

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102722\
 Data File : VY011137.D
 Acq On : 27 Oct 2022 14:34
 Operator : KP/MD
 Sample : N5281-04RE
 Misc : 6.34g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-4RE

Quant Time: Oct 28 00:46:54 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y101722S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 18 01:42:42 2022
 Response via : Initial Calibration

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

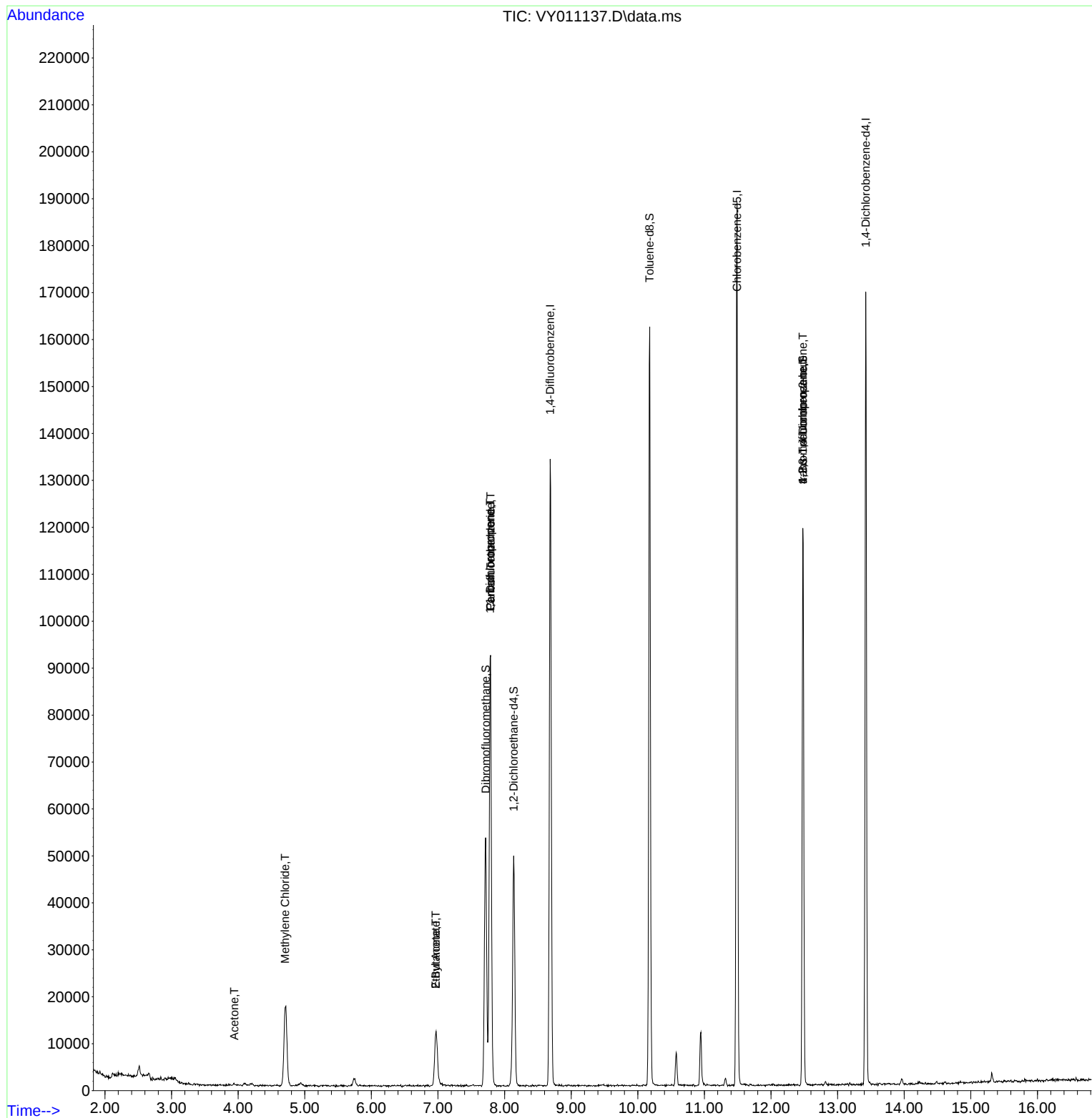
Internal Standards						
1) Pentafluorobenzene	7.789	168	72173	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	118429	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	106685	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	45290	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	36761	55.295	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	110.580%
35) Dibromofluoromethane	7.716	113	37467	57.059	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	114.120%
50) Toluene-d8	10.179	98	109583	44.315	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	88.640%
62) 4-Bromofluorobenzene	12.477	95	37903	42.831	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	85.660%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.942	59	677	Below Cal	#	77
16) Acetone	3.942	43	579	2.999	ug/l	95
18) Methyl Acetate	4.210	43	54	Below Cal	#	56
20) Methylene Chloride	4.704	84	13709	11.419	ug/l	# 83
25) 2-Butanone	6.966	43	889	3.036	ug/l	# 54
36) 1,1-Dichloropropene	7.783	75	5397	4.895	ug/l	# 50
37) Ethyl Acetate	6.966	43	889	1.456	ug/l	# 1
38) Carbon Tetrachloride	7.789	117	7210	6.335	ug/l	# 15
76) 1,2,3-Trichloropropane	12.477	75	18809	36.580	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.477	75	18809	78.674	ug/l	# 7

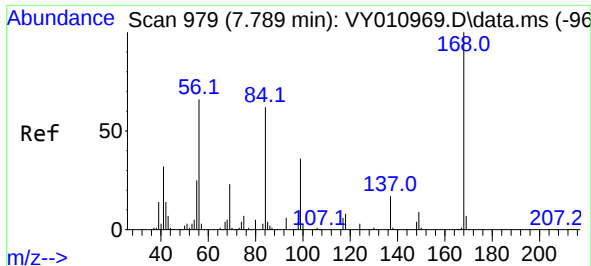
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Oct 18 01:42:42 2022
Response via : Initial Calibration

