

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092024\
 Data File : VY019649.D
 Acq On : 20 Sep 2024 16:33
 Operator : SY/MD
 Sample : P4103-16
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Sep 20 23:51:38 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090924S.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 09 16:00:30 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.701	168	102899	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.610	114	180537	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	160500	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	71387	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	55170	57.902	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 115.800%	
35) Dibromofluoromethane	7.628	113	55852	54.564	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 109.120%	
50) Toluene-d8	10.103	98	222068	58.653	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 117.300%	
62) 4-Bromofluorobenzene	12.402	95	78290	53.779	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 107.560%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.050	85	49	Below Cal	#	43
11) Tert butyl alcohol	4.824	59	981	12.749	ug/l	# 88
13) Acrolein	3.653	56	52	Below Cal	#	1
14) Allyl chloride	4.592	41	6453	3.942	ug/l	# 50
15) Acrylonitrile	5.116	53	1894	8.527	ug/l	# 13
16) Acetone	3.854	43	11537	50.825	ug/l	# 86
20) Methylene Chloride	4.616	84	4626	4.469	ug/l	# 84
25) 2-Butanone	6.890	43	8819	27.316	ug/l	# 73
29) Tetrahydrofuran	7.238	42	271	1.381	ug/l	# 26
31) Cyclohexane	7.677	56	63720	37.367	ug/l	# 44
36) 1,1-Dichloropropene	7.695	75	9532	6.844	ug/l	# 58
37) Ethyl Acetate	6.890	43	8846	12.395	ug/l	# 68
38) Carbon Tetrachloride	7.701	117	11440	7.283	ug/l	# 13
39) Methylcyclohexane	9.103	83	91670	49.456	ug/l	# 78
43) Isopropyl Acetate	8.183	43	26768	17.853	ug/l	# 47
47) Bromodichloromethane	9.408	83	6981	4.528	ug/l	# 31
48) Methyl methacrylate	9.244	41	26786	37.832	ug/l	# 22
49) 1,4-Dioxane	9.298	88	19	2.814	ug/l	# 20
51) 4-Methyl-2-Pentanone	10.036	43	60629	80.377	ug/l	# 69
52) Toluene	10.170	92	6195	2.245	ug/l	97
55) 1,1,2-Trichloroethane	10.542	97	51836	65.447	ug/l	# 24
56) Ethyl methacrylate	10.445	69	7295	6.063	ug/l	# 1
58) 2-Chloroethyl Vinyl ether	9.786	63	1118	2.002	ug/l	92
59) 2-Hexanone	10.725	43	78592	142.118	ug/l	# 25
61) 1,2-Dibromoethane	10.853	107	807	1.094	ug/l	82
67) Ethyl Benzene	11.518	91	1842276	328.409	ug/l	99
68) m/p-Xylenes	11.621	106	2337041	1101.778	ug/l	95
69) o-Xylene	11.950	106	260674	125.661	ug/l	96
70) Styrene	11.950	104	17283	4.935	ug/l	# 1
73) Isopropylbenzene	12.249	105	562812	108.674	ug/l	100
74) N-amyl acetate	12.048	43	84247	59.814	ug/l	# 51
75) 1,1,2,2-Tetrachloroethane	12.566	83	18084	19.673	ug/l	# 2
76) 1,2,3-Trichloropropane	12.591	75	20426	30.527	ug/l	# 100
77) Bromobenzene	12.597	156	29440	25.631	ug/l	# 1
78) n-propylbenzene	12.591	91	3016982	491.492	ug/l	100
79) 2-Chlorotoluene	12.688	91	215343	60.197	ug/l	# 39

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

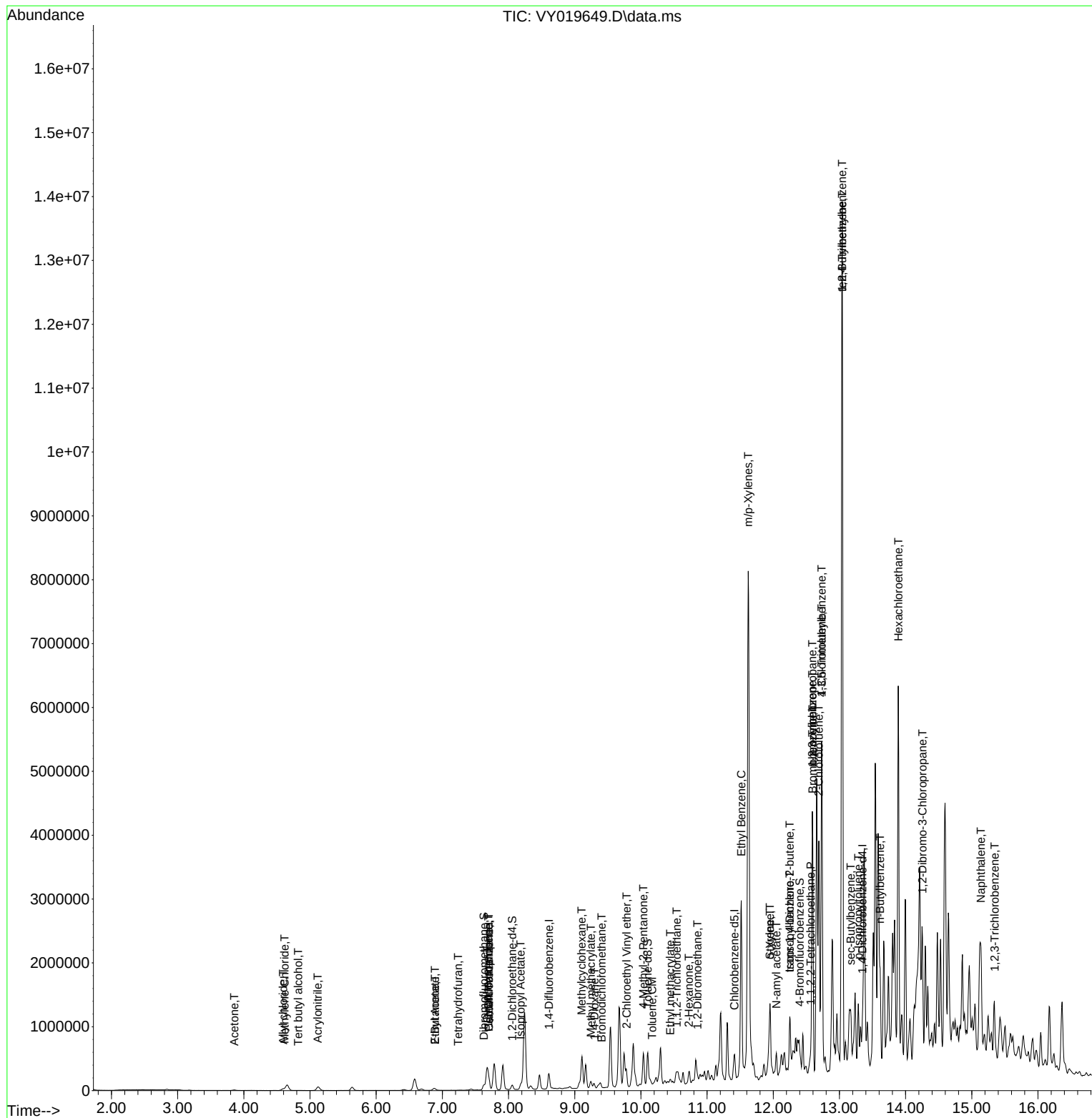
80) 1,3,5-Trimethylbenzene	12.731	105	2110155	501.197	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.249	75	7027	20.161	ug/l #	62
82) 4-Chlorotoluene	12.731	91	229089	62.291	ug/l #	41
83) tert-Butylbenzene	13.042	119	859518	225.506	ug/l #	57
84) 1,2,4-Trimethylbenzene	13.042	105	6943273	1666.026	ug/l	100
85) sec-Butylbenzene	13.170	105	415466	75.034	ug/l #	59
86) p-Isopropyltoluene	13.286	119	123698	27.305	ug/l	97
89) n-Butylbenzene	13.615	91	1071222	247.347	ug/l #	72
90) Hexachloroethane	13.889	117	245777	260.741	ug/l #	12
92) 1,2-Dibromo-3-Chloropr...	14.255	75	6212	40.548	ug/l #	23
95) Naphthalene	15.139	128	1088538	448.732	ug/l	99
96) 1,2,3-Trichlorobenzene	15.346	180	2627	2.535	ug/l #	79

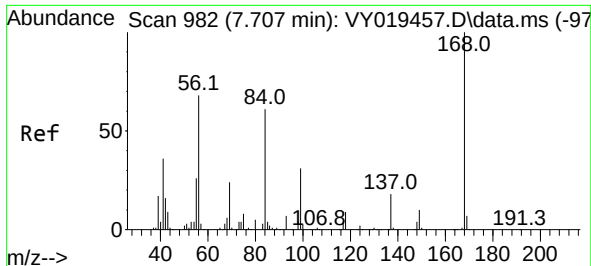
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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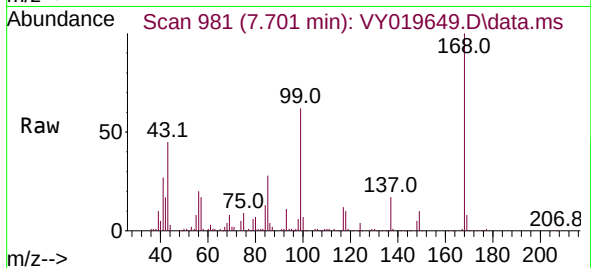
Quant Time: Sep 20 23:51:38 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090924S.M
Quant Title : SW846 8260
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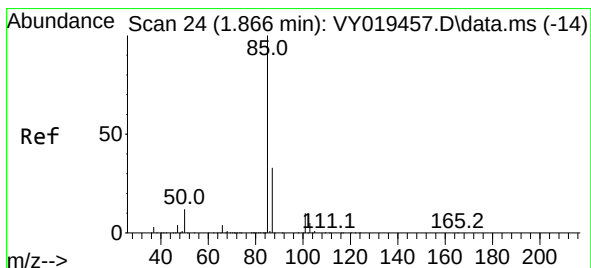
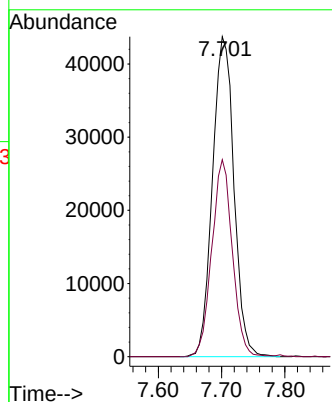
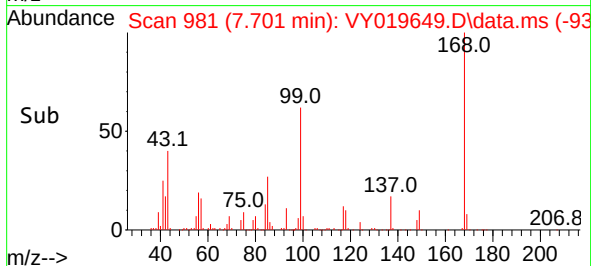


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.701 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY019649.D
Acq: 20 Sep 2024 16:33

Instrument :
MSVOA_Y
ClientSampleId :

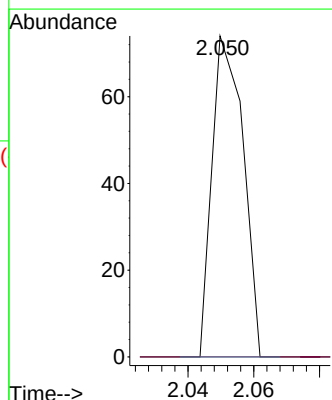
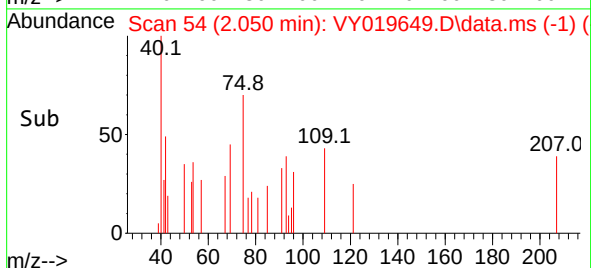
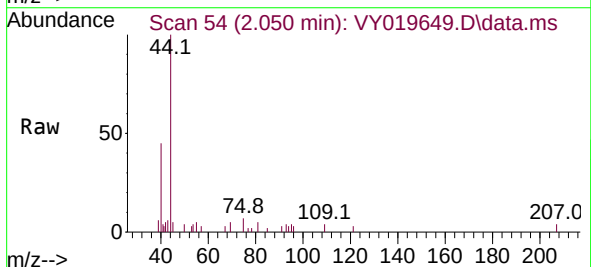


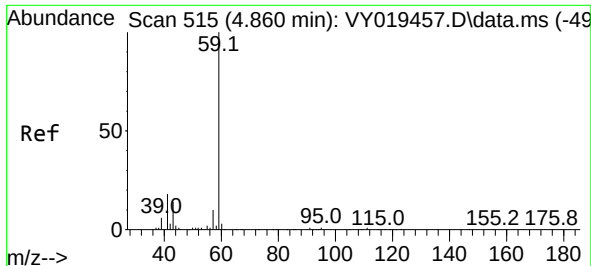
Tgt Ion:168 Resp: 102899
Ion Ratio Lower Upper
168 100
99 61.5 39.1 58.7#



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 2.050 min Scan# 54
Delta R.T. 0.184 min
Lab File: VY019649.D
Acq: 20 Sep 2024 16:33

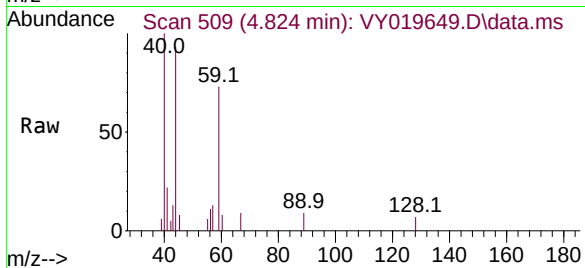
Tgt Ion: 85 Resp: 49
Ion Ratio Lower Upper
85 100
87 0.0 16.0 48.0#



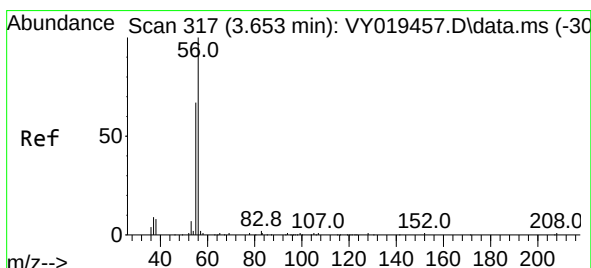
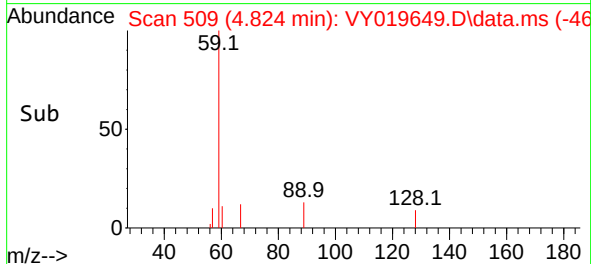
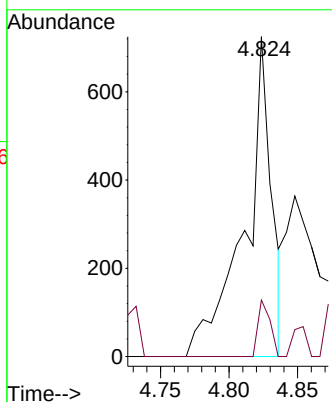


#11
Tert butyl alcohol
Concen: 12.749 ug/l
RT: 4.824 min Scan# 509
Delta R.T. -0.036 min
Lab File: VY019649.D
Acq: 20 Sep 2024 16:33

Instrument :
MSVOA_Y
ClientSampleId :

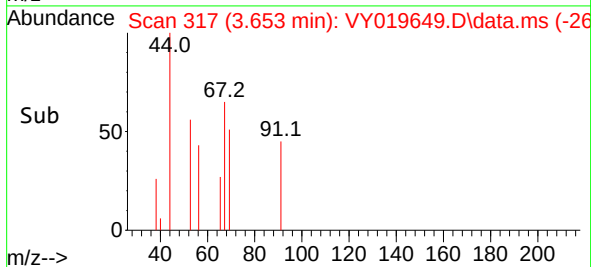
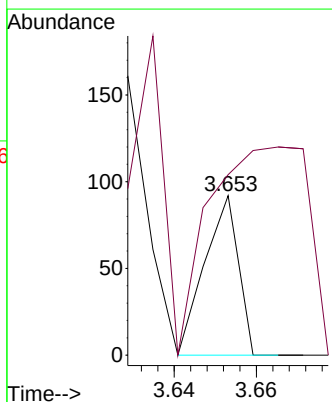
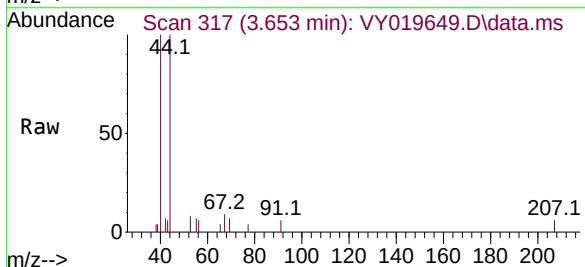


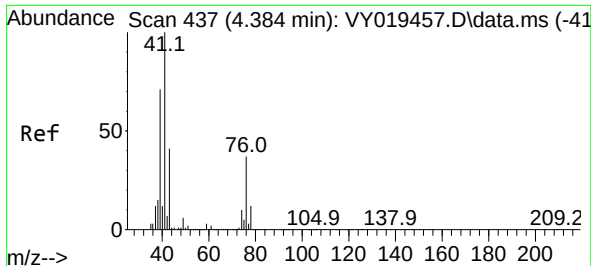
Tgt Ion: 59 Resp: 981
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.6#



