

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY092319\
 Data File : VY000130.D
 Acq On : 23 Sep 2019 12:54
 Operator : SY/MD
 Sample : VSTDICC150
 Misc : 5.00g/5.00ml/MSVOA Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC150

Manual Integrations
 APPROVED

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

Quant Time: Sep 24 05:11:25 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	116517	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	217466	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	190631	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	83134	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.15	65	194834	145.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	290.94%	
35) Dibromofluoromethane	7.72	113	175241	140.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	280.68%	
50) Toluene-d8	10.18	98	737748	146.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	293.52%	
62) 4-Bromofluorobenzene	12.48	95	250509	135.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	271.00%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.90	85	144806	125.279	ug/l	97
3) Chloromethane	2.11	50	222534	104.202	ug/l	100
4) Vinyl Chloride	2.25	62	248585	138.764	ug/l	100
5) Bromomethane	2.61	94	135112	121.762	ug/l	99
6) Chloroethane	2.77	64	153165	138.398	ug/l #	88
7) Trichlorofluoromethane	3.11	101	278361	136.040	ug/l	99
8) Diethyl Ether	3.53	74	126333	144.032	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.89	101	187107	137.910	ug/l	98
10) Methyl Iodide	4.08	142	277238	159.284	ug/l	98
11) Tert butyl alcohol	4.98	59	93363	675.168	ug/l	100
12) 1,1-Dichloroethene	3.86	96	195414	139.453	ug/l	96
13) Acrolein	3.73	56	25939	461.684	ug/l	93
14) Allyl chloride	4.47	41	287184	145.188	ug/l	96
15) Acrylonitrile	5.17	53	309657	728.291	ug/l	99
16) Acetone	3.95	43	191551	735.687	ug/l	95
17) Carbon Disulfide	4.18	76	657348	136.152	ug/l	98
18) Methyl Acetate	4.48	43	142189	149.072	ug/l	99
19) Methyl tert-butyl Ether	5.22	73	534373	146.756	ug/l	98
20) Methylene Chloride	4.71	84	222529	127.179	ug/l	92
21) trans-1,2-Dichloroethene	5.21	96	218297	138.139	ug/l	100
22) Diisopropyl ether	6.12	45	621982	147.485	ug/l	98
23) Vinyl Acetate	6.06	43	2189033	778.875	ug/l	96
24) 1,1-Dichloroethane	6.02	63	350018	139.323	ug/l	98
25) 2-Butanone	6.99	43	356150	737.265	ug/l	95
26) 2,2-Dichloropropane	6.98	77	305201	134.053	ug/l	99
27) cis-1,2-Dichloroethene	6.99	96	249171	141.668	ug/l	99
28) Bromochloromethane	7.34	49	148822	151.590	ug/l	99
29) Tetrahydrofuran	7.35	42	254764	778.784	ug/l	95
30) Chloroform	7.51	83	347817	137.519	ug/l	98
31) Cyclohexane	7.78	56	342668	131.536	ug/l	96
32) 1,1,1-Trichloroethane	7.70	97	300384	144.360	ug/l	100
36) 1,1-Dichloropropene	7.92	75	284147	141.117	ug/l	100
37) Ethyl Acetate	7.08	43	166128	156.227	ug/l	99
38) Carbon Tetrachloride	7.90	117	259022	149.885	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.18	83	396636	143.222	ug/l	98
40) Benzene	8.16	78	889013	143.056	ug/l	98
41) Methacrylonitrile	7.32	41	80077m	94.890	ug/l	
42) 1,2-Dichloroethane	8.24	62	239747	151.284	ug/l	99
43) Isopropyl Acetate	8.27	43	328590	154.487	ug/l	98
44) Trichloroethene	8.94	130	223976	145.150	ug/l	97
45) 1,2-Dichloropropane	9.22	63	211130	140.657	ug/l	97
46) Dibromomethane	9.31	93	119873	143.599	ug/l	97
47) Bromodichloromethane	9.50	83	279457	146.210	ug/l	95
48) Methyl methacrylate	9.29	41	144702	159.201	ug/l	94
49) 1,4-Dioxane	9.30	88	37485	2844.356	ug/l #	84
51) 4-Methyl-2-Pentanone	10.07	43	841217	776.146	ug/l	98
52) Toluene	10.24	92	561566	146.234	ug/l	98
53) t-1,3-Dichloropropene	10.46	75	310232	148.847	ug/l	100
54) cis-1,3-Dichloropropene	9.93	75	356345	147.467	ug/l	93
55) 1,1,2-Trichloroethane	10.65	97	172567	144.353	ug/l	98
56) Ethyl methacrylate	10.51	69	255296	151.610	ug/l	96
57) 1,3-Dichloropropane	10.79	76	300769	144.719	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.79	63	627656	754.996	ug/l	99
59) 2-Hexanone	10.84	43	593459	781.705	ug/l	96
60) Dibromochloromethane	10.98	129	191291	153.107	ug/l	96
61) 1,2-Dibromoethane	11.09	107	165195	147.037	ug/l	97
64) Tetrachloroethene	10.71	164	198210	136.598	ug/l	94
65) Chlorobenzene	11.51	112	568502	146.906	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.59	131	184803	148.620	ug/l	98
67) Ethyl Benzene	11.59	91	1025784	145.827	ug/l	99
68) m/p-Xylenes	11.70	106	783751	288.929	ug/l	95
69) o-Xylene	12.02	106	380455	146.717	ug/l	100
70) Styrene	12.04	104	659336	150.485	ug/l	98
71) Bromoform	12.20	173	108894	155.102	ug/l #	98
73) Isopropylbenzene	12.33	105	971018	146.698	ug/l	100
74) N-amyl acetate	12.14	43	306639	166.219	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.58	83	196461	148.655	ug/l	99
76) 1,2,3-Trichloropropane	12.63	75	118435m	71.128	ug/l	
77) Bromobenzene	12.60	156	211026	152.462	ug/l	99
78) n-propylbenzene	12.66	91	1184614	144.708	ug/l	100
79) 2-Chlorotoluene	12.75	91	650295	144.705	ug/l	99
80) 1,3,5-Trimethylbenzene	12.81	105	812631	146.703	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.38	75	81978	154.667	ug/l	95
82) 4-Chlorotoluene	12.85	91	687322	148.287	ug/l	100
83) tert-Butylbenzene	13.07	119	666757	146.942	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	802476	145.164	ug/l	100
85) sec-Butylbenzene	13.25	105	980087	144.492	ug/l	99
86) p-Isopropyltoluene	13.37	119	840196	145.277	ug/l	100
87) 1,3-Dichlorobenzene	13.36	146	389146	143.691	ug/l	98
88) 1,4-Dichlorobenzene	13.44	146	401327	145.180	ug/l	98
89) n-Butylbenzene	13.69	91	879065	148.181	ug/l	99
90) Hexachloroethane	13.96	117	168385	147.019	ug/l	98
91) 1,2-Dichlorobenzene	13.74	146	370945	145.188	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.35	75	36056	148.432	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	246190	149.870	ug/l	98
94) Hexachlorobutadiene	15.10	225	111981	153.374	ug/l	98
95) Naphthalene	15.23	128	641394	154.458	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	221718	151.334	ug/l	99

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

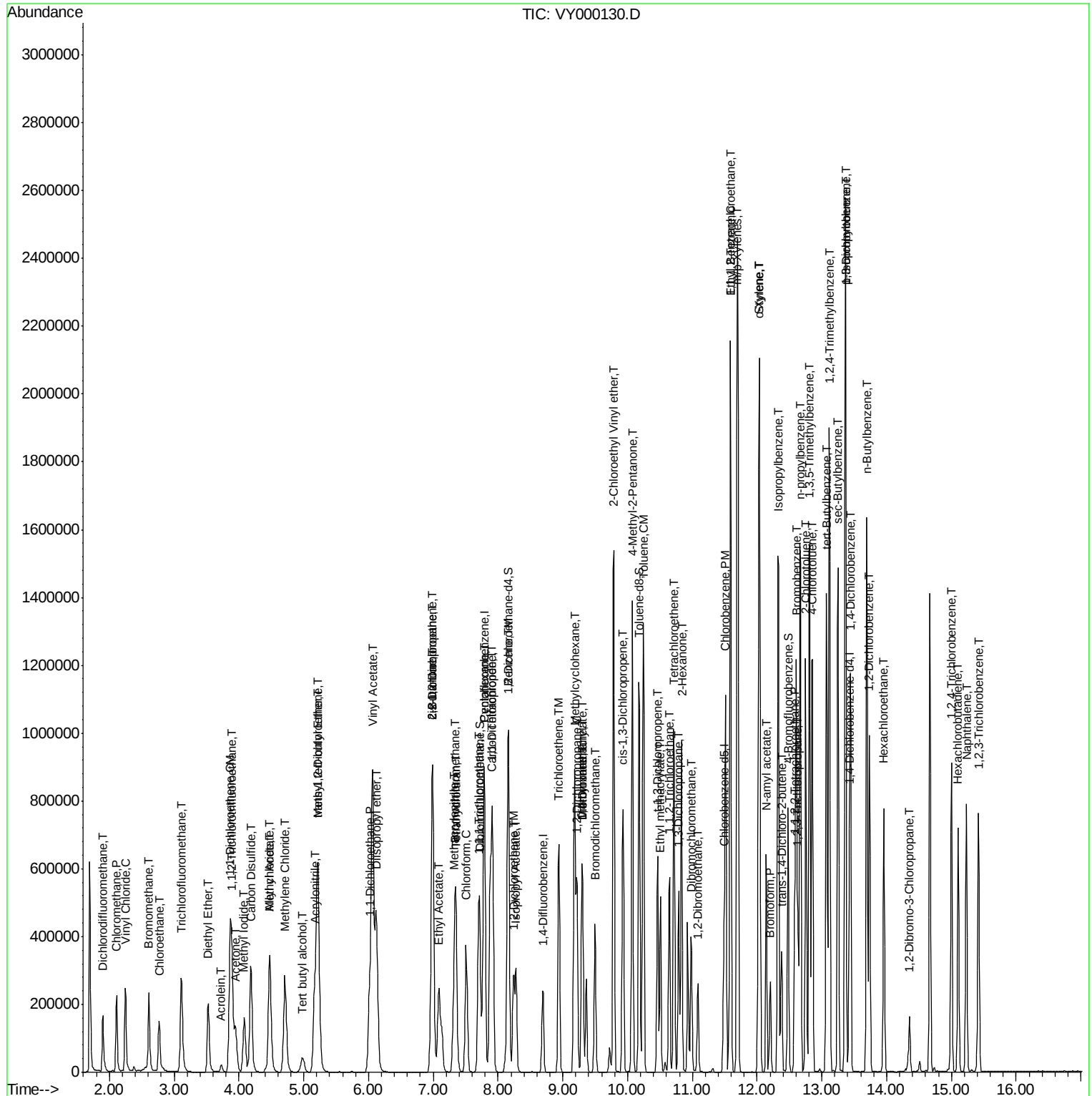
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY092319\
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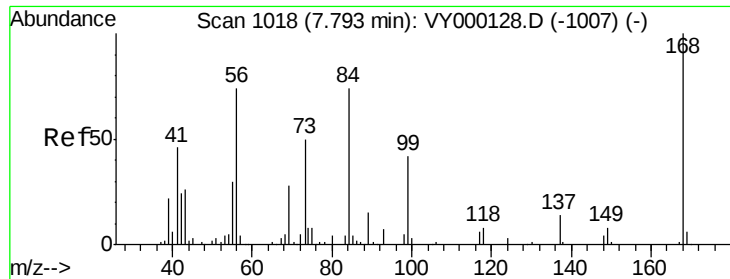
Instrument :
MSVOA_Y
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.79 min Scan# 1018

Delta R.T. -0.00 min

Lab File: VY000130.D

Acq: 23 Sep 2019 12:54

Instrument :

MSVOA_Y

ClientSampled :

VSTDIC150

Tot Ion:168 Resp: 116517

Ion Ratio Lower Upper

168 100

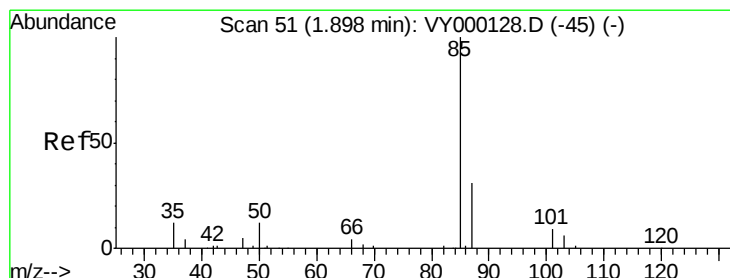
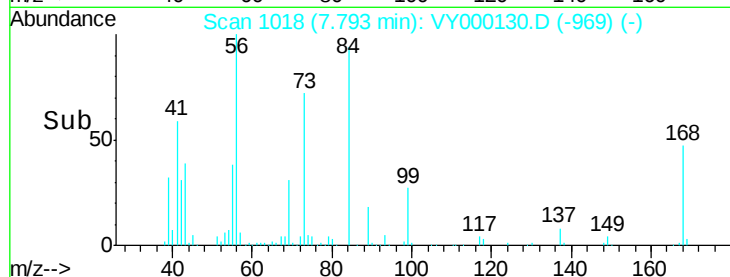
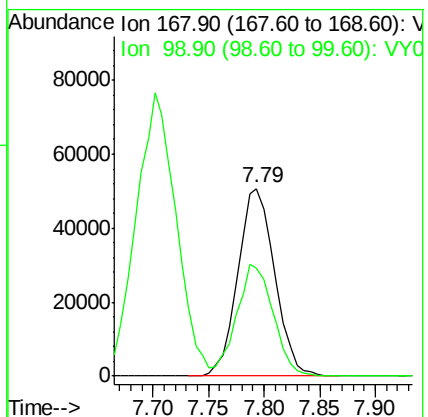
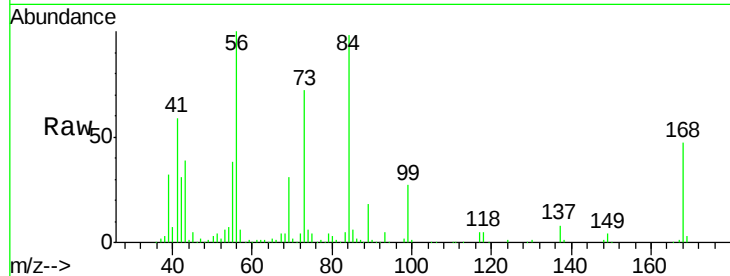
99 57.8 49.9 74.9

Manual Integrations

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9/25/2019 12:39:25 AM



#2

Dichlorodifluoromethane

Concen: 125.279 ug/l

RT: 1.90 min Scan# 51

Delta R.T. -0.00 min

Lab File: VY000130.D

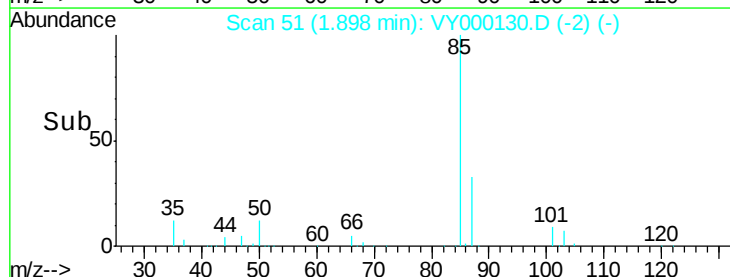
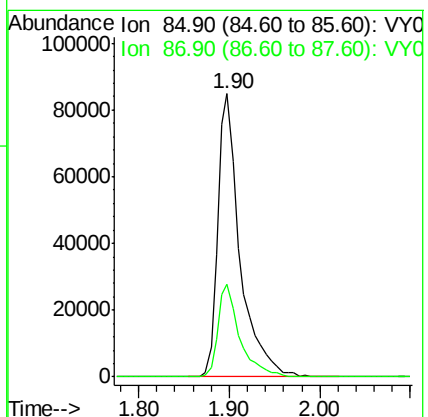
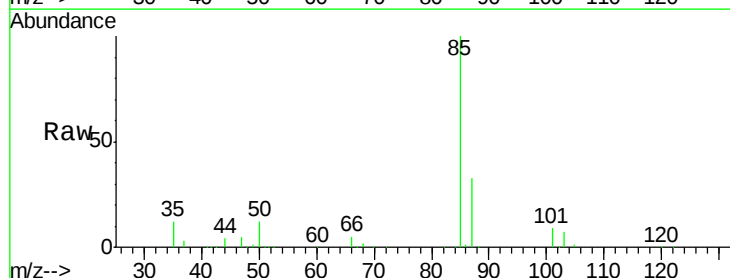
Acq: 23 Sep 2019 12:54

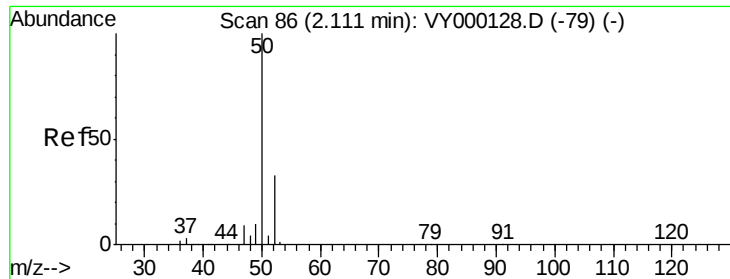
Tgt Ion: 85 Resp: 144806

Ion Ratio Lower Upper

85 100

87 32.7 15.4 46.4





#3

Chloromethane

Concen: 104.202 ug/l

RT: 2.11 min Scan# 86

Delta R.T. -0.00 min

Lab File: VY000130.D

Acq: 23 Sep 2019 12:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

Tot Ion: 50 Resp: 222534

Ion Ratio Lower Upper

50 100

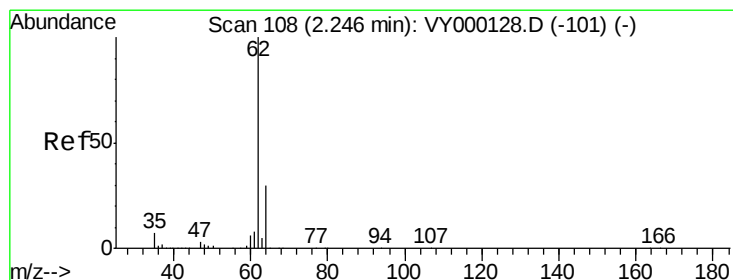
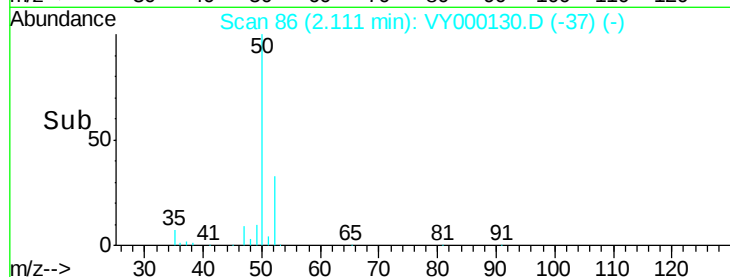
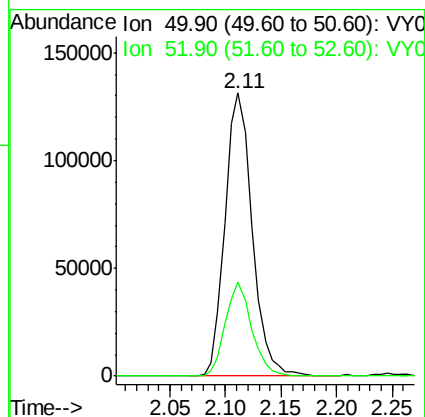
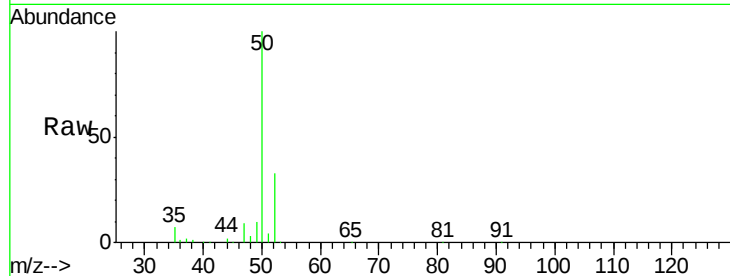
52 33.0 26.2 39.4

Manual Integrations

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#4

Vinyl Chloride

Concen: 138.764 ug/l

RT: 2.25 min Scan# 108

Delta R.T. -0.00 min

Lab File: VY000130.D

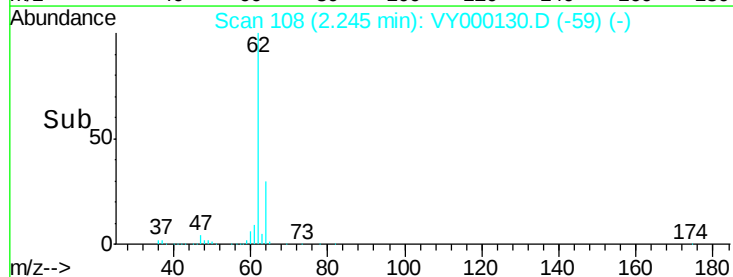
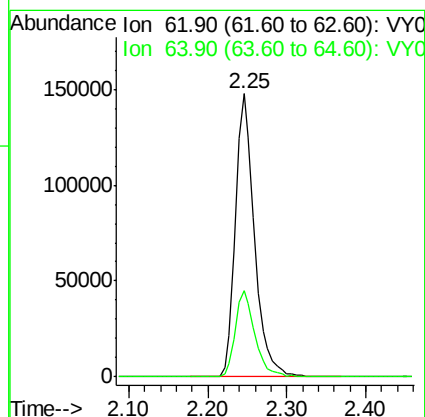
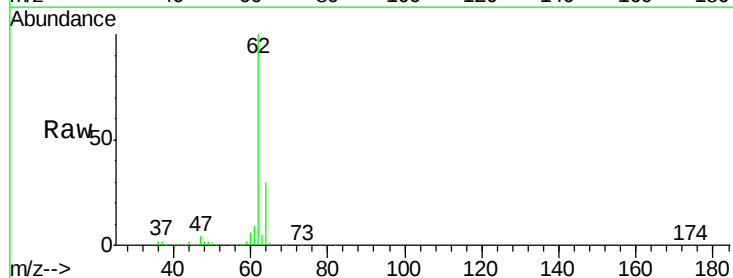
Acq: 23 Sep 2019 12:54

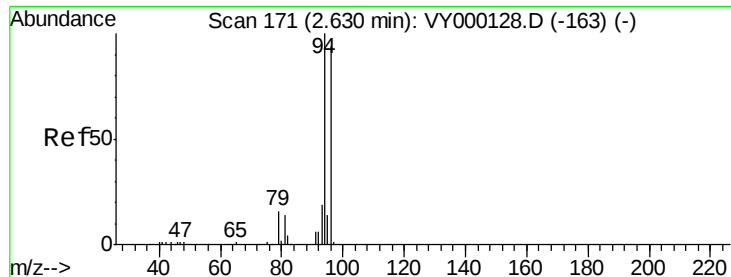
Tgt Ion: 62 Resp: 248585

Ion Ratio Lower Upper

62 100

64 30.3 24.4 36.6





#5

Bromomethane

Concen: 121.762 ug/l

RT: 2.61 min Scan# 167

Delta R.T. -0.02 min

Lab File: VY000130.D

Acq: 23 Sep 2019 12:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

Tot Ion: 94 Resp: 135112

Ion Ratio Lower Upper

94 100

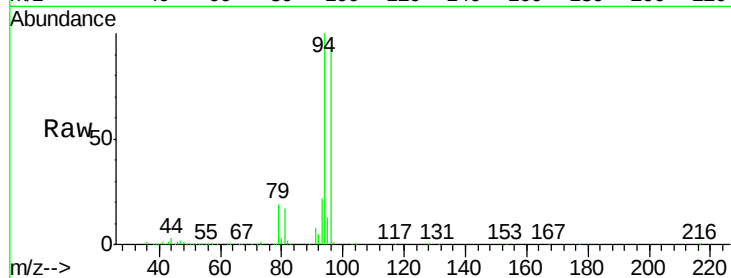
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Manual Integrations

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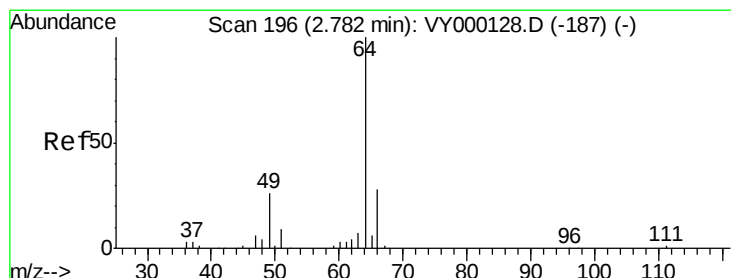
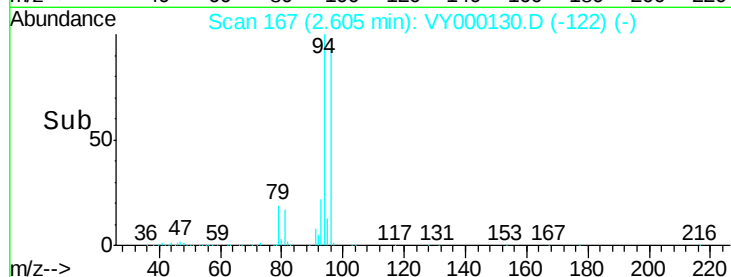
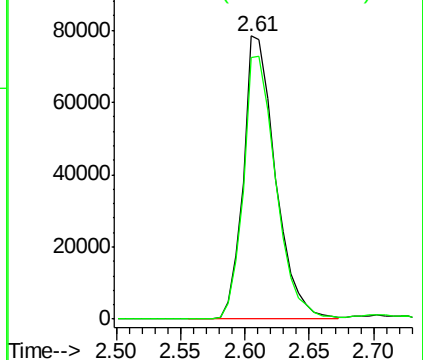
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9/25/2019 12:39:25 AM



Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 138.398 ug/l

RT: 2.77 min Scan# 194

Delta R.T. -0.01 min

Lab File: VY000130.D

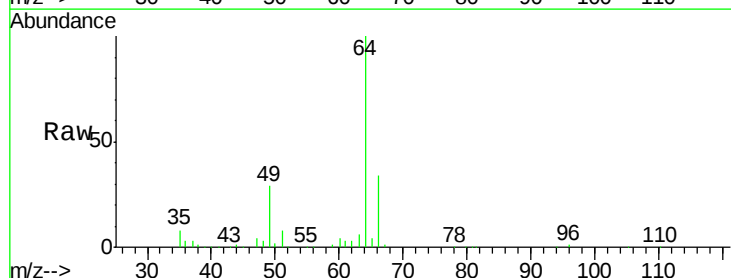
Acq: 23 Sep 2019 12:54

Tgt Ion: 64 Resp: 153165

Ion Ratio Lower Upper

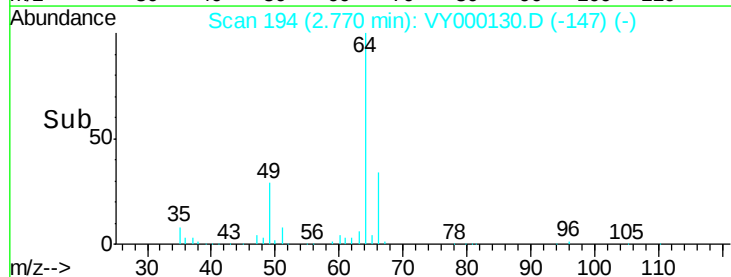
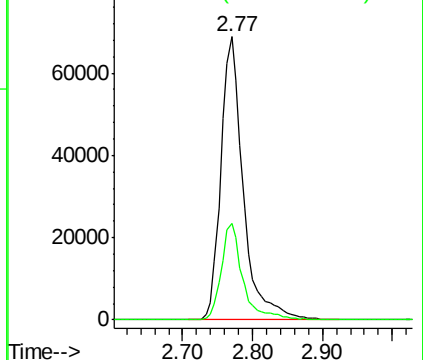
64 100

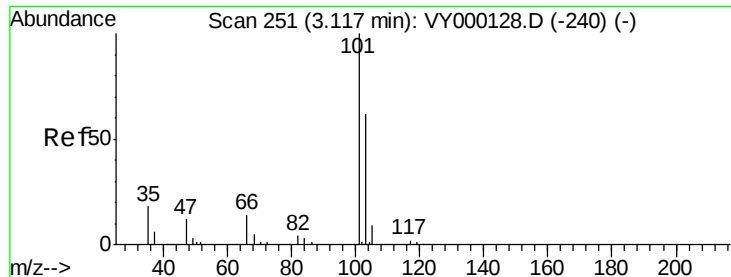
66 34.1 22.4 33.6#



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0





#7

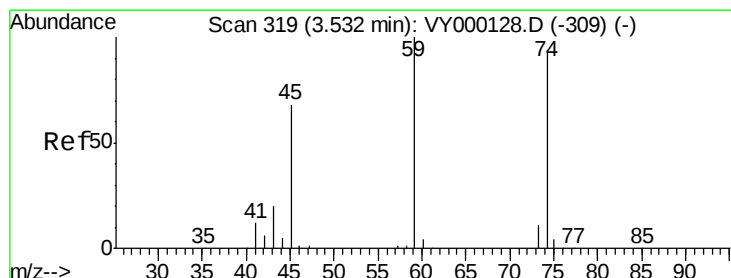
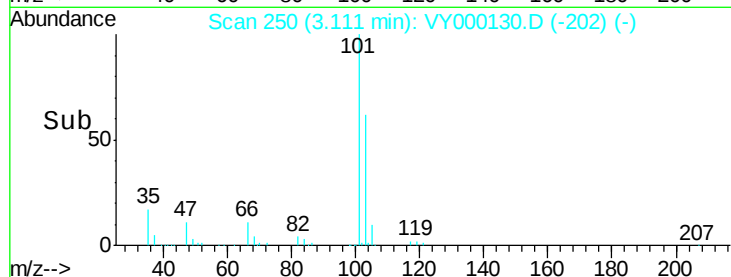
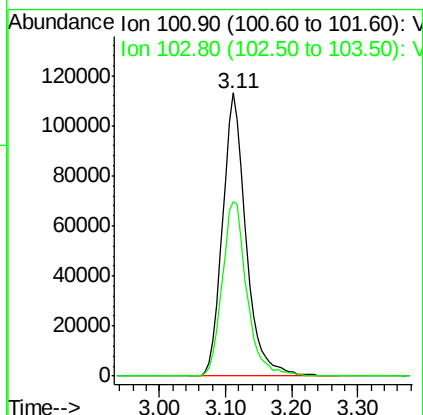
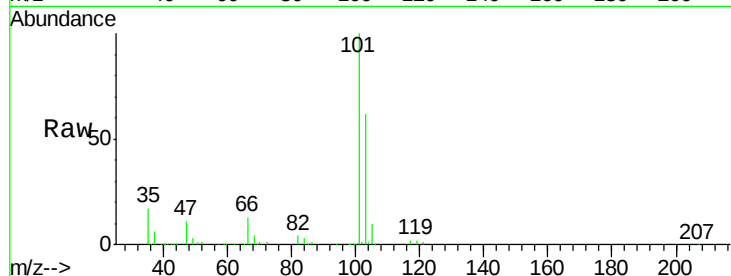
Trichlorofluoromethane
 Concen: 136.040 ug/l
 RT: 3.11 min Scan# 250
 Delta R.T. -0.01 min
 Lab File: VY000130.D
 Acq: 23 Sep 2019 12:54

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Resp	Lower	Upper
101	100	278361		
103	61.6	49.9	74.9	

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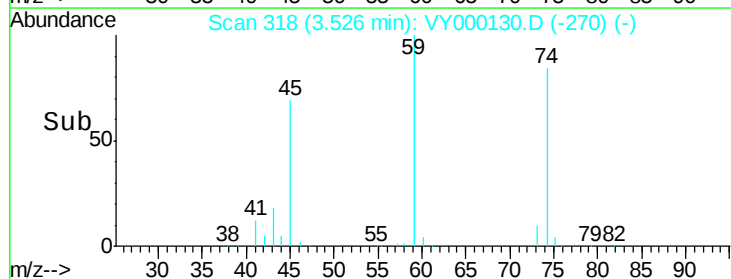
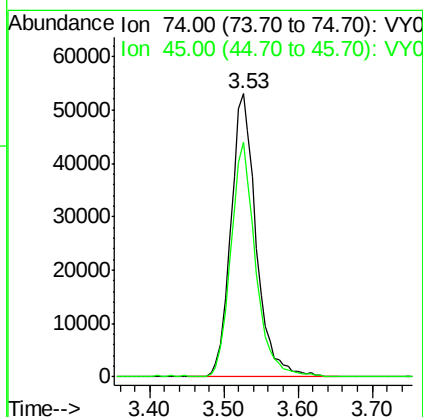
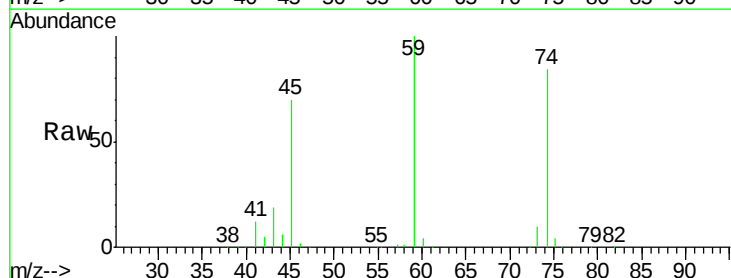
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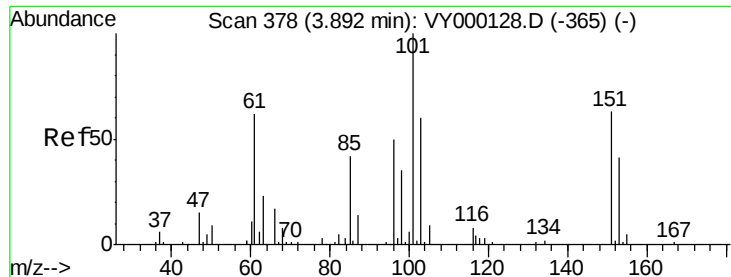


#8

Diethyl Ether
 Concen: 144.032 ug/l
 RT: 3.53 min Scan# 318
 Delta R.T. -0.01 min
 Lab File: VY000130.D
 Acq: 23 Sep 2019 12:54

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	126333		
45	81.0	40.1	120.2	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 137.910 ug/l

RT: 3.89 min Scan# 378

Delta R.T. -0.00 min

Lab File: VY000130.D

Acq: 23 Sep 2019 12:54

Instrument :

