

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041025\
 Data File : VY021848.D
 Acq On : 10 Apr 2025 19:08
 Operator : SY/MD
 Sample : Q1760-07
 Misc : 6.01g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-15-VOC

Quant Time: Apr 11 01:53:24 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032725S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 28 02:30:29 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	391965	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.622	114	729047	50.000	ug/l	# 0.00
63) Chlorobenzene-d5	11.420	117	529641	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	385775	50.000	ug/l	# 0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	152636	35.941	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	71.880%
35) Dibromofluoromethane	7.640	113	166711	35.251	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	70.500%
50) Toluene-d8	10.115	98	2901048	161.247	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	322.500%#
62) 4-Bromofluorobenzene	12.408	95	1034610	170.012	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	340.020%#

Target Compounds				Qvalue		
11) Tert butyl alcohol	4.665	59	3530	12.797	ug/l #	1
13) Acrolein	3.616	56	87983	174.682	ug/l #	1
14) Allyl chloride	4.476	41	398754	60.830	ug/l #	67
15) Acrylonitrile	5.141	53	718867	764.990	ug/l #	41
16) Acetone	3.860	43	469011	539.615	ug/l #	56
18) Methyl Acetate	4.470	43	249386	115.771	ug/l #	52
20) Methylene Chloride	4.494	84	138342	31.063	ug/l #	13
23) Vinyl Acetate	5.945	43	281964	35.051	ug/l #	74
24) 1,1-Dichloroethane	6.012	63	181896	22.122	ug/l #	82
25) 2-Butanone	6.896	43	291240	234.601	ug/l #	51
26) 2,2-Dichloropropane	6.781	77	16038	2.193	ug/l #	54
28) Bromochloromethane	7.451	49	98791	28.489	ug/l #	14
29) Tetrahydrofuran	7.280	42	42208	52.828	ug/l #	34
30) Chloroform	7.390	83	1987799	232.432	ug/l #	19
31) Cyclohexane	7.707	56	27125284	3618.929	ug/l	96
32) 1,1,1-Trichloroethane	7.549	97	9414	1.218	ug/l #	1
36) 1,1-Dichloropropene	7.811	75	7769	1.079	ug/l #	1
37) Ethyl Acetate	6.896	43	291240	85.670	ug/l #	69
38) Carbon Tetrachloride	7.713	117	46805	5.673	ug/l #	16
39) Methylcyclohexane	9.304	83	983594	114.303	ug/l #	1
40) Benzene	8.085	78	398064	18.453	ug/l	99
41) Methacrylonitrile	7.274	41	465005	257.563	ug/l #	100
42) 1,2-Dichloroethane	8.213	62	66331	10.907	ug/l #	1
43) Isopropyl Acetate	8.207	43	3961411	614.897	ug/l #	62
45) 1,2-Dichloropropane	9.128	63	717476	140.509	ug/l #	1
46) Dibromomethane	9.256	93	9520	3.235	ug/l #	1
47) Bromodichloromethane	9.420	83	1854230	243.163	ug/l #	25
48) Methyl methacrylate	9.183	41	2286709	773.375	ug/l #	34
49) 1,4-Dioxane	9.189	88	164	5.202	ug/l #	1
51) 4-Methyl-2-Pentanone	9.902	43	21357771	6370.489	ug/l #	43
52) Toluene	10.176	92	1577846	117.233	ug/l	100
55) 1,1,2-Trichloroethane	10.554	97	7365004	1944.752	ug/l #	19
56) Ethyl methacrylate	10.463	69	2284037	472.326	ug/l #	3
58) 2-Chloroethyl Vinyl ether	9.701	63	199791	84.692	ug/l #	47
59) 2-Hexanone	10.743	43	5099275	2283.817	ug/l #	29
60) Dibromochloromethane	10.841	129	21911	4.238	ug/l #	11

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

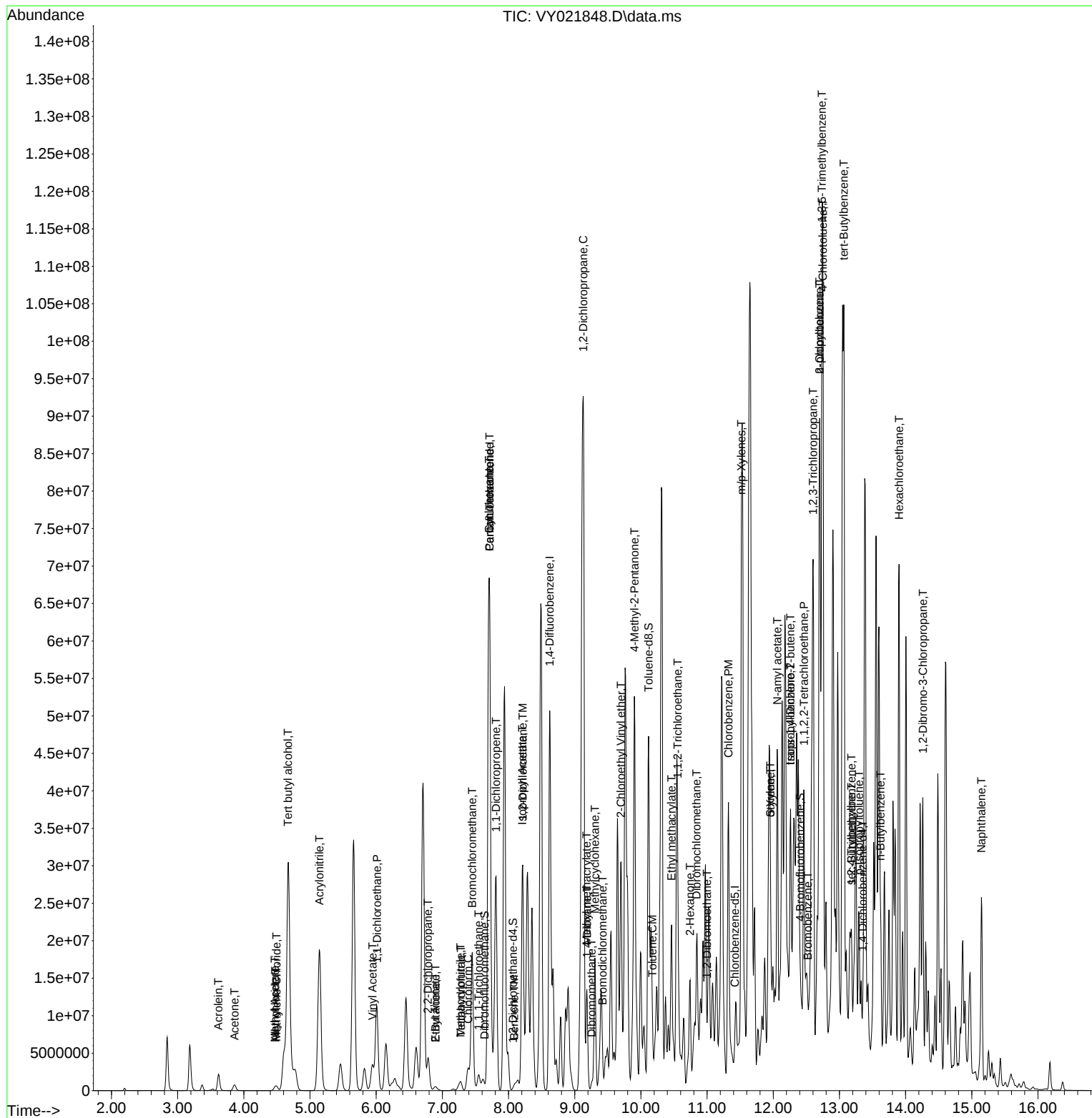
61) 1,2-Dibromoethane	10.999	107	46997	13.229	ug/l #	1	
65) Chlorobenzene	11.322	112	105820	8.716	ug/l #	57	
68) m/p-Xylenes	11.517	106	19641581	2463.726	ug/l #	1	
69) o-Xylene	11.956	106	1380556	187.599	ug/l	89	
70) Styrene	11.956	104	76671	6.249	ug/l #	1	
73) Isopropylbenzene	12.261	105	12799153	446.695	ug/l	95	
74) N-amyl acetate	12.060	43	7970545	1185.286	ug/l #	59	
75) 1,1,2,2-Tetrachloroethane	12.462	83	763690	148.246	ug/l #	75	
76) 1,2,3-Trichloropropane	12.603	75	456969	119.500	ug/l #	100	
77) Bromobenzene	12.523	156	12485	1.815	ug/l #	1	
78) n-propylbenzene	12.700	91	8834471	256.460	ug/l #	1	
79) 2-Chlorotoluene	12.700	91	8834471	441.550	ug/l #	40	
80) 1,3,5-Trimethylbenzene	12.737	105	19369708	827.135	ug/l #	55	
81) trans-1,4-Dichloro-2-b...	12.261	75	182243	109.811	ug/l #	5	
82) 4-Chlorotoluene	12.749	91	4879046	233.905	ug/l #	45	
83) tert-Butylbenzene	13.066	119	13952667	668.931	ug/l #	57	
84) 1,2,4-Trimethylbenzene	13.182	105	5603075	242.084	ug/l #	31	
85) sec-Butylbenzene	13.182	105	5603075	183.815	ug/l #	59	
86) p-Isopropyltoluene	13.298	119	2936615	116.562	ug/l	96	
89) n-Butylbenzene	13.621	91	8626565	370.248	ug/l #	74	
90) Hexachloroethane	13.901	117	3584936	649.343	ug/l #	12	
92) 1,2-Dibromo-3-Chloropr...	14.261	75	140181	175.570	ug/l #	5	
95) Naphthalene	15.145	128	15877922	1497.104	ug/l #	92	

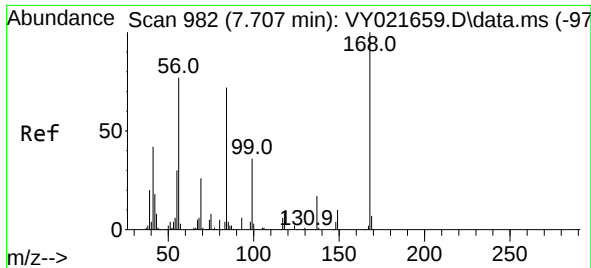
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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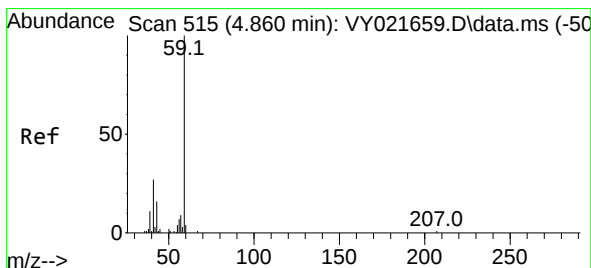
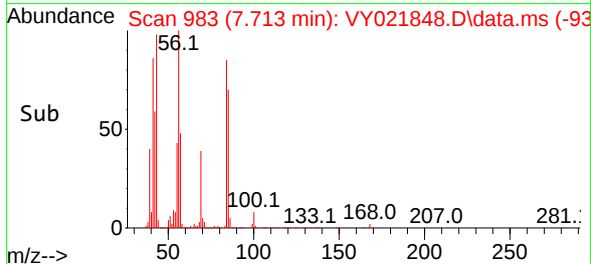
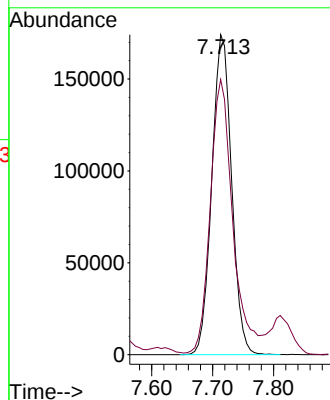
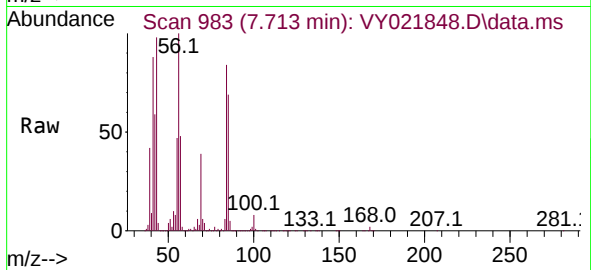




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY021848.D
Acq: 10 Apr 2025 19:08

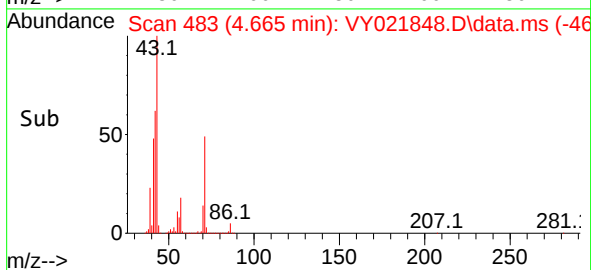
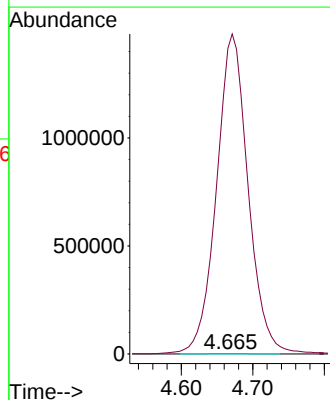
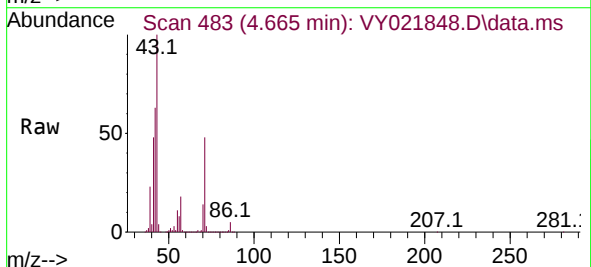
Instrument :
MSVOA_Y
ClientSampleId :
TP-15-VOC

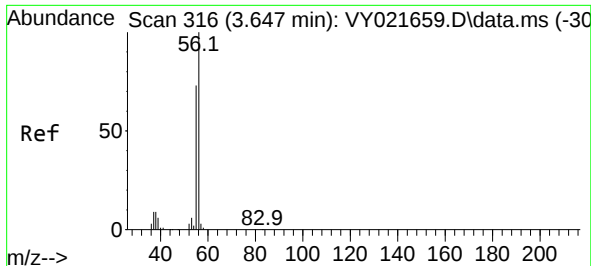
Tgt Ion:168 Resp: 391965
Ion Ratio Lower Upper
168 100
99 85.3 46.7 70.1#



#11
Tert butyl alcohol
Concen: 12.797 ug/l
RT: 4.665 min Scan# 483
Delta R.T. -0.195 min
Lab File: VY021848.D
Acq: 10 Apr 2025 19:08

Tgt Ion: 59 Resp: 3530
Ion Ratio Lower Upper
59 100
57 129488.6 9.2 13.8#





#13

Acrolein

Concen: 174.682 ug/l

RT: 3.616 min Scan# 316

Delta R.T. -0.030 min

Lab File: VY021848.D

Acq: 10 Apr 2025 19:08

Instrument :

MSVOA_Y

ClientSampleId :

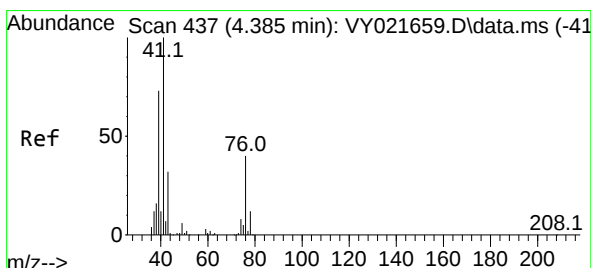
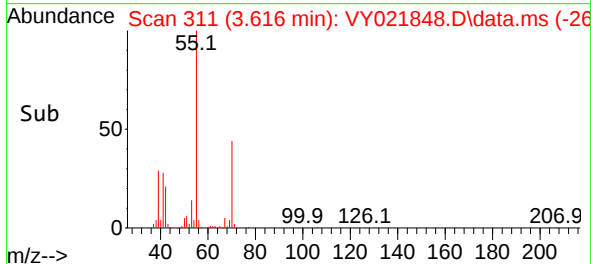
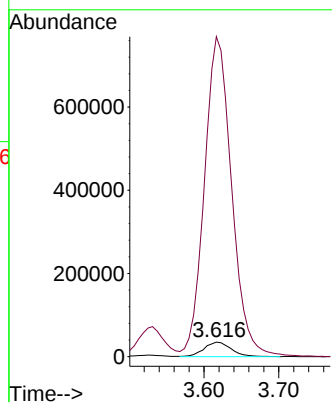
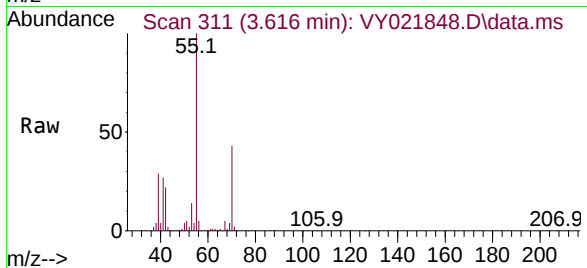
TP-15-VOC

Tgt Ion: 56 Resp: 87983

Ion Ratio Lower Upper

56 100

55 2223.5 56.6 85.0#



#14

Allyl chloride

Concen: 60.830 ug/l

RT: 4.476 min Scan# 452

Delta R.T. 0.092 min

Lab File: VY021848.D

Acq: 10 Apr 2025 19:08

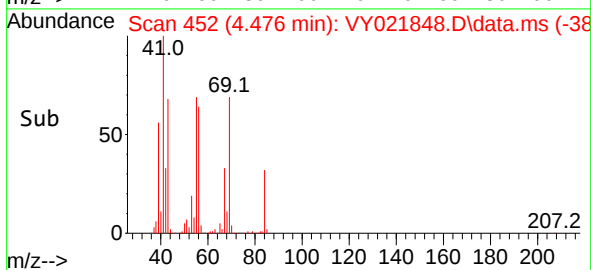
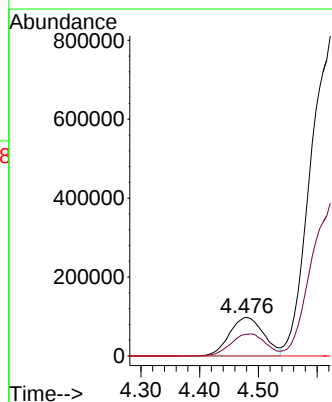
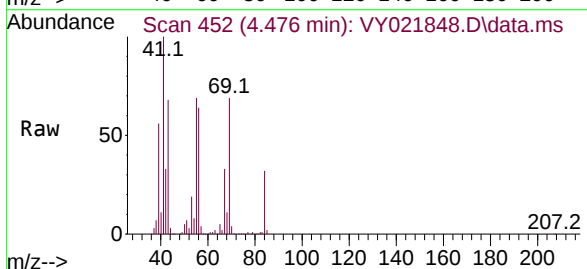
Tgt Ion: 41 Resp: 398754

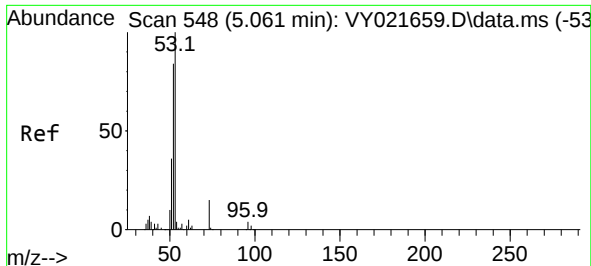
Ion Ratio Lower Upper

41 100

39 58.0 58.6 88.0#

76 0.0 30.3 45.5#

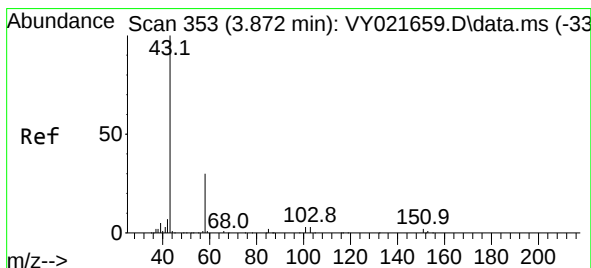
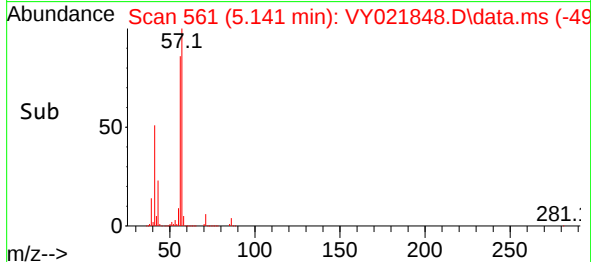
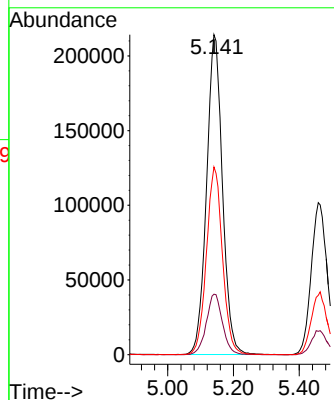
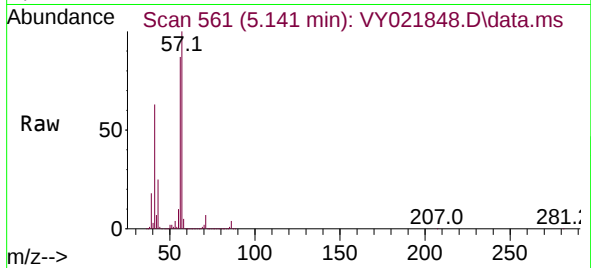




