

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100622\
 Data File : VY010848.D
 Acq On : 06 Oct 2022 16:30
 Operator : KP/MD
 Sample : N5004-02RE
 Misc : 6.20g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 D22011-18RE

Quant Time: Oct 07 02:30:15 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100322S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 04 07:26:22 2022
 Response via : Initial Calibration

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

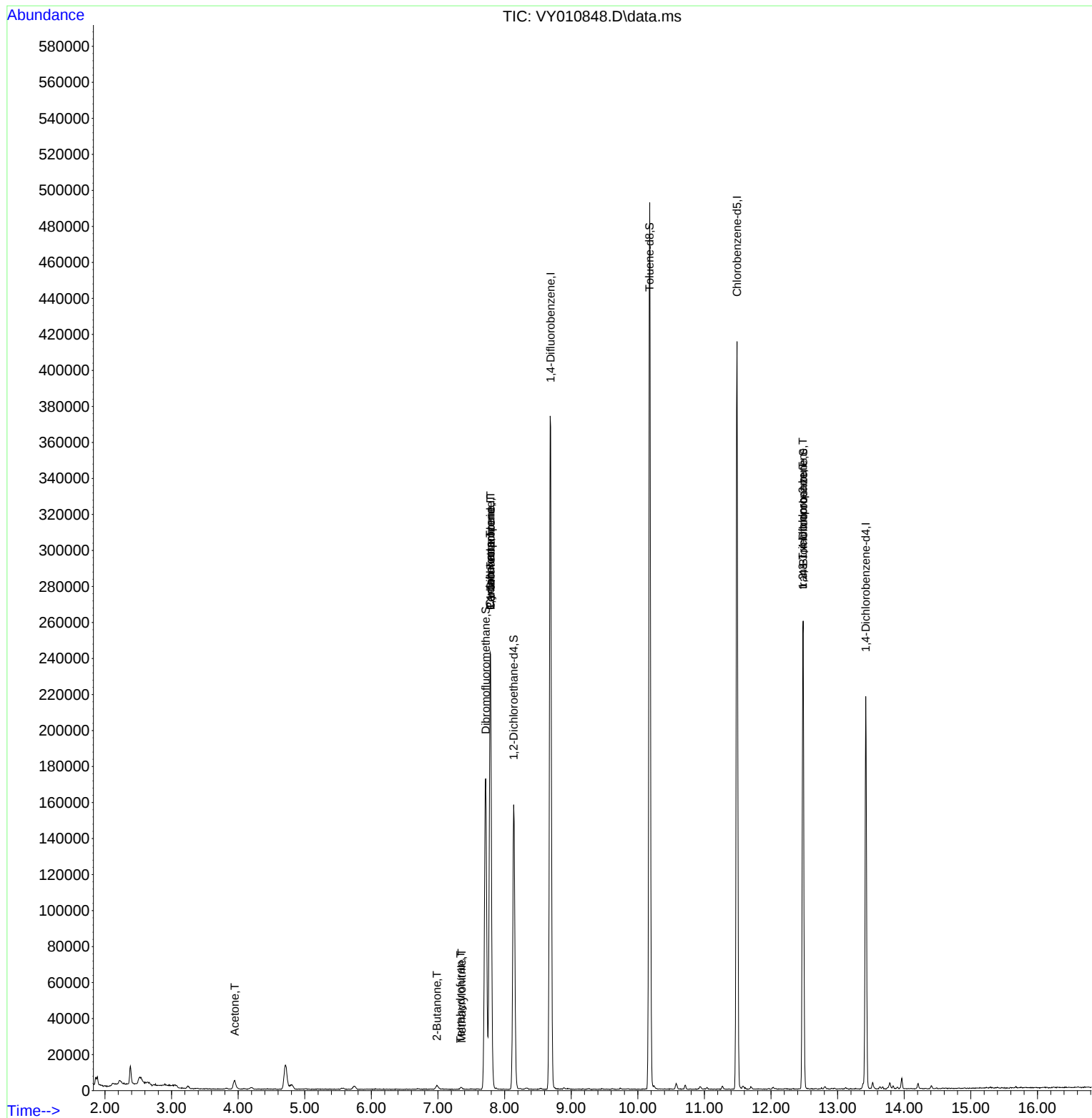
Internal Standards						
1) Pentafluorobenzene	7.789	168	189437	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	325289	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	227328	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	55326	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	120079	62.535	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 125.080%	
35) Dibromofluoromethane	7.716	113	125314	58.035	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 116.060%	
50) Toluene-d8	10.178	98	324278	43.913	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 87.820%	
62) 4-Bromofluorobenzene	12.483	95	77388	24.983	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 49.960%	
Target Compounds						Qvalue
11) Tert butyl alcohol	4.942	59	146	Below Cal	#	77
13) Acrolein	3.728	56	23	Below Cal	#	14
16) Acetone	3.948	43	8802	18.049	ug/l #	89
20) Methylene Chloride	4.716	84	10517	Below Cal		85
25) 2-Butanone	6.984	43	2939	4.192	ug/l	94
29) Tetrahydrofuran	7.338	42	811	1.967	ug/l #	80
31) Cyclohexane	7.783	56	4028	1.172	ug/l #	1
36) 1,1-Dichloropropene	7.789	75	14970	4.802	ug/l #	50
38) Carbon Tetrachloride	7.789	117	18666	5.749	ug/l #	16
41) Methacrylonitrile	7.356	41	578	3.193	ug/l #	32
76) 1,2,3-Trichloropropane	12.477	75	39612	70.700	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	39612	147.687	ug/l #	7