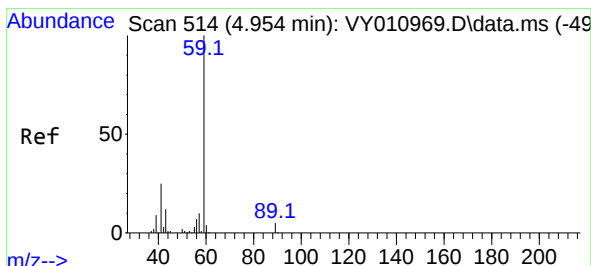
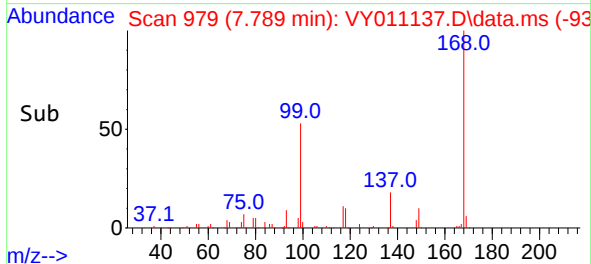
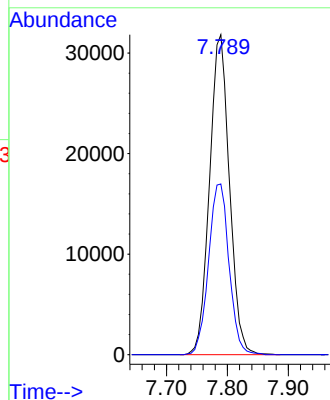
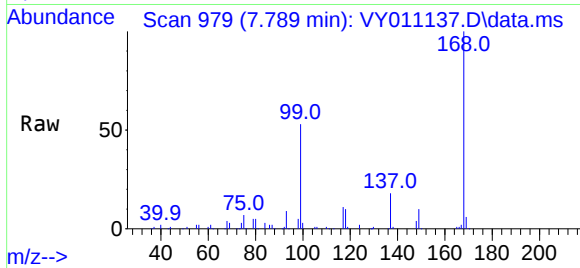




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY011137.D
Acq: 27 Oct 2022 14:34

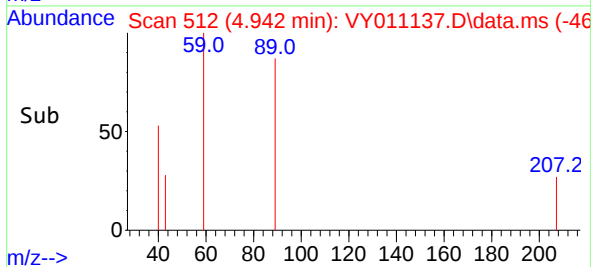
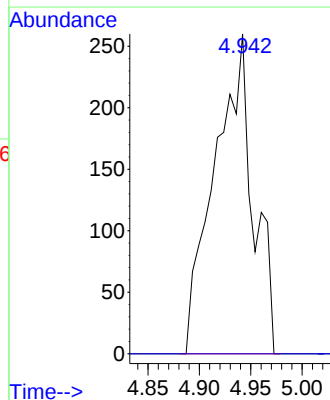
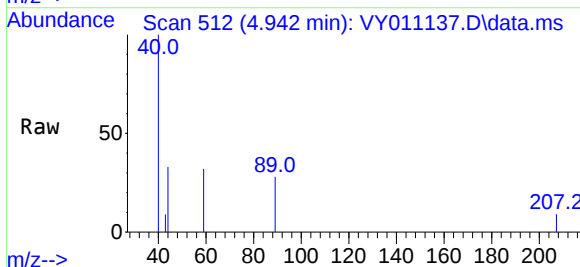
Instrument :
MSVOA_Y
ClientSampleId :
SB-4RE

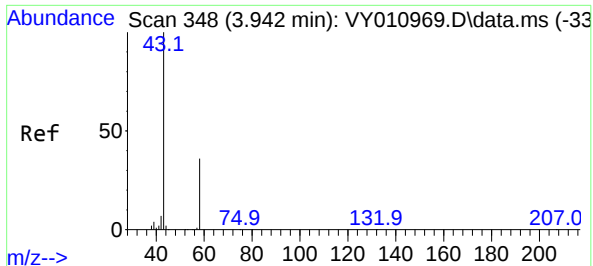
Tgt Ion:168 Resp: 72173
Ion Ratio Lower Upper
168 100
99 53.4 46.9 70.3



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.942 min Scan# 512
Delta R.T. -0.012 min
Lab File: VY011137.D
Acq: 27 Oct 2022 14:34

Tgt Ion: 59 Resp: 677
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#

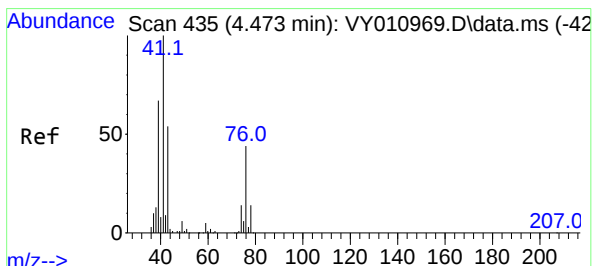
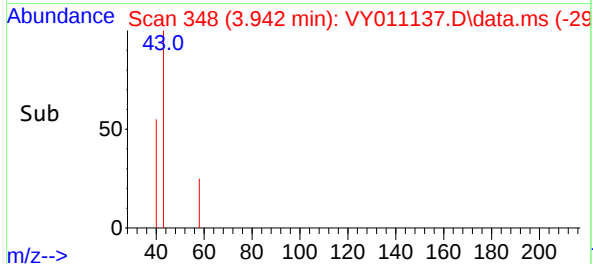
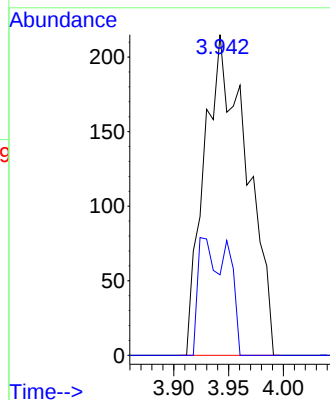
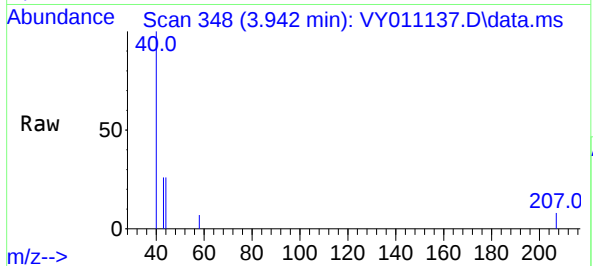