#15
Acrylonitrile
Concen: 764.990 ug/l
RT: 5.141 min Scan# 501
Delta R.T. 0.079 min
Lab File: VY021848.D
Acq: 10 Apr 2025 19:08

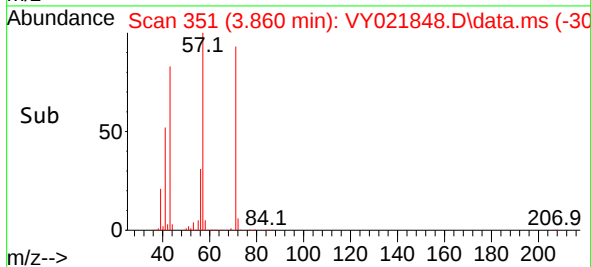
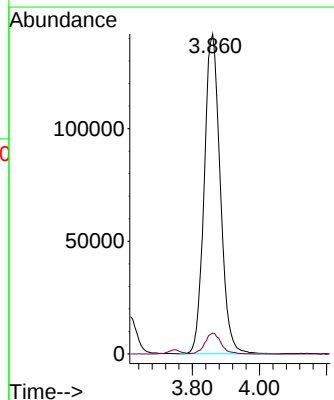
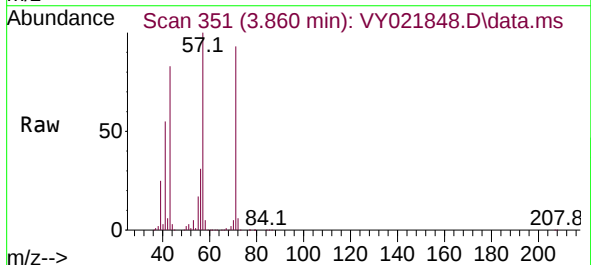
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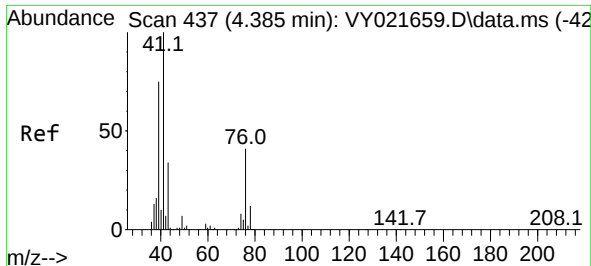
Tgt Ion: 53 Resp: 718867
Ion Ratio Lower Upper
53 100
52 19.3 64.9 97.3#
51 59.1 30.2 45.2#



#16
Acetone
Concen: 539.615 ug/l
RT: 3.860 min Scan# 351
Delta R.T. -0.012 min
Lab File: VY021848.D
Acq: 10 Apr 2025 19:08

Tgt Ion: 43 Resp: 469011
Ion Ratio Lower Upper
43 100
58 6.5 24.2 36.4#

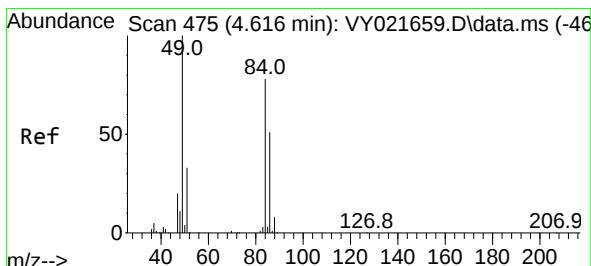
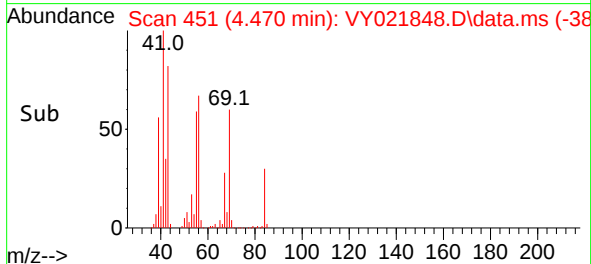
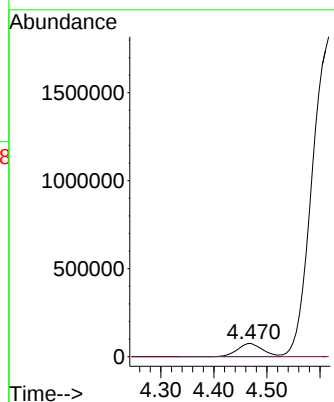
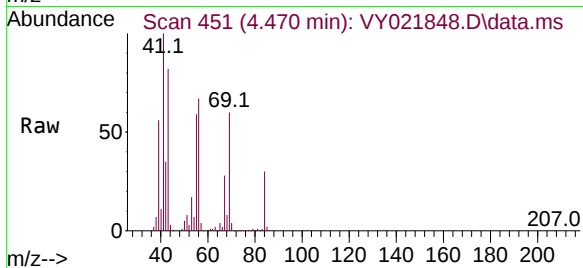




#18
Methyl Acetate
Concen: 115.771 ug/l
RT: 4.470 min Scan# 418
Delta R.T. 0.085 min
Lab File: VY021848.D
Acq: 10 Apr 2025 19:08

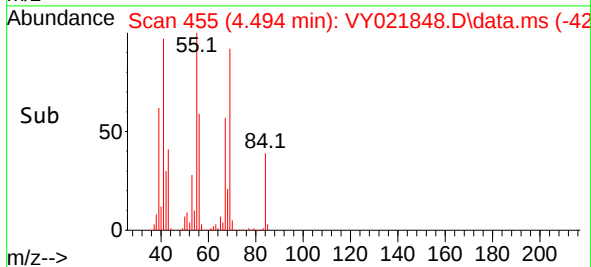
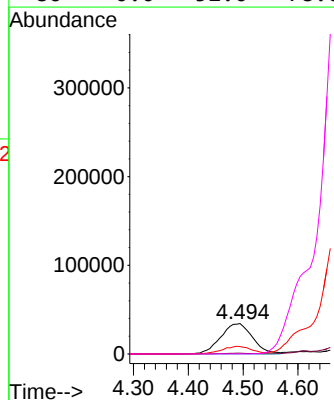
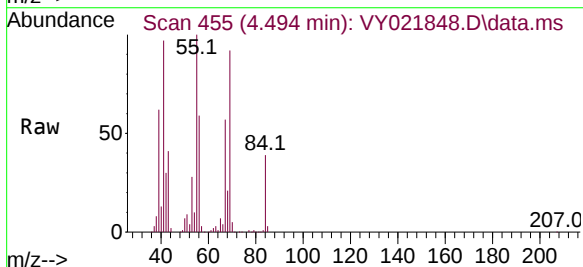
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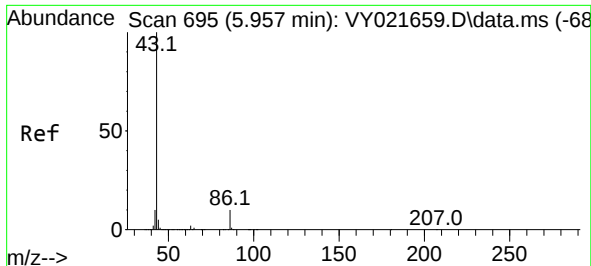
Tgt Ion: 43 Resp: 249386
Ion Ratio Lower Upper
43 100
74 0.4 19.1 28.7#



#20
Methylene Chloride
Concen: 31.063 ug/l
RT: 4.494 min Scan# 455
Delta R.T. -0.122 min
Lab File: VY021848.D
Acq: 10 Apr 2025 19:08

Tgt Ion: 84 Resp: 138342
Ion Ratio Lower Upper
84 100
49 2.4 102.8 154.2#
51 24.0 33.5 50.3#
86 0.0 52.0 78.0#

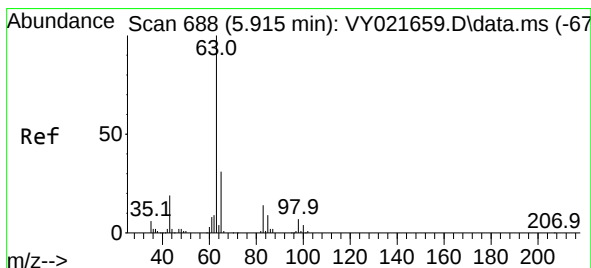
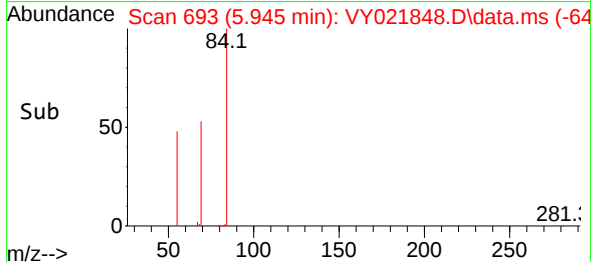
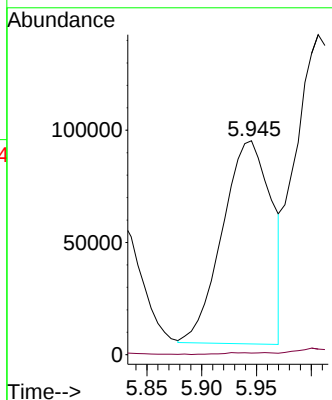
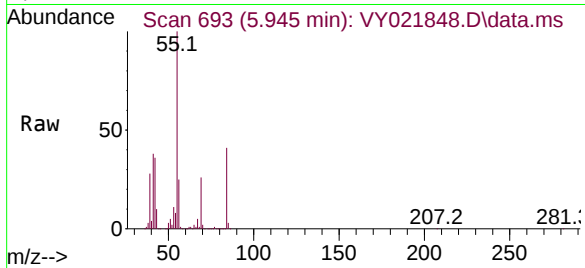




#23
Vinyl Acetate
Concen: 35.051 ug/l
RT: 5.945 min Scan# 64
Delta R.T. -0.012 min
Lab File: VY021848.D
Acq: 10 Apr 2025 19:08

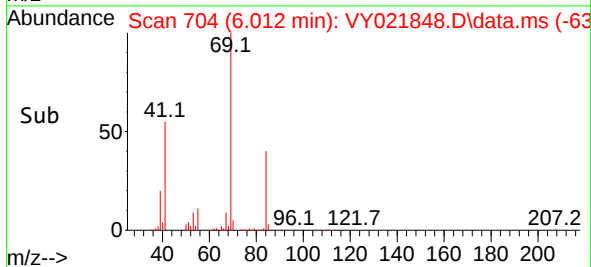
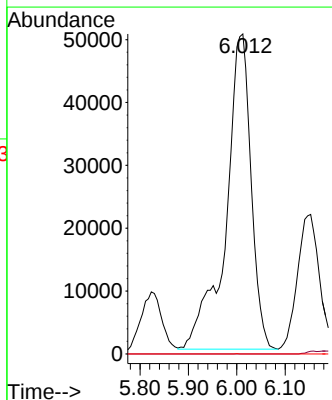
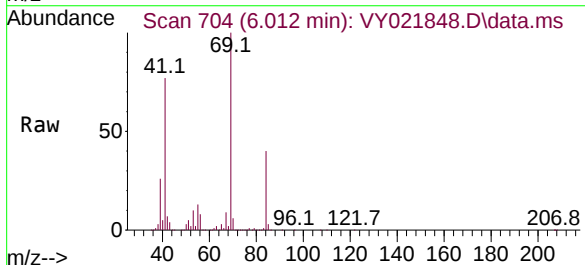
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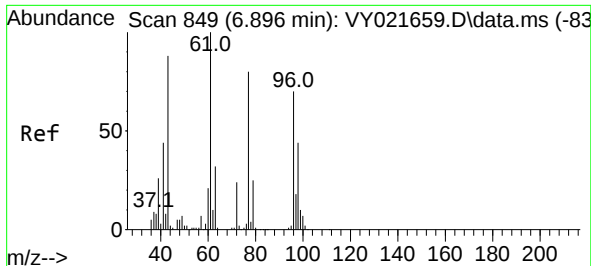
Tgt Ion: 43 Resp: 281964
Ion Ratio Lower Upper
43 100
86 0.6 8.2 12.2#



#24
1,1-Dichloroethane
Concen: 22.122 ug/l
RT: 6.012 min Scan# 704
Delta R.T. 0.098 min
Lab File: VY021848.D
Acq: 10 Apr 2025 19:08

Tgt Ion: 63 Resp: 181896
Ion Ratio Lower Upper
63 100
98 0.0 3.5 10.5#
100 0.0 2.2 6.6#

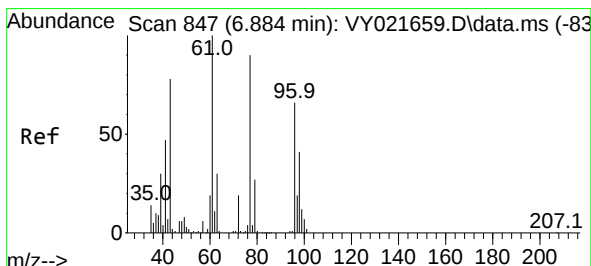
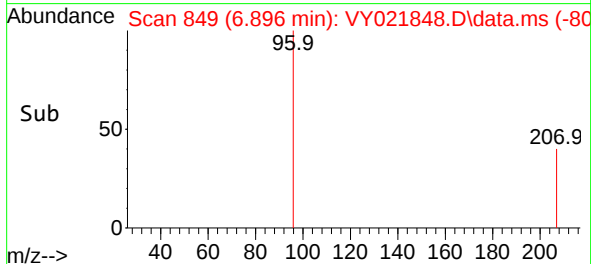
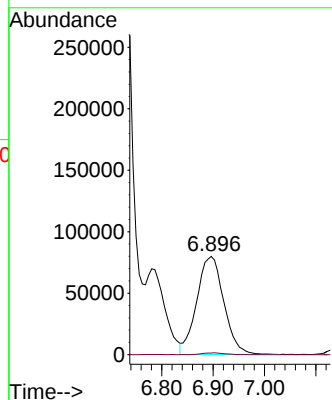
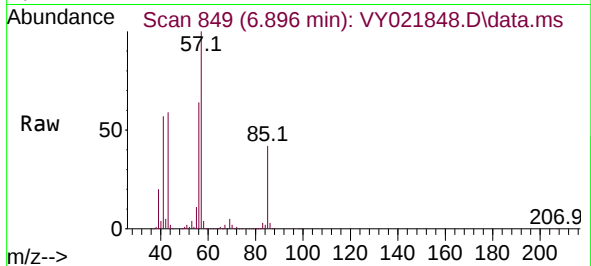




#25
2-Butanone
Concen: 234.601 ug/l
RT: 6.896 min Scan# 849
Delta R.T. 0.000 min
Lab File: VY021848.D
Acq: 10 Apr 2025 19:08

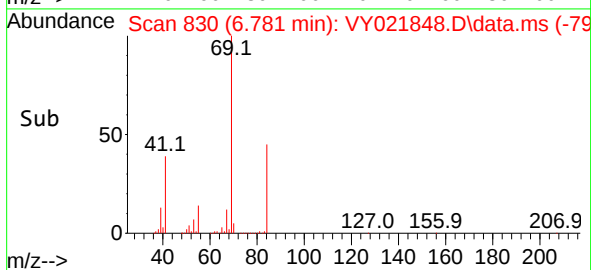
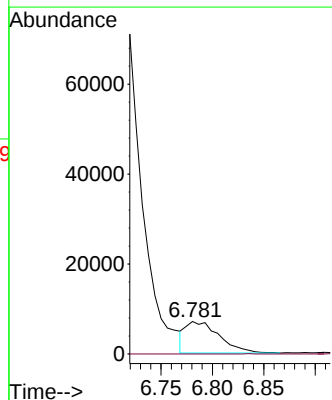
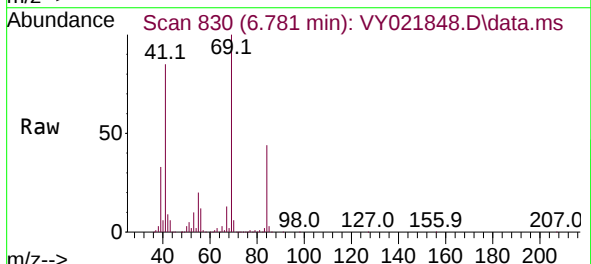
Instrument :
MSVOA_Y
ClientSampleId :
TP-15-VOC

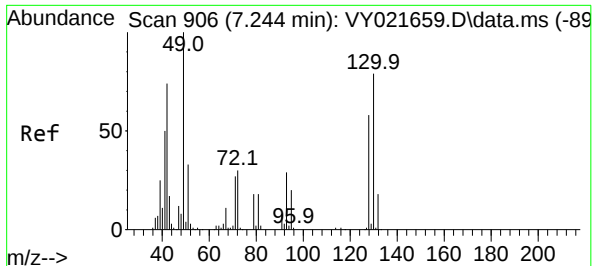
Tgt Ion: 43 Resp: 291240
Ion Ratio Lower Upper
43 100
72 1.7 21.4 32.2#



#26
2,2-Dichloropropane
Concen: 2.193 ug/l
RT: 6.781 min Scan# 830
Delta R.T. -0.104 min
Lab File: VY021848.D
Acq: 10 Apr 2025 19:08

Tgt Ion: 77 Resp: 16038
Ion Ratio Lower Upper
77 100
97 0.0 11.1 33.1#

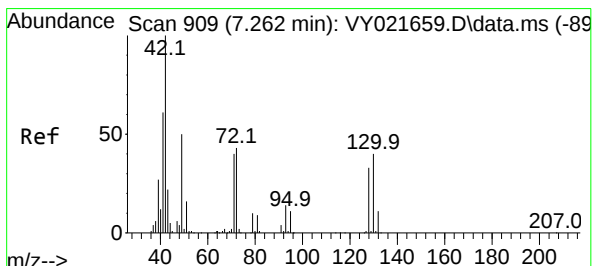
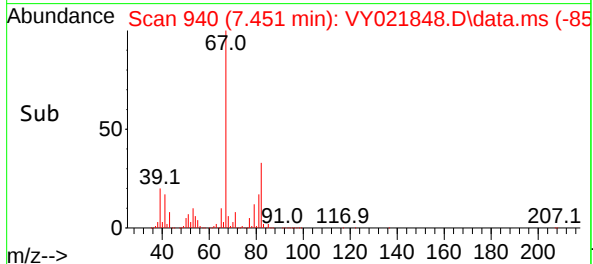
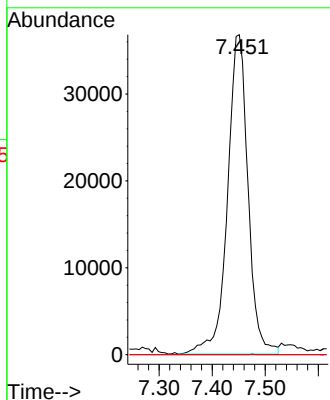
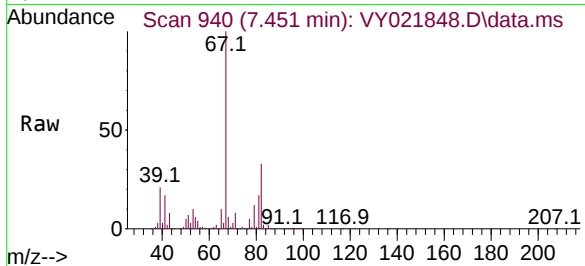




#28
Bromochloromethane
Concen: 28.489 ug/l
RT: 7.451 min Scan# 912
Delta R.T. 0.207 min
Lab File: VY021848.D
Acq: 10 Apr 2025 19:08

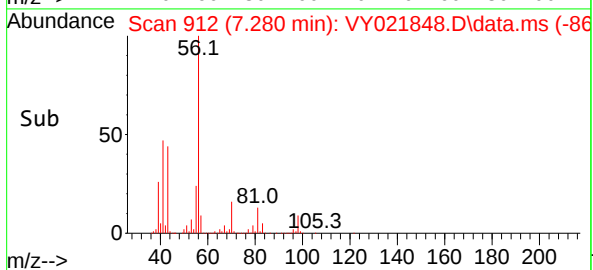
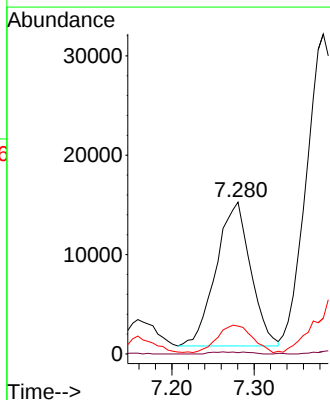
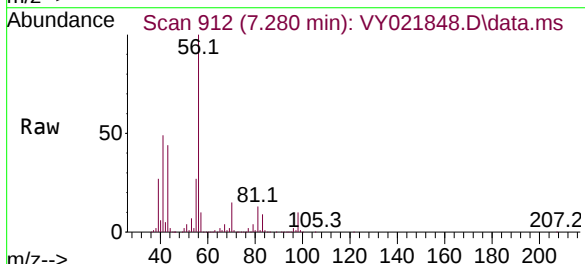
Instrument :
MSVOA_Y
ClientSampleId :
TP-15-VOC