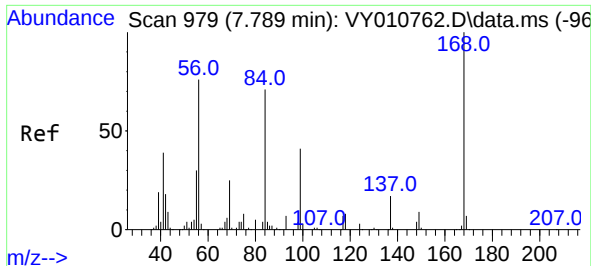
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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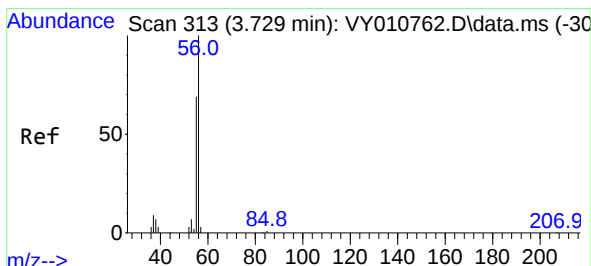
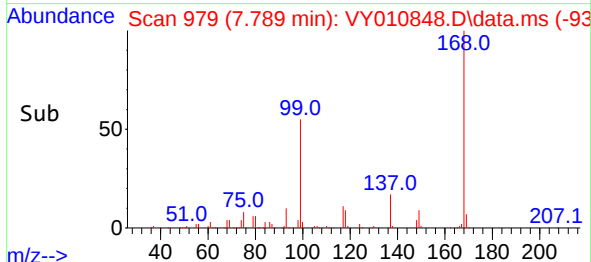
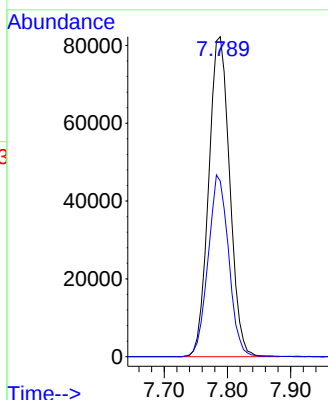
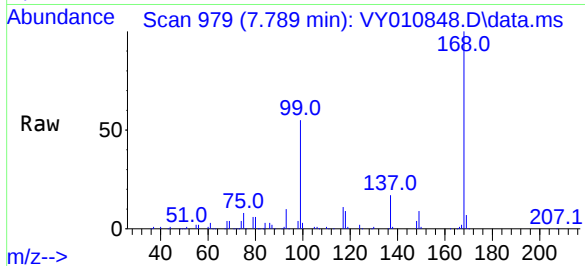




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010848.D
Acq: 06 Oct 2022 16:30

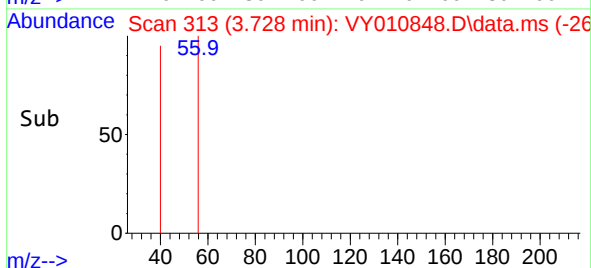
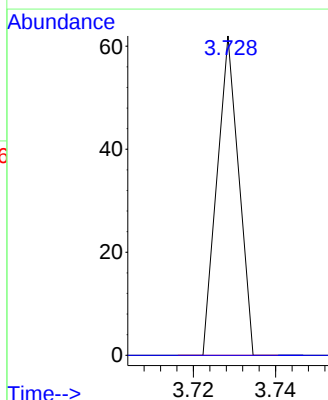
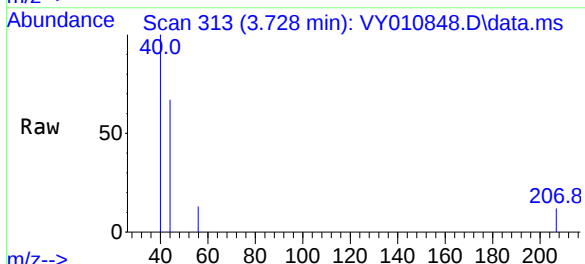
Instrument :
MSVOA_Y
ClientSampleId :
D22011-18RE

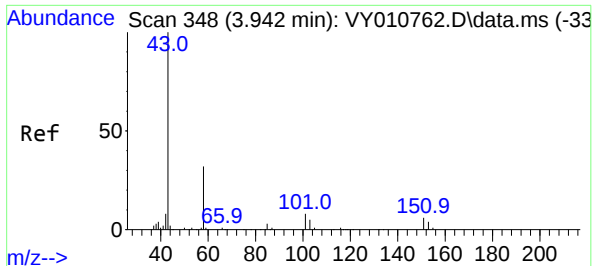
Tgt Ion:168 Resp: 189437
Ion Ratio Lower Upper
168 100
99 54.9 46.9 70.3



#13
Acrolein
Concen: Below Cal
RT: 3.728 min Scan# 313
Delta R.T. -0.001 min
Lab File: VY010848.D
Acq: 06 Oct 2022 16:30