#13
Acrolein
Concen: Below Cal
RT: 3.653 min Scan# 317
Delta R.T. 0.000 min
Lab File: VY019649.D
Acq: 20 Sep 2024 16:33

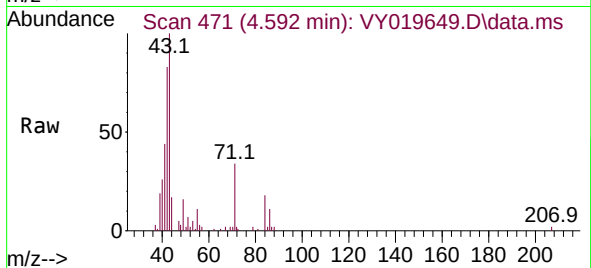
Tgt Ion: 56 Resp: 52
Ion Ratio Lower Upper
56 100
55 384.6 55.7 83.5#



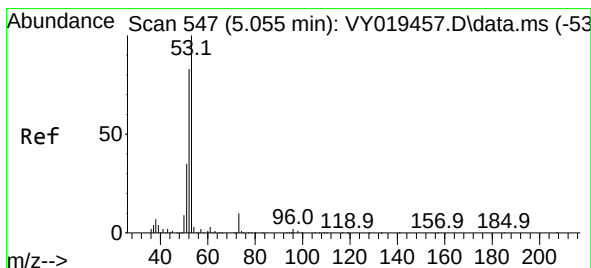
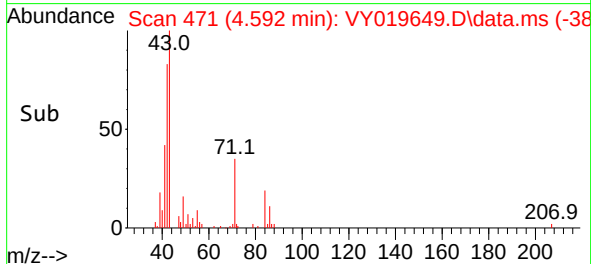
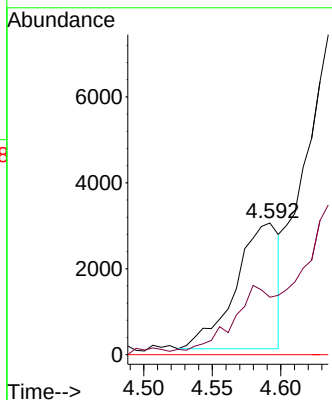


#14
Allyl chloride
Concen: 3.942 ug/l
RT: 4.592 min Scan# 41
Delta R.T. 0.208 min
Lab File: VY019649.D
Acq: 20 Sep 2024 16:33

Instrument :
MSVOA_Y
ClientSampleId :

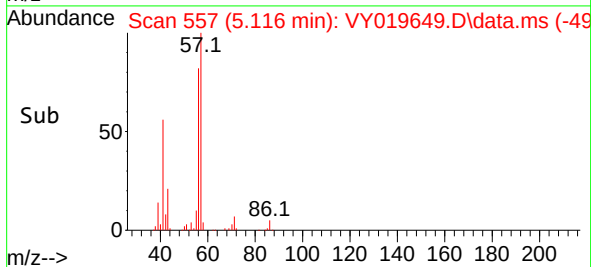
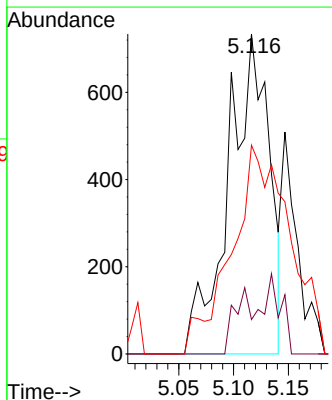
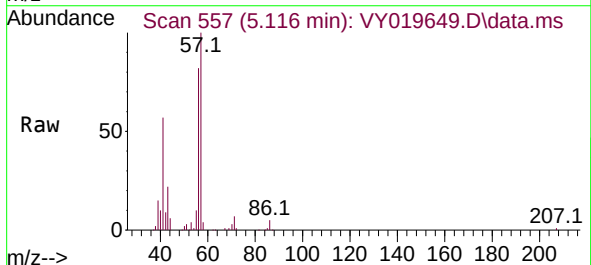


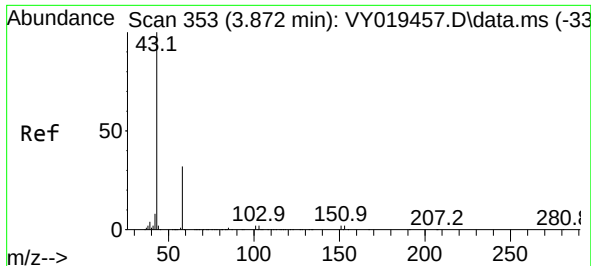
Tgt Ion: 41 Resp: 6453
Ion Ratio Lower Upper
41 100
39 43.8 58.3 87.5#
76 0.0 39.0 58.6#



#15
Acrylonitrile
Concen: 8.527 ug/l
RT: 5.116 min Scan# 557
Delta R.T. 0.061 min
Lab File: VY019649.D
Acq: 20 Sep 2024 16:33

Tgt Ion: 53 Resp: 1894
Ion Ratio Lower Upper
53 100
52 8.4 64.7 97.1#
51 93.4 28.4 42.6#

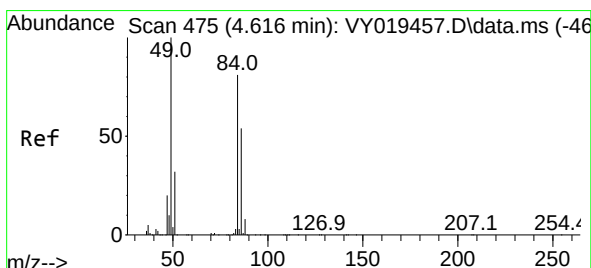
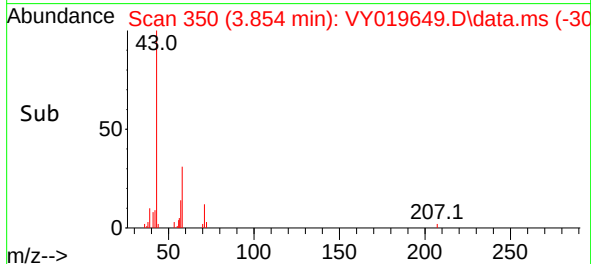
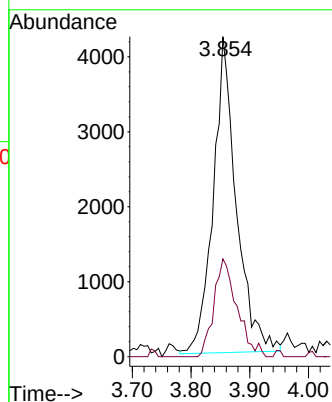
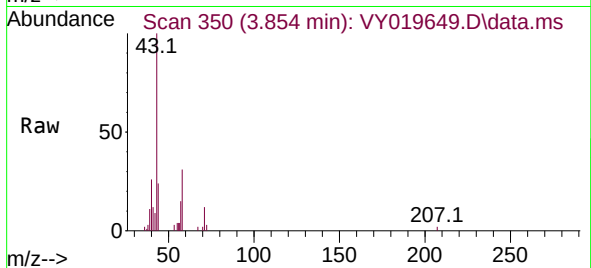




#16
Acetone
Concen: 50.825 ug/l
RT: 3.854 min Scan# 311
Delta R.T. -0.018 min
Lab File: VY019649.D
Acq: 20 Sep 2024 16:33

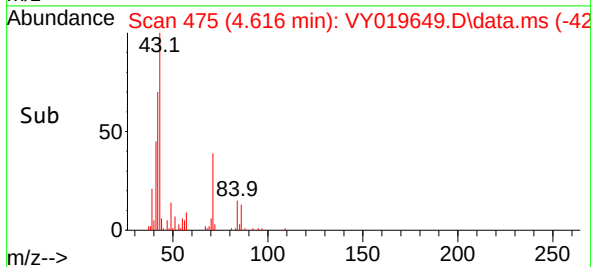
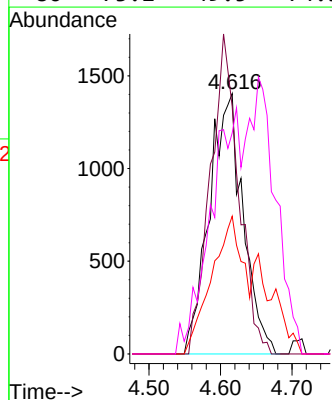
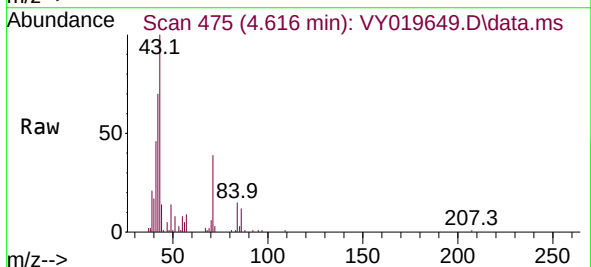
Instrument :
MSVOA_Y
ClientSampleId :

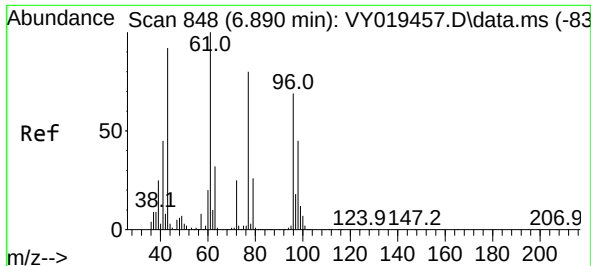
Tgt Ion: 43 Resp: 11537
Ion Ratio Lower Upper
43 100
58 31.1 31.7 47.5#



#20
Methylene Chloride
Concen: 4.469 ug/l
RT: 4.616 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY019649.D
Acq: 20 Sep 2024 16:33

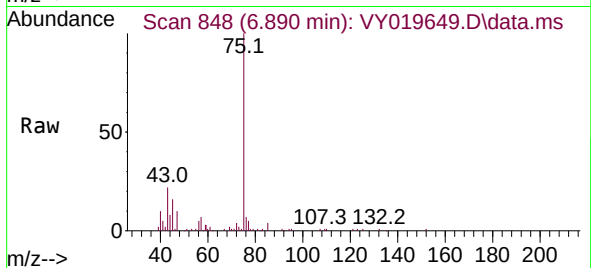
Tgt Ion: 84 Resp: 4626
Ion Ratio Lower Upper
84 100
49 95.0 84.4 126.6
51 52.9 26.0 39.0#
86 73.2 49.5 74.3



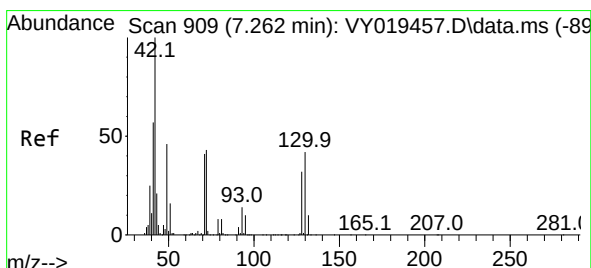
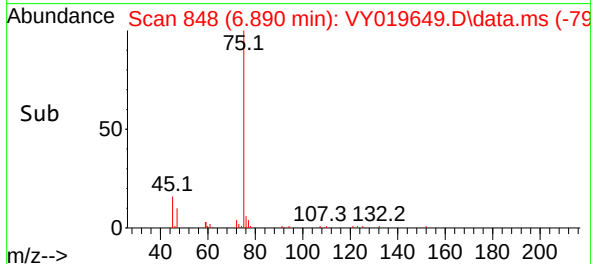
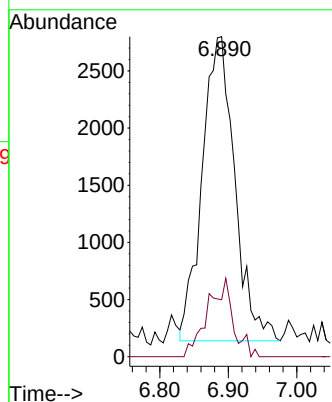


#25
2-Butanone
Concen: 27.316 ug/l
RT: 6.890 min Scan# 848
Delta R.T. 0.000 min
Lab File: VY019649.D
Acq: 20 Sep 2024 16:33

Instrument :
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ClientSampleId :

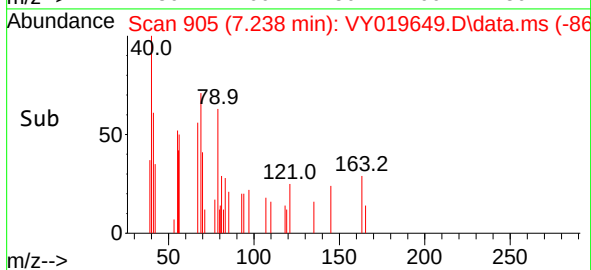
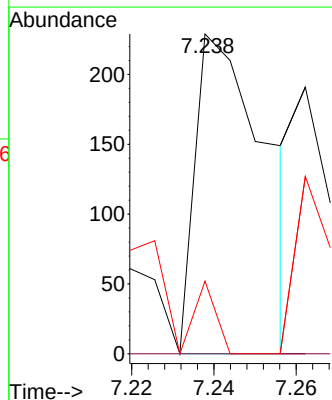
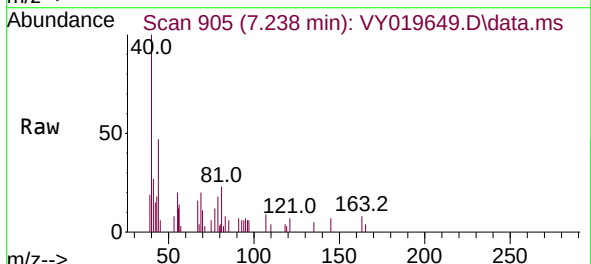


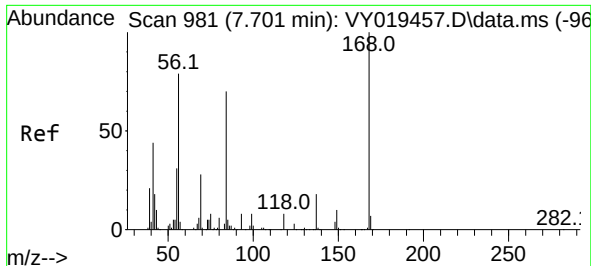
Tgt Ion: 43 Resp: 8819
Ion Ratio Lower Upper
43 100
72 18.7 27.3 40.9#



#29
Tetrahydrofuran
Concen: 1.381 ug/l
RT: 7.238 min Scan# 905
Delta R.T. -0.024 min
Lab File: VY019649.D
Acq: 20 Sep 2024 16:33

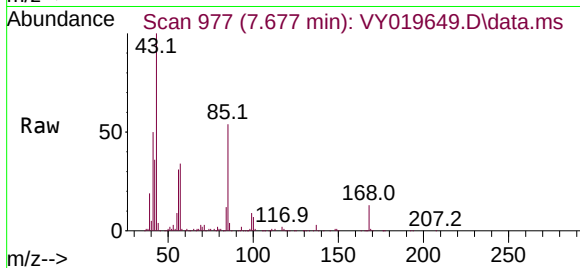
Tgt Ion: 42 Resp: 271
Ion Ratio Lower Upper
42 100
72 0.0 43.0 64.4#
71 0.0 40.8 61.2#



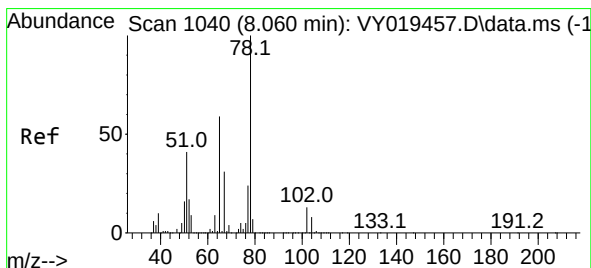
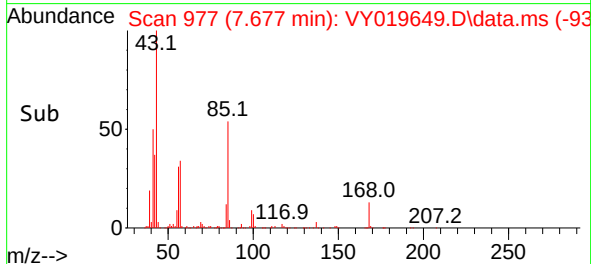
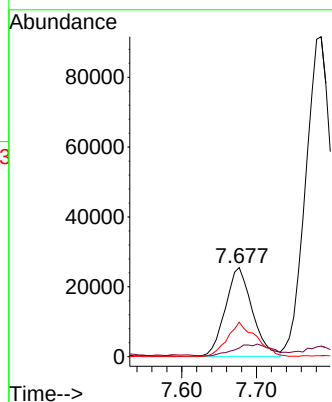


#31
Cyclohexane
Concen: 37.367 ug/l
RT: 7.677 min Scan# 91
Delta R.T. -0.024 min
Lab File: VY019649.D
Acq: 20 Sep 2024 16:33

Instrument :
MSVOA_Y
ClientSampleId :

