

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY092319\
 Data File : VY000126.D
 Acq On : 23 Sep 2019 11:24
 Operator : SY/MD
 Sample : VSTDIC010
 Misc : 5.00g/5.00ml/MSVOA Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

Manual Integrations
 APPROVED

MMDadoda
 9/25/2019 12:39:19 AM

Quant Time: Sep 24 05:05:06 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	115309	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	221034	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	195975	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	83902	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.15	65	13248	9.99	ug/l	0.00
Spiked Amount			Recovery	=	19.98%	
35) Dibromofluoromethane	7.71	113	13947	10.99	ug/l	0.00
Spiked Amount			Recovery	=	21.98%	
50) Toluene-d8	10.18	98	51915	10.16	ug/l	0.00
Spiked Amount			Recovery	=	20.32%	
62) 4-Bromofluorobenzene	12.48	95	21559	11.47	ug/l	0.00
Spiked Amount			Recovery	=	22.94%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.90	85	13643	11.927	ug/l	90
3) Chloromethane	2.11	50	26057	12.329	ug/l	99
4) Vinyl Chloride	2.25	62	18918	10.671	ug/l	93
5) Bromomethane	2.63	94	12862	11.713	ug/l	93
6) Chloroethane	2.78	64	10797	9.858	ug/l	100
7) Trichlorofluoromethane	3.12	101	21762	10.747	ug/l	100
8) Diethyl Ether	3.53	74	8458	9.744	ug/l	86
9) 1,1,2-Trichlorotrifluoroet	3.89	101	14052	10.466	ug/l	93
10) Methyl Iodide	4.08	142	15331	8.901	ug/l	98
11) Tert butyl alcohol	4.95	59	6816	49.807	ug/l	95
12) 1,1-Dichloroethene	3.87	96	15004	10.819	ug/l #	76
13) Acrolein	3.73	56	3717	66.851	ug/l	91
14) Allyl chloride	4.47	41	18709	9.558	ug/l	90
15) Acrylonitrile	5.17	53	20143	47.871	ug/l	96
16) Acetone	3.95	43	12436	48.263	ug/l	96
17) Carbon Disulfide	4.19	76	50101	10.486	ug/l #	92
18) Methyl Acetate	4.48	43	8956	9.488	ug/l #	88
19) Methyl tert-butyl Ether	5.22	73	36661	10.174	ug/l	93
20) Methylene Chloride	4.71	84	19296	11.144	ug/l #	91
21) trans-1,2-Dichloroethene	5.22	96	16916	10.817	ug/l #	87
22) Diisopropyl ether	6.12	45	42581	10.203	ug/l	96
23) Vinyl Acetate	6.06	43	136634	49.125	ug/l	96
24) 1,1-Dichloroethane	6.03	63	26673	10.728	ug/l	94
25) 2-Butanone	6.99	43	23896	49.985	ug/l	98
26) 2,2-Dichloropropane	6.99	77	23784	10.556	ug/l	99
27) cis-1,2-Dichloroethene	6.99	96	18524	10.642	ug/l	94
28) Bromochloromethane	7.34	49	9100	9.366	ug/l	97
29) Tetrahydrofuran	7.35	42	15793	48.783	ug/l	99
30) Chloroform	7.51	83	27190	10.863	ug/l	99
31) Cyclohexane	7.79	56	28724	11.141	ug/l #	79
32) 1,1,1-Trichloroethane	7.71	97	21082	10.238	ug/l	96
36) 1,1-Dichloropropene	7.92	75	22170	10.833	ug/l	94
37) Ethyl Acetate	7.07	43	10830	10.020	ug/l	96
38) Carbon Tetrachloride	7.90	117	18025	10.262	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.18	83	30301	10.765	ug/l	98
40) Benzene	8.16	78	65150	10.314	ug/l	97
41) Methacrylonitrile	7.31	41	4577	5.336	ug/l #	85
42) 1,2-Dichloroethane	8.24	62	16301	10.120	ug/l	95
43) Isopropyl Acetate	8.28	43	21454	9.924	ug/l	98
44) Trichloroethene	8.93	130	16397	10.455	ug/l	87
45) 1,2-Dichloropropane	9.22	63	16280	10.671	ug/l	94
46) Dibromomethane	9.31	93	9467	11.158	ug/l	89
47) Bromodichloromethane	9.50	83	20389	10.495	ug/l #	94
48) Methyl methacrylate	9.29	41	8879	9.611	ug/l	97
49) 1,4-Dioxane	9.30	88	2865	213.886	ug/l	90
51) 4-Methyl-2-Pentanone	10.07	43	54395	49.377	ug/l	98
52) Toluene	10.24	92	39874	10.216	ug/l	95
53) t-1,3-Dichloropropene	10.46	75	22078	10.422	ug/l	97
54) cis-1,3-Dichloropropene	9.93	75	26123	10.636	ug/l #	95
55) 1,1,2-Trichloroethane	10.65	97	12059	9.925	ug/l	93
56) Ethyl methacrylate	10.51	69	16765	9.795	ug/l	97
57) 1,3-Dichloropropane	10.79	76	22466	10.635	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.78	63	39853	47.165	ug/l	99
59) 2-Hexanone	10.83	43	36798	47.688	ug/l	99
60) Dibromochloromethane	10.99	129	12465	9.816	ug/l	93
61) 1,2-Dibromoethane	11.09	107	11170	9.782	ug/l	96
64) Tetrachloroethene	10.72	164	15451	10.358	ug/l	98
65) Chlorobenzene	11.51	112	41740	10.492	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.59	131	12924	10.110	ug/l	94
67) Ethyl Benzene	11.59	91	73703	10.192	ug/l	100
68) m/p-Xylenes	11.70	106	57121	20.483	ug/l	100
69) o-Xylene	12.02	106	27927	10.476	ug/l	100
70) Styrene	12.04	104	45039	9.999	ug/l	98
71) Bromoform	12.20	173	7028	9.737	ug/l #	96
73) Isopropylbenzene	12.32	105	70756	10.592	ug/l	99
74) N-amyl acetate	12.14	43	17256	9.268	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.58	83	13266	9.946	ug/l	98
76) 1,2,3-Trichloropropane	12.63	75	10297m	6.127	ug/l	
77) Bromobenzene	12.60	156	14559	10.422	ug/l	97
78) n-propylbenzene	12.67	91	87675	10.612	ug/l	99
79) 2-Chlorotoluene	12.75	91	48661	10.729	ug/l	98
80) 1,3,5-Trimethylbenzene	12.81	105	58178	10.407	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.38	75	5324	9.953	ug/l	98
82) 4-Chlorotoluene	12.85	91	48262	10.317	ug/l	96
83) tert-Butylbenzene	13.07	119	47178	10.302	ug/l	97
84) 1,2,4-Trimethylbenzene	13.12	105	57726	10.347	ug/l	99
85) sec-Butylbenzene	13.25	105	73229	10.697	ug/l	100
86) p-Isopropyltoluene	13.37	119	61668	10.565	ug/l	98
87) 1,3-Dichlorobenzene	13.36	146	27943	10.223	ug/l	97
88) 1,4-Dichlorobenzene	13.44	146	28099	10.072	ug/l	97
89) n-Butylbenzene	13.69	91	62766	10.483	ug/l	97
90) Hexachloroethane	13.96	117	12423	10.747	ug/l	95
91) 1,2-Dichlorobenzene	13.74	146	26349	10.219	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.35	75	2814	11.478	ug/l	69

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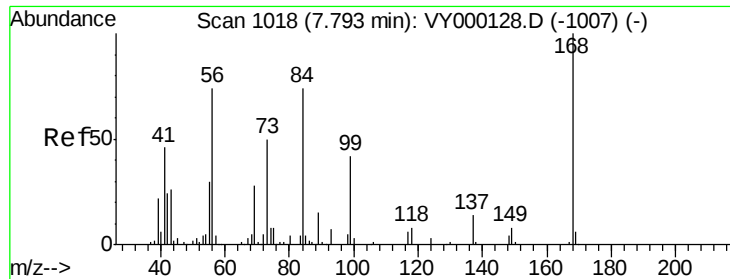
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	16931	10.213	ug/l	96
94) Hexachlorobutadiene	15.10	225	7838	10.637	ug/l	96
95) Naphthalene	15.23	128	40717	9.716	ug/l #	97
96) 1,2,3-Trichlorobenzene	15.42	180	15180	10.266	ug/l	97

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.79 min Scan# 1018

Delta R.T. 0.00 min

Lab File: VY000126.D

Acq: 23 Sep 2019 11:24

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

Tot Ion:168 Resp: 115309

Ion Ratio Lower Upper

168 100

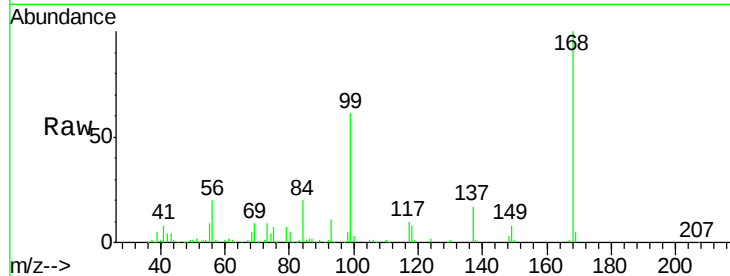
99 60.5 49.9 74.9

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): VY000128.D (-1007) (-)

Ion 98.90 (98.60 to 99.60): VY000128.D (-1007) (-)

7.79

60000

50000

40000

30000

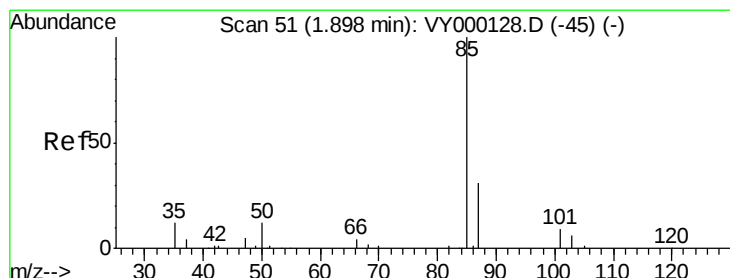
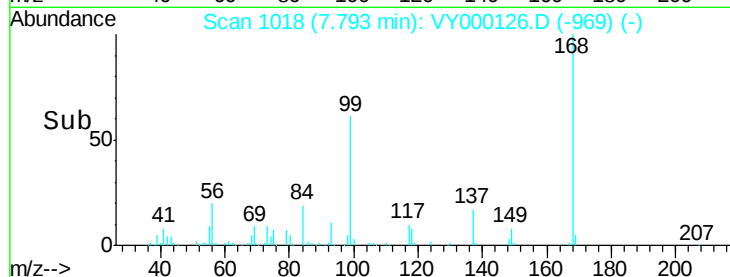
20000

10000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 11.927 ug/l

RT: 1.90 min Scan# 51

Delta R.T. 0.00 min

Lab File: VY000126.D

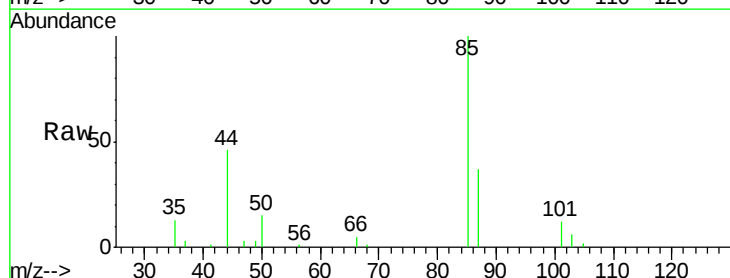
Acq: 23 Sep 2019 11:24

Tgt Ion: 85 Resp: 13643

Ion Ratio Lower Upper

85 100

87 36.6 15.4 46.4



Abundance Ion 84.90 (84.60 to 85.60): VY000128.D (-45) (-)

Ion 86.90 (86.60 to 87.60): VY000128.D (-45) (-)

1.90

8000

6000

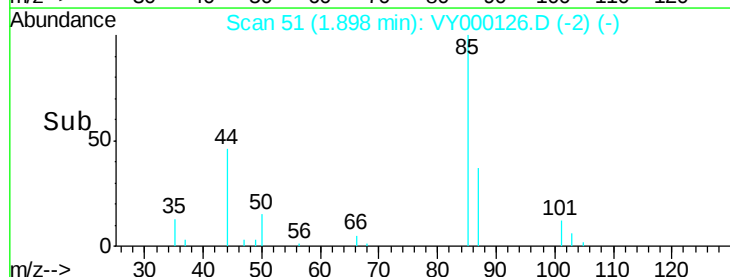
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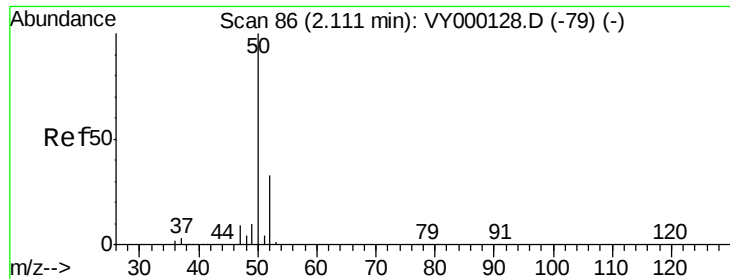
2000

0

1.80 1.85 1.90 1.95 2.00

Time-->





#3

Chloromethane

Concen: 12.329 ug/l

RT: 2.11 min Scan# 86

Delta R.T. 0.00 min

Lab File: VY000126.D

Acq: 23 Sep 2019 11:24

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

Tot Ion: 50 Resp: 26057

Ion Ratio Lower Upper

50 100

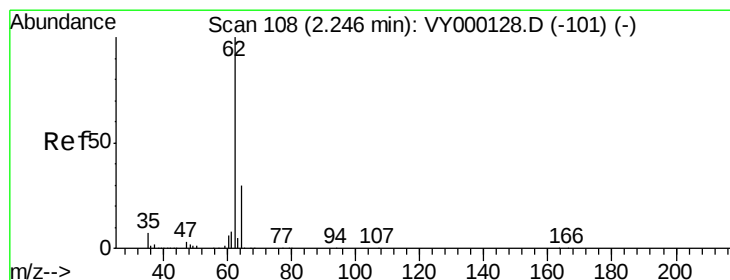
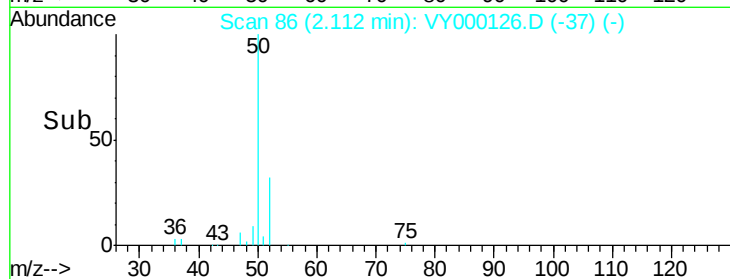
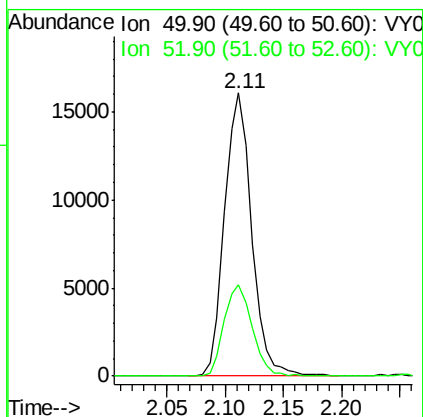
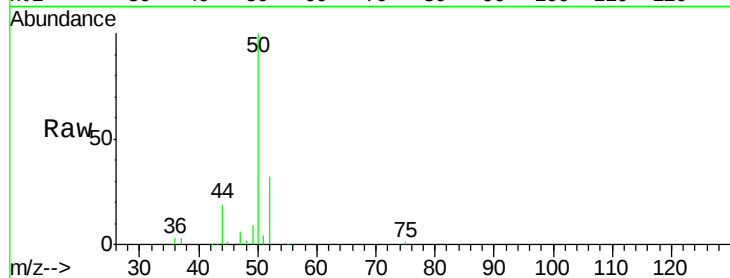
52 32.3 26.2 39.4

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#4

Vinyl Chloride

Concen: 10.671 ug/l

RT: 2.25 min Scan# 108

Delta R.T. 0.00 min

Lab File: VY000126.D

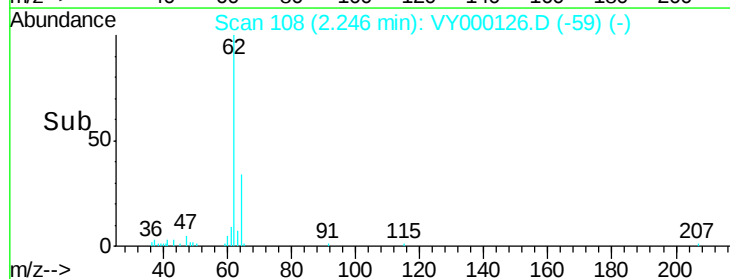
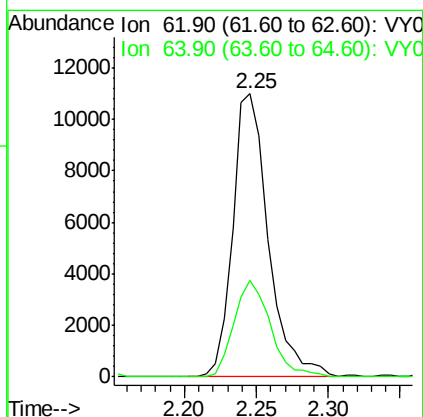
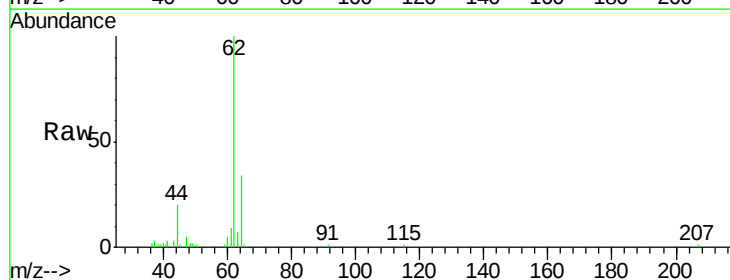
Acq: 23 Sep 2019 11:24

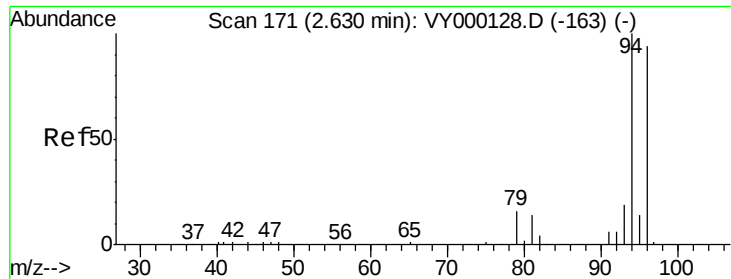
Tgt Ion: 62 Resp: 18918

Ion Ratio Lower Upper

62 100

64 34.1 24.4 36.6





#5

Bromomethane

Concen: 11.713 ug/l

RT: 2.63 min Scan# 171

Delta R.T. 0.00 min

Lab File: VY000126.D

Acq: 23 Sep 2019 11:24

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

Tot Ion: 94 Resp: 12862

Ion Ratio Lower Upper

94 100

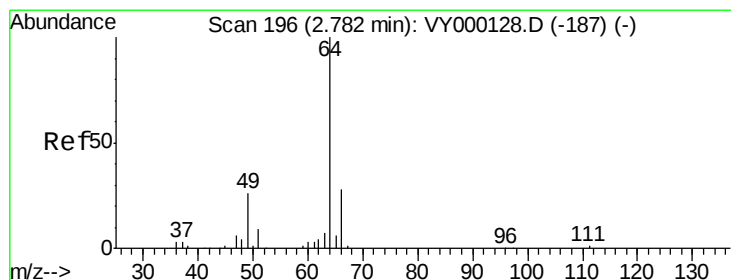
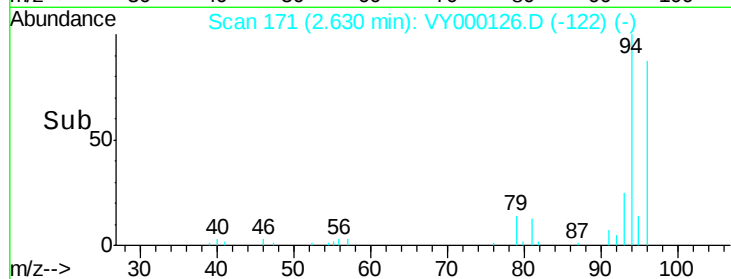
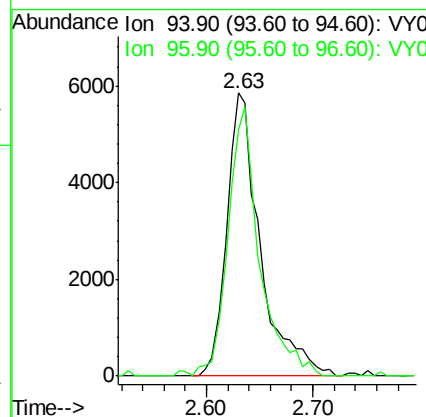
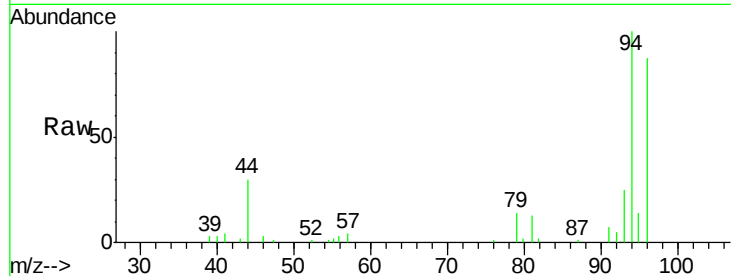
96 86.9 75.1 112.7

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#6

Chloroethane

Concen: 9.858 ug/l

RT: 2.78 min Scan# 196

Delta R.T. 0.00 min

Lab File: VY000126.D

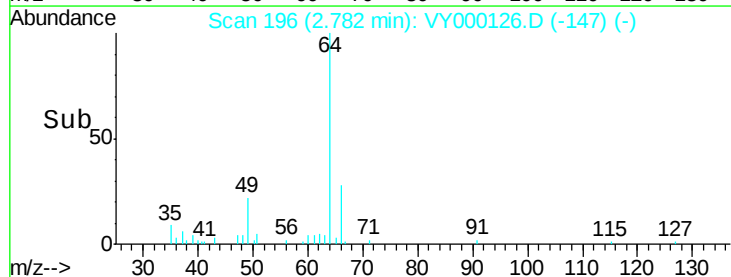
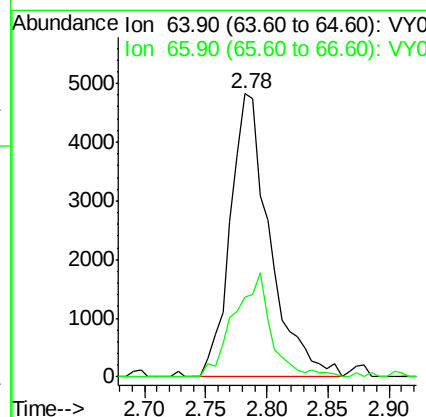
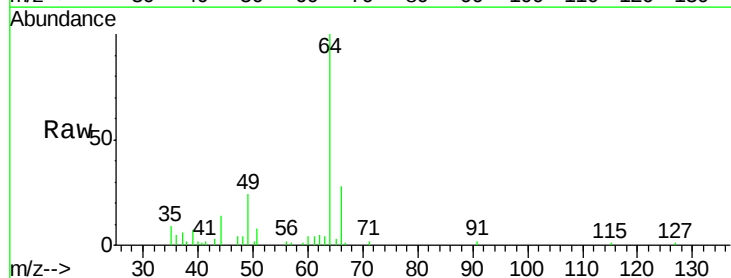
Acq: 23 Sep 2019 11:24

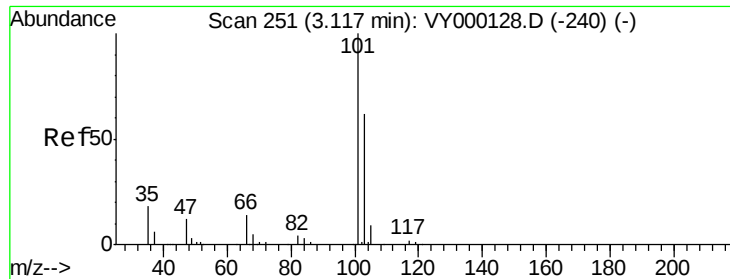
Tgt Ion: 64 Resp: 10797

Ion Ratio Lower Upper

64 100

66 28.0 22.4 33.6





#7

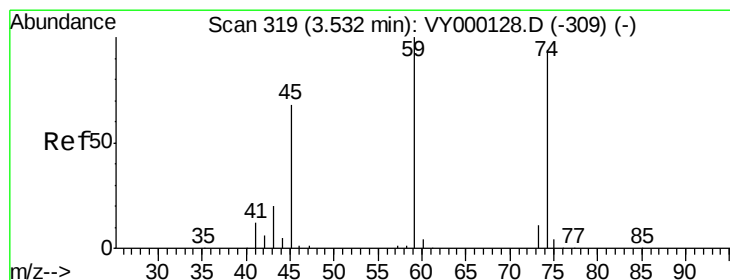
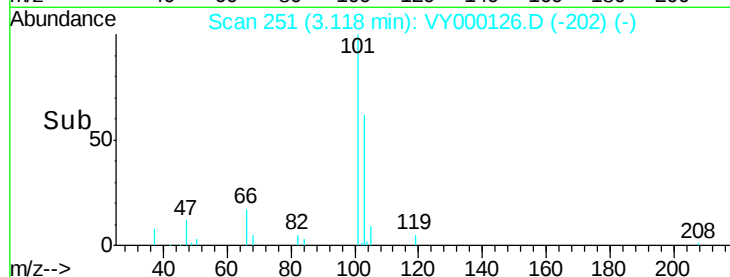
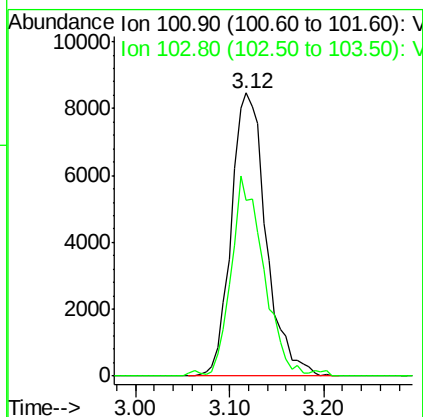
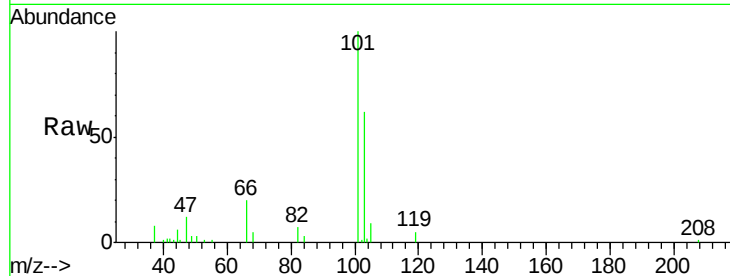
Trichlorofluoromethane
Concen: 10.747 ug/l
RT: 3.12 min Scan# 251
Delta R.T. 0.00 min
Lab File: VY000126.D
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Tot Ion	Ratio	Lower	Upper
101	100		
103	62.2	49.9	74.9

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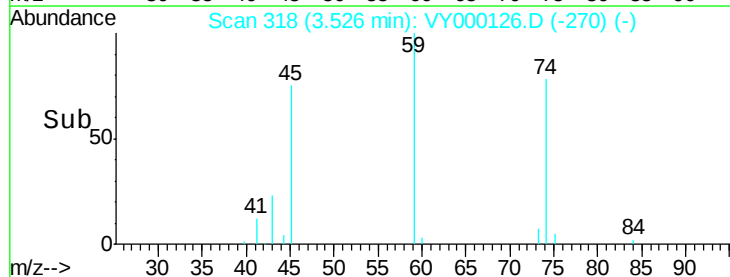
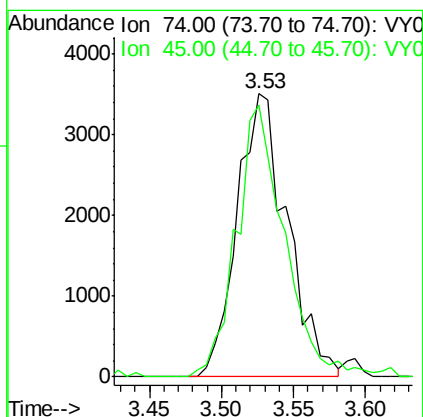
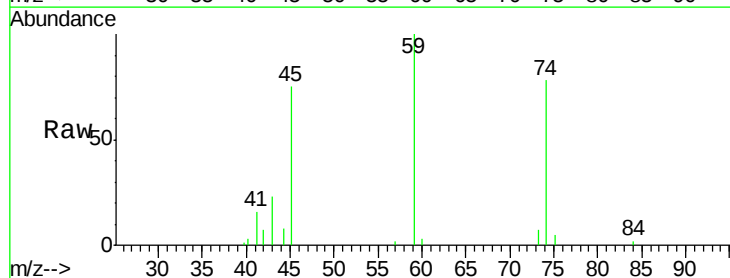
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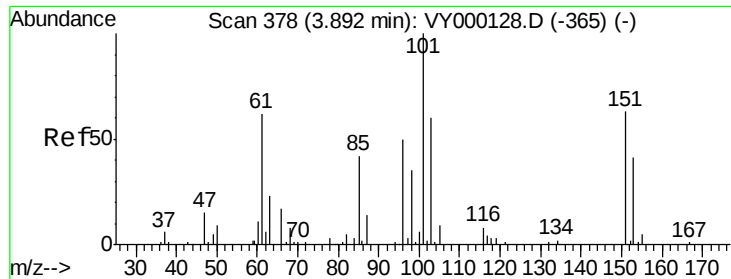


#8

Diethyl Ether
Concen: 9.744 ug/l
RT: 3.53 min Scan# 318
Delta R.T. -0.01 min
Lab File: VY000126.D
Acq: 23 Sep 2019 11:24

Tgt Ion	Ratio	Lower	Upper
74	100		
45	92.2	40.1	120.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 10.466 ug/l

RT: 3.89 min Scan# 378

Delta R.T. 0.00 min

Lab File: VY000126.D

Acq: 23 Sep 2019 11:24

Instrument :

MSVOA_Y

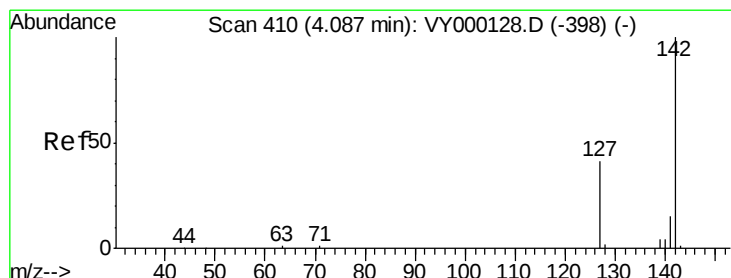
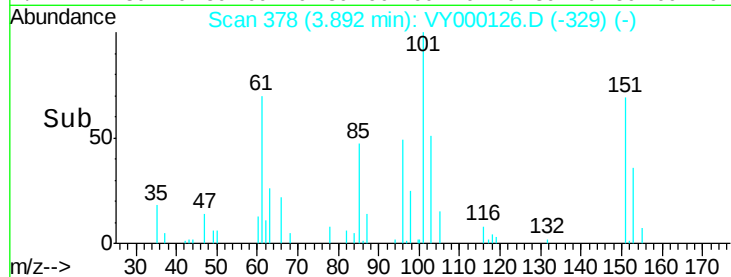
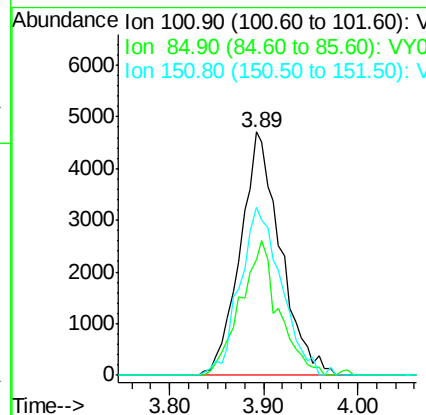
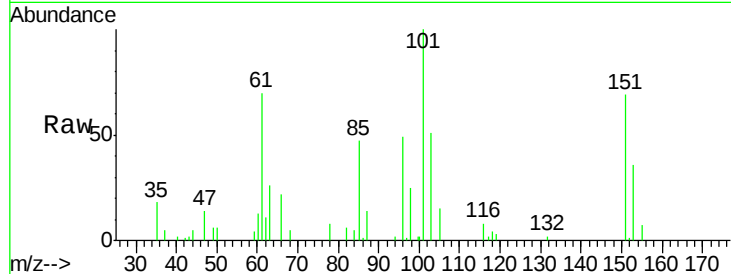
ClientSampleId :

VSTDIC010

Tot Ion:	101	Resp:	14052
Ion Ratio	Lower	Upper	
101	100		
85	52.3	36.7	55.1
151	70.9	53.9	80.9

Manual Integrations
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#10

Methyl Iodide

Concen: 8.901 ug/l

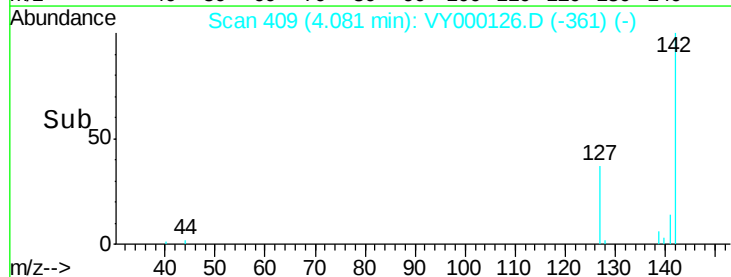
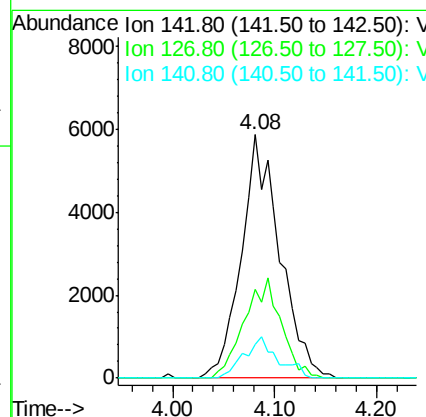
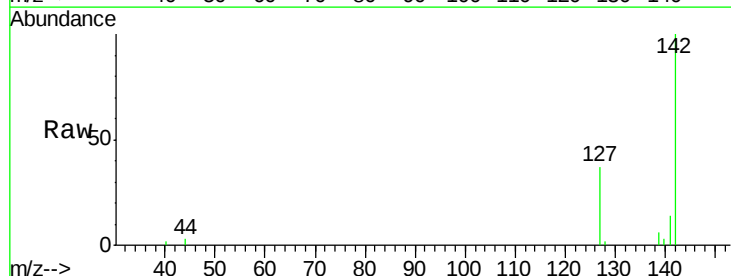
RT: 4.08 min Scan# 409

