

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052825\
 Data File : VY022447.D
 Acq On : 28 May 2025 13:28
 Operator : SY/MD
 Sample : Q2136-02
 Misc : 5.39g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OR-646-VOC-52

Quant Time: May 29 01:57:02 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052725S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 28 10:34:06 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	310837	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.615	114	560748	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	456181	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.352	152	163532	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	174323	53.243	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 106.480%	
35) Dibromofluoromethane	7.640	113	168273	51.242	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 102.480%	
50) Toluene-d8	10.109	98	680207	50.811	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 101.620%	
62) 4-Bromofluorobenzene	12.407	95	178040	43.967	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 87.940%	

Target Compounds					Qvalue	
13) Acrolein	3.622	56	8166	23.615	ug/l #	1
14) Allyl chloride	4.488	41	10848	2.214	ug/l #	61
15) Acrylonitrile	5.134	53	17297	24.891	ug/l #	41
16) Acetone	3.872	43	43611	81.060	ug/l #	76
18) Methyl Acetate	4.665	43	578895	287.243	ug/l #	48
25) 2-Butanone	6.902	43	6697	7.474	ug/l #	61
29) Tetrahydrofuran	7.286	42	631	1.056	ug/l #	31
31) Cyclohexane	7.695	56	215307	34.188	ug/l #	75
36) 1,1-Dichloropropene	7.713	75	27419	5.262	ug/l #	54
37) Ethyl Acetate	6.902	43	6697	3.024	ug/l #	69
38) Carbon Tetrachloride	7.713	117	31810	5.860	ug/l #	16
39) Methylcyclohexane	9.109	83	213412	30.809	ug/l	91
40) Benzene	8.085	78	64746	4.176	ug/l	97
41) Methacrylonitrile	7.274	41	5764	4.288	ug/l #	45
43) Isopropyl Acetate	8.195	43	44137	9.120	ug/l #	61
47) Bromodichloromethane	9.414	83	11991	2.291	ug/l #	26
48) Methyl methacrylate	9.249	41	11893	5.294	ug/l #	31
49) 1,4-Dioxane	9.060	88	37	1.646	ug/l #	1
51) 4-Methyl-2-Pentanone	10.042	43	14733	6.170	ug/l #	80
52) Toluene	10.176	92	36768	3.796	ug/l	98
55) 1,1,2-Trichloroethane	10.548	97	39010	15.161	ug/l #	19
56) Ethyl methacrylate	10.451	69	4524	1.225	ug/l #	1
59) 2-Hexanone	10.737	43	17495	11.180	ug/l #	33
67) Ethyl Benzene	11.523	91	1705928	94.452	ug/l	98
68) m/p-Xylenes	11.627	106	386986	56.513	ug/l	100
69) o-Xylene	11.956	106	25776	4.005	ug/l	98
73) Isopropylbenzene	12.255	105	200782	15.600	ug/l	98
74) N-amyl acetate	12.048	43	6193	1.966	ug/l #	61
76) 1,2,3-Trichloropropane	12.596	75	6674	4.074	ug/l #	100
78) n-propylbenzene	12.596	91	1055424	68.331	ug/l	100
79) 2-Chlorotoluene	12.596	91	1055424	126.231	ug/l #	40
80) 1,3,5-Trimethylbenzene	12.737	105	99948	9.939	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.407	75	102205	141.103	ug/l #	12
82) 4-Chlorotoluene	12.596	91	1055424	122.565	ug/l #	40
84) 1,2,4-Trimethylbenzene	13.048	105	322722	31.890	ug/l	100
85) sec-Butylbenzene	13.176	105	84987	6.307	ug/l #	56

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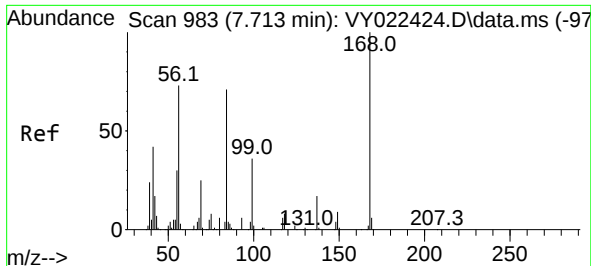
Quant Time: May 29 01:57:02 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052725S.M
Quant Title : SW846 8260
QLast Update : Wed May 28 10:34:06 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
86) p-Isopropyltoluene	13.243	119	17500	1.555	ug/l	99
89) n-Butylbenzene	13.621	91	276153	26.176	ug/l #	78
90) Hexachloroethane	13.895	117	88960	39.730	ug/l #	15
92) 1,2-Dibromo-3-Chloropr...	14.255	75	993	3.169	ug/l #	1
95) Naphthalene	15.145	128	199971	41.918	ug/l	98

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

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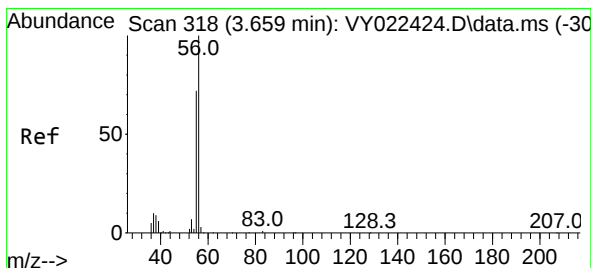
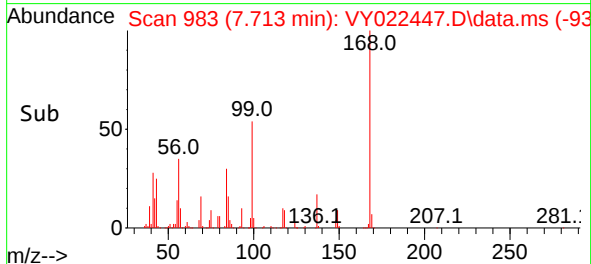
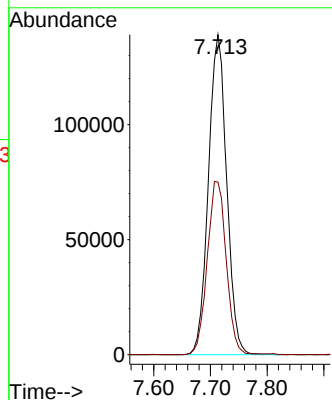
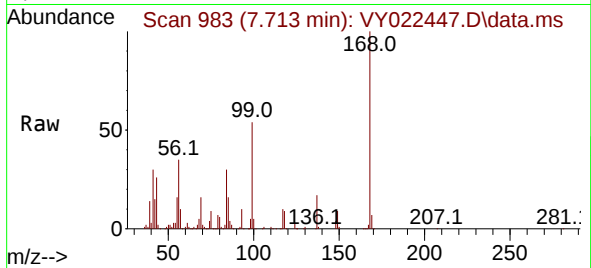




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY022447.D
Acq: 28 May 2025 13:28

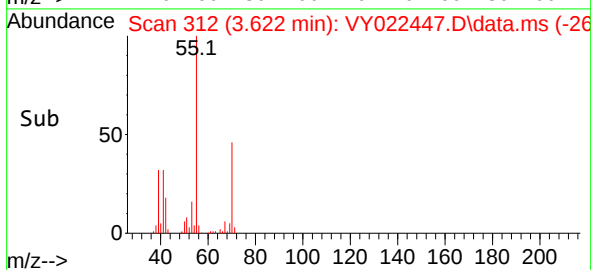
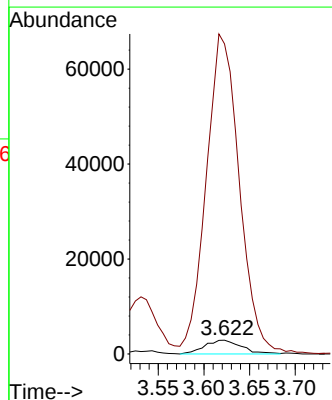
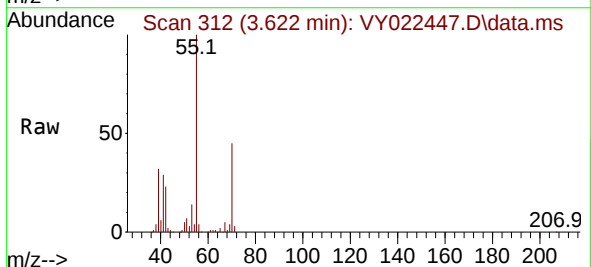
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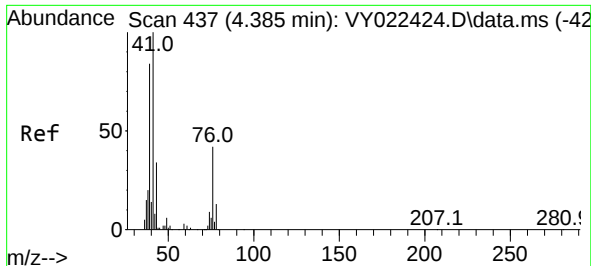
Tgt Ion:168 Resp: 310837
Ion Ratio Lower Upper
168 100
99 53.9 44.7 67.1



#13
Acrolein
Concen: 23.615 ug/l
RT: 3.622 min Scan# 312
Delta R.T. -0.037 min
Lab File: VY022447.D
Acq: 28 May 2025 13:28

Tgt Ion: 56 Resp: 8166
Ion Ratio Lower Upper
56 100
55 2072.8 56.5 84.7#

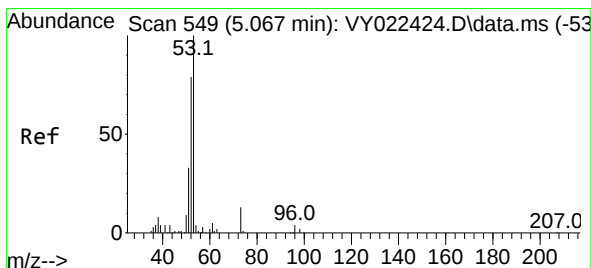
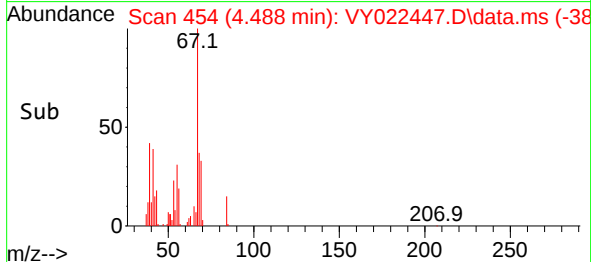
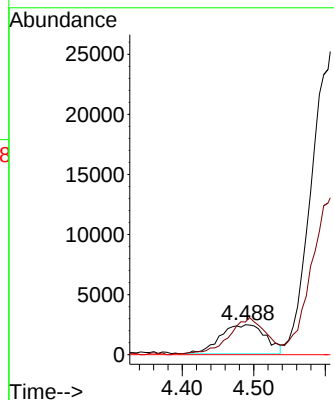
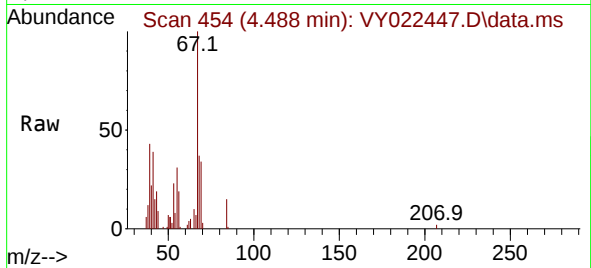




#14
 Allyl chloride
 Concen: 2.214 ug/l
 RT: 4.488 min Scan# 41
 Delta R.T. 0.104 min
 Lab File: VY022447.D
 Acq: 28 May 2025 13:28

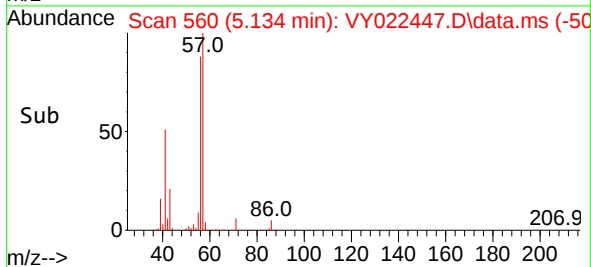
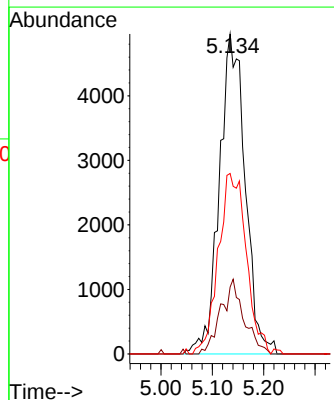
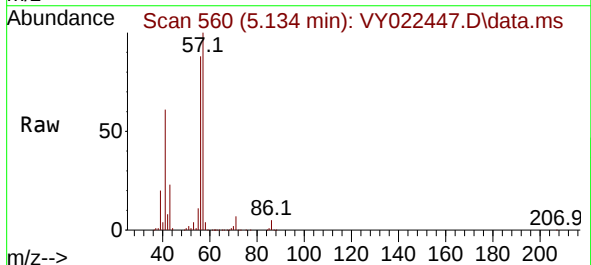
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 OR-646-VOC-52

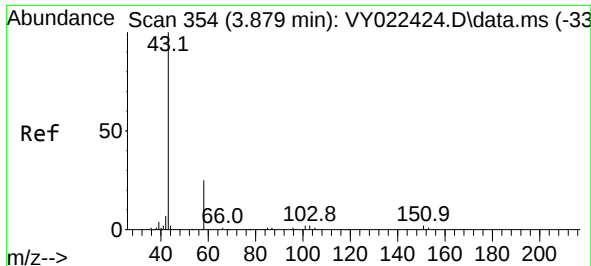
Tgt Ion: 41 Resp: 10848
 Ion Ratio Lower Upper
 41 100
 39 106.3 66.6 100.0#
 76 0.0 33.7 50.5#



#15
 Acrylonitrile
 Concen: 24.891 ug/l
 RT: 5.134 min Scan# 560
 Delta R.T. 0.067 min
 Lab File: VY022447.D
 Acq: 28 May 2025 13:28

Tgt Ion: 53 Resp: 17297
 Ion Ratio Lower Upper
 53 100
 52 21.0 65.1 97.7#
 51 60.8 30.0 45.0#

