

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY092319\
 Data File : VY000129.D
 Acq On : 23 Sep 2019 12:31
 Operator : SY/MD
 Sample : VSTDIC100
 Misc : 5.00g/5.00ml/MSVOA Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC100

Manual Integrations
 APPROVED

MMDadoda
 9/25/2019 12:39:46 AM

Quant Time: Sep 24 05:15:53 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y092319S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 24 04:45:28 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.79	168	113052	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	212542	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	188925	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	85738	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.14	65	127588	98.18	ug/l	0.00
Spiked Amount			Recovery	=	196.36%	
35) Dibromofluoromethane	7.72	113	118232	96.88	ug/l	0.00
Spiked Amount			Recovery	=	193.76%	
50) Toluene-d8	10.18	98	496436	101.05	ug/l	0.00
Spiked Amount			Recovery	=	202.10%	
62) 4-Bromofluorobenzene	12.48	95	164836	91.23	ug/l	0.00
Spiked Amount			Recovery	=	182.46%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.90	85	100810	89.889	ug/l	94
3) Chloromethane	2.11	50	158269	76.381	ug/l	96
4) Vinyl Chloride	2.25	62	170510	98.099	ug/l	96
5) Bromomethane	2.62	94	96491	89.622	ug/l	99
6) Chloroethane	2.78	64	105052	97.833	ug/l #	88
7) Trichlorofluoromethane	3.12	101	192977	97.202	ug/l	97
8) Diethyl Ether	3.53	74	86047	101.109	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.89	101	130426	99.079	ug/l	99
10) Methyl Iodide	4.08	142	192392	113.924	ug/l	99
11) Tert butyl alcohol	4.97	59	62962	469.274	ug/l #	84
12) 1,1-Dichloroethene	3.87	96	136454	100.362	ug/l	88
13) Acrolein	3.73	56	16937	310.698	ug/l	96
14) Allyl chloride	4.48	41	190913	99.475	ug/l	97
15) Acrylonitrile	5.17	53	202295	490.366	ug/l	98
16) Acetone	3.95	43	121225	479.857	ug/l	100
17) Carbon Disulfide	4.18	76	461561	98.530	ug/l	97
18) Methyl Acetate	4.48	43	93219	100.727	ug/l	99
19) Methyl tert-butyl Ether	5.22	73	354316	100.289	ug/l	96
20) Methylene Chloride	4.71	84	153065	90.161	ug/l	96
21) trans-1,2-Dichloroethene	5.21	96	155856	101.649	ug/l	97
22) Diisopropyl ether	6.12	45	411134	100.477	ug/l	96
23) Vinyl Acetate	6.06	43	1392181	510.531	ug/l	97
24) 1,1-Dichloroethane	6.02	63	238638	97.900	ug/l	100
25) 2-Butanone	6.99	43	228640	487.813	ug/l	96
26) 2,2-Dichloropropane	6.98	77	207482	93.925	ug/l	100
27) cis-1,2-Dichloroethene	6.99	96	170756	100.060	ug/l	99
28) Bromochloromethane	7.34	49	99521	104.479	ug/l	99
29) Tetrahydrofuran	7.35	42	159654	503.002	ug/l	98
30) Chloroform	7.51	83	239543	97.613	ug/l	95
31) Cyclohexane	7.78	56	235382	93.123	ug/l	95
32) 1,1,1-Trichloroethane	7.70	97	203393	100.744	ug/l	99
36) 1,1-Dichloropropene	7.92	75	195523	99.353	ug/l	99
37) Ethyl Acetate	7.08	43	103981	100.049	ug/l	99
38) Carbon Tetrachloride	7.90	117	176732	104.636	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.18	83	270302	99.865	ug/l	98
40) Benzene	8.16	78	611117	100.616	ug/l	100
41) Methacrylonitrile	7.32	41	53309m	64.634	ug/l	
42) 1,2-Dichloroethane	8.24	62	156671	101.152	ug/l	100
43) Isopropyl Acetate	8.27	43	211197	101.595	ug/l	99
44) Trichloroethene	8.94	130	152558	101.157	ug/l	94
45) 1,2-Dichloropropane	9.22	63	146334	99.748	ug/l	96
46) Dibromomethane	9.31	93	81376	99.741	ug/l	98
47) Bromodichloromethane	9.50	83	191447	102.484	ug/l	96
48) Methyl methacrylate	9.29	41	92301	103.902	ug/l	99
49) 1,4-Dioxane	9.29	88	25767	2000.492	ug/l	89
51) 4-Methyl-2-Pentanone	10.07	43	542665	512.288	ug/l	100
52) Toluene	10.24	92	380450	101.366	ug/l	99
53) t-1,3-Dichloropropene	10.46	75	205235	100.752	ug/l	99
54) cis-1,3-Dichloropropene	9.93	75	239735	101.509	ug/l	97
55) 1,1,2-Trichloroethane	10.65	97	117784	100.810	ug/l	97
56) Ethyl methacrylate	10.51	69	173532	105.441	ug/l	100
57) 1,3-Dichloropropane	10.79	76	202445	99.666	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.78	63	398884	490.926	ug/l	100
59) 2-Hexanone	10.83	43	384234	517.839	ug/l	99
60) Dibromochloromethane	10.98	129	129187	105.795	ug/l	98
61) 1,2-Dibromoethane	11.09	107	112013	102.010	ug/l	97
64) Tetrachloroethene	10.72	164	139136	96.752	ug/l	94
65) Chlorobenzene	11.51	112	385375	100.484	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.59	131	127348	103.339	ug/l	99
67) Ethyl Benzene	11.59	91	696259	99.875	ug/l	99
68) m/p-Xylenes	11.70	106	542263	201.710	ug/l	98
69) o-Xylene	12.02	106	256748	99.905	ug/l	98
70) Styrene	12.04	104	448301	103.243	ug/l	98
71) Bromoform	12.21	173	71591	102.890	ug/l #	95
73) Isopropylbenzene	12.32	105	669041	98.007	ug/l	100
74) N-amyl acetate	12.14	43	195676	102.848	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	132253	97.032	ug/l	98
76) 1,2,3-Trichloropropane	12.63	75	99805m	58.119	ug/l	
77) Bromobenzene	12.60	156	144436	101.183	ug/l	98
78) n-propylbenzene	12.66	91	822020	97.365	ug/l	99
79) 2-Chlorotoluene	12.75	91	451474	97.412	ug/l	99
80) 1,3,5-Trimethylbenzene	12.81	105	565944	99.066	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	53801	98.423	ug/l #	90
82) 4-Chlorotoluene	12.85	91	468890	98.089	ug/l	100
83) tert-Butylbenzene	13.07	119	464361	99.229	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	562699	98.698	ug/l	100
85) sec-Butylbenzene	13.25	105	678845	97.041	ug/l	99
86) p-Isopropyltoluene	13.37	119	584454	97.988	ug/l	99
87) 1,3-Dichlorobenzene	13.36	146	280305	100.359	ug/l	98
88) 1,4-Dichlorobenzene	13.44	146	283380	99.399	ug/l	99
89) n-Butylbenzene	13.69	91	600265	98.112	ug/l	100
90) Hexachloroethane	13.96	117	114643	97.056	ug/l	100
91) 1,2-Dichlorobenzene	13.73	146	254192	96.469	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.35	75	23546	93.988	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	165801	97.867	ug/l	98
94) Hexachlorobutadiene	15.10	225	73158	97.157	ug/l	98
95) Naphthalene	15.23	128	426698	99.635	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	150673	99.719	ug/l	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

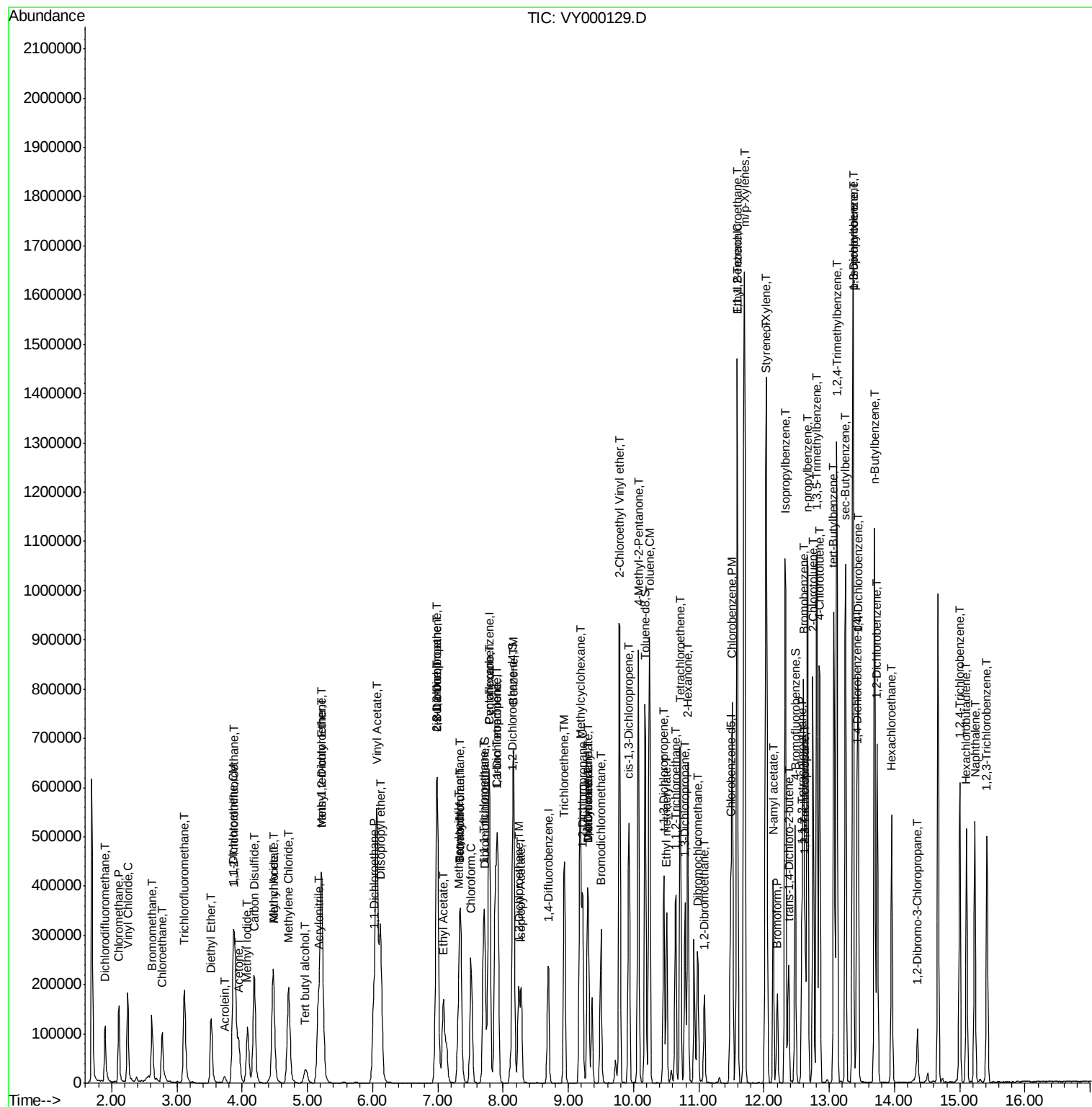
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY092319\
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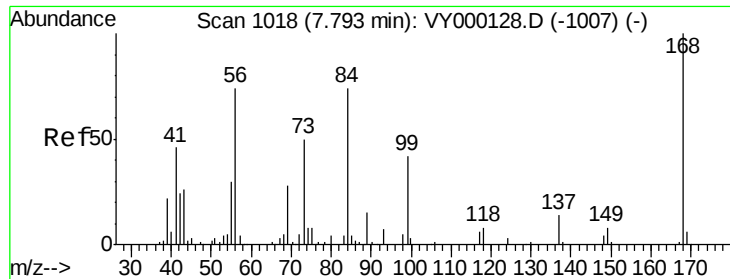
Instrument :
MSVOA_Y
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.79 min Scan# 1018

Delta R.T. 0.00 min

Lab File: VY000129.D

Acq: 23 Sep 2019 12:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

Tot Ion:168 Resp: 113052

Ion Ratio Lower Upper

168 100

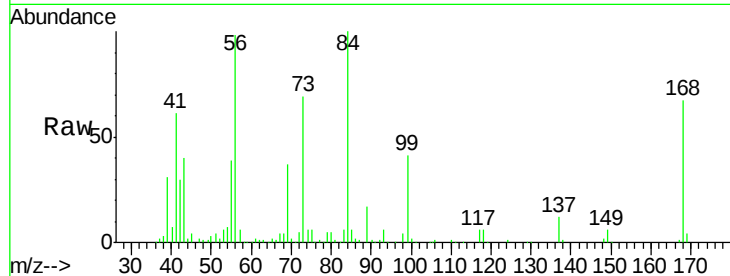
99 61.6 49.9 74.9

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): VY000129.D (-969) (-)

Ion 98.90 (98.60 to 99.60): VY000129.D (-969) (-)

7.79

60000

50000

40000

30000

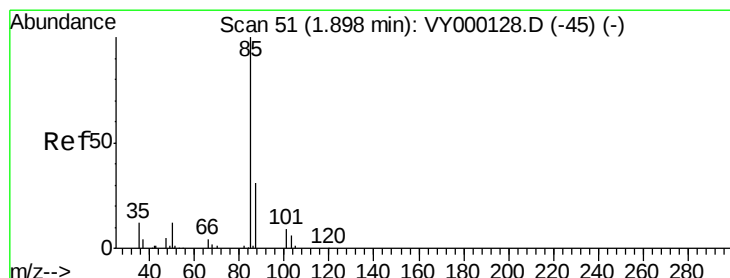
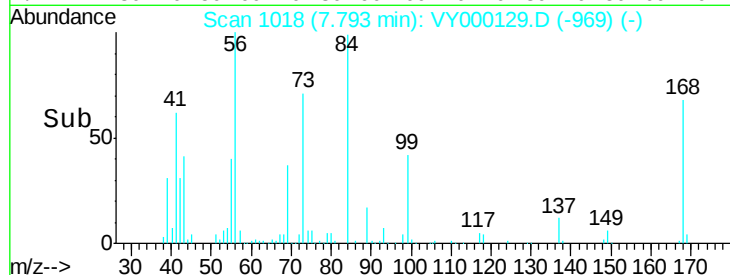
20000

10000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 89.889 ug/l

RT: 1.90 min Scan# 51

Delta R.T. 0.00 min

Lab File: VY000129.D

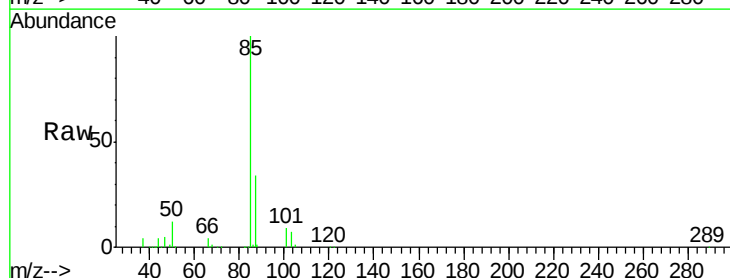
Acq: 23 Sep 2019 12:31

Tgt Ion: 85 Resp: 100810

Ion Ratio Lower Upper

85 100

87 34.1 15.4 46.4



Abundance Ion 84.90 (84.60 to 85.60): VY000129.D (-2) (-)

Ion 86.90 (86.60 to 87.60): VY000129.D (-2) (-)

1.90

60000

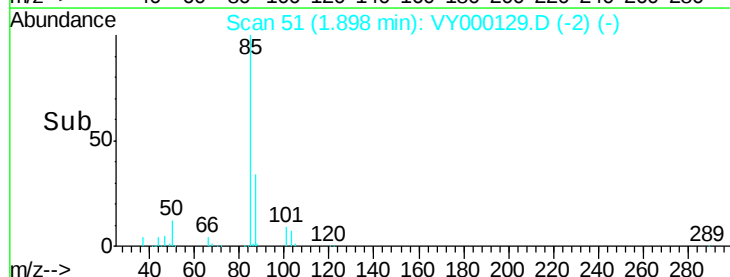
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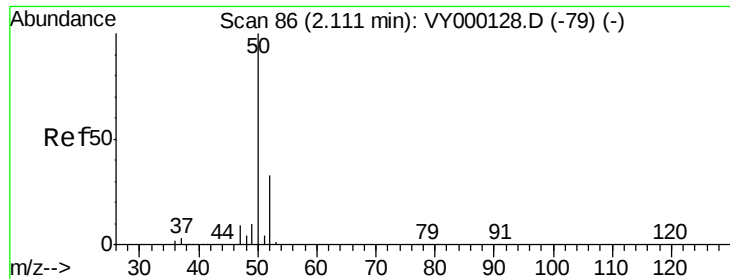
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0

1.80 1.85 1.90 1.95 2.00

Time-->





#3

Chloromethane

Concen: 76.381 ug/l

RT: 2.11 min Scan# 86

Delta R.T. 0.00 min

Lab File: VY000129.D

Acq: 23 Sep 2019 12:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

Tot Ion: 50 Resp: 158269

Ion Ratio Lower Upper

50 100

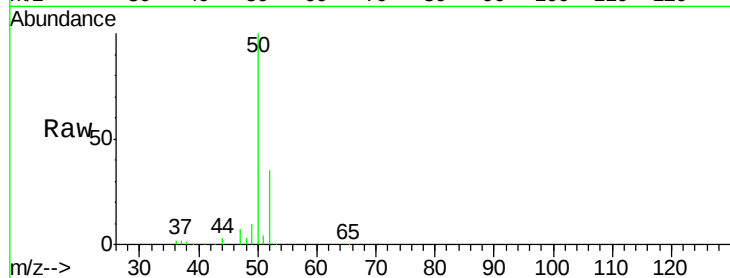
52 35.1 26.2 39.4

Manual Integrations

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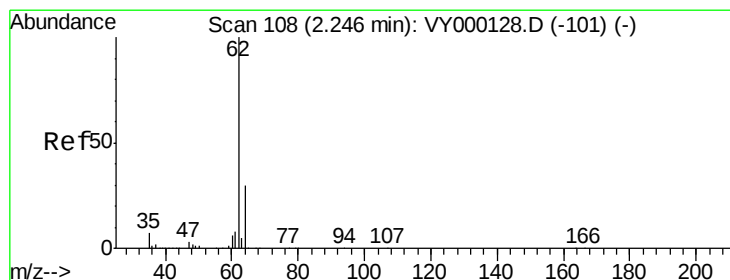
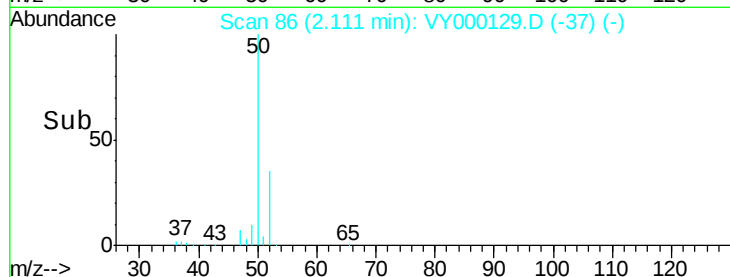
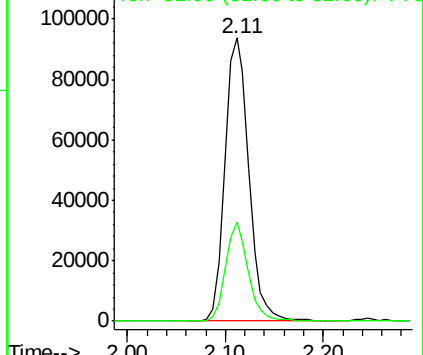
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Abundance Ion 49.90 (49.60 to 50.60): VY0

Ion 51.90 (51.60 to 52.60): VY0



#4

Vinyl Chloride

Concen: 98.099 ug/l

RT: 2.25 min Scan# 108

Delta R.T. 0.00 min

Lab File: VY000129.D

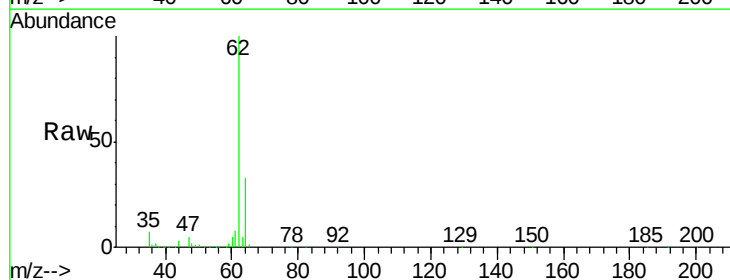
Acq: 23 Sep 2019 12:31

Tgt Ion: 62 Resp: 170510

Ion Ratio Lower Upper

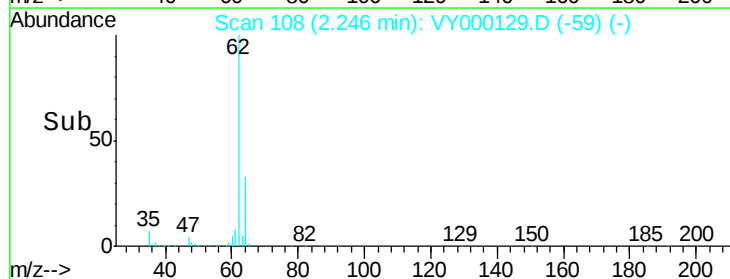
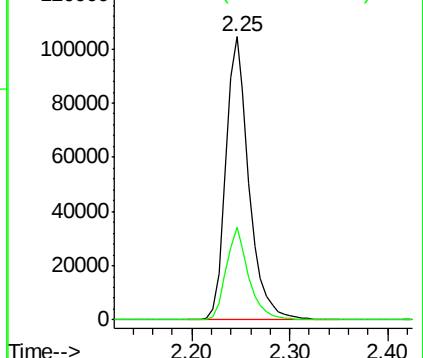
62 100

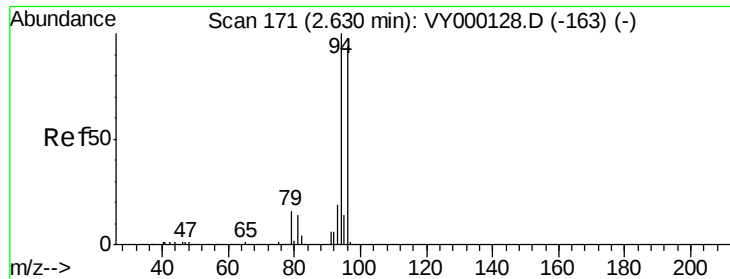
64 32.8 24.4 36.6



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0





#5

Bromomethane

Concen: 89.622 ug/l

RT: 2.62 min Scan# 169

Delta R.T. -0.01 min

Lab File: VY000129.D

Acq: 23 Sep 2019 12:31

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Tot Ion: 94 Resp: 96491

Ion Ratio Lower Upper

94 100

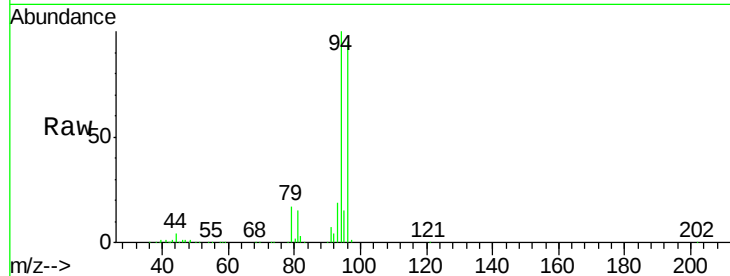
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Manual Integrations

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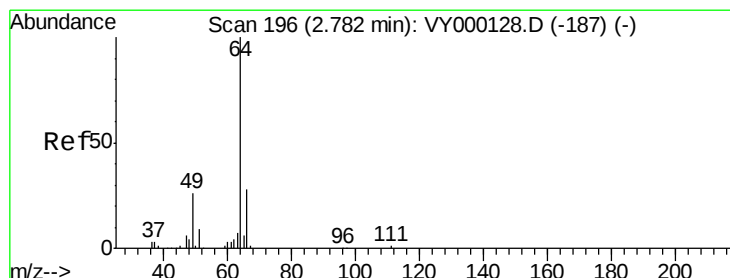
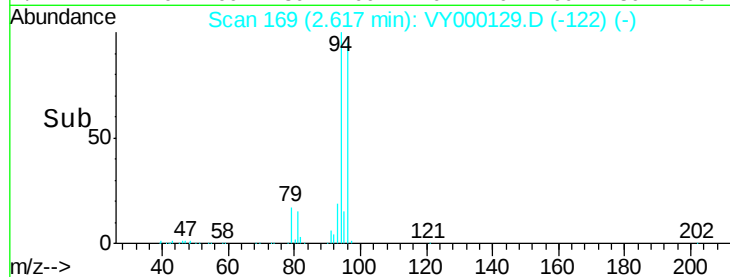
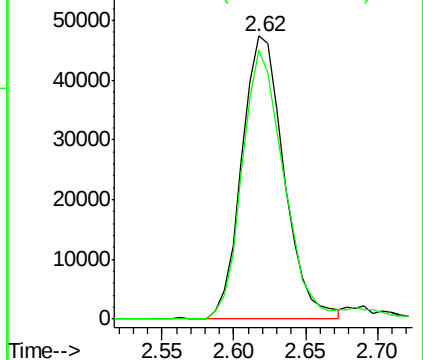
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Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 97.833 ug/l

RT: 2.78 min Scan# 195

Delta R.T. -0.01 min

Lab File: VY000129.D

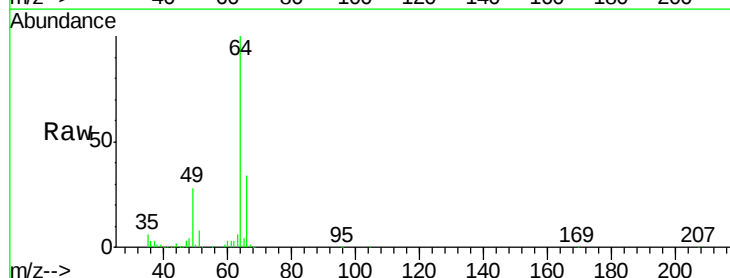
Acq: 23 Sep 2019 12:31

Tgt Ion: 64 Resp: 105052

Ion Ratio Lower Upper

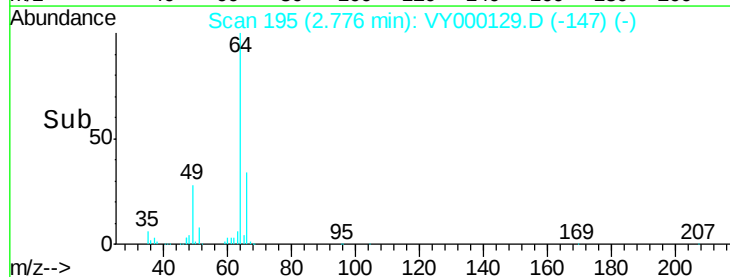
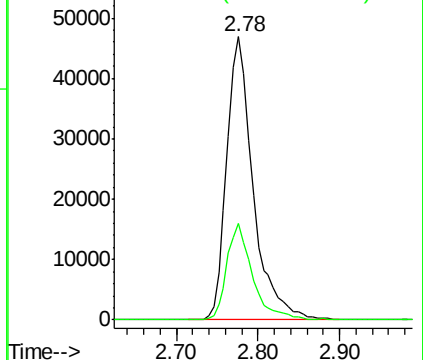
64 100

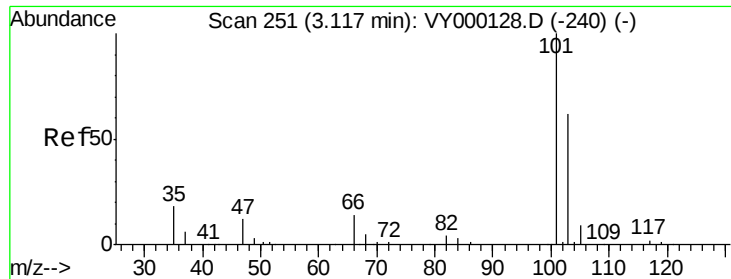
66 34.1 22.4 33.6#



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0





#7

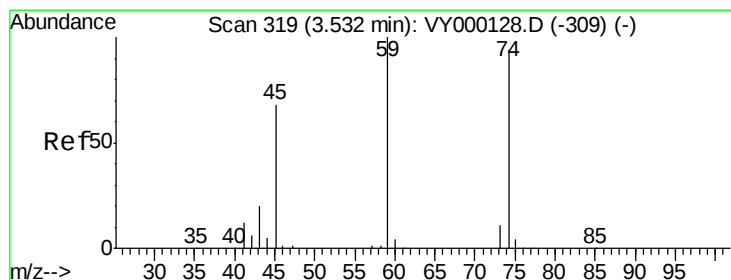
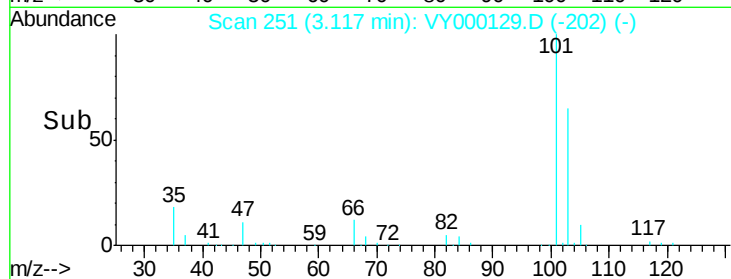
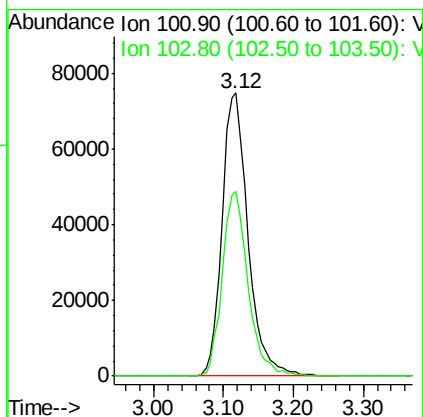
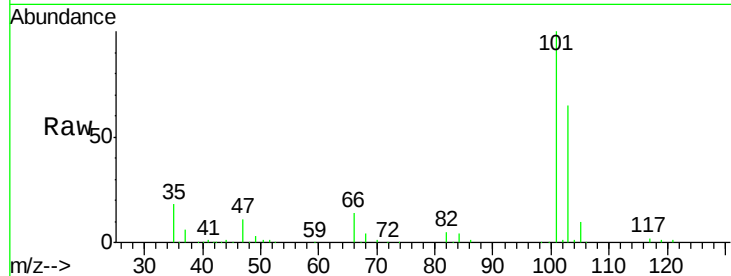
Trichlorofluoromethane
Concen: 97.202 ug/l
RT: 3.12 min Scan# 251
Delta R.T. 0.00 min
Lab File: VY000129.D
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Tot Ion	Ratio	Resp	Lower	Upper
101	100	192977		
103	65.1	49.9	74.9	

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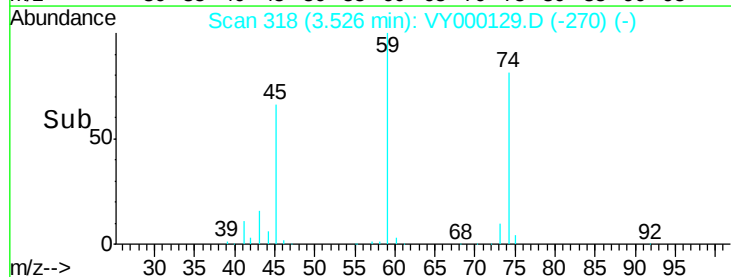
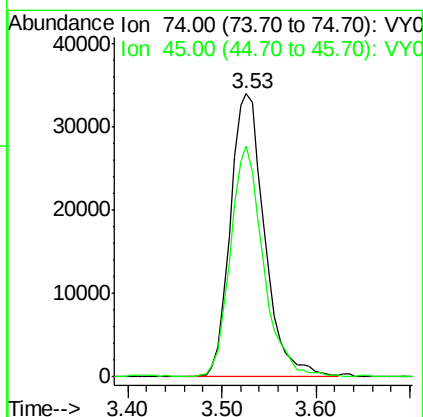
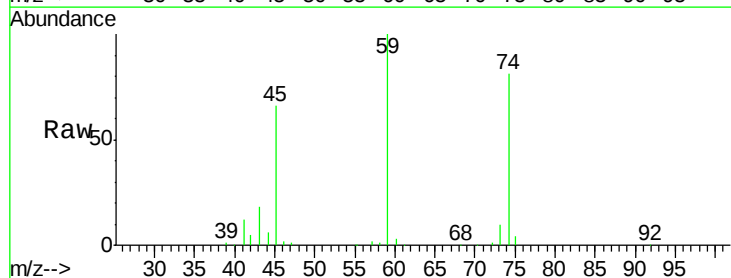
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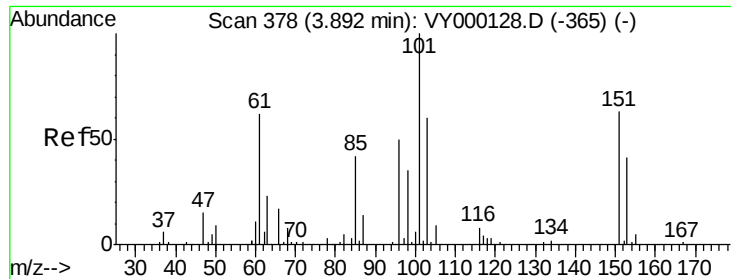


#8

Diethyl Ether
Concen: 101.109 ug/l
RT: 3.53 min Scan# 318
Delta R.T. -0.01 min
Lab File: VY000129.D
Acq: 23 Sep 2019 12:31

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	86047		
45	78.4	40.1	120.2	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 99.079 ug/l

RT: 3.89 min Scan# 377

Delta R.T. -0.01 min

Lab File: VY000129.D

Acq: 23 Sep 2019 12:31

Instrument :

MSVOA_Y

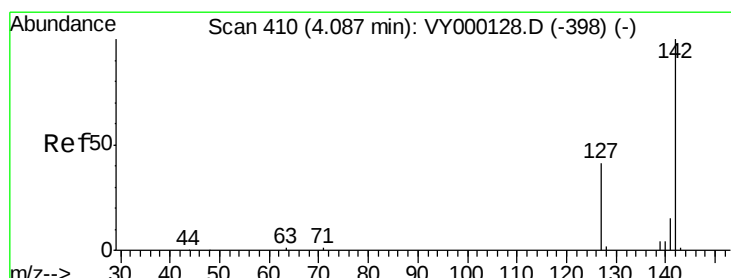
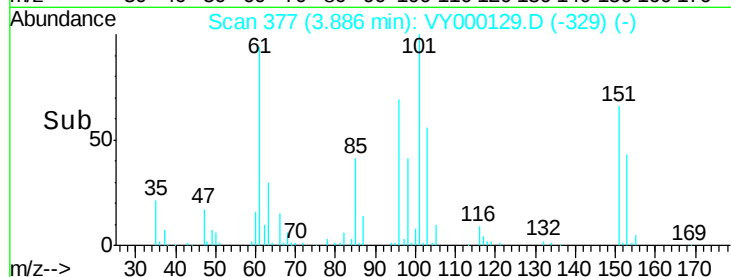
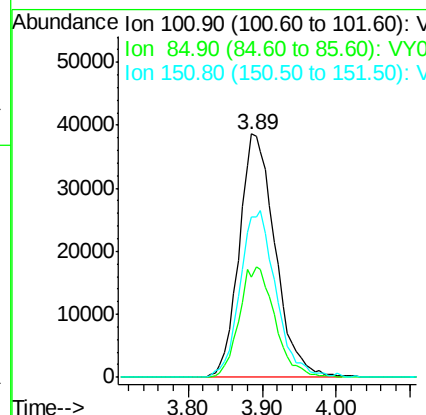
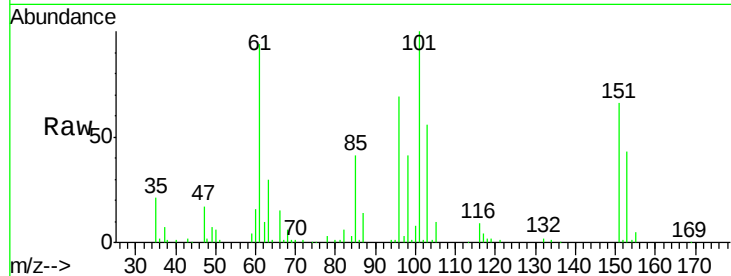
ClientSampleId :