#16
Acetone
Concen: 2.999 ug/l
RT: 3.942 min Scan# 341
Delta R.T. 0.000 min
Lab File: VY011137.D
Acq: 27 Oct 2022 14:34

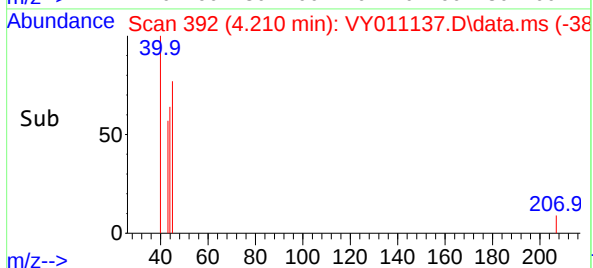
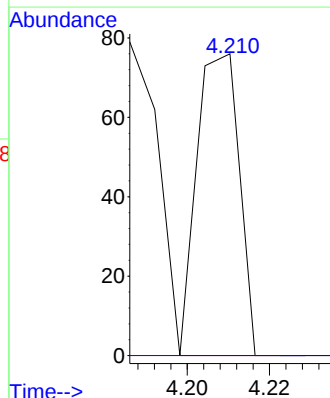
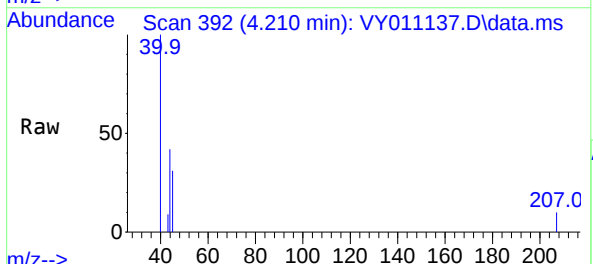
Instrument :
MSVOA_Y
ClientSampleId :
SB-4RE

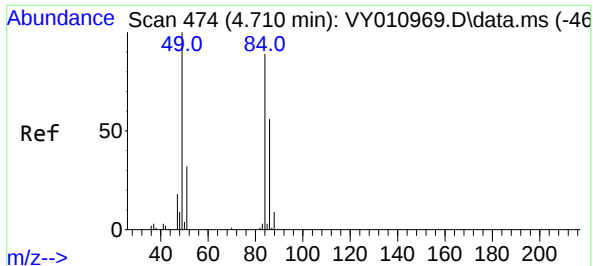
Tgt Ion: 43 Resp: 579
Ion Ratio Lower Upper
43 100
58 25.1 22.0 33.0



#18
Methyl Acetate
Concen: Below Cal
RT: 4.210 min Scan# 392
Delta R.T. -0.263 min
Lab File: VY011137.D
Acq: 27 Oct 2022 14:34

Tgt Ion: 43 Resp: 54
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#

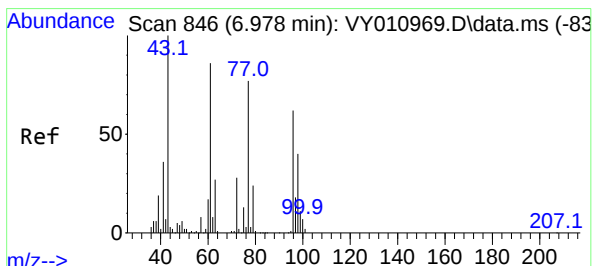
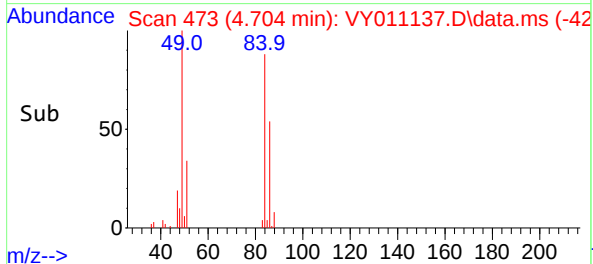
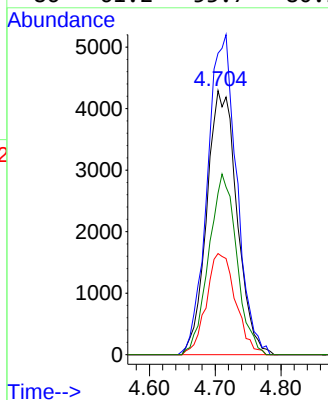
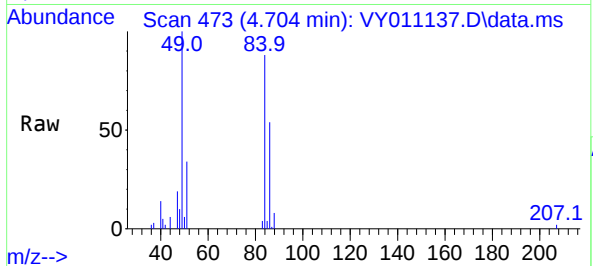




#20
Methylene Chloride
Concen: 11.419 ug/l
RT: 4.704 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY011137.D
Acq: 27 Oct 2022 14:34