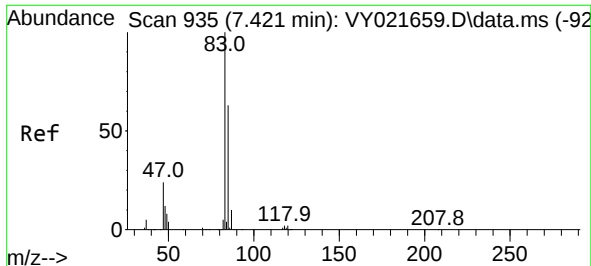
Tgt Ion: 49 Resp: 98791
Ion Ratio Lower Upper
49 100
129 0.0 0.0 4.4
130 0.0 60.1 90.1#



#29
Tetrahydrofuran
Concen: 52.828 ug/l
RT: 7.280 min Scan# 912
Delta R.T. 0.018 min
Lab File: VY021848.D
Acq: 10 Apr 2025 19:08

Tgt Ion: 42 Resp: 42208
Ion Ratio Lower Upper
42 100
72 0.0 34.6 52.0#
71 0.0 32.5 48.7#

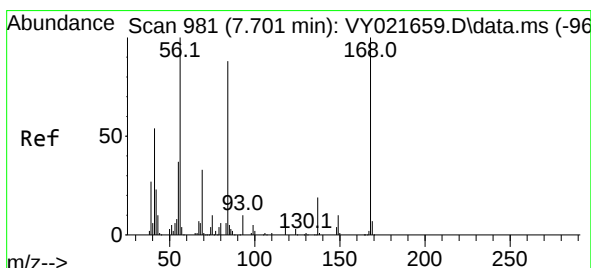
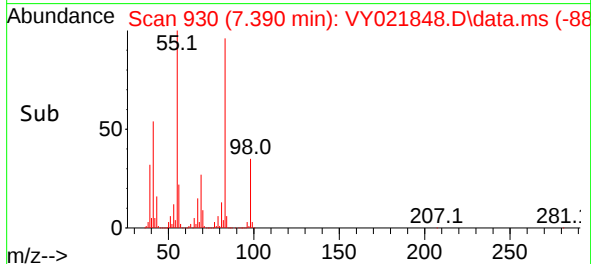
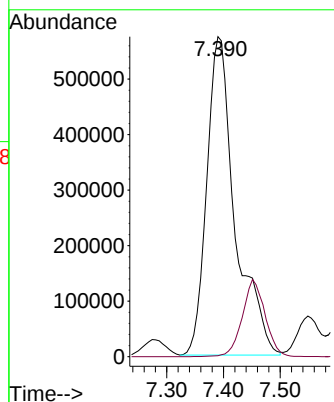
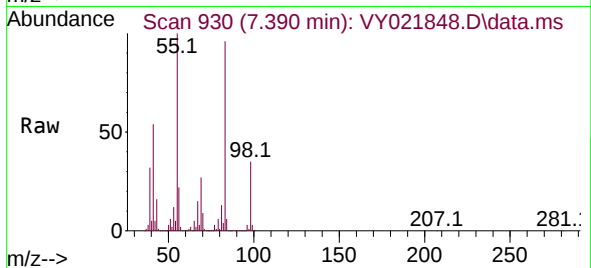




#30
Chloroform
Concen: 232.432 ug/l
RT: 7.390 min Scan# 91
Delta R.T. -0.030 min
Lab File: VY021848.D
Acq: 10 Apr 2025 19:08

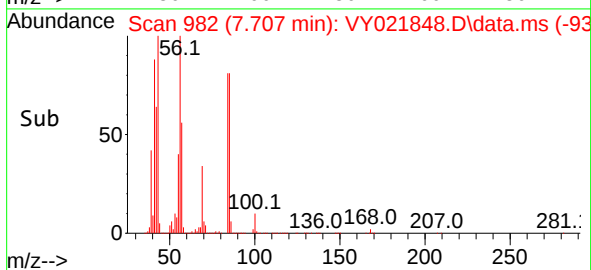
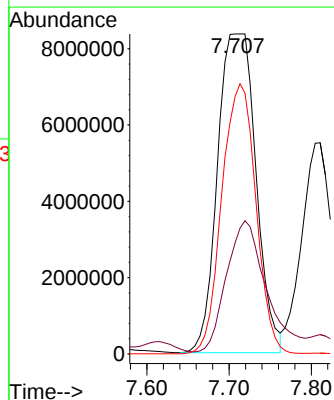
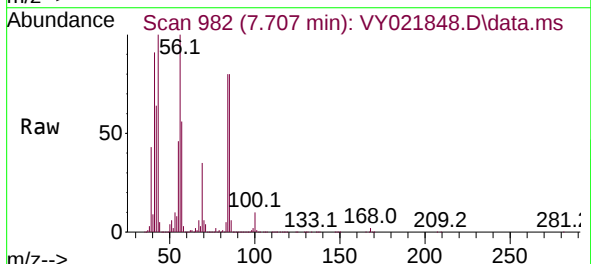
Instrument :
MSVOA_Y
ClientSampleId :
TP-15-VOC

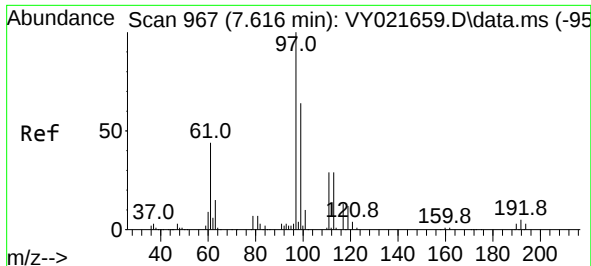
Tgt Ion: 83 Resp: 1987799
Ion Ratio Lower Upper
83 100
85 0.3 50.6 75.8#



#31
Cyclohexane
Concen: 3618.929 ug/l
RT: 7.707 min Scan# 982
Delta R.T. 0.006 min
Lab File: VY021848.D
Acq: 10 Apr 2025 19:08

Tgt Ion: 56 Resp: 27125284
Ion Ratio Lower Upper
56 100
69 33.2 26.6 40.0
84 80.7 69.0 103.4





#32

1,1,1-Trichloroethane

Concen: 1.218 ug/l

RT: 7.549 min Scan# 91

Delta R.T. -0.067 min

Lab File: VY021848.D

Acq: 10 Apr 2025 19:08

Instrument :

MSVOA_Y

ClientSampleId :

TP-15-VOC

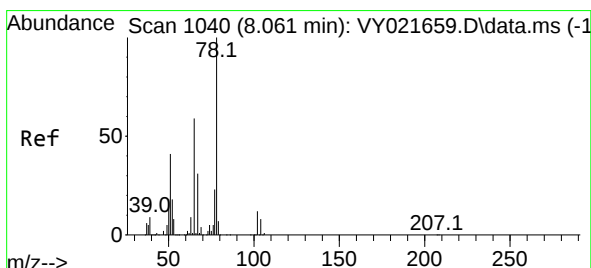
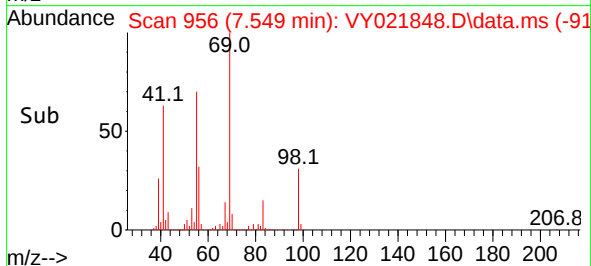
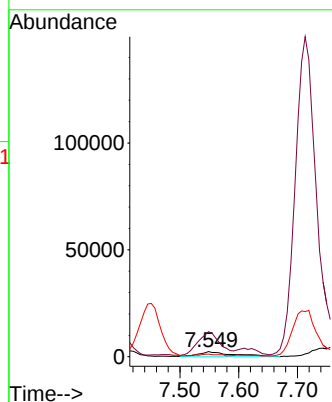
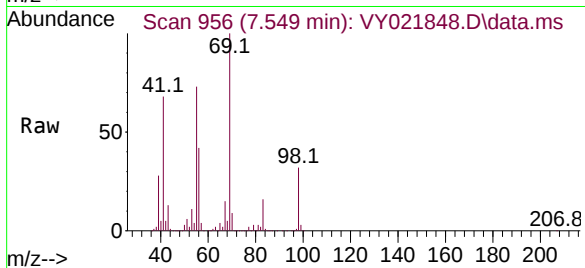
Tgt Ion: 97 Resp: 9414

Ion Ratio Lower Upper

97 100

99 312.4 50.7 76.1#

61 36.2 35.2 52.8



#33

1,2-Dichloroethane-d4

Concen: 35.941 ug/l

RT: 8.067 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VY021848.D

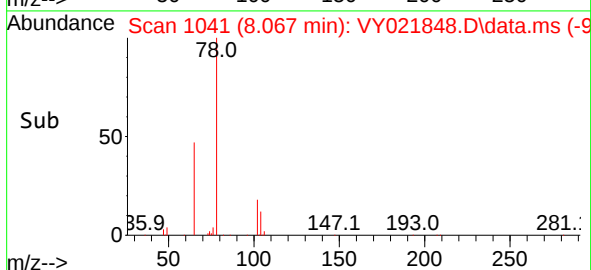
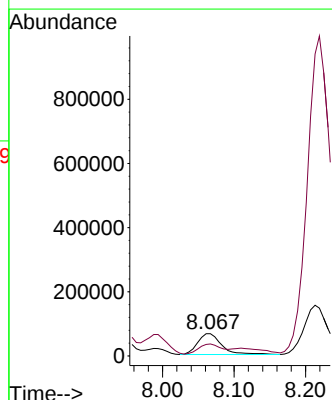
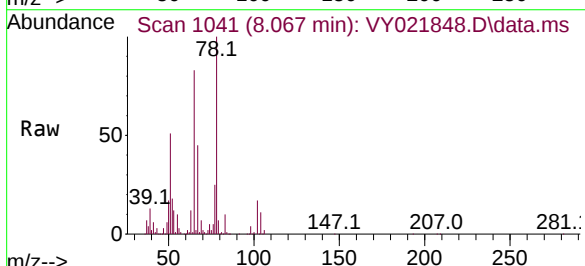
Acq: 10 Apr 2025 19:08

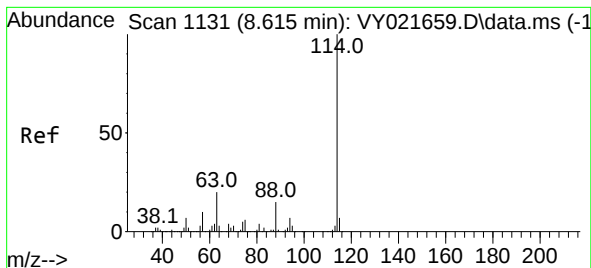
Tgt Ion: 65 Resp: 152636

Ion Ratio Lower Upper

65 100

67 0.0 0.0 104.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.622 min Scan# 1132

Delta R.T. 0.006 min

Lab File: VY021848.D

Acq: 10 Apr 2025 19:08

Instrument :

MSVOA_Y

ClientSampleId :

TP-15-VOC

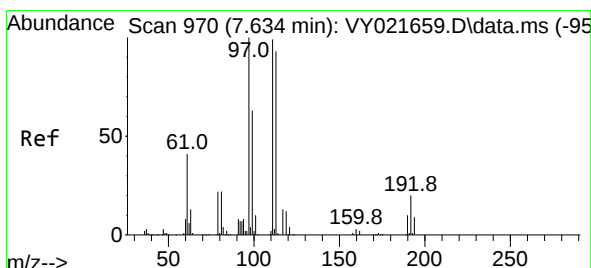
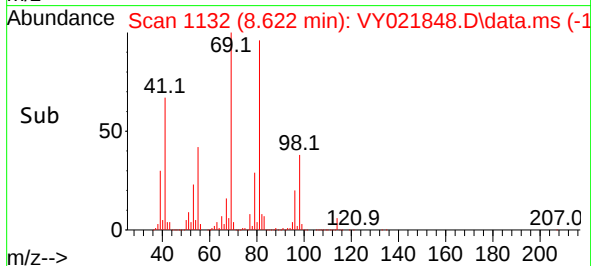
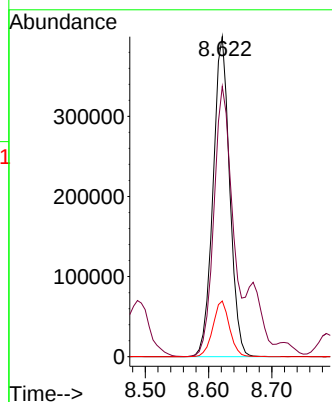
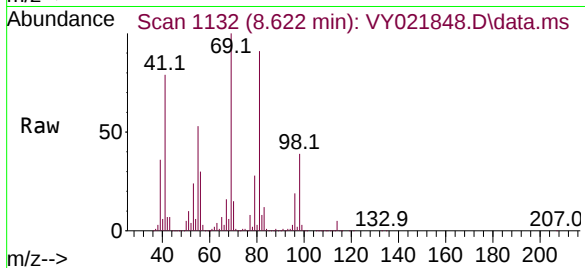
Tgt Ion:114 Resp: 729047

Ion Ratio Lower Upper

114 100

63 84.3 0.0 40.2#

88 17.4 0.0 29.8



#35

Dibromofluoromethane

Concen: 35.251 ug/l

RT: 7.640 min Scan# 971

Delta R.T. 0.006 min

Lab File: VY021848.D

Acq: 10 Apr 2025 19:08

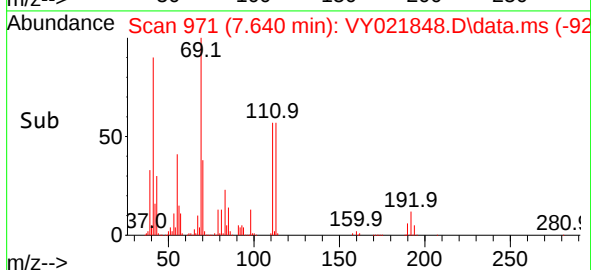
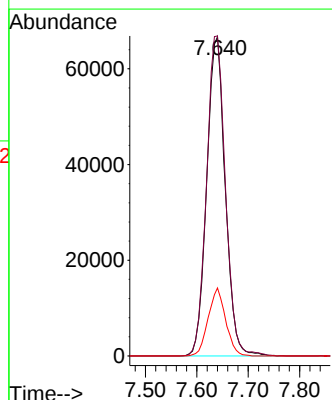
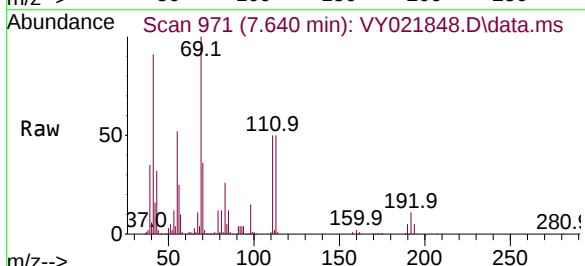
Tgt Ion:113 Resp: 166711

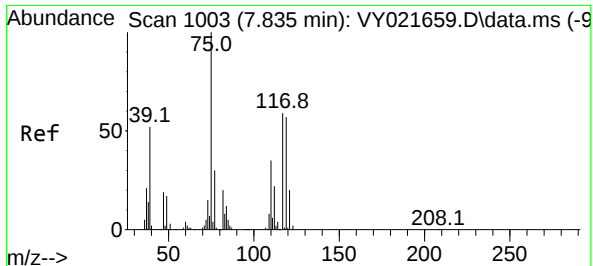
Ion Ratio Lower Upper

113 100

111 102.7 82.6 123.8

192 20.1 16.2 24.4

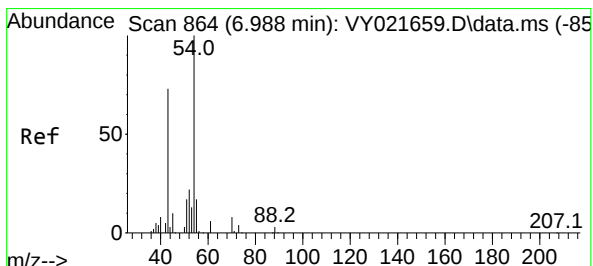
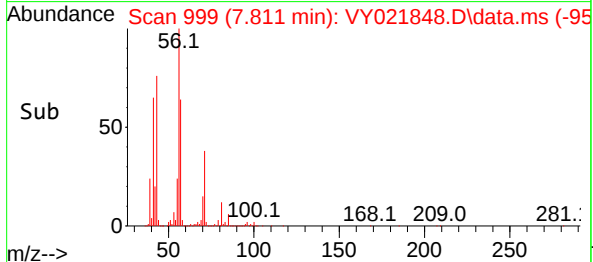
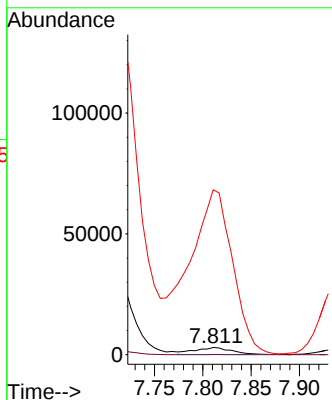
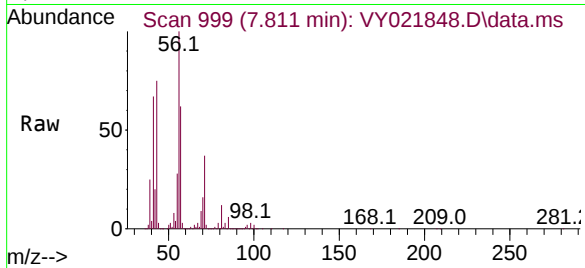




#36
 1,1-Dichloropropene
 Concen: 1.079 ug/l
 RT: 7.811 min Scan# 91
 Delta R.T. -0.024 min
 Lab File: VY021848.D
 Acq: 10 Apr 2025 19:08

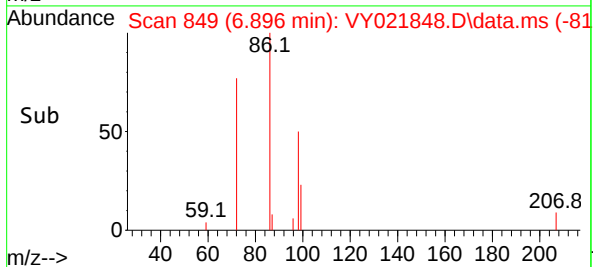
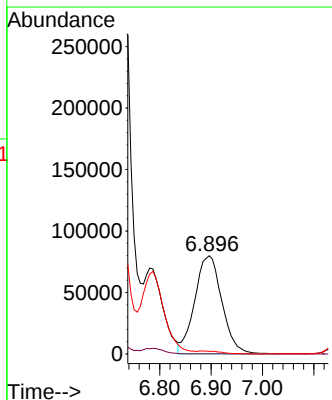
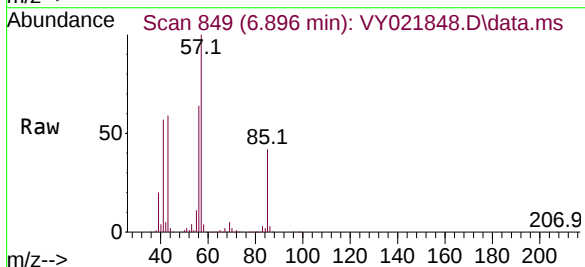
Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-15-VOC

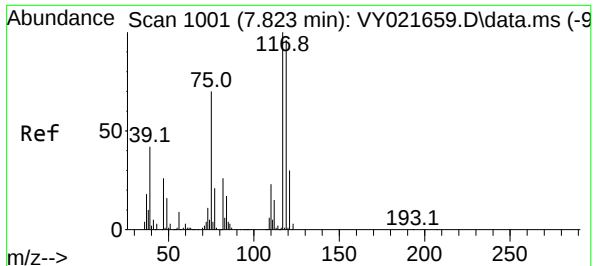
Tgt Ion: 75 Resp: 7769
 Ion Ratio Lower Upper
 75 100
 110 0.0 17.0 50.9#
 77 2706.4 24.8 37.2#



#37
 Ethyl Acetate
 Concen: 85.670 ug/l
 RT: 6.896 min Scan# 849
 Delta R.T. -0.091 min
 Lab File: VY021848.D
 Acq: 10 Apr 2025 19:08

Tgt Ion: 43 Resp: 291240
 Ion Ratio Lower Upper
 43 100
 61 0.0 11.0 16.6#
 70 0.0 8.1 12.1#