VSTDIC100

Tot Ion:	101	Resp:	130426
Ion Ratio	Lower	Upper	
101	100		
85	45.3	36.7	55.1
151	68.1	53.9	80.9

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#10

Methyl Iodide

Concen: 113.924 ug/l

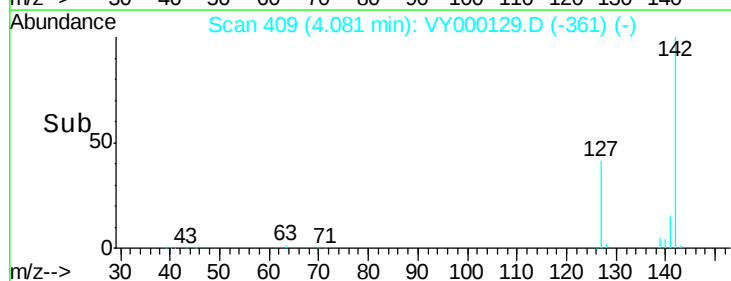
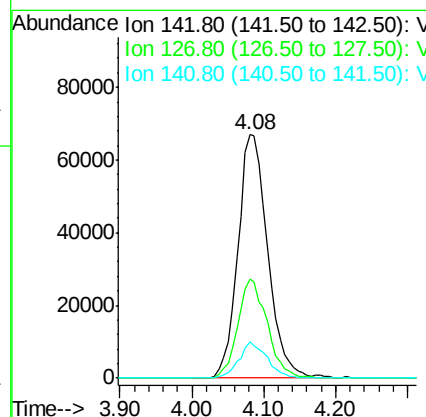
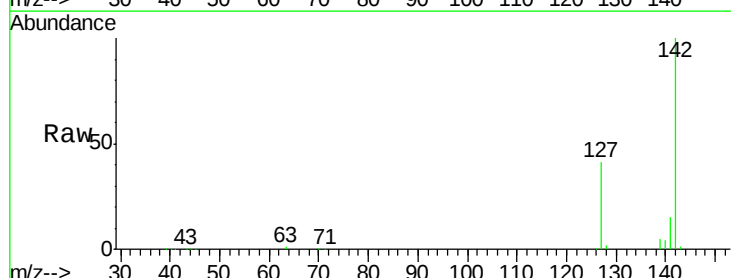
RT: 4.08 min Scan# 409

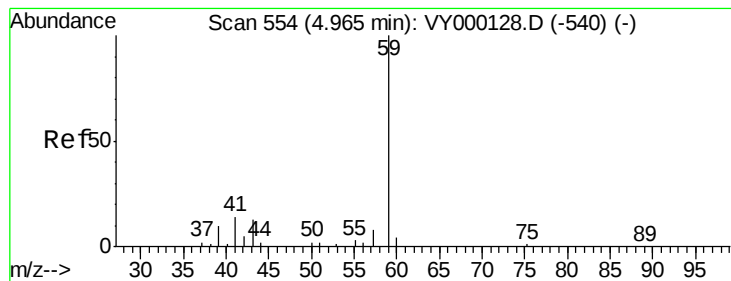
Delta R.T. -0.01 min

Lab File: VY000129.D

Acq: 23 Sep 2019 12:31

Tgt Ion:	142	Resp:	192392
Ion Ratio	Lower	Upper	
142	100		
127	40.2	32.8	49.2
141	14.2	10.8	16.2





#11

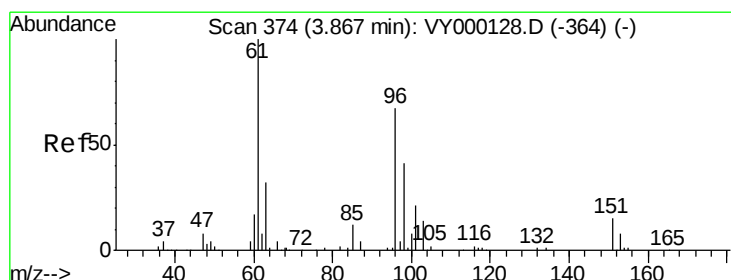
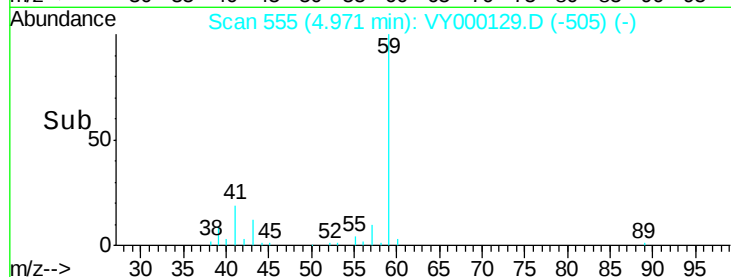
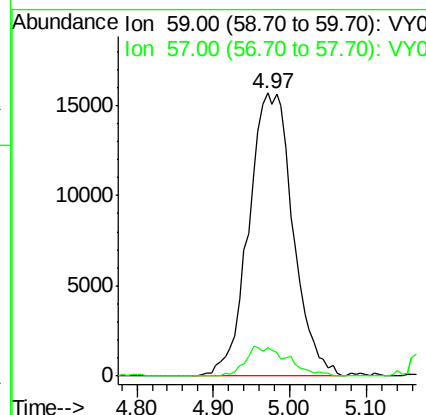
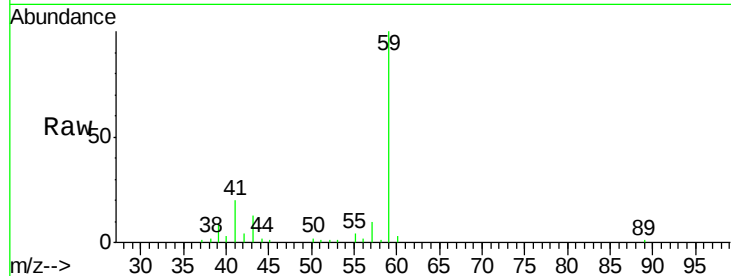
Tert butyl alcohol
Concen: 469.274 ug/l
RT: 4.97 min Scan# 555
Delta R.T. 0.01 min
Lab File: VY000129.D
Acq: 23 Sep 2019 12:31

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
59	100		
57	4.3	8.2	12.4#

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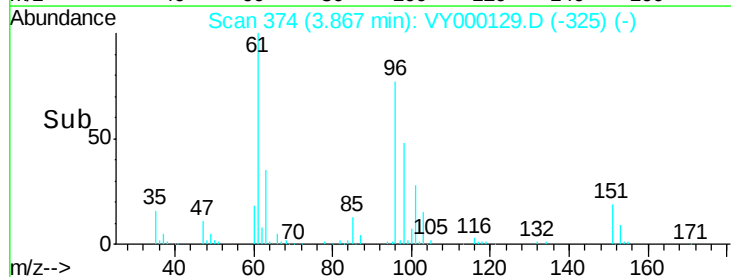
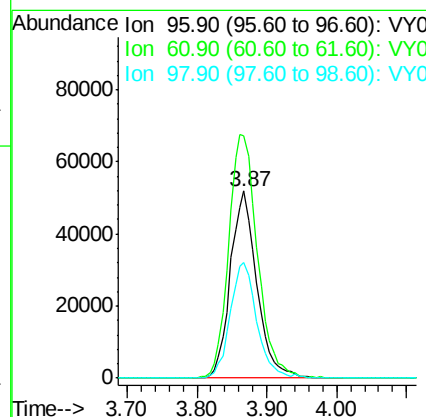
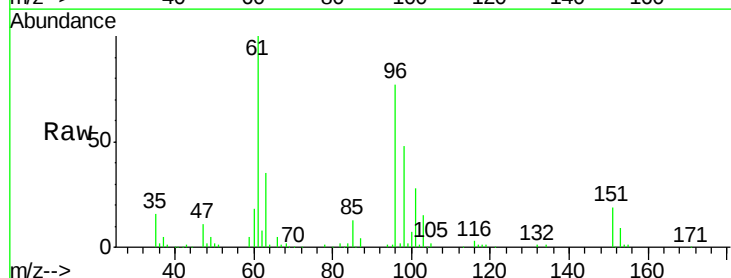
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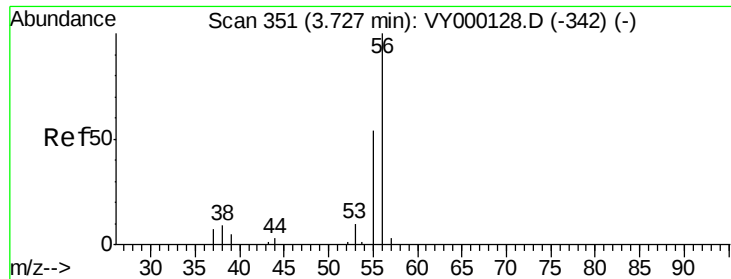


#12

1,1-Dichloroethene
Concen: 100.362 ug/l
RT: 3.87 min Scan# 374
Delta R.T. 0.00 min
Lab File: VY000129.D
Acq: 23 Sep 2019 12:31

Tgt Ion	Ratio	Lower	Upper
96	100		
61	129.1	119.8	179.6
98	61.7	48.8	73.2





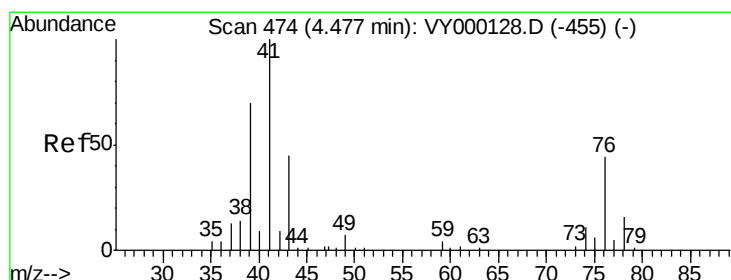
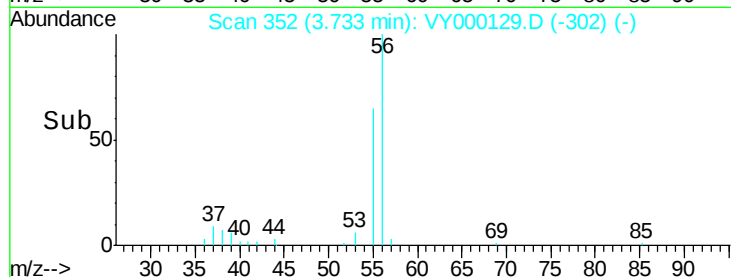
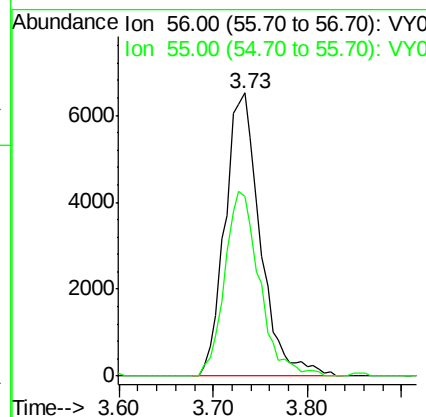
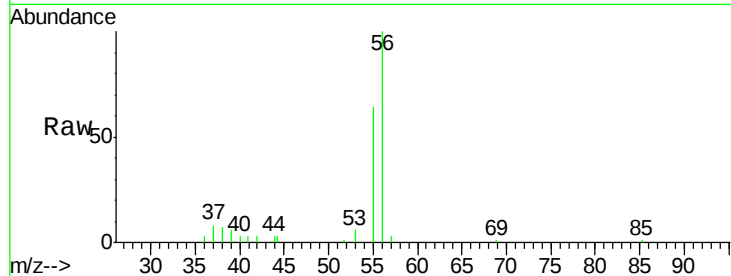
#13
Acrolein
Concen: 310.698 ug/l
RT: 3.73 min Scan# 352
Delta R.T. 0.01 min
Lab File: VY000129.D
Acq: 23 Sep 2019 12:31

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
56	100		
55	64.5	49.4	74.0

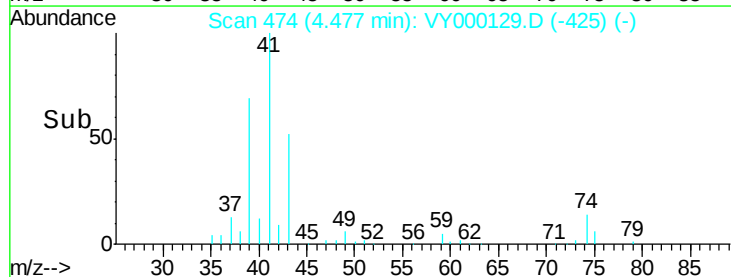
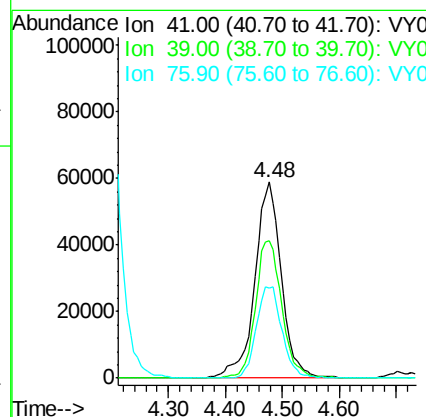
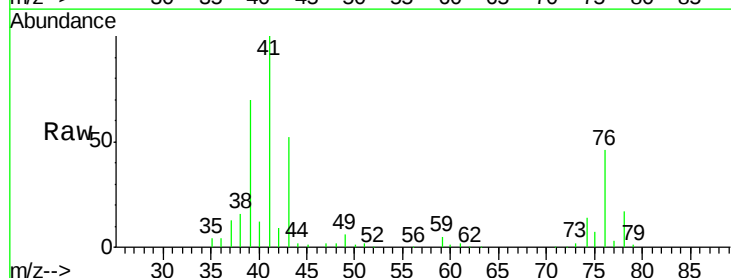
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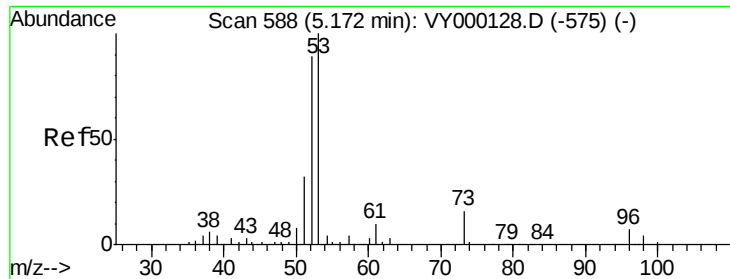
MMDadoda
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#14
Allyl chloride
Concen: 99.475 ug/l
RT: 4.48 min Scan# 474
Delta R.T. 0.00 min
Lab File: VY000129.D
Acq: 23 Sep 2019 12:31

Tgt Ion	Ratio	Lower	Upper
41	100		
39	69.3	52.7	79.1
76	45.0	36.6	55.0





#15

Acrylonitrile

Concen: 490.366 ug/l

RT: 5.17 min Scan# 587

Delta R.T. -0.01 min

Lab File: VY000129.D

Acq: 23 Sep 2019 12:31

Instrument :

MSVOA_Y

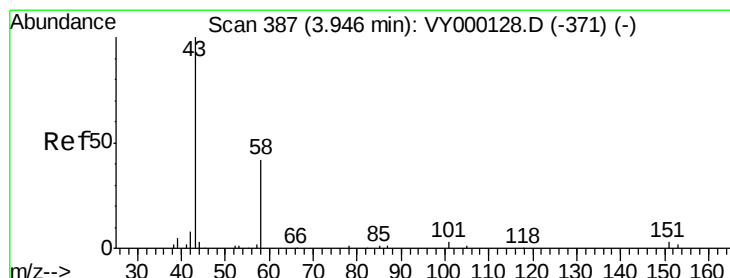
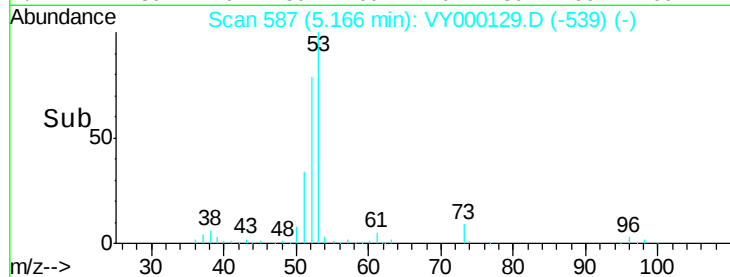
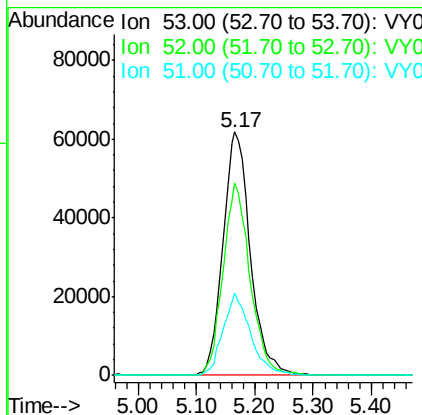
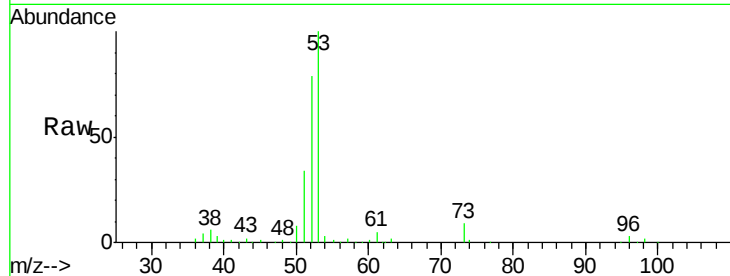
ClientSampleId :

VSTDIC100

Tot Ion	Ion	Ratio	Resp	Lower	Upper
53	100		202295		
52	77.6	63.8	95.8		
51	33.8	26.6	40.0		

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#16

Acetone

Concen: 479.857 ug/l

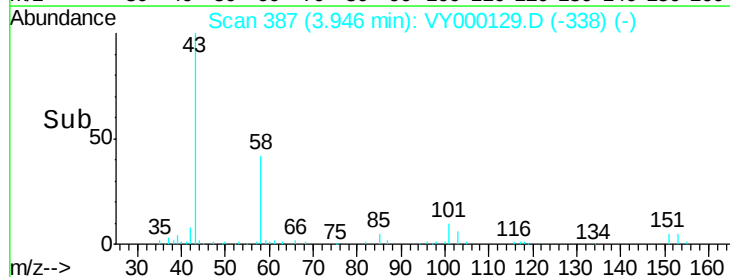
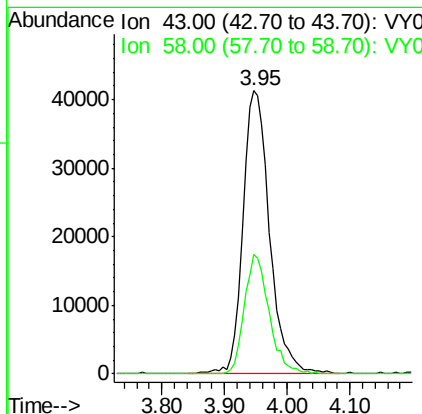
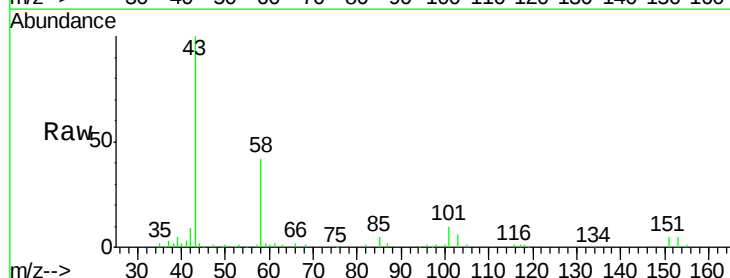
RT: 3.95 min Scan# 387

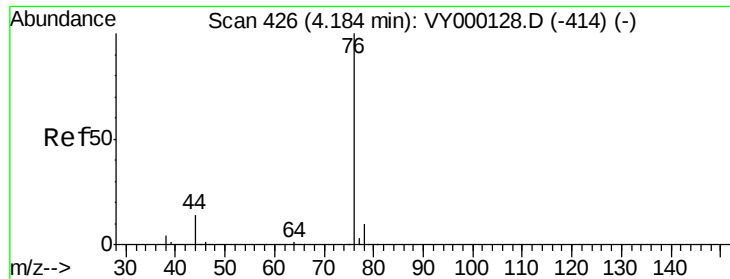
Delta R.T. 0.00 min

Lab File: VY000129.D

Acq: 23 Sep 2019 12:31

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
43	100		121225		
58	42.2	33.5	50.3		





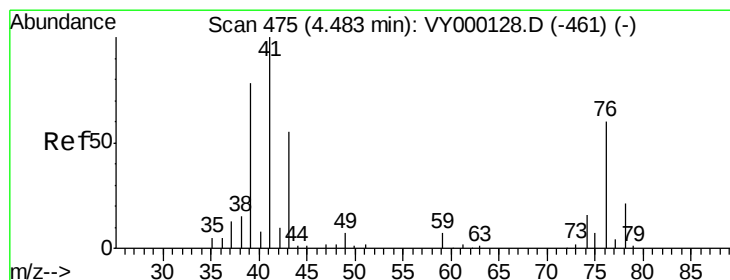
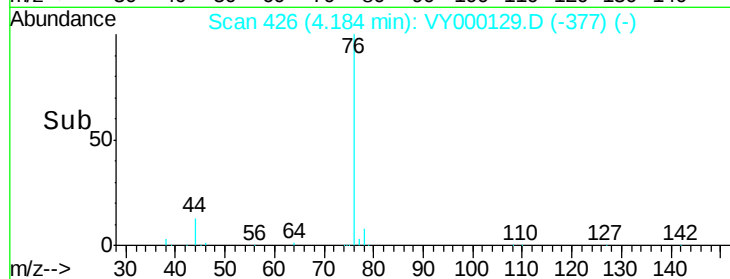
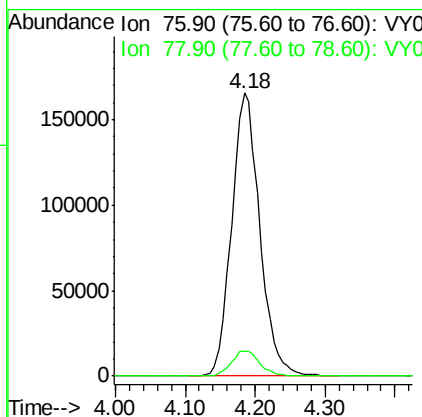
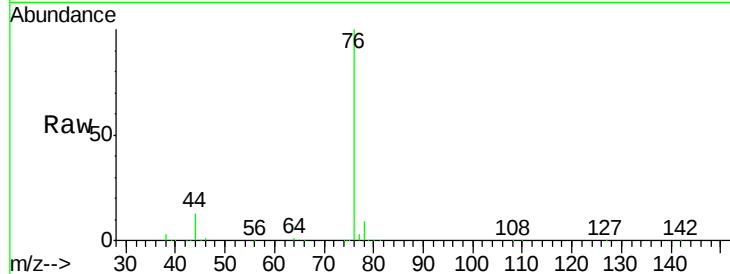
#17
Carbon Disulfide
Concen: 98.530 ug/l
RT: 4.18 min Scan# 426
Delta R.T. 0.00 min
Lab File: VY000129.D
Acq: 23 Sep 2019 12:31

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.9	7.9	11.9

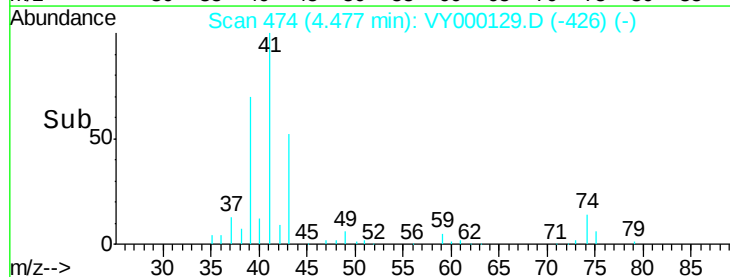
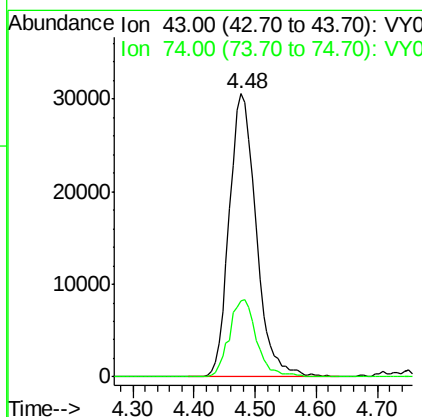
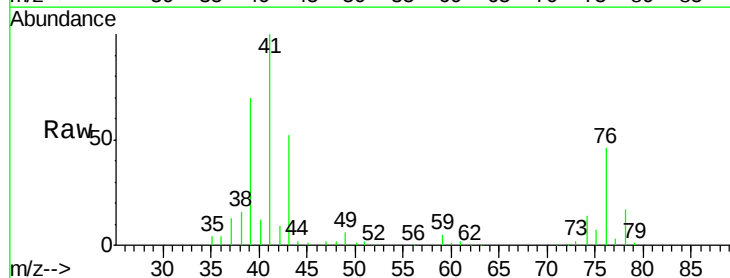
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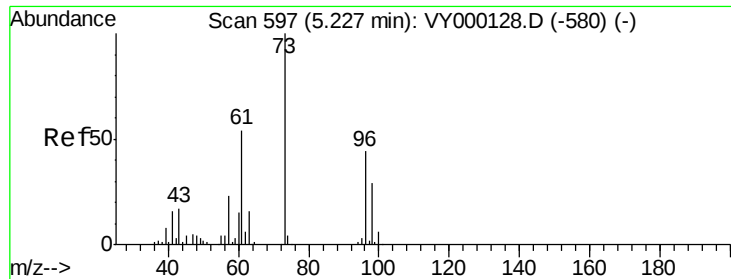
MMDadoda
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#18
Methyl Acetate
Concen: 100.727 ug/l
RT: 4.48 min Scan# 474
Delta R.T. -0.01 min
Lab File: VY000129.D
Acq: 23 Sep 2019 12:31

Tgt Ion	Ratio	Lower	Upper
43	100		
74	27.6	22.7	34.1





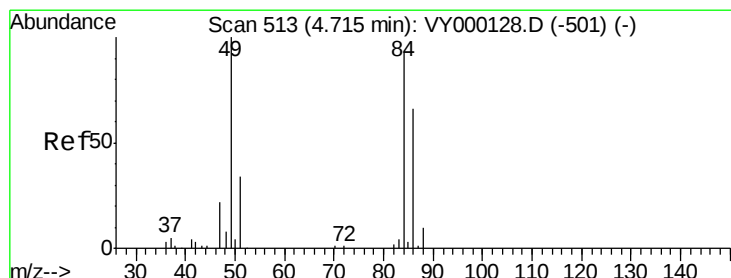
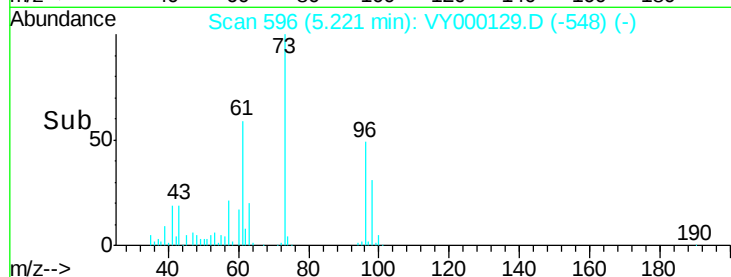
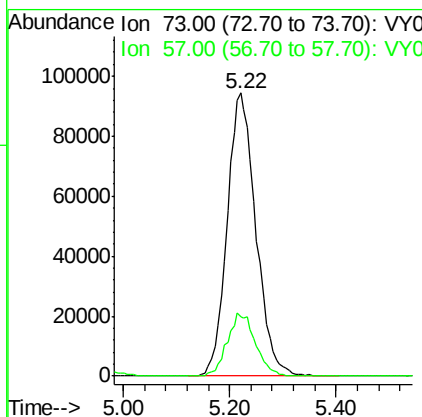
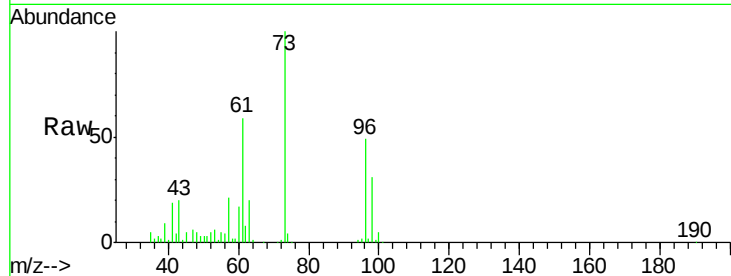
#19
Methvl tert-butvl Ether
Concen: 100.289 ug/l
RT: 5.22 min Scan# 596
Delta R.T. -0.01 min
Lab File: VY000129.D
Acq: 23 Sep 2019 12:31

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

Tot Ion: 73 Resp: 354316
Ion Ratio Lower Upper
73 100
57 20.9 18.3 27.5

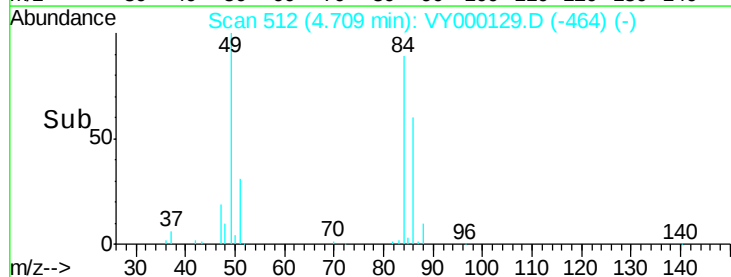
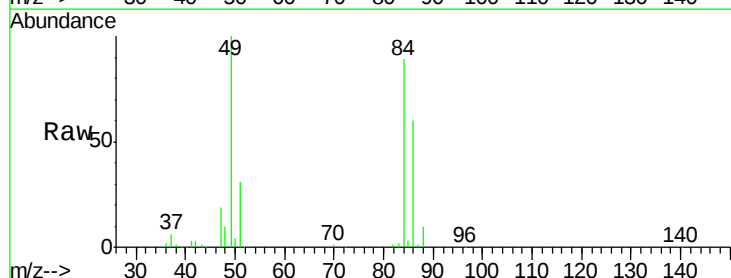
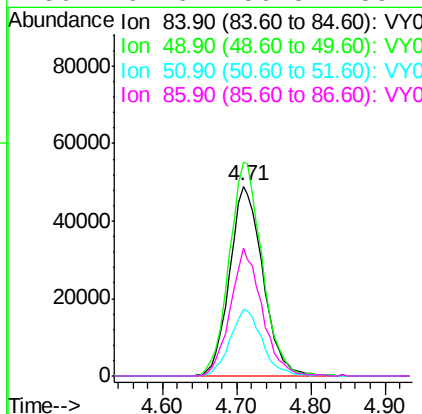
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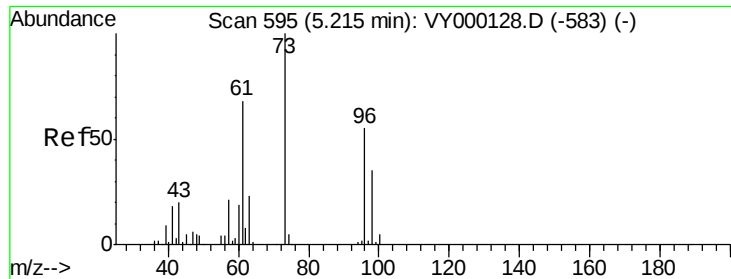
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#20
Methylene Chloride
Concen: 90.161 ug/l
RT: 4.71 min Scan# 512
Delta R.T. -0.01 min
Lab File: VY000129.D
Acq: 23 Sep 2019 12:31

Tgt Ion: 84 Resp: 153065
Ion Ratio Lower Upper
84 100
49 112.6 85.8 128.6
51 35.1 29.2 43.8
86 67.6 56.8 85.2





#21

trans-1,2-Dichloroethene

Concen: 101.649 ug/l

RT: 5.21 min Scan# 595

Delta R.T. 0.00 min

Lab File: VY000129.D

Acq: 23 Sep 2019 12:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

Tot Ion: 96 Resp: 155856

Ion Ratio Lower Upper

96 100

61 121.7 99.0 148.6

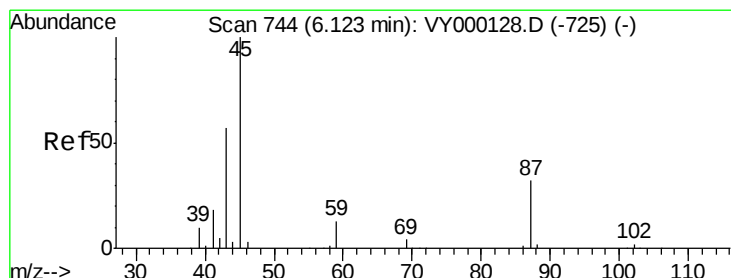
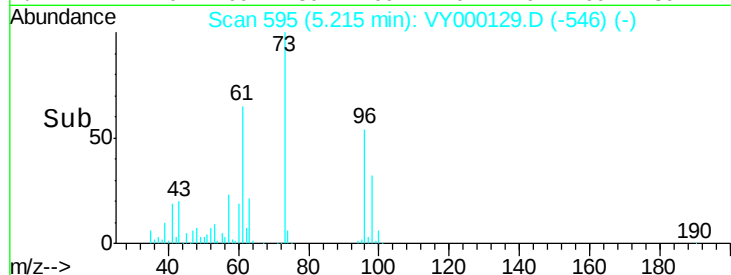
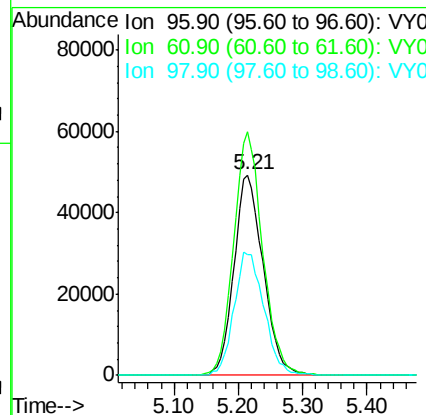
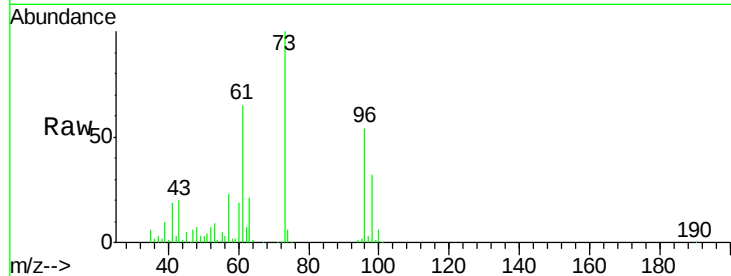
98 60.2 51.0 76.4