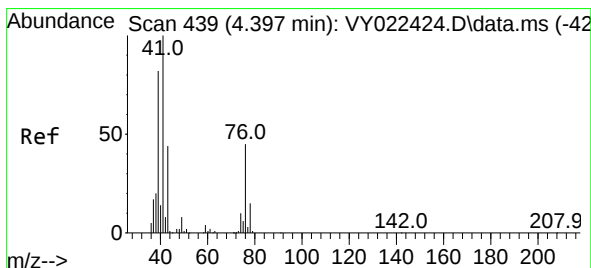
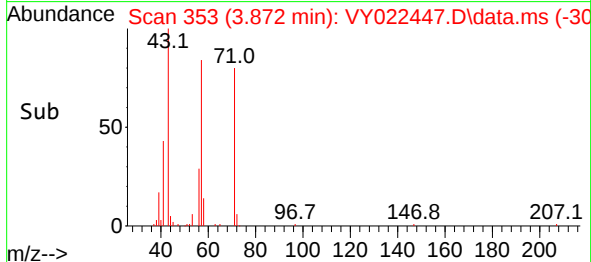
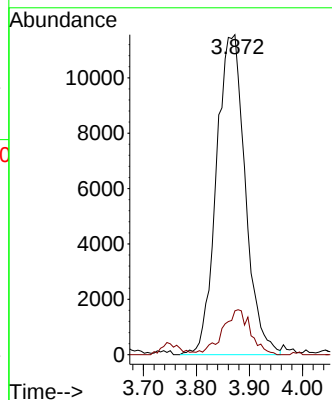
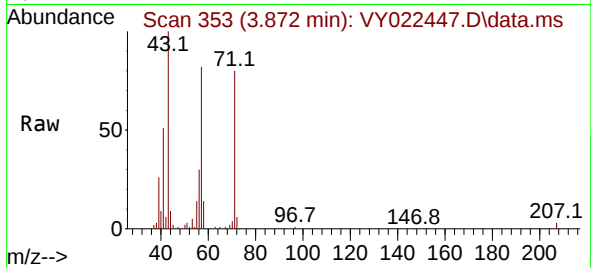




#16
Acetone
Concen: 81.060 ug/l
RT: 3.872 min Scan# 31
Delta R.T. -0.006 min
Lab File: VY022447.D
Acq: 28 May 2025 13:28

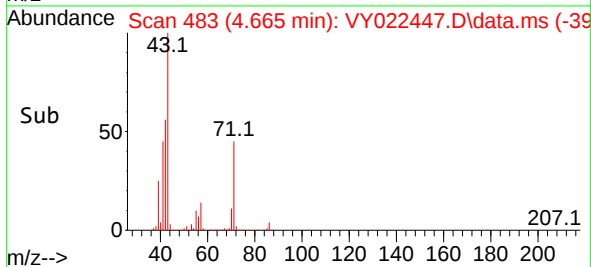
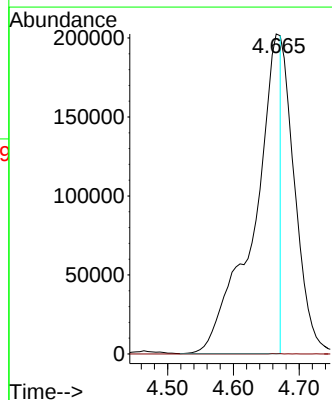
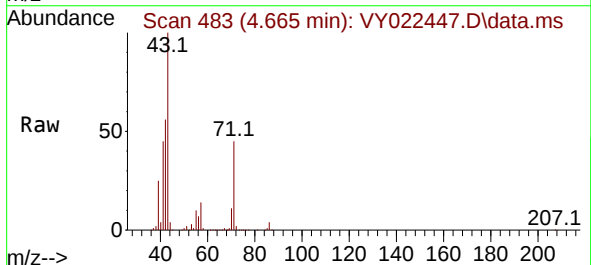
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OR-646-VOC-52

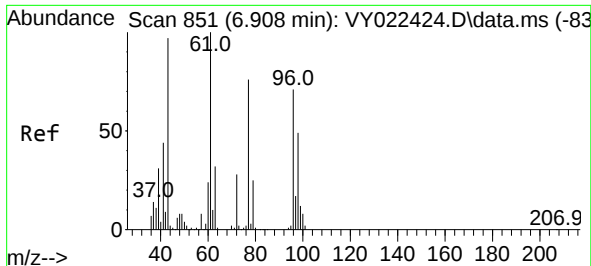
Tgt Ion: 43 Resp: 43611
Ion Ratio Lower Upper
43 100
58 13.7 20.6 30.8#



#18
Methyl Acetate
Concen: 287.243 ug/l
RT: 4.665 min Scan# 483
Delta R.T. 0.268 min
Lab File: VY022447.D
Acq: 28 May 2025 13:28

Tgt Ion: 43 Resp: 578895
Ion Ratio Lower Upper
43 100
74 0.0 21.2 31.8#

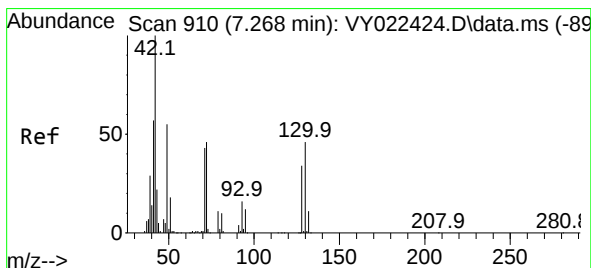
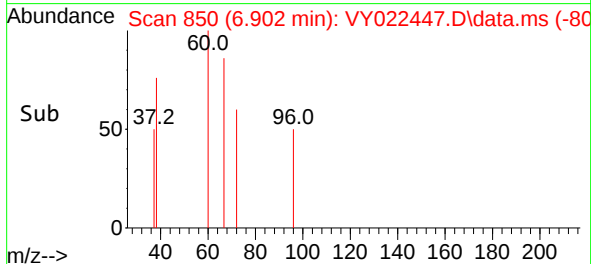
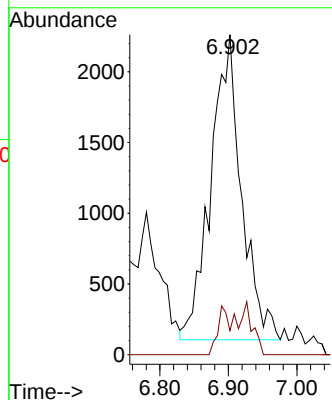
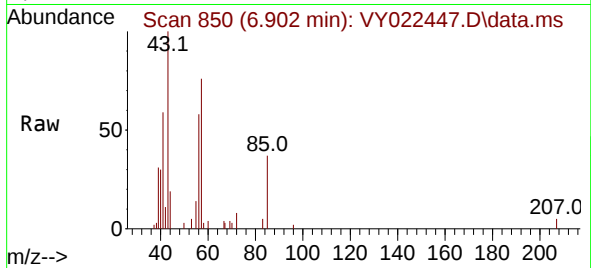




#25
2-Butanone
Concen: 7.474 ug/l
RT: 6.902 min Scan# 81
Delta R.T. -0.006 min
Lab File: VY022447.D
Acq: 28 May 2025 13:28

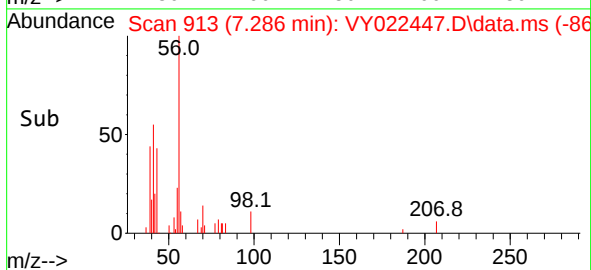
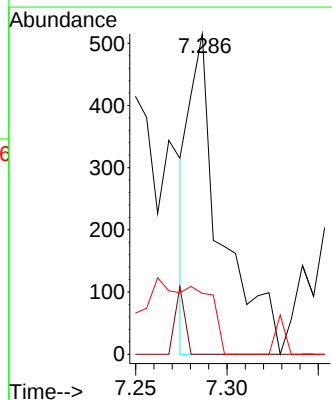
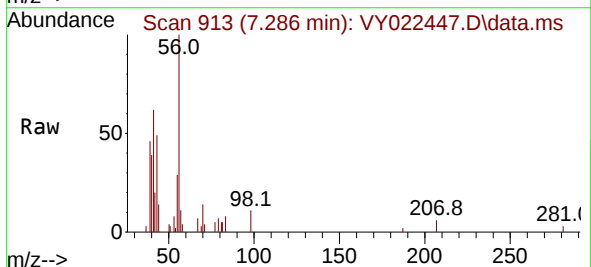
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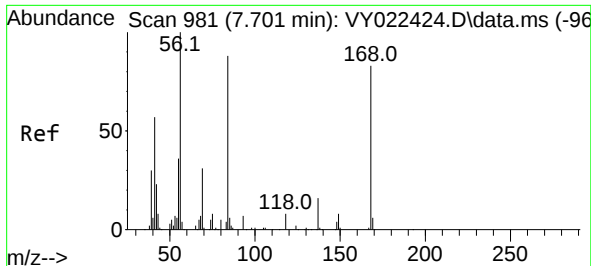
Tgt Ion: 43 Resp: 6697
Ion Ratio Lower Upper
43 100
72 7.9 22.8 34.2#



#29
Tetrahydrofuran
Concen: 1.056 ug/l
RT: 7.286 min Scan# 913
Delta R.T. 0.018 min
Lab File: VY022447.D
Acq: 28 May 2025 13:28

Tgt Ion: 42 Resp: 631
Ion Ratio Lower Upper
42 100
72 0.0 37.7 56.5#
71 0.0 34.7 52.1#

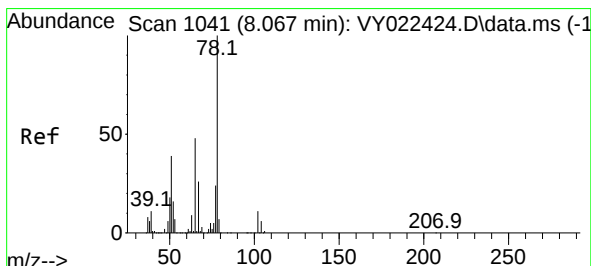
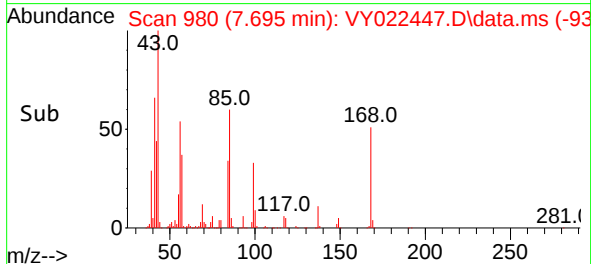
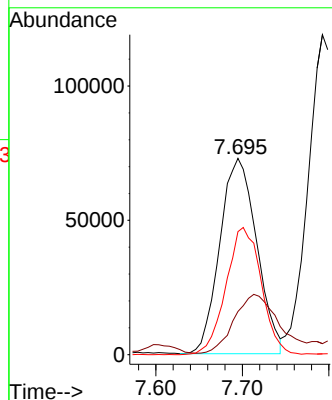
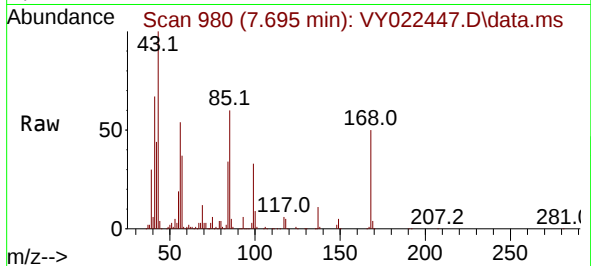




#31
Cyclohexane
Concen: 34.188 ug/l
RT: 7.695 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY022447.D
Acq: 28 May 2025 13:28

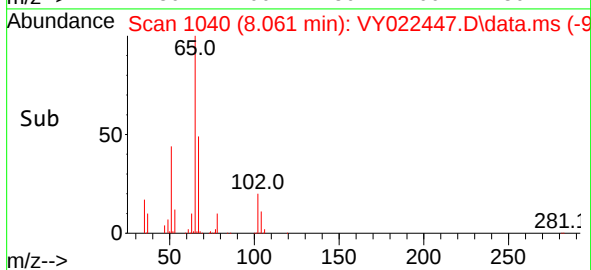
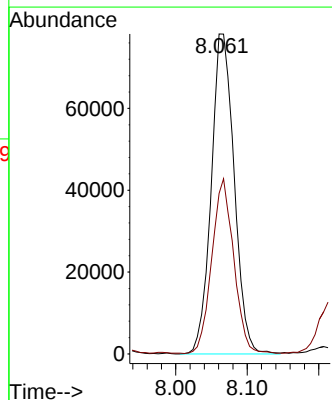
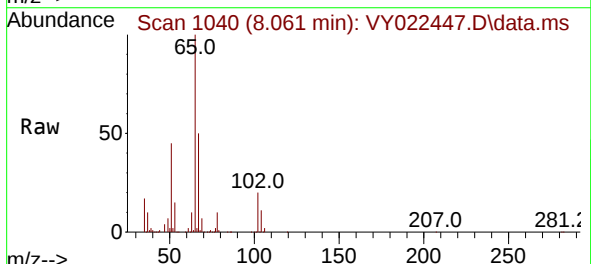
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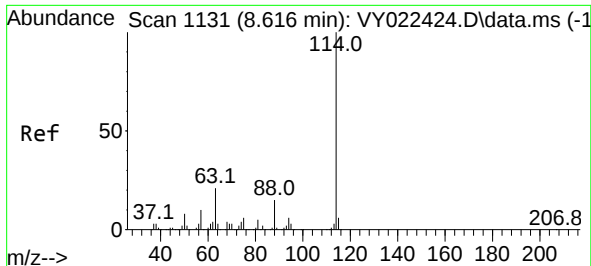
Tgt Ion: 56 Resp: 215307
Ion Ratio Lower Upper
56 100
69 19.5 24.6 36.8#
84 63.0 70.4 105.6#



#33
1,2-Dichloroethane-d4
Concen: 53.243 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. -0.006 min
Lab File: VY022447.D
Acq: 28 May 2025 13:28

Tgt Ion: 65 Resp: 174323
Ion Ratio Lower Upper
65 100
67 52.2 0.0 104.4

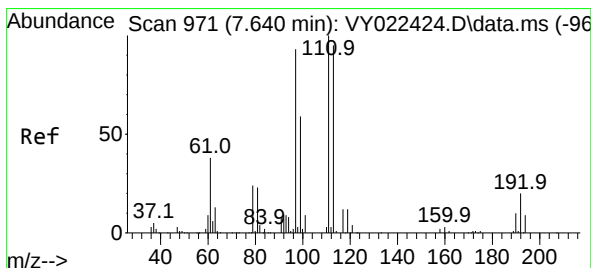
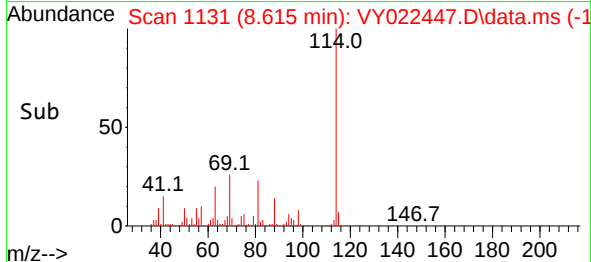
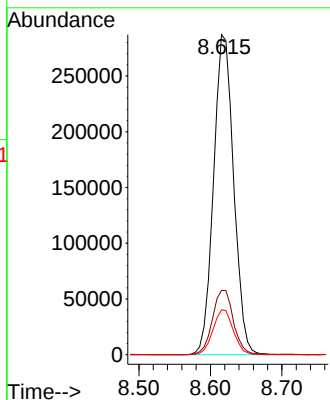
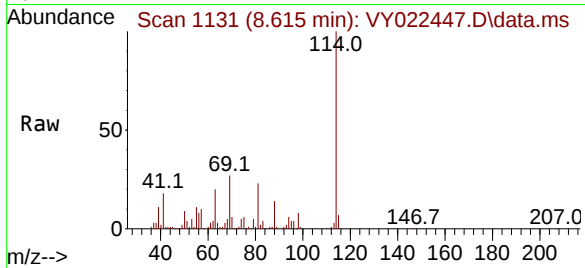




