

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102722\
 Data File : VY011135.D
 Acq On : 27 Oct 2022 13:49
 Operator : KP/MD
 Sample : N5281-07RE
 Misc : 4.34g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-7

Quant Time: Oct 28 00:46:37 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)

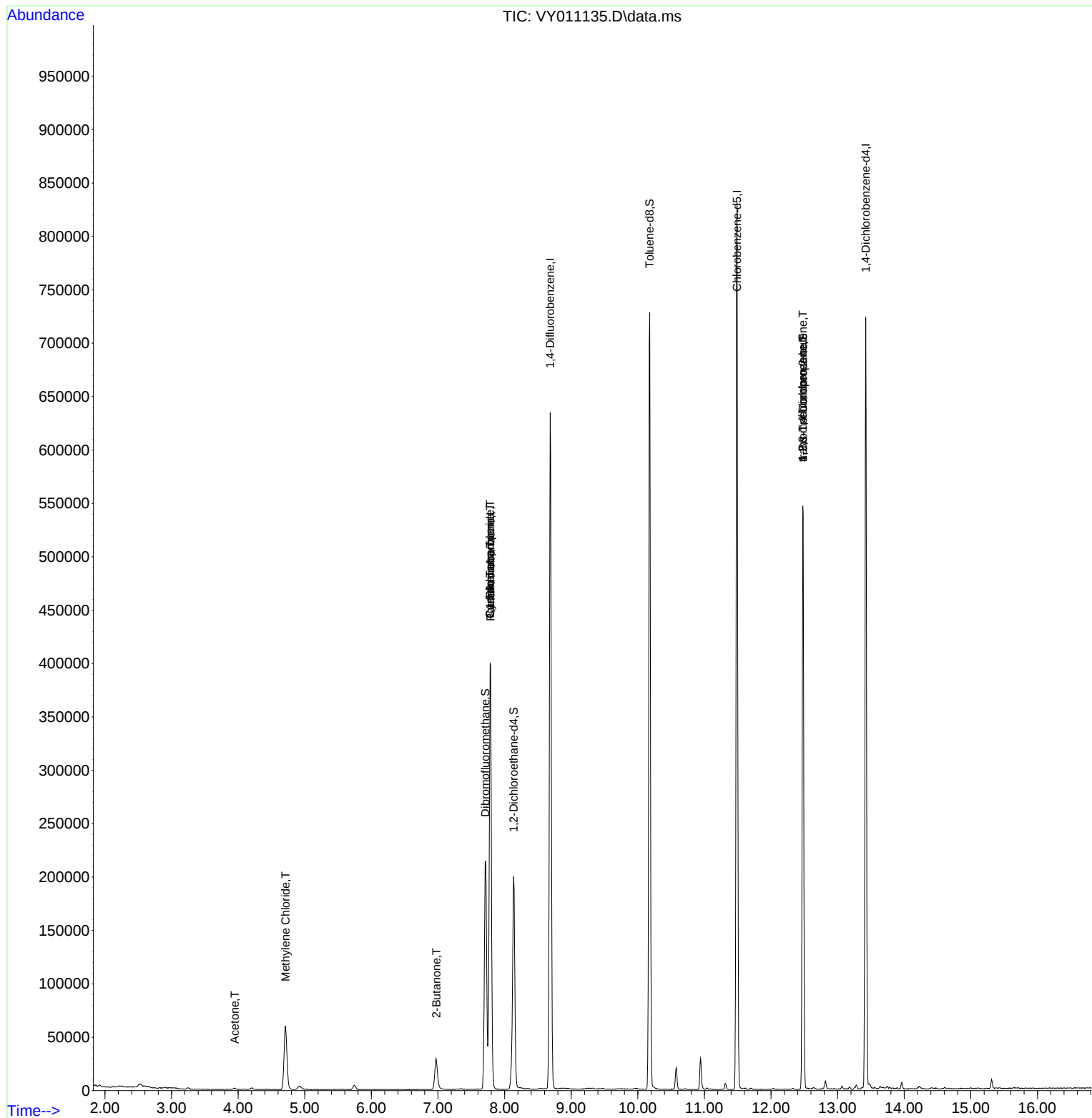
Internal Standards						
1) Pentafluorobenzene	7.789	168	310520	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	548438	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	466463	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	188062	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	144565	50.541	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 101.080%	
35) Dibromofluoromethane	7.710	113	158505	51.931	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 103.860%	
50) Toluene-d8	10.179	98	484434	42.304	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 84.600%	
62) 4-Bromofluorobenzene	12.477	95	169957	41.368	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 82.740%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.930	59	3723	Below Cal	#	77
16) Acetone	3.948	43	2328	2.803	ug/l	95
18) Methyl Acetate	4.698	43	61	Below Cal	#	56
20) Methylene Chloride	4.710	84	46077	7.339	ug/l	# 81
25) 2-Butanone	6.978	43	2333	1.852	ug/l	# 83
31) Cyclohexane	7.783	56	5832	1.065	ug/l	# 1
36) 1,1-Dichloropropene	7.783	75	24004	4.702	ug/l	# 50
38) Carbon Tetrachloride	7.783	117	30909	5.865	ug/l	# 16
76) 1,2,3-Trichloropropane	12.477	75	84228	39.449	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.477	75	84228	84.844	ug/l	# 7