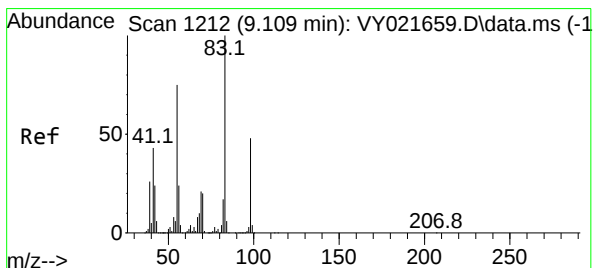
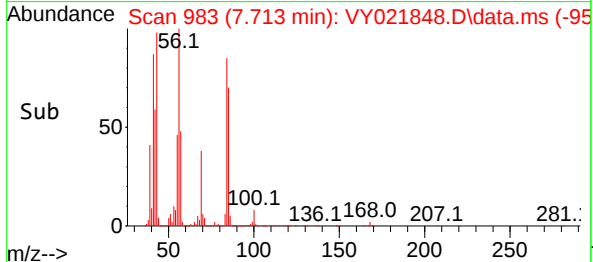
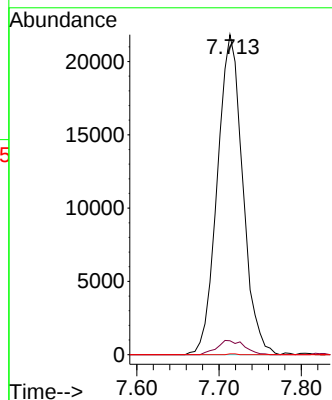
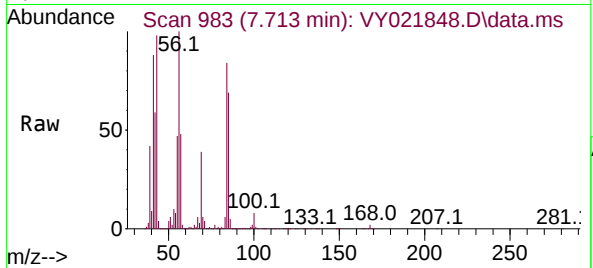




#38
Carbon Tetrachloride
Concen: 5.673 ug/l
RT: 7.713 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY021848.D
Acq: 10 Apr 2025 19:08

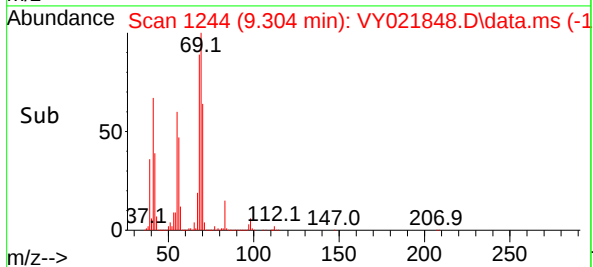
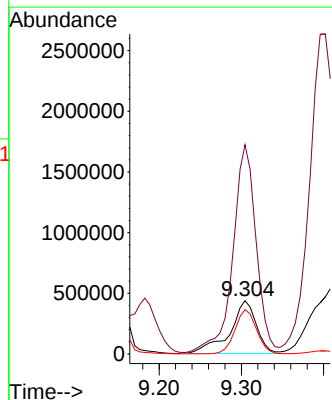
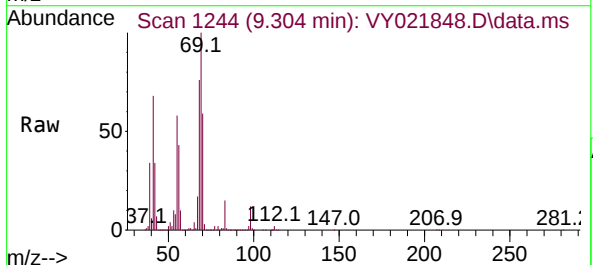
Instrument :
MSVOA_Y
ClientSampleId :
TP-15-VOC

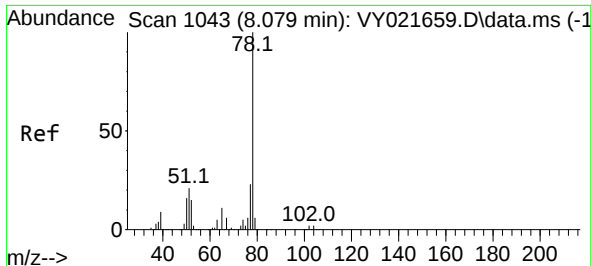
Tgt Ion:117 Resp: 46805
Ion Ratio Lower Upper
117 100
119 4.4 76.2 114.4#
121 0.3 24.2 36.4#



#39
Methylcyclohexane
Concen: 114.303 ug/l
RT: 9.304 min Scan# 1244
Delta R.T. 0.195 min
Lab File: VY021848.D
Acq: 10 Apr 2025 19:08

Tgt Ion: 83 Resp: 983594
Ion Ratio Lower Upper
83 100
55 393.2 59.7 89.5#
98 83.8 38.3 57.5#





#40

Benzene

Concen: 18.453 ug/l

RT: 8.085 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY021848.D

Acq: 10 Apr 2025 19:08

Instrument :

MSVOA_Y

ClientSampleId :

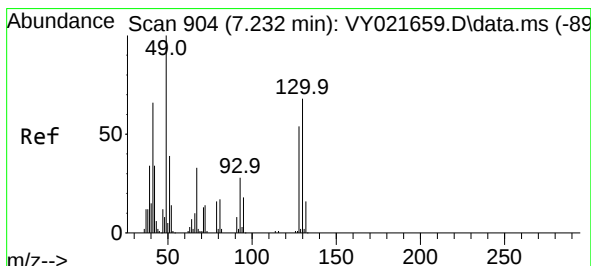
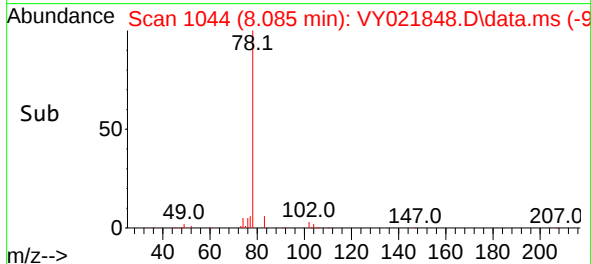
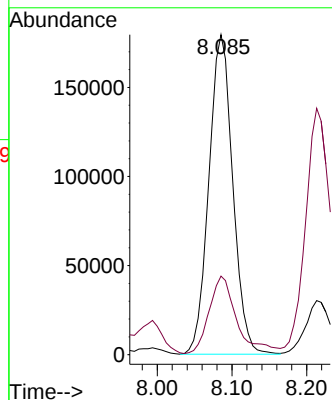
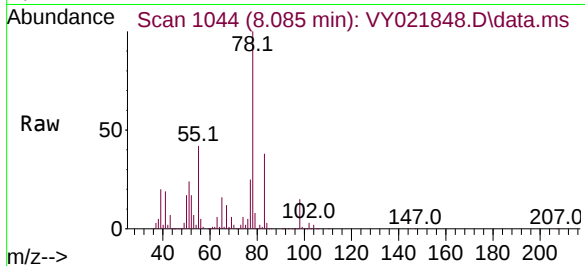
TP-15-VOC

Tgt Ion: 78 Resp: 398064

Ion Ratio Lower Upper

78 100

77 24.0 18.8 28.2



#41

Methacrylonitrile

Concen: 257.563 ug/l

RT: 7.274 min Scan# 911

Delta R.T. 0.043 min

Lab File: VY021848.D

Acq: 10 Apr 2025 19:08

Tgt Ion: 41 Resp: 465005

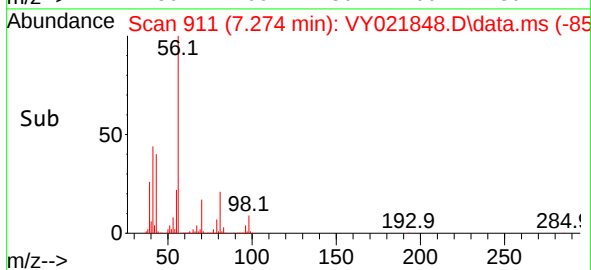
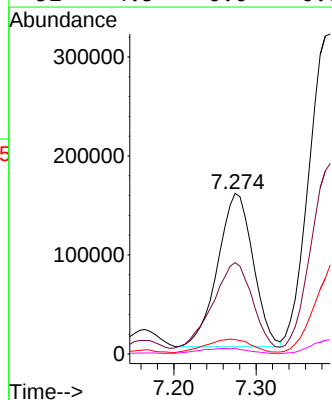
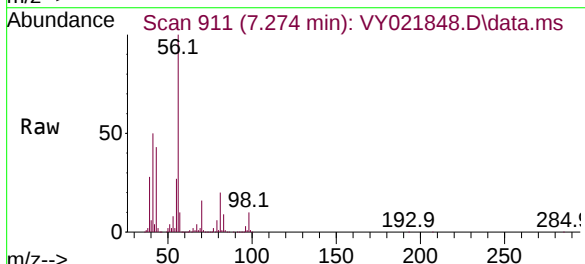
Ion Ratio Lower Upper

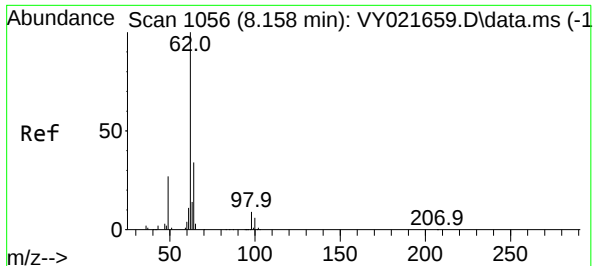
41 100

39 61.4 0.0 0.0#

67 0.0 0.0 0.0

52 4.5 0.0 0.0#





#42

1,2-Dichloroethane

Concen: 10.907 ug/l

RT: 8.213 min Scan# 1065

Delta R.T. 0.055 min

Lab File: VY021848.D

Acq: 10 Apr 2025 19:08

Instrument :

MSVOA_Y

ClientSampleId :

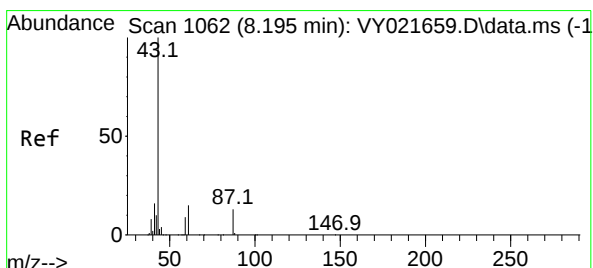
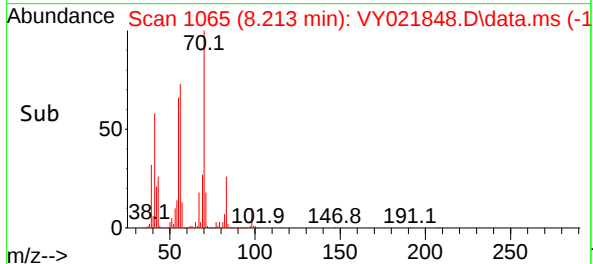
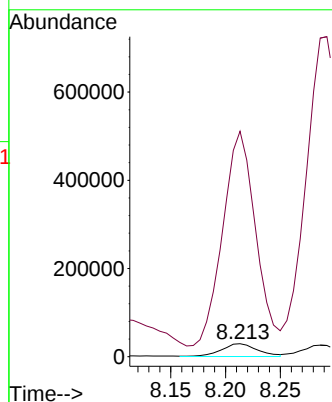
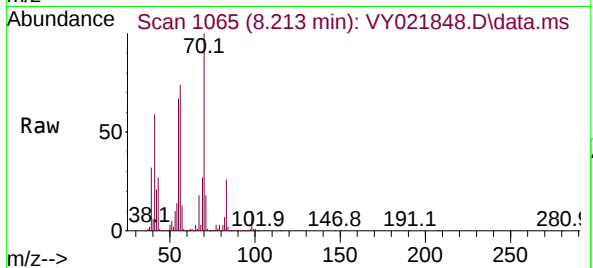
TP-15-VOC

Tgt Ion: 62 Resp: 66331

Ion Ratio Lower Upper

62 100

98 1568.4 0.0 18.4#



#43

Isopropyl Acetate

Concen: 614.897 ug/l

RT: 8.207 min Scan# 1064

Delta R.T. 0.012 min

Lab File: VY021848.D

Acq: 10 Apr 2025 19:08

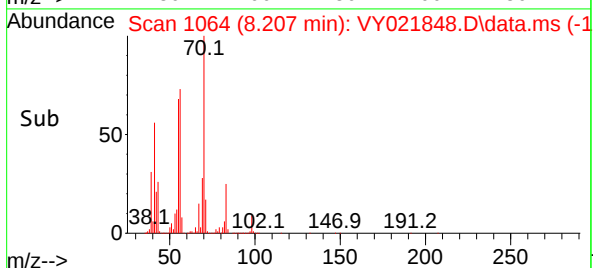
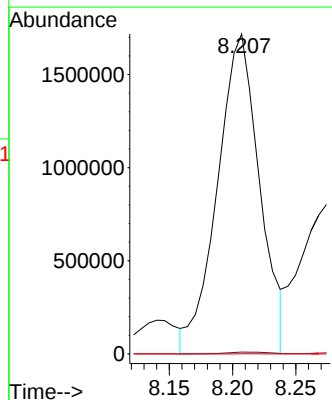
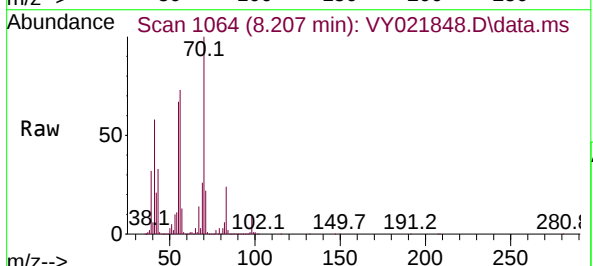
Tgt Ion: 43 Resp: 3961411

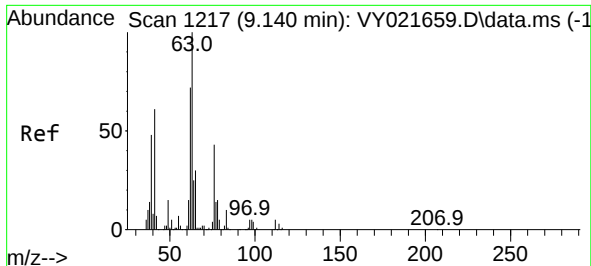
Ion Ratio Lower Upper

43 100

61 0.6 15.9 23.9#

87 0.0 10.4 15.6#





#45

1,2-Dichloropropane

Concen: 140.509 ug/l

RT: 9.128 min Scan# 1215

Delta R.T. -0.012 min

Lab File: VY021848.D

Acq: 10 Apr 2025 19:08

Instrument :

MSVOA_Y

ClientSampleId :

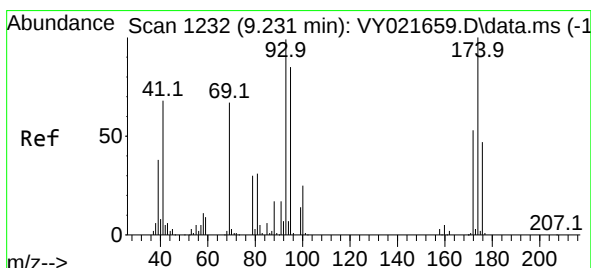
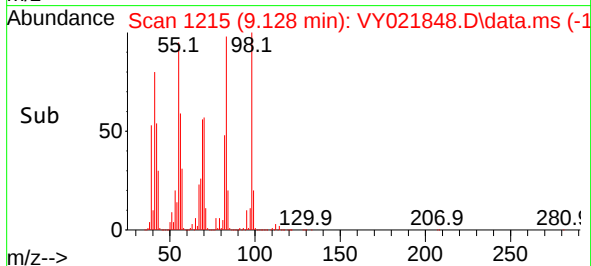
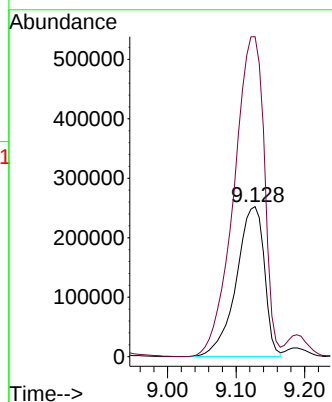
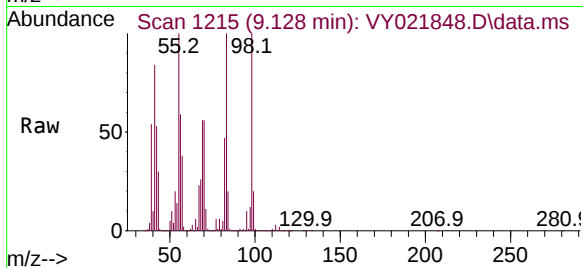
TP-15-VOC

Tgt Ion: 63 Resp: 717476

Ion Ratio Lower Upper

63 100

65 213.2 24.4 36.6#



#46

Dibromomethane

Concen: 3.235 ug/l

RT: 9.256 min Scan# 1236

Delta R.T. 0.025 min

Lab File: VY021848.D

Acq: 10 Apr 2025 19:08

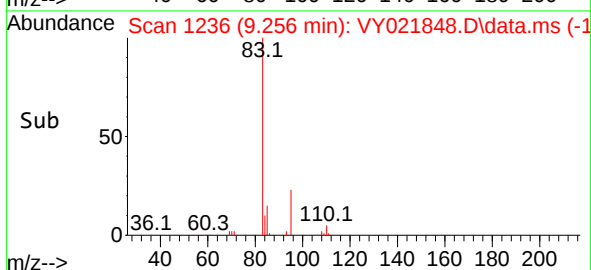
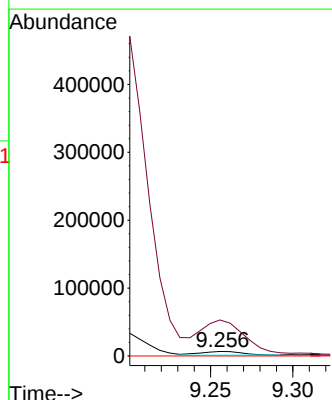
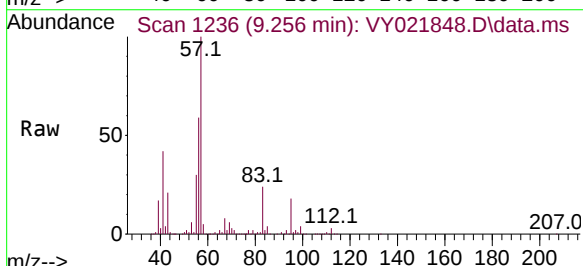
Tgt Ion: 93 Resp: 9520

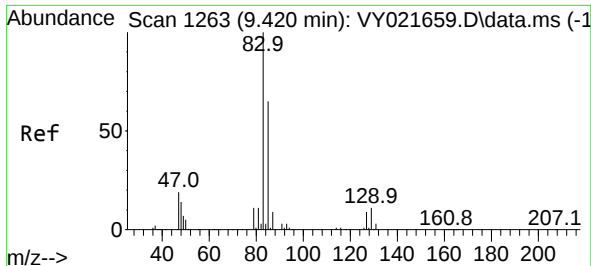
Ion Ratio Lower Upper

93 100

95 955.2 68.1 102.1#

174 0.0 80.9 121.3#

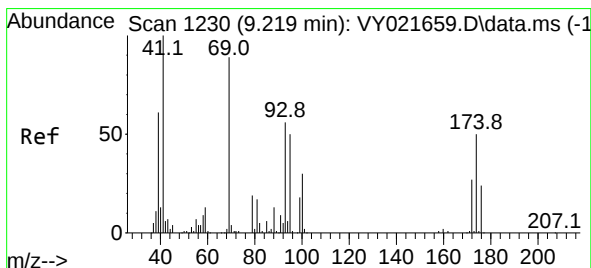
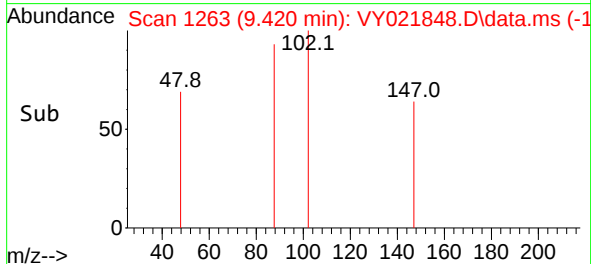
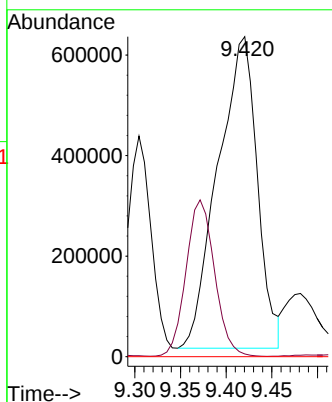
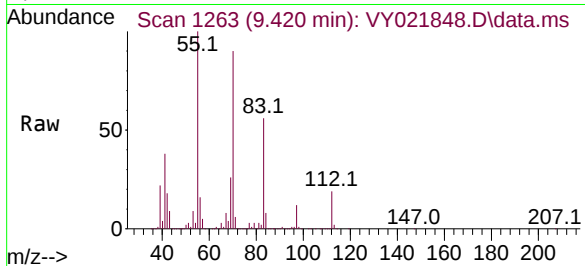




#47
Bromodichloromethane
Concen: 243.163 ug/l
RT: 9.420 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY021848.D
Acq: 10 Apr 2025 19:08