Tgt Ion: 56 Resp: 23
Ion Ratio Lower Upper
56 100
55 0.0 57.6 86.4#

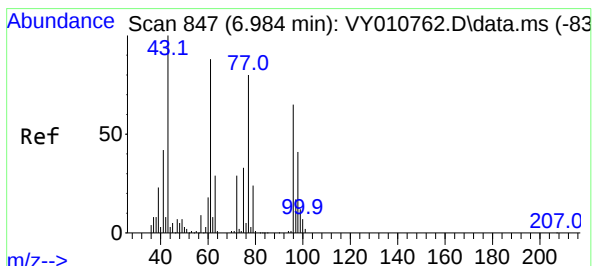
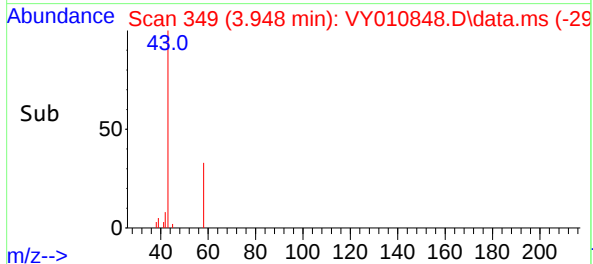
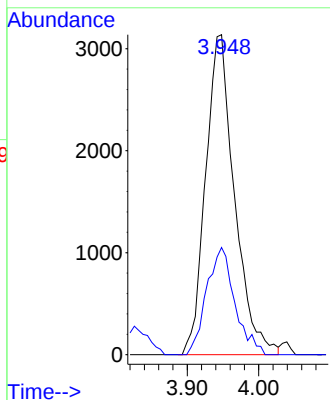
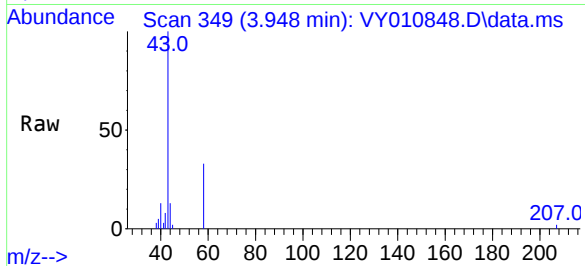




#16
Acetone
Concen: 18.049 ug/l
RT: 3.948 min Scan# 348
Delta R.T. 0.006 min
Lab File: VY010848.D
Acq: 06 Oct 2022 16:30

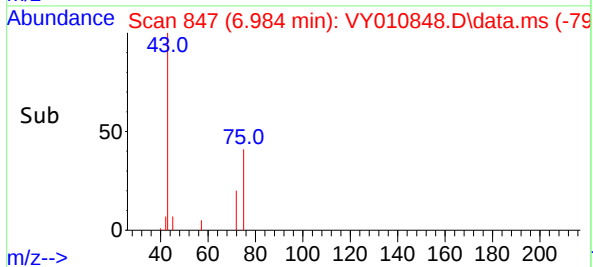
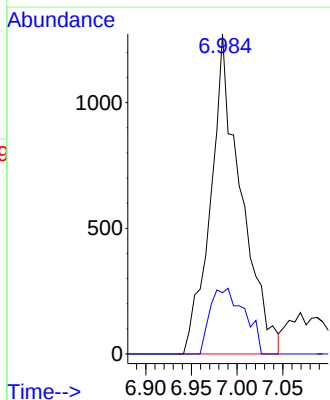
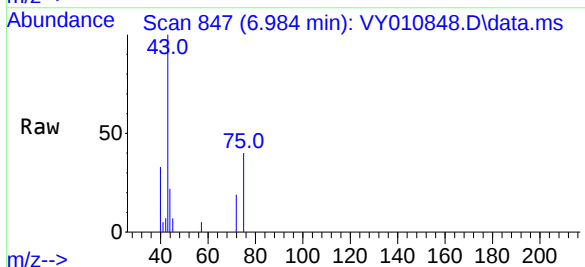
Instrument :
MSVOA_Y
ClientSampleId :
D22011-18RE

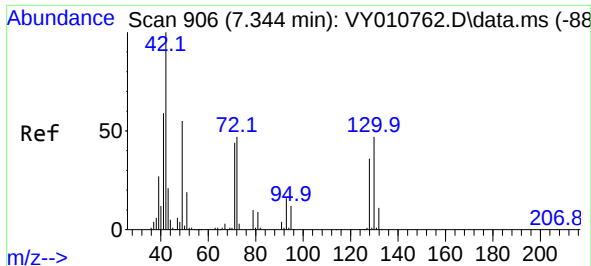
Tgt Ion: 43 Resp: 8802
Ion Ratio Lower Upper
43 100
58 33.5 22.0 33.0#



#25
2-Butanone
Concen: 4.192 ug/l
RT: 6.984 min Scan# 847
Delta R.T. -0.000 min
Lab File: VY010848.D
Acq: 06 Oct 2022 16:30

Tgt Ion: 43 Resp: 2939
Ion Ratio Lower Upper
43 100
72 19.2 17.7 26.5

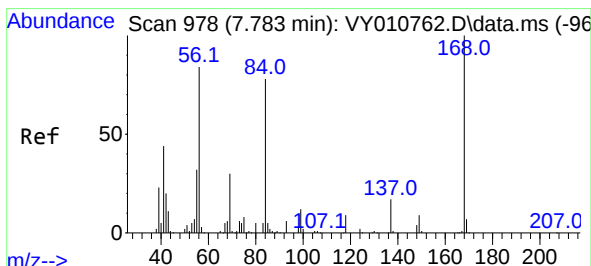
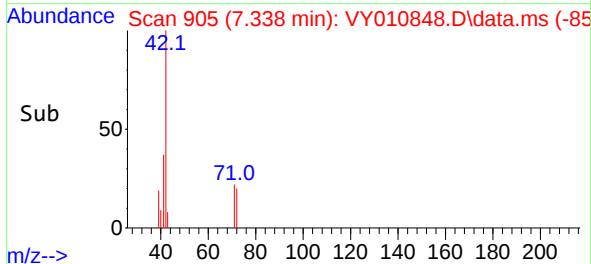
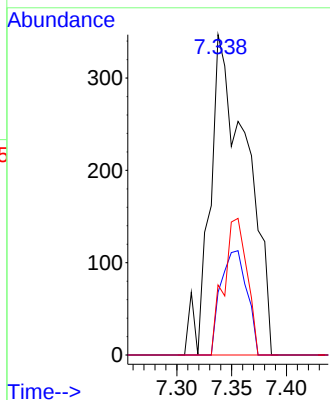
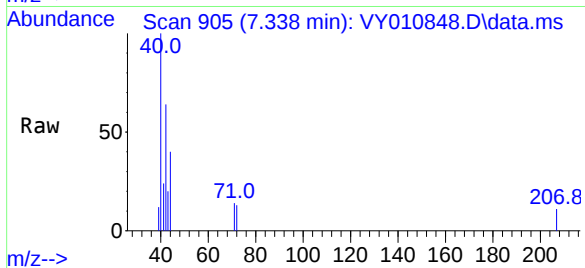