Manual Integrations

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#22

Diisopropyl ether

Concen: 100.477 ug/l

RT: 6.12 min Scan# 743

Delta R.T. -0.01 min

Lab File: VY000129.D

Acq: 23 Sep 2019 12:31

Tgt Ion: 45 Resp: 411134

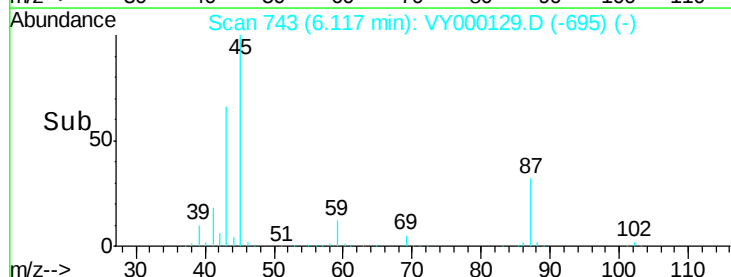
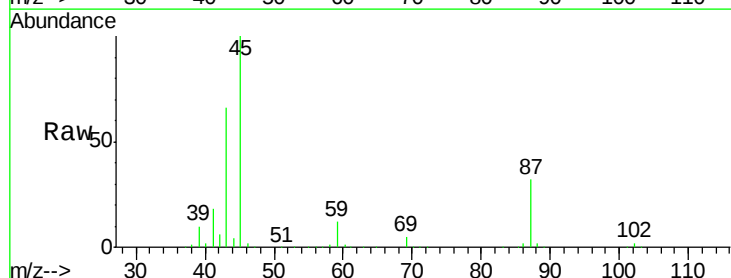
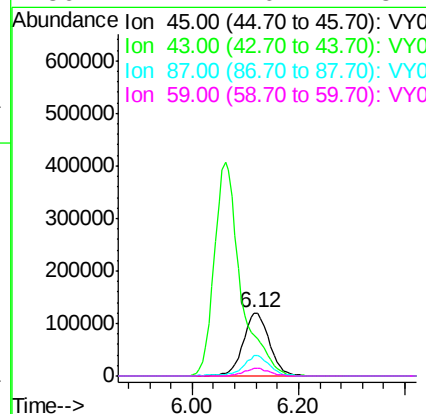
Ion Ratio Lower Upper

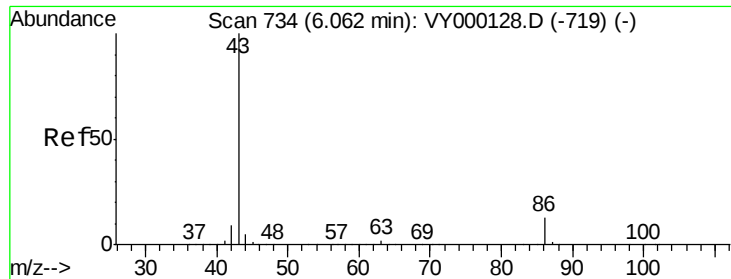
45 100

43 65.4 48.2 72.4

87 31.8 25.9 38.9

59 12.1 10.2 15.2





#23

Vinyl Acetate

Concen: 510.531 ug/l

RT: 6.06 min Scan# 734

Delta R.T. 0.00 min

Lab File: VY000129.D

Acq: 23 Sep 2019 12:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

Tot Ion: 43 Resp: 1392181

Ion Ratio Lower Upper

43 100

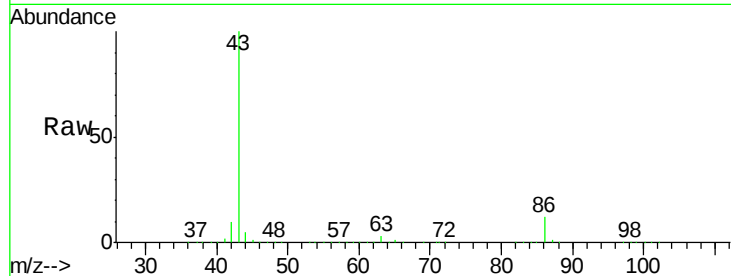
86 12.0 10.6 16.0

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0

6.06

400000

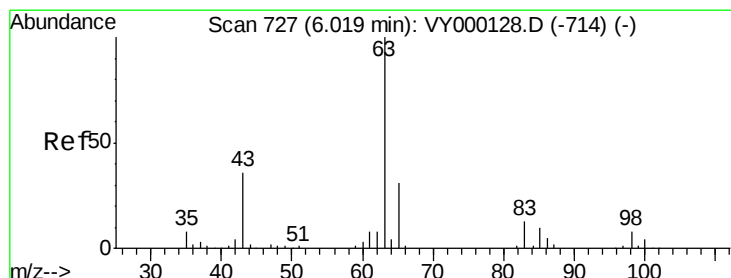
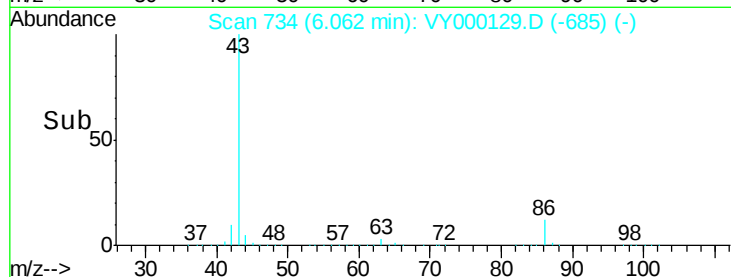
300000

200000

100000

0

Time-->



#24

1,1-Dichloroethane

Concen: 97.900 ug/l

RT: 6.02 min Scan# 727

Delta R.T. 0.00 min

Lab File: VY000129.D

Acq: 23 Sep 2019 12:31

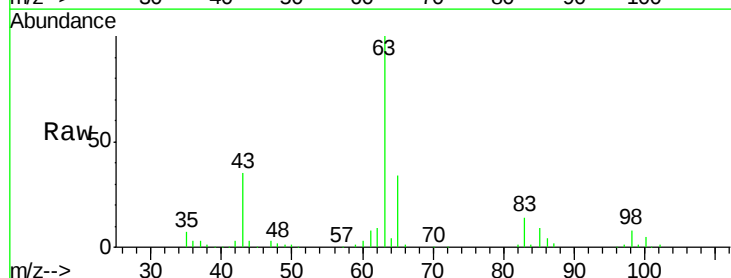
Tgt Ion: 63 Resp: 238638

Ion Ratio Lower Upper

63 100

98 7.9 3.9 11.7

100 4.7 2.2 6.6



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0

6.02

100000

80000

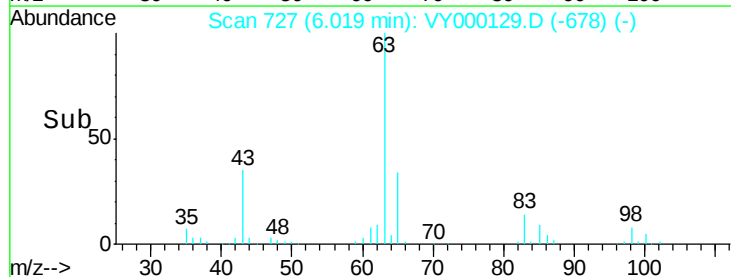
60000

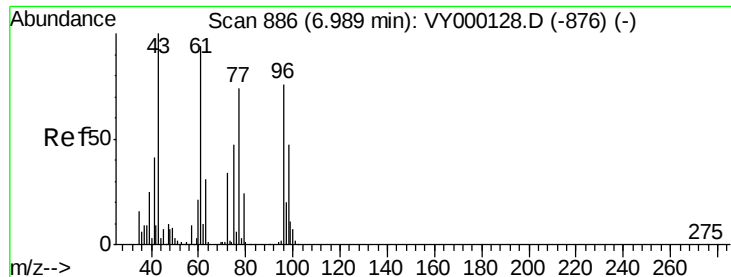
40000

20000

0

Time-->





#25

2-Butanone

Concen: 487.813 ug/l

RT: 6.99 min Scan# 887

Delta R.T. 0.01 min

Lab File: VY000129.D

Acq: 23 Sep 2019 12:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

Tot Ion: 43 Resp: 228640

Ion Ratio Lower Upper

43 100

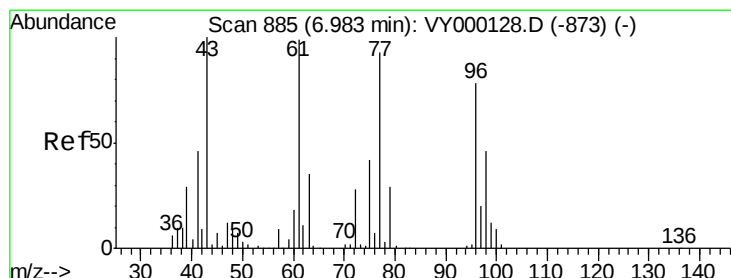
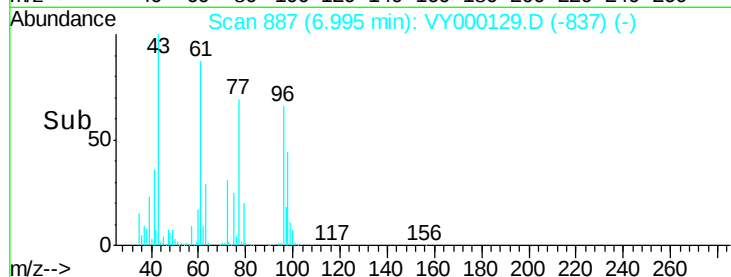
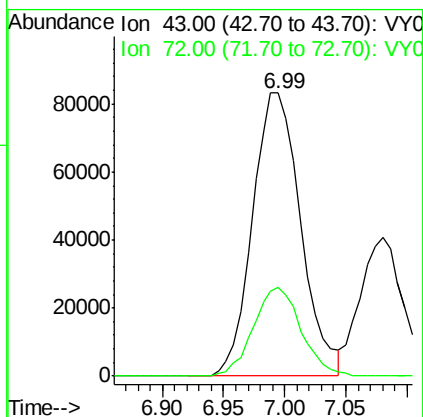
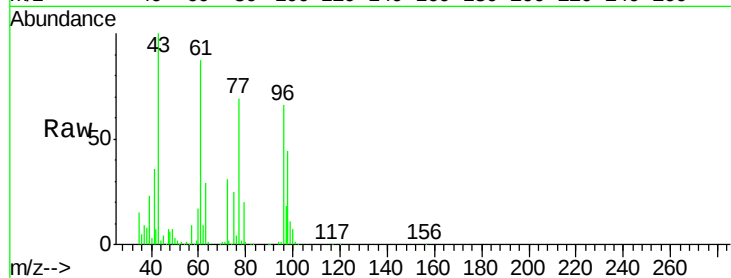
72 31.4 27.0 40.6

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#26

2,2-Dichloropropane

Concen: 93.925 ug/l

RT: 6.98 min Scan# 885

Delta R.T. 0.00 min

Lab File: VY000129.D

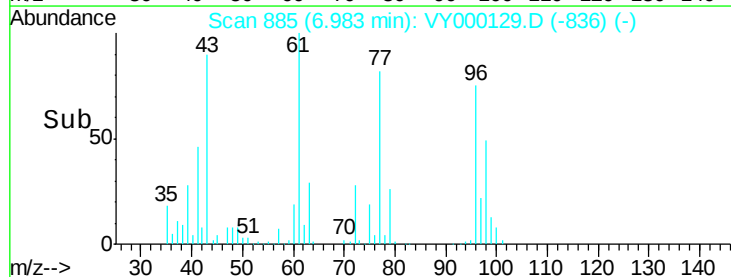
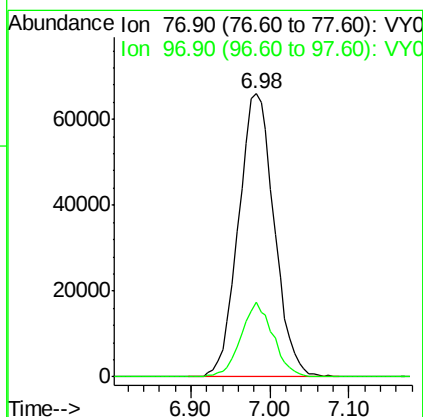
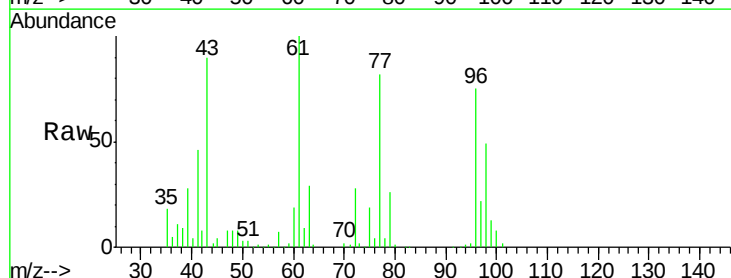
Acq: 23 Sep 2019 12:31

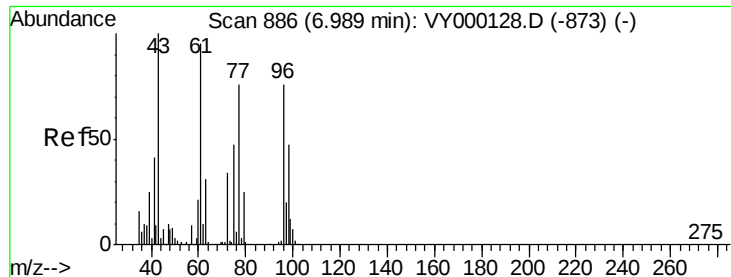
Tgt Ion: 77 Resp: 207482

Ion Ratio Lower Upper

77 100

97 23.8 12.0 36.0





#27

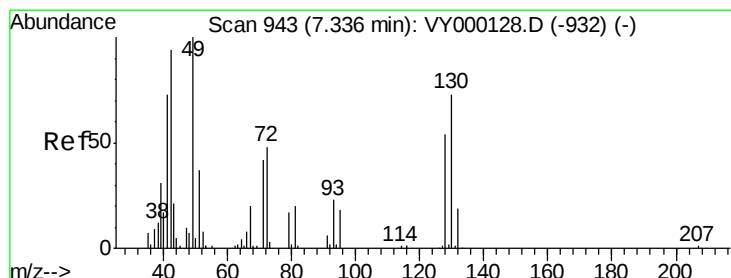
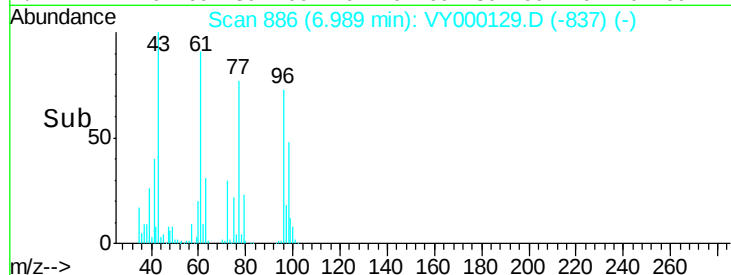
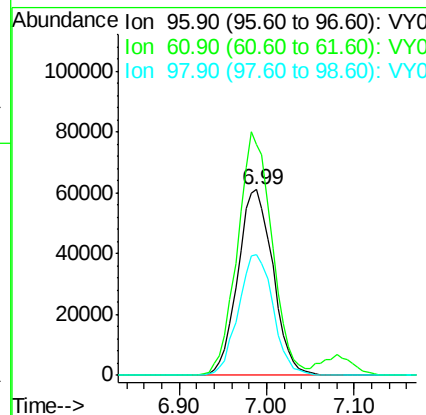
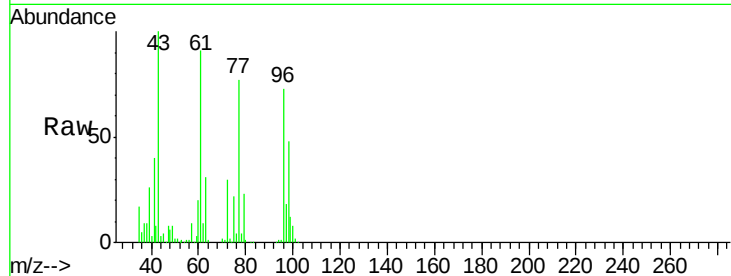
cis-1,2-Dichloroethene
Concen: 100.060 ug/l
RT: 6.99 min Scan# 886
Delta R.T. 0.00 min
Lab File: VY000129.D
Acq: 23 Sep 2019 12:31

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
96	100		
61	129.0	0.0	254.8
98	64.5	0.0	127.8

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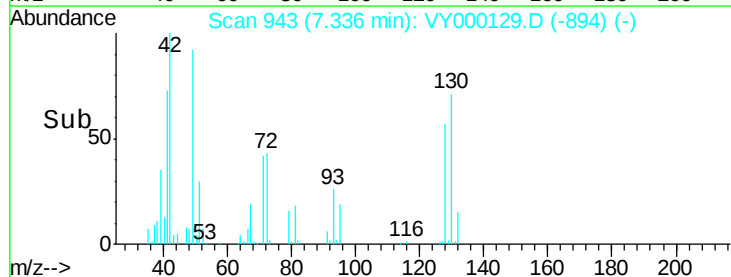
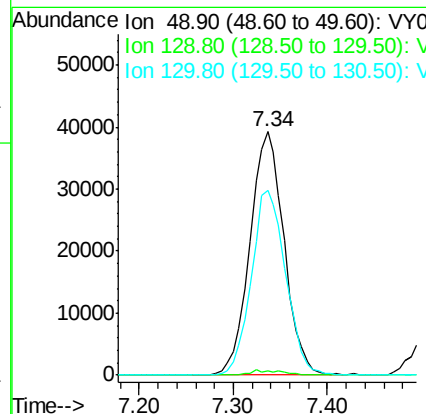
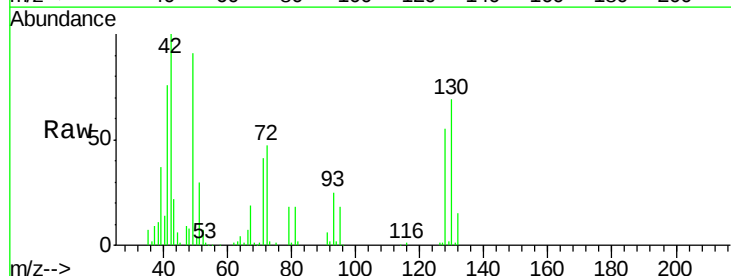
MMDadoda
9/25/2019 12:39:46 AM

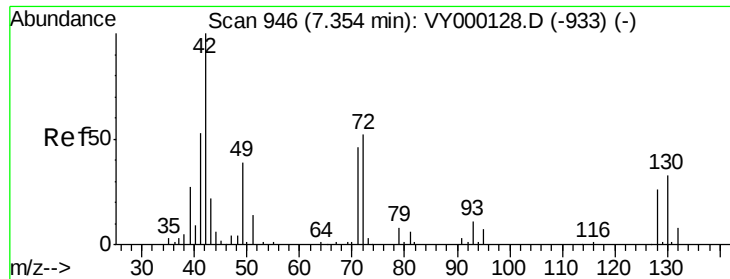


#28

Bromochloromethane
Concen: 104.479 ug/l
RT: 7.34 min Scan# 943
Delta R.T. 0.00 min
Lab File: VY000129.D
Acq: 23 Sep 2019 12:31

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.8	0.0	3.4
130	76.5	62.0	93.0





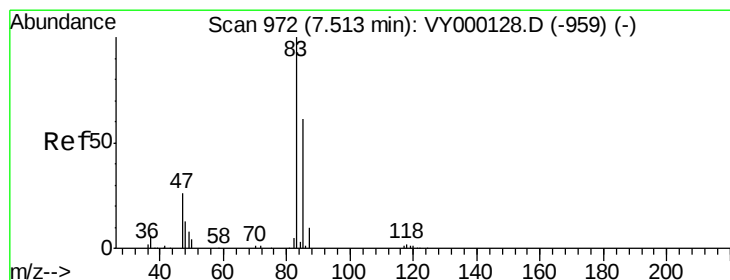
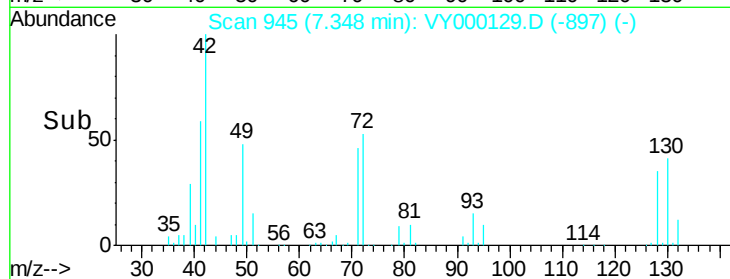
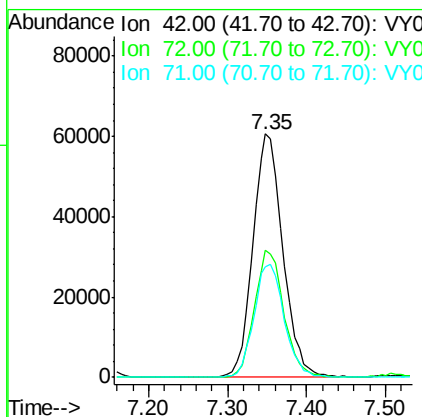
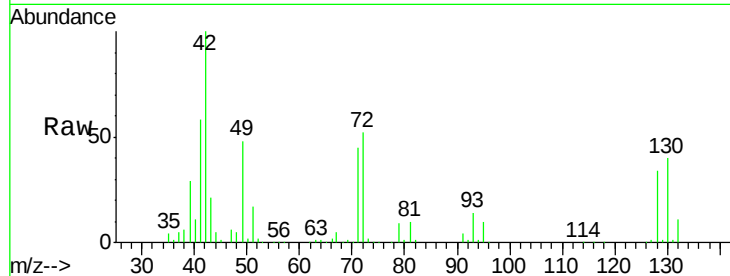
#29
Tetrahydrofuran
Concen: 503.002 ug/l
RT: 7.35 min Scan# 945
Delta R.T. -0.01 min
Lab File: VY000129.D
Acq: 23 Sep 2019 12:31

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
42	100		
72	51.3	41.8	62.8
71	46.8	38.6	58.0

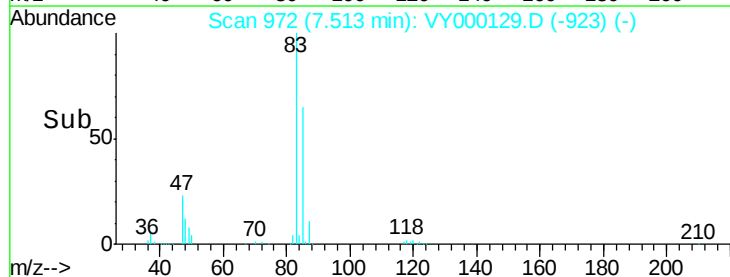
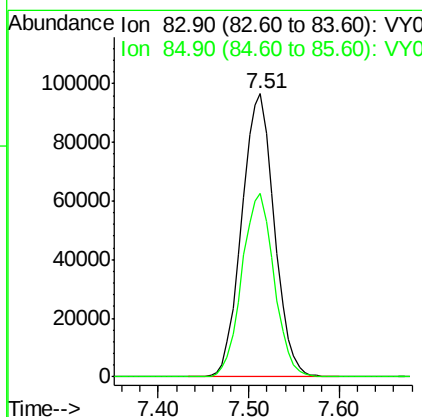
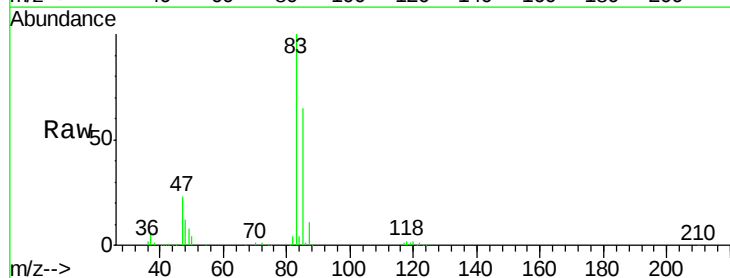
Manual Integrations
APPROVED

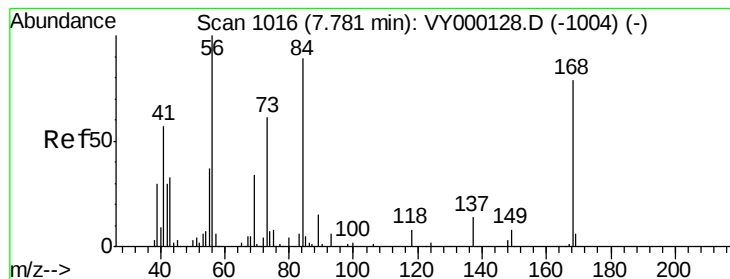
MMDadoda
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#30
Chloroform
Concen: 97.613 ug/l
RT: 7.51 min Scan# 972
Delta R.T. 0.00 min
Lab File: VY000129.D
Acq: 23 Sep 2019 12:31

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.1	49.0	73.6





#31

Cyclohexane

Concen: 93.123 ug/l

RT: 7.78 min Scan# 1016

Delta R.T. 0.00 min

Lab File: VY000129.D

Acq: 23 Sep 2019 12:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

Tot Ion: 56 Resp: 235382

Ion Ratio Lower Upper

56 100

69 32.0 27.1 40.7

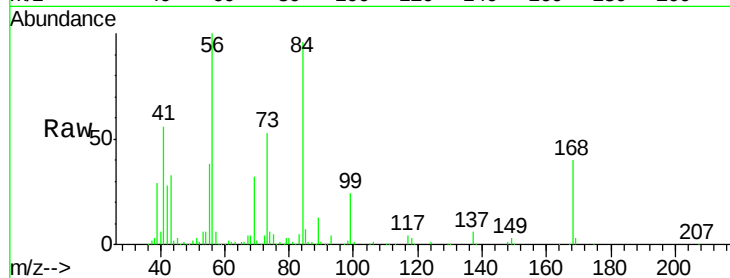
84 94.5 71.3 106.9

Manual Integrations

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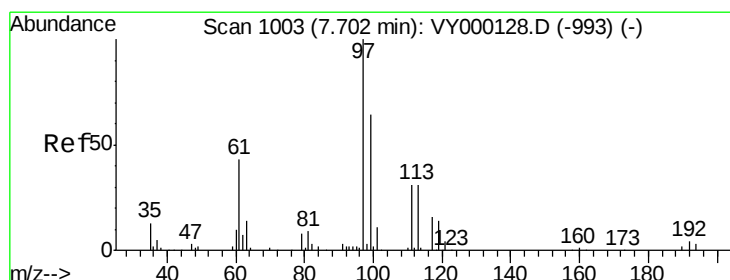
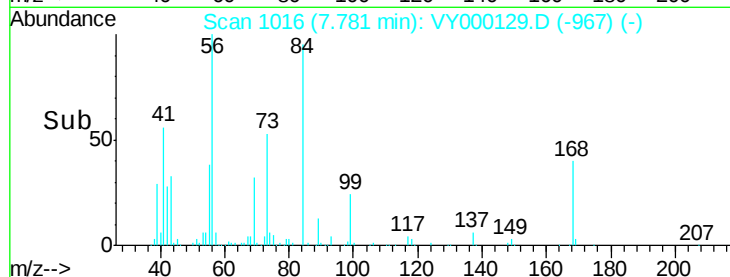
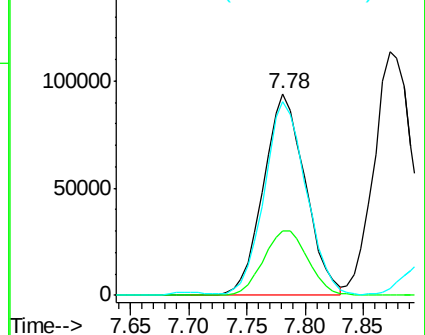
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Abundance Ion 56.00 (55.70 to 56.70): VY0

Ion 69.00 (68.70 to 69.70): VY0

Ion 84.00 (83.70 to 84.70): VY0



#32

1,1,1-Trichloroethane

Concen: 100.744 ug/l

RT: 7.70 min Scan# 1003

Delta R.T. 0.00 min

Lab File: VY000129.D

Acq: 23 Sep 2019 12:31

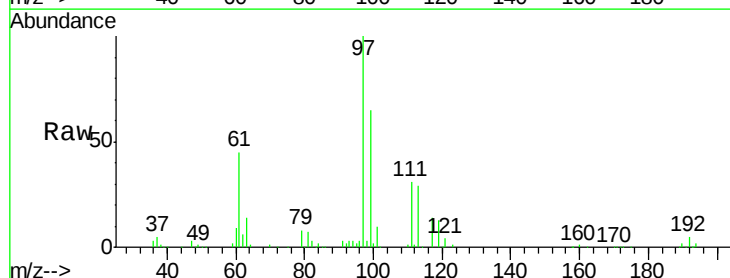
Tgt Ion: 97 Resp: 203393

Ion Ratio Lower Upper

97 100

99 63.6 51.3 76.9

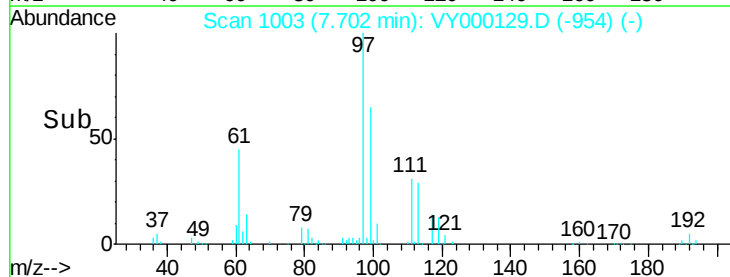
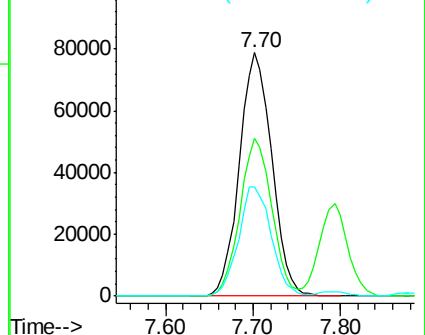
61 45.2 36.0 54.0

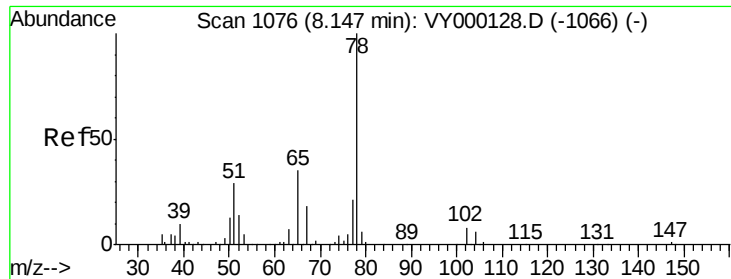


Abundance Ion 96.90 (96.60 to 97.60): VY0

Ion 98.90 (98.60 to 99.60): VY0

Ion 60.90 (60.60 to 61.60): VY0





#33

1,2-Dichloroethane-d4

Concen: 98.179 ug/l

RT: 8.14 min Scan# 1075

Delta R.T. -0.01 min

Lab File: VY000129.D

Acq: 23 Sep 2019 12:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

Tot Ion: 65 Resp: 127588

Ion Ratio Lower Upper

65 100

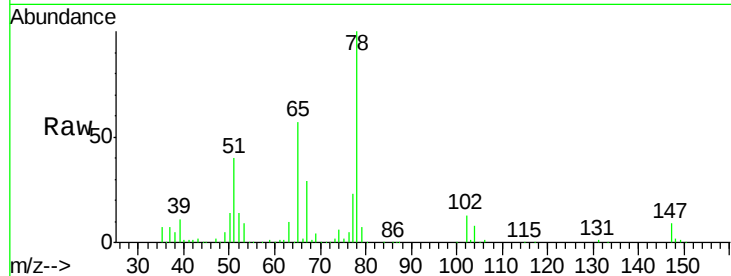
67 55.0 0.0 109.6

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Abundance Ion 64.90 (64.60 to 65.60): VY000129.D (-1066) (-)

Ion 66.90 (66.60 to 67.60): VY000129.D (-1066) (-)

8.14

60000

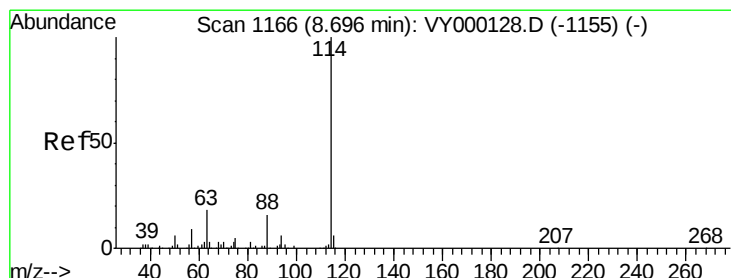
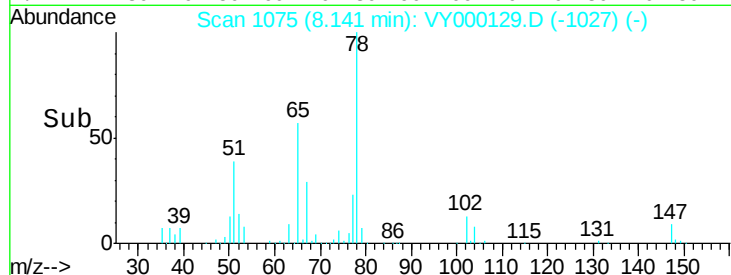
40000

20000

0

8.05 8.10 8.15 8.20

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.69 min Scan# 1165

Delta R.T. -0.01 min

Lab File: VY000129.D

Acq: 23 Sep 2019 12:31

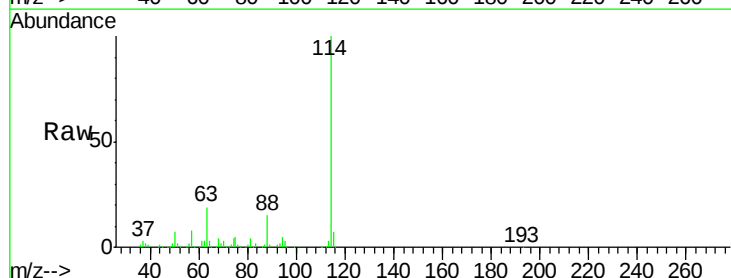
Tgt Ion: 114 Resp: 212542

Ion Ratio Lower Upper

114 100

63 18.9 0.0 35.6

88 15.5 0.0 31.8



Abundance Ion 113.90 (113.60 to 114.60): VY000129.D (-1155) (-)

Ion 63.00 (62.70 to 63.70): VY000129.D (-1155) (-)

Ion 87.90 (87.60 to 88.60): VY000129.D (-1155) (-)