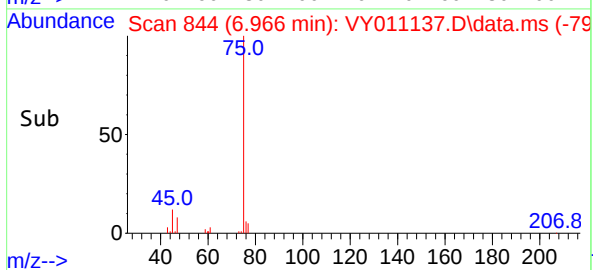
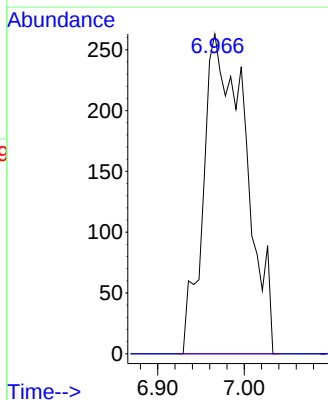
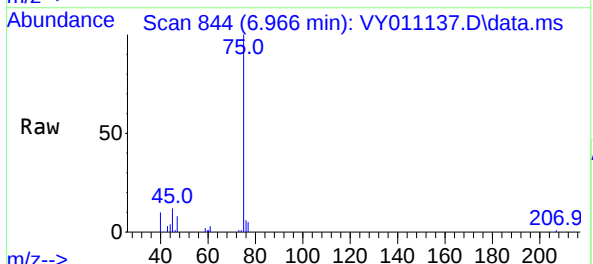
Instrument :
MSVOA_Y
ClientSampleId :
SB-4RE

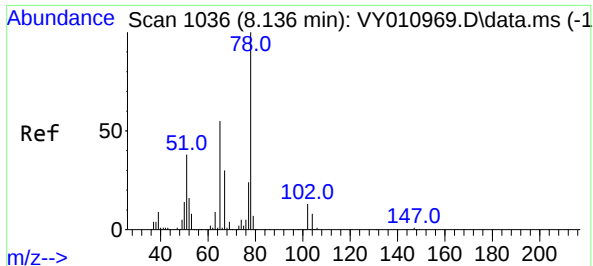
Tgt Ion: 84 Resp: 13709
Ion Ratio Lower Upper
84 100
49 114.1 114.4 171.6#
51 38.3 35.3 52.9
86 61.2 53.7 80.5



#25
2-Butanone
Concen: 3.036 ug/l
RT: 6.966 min Scan# 844
Delta R.T. -0.012 min
Lab File: VY011137.D
Acq: 27 Oct 2022 14:34

Tgt Ion: 43 Resp: 889
Ion Ratio Lower Upper
43 100
72 0.0 17.7 26.5#





#33

1,2-Dichloroethane-d4

Concen: 55.295 ug/l

RT: 8.137 min Scan# 1036

Delta R.T. 0.001 min

Lab File: VY011137.D

Acq: 27 Oct 2022 14:34

Instrument :

MSVOA_Y

ClientSampleId :

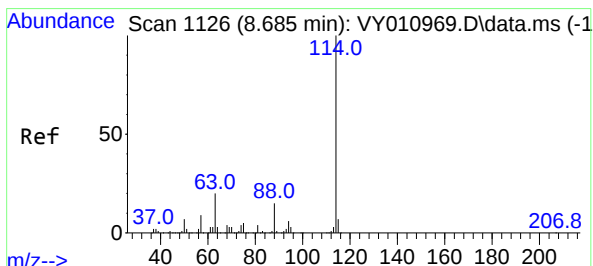
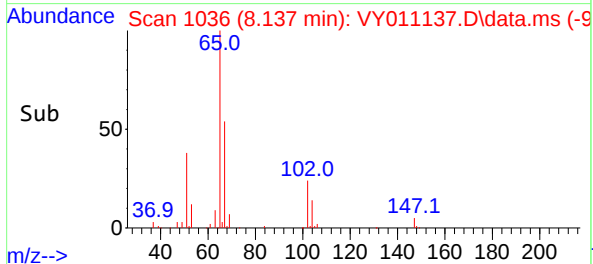
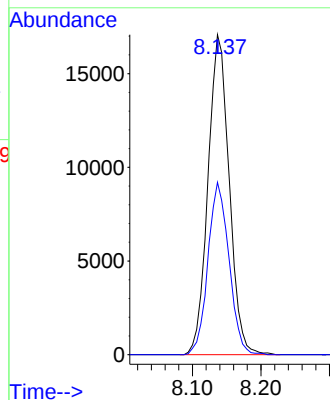
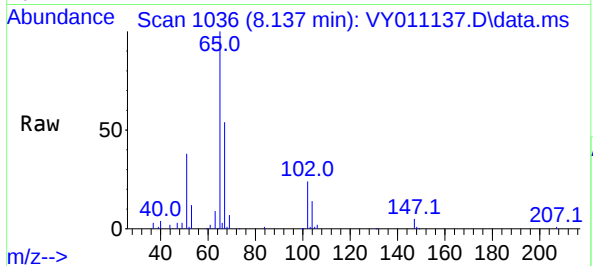
SB-4RE