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

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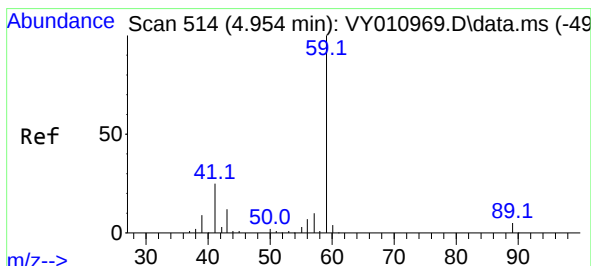
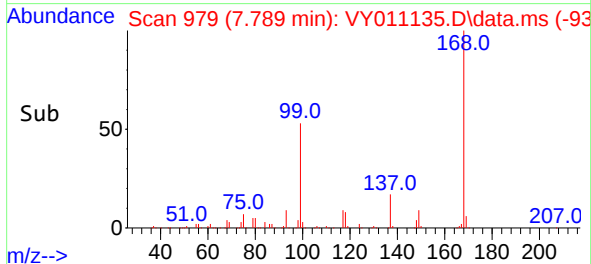
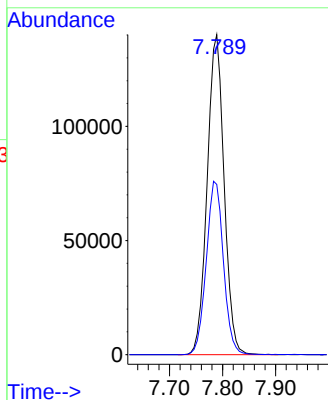
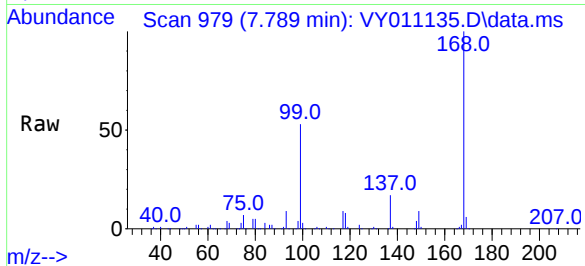




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011135.D
Acq: 27 Oct 2022 13:49

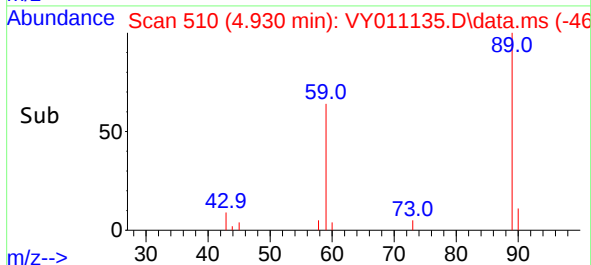
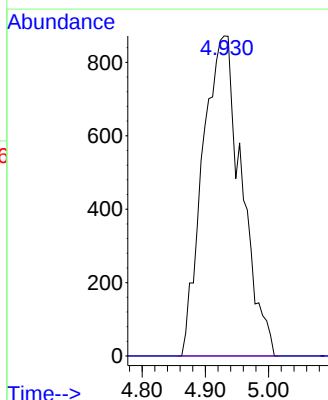
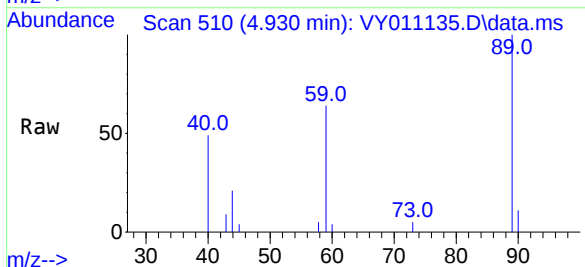
Instrument :
MSVOA_Y
ClientSampleId :
SB-7

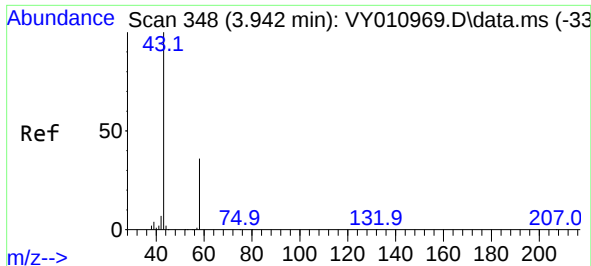
Tgt Ion:168 Resp: 310520
Ion Ratio Lower Upper
168 100
99 53.2 46.9 70.3



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.930 min Scan# 510
Delta R.T. -0.024 min
Lab File: VY011135.D
Acq: 27 Oct 2022 13:49

Tgt Ion: 59 Resp: 3723
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#

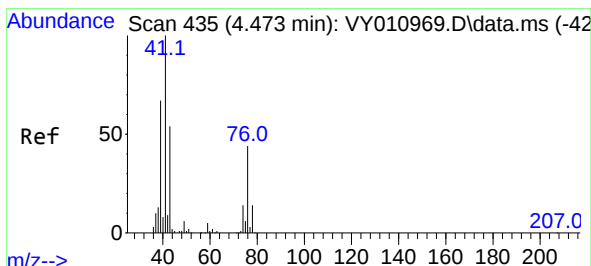
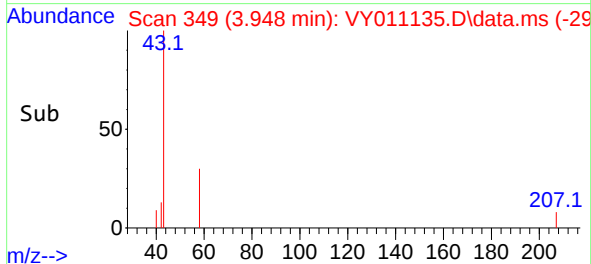
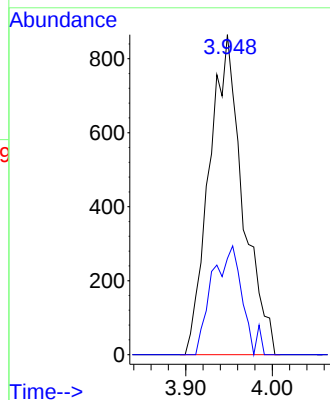
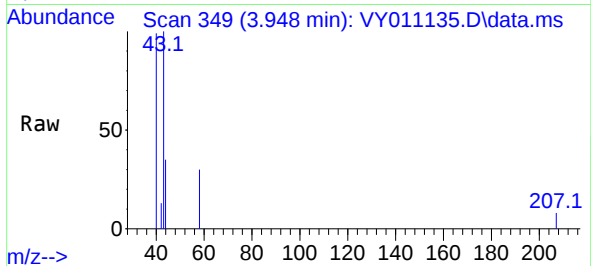