8.69

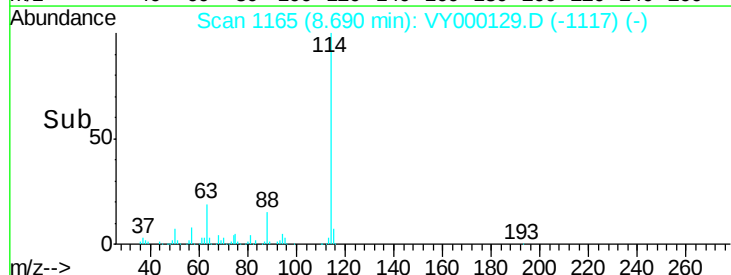
100000

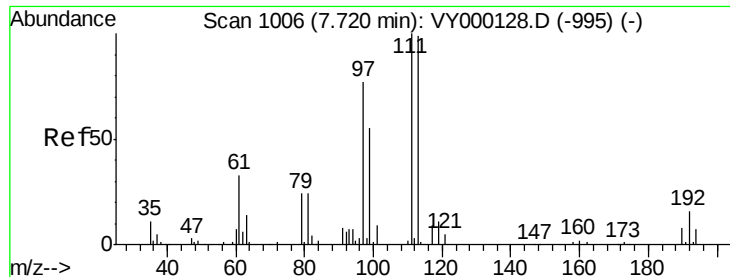
50000

0

8.60 8.65 8.70 8.75 8.80

Time-->





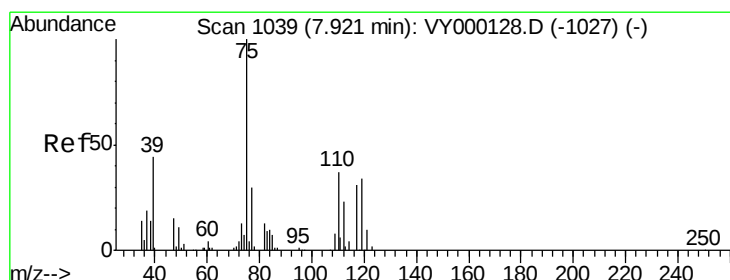
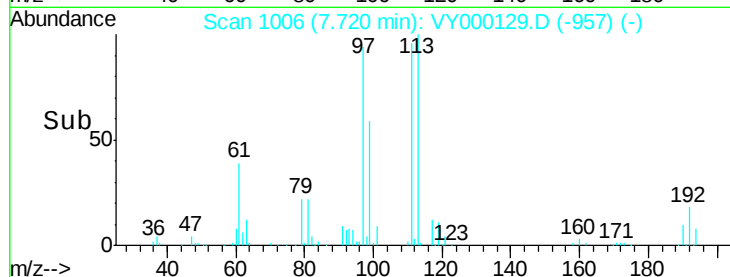
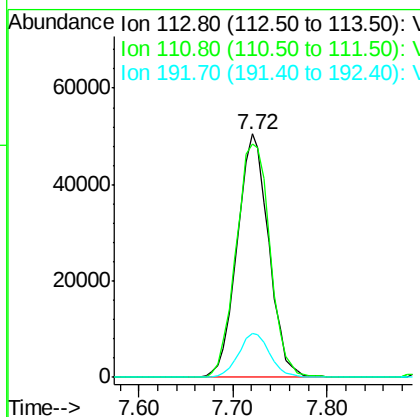
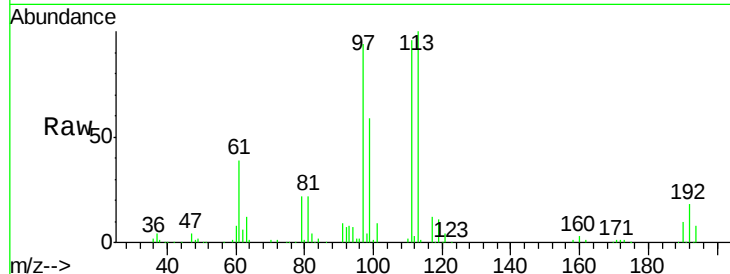
#35
 Dibromofluoromethane
 Concen: 96.879 ug/l
 RT: 7.72 min Scan# 1006
 Delta R.T. 0.00 min
 Lab File: VY000129.D
 Acq: 23 Sep 2019 12:31

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Resp	Lower	Upper
113	100	118232		
111	103.2	83.0	124.4	
192	17.8	13.5	20.3	

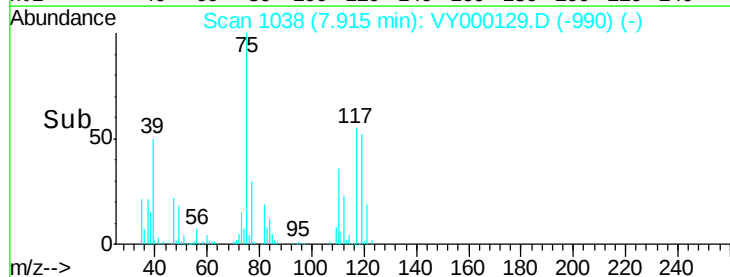
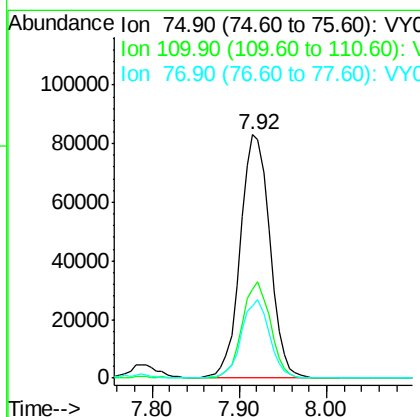
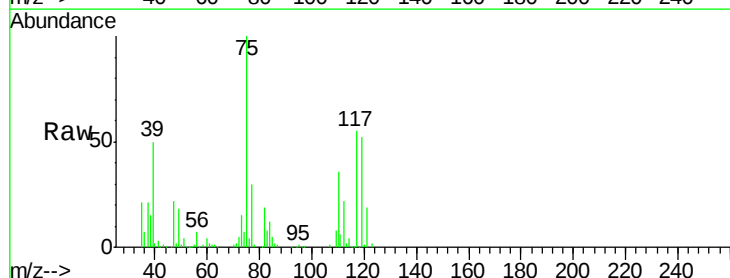
Manual Integrations
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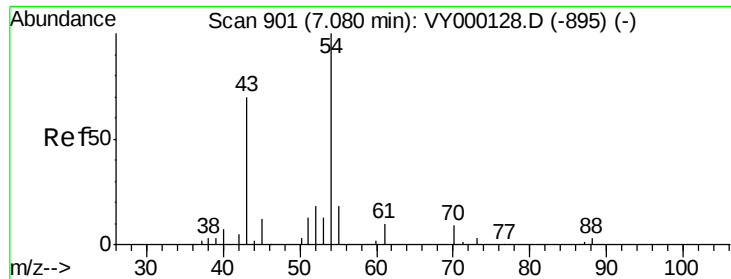
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#36
 1,1-Dichloropropene
 Concen: 99.353 ug/l
 RT: 7.92 min Scan# 1038
 Delta R.T. -0.01 min
 Lab File: VY000129.D
 Acq: 23 Sep 2019 12:31

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	195523		
110	37.4	19.1	57.3	
77	30.9	24.7	37.1	





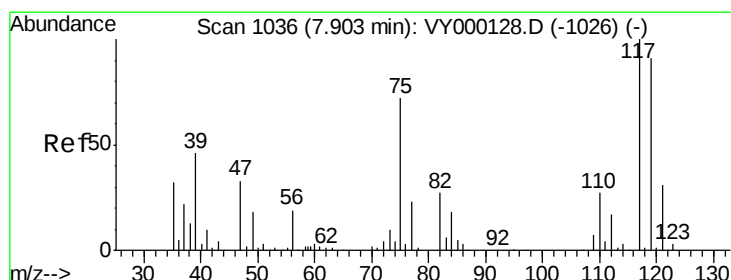
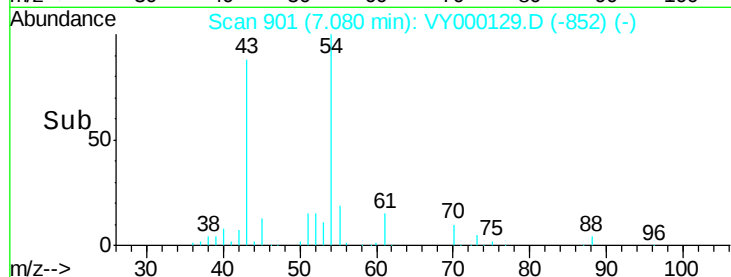
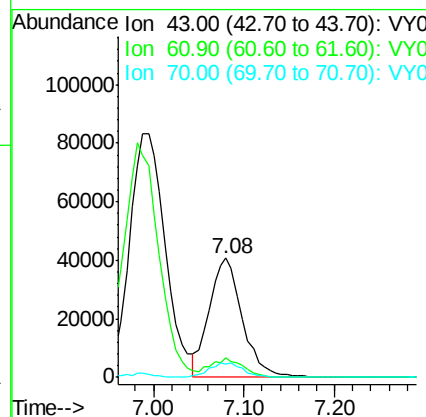
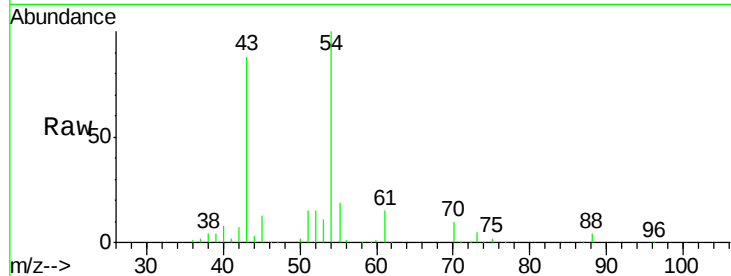
#37
Ethyl Acetate
Concen: 100.049 ug/l
RT: 7.08 min Scan# 901
Delta R.T. 0.00 min
Lab File: VY000129.D
Acq: 23 Sep 2019 12:31

Instrument :
MSVOA_Y
ClientSampled :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.9	12.1	18.1
70	12.5	10.0	15.0

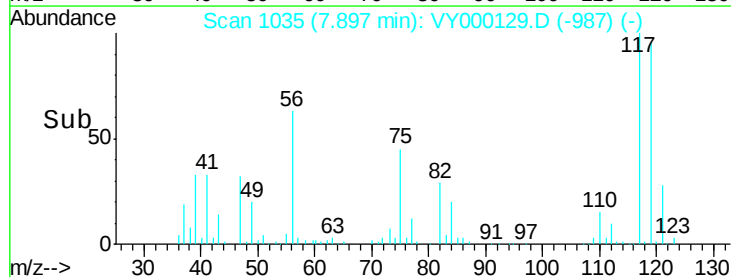
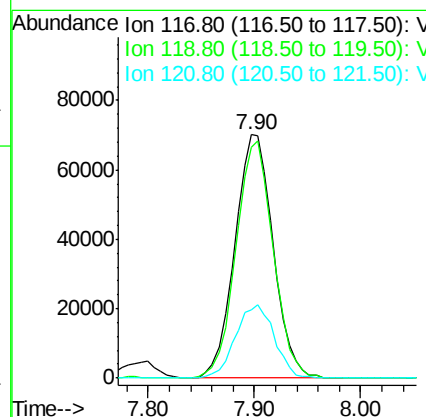
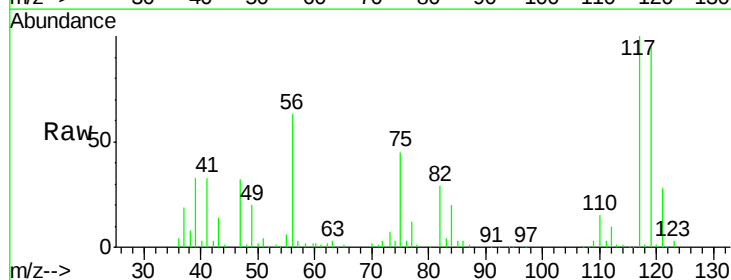
Manual Integrations
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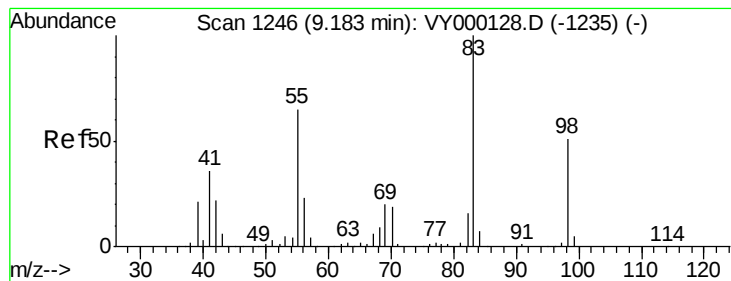
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#38
Carbon Tetrachloride
Concen: 104.636 ug/l
RT: 7.90 min Scan# 1035
Delta R.T. -0.01 min
Lab File: VY000129.D
Acq: 23 Sep 2019 12:31

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.0	72.6	108.8
121	28.1	24.3	36.5





#39

Methvlcvclohexane

Concen: 99.865 ug/l

RT: 9.18 min Scan# 1246

Delta R.T. 0.00 min

Lab File: VY000129.D

Acq: 23 Sep 2019 12:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

Tot Ion: 83 Resp: 270302

Ion Ratio Lower Upper

83 100

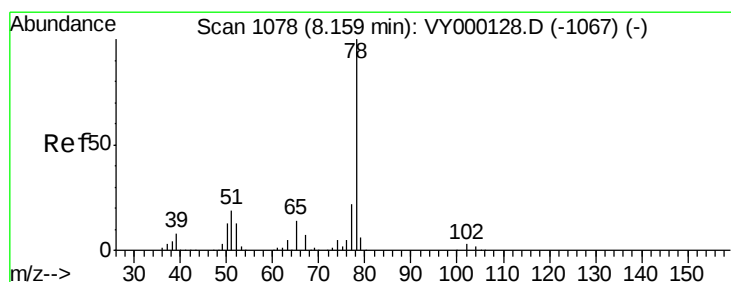
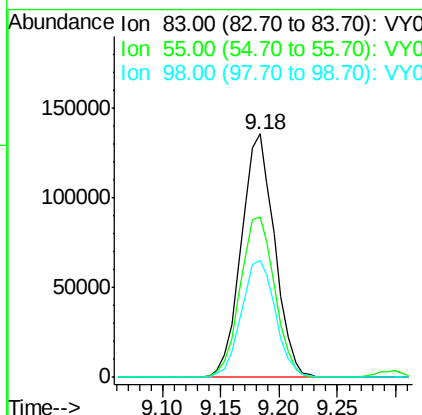
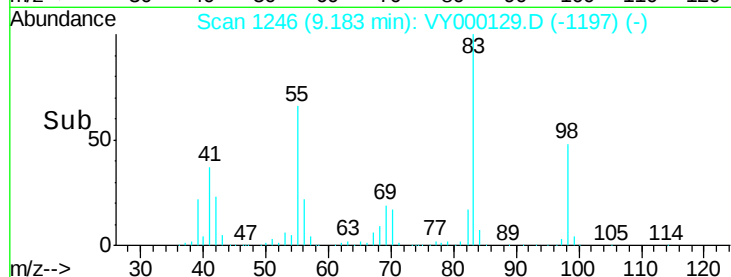
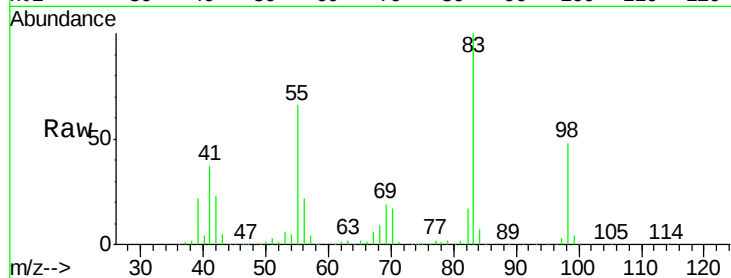
55 66.1 52.3 78.5

98 47.9 40.6 61.0

Manual Integrations
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#40

Benzene

Concen: 100.616 ug/l

RT: 8.16 min Scan# 1078

Delta R.T. -0.00 min

Lab File: VY000129.D

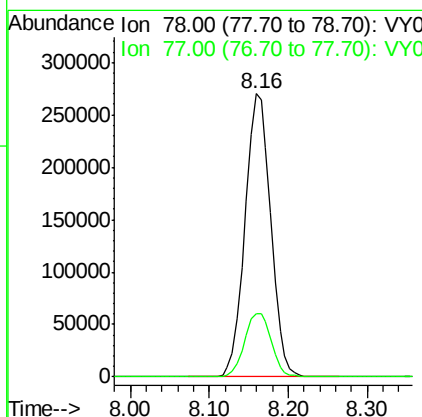
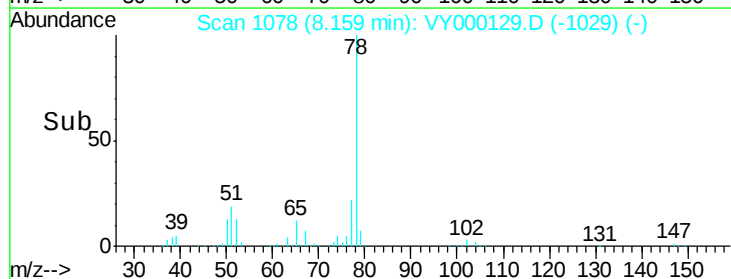
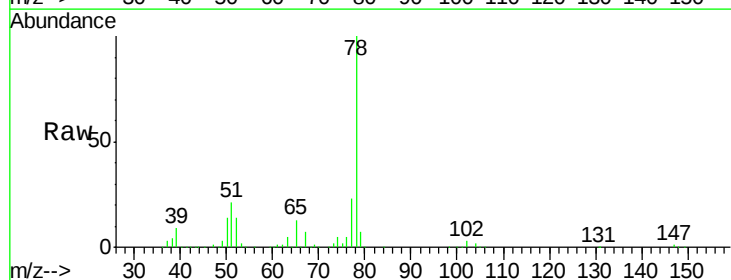
Acq: 23 Sep 2019 12:31

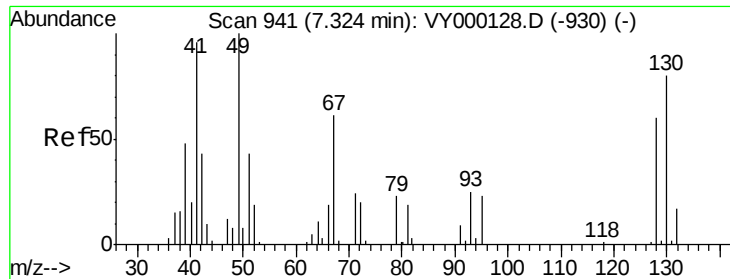
Tgt Ion: 78 Resp: 611117

Ion Ratio Lower Upper

78 100

77 22.5 17.9 26.9





#41

Methacrylonitrile

Concen: 64.634 ug/l m

RT: 7.32 min Scan# 941

Delta R.T. -0.00 min

Lab File: VY000129.D

Acq: 23 Sep 2019 12:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

Tot Ion: 41 Resp: 53309

Ion Ratio Lower Upper

41 100

39 0.0 53.4 80.0#

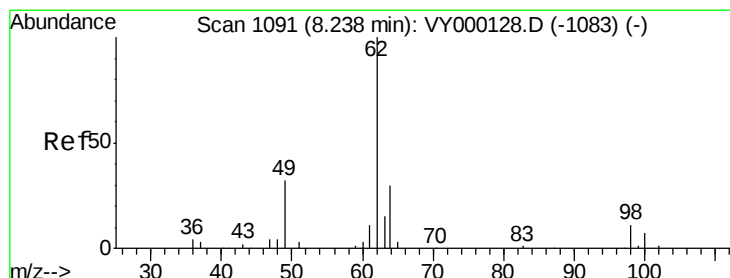
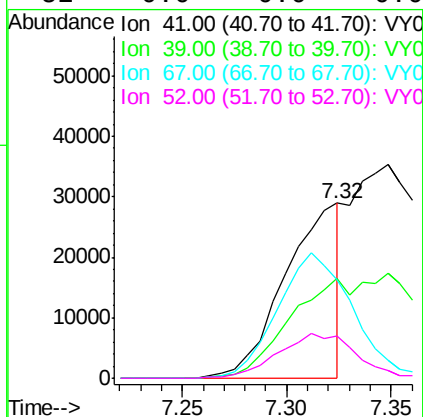
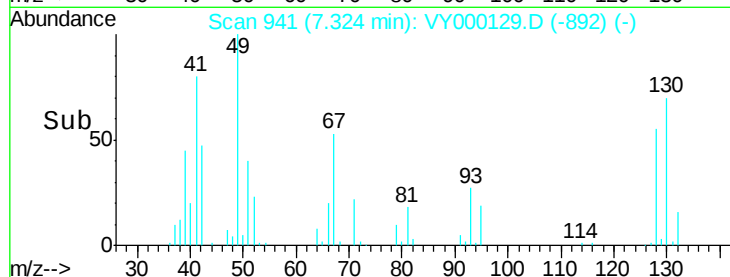
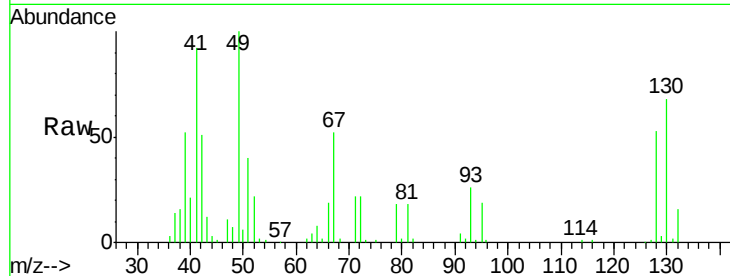
67 0.0 0.0 0.0

52 0.0 0.0 0.0

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9/25/2019 12:39:46 AM



#42

1,2-Dichloroethane

Concen: 101.152 ug/l

RT: 8.24 min Scan# 1091

Delta R.T. 0.00 min

Lab File: VY000129.D

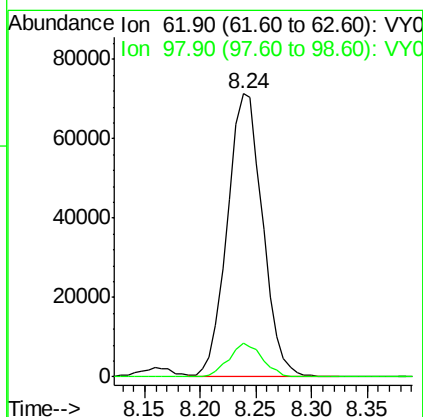
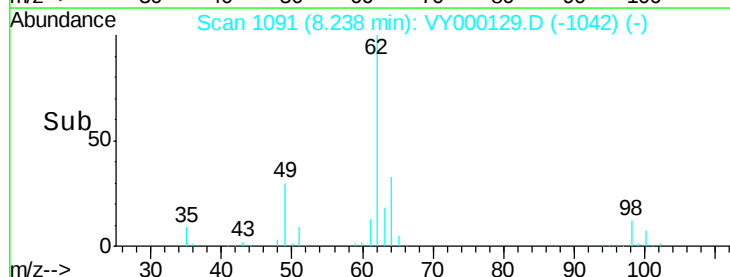
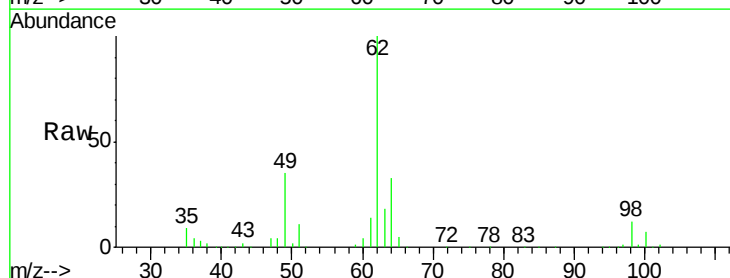
Acq: 23 Sep 2019 12:31

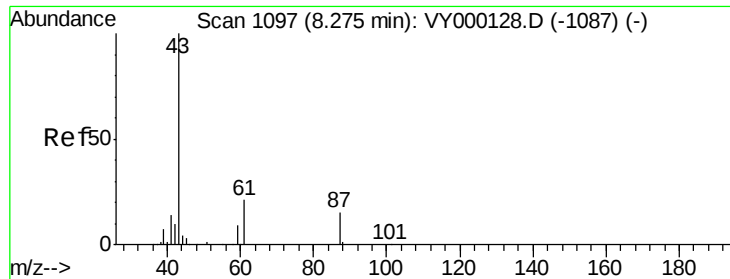
Tgt Ion: 62 Resp: 156671

Ion Ratio Lower Upper

62 100

98 11.3 0.0 22.4





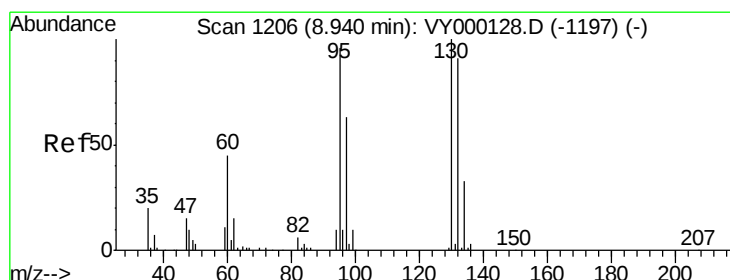
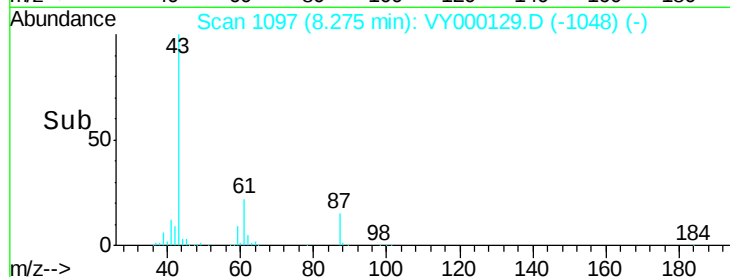
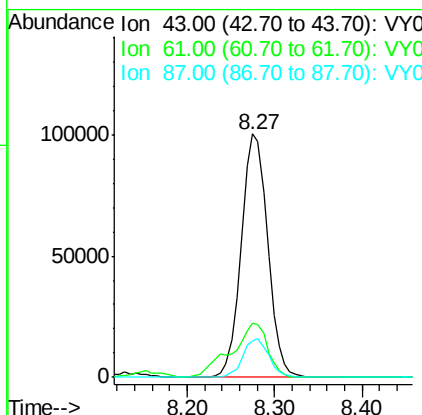
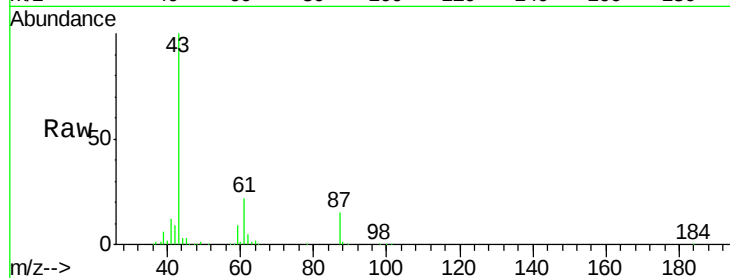
#43
Isopropyl Acetate
Concen: 101.595 ug/l
RT: 8.27 min Scan# 1097
Delta R.T. 0.00 min
Lab File: VY000129.D
Acq: 23 Sep 2019 12:31

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
43	100		
61	30.3	24.6	37.0
87	15.4	12.5	18.7

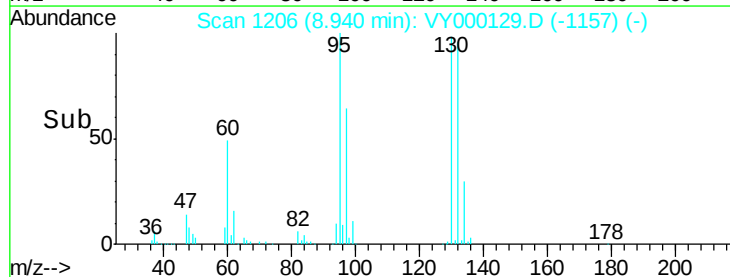
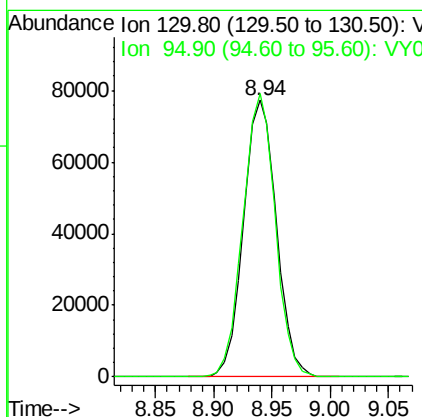
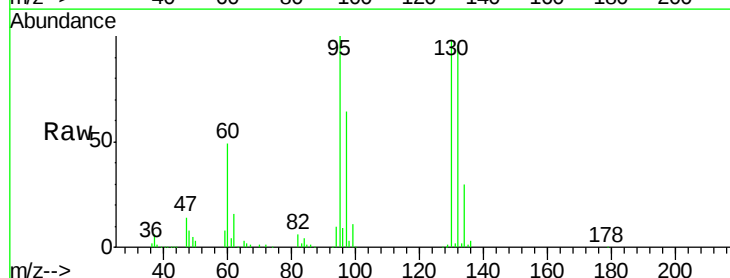
Manual Integrations
APPROVED

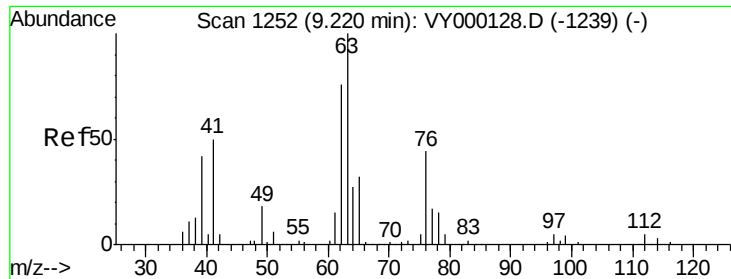
MMDadoda
9/25/2019 12:39:46 AM



#44
Trichloroethene
Concen: 101.157 ug/l
RT: 8.94 min Scan# 1206
Delta R.T. 0.00 min
Lab File: VY000129.D
Acq: 23 Sep 2019 12:31

Tgt Ion	Ratio	Lower	Upper
130	100		
95	102.3	0.0	192.0





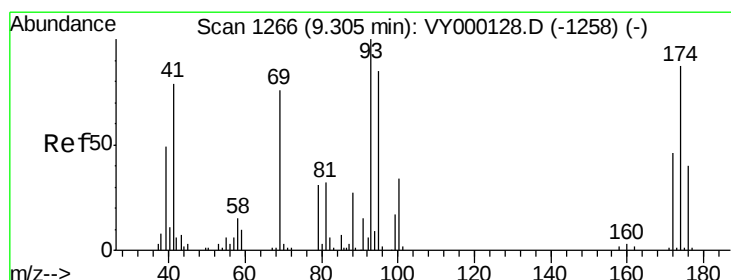
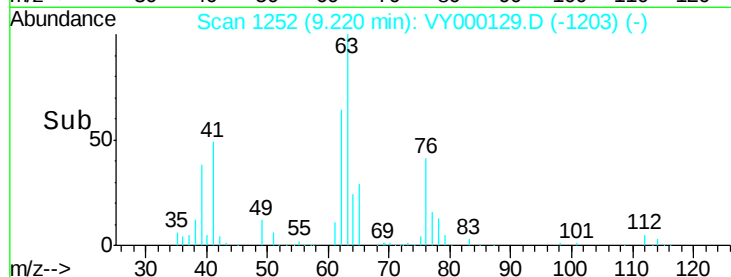
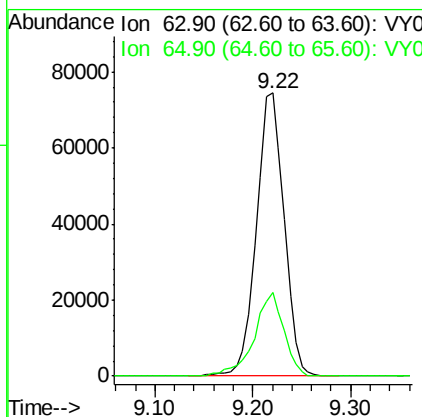
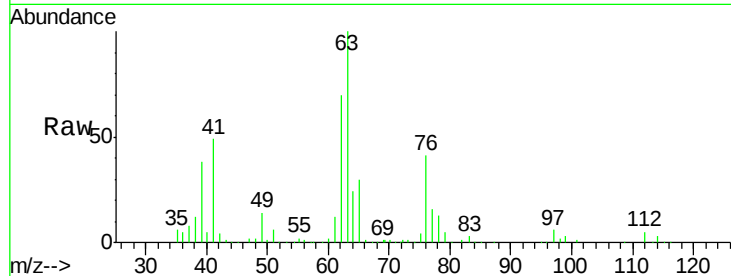
#45
 1,2-Dichloropropane
 Concen: 99.748 ug/l
 RT: 9.22 min Scan# 1252
 Delta R.T. 0.00 min
 Lab File: VY000129.D
 Acq: 23 Sep 2019 12:31

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC100

Tot Ion: 63 Resp: 146334
 Ion Ratio Lower Upper
 63 100
 65 29.5 25.4 38.2

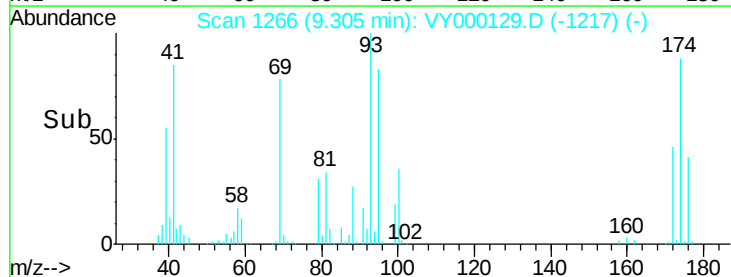
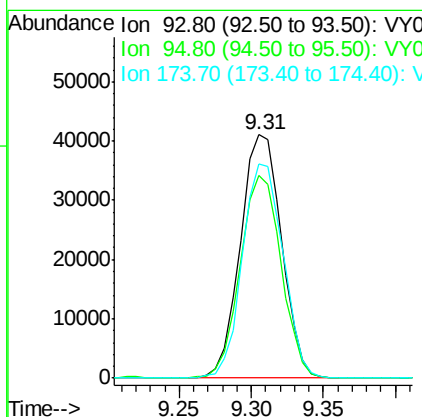
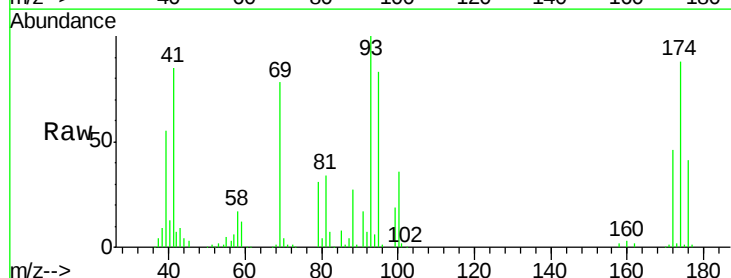
Manual Integrations
 APPROVED