Tgt Ion: 65 Resp: 36761

Ion Ratio Lower Upper

65 100

67 53.4 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY011137.D

Acq: 27 Oct 2022 14:34

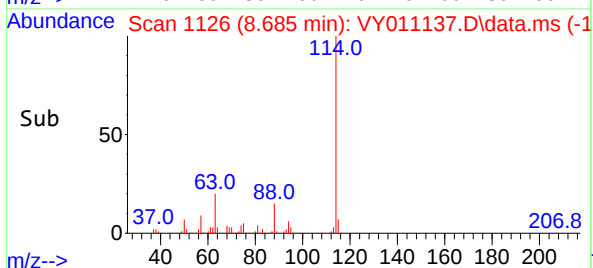
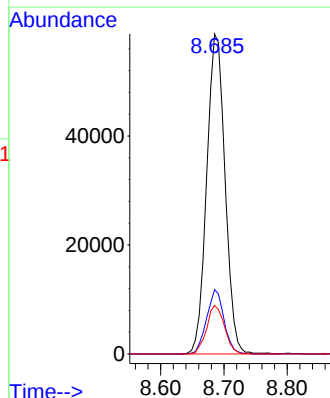
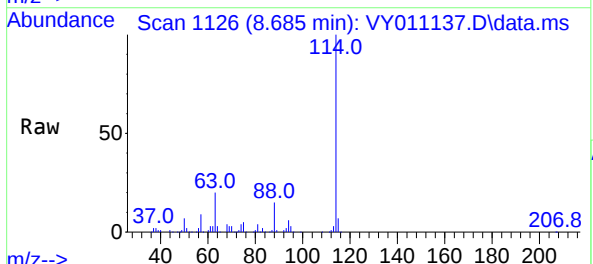
Tgt Ion:114 Resp: 118429

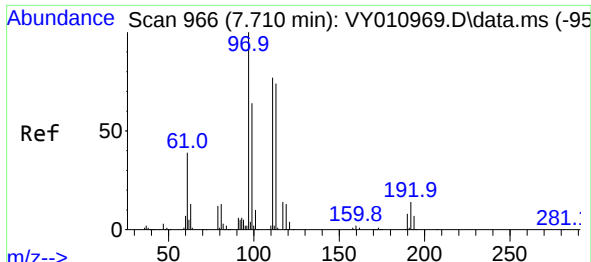
Ion Ratio Lower Upper

114 100

63 20.1 0.0 43.2

88 15.2 0.0 31.8

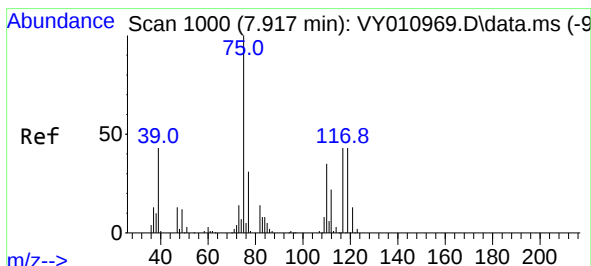
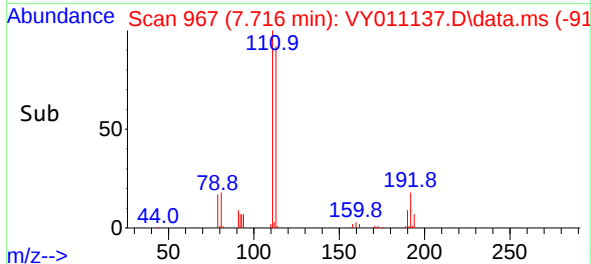
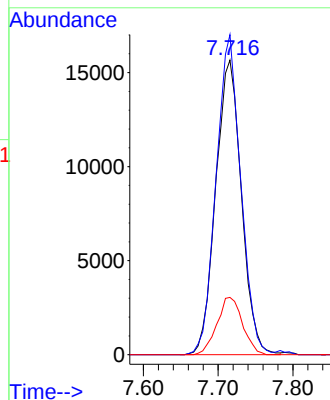
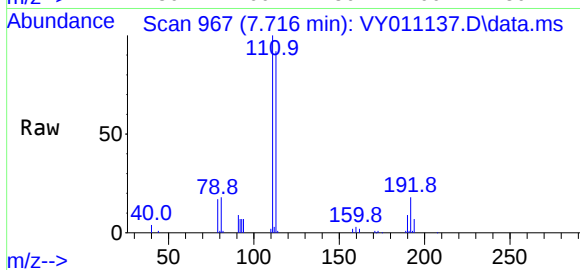




#35
Dibromofluoromethane
Concen: 57.059 ug/l
RT: 7.716 min Scan# 90
Delta R.T. 0.006 min
Lab File: VY011137.D
Acq: 27 Oct 2022 14:34

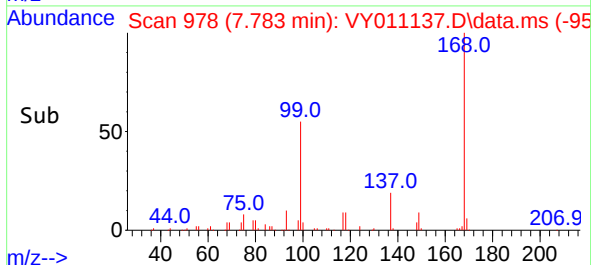
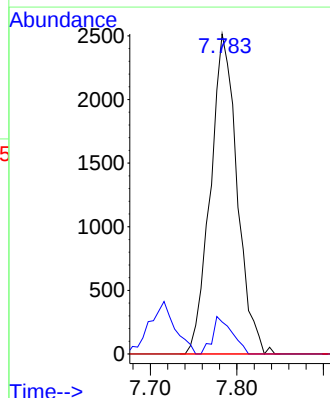
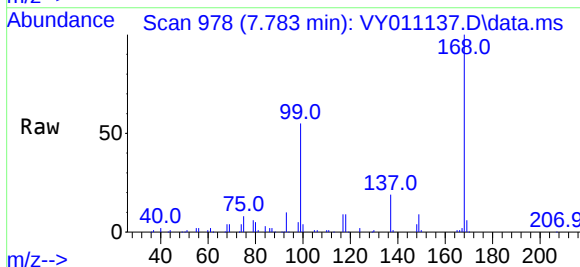
Instrument :
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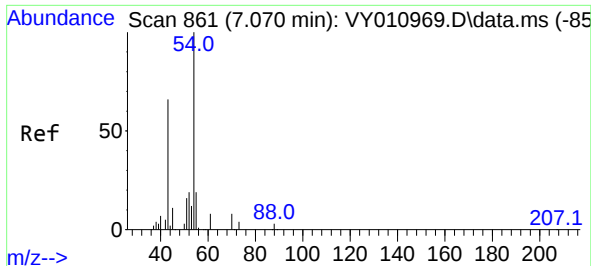
Tgt Ion:113 Resp: 37467
Ion Ratio Lower Upper
113 100
111 104.2 82.6 124.0
192 19.3 17.6 26.4