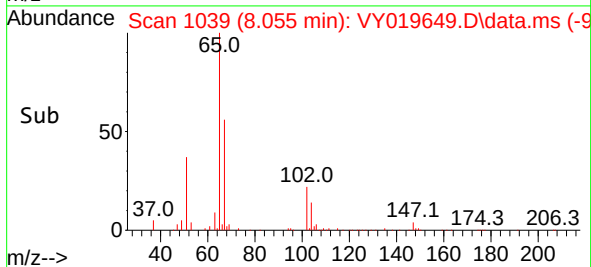
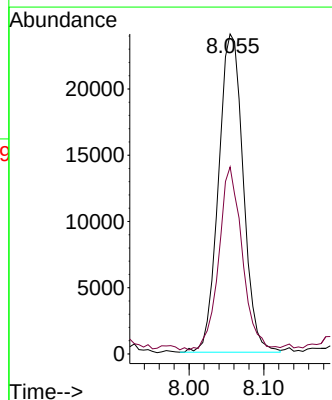
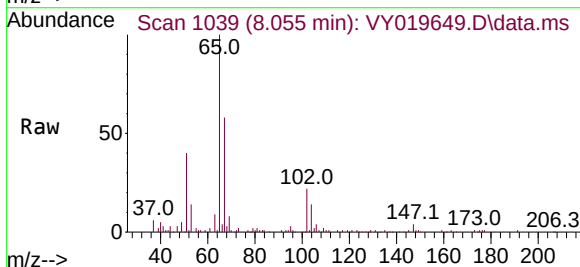


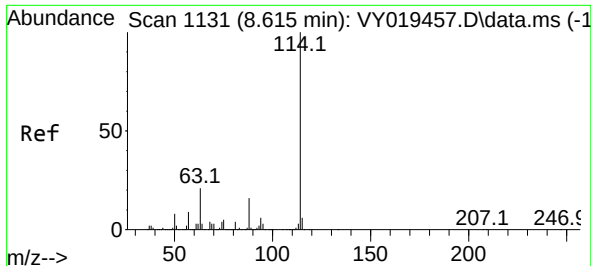
Tgt Ion: 56 Resp: 63720
Ion Ratio Lower Upper
56 100
69 8.0 28.7 43.1#
84 38.7 77.7 116.5#



#33
1,2-Dichloroethane-d4
Concen: 57.902 ug/l
RT: 8.055 min Scan# 1039
Delta R.T. -0.006 min
Lab File: VY019649.D
Acq: 20 Sep 2024 16:33

Tgt Ion: 65 Resp: 55170
Ion Ratio Lower Upper
65 100
67 54.6 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.610 min Scan# 1131

Delta R.T. -0.006 min

Lab File: VY019649.D

Acq: 20 Sep 2024 16:33

Instrument :

MSVOA_Y

ClientSampleId :

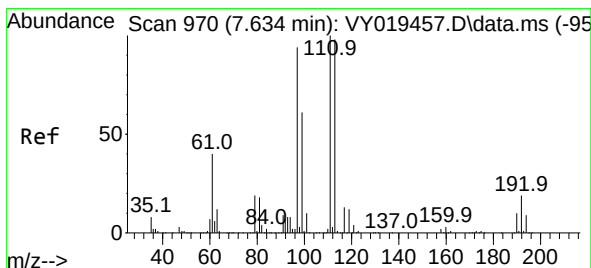
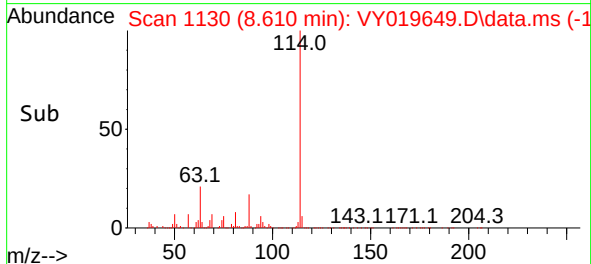
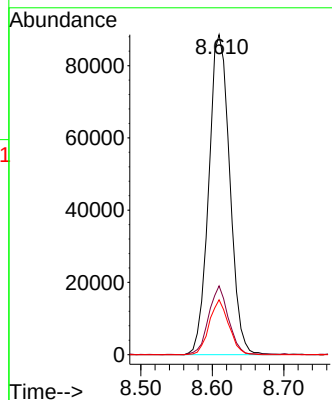
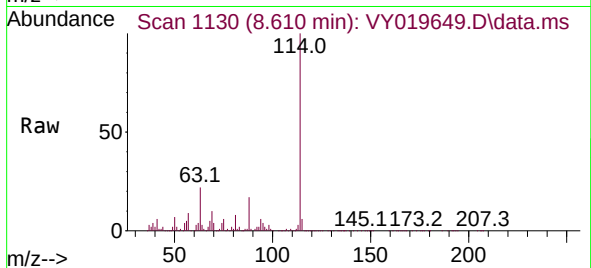
Tgt Ion:114 Resp: 180537

Ion Ratio Lower Upper

114 100

63 21.4 0.0 35.0

88 17.1 0.0 27.2



#35

Dibromofluoromethane

Concen: 54.564 ug/l

RT: 7.628 min Scan# 969

Delta R.T. -0.006 min

Lab File: VY019649.D

Acq: 20 Sep 2024 16:33

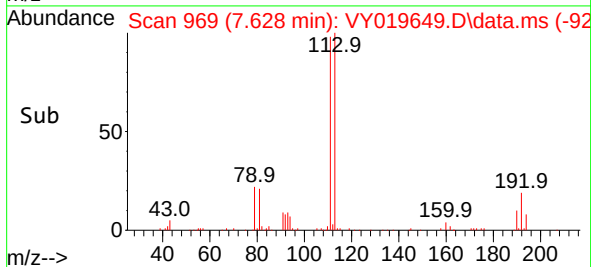
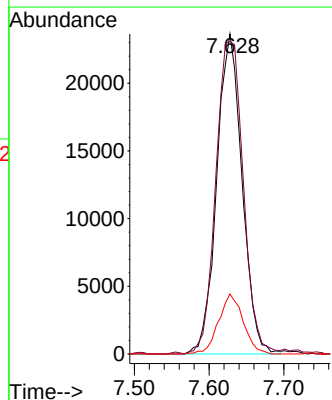
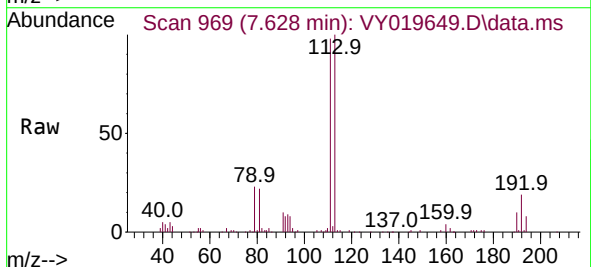
Tgt Ion:113 Resp: 55852

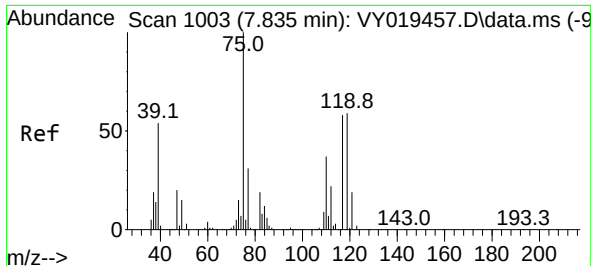
Ion Ratio Lower Upper

113 100

111 105.7 82.2 123.4

192 18.2 15.9 23.9





#36

1,1-Dichloropropene

Concen: 6.844 ug/l

RT: 7.695 min Scan# 91

Delta R.T. -0.140 min

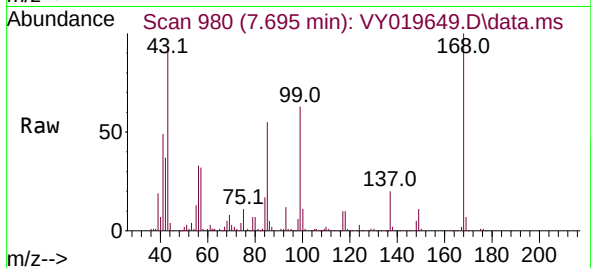
Lab File: VY019649.D

Acq: 20 Sep 2024 16:33

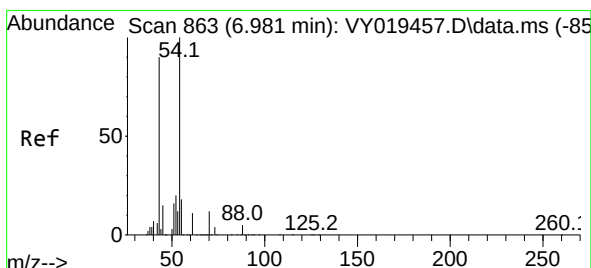
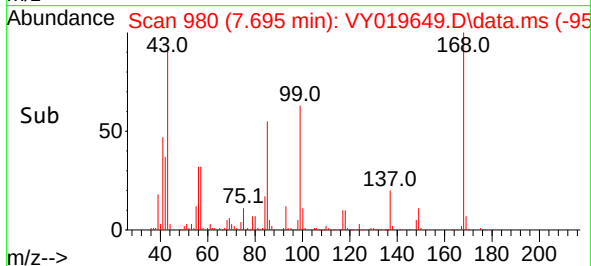
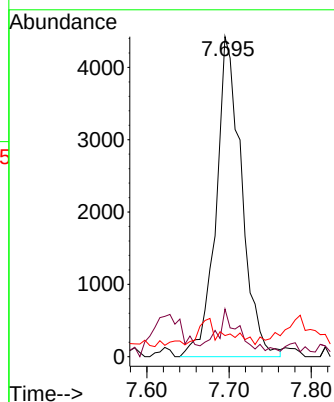
Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion:	75	Resp:	9532
Ion	Ratio	Lower	Upper
75	100		
110	12.2	19.0	57.0#
77	9.2	25.3	37.9#



#37

Ethyl Acetate

Concen: 12.395 ug/l

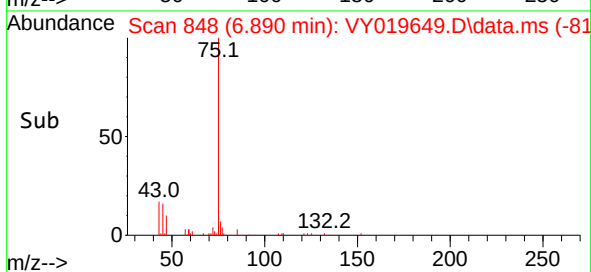
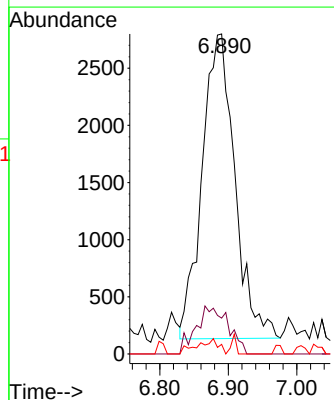
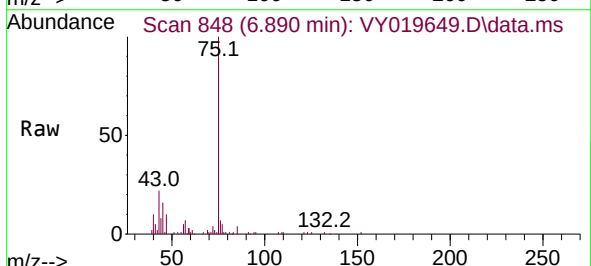
RT: 6.890 min Scan# 848

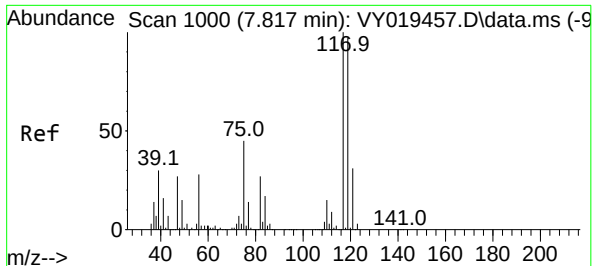
Delta R.T. -0.091 min

Lab File: VY019649.D

Acq: 20 Sep 2024 16:33

Tgt Ion:	43	Resp:	8846
Ion	Ratio	Lower	Upper
43	100		
61	0.0	12.6	19.0#
70	0.9	7.8	11.8#

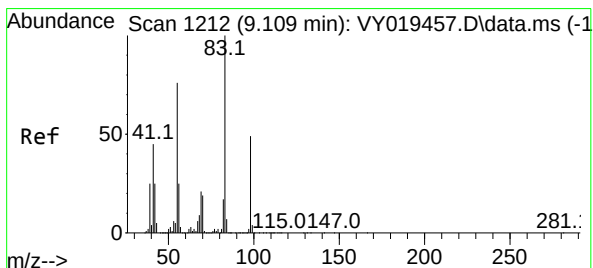
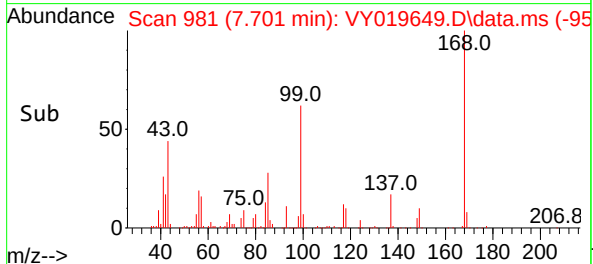
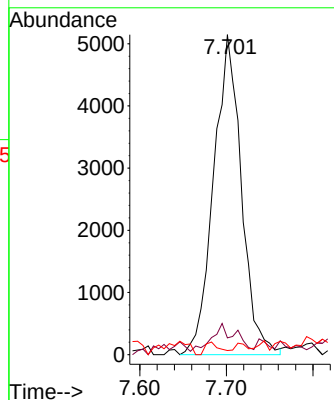
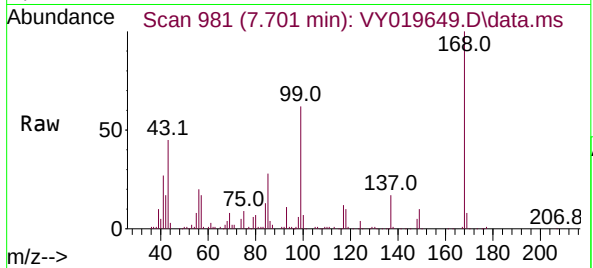




#38
Carbon Tetrachloride
Concen: 7.283 ug/l
RT: 7.701 min Scan# 91
Delta R.T. -0.115 min
Lab File: VY019649.D
Acq: 20 Sep 2024 16:33

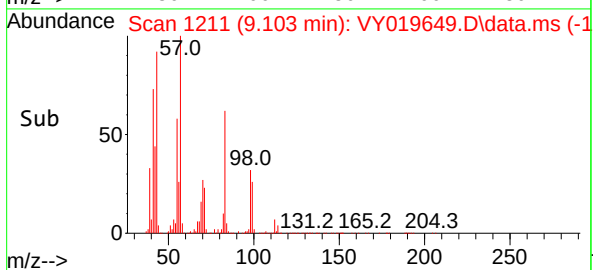
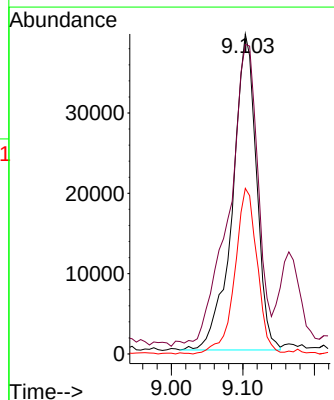
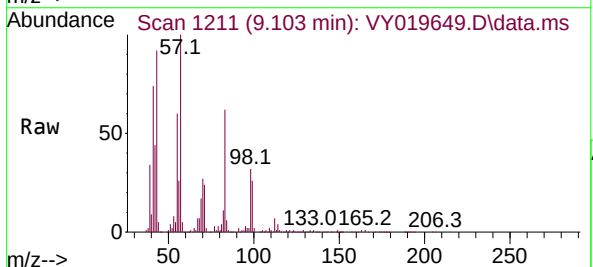
Instrument :
MSVOA_Y
ClientSampleId :

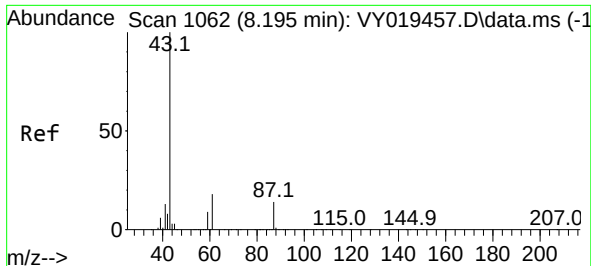
Tgt Ion:117 Resp: 11440
Ion Ratio Lower Upper
117 100
119 1.2 75.8 113.6#
121 0.0 24.0 36.0#



#39
Methylcyclohexane
Concen: 49.456 ug/l
RT: 9.103 min Scan# 1211
Delta R.T. -0.006 min
Lab File: VY019649.D
Acq: 20 Sep 2024 16:33

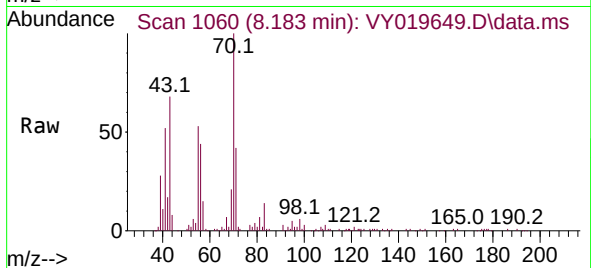
Tgt Ion: 83 Resp: 91670
Ion Ratio Lower Upper
83 100
55 94.0 51.5 77.3#
98 52.1 40.5 60.7