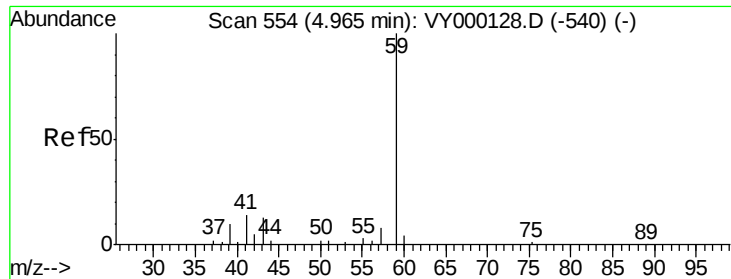
Delta R.T. -0.01 min

Lab File: VY000126.D

Acq: 23 Sep 2019 11:24

Tgt Ion:	142	Resp:	15331
Ion Ratio	Lower	Upper	
142	100		
127	39.6	32.8	49.2
141	14.8	10.8	16.2





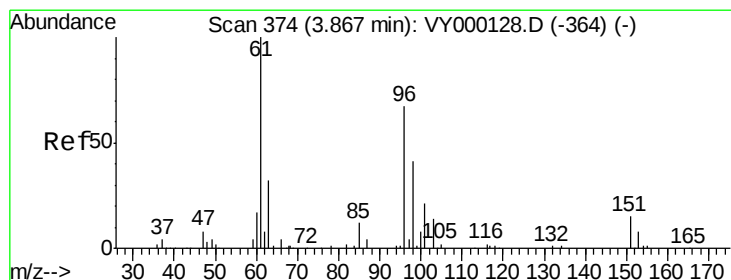
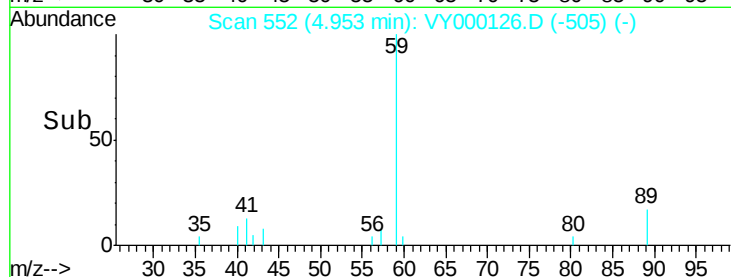
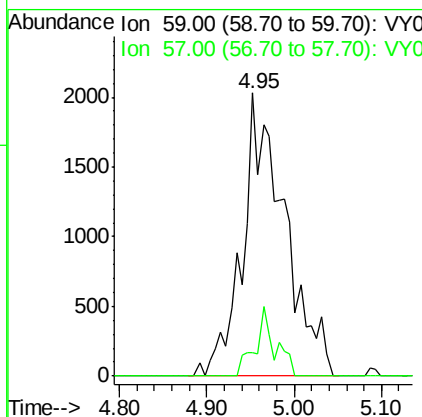
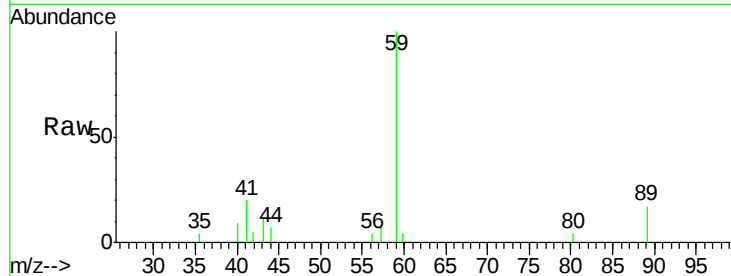
#11
Tert butyl alcohol
Concen: 49.807 ug/l
RT: 4.95 min Scan# 552
Delta R.T. -0.01 min
Lab File: VY000126.D
Acq: 23 Sep 2019 11:24

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
59	100		
57	8.3	8.2	12.4

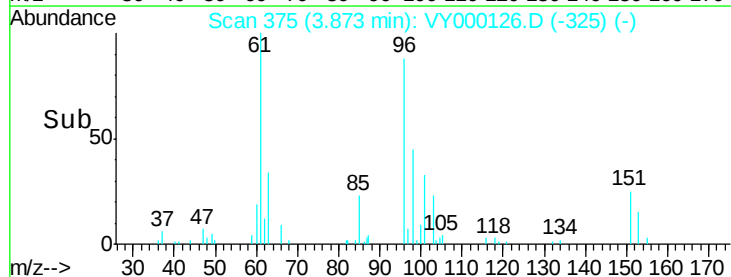
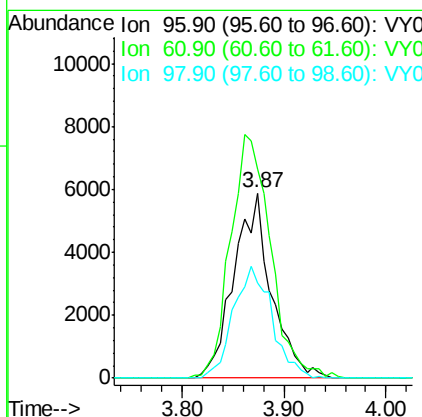
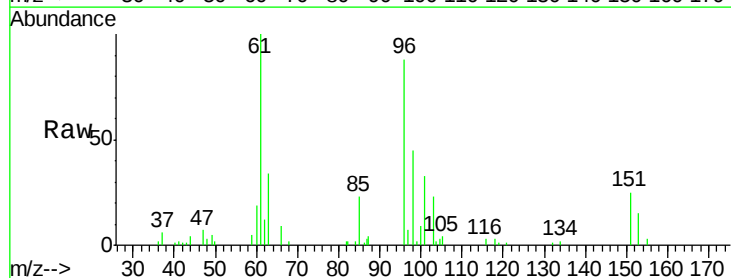
Manual Integrations
APPROVED

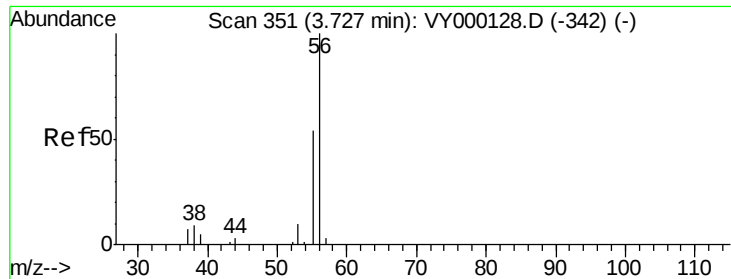
MMDadoda
9/25/2019 12:39:19 AM



#12
1,1-Dichloroethene
Concen: 10.819 ug/l
RT: 3.87 min Scan# 375
Delta R.T. 0.01 min
Lab File: VY000126.D
Acq: 23 Sep 2019 11:24

Tgt Ion	Ratio	Lower	Upper
96	100		
61	113.1	119.8	179.6#
98	51.4	48.8	73.2





#13

Acrolein

Concen: 66.851 ug/l

RT: 3.73 min Scan# 351

Delta R.T. 0.00 min

Lab File: VY000126.D

Acq: 23 Sep 2019 11:24

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

Tot Ion: 56 Resp: 3717

Ion Ratio Lower Upper

56 100

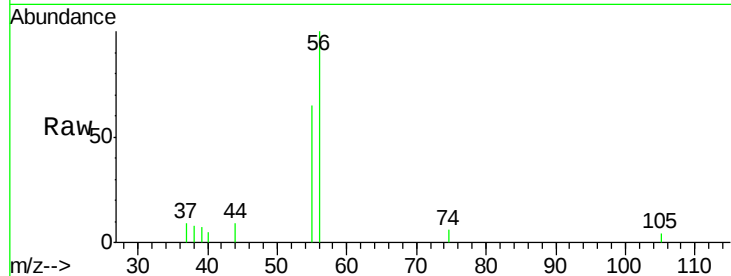
55 69.0 49.4 74.0

Manual Integrations

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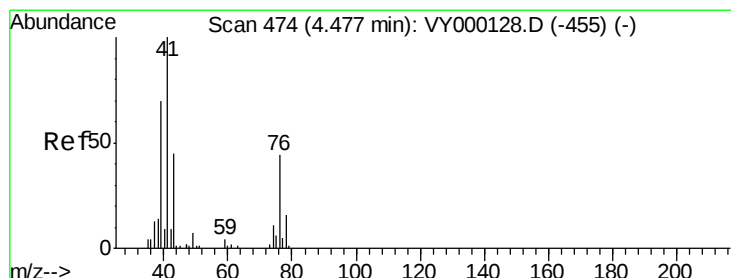
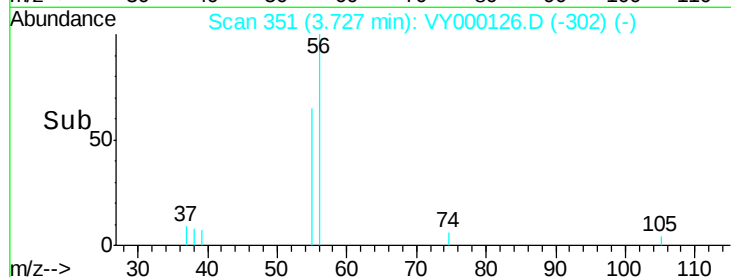
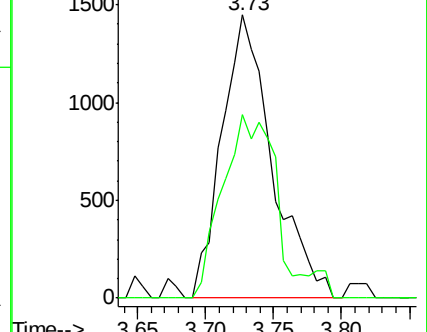
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Abundance Ion 56.00 (55.70 to 56.70): VY0

Ion 55.00 (54.70 to 55.70): VY0



#14

Allyl chloride

Concen: 9.558 ug/l

RT: 4.47 min Scan# 473

Delta R.T. -0.01 min

Lab File: VY000126.D

Acq: 23 Sep 2019 11:24

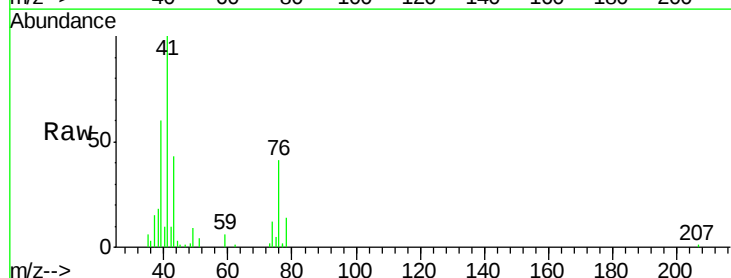
Tgt Ion: 41 Resp: 18709

Ion Ratio Lower Upper

41 100

39 75.3 52.7 79.1

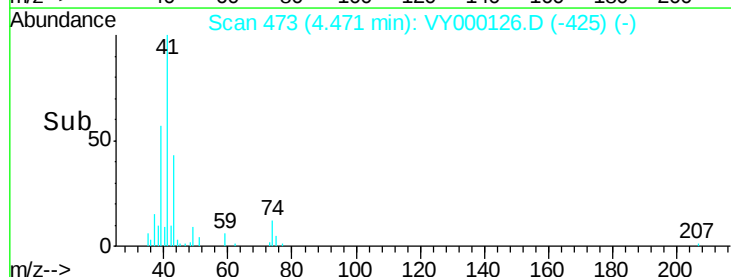
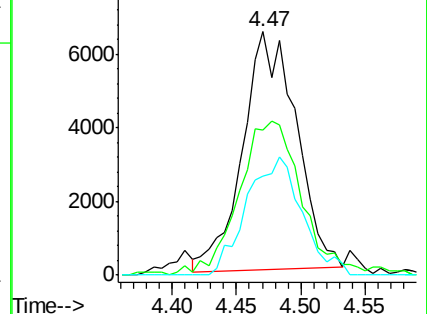
76 51.2 36.6 55.0

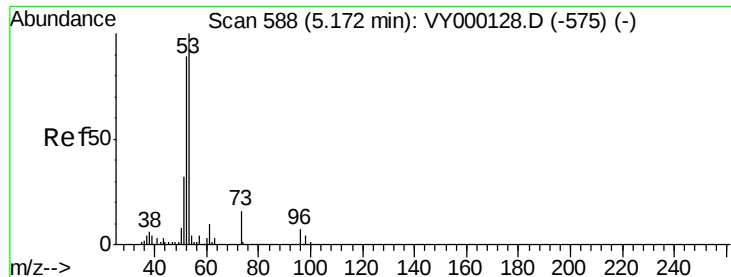


Abundance Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0

Ion 75.90 (75.60 to 76.60): VY0





#15

Acrylonitrile

Concen: 47.871 ug/l

RT: 5.17 min Scan# 587

Delta R.T. -0.01 min

Lab File: VY000126.D

Acq: 23 Sep 2019 11:24

Instrument :

MSVOA_Y

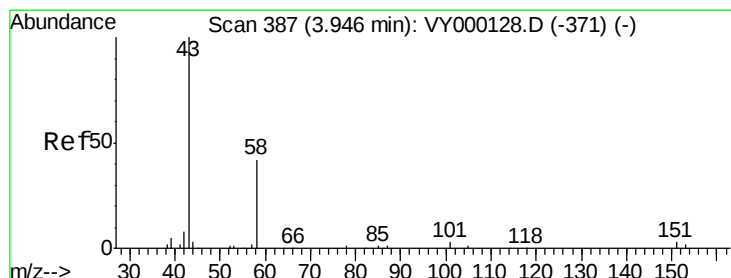
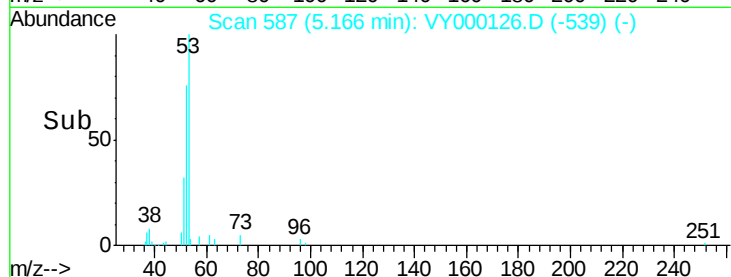
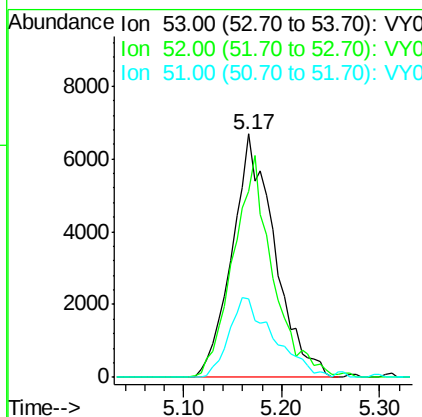
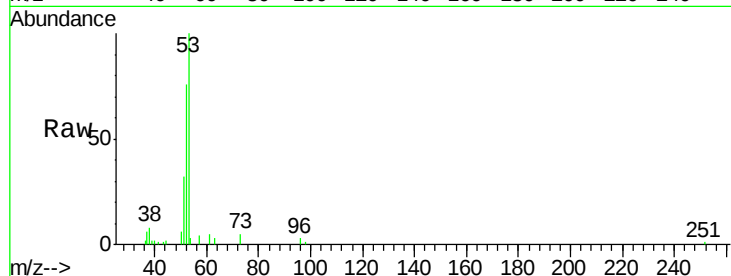
ClientSampleId :

VSTDIC010

Tot Ion:	53	Resp:	20143
Ion	Ratio	Lower	Upper
53	100		
52	84.6	63.8	95.8
51	34.3	26.6	40.0

Manual Integrations
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#16

Acetone

Concen: 48.263 ug/l

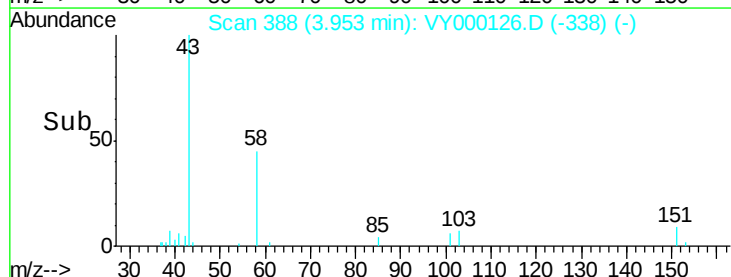
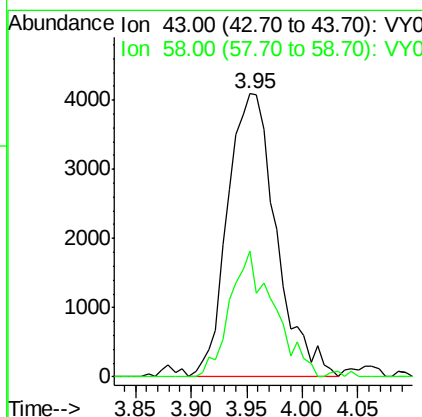
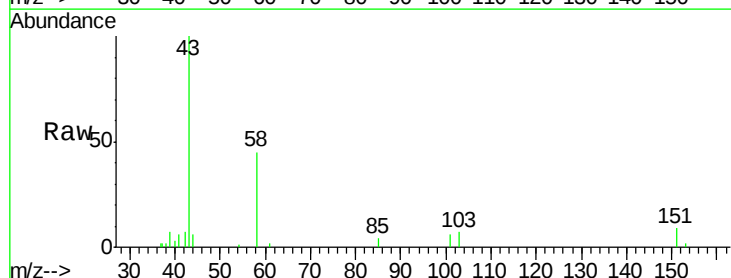
RT: 3.95 min Scan# 388

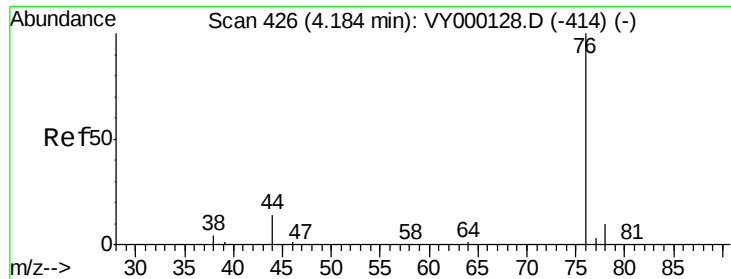
Delta R.T. 0.01 min

Lab File: VY000126.D

Acq: 23 Sep 2019 11:24

Tgt Ion:	43	Resp:	12436
Ion	Ratio	Lower	Upper
43	100		
58	44.6	33.5	50.3





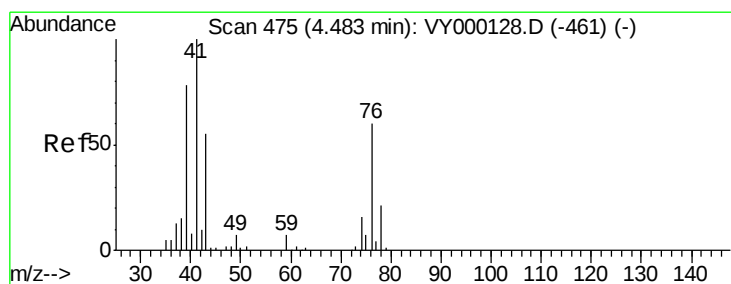
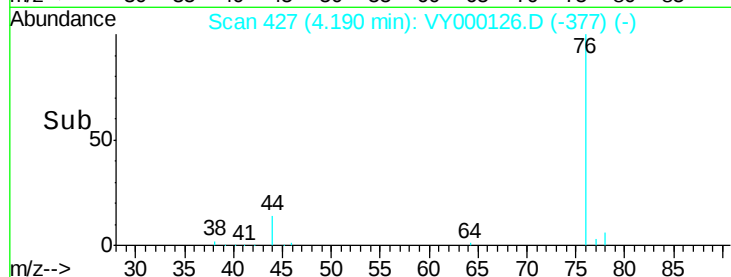
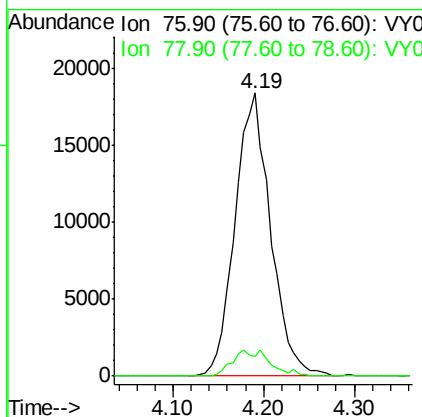
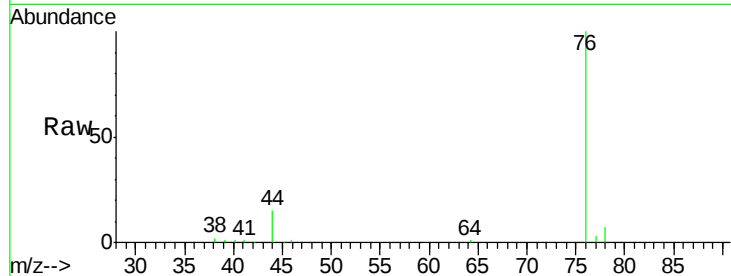
#17
Carbon Disulfide
Concen: 10.486 ug/l
RT: 4.19 min Scan# 427
Delta R.T. 0.01 min
Lab File: VY000126.D
Acq: 23 Sep 2019 11:24

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
76	100		
78	7.0	7.9	11.9#

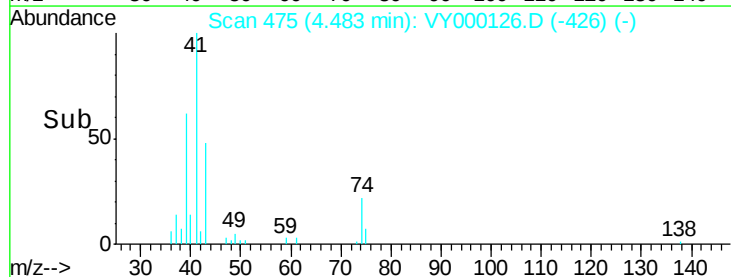
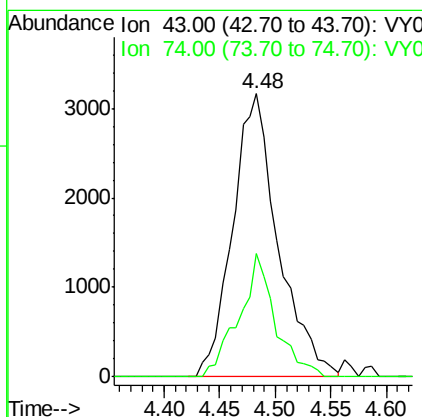
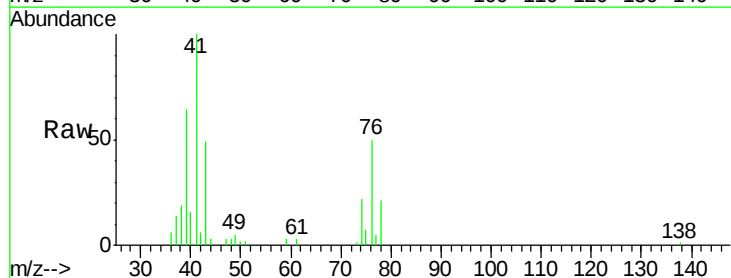
Manual Integrations
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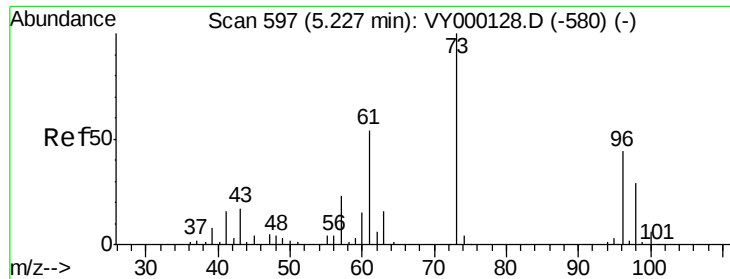
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#18
Methyl Acetate
Concen: 9.488 ug/l
RT: 4.48 min Scan# 475
Delta R.T. 0.00 min
Lab File: VY000126.D
Acq: 23 Sep 2019 11:24

Tgt Ion	Ratio	Lower	Upper
43	100		
74	34.9	22.7	34.1#





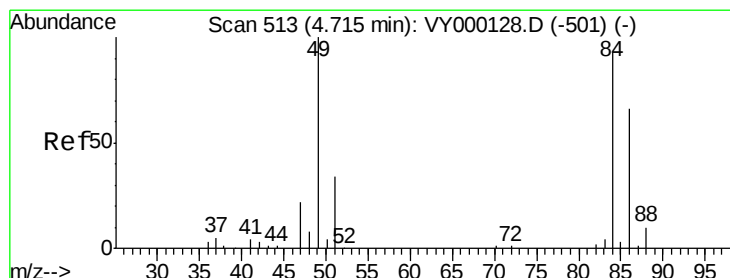
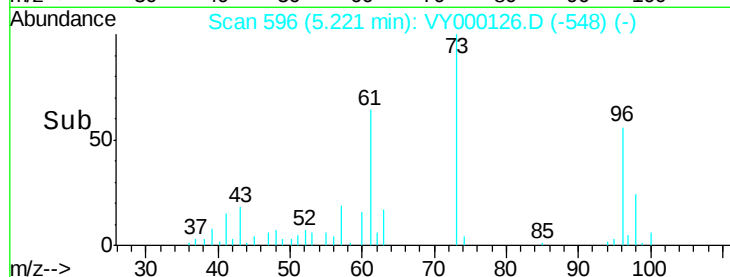
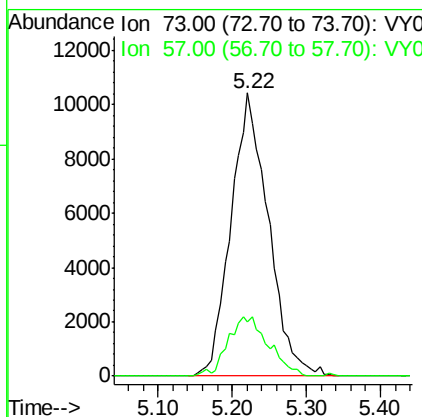
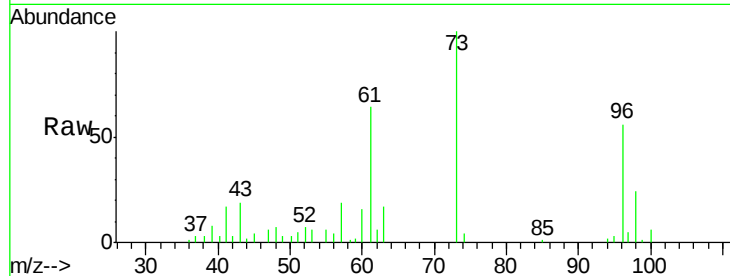
#19
Methyl tert-butyl Ether
Concen: 10.174 ug/l
RT: 5.22 min Scan# 596
Delta R.T. -0.01 min
Lab File: VY000126.D
Acq: 23 Sep 2019 11:24

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tot Ion: 73 Resp: 36661
Ion Ratio Lower Upper
73 100
57 19.3 18.3 27.5

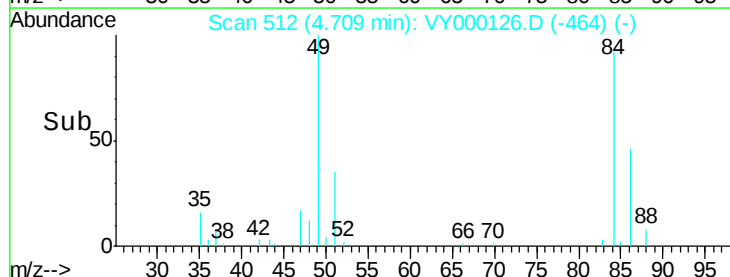
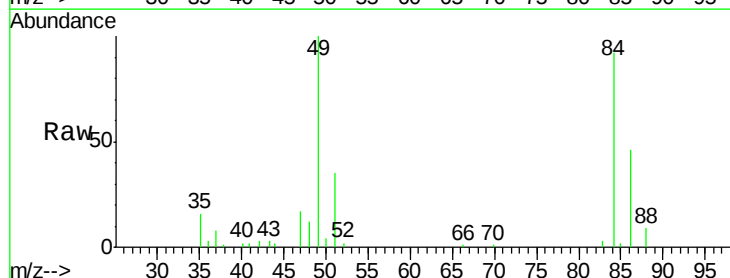
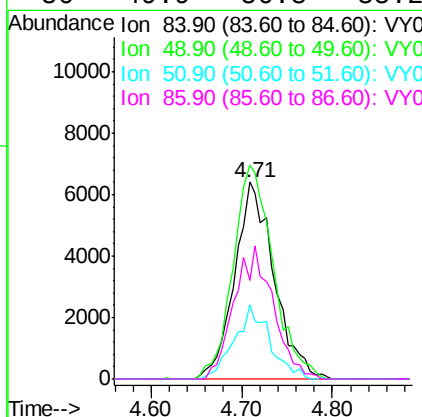
Manual Integrations
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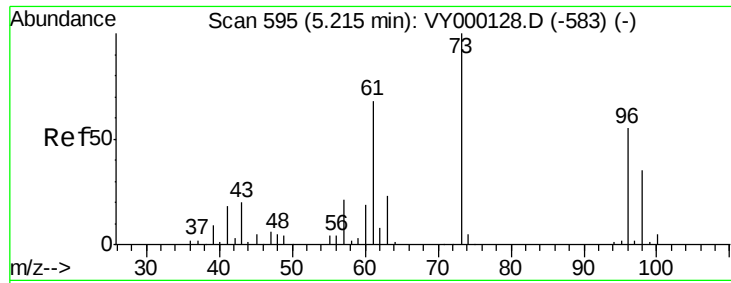
MMDadoda
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#20
Methylene Chloride
Concen: 11.144 ug/l
RT: 4.71 min Scan# 512
Delta R.T. -0.01 min
Lab File: VY000126.D
Acq: 23 Sep 2019 11:24

Tgt Ion: 84 Resp: 19296
Ion Ratio Lower Upper
84 100
49 108.5 85.8 128.6
51 37.6 29.2 43.8
86 49.9 56.8 85.2#





#21

trans-1,2-Dichloroethene

Concen: 10.817 ug/l

RT: 5.22 min Scan# 596

Delta R.T. 0.01 min

Lab File: VY000126.D

Acq: 23 Sep 2019 11:24

Instrument :

MSVOA_Y

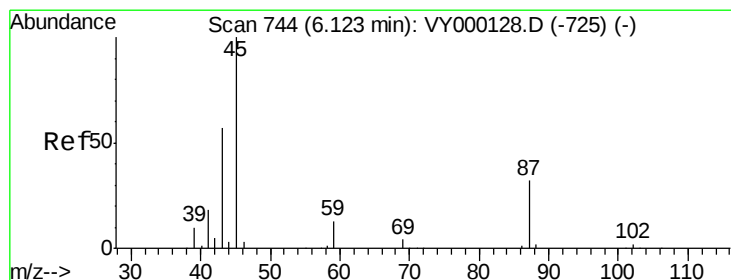
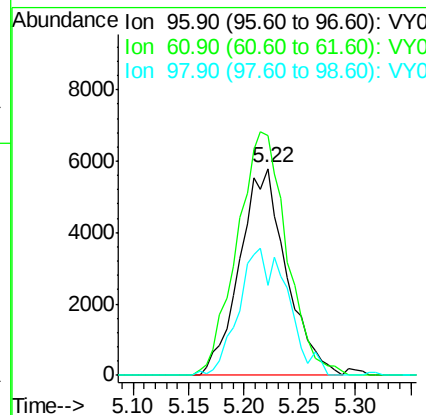
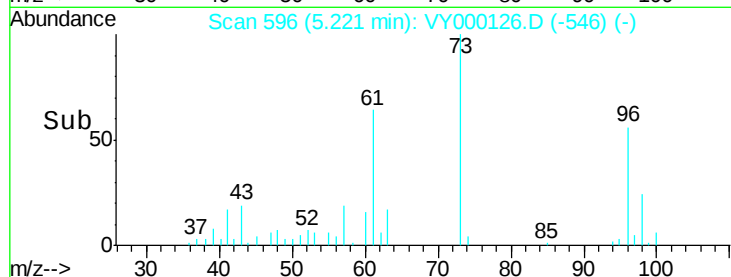
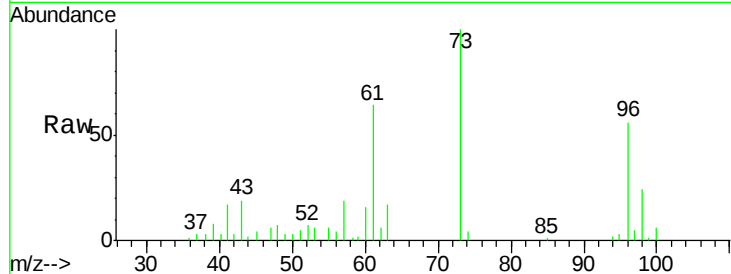
ClientSampled :

VSTDIC010

Tot Ion:	96	Resp:	16916
Ion	Ratio	Lower	Upper
96	100		
61	115.7	99.0	148.6
98	43.9	51.0	76.4#

Manual Integrations
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#22

Diisopropyl ether

Concen: 10.203 ug/l

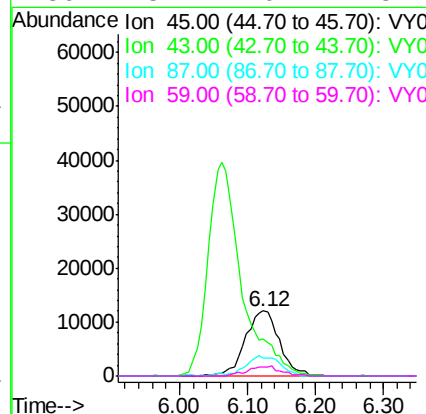
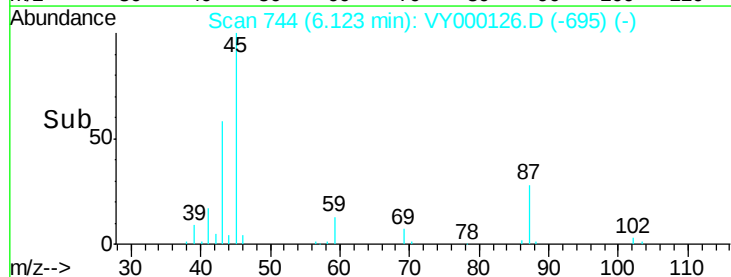
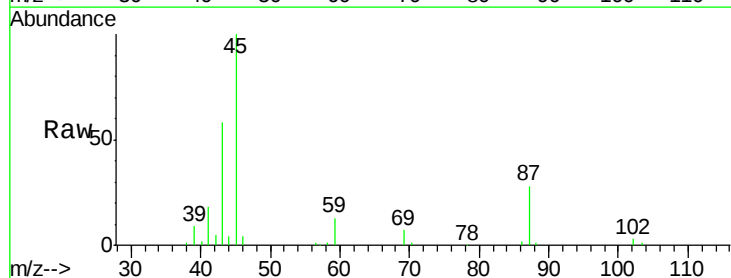
RT: 6.12 min Scan# 744