#16
Acetone
Concen: 2.803 ug/l
RT: 3.948 min Scan# 34
Delta R.T. 0.006 min
Lab File: VY011135.D
Acq: 27 Oct 2022 13:49

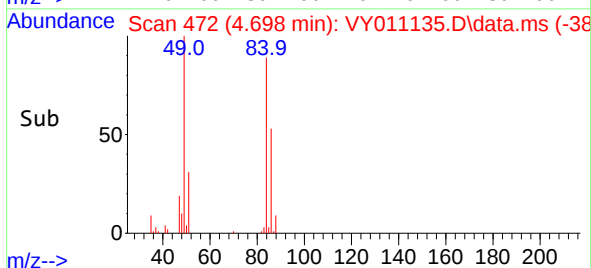
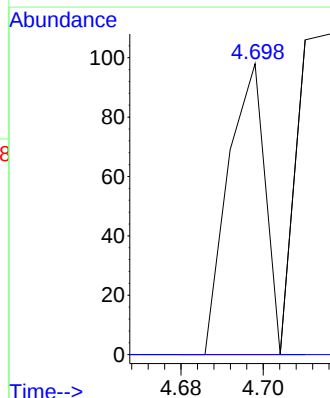
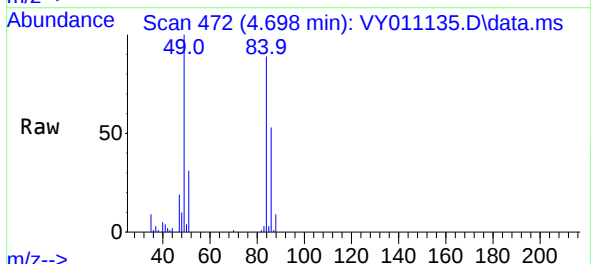
Instrument :
MSVOA_Y
ClientSampleId :
SB-7

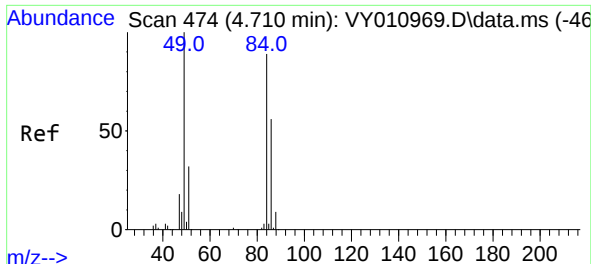
Tgt Ion: 43 Resp: 2328
Ion Ratio Lower Upper
43 100
58 30.1 22.0 33.0



#18
Methyl Acetate
Concen: Below Cal
RT: 4.698 min Scan# 472
Delta R.T. 0.225 min
Lab File: VY011135.D
Acq: 27 Oct 2022 13:49

Tgt Ion: 43 Resp: 61
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#



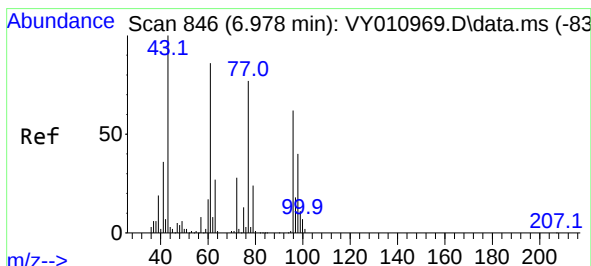
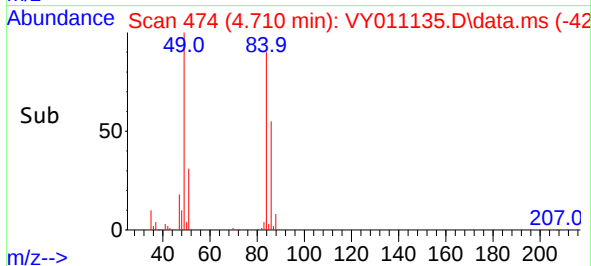
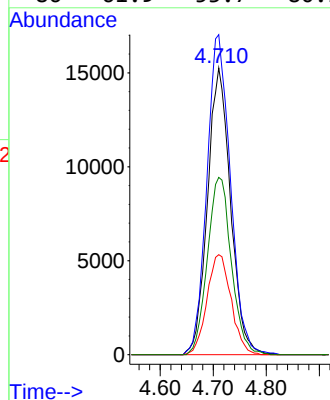
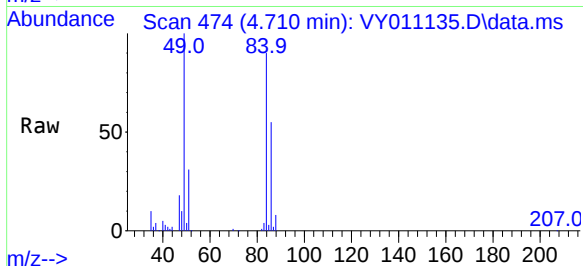


#20
Methylene Chloride
Concen: 7.339 ug/l
RT: 4.710 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY011135.D
Acq: 27 Oct 2022 13:49