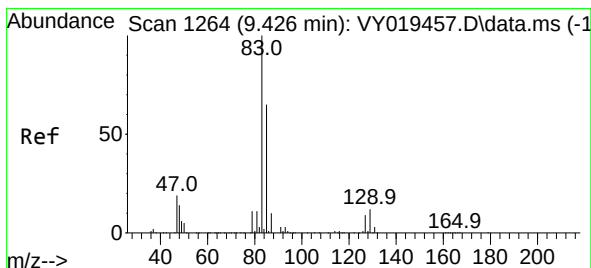
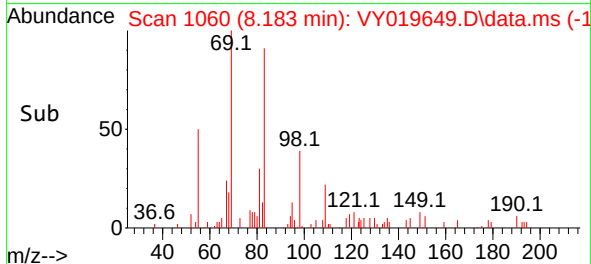
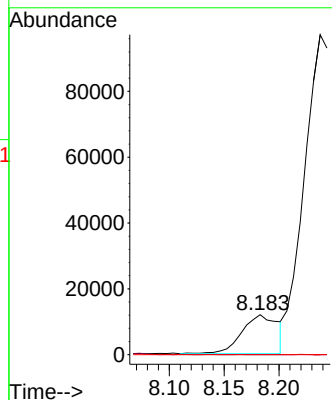


#43
Isopropyl Acetate
Concen: 17.853 ug/l
RT: 8.183 min Scan# 1060
Delta R.T. -0.012 min
Lab File: VY019649.D
Acq: 20 Sep 2024 16:33

Instrument :
MSVOA_Y
ClientSampleId :

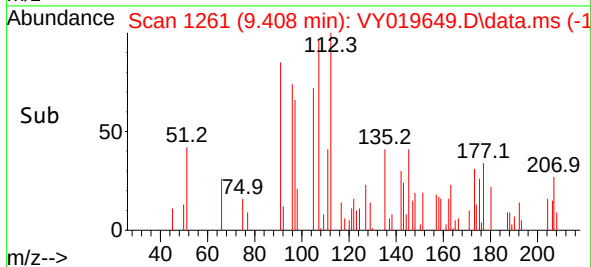
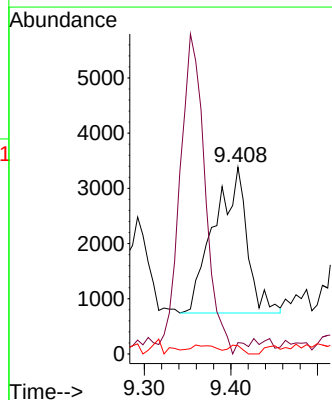
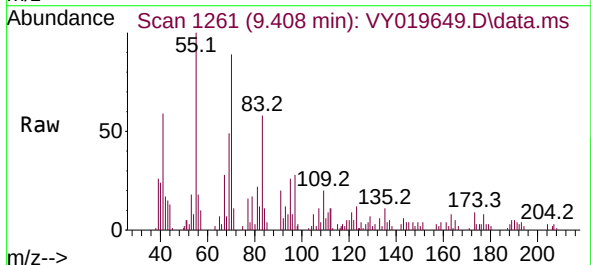


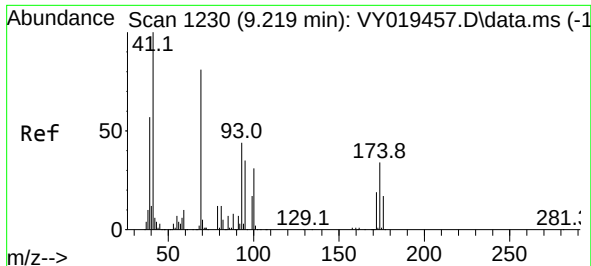
Tgt Ion: 43 Resp: 26768
Ion Ratio Lower Upper
43 100
61 0.0 27.9 41.9#
87 0.0 13.1 19.7#



#47
Bromodichloromethane
Concen: 4.528 ug/l
RT: 9.408 min Scan# 1261
Delta R.T. -0.018 min
Lab File: VY019649.D
Acq: 20 Sep 2024 16:33

Tgt Ion: 83 Resp: 6981
Ion Ratio Lower Upper
83 100
85 3.1 50.1 75.1#
127 3.0 7.4 11.0#





#48

Methyl methacrylate

Concen: 37.832 ug/l

RT: 9.244 min Scan# 11

Delta R.T. 0.025 min

Lab File: VY019649.D

Acq: 20 Sep 2024 16:33

Instrument :

MSVOA_Y

ClientSampleId :

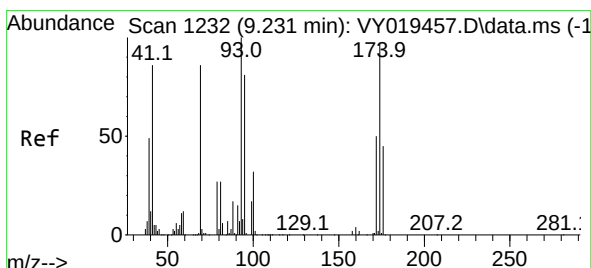
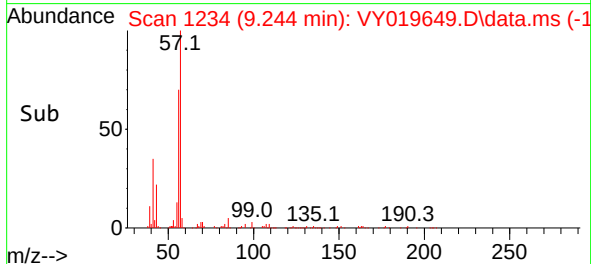
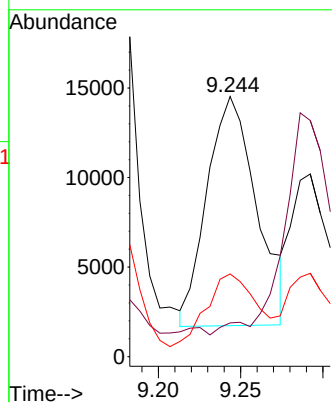
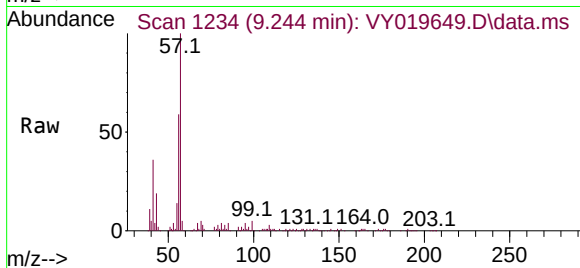
Tgt Ion: 41 Resp: 26786

Ion Ratio Lower Upper

41 100

69 0.0 84.1 126.1#

39 31.6 43.6 65.4#



#49

1,4-Dioxane

Concen: 2.814 ug/l

RT: 9.298 min Scan# 1243

Delta R.T. 0.067 min

Lab File: VY019649.D

Acq: 20 Sep 2024 16:33

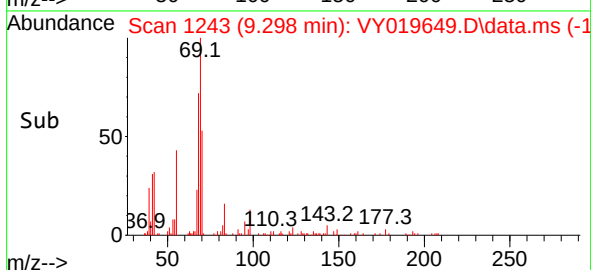
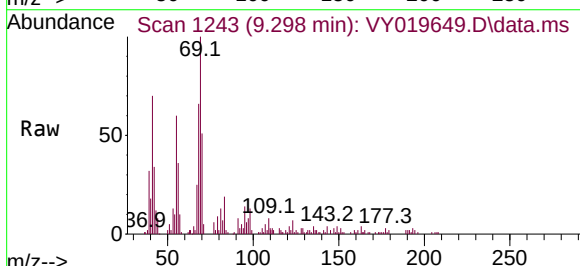
Tgt Ion: 88 Resp: 19

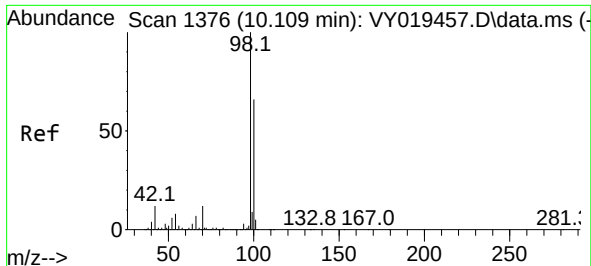
Ion Ratio Lower Upper

88 100

43 0.0 0.0 0.0

58 0.0 49.3 73.9#

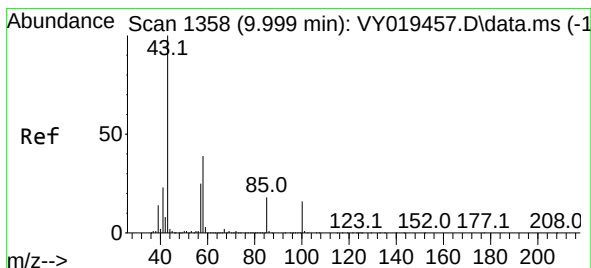
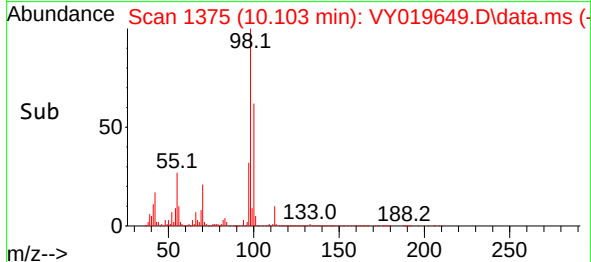
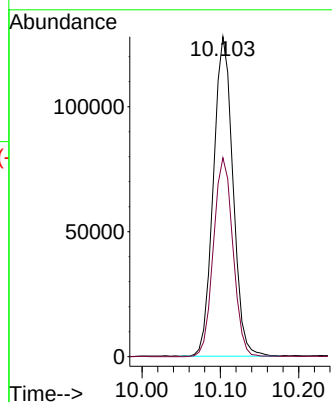
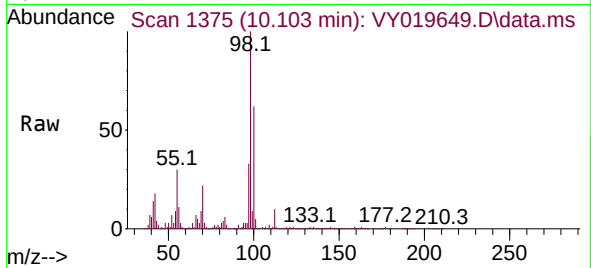




#50
Toluene-d8
Concen: 58.653 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. -0.006 min
Lab File: VY019649.D
Acq: 20 Sep 2024 16:33

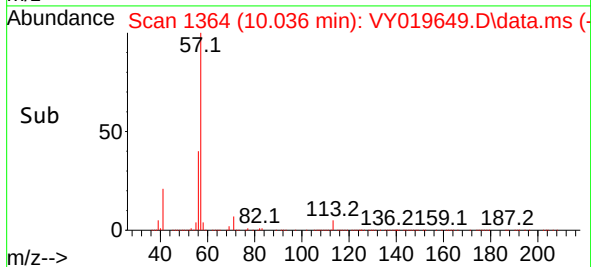
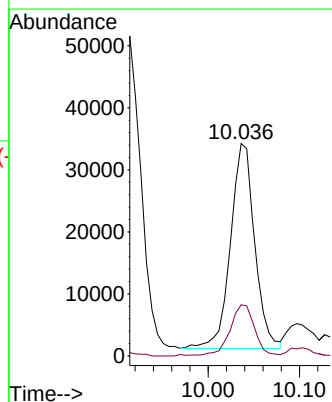
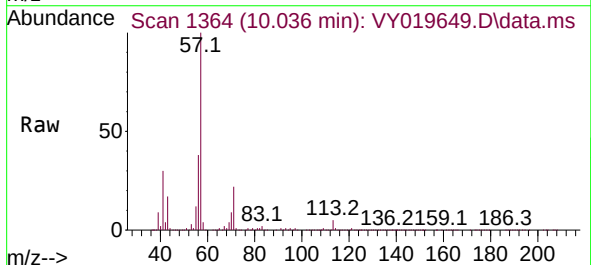
Instrument :
MSVOA_Y
ClientSampleId :

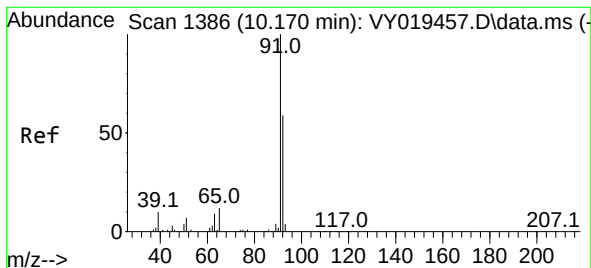
Tgt Ion: 98 Resp: 222068
Ion Ratio Lower Upper
98 100
100 62.2 52.0 78.0



#51
4-Methyl-2-Pentanone
Concen: 80.377 ug/l
RT: 10.036 min Scan# 1364
Delta R.T. 0.037 min
Lab File: VY019649.D
Acq: 20 Sep 2024 16:33

Tgt Ion: 43 Resp: 60629
Ion Ratio Lower Upper
43 100
58 24.3 35.7 53.5#





#52

Toluene

Concen: 2.245 ug/l

RT: 10.170 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY019649.D

Acq: 20 Sep 2024 16:33

Instrument :

MSVOA_Y

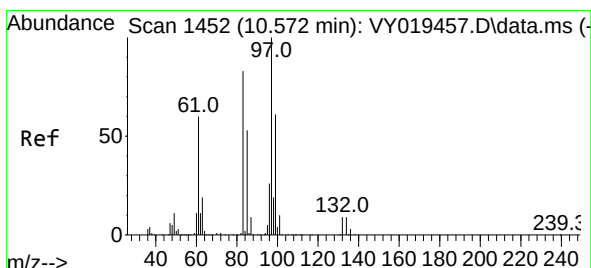
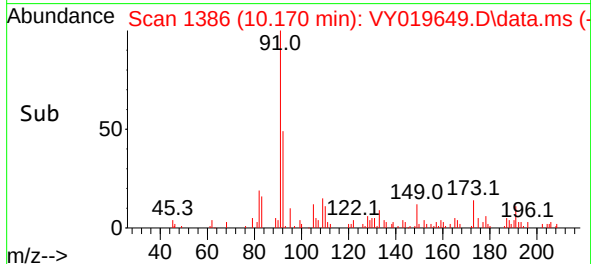
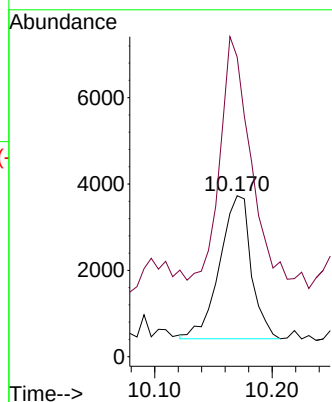
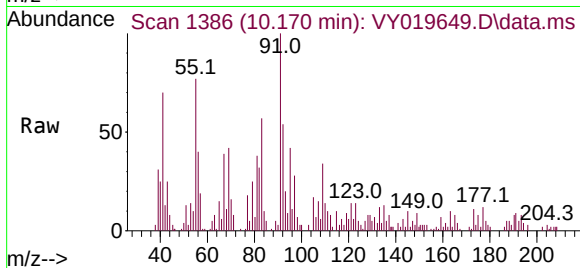
ClientSampleId :

Tgt Ion: 92 Resp: 6195

Ion Ratio Lower Upper

92 100

91 178.3 139.0 208.6



#55

1,1,2-Trichloroethane

Concen: 65.447 ug/l

RT: 10.542 min Scan# 1447

Delta R.T. -0.030 min

Lab File: VY019649.D

Acq: 20 Sep 2024 16:33

Tgt Ion: 97 Resp: 51836

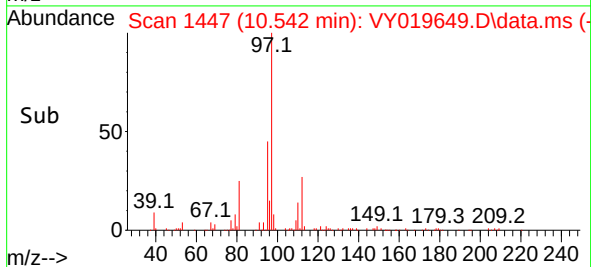
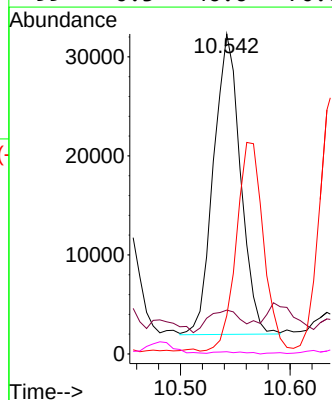
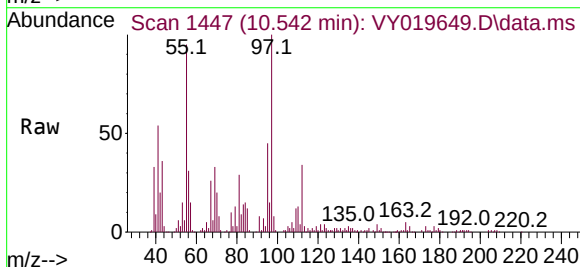
Ion Ratio Lower Upper

