

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120224\
 Data File : VY020478.D
 Acq On : 02 Dec 2024 11:32
 Operator : SY/MD
 Sample : VIBLK
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VIBLK

Quant Time: Dec 02 14:49:40 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y120224S.M
 Quant Title : SW846 8260
 QLast Update : Mon Dec 02 14:47:59 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.720	168	163094	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	313952	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	286474	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	100989	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.073	65	94221	56.804	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	113.600%
35) Dibromofluoromethane	7.646	113	96866	49.009	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.020%
50) Toluene-d8	10.115	98	375044	49.833	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	99.660%
62) 4-Bromofluorobenzene	12.414	95	119475	45.389	ug/l	0.01
Spiked Amount	50.000	Range	29 - 146	Recovery	=	90.780%

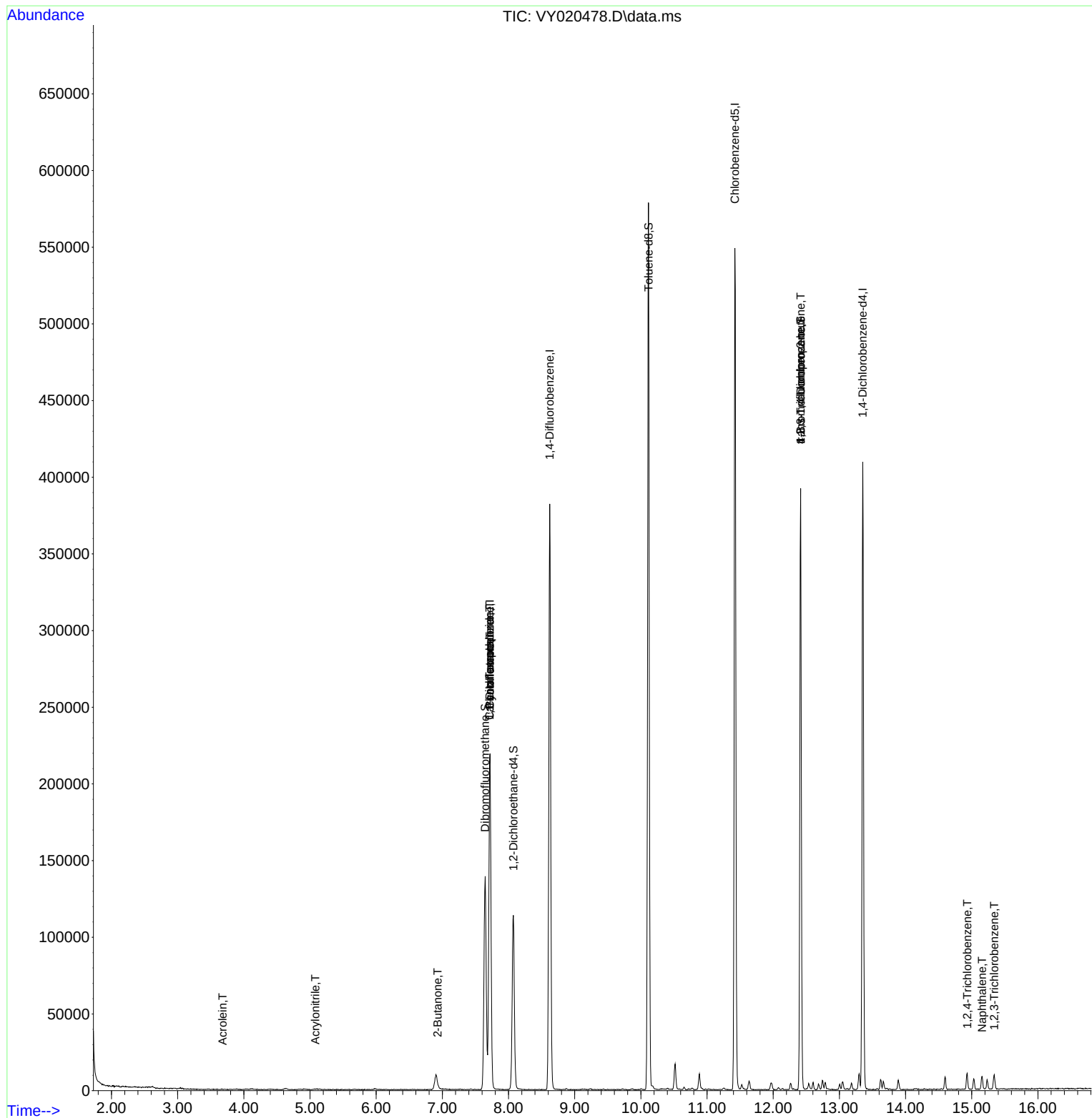
Target Compounds					Qvalue	
13) Acrolein	3.678	56	134	1.330	ug/l #	14
15) Acrylonitrile	5.080	53	525	1.446	ug/l #	76
25) 2-Butanone	6.927	43	841	1.615	ug/l #	85
31) Cyclohexane	7.720	56	3705	1.134	ug/l #	1
36) 1,1-Dichloropropene	7.713	75	13696	4.103	ug/l #	51
38) Carbon Tetrachloride	7.713	117	17470	4.386	ug/l #	15
76) 1,2,3-Trichloropropane	12.414	75	64916	63.101	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.414	75	64916	129.474	ug/l #	9
93) 1,2,4-Trichlorobenzene	14.932	180	3166	1.701	ug/l	99
95) Naphthalene	15.157	128	6846	2.273	ug/l	97
96) 1,2,3-Trichlorobenzene	15.340	180	3099	2.064	ug/l	95