Instrument :
MSVOA_Y
ClientSampleId :
SB-7

Tgt Ion: 84 Resp: 46077

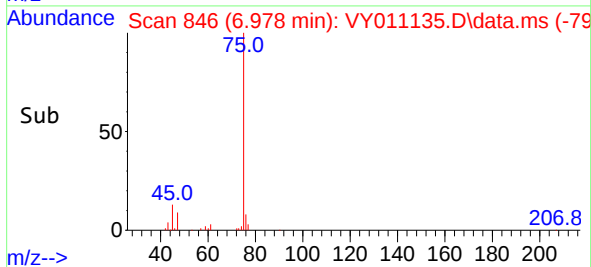
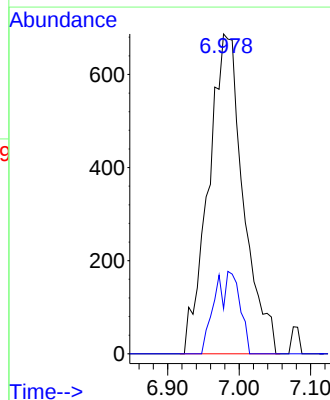
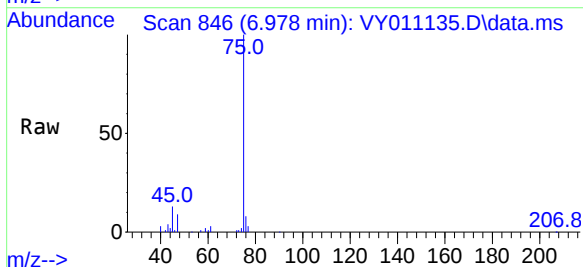
Ion	Ratio	Lower	Upper
84	100		
49	111.6	114.4	171.6#
51	34.9	35.3	52.9#
86	61.9	53.7	80.5

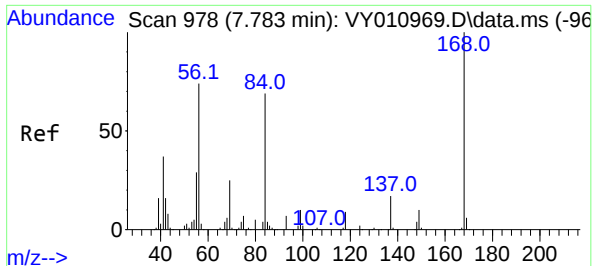


#25
2-Butanone
Concen: 1.852 ug/l
RT: 6.978 min Scan# 846
Delta R.T. 0.000 min
Lab File: VY011135.D
Acq: 27 Oct 2022 13:49

Tgt Ion: 43 Resp: 2333

Ion	Ratio	Lower	Upper
43	100		
72	14.1	17.7	26.5#

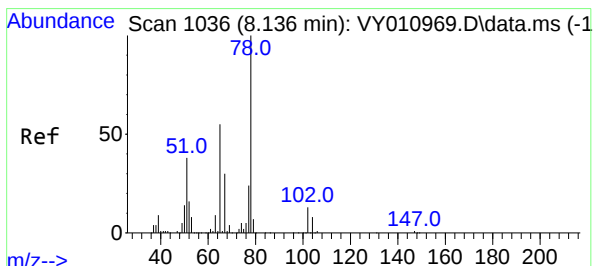
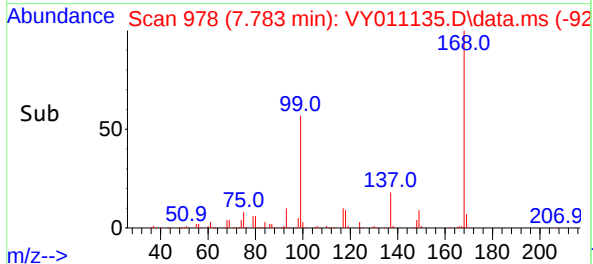
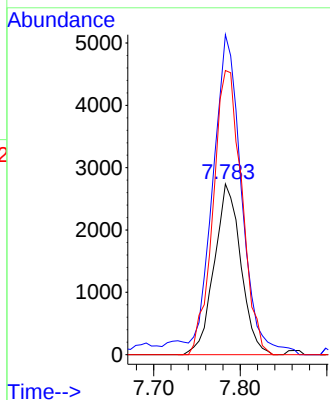
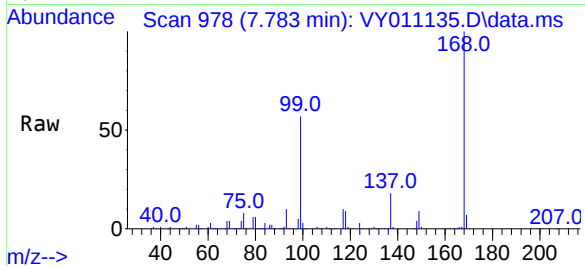




#31
Cyclohexane
Concen: 1.065 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011135.D
Acq: 27 Oct 2022 13:49

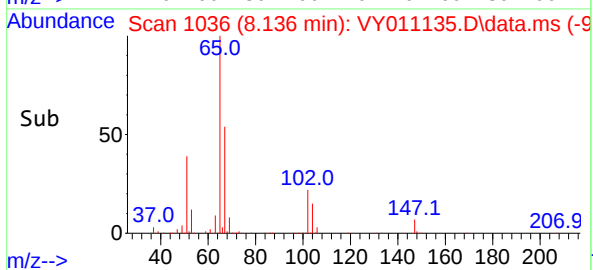
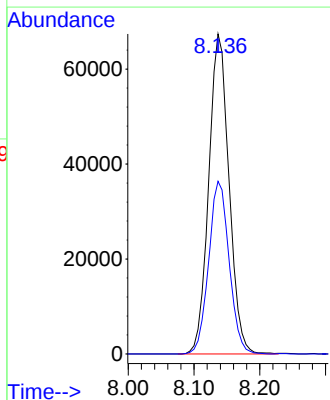
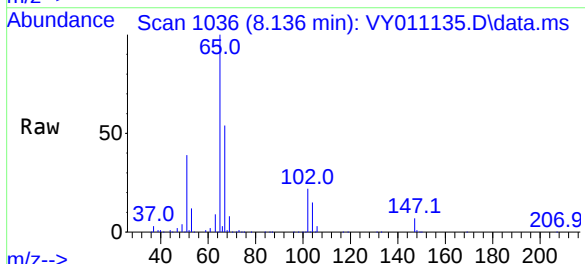
Instrument :
MSVOA_Y
ClientSampleId :
SB-7