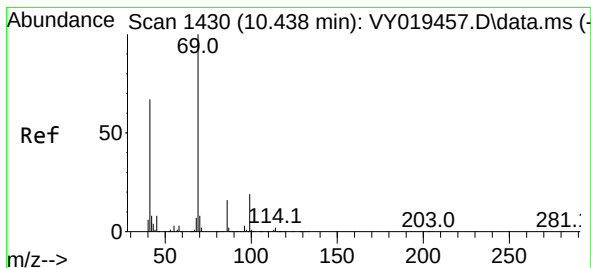
97 100

83 5.5 67.5 101.3#

85 11.6 42.9 64.3#

99 0.3 46.6 70.0#

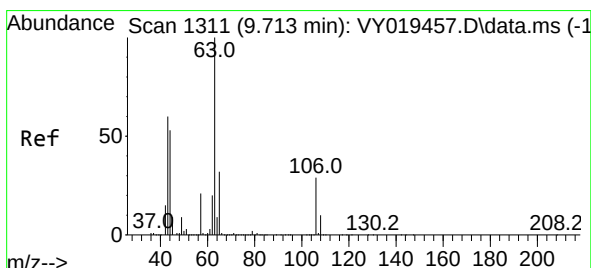
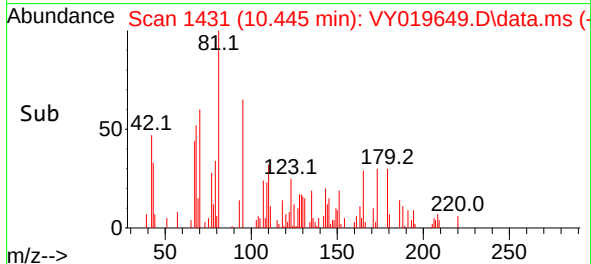
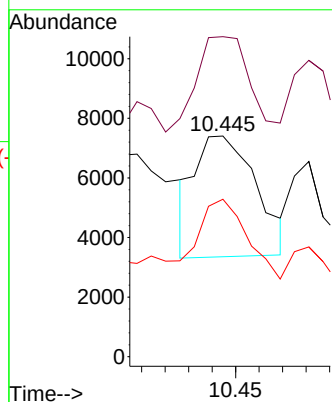
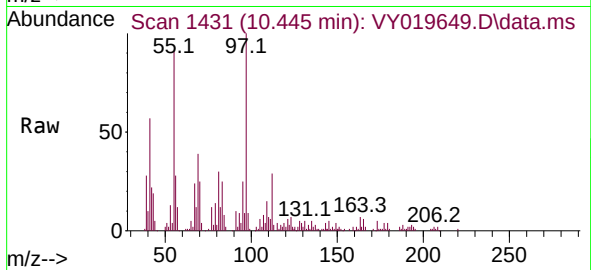




#56
Ethyl methacrylate
Concen: 6.063 ug/l
RT: 10.445 min Scan# 1430
Delta R.T. 0.006 min
Lab File: VY019649.D
Acq: 20 Sep 2024 16:33

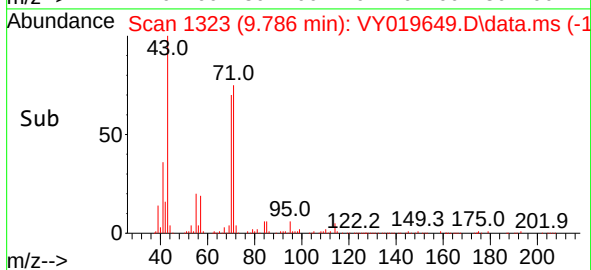
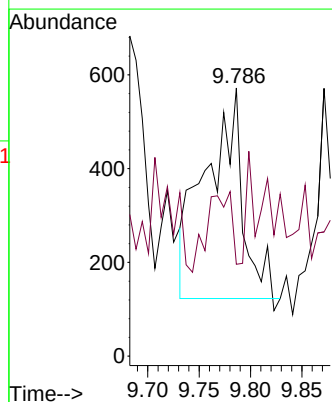
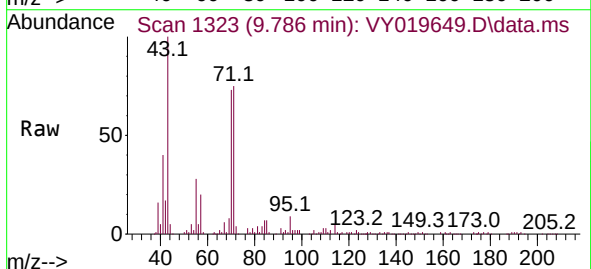
Instrument :
MSVOA_Y
ClientSampleId :

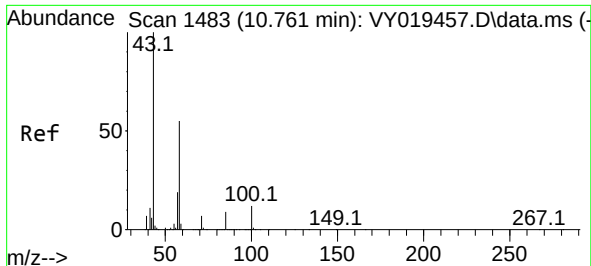
Tgt Ion: 69 Resp: 7295
Ion Ratio Lower Upper
69 100
41 182.1 42.3 63.5#
39 126.0 22.9 34.3#



#58
2-Chloroethyl Vinyl ether
Concen: 2.002 ug/l
RT: 9.786 min Scan# 1323
Delta R.T. 0.074 min
Lab File: VY019649.D
Acq: 20 Sep 2024 16:33

Tgt Ion: 63 Resp: 1118
Ion Ratio Lower Upper
63 100
106 25.5 23.7 35.5

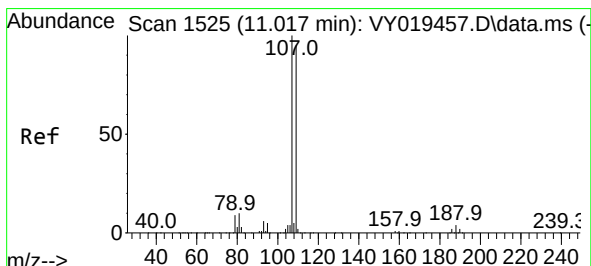
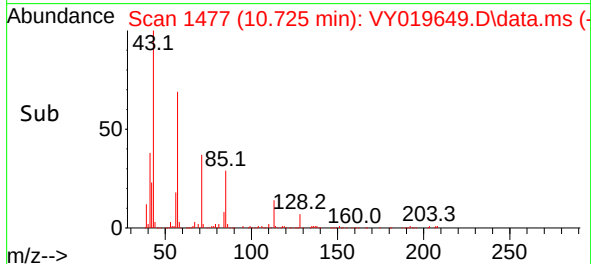
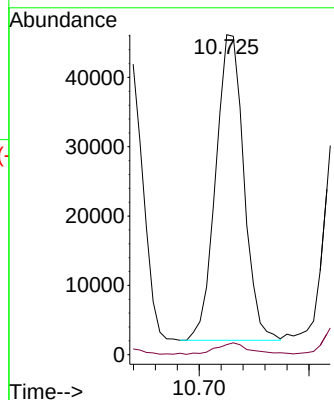
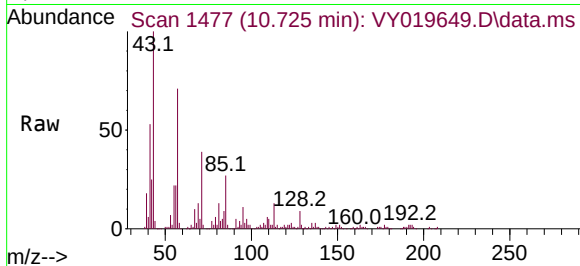




#59
2-Hexanone
Concen: 142.118 ug/l
RT: 10.725 min Scan# 1483
Delta R.T. -0.036 min
Lab File: VY019649.D
Acq: 20 Sep 2024 16:33

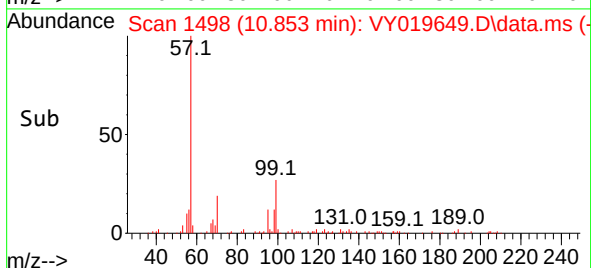
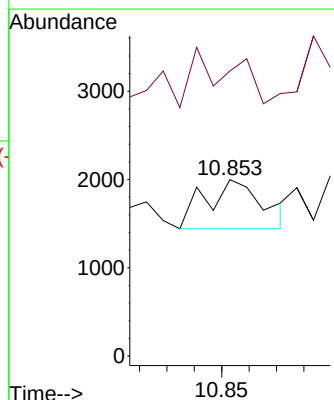
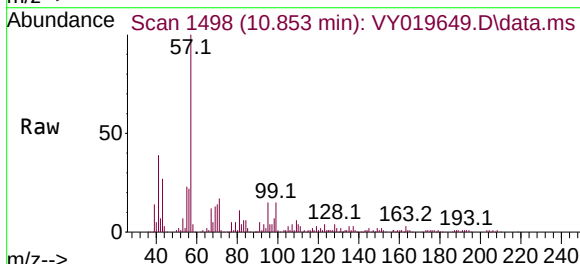
Instrument :
MSVOA_Y
ClientSampleId :

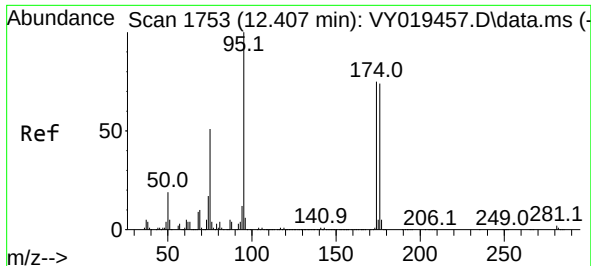
Tgt Ion: 43 Resp: 78592
Ion Ratio Lower Upper
43 100
58 4.5 31.4 94.0#



#61
1,2-Dibromoethane
Concen: 1.094 ug/l
RT: 10.853 min Scan# 1498
Delta R.T. -0.164 min
Lab File: VY019649.D
Acq: 20 Sep 2024 16:33

Tgt Ion: 107 Resp: 807
Ion Ratio Lower Upper
107 100
109 111.9 75.9 113.9

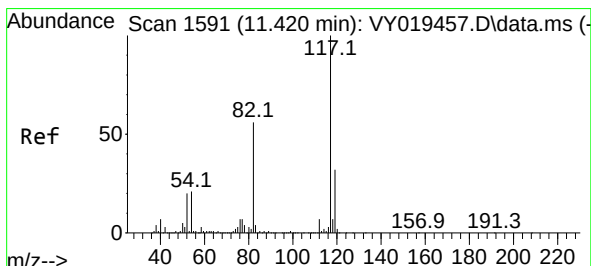
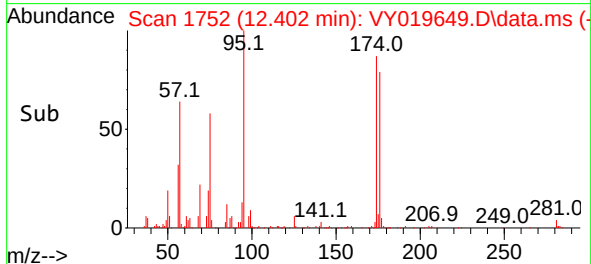
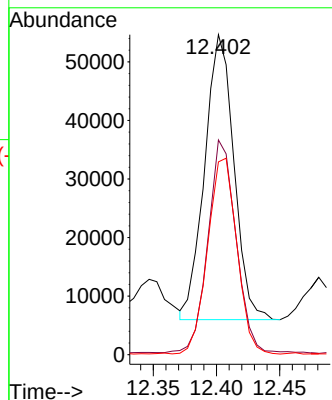
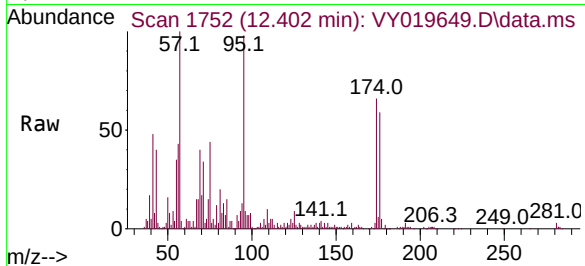




#62
4-Bromofluorobenzene
Concen: 53.779 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. -0.006 min
Lab File: VY019649.D
Acq: 20 Sep 2024 16:33

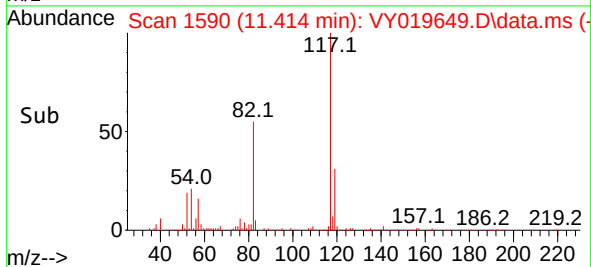
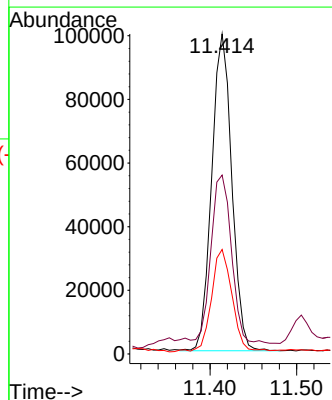
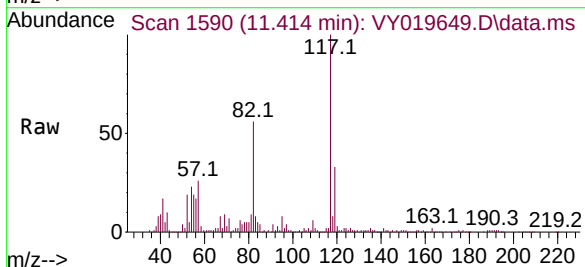
Instrument :
MSVOA_Y
ClientSampleId :

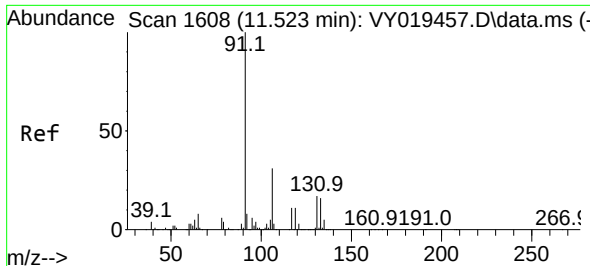
Tgt Ion: 95 Resp: 78290
Ion Ratio Lower Upper
95 100
174 74.5 0.0 175.6
176 68.7 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. -0.006 min
Lab File: VY019649.D
Acq: 20 Sep 2024 16:33

Tgt Ion: 117 Resp: 160500
Ion Ratio Lower Upper
117 100
82 53.1 42.4 63.6
119 31.8 25.9 38.9

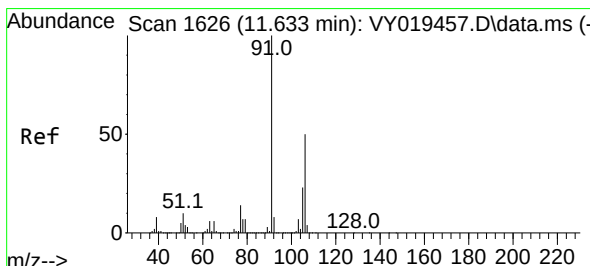
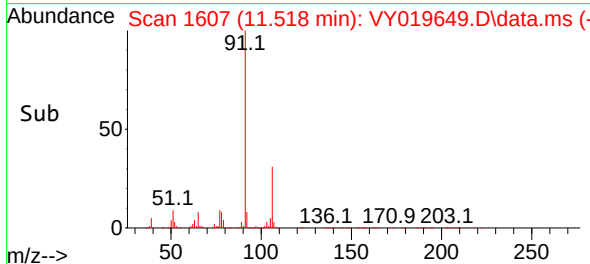
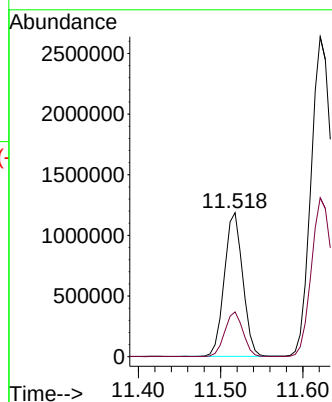
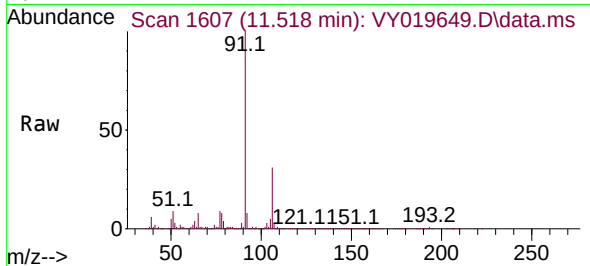




#67
Ethyl Benzene
Concen: 328.409 ug/l
RT: 11.518 min Scan# 1607
Delta R.T. -0.006 min
Lab File: VY019649.D
Acq: 20 Sep 2024 16:33