#29
Tetrahydrofuran
Concen: 1.967 ug/l
RT: 7.338 min Scan# 906
Delta R.T. -0.006 min
Lab File: VY010848.D
Acq: 06 Oct 2022 16:30

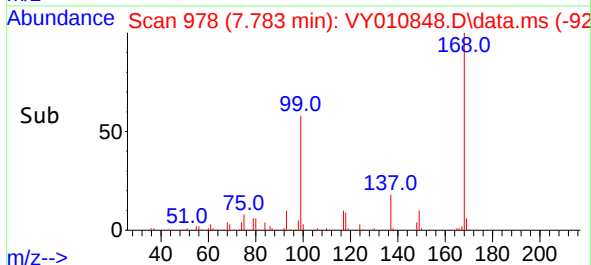
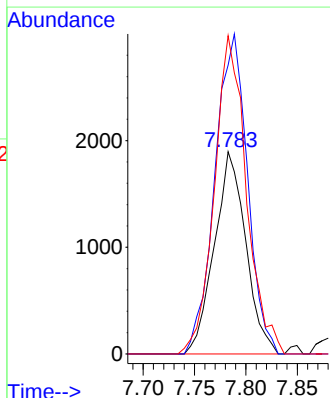
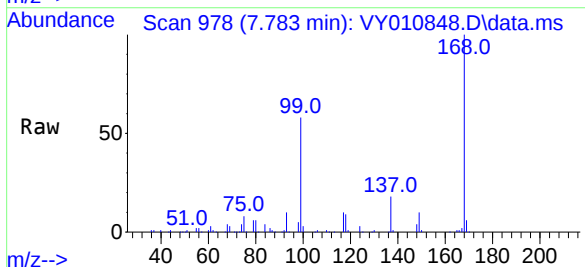
Instrument :
MSVOA_Y
ClientSampleId :
D22011-18RE

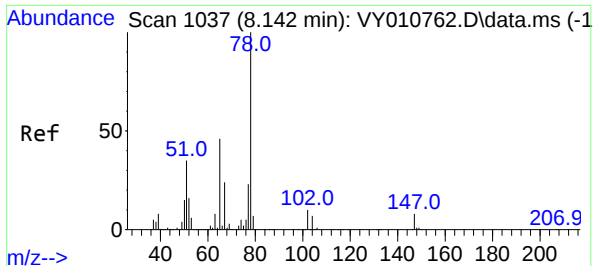
Tgt Ion:	42	Resp:	811
Ion	Ratio	Lower	Upper
42	100		
72	23.2	30.3	45.5#
71	27.0	29.0	43.4#



#31
Cyclohexane
Concen: 1.172 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.000 min
Lab File: VY010848.D
Acq: 06 Oct 2022 16:30

Tgt Ion:	56	Resp:	4028
Ion	Ratio	Lower	Upper
56	100		
69	142.8	26.7	40.1#
84	157.4	67.2	100.8#





#33

1,2-Dichloroethane-d4

Concen: 62.535 ug/l

RT: 8.136 min Scan# 1103

Delta R.T. -0.006 min

Lab File: VY010848.D

Acq: 06 Oct 2022 16:30

Instrument :

MSVOA_Y

ClientSampleId :

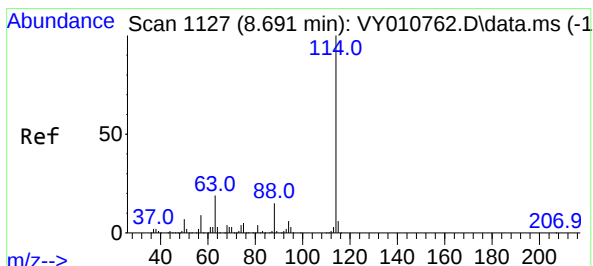
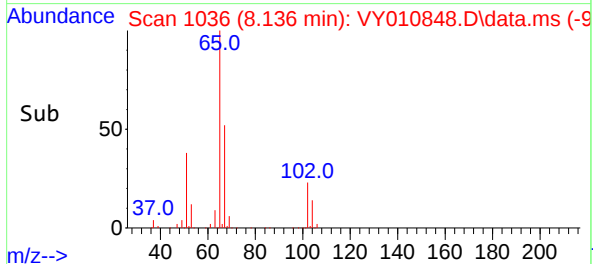
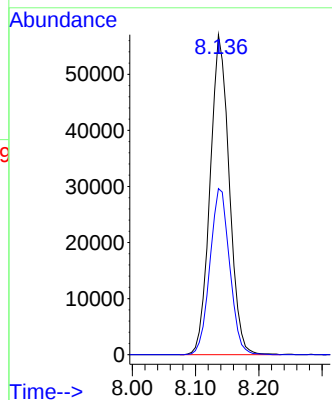
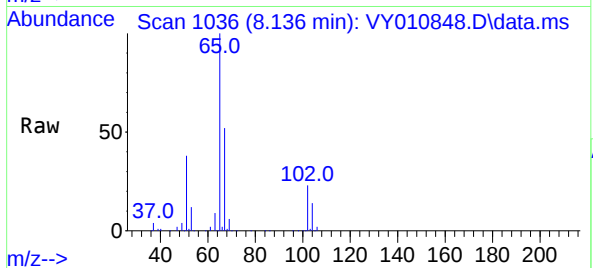
D22011-18RE