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.615 min Scan# 1131
Delta R.T. -0.000 min
Lab File: VY022447.D
Acq: 28 May 2025 13:28

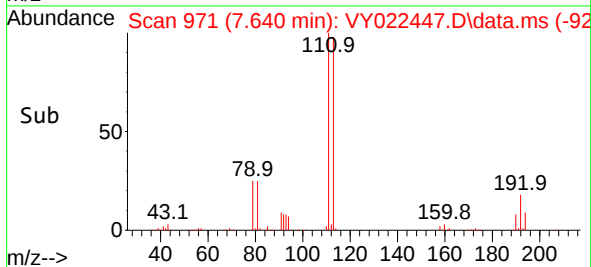
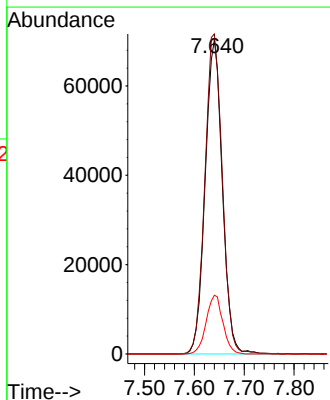
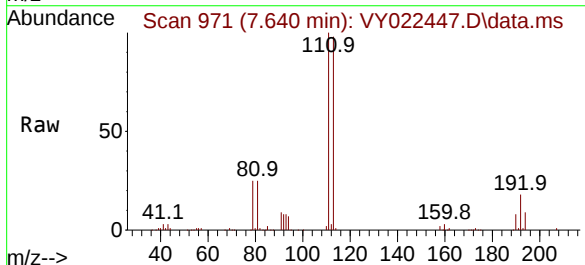
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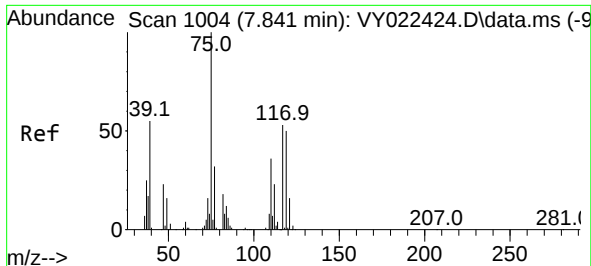
Tgt Ion:114 Resp: 560748
Ion Ratio Lower Upper
114 100
63 20.1 0.0 42.6
88 14.0 0.0 29.4



#35
Dibromofluoromethane
Concen: 51.242 ug/l
RT: 7.640 min Scan# 971
Delta R.T. -0.000 min
Lab File: VY022447.D
Acq: 28 May 2025 13:28

Tgt Ion:113 Resp: 168273
Ion Ratio Lower Upper
113 100
111 103.3 82.4 123.6
192 18.2 15.2 22.8





#36

1,1-Dichloropropene

Concen: 5.262 ug/l

RT: 7.713 min Scan# 91

Delta R.T. -0.128 min

Lab File: VY022447.D

Acq: 28 May 2025 13:28

Instrument :

MSVOA_Y

ClientSampleId :

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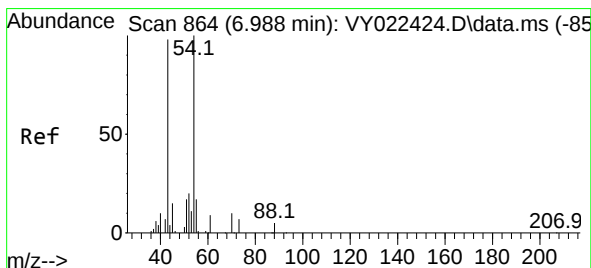
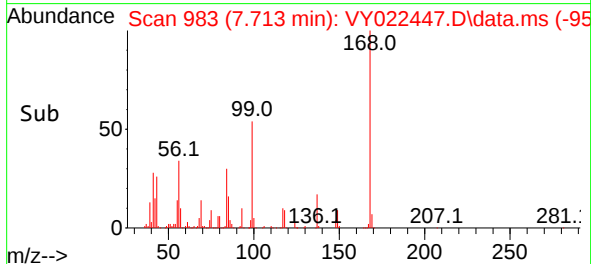
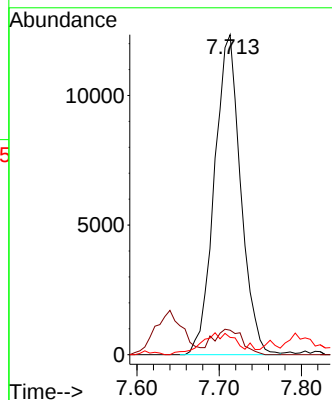
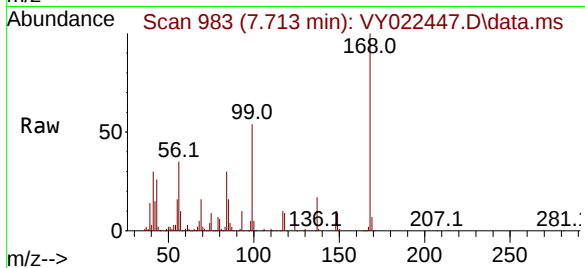
Tgt Ion: 75 Resp: 27419

Ion Ratio Lower Upper

75 100

110 8.5 17.1 51.2#

77 5.2 25.1 37.7#



#37

Ethyl Acetate

Concen: 3.024 ug/l

RT: 6.902 min Scan# 850

Delta R.T. -0.085 min

Lab File: VY022447.D

Acq: 28 May 2025 13:28

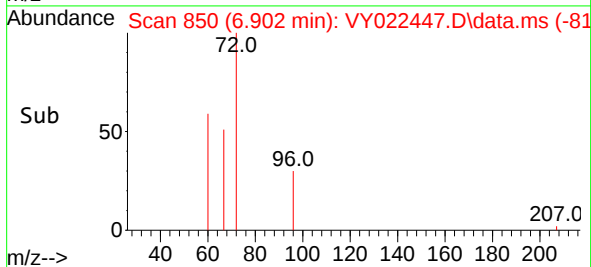
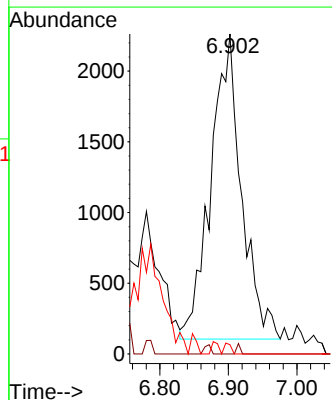
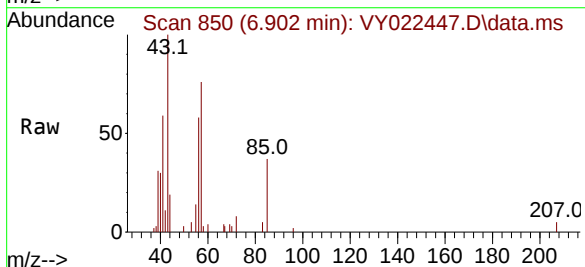
Tgt Ion: 43 Resp: 6697

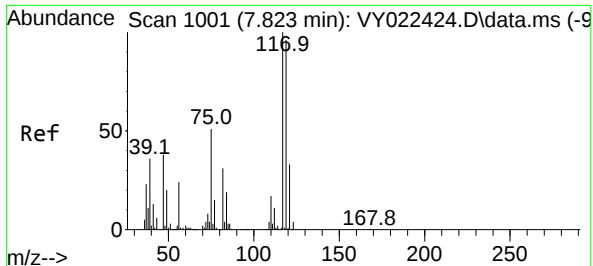
Ion Ratio Lower Upper

43 100

61 0.4 11.7 17.5#

70 0.0 7.8 11.6#

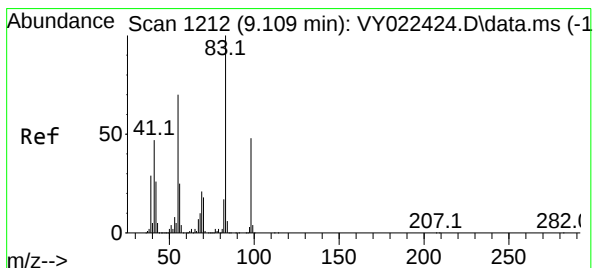
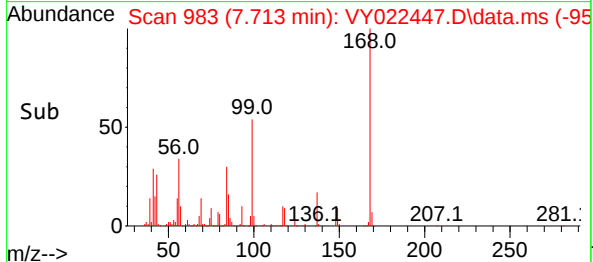
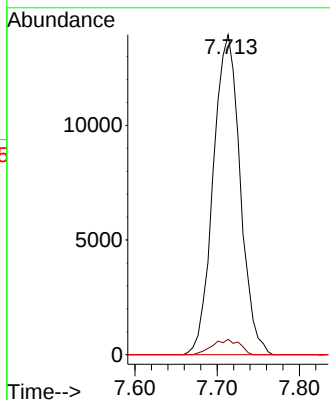
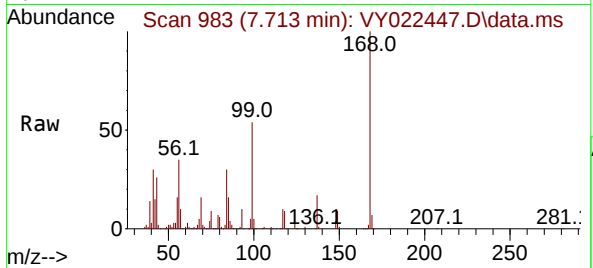




#38
Carbon Tetrachloride
Concen: 5.860 ug/l
RT: 7.713 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY022447.D
Acq: 28 May 2025 13:28

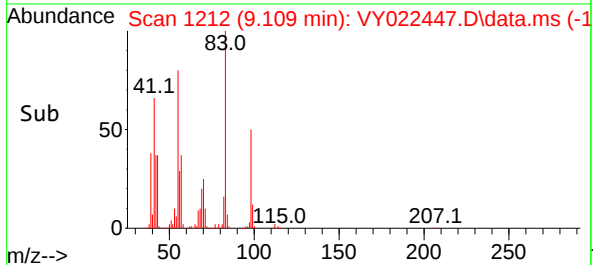
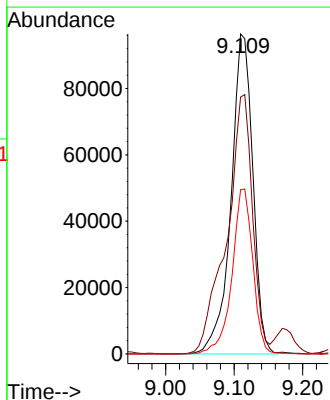
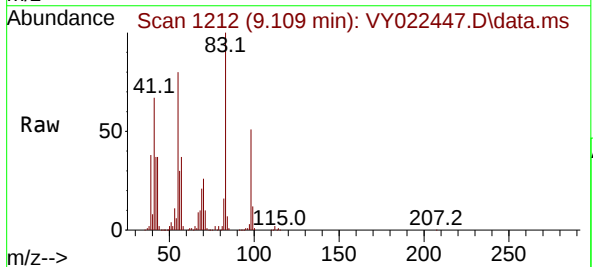
Instrument :
MSVOA_Y
ClientSampleId :
OR-646-VOC-52

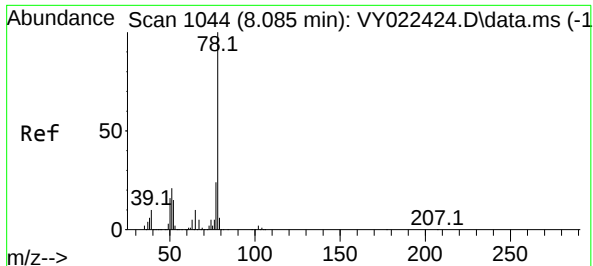
Tgt Ion:117 Resp: 31810
Ion Ratio Lower Upper
117 100
119 4.8 76.3 114.5#
121 0.0 26.1 39.1#



#39
Methylcyclohexane
Concen: 30.809 ug/l
RT: 9.109 min Scan# 1212
Delta R.T. -0.000 min
Lab File: VY022447.D
Acq: 28 May 2025 13:28

Tgt Ion: 83 Resp: 213412
Ion Ratio Lower Upper
83 100
55 80.2 56.2 84.2
98 51.3 38.4 57.6

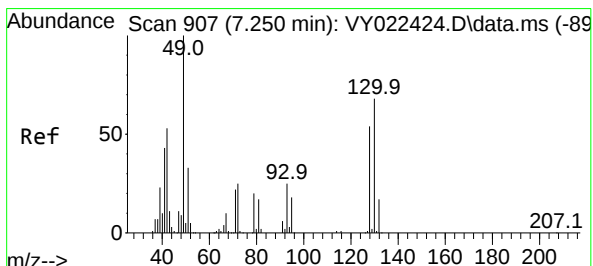
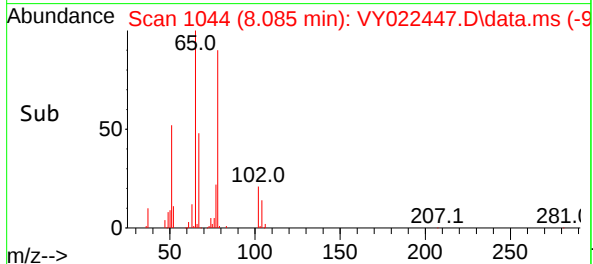
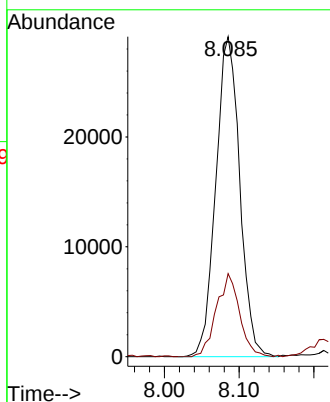
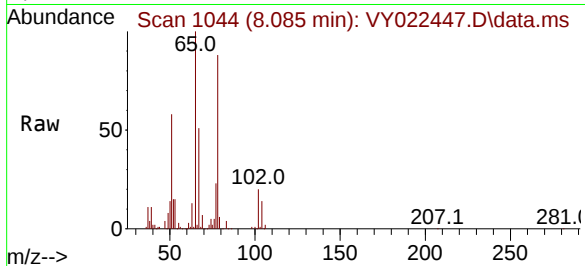




#40
Benzene
Concen: 4.176 ug/l
RT: 8.085 min Scan# 1044
Delta R.T. -0.000 min
Lab File: VY022447.D
Acq: 28 May 2025 13:28