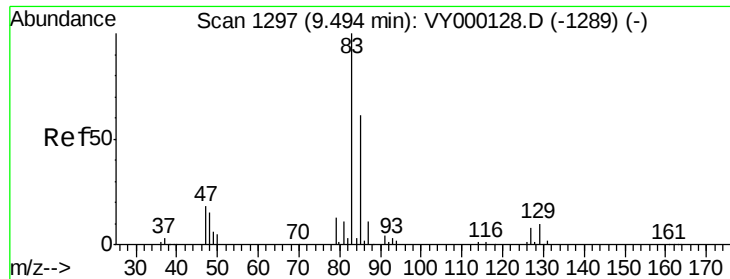
MMDadoda
 9/25/2019 12:39:46 AM



#46
 Dibromomethane
 Concen: 99.741 ug/l
 RT: 9.31 min Scan# 1266
 Delta R.T. 0.00 min
 Lab File: VY000129.D
 Acq: 23 Sep 2019 12:31

Tgt Ion: 93 Resp: 81376
 Ion Ratio Lower Upper
 93 100
 95 82.6 68.6 103.0
 174 86.8 69.4 104.0





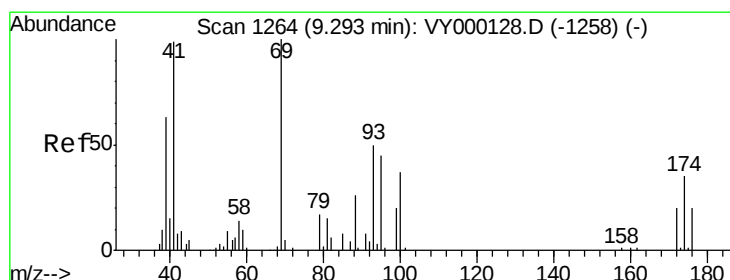
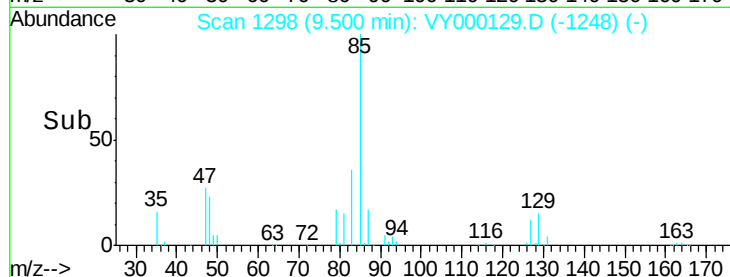
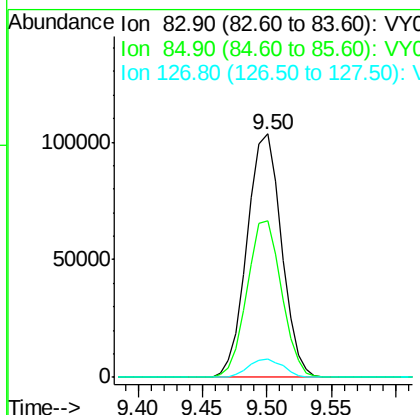
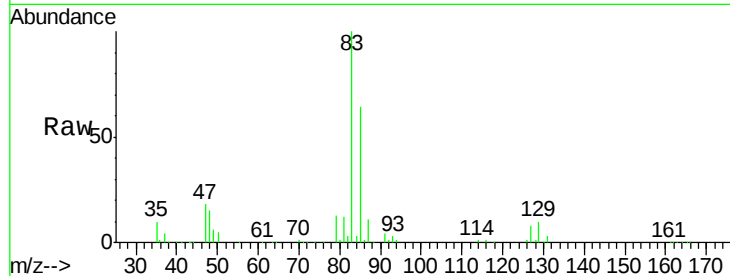
#47
Bromodichloromethane
Concen: 102.484 ug/l
RT: 9.50 min Scan# 1298
Delta R.T. 0.01 min
Lab File: VY000129.D
Acq: 23 Sep 2019 12:31

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Tot Ion	Ratio	Resp	Lower	Upper
83	100	191447		
85	64.3	48.6	73.0	
127	7.8	6.2	9.4	

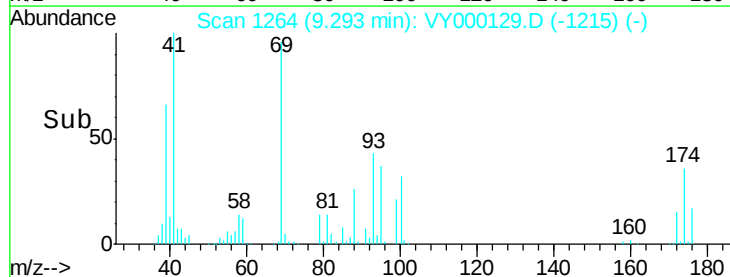
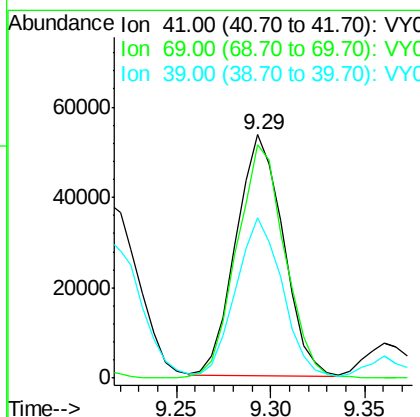
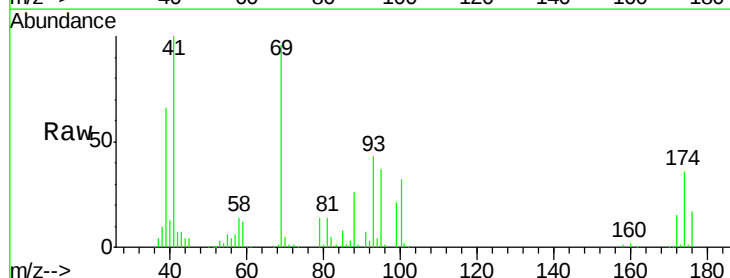
Manual Integrations
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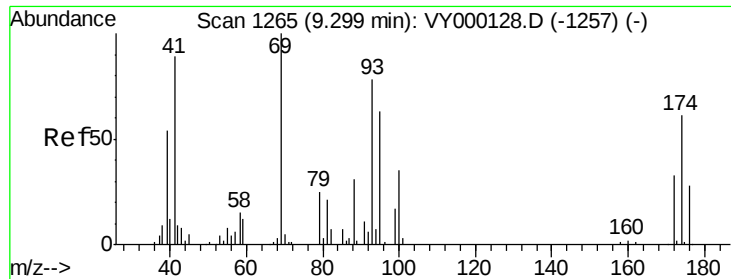
MMDadoda
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#48
Methyl methacrylate
Concen: 103.902 ug/l
RT: 9.29 min Scan# 1264
Delta R.T. 0.00 min
Lab File: VY000129.D
Acq: 23 Sep 2019 12:31

Tgt Ion	Ratio	Resp	Lower	Upper
41	100	92301		
69	99.1	81.0	121.6	
39	66.7	53.2	79.8	





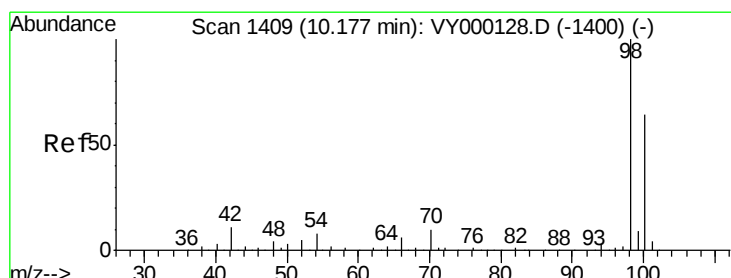
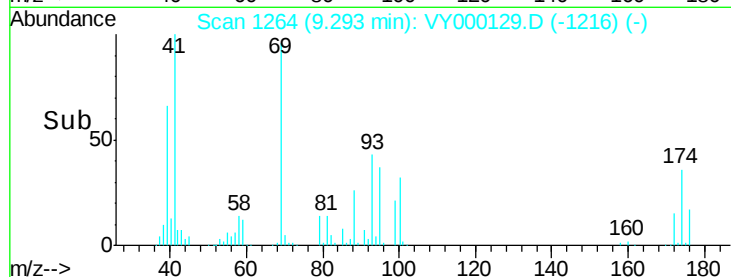
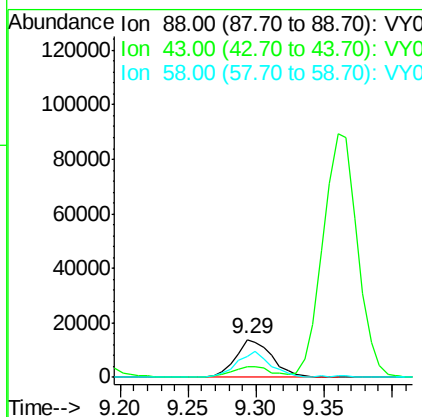
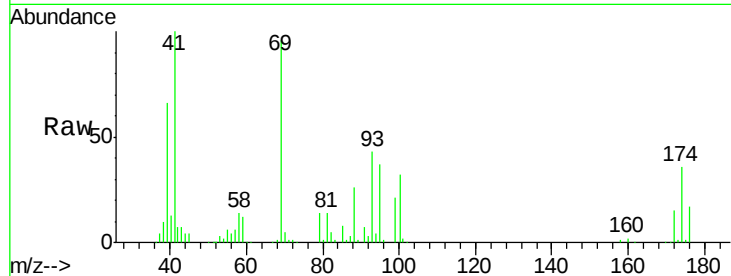
#49
 1,4-Dioxane
 Concen: 2000.492 ug/l
 RT: 9.29 min Scan# 1264
 Delta R.T. -0.01 min
 Lab File: VY000129.D
 Acq: 23 Sep 2019 12:31

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Lower	Upper
88	100		
43	30.9	22.6	33.8
58	62.9	42.5	63.7

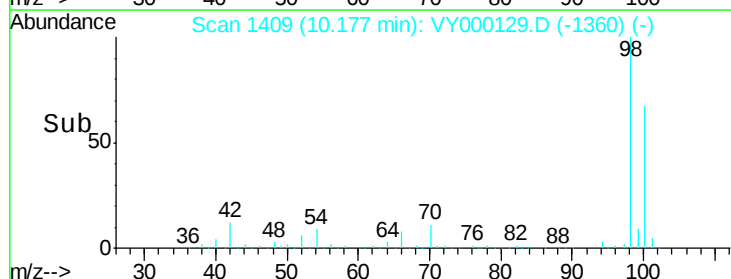
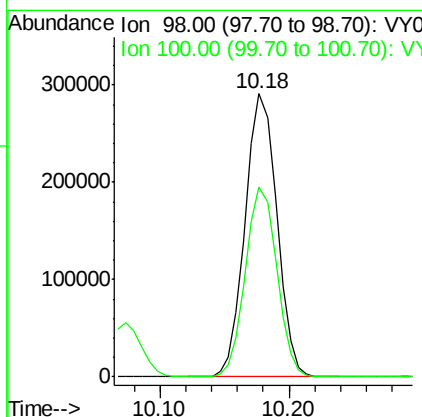
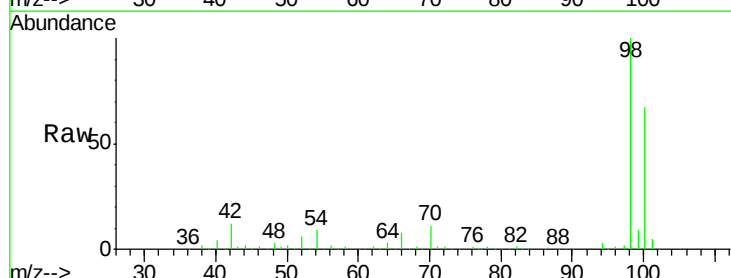
Manual Integrations
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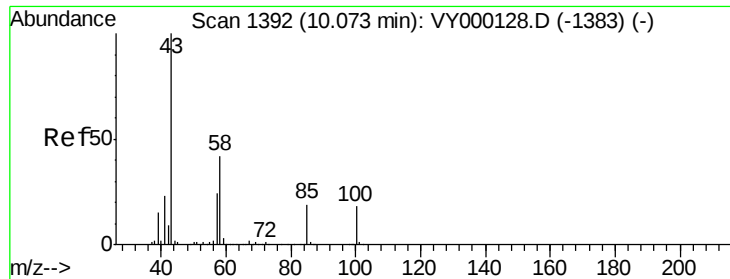
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#50
 Toluene-d8
 Concen: 101.045 ug/l
 RT: 10.18 min Scan# 1409
 Delta R.T. 0.00 min
 Lab File: VY000129.D
 Acq: 23 Sep 2019 12:31

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.5	52.7	79.1





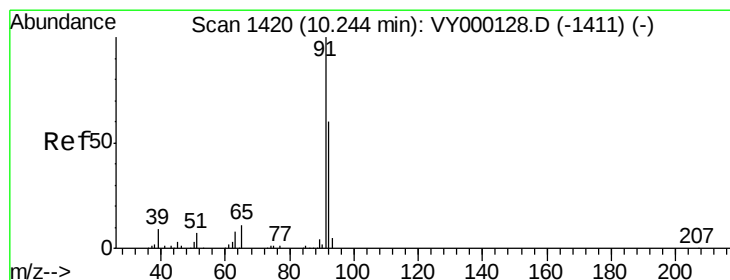
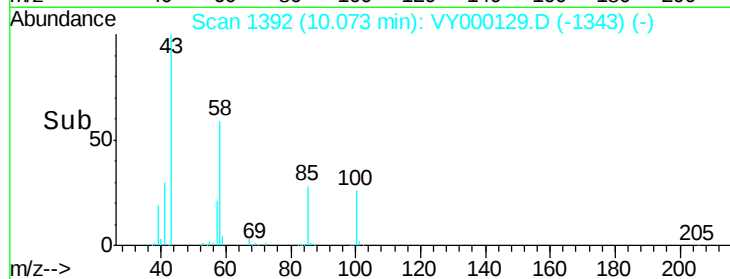
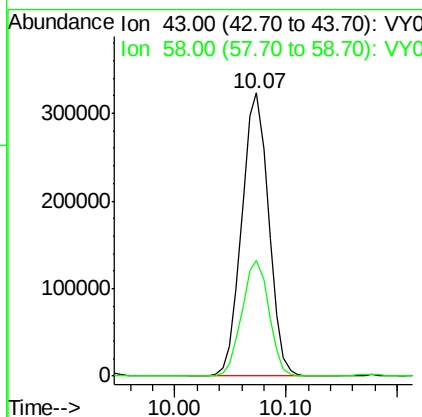
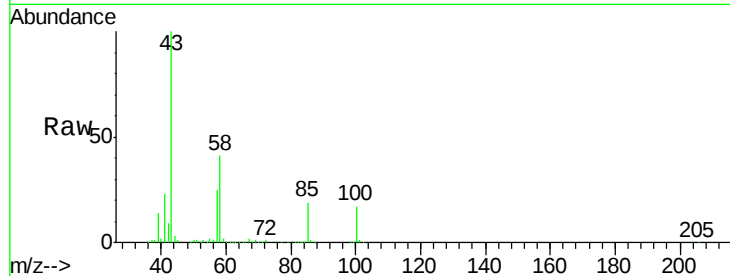
#51
 4-Methyl-2-Pentanone
 Concen: 512.288 ug/l
 RT: 10.07 min Scan# 1392
 Delta R.T. 0.00 min
 Lab File: VY000129.D
 Acq: 23 Sep 2019 12:31

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC100

Tot Ion	43	Resp	542665
Ion Ratio	100	Lower	Upper
43	100		
58	41.0	33.0	49.6

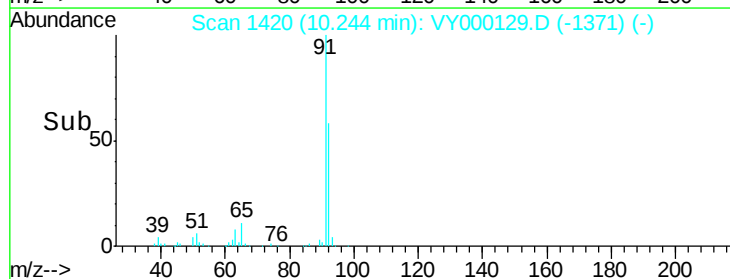
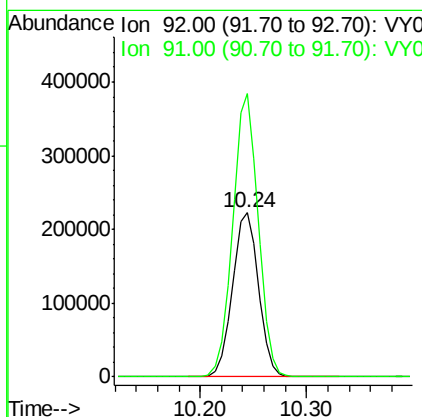
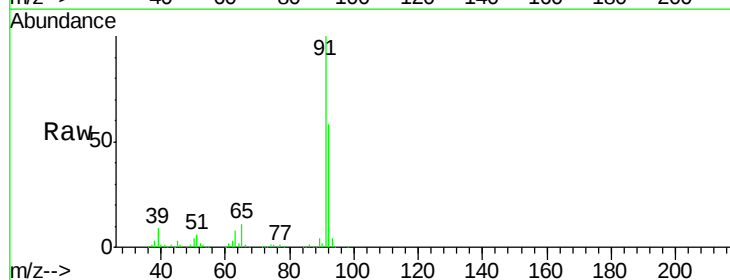
Manual Integrations
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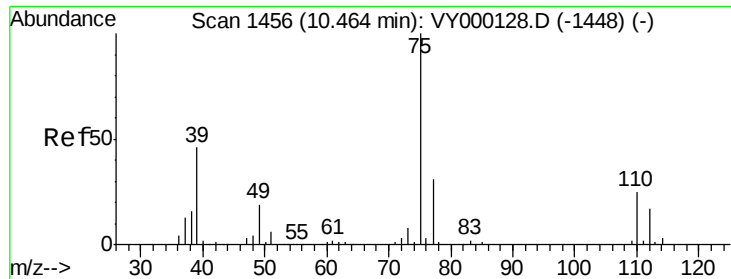
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#52
 Toluene
 Concen: 101.366 ug/l
 RT: 10.24 min Scan# 1420
 Delta R.T. 0.00 min
 Lab File: VY000129.D
 Acq: 23 Sep 2019 12:31

Tgt Ion	92	Resp	380450
Ion Ratio	100	Lower	Upper
92	100		
91	168.9	135.7	203.5





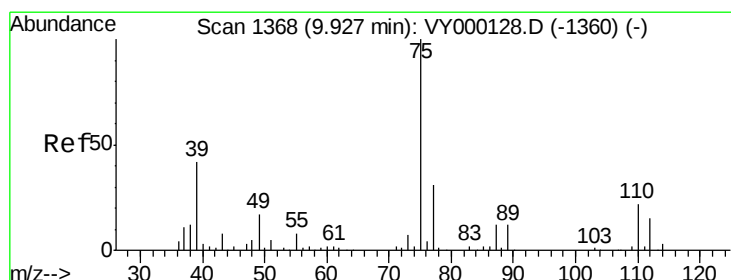
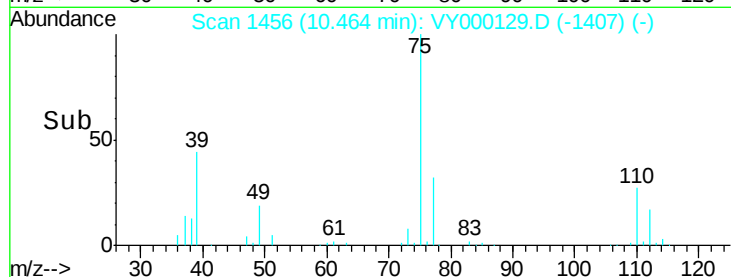
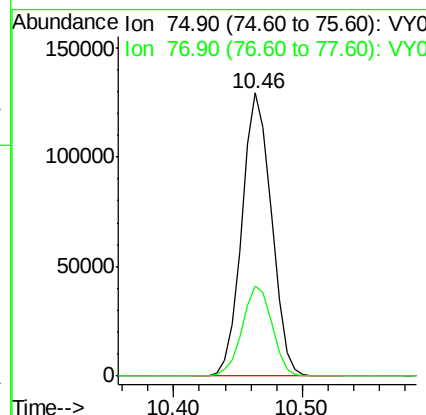
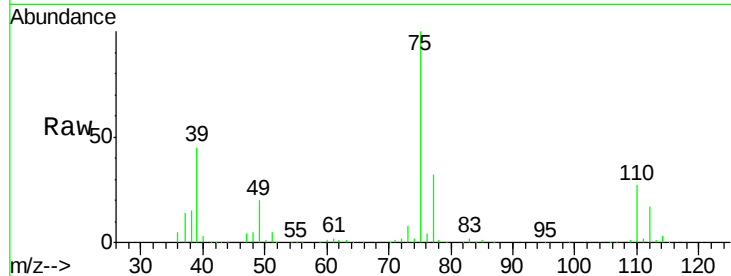
#53
t-1,3-Dichloropropene
Concen: 100.752 ug/l
RT: 10.46 min Scan# 1456
Delta R.T. 0.00 min
Lab File: VY000129.D
Acq: 23 Sep 2019 12:31

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.8	24.9	37.3

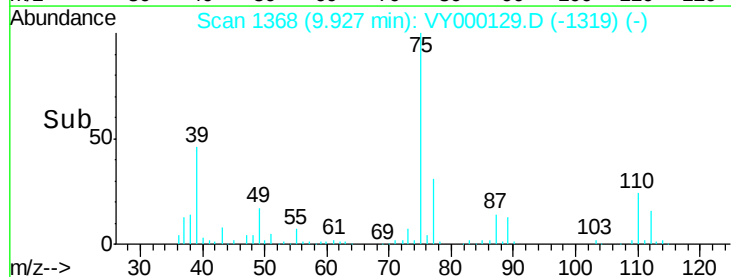
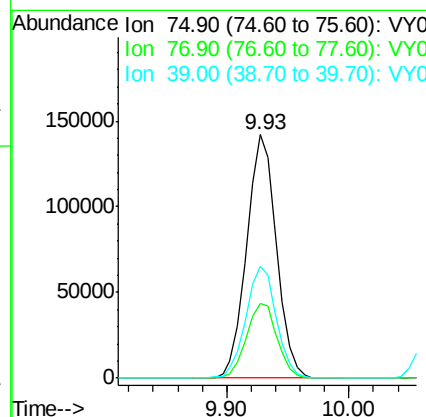
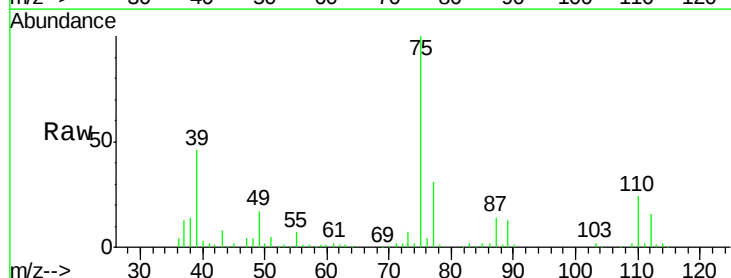
Manual Integrations
APPROVED

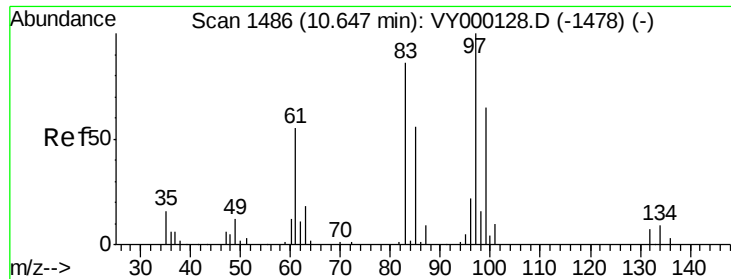
MMDadoda
9/25/2019 12:39:46 AM



#54
cis-1,3-Dichloropropene
Concen: 101.509 ug/l
RT: 9.93 min Scan# 1368
Delta R.T. 0.00 min
Lab File: VY000129.D
Acq: 23 Sep 2019 12:31

Tgt Ion	Ratio	Lower	Upper
75	100		
77	30.8	24.6	37.0
39	45.8	33.8	50.6





#55

1,1,2-Trichloroethane

Concen: 100.810 ug/l

RT: 10.65 min Scan# 1486

Delta R.T. 0.00 min

Lab File: VY000129.D

Acq: 23 Sep 2019 12:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

Tot Ion: 97 Resp: 117784

Ion Ratio Lower Upper

97 100

83 83.6 68.8 103.2

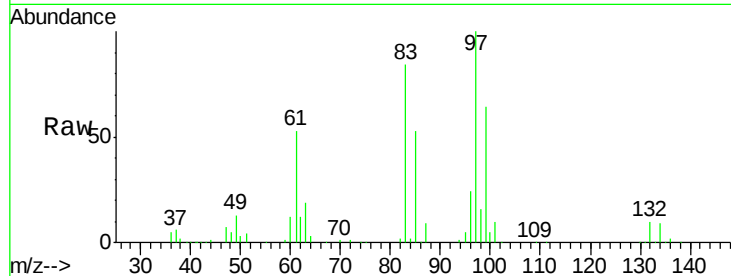
85 53.1 44.9 67.3

99 63.8 52.1 78.1

Manual Integrations
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MMDadoda

9/25/2019 12:39:46 AM

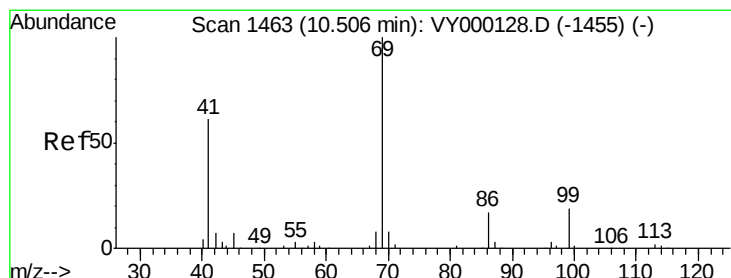
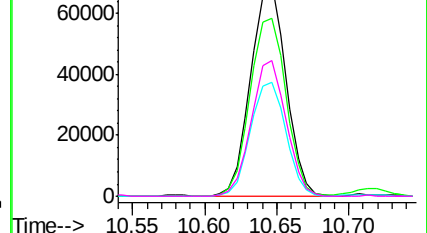
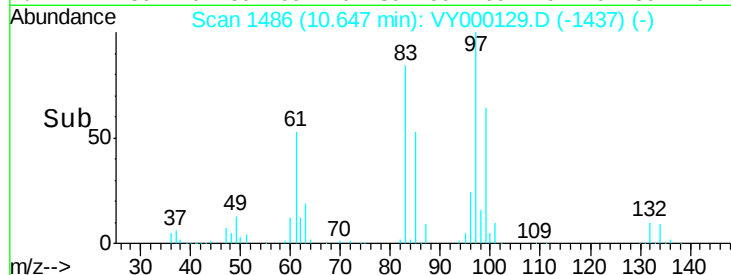


Abundance Ion 96.90 (96.60 to 97.60): VY000129.D (-1478) (-)

Ion 82.90 (82.60 to 83.60): VY000129.D (-1478) (-)

Ion 84.90 (84.60 to 85.60): VY000129.D (-1478) (-)

Ion 98.90 (98.60 to 99.60): VY000129.D (-1478) (-)



#56

Ethyl methacrylate

Concen: 105.441 ug/l

RT: 10.51 min Scan# 1463

Delta R.T. 0.00 min

Lab File: VY000129.D

Acq: 23 Sep 2019 12:31

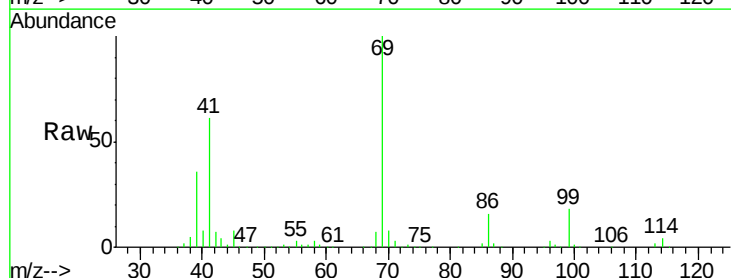
Tgt Ion: 69 Resp: 173532

Ion Ratio Lower Upper

69 100

41 59.8 47.9 71.9

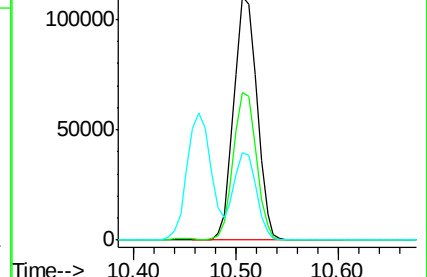
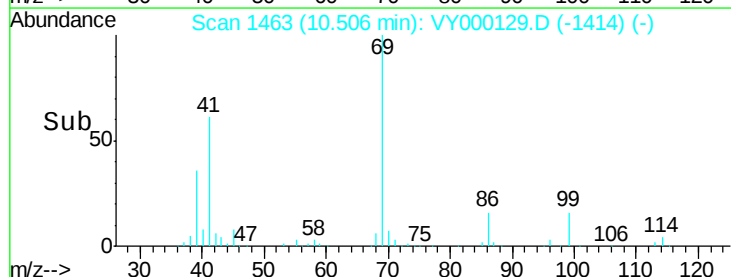
39 34.9 27.4 41.0

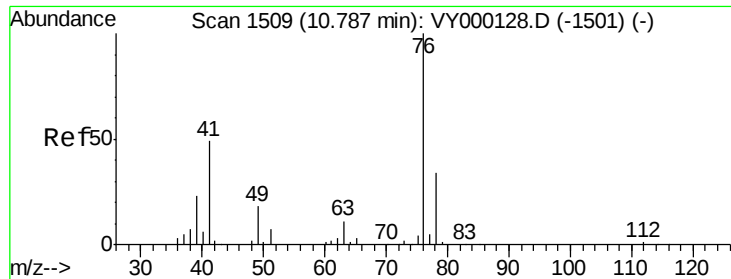


Abundance Ion 69.00 (68.70 to 69.70): VY000129.D (-1455) (-)

Ion 41.00 (40.70 to 41.70): VY000129.D (-1455) (-)

Ion 39.00 (38.70 to 39.70): VY000129.D (-1455) (-)





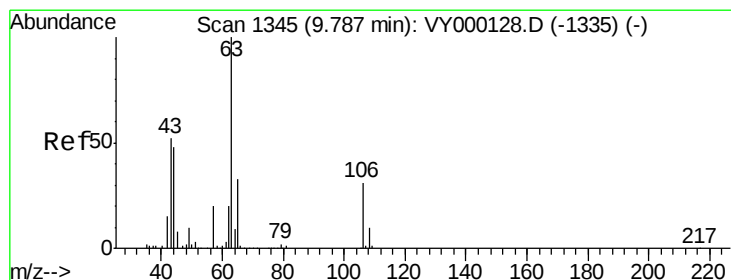
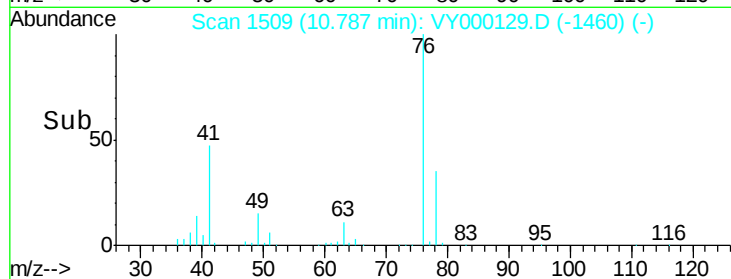
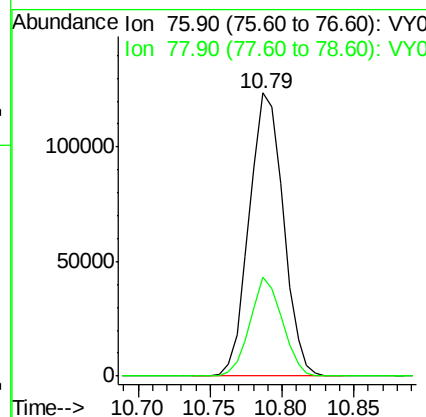
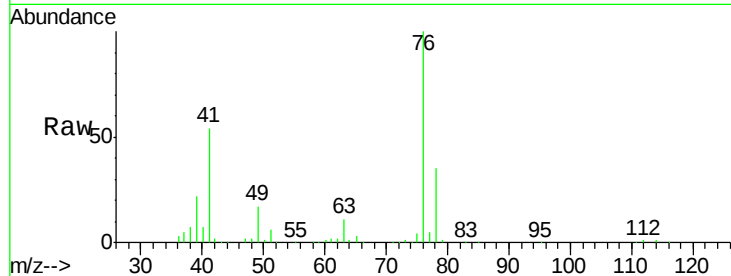
#57
 1,3-Dichloropropane
 Concen: 99.666 ug/l
 RT: 10.79 min Scan# 1509
 Delta R.T. 0.00 min
 Lab File: VY000129.D
 Acq: 23 Sep 2019 12:31

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC100

Tot Ion: 76 Resp: 202445
 Ion Ratio Lower Upper
 76 100
 78 32.9 26.5 39.7

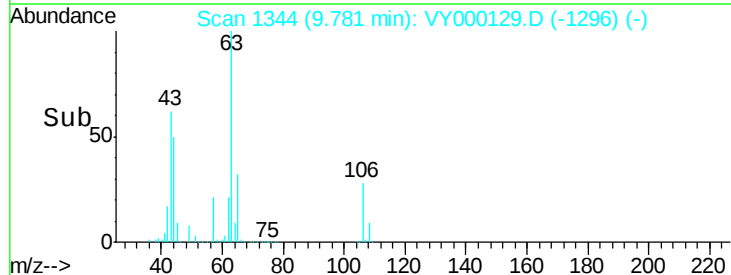
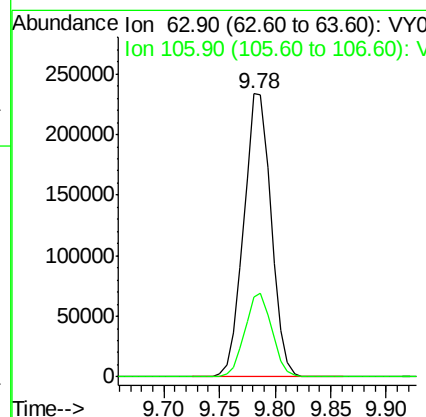
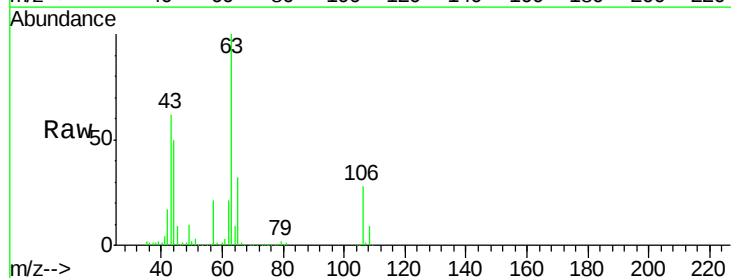
Manual Integrations
 APPROVED

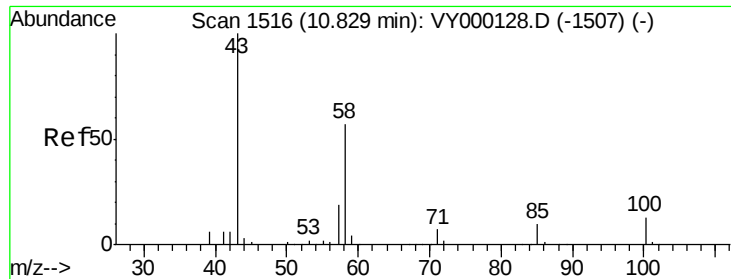
MMDadoda
 9/25/2019 12:39:46 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 490.926 ug/l
 RT: 9.78 min Scan# 1344
 Delta R.T. -0.01 min
 Lab File: VY000129.D
 Acq: 23 Sep 2019 12:31