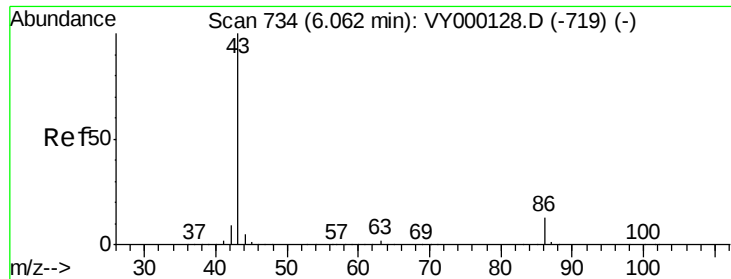
Delta R.T. 0.00 min

Lab File: VY000126.D

Acq: 23 Sep 2019 11:24

Tgt Ion:	45	Resp:	42581
Ion	Ratio	Lower	Upper
45	100		
43	58.3	48.2	72.4
87	28.0	25.9	38.9
59	13.1	10.2	15.2





#23

Vinyl Acetate

Concen: 49.125 ug/l

RT: 6.06 min Scan# 734

Delta R.T. 0.00 min

Lab File: VY000126.D

Acq: 23 Sep 2019 11:24

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

Tot Ion: 43 Resp: 136634

Ion Ratio Lower Upper

43 100

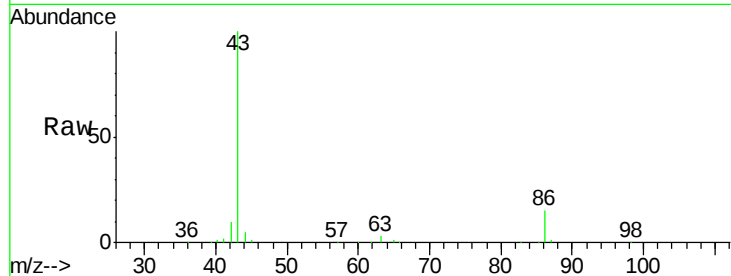
86 14.8 10.6 16.0

Manual Integrations

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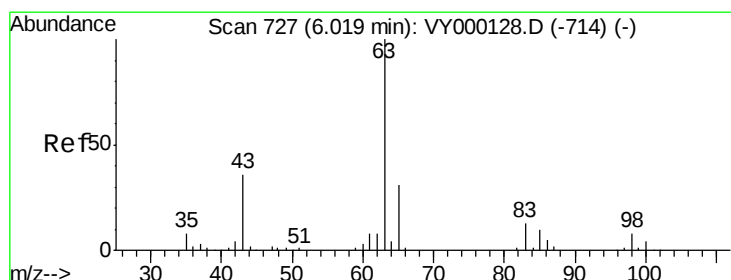
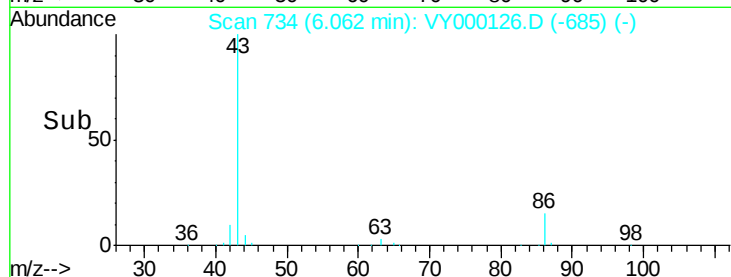
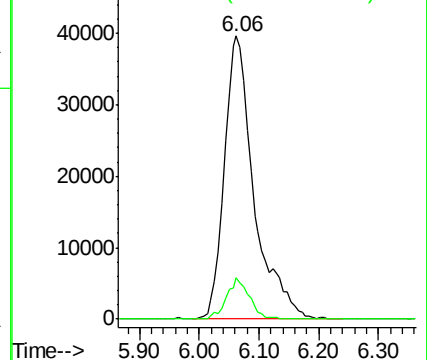
MMDadoda

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Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0



#24

1,1-Dichloroethane

Concen: 10.728 ug/l

RT: 6.03 min Scan# 728

Delta R.T. 0.01 min

Lab File: VY000126.D

Acq: 23 Sep 2019 11:24

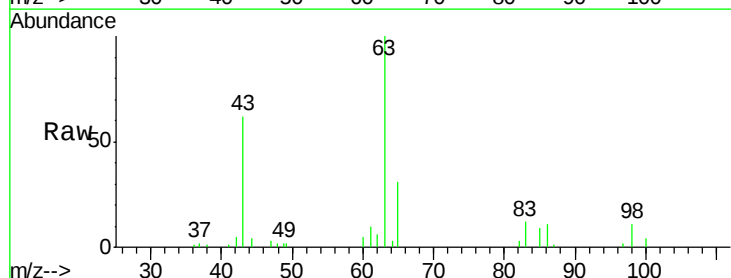
Tgt Ion: 63 Resp: 26673

Ion Ratio Lower Upper

63 100

98 11.0 3.9 11.7

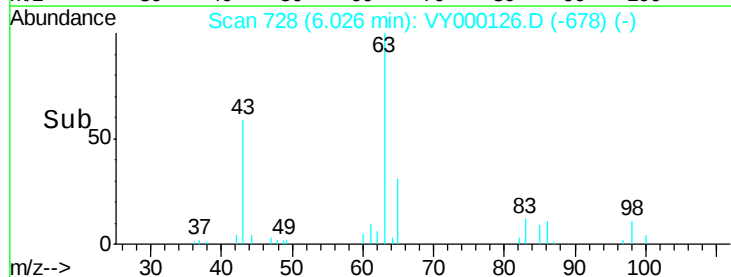
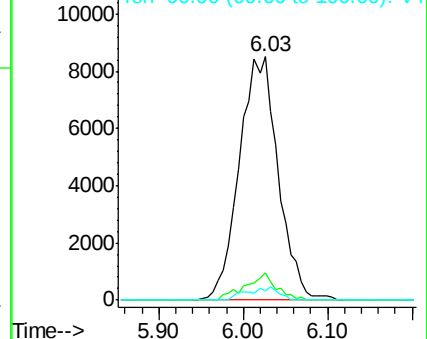
100 3.8 2.2 6.6

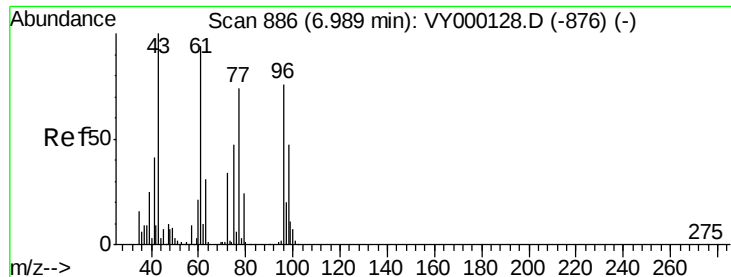


Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0





#25

2-Butanone

Concen: 49.985 ug/l

RT: 6.99 min Scan# 887

Delta R.T. 0.01 min

Lab File: VY000126.D

Acq: 23 Sep 2019 11:24

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

Tot Ion: 43 Resp: 23896

Ion Ratio Lower Upper

43 100

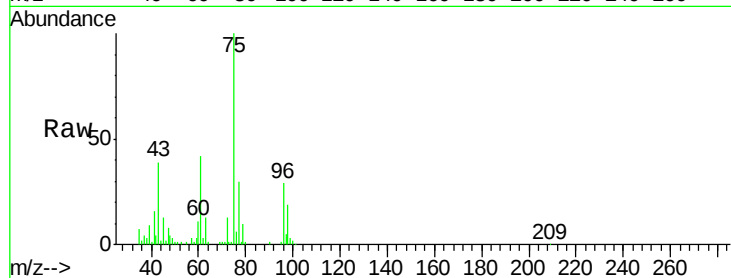
72 32.7 27.0 40.6

Manual Integrations

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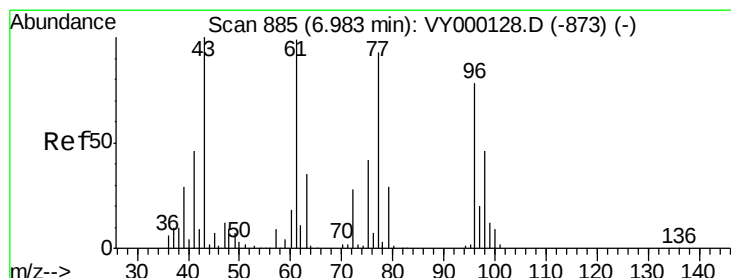
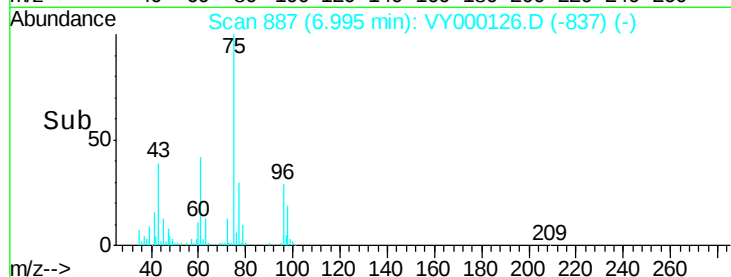
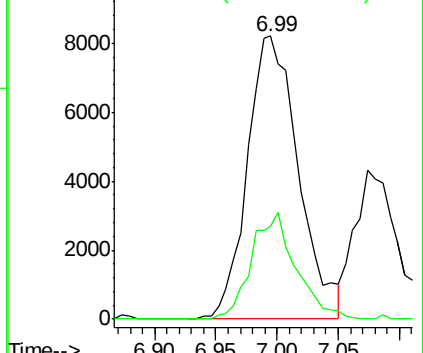
MMDadoda

9/25/2019 12:39:19 AM



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 72.00 (71.70 to 72.70): VY0



#26

2,2-Dichloropropane

Concen: 10.556 ug/l

RT: 6.99 min Scan# 886

Delta R.T. 0.01 min

Lab File: VY000126.D

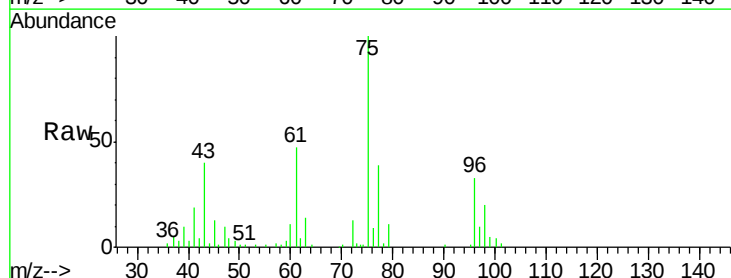
Acq: 23 Sep 2019 11:24

Tgt Ion: 77 Resp: 23784

Ion Ratio Lower Upper

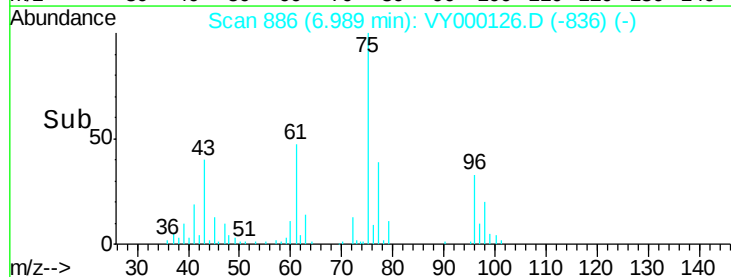
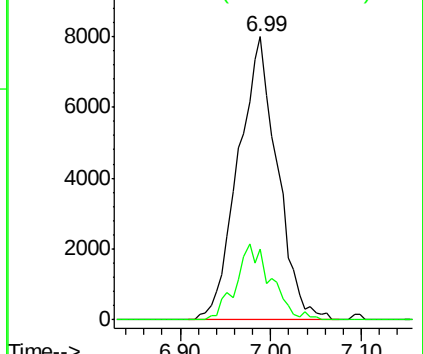
77 100

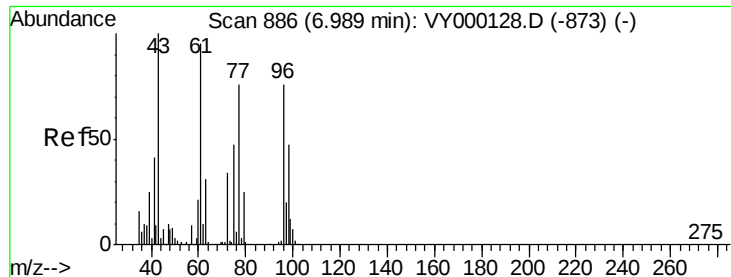
97 23.7 12.0 36.0



Abundance Ion 76.90 (76.60 to 77.60): VY0

Ion 96.90 (96.60 to 97.60): VY0





#27

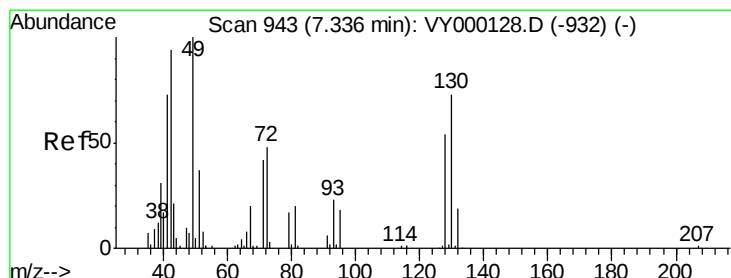
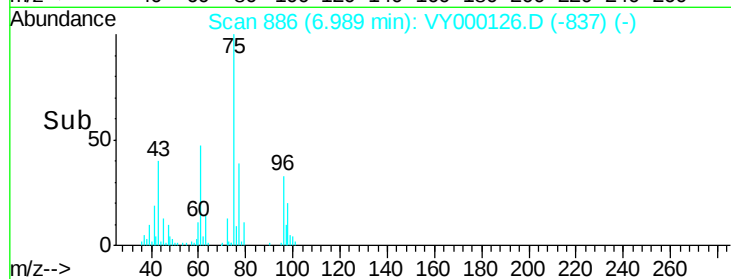
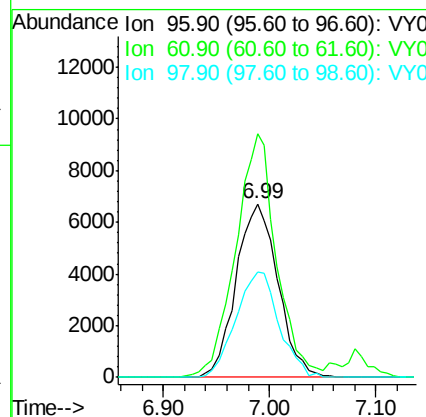
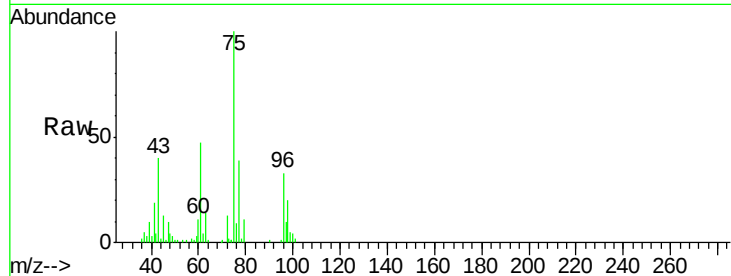
cis-1,2-Dichloroethene
Concen: 10.642 ug/l
RT: 6.99 min Scan# 886
Delta R.T. 0.00 min
Lab File: VY000126.D
Acq: 23 Sep 2019 11:24

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
96	100		
61	136.3	0.0	254.8
98	62.2	0.0	127.8

Manual Integrations
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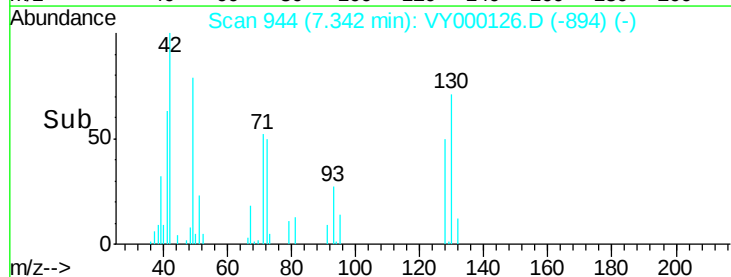
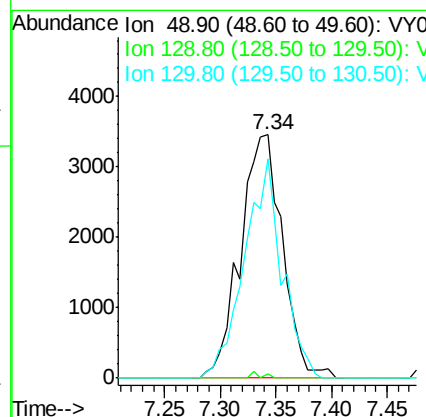
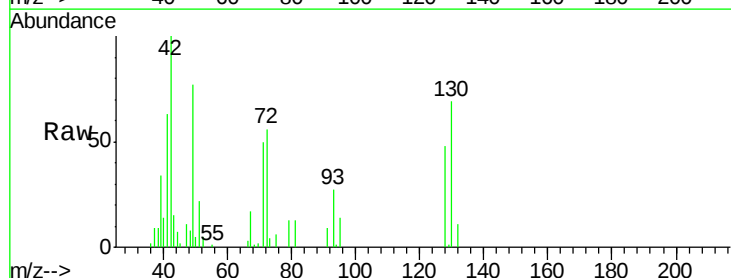
MMDadoda
9/25/2019 12:39:19 AM

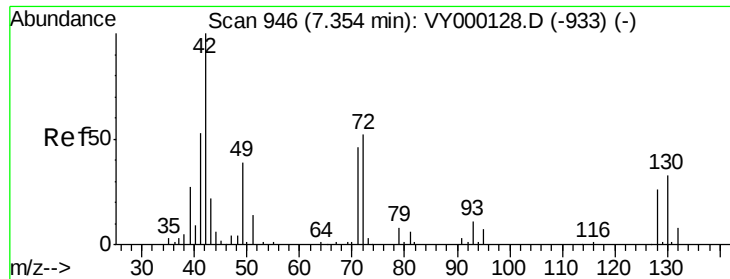


#28

Bromochloromethane
Concen: 9.366 ug/l
RT: 7.34 min Scan# 944
Delta R.T. 0.01 min
Lab File: VY000126.D
Acq: 23 Sep 2019 11:24

Tgt Ion	Ratio	Lower	Upper
49	100		
129	0.6	0.0	3.4
130	80.1	62.0	93.0





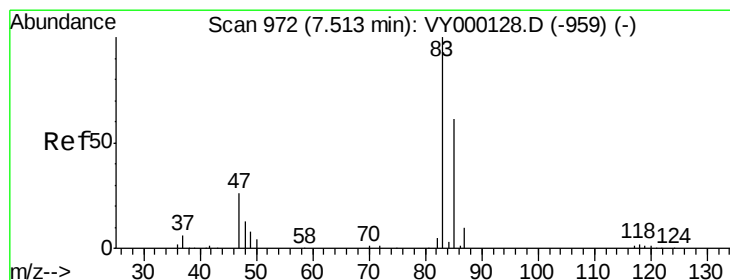
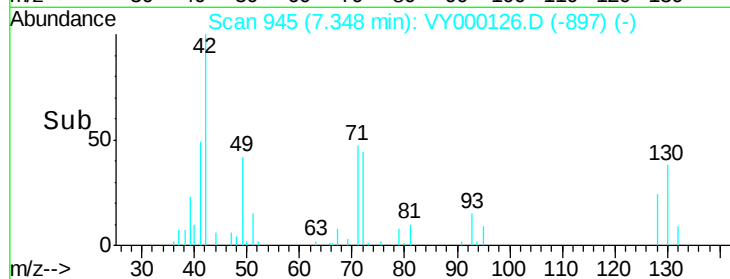
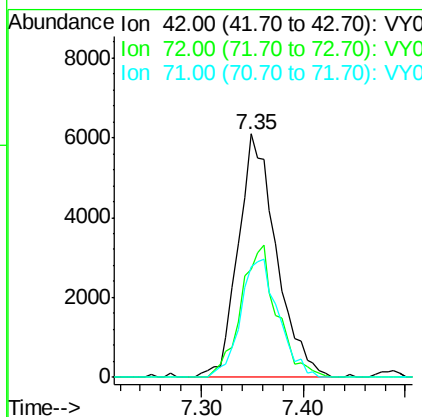
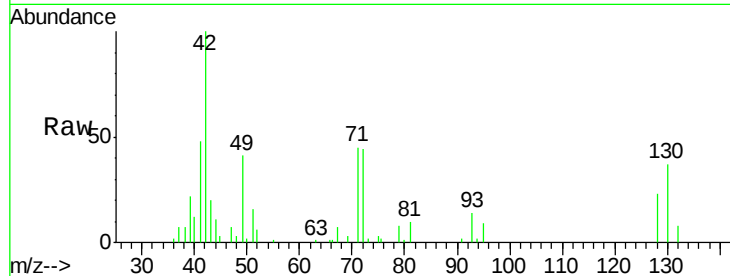
#29
Tetrahydrofuran
Concen: 48.783 ug/l
RT: 7.35 min Scan# 945
Delta R.T. -0.01 min
Lab File: VY000126.D
Acq: 23 Sep 2019 11:24

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
42	100		
72	51.5	41.8	62.8
71	48.2	38.6	58.0

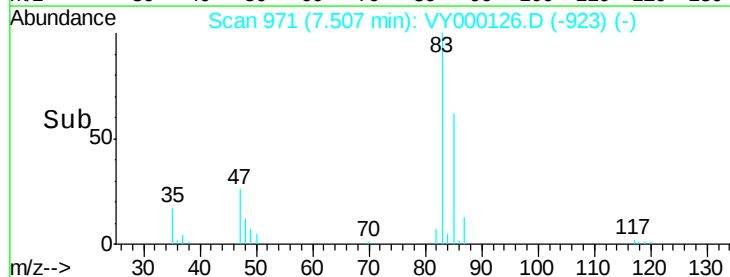
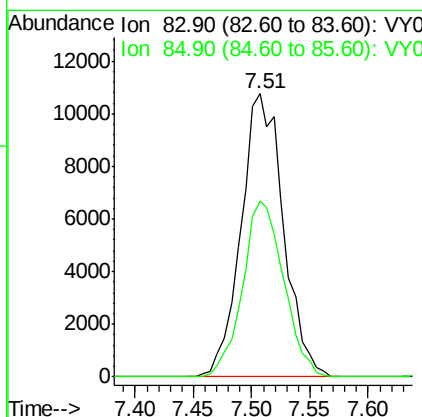
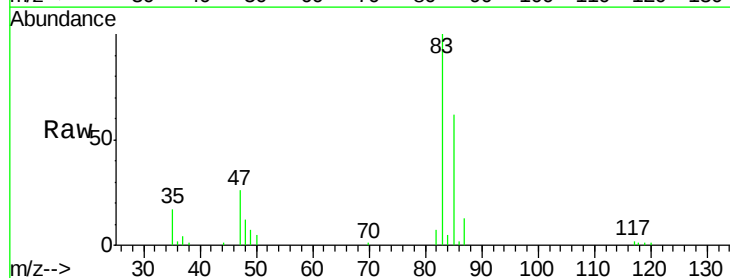
Manual Integrations
APPROVED

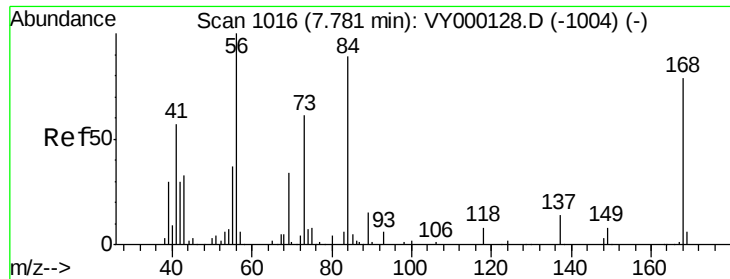
MMDadoda
9/25/2019 12:39:19 AM



#30
Chloroform
Concen: 10.863 ug/l
RT: 7.51 min Scan# 971
Delta R.T. -0.01 min
Lab File: VY000126.D
Acq: 23 Sep 2019 11:24

Tgt Ion	Ratio	Lower	Upper
83	100		
85	62.3	49.0	73.6





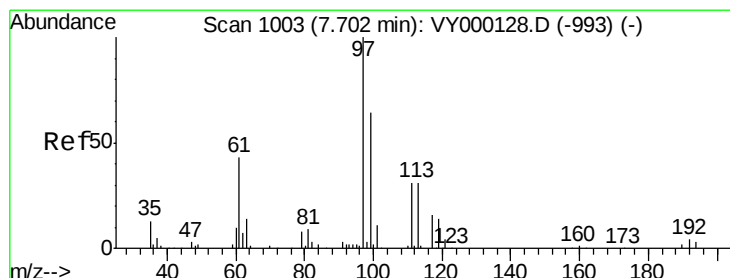
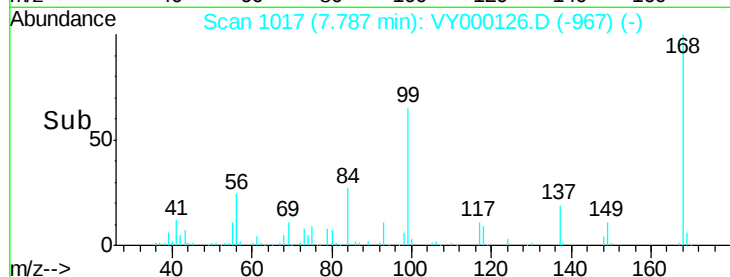
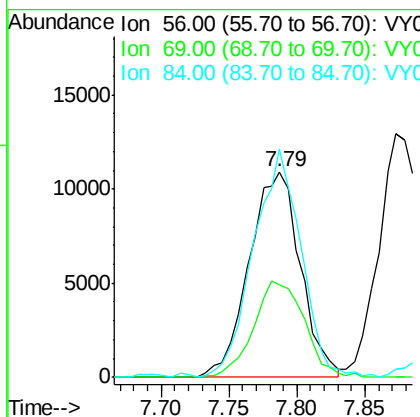
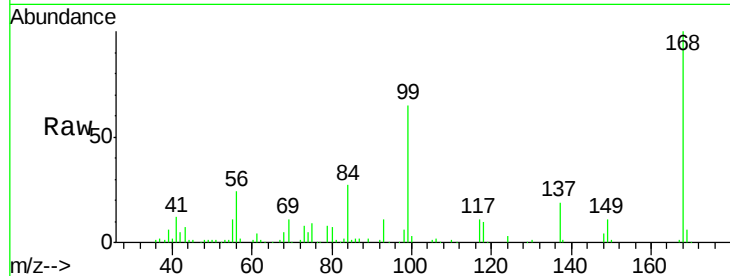
#31
Cyclohexane
Concen: 11.141 ug/l
RT: 7.79 min Scan# 1017
Delta R.T. 0.01 min
Lab File: VY000126.D
Acq: 23 Sep 2019 11:24

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
56	100		
69	44.8	27.1	40.7#
84	109.5	71.3	106.9#

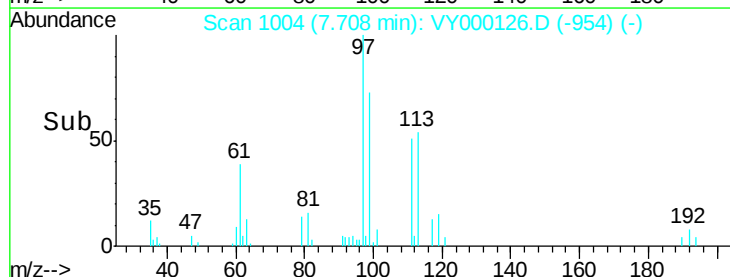
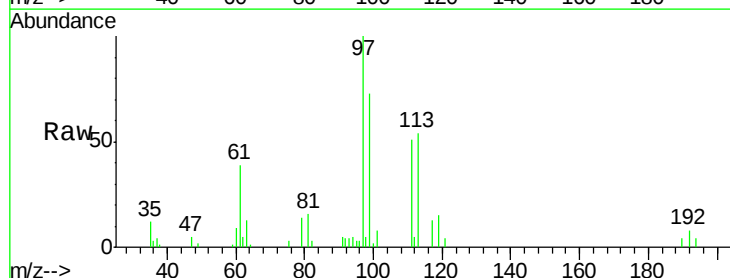
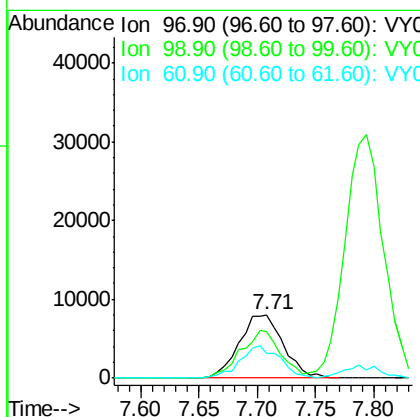
Manual Integrations
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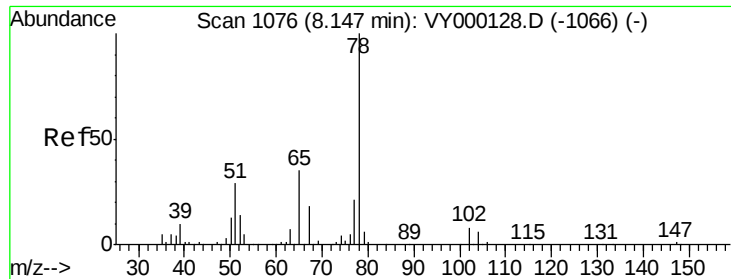
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#32
1,1,1-Trichloroethane
Concen: 10.238 ug/l
RT: 7.71 min Scan# 1004
Delta R.T. 0.01 min
Lab File: VY000126.D
Acq: 23 Sep 2019 11:24

Tgt Ion	Ratio	Lower	Upper
97	100		
99	67.8	51.3	76.9
61	46.9	36.0	54.0





#33

1,2-Dichloroethane-d4

Concen: 9.995 ug/l

RT: 8.15 min Scan# 1076

Delta R.T. 0.00 min

Lab File: VY000126.D

Acq: 23 Sep 2019 11:24

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

Tot Ion: 65 Resp: 13248

Ion Ratio Lower Upper

65 100

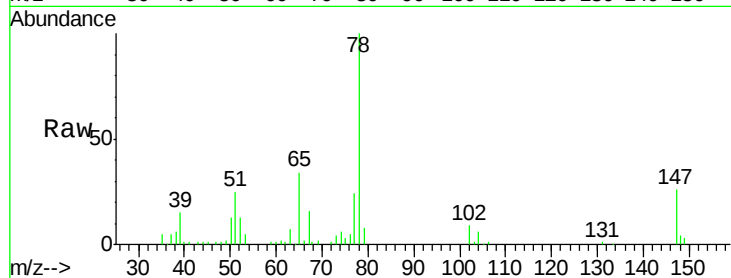
67 62.4 0.0 109.6

Manual Integrations

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Abundance Ion 64.90 (64.60 to 65.60): VY000126.D (-1027) (-)

Ion 66.90 (66.60 to 67.60): VY000126.D (-1027) (-)

8.15

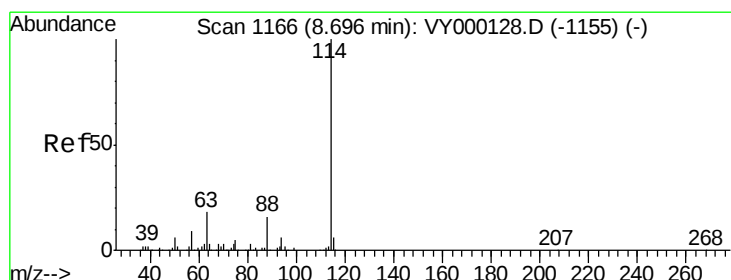
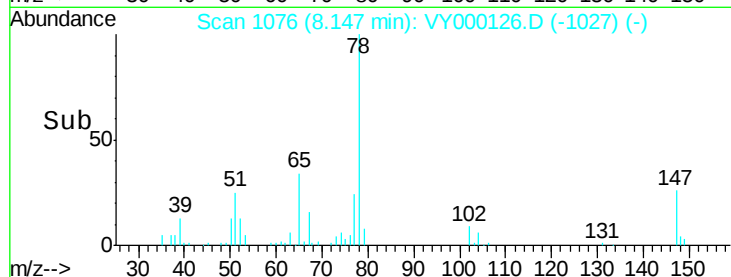
6000

4000

2000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.69 min Scan# 1165

Delta R.T. -0.01 min

Lab File: VY000126.D

Acq: 23 Sep 2019 11:24

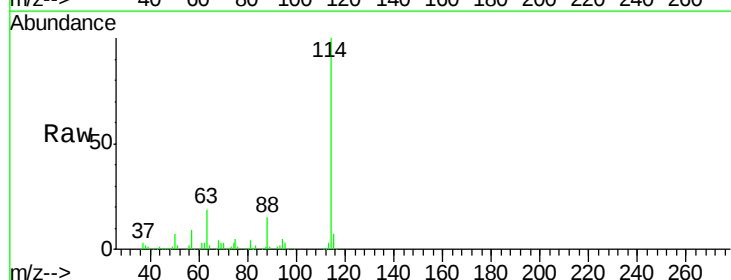
Tgt Ion: 114 Resp: 221034

Ion Ratio Lower Upper

114 100

63 19.5 0.0 35.6

88 15.0 0.0 31.8



Abundance Ion 113.90 (113.60 to 114.60): VY000126.D (-1117) (-)

Ion 63.00 (62.70 to 63.70): VY000126.D (-1117) (-)

Ion 87.90 (87.60 to 88.60): VY000126.D (-1117) (-)