#36
1,1-Dichloropropene
Concen: 4.895 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.134 min
Lab File: VY011137.D
Acq: 27 Oct 2022 14:34

Tgt Ion: 75 Resp: 5397
Ion Ratio Lower Upper
75 100
110 8.5 17.1 51.2#
77 0.0 24.4 36.6#





#37

Ethyl Acetate

Concen: 1.456 ug/l

RT: 6.966 min Scan# 84

Delta R.T. -0.104 min

Lab File: VY011137.D

Acq: 27 Oct 2022 14:34

Instrument :

MSVOA_Y

ClientSampleId :

SB-4RE

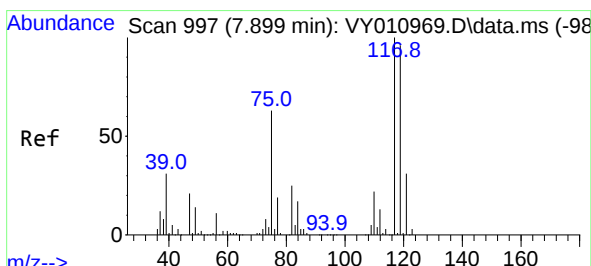
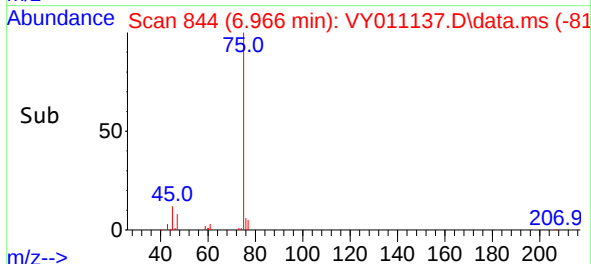
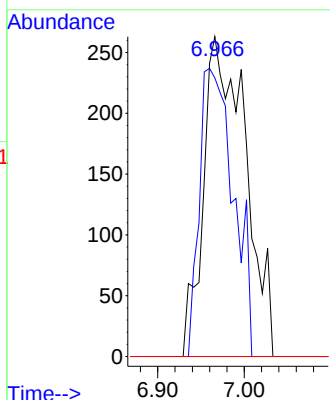
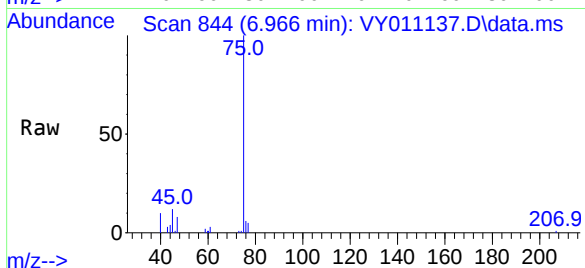
Tgt Ion: 43 Resp: 889

Ion Ratio Lower Upper

43 100

61 72.8 9.7 14.5#

70 0.0 7.1 10.7#



#38

Carbon Tetrachloride

Concen: 6.335 ug/l

RT: 7.789 min Scan# 979

Delta R.T. -0.110 min

Lab File: VY011137.D

Acq: 27 Oct 2022 14:34

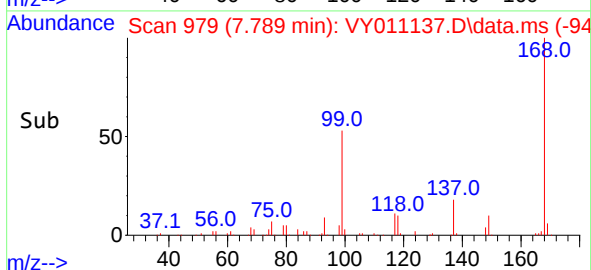
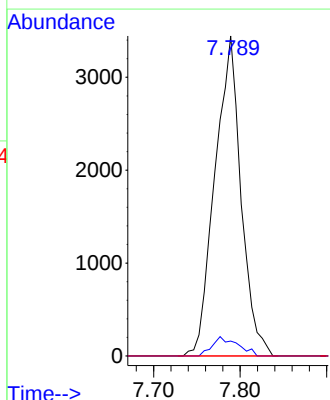
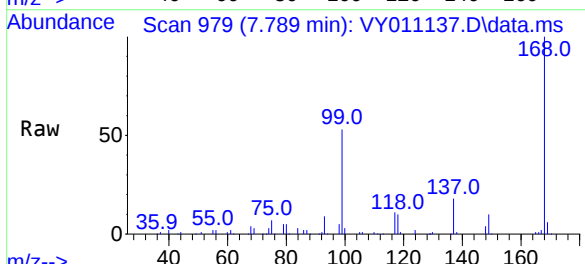
Tgt Ion: 117 Resp: 7210