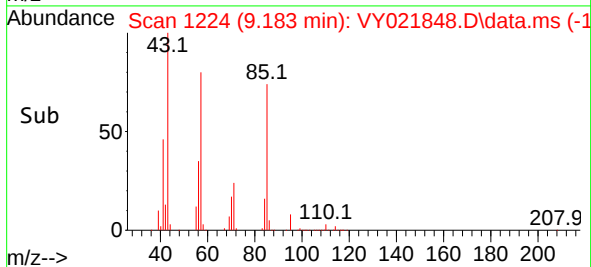
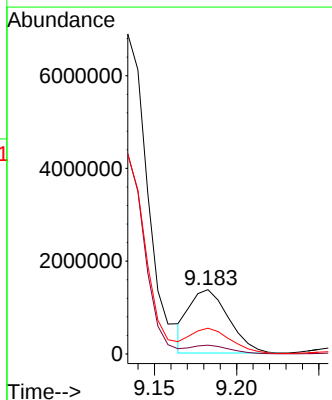
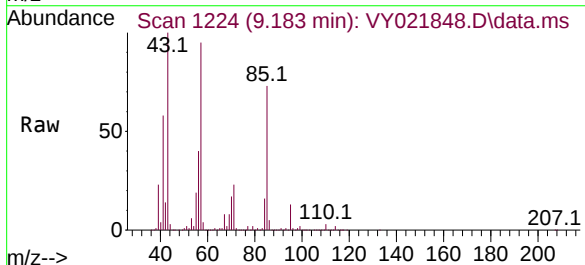
Instrument :
MSVOA_Y
ClientSampleId :
TP-15-VOC

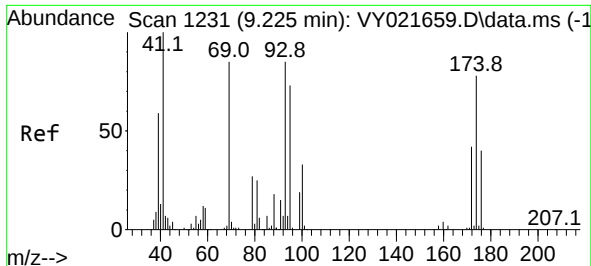
Tgt Ion: 83 Resp: 1854230
Ion Ratio Lower Upper
83 100
85 0.7 51.8 77.6#
127 0.0 6.8 10.2#



#48
Methyl methacrylate
Concen: 773.375 ug/l
RT: 9.183 min Scan# 1224
Delta R.T. -0.036 min
Lab File: VY021848.D
Acq: 10 Apr 2025 19:08

Tgt Ion: 41 Resp: 2286709
Ion Ratio Lower Upper
41 100
69 0.0 69.8 104.8#
39 41.0 47.2 70.8#

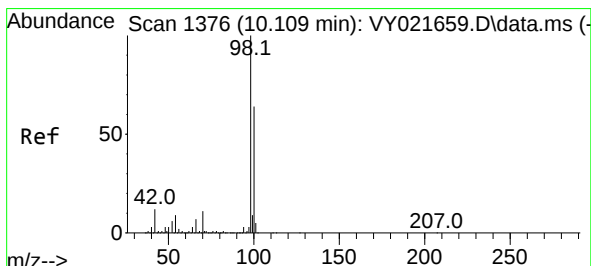
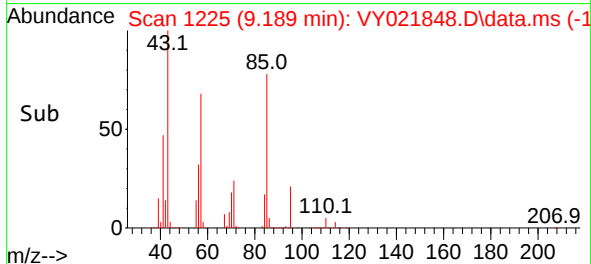
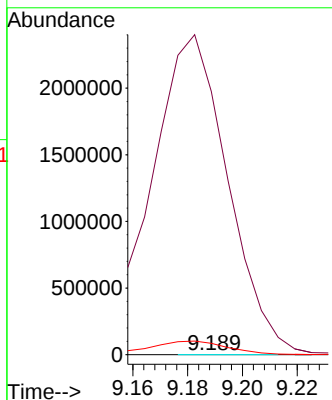
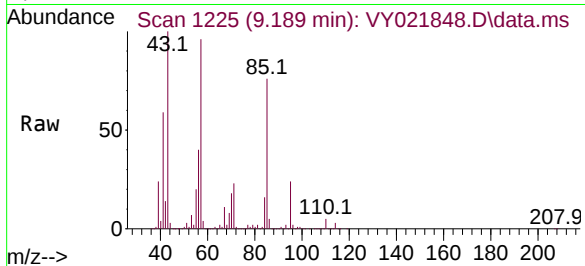




#49
1,4-Dioxane
Concen: 5.202 ug/l
RT: 9.189 min Scan# 11
Delta R.T. -0.036 min
Lab File: VY021848.D
Acq: 10 Apr 2025 19:08

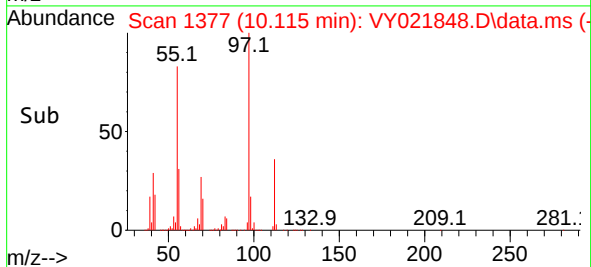
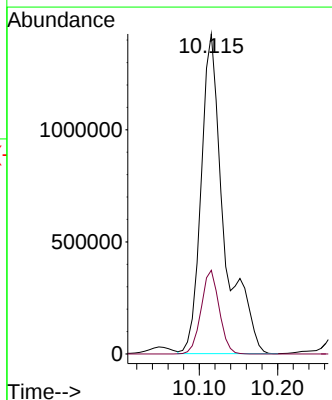
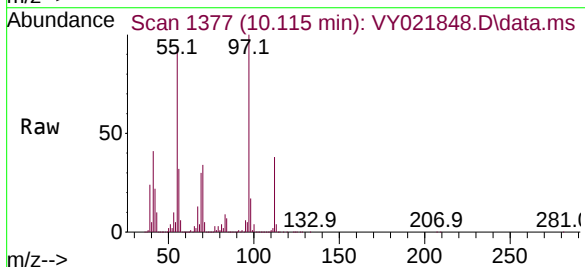
Instrument :
MSVOA_Y
ClientSampleId :
TP-15-VOC

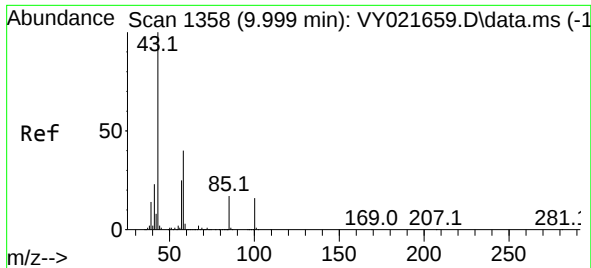
Tgt Ion: 88 Resp: 164
Ion Ratio Lower Upper
88 100
43 2619564.0 28.8 43.2#
58 113744.5 59.4 89.2#



#50
Toluene-d8
Concen: 161.247 ug/l
RT: 10.115 min Scan# 1377
Delta R.T. 0.006 min
Lab File: VY021848.D
Acq: 10 Apr 2025 19:08

Tgt Ion: 98 Resp: 2901048
Ion Ratio Lower Upper
98 100
100 20.5 52.1 78.1#

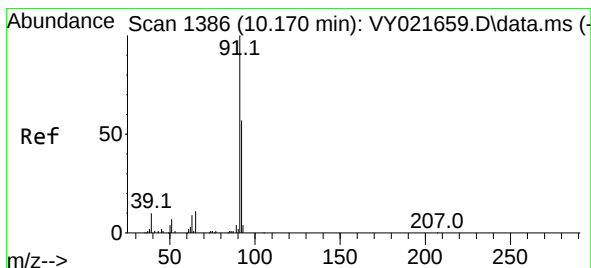
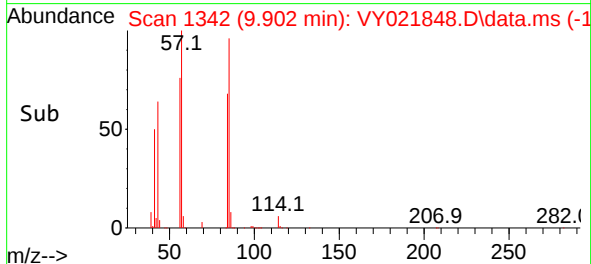
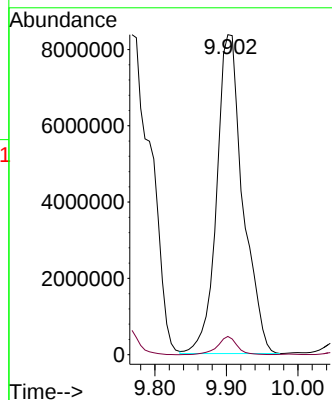
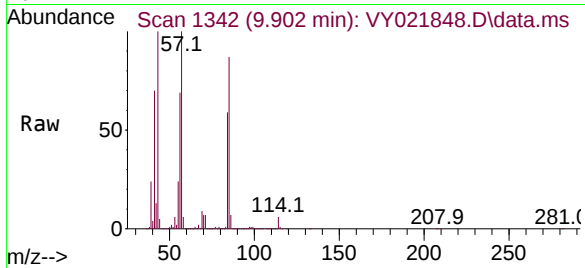




#51
4-Methyl-2-Pentanone
Concen: 6370.489 ug/l
RT: 9.902 min Scan# 11
Delta R.T. -0.097 min
Lab File: VY021848.D
Acq: 10 Apr 2025 19:08

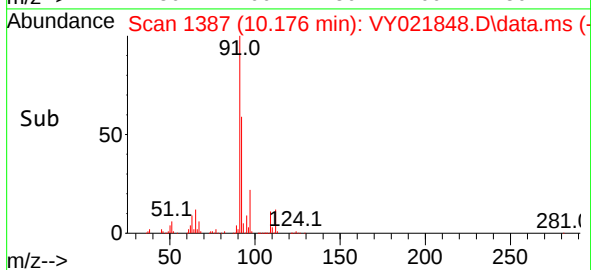
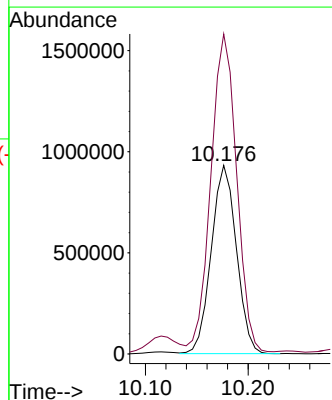
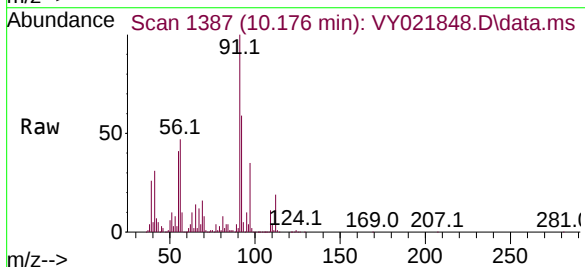
Instrument :
MSVOA_Y
ClientSampleId :
TP-15-VOC

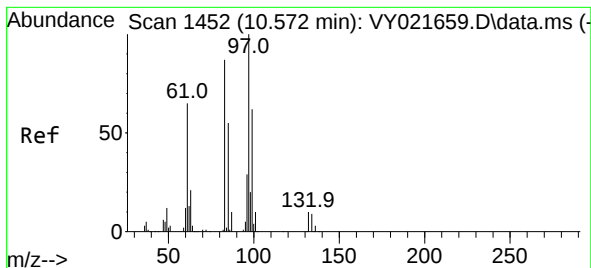
Tgt Ion: 43 Resp:21357771
Ion Ratio Lower Upper
43 100
58 4.2 31.5 47.3#



#52
Toluene
Concen: 117.233 ug/l
RT: 10.176 min Scan# 1387
Delta R.T. 0.006 min
Lab File: VY021848.D
Acq: 10 Apr 2025 19:08

Tgt Ion: 92 Resp: 1577846
Ion Ratio Lower Upper
92 100
91 172.7 138.6 207.8



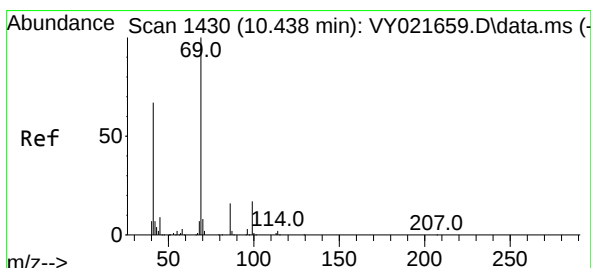
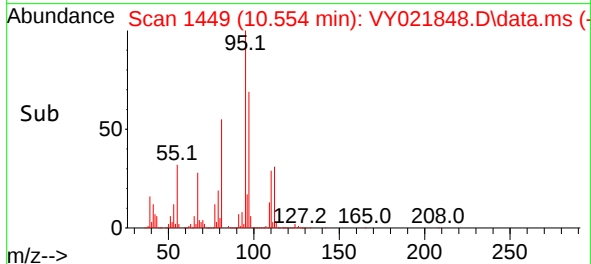
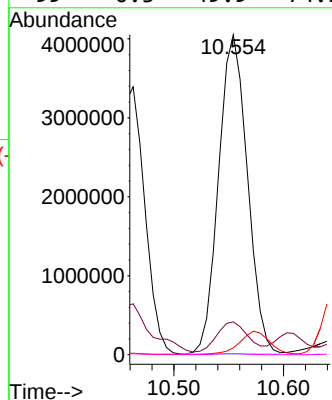
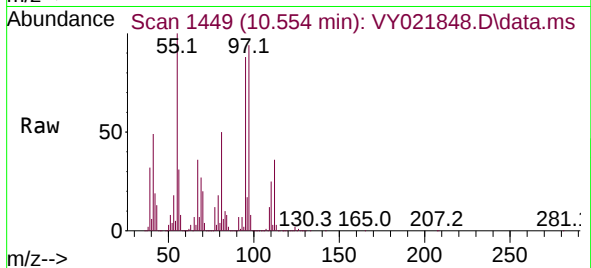


#55
1,1,2-Trichloroethane
Concen: 1944.752 ug/l
RT: 10.554 min Scan# 1449
Delta R.T. -0.018 min
Lab File: VY021848.D
Acq: 10 Apr 2025 19:08

Instrument :
MSVOA_Y
ClientSampleId :
TP-15-VOC

Tgt Ion: 97 Resp: 7365004

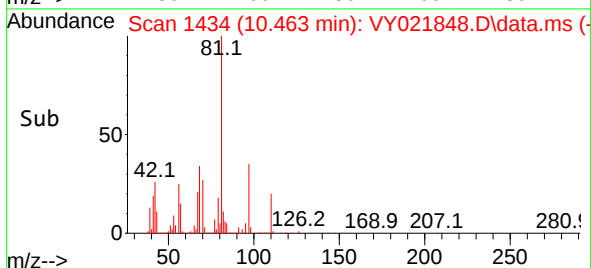
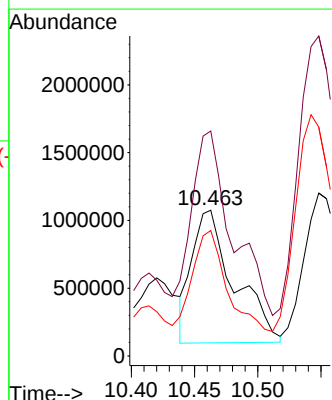
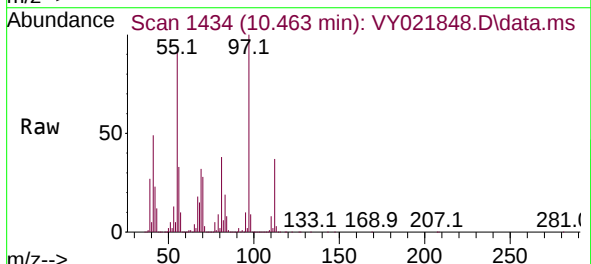
Ion	Ratio	Lower	Upper
97	100		
83	7.7	69.5	104.3#
85	2.1	43.9	65.9#
99	0.3	49.9	74.9#

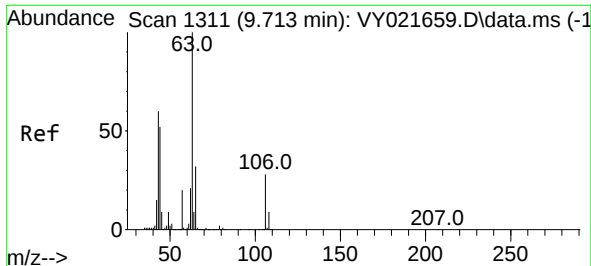


#56
Ethyl methacrylate
Concen: 472.326 ug/l
RT: 10.463 min Scan# 1434
Delta R.T. 0.025 min
Lab File: VY021848.D
Acq: 10 Apr 2025 19:08

Tgt Ion: 69 Resp: 2284037

Ion	Ratio	Lower	Upper
69	100		
41	160.3	53.8	80.6#
39	74.8	29.6	44.4#

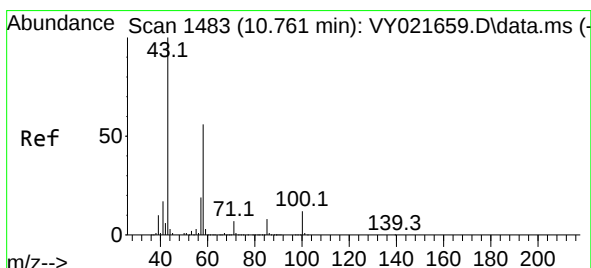
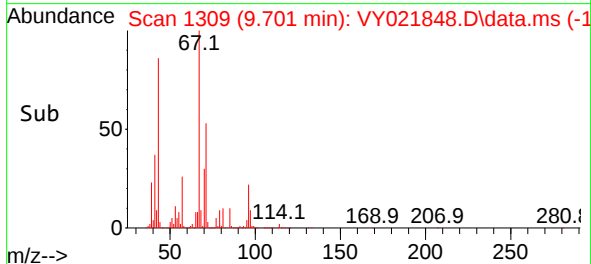
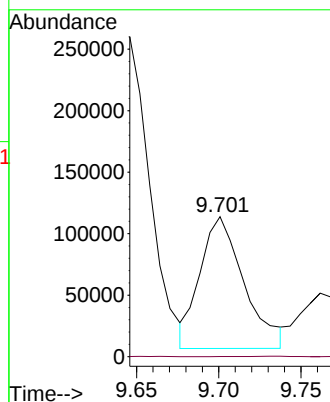
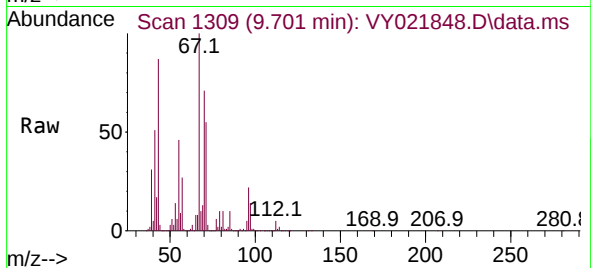




#58
2-Chloroethyl Vinyl ether
Concen: 84.692 ug/l
RT: 9.701 min Scan# 11
Delta R.T. -0.012 min
Lab File: VY021848.D
Acq: 10 Apr 2025 19:08

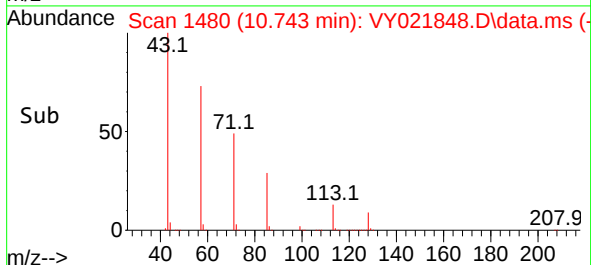
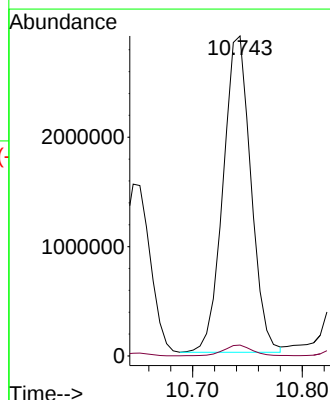
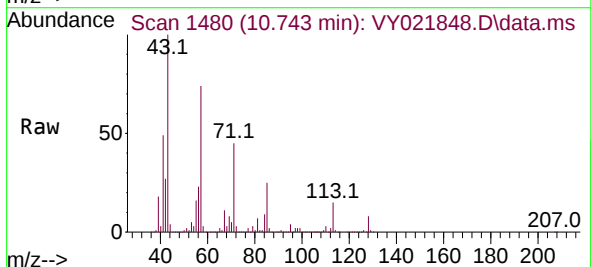
Instrument :
MSVOA_Y
ClientSampleId :
TP-15-VOC

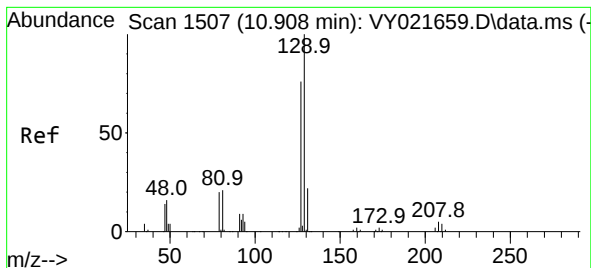
Tgt Ion: 63 Resp: 199791
Ion Ratio Lower Upper
63 100
106 0.0 22.4 33.6#