MSVOA_Y

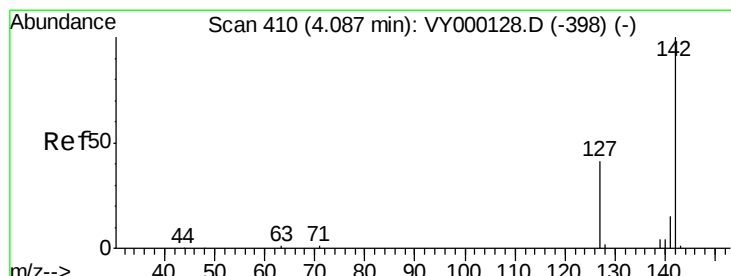
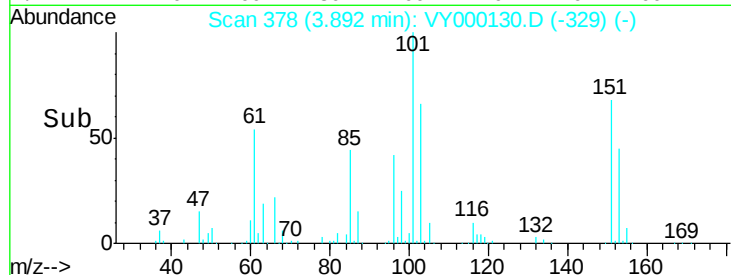
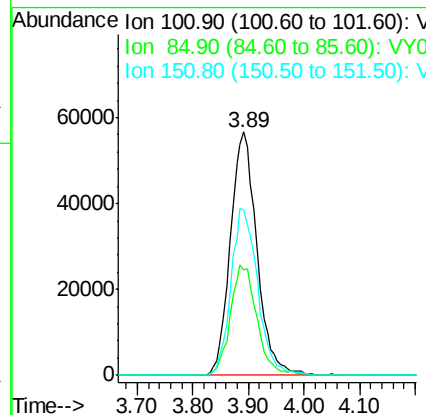
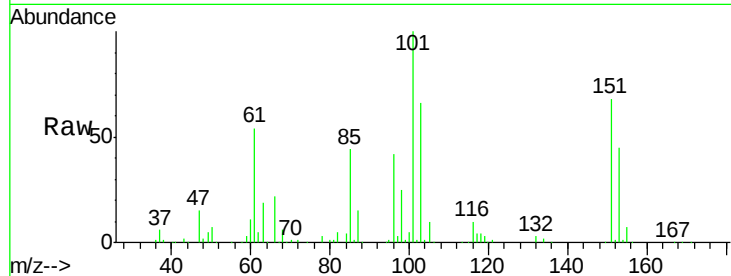
ClientSampleId :

VSTDIC150

Tot Ion:	101	Resp:	187107
Ion Ratio	Lower	Upper	
101	100		
85	45.4	36.7	55.1
151	69.0	53.9	80.9

Manual Integrations
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#10

Methyl Iodide

Concen: 159.284 ug/l

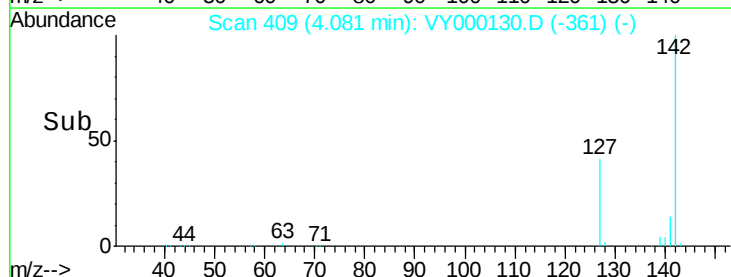
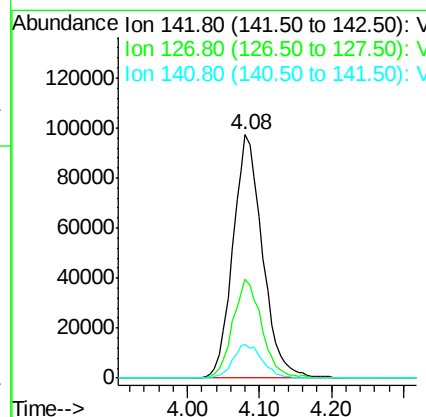
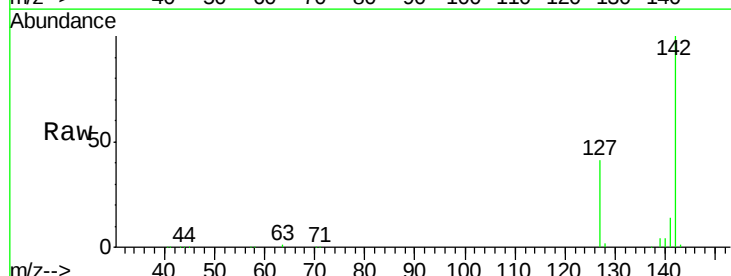
RT: 4.08 min Scan# 409

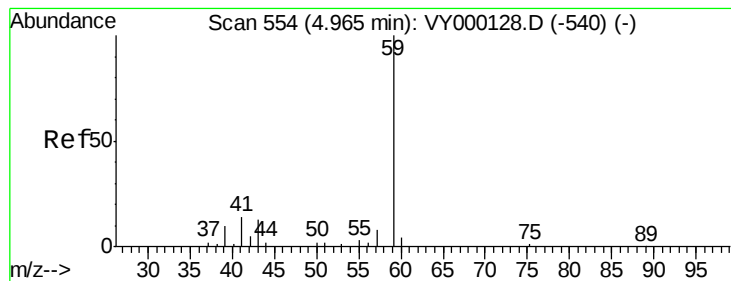
Delta R.T. -0.01 min

Lab File: VY000130.D

Acq: 23 Sep 2019 12:54

Tgt Ion:	142	Resp:	277238
Ion Ratio	Lower	Upper	
142	100		
127	39.9	32.8	49.2
141	13.9	10.8	16.2





#11

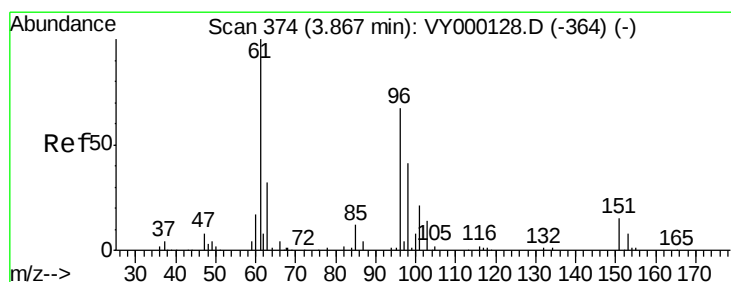
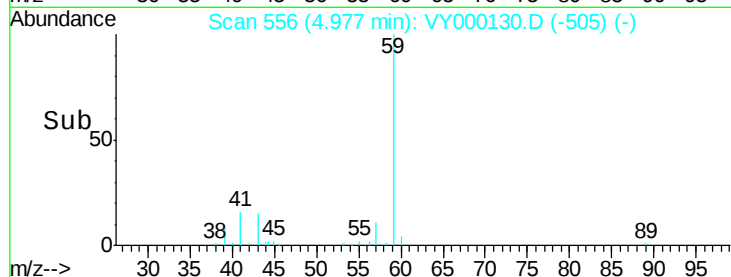
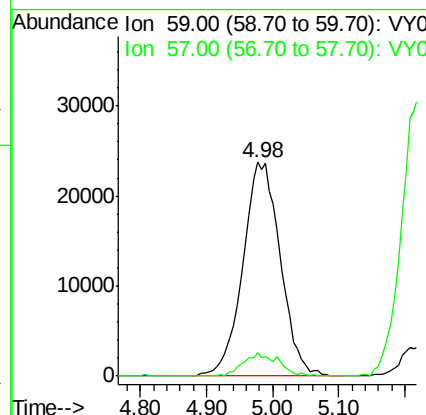
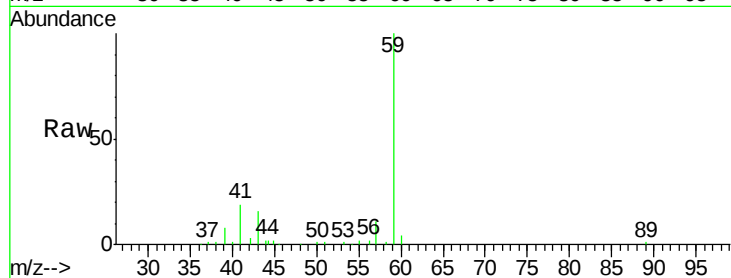
Tert butyl alcohol
Concen: 675.168 ug/l
RT: 4.98 min Scan# 556
Delta R.T. 0.01 min
Lab File: VY000130.D
Acq: 23 Sep 2019 12:54

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tot Ion	59	57	Ratio	100	10.2	Resp	93363	Lower	8.2	Upper	12.4
Ion	59	57	Ratio	100	10.2	Resp	93363	Lower	8.2	Upper	12.4

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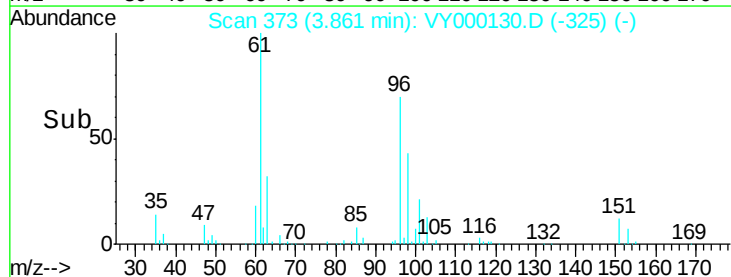
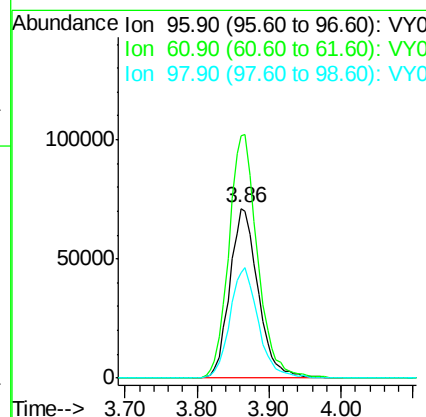
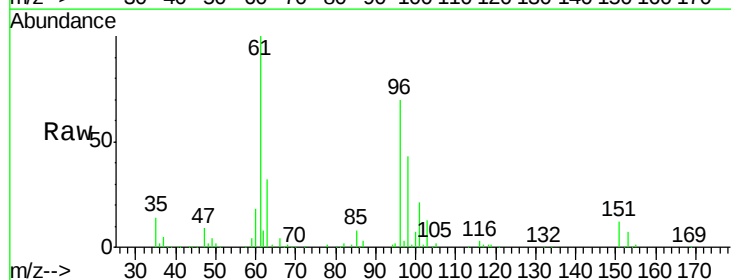
MMDadoda
9/25/2019 12:39:25 AM

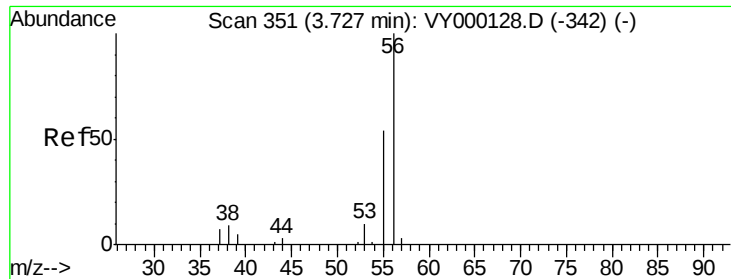


#12

1,1-Dichloroethene
Concen: 139.453 ug/l
RT: 3.86 min Scan# 373
Delta R.T. -0.01 min
Lab File: VY000130.D
Acq: 23 Sep 2019 12:54

Tgt Ion	96	61	98	Ratio	100	142.5	61.8	Resp	195414	Lower	119.8	Upper	179.6	73.2
Ion	96	61	98	Ratio	100	142.5	61.8	Resp	195414	Lower	119.8	Upper	179.6	73.2





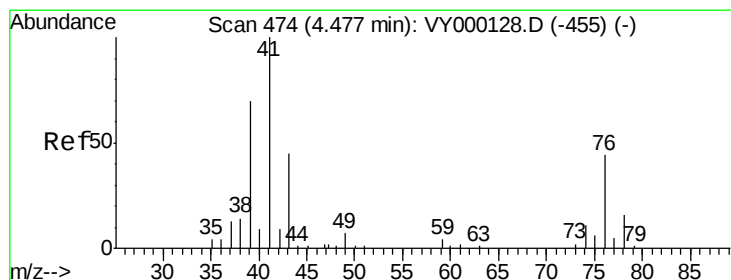
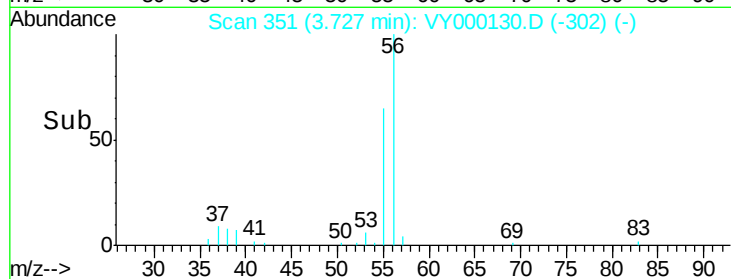
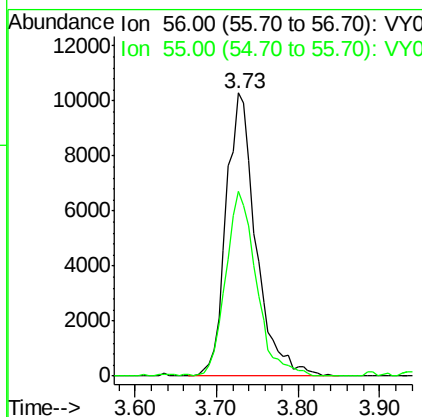
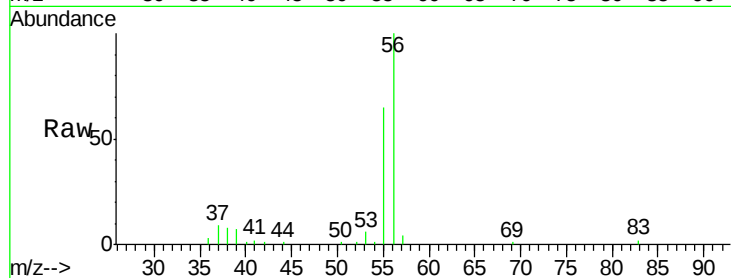
#13
Acrolein
Concen: 461.684 ug/l
RT: 3.73 min Scan# 351
Delta R.T. -0.00 min
Lab File: VY000130.D
Acq: 23 Sep 2019 12:54

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tot Ion	56	55	Ratio	Lower	Upper
25939	100	67.2		49.4	74.0

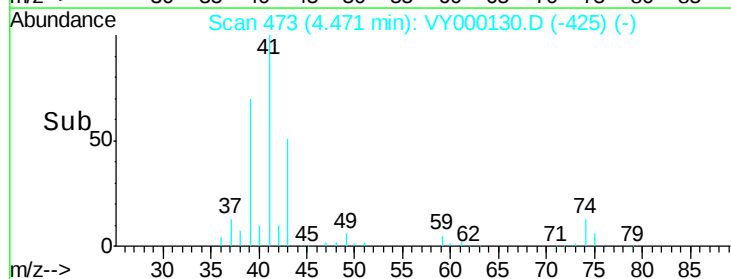
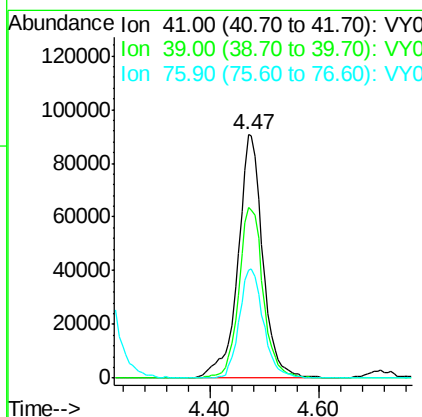
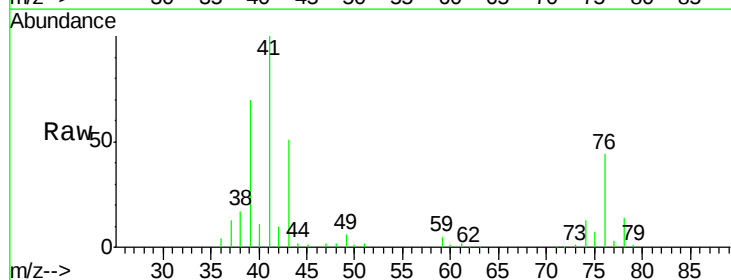
Manual Integrations
APPROVED

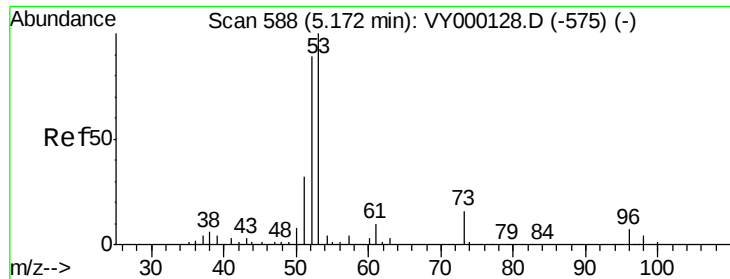
MMDadoda
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#14
Allyl chloride
Concen: 145.188 ug/l
RT: 4.47 min Scan# 473
Delta R.T. -0.01 min
Lab File: VY000130.D
Acq: 23 Sep 2019 12:54

Tgt Ion	41	39	76	Ratio	Lower	Upper
287184	100	69.4	43.9		52.7	79.1





#15

Acrylonitrile

Concen: 728.291 ug/l

RT: 5.17 min Scan# 588

Delta R.T. -0.00 min

Lab File: VY000130.D

Acq: 23 Sep 2019 12:54

Instrument :

MSVOA_Y

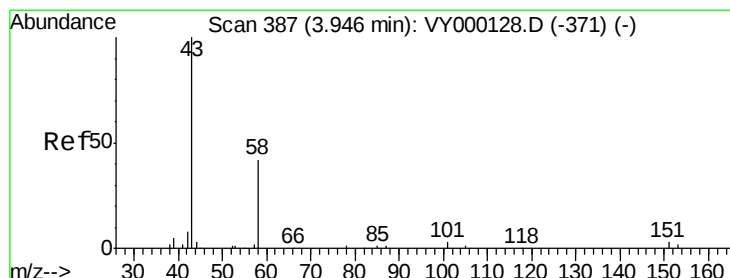
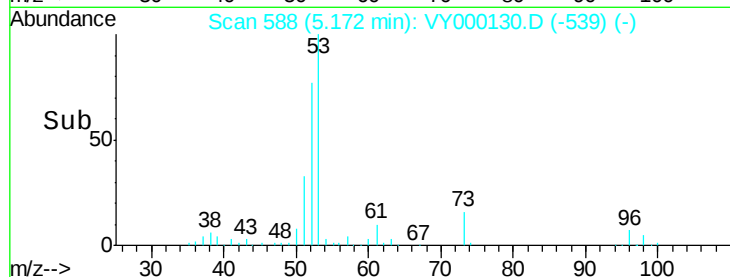
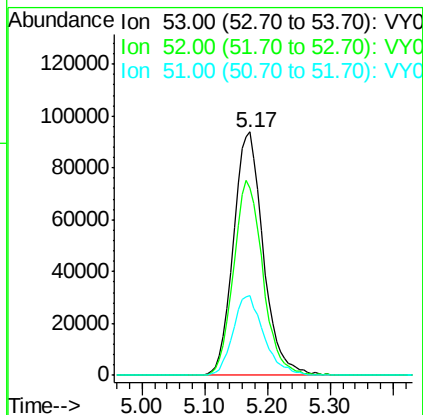
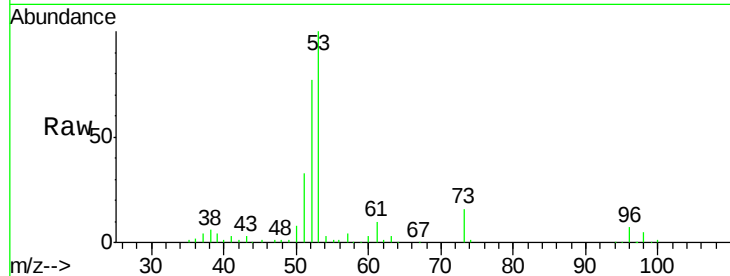
ClientSampleId :

VSTDIC150

Tot Ion:	53	Resp:	309657
Ion Ratio	Lower	Upper	
53	100		
52	78.8	63.8	95.8
51	34.1	26.6	40.0

Manual Integrations
APPROVED

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#16

Acetone

Concen: 735.687 ug/l

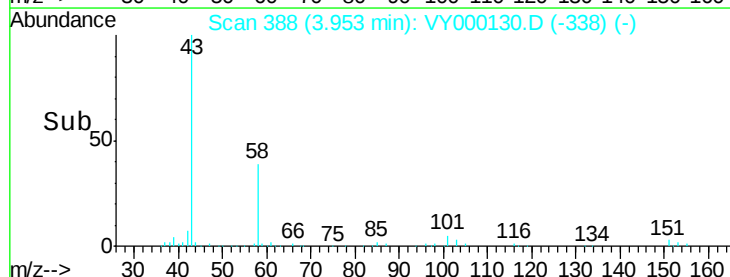
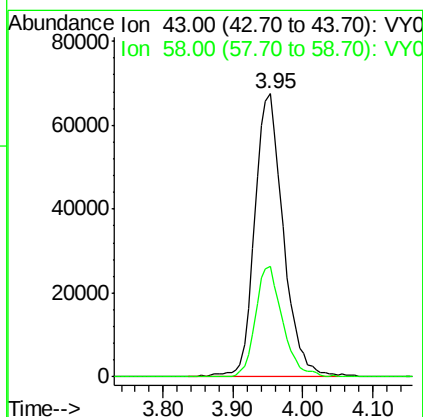
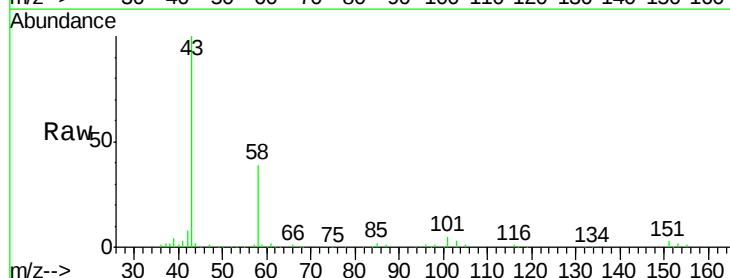
RT: 3.95 min Scan# 388

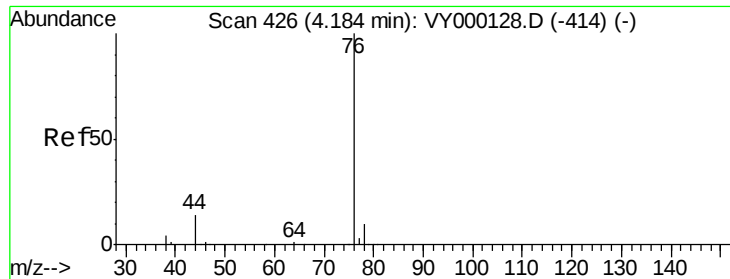
Delta R.T. 0.01 min

Lab File: VY000130.D

Acq: 23 Sep 2019 12:54

Tgt Ion:	43	Resp:	191551
Ion Ratio	Lower	Upper	
43	100		
58	38.9	33.5	50.3





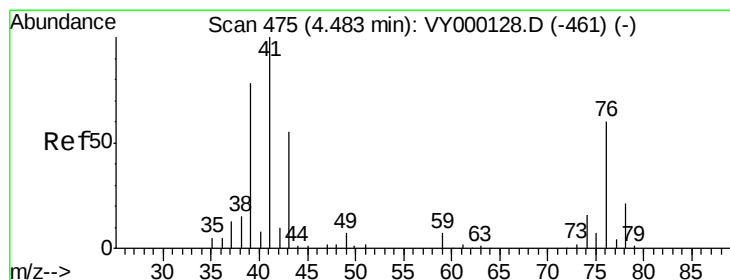
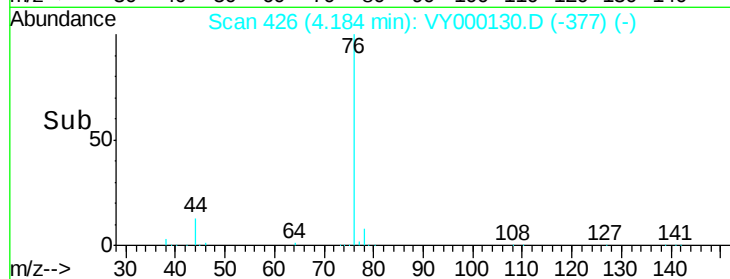
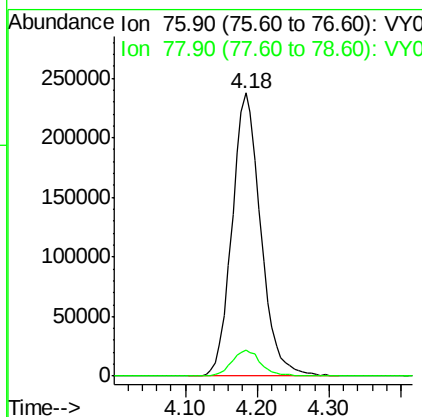
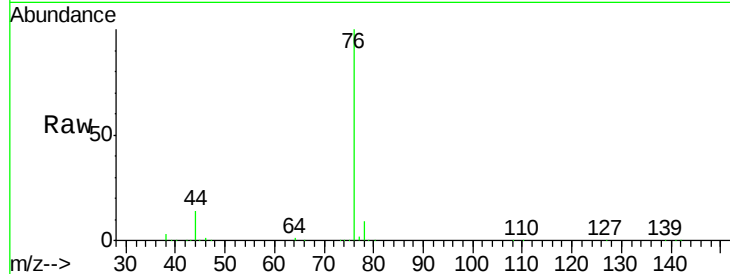
#17
Carbon Disulfide
Concen: 136.152 ug/l
RT: 4.18 min Scan# 426
Delta R.T. -0.00 min
Lab File: VY000130.D
Acq: 23 Sep 2019 12:54

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.0	7.9	11.9

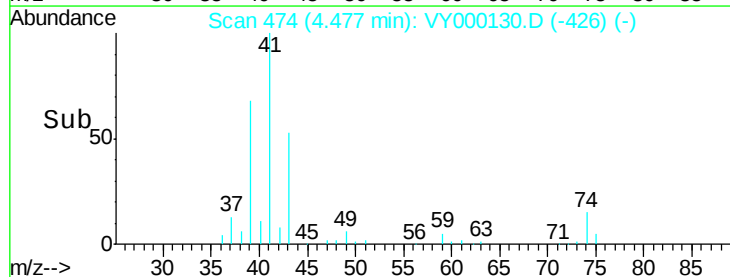
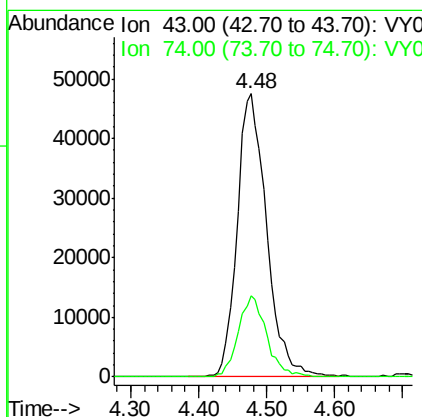
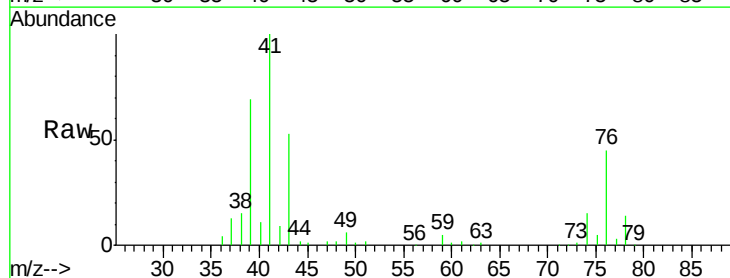
Manual Integrations
APPROVED

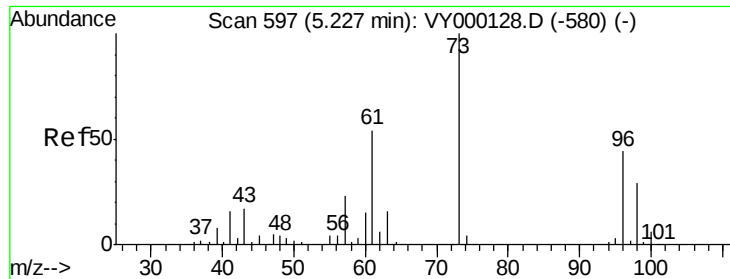
MMDadoda
9/25/2019 12:39:25 AM



#18
Methyl Acetate
Concen: 149.072 ug/l
RT: 4.48 min Scan# 474
Delta R.T. -0.01 min
Lab File: VY000130.D
Acq: 23 Sep 2019 12:54

Tgt Ion	Ratio	Lower	Upper
43	100		
74	27.7	22.7	34.1





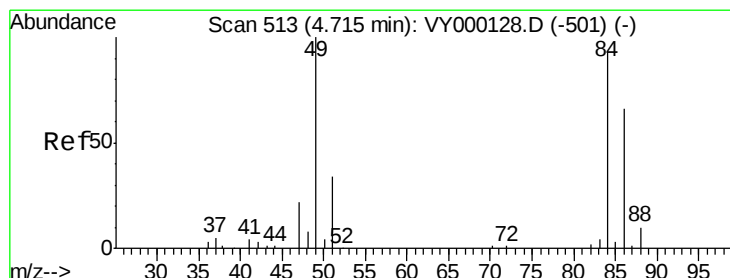
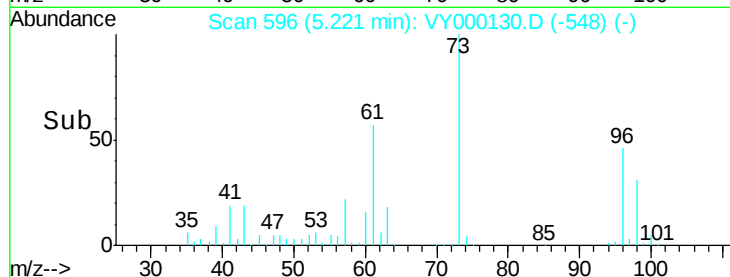
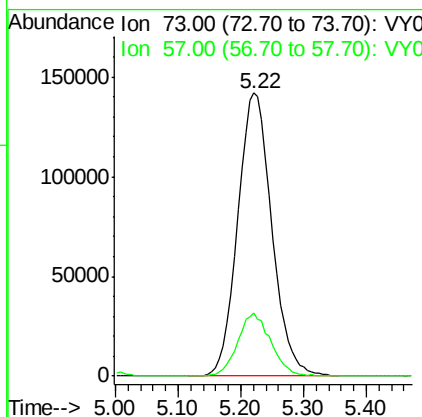
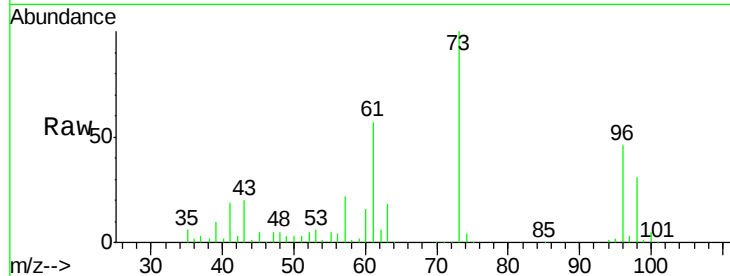
#19
Methvl tert-butvl Ether
Concen: 146.756 ug/l
RT: 5.22 min Scan# 596
Delta R.T. -0.01 min
Lab File: VY000130.D
Acq: 23 Sep 2019 12:54

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tot Ion: 73 Resp: 534373
Ion Ratio Lower Upper
73 100
57 22.1 18.3 27.5

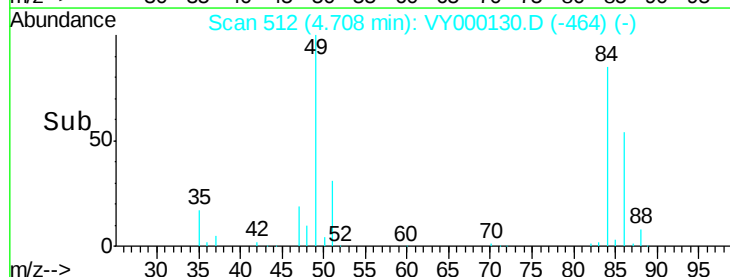
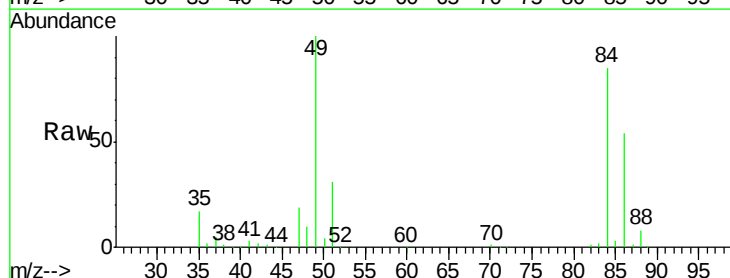
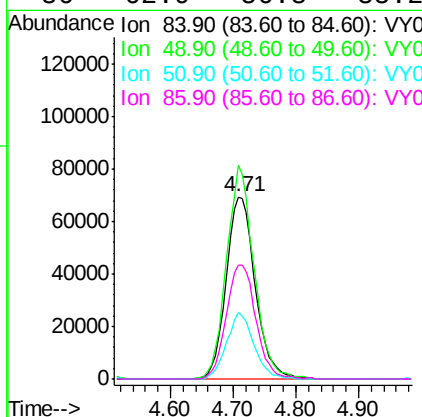
Manual Integrations
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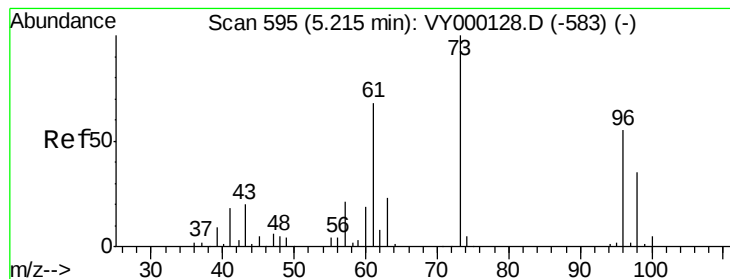
MMDadoda
9/25/2019 12:39:25 AM



#20
Methylene Chloride
Concen: 127.179 ug/l
RT: 4.71 min Scan# 512
Delta R.T. -0.01 min
Lab File: VY000130.D
Acq: 23 Sep 2019 12:54

Tgt Ion: 84 Resp: 222529
Ion Ratio Lower Upper
84 100
49 117.3 85.8 128.6
51 36.3 29.2 43.8
86 62.9 56.8 85.2





#21

trans-1,2-Dichloroethene

Concen: 138.139 ug/l

RT: 5.21 min Scan# 594

Delta R.T. -0.01 min

Lab File: VY000130.D

Acq: 23 Sep 2019 12:54

Instrument :

MSVOA_Y

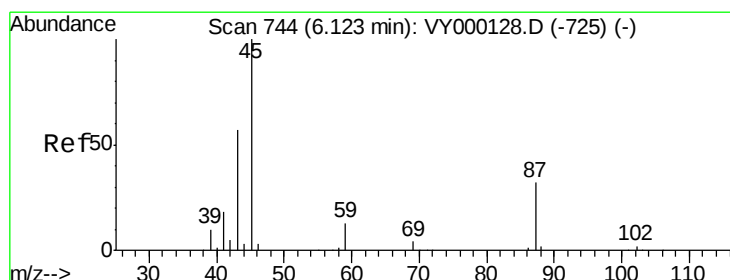
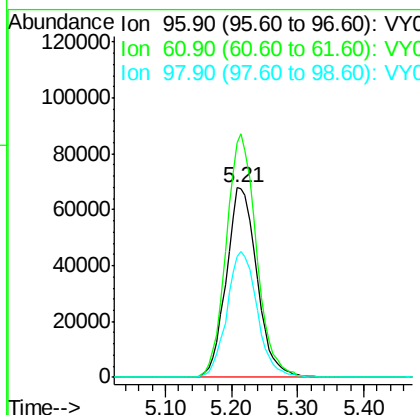
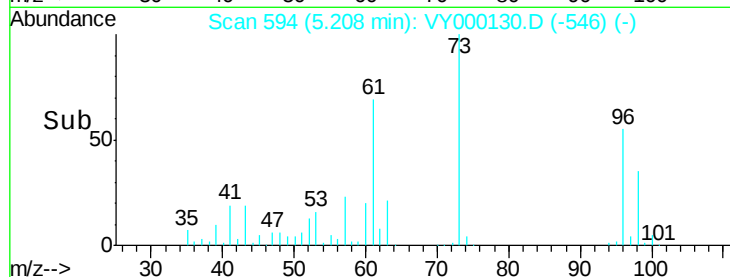
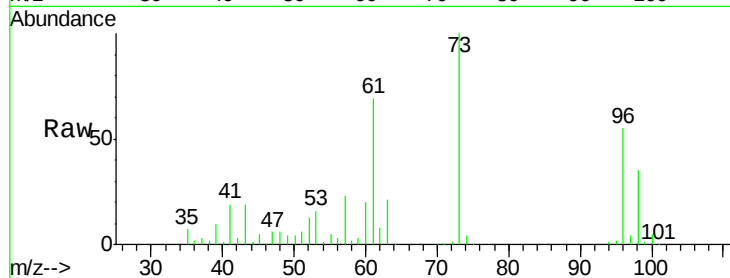
ClientSampleId :