Tgt Ion: 63 Resp: 398884
 Ion Ratio Lower Upper
 63 100
 106 29.2 23.2 34.8





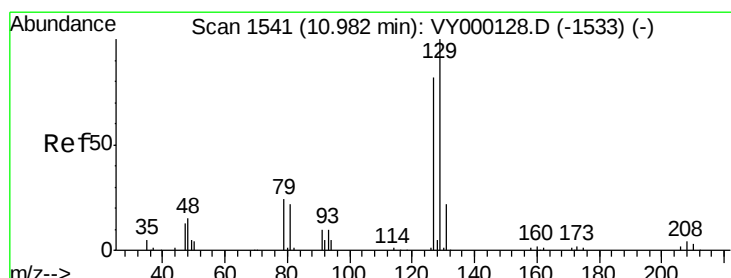
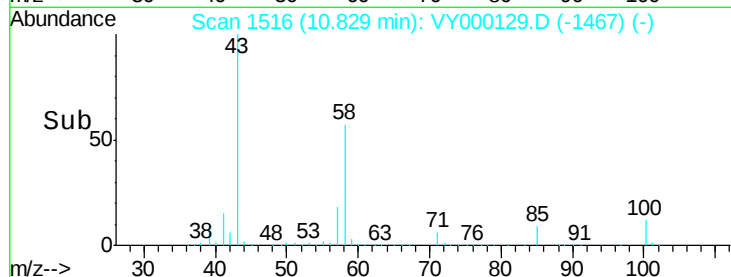
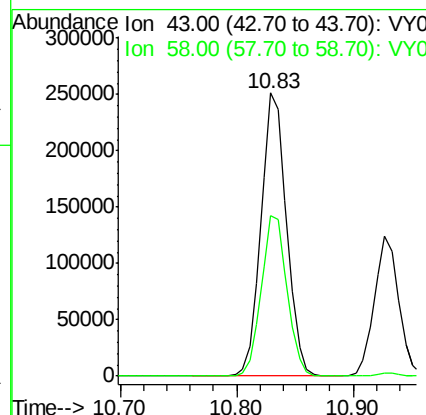
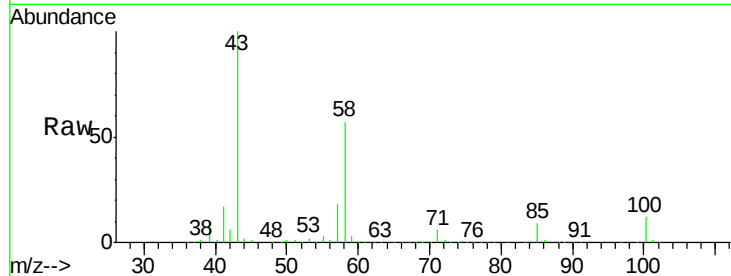
#59
2-Hexanone
Concen: 517.839 ug/l
RT: 10.83 min Scan# 1516
Delta R.T. 0.00 min
Lab File: VY000129.D
Acq: 23 Sep 2019 12:31

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
43	100		
58	57.1	29.1	87.3

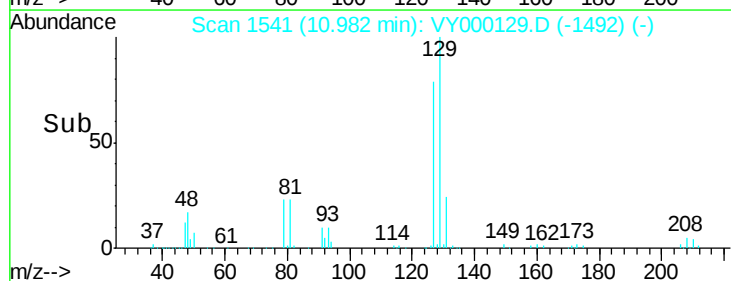
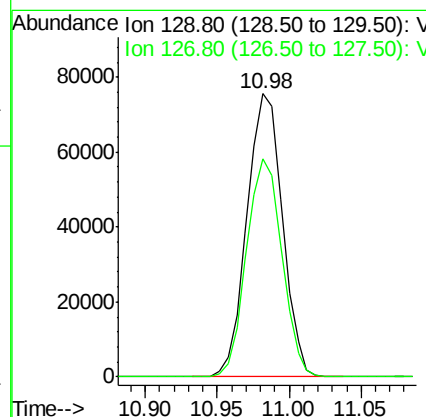
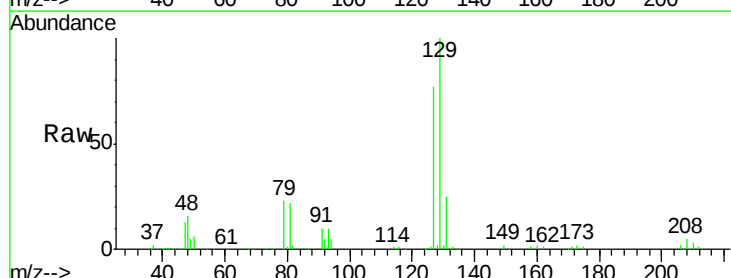
Manual Integrations
APPROVED

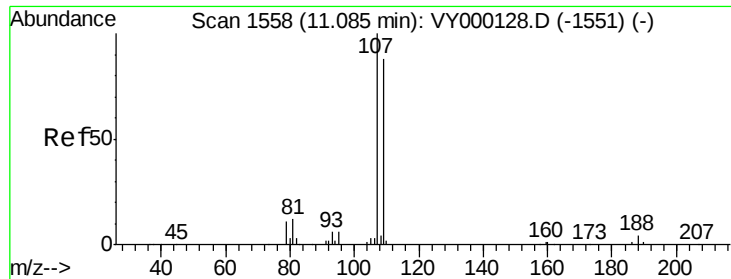
MMDadoda
9/25/2019 12:39:46 AM



#60
Dibromochloromethane
Concen: 105.795 ug/l
RT: 10.98 min Scan# 1541
Delta R.T. 0.00 min
Lab File: VY000129.D
Acq: 23 Sep 2019 12:31

Tgt Ion	Ratio	Lower	Upper
129	100		
127	76.7	37.5	112.3





#61

1,2-Dibromoethane

Concen: 102.010 ug/l

RT: 11.09 min Scan# 1558

Delta R.T. 0.00 min

Lab File: VY000129.D

Acq: 23 Sep 2019 12:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

Tot Ion: 107 Resp: 112013

Ion Ratio Lower Upper

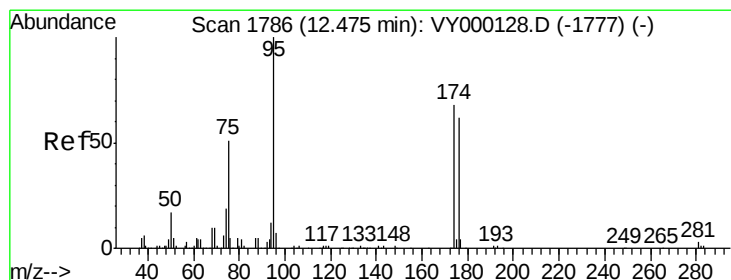
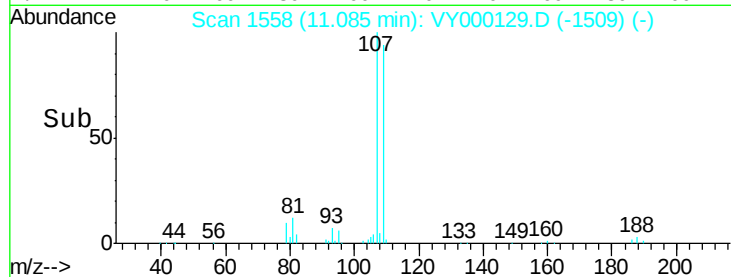
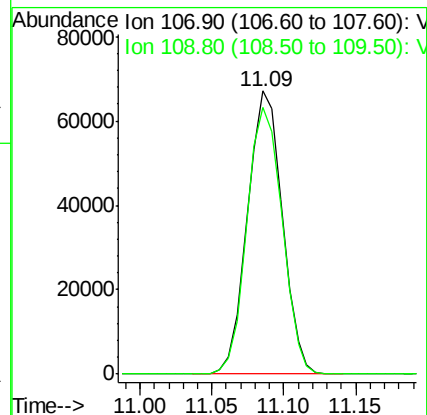
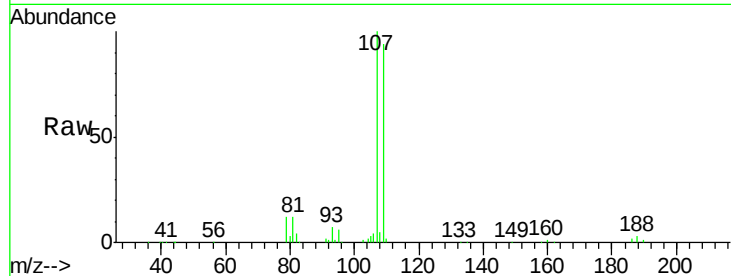
107 100

109 95.8 74.0 111.0

Manual Integrations
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#62

4-Bromofluorobenzene

Concen: 91.226 ug/l

RT: 12.48 min Scan# 1786

Delta R.T. 0.00 min

Lab File: VY000129.D

Acq: 23 Sep 2019 12:31

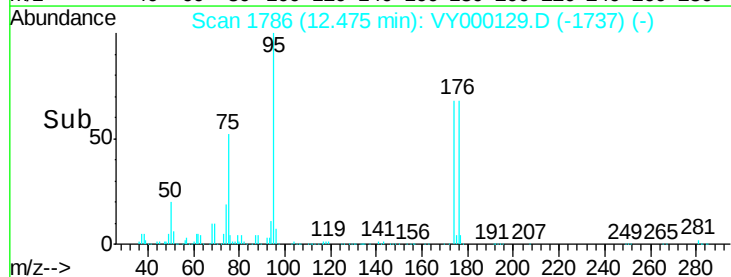
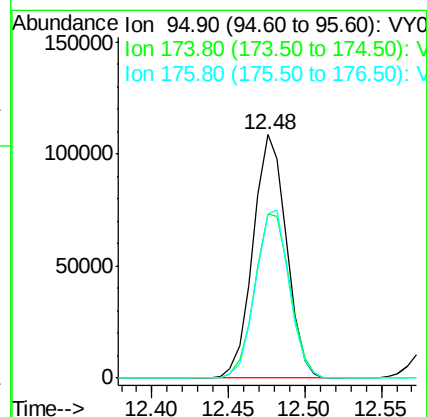
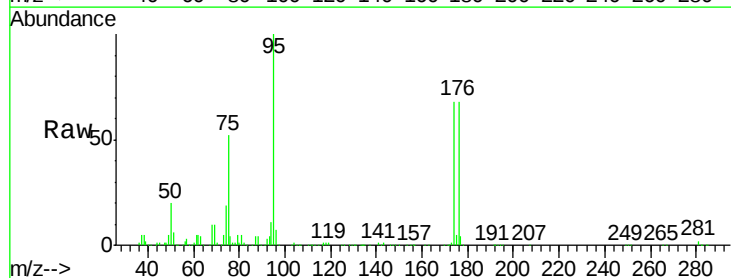
Tgt Ion: 95 Resp: 164836

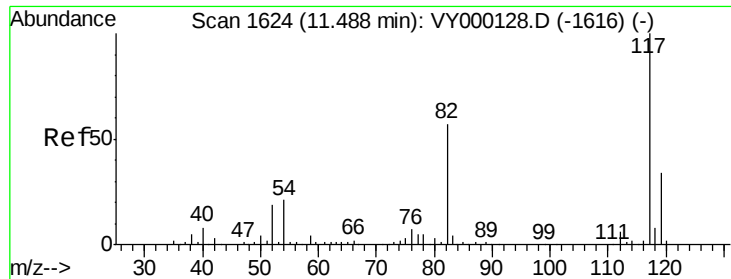
Ion Ratio Lower Upper

95 100

174 71.3 0.0 140.8

176 70.2 0.0 135.0





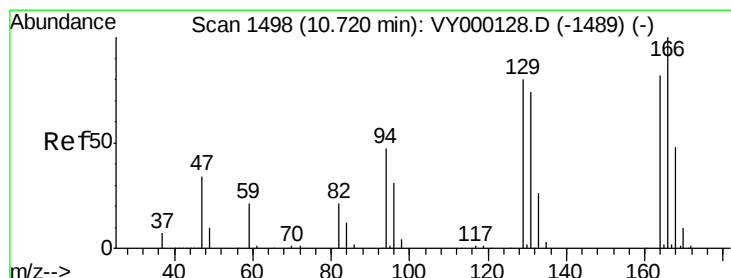
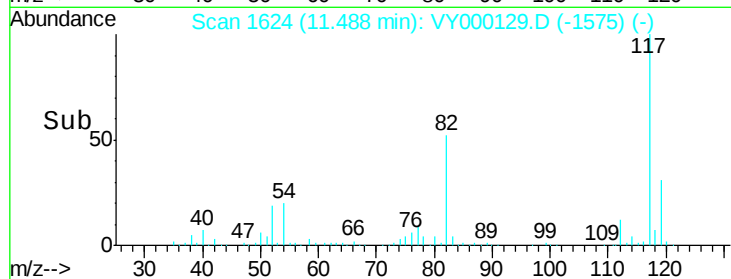
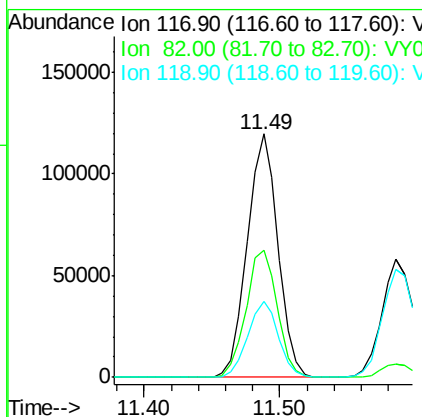
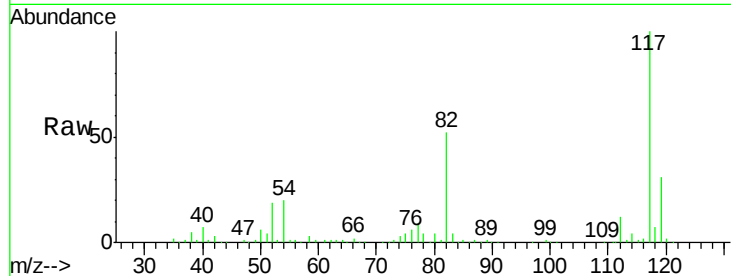
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1624
Delta R.T. 0.00 min
Lab File: VY000129.D
Acq: 23 Sep 2019 12:31

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Resp	Lower	Upper
117	100	188925		
82	52.3	45.5	68.3	
119	31.1	27.3	40.9	

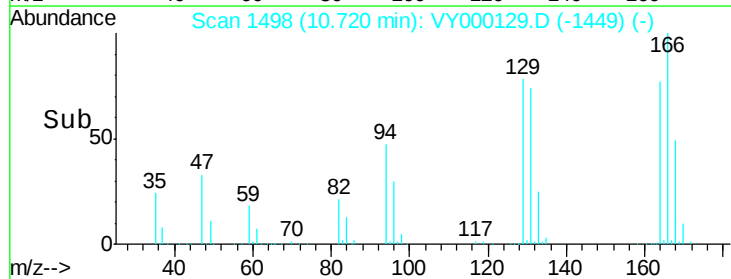
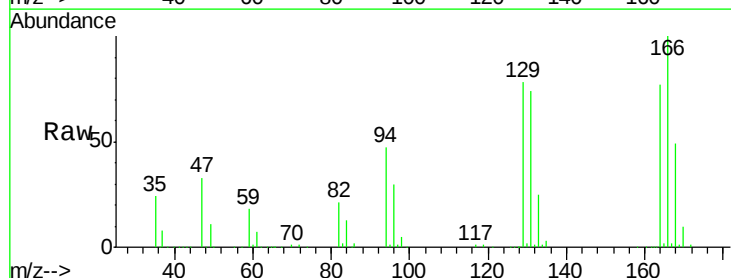
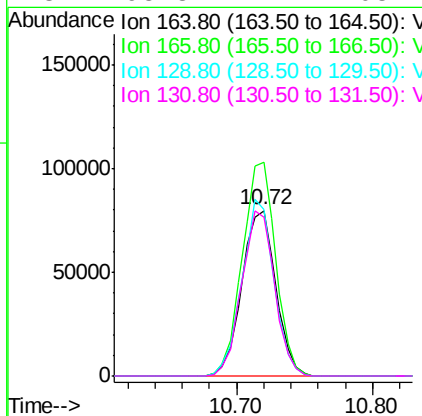
Manual Integrations
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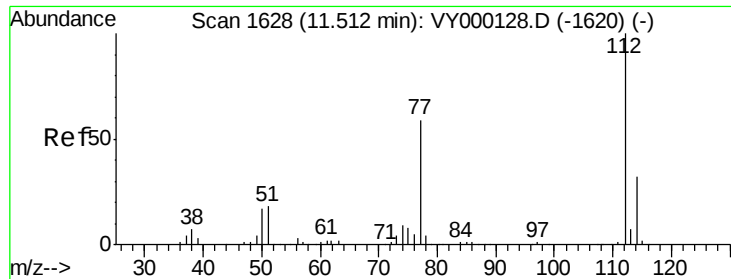
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#64
Tetrachloroethene
Concen: 96.752 ug/l
RT: 10.72 min Scan# 1498
Delta R.T. 0.00 min
Lab File: VY000129.D
Acq: 23 Sep 2019 12:31

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	139136		
166	129.2	97.0	145.6	
129	100.4	77.6	116.4	
131	95.8	72.1	108.1	





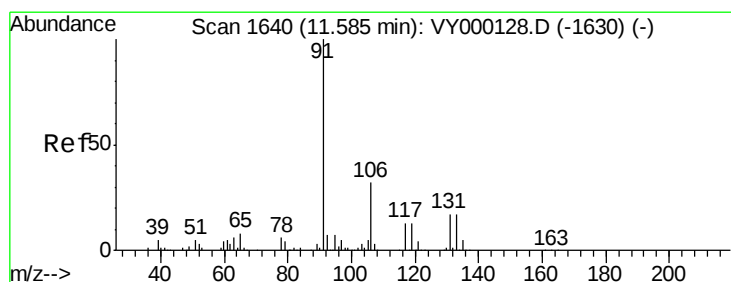
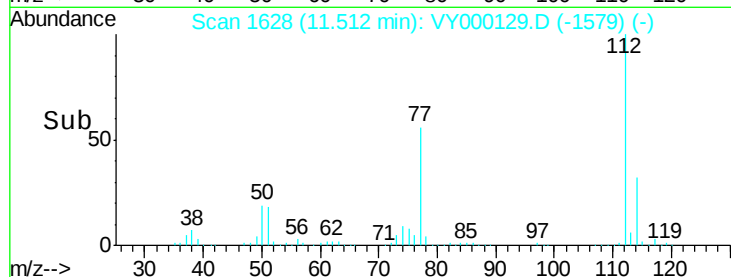
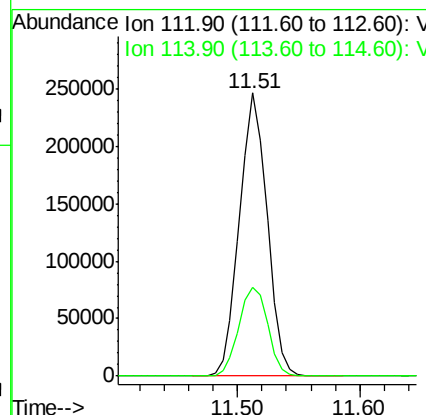
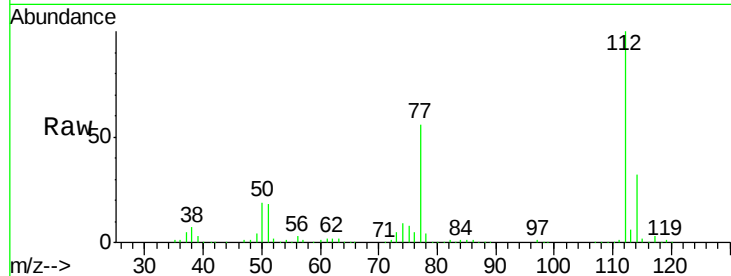
#65
Chlorobenzene
Concen: 100.484 ug/l
RT: 11.51 min Scan# 1628
Delta R.T. 0.00 min
Lab File: VY000129.D
Acq: 23 Sep 2019 12:31

Instrument :
MSVOA_Y
ClientSampled :
VSTDIC100

Tot Ion:112 Resp: 385375
Ion Ratio Lower Upper
112 100
114 31.6 25.6 38.4

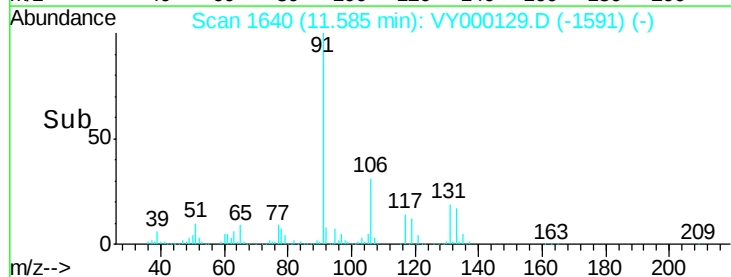
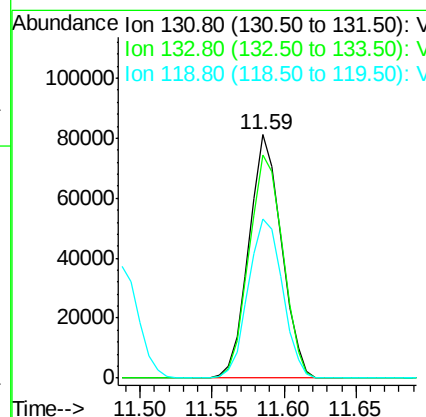
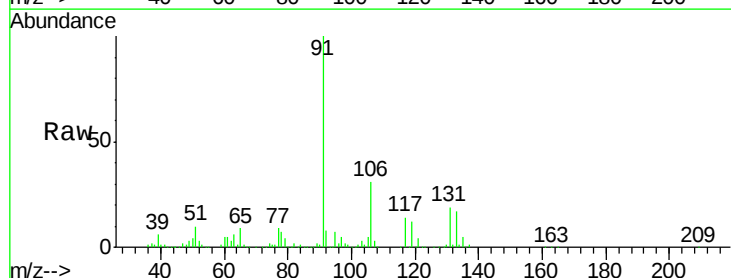
Manual Integrations
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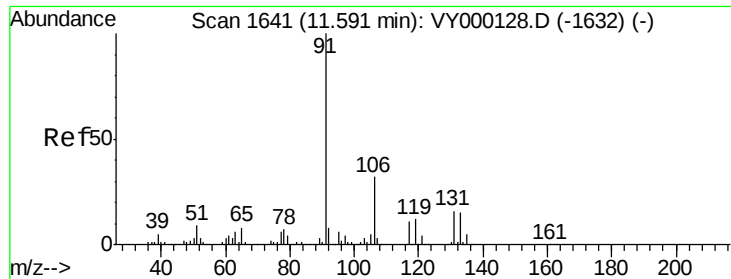
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 103.339 ug/l
RT: 11.59 min Scan# 1640
Delta R.T. 0.00 min
Lab File: VY000129.D
Acq: 23 Sep 2019 12:31

Tgt Ion:131 Resp: 127348
Ion Ratio Lower Upper
131 100
133 95.0 47.5 142.5
119 68.4 35.4 106.2





#67

Ethyl Benzene

Concen: 99.875 ug/l

RT: 11.59 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VY000129.D

Acq: 23 Sep 2019 12:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

Tot Ion: 91 Resp: 696259

Ion Ratio Lower Upper

91 100

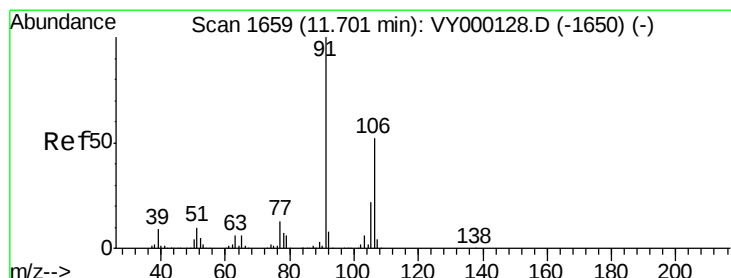
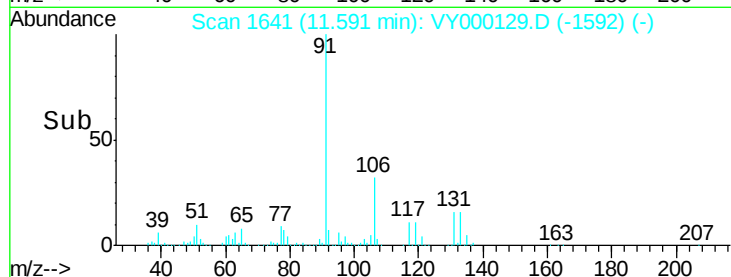
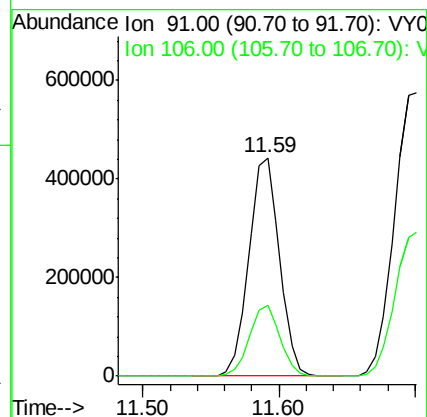
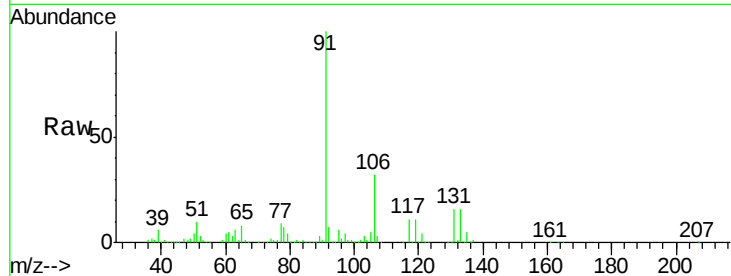
106 32.4 25.6 38.4

Manual Integrations

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#68

m/p-Xylenes

Concen: 201.710 ug/l

RT: 11.70 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VY000129.D

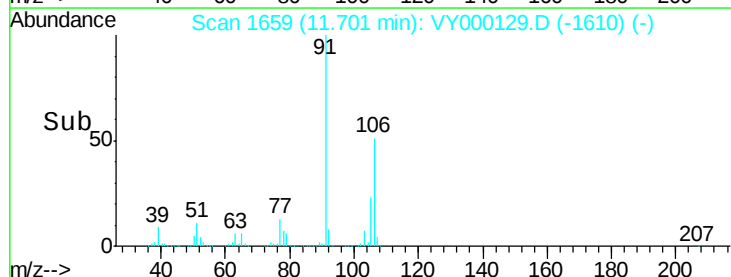
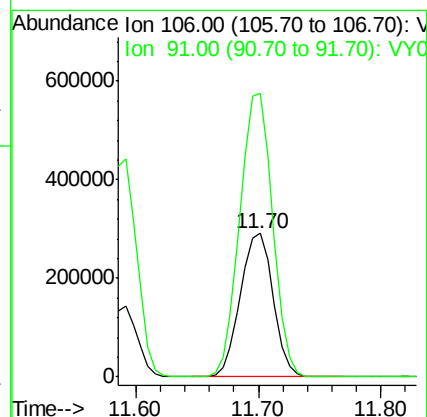
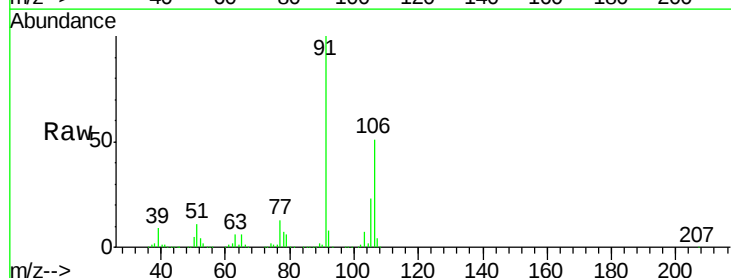
Acq: 23 Sep 2019 12:31

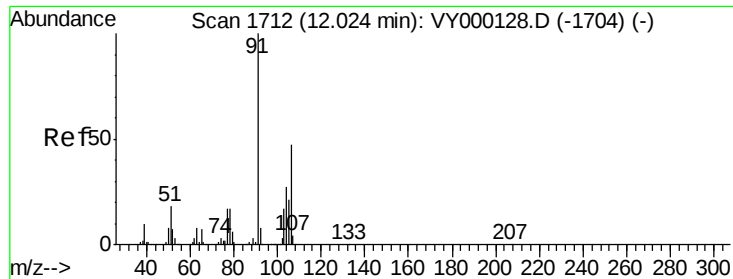
Tgt Ion: 106 Resp: 542263

Ion Ratio Lower Upper

106 100

91 197.0 154.6 232.0





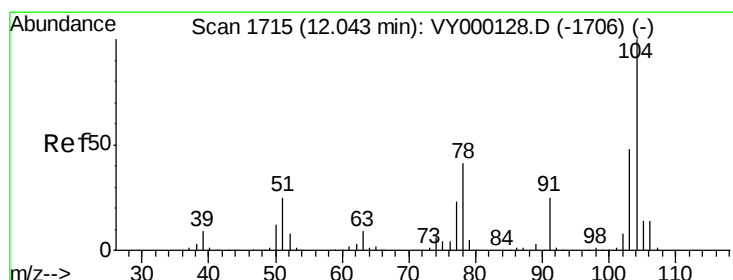
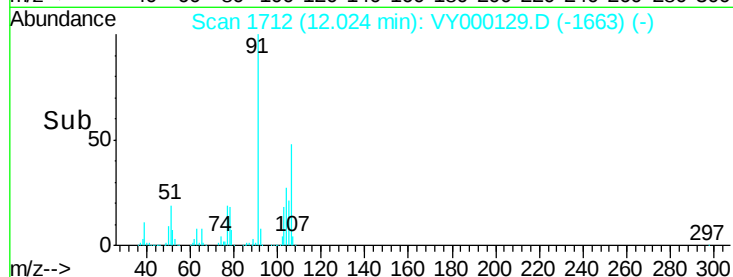
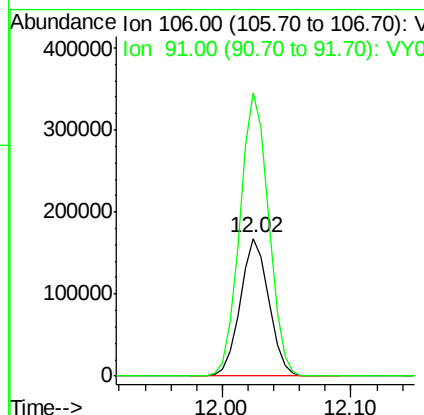
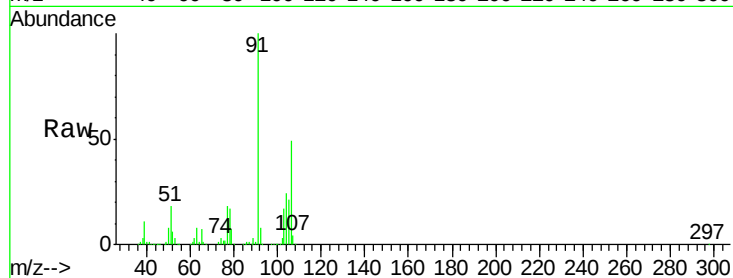
#69
o-Xylene
Concen: 99.905 ug/l
RT: 12.02 min Scan# 1712
Delta R.T. 0.00 min
Lab File: VY000129.D
Acq: 23 Sep 2019 12:31

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Tot Ion	Ratio	Lower	Upper
106	100		
91	207.0	102.1	306.1

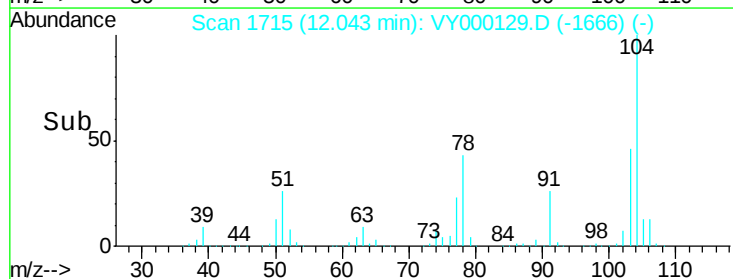
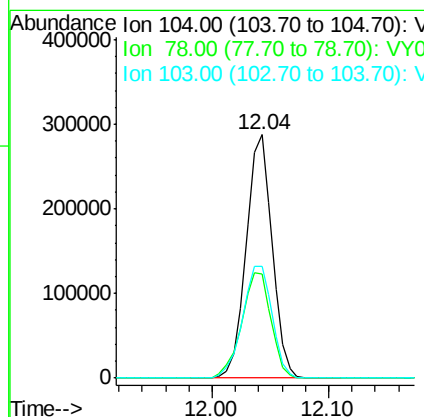
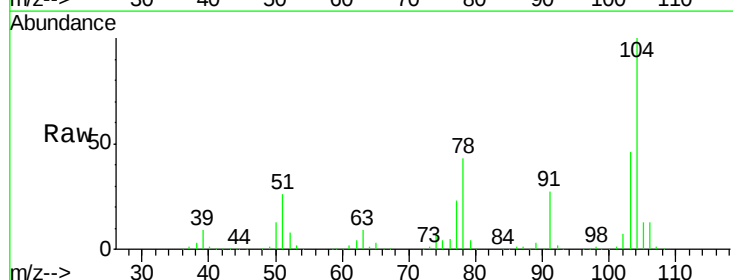
Manual Integrations
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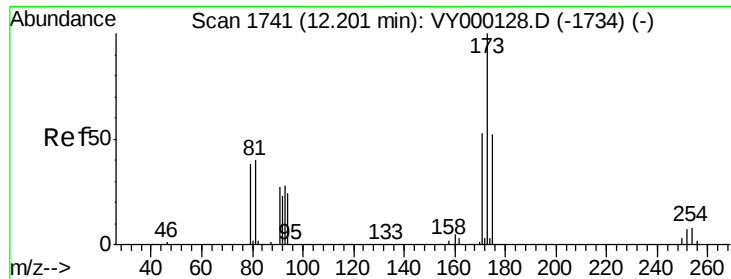
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#70
Styrene
Concen: 103.243 ug/l
RT: 12.04 min Scan# 1715
Delta R.T. 0.00 min
Lab File: VY000129.D
Acq: 23 Sep 2019 12:31