8.69

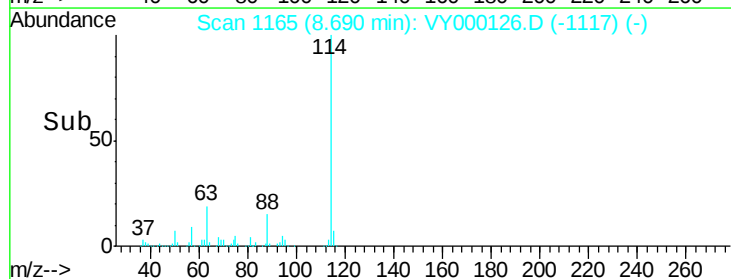
150000

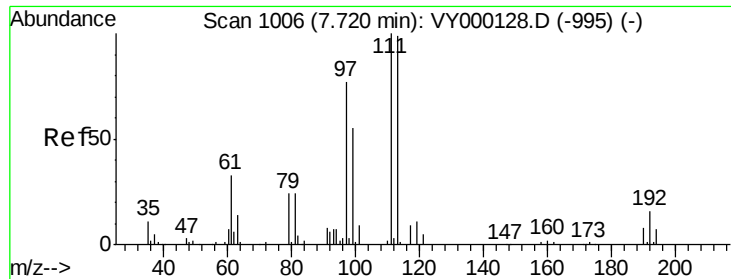
100000

50000

0

Time-->





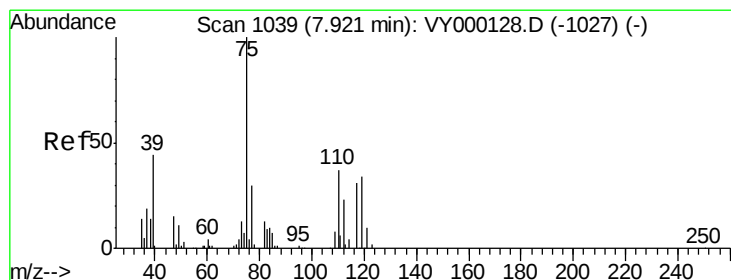
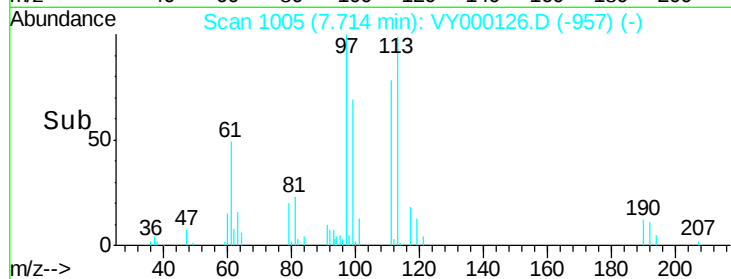
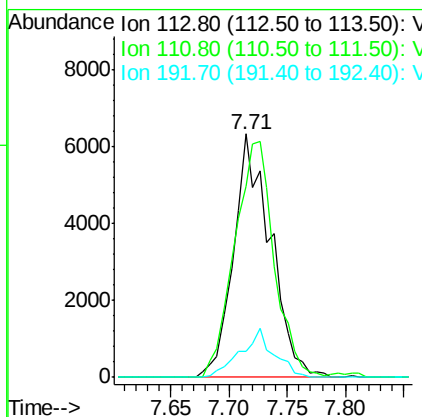
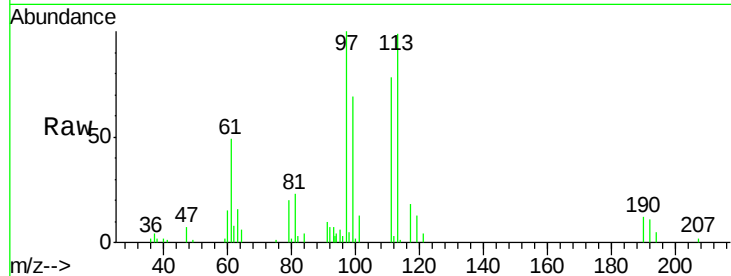
#35
 Dibromofluoromethane
 Concen: 10.989 ug/l
 RT: 7.71 min Scan# 1005
 Delta R.T. -0.01 min
 Lab File: VY000126.D
 Acq: 23 Sep 2019 11:24

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

Tot Ion	Ratio	Resp	Lower	Upper
113	100	13947		
111	103.9	83.0	124.4	
192	17.9	13.5	20.3	

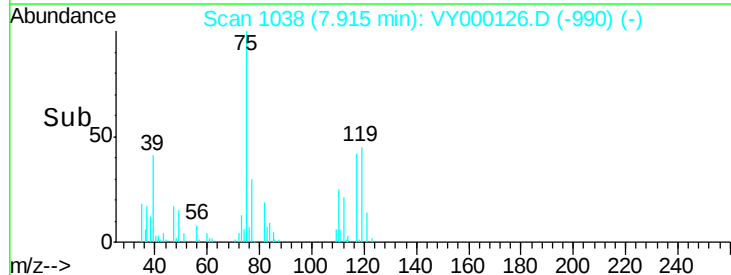
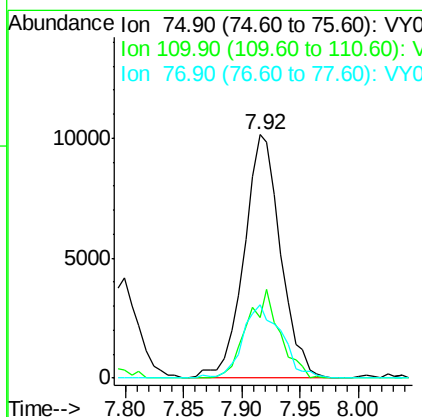
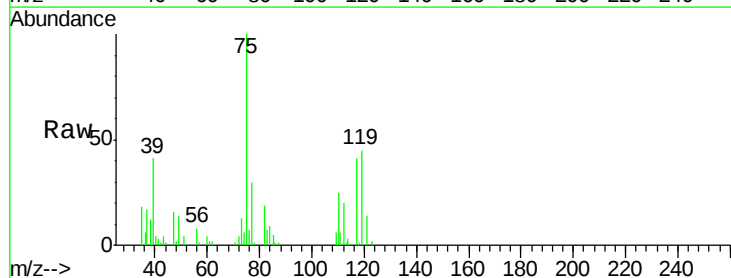
Manual Integrations
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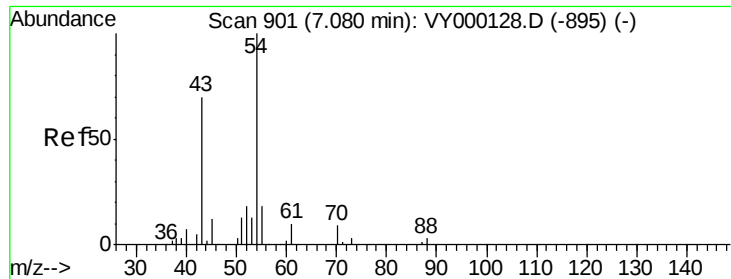
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#36
 1,1-Dichloropropene
 Concen: 10.833 ug/l
 RT: 7.92 min Scan# 1038
 Delta R.T. -0.01 min
 Lab File: VY000126.D
 Acq: 23 Sep 2019 11:24

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	22170		
110	32.8	19.1	57.3	
77	31.8	24.7	37.1	





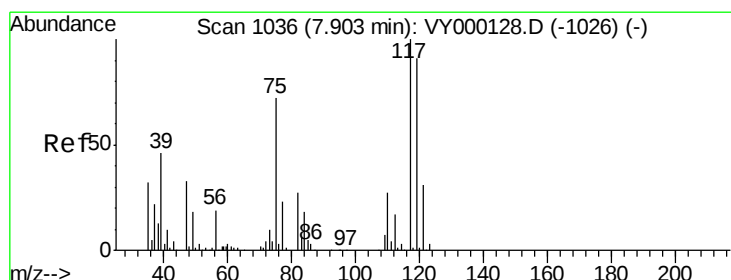
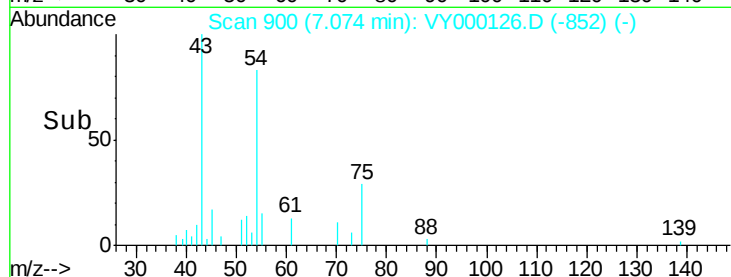
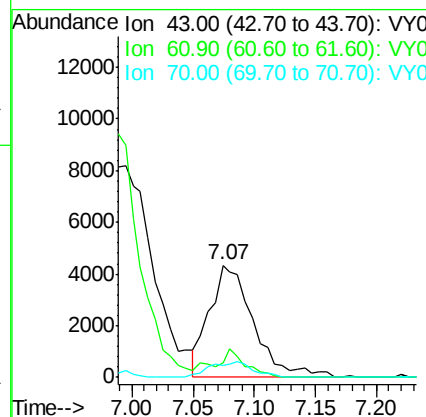
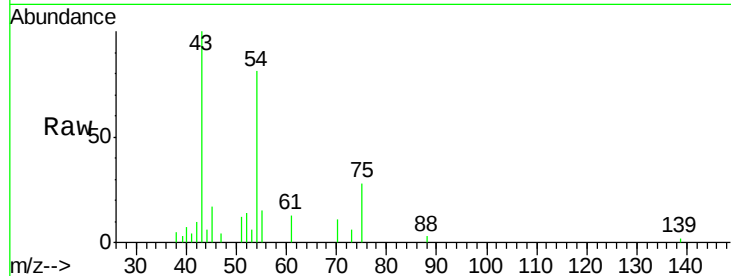
#37
Ethyl Acetate
Concen: 10.020 ug/l
RT: 7.07 min Scan# 900
Delta R.T. -0.01 min
Lab File: VY000126.D
Acq: 23 Sep 2019 11:24

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
43	100		
61	17.5	12.1	18.1
70	13.5	10.0	15.0

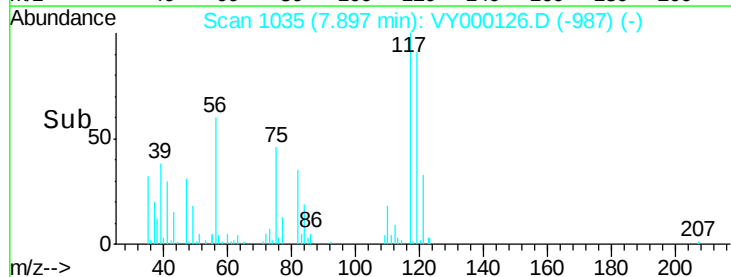
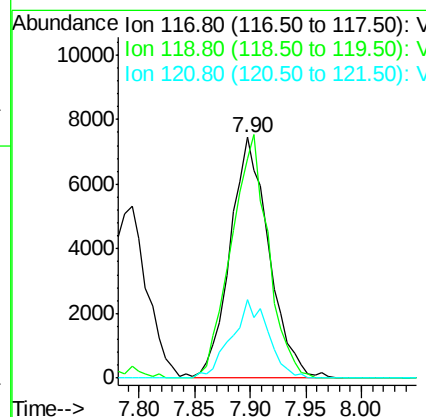
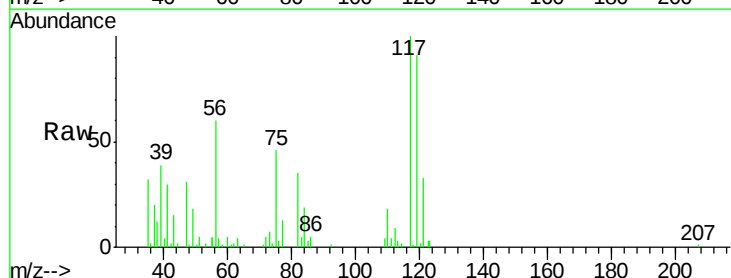
Manual Integrations
APPROVED

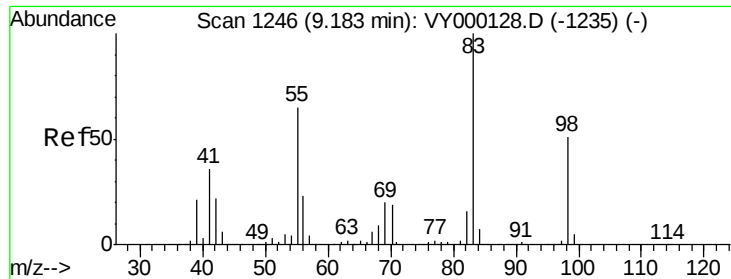
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#38
Carbon Tetrachloride
Concen: 10.262 ug/l
RT: 7.90 min Scan# 1035
Delta R.T. -0.01 min
Lab File: VY000126.D
Acq: 23 Sep 2019 11:24

Tgt Ion	Ratio	Lower	Upper
117	100		
119	91.4	72.6	108.8
121	32.6	24.3	36.5





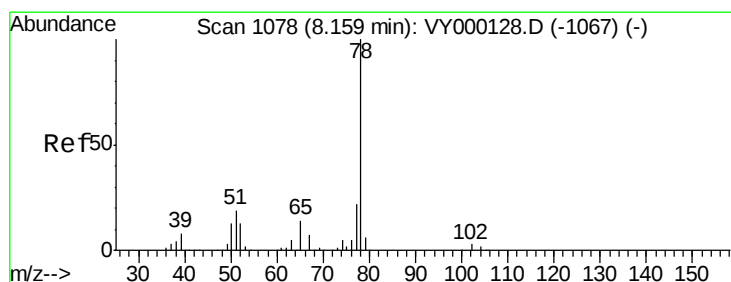
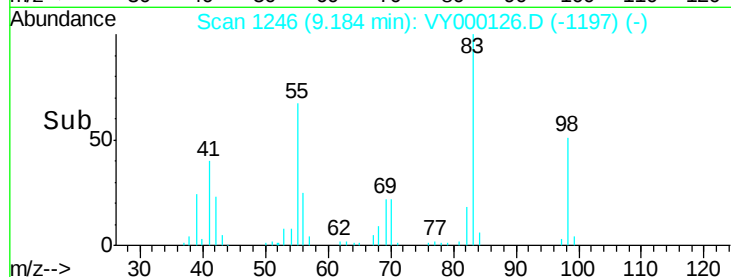
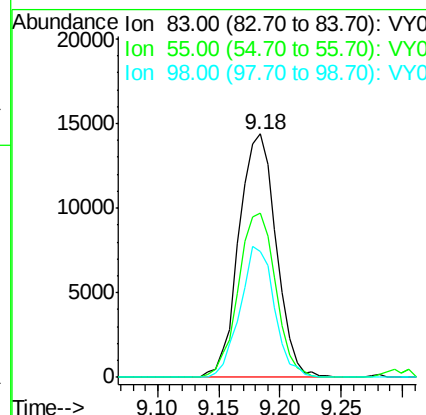
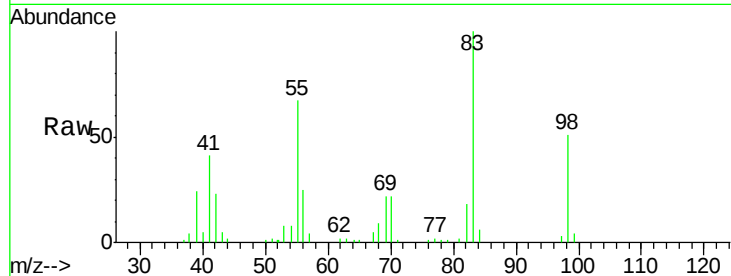
#39
Methvlcvclohexane
Concen: 10.765 ug/l
RT: 9.18 min Scan# 1246
Delta R.T. 0.00 min
Lab File: VY000126.D
Acq: 23 Sep 2019 11:24

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
83	100		
55	67.4	52.3	78.5
98	51.5	40.6	61.0

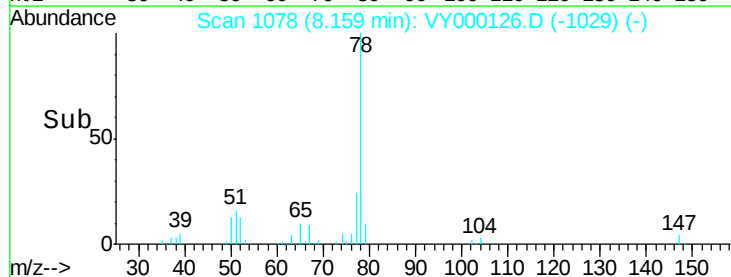
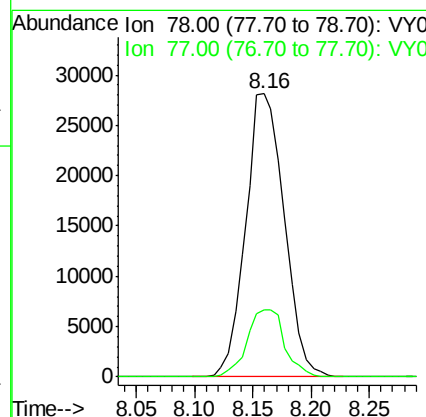
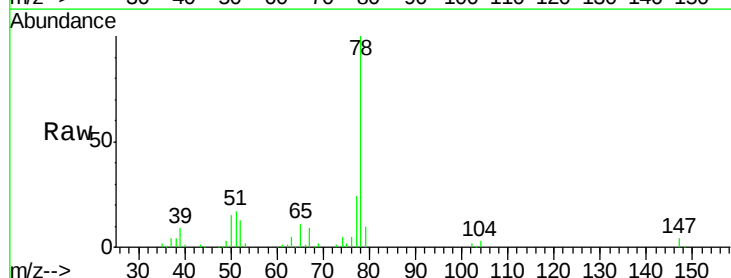
Manual Integrations
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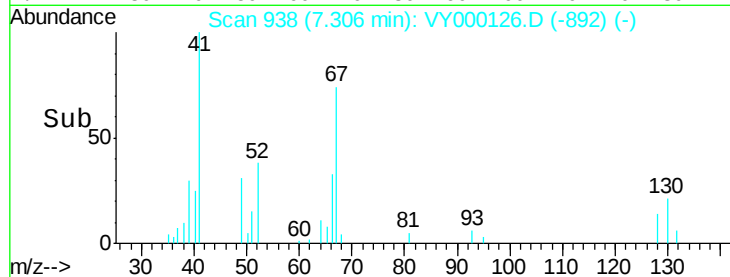
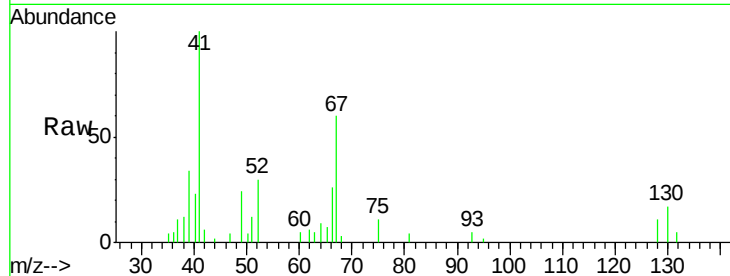
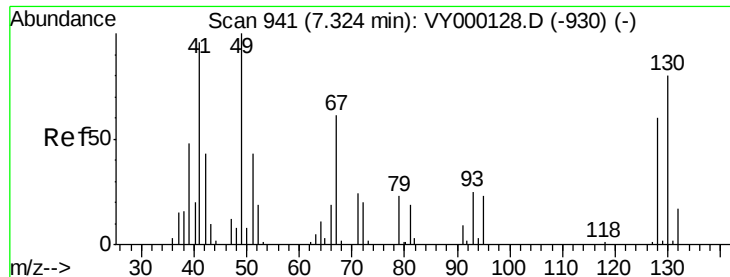
MMDadoda
9/25/2019 12:39:19 AM



#40
Benzene
Concen: 10.314 ug/l
RT: 8.16 min Scan# 1078
Delta R.T. 0.00 min
Lab File: VY000126.D
Acq: 23 Sep 2019 11:24

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.8	17.9	26.9





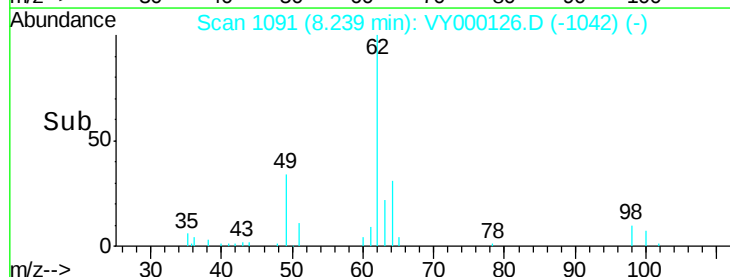
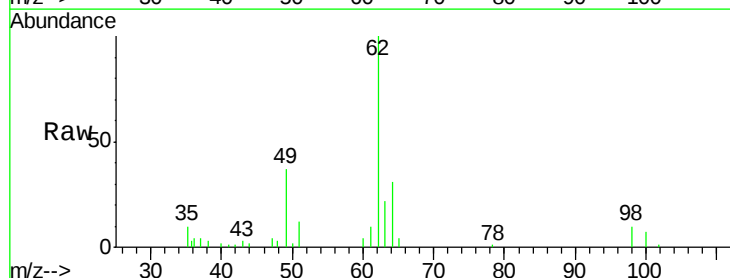
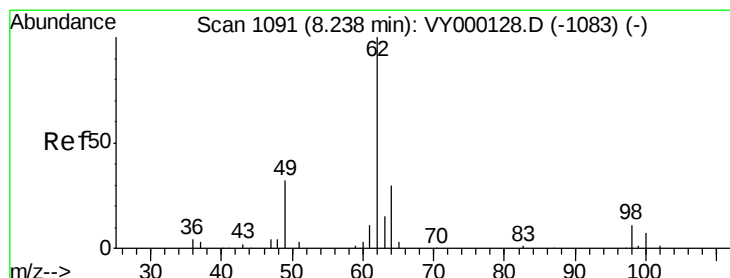
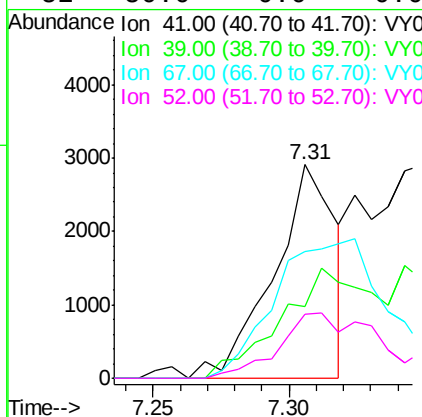
#41
Methacrylonitrile
Concen: 5.336 ug/l
RT: 7.31 min Scan# 938
Delta R.T. -0.02 min
Lab File: VY000126.D
Acq: 23 Sep 2019 11:24

Tot Ion:	41	Resp:	4577
Ion	Ratio	Lower	Upper
41	100		
39	78.4	53.4	80.0
67	116.1	0.0	0.0#
52	50.0	0.0	0.0#

Instrument :
MSVOA_Y
ClientSampled :
VSTDIC010

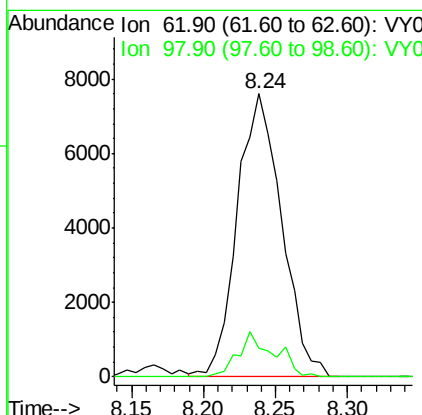
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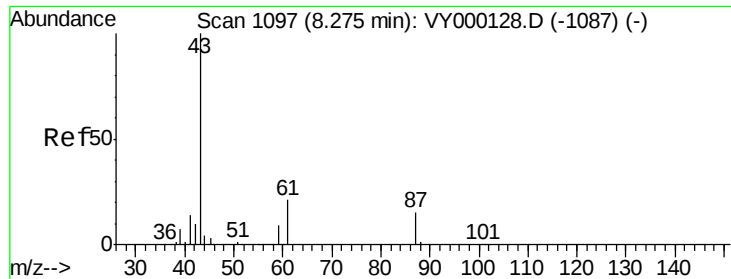
MMDadoda
9/25/2019 12:39:19 AM



#42
1,2-Dichloroethane
Concen: 10.120 ug/l
RT: 8.24 min Scan# 1091
Delta R.T. 0.00 min
Lab File: VY000126.D
Acq: 23 Sep 2019 11:24

Tgt Ion:	62	Resp:	16301
Ion	Ratio	Lower	Upper
62	100		
98	12.9	0.0	22.4





#43

Isopropyl Acetate

Concen: 9.924 ug/l

RT: 8.28 min Scan# 1098

Delta R.T. 0.01 min

Lab File: VY000126.D

Acq: 23 Sep 2019 11:24

Instrument :

MSVOA_Y

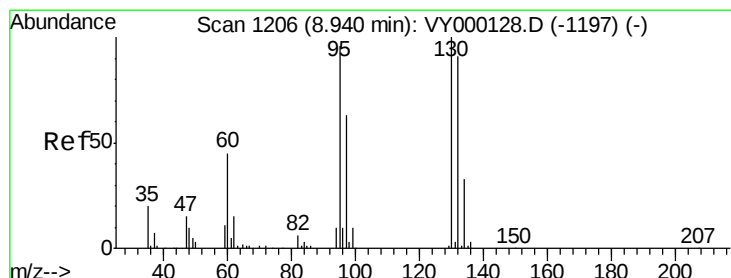
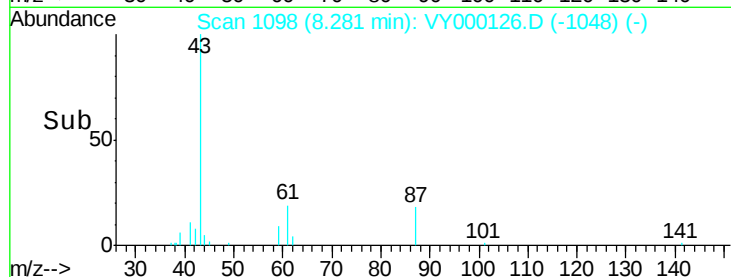
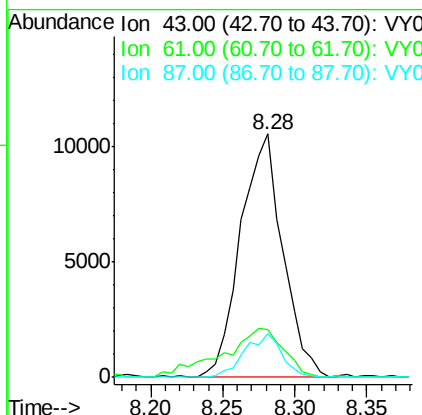
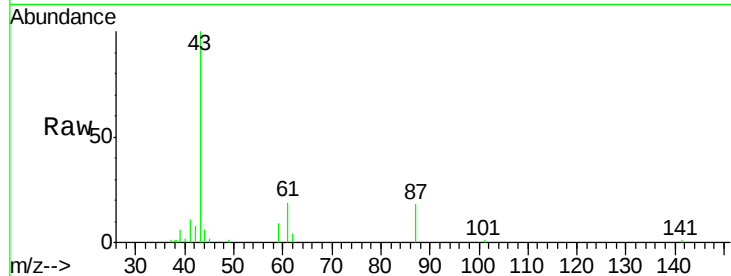
ClientSampleId :

VSTDIC010

Tot Ion:	43	Resp:	21454
Ion	Ratio	Lower	Upper
43	100		
61	29.1	24.6	37.0
87	15.8	12.5	18.7

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#44

Trichloroethene

Concen: 10.455 ug/l

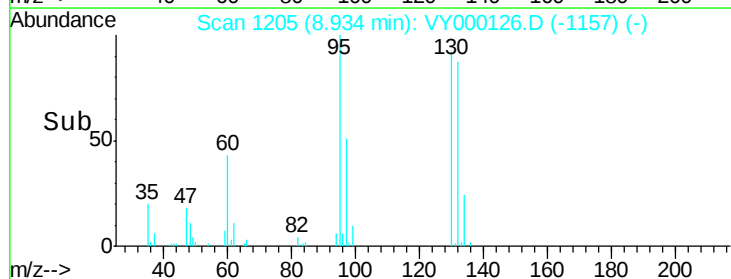
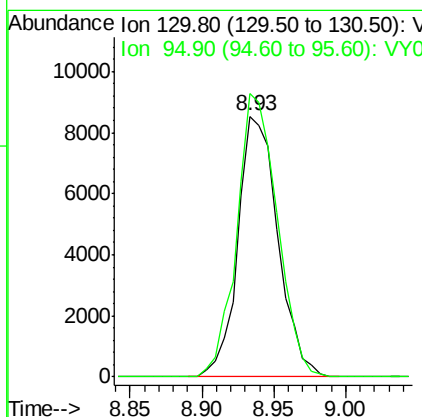
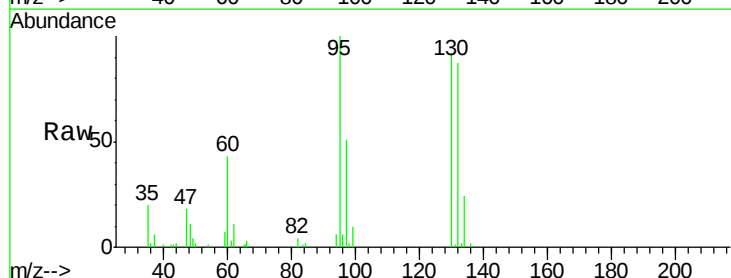
RT: 8.93 min Scan# 1205

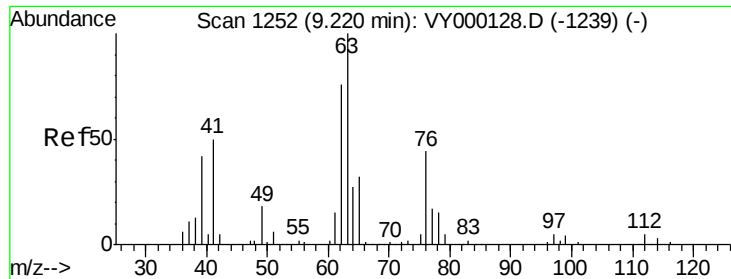
Delta R.T. -0.01 min

Lab File: VY000126.D

Acq: 23 Sep 2019 11:24

Tgt Ion:	130	Resp:	16397
Ion	Ratio	Lower	Upper
130	100		
95	108.7	0.0	192.0





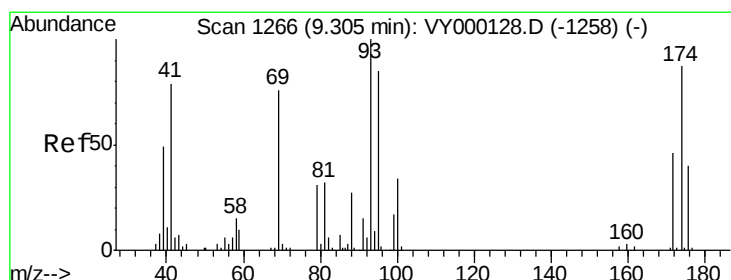
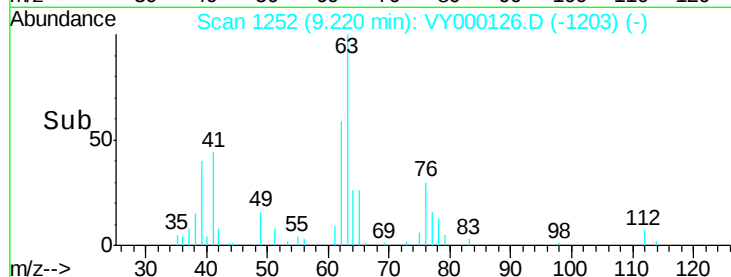
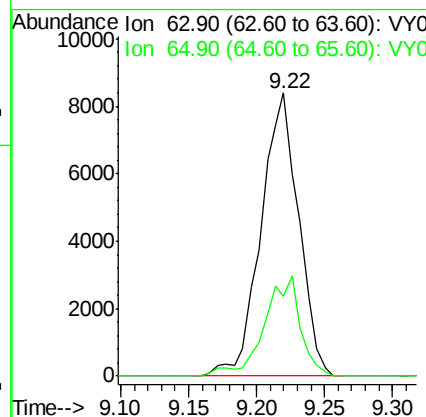
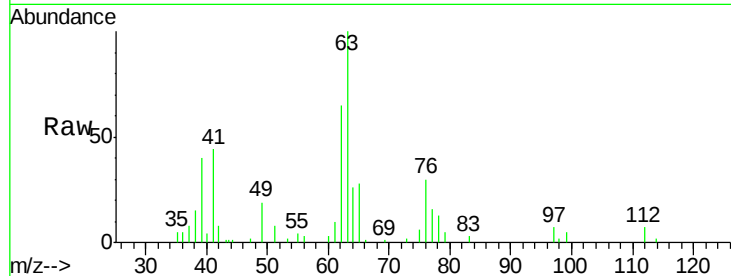
#45
 1,2-Dichloropropane
 Concen: 10.671 ug/l
 RT: 9.22 min Scan# 1252
 Delta R.T. 0.00 min
 Lab File: VY000126.D
 Acq: 23 Sep 2019 11:24

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

Tot Ion: 63 Resp: 16280
 Ion Ratio Lower Upper
 63 100
 65 28.3 25.4 38.2

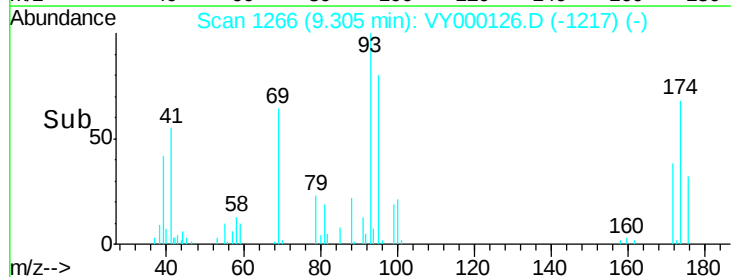
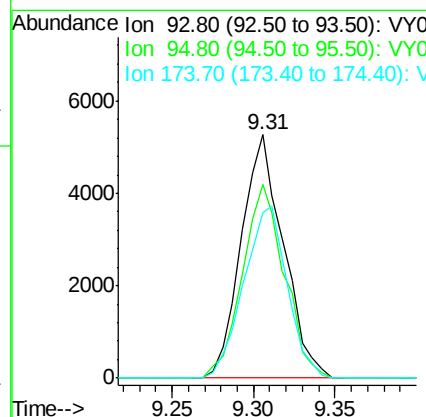
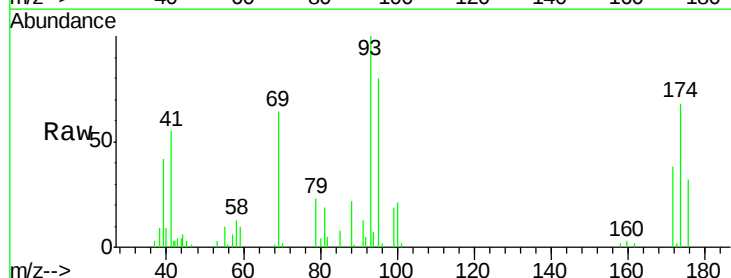
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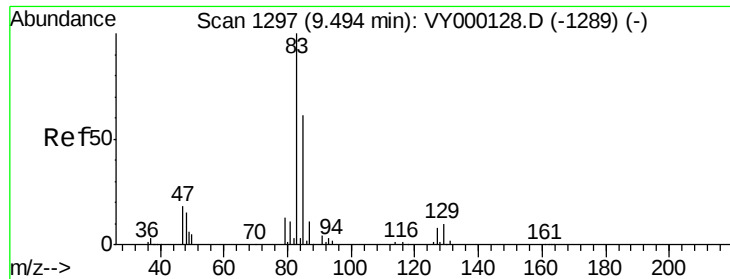
MMDadoda
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#46
 Dibromomethane
 Concen: 11.158 ug/l
 RT: 9.31 min Scan# 1266
 Delta R.T. 0.00 min
 Lab File: VY000126.D
 Acq: 23 Sep 2019 11:24

Tgt Ion: 93 Resp: 9467
 Ion Ratio Lower Upper
 93 100
 95 79.4 68.6 103.0
 174 72.9 69.4 104.0