VSTDIC150

Tot Ion:	96	Resp:	218297
Ion	Ratio	Lower	Upper
96	100		
61	123.9	99.0	148.6
98	63.5	51.0	76.4

Manual Integrations
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#22

Diisopropyl ether

Concen: 147.485 ug/l

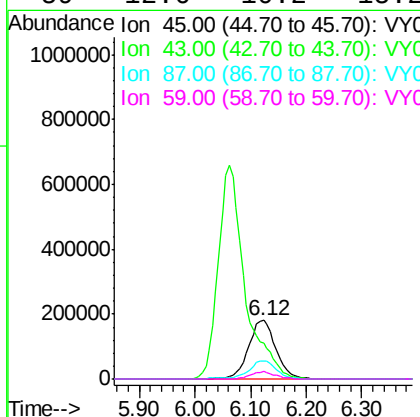
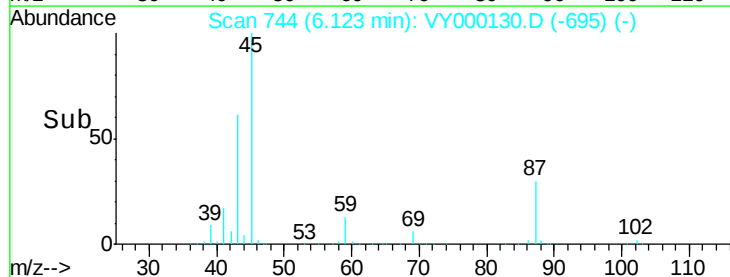
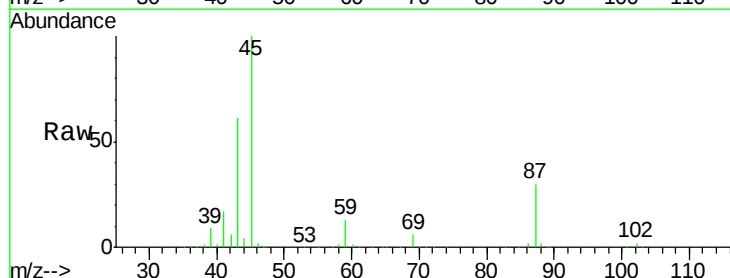
RT: 6.12 min Scan# 744

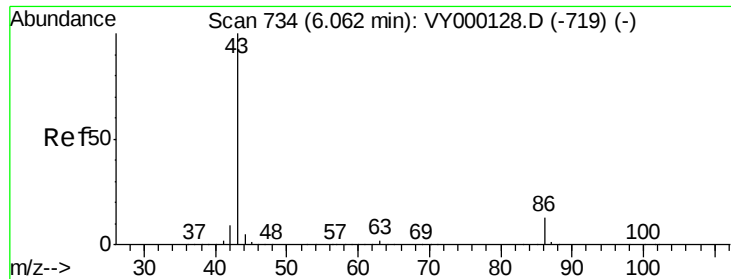
Delta R.T. -0.00 min

Lab File: VY000130.D

Acq: 23 Sep 2019 12:54

Tgt Ion:	45	Resp:	621982
Ion	Ratio	Lower	Upper
45	100		
43	61.0	48.2	72.4
87	30.3	25.9	38.9
59	12.6	10.2	15.2





#23

Vinyl Acetate

Concen: 778.875 ug/l

RT: 6.06 min Scan# 734

Delta R.T. -0.00 min

Lab File: VY000130.D

Acq: 23 Sep 2019 12:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

Tot Ion: 43 Resp: 2189033

Ion Ratio Lower Upper

43 100

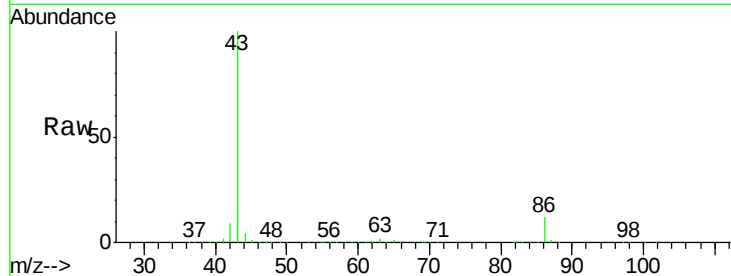
86 11.7 10.6 16.0

Manual Integrations

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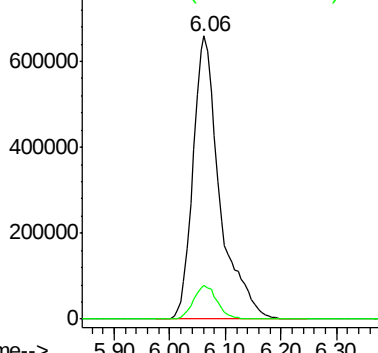
MMDadoda

9/25/2019 12:39:25 AM

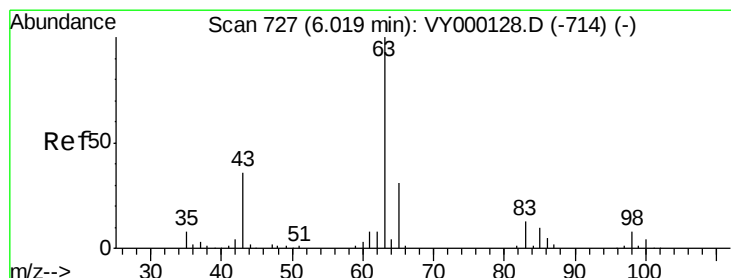
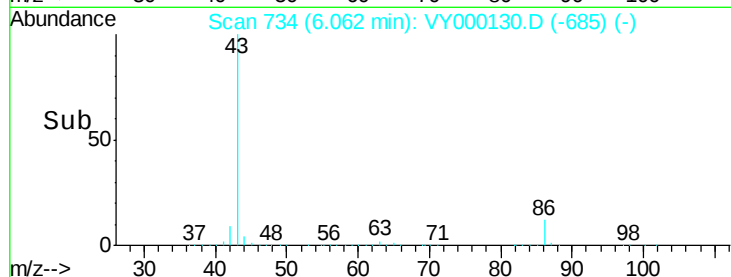


Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0



Time-->



#24

1,1-Dichloroethane

Concen: 139.323 ug/l

RT: 6.02 min Scan# 727

Delta R.T. -0.00 min

Lab File: VY000130.D

Acq: 23 Sep 2019 12:54

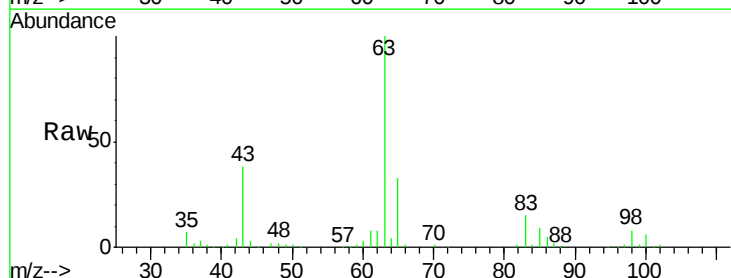
Tgt Ion: 63 Resp: 350018

Ion Ratio Lower Upper

63 100

98 8.0 3.9 11.7

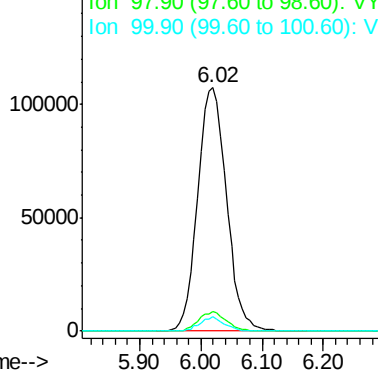
100 6.0 2.2 6.6



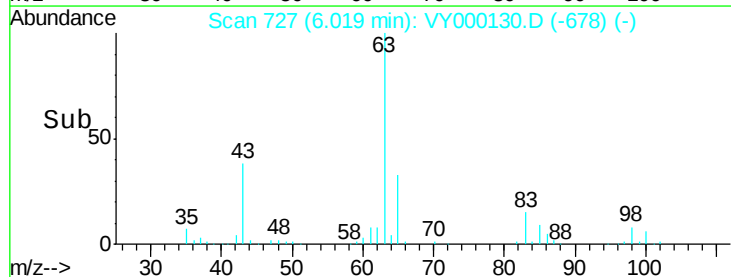
Abundance Ion 62.90 (62.60 to 63.60): VY0

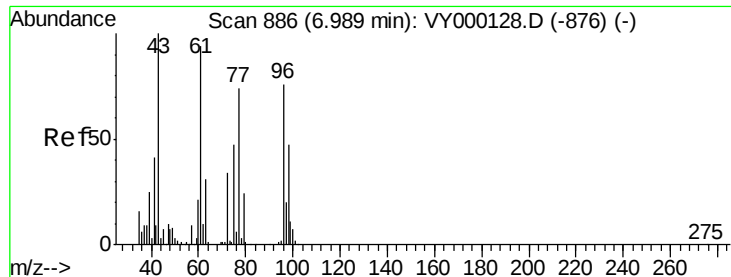
Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0



Time-->





#25

2-Butanone

Concen: 737.265 ug/l

RT: 6.99 min Scan# 887

Delta R.T. 0.01 min

Lab File: VY000130.D

Acq: 23 Sep 2019 12:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

Tot Ion: 43 Resp: 356150

Ion Ratio Lower Upper

43 100

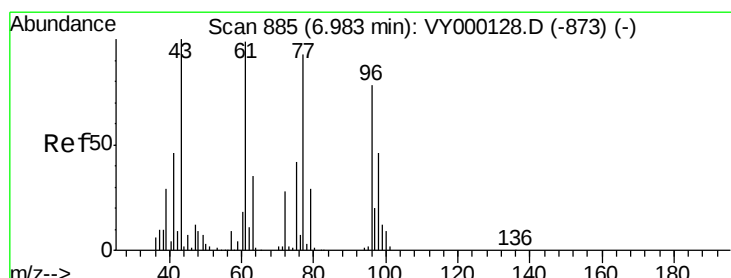
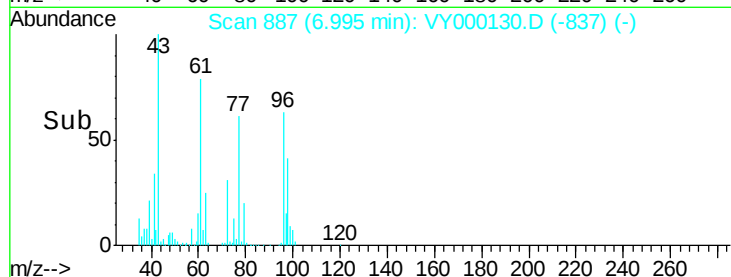
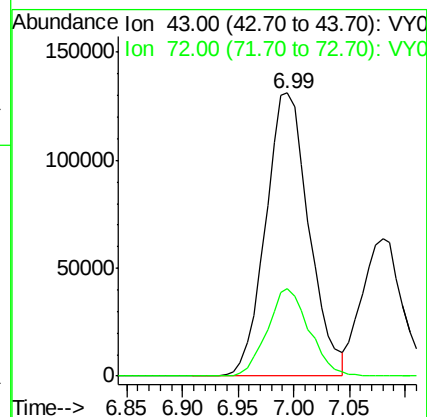
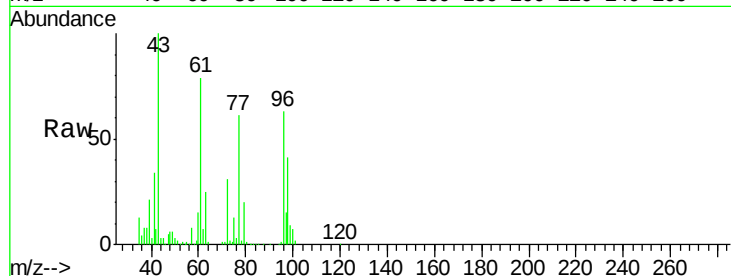
72 31.1 27.0 40.6

Manual Integrations

APPROVED

MMDadoda

9/25/2019 12:39:25 AM



#26

2,2-Dichloropropane

Concen: 134.053 ug/l

RT: 6.98 min Scan# 885

Delta R.T. -0.00 min

Lab File: VY000130.D

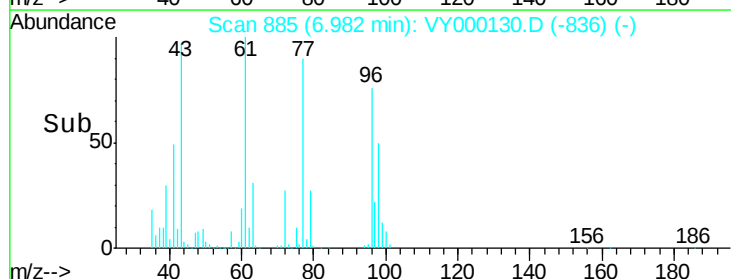
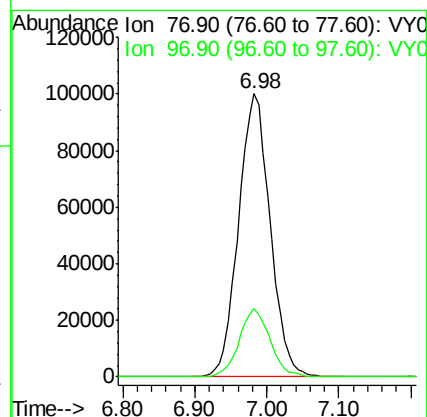
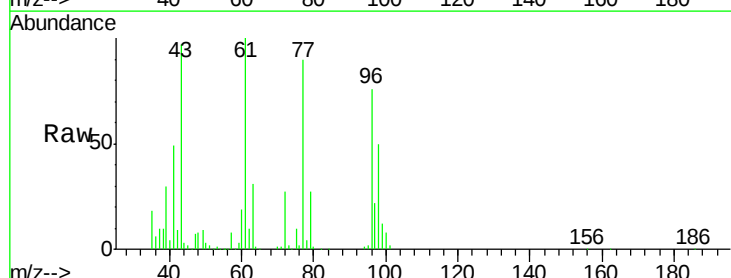
Acq: 23 Sep 2019 12:54

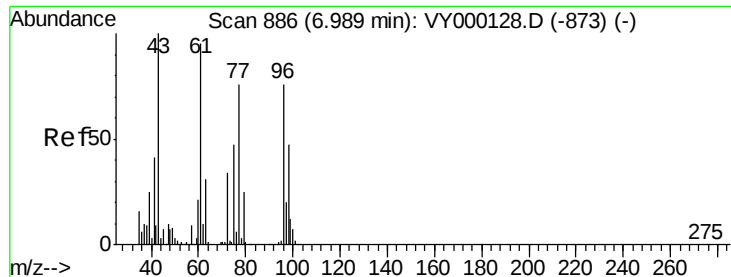
Tgt Ion: 77 Resp: 305201

Ion Ratio Lower Upper

77 100

97 23.5 12.0 36.0





#27

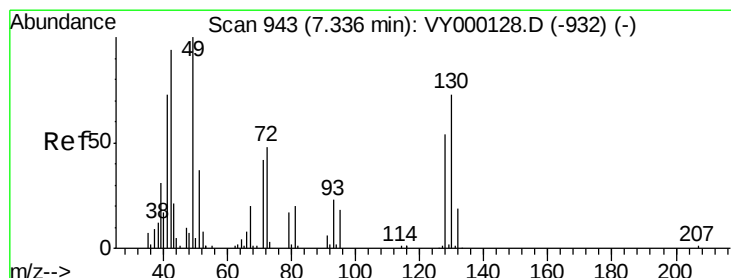
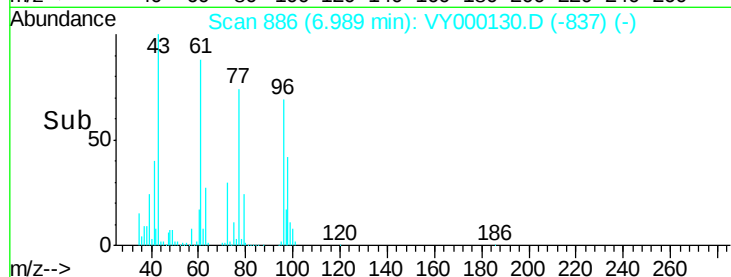
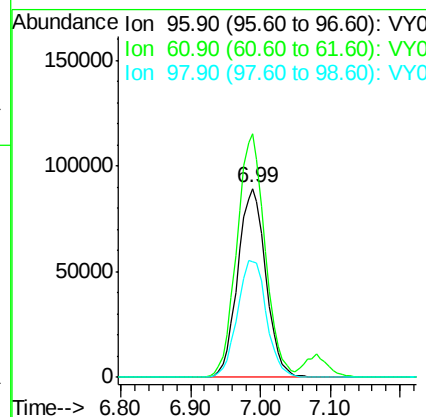
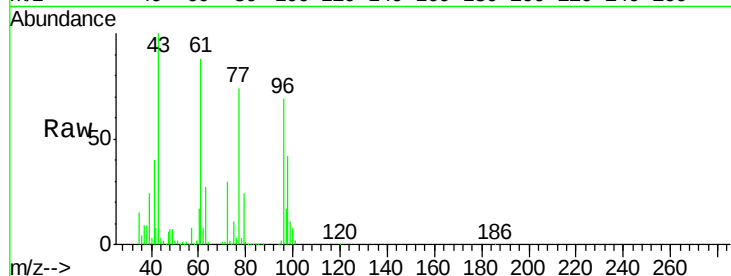
cis-1,2-Dichloroethene
Concen: 141.668 ug/l
RT: 6.99 min Scan# 886
Delta R.T. -0.00 min
Lab File: VY000130.D
Acq: 23 Sep 2019 12:54

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Resp	Lower	Upper
96	100	249171		
61	129.6	0.0	254.8	
98	64.0	0.0	127.8	

Manual Integrations
APPROVED

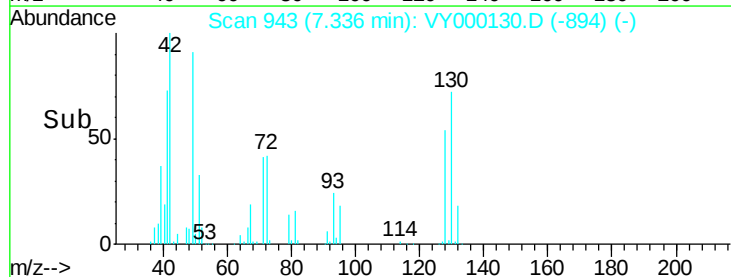
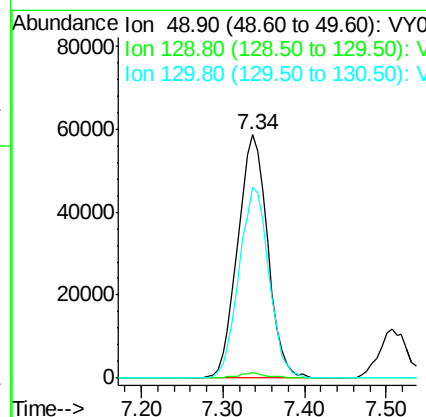
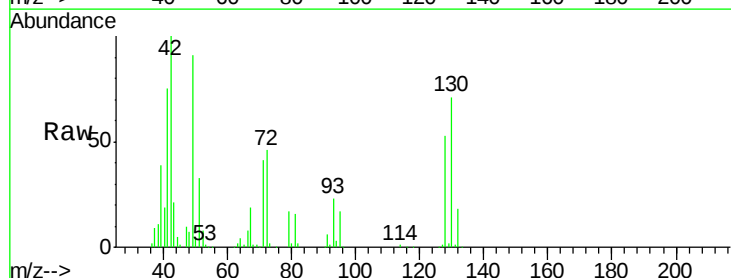
MMDadoda
9/25/2019 12:39:25 AM

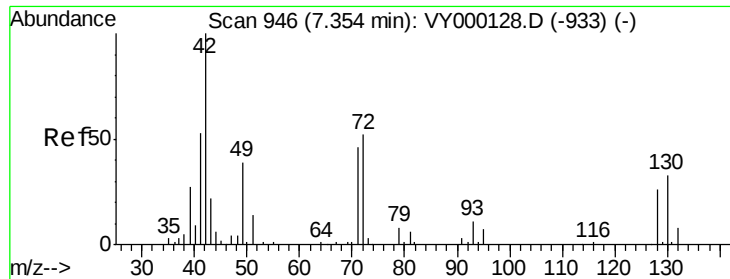


#28

Bromochloromethane
Concen: 151.590 ug/l
RT: 7.34 min Scan# 943
Delta R.T. -0.00 min
Lab File: VY000130.D
Acq: 23 Sep 2019 12:54

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	148822		
129	2.0	0.0	3.4	
130	78.4	62.0	93.0	





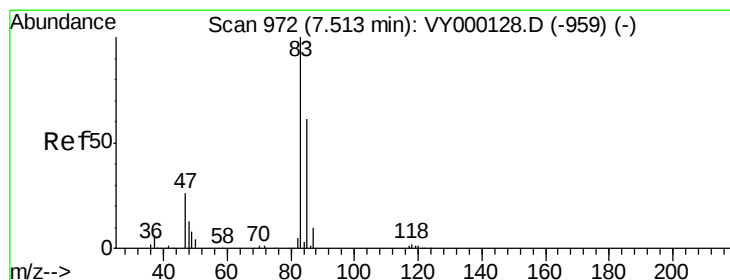
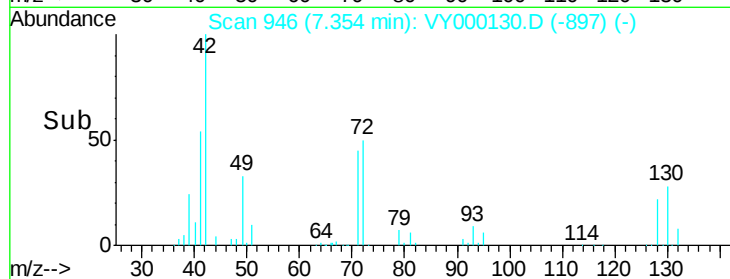
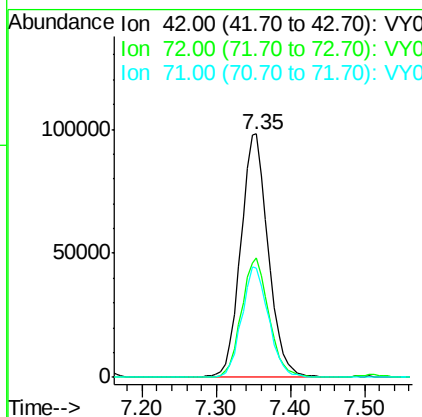
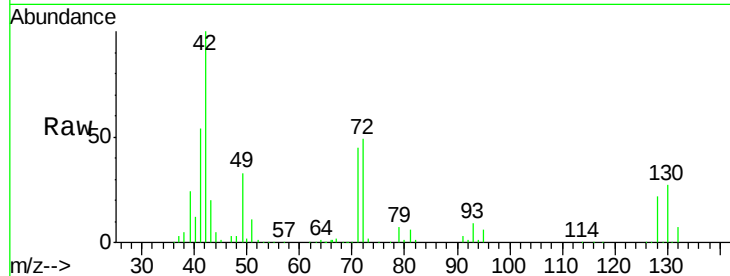
#29
Tetrahydrofuran
Concen: 778.784 ug/l
RT: 7.35 min Scan# 946
Delta R.T. -0.00 min
Lab File: VY000130.D
Acq: 23 Sep 2019 12:54

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
42	100		
72	48.8	41.8	62.8
71	44.3	38.6	58.0

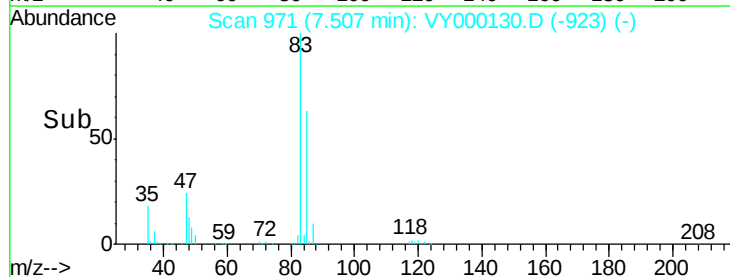
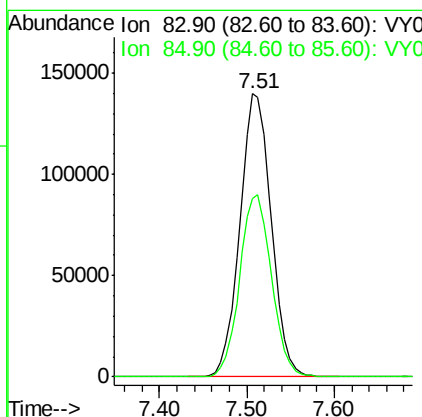
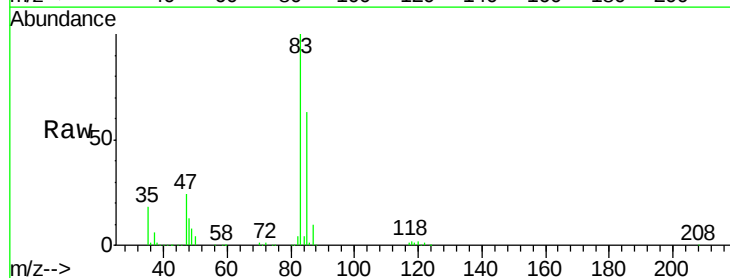
Manual Integrations
APPROVED

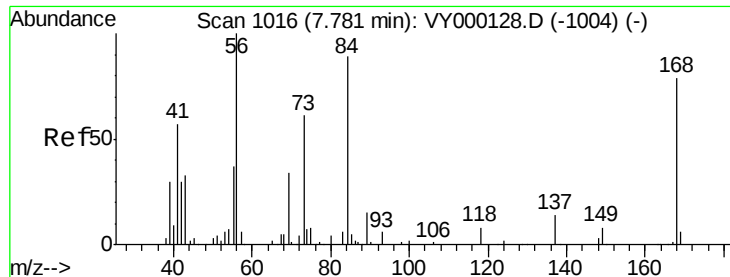
MMDadoda
9/25/2019 12:39:25 AM



#30
Chloroform
Concen: 137.519 ug/l
RT: 7.51 min Scan# 971
Delta R.T. -0.01 min
Lab File: VY000130.D
Acq: 23 Sep 2019 12:54

Tgt Ion	Ratio	Lower	Upper
83	100		
85	62.9	49.0	73.6





#31

Cyclohexane

Concen: 131.536 ug/l

RT: 7.78 min Scan# 1016

Delta R.T. -0.00 min

Lab File: VY000130.D

Acq: 23 Sep 2019 12:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

Tot Ion: 56 Resp: 342668

Ion Ratio Lower Upper

56 100

69 34.2 27.1 40.7

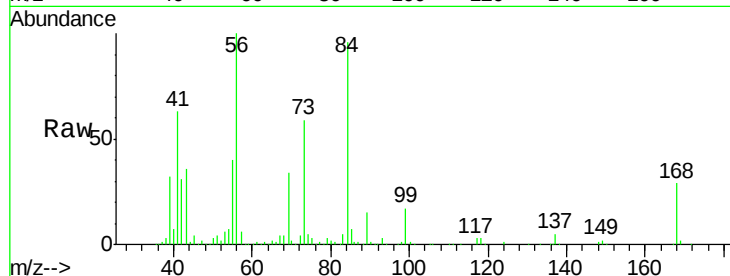
84 93.7 71.3 106.9

Manual Integrations

APPROVED

MMDadoda

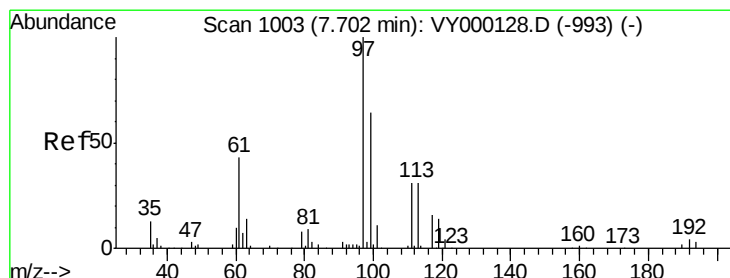
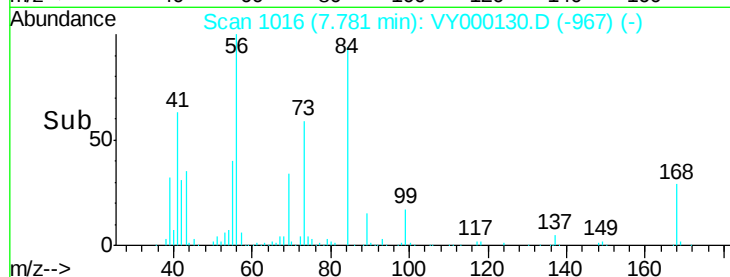
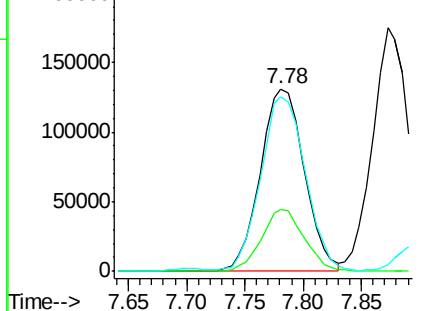
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Abundance Ion 56.00 (55.70 to 56.70): VY0

Ion 69.00 (68.70 to 69.70): VY0

Ion 84.00 (83.70 to 84.70): VY0



#32

1,1,1-Trichloroethane

Concen: 144.360 ug/l

RT: 7.70 min Scan# 1003

Delta R.T. -0.00 min

Lab File: VY000130.D

Acq: 23 Sep 2019 12:54

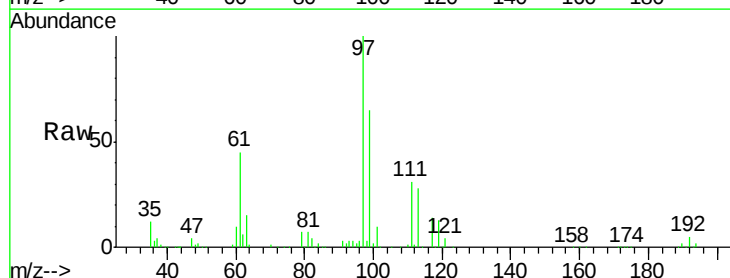
Tgt Ion: 97 Resp: 300384

Ion Ratio Lower Upper

97 100

99 64.1 51.3 76.9

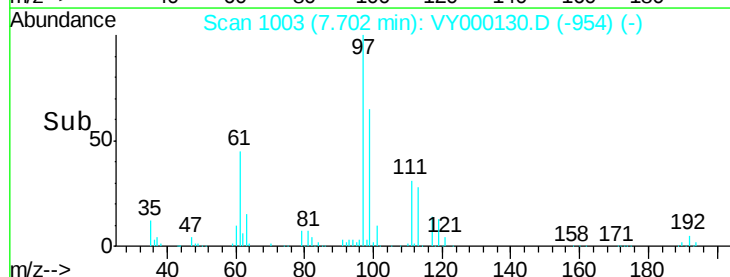
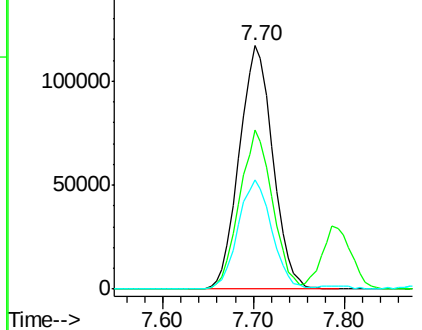
61 45.1 36.0 54.0

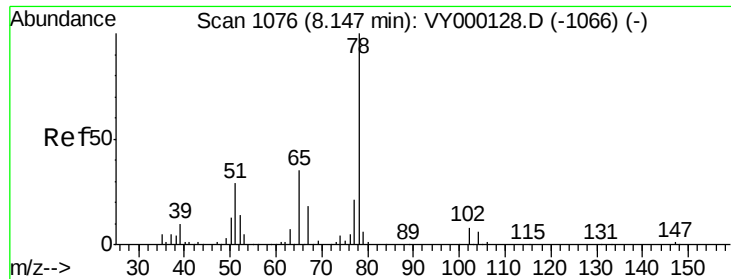


Abundance Ion 96.90 (96.60 to 97.60): VY0

Ion 98.90 (98.60 to 99.60): VY0

Ion 60.90 (60.60 to 61.60): VY0





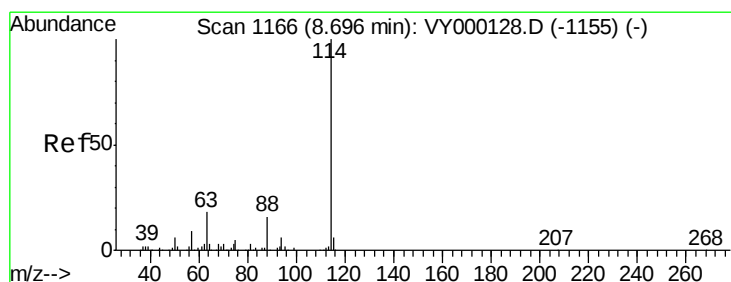
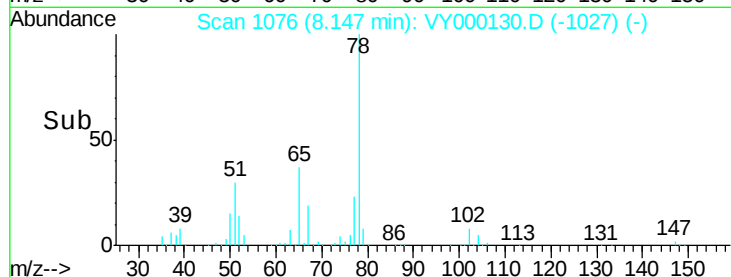
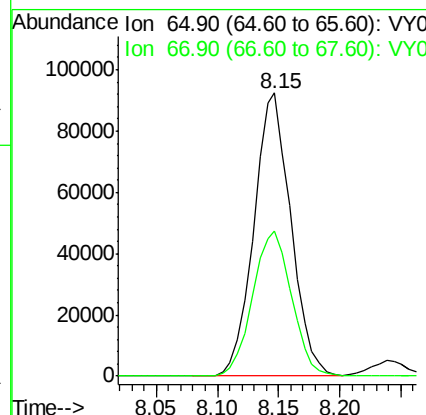
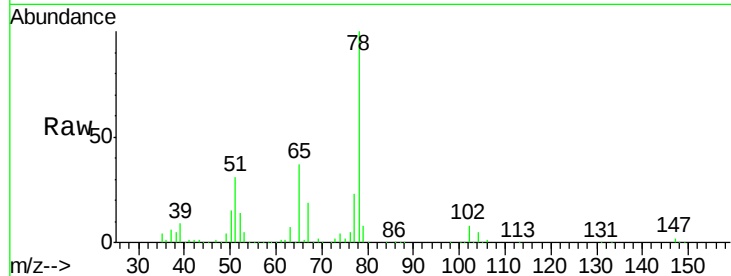
#33
 1,2-Dichloroethane-d4
 Concen: 145.466 ug/l
 RT: 8.15 min Scan# 1076
 Delta R.T. -0.00 min
 Lab File: VY000130.D
 Acq: 23 Sep 2019 12:54