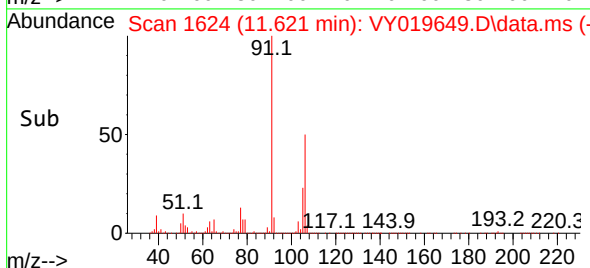
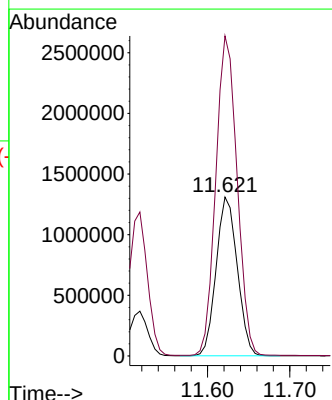
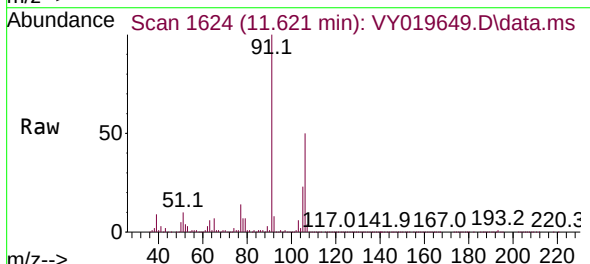
Instrument :
MSVOA_Y
ClientSampleId :

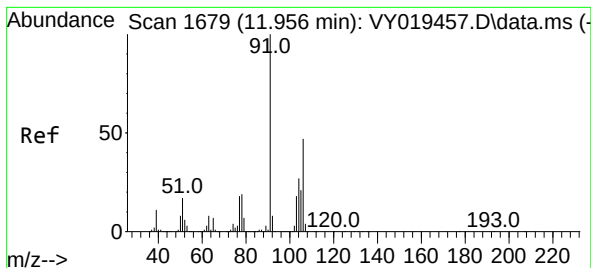
Tgt Ion: 91 Resp: 1842276
Ion Ratio Lower Upper
91 100
106 31.1 24.5 36.7



#68
m/p-Xylenes
Concen: 1101.778 ug/l
RT: 11.621 min Scan# 1624
Delta R.T. -0.012 min
Lab File: VY019649.D
Acq: 20 Sep 2024 16:33

Tgt Ion:106 Resp: 2337041
Ion Ratio Lower Upper
106 100
91 203.1 156.0 234.0





#69

o-Xylene

Concen: 125.661 ug/l

RT: 11.950 min Scan# 1678

Delta R.T. -0.006 min

Lab File: VY019649.D

Acq: 20 Sep 2024 16:33

Instrument :

MSVOA_Y

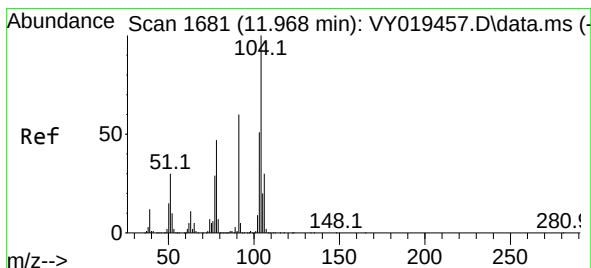
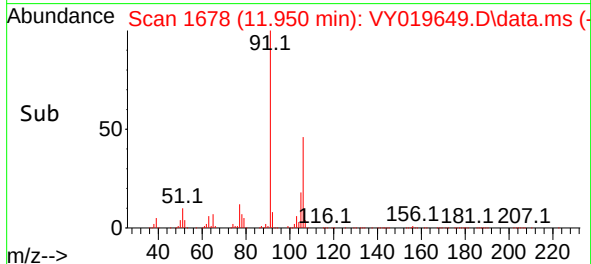
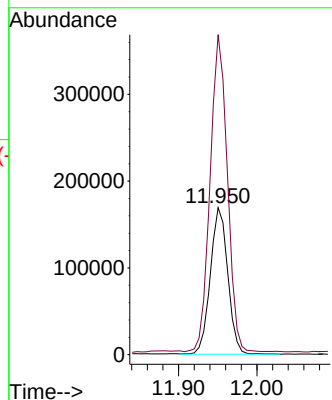
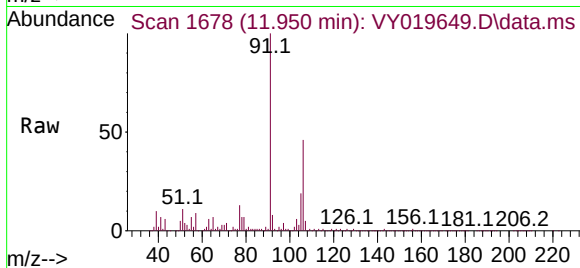
ClientSampleId :

Tgt Ion:106 Resp: 260674

Ion Ratio Lower Upper

106 100

91 213.7 103.6 310.8



#70

Styrene

Concen: 4.935 ug/l

RT: 11.950 min Scan# 1678

Delta R.T. -0.018 min

Lab File: VY019649.D

Acq: 20 Sep 2024 16:33

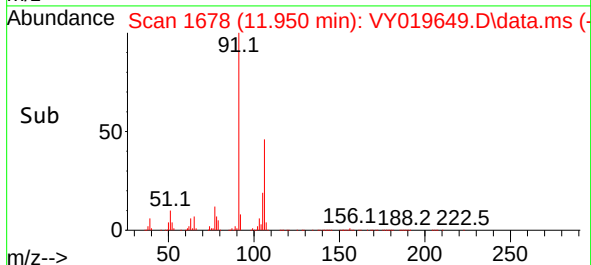
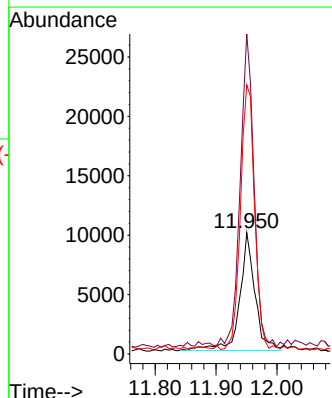
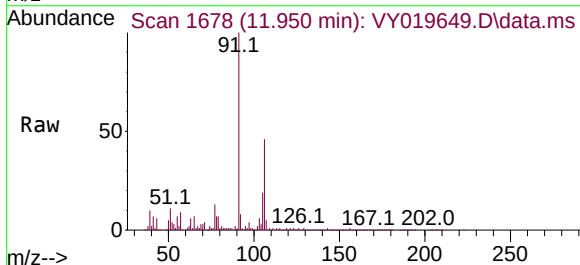
Tgt Ion:104 Resp: 17283

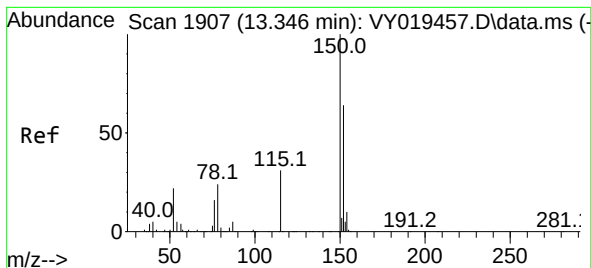
Ion Ratio Lower Upper

104 100

78 238.4 37.0 55.4#

103 208.5 44.2 66.2#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY019649.D

Acq: 20 Sep 2024 16:33

Instrument :

MSVOA_Y

ClientSampleId :

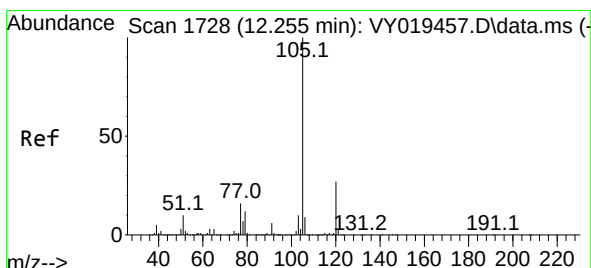
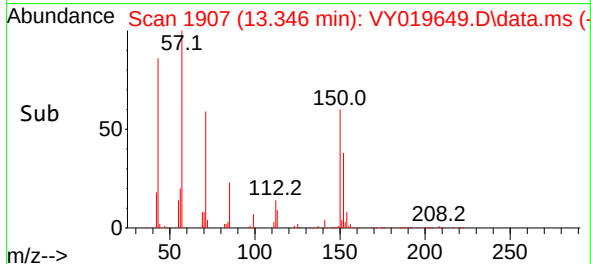
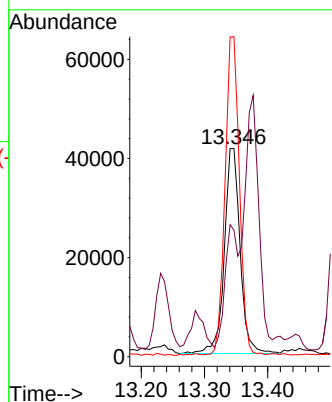
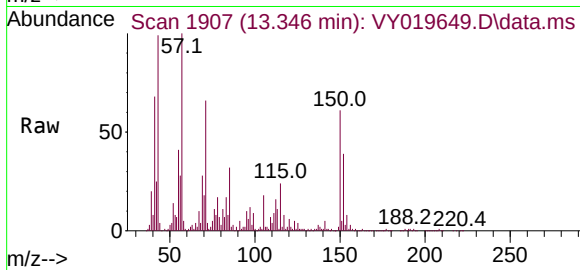
Tgt Ion:152 Resp: 71387

Ion Ratio Lower Upper

152 100

115 47.4 28.2 84.7

150 140.7 0.0 345.6



#73

Isopropylbenzene

Concen: 108.674 ug/l

RT: 12.249 min Scan# 1727

Delta R.T. -0.006 min

Lab File: VY019649.D

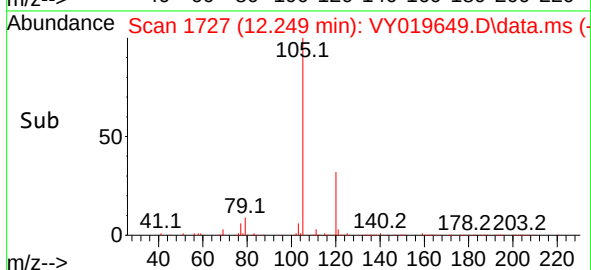
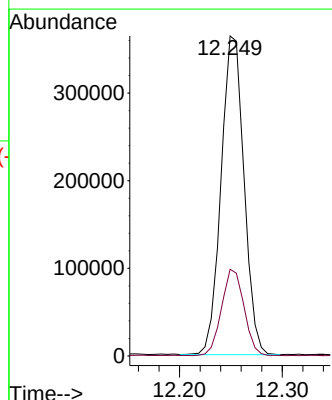
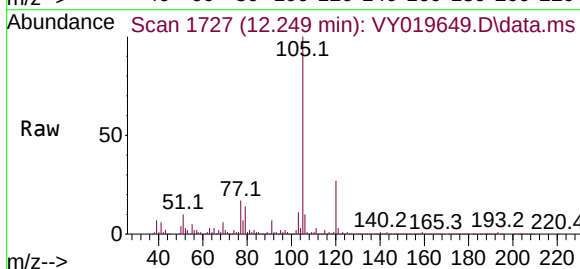
Acq: 20 Sep 2024 16:33

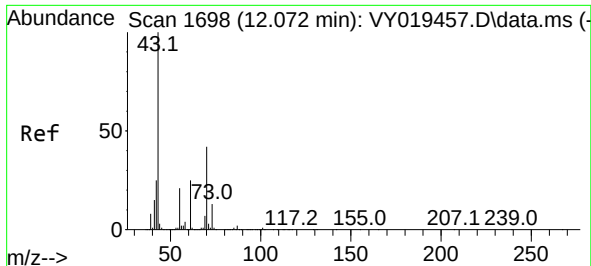
Tgt Ion:105 Resp: 562812

Ion Ratio Lower Upper

105 100

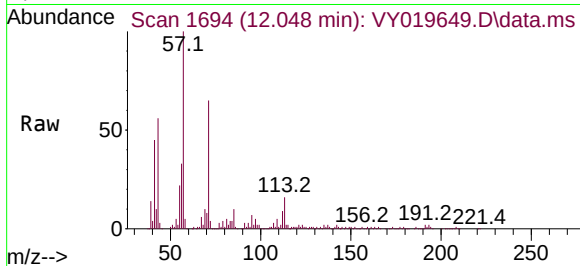
120 26.6 13.4 40.1



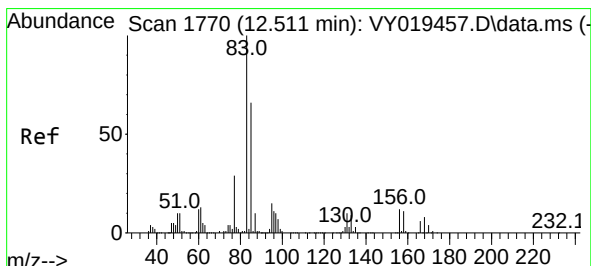
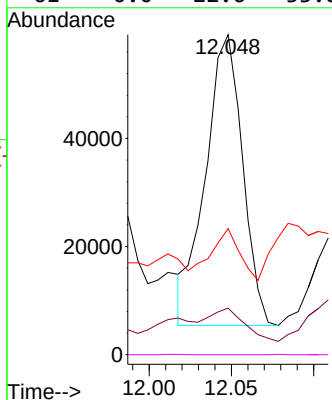
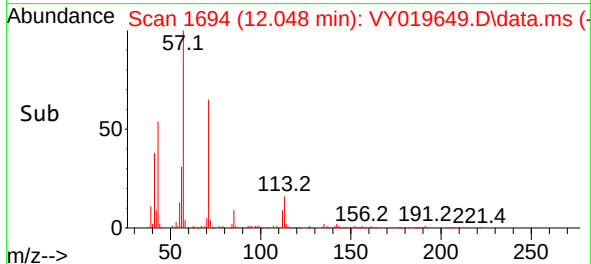


#74
N-amy1 acetate
Concen: 59.814 ug/l
RT: 12.048 min Scan# 1
Delta R.T. -0.024 min
Lab File: VY019649.D
Acq: 20 Sep 2024 16:33

Instrument :
MSVOA_Y
ClientSampleId :

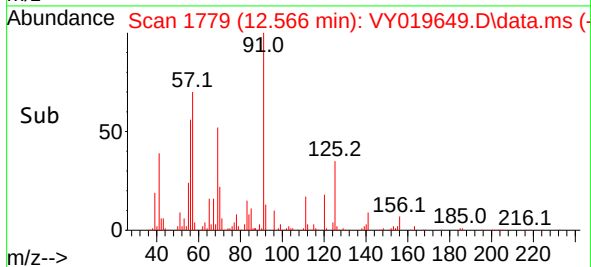
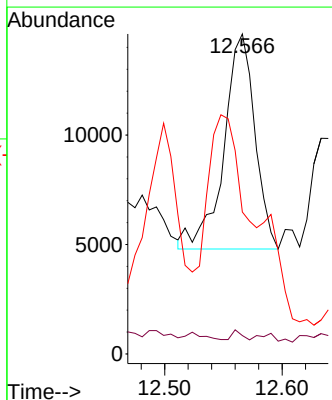
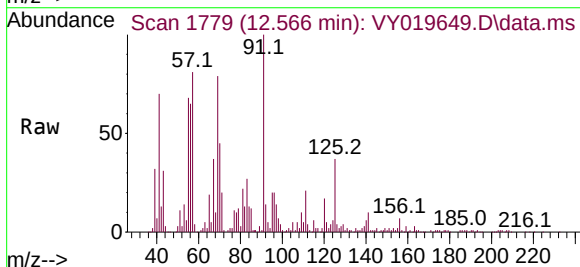


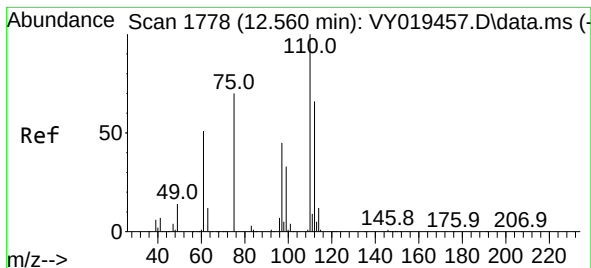
Tgt Ion:	43	Resp:	84247
Ion	Ratio	Lower	Upper
43	100		
70	10.8	41.4	62.2#
55	13.7	23.3	34.9#
61	0.0	22.6	33.8#



#75
1,1,2,2-Tetrachloroethane
Concen: 19.673 ug/l
RT: 12.566 min Scan# 1779
Delta R.T. 0.055 min
Lab File: VY019649.D
Acq: 20 Sep 2024 16:33

Tgt Ion:	83	Resp:	18084
Ion	Ratio	Lower	Upper
83	100		
131	1.3	5.0	14.9#
85	149.9	32.0	96.0#





#76

1,2,3-Trichloropropane

Concen: 30.527 ug/l

RT: 12.591 min Scan# 1783

Delta R.T. 0.031 min

Lab File: VY019649.D

Acq: 20 Sep 2024 16:33

Instrument :