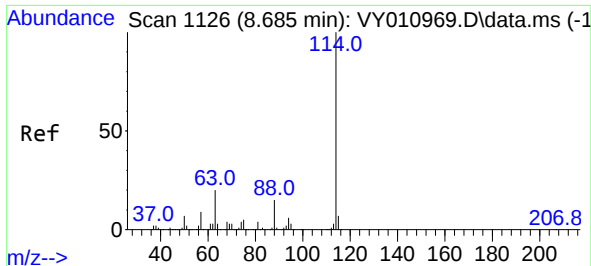
Tgt Ion: 56 Resp: 5832
Ion Ratio Lower Upper
56 100
69 182.8 26.7 40.1#
84 166.4 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 50.541 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY011135.D
Acq: 27 Oct 2022 13:49

Tgt Ion: 65 Resp: 144565
Ion Ratio Lower Upper
65 100
67 54.5 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: VY011135.D

Acq: 27 Oct 2022 13:49

Instrument :

MSVOA_Y

ClientSampleId :

SB-7

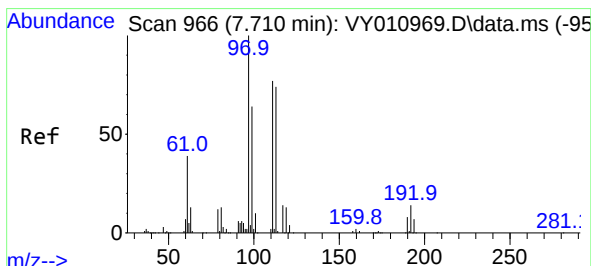
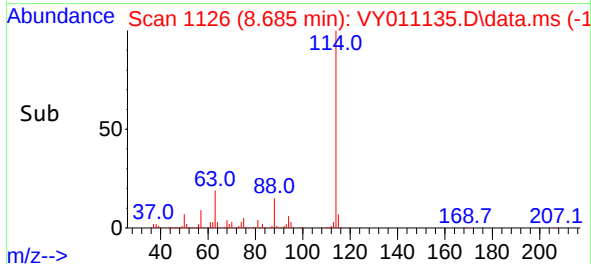
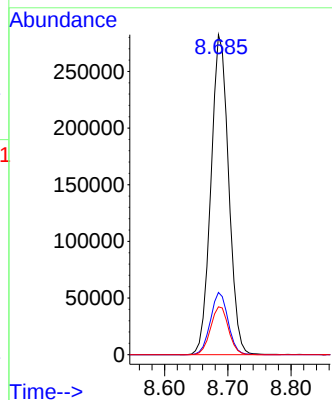
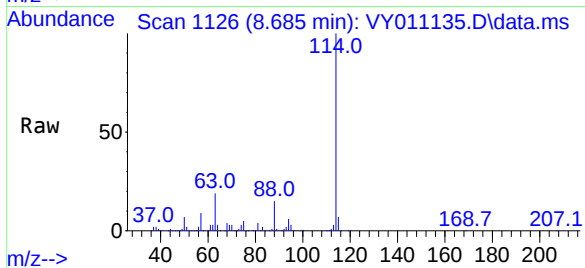
Tgt Ion:114 Resp: 548438

Ion Ratio Lower Upper

114 100

63 19.5 0.0 43.2

88 15.0 0.0 31.8



#35

Dibromofluoromethane

Concen: 51.931 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.000 min

Lab File: VY011135.D

Acq: 27 Oct 2022 13:49

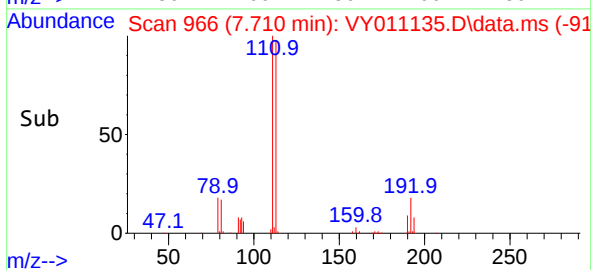
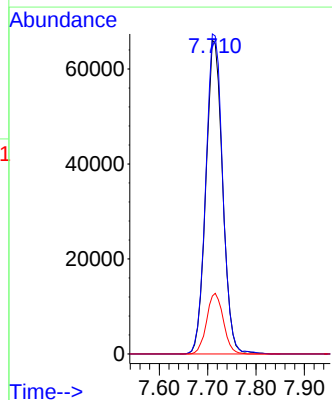
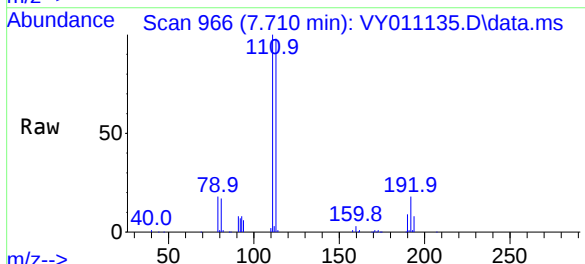
Tgt Ion:113 Resp: 158505