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Resp	Lower	Upper
65	100	194834		
67	53.8	0.0	109.6	

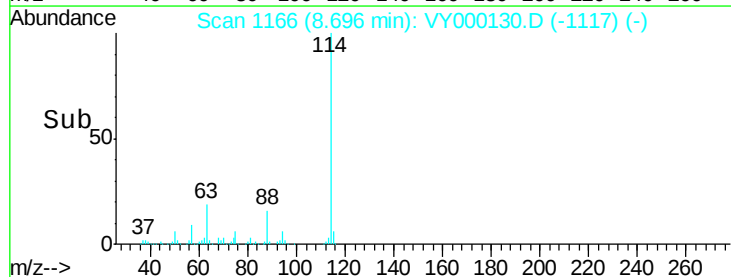
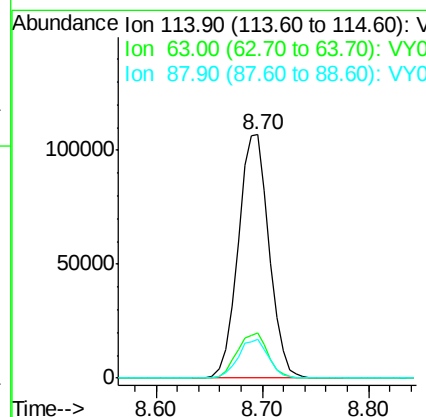
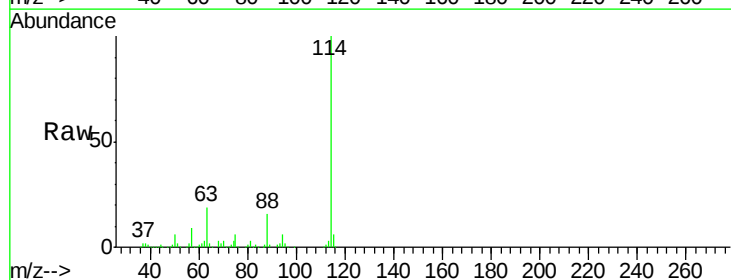
Manual Integrations
 APPROVED

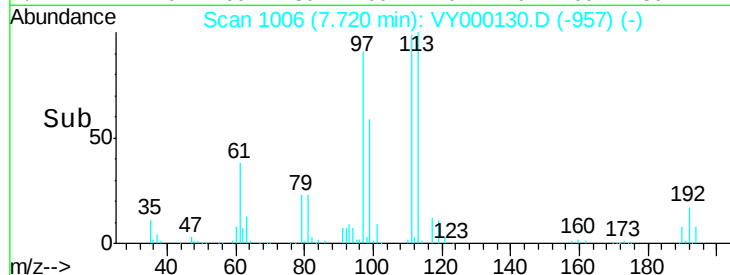
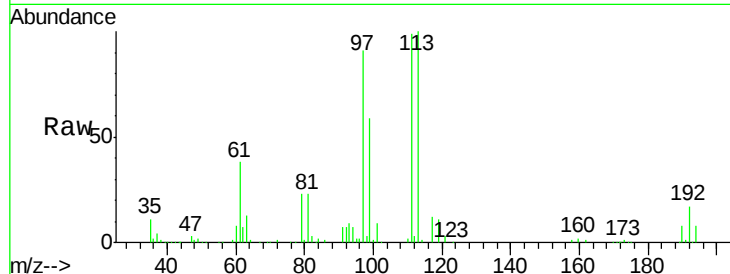
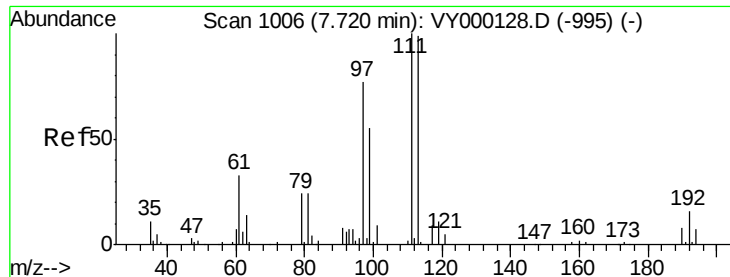
MMDadoda
 9/25/2019 12:39:25 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1166
 Delta R.T. -0.00 min
 Lab File: VY000130.D
 Acq: 23 Sep 2019 12:54

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	217466		
63	18.6	0.0	35.6	
88	15.7	0.0	31.8	





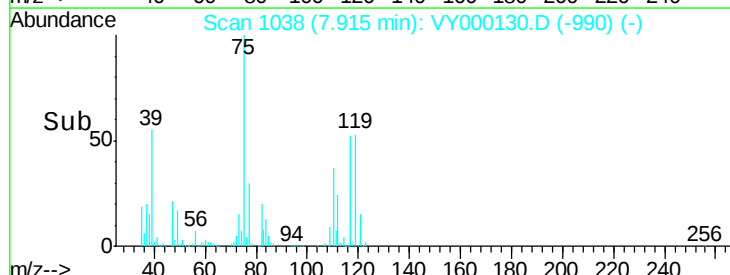
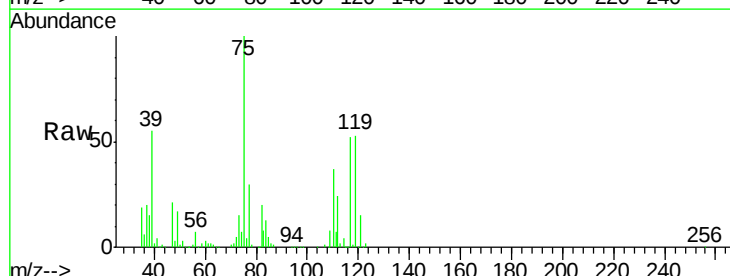
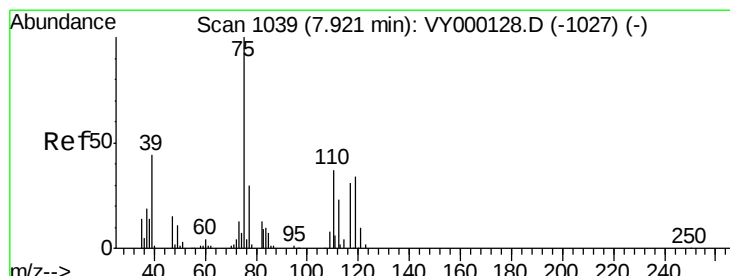
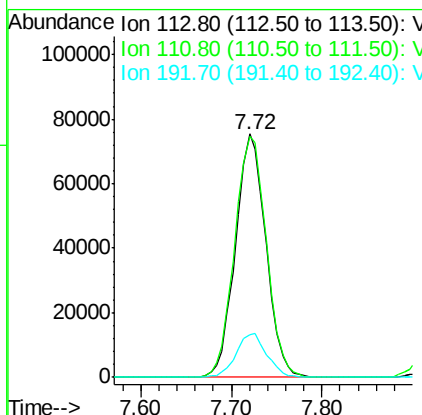
#35
Dibromofluoromethane
Concen: 140.341 ug/l
RT: 7.72 min Scan# 1006
Delta R.T. -0.00 min
Lab File: VY000130.D
Acq: 23 Sep 2019 12:54

Tot Ion	Ratio	Resp	Lower	Upper
113	100	175241		
111	103.5	83.0	124.4	
192	18.2	13.5	20.3	

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

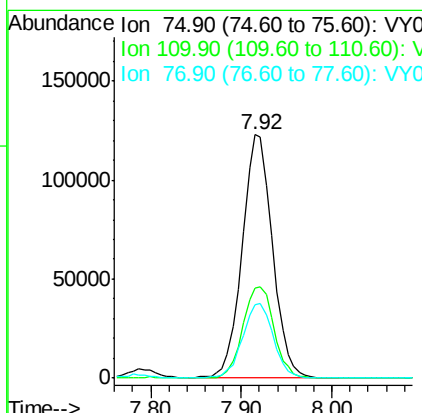
Manual Integrations
APPROVED

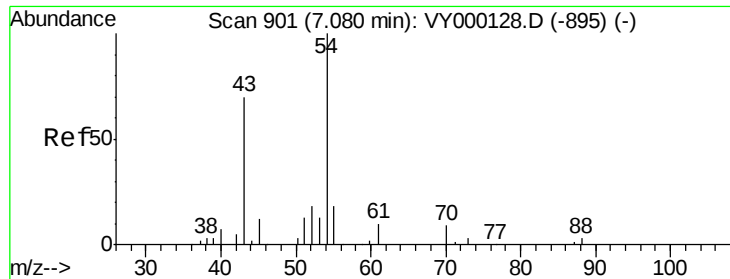
MMDadoda
9/25/2019 12:39:25 AM



#36
1,1-Dichloropropene
Concen: 141.117 ug/l
RT: 7.92 min Scan# 1038
Delta R.T. -0.01 min
Lab File: VY000130.D
Acq: 23 Sep 2019 12:54

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	284147		
110	38.4	19.1	57.3	
77	31.1	24.7	37.1	





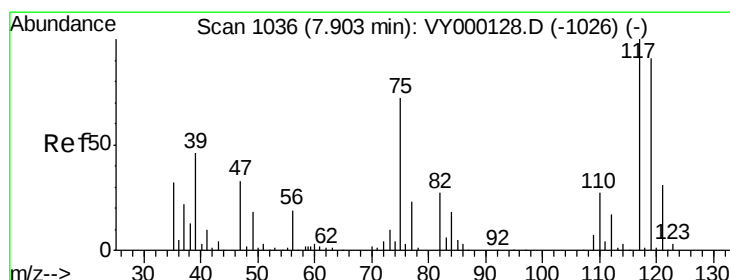
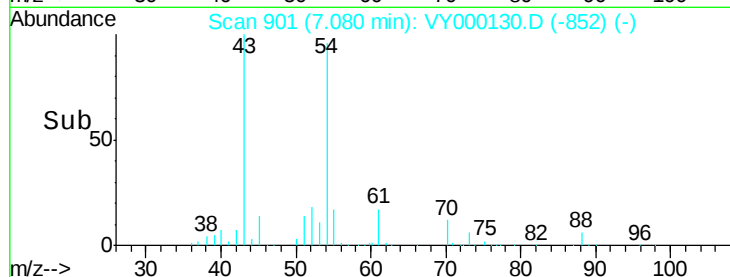
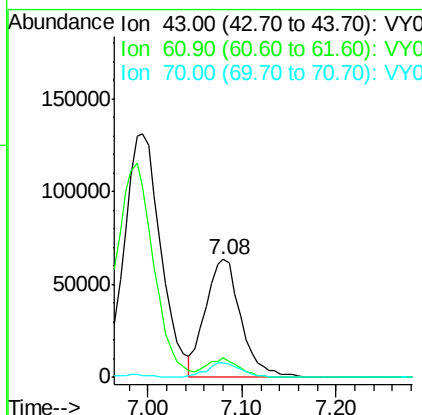
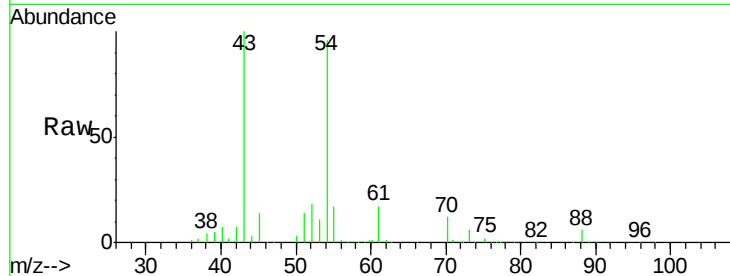
#37
Ethyl Acetate
Concen: 156.227 ug/l
RT: 7.08 min Scan# 901
Delta R.T. -0.00 min
Lab File: VY000130.D
Acq: 23 Sep 2019 12:54

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.1	12.1	18.1
70	11.9	10.0	15.0

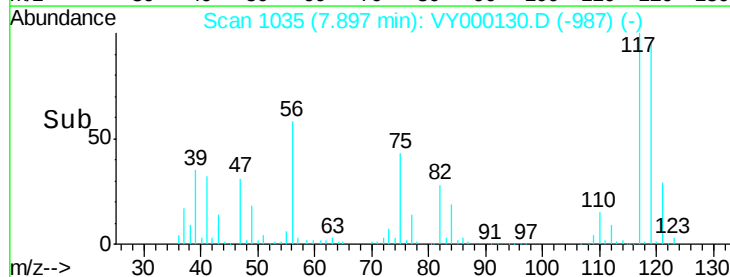
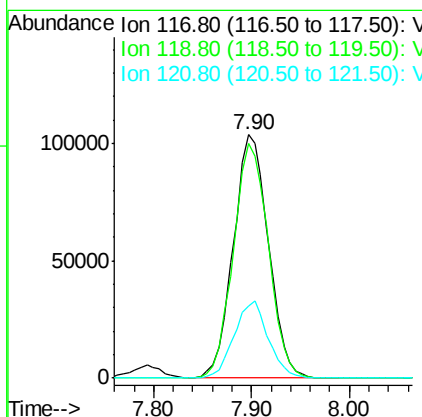
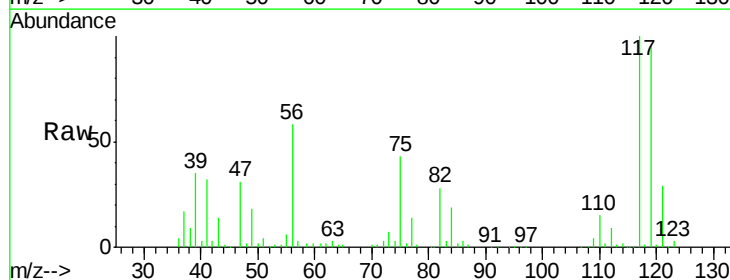
Manual Integrations
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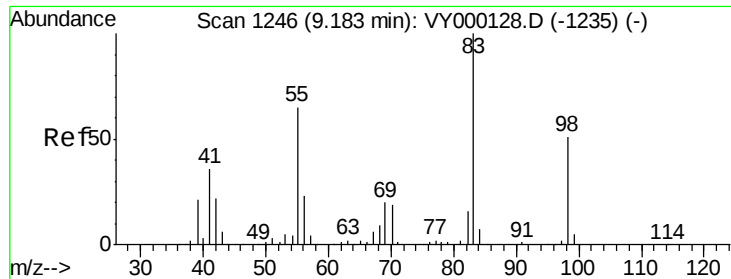
MMDadoda
9/25/2019 12:39:25 AM



#38
Carbon Tetrachloride
Concen: 149.885 ug/l
RT: 7.90 min Scan# 1035
Delta R.T. -0.01 min
Lab File: VY000130.D
Acq: 23 Sep 2019 12:54

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.4	72.6	108.8
121	29.4	24.3	36.5





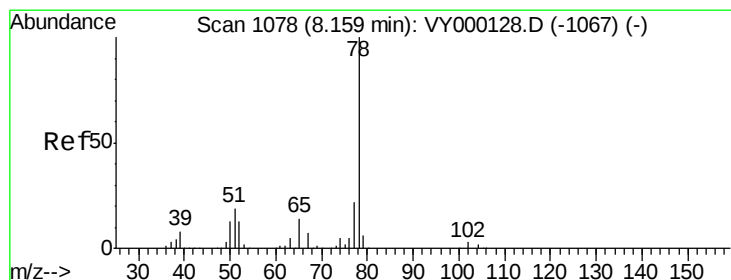
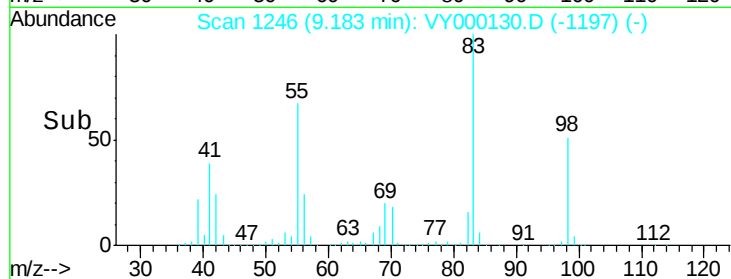
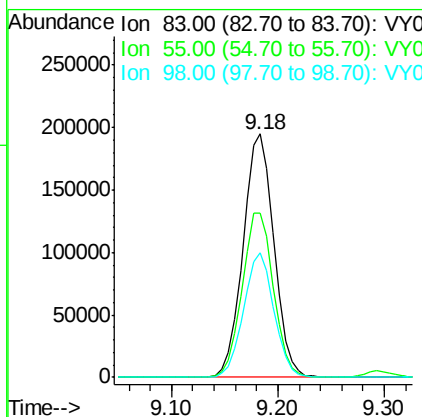
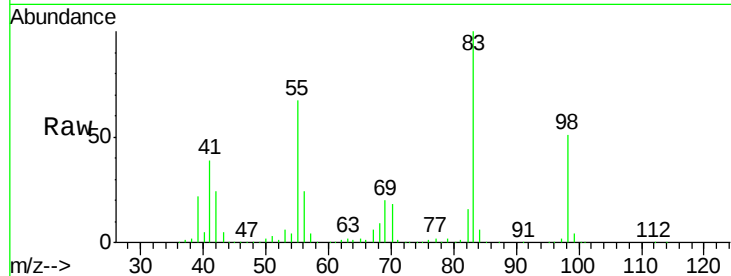
#39
Methvlcvclohexane
Concen: 143.222 ug/l
RT: 9.18 min Scan# 1246
Delta R.T. -0.00 min
Lab File: VY000130.D
Acq: 23 Sep 2019 12:54

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Resp	Lower	Upper
83	100			
55	67.2	52.3	78.5	
98	51.2	40.6	61.0	

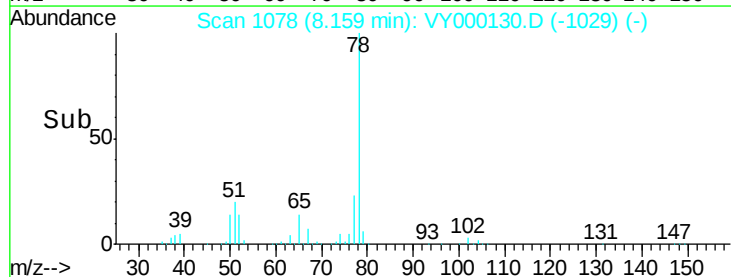
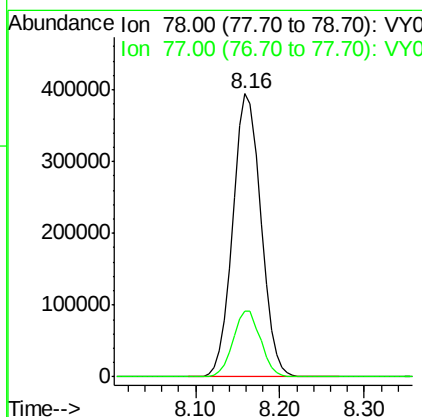
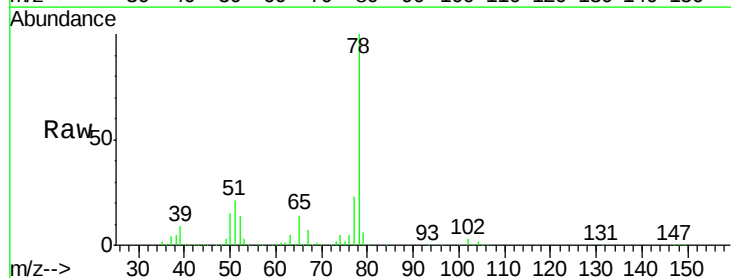
Manual Integrations
APPROVED

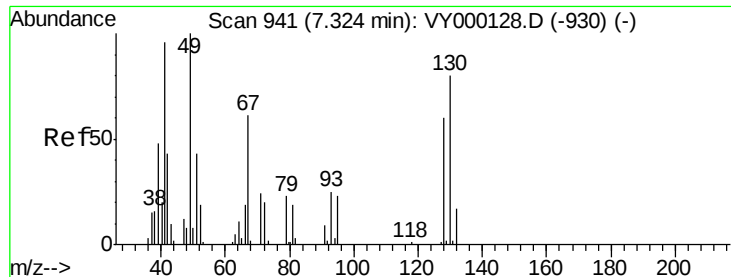
MMDadoda
9/25/2019 12:39:25 AM



#40
Benzene
Concen: 143.056 ug/l
RT: 8.16 min Scan# 1078
Delta R.T. -0.00 min
Lab File: VY000130.D
Acq: 23 Sep 2019 12:54

Tgt Ion	Ratio	Resp	Lower	Upper
78	100			
77	23.2	17.9	26.9	





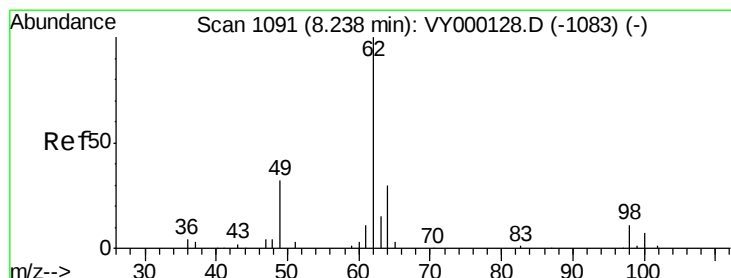
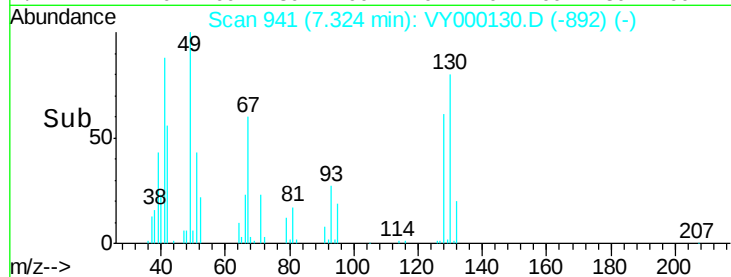
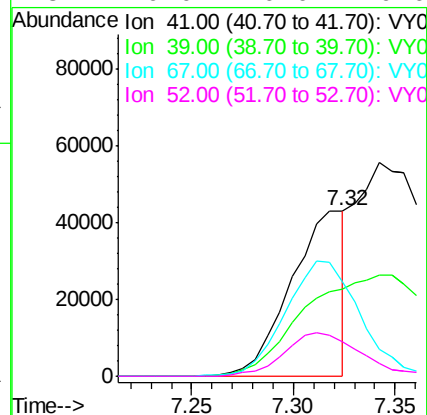
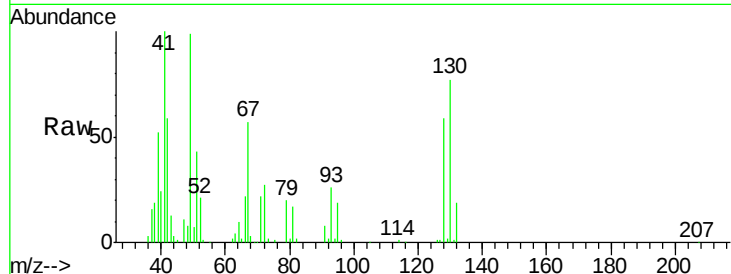
#41
Methacrylonitrile
Concen: 94.890 ug/l m
RT: 7.32 min Scan# 941
Delta R.T. -0.00 min
Lab File: VY000130.D
Acq: 23 Sep 2019 12:54

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
41	100		
39	141.9	53.4	80.0#
67	0.0	0.0	0.0
52	0.0	0.0	0.0

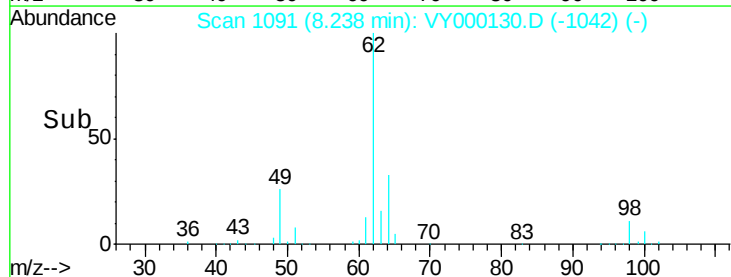
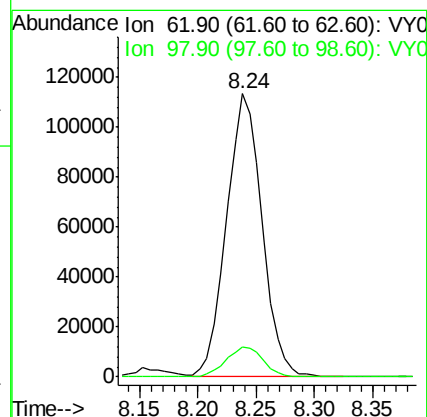
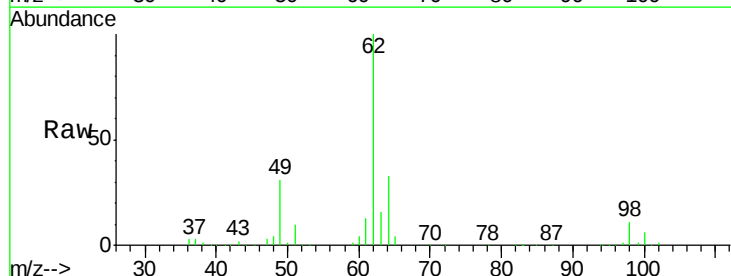
Manual Integrations
APPROVED

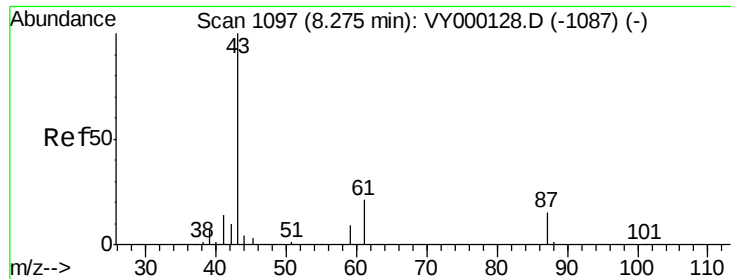
MMDadoda
9/25/2019 12:39:25 AM



#42
1,2-Dichloroethane
Concen: 151.284 ug/l
RT: 8.24 min Scan# 1091
Delta R.T. -0.00 min
Lab File: VY000130.D
Acq: 23 Sep 2019 12:54

Tgt Ion	Ratio	Lower	Upper
62	100		
98	10.9	0.0	22.4





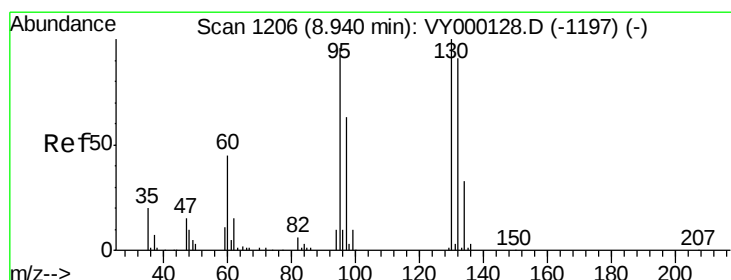
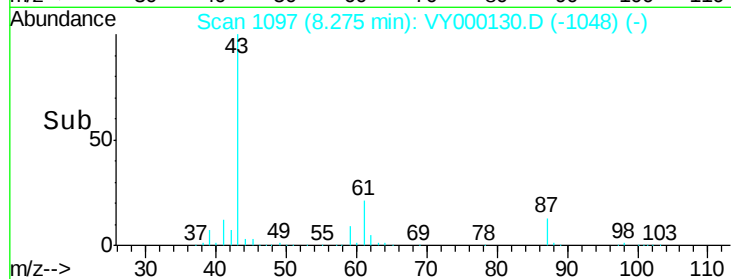
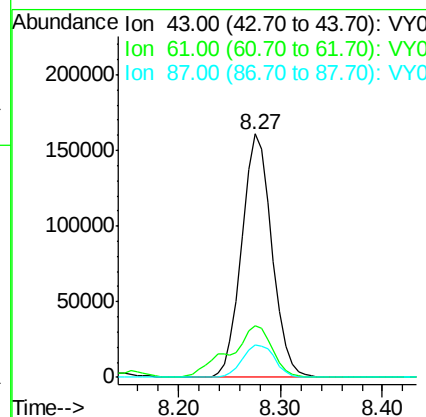
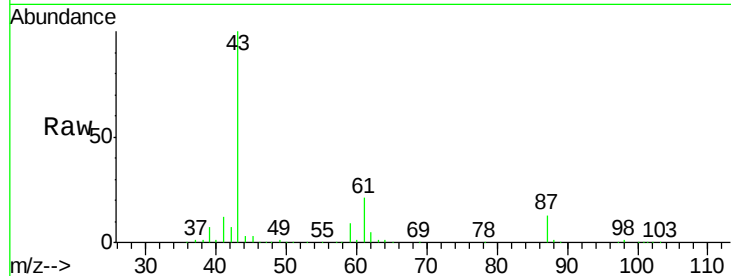
#43
Isopropyl Acetate
Concen: 154.487 ug/l
RT: 8.27 min Scan# 1097
Delta R.T. -0.00 min
Lab File: VY000130.D
Acq: 23 Sep 2019 12:54

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
43	100		
61	30.0	24.6	37.0
87	14.5	12.5	18.7

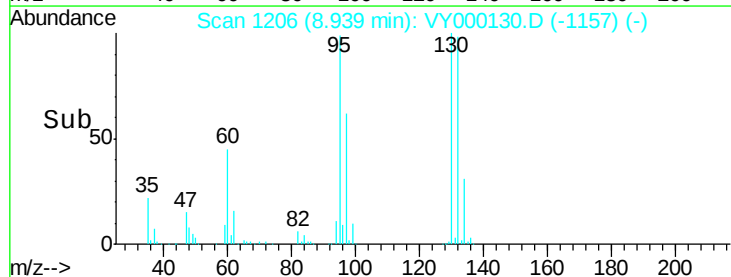
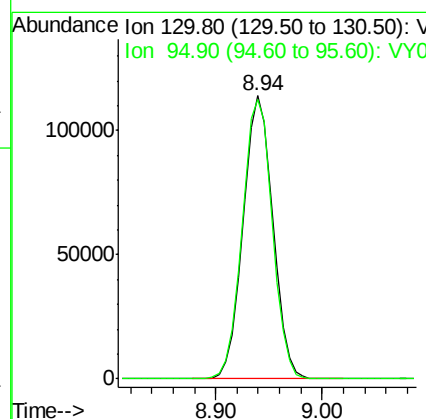
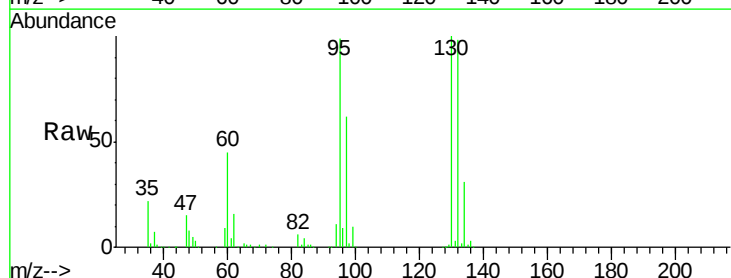
Manual Integrations
APPROVED

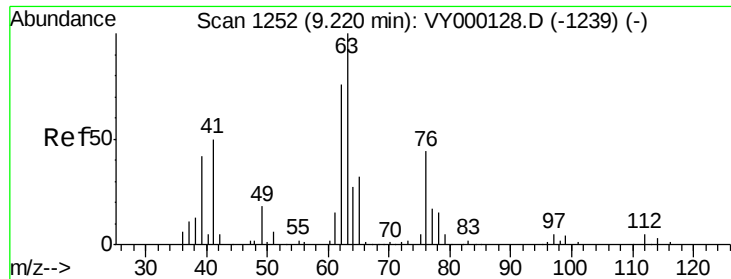
MMDadoda
9/25/2019 12:39:25 AM



#44
Trichloroethene
Concen: 145.150 ug/l
RT: 8.94 min Scan# 1206
Delta R.T. -0.00 min
Lab File: VY000130.D
Acq: 23 Sep 2019 12:54

Tgt Ion	Ratio	Lower	Upper
130	100		
95	98.6	0.0	192.0





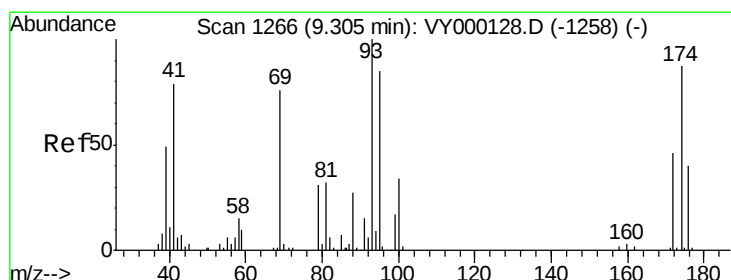
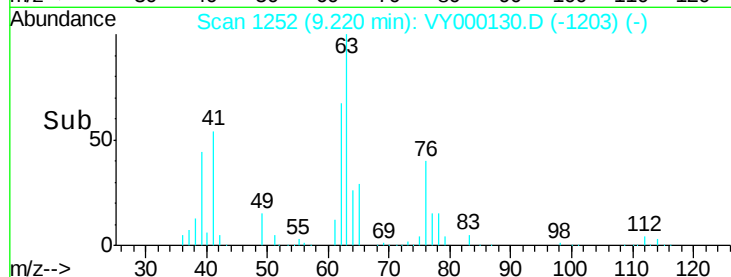
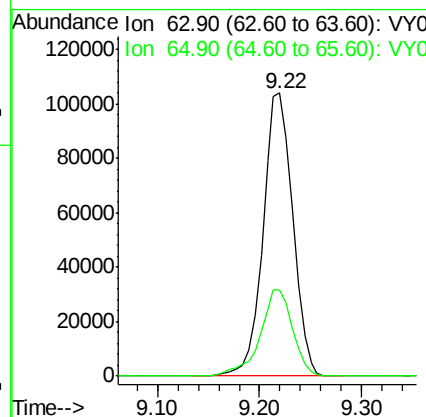
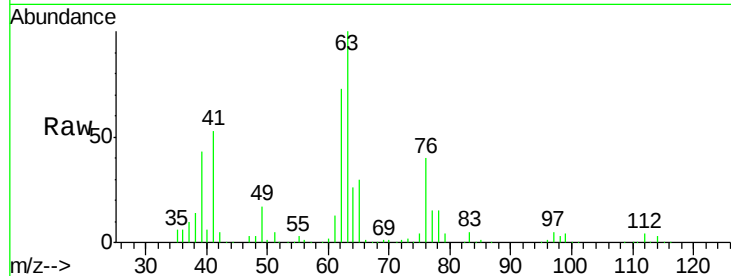
#45
 1,2-Dichloropropane
 Concen: 140.657 ug/l
 RT: 9.22 min Scan# 1252
 Delta R.T. -0.00 min
 Lab File: VY000130.D
 Acq: 23 Sep 2019 12:54

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Resp	Lower	Upper
63	100	211130		
65	30.4	25.4	38.2	