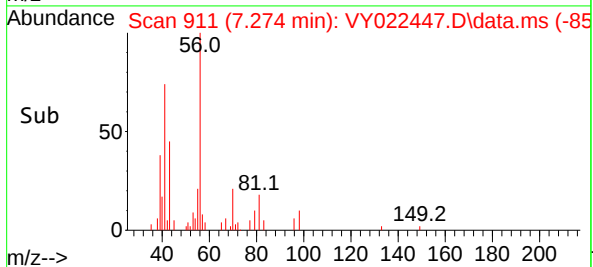
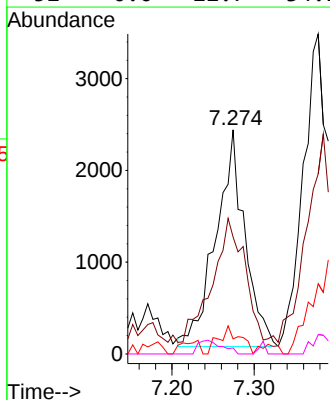
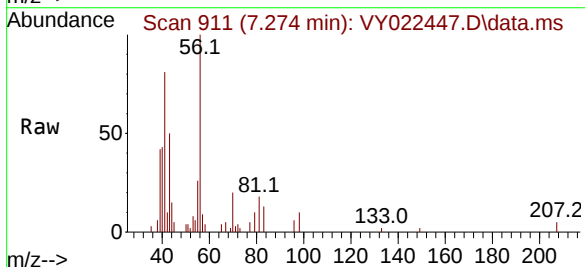
Instrument :
MSVOA_Y
ClientSampleId :
OR-646-VOC-52

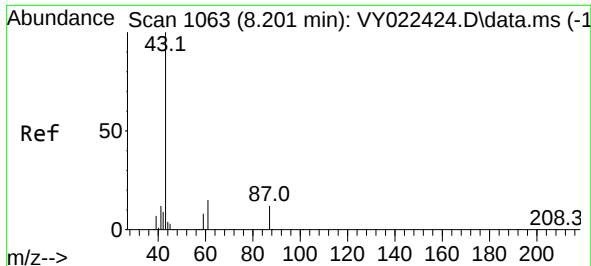
Tgt Ion: 78 Resp: 64746
Ion Ratio Lower Upper
78 100
77 25.9 19.4 29.2



#41
Methacrylonitrile
Concen: 4.288 ug/l
RT: 7.274 min Scan# 911
Delta R.T. 0.024 min
Lab File: VY022447.D
Acq: 28 May 2025 13:28

Tgt Ion: 41 Resp: 5764
Ion Ratio Lower Upper
41 100
39 64.0 40.4 60.6#
67 0.0 53.0 79.4#
52 0.0 22.7 34.1#

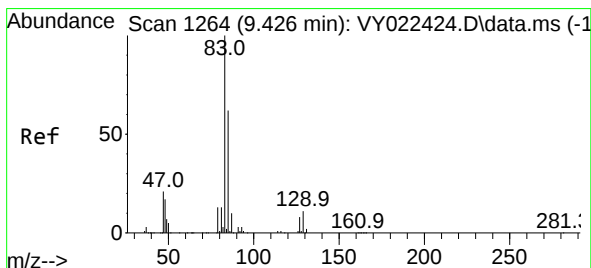
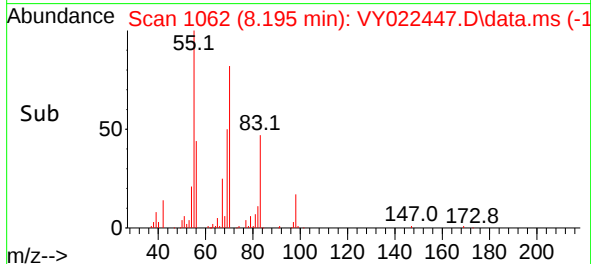
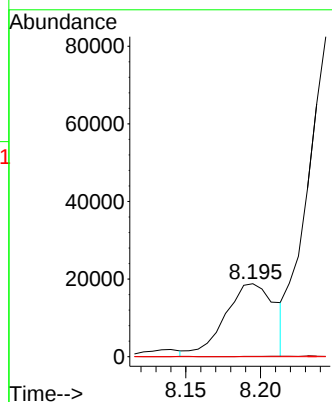
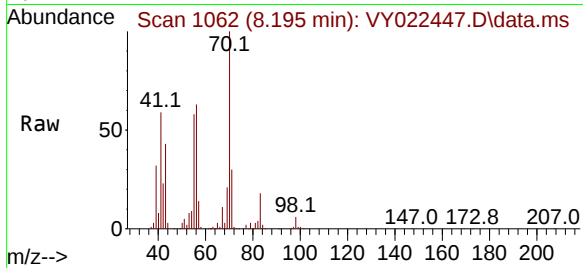




#43
Isopropyl Acetate
Concen: 9.120 ug/l
RT: 8.195 min Scan# 1062
Delta R.T. -0.006 min
Lab File: VY022447.D
Acq: 28 May 2025 13:28

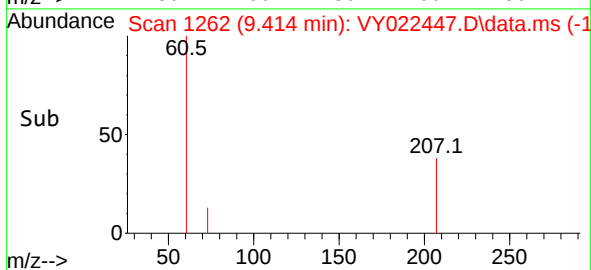
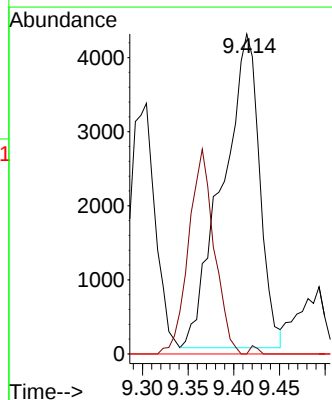
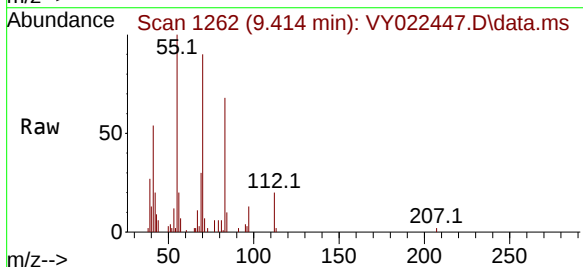
Instrument :
MSVOA_Y
ClientSampleId :
OR-646-VOC-52

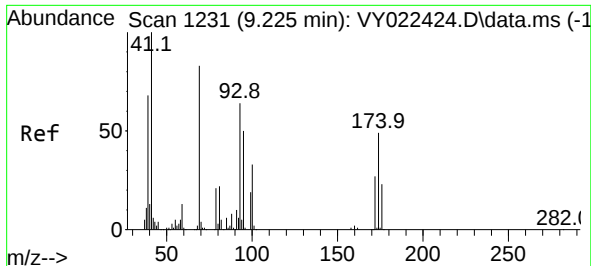
Tgt Ion: 43 Resp: 44137
Ion Ratio Lower Upper
43 100
61 0.0 15.4 23.0#
87 0.0 10.6 15.8#



#47
Bromodichloromethane
Concen: 2.291 ug/l
RT: 9.414 min Scan# 1262
Delta R.T. -0.012 min
Lab File: VY022447.D
Acq: 28 May 2025 13:28

Tgt Ion: 83 Resp: 11991
Ion Ratio Lower Upper
83 100
85 0.0 49.8 74.6#
127 0.0 6.6 9.8#

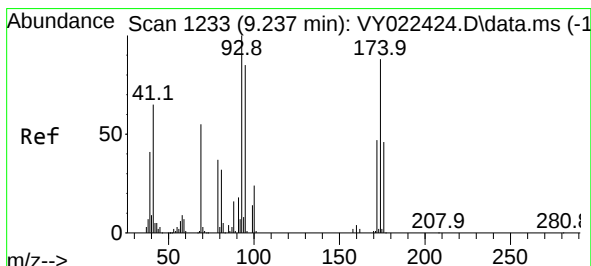
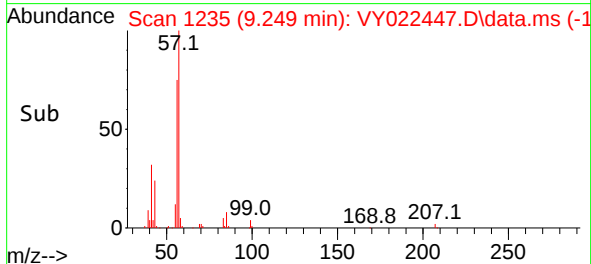
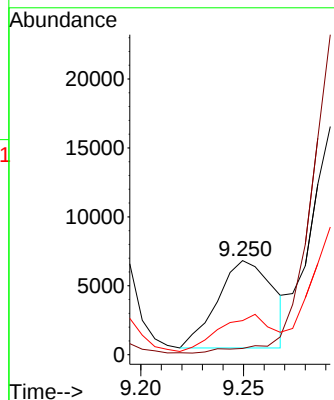
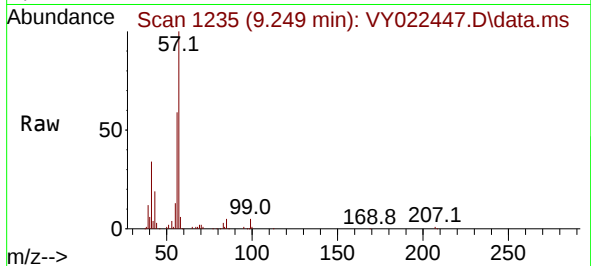




#48
Methyl methacrylate
Concen: 5.294 ug/l
RT: 9.249 min Scan# 11
Delta R.T. 0.024 min
Lab File: VY022447.D
Acq: 28 May 2025 13:28

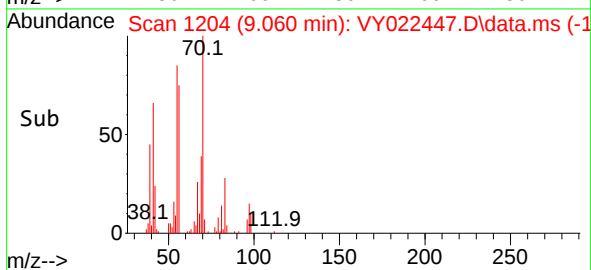
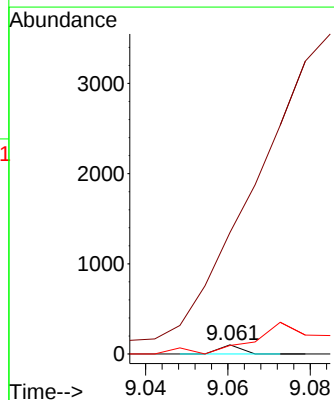
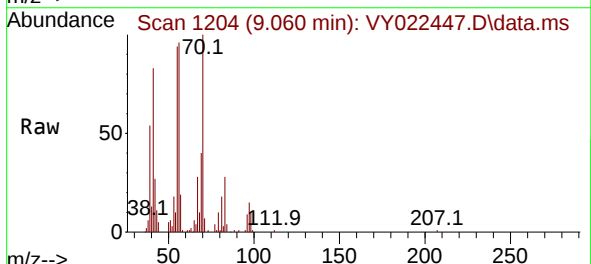
Instrument :
MSVOA_Y
ClientSampleId :
OR-646-VOC-52

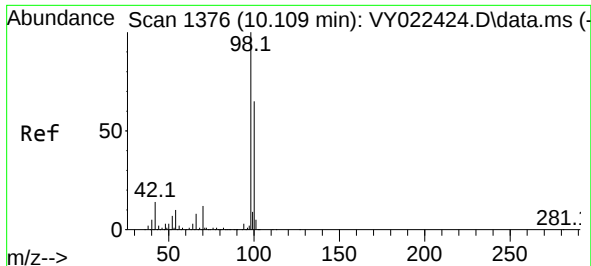
Tgt Ion: 41 Resp: 11893
Ion Ratio Lower Upper
41 100
69 0.0 70.3 105.5#
39 39.8 55.4 83.0#



#49
1,4-Dioxane
Concen: 1.646 ug/l
RT: 9.060 min Scan# 1204
Delta R.T. -0.177 min
Lab File: VY022447.D
Acq: 28 May 2025 13:28

Tgt Ion: 88 Resp: 37
Ion Ratio Lower Upper
88 100
43 0.0 26.9 40.3#
58 1048.6 55.8 83.6#

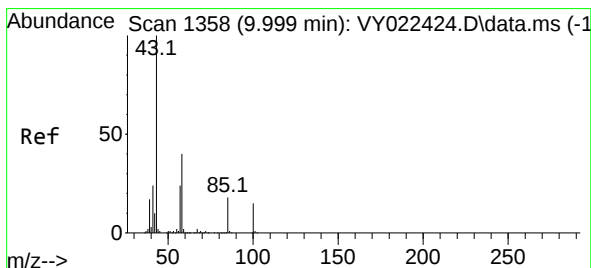
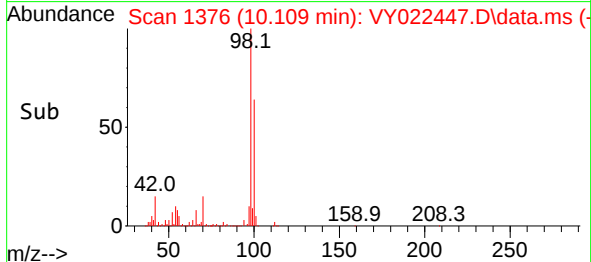
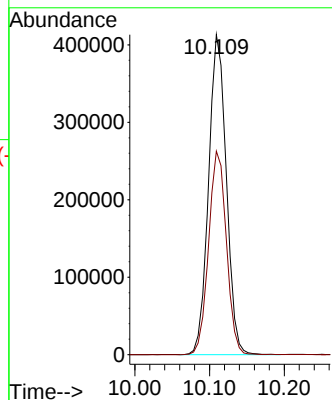
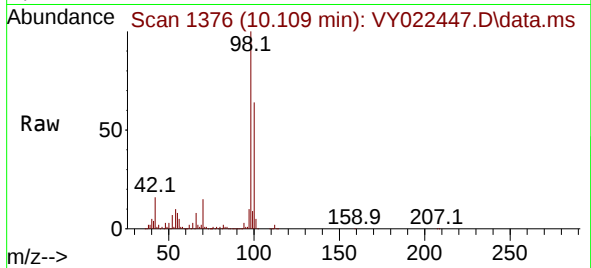




#50
Toluene-d8
Concen: 50.811 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. -0.000 min
Lab File: VY022447.D
Acq: 28 May 2025 13:28