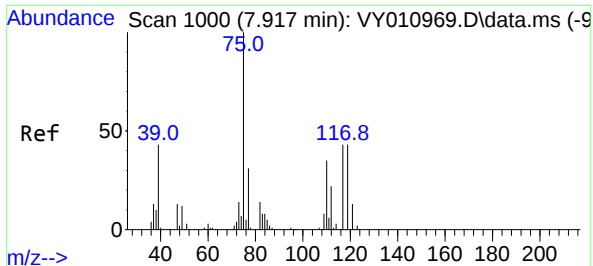
Ion Ratio Lower Upper

113 100

111 103.2 82.6 124.0

192 19.4 17.6 26.4

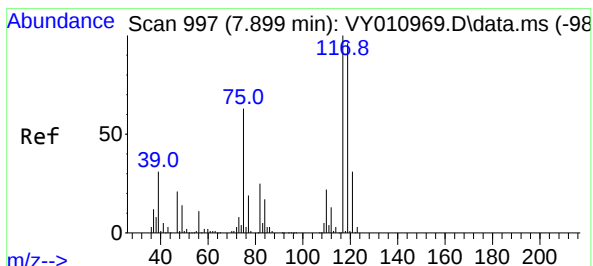
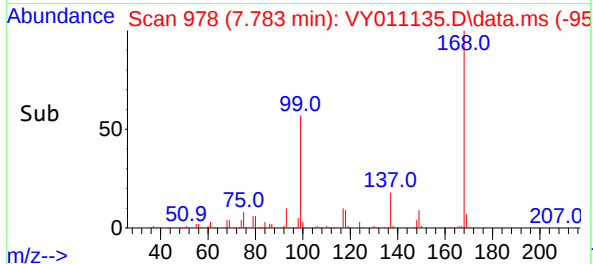
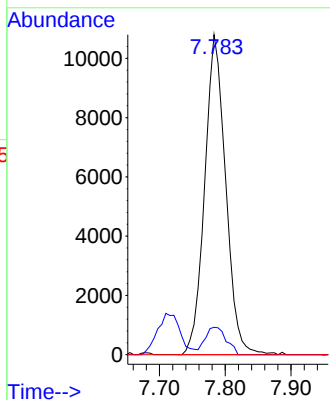
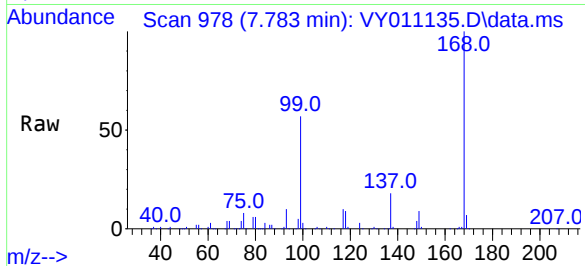




#36
1,1-Dichloropropene
Concen: 4.702 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.134 min
Lab File: VY011135.D
Acq: 27 Oct 2022 13:49

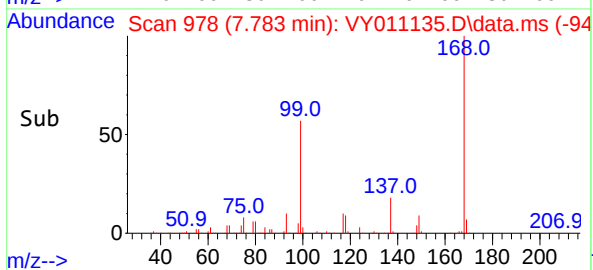
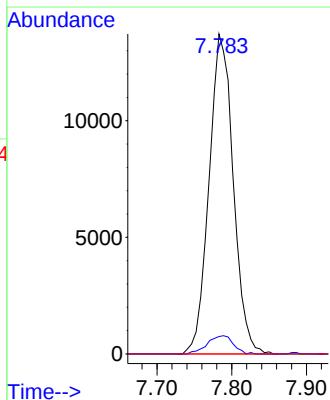
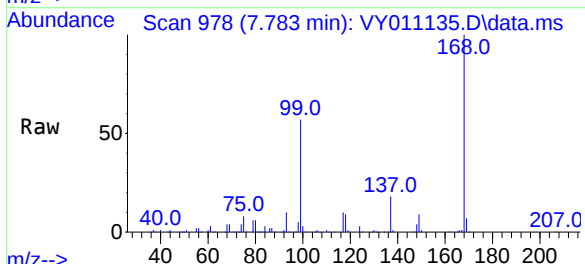
Instrument :
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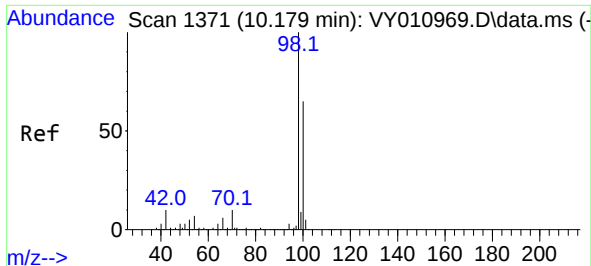
Tgt Ion: 75 Resp: 24004
Ion Ratio Lower Upper
75 100
110 8.5 17.1 51.2#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 5.865 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.116 min
Lab File: VY011135.D
Acq: 27 Oct 2022 13:49

Tgt Ion: 117 Resp: 30909
Ion Ratio Lower Upper
117 100
119 5.5 77.9 116.9#
121 0.0 24.8 37.2#