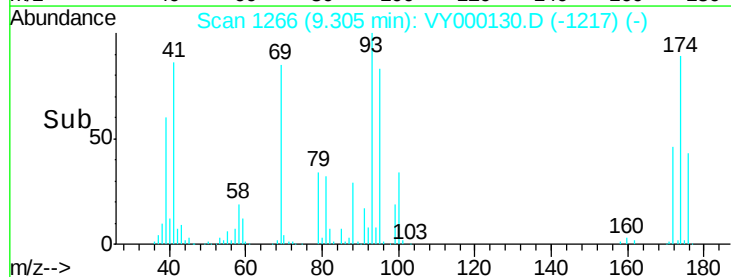
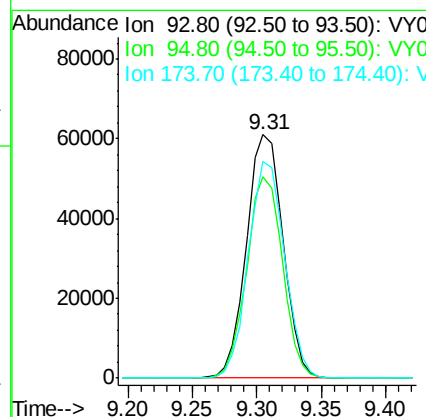
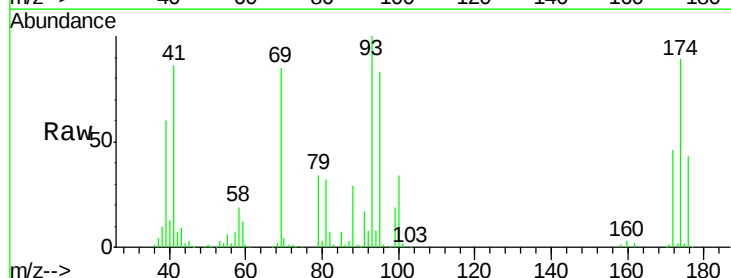
Manual Integrations
 APPROVED

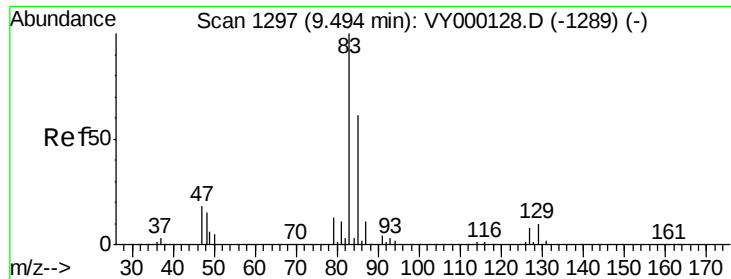
MMDadoda
 9/25/2019 12:39:25 AM



#46
 Dibromomethane
 Concen: 143.599 ug/l
 RT: 9.31 min Scan# 1266
 Delta R.T. -0.00 min
 Lab File: VY000130.D
 Acq: 23 Sep 2019 12:54

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	119873		
95	81.3	68.6	103.0	
174	88.3	69.4	104.0	





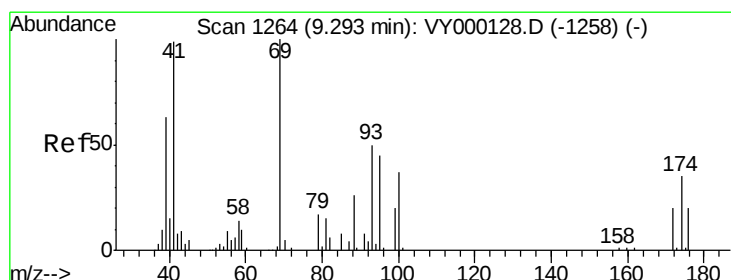
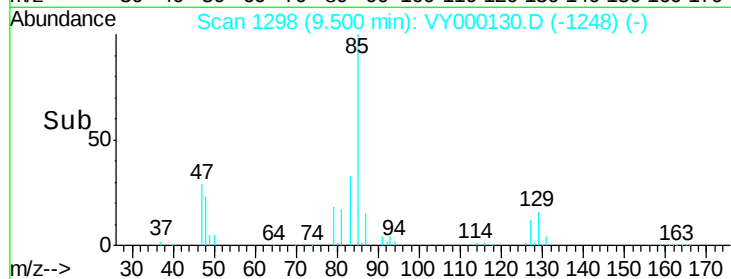
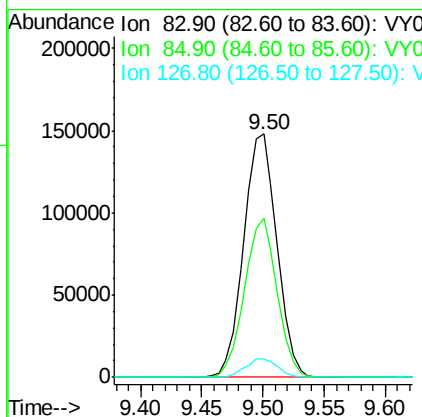
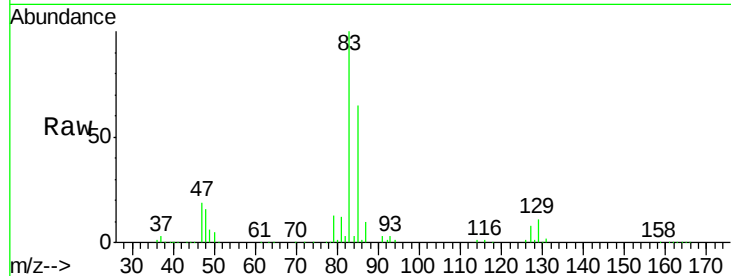
#47
Bromodichloromethane
Concen: 146.210 ug/l
RT: 9.50 min Scan# 1298
Delta R.T. 0.01 min
Lab File: VY000130.D
Acq: 23 Sep 2019 12:54

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tot Ion	83	Resp	279457
Ion Ratio	Lower	Upper	
83	100		
85	65.3	48.6	73.0
127	7.7	6.2	9.4

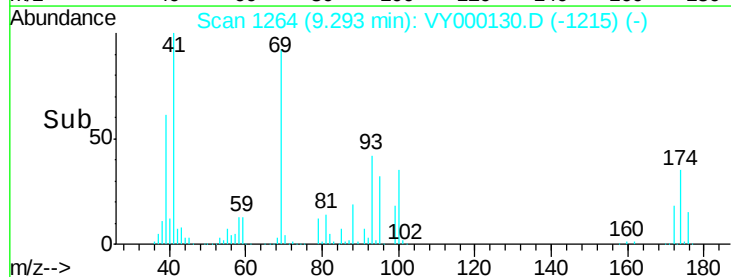
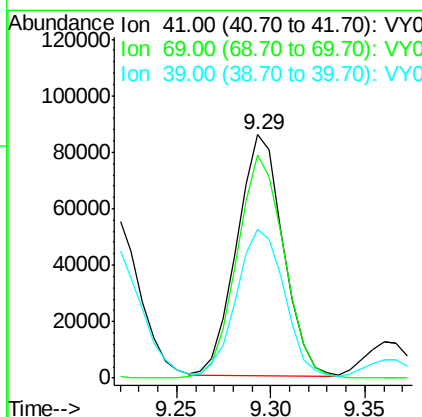
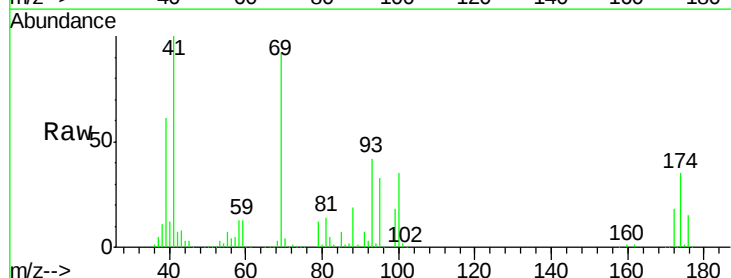
Manual Integrations
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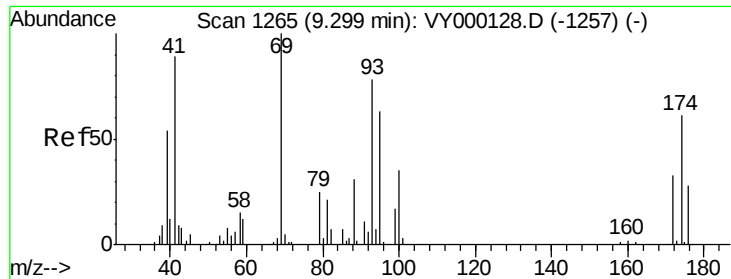
MMDadoda
9/25/2019 12:39:25 AM



#48
Methyl methacrylate
Concen: 159.201 ug/l
RT: 9.29 min Scan# 1264
Delta R.T. -0.00 min
Lab File: VY000130.D
Acq: 23 Sep 2019 12:54

Tgt Ion	41	Resp	144702
Ion Ratio	Lower	Upper	
41	100		
69	94.9	81.0	121.6
39	62.7	53.2	79.8





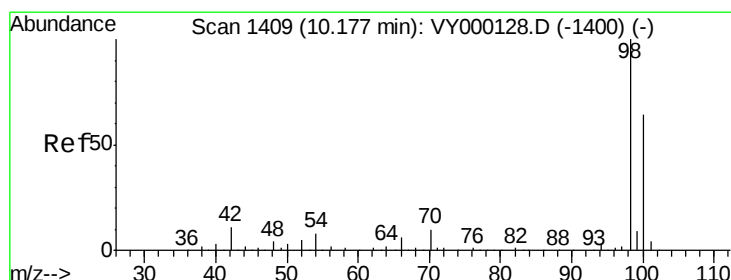
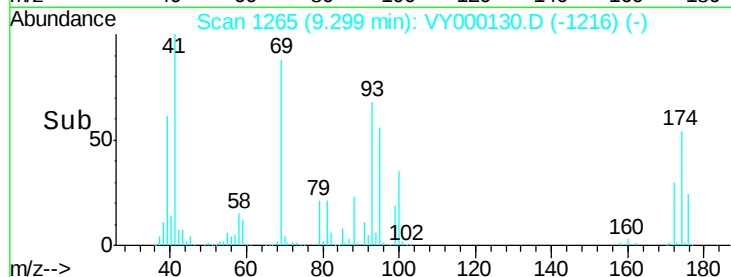
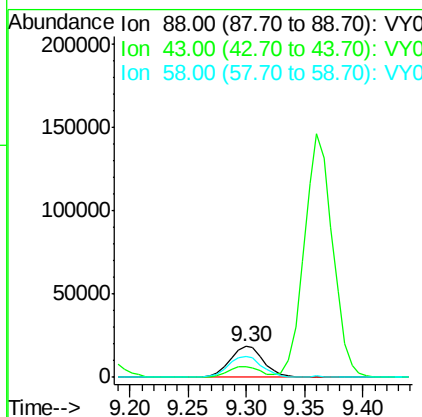
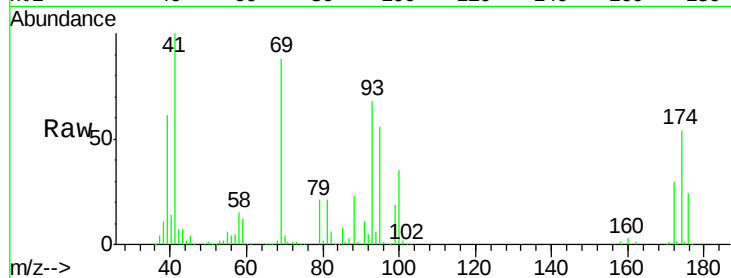
#49
 1,4-Dioxane
 Concen: 2844.356 ug/l
 RT: 9.30 min Scan# 1265
 Delta R.T. -0.00 min
 Lab File: VY000130.D
 Acq: 23 Sep 2019 12:54

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Lower	Upper
88	100		
43	33.6	22.6	33.8
58	66.9	42.5	63.7#

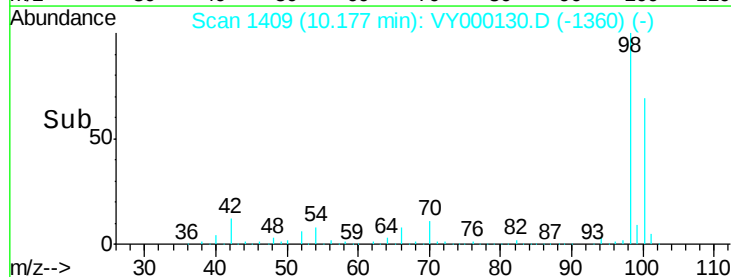
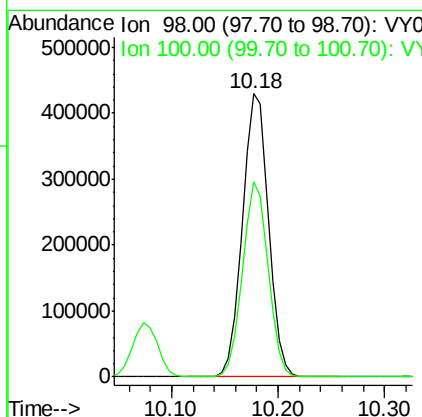
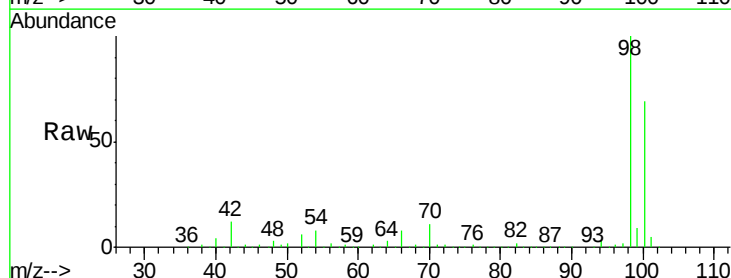
Manual Integrations
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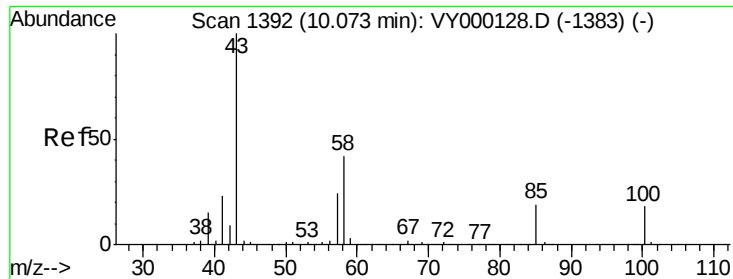
MMDadoda
 9/25/2019 12:39:25 AM



#50
 Toluene-d8
 Concen: 146.762 ug/l
 RT: 10.18 min Scan# 1409
 Delta R.T. -0.00 min
 Lab File: VY000130.D
 Acq: 23 Sep 2019 12:54

Tgt Ion	Ratio	Lower	Upper
98	100		
100	67.9	52.7	79.1





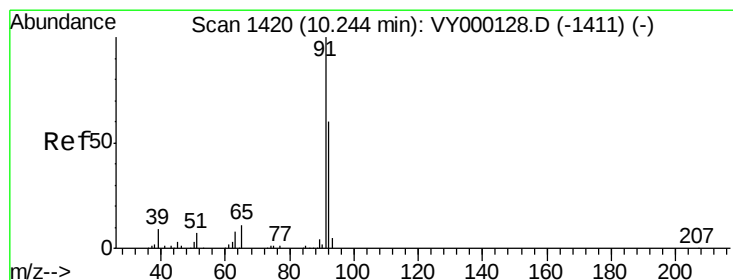
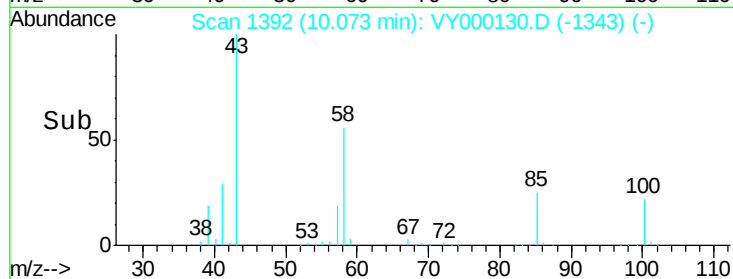
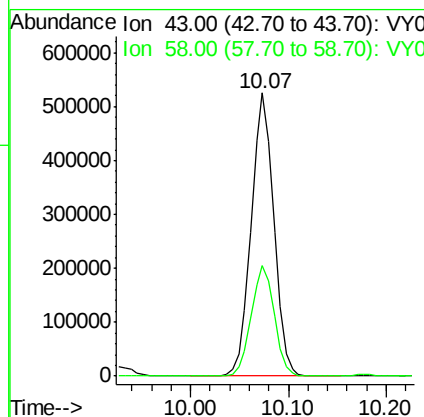
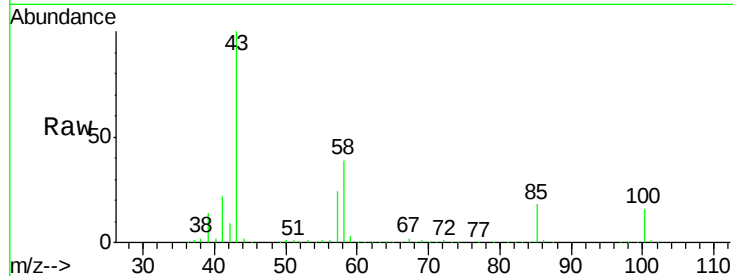
#51
4-Methyl-2-Pentanone
Concen: 776.146 ug/l
RT: 10.07 min Scan# 1392
Delta R.T. -0.00 min
Lab File: VY000130.D
Acq: 23 Sep 2019 12:54

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tot Ion	43	58	Ratio	Lower	Upper
841217	100	39.8		33.0	49.6

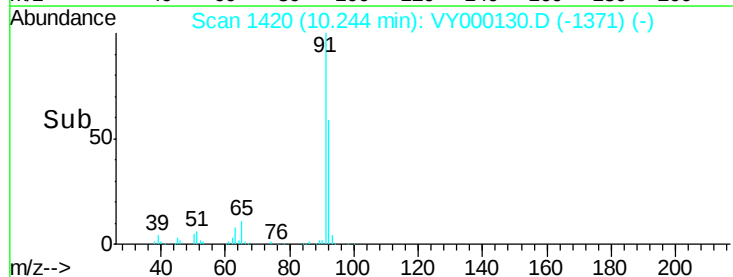
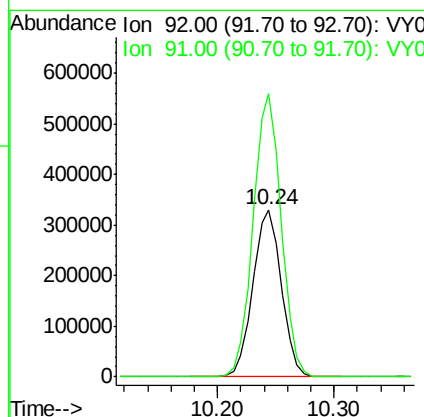
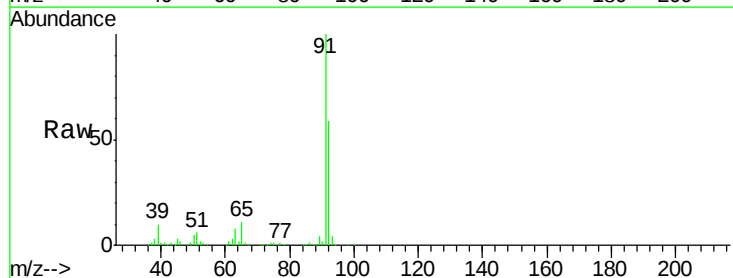
Manual Integrations
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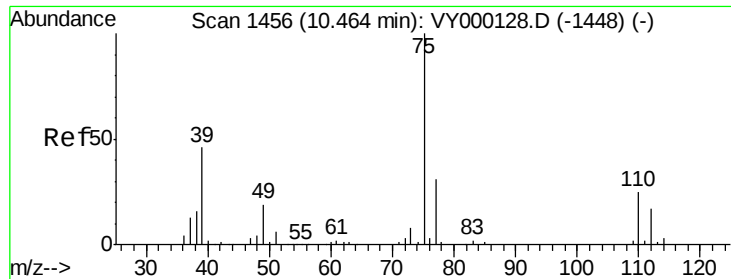
MMDadoda
9/25/2019 12:39:25 AM



#52
Toluene
Concen: 146.234 ug/l
RT: 10.24 min Scan# 1420
Delta R.T. -0.00 min
Lab File: VY000130.D
Acq: 23 Sep 2019 12:54

Tgt Ion	92	91	Ratio	Lower	Upper
561566	100	167.4		135.7	203.5





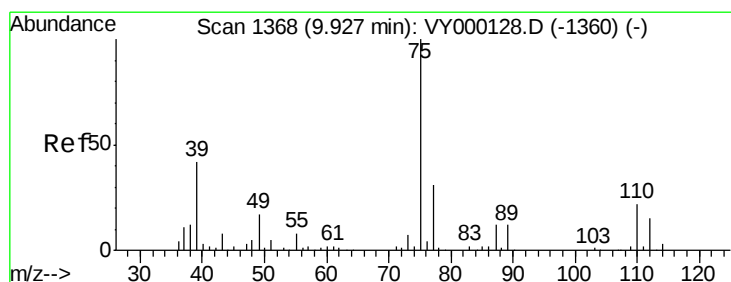
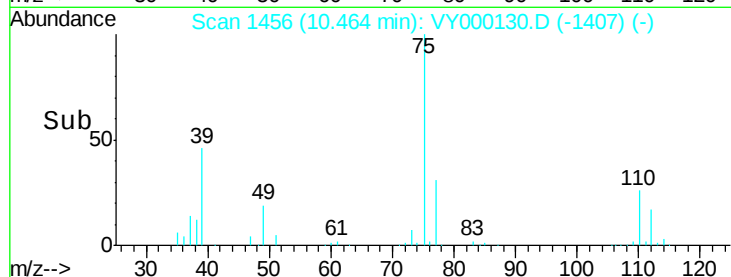
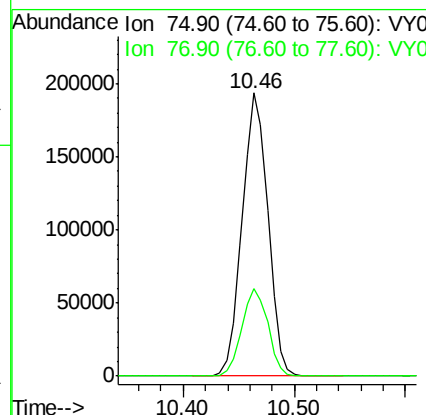
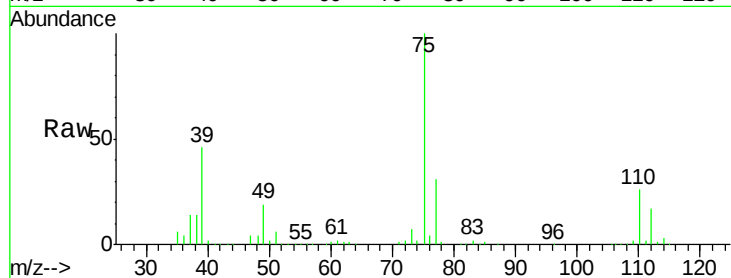
#53
t-1,3-Dichloropropene
Concen: 148.847 ug/l
RT: 10.46 min Scan# 1456
Delta R.T. -0.00 min
Lab File: VY000130.D
Acq: 23 Sep 2019 12:54

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Resp	Lower	Upper
75	100	310232		
77	31.0	24.9	37.3	

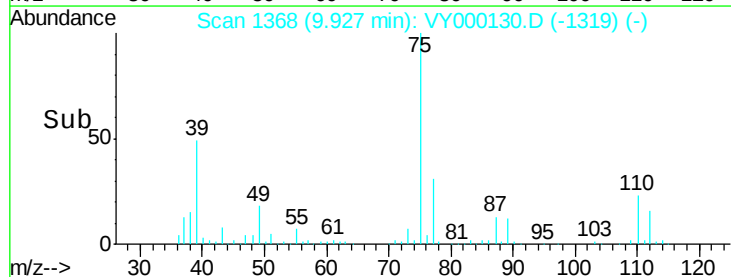
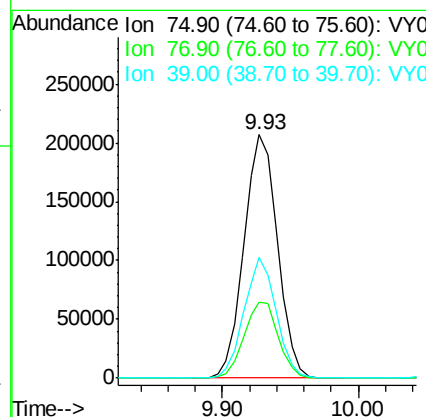
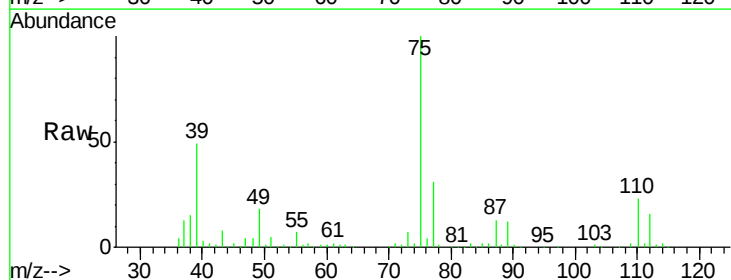
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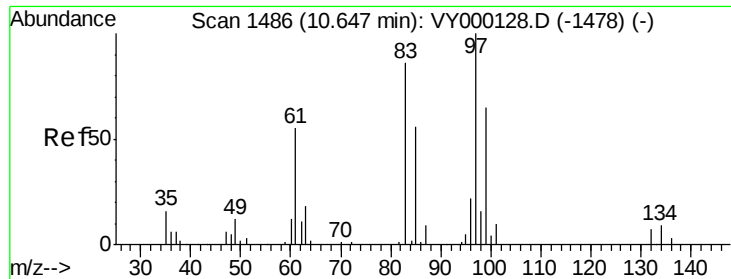
MMDadoda
9/25/2019 12:39:25 AM



#54
cis-1,3-Dichloropropene
Concen: 147.467 ug/l
RT: 9.93 min Scan# 1368
Delta R.T. -0.00 min
Lab File: VY000130.D
Acq: 23 Sep 2019 12:54

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	356345		
77	31.4	24.6	37.0	
39	49.4	33.8	50.6	





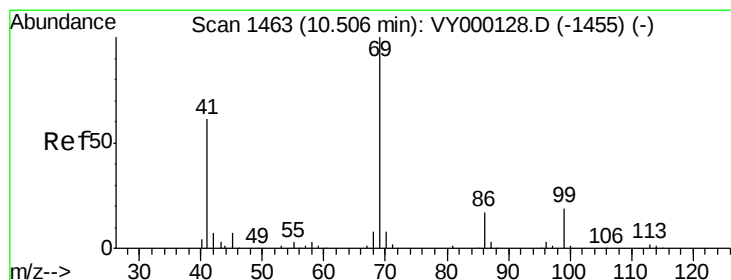
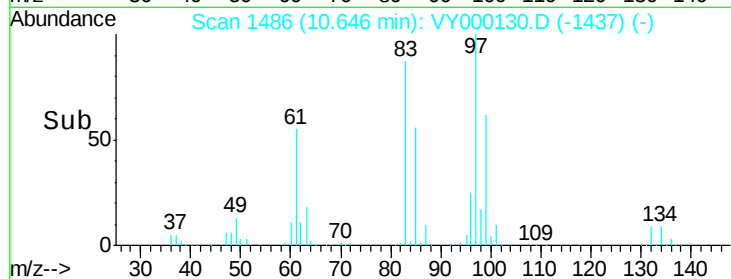
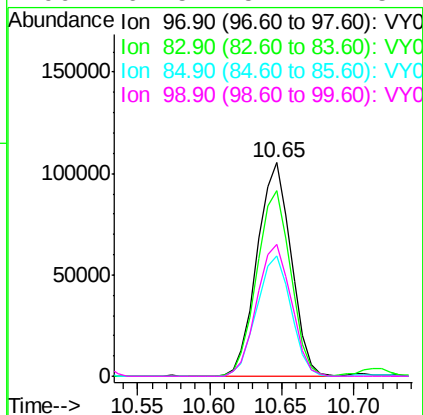
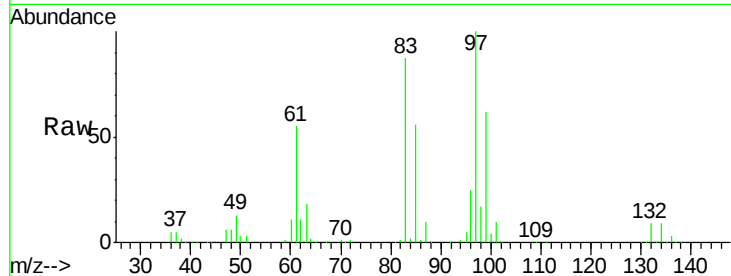
#55
 1,1,2-Trichloroethane
 Concen: 144.353 ug/l
 RT: 10.65 min Scan# 1486
 Delta R.T. -0.00 min
 Lab File: VY000130.D
 Acq: 23 Sep 2019 12:54

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

Tot Ion:	97	Resp:	172567
Ion	Ratio	Lower	Upper
97	100		
83	86.9	68.8	103.2
85	56.1	44.9	67.3
99	61.5	52.1	78.1

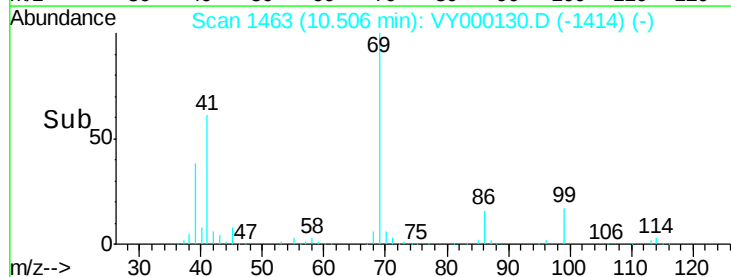
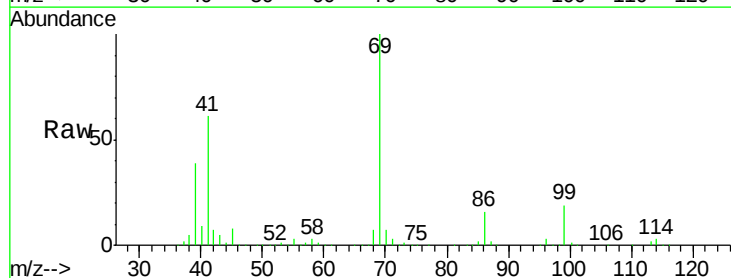
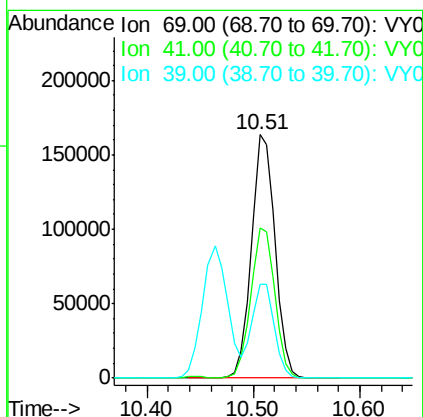
Manual Integrations
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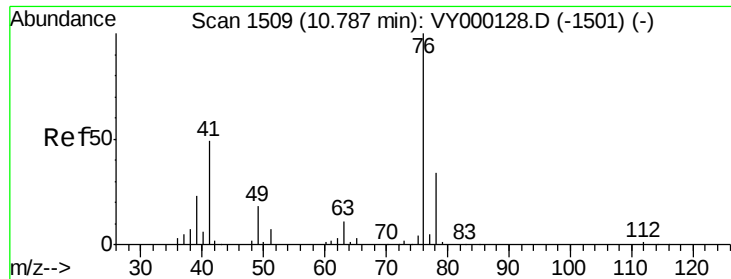
MMDadoda
 9/25/2019 12:39:25 AM



#56
 Ethyl methacrylate
 Concen: 151.610 ug/l
 RT: 10.51 min Scan# 1463
 Delta R.T. -0.00 min
 Lab File: VY000130.D
 Acq: 23 Sep 2019 12:54

Tgt Ion:	69	Resp:	255296
Ion	Ratio	Lower	Upper
69	100		
41	62.7	47.9	71.9
39	36.9	27.4	41.0





#57

1,3-Dichloropropane

Concen: 144.719 ug/l

RT: 10.79 min Scan# 1509

Delta R.T. -0.00 min

Lab File: VY000130.D

Acq: 23 Sep 2019 12:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

Tot Ion: 76 Resp: 300769

Ion Ratio Lower Upper

76 100

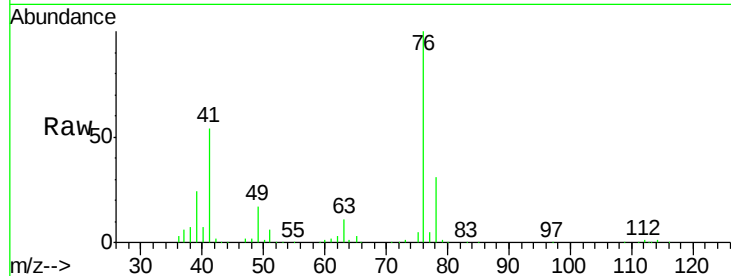
78 32.7 26.5 39.7

Manual Integrations

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Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0

10.79

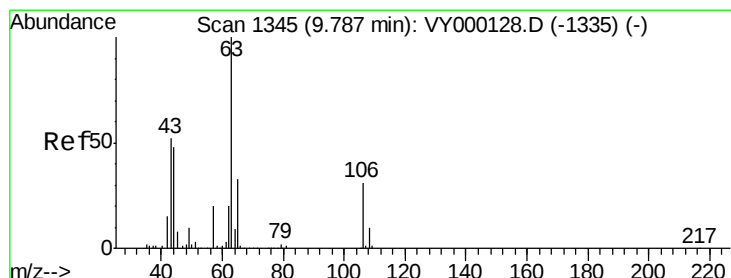
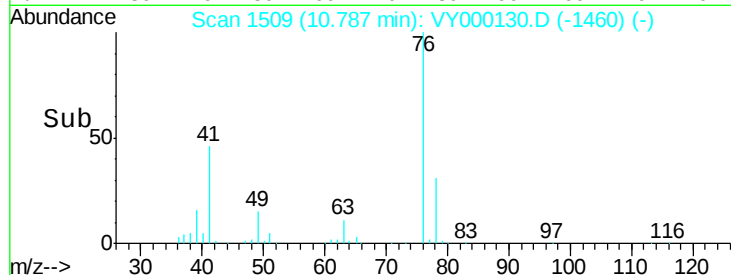
150000

100000

50000

0

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 754.996 ug/l

RT: 9.79 min Scan# 1345

Delta R.T. -0.00 min

Lab File: VY000130.D

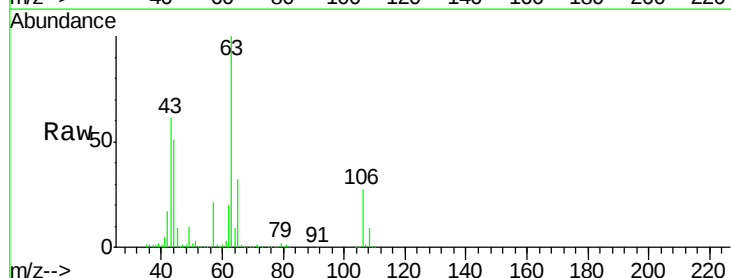
Acq: 23 Sep 2019 12:54

Tgt Ion: 63 Resp: 627656

Ion Ratio Lower Upper

63 100

106 28.4 23.2 34.8



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 105.90 (105.60 to 106.60): V

9.79

400000

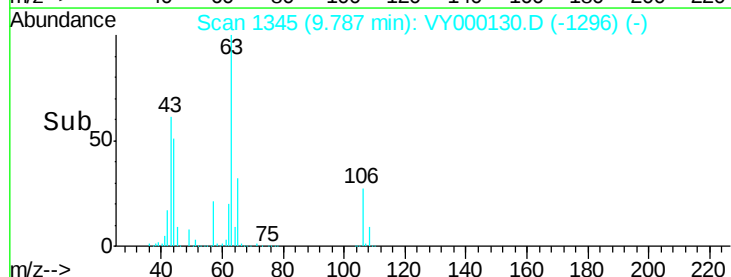
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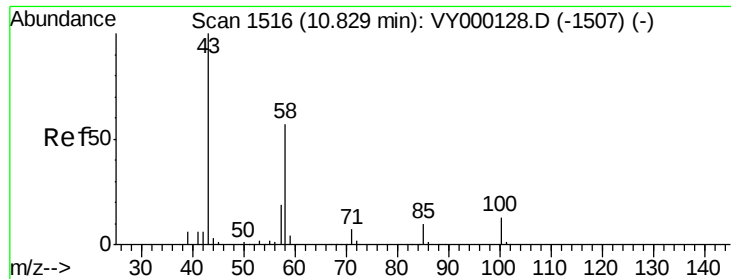
200000