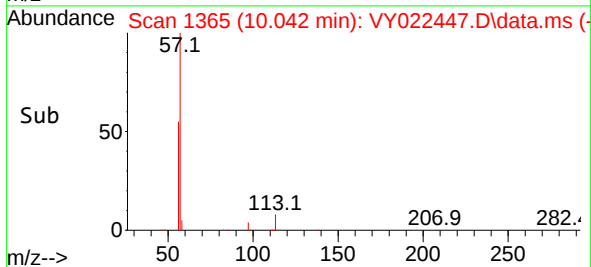
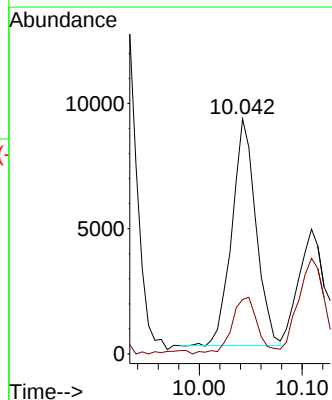
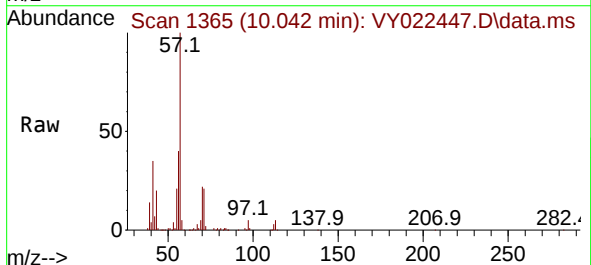
Instrument :
MSVOA_Y
ClientSampleId :
OR-646-VOC-52

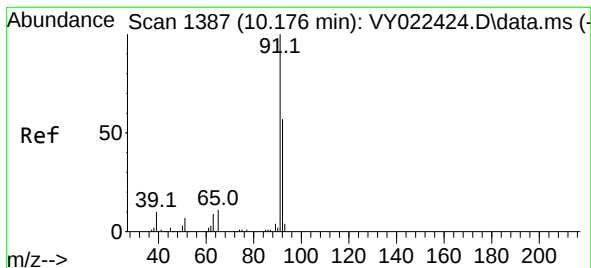
Tgt Ion: 98 Resp: 680207
Ion Ratio Lower Upper
98 100
100 63.8 52.2 78.2



#51
4-Methyl-2-Pentanone
Concen: 6.170 ug/l
RT: 10.042 min Scan# 1365
Delta R.T. 0.043 min
Lab File: VY022447.D
Acq: 28 May 2025 13:28

Tgt Ion: 43 Resp: 14733
Ion Ratio Lower Upper
43 100
58 26.9 31.2 46.8#





#52

Toluene

Concen: 3.796 ug/l

RT: 10.176 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY022447.D

Acq: 28 May 2025 13:28

Instrument :

MSVOA_Y

ClientSampleId :

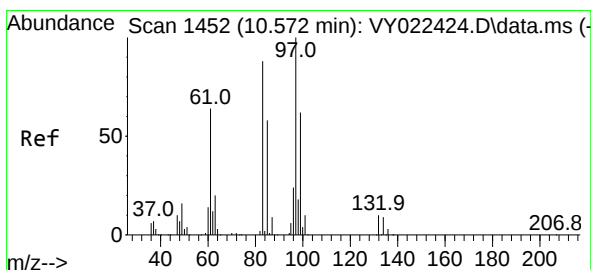
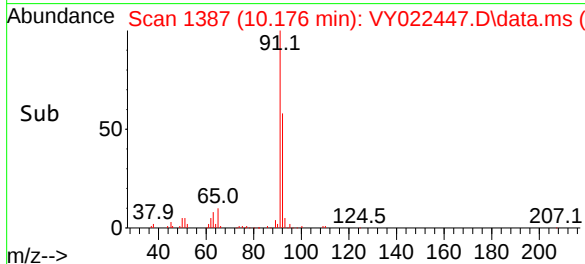
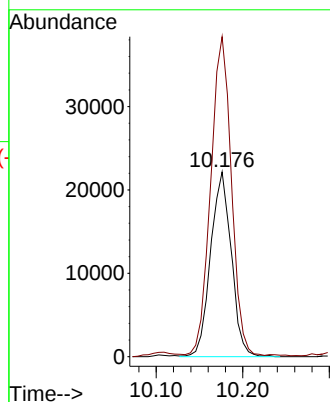
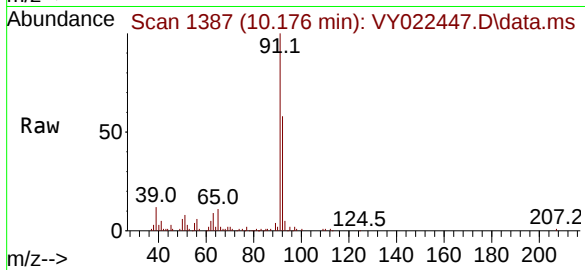
OR-646-VOC-52

Tgt Ion: 92 Resp: 36768

Ion Ratio Lower Upper

92 100

91 172.4 139.8 209.6



#55

1,1,2-Trichloroethane

Concen: 15.161 ug/l

RT: 10.548 min Scan# 1448

Delta R.T. -0.024 min

Lab File: VY022447.D

Acq: 28 May 2025 13:28

Tgt Ion: 97 Resp: 39010

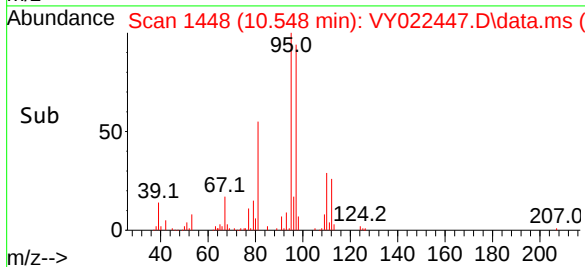
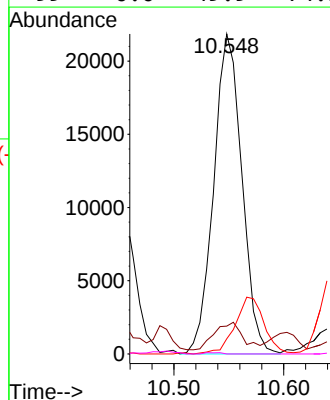
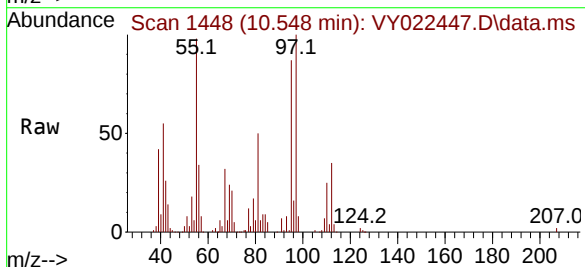
Ion Ratio Lower Upper

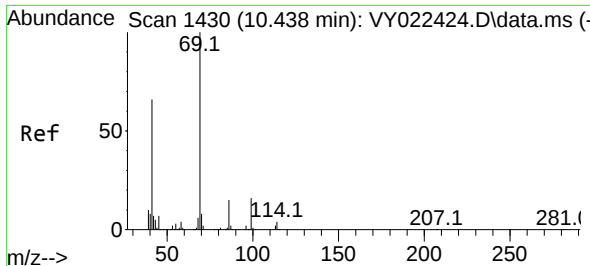
97 100

83 6.8 70.2 105.4#

85 4.4 46.1 69.1#

99 0.0 49.9 74.9#

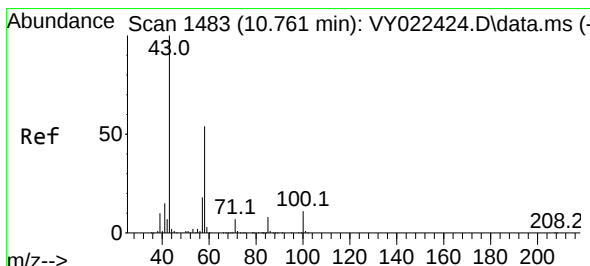
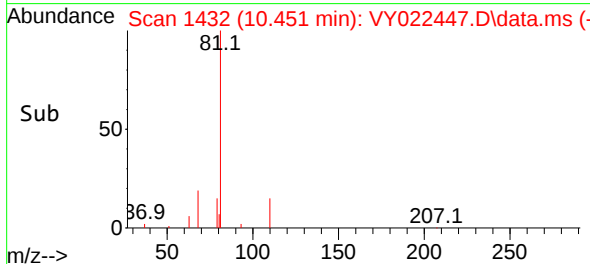
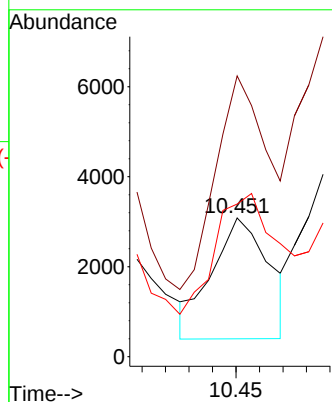
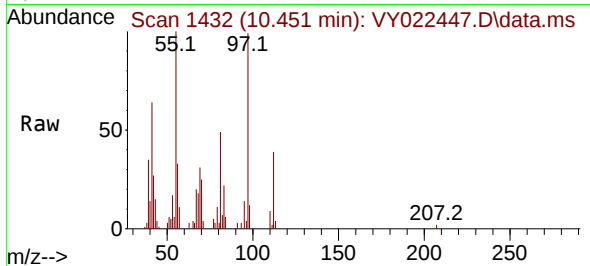




#56
Ethyl methacrylate
Concen: 1.225 ug/l
RT: 10.451 min Scan# 1432
Delta R.T. 0.012 min
Lab File: VY022447.D
Acq: 28 May 2025 13:28

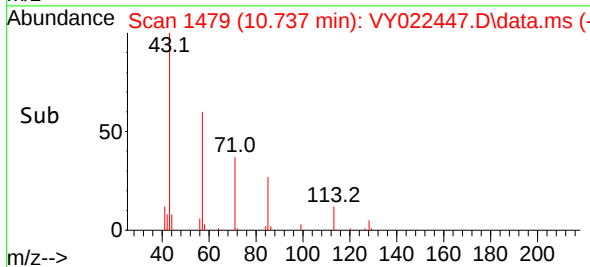
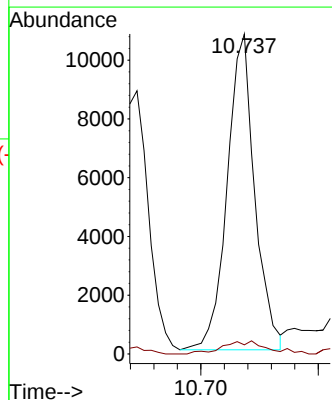
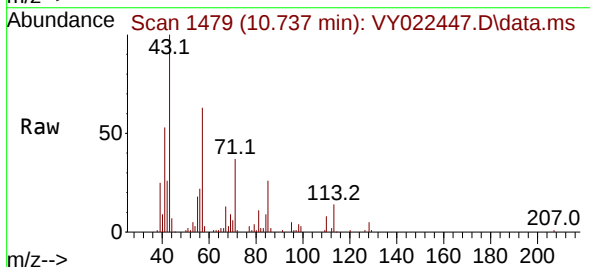
Instrument :
MSVOA_Y
ClientSampleId :
OR-646-VOC-52

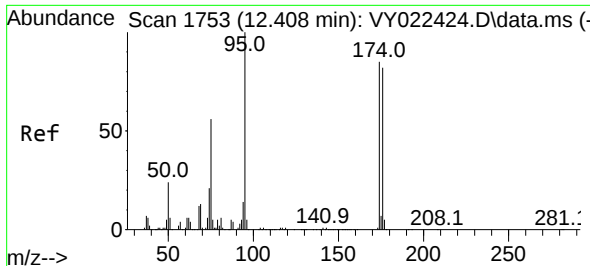
Tgt Ion: 69 Resp: 4524
Ion Ratio Lower Upper
69 100
41 168.4 51.2 76.8#
39 108.2 35.2 52.8#



#59
2-Hexanone
Concen: 11.180 ug/l
RT: 10.737 min Scan# 1479
Delta R.T. -0.024 min
Lab File: VY022447.D
Acq: 28 May 2025 13:28

Tgt Ion: 43 Resp: 17495
Ion Ratio Lower Upper
43 100
58 5.9 27.1 81.2#

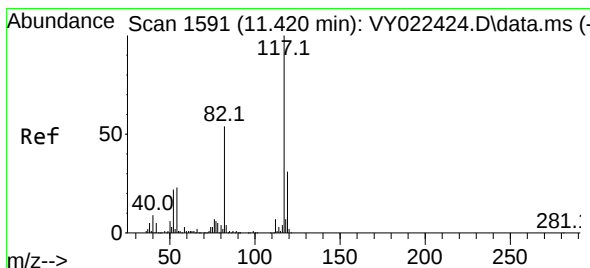
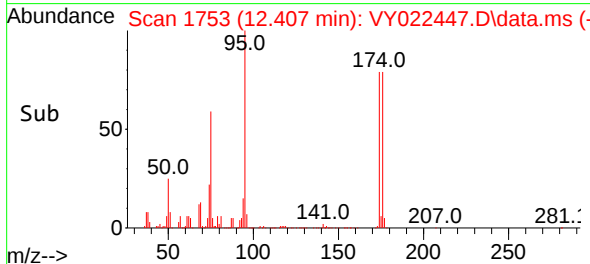
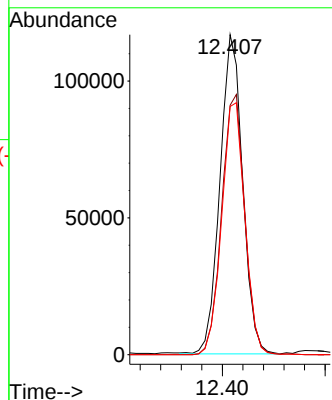
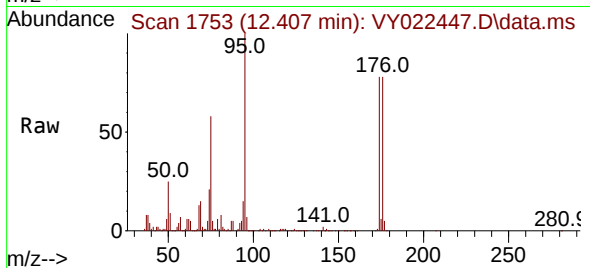




#62
4-Bromofluorobenzene
Concen: 43.967 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. -0.000 min
Lab File: VY022447.D
Acq: 28 May 2025 13:28

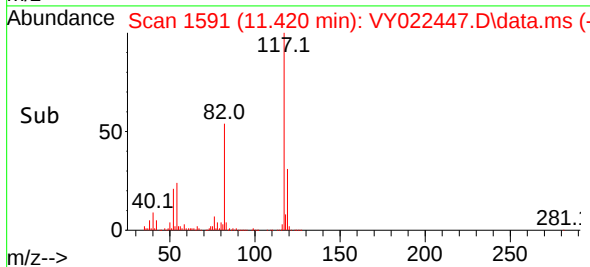
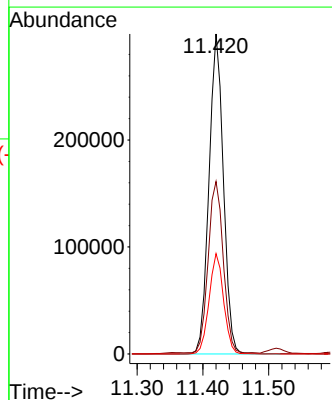
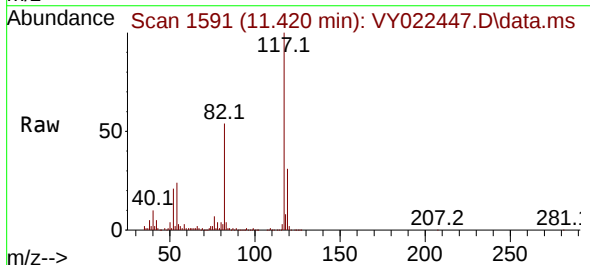
Instrument :
MSVOA_Y
ClientSampleId :
OR-646-VOC-52