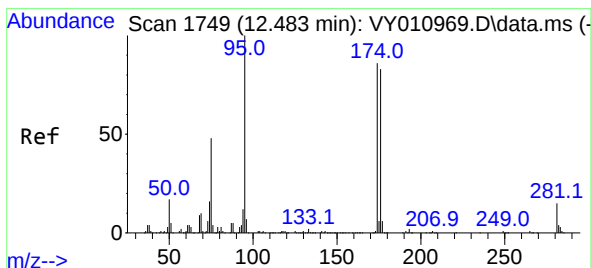
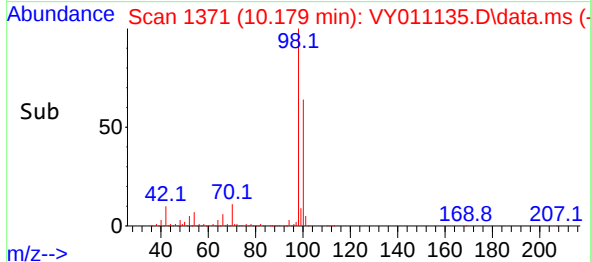
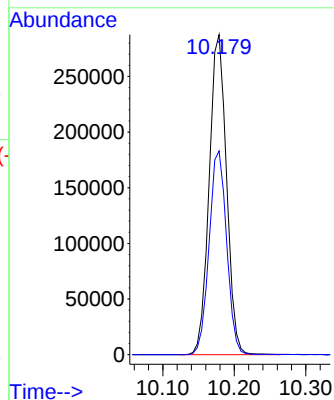
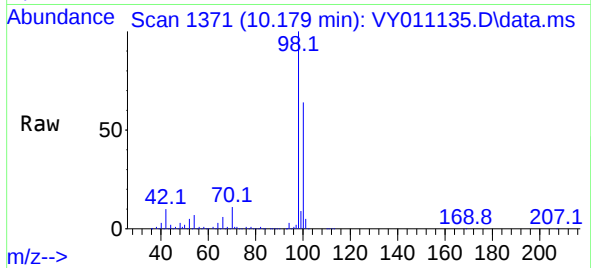




#50
Toluene-d8
Concen: 42.304 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY011135.D
Acq: 27 Oct 2022 13:49

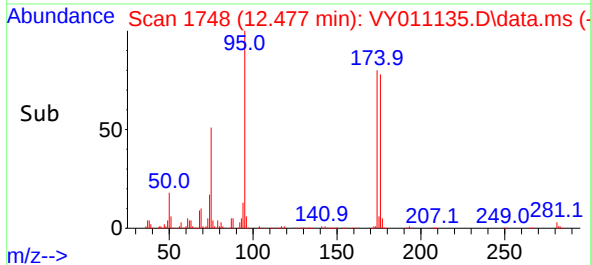
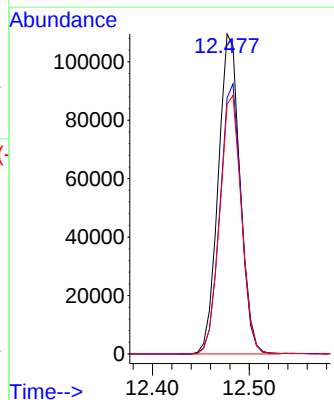
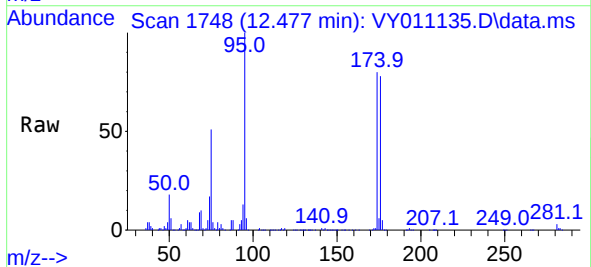
Instrument :
MSVOA_Y
ClientSampleId :
SB-7

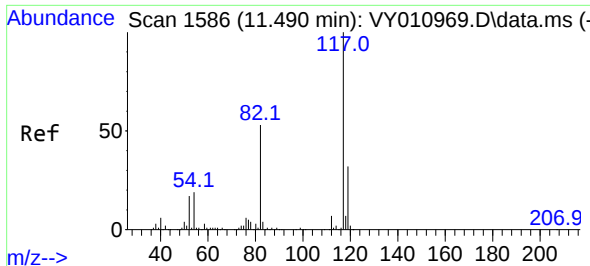
Tgt Ion: 98 Resp: 484434
Ion Ratio Lower Upper
98 100
100 64.3 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 41.368 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY011135.D
Acq: 27 Oct 2022 13:49

Tgt Ion: 95 Resp: 169957
Ion Ratio Lower Upper
95 100
174 84.1 0.0 177.0
176 81.1 0.0 175.8

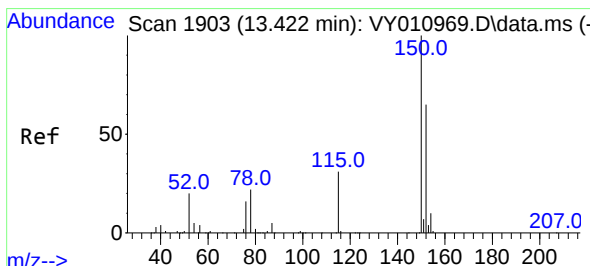
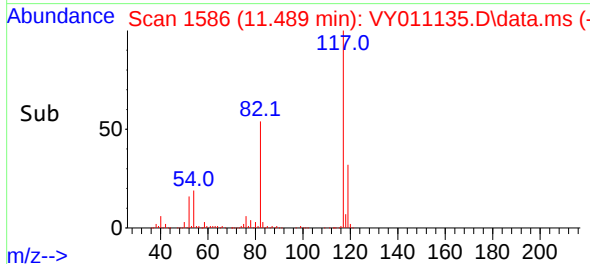
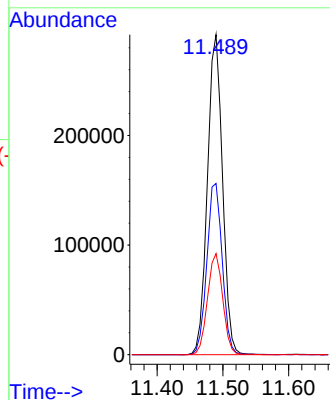
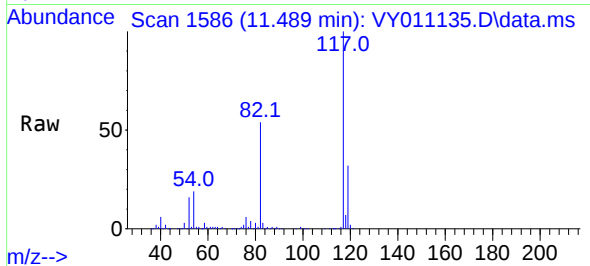