Tgt Ion: 65 Resp: 120079

Ion Ratio Lower Upper

65 100

67 53.4 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VY010848.D

Acq: 06 Oct 2022 16:30

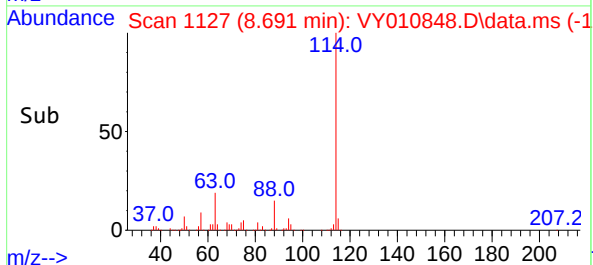
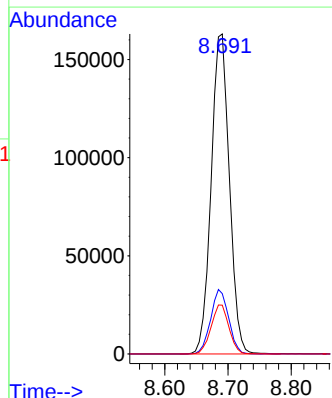
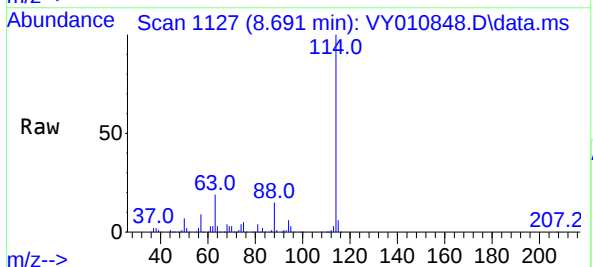
Tgt Ion:114 Resp: 325289

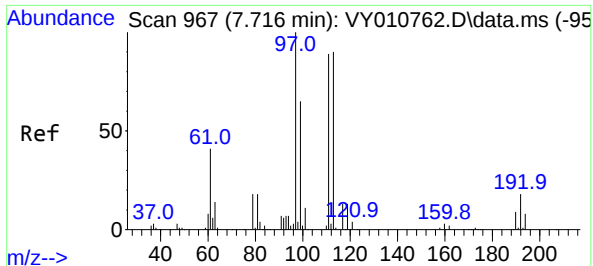
Ion Ratio Lower Upper

114 100

63 18.9 0.0 43.2

88 15.3 0.0 31.8

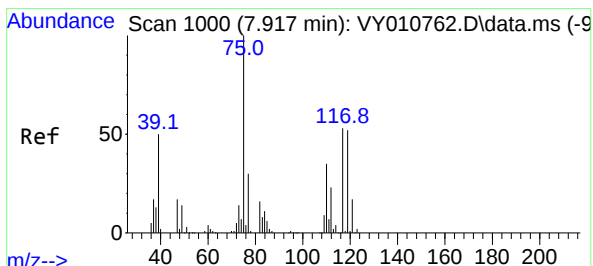
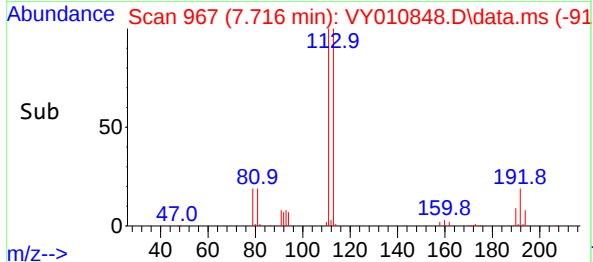
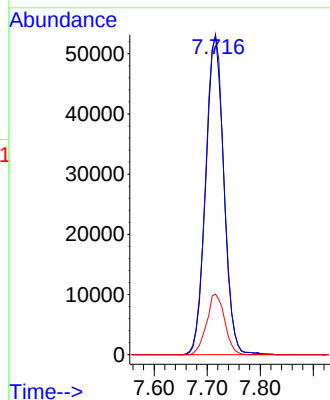
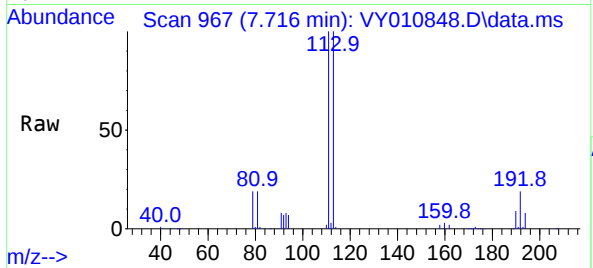




#35
Dibromofluoromethane
Concen: 58.035 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010848.D
Acq: 06 Oct 2022 16:30

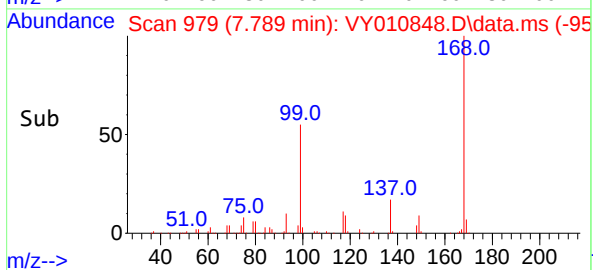
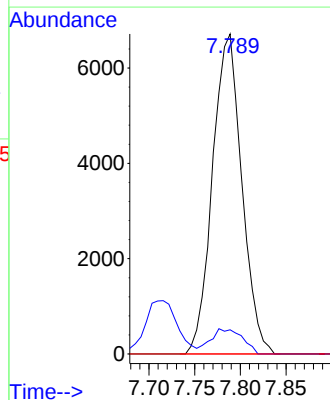
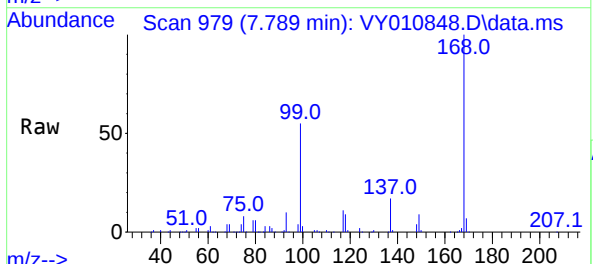
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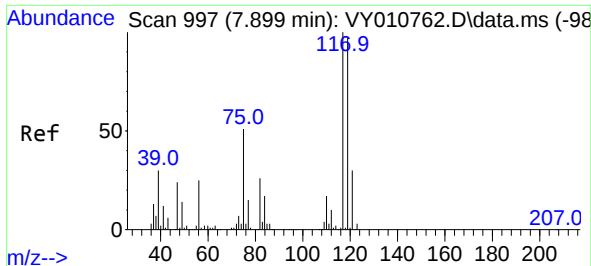
Tgt Ion:113 Resp: 125314
Ion Ratio Lower Upper
113 100
111 102.1 82.6 124.0
192 19.0 17.6 26.4