100000

0

Time-->





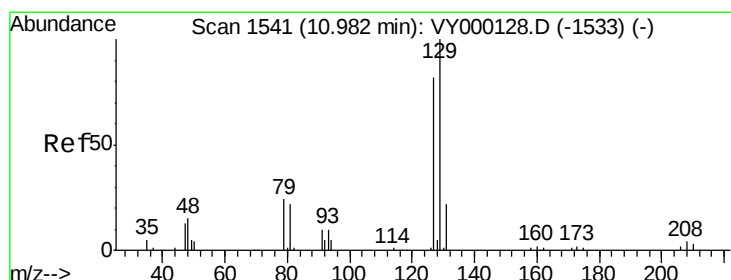
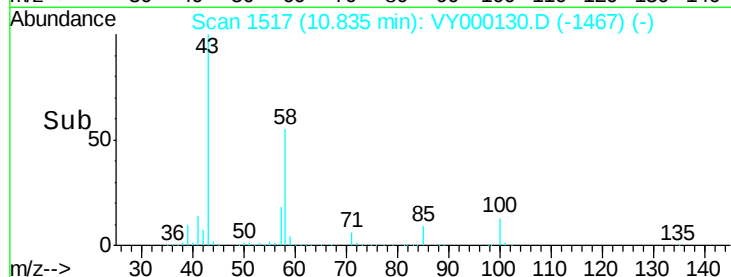
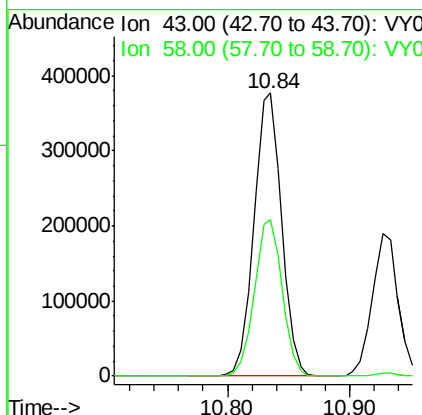
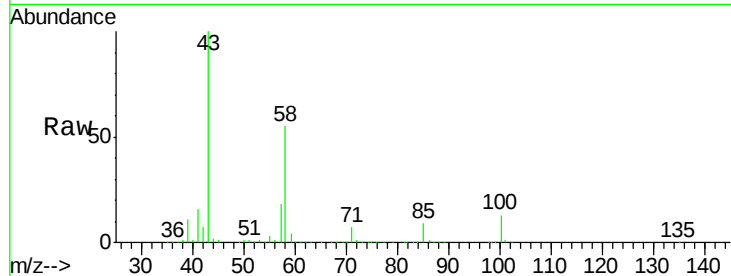
#59
2-Hexanone
Concen: 781.705 ug/l
RT: 10.84 min Scan# 1517
Delta R.T. 0.01 min
Lab File: VY000130.D
Acq: 23 Sep 2019 12:54

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tot Ion: 43 Resp: 593459
Ion Ratio Lower Upper
43 100
58 55.5 29.1 87.3

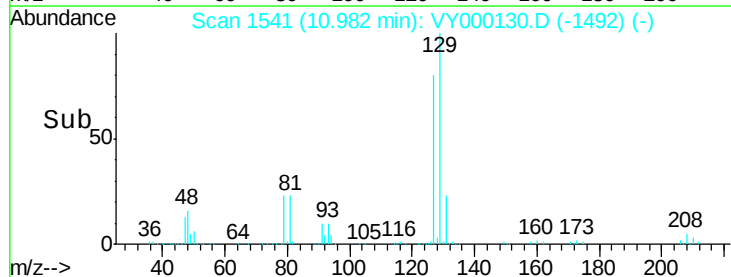
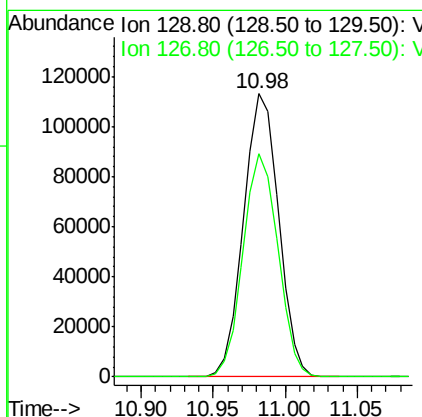
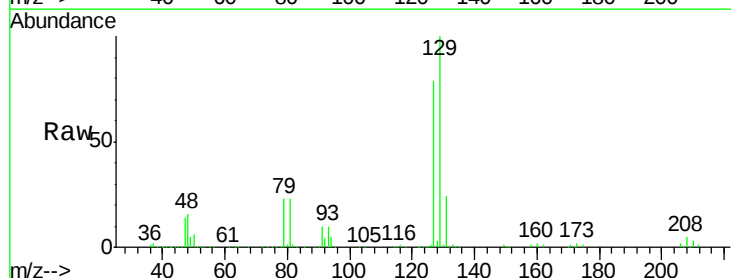
Manual Integrations
APPROVED

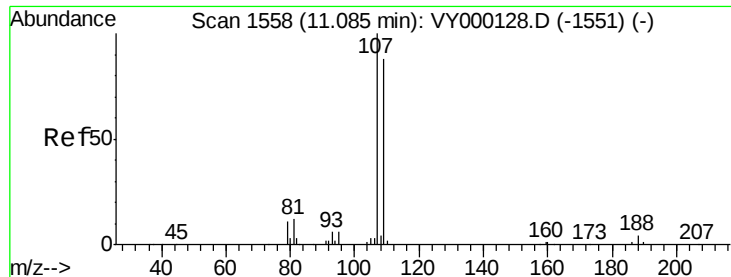
MMDadoda
9/25/2019 12:39:25 AM



#60
Dibromochloromethane
Concen: 153.107 ug/l
RT: 10.98 min Scan# 1541
Delta R.T. -0.00 min
Lab File: VY000130.D
Acq: 23 Sep 2019 12:54

Tgt Ion: 129 Resp: 191291
Ion Ratio Lower Upper
129 100
127 78.4 37.5 112.3





#61

1,2-Dibromoethane

Concen: 147.037 ug/l

RT: 11.09 min Scan# 1558

Delta R.T. -0.00 min

Lab File: VY000130.D

Acq: 23 Sep 2019 12:54

Instrument :

MSVOA_Y

ClientSampled :

VSTDIC150

Tot Ion: 107 Resp: 165195

Ion Ratio Lower Upper

107 100

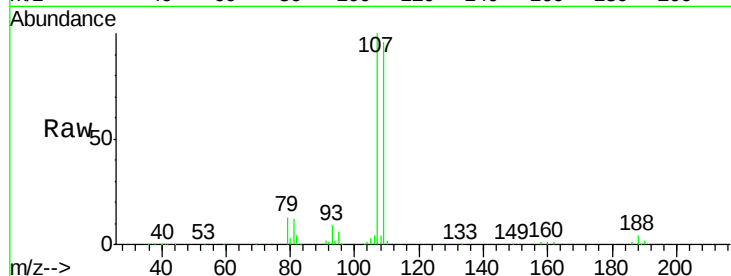
109 95.8 74.0 111.0

Manual Integrations

APPROVED

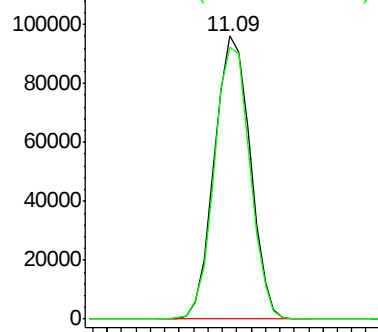
MMDadoda

9/25/2019 12:39:25 AM

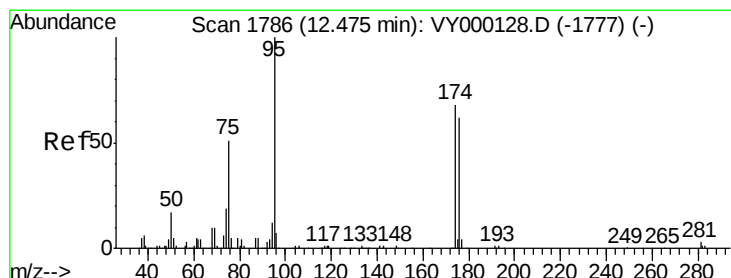
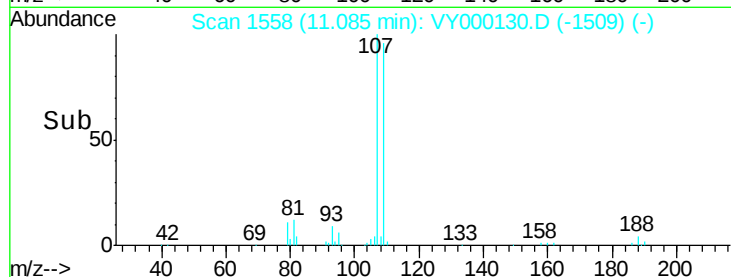


Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



Time-->



#62

4-Bromofluorobenzene

Concen: 135.501 ug/l

RT: 12.48 min Scan# 1786

Delta R.T. -0.00 min

Lab File: VY000130.D

Acq: 23 Sep 2019 12:54

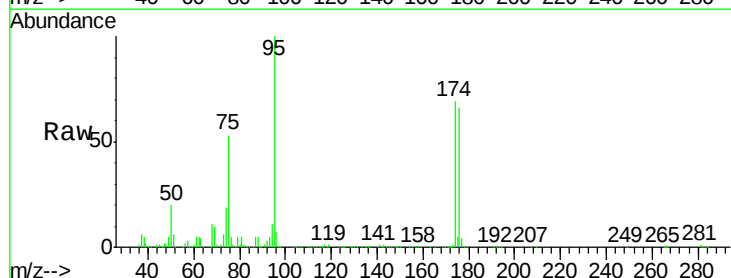
Tgt Ion: 95 Resp: 250509

Ion Ratio Lower Upper

95 100

174 71.1 0.0 140.8

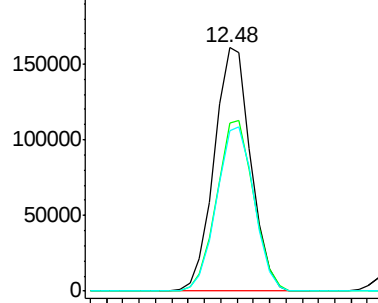
176 69.2 0.0 135.0



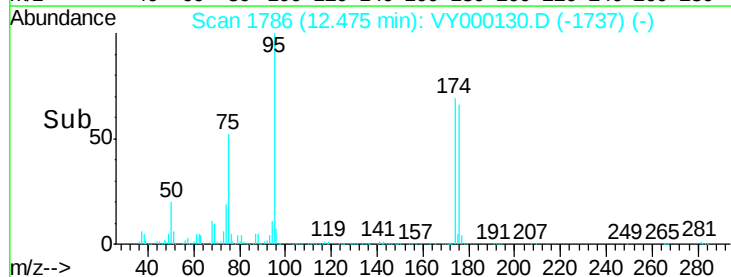
Abundance Ion 94.90 (94.60 to 95.60): VY0

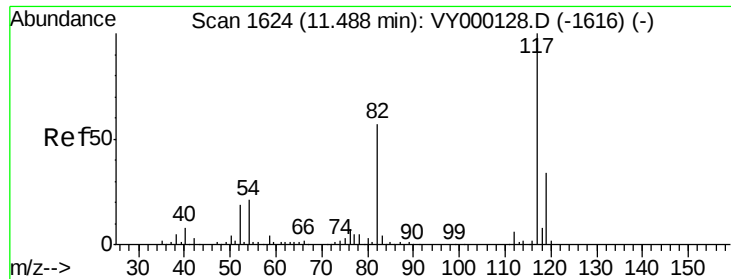
Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



Time-->





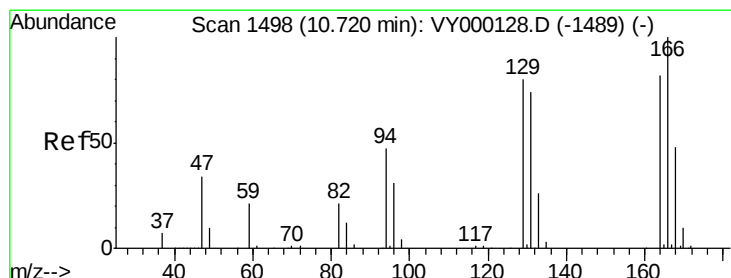
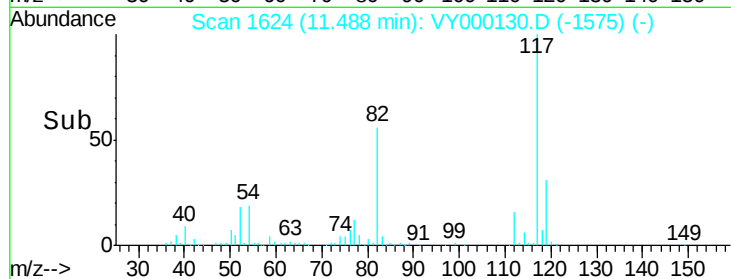
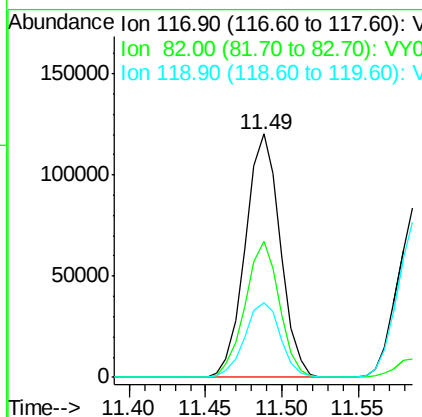
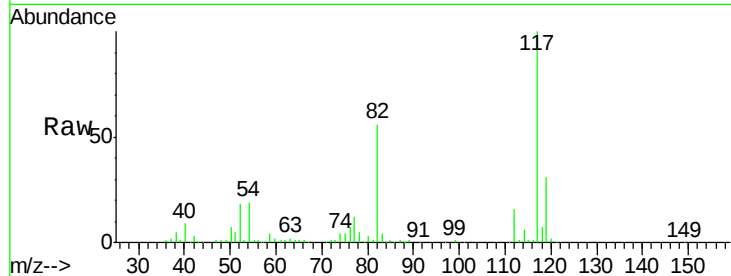
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1624
Delta R.T. -0.00 min
Lab File: VY000130.D
Acq: 23 Sep 2019 12:54

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Resp	Lower	Upper
117	100	190631		
82	56.0	45.5	68.3	
119	30.9	27.3	40.9	

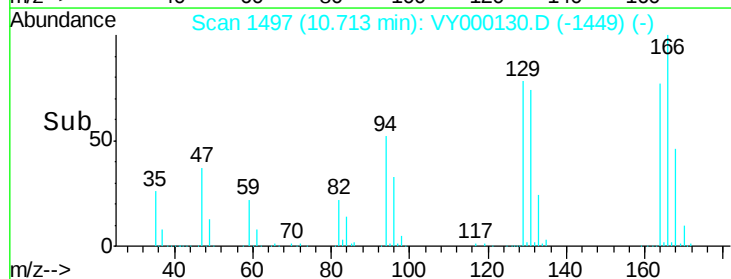
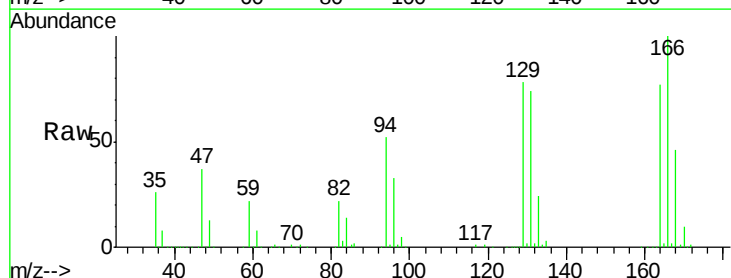
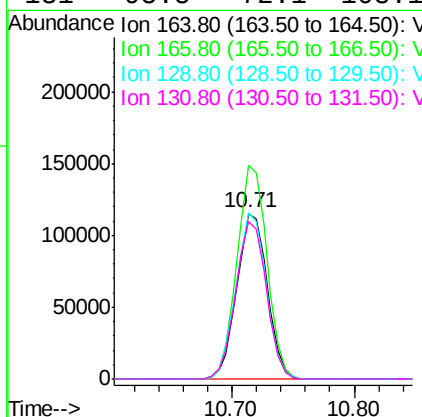
Manual Integrations
APPROVED

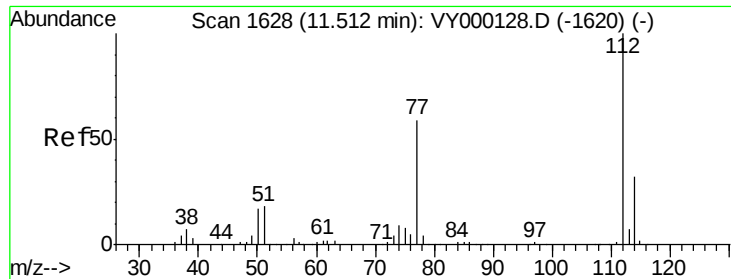
MMDadoda
9/25/2019 12:39:25 AM



#64
Tetrachloroethene
Concen: 136.598 ug/l
RT: 10.71 min Scan# 1497
Delta R.T. -0.01 min
Lab File: VY000130.D
Acq: 23 Sep 2019 12:54

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	198210		
166	129.1	97.0	145.6	
129	100.9	77.6	116.4	
131	95.5	72.1	108.1	





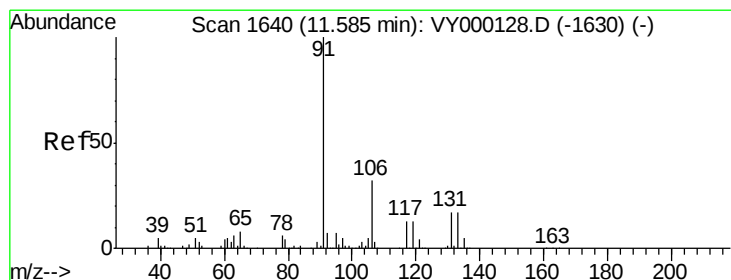
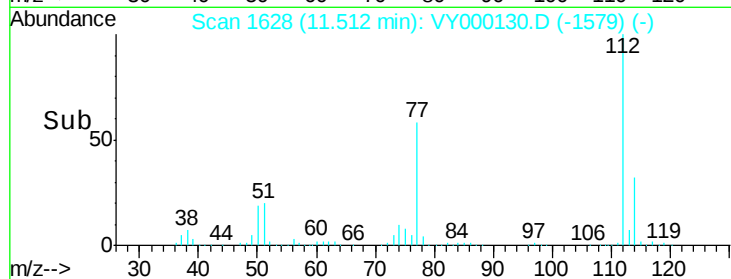
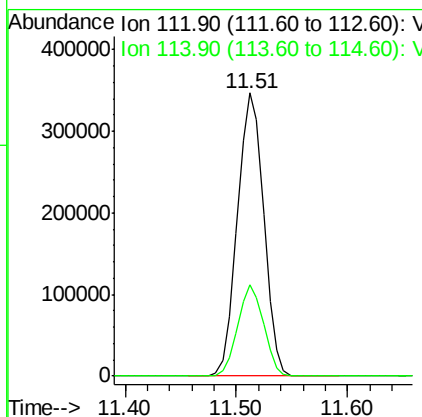
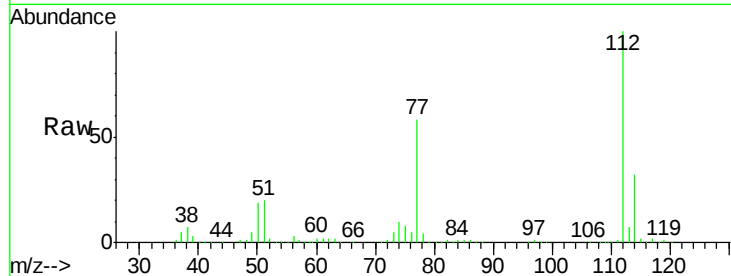
#65
Chlorobenzene
Concen: 146.906 ug/l
RT: 11.51 min Scan# 1628
Delta R.T. -0.00 min
Lab File: VY000130.D
Acq: 23 Sep 2019 12:54

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Resp	Lower	Upper
112	100	568502		
114	32.4	25.6	38.4	

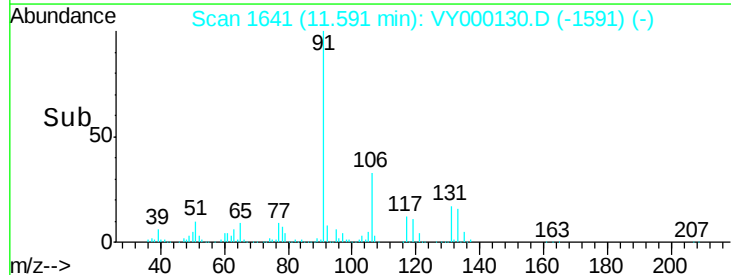
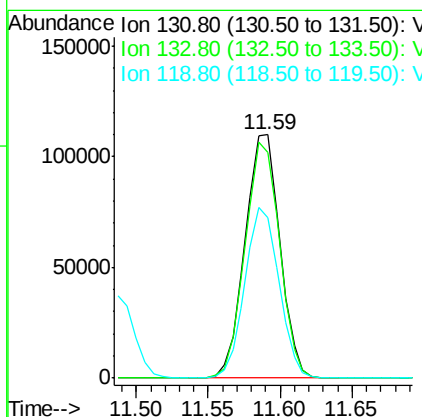
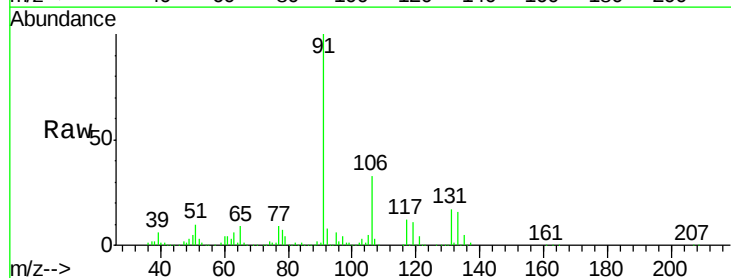
Manual Integrations
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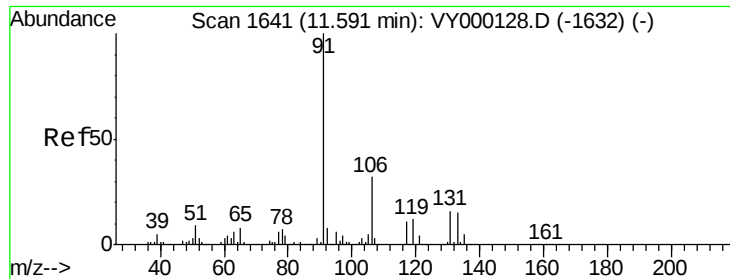
MMDadoda
9/25/2019 12:39:25 AM



#66
1,1,1,2-Tetrachloroethane
Concen: 148.620 ug/l
RT: 11.59 min Scan# 1641
Delta R.T. 0.01 min
Lab File: VY000130.D
Acq: 23 Sep 2019 12:54

Tgt Ion	Ratio	Resp	Lower	Upper
131	100	184803		
133	95.7	47.5	142.5	
119	68.3	35.4	106.2	





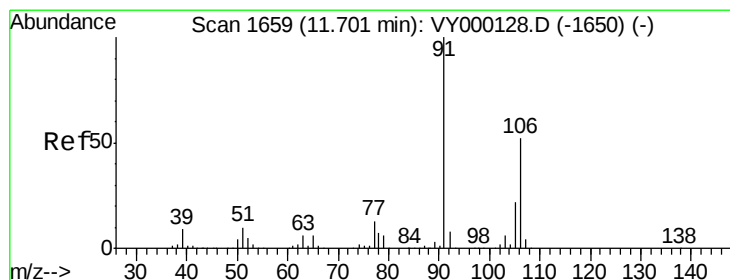
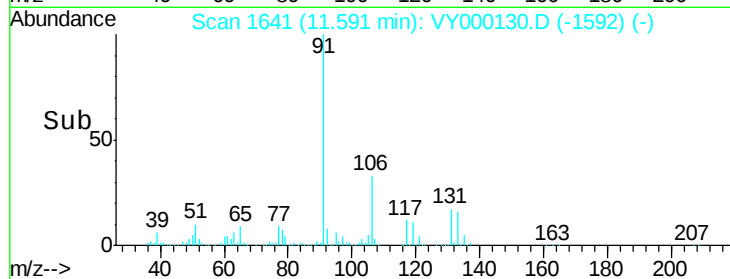
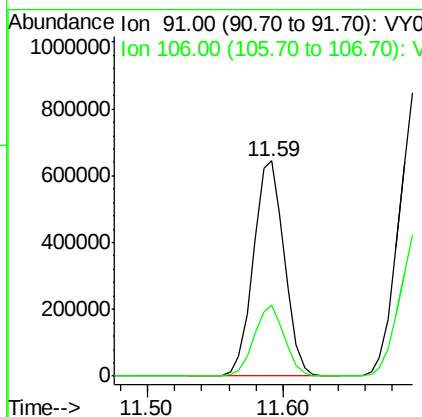
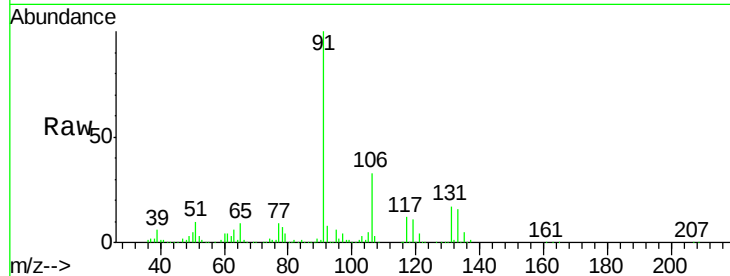
#67
Ethyl Benzene
Concen: 145.827 ug/l
RT: 11.59 min Scan# 1641
Delta R.T. -0.00 min
Lab File: VY000130.D
Acq: 23 Sep 2019 12:54

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tot Ion: 91 Resp: 1025784
Ion Ratio Lower Upper
91 100
106 32.8 25.6 38.4

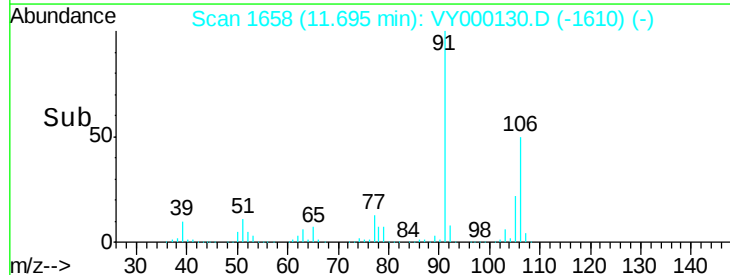
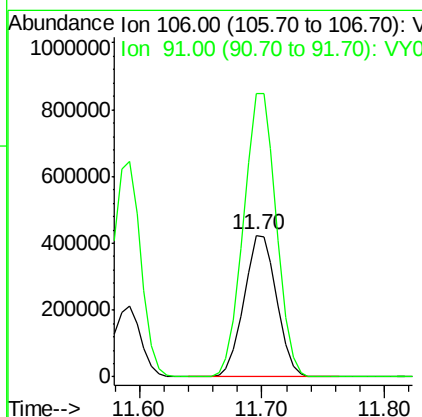
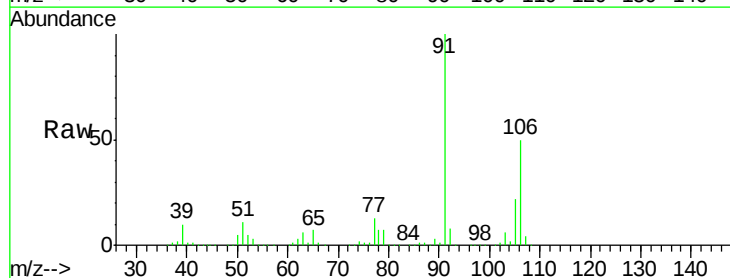
Manual Integrations
APPROVED

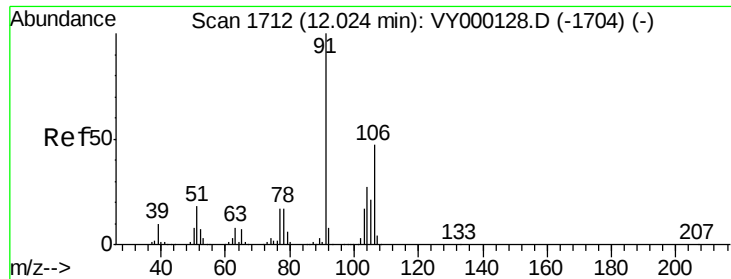
MMDadoda
9/25/2019 12:39:25 AM



#68
m/p-Xylenes
Concen: 288.929 ug/l
RT: 11.70 min Scan# 1658
Delta R.T. -0.01 min
Lab File: VY000130.D
Acq: 23 Sep 2019 12:54

Tgt Ion: 106 Resp: 783751
Ion Ratio Lower Upper
106 100
91 200.9 154.6 232.0





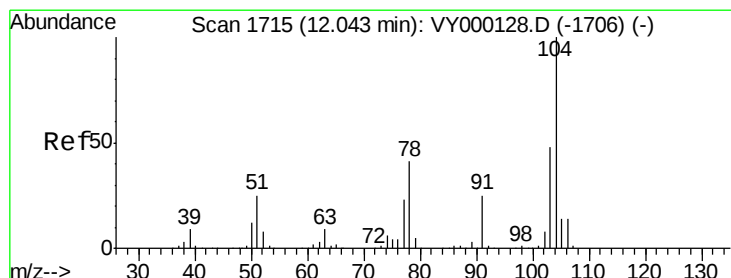
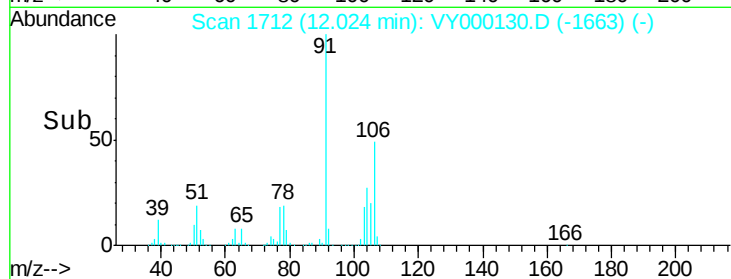
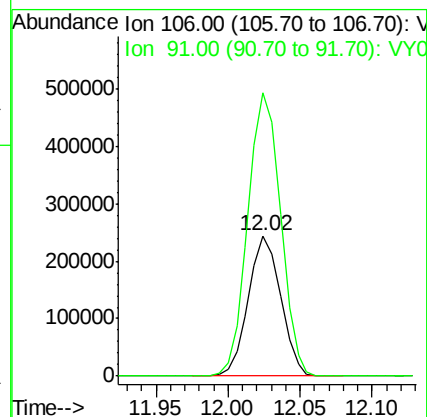
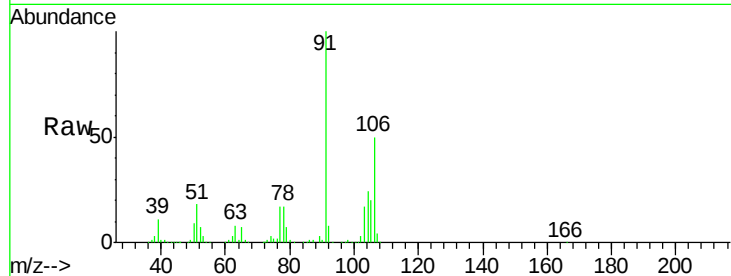
#69
o-Xylene
Concen: 146.717 ug/l
RT: 12.02 min Scan# 1712
Delta R.T. -0.00 min
Lab File: VY000130.D
Acq: 23 Sep 2019 12:54

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	106	100	380455		
91	91	203.8		102.1	306.1

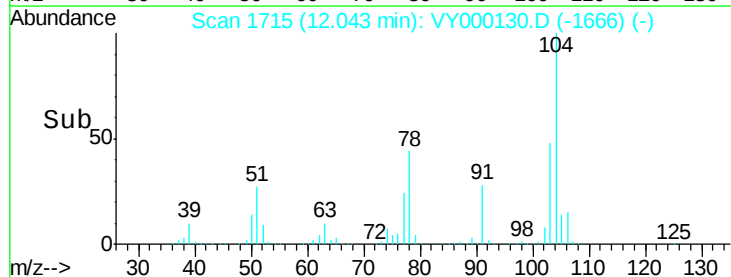
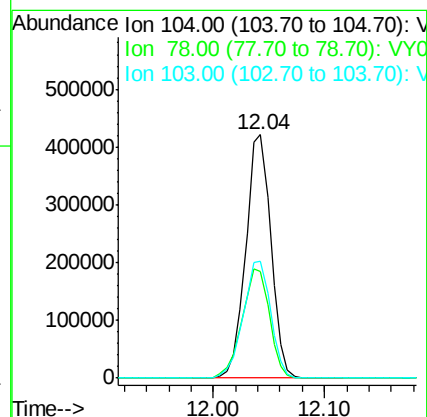
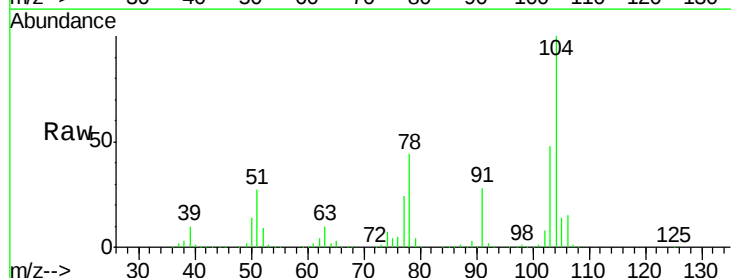
Manual Integrations
APPROVED

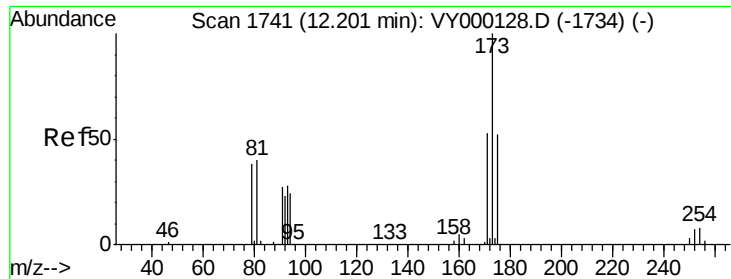
MMDadoda
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#70
Styrene
Concen: 150.485 ug/l
RT: 12.04 min Scan# 1715
Delta R.T. -0.00 min
Lab File: VY000130.D
Acq: 23 Sep 2019 12:54

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	104	100	659336		
78	78	49.0		37.3	55.9
103	103	52.3		42.2	63.2