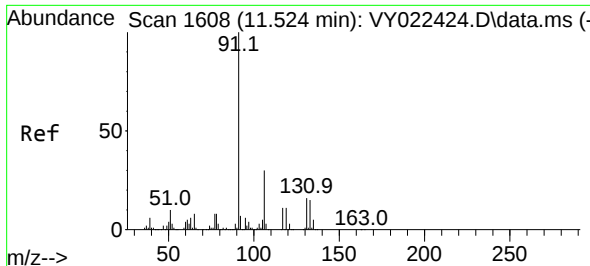
Tgt Ion: 95 Resp: 178040
Ion Ratio Lower Upper
95 100
174 83.2 0.0 171.6
176 80.8 0.0 164.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 1591
Delta R.T. -0.000 min
Lab File: VY022447.D
Acq: 28 May 2025 13:28

Tgt Ion: 117 Resp: 456181
Ion Ratio Lower Upper
117 100
82 53.5 43.3 64.9
119 31.4 24.5 36.7





#67

Ethyl Benzene

Concen: 94.452 ug/l

RT: 11.523 min Scan# 1608

Delta R.T. -0.000 min

Lab File: VY022447.D

Acq: 28 May 2025 13:28

Instrument :

MSVOA_Y

ClientSampleId :

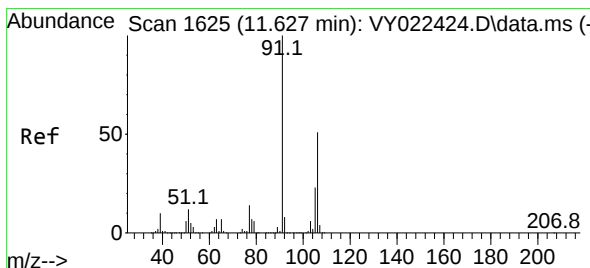
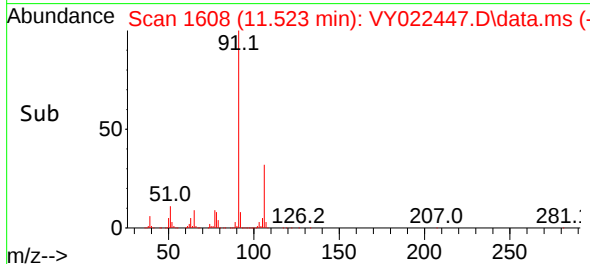
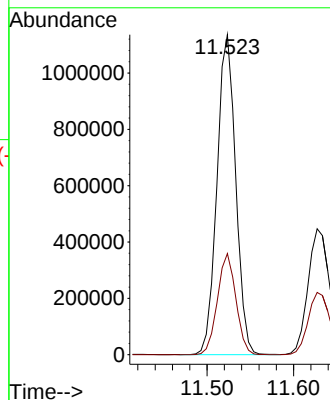
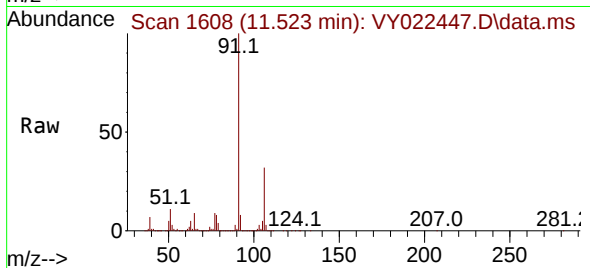
OR-646-VOC-52

Tgt Ion: 91 Resp: 1705928

Ion Ratio Lower Upper

91 100

106 31.6 24.4 36.6



#68

m/p-Xylenes

Concen: 56.513 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. -0.000 min

Lab File: VY022447.D

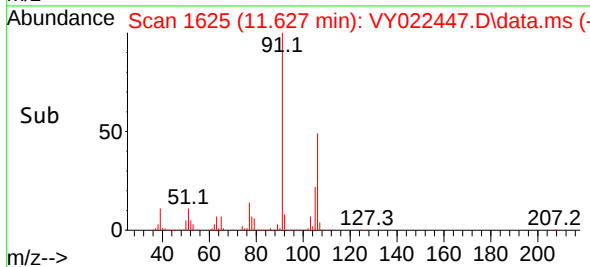
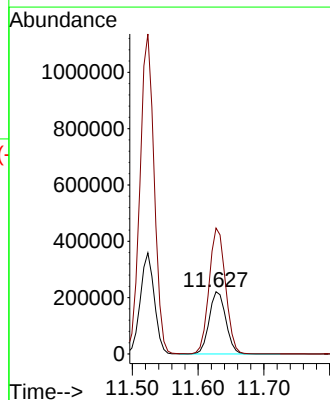
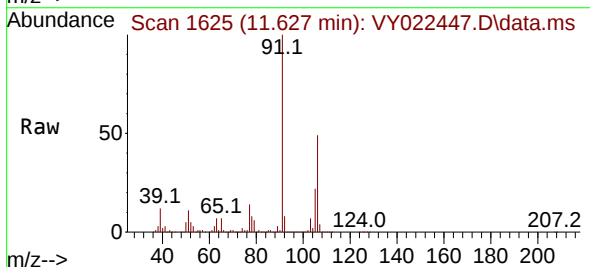
Acq: 28 May 2025 13:28

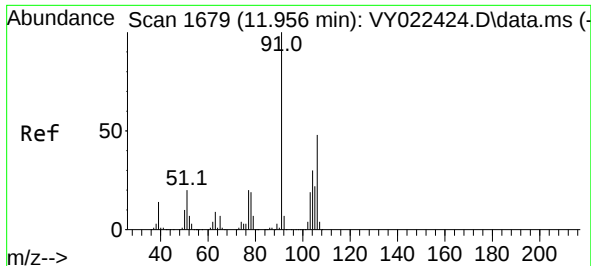
Tgt Ion:106 Resp: 386986

Ion Ratio Lower Upper

106 100

91 200.3 159.8 239.8

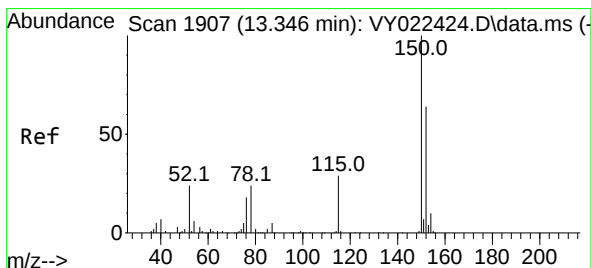
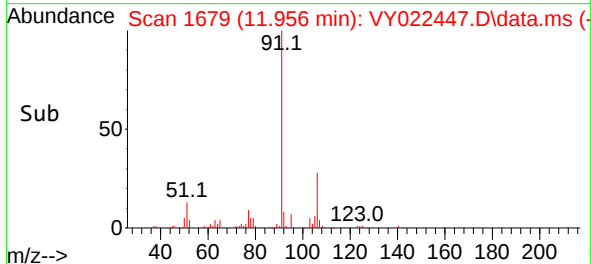
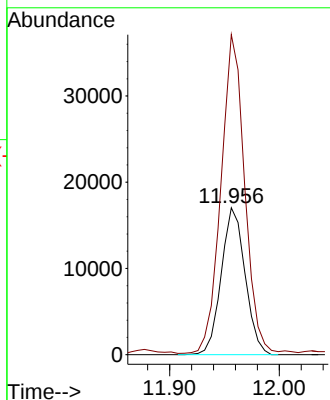
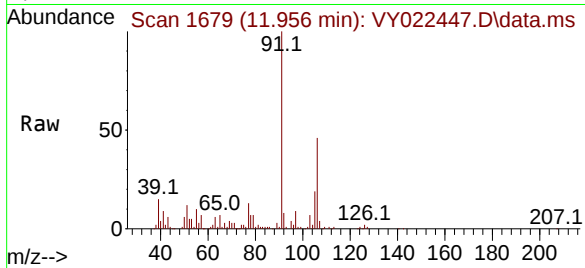




#69
o-Xylene
Concen: 4.005 ug/l
RT: 11.956 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY022447.D
Acq: 28 May 2025 13:28

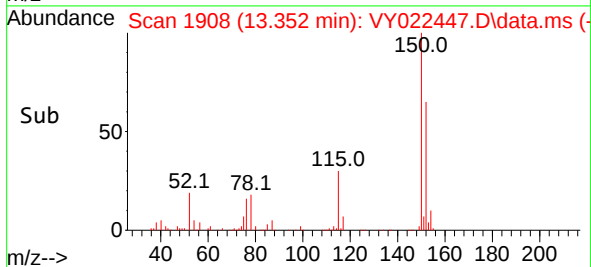
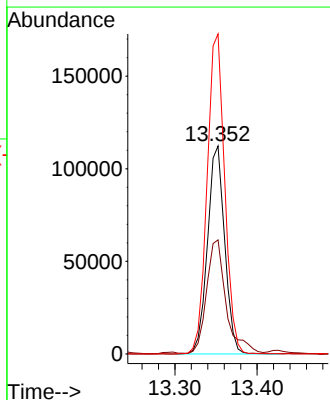
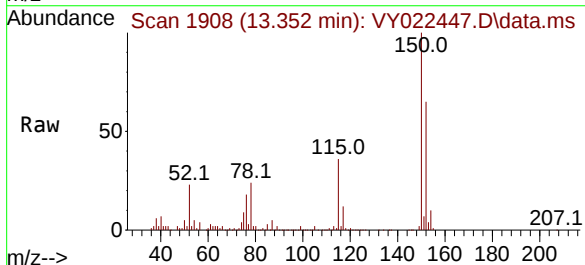
Instrument :
MSVOA_Y
ClientSampleId :
OR-646-VOC-52

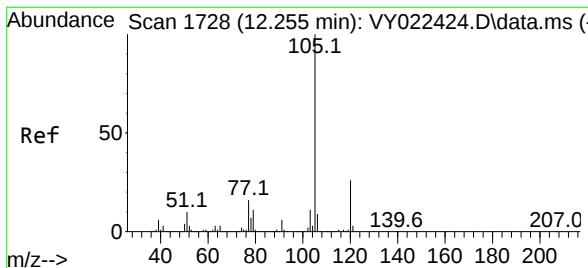
Tgt Ion:106 Resp: 25776
Ion Ratio Lower Upper
106 100
91 215.5 106.3 318.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.352 min Scan# 1908
Delta R.T. 0.006 min
Lab File: VY022447.D
Acq: 28 May 2025 13:28

Tgt Ion:152 Resp: 163532
Ion Ratio Lower Upper
152 100
115 62.1 28.4 85.3
150 157.3 0.0 345.8





#73

Isopropylbenzene

Concen: 15.600 ug/l

RT: 12.255 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY022447.D

Acq: 28 May 2025 13:28

Instrument :

MSVOA_Y

ClientSampleId :

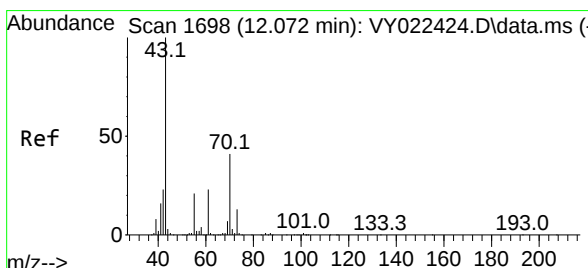
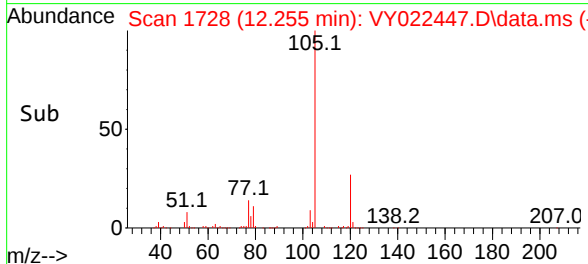
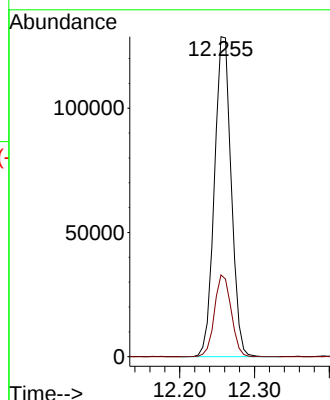
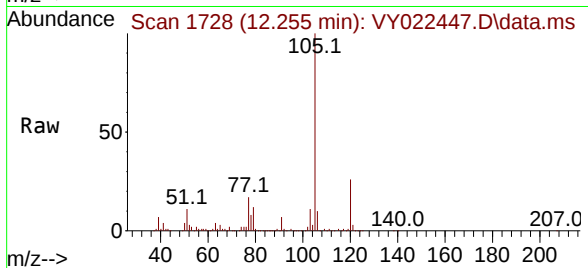
OR-646-VOC-52

Tgt Ion:105 Resp: 200782

Ion Ratio Lower Upper

105 100

120 25.5 13.2 39.5



#74

N-ethyl acetate

Concen: 1.966 ug/l

RT: 12.048 min Scan# 1694

Delta R.T. -0.024 min

Lab File: VY022447.D

Acq: 28 May 2025 13:28

Tgt Ion: 43 Resp: 6193

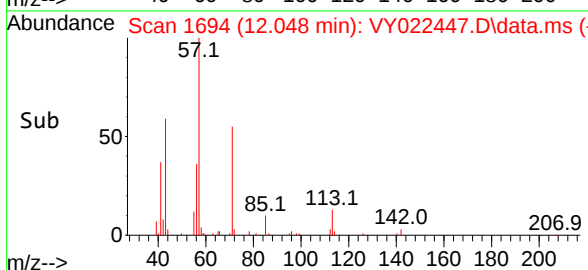
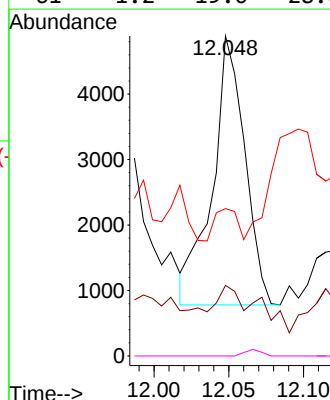
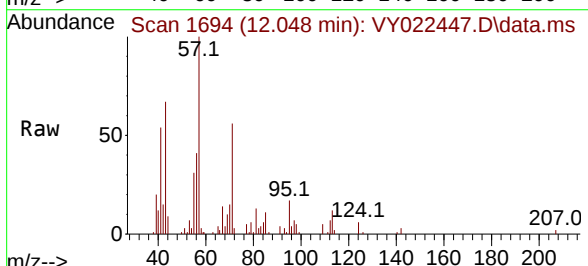
Ion Ratio Lower Upper