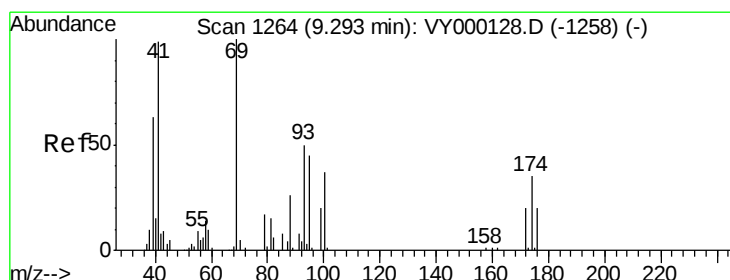
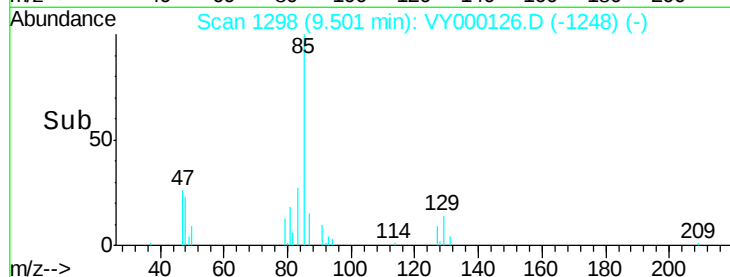
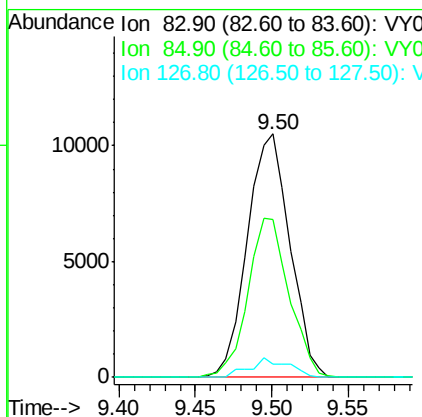
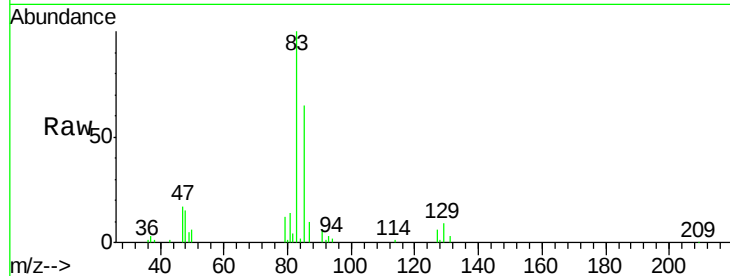
#47
Bromodichloromethane
Concen: 10.495 ug/l
RT: 9.50 min Scan# 1298
Delta R.T. 0.01 min
Lab File: VY000126.D
Acq: 23 Sep 2019 11:24

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Resp	Lower	Upper
83	100	20389		
85	64.9	48.6	73.0	
127	5.5	6.2	9.4#	

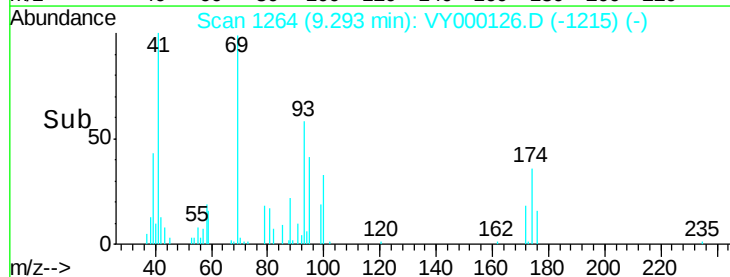
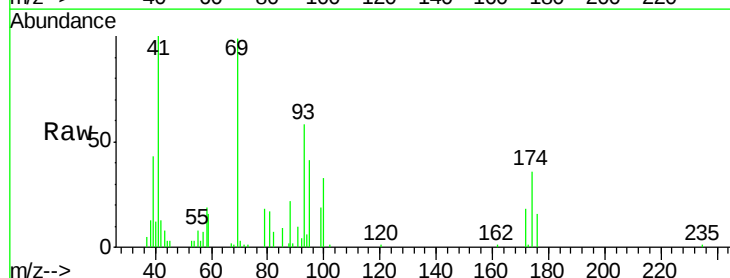
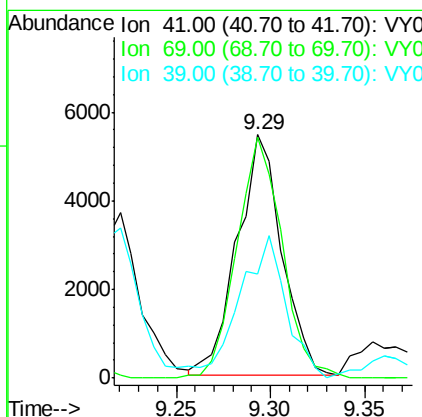
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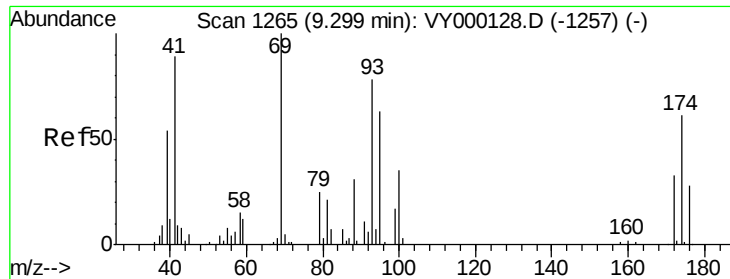
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#48
Methyl methacrylate
Concen: 9.611 ug/l
RT: 9.29 min Scan# 1264
Delta R.T. 0.00 min
Lab File: VY000126.D
Acq: 23 Sep 2019 11:24

Tgt Ion	Ratio	Resp	Lower	Upper
41	100	8879		
69	102.0	81.0	121.6	
39	60.6	53.2	79.8	





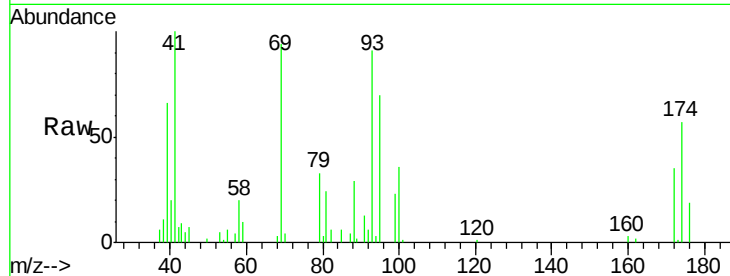
#49
1,4-Dioxane
Concen: 213.886 ug/l
RT: 9.30 min Scan# 1265
Delta R.T. 0.00 min
Lab File: VY000126.D
Acq: 23 Sep 2019 11:24

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tot Ion	88	Resp	2865
Ion	Ratio	Lower	Upper
88	100		
43	24.9	22.6	33.8
58	61.4	42.5	63.7

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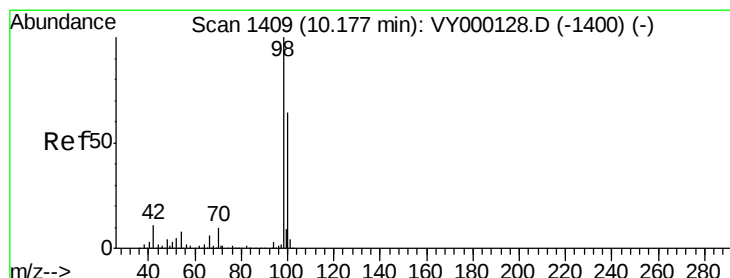
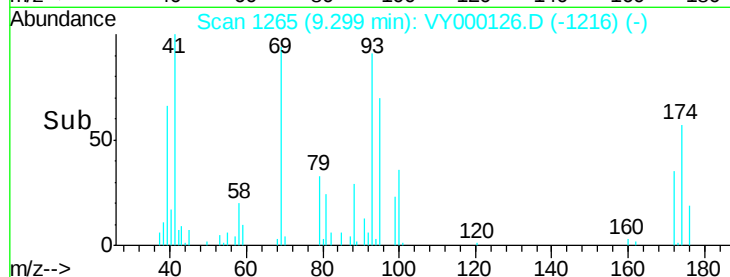
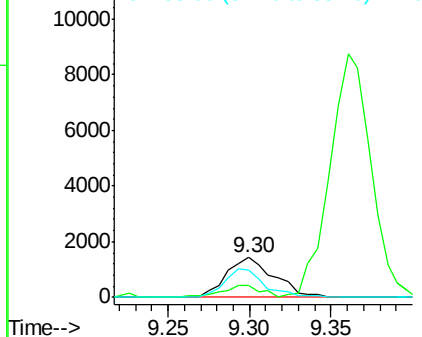


Abundance

Ion 88.00 (87.70 to 88.70): VY0

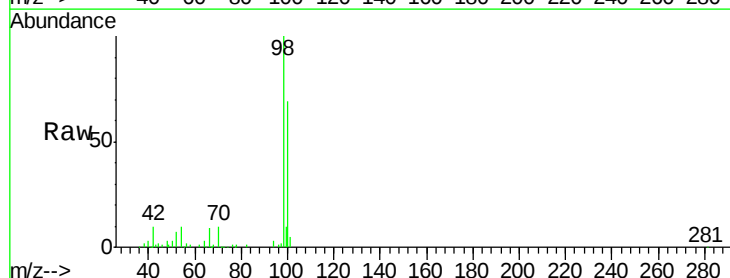
Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0



#50
Toluene-d8
Concen: 10.161 ug/l
RT: 10.18 min Scan# 1409
Delta R.T. 0.00 min
Lab File: VY000126.D
Acq: 23 Sep 2019 11:24

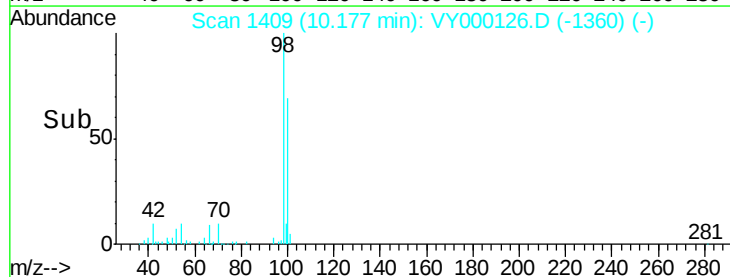
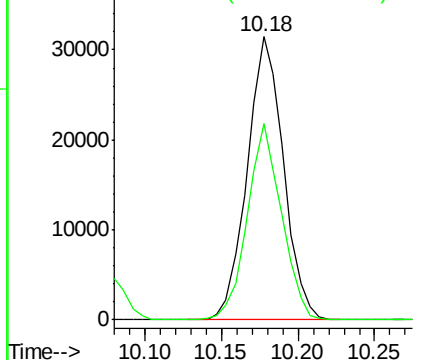
Tgt Ion	98	Resp	51915
Ion	Ratio	Lower	Upper
98	100		
100	65.0	52.7	79.1

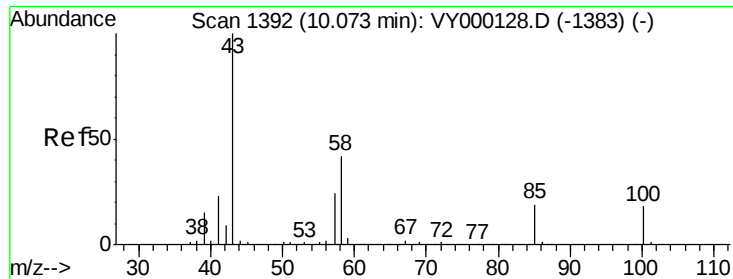


Abundance

Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY0





#51

4-Methyl-2-Pentanone

Concen: 49.377 ug/l

RT: 10.07 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VY000126.D

Acq: 23 Sep 2019 11:24

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

Tot Ion: 43 Resp: 54395

Ion Ratio Lower Upper

43 100

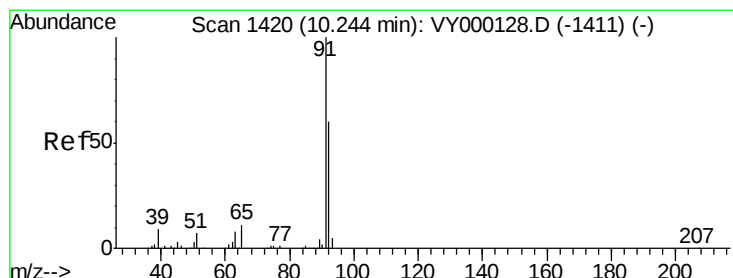
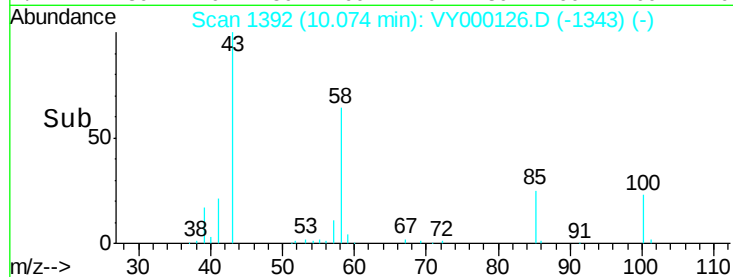
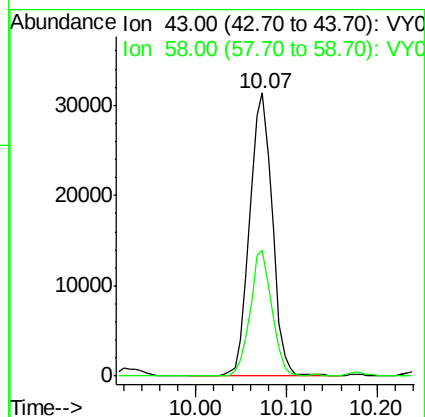
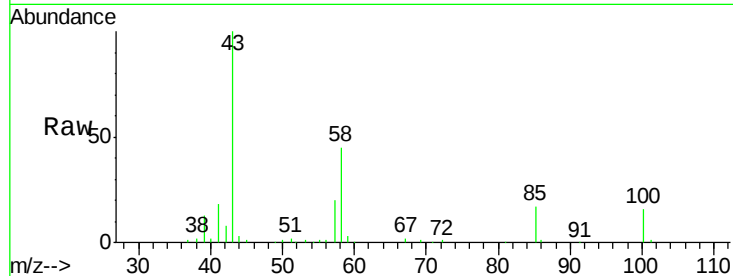
58 42.6 33.0 49.6

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#52

Toluene

Concen: 10.216 ug/l

RT: 10.24 min Scan# 1420

Delta R.T. 0.00 min

Lab File: VY000126.D

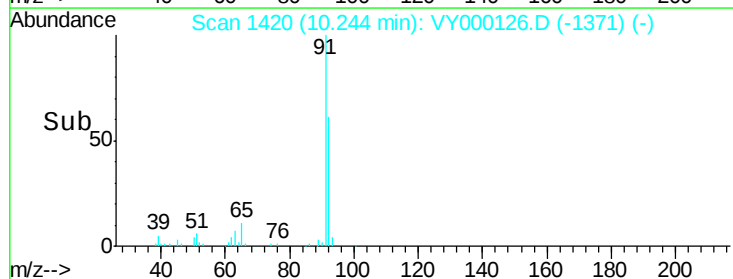
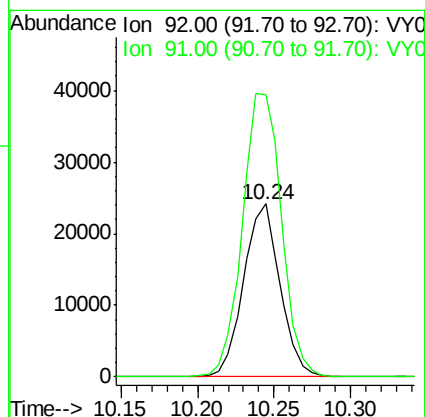
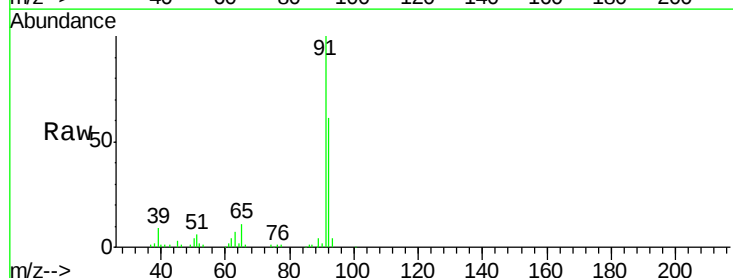
Acq: 23 Sep 2019 11:24

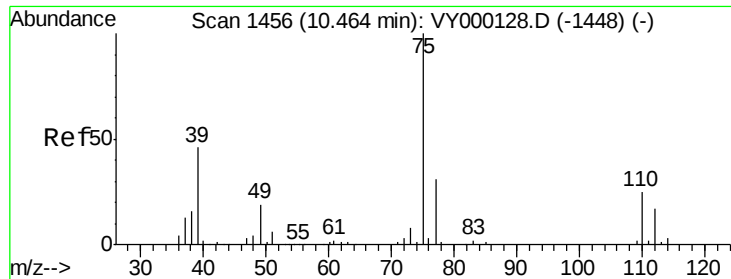
Tgt Ion: 92 Resp: 39874

Ion Ratio Lower Upper

92 100

91 176.1 135.7 203.5





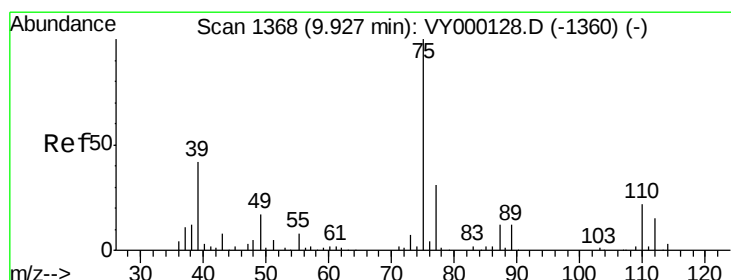
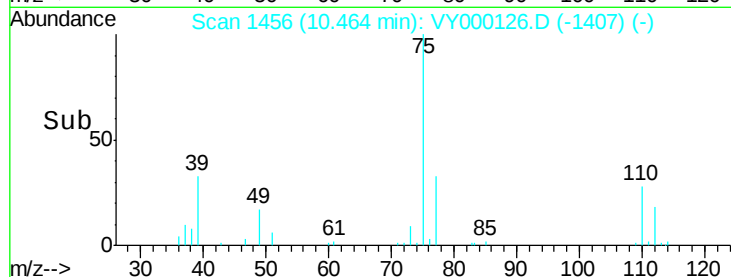
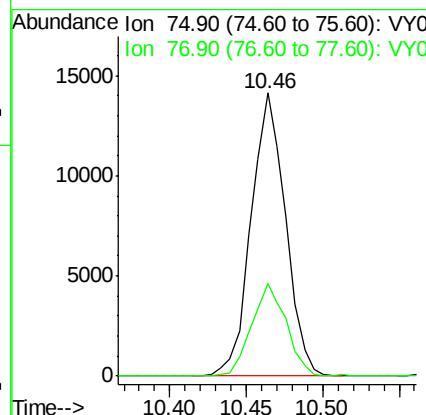
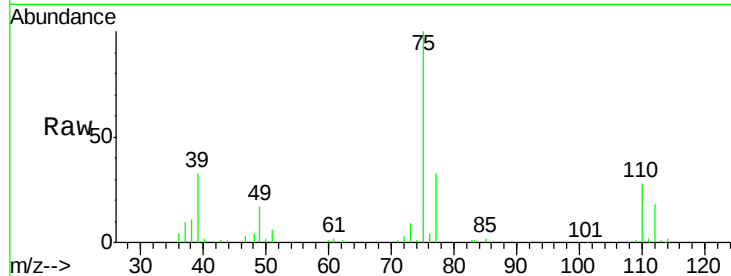
#53
 t-1,3-Dichloropropene
 Concen: 10.422 ug/l
 RT: 10.46 min Scan# 1456
 Delta R.T. 0.00 min
 Lab File: VY000126.D
 Acq: 23 Sep 2019 11:24

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

Tot Ion: 75 Resp: 22078
 Ion Ratio Lower Upper
 75 100
 77 32.5 24.9 37.3

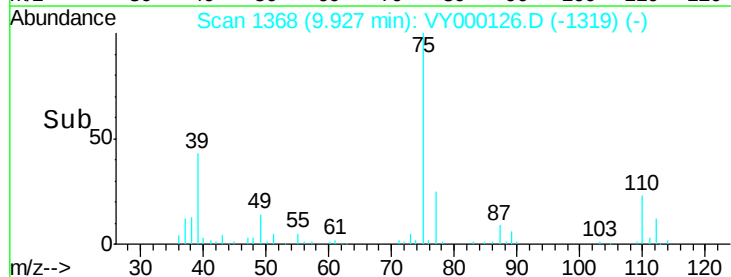
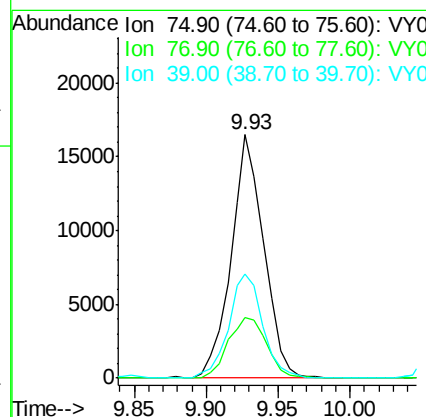
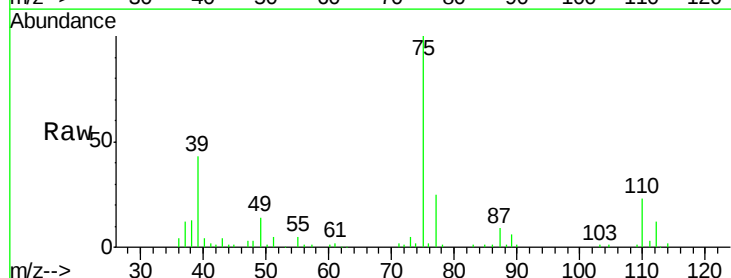
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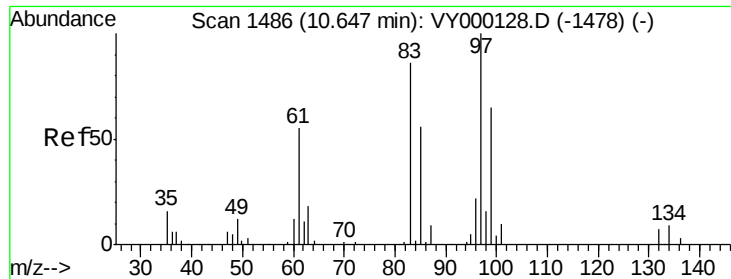
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#54
 cis-1,3-Dichloropropene
 Concen: 10.636 ug/l
 RT: 9.93 min Scan# 1368
 Delta R.T. 0.00 min
 Lab File: VY000126.D
 Acq: 23 Sep 2019 11:24

Tgt Ion: 75 Resp: 26123
 Ion Ratio Lower Upper
 75 100
 77 24.5 24.6 37.0#
 39 42.6 33.8 50.6





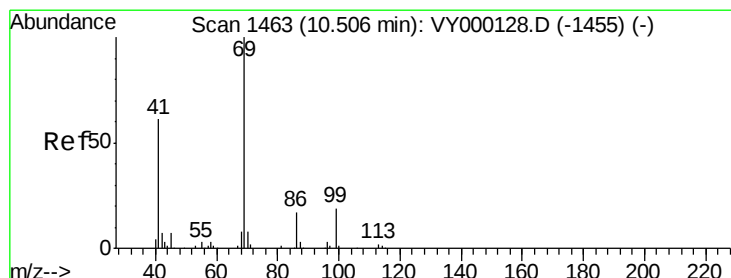
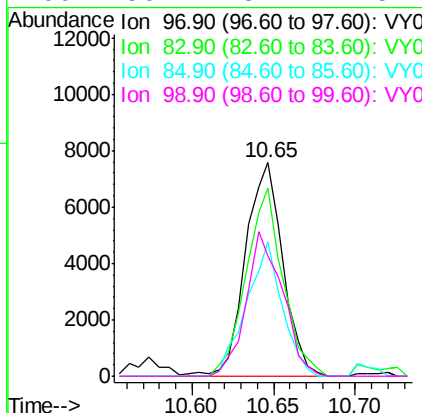
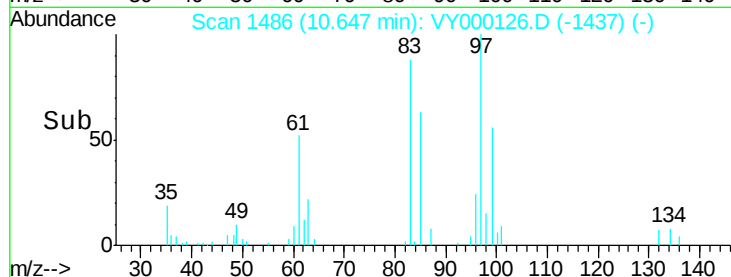
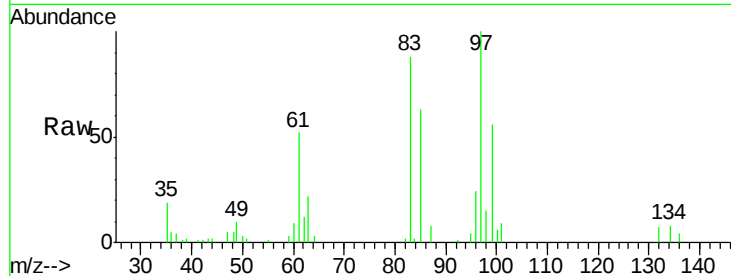
#55
 1,1,2-Trichloroethane
 Concen: 9.925 ug/l
 RT: 10.65 min Scan# 1486
 Delta R.T. 0.00 min
 Lab File: VY000126.D
 Acq: 23 Sep 2019 11:24

Instrument :
 MSVOA_Y
 ClientSampled :
 VSTDIC010

Tot Ion:	97	Resp:	12059
Ion	Ratio	Lower	Upper
97	100		
83	88.3	68.8	103.2
85	63.2	44.9	67.3
99	56.4	52.1	78.1

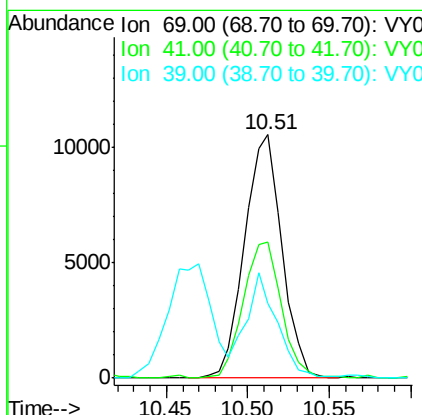
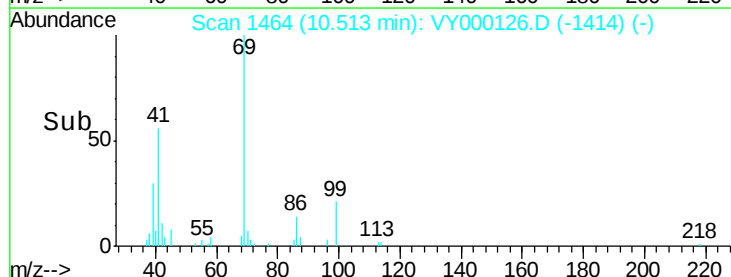
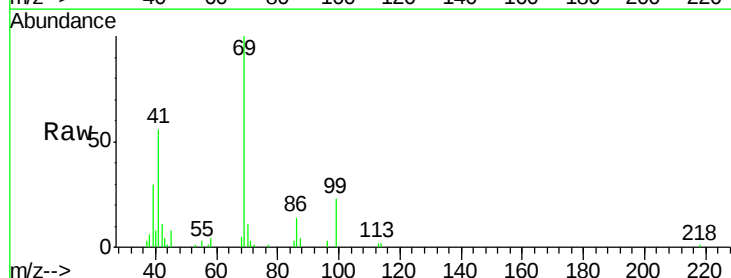
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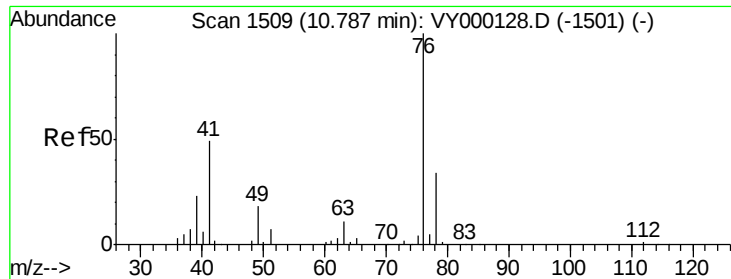
MMDadoda
 9/25/2019 12:39:19 AM



#56
 Ethyl methacrylate
 Concen: 9.795 ug/l
 RT: 10.51 min Scan# 1464
 Delta R.T. 0.01 min
 Lab File: VY000126.D
 Acq: 23 Sep 2019 11:24

Tgt Ion:	69	Resp:	16765
Ion	Ratio	Lower	Upper
69	100		
41	57.5	47.9	71.9
39	35.2	27.4	41.0





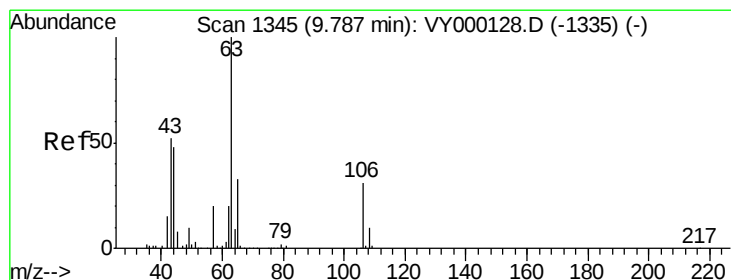
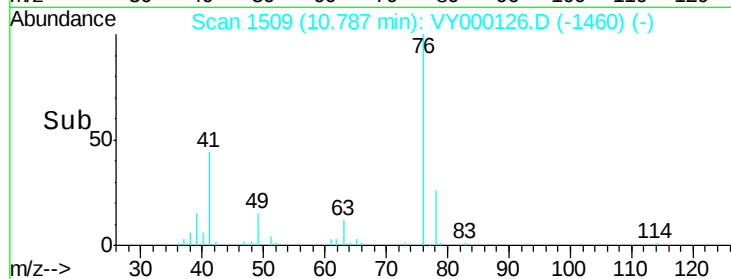
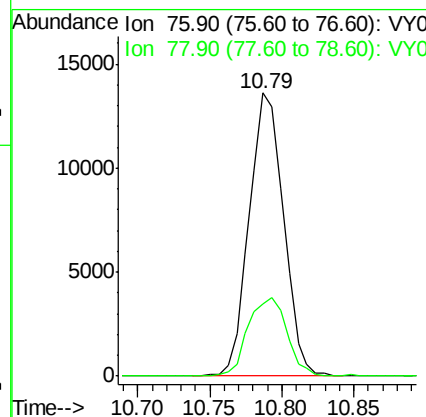
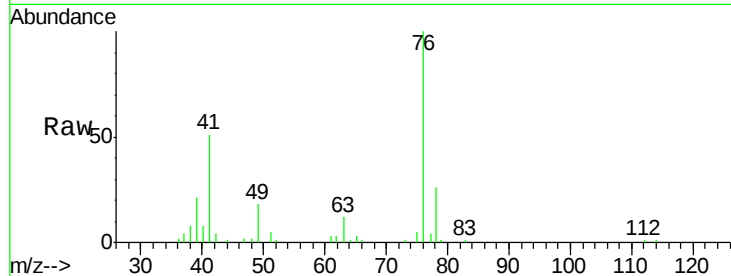
#57
 1,3-Dichloropropane
 Concen: 10.635 ug/l
 RT: 10.79 min Scan# 1509
 Delta R.T. 0.00 min
 Lab File: VY000126.D
 Acq: 23 Sep 2019 11:24

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

Tot Ion	Ratio	Lower	Upper
76	100		
78	31.3	26.5	39.7

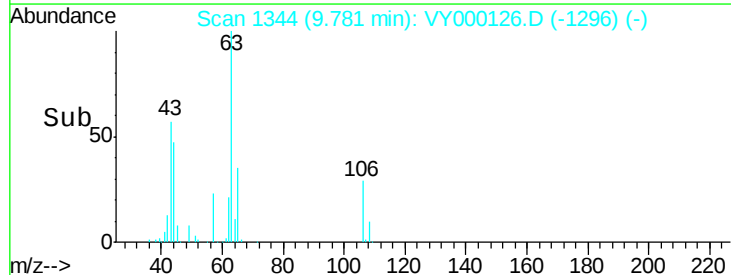
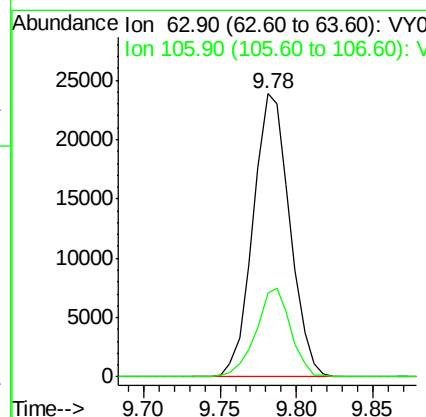
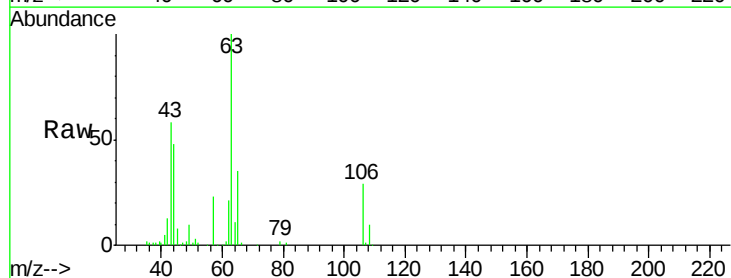
Manual Integrations
 APPROVED

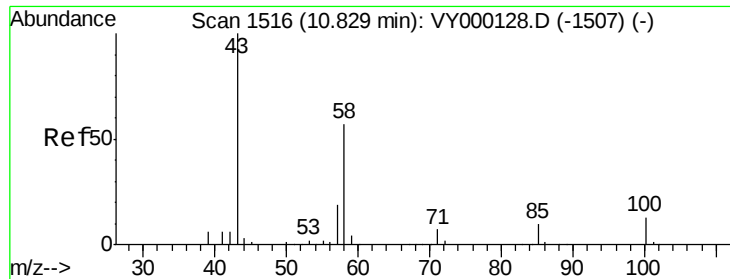
MMDadoda
 9/25/2019 12:39:19 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 47.165 ug/l
 RT: 9.78 min Scan# 1344
 Delta R.T. -0.01 min
 Lab File: VY000126.D
 Acq: 23 Sep 2019 11:24