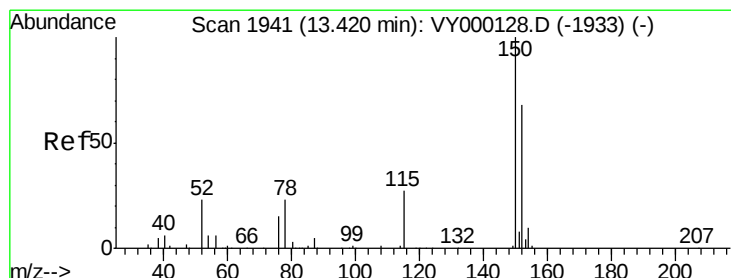
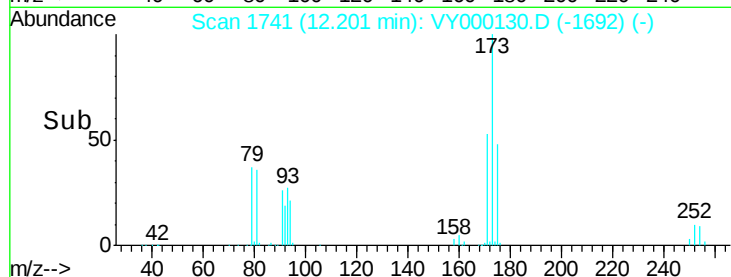
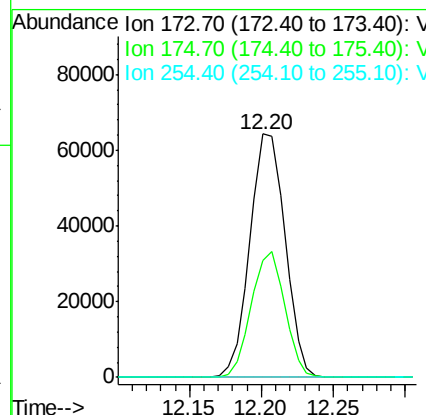
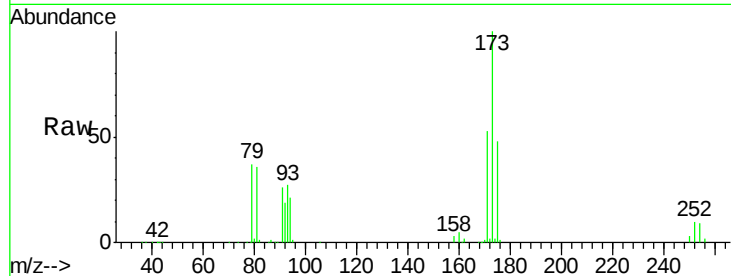
#71
Bromoform
Concen: 155.102 ug/l
RT: 12.20 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VY000130.D
Acq: 23 Sep 2019 12:54

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
173	100		
175	49.3	23.9	71.8
254	0.0	0.0	0.0

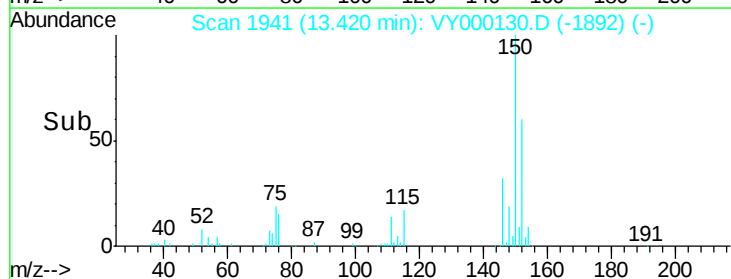
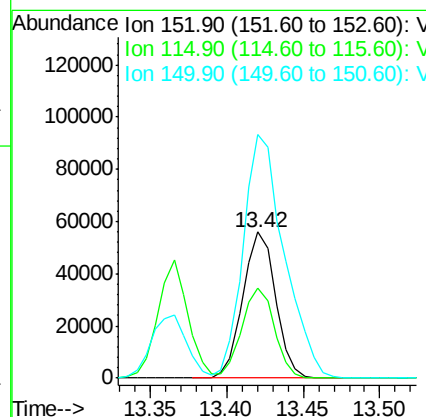
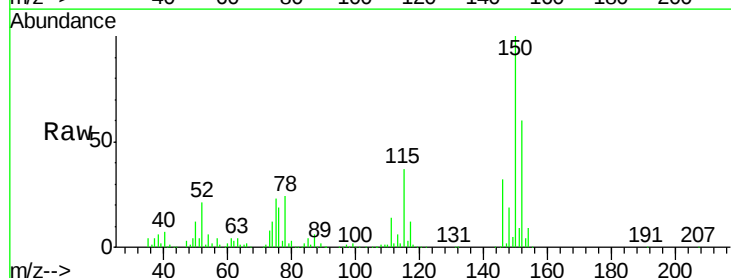
Manual Integrations
APPROVED

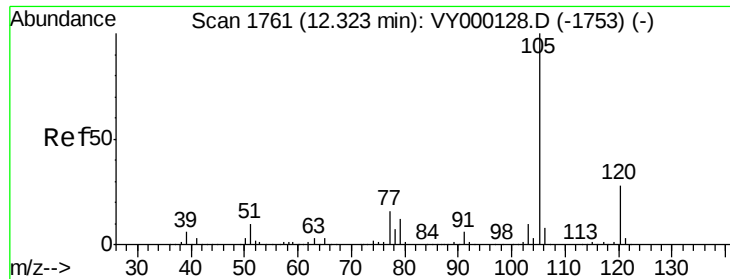
MMDadoda
9/25/2019 12:39:25 AM



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1941
Delta R.T. -0.00 min
Lab File: VY000130.D
Acq: 23 Sep 2019 12:54

Tgt Ion	Ratio	Lower	Upper
152	100		
115	61.3	30.8	92.3
150	208.2	0.0	354.6





#73

Isopropylbenzene

Concen: 146.698 ug/l

RT: 12.33 min Scan# 1762

Delta R.T. 0.01 min

Lab File: VY000130.D

Acq: 23 Sep 2019 12:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

Tot Ion:105 Resp: 971018

Ion Ratio Lower Upper

105 100

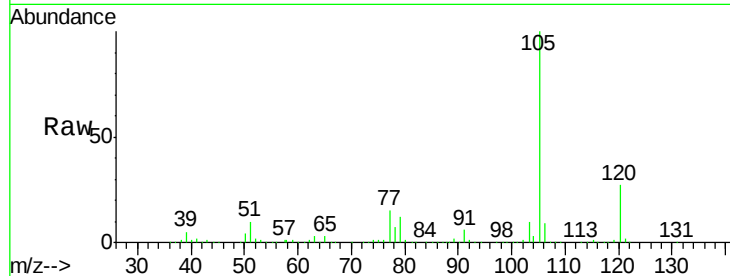
120 27.3 13.8 41.3

Manual Integrations

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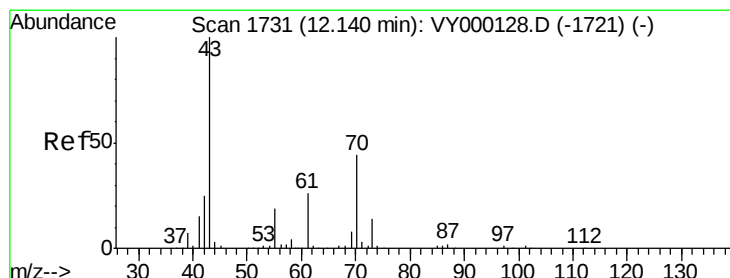
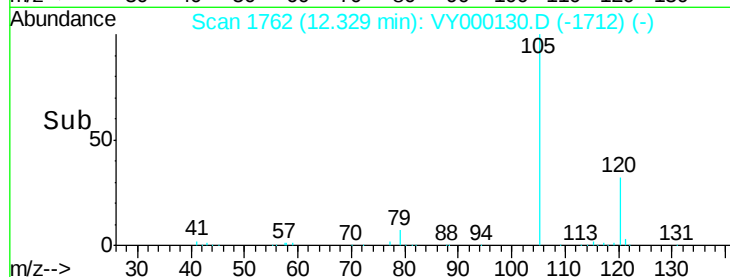
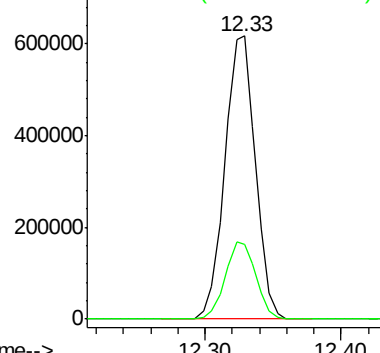
MMDadoda

9/25/2019 12:39:25 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: 166.219 ug/l

RT: 12.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VY000130.D

Acq: 23 Sep 2019 12:54

Tgt Ion: 43 Resp: 306639

Ion Ratio Lower Upper

43 100

70 42.9 35.7 53.5

55 22.2 17.2 25.8

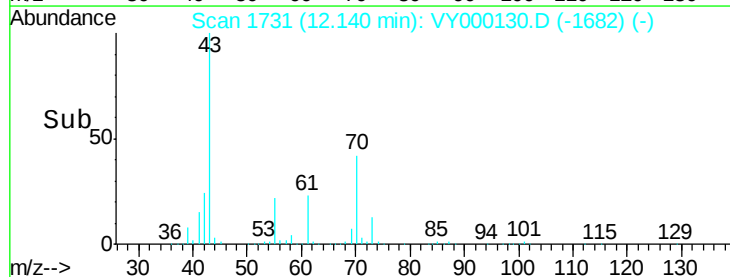
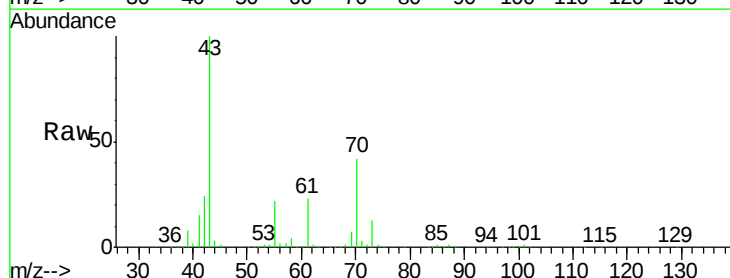
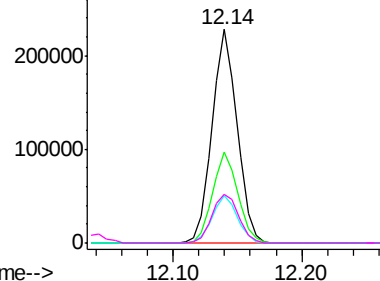
61 24.4 19.8 29.8

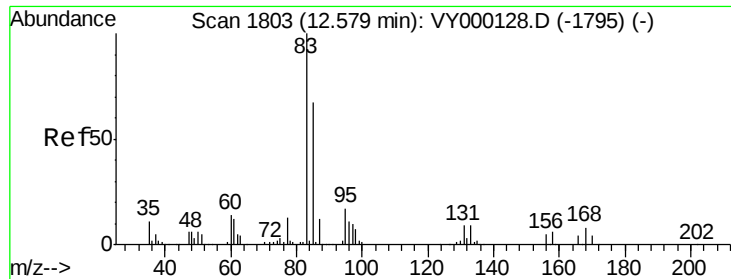
Abundance Ion 43.00 (42.70 to 43.70): VY0

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: 148.655 ug/l

RT: 12.58 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VY000130.D

Acq: 23 Sep 2019 12:54

Instrument :

MSVOA_Y

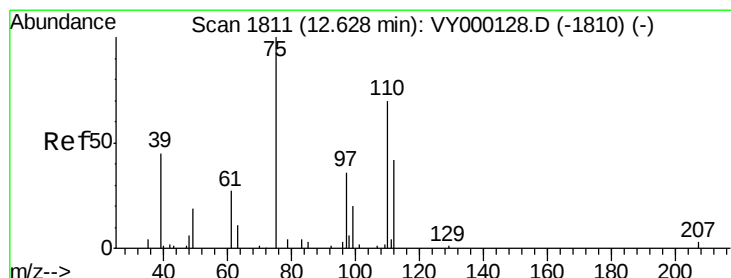
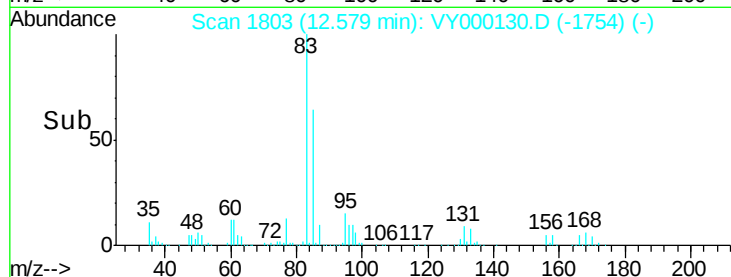
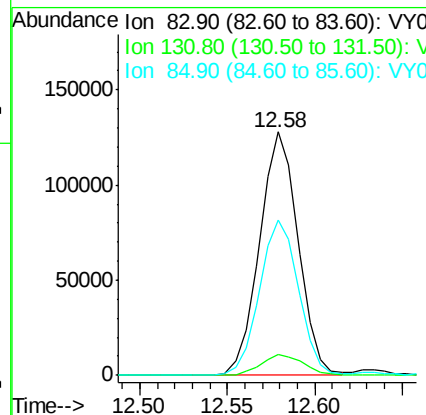
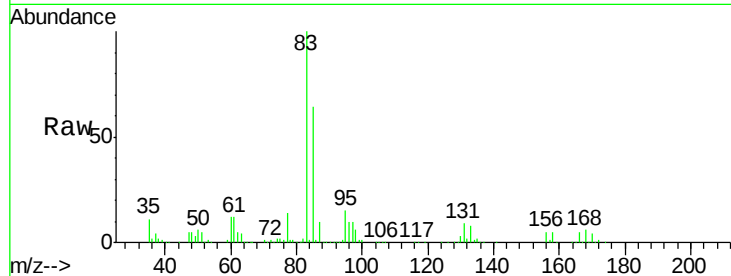
ClientSampleId :

VSTDIC150

Tot Ion:	83	Resp:	196461
Ion Ratio	Lower	Upper	
83	100		
131	9.6	4.9	14.6
85	64.5	32.0	96.0

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#76

1,2,3-Trichloropropane

Concen: 71.128 ug/l m

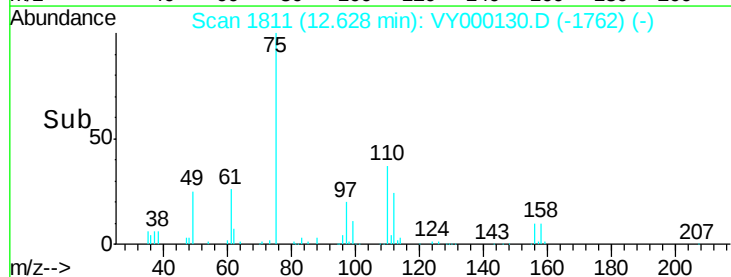
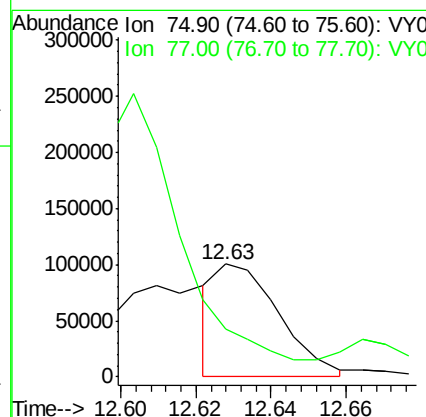
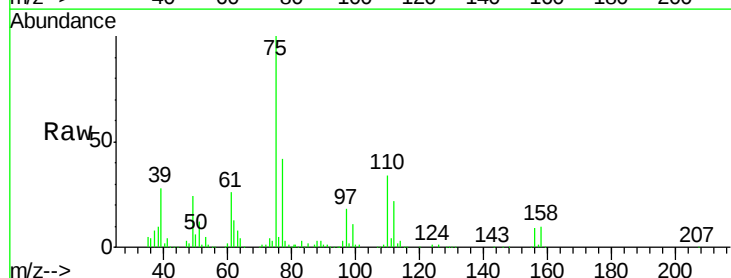
RT: 12.63 min Scan# 1811

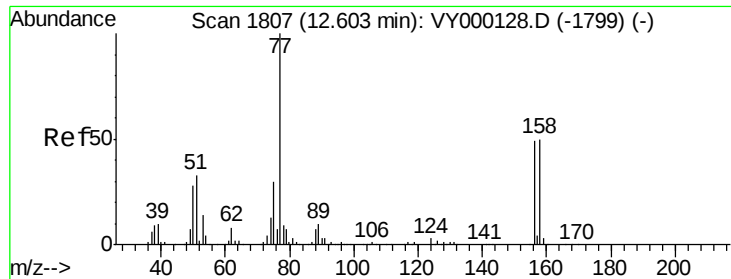
Delta R.T. -0.00 min

Lab File: VY000130.D

Acq: 23 Sep 2019 12:54

Tgt Ion:	75	Resp:	118435
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 152.462 ug/l

RT: 12.60 min Scan# 1807

Delta R.T. -0.00 min

Lab File: VY000130.D

Acq: 23 Sep 2019 12:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

Tot Ion:156 Resp: 211026

Ion Ratio Lower Upper

156 100

77 208.4 105.0 314.9

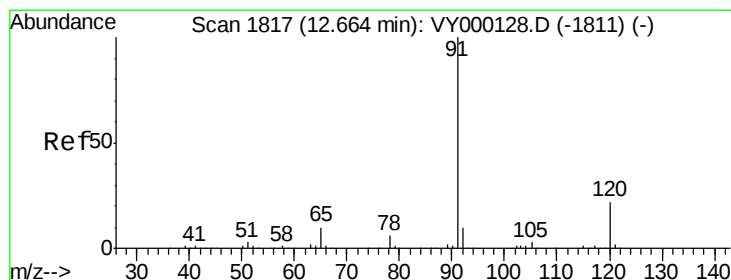
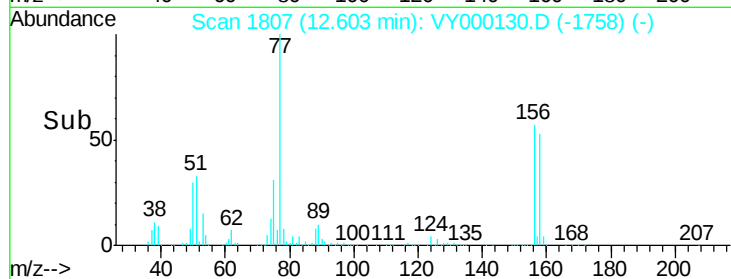
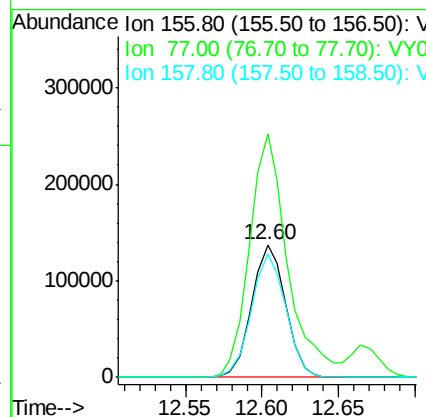
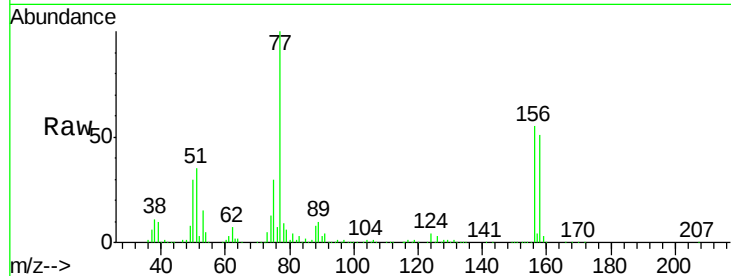
158 94.4 48.4 145.2

Manual Integrations

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#78

n-propylbenzene

Concen: 144.708 ug/l

RT: 12.66 min Scan# 1817

Delta R.T. -0.00 min

Lab File: VY000130.D

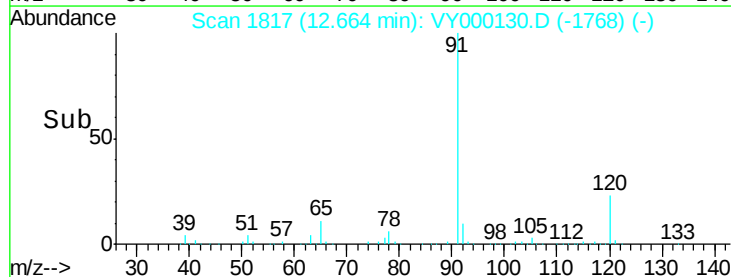
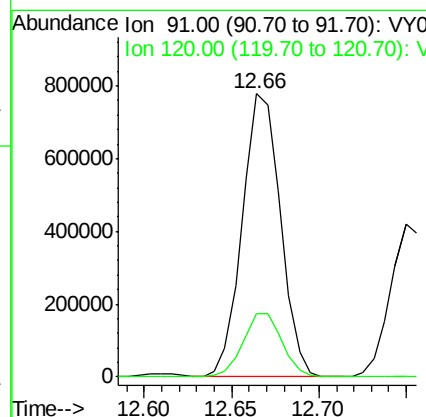
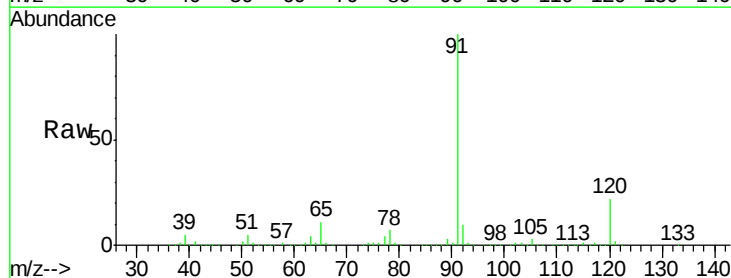
Acq: 23 Sep 2019 12:54

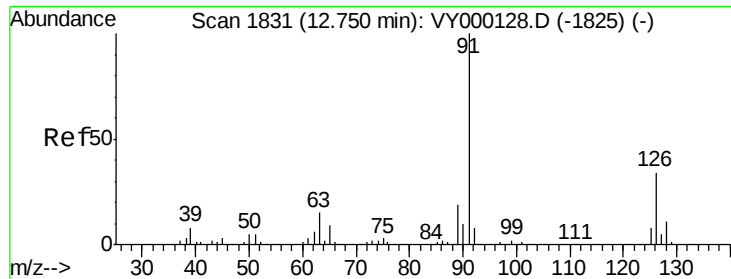
Tgt Ion: 91 Resp: 1184614

Ion Ratio Lower Upper

91 100

120 22.9 11.6 34.7





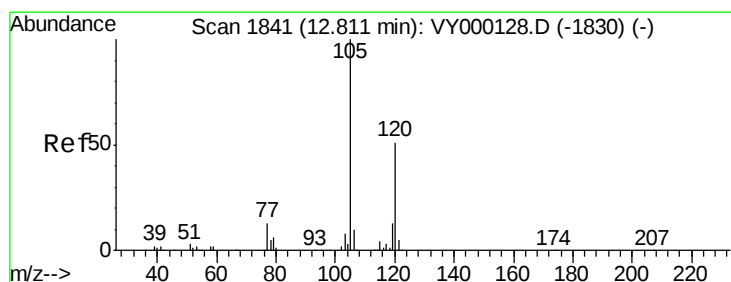
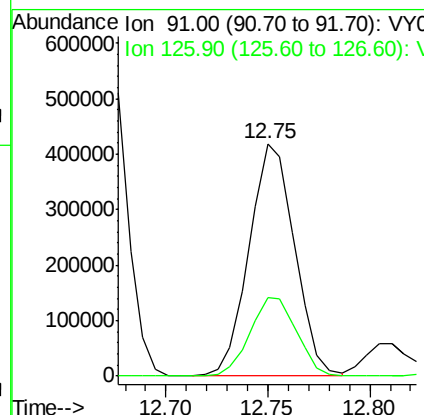
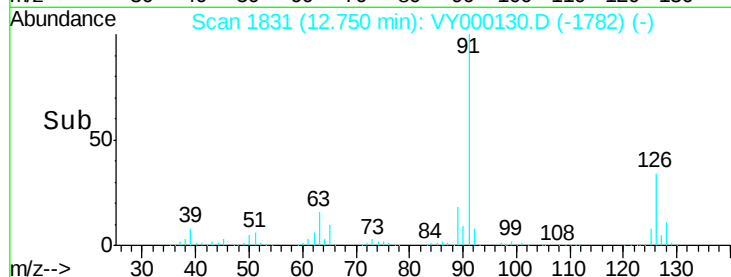
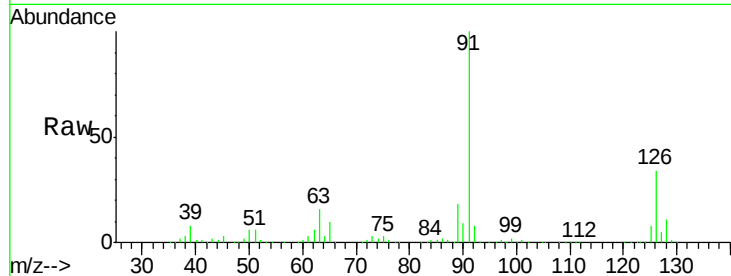
#79
2-Chlorotoluene
Concen: 144.705 ug/l
RT: 12.75 min Scan# 1831
Delta R.T. -0.00 min
Lab File: VY000130.D
Acq: 23 Sep 2019 12:54

Instrument :
MSVOA_Y
ClientSampled :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
91	100		
126	34.5	17.5	52.5

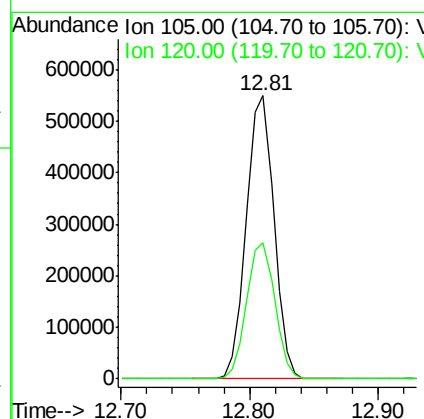
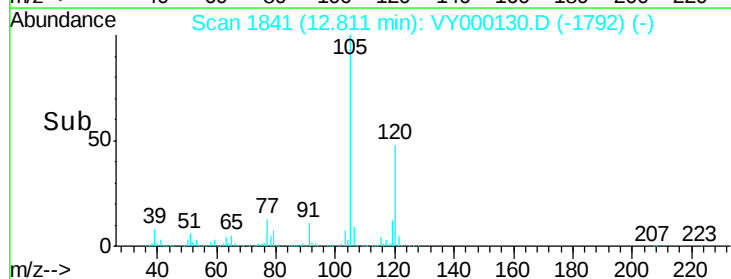
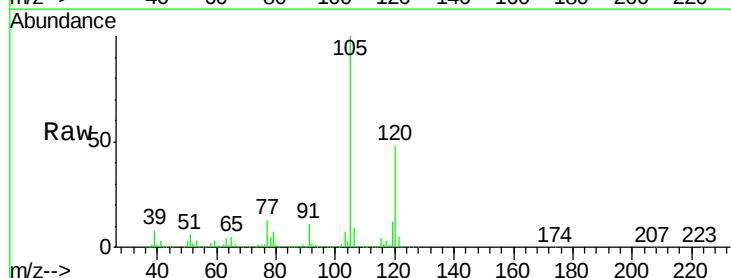
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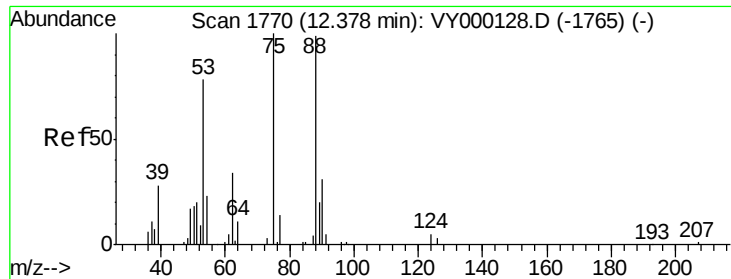
MMDadoda
9/25/2019 12:39:25 AM



#80
1,3,5-Trimethylbenzene
Concen: 146.703 ug/l
RT: 12.81 min Scan# 1841
Delta R.T. -0.00 min
Lab File: VY000130.D
Acq: 23 Sep 2019 12:54

Tgt Ion	Ratio	Lower	Upper
105	100		
120	49.4	25.3	75.8





#81

trans-1,4-Dichloro-2-butene

Concen: 154.667 ug/l

RT: 12.38 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VY000130.D

Acq: 23 Sep 2019 12:54

Instrument :

MSVOA_Y

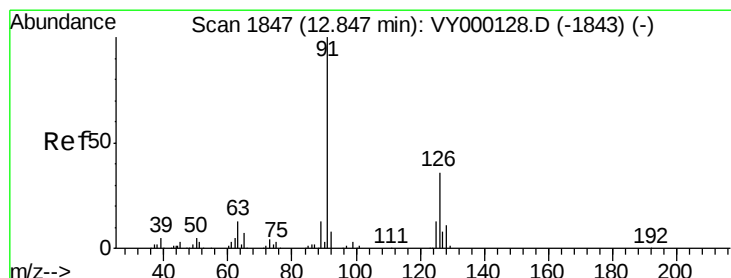
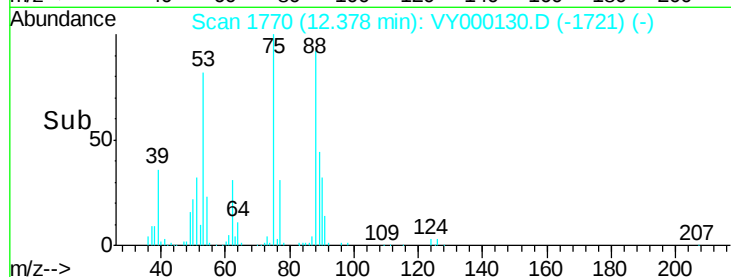
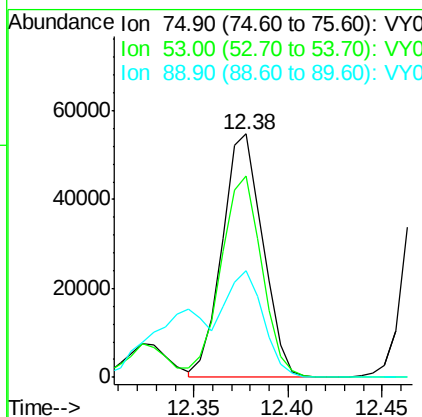
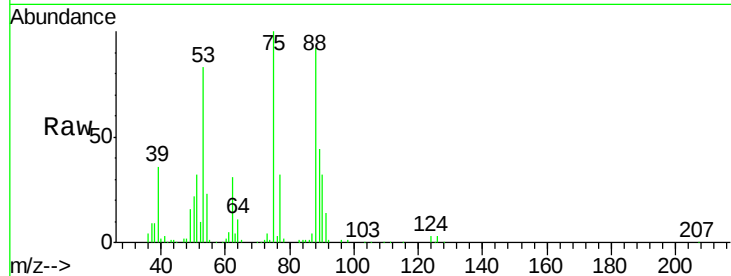
ClientSampleId :

VSTDIC150

Tot Ion:	75	Resp:	81978
Ion Ratio	Lower	Upper	
75	100		
53	83.2	62.5	93.7
89	41.4	31.4	47.2

Manual Integrations
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#82

4-Chlorotoluene

Concen: 148.287 ug/l

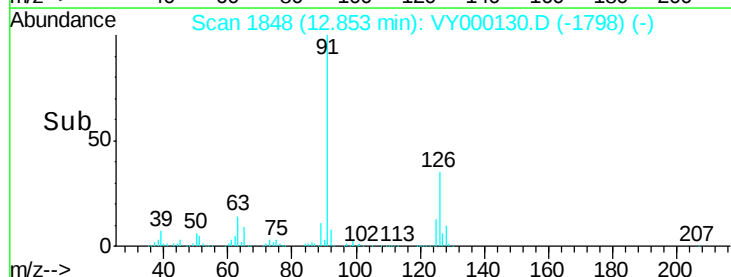
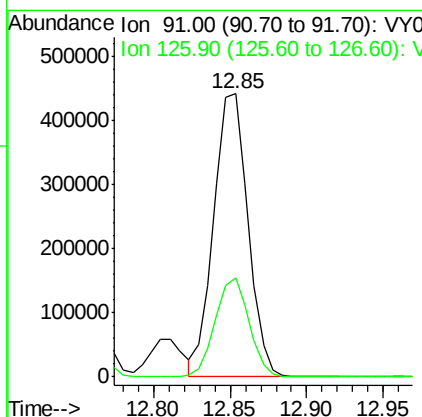
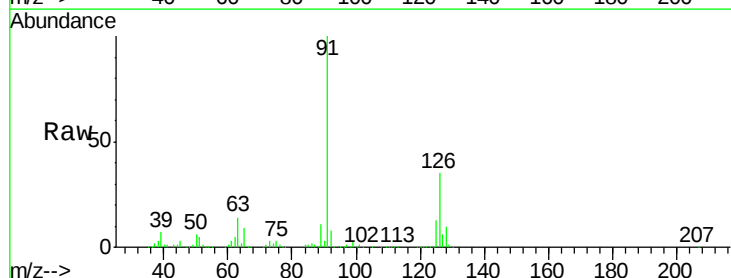
RT: 12.85 min Scan# 1848

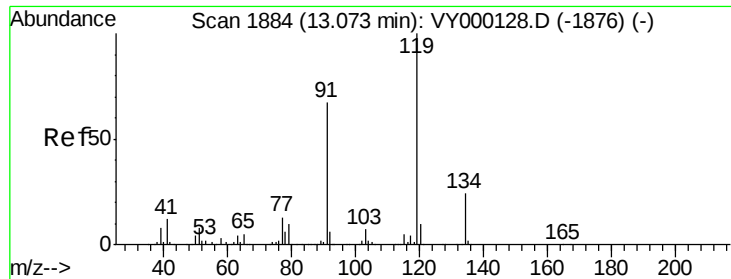
Delta R.T. 0.01 min

Lab File: VY000130.D

Acq: 23 Sep 2019 12:54

Tgt Ion:	91	Resp:	687322
Ion Ratio	Lower	Upper	
91	100		
126	34.5	17.3	51.9





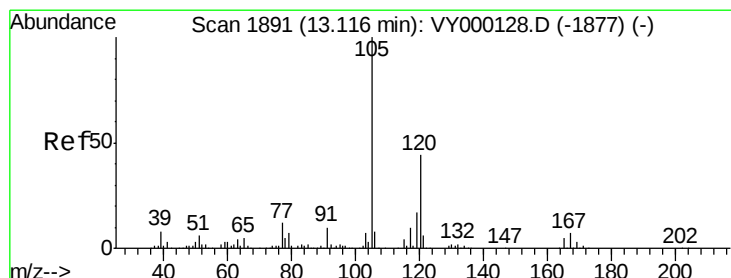
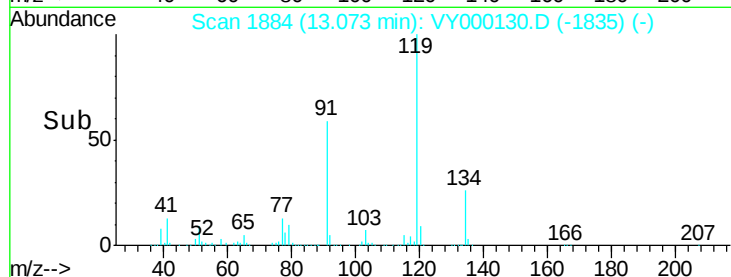
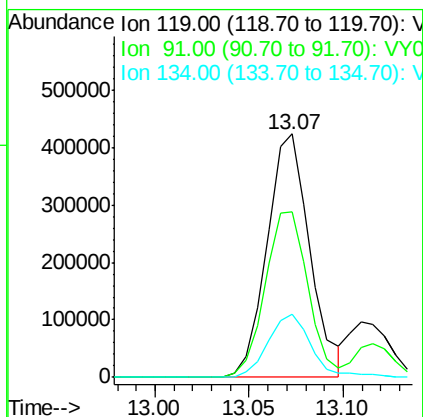
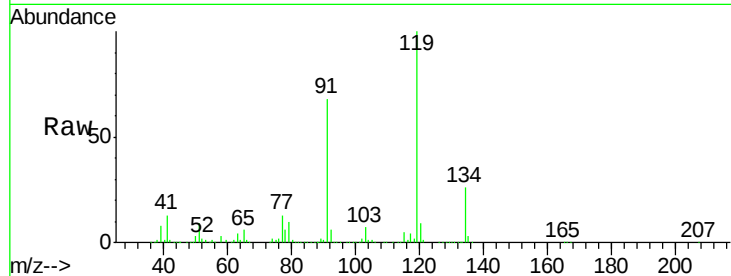
#83
 tert-Butylbenzene
 Concen: 146.942 ug/l
 RT: 13.07 min Scan# 1884
 Delta R.T. -0.00 min
 Lab File: VY000130.D
 Acq: 23 Sep 2019 12:54