MSVOA_Y

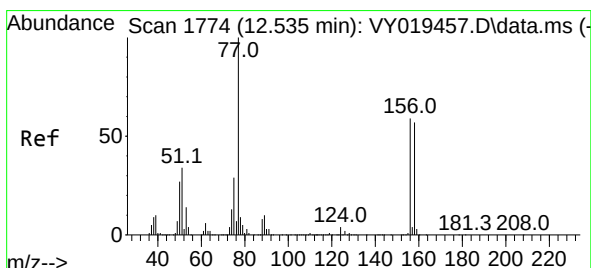
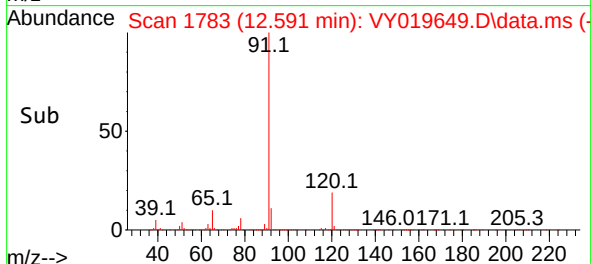
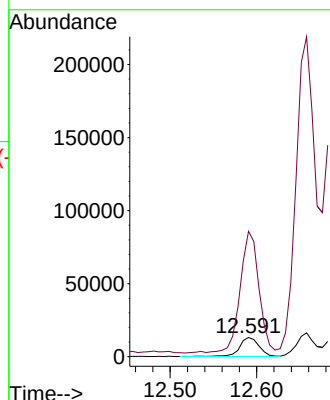
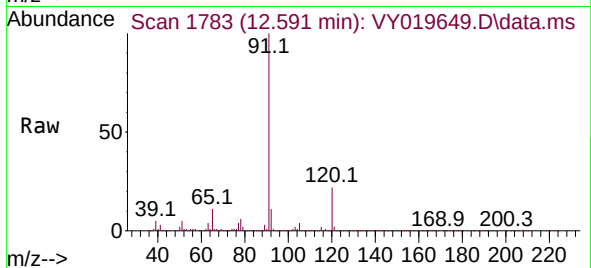
ClientSampleId :

Tgt Ion: 75 Resp: 20426

Ion Ratio Lower Upper

75 100

77 605.6 0.0 0.0#



#77

Bromobenzene

Concen: 25.631 ug/l

RT: 12.597 min Scan# 1784

Delta R.T. 0.061 min

Lab File: VY019649.D

Acq: 20 Sep 2024 16:33

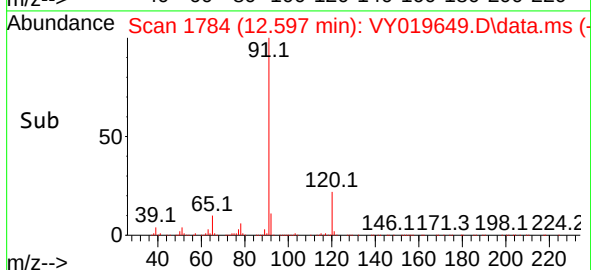
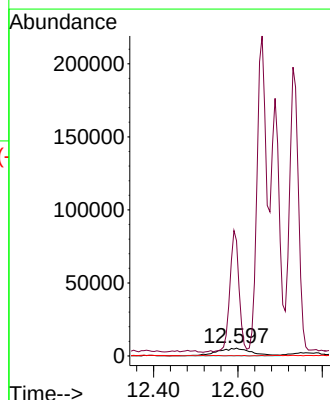
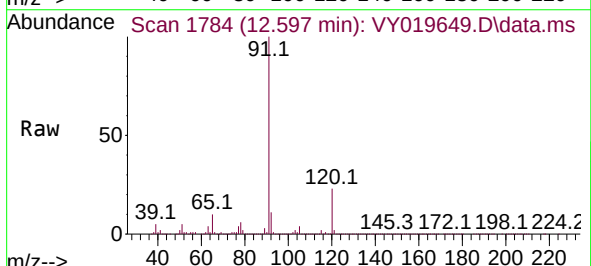
Tgt Ion:156 Resp: 29440

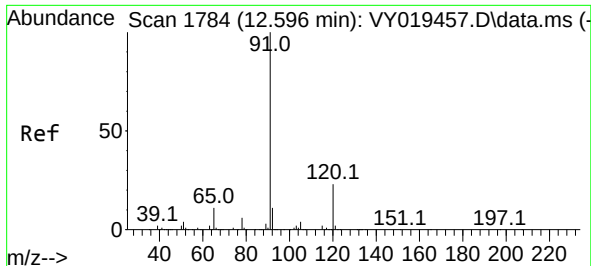
Ion Ratio Lower Upper

156 100

77 420.2 87.1 261.3#

158 0.3 48.6 145.9#

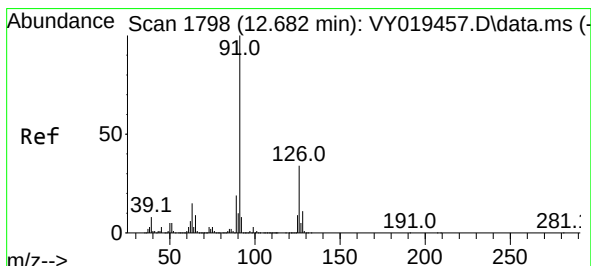
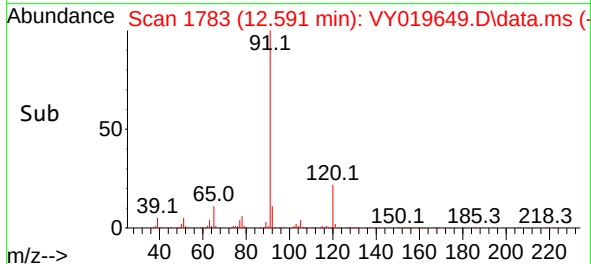
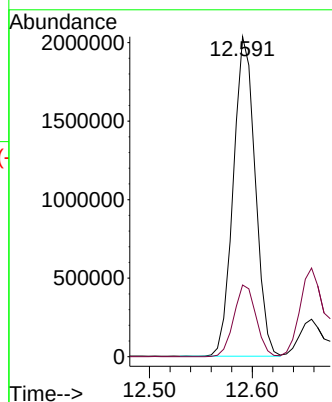
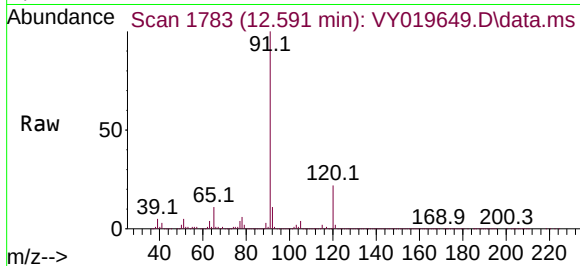




#78
n-propylbenzene
Concen: 491.492 ug/l
RT: 12.591 min Scan# 1783
Delta R.T. -0.006 min
Lab File: VY019649.D
Acq: 20 Sep 2024 16:33

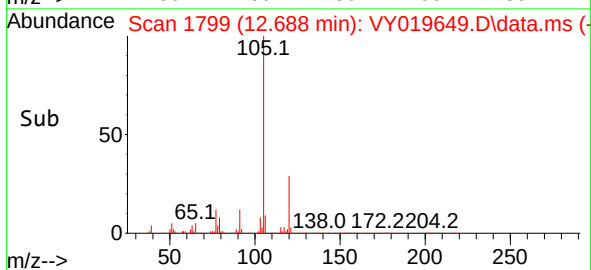
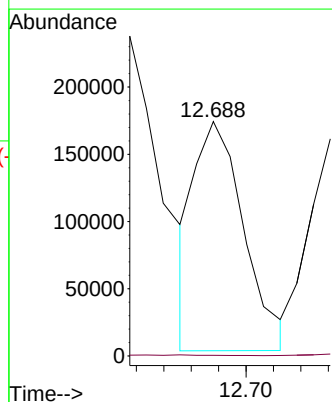
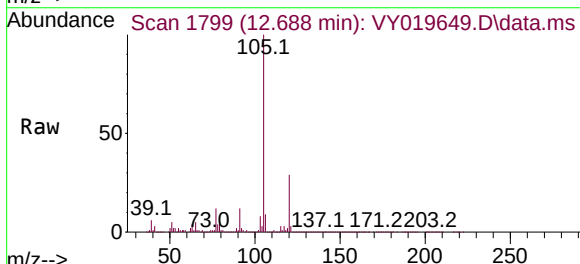
Instrument :
MSVOA_Y
ClientSampleId :

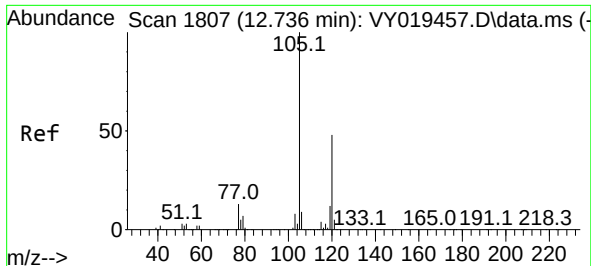
Tgt Ion: 91 Resp: 3016982
Ion Ratio Lower Upper
91 100
120 22.8 11.5 34.4



#79
2-Chlorotoluene
Concen: 60.197 ug/l
RT: 12.688 min Scan# 1799
Delta R.T. 0.006 min
Lab File: VY019649.D
Acq: 20 Sep 2024 16:33

Tgt Ion: 91 Resp: 215343
Ion Ratio Lower Upper
91 100
126 0.0 17.8 53.5#

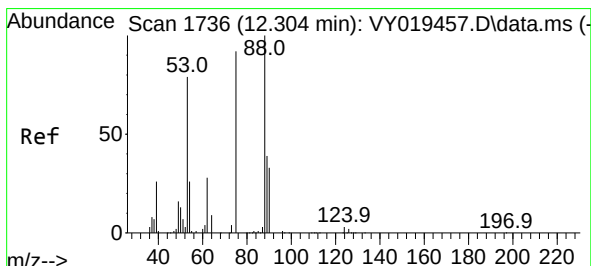
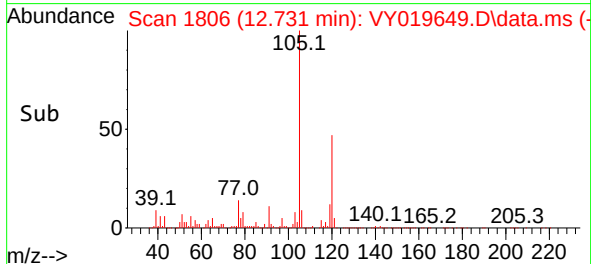
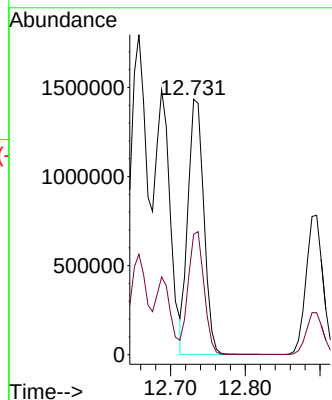
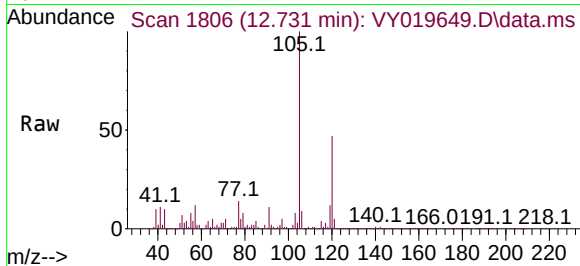




#80
1,3,5-Trimethylbenzene
Concen: 501.197 ug/l
RT: 12.731 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY019649.D
Acq: 20 Sep 2024 16:33

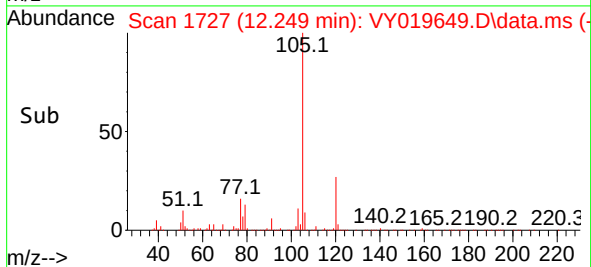
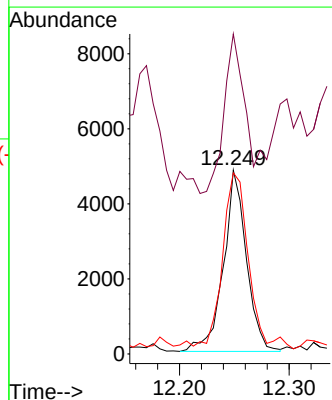
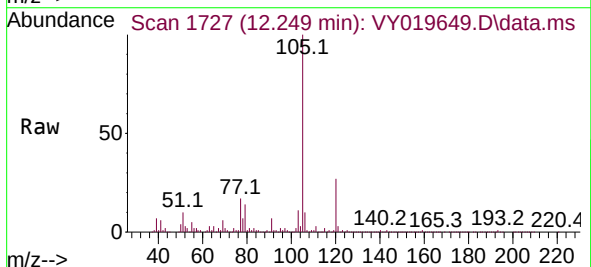
Instrument :
MSVOA_Y
ClientSampleId :

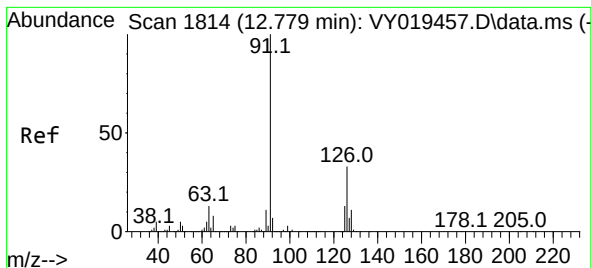
Tgt Ion:105 Resp: 2110155
Ion Ratio Lower Upper
105 100
120 48.1 25.1 75.2



#81
trans-1,4-Dichloro-2-butene
Concen: 20.161 ug/l
RT: 12.249 min Scan# 1727
Delta R.T. -0.054 min
Lab File: VY019649.D
Acq: 20 Sep 2024 16:33

Tgt Ion: 75 Resp: 7027
Ion Ratio Lower Upper
75 100
53 88.4 66.8 100.2
89 109.6 35.8 53.6#





#82

4-Chlorotoluene

Concen: 62.291 ug/l

RT: 12.731 min Scan# 11

Delta R.T. -0.048 min

Lab File: VY019649.D

Acq: 20 Sep 2024 16:33

Instrument :

MSVOA_Y

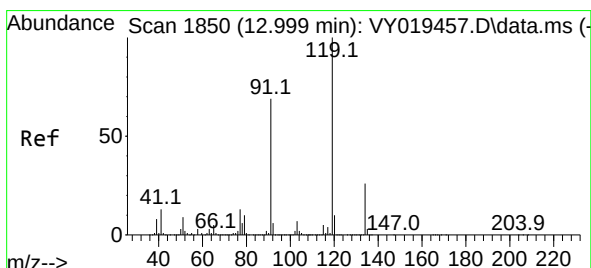
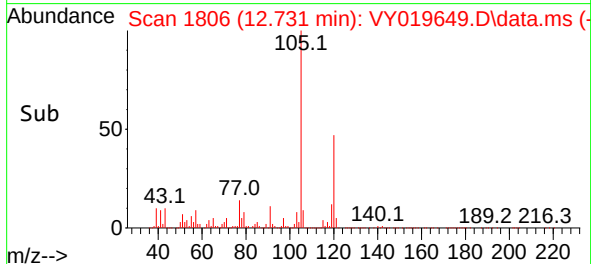
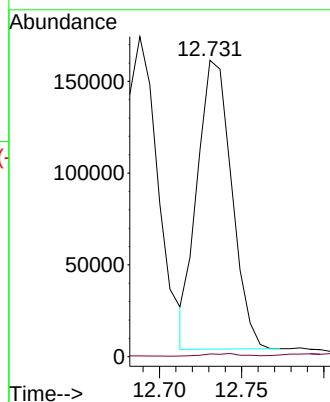
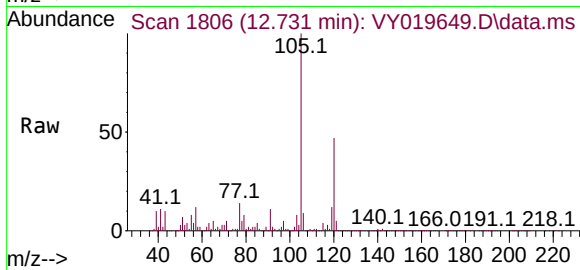
ClientSampleId :

Tgt Ion: 91 Resp: 229089

Ion Ratio Lower Upper

91 100

126 0.9 17.6 52.9#



#83

tert-Butylbenzene

Concen: 225.506 ug/l

RT: 13.042 min Scan# 1857

Delta R.T. 0.043 min

Lab File: VY019649.D

Acq: 20 Sep 2024 16:33

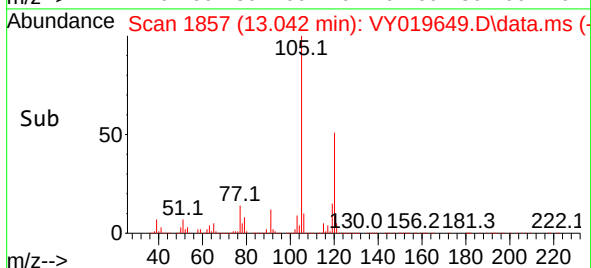
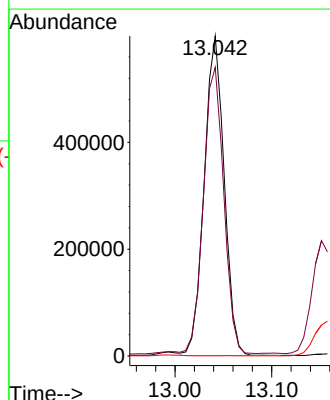
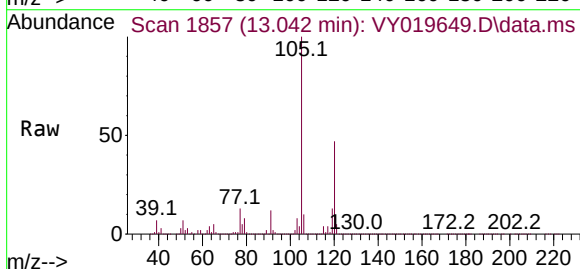
Tgt Ion: 119 Resp: 859518