Tgt Ion	Ratio	Lower	Upper
63	100		
106	29.8	23.2	34.8





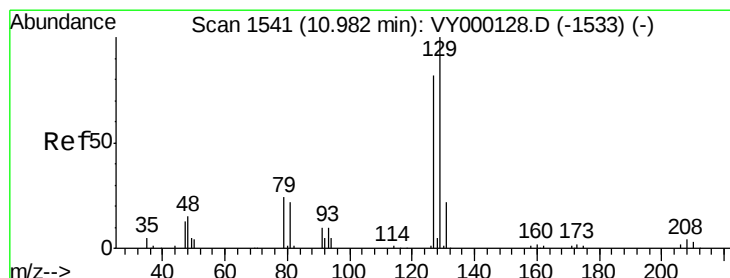
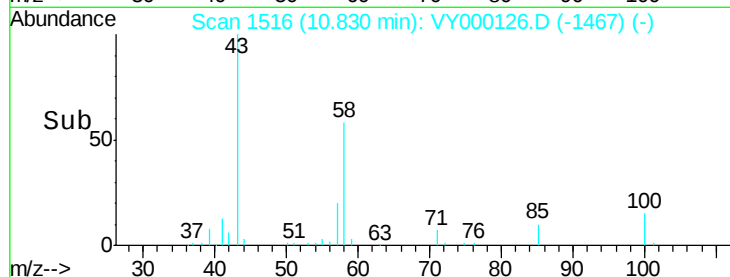
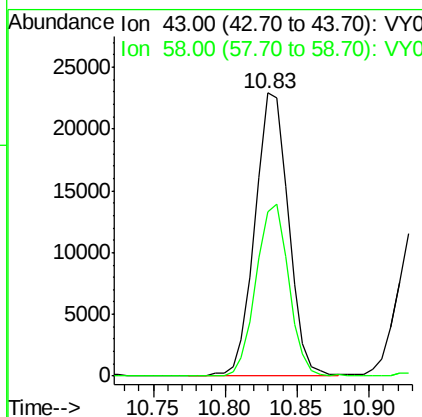
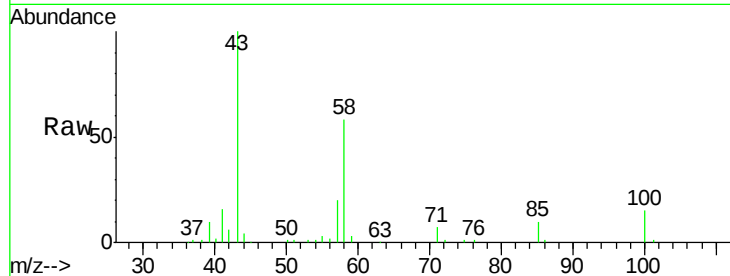
#59
2-Hexanone
Concen: 47.688 ug/l
RT: 10.83 min Scan# 1516
Delta R.T. 0.00 min
Lab File: VY000126.D
Acq: 23 Sep 2019 11:24

Instrument :
MSVOA_Y
ClientSampled :
VSTDIC010

Tot Ion	43	58	Ratio	Lower	Upper
36798	100	58.8		29.1	87.3

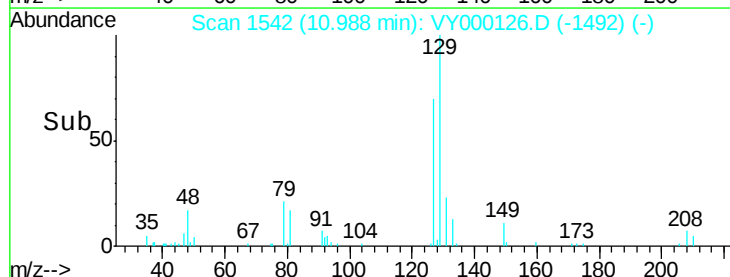
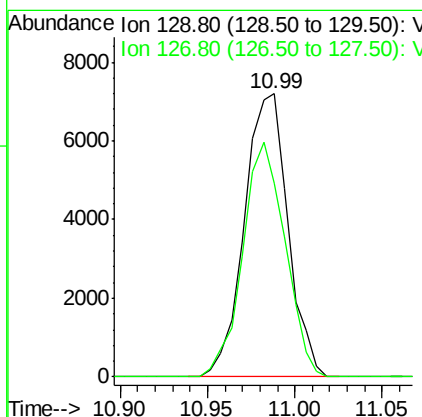
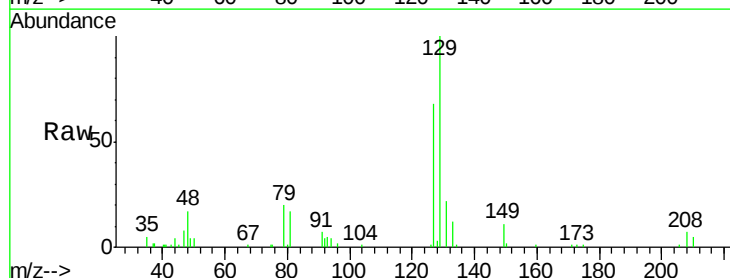
Manual Integrations
APPROVED

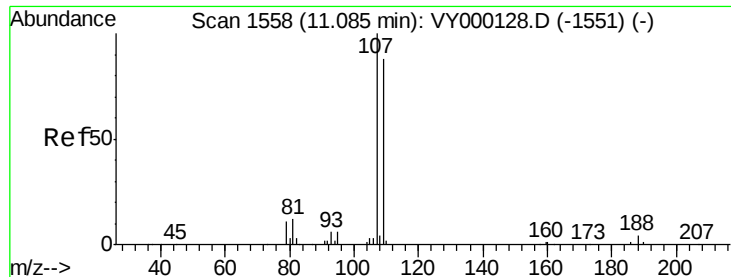
MMDadoda
9/25/2019 12:39:19 AM



#60
Dibromochloromethane
Concen: 9.816 ug/l
RT: 10.99 min Scan# 1542
Delta R.T. 0.01 min
Lab File: VY000126.D
Acq: 23 Sep 2019 11:24

Tgt Ion	129	127	Ratio	Lower	Upper
12465	100	80.8		37.5	112.3





#61

1,2-Dibromoethane

Concen: 9.782 ug/l

RT: 11.09 min Scan# 1558

Delta R.T. 0.00 min

Lab File: VY000126.D

Acq: 23 Sep 2019 11:24

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

Tot Ion: 107 Resp: 11170

Ion Ratio Lower Upper

107 100

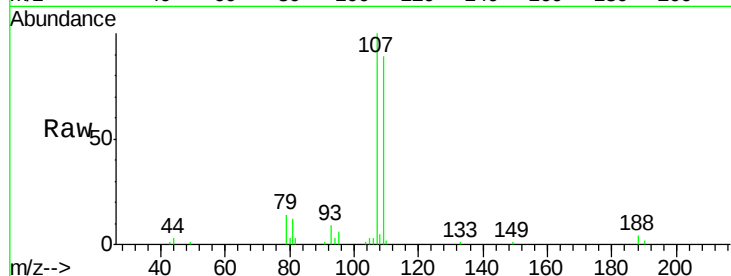
109 96.8 74.0 111.0

Manual Integrations

APPROVED

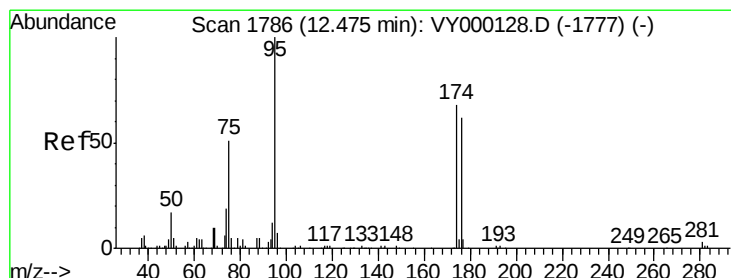
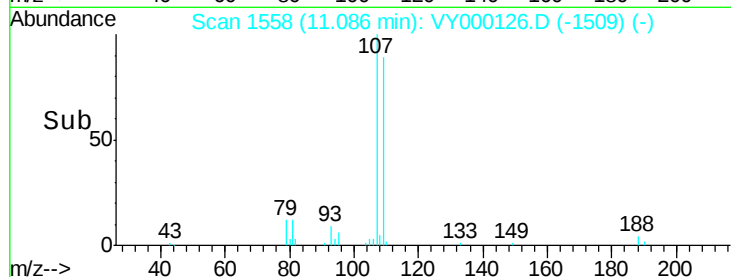
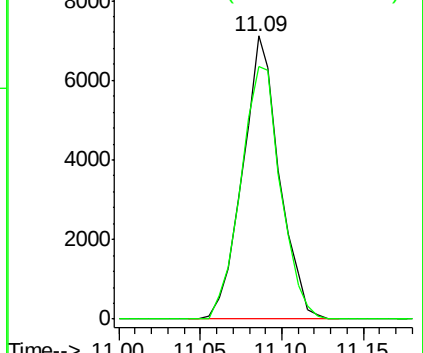
MMDadoda

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 11.473 ug/l

RT: 12.48 min Scan# 1786

Delta R.T. 0.00 min

Lab File: VY000126.D

Acq: 23 Sep 2019 11:24

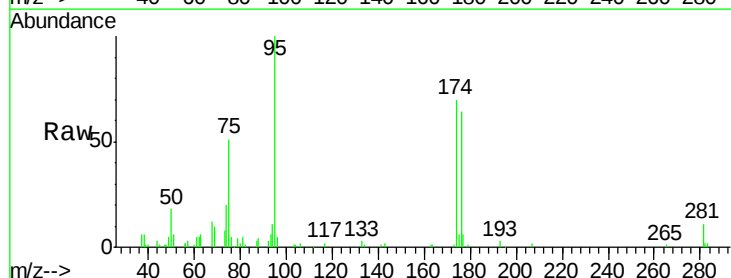
Tgt Ion: 95 Resp: 21559

Ion Ratio Lower Upper

95 100

174 67.5 0.0 140.8

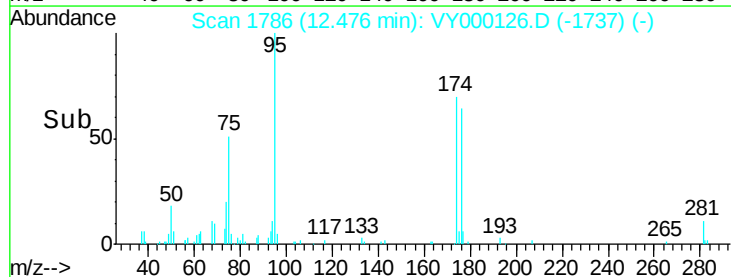
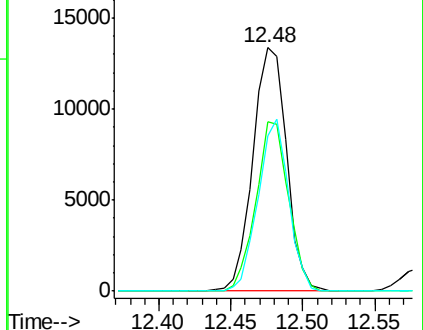
176 63.9 0.0 135.0

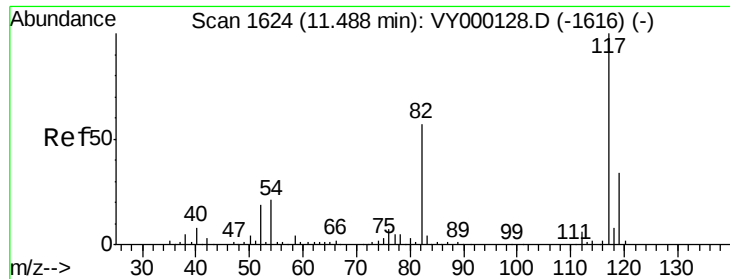


Abundance Ion 94.90 (94.60 to 95.60): VY0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





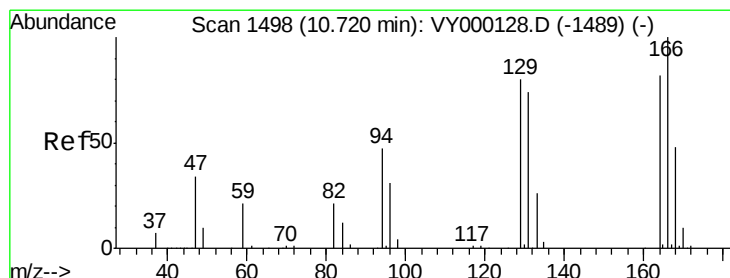
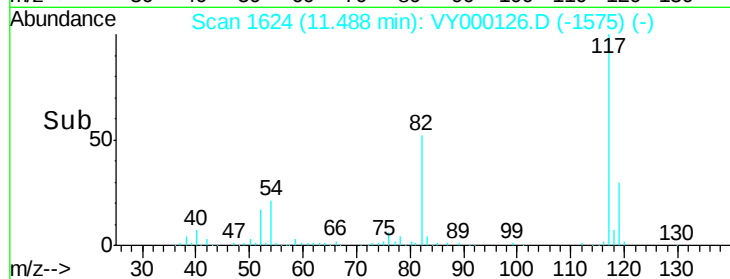
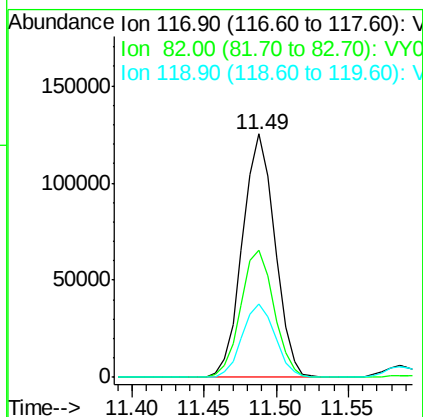
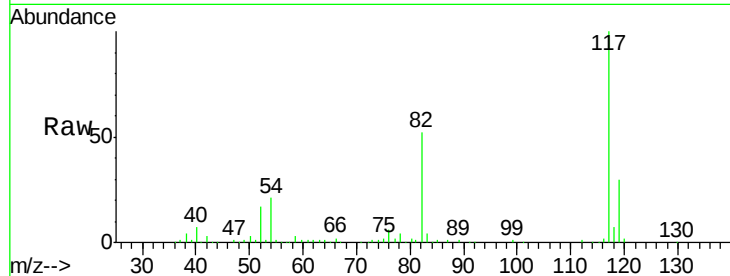
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1624
Delta R.T. 0.00 min
Lab File: VY000126.D
Acq: 23 Sep 2019 11:24

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
117	100		
82	52.3	45.5	68.3
119	30.0	27.3	40.9

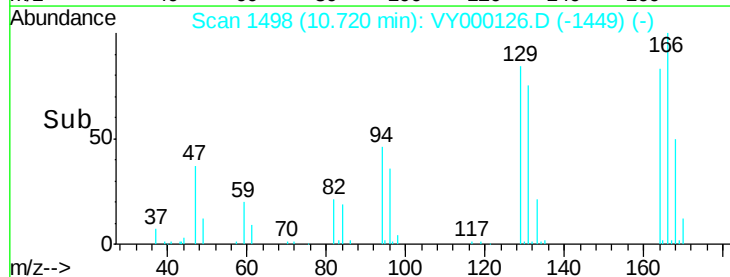
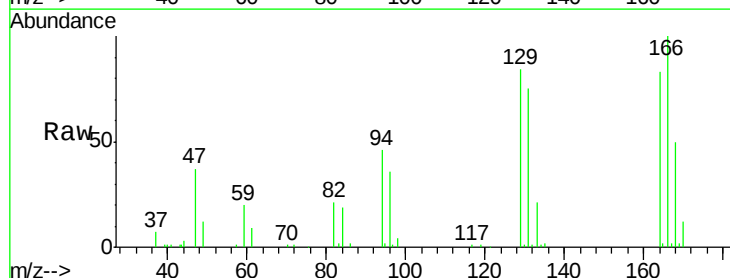
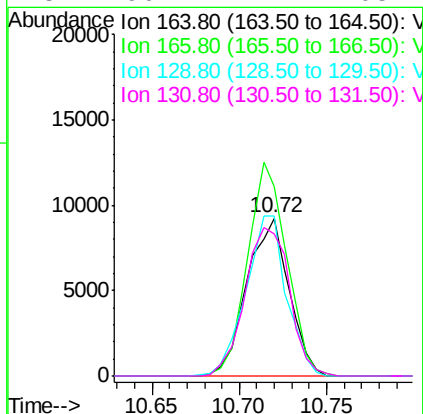
Manual Integrations
APPROVED

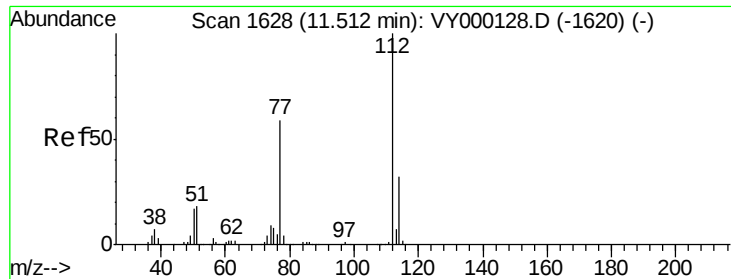
MMDadoda
9/25/2019 12:39:19 AM



#64
Tetrachloroethene
Concen: 10.358 ug/l
RT: 10.72 min Scan# 1498
Delta R.T. 0.00 min
Lab File: VY000126.D
Acq: 23 Sep 2019 11:24

Tgt Ion	Ratio	Lower	Upper
164	100		
166	120.3	97.0	145.6
129	101.4	77.6	116.4
131	90.2	72.1	108.1





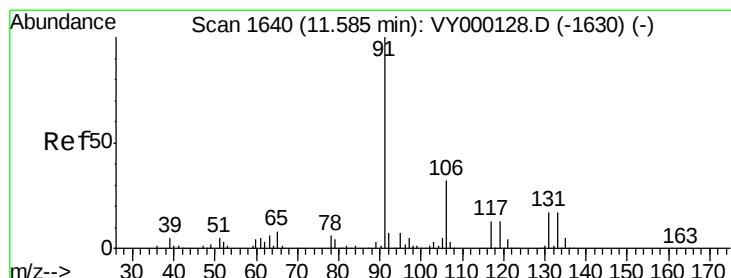
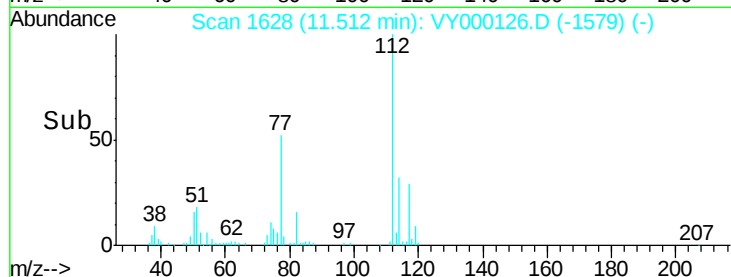
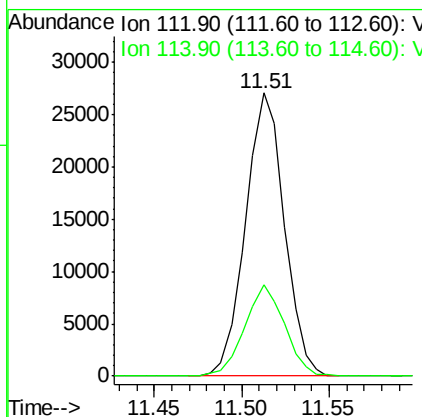
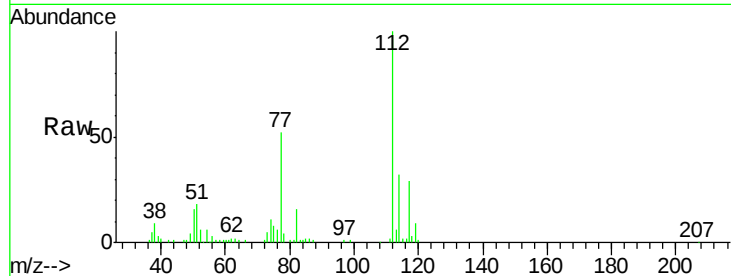
#65
Chlorobenzene
Concen: 10.492 ug/l
RT: 11.51 min Scan# 1628
Delta R.T. 0.00 min
Lab File: VY000126.D
Acq: 23 Sep 2019 11:24

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tot Ion:112 Resp: 41740
Ion Ratio Lower Upper
112 100
114 31.8 25.6 38.4

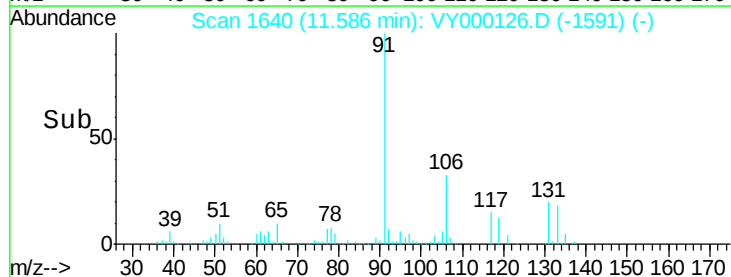
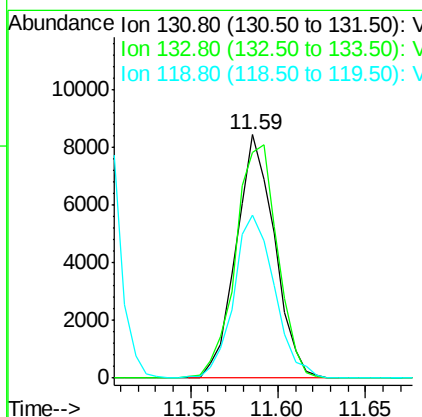
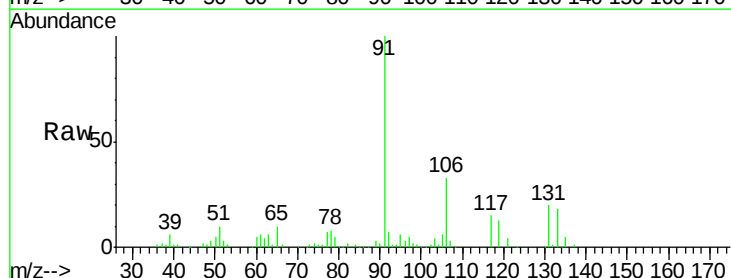
Manual Integrations
APPROVED

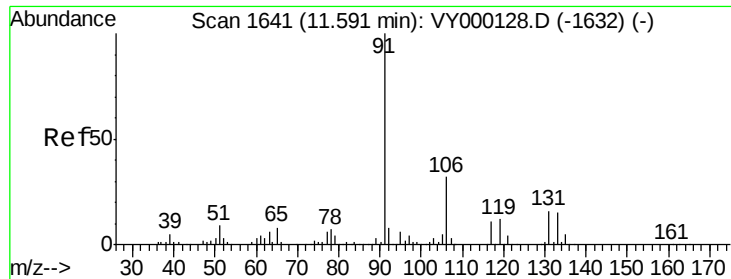
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 10.110 ug/l
RT: 11.59 min Scan# 1640
Delta R.T. 0.00 min
Lab File: VY000126.D
Acq: 23 Sep 2019 11:24

Tgt Ion:131 Resp: 12924
Ion Ratio Lower Upper
131 100
133 104.7 47.5 142.5
119 71.0 35.4 106.2





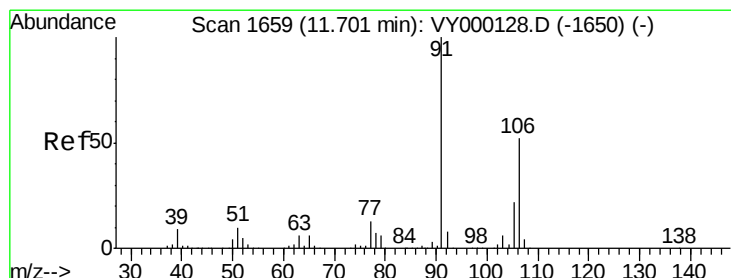
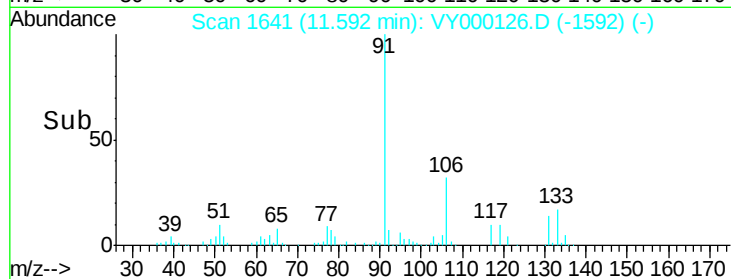
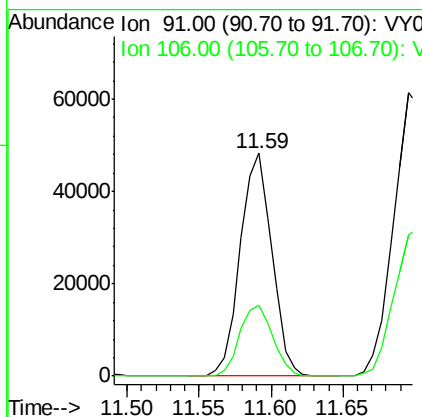
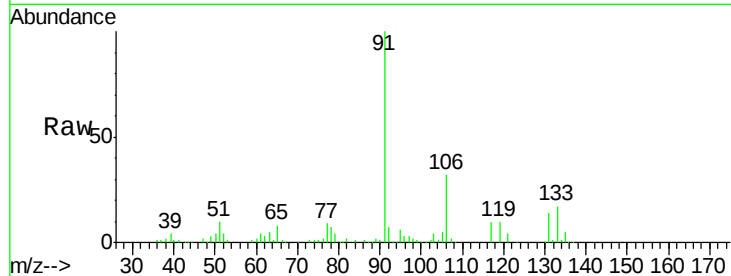
#67
Ethyl Benzene
Concen: 10.192 ug/l
RT: 11.59 min Scan# 1641
Delta R.T. 0.00 min
Lab File: VY000126.D
Acq: 23 Sep 2019 11:24

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tot Ion: 91 Resp: 73703
Ion Ratio Lower Upper
91 100
106 32.1 25.6 38.4

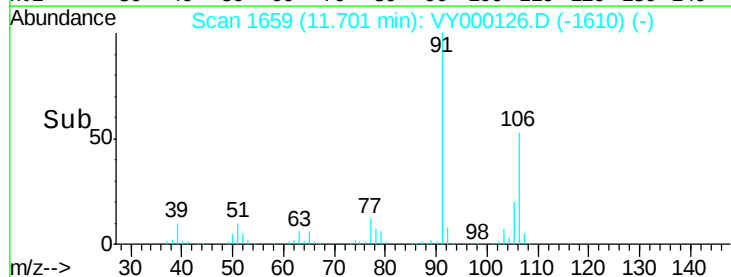
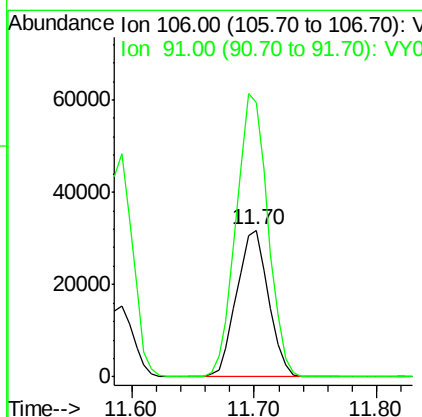
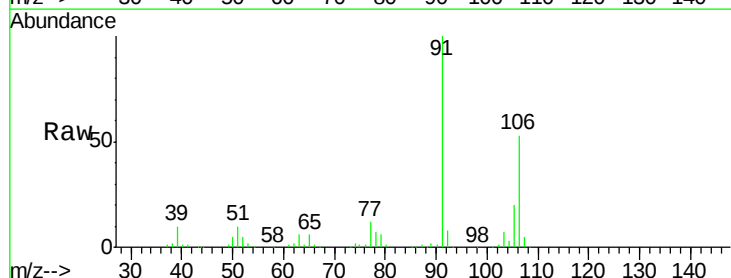
Manual Integrations
APPROVED

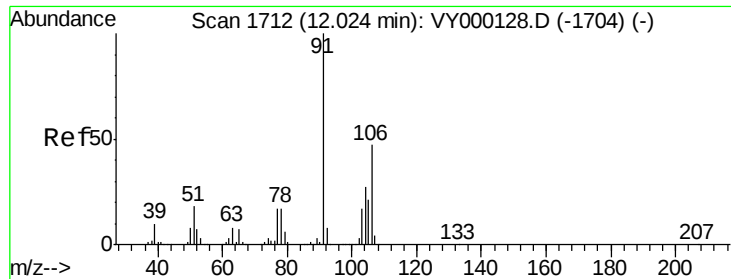
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#68
m/p-Xylenes
Concen: 20.483 ug/l
RT: 11.70 min Scan# 1659
Delta R.T. 0.00 min
Lab File: VY000126.D
Acq: 23 Sep 2019 11:24

Tgt Ion: 106 Resp: 57121
Ion Ratio Lower Upper
106 100
91 193.2 154.6 232.0





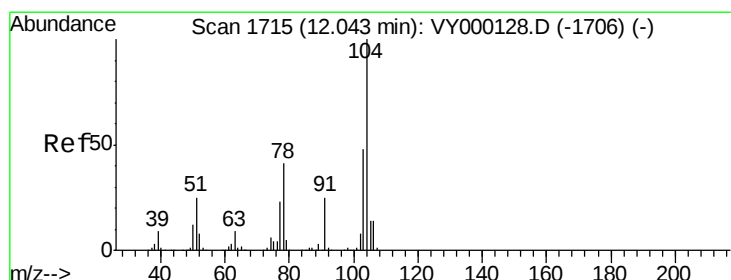
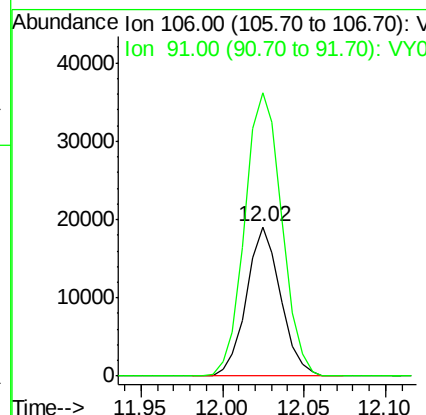
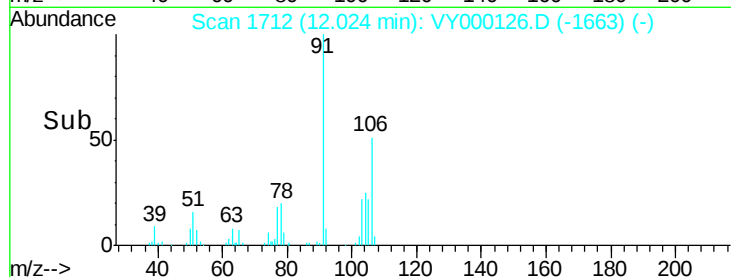
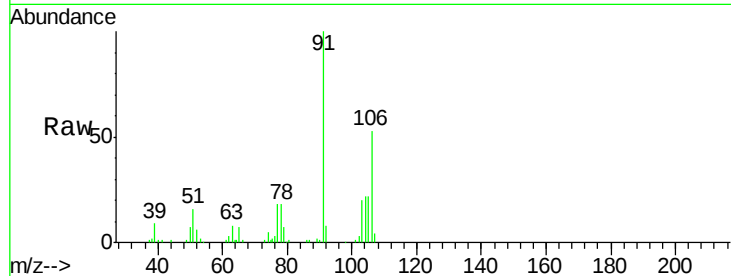
#69
o-Xylene
Concen: 10.476 ug/l
RT: 12.02 min Scan# 1712
Delta R.T. 0.00 min
Lab File: VY000126.D
Acq: 23 Sep 2019 11:24

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tot Ion:106 Resp: 27927
Ion Ratio Lower Upper
106 100
91 204.1 102.1 306.1

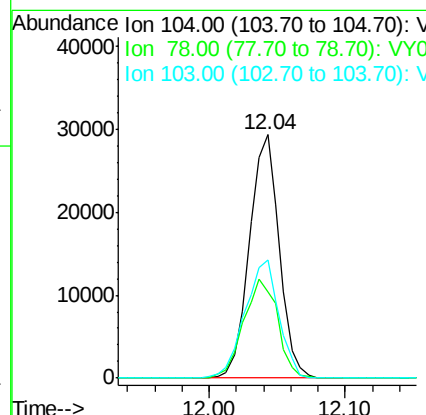
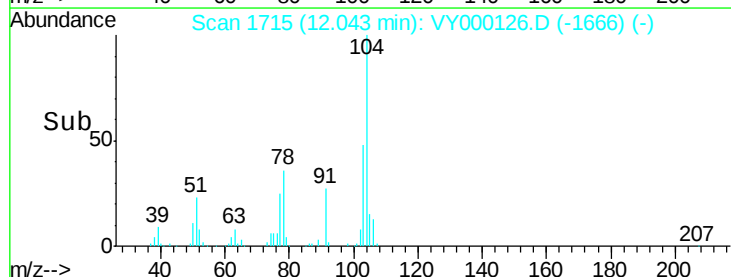
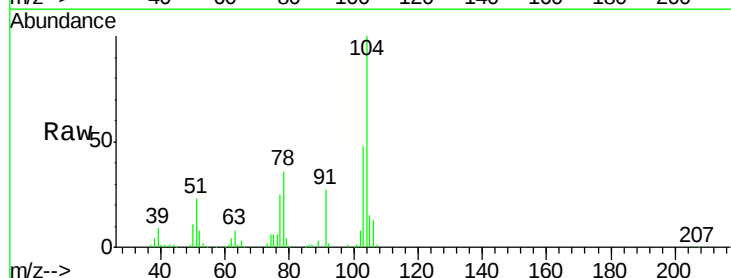
Manual Integrations
APPROVED

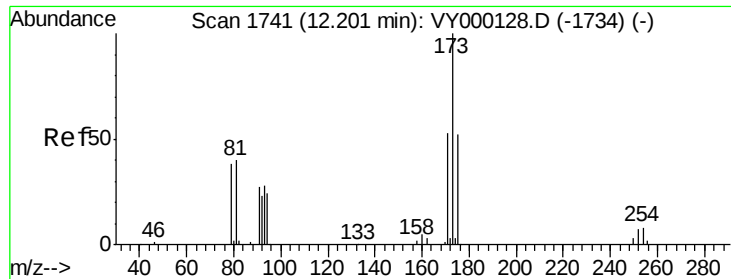
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#70
Styrene
Concen: 9.999 ug/l
RT: 12.04 min Scan# 1715
Delta R.T. 0.00 min
Lab File: VY000126.D
Acq: 23 Sep 2019 11:24

Tgt Ion:104 Resp: 45039
Ion Ratio Lower Upper
104 100
78 46.5 37.3 55.9
103 55.0 42.2 63.2