#36
1,1-Dichloropropene
Concen: 4.802 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.128 min
Lab File: VY010848.D
Acq: 06 Oct 2022 16:30

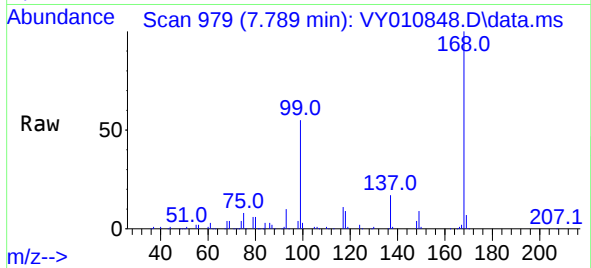
Tgt Ion: 75 Resp: 14970
Ion Ratio Lower Upper
75 100
110 8.5 17.1 51.2#
77 0.0 24.4 36.6#



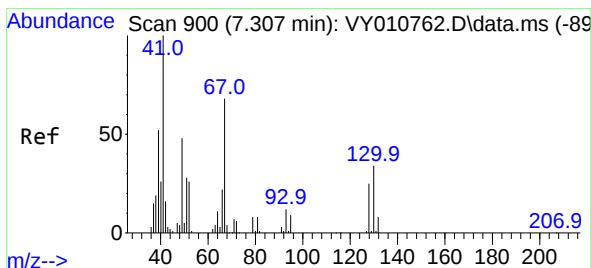
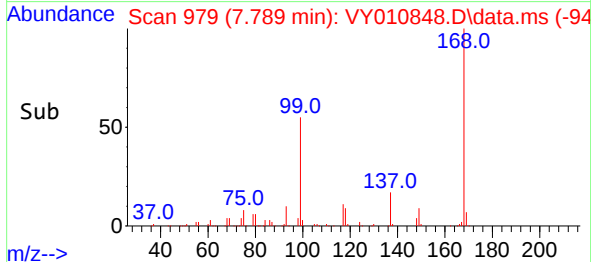
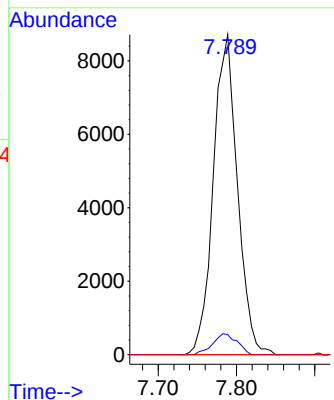


#38
Carbon Tetrachloride
Concen: 5.749 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY010848.D
Acq: 06 Oct 2022 16:30

Instrument :
MSVOA_Y
ClientSampleId :
D22011-18RE

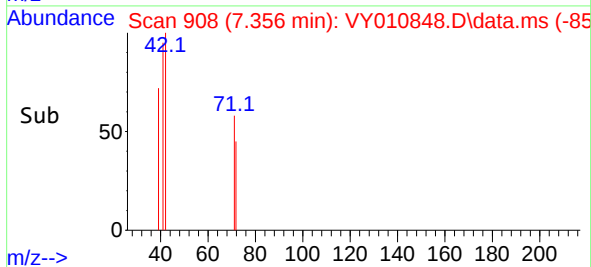
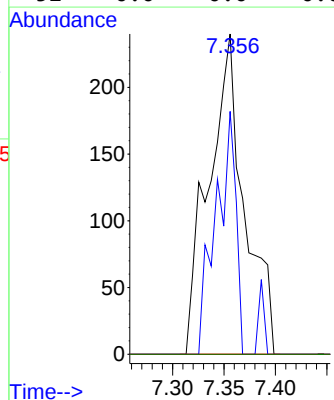
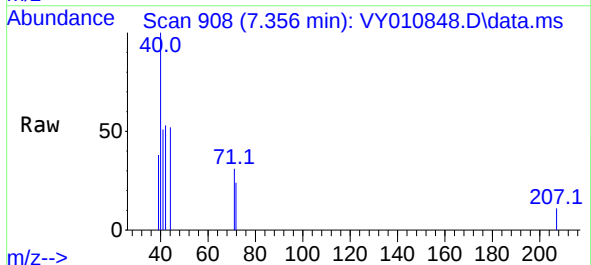


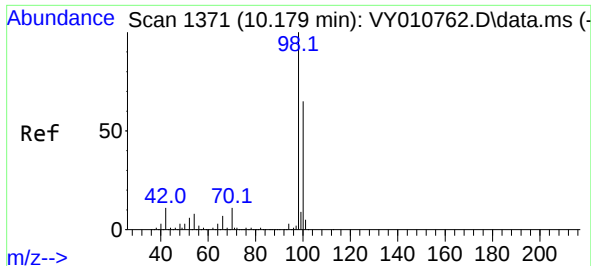
Tgt Ion:117 Resp: 18666
Ion Ratio Lower Upper
117 100
119 6.3 77.9 116.9#
121 0.0 24.8 37.2#



#41
Methacrylonitrile
Concen: 3.193 ug/l
RT: 7.356 min Scan# 908
Delta R.T. 0.049 min
Lab File: VY010848.D
Acq: 06 Oct 2022 16:30

Tgt Ion: 41 Resp: 578
Ion Ratio Lower Upper
41 100
39 42.4 92.9 139.3#
67 0.0 0.0 0.0
52 0.0 0.0 0.0