#59
2-Hexanone
Concen: 2283.817 ug/l
RT: 10.743 min Scan# 1480
Delta R.T. -0.018 min
Lab File: VY021848.D
Acq: 10 Apr 2025 19:08

Tgt Ion: 43 Resp: 5099275
Ion Ratio Lower Upper
43 100
58 3.5 27.2 81.5#





#60

Dibromochloromethane

Concen: 4.238 ug/l

RT: 10.841 min Scan# 14

Delta R.T. -0.067 min

Lab File: VY021848.D

Acq: 10 Apr 2025 19:08

Instrument :

MSVOA_Y

ClientSampleId :

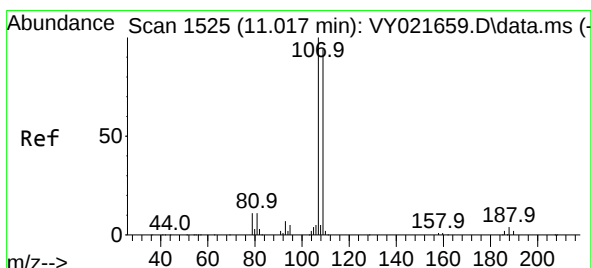
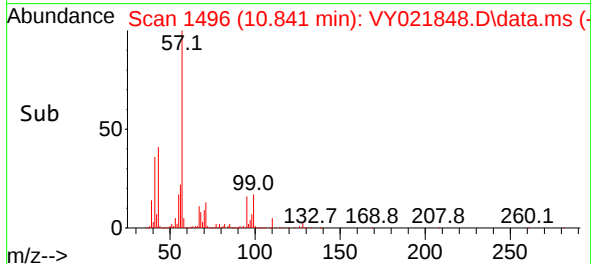
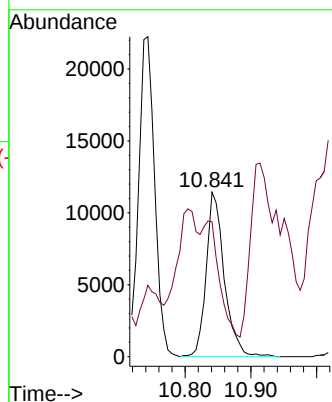
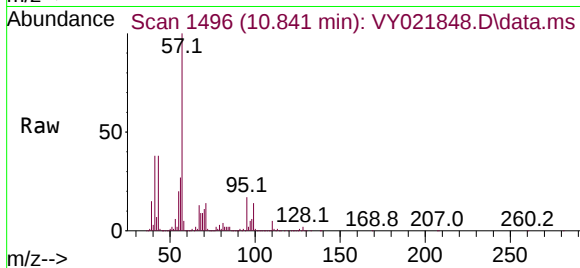
TP-15-VOC

Tgt Ion:129 Resp: 21911

Ion Ratio Lower Upper

129 100

127 0.0 38.6 115.7#



#61

1,2-Dibromoethane

Concen: 13.229 ug/l

RT: 10.999 min Scan# 1522

Delta R.T. -0.018 min

Lab File: VY021848.D

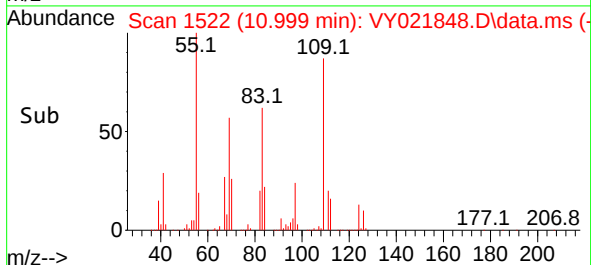
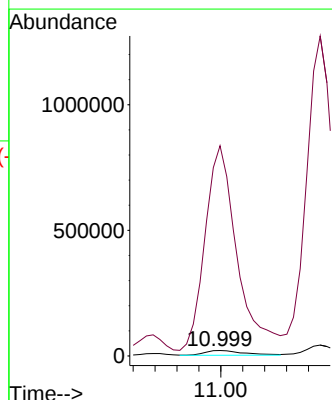
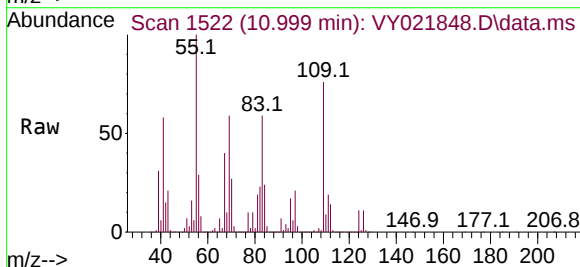
Acq: 10 Apr 2025 19:08

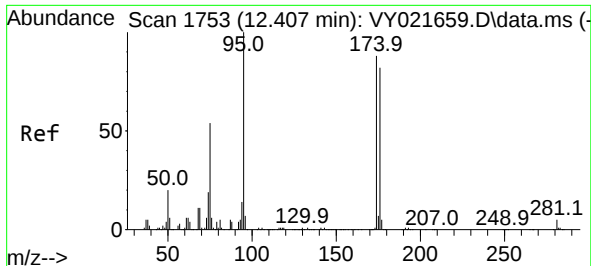
Tgt Ion:107 Resp: 46997

Ion Ratio Lower Upper

107 100

109 3517.6 74.4 111.6#

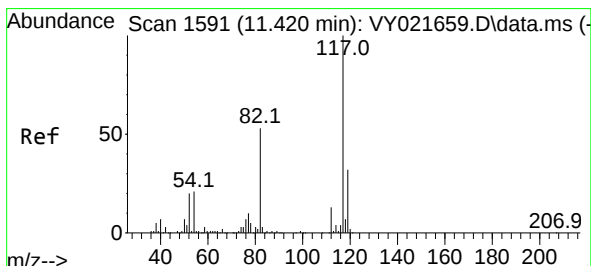
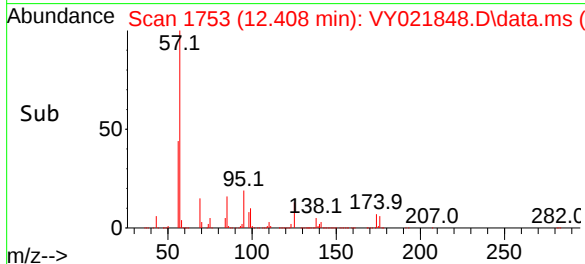
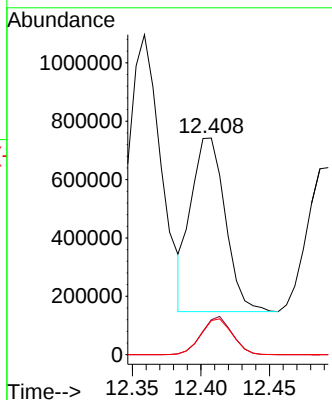
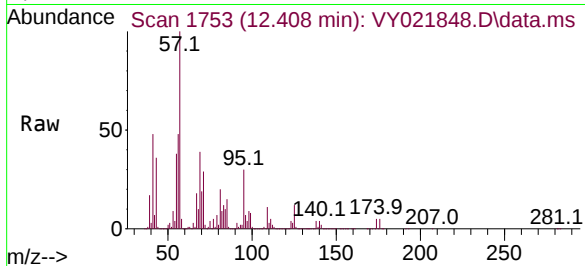




#62
4-Bromofluorobenzene
Concen: 170.012 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY021848.D
Acq: 10 Apr 2025 19:08

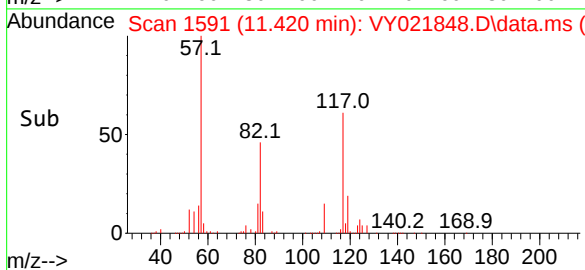
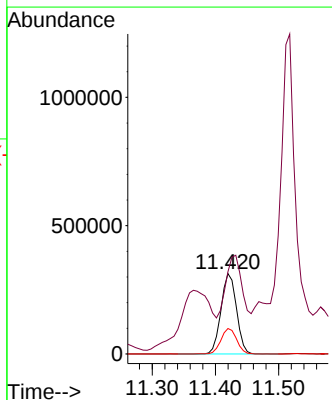
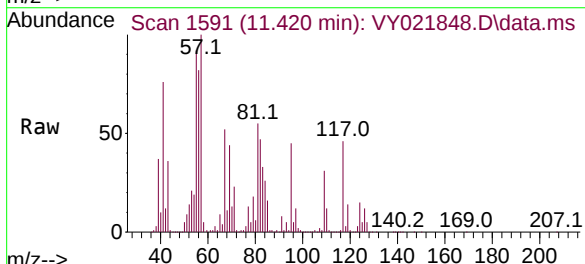
Instrument :
MSVOA_Y
ClientSampleId :
TP-15-VOC

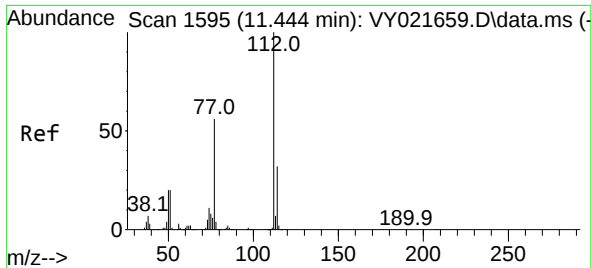
Tgt Ion: 95 Resp: 1034610
Ion Ratio Lower Upper
95 100
174 19.7 0.0 170.8
176 19.1 0.0 162.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 1591
Delta R.T. 0.000 min
Lab File: VY021848.D
Acq: 10 Apr 2025 19:08

Tgt Ion: 117 Resp: 529641
Ion Ratio Lower Upper
117 100
82 71.8 42.8 64.2#
119 31.6 25.7 38.5

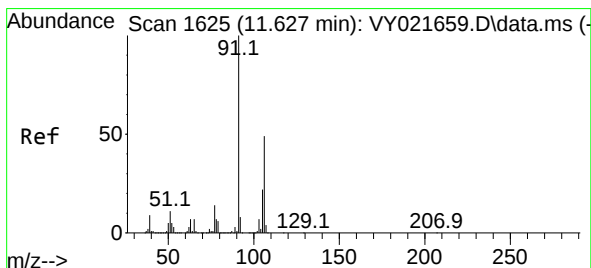
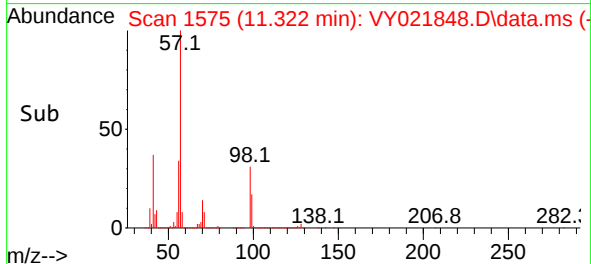
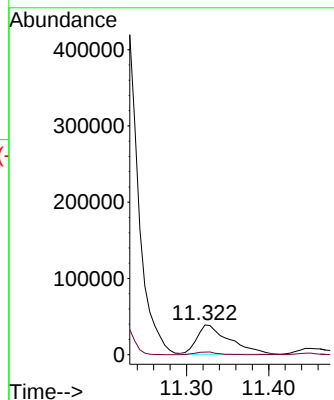
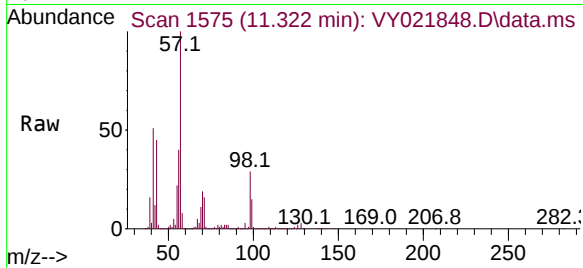




#65
Chlorobenzene
Concen: 8.716 ug/l
RT: 11.322 min Scan# 11
Delta R.T. -0.122 min
Lab File: VY021848.D
Acq: 10 Apr 2025 19:08

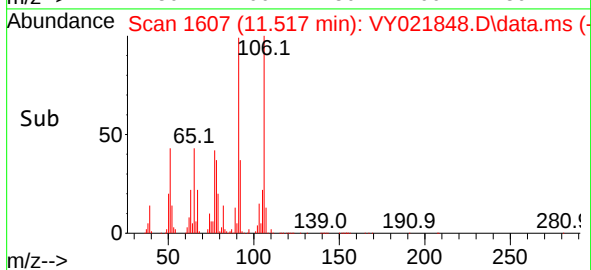
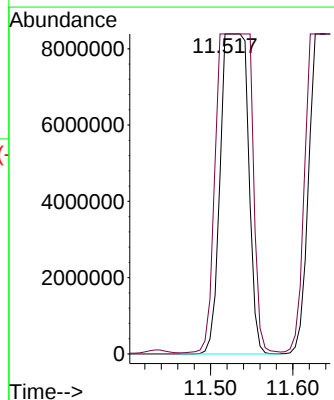
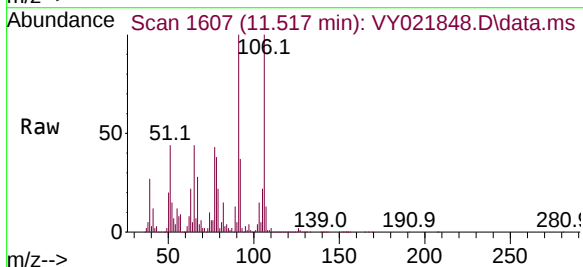
Instrument :
MSVOA_Y
ClientSampleId :
TP-15-VOC

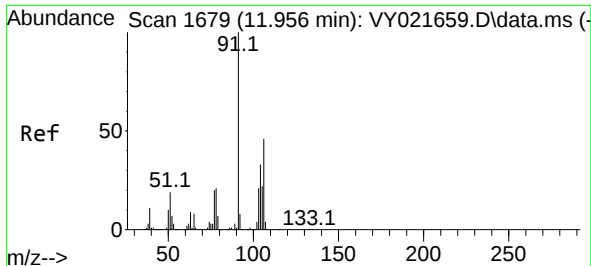
Tgt Ion:112 Resp: 105820
Ion Ratio Lower Upper
112 100
114 8.4 25.9 38.9#



#68
m/p-Xylenes
Concen: 2463.726 ug/l
RT: 11.517 min Scan# 1607
Delta R.T. -0.110 min
Lab File: VY021848.D
Acq: 10 Apr 2025 19:08

Tgt Ion:106 Resp:19641581
Ion Ratio Lower Upper
106 100
91 0.0 162.4 243.6#

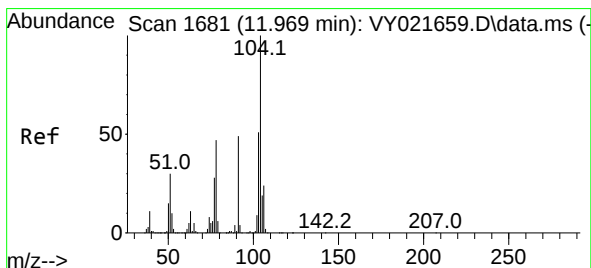
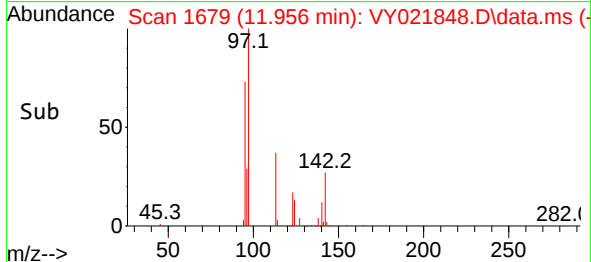
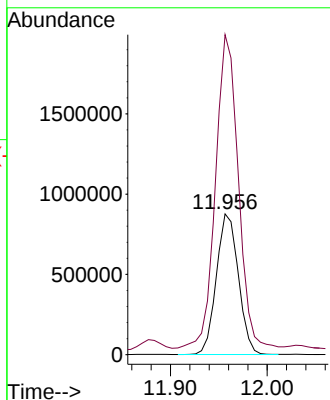
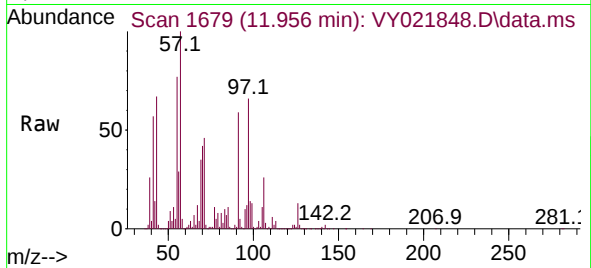




#69
o-Xylene
Concen: 187.599 ug/l
RT: 11.956 min Scan# 1679
Delta R.T. 0.000 min
Lab File: VY021848.D
Acq: 10 Apr 2025 19:08

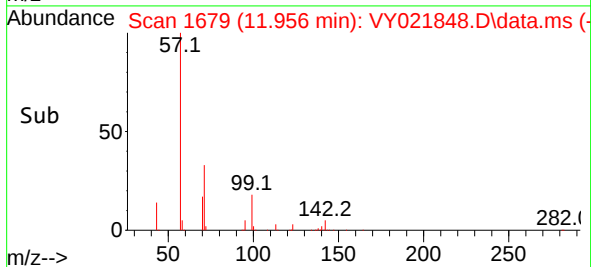
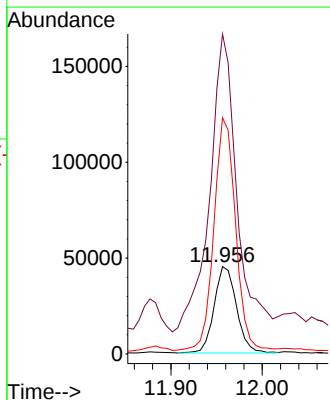
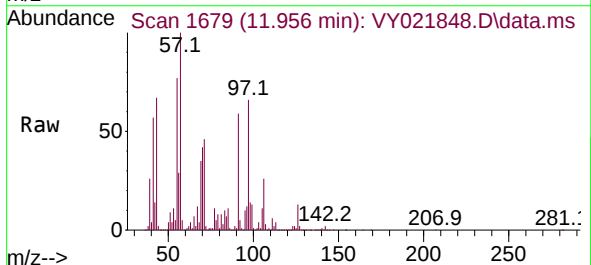
Instrument :
MSVOA_Y
ClientSampleId :
TP-15-VOC

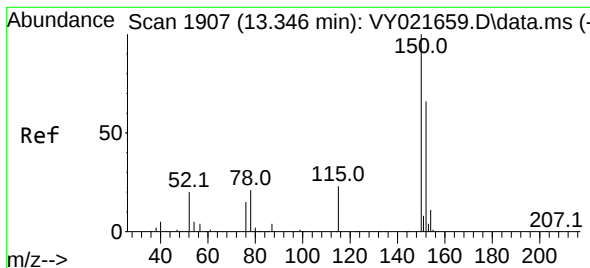
Tgt Ion:106 Resp: 1380556
Ion Ratio Lower Upper
106 100
91 230.5 106.7 319.9



#70
Styrene
Concen: 6.249 ug/l
RT: 11.956 min Scan# 1679
Delta R.T. -0.012 min
Lab File: VY021848.D
Acq: 10 Apr 2025 19:08

Tgt Ion:104 Resp: 76671
Ion Ratio Lower Upper
104 100
78 416.7 40.8 61.2#
103 260.8 44.2 66.2#

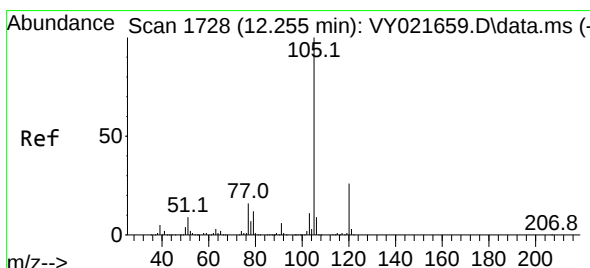
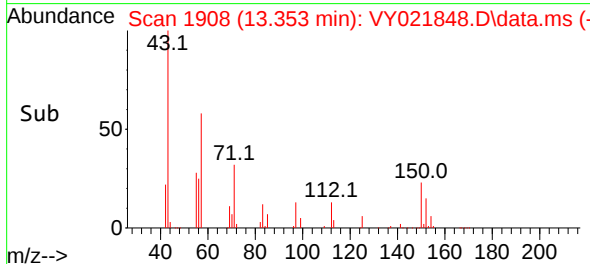
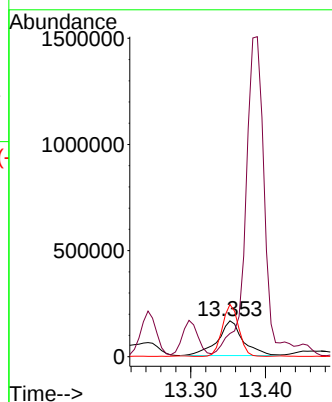
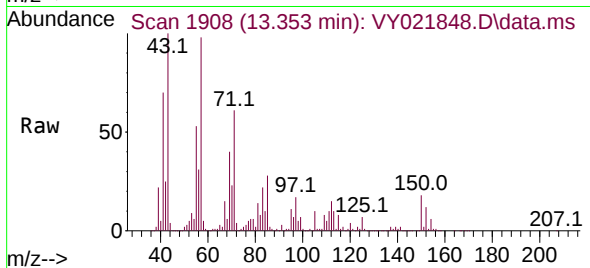