#71

Bromoform

Concen: 9.737 ug/l

RT: 12.20 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VY000126.D

Acq: 23 Sep 2019 11:24

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

Tot Ion:173 Resp: 7028

Ion Ratio Lower Upper

173 100

175 45.3 23.9 71.8

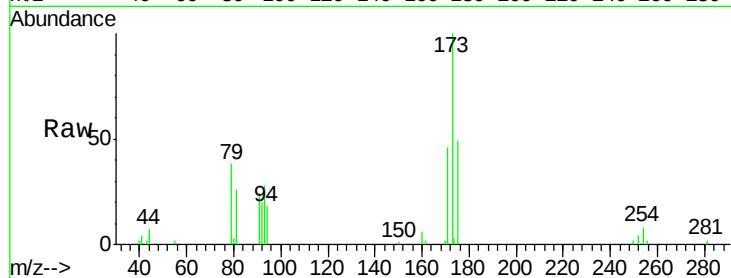
254 0.0 0.0 0.0

Manual Integrations

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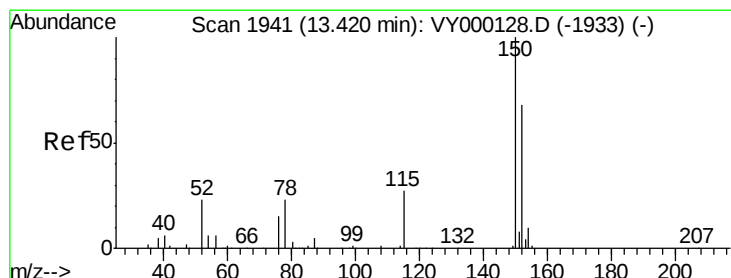
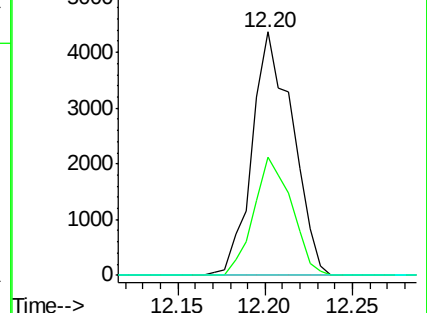
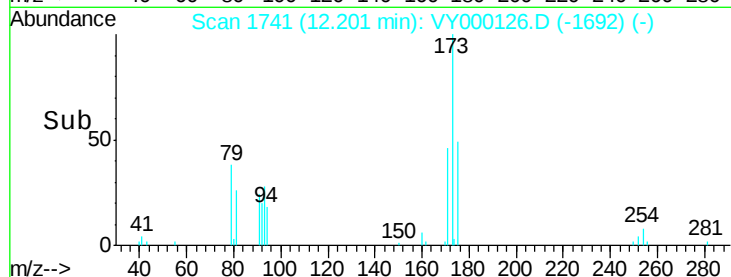
9/25/2019 12:39:19 AM



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.42 min Scan# 1941

Delta R.T. 0.00 min

Lab File: VY000126.D

Acq: 23 Sep 2019 11:24

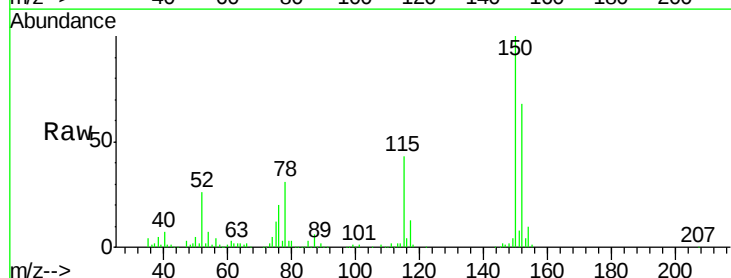
Tgt Ion:152 Resp: 83902

Ion Ratio Lower Upper

152 100

115 63.1 30.8 92.3

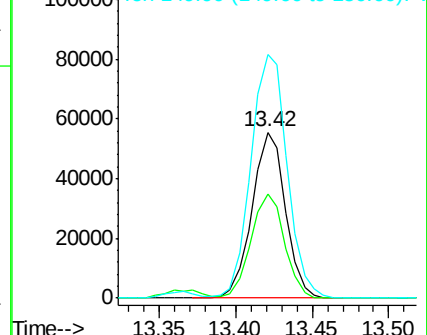
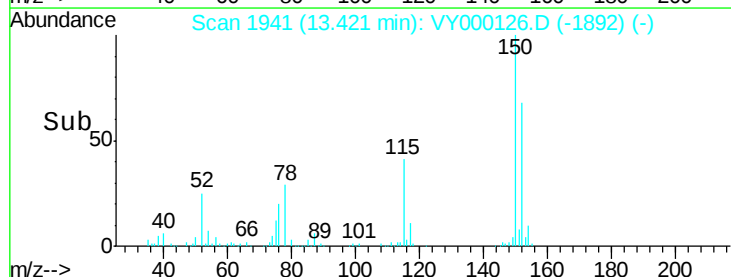
150 160.2 0.0 354.6

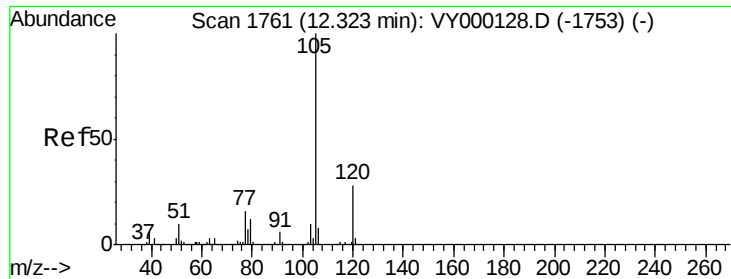


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 10.592 ug/l

RT: 12.32 min Scan# 1761

Delta R.T. 0.00 min

Lab File: VY000126.D

Acq: 23 Sep 2019 11:24

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

Tot Ion: 105 Resp: 70756

Ion Ratio Lower Upper

105 100

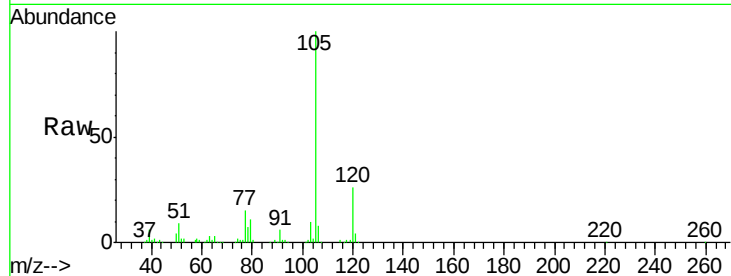
120 28.2 13.8 41.3

Manual Integrations

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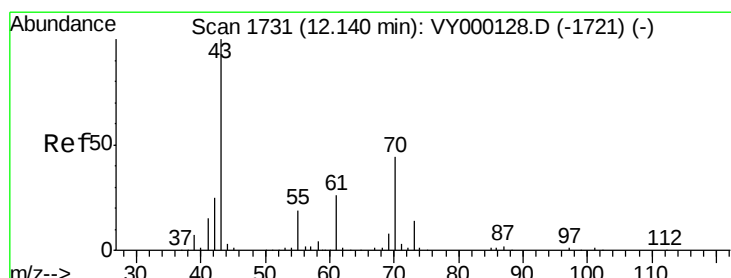
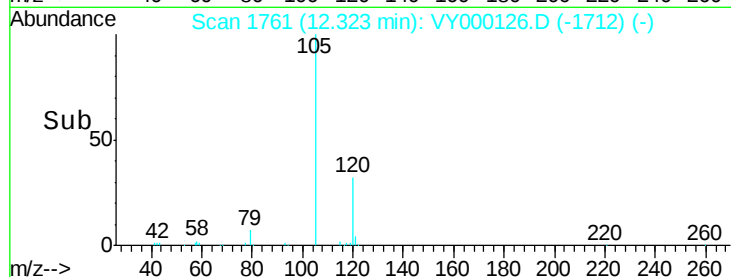
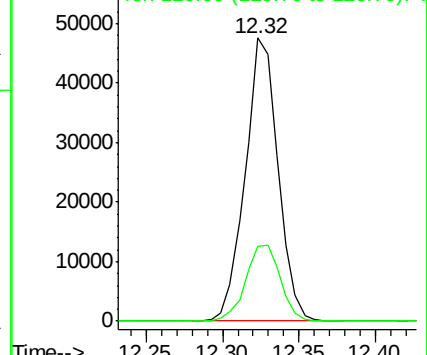
MMDadoda

9/25/2019 12:39:19 AM



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 9.268 ug/l

RT: 12.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VY000126.D

Acq: 23 Sep 2019 11:24

Tgt Ion: 43 Resp: 17256

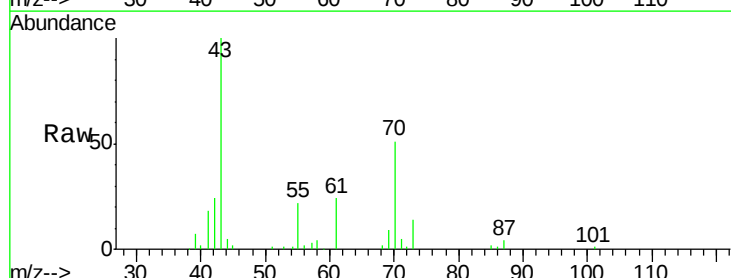
Ion Ratio Lower Upper

43 100

70 50.0 35.7 53.5

55 24.3 17.2 25.8

61 27.7 19.8 29.8

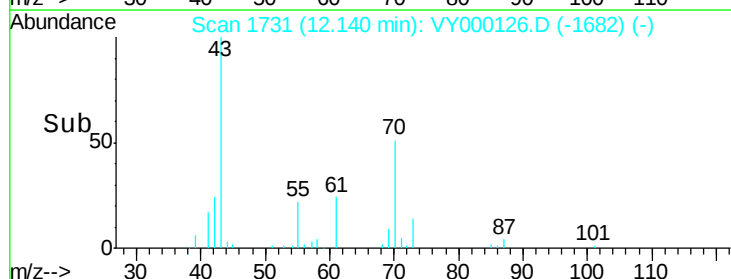
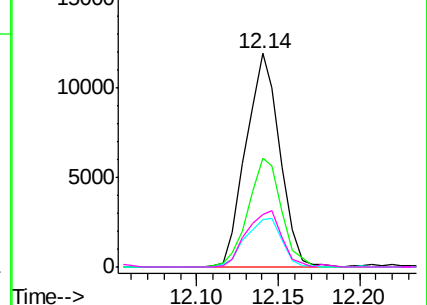


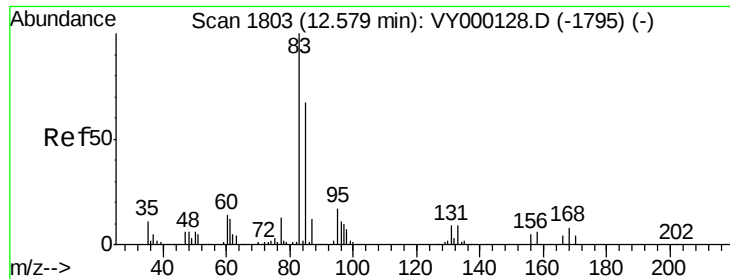
Abundance Ion 43.00 (42.70 to 43.70): VY0

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





#75

1,1,2,2-Tetrachloroethane

Concen: 9.946 ug/l

RT: 12.58 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VY000126.D

Acq: 23 Sep 2019 11:24

Instrument :

MSVOA_Y

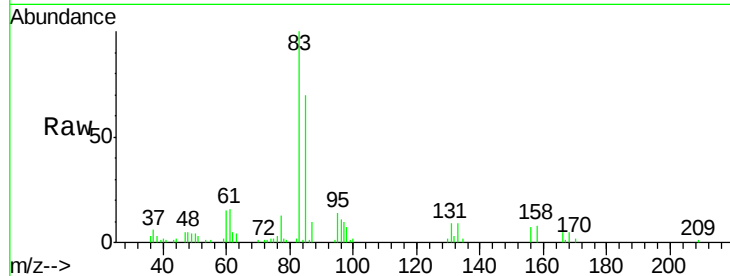
ClientSampleId :

VSTDIC010

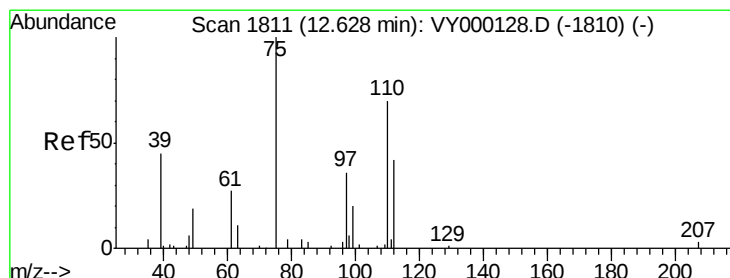
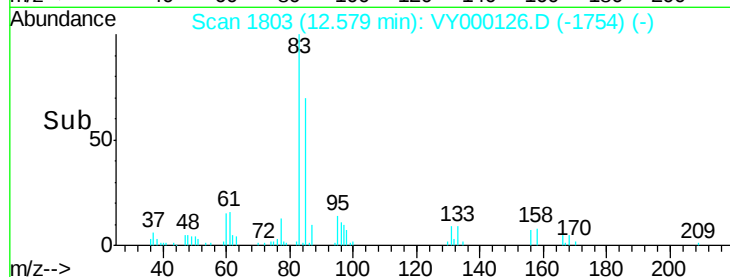
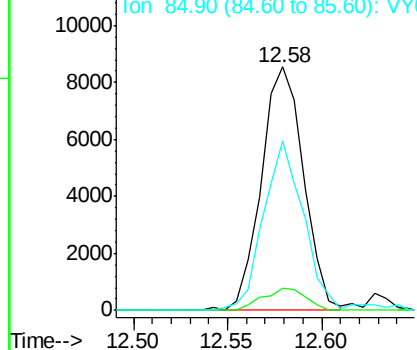
Tot Ion:	83	Resp:	13266
Ion Ratio	Lower	Upper	
83	100		
131	9.2	4.9	14.6
85	66.1	32.0	96.0

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Abundance Ion 82.90 (82.60 to 83.60): VY0
Ion 130.80 (130.50 to 131.50): VY0
Ion 84.90 (84.60 to 85.60): VY0



#76

1,2,3-Trichloropropane

Concen: 6.127 ug/l m

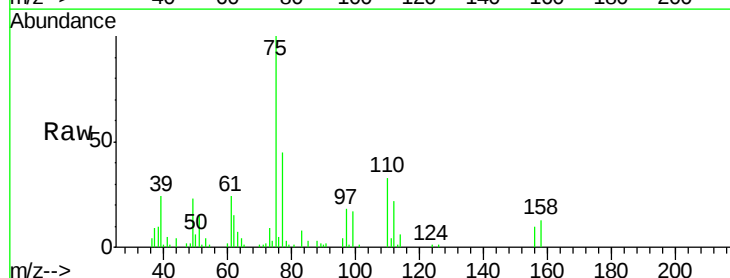
RT: 12.63 min Scan# 1811

Delta R.T. 0.00 min

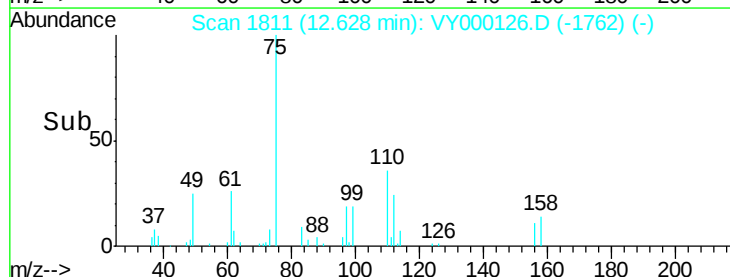
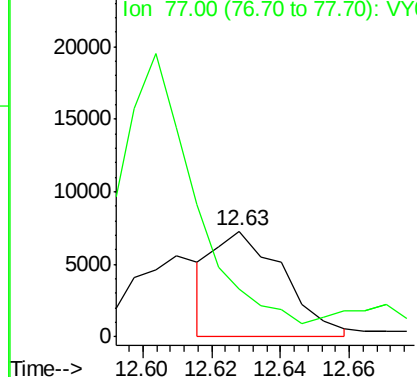
Lab File: VY000126.D

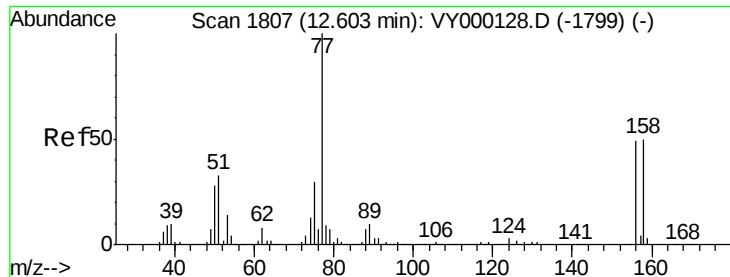
Acq: 23 Sep 2019 11:24

Tgt Ion:	75	Resp:	10297
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0



Abundance Ion 74.90 (74.60 to 75.60): VY0
Ion 77.00 (76.70 to 77.70): VY0





#77

Bromobenzene

Concen: 10.422 ug/l

RT: 12.60 min Scan# 1807

Delta R.T. 0.00 min

Lab File: VY000126.D

Acq: 23 Sep 2019 11:24

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

Tot Ion:156 Resp: 14559

Ion Ratio Lower Upper

156 100

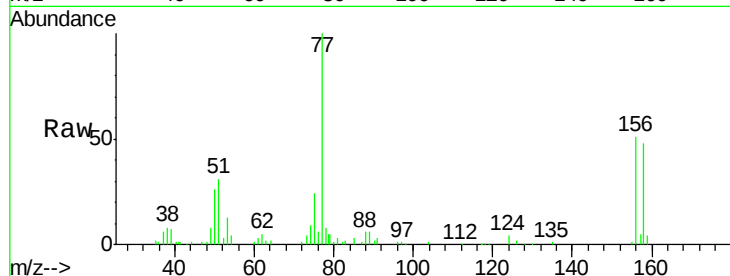
77 215.4 105.0 314.9

158 94.5 48.4 145.2

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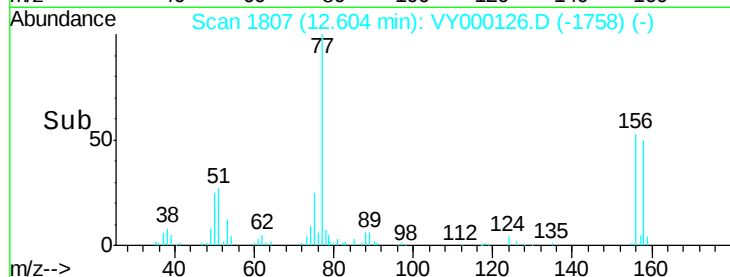


Abundance Ion 155.80 (155.50 to 156.50): VY000128.D (-1799) (-)

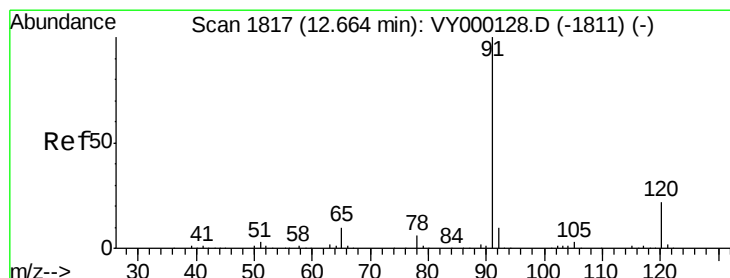
Ion 77.00 (76.70 to 77.70): VY000128.D (-1799) (-)

Ion 157.80 (157.50 to 158.50): VY000128.D (-1799) (-)

Time-->



Time-->



#78

n-propylbenzene

Concen: 10.612 ug/l

RT: 12.67 min Scan# 1818

Delta R.T. 0.01 min

Lab File: VY000126.D

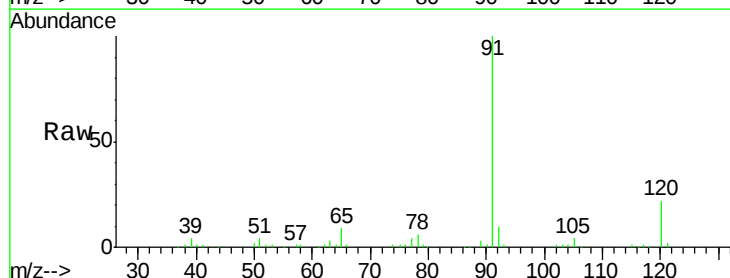
Acq: 23 Sep 2019 11:24

Tgt Ion: 91 Resp: 87675

Ion Ratio Lower Upper

91 100

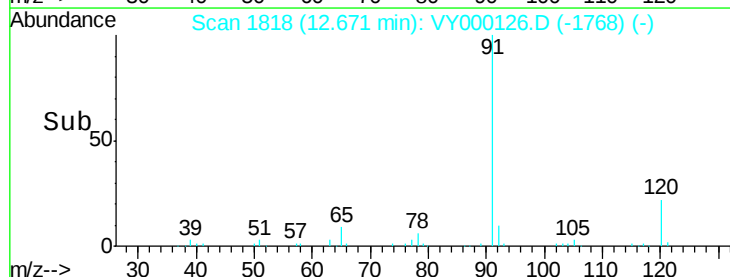
120 22.5 11.6 34.7



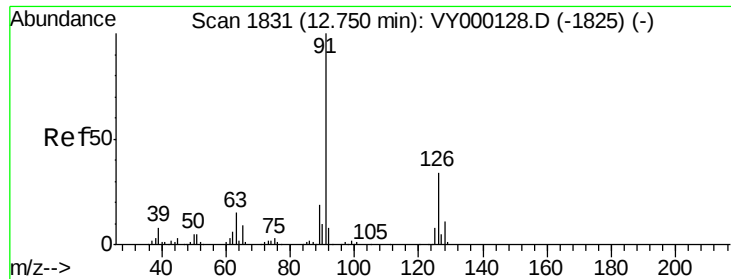
Abundance Ion 91.00 (90.70 to 91.70): VY000128.D (-1811) (-)

Ion 120.00 (119.70 to 120.70): VY000128.D (-1811) (-)

Time-->



Time-->



#79

2-Chlorotoluene

Concen: 10.729 ug/l

RT: 12.75 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VY000126.D

Acq: 23 Sep 2019 11:24

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

Tot Ion: 91 Resp: 48661

Ion Ratio Lower Upper

91 100

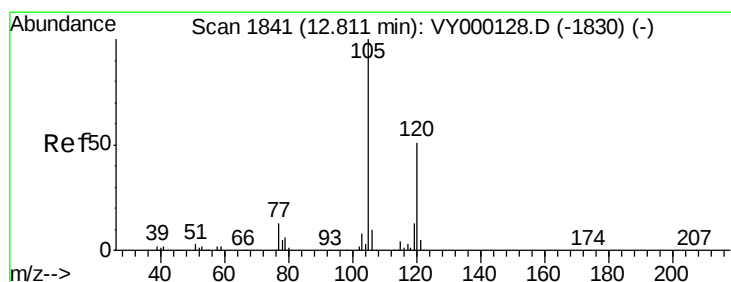
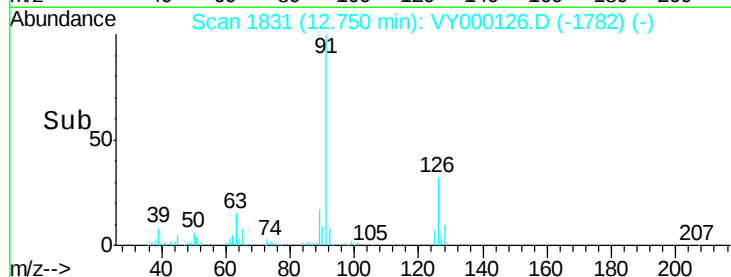
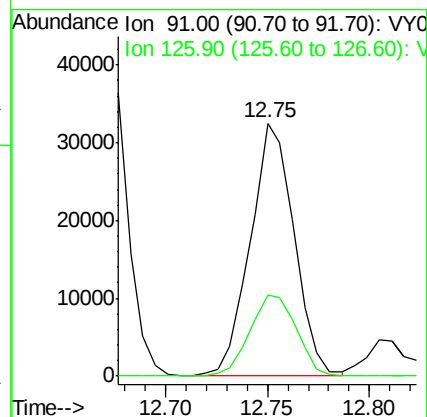
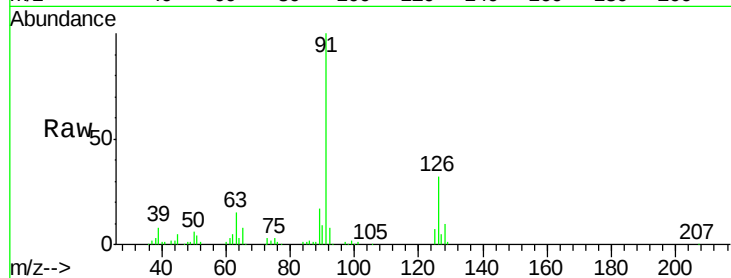
126 34.1 17.5 52.5

Manual Integrations

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#80

1,3,5-Trimethylbenzene

Concen: 10.407 ug/l

RT: 12.81 min Scan# 1841

Delta R.T. 0.00 min

Lab File: VY000126.D

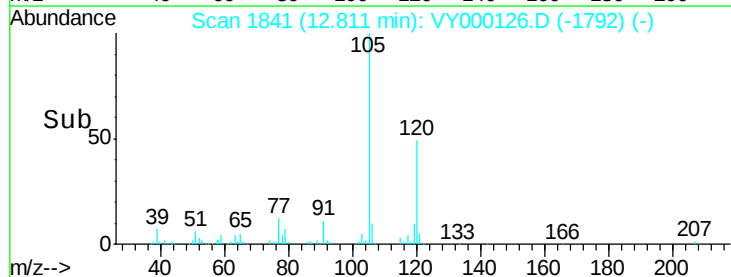
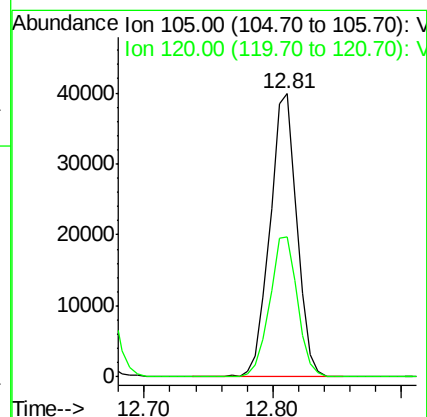
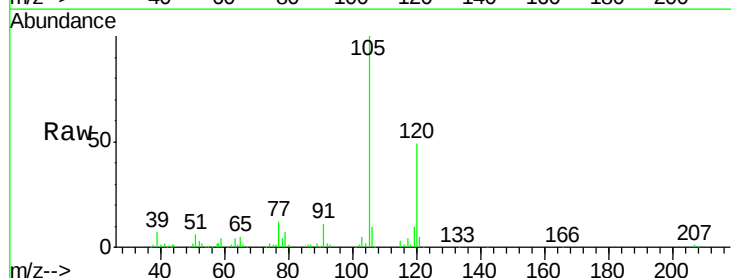
Acq: 23 Sep 2019 11:24

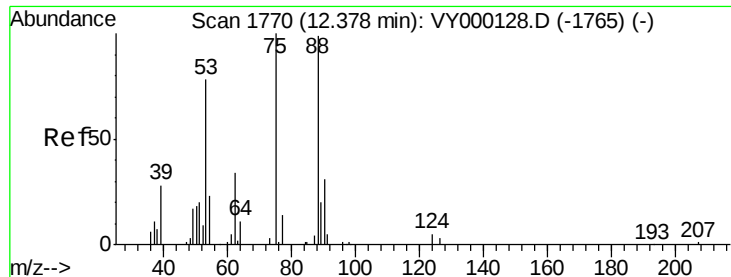
Tgt Ion: 105 Resp: 58178

Ion Ratio Lower Upper

105 100

120 50.8 25.3 75.8





#81

trans-1,4-Dichloro-2-butene

Concen: 9.953 ug/l

RT: 12.38 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VY000126.D

Acq: 23 Sep 2019 11:24

Instrument :

MSVOA_Y

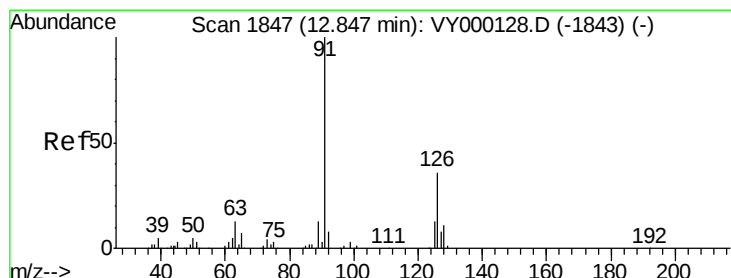
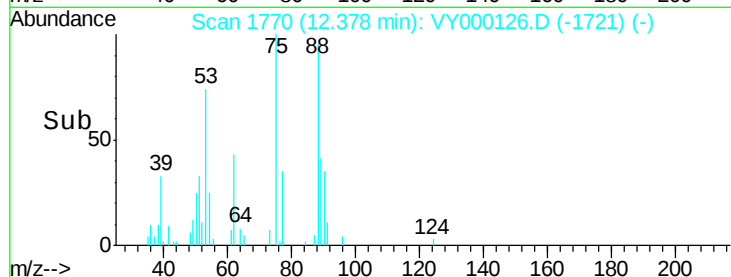
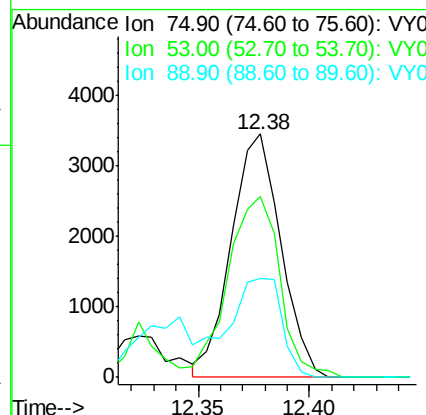
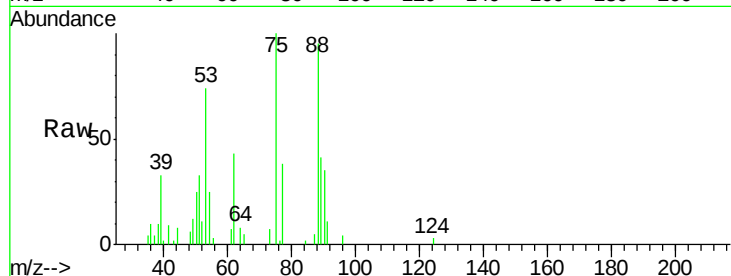
ClientSampleId :

VSTDIC010

Tot Ion:	75	Resp:	5324
Ion	Ratio	Lower	Upper
75	100		
53	78.6	62.5	93.7
89	37.3	31.4	47.2

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#82

4-Chlorotoluene

Concen: 10.317 ug/l

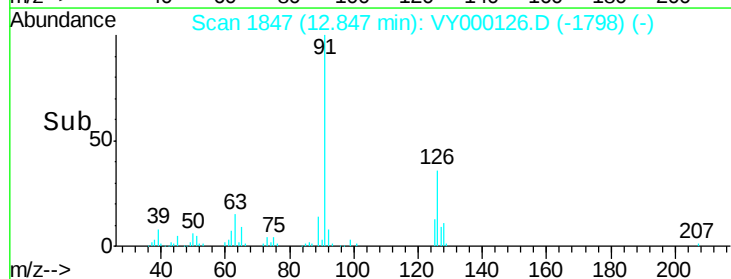
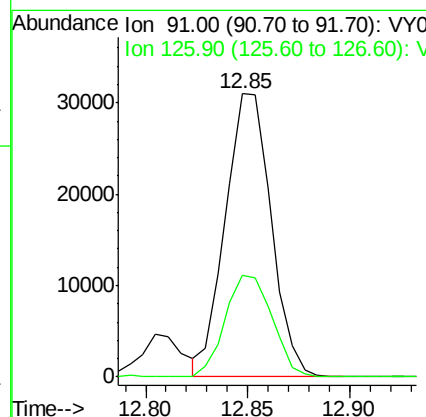
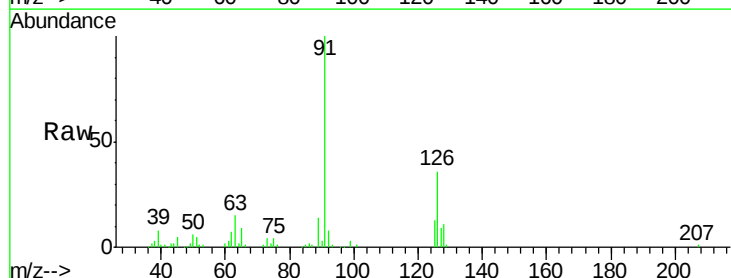
RT: 12.85 min Scan# 1847

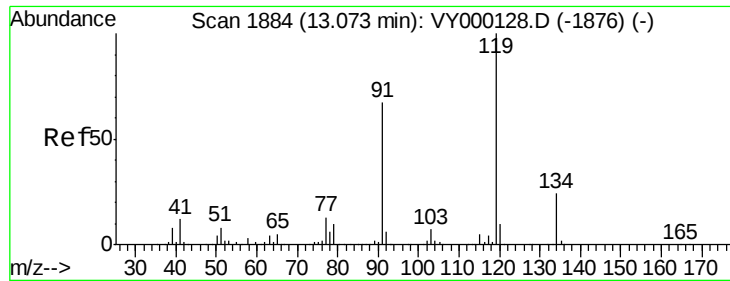
Delta R.T. 0.00 min

Lab File: VY000126.D

Acq: 23 Sep 2019 11:24

Tgt Ion:	91	Resp:	48262
Ion	Ratio	Lower	Upper
91	100		
126	37.1	17.3	51.9





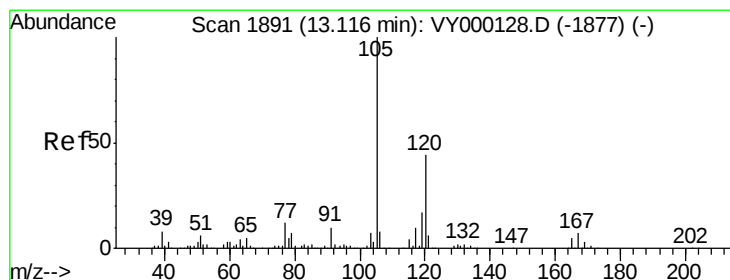
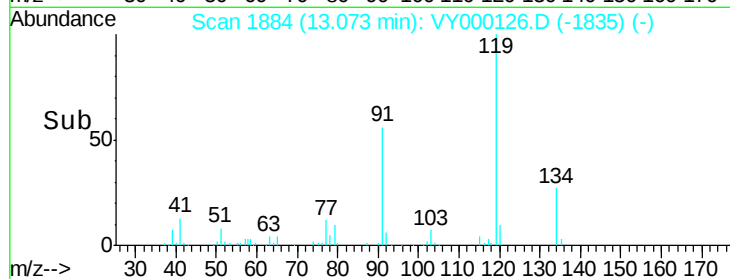
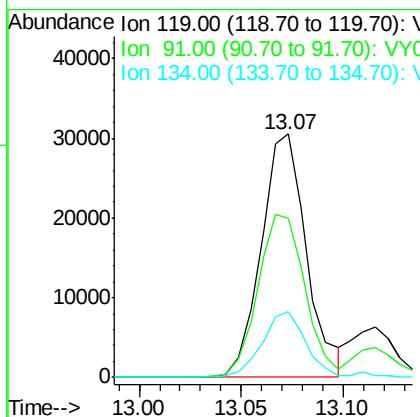
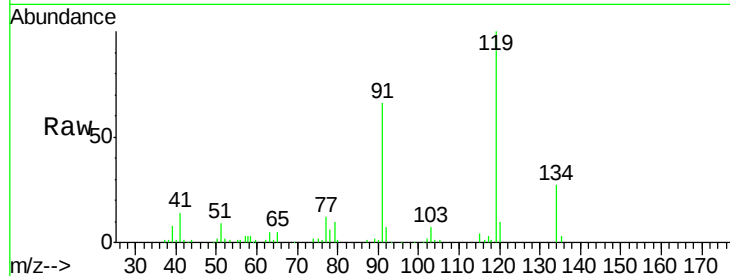
#83
 tert-Butylbenzene
 Concen: 10.302 ug/l
 RT: 13.07 min Scan# 1884
 Delta R.T. 0.00 min
 Lab File: VY000126.D
 Acq: 23 Sep 2019 11:24