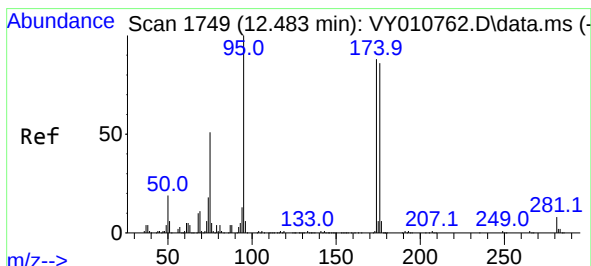
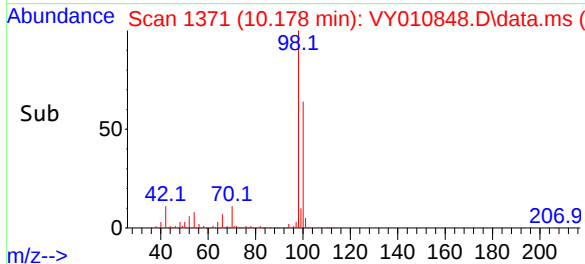
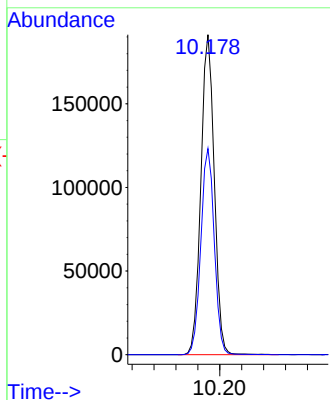
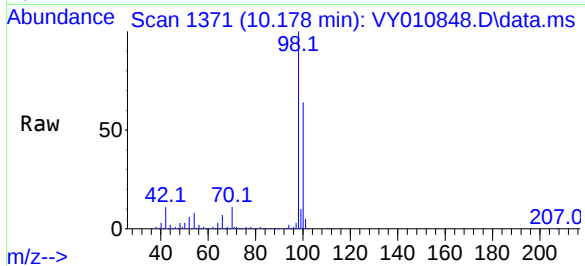




#50
Toluene-d8
Concen: 43.913 ug/l
RT: 10.178 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY010848.D
Acq: 06 Oct 2022 16:30

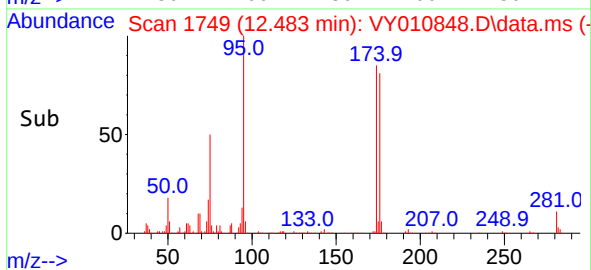
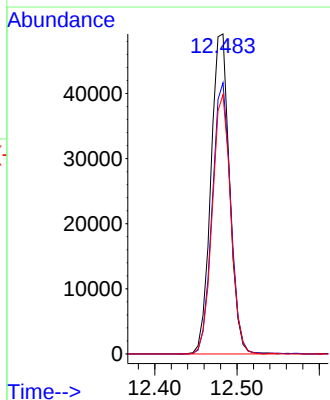
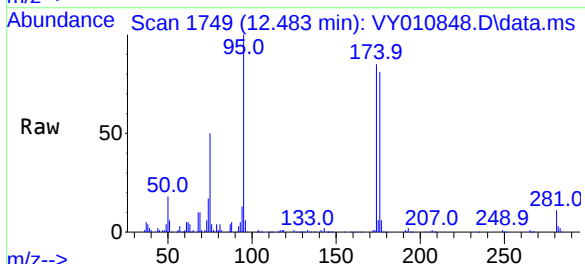
Instrument :
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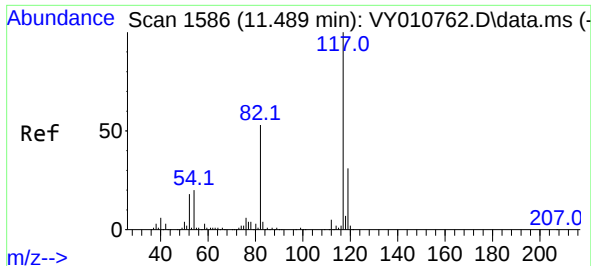
Tgt Ion: 98 Resp: 324278
Ion Ratio Lower Upper
98 100
100 64.6 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 24.983 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY010848.D
Acq: 06 Oct 2022 16:30

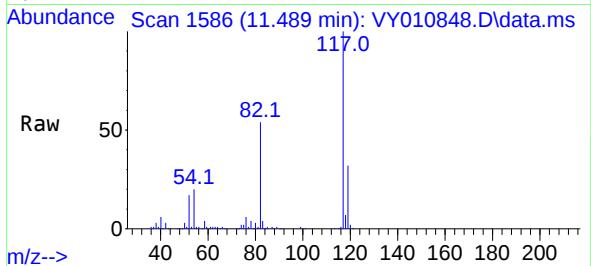
Tgt Ion: 95 Resp: 77388
Ion Ratio Lower Upper
95 100
174 83.7 0.0 177.0
176 79.9 0.0 175.8



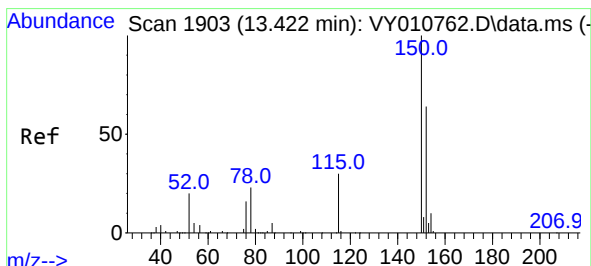
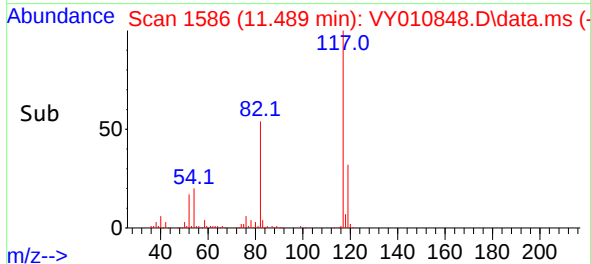
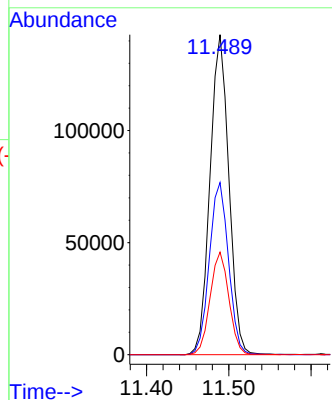