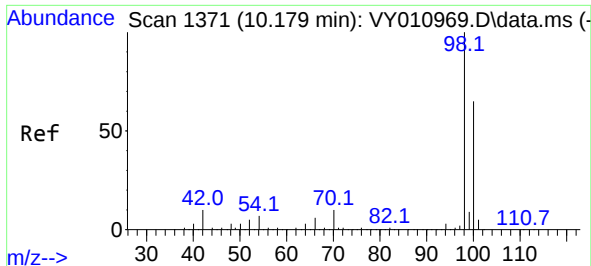
Ion Ratio Lower Upper

117 100

119 4.7 77.9 116.9#

121 0.0 24.8 37.2#

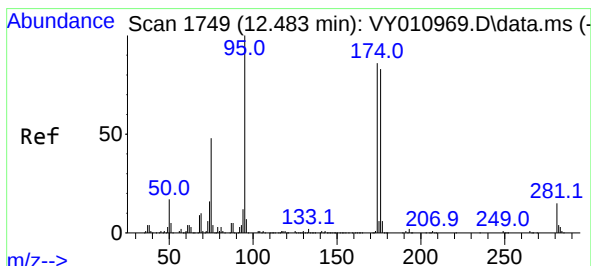
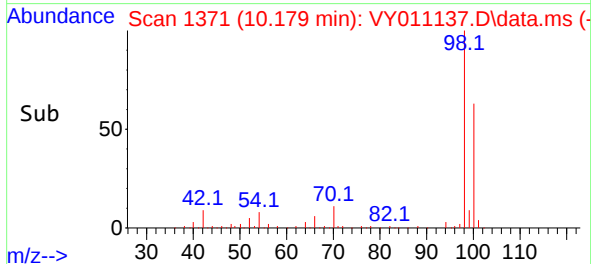
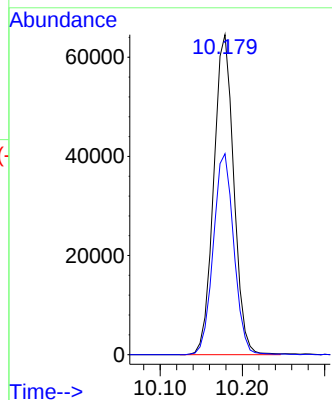
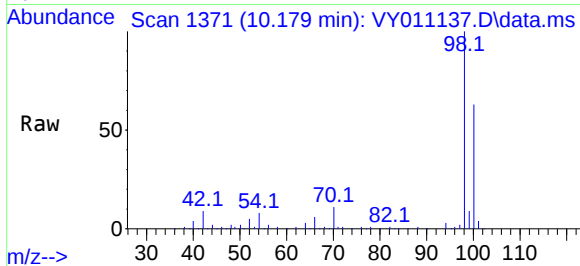




#50
Toluene-d8
Concen: 44.315 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY011137.D
Acq: 27 Oct 2022 14:34

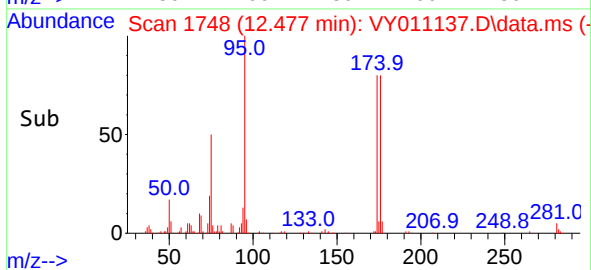
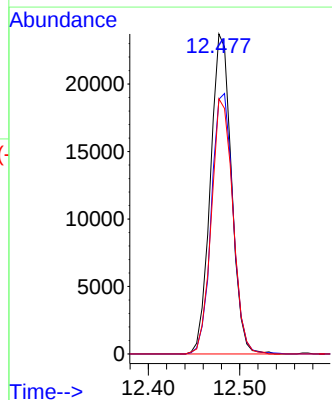
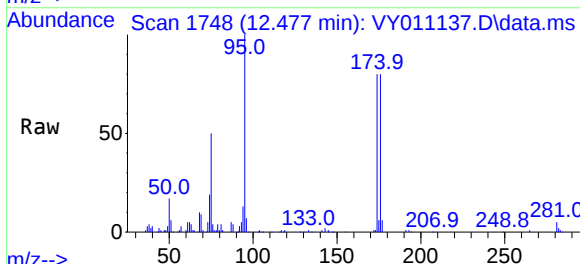
Instrument :
MSVOA_Y
ClientSampleId :
SB-4RE

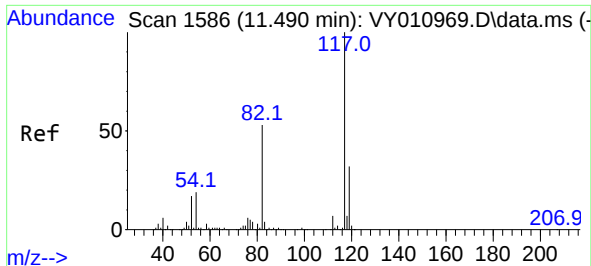
Tgt Ion: 98 Resp: 109583
Ion Ratio Lower Upper
98 100
100 64.5 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 42.831 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY011137.D
Acq: 27 Oct 2022 14:34

Tgt Ion: 95 Resp: 37903
Ion Ratio Lower Upper
95 100
174 83.3 0.0 177.0
176 81.1 0.0 175.8

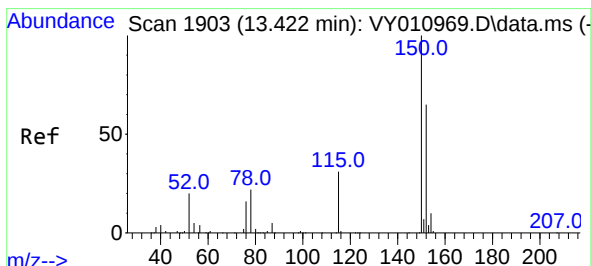
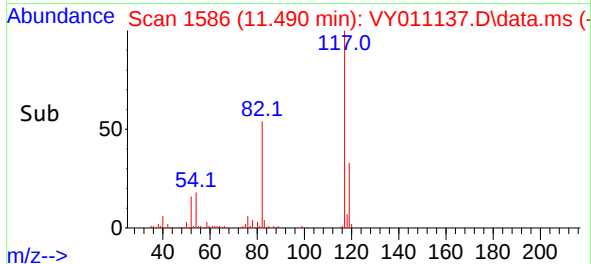
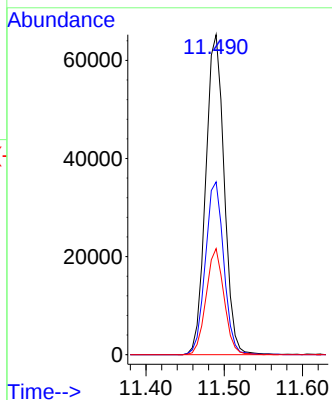
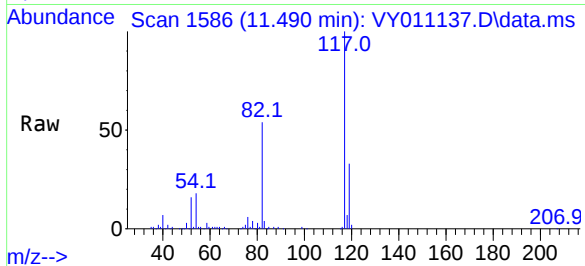