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

Tot Ion	Ratio	Lower	Upper
119	100		
91	69.7	33.6	100.8
134	26.1	12.6	37.6

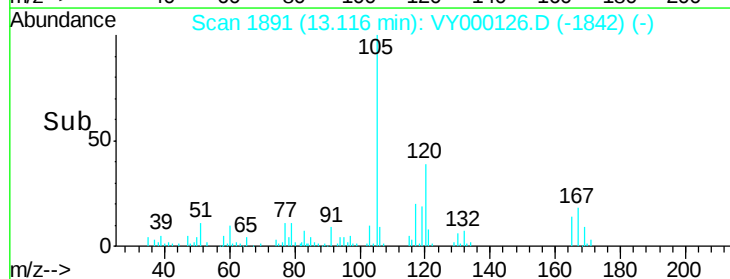
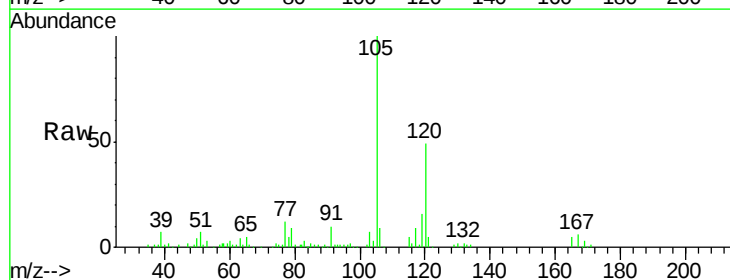
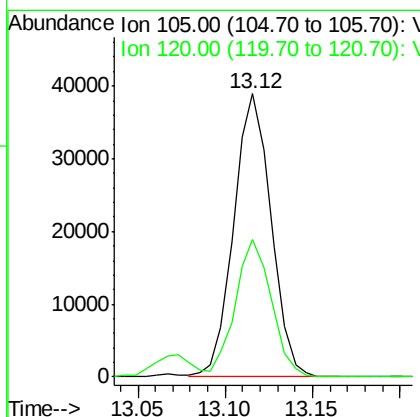
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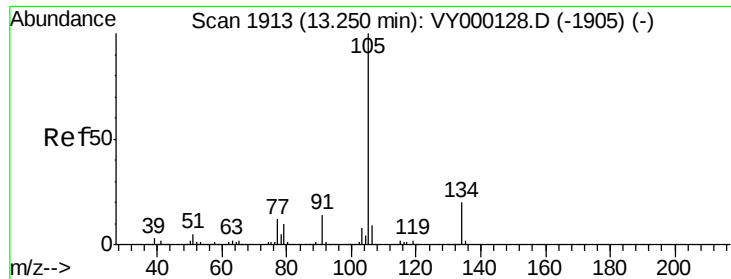
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#84
 1,2,4-Trimethylbenzene
 Concen: 10.347 ug/l
 RT: 13.12 min Scan# 1891
 Delta R.T. 0.00 min
 Lab File: VY000126.D
 Acq: 23 Sep 2019 11:24

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.8	22.9	68.8





#85

sec-Butylbenzene

Concen: 10.697 ug/l

RT: 13.25 min Scan# 1913

Delta R.T. 0.00 min

Lab File: VY000126.D

Acq: 23 Sep 2019 11:24

Instrument :

MSVOA_Y

ClientSampled :

VSTDIC010

Tot Ion:105 Resp: 73229

Ion Ratio Lower Upper

105 100

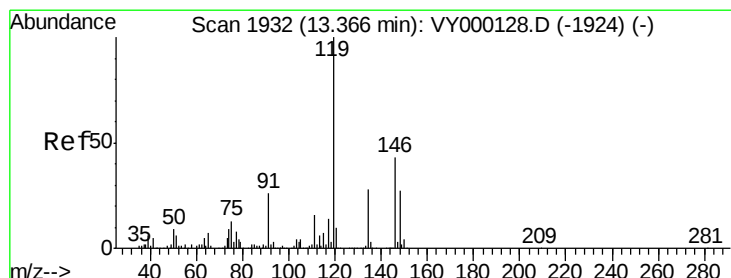
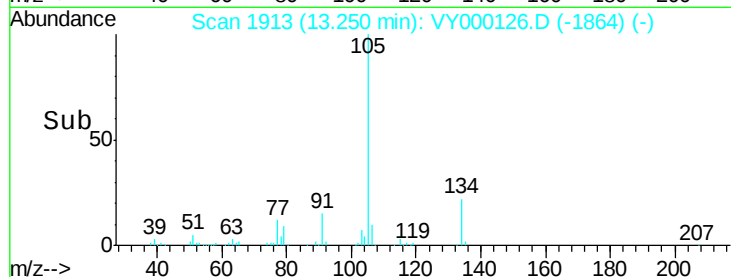
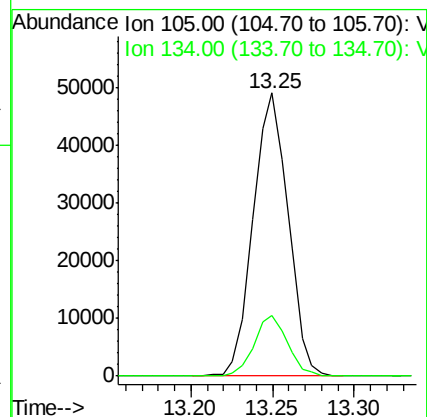
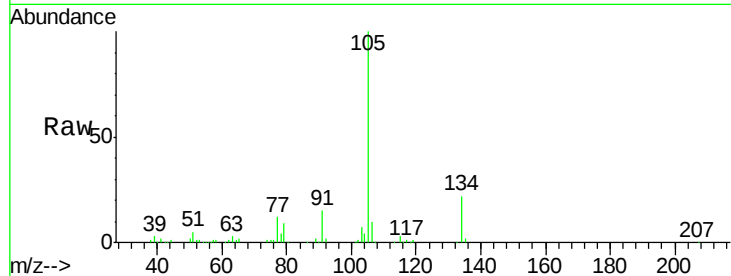
134 20.5 10.2 30.4

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#86

p-Isopropyltoluene

Concen: 10.565 ug/l

RT: 13.37 min Scan# 1932

Delta R.T. 0.00 min

Lab File: VY000126.D

Acq: 23 Sep 2019 11:24

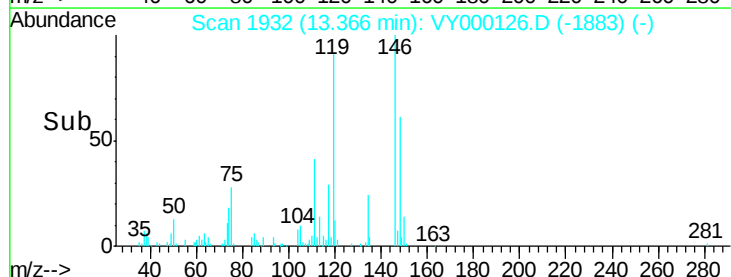
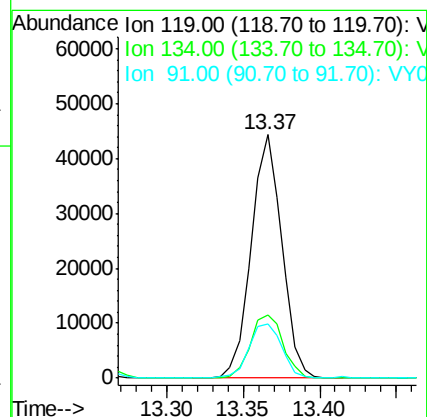
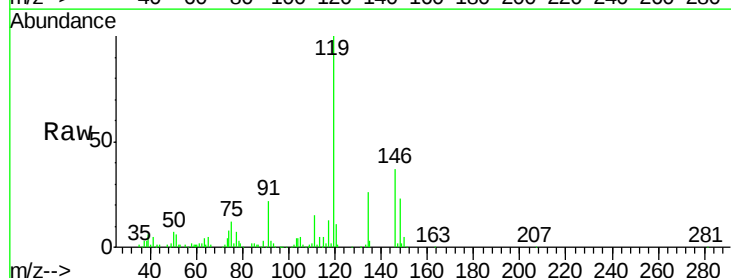
Tgt Ion:119 Resp: 61668

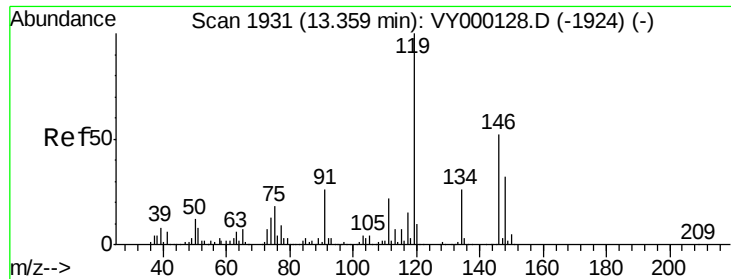
Ion Ratio Lower Upper

119 100

134 27.7 13.6 40.8

91 24.0 12.8 38.3





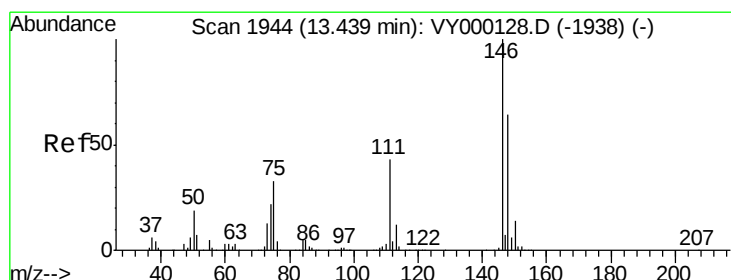
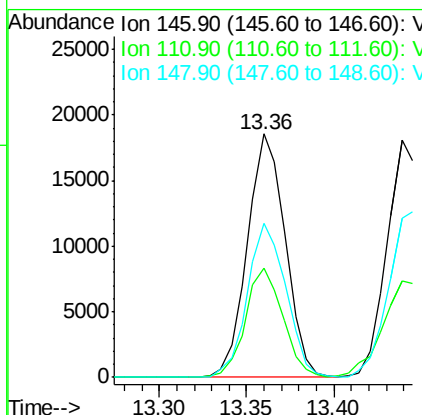
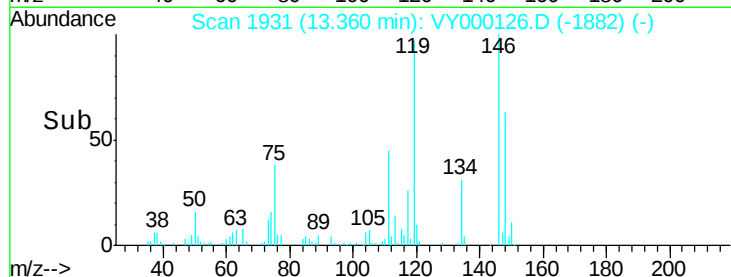
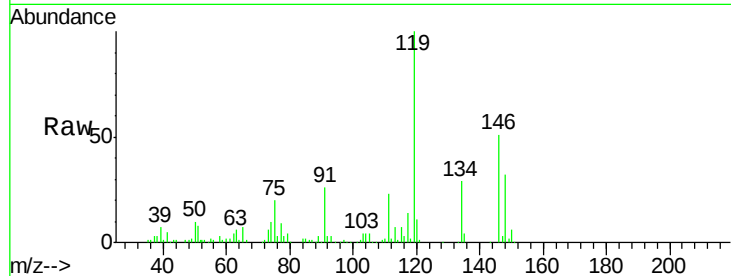
#87
 1,3-Dichlorobenzene
 Concen: 10.223 ug/l
 RT: 13.36 min Scan# 1931
 Delta R.T. 0.00 min
 Lab File: VY000126.D
 Acq: 23 Sep 2019 11:24

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

Tot Ion	Ratio	Resp	Lower	Upper
146	100	27943		
111	44.1	20.4	61.2	
148	64.4	31.9	95.5	

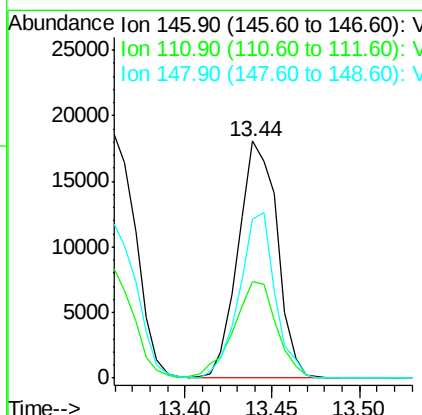
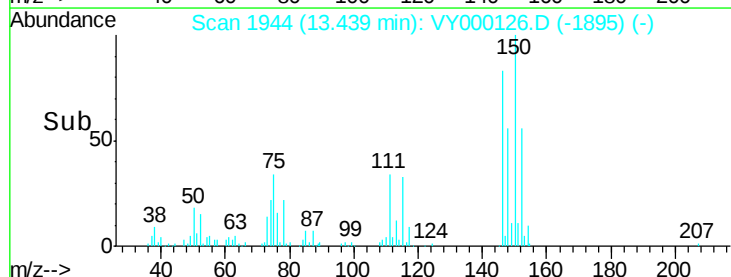
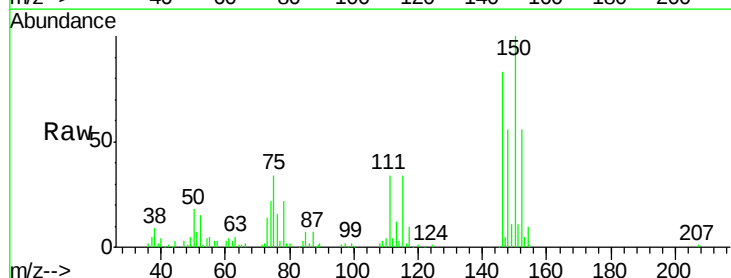
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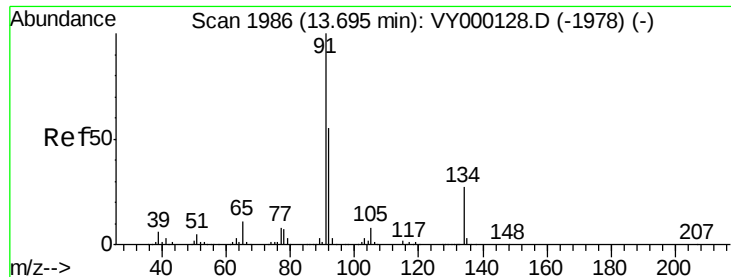
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 9/25/2019 12:39:19 AM



#88
 1,4-Dichlorobenzene
 Concen: 10.072 ug/l
 RT: 13.44 min Scan# 1944
 Delta R.T. 0.00 min
 Lab File: VY000126.D
 Acq: 23 Sep 2019 11:24

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	28099		
111	44.6	20.6	61.8	
148	63.8	31.6	95.0	





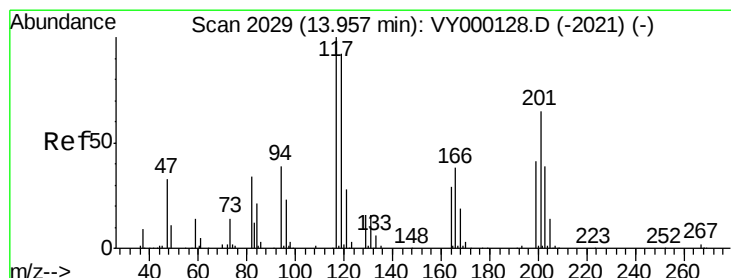
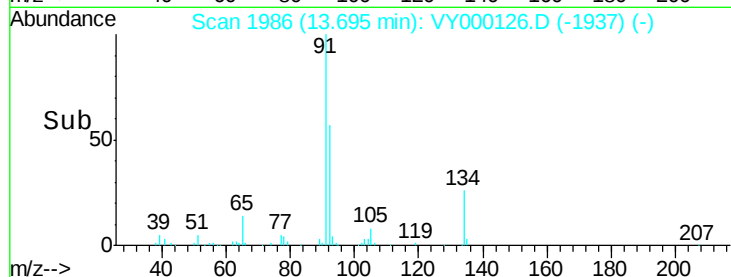
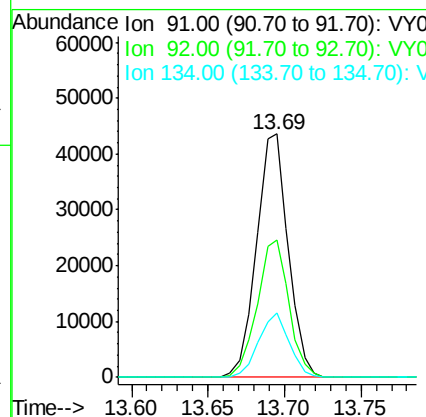
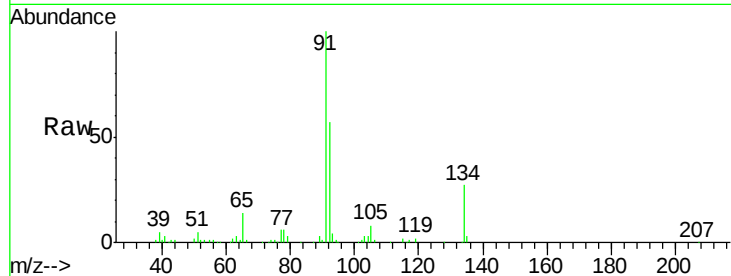
#89
n-Butylbenzene
Concen: 10.483 ug/l
RT: 13.69 min Scan# 1986
Delta R.T. 0.00 min
Lab File: VY000126.D
Acq: 23 Sep 2019 11:24

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
91	100		
92	56.9	27.2	81.5
134	25.6	12.9	38.7

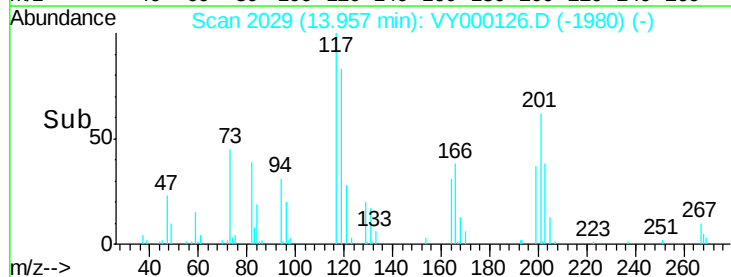
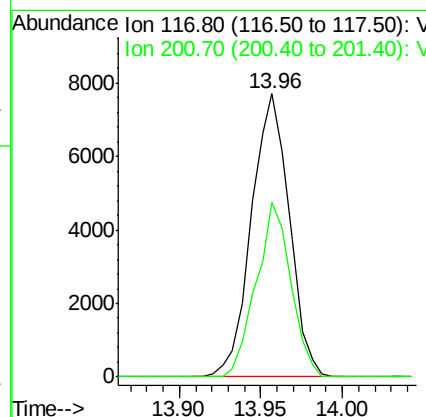
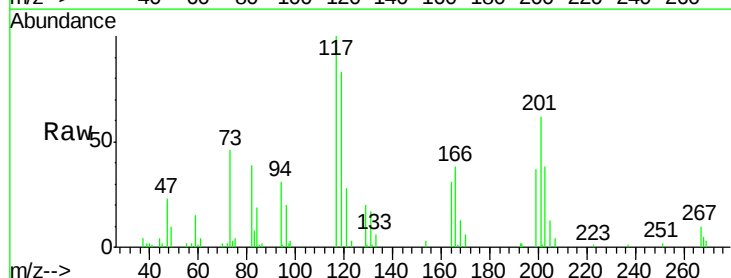
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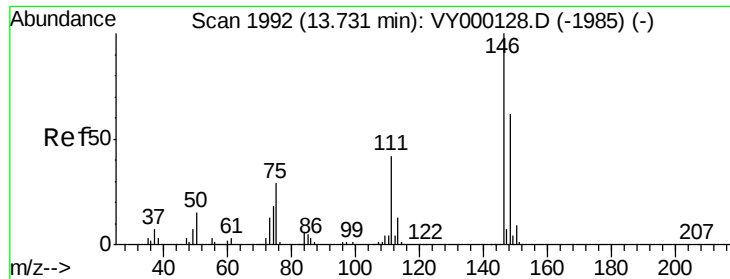
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#90
Hexachloroethane
Concen: 10.747 ug/l
RT: 13.96 min Scan# 2029
Delta R.T. 0.00 min
Lab File: VY000126.D
Acq: 23 Sep 2019 11:24

Tgt Ion	Ratio	Lower	Upper
117	100		
201	56.1	30.1	90.5





#91

1,2-Dichlorobenzene

Concen: 10.219 ug/l

RT: 13.74 min Scan# 1993

Delta R.T. 0.01 min

Lab File: VY000126.D

Acq: 23 Sep 2019 11:24

Instrument :

MSVOA_Y

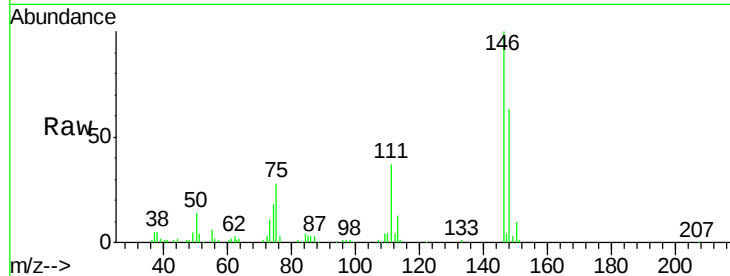
ClientSampleId :

VSTDIC010

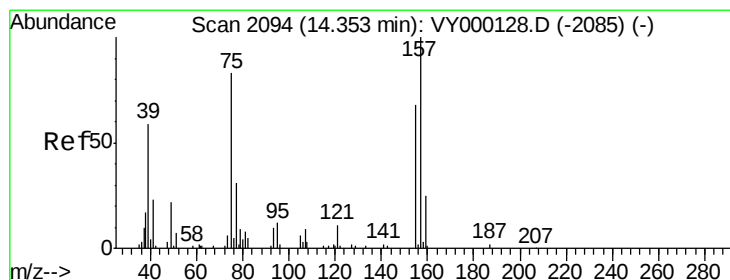
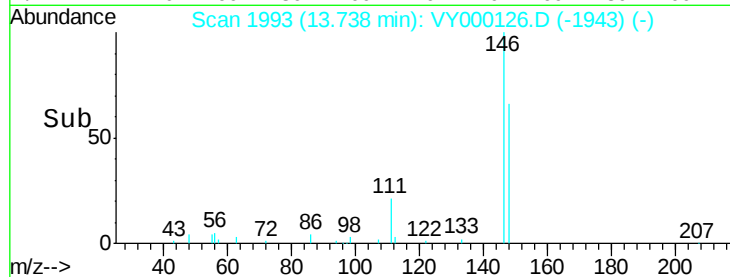
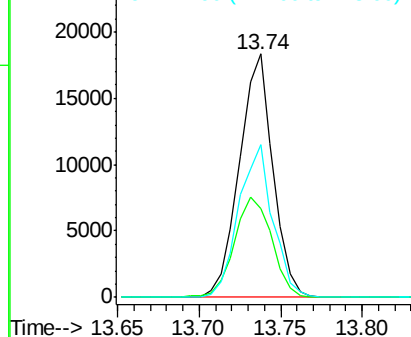
Tot Ion:	146	Resp:	26349
Ion	Ratio	Lower	Upper
146	100		
111	45.8	21.7	65.1
148	63.6	31.5	94.5

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Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 11.478 ug/l

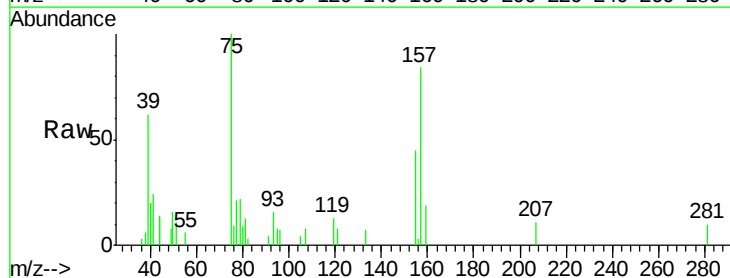
RT: 14.35 min Scan# 2094

Delta R.T. 0.00 min

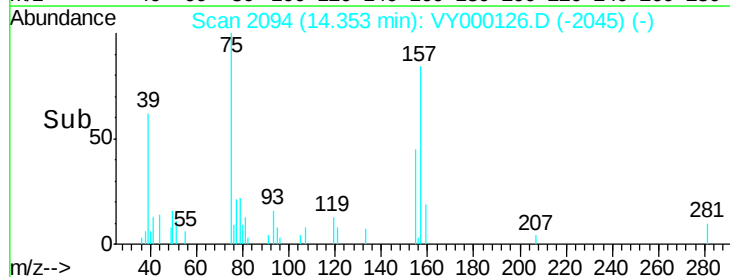
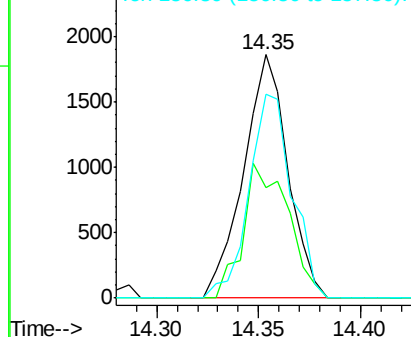
Lab File: VY000126.D

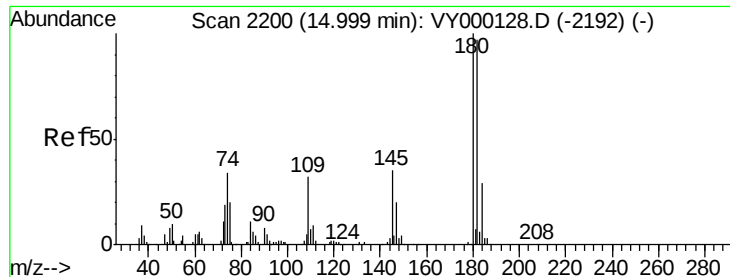
Acq: 23 Sep 2019 11:24

Tgt Ion:	75	Resp:	2814
Ion	Ratio	Lower	Upper
75	100		
155	56.1	44.7	134.1
157	81.6	55.9	167.7



Abundance Ion 74.90 (74.60 to 75.60): VY0
Ion 154.80 (154.50 to 155.50): V
Ion 156.80 (156.50 to 157.50): V





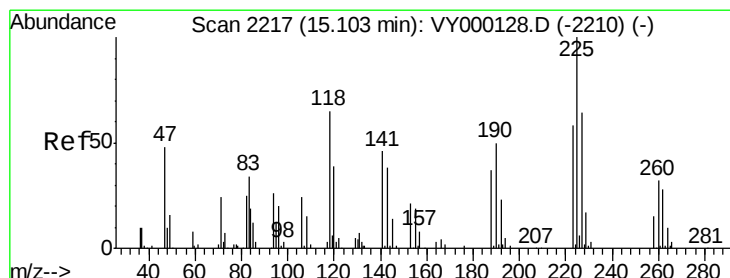
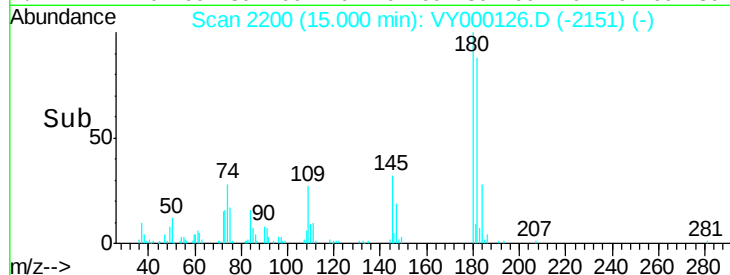
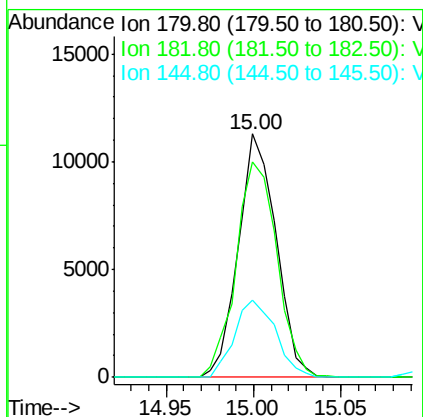
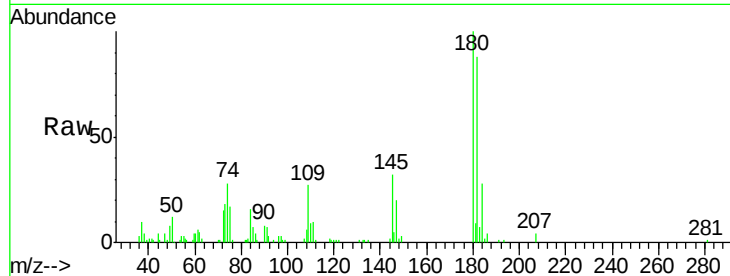
#93
 1,2,4-Trichlorobenzene
 Concen: 10.213 ug/l
 RT: 15.00 min Scan# 2200
 Delta R.T. 0.00 min
 Lab File: VY000126.D
 Acq: 23 Sep 2019 11:24

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

Tot Ion	Ratio	Lower	Upper
180	100		
182	96.3	46.1	138.2
145	34.5	16.8	50.3

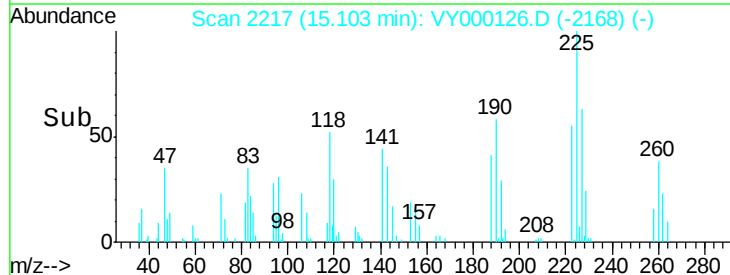
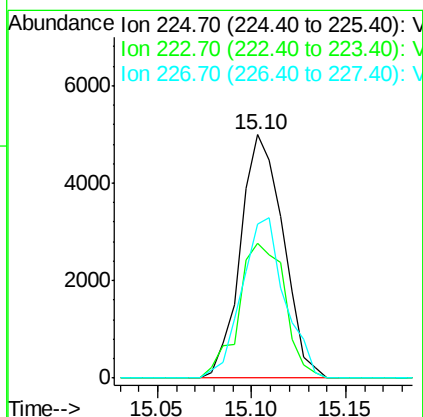
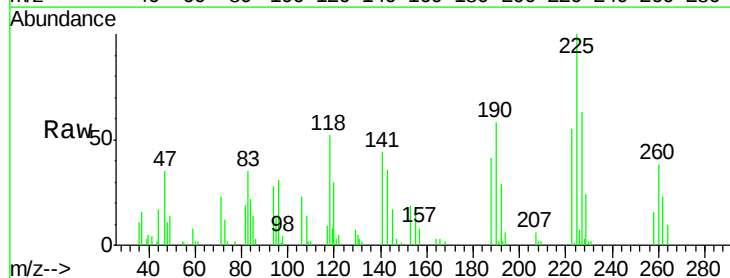
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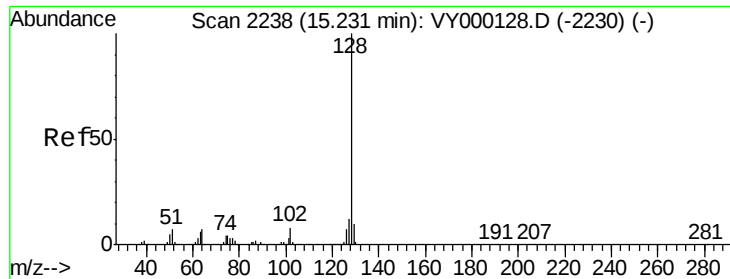
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#94
 Hexachlorobutadiene
 Concen: 10.637 ug/l
 RT: 15.10 min Scan# 2217
 Delta R.T. 0.00 min
 Lab File: VY000126.D
 Acq: 23 Sep 2019 11:24

Tgt Ion	Ratio	Lower	Upper
225	100		
223	60.0	31.9	95.5
227	66.4	32.3	96.8





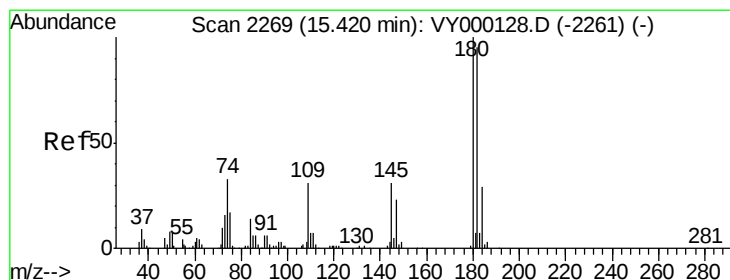
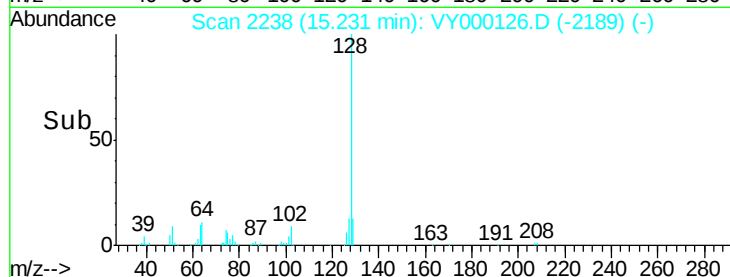
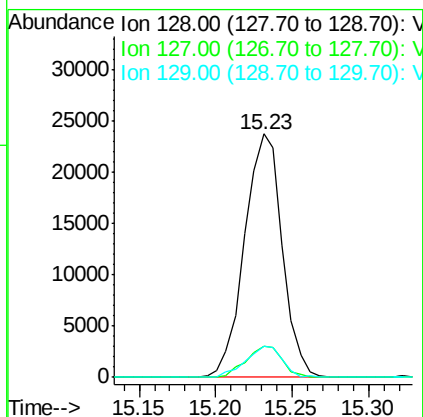
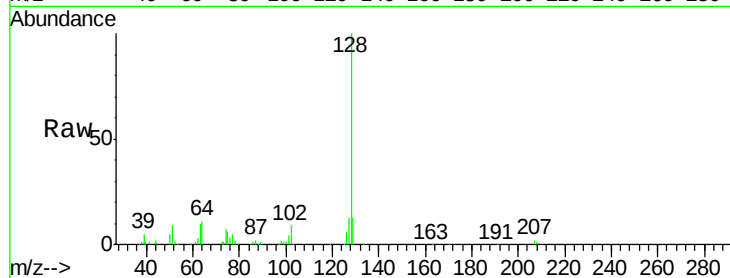
#95
Naphthalene
Concen: 9.716 ug/l
RT: 15.23 min Scan# 2238
Delta R.T. 0.00 min
Lab File: VY000126.D
Acq: 23 Sep 2019 11:24

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Resp	Lower	Upper
128	100	40717		
127	12.4		9.7	14.5
129	12.5		8.3	12.5#

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 10.266 ug/l
RT: 15.42 min Scan# 2269
Delta R.T. 0.00 min
Lab File: VY000126.D
Acq: 23 Sep 2019 11:24

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	15180		
182	97.6		47.4	142.3
145	34.1		17.5	52.6