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.353 min Scan# 1908
Delta R.T. 0.006 min
Lab File: VY021848.D
Acq: 10 Apr 2025 19:08

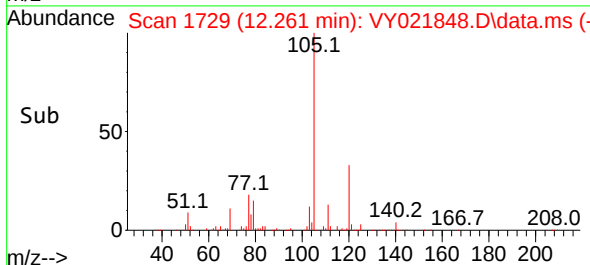
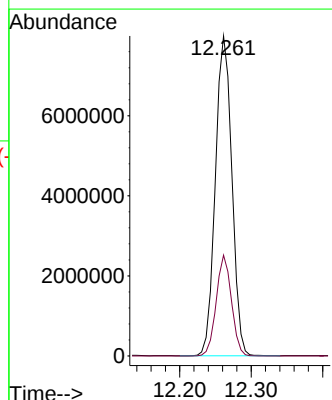
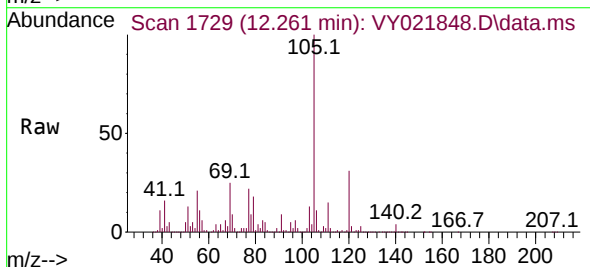
Instrument :
MSVOA_Y
ClientSampleId :
TP-15-VOC

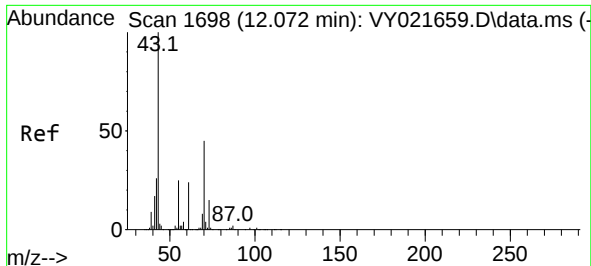
Tgt Ion:152 Resp: 385775
Ion Ratio Lower Upper
152 100
115 0.0 28.8 86.5#
150 97.7 0.0 348.4



#73
Isopropylbenzene
Concen: 446.695 ug/l
RT: 12.261 min Scan# 1729
Delta R.T. 0.006 min
Lab File: VY021848.D
Acq: 10 Apr 2025 19:08

Tgt Ion:105 Resp:12799153
Ion Ratio Lower Upper
105 100
120 29.0 13.2 39.5

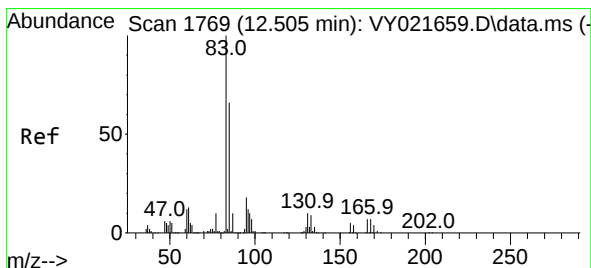
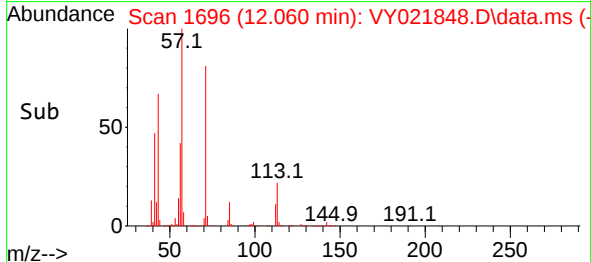
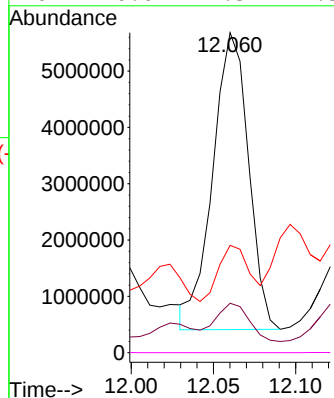
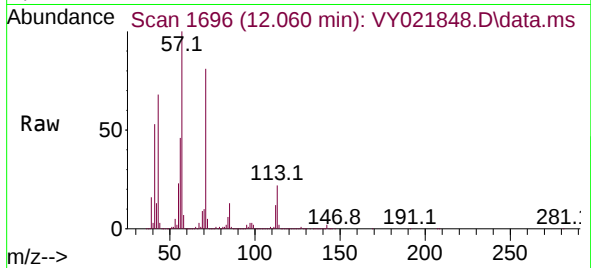




#74
N-amy1 acetate
Concen: 1185.286 ug/l
RT: 12.060 min Scan# 1696
Delta R.T. -0.012 min
Lab File: VY021848.D
Acq: 10 Apr 2025 19:08

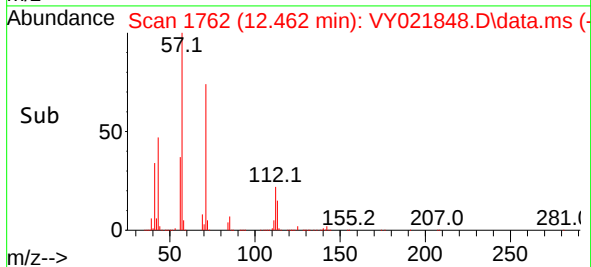
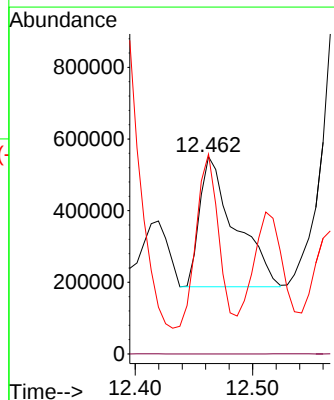
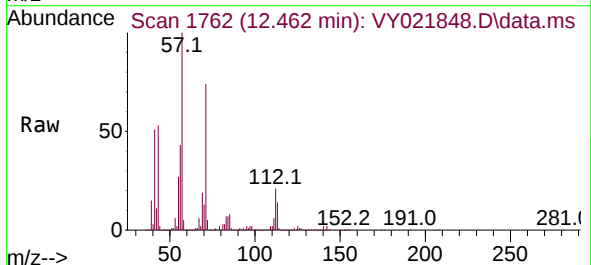
Instrument :
MSVOA_Y
ClientSampleId :
TP-15-VOC

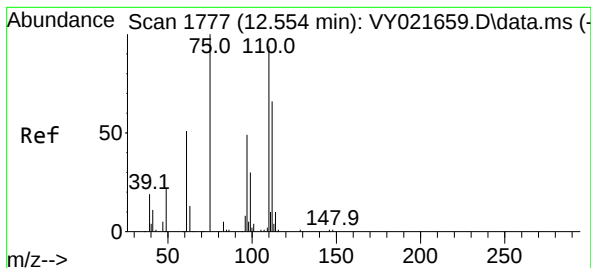
Tgt Ion: 43 Resp: 7970545
Ion Ratio Lower Upper
43 100
70 11.8 34.7 52.1#
55 16.1 21.2 31.8#
61 0.0 19.5 29.3#



#75
1,1,2,2-Tetrachloroethane
Concen: 148.246 ug/l
RT: 12.462 min Scan# 1762
Delta R.T. -0.043 min
Lab File: VY021848.D
Acq: 10 Apr 2025 19:08

Tgt Ion: 83 Resp: 763690
Ion Ratio Lower Upper
83 100
131 0.0 5.1 15.3#
85 84.0 32.3 96.8





#76

1,2,3-Trichloropropane

Concen: 119.500 ug/l

RT: 12.603 min Scan# 1785

Delta R.T. 0.049 min

Lab File: VY021848.D

Acq: 10 Apr 2025 19:08

Instrument :

MSVOA_Y

ClientSampleId :

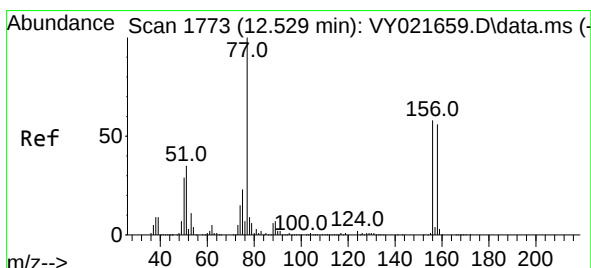
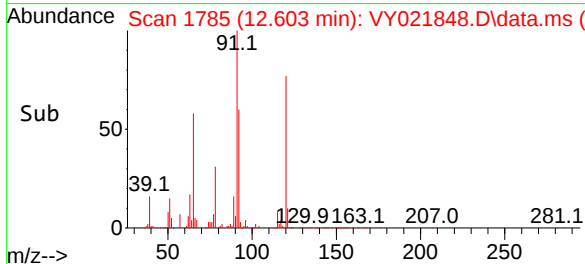
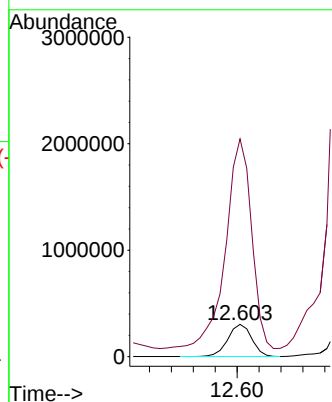
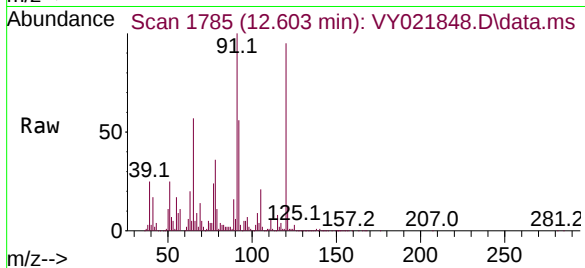
TP-15-VOC

Tgt Ion: 75 Resp: 456969

Ion Ratio Lower Upper

75 100

77 708.3 0.0 0.0#



#77

Bromobenzene

Concen: 1.815 ug/l

RT: 12.523 min Scan# 1772

Delta R.T. -0.006 min

Lab File: VY021848.D

Acq: 10 Apr 2025 19:08

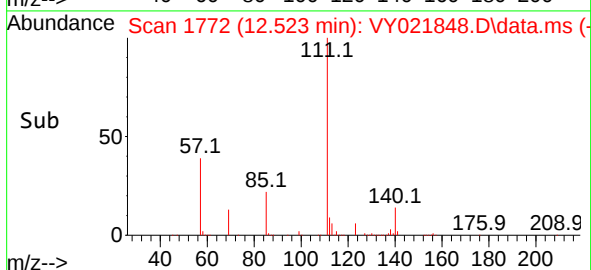
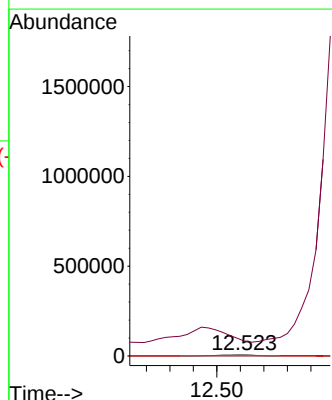
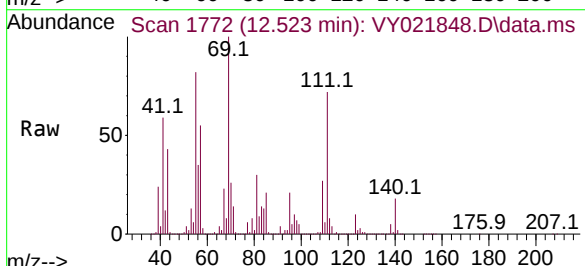
Tgt Ion: 156 Resp: 12485

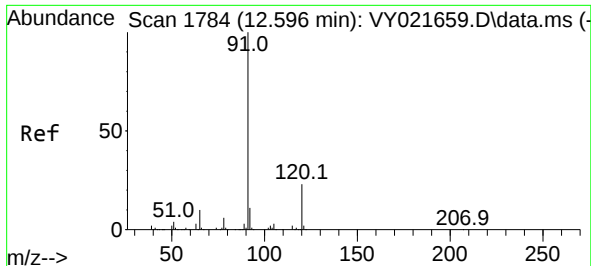
Ion Ratio Lower Upper

156 100

77 0.0 92.8 278.3#

158 0.0 48.5 145.6#

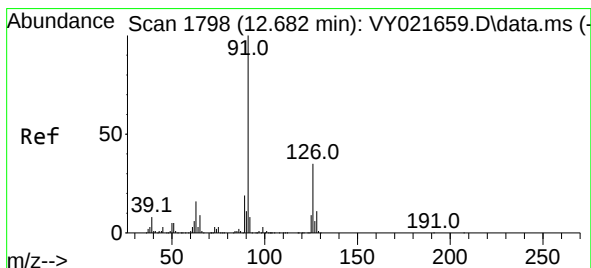
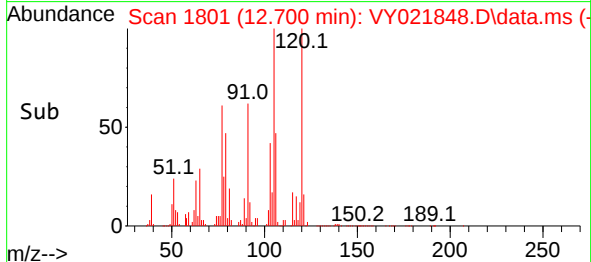
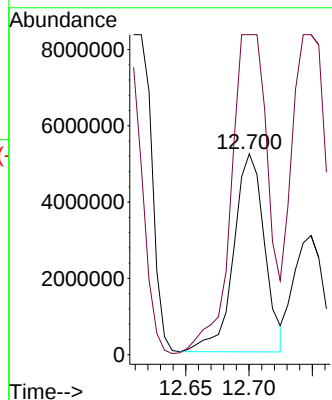
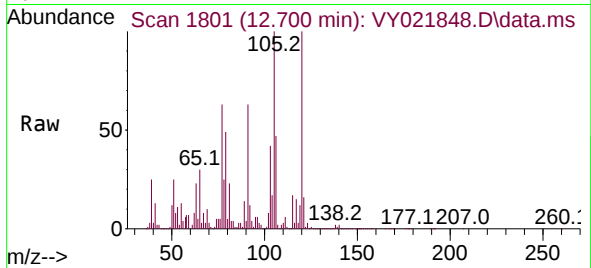




#78
n-propylbenzene
Concen: 256.460 ug/l
RT: 12.700 min Scan# 1801
Delta R.T. 0.104 min
Lab File: VY021848.D
Acq: 10 Apr 2025 19:08

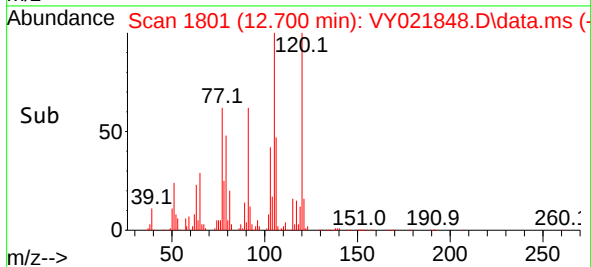
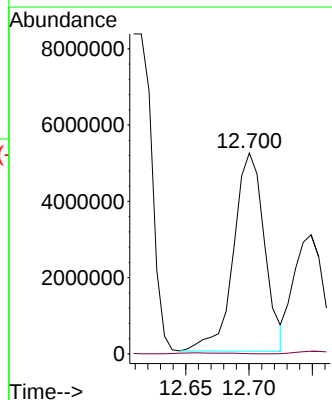
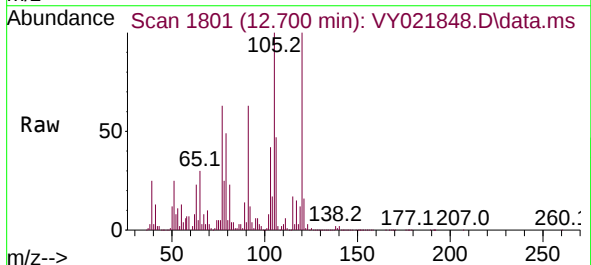
Instrument :
MSVOA_Y
ClientSampleId :
TP-15-VOC

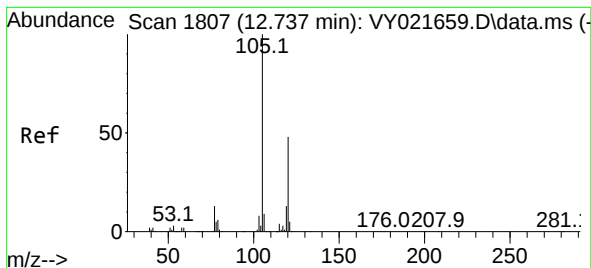
Tgt Ion: 91 Resp: 8834471
Ion Ratio Lower Upper
91 100
120 195.8 11.3 33.9#



#79
2-Chlorotoluene
Concen: 441.550 ug/l
RT: 12.700 min Scan# 1801
Delta R.T. 0.018 min
Lab File: VY021848.D
Acq: 10 Apr 2025 19:08

Tgt Ion: 91 Resp: 8834471
Ion Ratio Lower Upper
91 100
126 0.0 17.3 52.0#

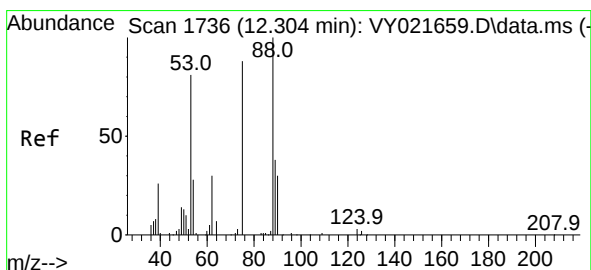
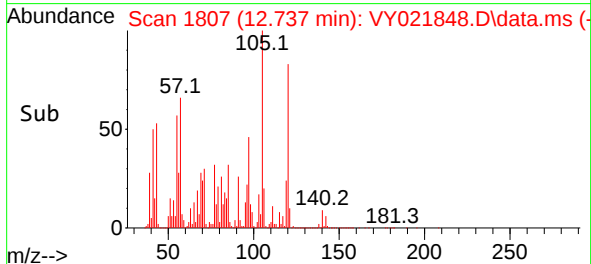
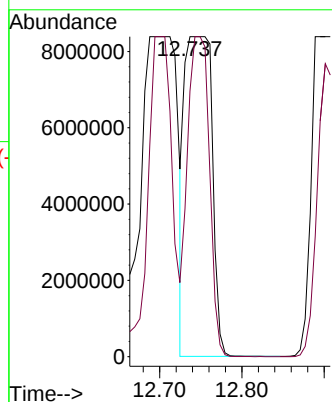
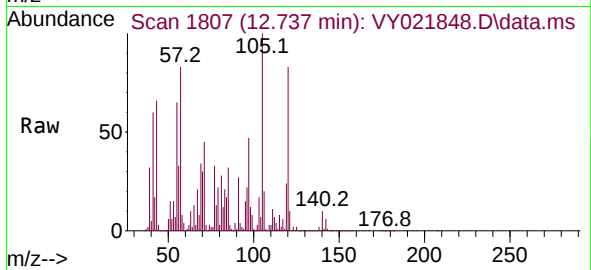




#80
1,3,5-Trimethylbenzene
Concen: 827.135 ug/l
RT: 12.737 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY021848.D
Acq: 10 Apr 2025 19:08

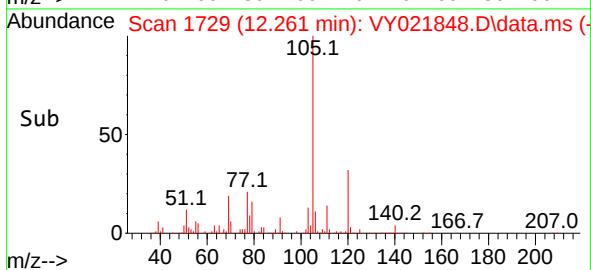
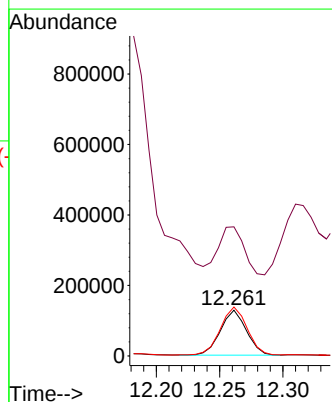
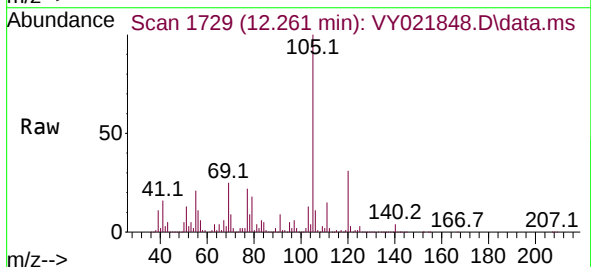
Instrument :
MSVOA_Y
ClientSampleId :
TP-15-VOC