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY010848.D
Acq: 06 Oct 2022 16:30

Instrument :
MSVOA_Y
ClientSampleId :
D22011-18RE

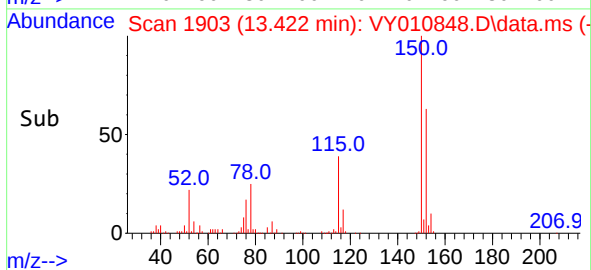
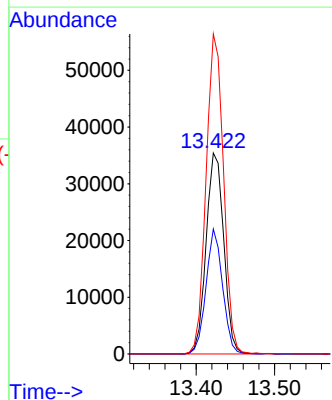
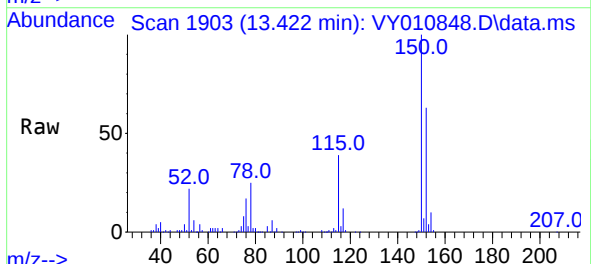


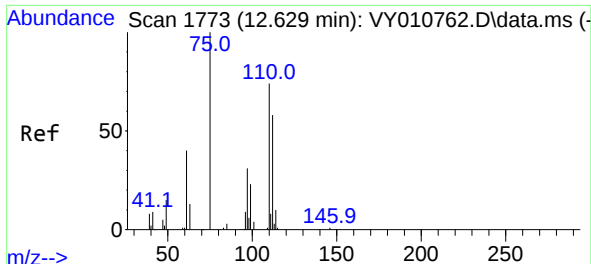
Tgt Ion:117 Resp: 227328
Ion Ratio Lower Upper
117 100
82 53.8 43.0 64.4
119 32.0 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.000 min
Lab File: VY010848.D
Acq: 06 Oct 2022 16:30

Tgt Ion:152 Resp: 55326
Ion Ratio Lower Upper
152 100
115 58.4 28.2 84.7
150 157.1 0.0 347.6

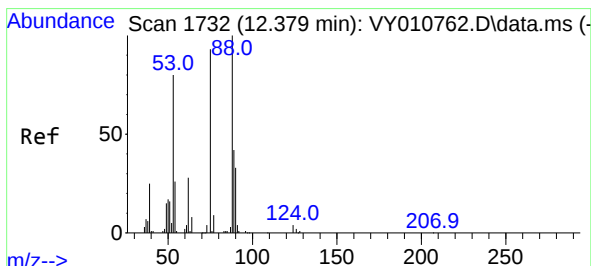
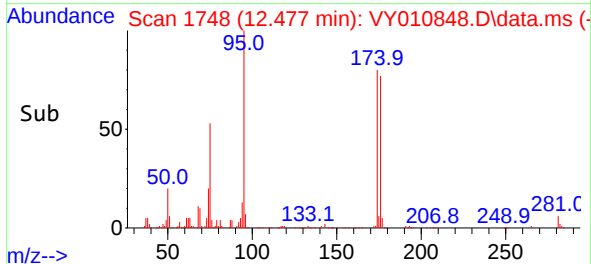
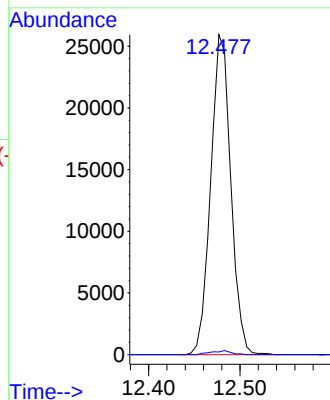
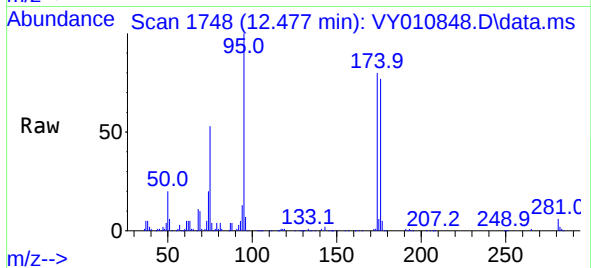




#76
1,2,3-Trichloropropane
Concen: 70.700 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.152 min
Lab File: VY010848.D
Acq: 06 Oct 2022 16:30

Instrument :
MSVOA_Y
ClientSampleId :
D22011-18RE

Tgt Ion: 75 Resp: 39612
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 147.687 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.098 min
Lab File: VY010848.D
Acq: 06 Oct 2022 16:30

Tgt Ion: 75 Resp: 39612
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.0 37.0 55.4#