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY011135.D
Acq: 27 Oct 2022 13:49

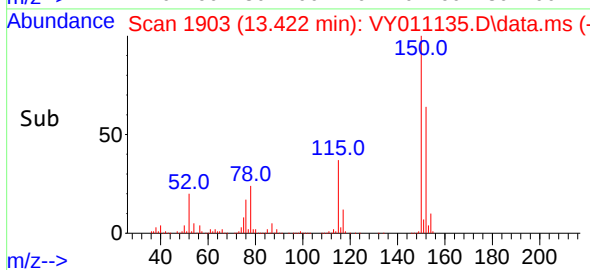
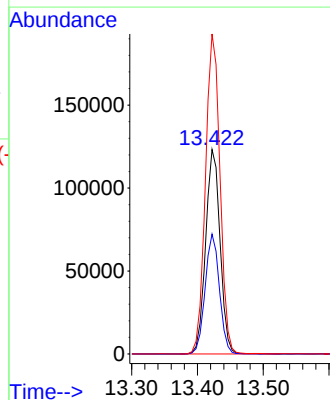
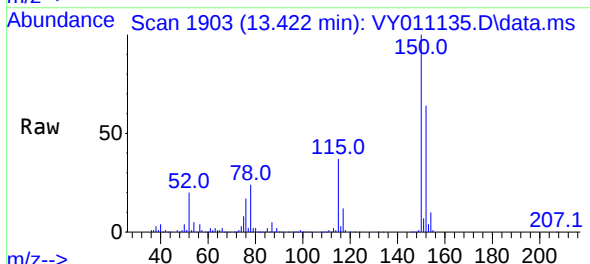
Instrument :
MSVOA_Y
ClientSampleId :
SB-7

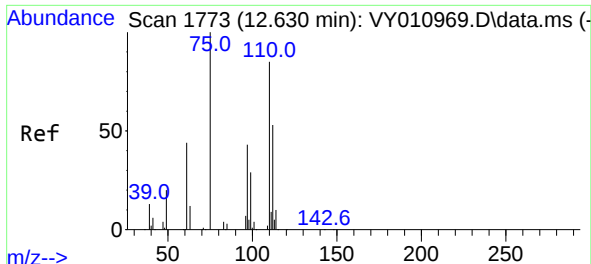
Tgt Ion:117 Resp: 466463
Ion Ratio Lower Upper
117 100
82 53.5 43.0 64.4
119 31.6 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY011135.D
Acq: 27 Oct 2022 13:49

Tgt Ion:152 Resp: 188062
Ion Ratio Lower Upper
152 100
115 58.0 28.2 84.7
150 157.5 0.0 347.6

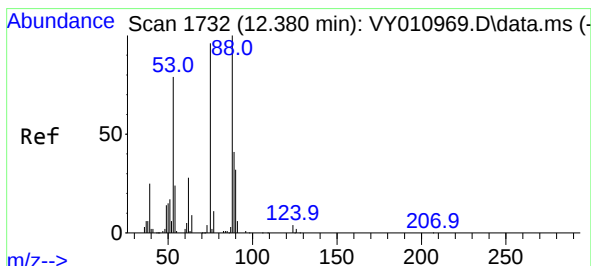
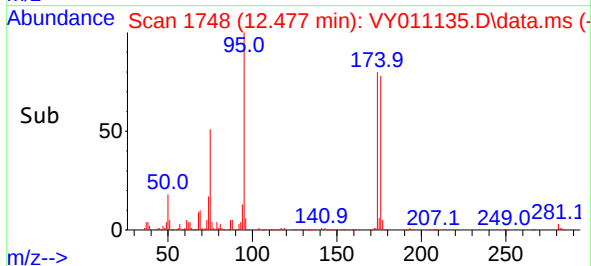
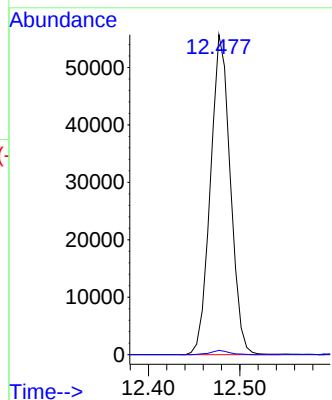
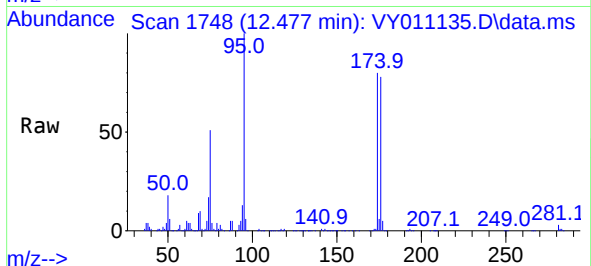




#76
1,2,3-Trichloropropane
Concen: 39.449 ug/l
RT: 12.477 min Scan# 1773
Delta R.T. -0.153 min
Lab File: VY011135.D
Acq: 27 Oct 2022 13:49

Instrument :
MSVOA_Y
ClientSampleId :
SB-7

Tgt Ion: 75 Resp: 84228
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 84.844 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.097 min
Lab File: VY011135.D
Acq: 27 Oct 2022 13:49

Tgt Ion: 75 Resp: 84228
Ion Ratio Lower Upper
75 100
53 0.1 85.3 127.9#
89 0.1 37.0 55.4#