Tgt Ion	Ratio	Lower	Upper
104	100		
78	48.9	37.3	55.9
103	52.5	42.2	63.2





#71

Bromoform

Concen: 102.890 ug/l

RT: 12.21 min Scan# 1742

Delta R.T. 0.01 min

Lab File: VY000129.D

Acq: 23 Sep 2019 12:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

Tot Ion:173 Resp: 71591

Ion Ratio Lower Upper

173 100

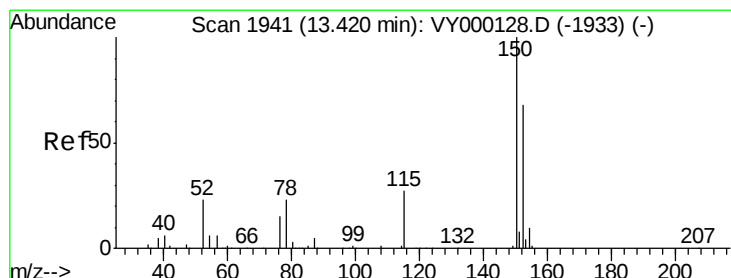
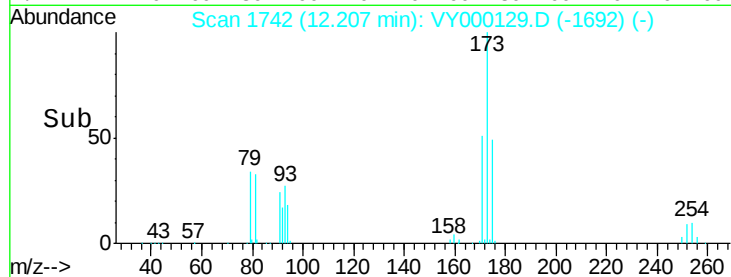
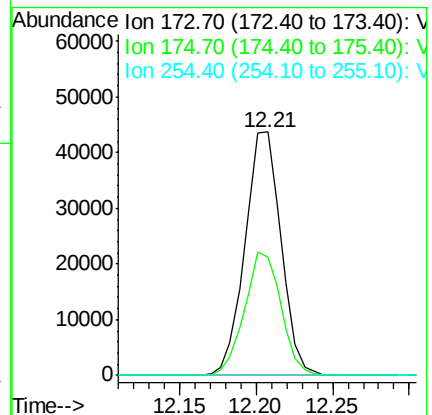
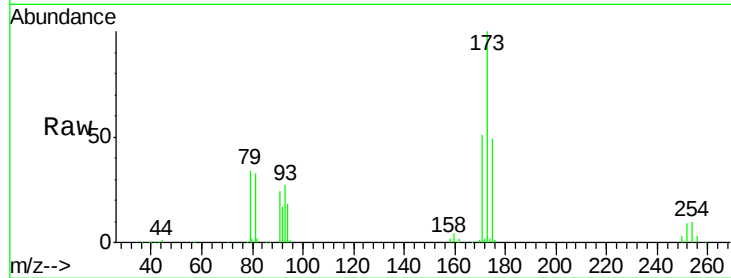
175 51.3 23.9 71.8

254 0.0 0.0 0.0

Manual Integrations
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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.42 min Scan# 1941

Delta R.T. 0.00 min

Lab File: VY000129.D

Acq: 23 Sep 2019 12:31

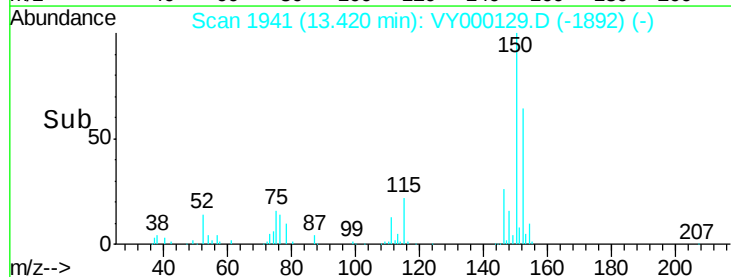
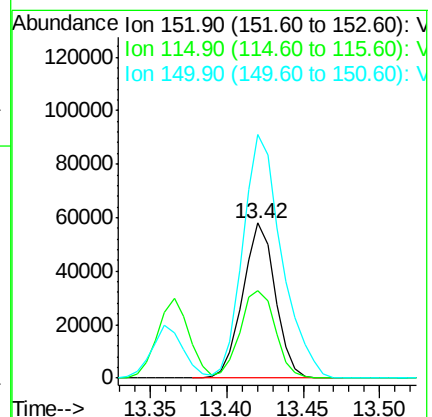
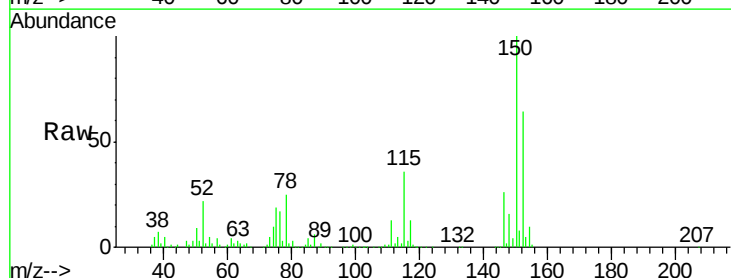
Tgt Ion:152 Resp: 85738

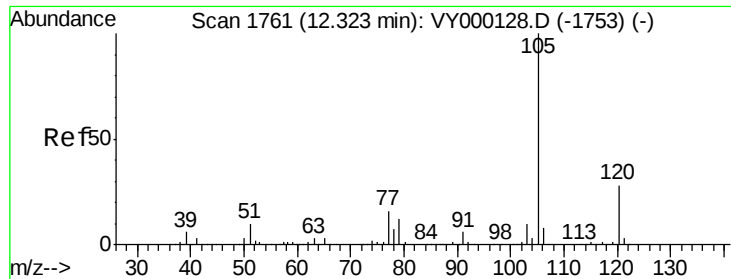
Ion Ratio Lower Upper

152 100

115 61.0 30.8 92.3

150 186.8 0.0 354.6





#73

Isopropylbenzene

Concen: 98.007 ug/l

RT: 12.32 min Scan# 1761

Delta R.T. 0.00 min

Lab File: VY000129.D

Acq: 23 Sep 2019 12:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

Tot Ion: 105 Resp: 669041

Ion Ratio Lower Upper

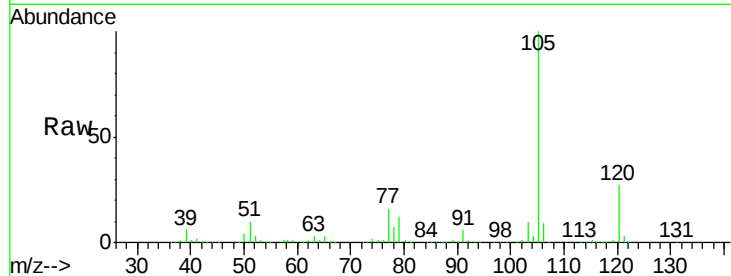
105 100

120 27.3 13.8 41.3

Manual Integrations
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.32

400000

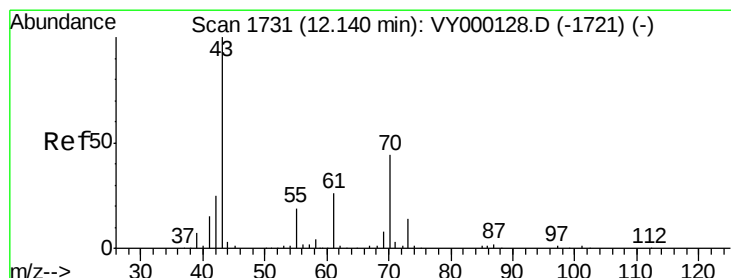
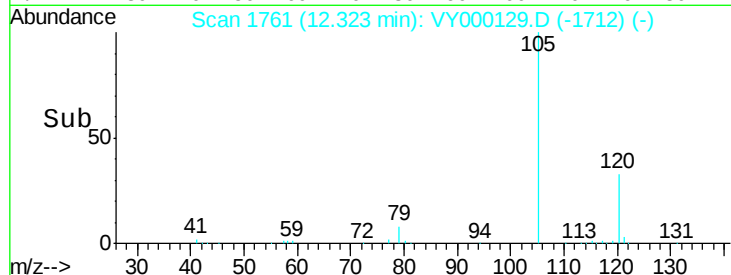
300000

200000

100000

0

Time-->



#74

N-ethyl acetate

Concen: 102.848 ug/l

RT: 12.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VY000129.D

Acq: 23 Sep 2019 12:31

Tgt Ion: 43 Resp: 195676

Ion Ratio Lower Upper

43 100

70 44.4 35.7 53.5

55 22.0 17.2 25.8

61 26.1 19.8 29.8

Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 70.00 (69.70 to 70.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

Ion 61.00 (60.70 to 61.70): VY0

200000

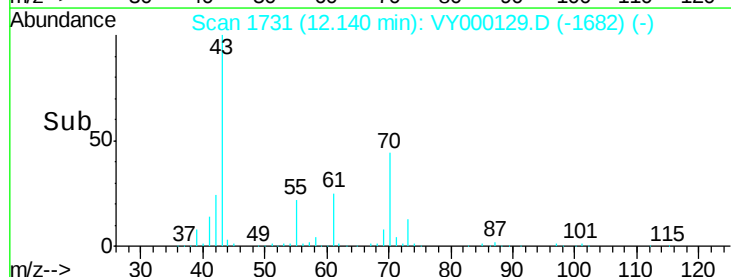
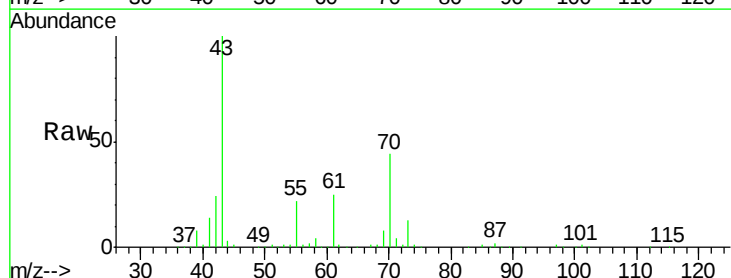
150000

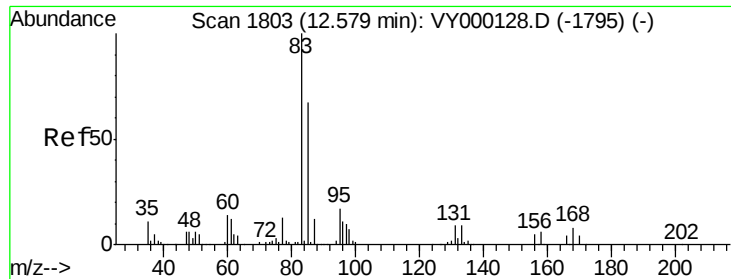
100000

50000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 97.032 ug/l

RT: 12.58 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VY000129.D

Acq: 23 Sep 2019 12:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

Tot Ion: 83 Resp: 132253
Ion Ratio Lower Upper

83 100

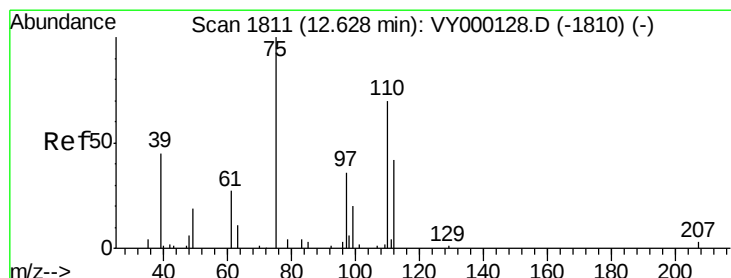
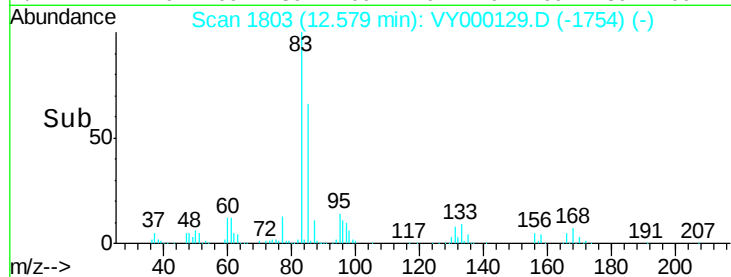
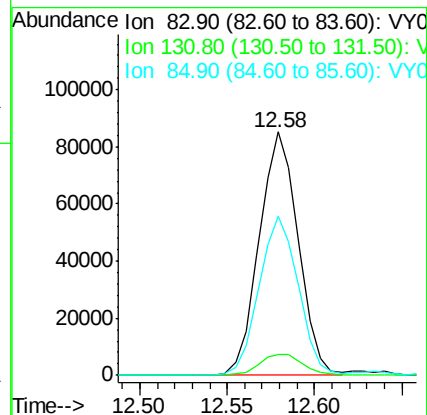
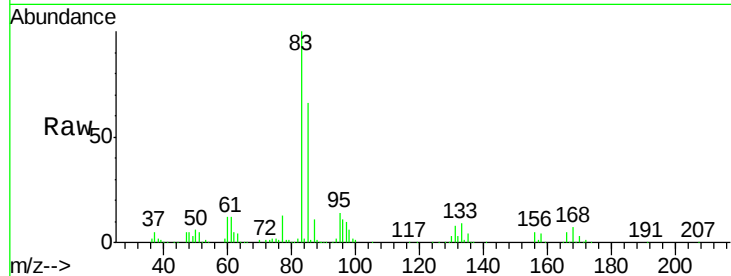
131 9.6 4.9 14.6

85 65.4 32.0 96.0

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#76

1,2,3-Trichloropropane

Concen: 58.119 ug/l m

RT: 12.63 min Scan# 1811

Delta R.T. 0.00 min

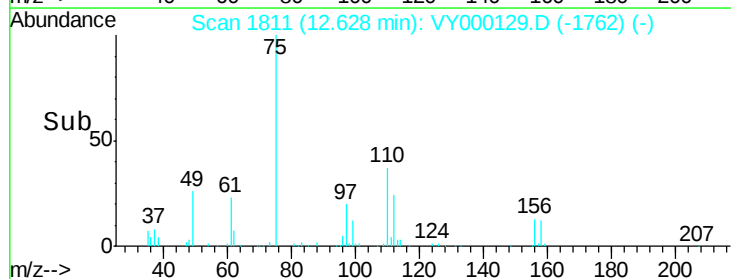
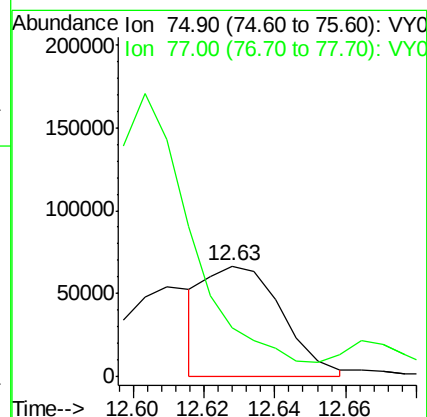
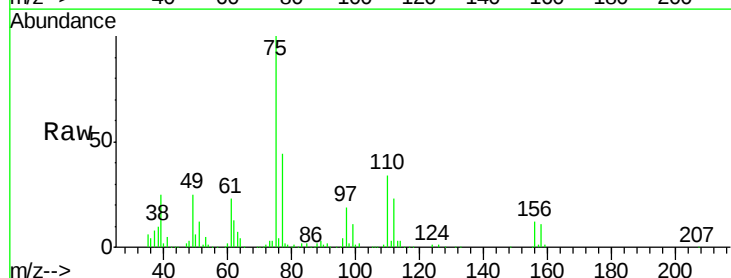
Lab File: VY000129.D

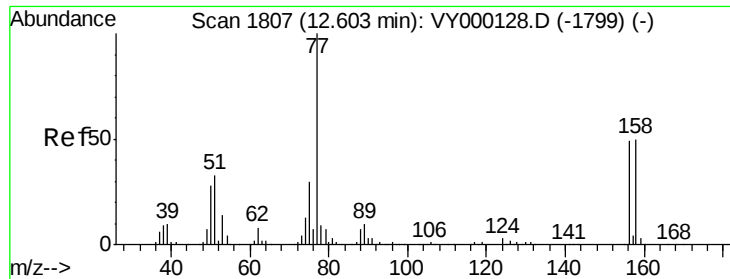
Acq: 23 Sep 2019 12:31

Tgt Ion: 75 Resp: 99805
Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 101.183 ug/l

RT: 12.60 min Scan# 1807

Delta R.T. 0.00 min

Lab File: VY000129.D

Acq: 23 Sep 2019 12:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

Tot Ion:156 Resp: 144436

Ion Ratio Lower Upper

156 100

77 206.4 105.0 314.9

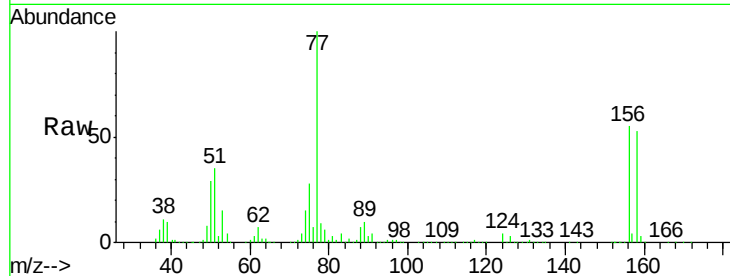
158 97.8 48.4 145.2

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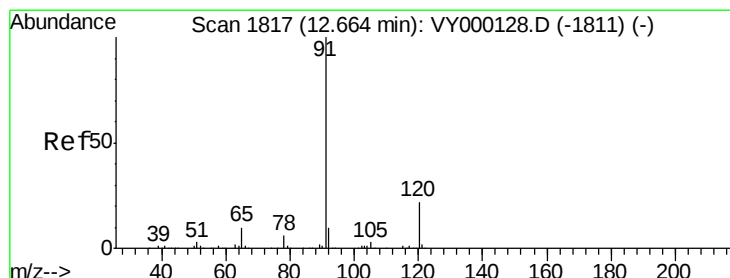
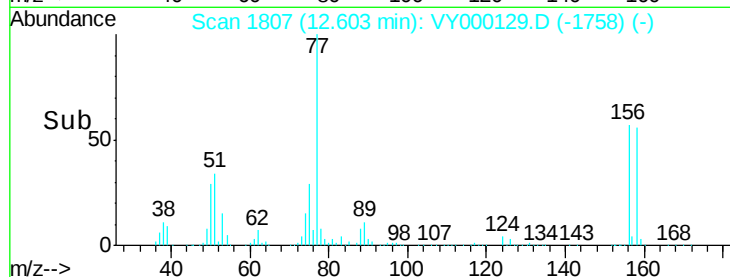
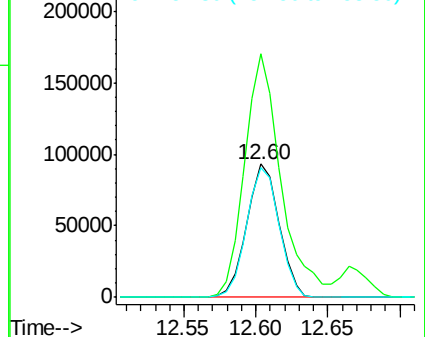
9/25/2019 12:39:46 AM



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VY0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 97.365 ug/l

RT: 12.66 min Scan# 1817

Delta R.T. 0.00 min

Lab File: VY000129.D

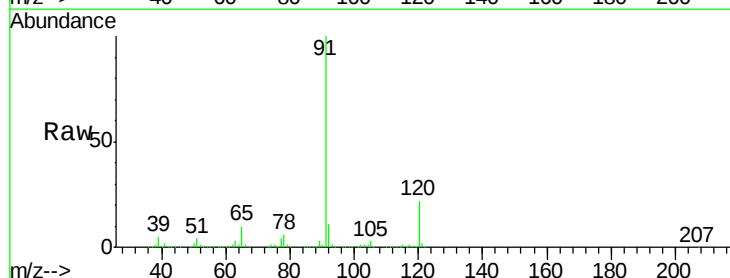
Acq: 23 Sep 2019 12:31

Tgt Ion: 91 Resp: 822020

Ion Ratio Lower Upper

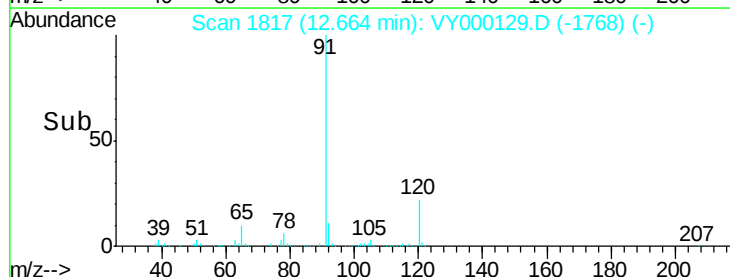
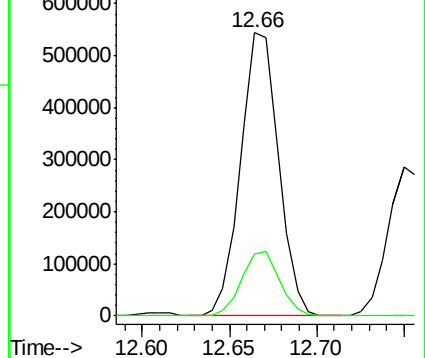
91 100

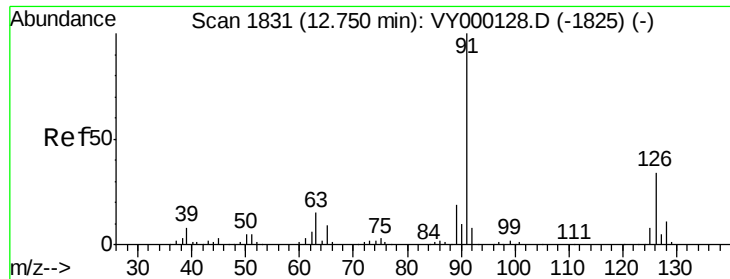
120 22.8 11.6 34.7



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 97.412 ug/l

RT: 12.75 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VY000129.D

Acq: 23 Sep 2019 12:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

Tot Ion: 91 Resp: 451474

Ion Ratio Lower Upper

91 100

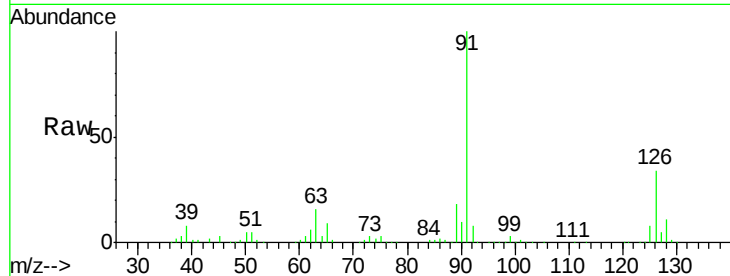
126 34.4 17.5 52.5

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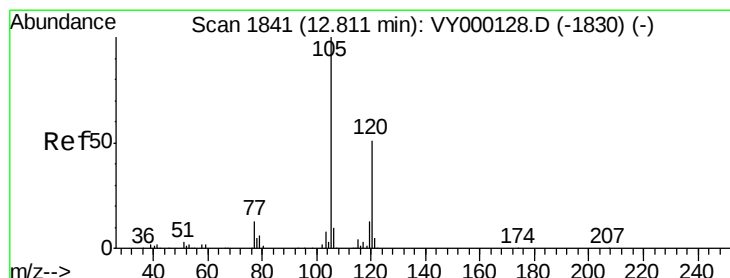
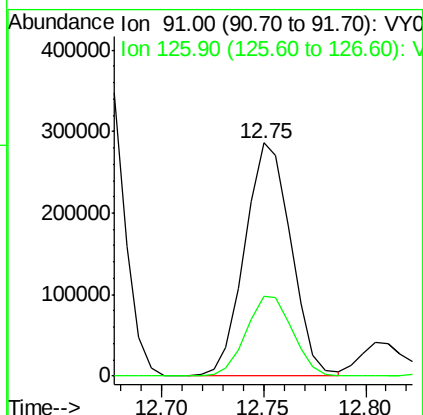
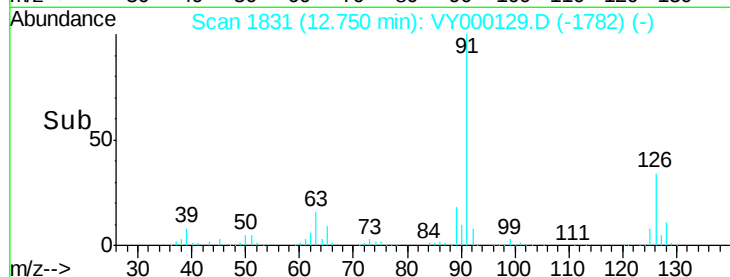
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Abundance Ion 91.00 (90.70 to 91.70): VY000128.D (-1825) (-)

Ion 125.90 (125.60 to 126.60): VY000129.D (-1782) (-)



#80

1,3,5-Trimethylbenzene

Concen: 99.066 ug/l

RT: 12.81 min Scan# 1841

Delta R.T. 0.00 min

Lab File: VY000129.D

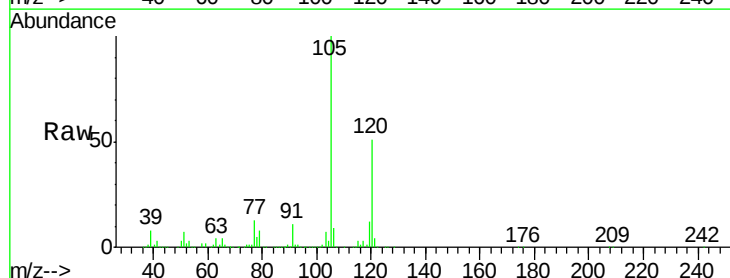
Acq: 23 Sep 2019 12:31

Tgt Ion: 105 Resp: 565944

Ion Ratio Lower Upper

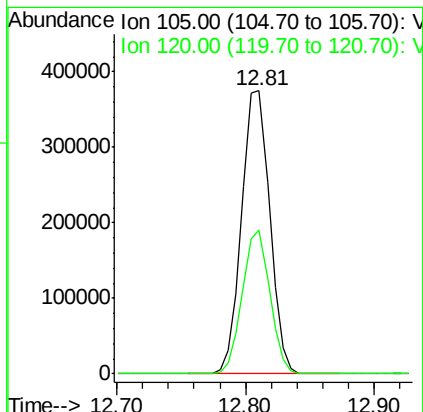
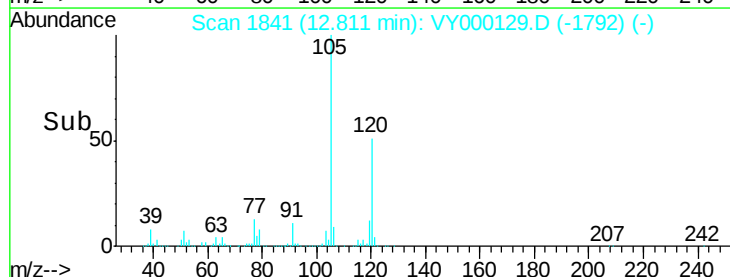
105 100

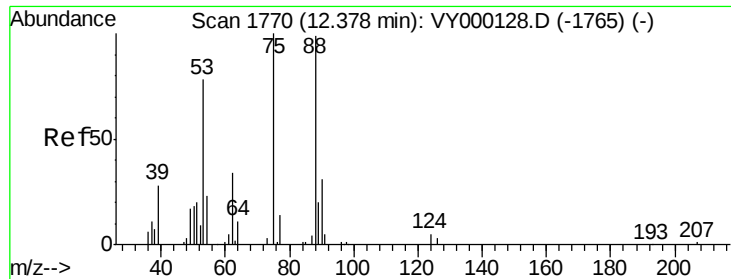
120 49.7 25.3 75.8



Abundance Ion 105.00 (104.70 to 105.70): VY000128.D (-1830) (-)

Ion 120.00 (119.70 to 120.70): VY000129.D (-1792) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 98.423 ug/l

RT: 12.38 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VY000129.D

Acq: 23 Sep 2019 12:31

Instrument :

MSVOA_Y

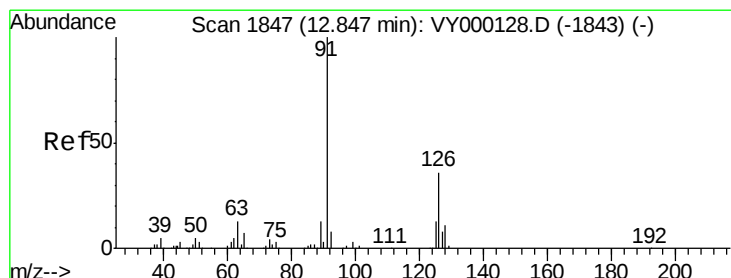
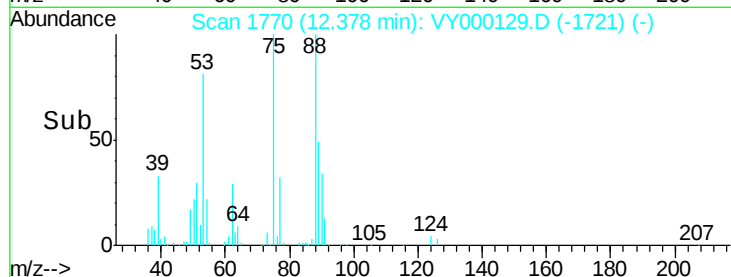
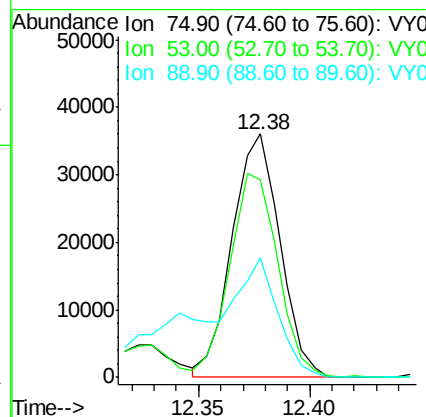
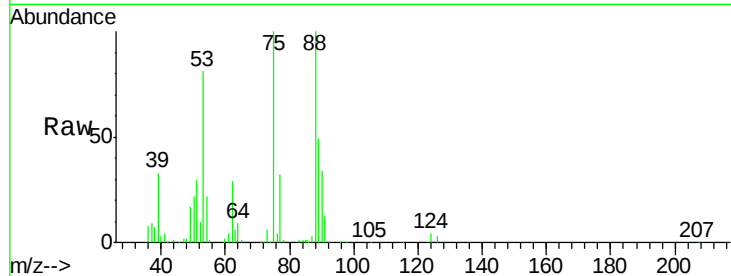
ClientSampleId :

VSTDIC100

Tot Ion:	75	Resp:	53801
Ion Ratio	Lower	Upper	
75	100		
53	84.8	62.5	93.7
89	48.4	31.4	47.2

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#82

4-Chlorotoluene

Concen: 98.089 ug/l

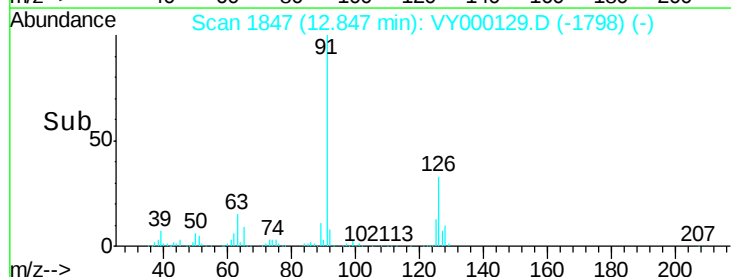
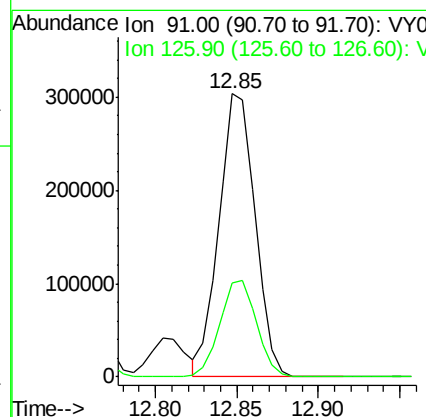
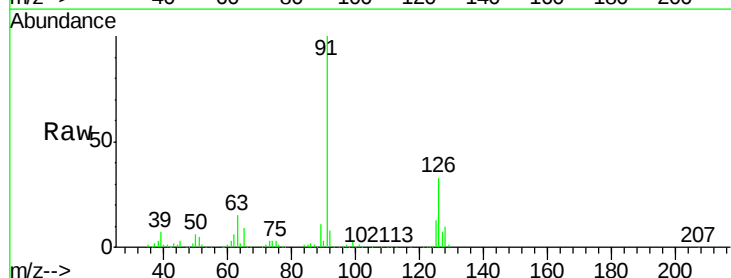
RT: 12.85 min Scan# 1847

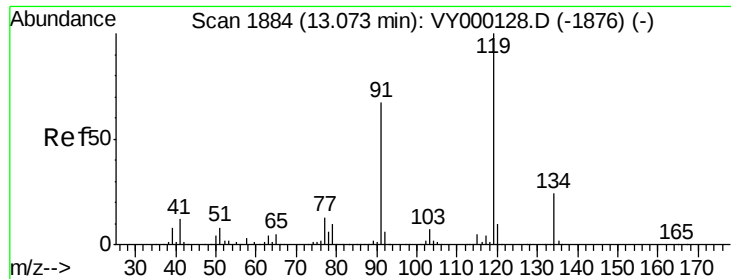
Delta R.T. 0.00 min

Lab File: VY000129.D

Acq: 23 Sep 2019 12:31

Tgt Ion:	91	Resp:	468890
Ion Ratio	Lower	Upper	
91	100		
126	34.8	17.3	51.9





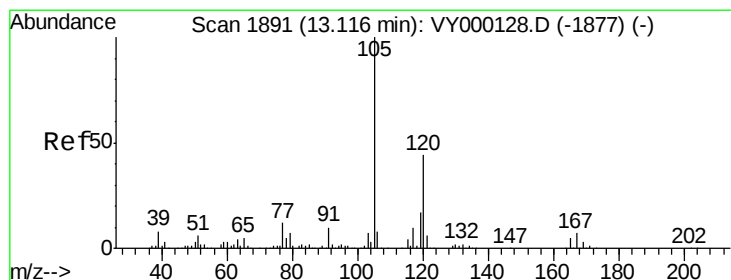
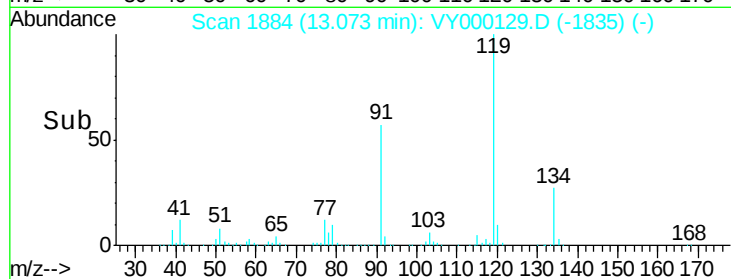
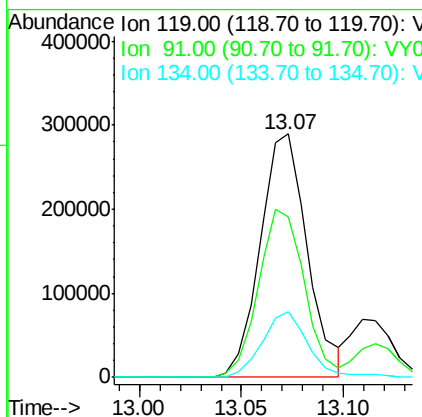
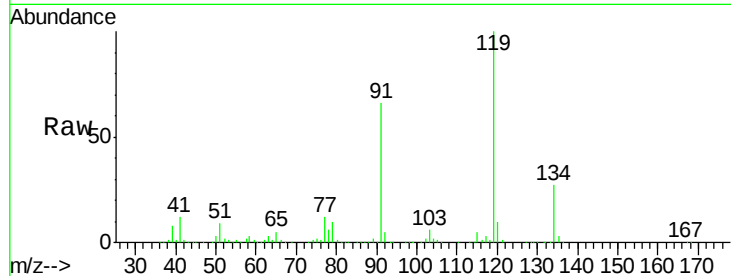
#83
 tert-Butylbenzene
 Concen: 99.229 ug/l
 RT: 13.07 min Scan# 1884
 Delta R.T. -0.00 min
 Lab File: VY000129.D
 Acq: 23 Sep 2019 12:31