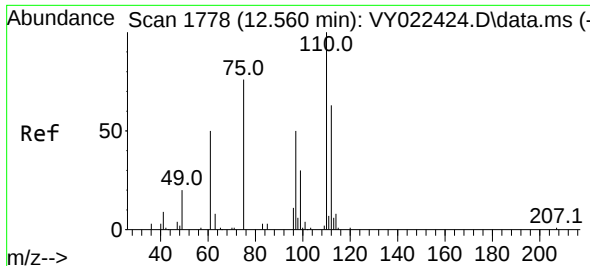
43 100

70 21.8 33.0 49.4#

55 0.0 17.5 26.3#

61 1.2 19.0 28.6#

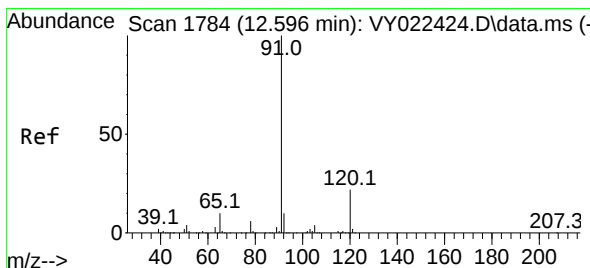
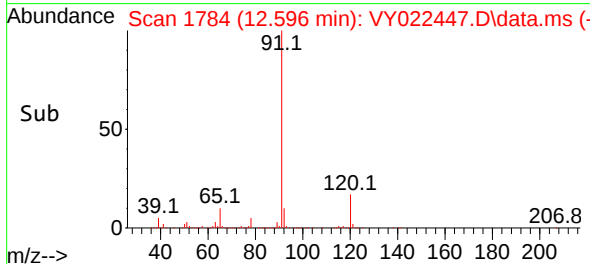
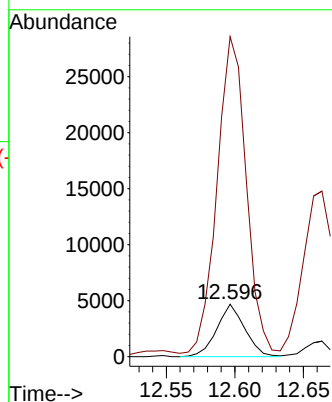
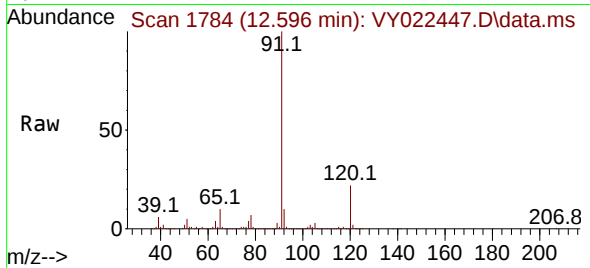




#76
1,2,3-Trichloropropane
Concen: 4.074 ug/l
RT: 12.596 min Scan# 1778
Delta R.T. 0.037 min
Lab File: VY022447.D
Acq: 28 May 2025 13:28

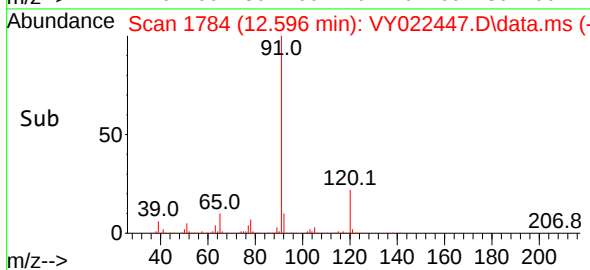
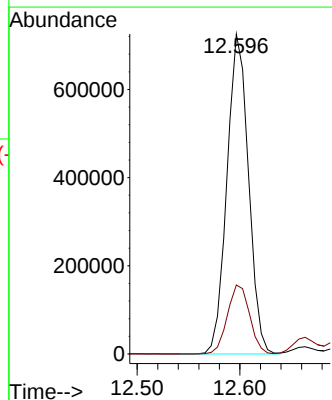
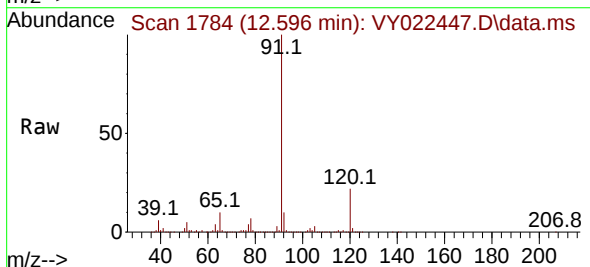
Instrument :
MSVOA_Y
ClientSampleId :
OR-646-VOC-52

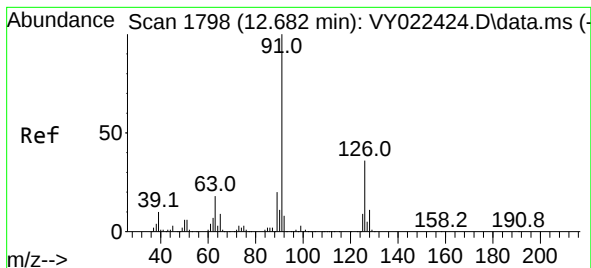
Tgt Ion: 75 Resp: 6674
Ion Ratio Lower Upper
75 100
77 623.9 0.0 0.0#



#78
n-propylbenzene
Concen: 68.331 ug/l
RT: 12.596 min Scan# 1784
Delta R.T. -0.000 min
Lab File: VY022447.D
Acq: 28 May 2025 13:28

Tgt Ion: 91 Resp: 1055424
Ion Ratio Lower Upper
91 100
120 22.3 11.2 33.5





#79

2-Chlorotoluene

Concen: 126.231 ug/l

RT: 12.596 min Scan# 11

Delta R.T. -0.085 min

Lab File: VY022447.D

Acq: 28 May 2025 13:28

Instrument :

MSVOA_Y

ClientSampleId :

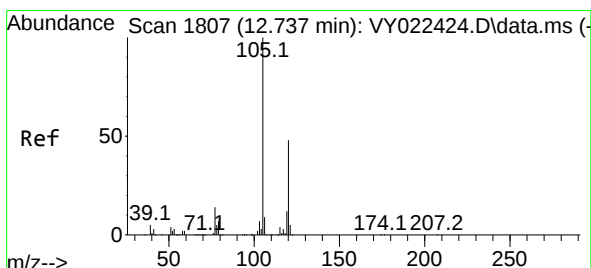
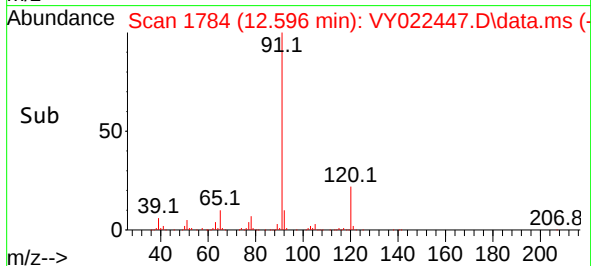
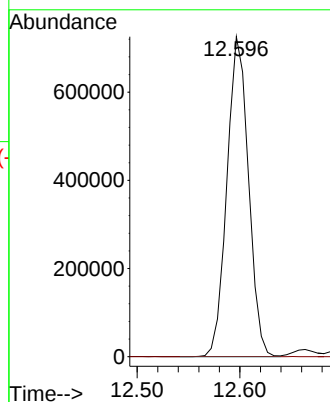
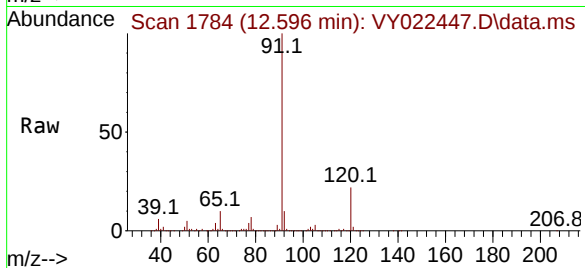
OR-646-VOC-52

Tgt Ion: 91 Resp: 1055424

Ion Ratio Lower Upper

91 100

126 0.0 17.4 52.3#



#80

1,3,5-Trimethylbenzene

Concen: 9.939 ug/l

RT: 12.737 min Scan# 1807

Delta R.T. -0.000 min

Lab File: VY022447.D

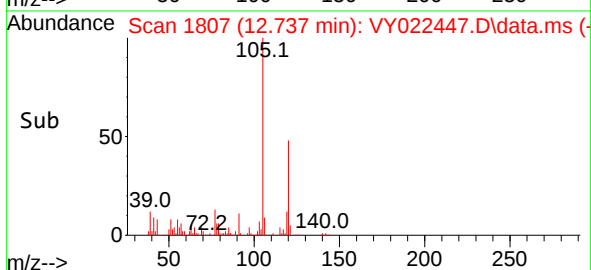
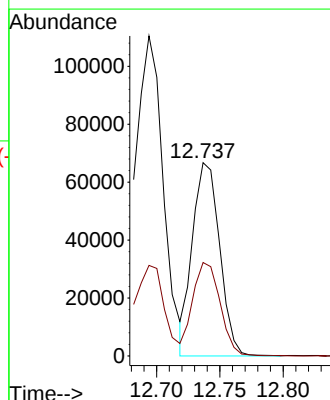
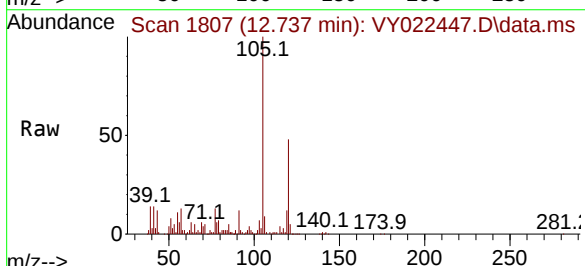
Acq: 28 May 2025 13:28

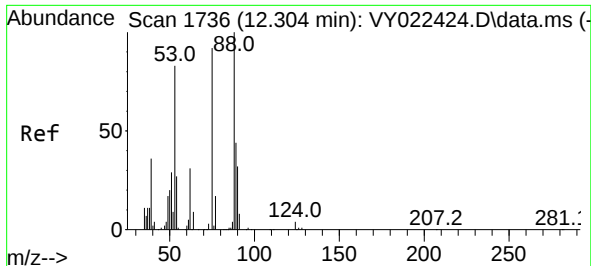
Tgt Ion: 105 Resp: 99948

Ion Ratio Lower Upper

105 100

120 48.8 24.3 73.0

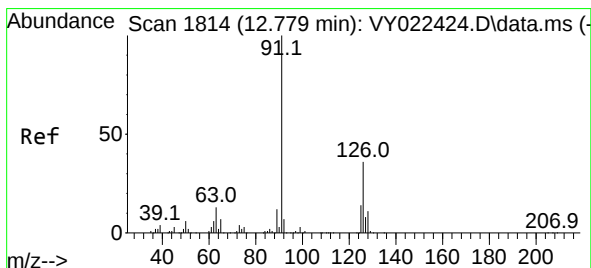
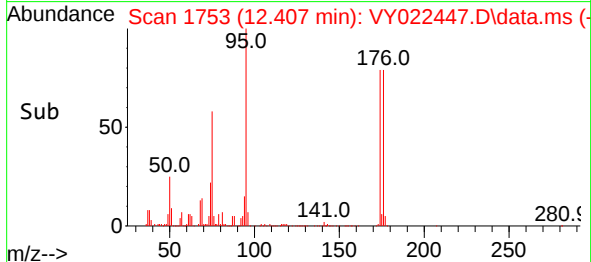
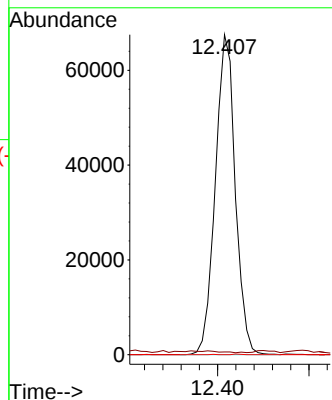
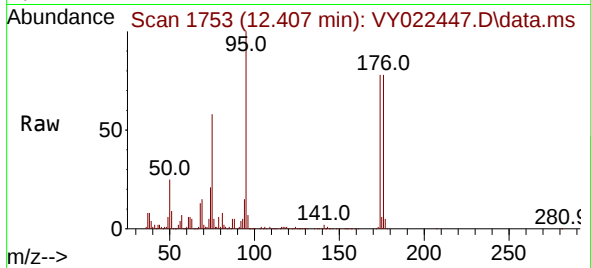




#81
trans-1,4-Dichloro-2-butene
Concen: 141.103 ug/l
RT: 12.407 min Scan# 11
Delta R.T. 0.104 min
Lab File: VY022447.D
Acq: 28 May 2025 13:28

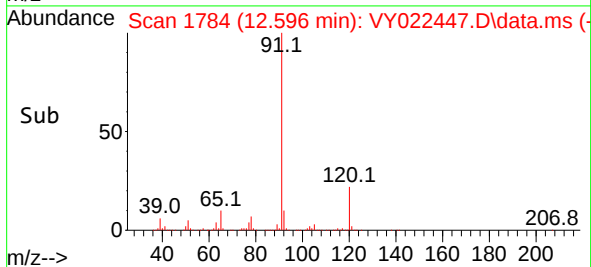
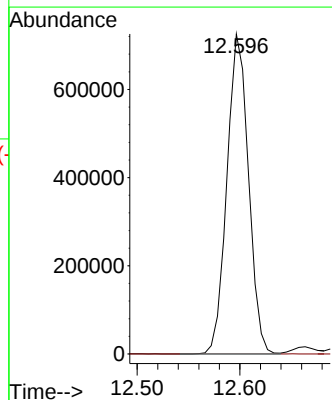
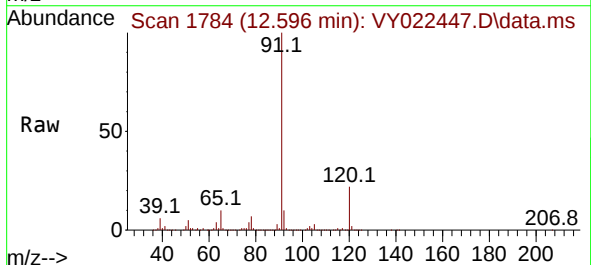
Instrument :
MSVOA_Y
ClientSampleId :
OR-646-VOC-52

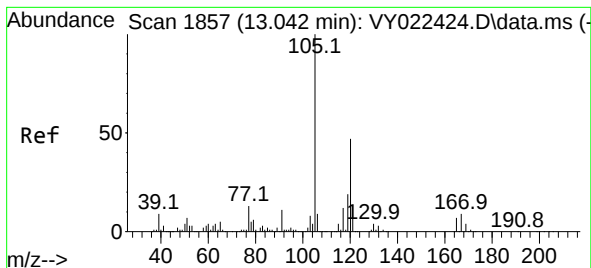
Tgt Ion: 75 Resp: 102205
Ion Ratio Lower Upper
75 100
53 0.0 75.1 112.7#
89 0.0 37.4 56.0#



#82
4-Chlorotoluene
Concen: 122.565 ug/l
RT: 12.596 min Scan# 1784
Delta R.T. -0.183 min
Lab File: VY022447.D
Acq: 28 May 2025 13:28

Tgt Ion: 91 Resp: 1055424
Ion Ratio Lower Upper
91 100
126 0.0 17.2 51.6#





#84

1,2,4-Trimethylbenzene

Concen: 31.890 ug/l

RT: 13.048 min Scan# 1858

Delta R.T. 0.006 min

Lab File: VY022447.D

Acq: 28 May 2025 13:28

Instrument :

MSVOA_Y

ClientSampleId :