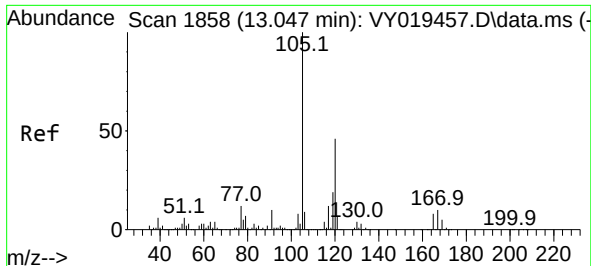
Ion Ratio Lower Upper

119 100

91 92.3 31.3 93.8

134 0.0 13.4 40.1#

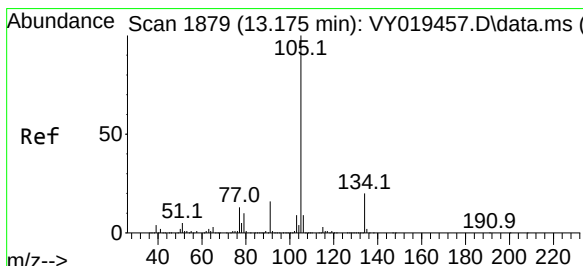
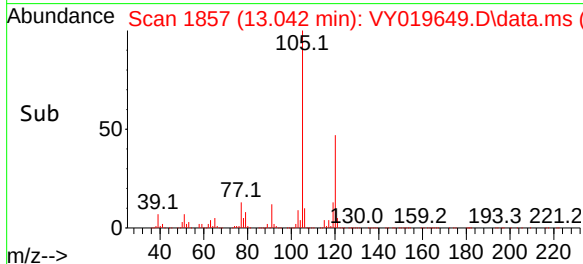
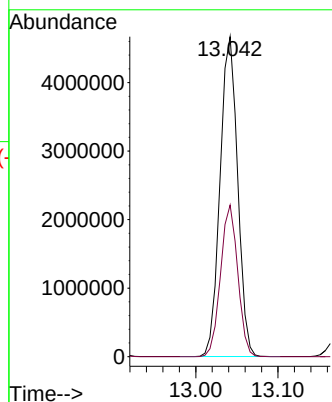
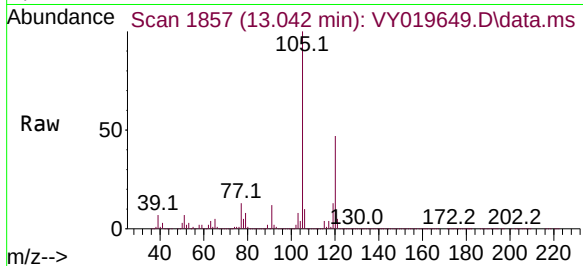




#84
1,2,4-Trimethylbenzene
Concen: 1666.026 ug/l
RT: 13.042 min Scan# 1857
Delta R.T. -0.006 min
Lab File: VY019649.D
Acq: 20 Sep 2024 16:33

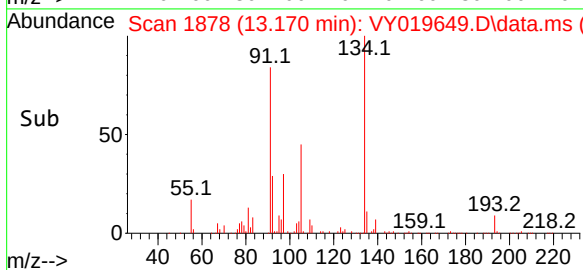
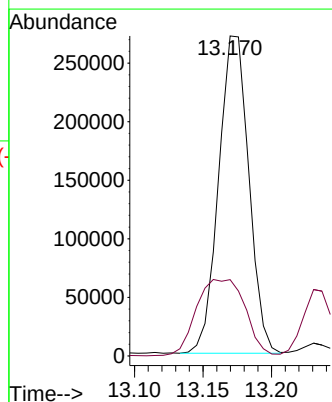
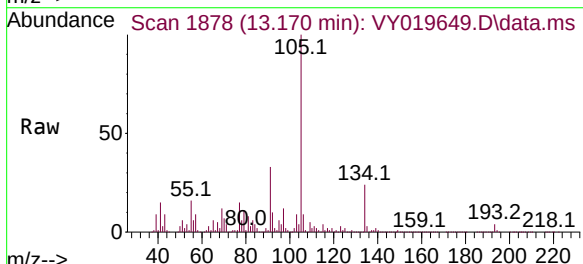
Instrument :
MSVOA_Y
ClientSampleId :

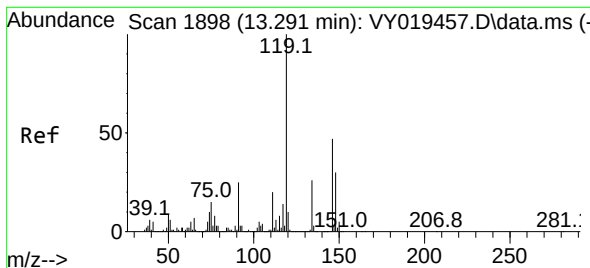
Tgt Ion:105 Resp: 6943273
Ion Ratio Lower Upper
105 100
120 46.3 23.2 69.6



#85
sec-Butylbenzene
Concen: 75.034 ug/l
RT: 13.170 min Scan# 1878
Delta R.T. -0.006 min
Lab File: VY019649.D
Acq: 20 Sep 2024 16:33

Tgt Ion:105 Resp: 415466
Ion Ratio Lower Upper
105 100
134 38.8 10.1 30.1#

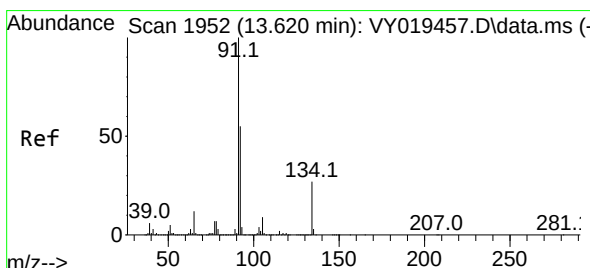
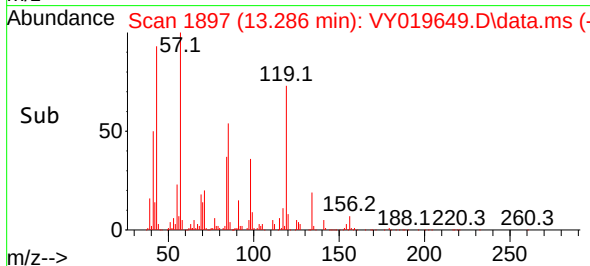
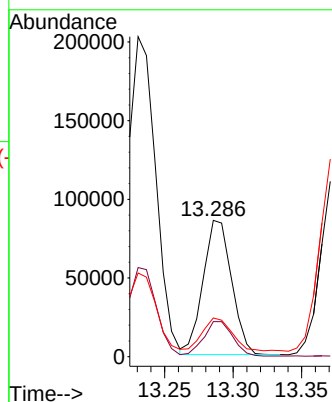
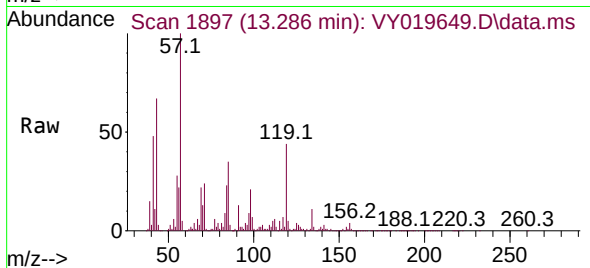




#86
p-Isopropyltoluene
Concen: 27.305 ug/l
RT: 13.286 min Scan# 119
Delta R.T. -0.006 min
Lab File: VY019649.D
Acq: 20 Sep 2024 16:33

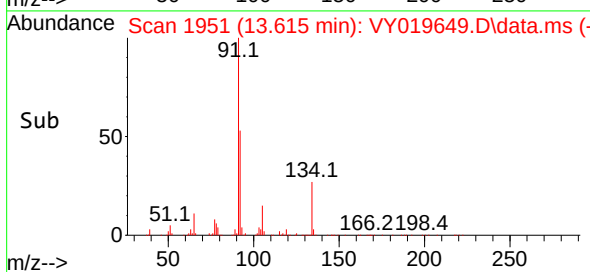
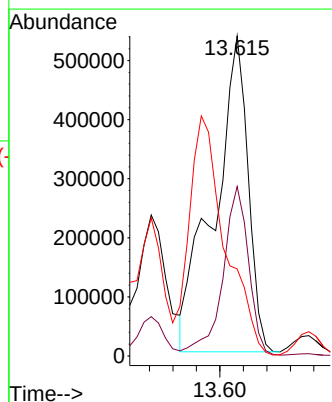
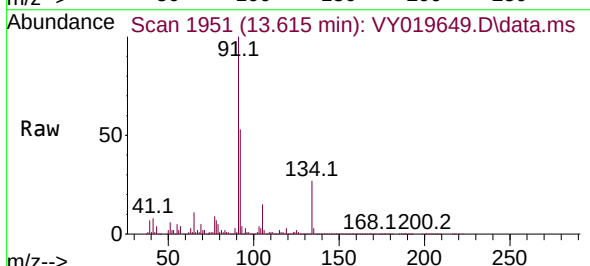
Instrument :
MSVOA_Y
ClientSampleId :

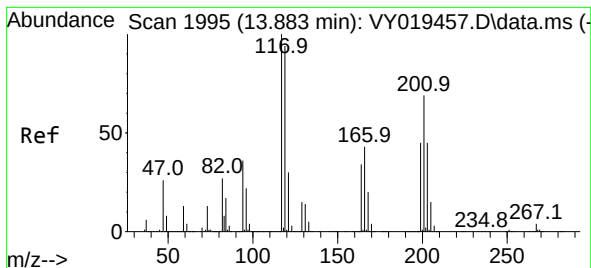
Tgt Ion:119 Resp: 123698
Ion Ratio Lower Upper
119 100
134 26.3 13.1 39.3
91 24.4 10.7 32.1



#89
n-Butylbenzene
Concen: 247.347 ug/l
RT: 13.615 min Scan# 1951
Delta R.T. -0.006 min
Lab File: VY019649.D
Acq: 20 Sep 2024 16:33

Tgt Ion: 91 Resp: 1071222
Ion Ratio Lower Upper
91 100
92 40.7 26.6 79.7
134 0.0 12.9 38.7#





#90

Hexachloroethane

Concen: 260.741 ug/l

RT: 13.889 min Scan# 1995

Delta R.T. 0.006 min

Lab File: VY019649.D

Acq: 20 Sep 2024 16:33

Instrument :

MSVOA_Y

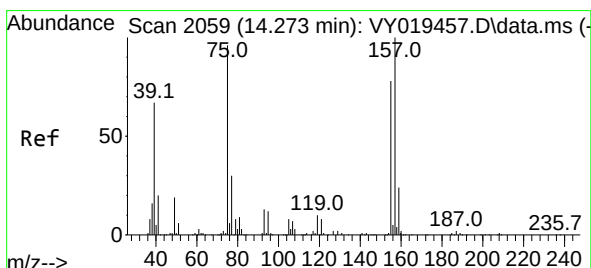
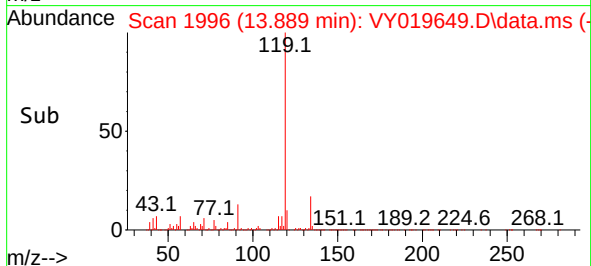
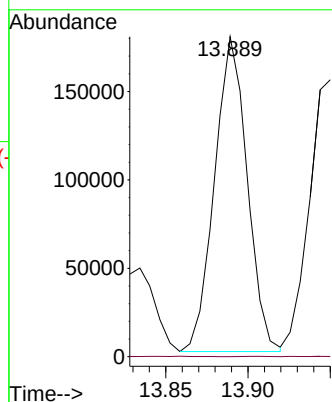
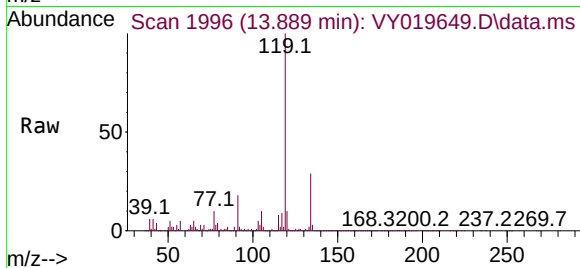
ClientSampleId :

Tgt Ion:117 Resp: 245777

Ion Ratio Lower Upper

117 100

201 0.1 37.4 112.2#



#92

1,2-Dibromo-3-Chloropropane

Concen: 40.548 ug/l

RT: 14.255 min Scan# 2056

Delta R.T. -0.018 min

Lab File: VY019649.D

Acq: 20 Sep 2024 16:33

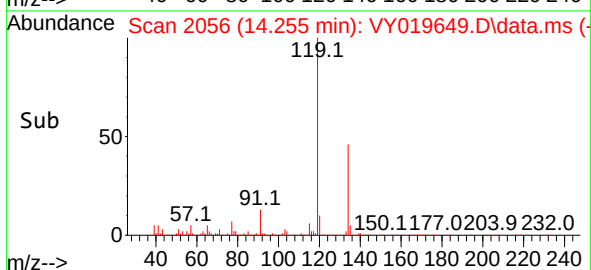
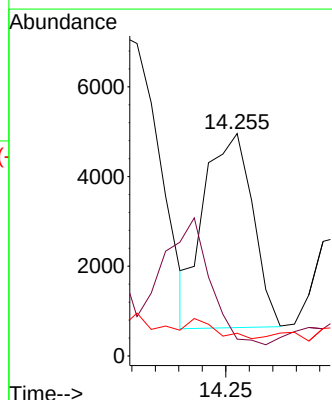
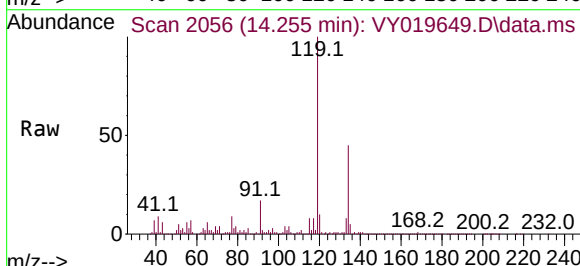
Tgt Ion: 75 Resp: 6212

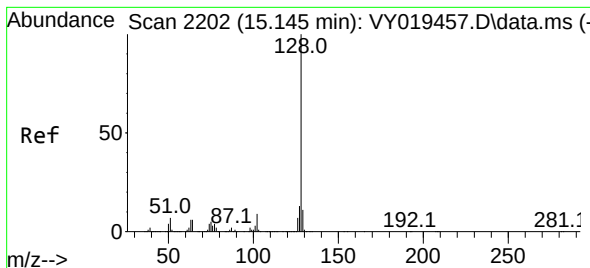
Ion Ratio Lower Upper

75 100

155 63.5 48.6 145.8

157 0.0 62.7 188.2#





#95

Naphthalene

Concen: 448.732 ug/l

RT: 15.139 min Scan# 21

Delta R.T. -0.006 min

Lab File: VY019649.D

Acq: 20 Sep 2024 16:33

Instrument :

MSVOA_Y

ClientSampleId :

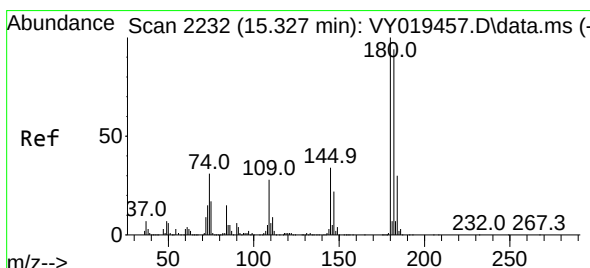
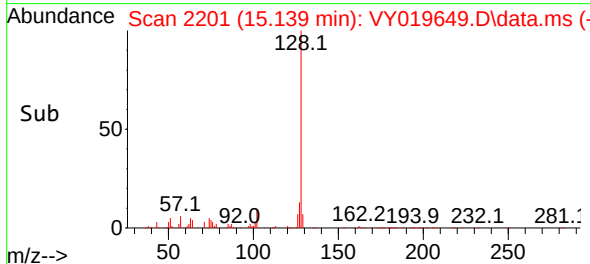
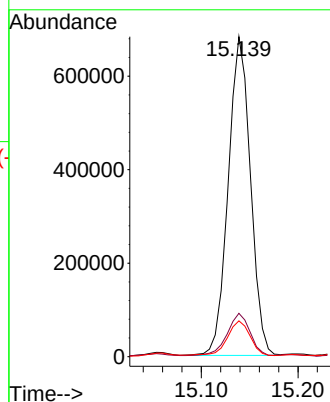
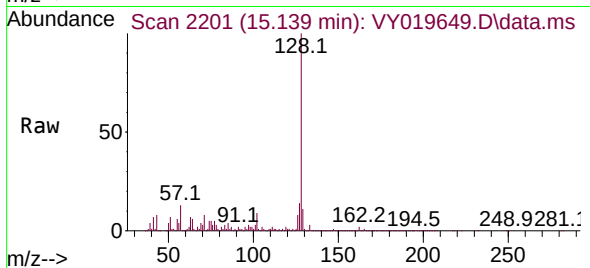
Tgt Ion:128 Resp: 1088538

Ion Ratio Lower Upper

128 100

127 13.6 10.6 16.0

129 11.1 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 2.535 ug/l

RT: 15.346 min Scan# 2235

Delta R.T. 0.019 min

Lab File: VY019649.D

Acq: 20 Sep 2024 16:33

Tgt Ion:180 Resp: 2627

Ion Ratio Lower Upper

180 100

182 86.0 47.6 142.9

145 0.0 15.4 46.1#