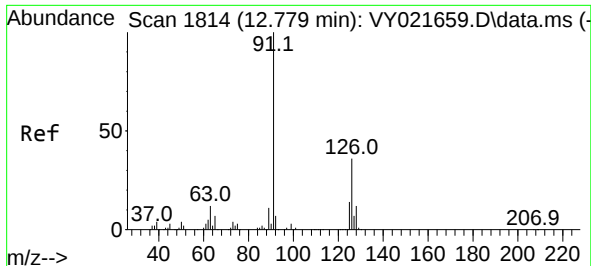
Tgt Ion:105 Resp:19369708
Ion Ratio Lower Upper
105 100
120 80.0 24.5 73.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 109.811 ug/l
RT: 12.261 min Scan# 1729
Delta R.T. -0.043 min
Lab File: VY021848.D
Acq: 10 Apr 2025 19:08

Tgt Ion: 75 Resp: 182243
Ion Ratio Lower Upper
75 100
53 186.7 76.1 114.1#
89 109.6 36.2 54.4#

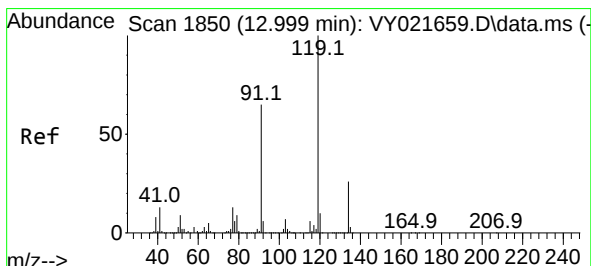
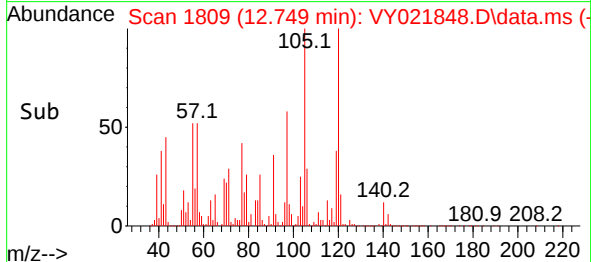
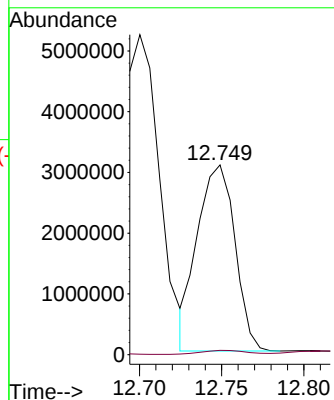
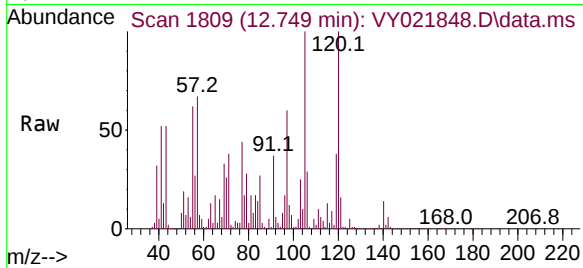




#82
4-Chlorotoluene
Concen: 233.905 ug/l
RT: 12.749 min Scan# 1809
Delta R.T. -0.030 min
Lab File: VY021848.D
Acq: 10 Apr 2025 19:08

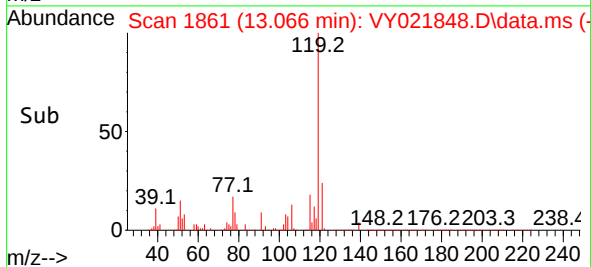
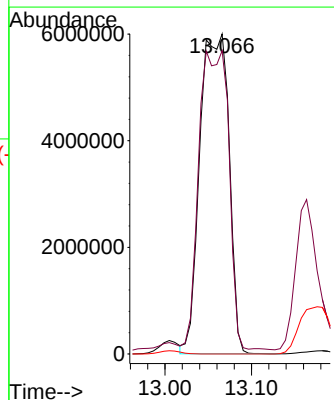
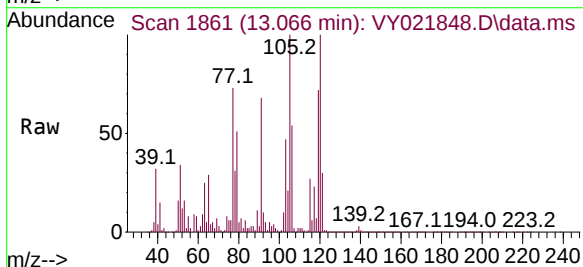
Instrument :
MSVOA_Y
ClientSampleId :
TP-15-VOC

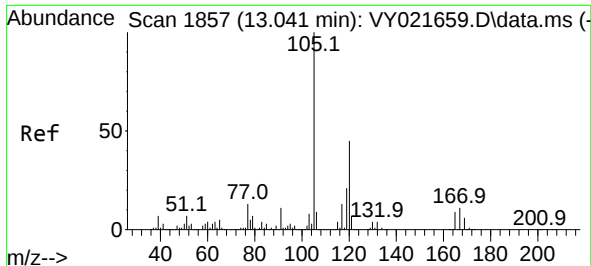
Tgt Ion: 91 Resp: 4879046
Ion Ratio Lower Upper
91 100
126 2.5 17.0 50.9#



#83
tert-Butylbenzene
Concen: 668.931 ug/l
RT: 13.066 min Scan# 1861
Delta R.T. 0.067 min
Lab File: VY021848.D
Acq: 10 Apr 2025 19:08

Tgt Ion: 119 Resp: 13952667
Ion Ratio Lower Upper
119 100
91 96.5 32.6 97.7
134 0.0 13.2 39.6#

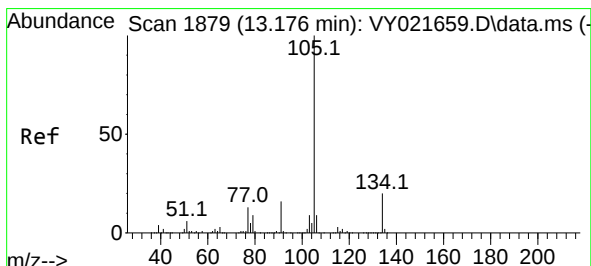
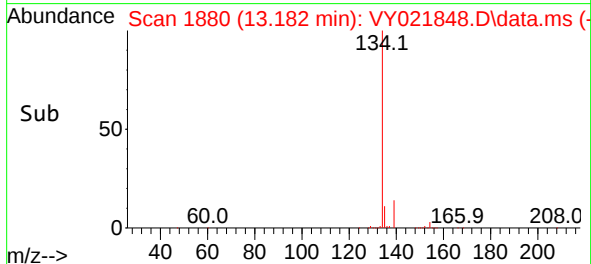
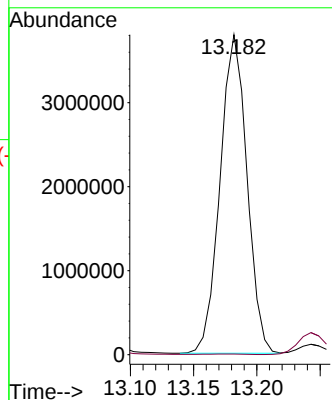
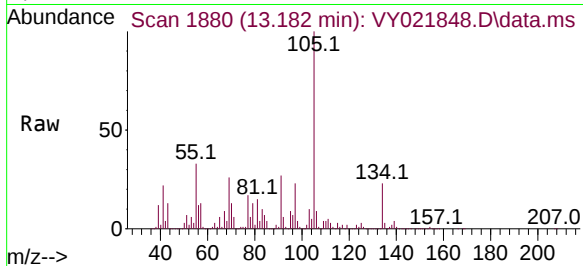




#84
1,2,4-Trimethylbenzene
Concen: 242.084 ug/l
RT: 13.182 min Scan# 1880
Delta R.T. 0.140 min
Lab File: VY021848.D
Acq: 10 Apr 2025 19:08

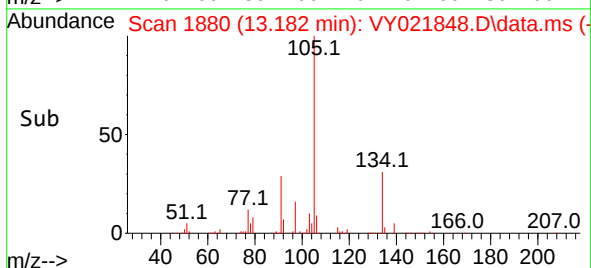
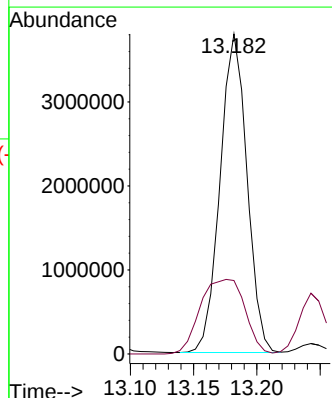
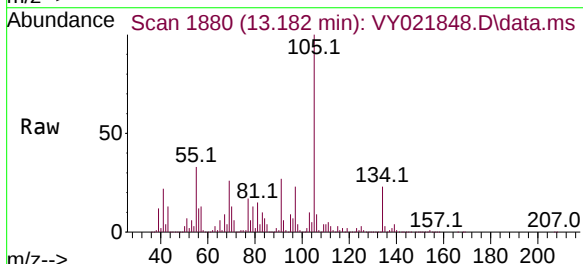
Instrument :
MSVOA_Y
ClientSampleId :
TP-15-VOC

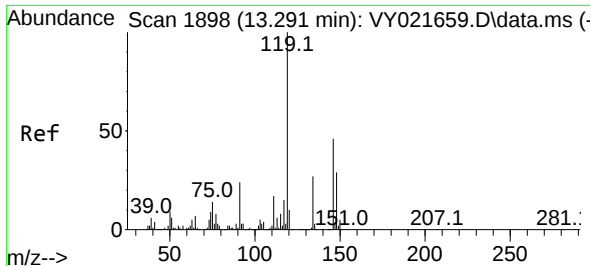
Tgt Ion:105 Resp: 5603075
Ion Ratio Lower Upper
105 100
120 0.0 22.7 68.1#



#85
sec-Butylbenzene
Concen: 183.815 ug/l
RT: 13.182 min Scan# 1880
Delta R.T. 0.006 min
Lab File: VY021848.D
Acq: 10 Apr 2025 19:08

Tgt Ion:105 Resp: 5603075
Ion Ratio Lower Upper
105 100
134 38.8 10.1 30.1#

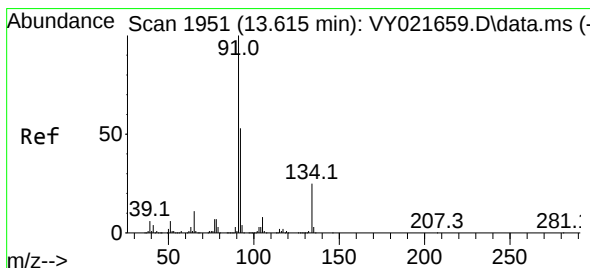
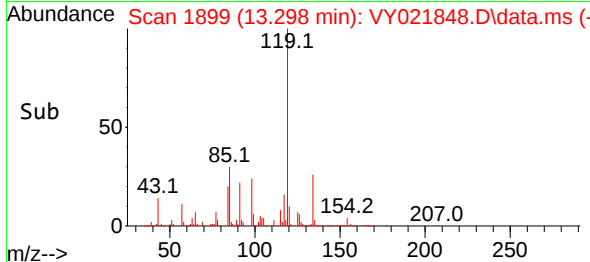
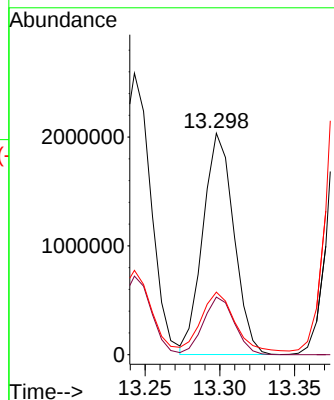
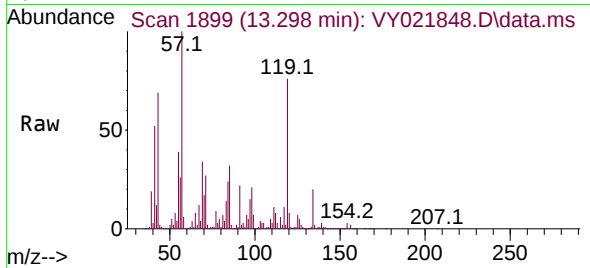




#86
p-Isopropyltoluene
Concen: 116.562 ug/l
RT: 13.298 min Scan# 119
Delta R.T. 0.006 min
Lab File: VY021848.D
Acq: 10 Apr 2025 19:08

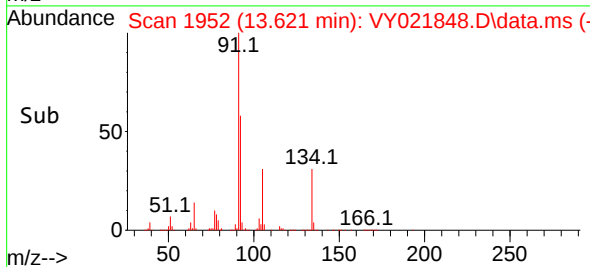
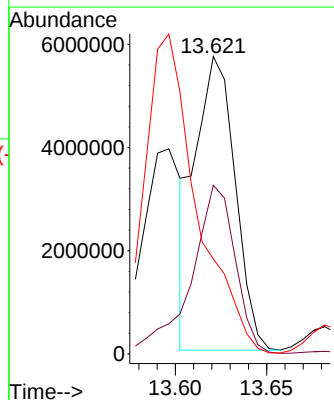
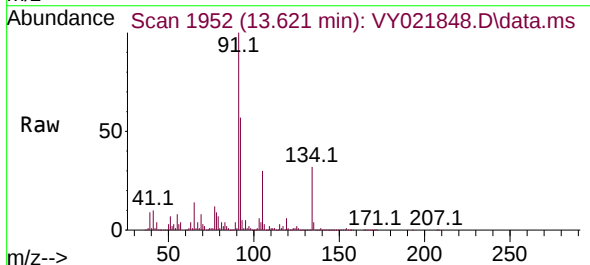
Instrument :
MSVOA_Y
ClientSampleId :
TP-15-VOC

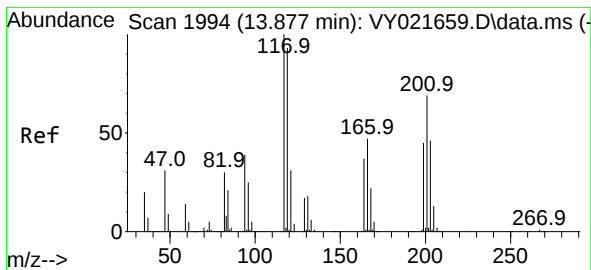
Tgt Ion:119 Resp: 2936615
Ion Ratio Lower Upper
119 100
134 26.0 13.2 39.5
91 27.6 12.0 36.0



#89
n-Butylbenzene
Concen: 370.248 ug/l
RT: 13.621 min Scan# 1952
Delta R.T. 0.006 min
Lab File: VY021848.D
Acq: 10 Apr 2025 19:08

Tgt Ion: 91 Resp: 8626565
Ion Ratio Lower Upper
91 100
92 63.2 26.4 79.2
134 0.0 12.8 38.4#





#90

Hexachloroethane

Concen: 649.343 ug/l

RT: 13.901 min Scan# 1998

Delta R.T. 0.024 min

Lab File: VY021848.D

Acq: 10 Apr 2025 19:08

Instrument :

MSVOA_Y

ClientSampleId :

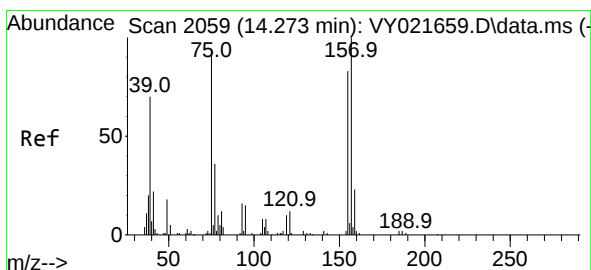
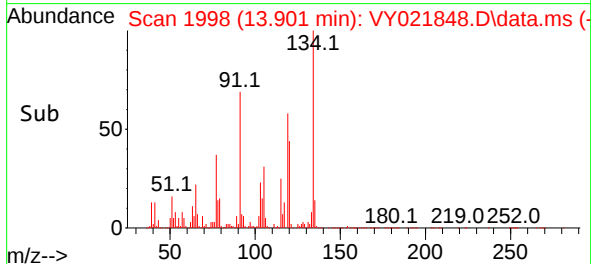
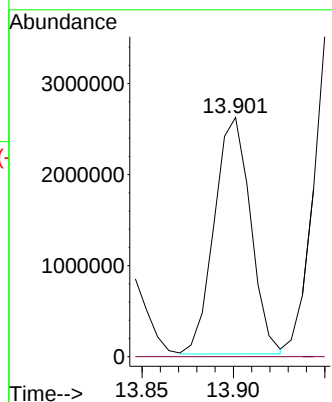
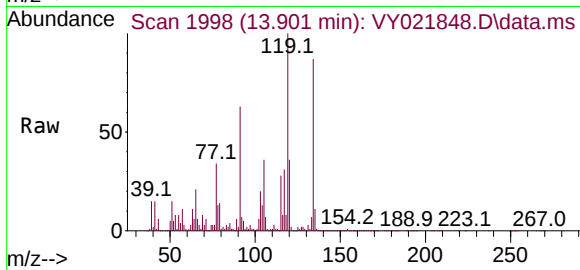
TP-15-VOC

Tgt Ion:117 Resp: 3584936

Ion Ratio Lower Upper

117 100

201 0.0 37.4 112.1#



#92

1,2-Dibromo-3-Chloropropane

Concen: 175.570 ug/l

RT: 14.261 min Scan# 2057

Delta R.T. -0.012 min

Lab File: VY021848.D

Acq: 10 Apr 2025 19:08

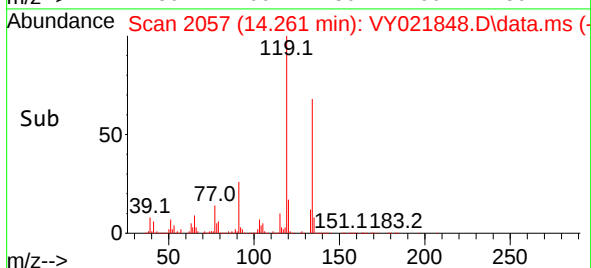
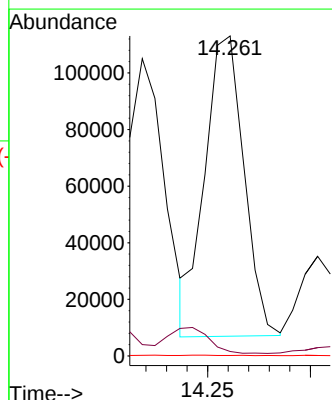
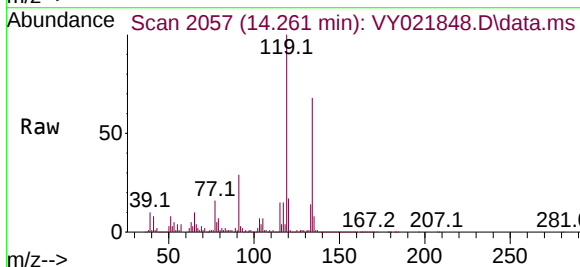
Tgt Ion: 75 Resp: 140181

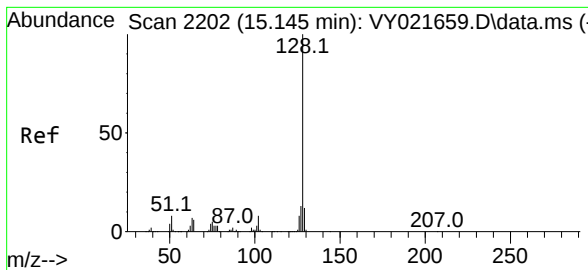
Ion Ratio Lower Upper

75 100

155 8.8 43.0 128.8#

157 0.2 54.0 162.0#





#95
Naphthalene
Concen: 1497.104 ug/l
RT: 15.145 min Scan# 21
Delta R.T. 0.000 min
Lab File: VY021848.D
Acq: 10 Apr 2025 19:08

Instrument :
MSVOA_Y
ClientSampleId :
TP-15-VOC

Tgt Ion:128 Resp:15877922
Ion Ratio Lower Upper
128 100
127 16.4 10.8 16.2#
129 14.2 8.8 13.2#