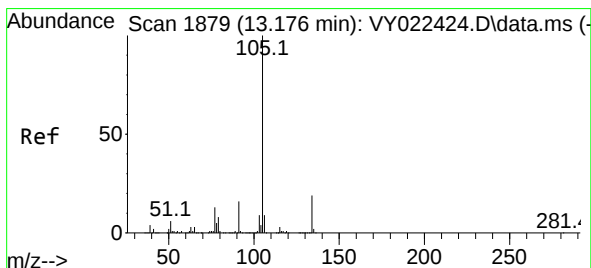
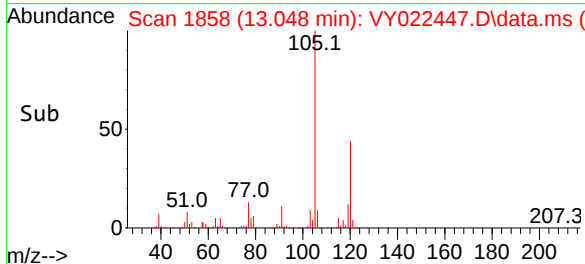
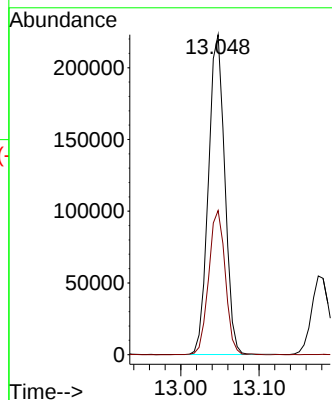
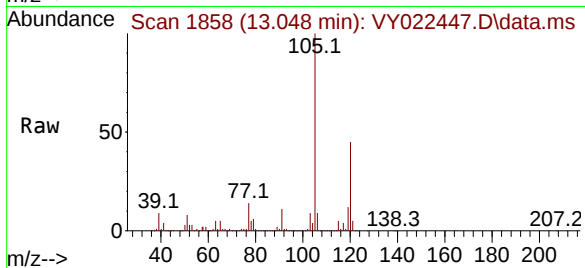
OR-646-VOC-52

Tgt Ion:105 Resp: 322722

Ion Ratio Lower Upper

105 100

120 45.7 22.9 68.5



#85

sec-Butylbenzene

Concen: 6.307 ug/l

RT: 13.176 min Scan# 1879

Delta R.T. -0.000 min

Lab File: VY022447.D

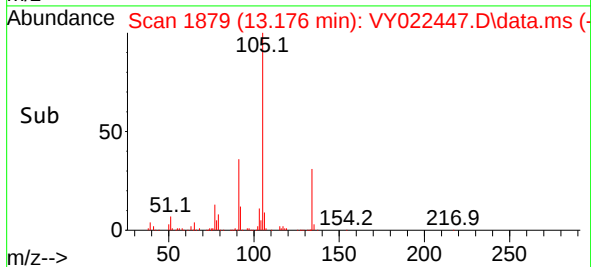
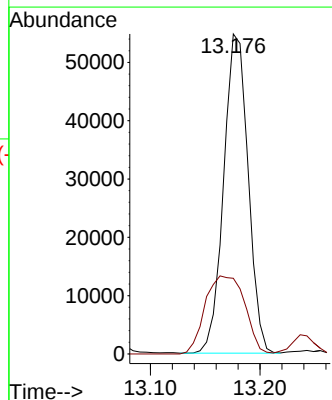
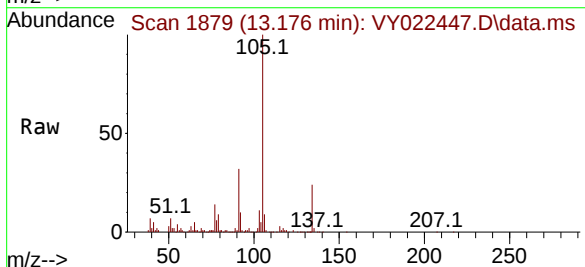
Acq: 28 May 2025 13:28

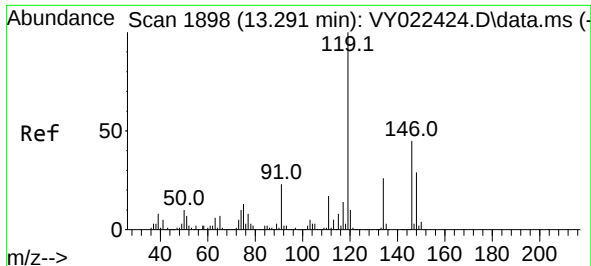
Tgt Ion:105 Resp: 84987

Ion Ratio Lower Upper

105 100

134 39.5 9.7 29.1#

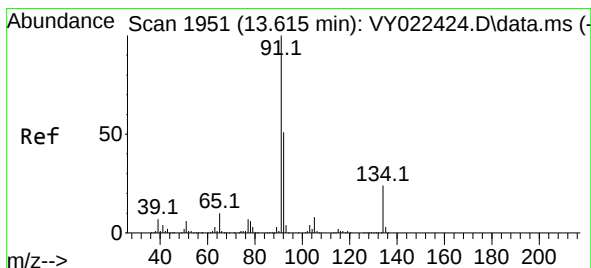
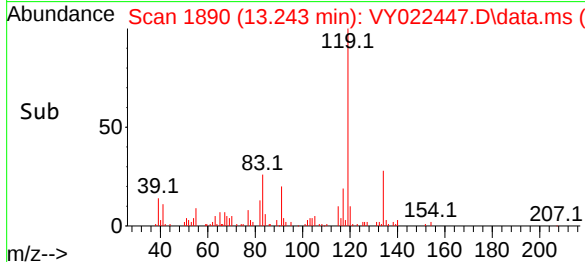
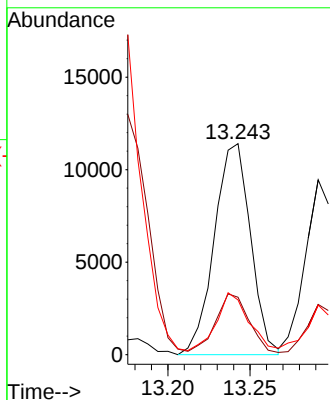
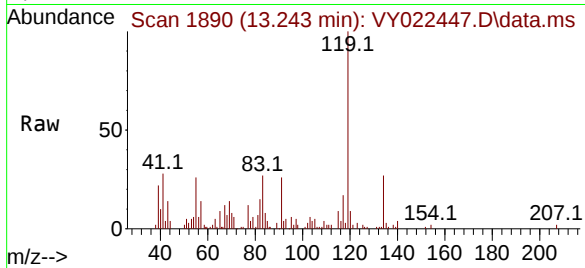




#86
p-Isopropyltoluene
Concen: 1.555 ug/l
RT: 13.243 min Scan# 1899
Delta R.T. -0.049 min
Lab File: VY022447.D
Acq: 28 May 2025 13:28

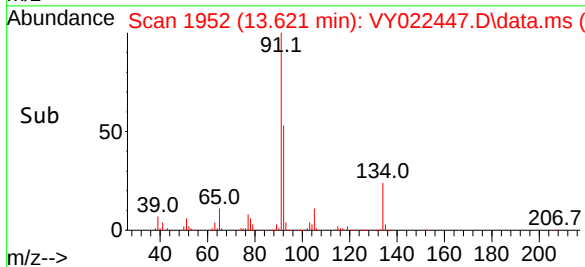
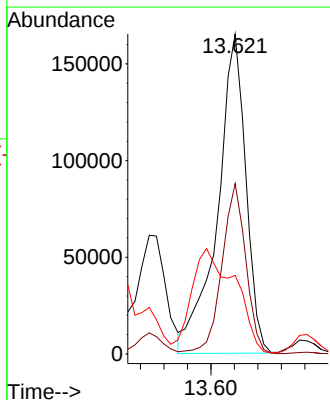
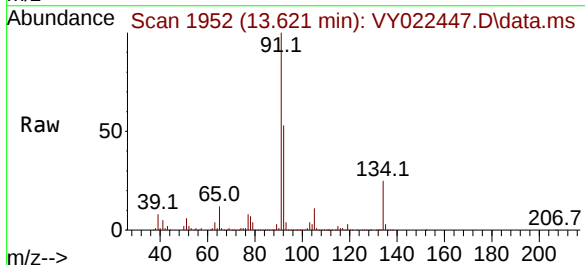
Instrument :
MSVOA_Y
ClientSampleId :
OR-646-VOC-52

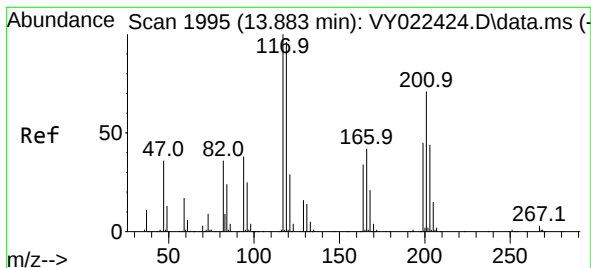
Tgt Ion:119 Resp: 17500
Ion Ratio Lower Upper
119 100
134 26.7 13.0 39.0
91 23.9 11.6 34.8



#89
n-Butylbenzene
Concen: 26.176 ug/l
RT: 13.621 min Scan# 1952
Delta R.T. 0.006 min
Lab File: VY022447.D
Acq: 28 May 2025 13:28

Tgt Ion: 91 Resp: 276153
Ion Ratio Lower Upper
91 100
92 45.0 25.9 77.6
134 0.0 12.4 37.0#





#90

Hexachloroethane

Concen: 39.730 ug/l

RT: 13.895 min Scan# 1995

Delta R.T. 0.012 min

Lab File: VY022447.D

Acq: 28 May 2025 13:28

Instrument :

MSVOA_Y

ClientSampleId :

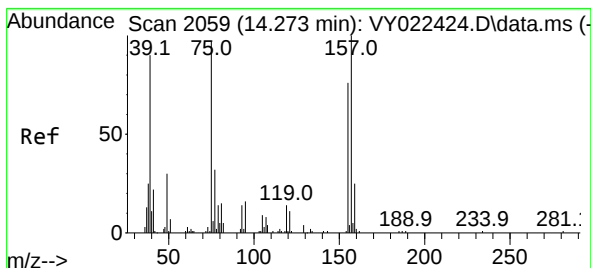
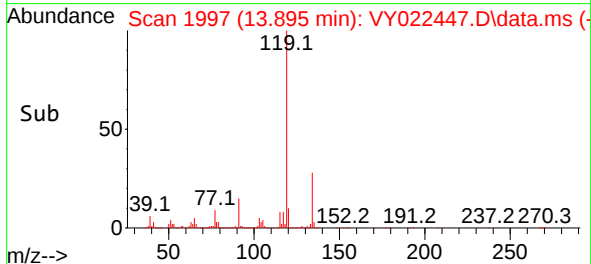
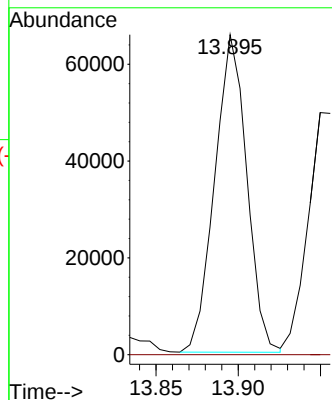
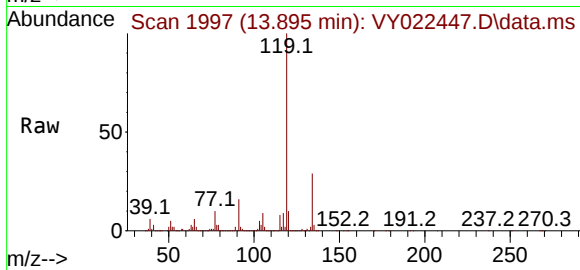
OR-646-VOC-52

Tgt Ion:117 Resp: 88960

Ion Ratio Lower Upper

117 100

201 0.0 35.0 105.0#



#92

1,2-Dibromo-3-Chloropropane

Concen: 3.169 ug/l

RT: 14.255 min Scan# 2056

Delta R.T. -0.018 min

Lab File: VY022447.D

Acq: 28 May 2025 13:28

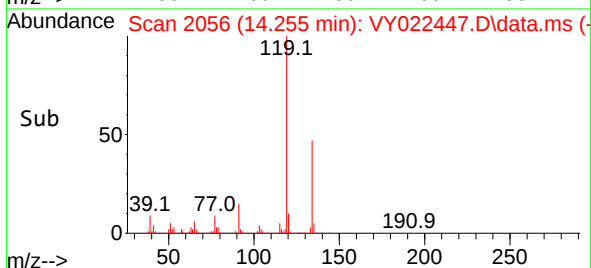
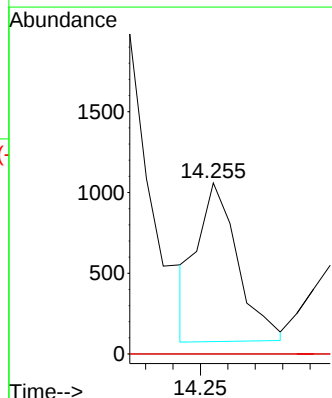
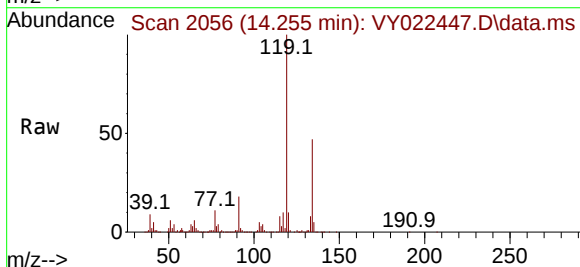
Tgt Ion: 75 Resp: 993

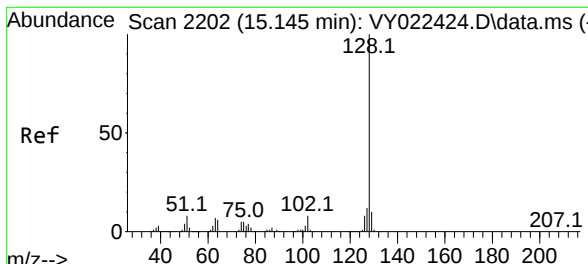
Ion Ratio Lower Upper

75 100

155 0.0 42.3 126.8#

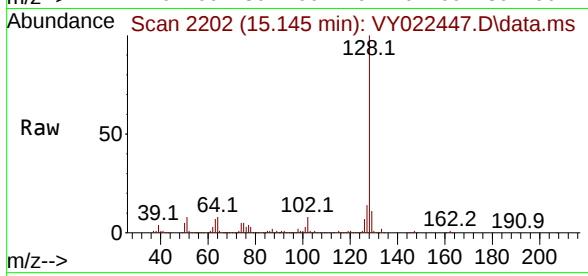
157 0.0 54.4 163.3#





#95
 Naphthalene
 Concen: 41.918 ug/l
 RT: 15.145 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VY022447.D
 Acq: 28 May 2025 13:28

Instrument :
 MSVOA_Y
 ClientSampleId :
 OR-646-VOC-52



Tgt Ion:	128	Resp:	199971
Ion	Ratio	Lower	Upper
128	100		
127	13.9	10.2	15.4
129	11.2	8.5	12.7