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY011137.D
Acq: 27 Oct 2022 14:34

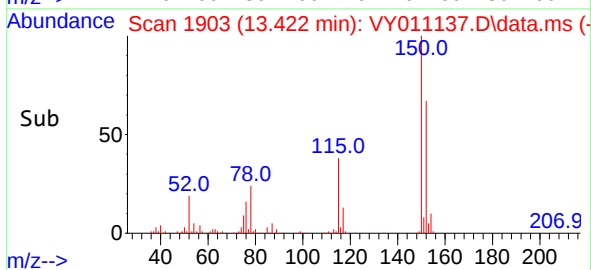
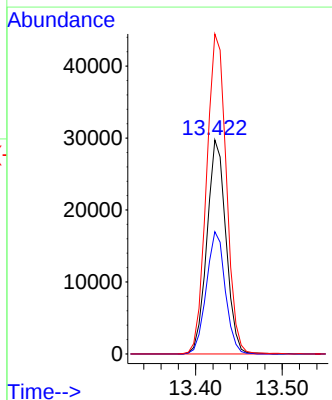
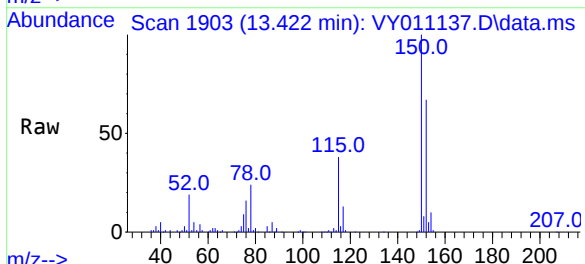
Instrument :
MSVOA_Y
ClientSampleId :
SB-4RE

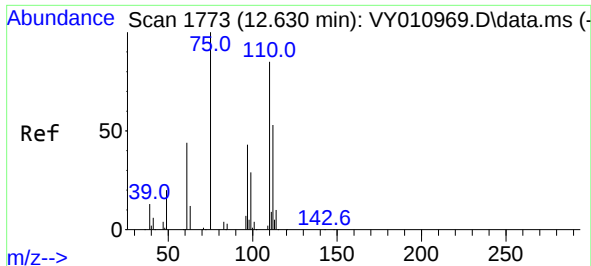
Tgt Ion:117 Resp: 106685
Ion Ratio Lower Upper
117 100
82 54.0 43.0 64.4
119 33.2 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY011137.D
Acq: 27 Oct 2022 14:34

Tgt Ion:152 Resp: 45290
Ion Ratio Lower Upper
152 100
115 56.9 28.2 84.7
150 155.6 0.0 347.6

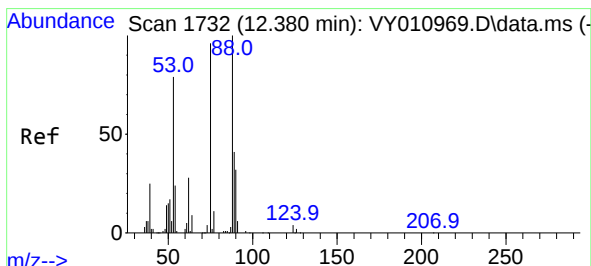
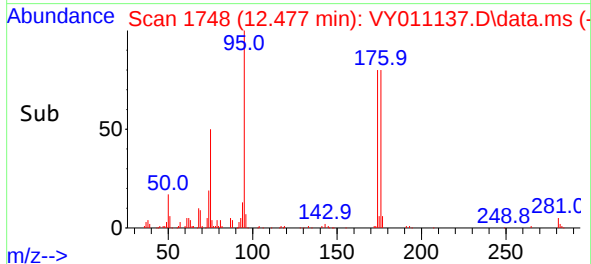
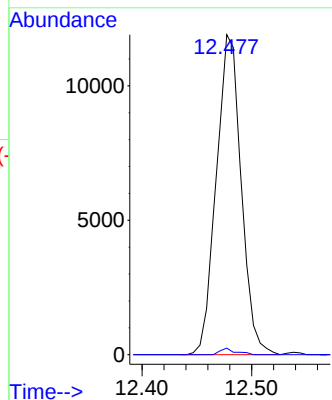
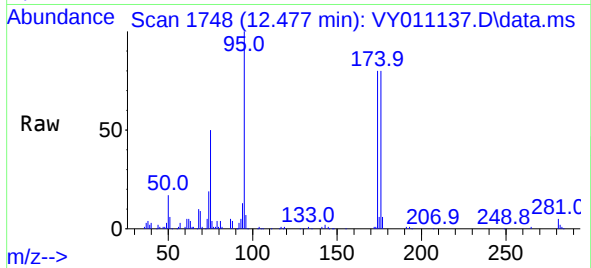




#76
1,2,3-Trichloropropane
Concen: 36.580 ug/l
RT: 12.477 min Scan# 1773
Delta R.T. -0.153 min
Lab File: VY011137.D
Acq: 27 Oct 2022 14:34

Instrument :
MSVOA_Y
ClientSampleId :
SB-4RE

Tgt Ion: 75 Resp: 18809
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 78.674 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.097 min
Lab File: VY011137.D
Acq: 27 Oct 2022 14:34

Tgt Ion: 75 Resp: 18809
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.1 37.0 55.4#