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Resp	Lower	Upper
119	100	464361		
91	67.6	33.6	100.8	
134	26.6	12.6	37.6	

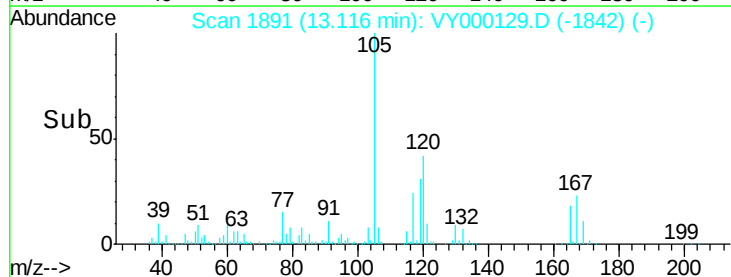
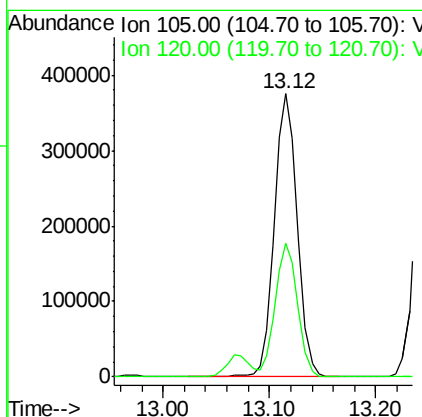
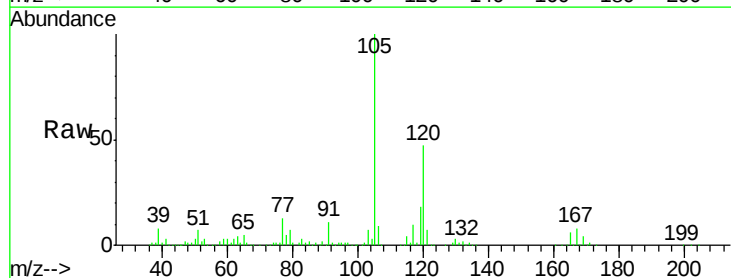
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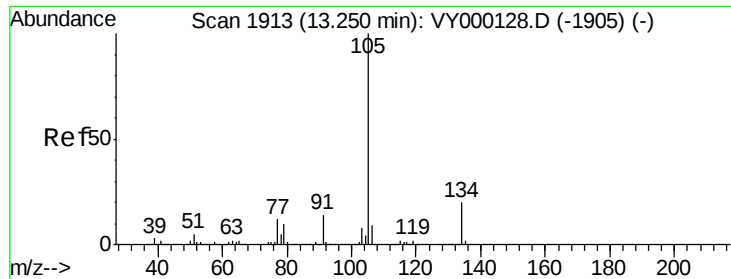
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#84
 1,2,4-Trimethylbenzene
 Concen: 98.698 ug/l
 RT: 13.12 min Scan# 1891
 Delta R.T. 0.00 min
 Lab File: VY000129.D
 Acq: 23 Sep 2019 12:31

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	562699		
120	45.8	22.9	68.8	





#85

sec-Butylbenzene

Concen: 97.041 ug/l

RT: 13.25 min Scan# 1913

Delta R.T. 0.00 min

Lab File: VY000129.D

Acq: 23 Sep 2019 12:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

Tot Ion:105 Resp: 678845

Ion Ratio Lower Upper

105 100

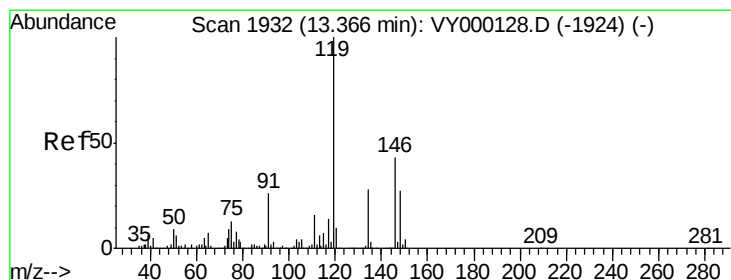
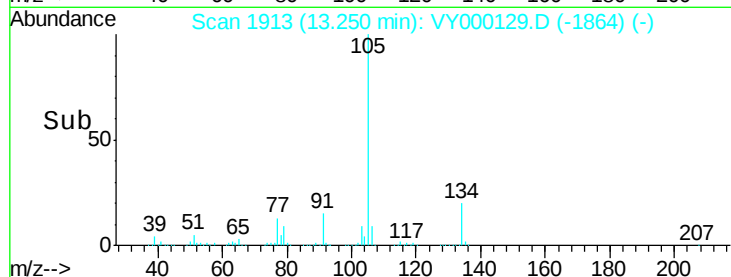
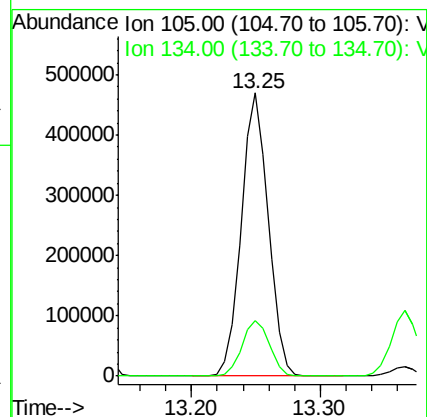
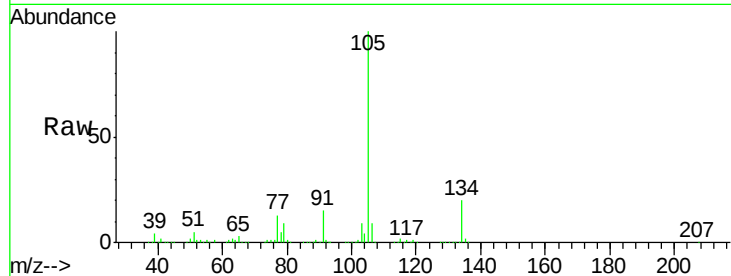
134 20.0 10.2 30.4

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#86

p-Isopropyltoluene

Concen: 97.988 ug/l

RT: 13.37 min Scan# 1932

Delta R.T. 0.00 min

Lab File: VY000129.D

Acq: 23 Sep 2019 12:31

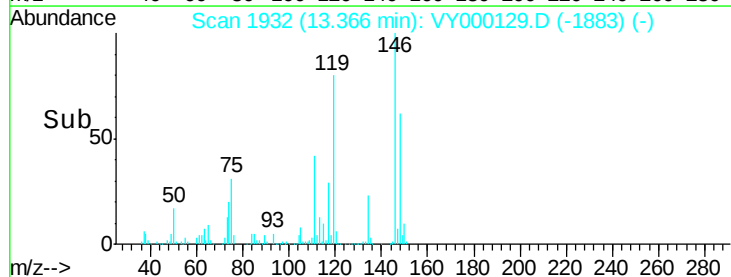
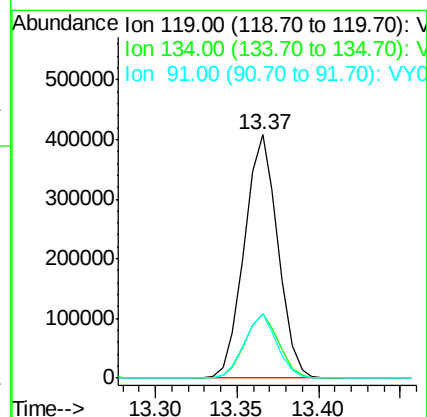
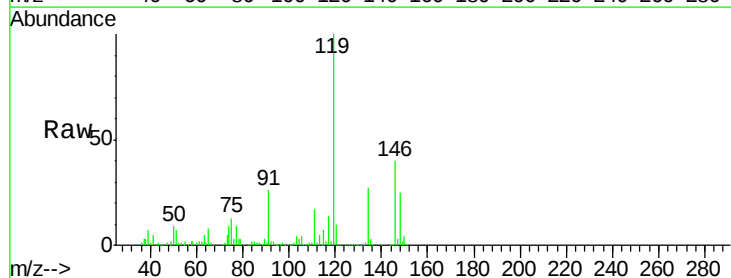
Tgt Ion:119 Resp: 584454

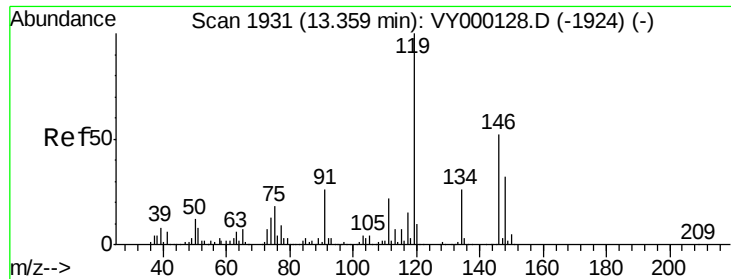
Ion Ratio Lower Upper

119 100

134 26.6 13.6 40.8

91 25.3 12.8 38.3





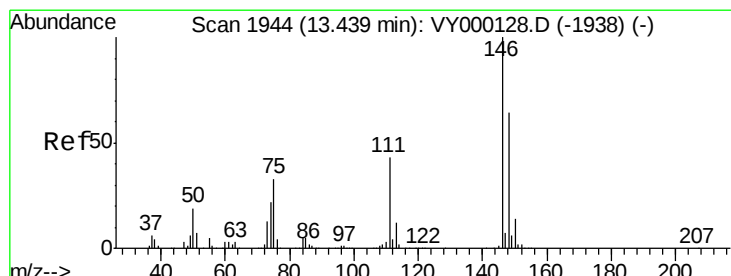
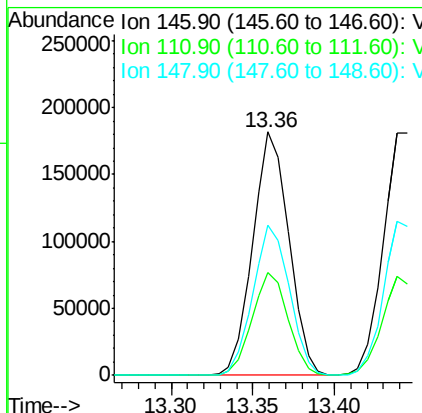
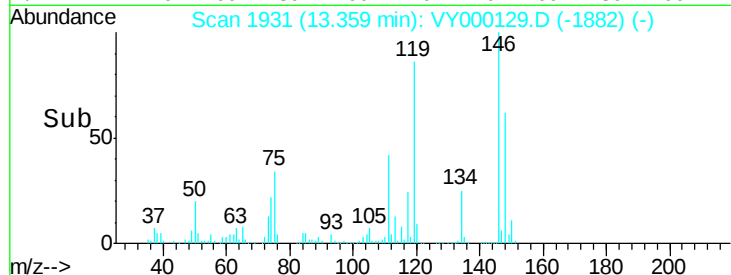
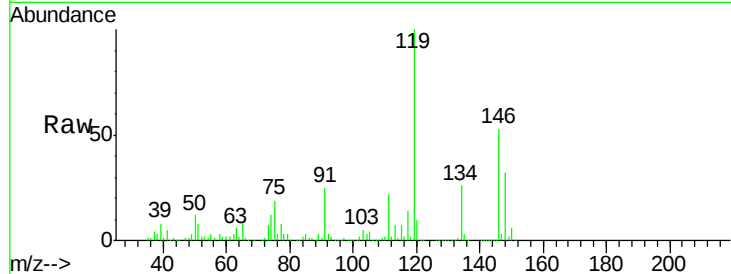
#87
 1,3-Dichlorobenzene
 Concen: 100.359 ug/l
 RT: 13.36 min Scan# 1931
 Delta R.T. 0.00 min
 Lab File: VY000129.D
 Acq: 23 Sep 2019 12:31

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Resp	Lower	Upper
146	100	280305		
111	41.9	20.4	61.2	
148	62.4	31.9	95.5	

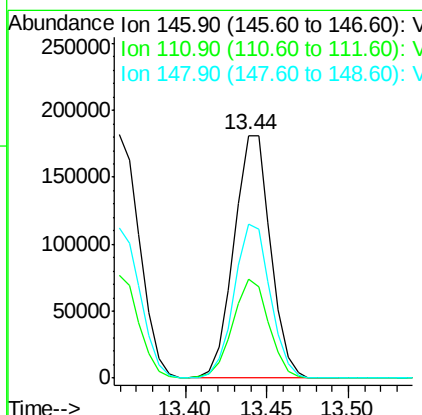
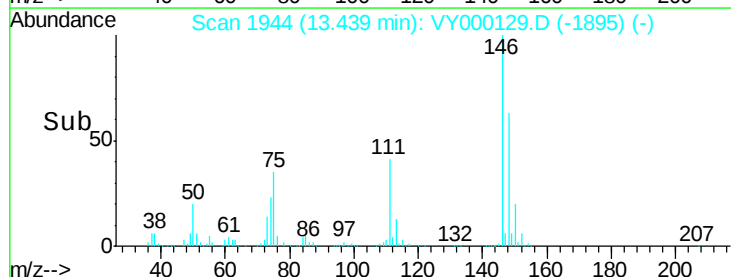
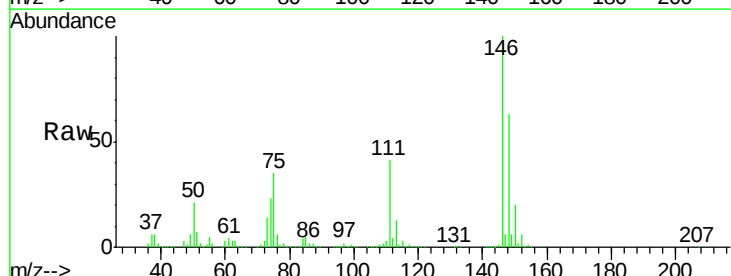
Manual Integrations
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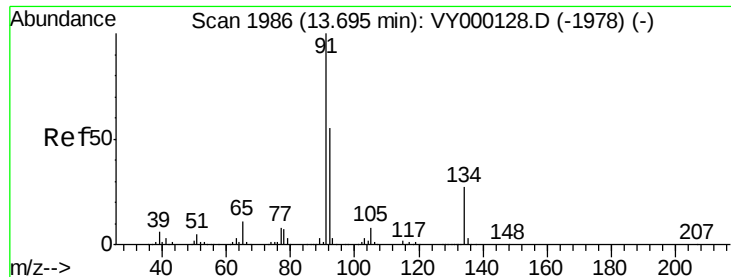
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#88
 1,4-Dichlorobenzene
 Concen: 99.399 ug/l
 RT: 13.44 min Scan# 1944
 Delta R.T. 0.00 min
 Lab File: VY000129.D
 Acq: 23 Sep 2019 12:31

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	283380		
111	40.2	20.6	61.8	
148	62.7	31.6	95.0	





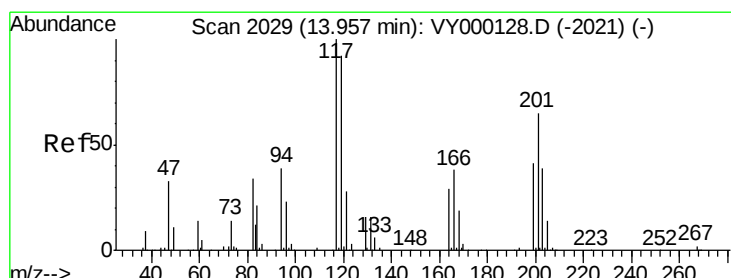
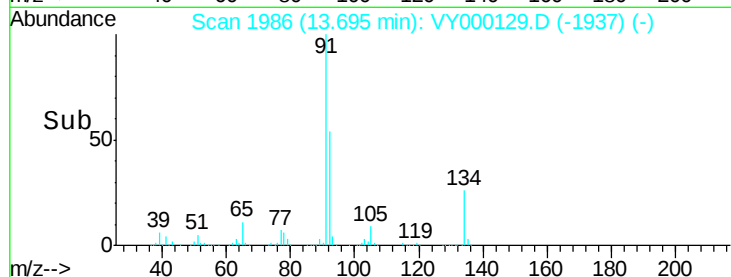
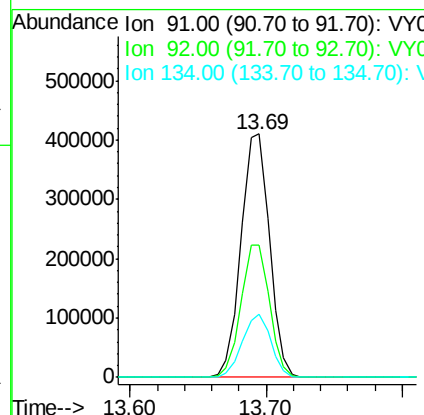
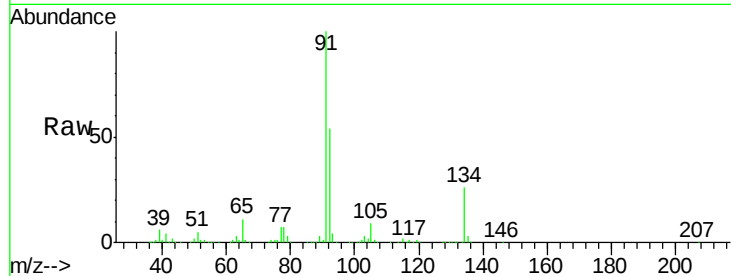
#89
n-Butylbenzene
Concen: 98.112 ug/l
RT: 13.69 min Scan# 1986
Delta R.T. 0.00 min
Lab File: VY000129.D
Acq: 23 Sep 2019 12:31

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Resp	Lower	Upper
91	100	600265		
92	54.6		27.2	81.5
134	25.8		12.9	38.7

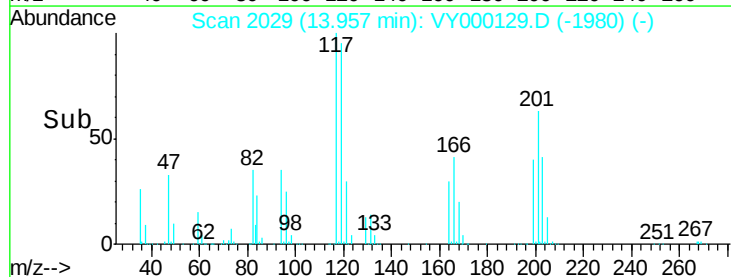
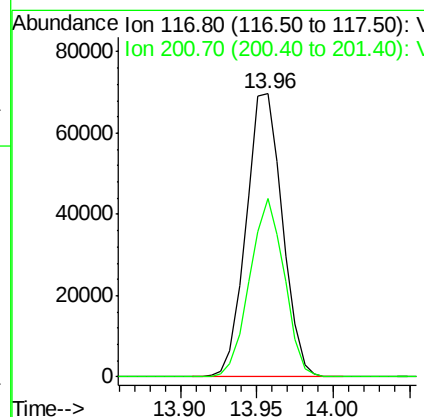
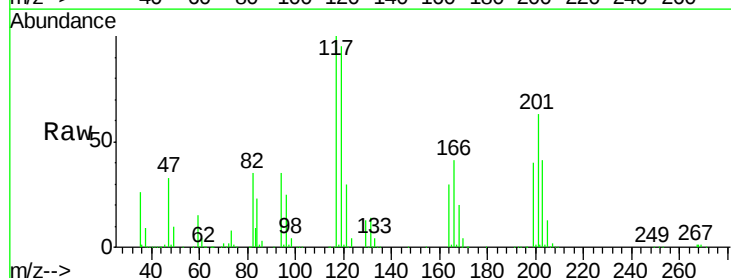
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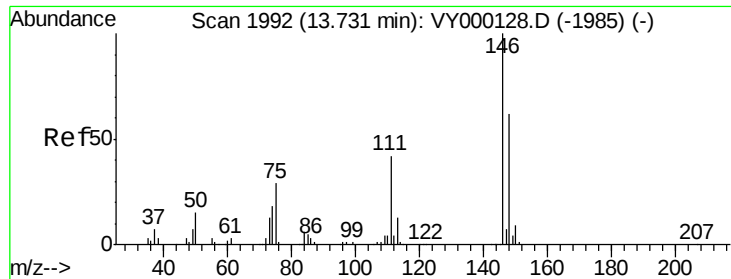
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#90
Hexachloroethane
Concen: 97.056 ug/l
RT: 13.96 min Scan# 2029
Delta R.T. 0.00 min
Lab File: VY000129.D
Acq: 23 Sep 2019 12:31

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	114643		
201	60.3		30.1	90.5





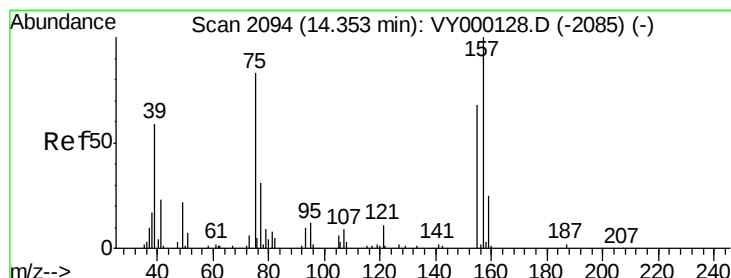
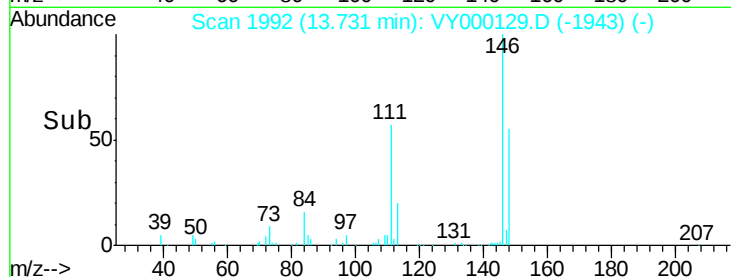
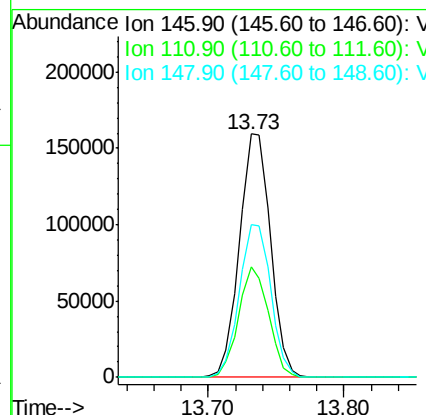
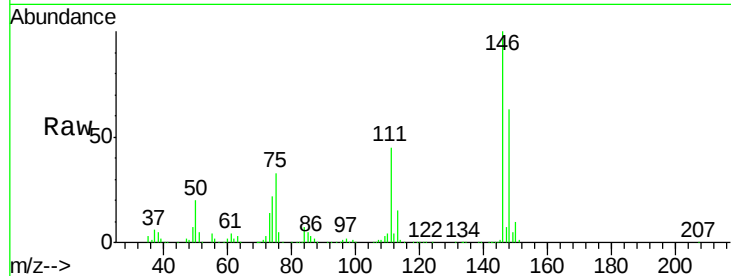
#91
 1,2-Dichlorobenzene
 Concen: 96.469 ug/l
 RT: 13.73 min Scan# 1992
 Delta R.T. 0.00 min
 Lab File: VY000129.D
 Acq: 23 Sep 2019 12:31

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Lower	Upper
146	100		
111	43.9	21.7	65.1
148	63.6	31.5	94.5

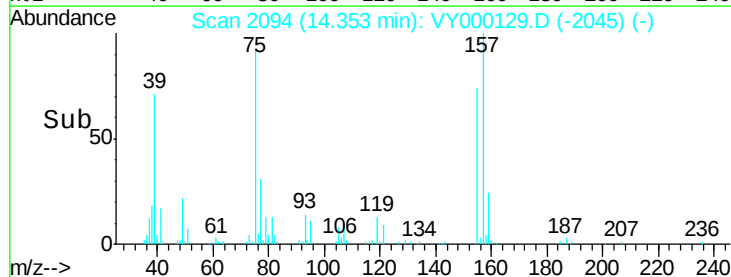
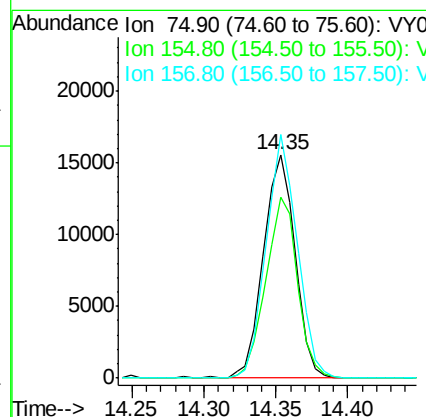
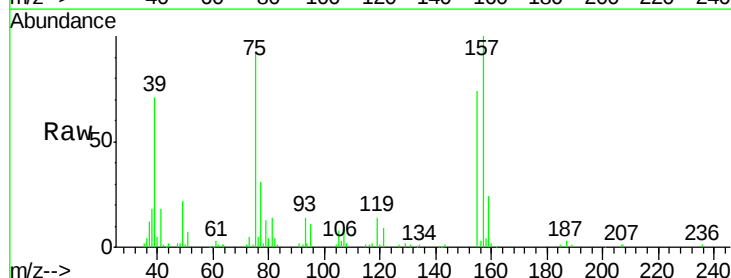
Manual Integrations
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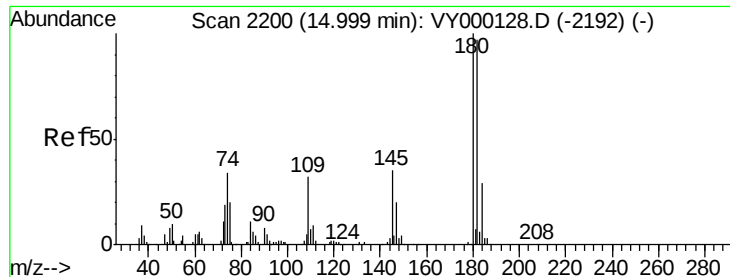
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 93.988 ug/l
 RT: 14.35 min Scan# 2094
 Delta R.T. 0.00 min
 Lab File: VY000129.D
 Acq: 23 Sep 2019 12:31

Tgt Ion	Ratio	Lower	Upper
75	100		
155	81.2	44.7	134.1
157	107.3	55.9	167.7





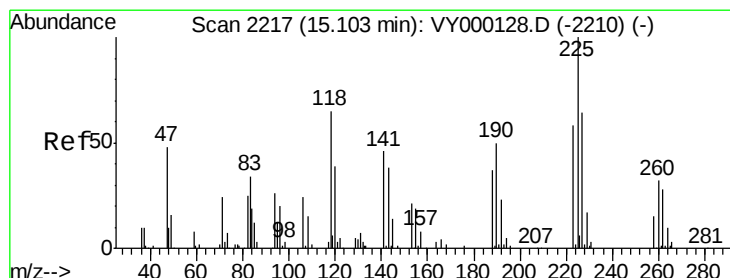
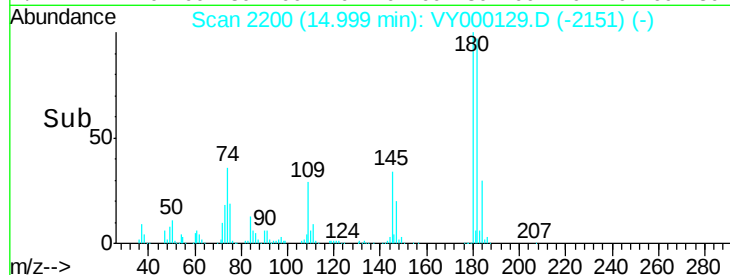
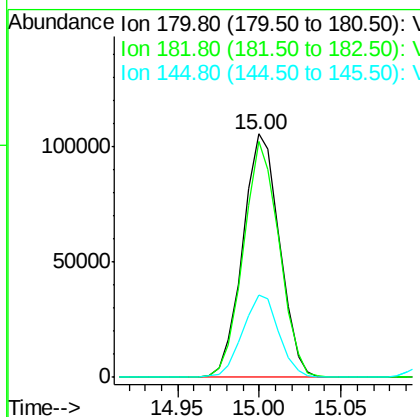
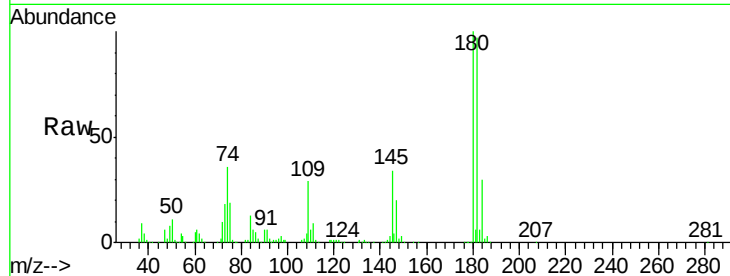
#93
 1,2,4-Trichlorobenzene
 Concen: 97.867 ug/l
 RT: 15.00 min Scan# 2200
 Delta R.T. -0.00 min
 Lab File: VY000129.D
 Acq: 23 Sep 2019 12:31

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Resp	Lower	Upper
180	100	165801		
182	94.2	46.1	138.2	
145	33.3	16.8	50.3	

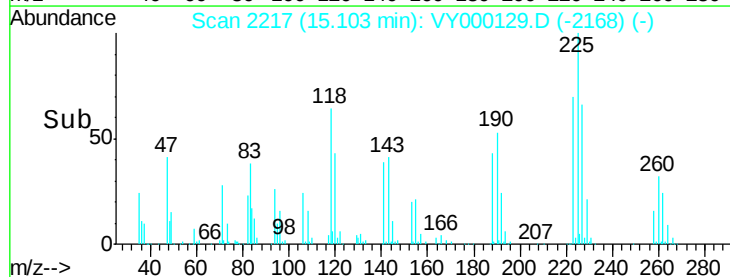
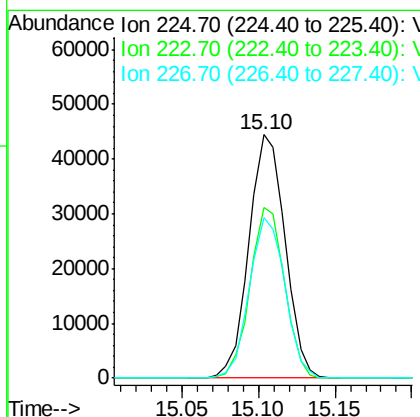
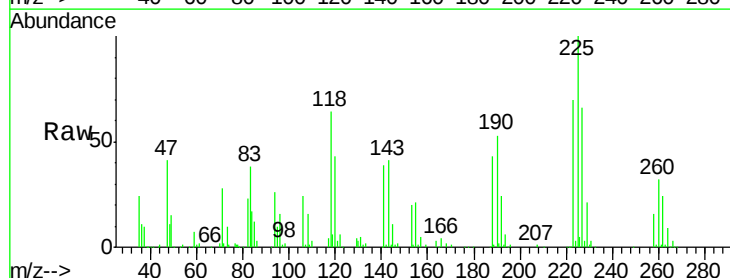
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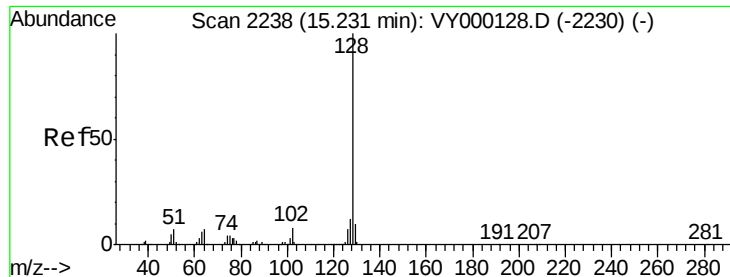
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#94
 Hexachlorobutadiene
 Concen: 97.157 ug/l
 RT: 15.10 min Scan# 2217
 Delta R.T. 0.00 min
 Lab File: VY000129.D
 Acq: 23 Sep 2019 12:31

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	73158		
223	66.9	31.9	95.5	
227	65.1	32.3	96.8	





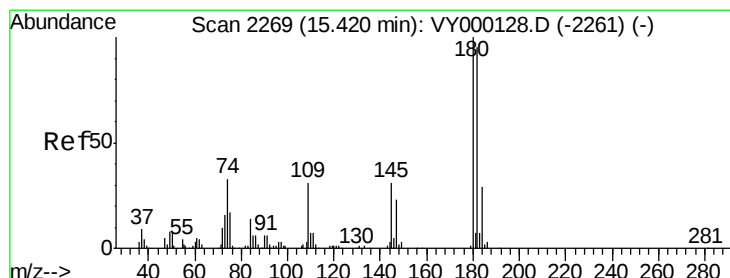
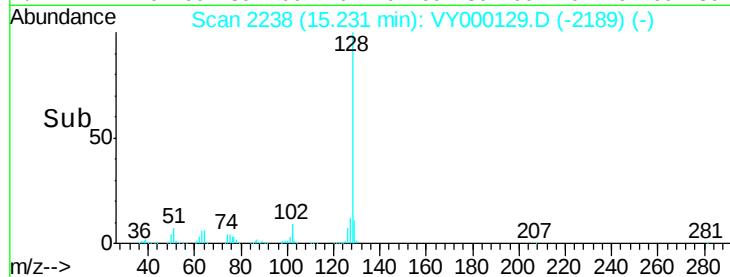
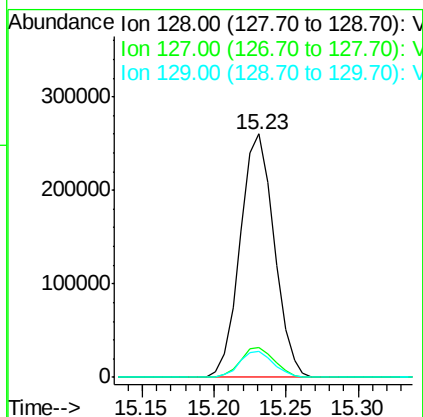
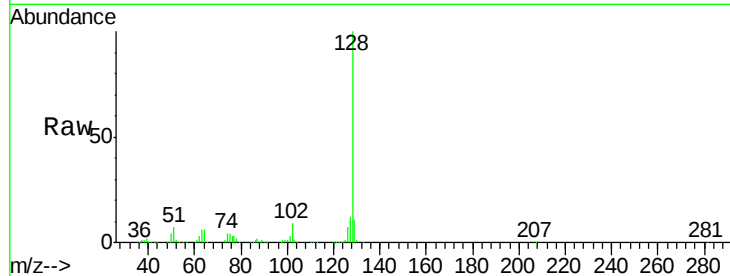
#95
Naphthalene
Concen: 99.635 ug/l
RT: 15.23 min Scan# 2238
Delta R.T. -0.00 min
Lab File: VY000129.D
Acq: 23 Sep 2019 12:31

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Resp	Lower	Upper
128	100	426698		
127	12.3		9.7	14.5
129	10.7		8.3	12.5

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 99.719 ug/l
RT: 15.42 min Scan# 2269
Delta R.T. 0.00 min
Lab File: VY000129.D
Acq: 23 Sep 2019 12:31

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	150673		
182	94.0		47.4	142.3
145	34.3		17.5	52.6