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Resp	Lower	Upper
119	100	666757		
91	68.1	33.6	100.8	
134	26.3	12.6	37.6	

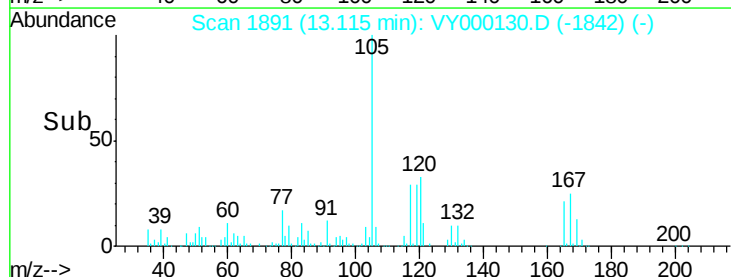
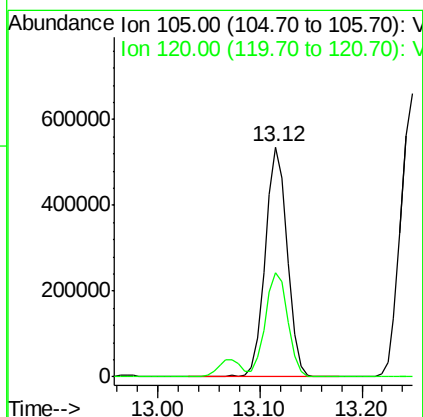
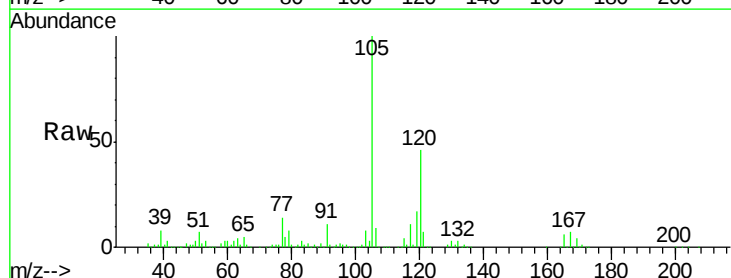
Manual Integrations
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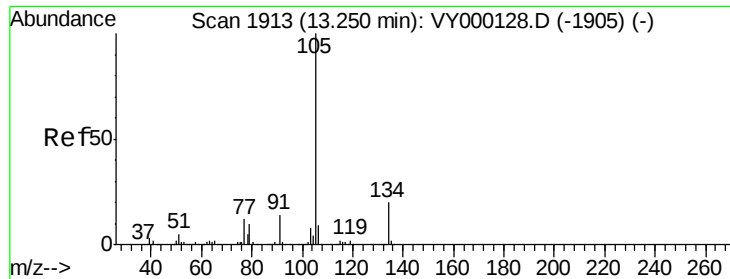
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#84
 1,2,4-Trimethylbenzene
 Concen: 145.164 ug/l
 RT: 13.12 min Scan# 1891
 Delta R.T. -0.00 min
 Lab File: VY000130.D
 Acq: 23 Sep 2019 12:54

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	802476		
120	46.0	22.9	68.8	





#85

sec-Butylbenzene

Concen: 144.492 ug/l

RT: 13.25 min Scan# 1913

Delta R.T. -0.00 min

Lab File: VY000130.D

Acq: 23 Sep 2019 12:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

Tot Ion:105 Resp: 980087

Ion Ratio Lower Upper

105 100

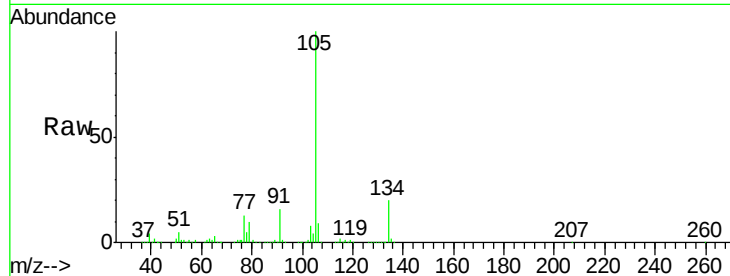
134 19.9 10.2 30.4

Manual Integrations

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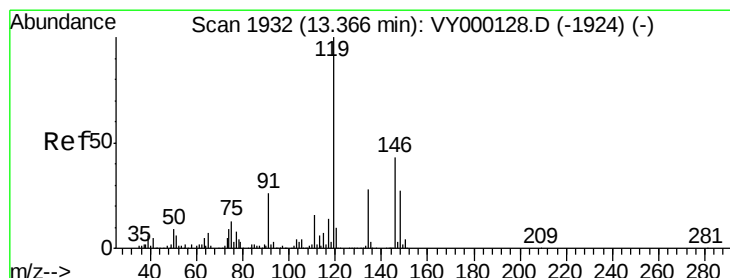
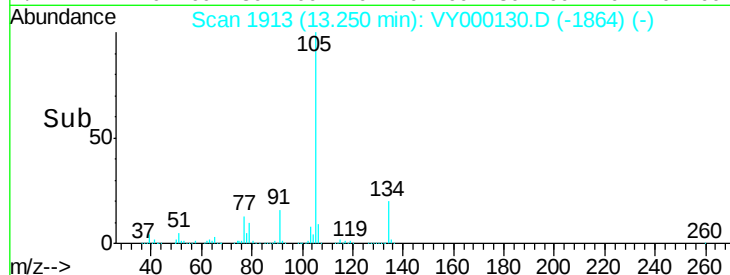
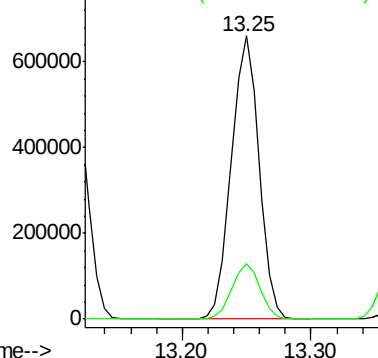
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 145.277 ug/l

RT: 13.37 min Scan# 1932

Delta R.T. -0.00 min

Lab File: VY000130.D

Acq: 23 Sep 2019 12:54

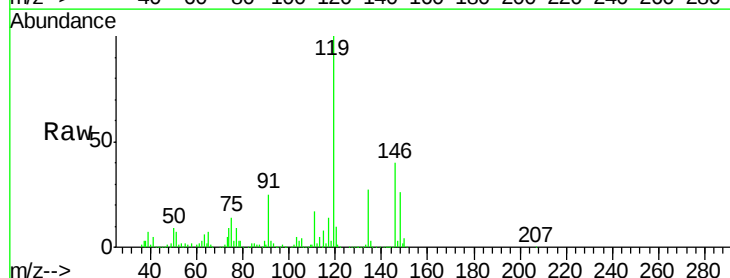
Tgt Ion:119 Resp: 840196

Ion Ratio Lower Upper

119 100

134 27.1 13.6 40.8

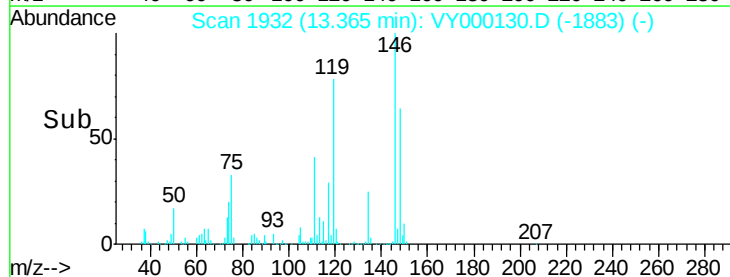
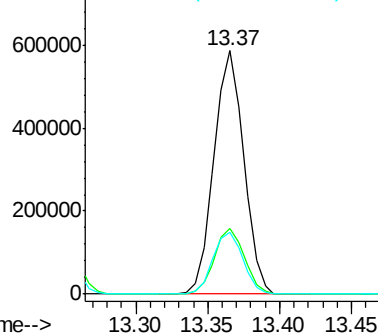
91 25.5 12.8 38.3

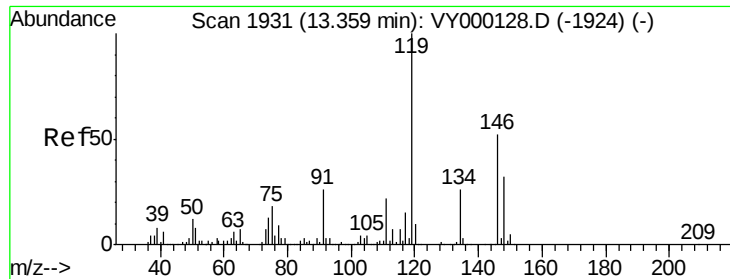


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0





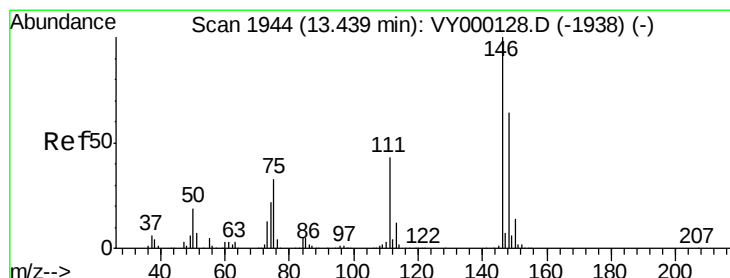
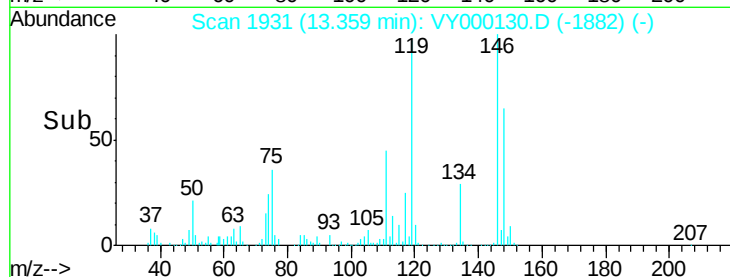
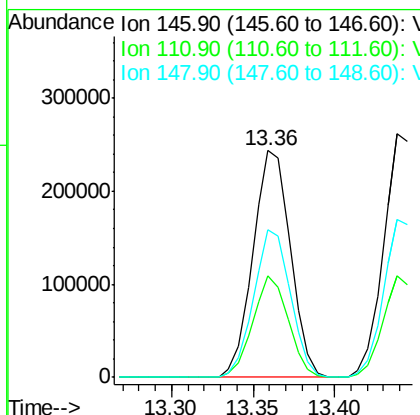
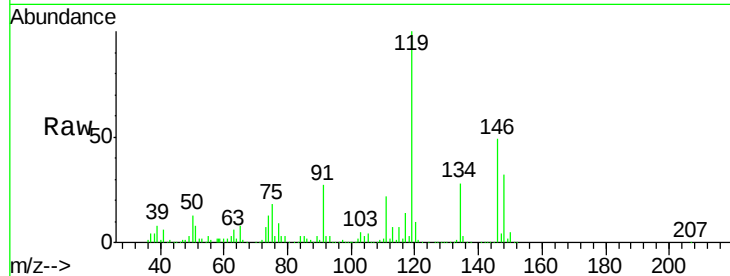
#87
 1,3-Dichlorobenzene
 Concen: 143.691 ug/l
 RT: 13.36 min Scan# 1931
 Delta R.T. -0.00 min
 Lab File: VY000130.D
 Acq: 23 Sep 2019 12:54

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Resp	Lower	Upper
146	100	389146		
111	42.7	20.4	61.2	
148	64.1	31.9	95.5	

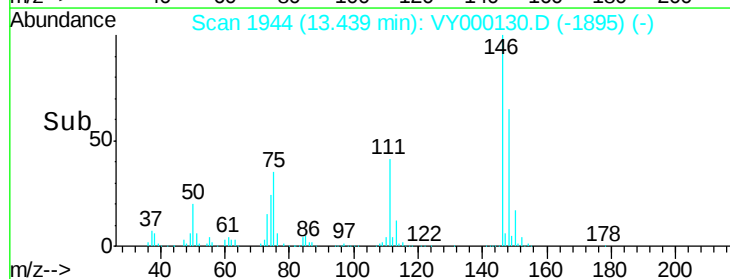
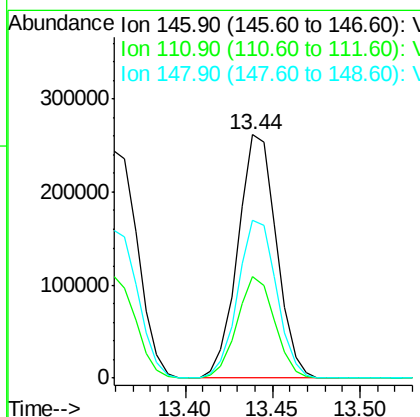
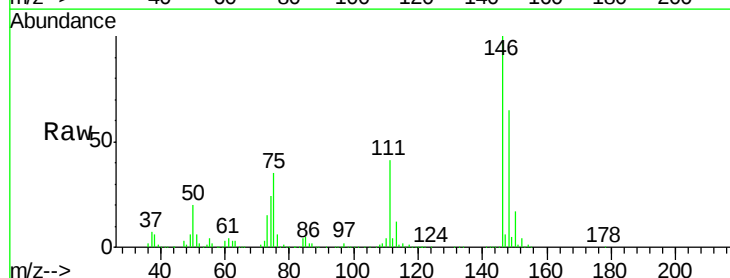
Manual Integrations
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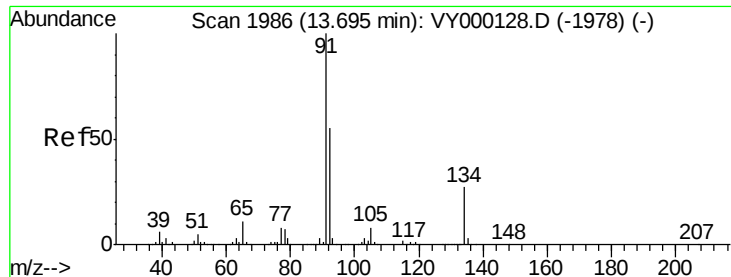
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#88
 1,4-Dichlorobenzene
 Concen: 145.180 ug/l
 RT: 13.44 min Scan# 1944
 Delta R.T. -0.00 min
 Lab File: VY000130.D
 Acq: 23 Sep 2019 12:54

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	401327		
111	40.6	20.6	61.8	
148	64.9	31.6	95.0	





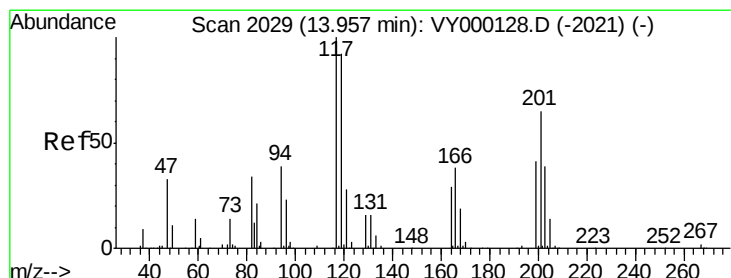
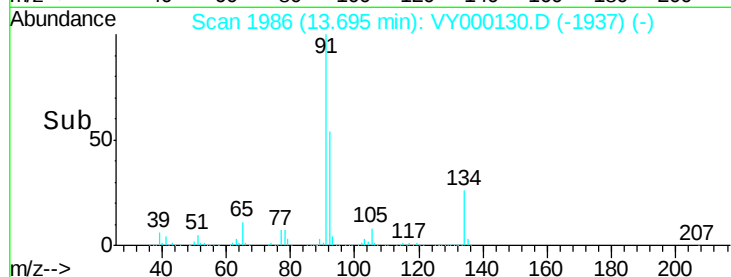
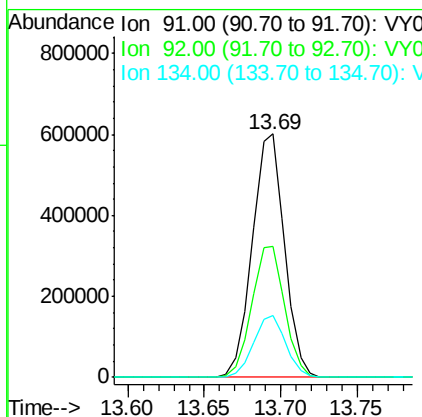
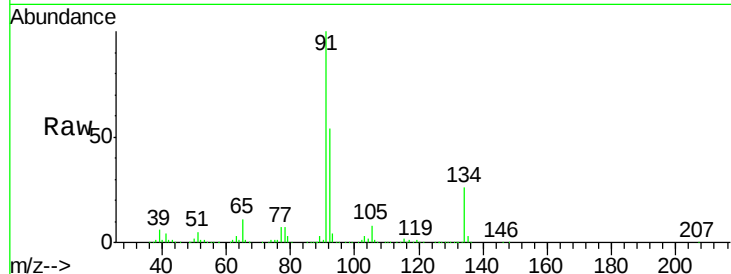
#89
n-Butylbenzene
Concen: 148.181 ug/l
RT: 13.69 min Scan# 1986
Delta R.T. -0.00 min
Lab File: VY000130.D
Acq: 23 Sep 2019 12:54

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Resp	Lower	Upper
91	100			
92	54.7	27.2	81.5	
134	25.5	12.9	38.7	

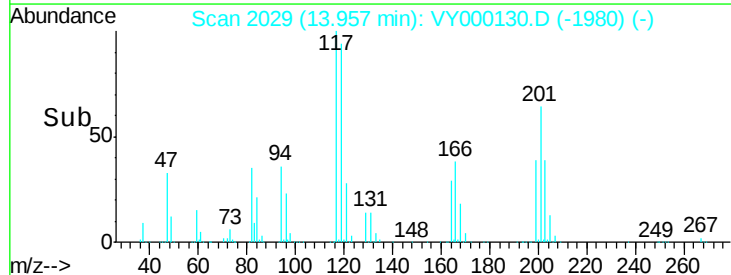
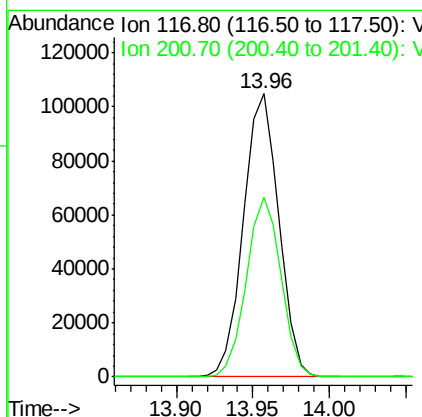
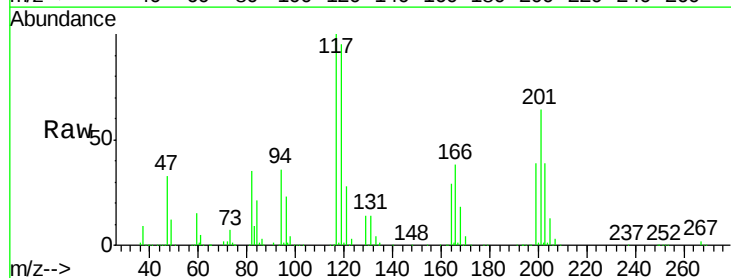
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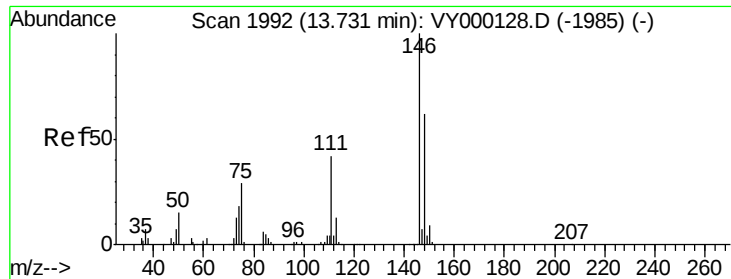
MMDadoda
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#90
Hexachloroethane
Concen: 147.019 ug/l
RT: 13.96 min Scan# 2029
Delta R.T. -0.00 min
Lab File: VY000130.D
Acq: 23 Sep 2019 12:54

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
201	62.1	30.1	90.5	





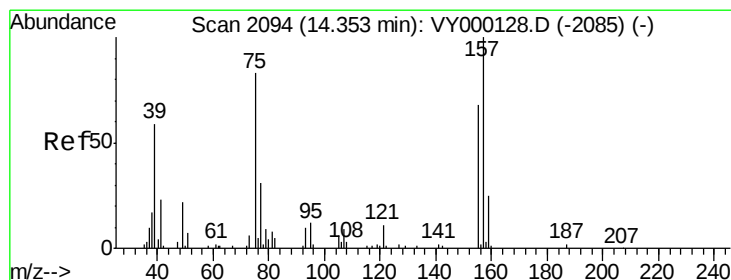
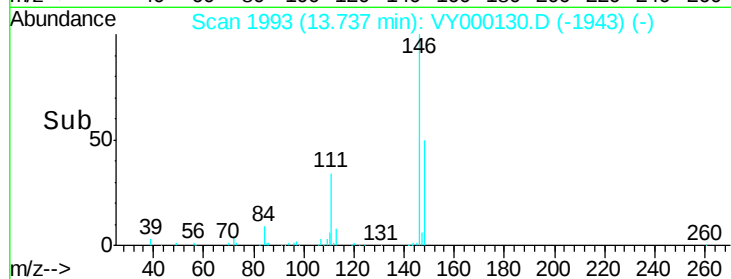
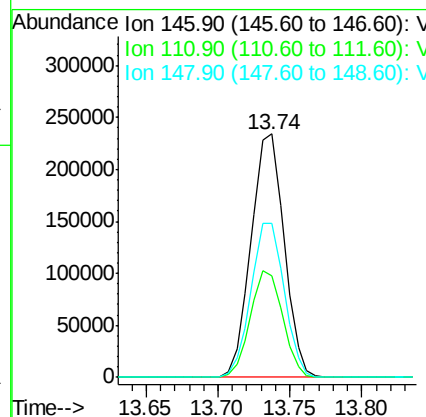
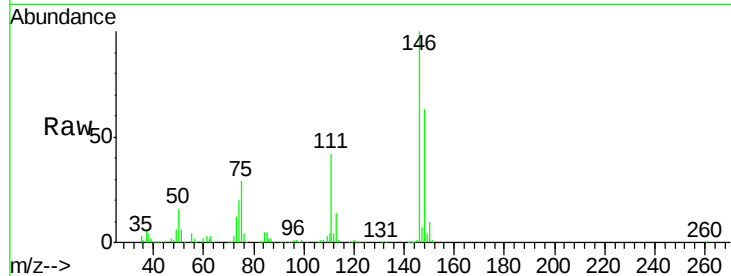
#91
 1,2-Dichlorobenzene
 Concen: 145.188 ug/l
 RT: 13.74 min Scan# 1993
 Delta R.T. 0.01 min
 Lab File: VY000130.D
 Acq: 23 Sep 2019 12:54

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.9	21.7	65.1
148	64.0	31.5	94.5

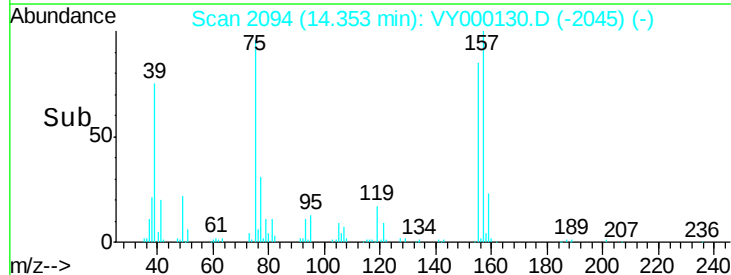
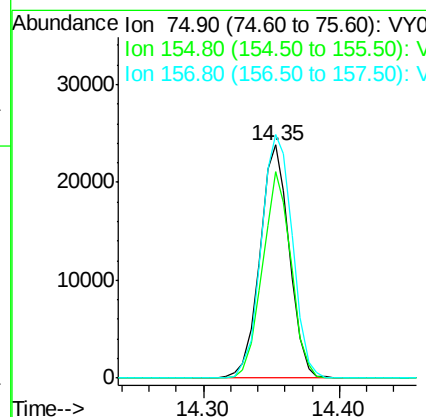
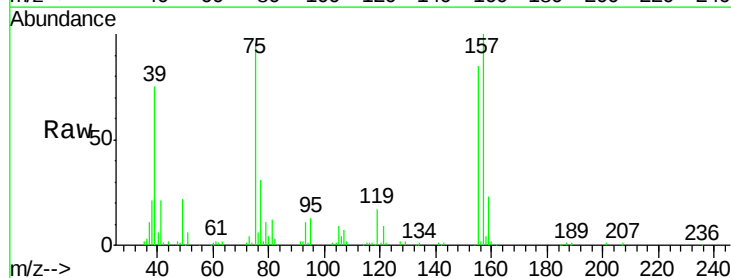
Manual Integrations
 APPROVED

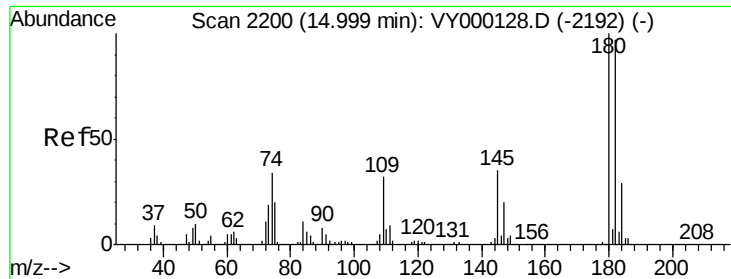
MMDadoda
 9/25/2019 12:39:25 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 148.432 ug/l
 RT: 14.35 min Scan# 2094
 Delta R.T. -0.00 min
 Lab File: VY000130.D
 Acq: 23 Sep 2019 12:54

Tgt Ion	Ratio	Lower	Upper
75	100		
155	86.4	44.7	134.1
157	110.8	55.9	167.7





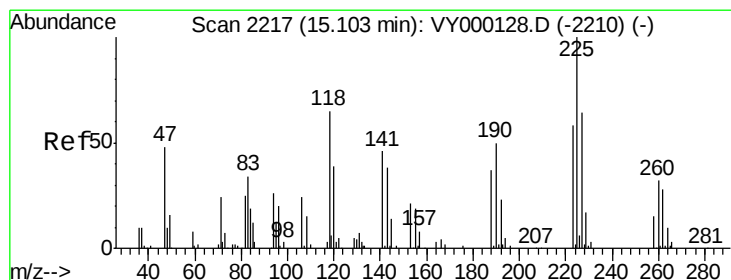
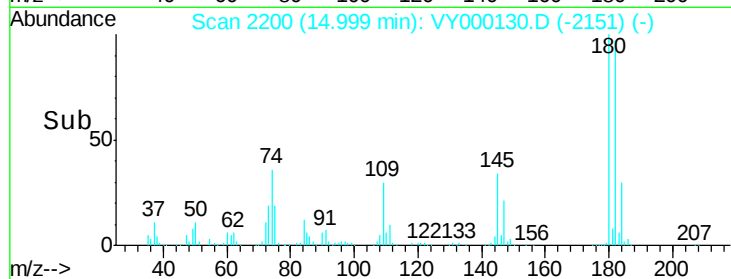
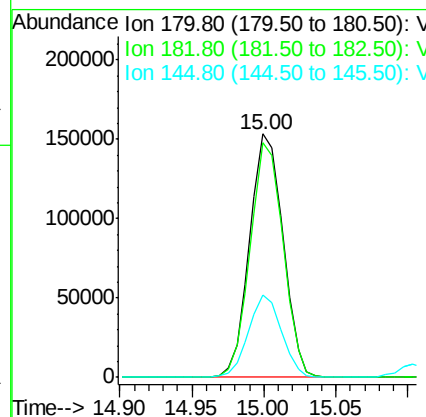
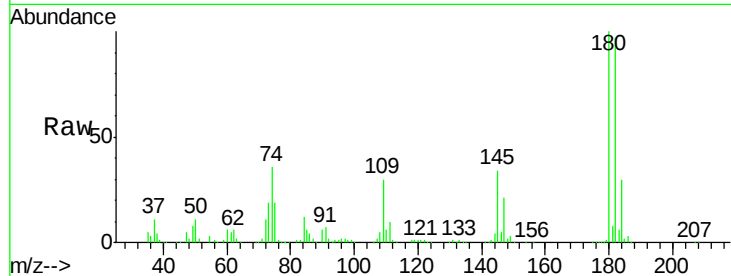
#93
1,2,4-Trichlorobenzene
Concen: 149.870 ug/l
RT: 15.00 min Scan# 2200
Delta R.T. -0.00 min
Lab File: VY000130.D
Acq: 23 Sep 2019 12:54

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Resp	Lower	Upper
180	100	246190		
182	95.1	46.1	138.2	
145	33.4	16.8	50.3	

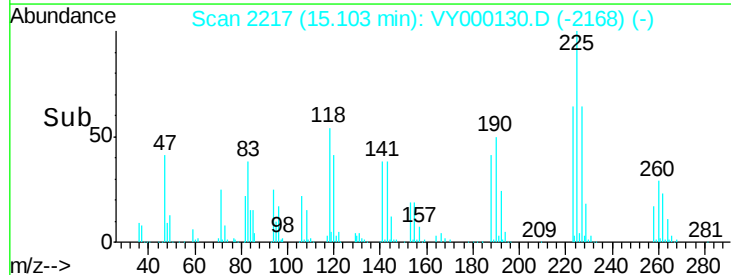
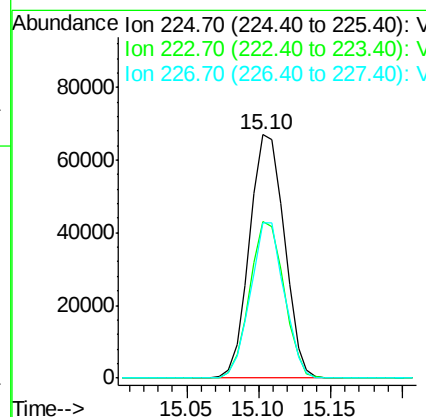
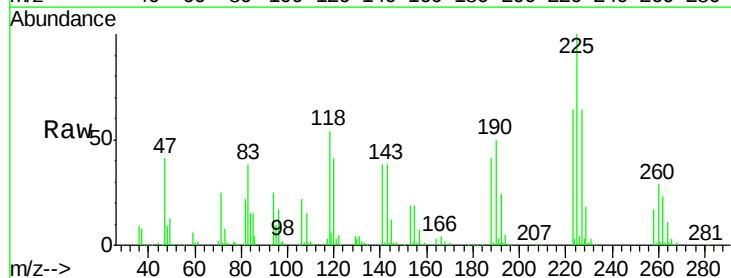
Manual Integrations
APPROVED

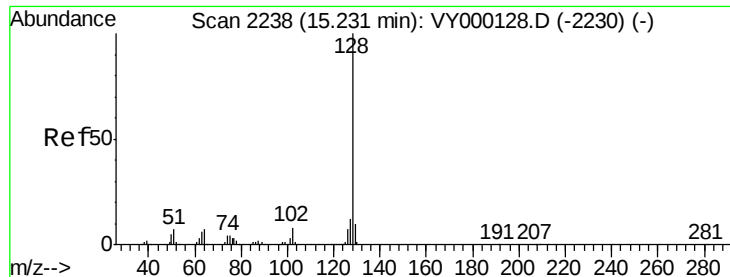
MMDadoda
9/25/2019 12:39:25 AM



#94
Hexachlorobutadiene
Concen: 153.374 ug/l
RT: 15.10 min Scan# 2217
Delta R.T. -0.00 min
Lab File: VY000130.D
Acq: 23 Sep 2019 12:54

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	111981		
223	63.2	31.9	95.5	
227	61.8	32.3	96.8	





#95

Naphthalene

Concen: 154.458 ug/l

RT: 15.23 min Scan# 2238

Delta R.T. -0.00 min

Lab File: VY000130.D

Acq: 23 Sep 2019 12:54

Instrument :

MSVOA_Y

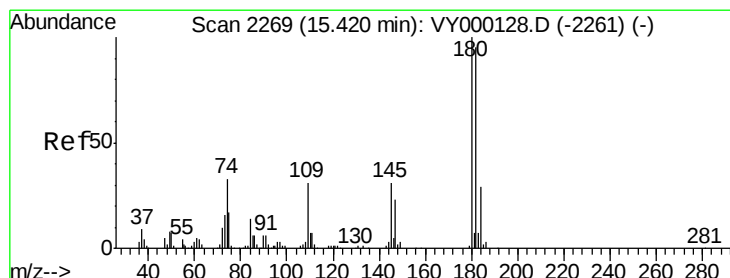
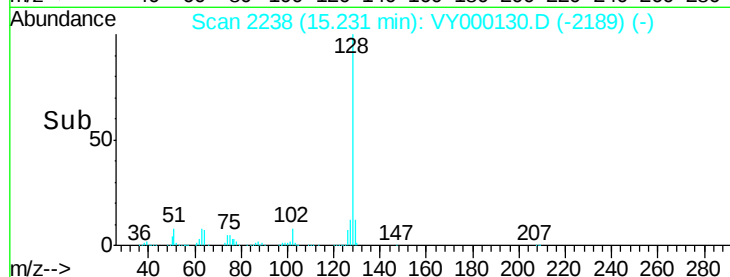
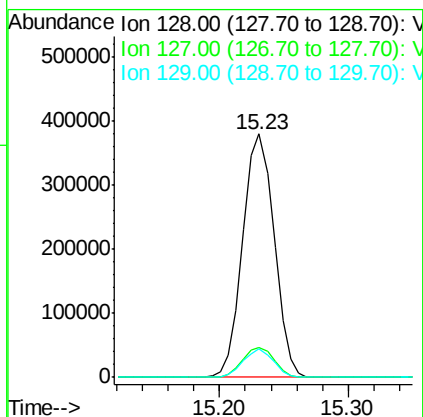
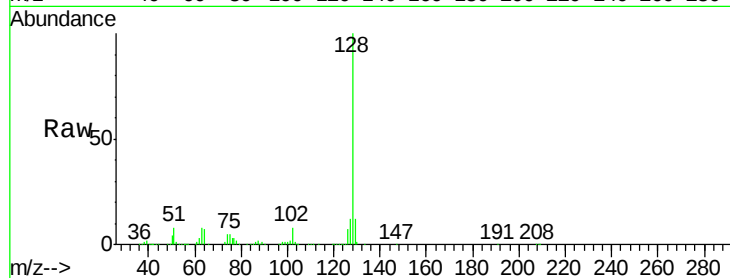
ClientSampleId :

VSTDIC150

Tot Ion:	128	Resp:	641394
Ion Ratio	Lower	Upper	
128	100		
127	12.3	9.7	14.5
129	11.1	8.3	12.5

Manual Integrations
APPROVED

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



#96

1,2,3-Trichlorobenzene

Concen: 151.334 ug/l

RT: 15.42 min Scan# 2269

Delta R.T. -0.00 min

Lab File: VY000130.D

Acq: 23 Sep 2019 12:54

Tgt Ion:	180	Resp:	221718
Ion Ratio	Lower	Upper	
180	100		
182	95.5	47.4	142.3
145	35.0	17.5	52.6