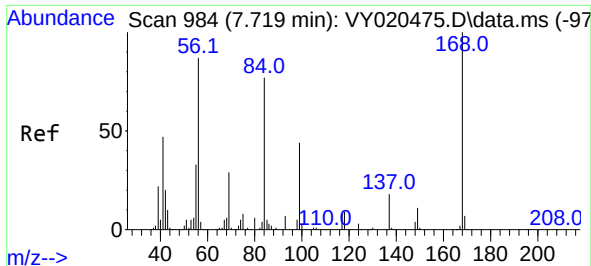
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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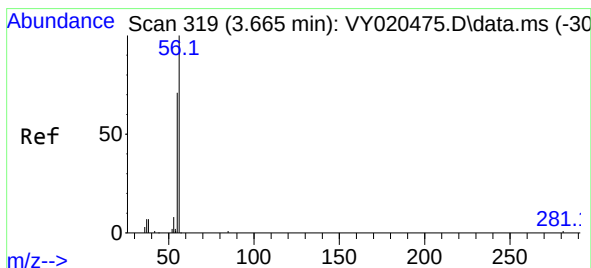
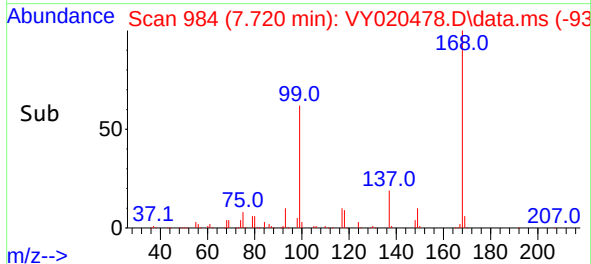
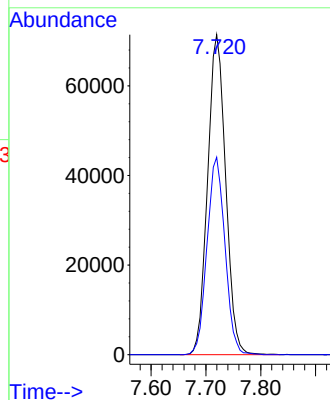
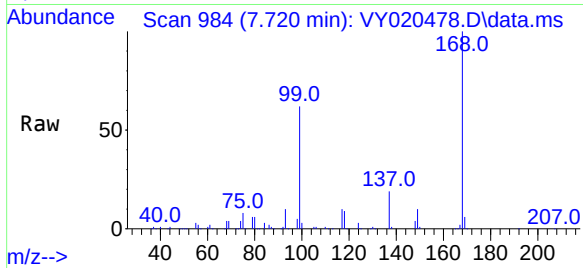




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.720 min Scan# 91
Delta R.T. 0.007 min
Lab File: VY020478.D
Acq: 02 Dec 2024 11:32

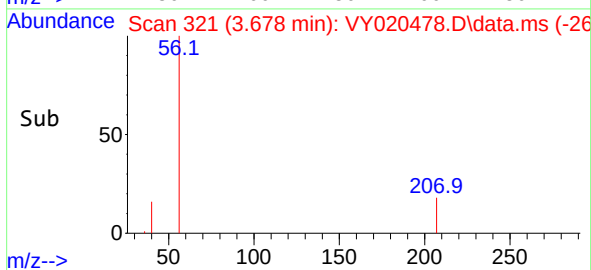
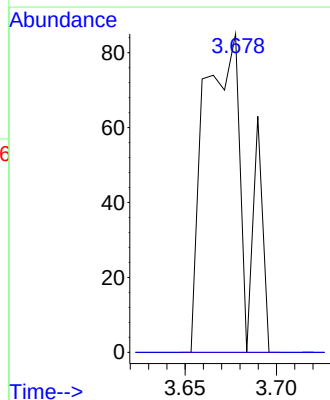
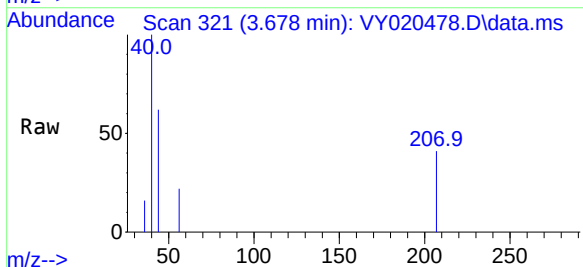
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

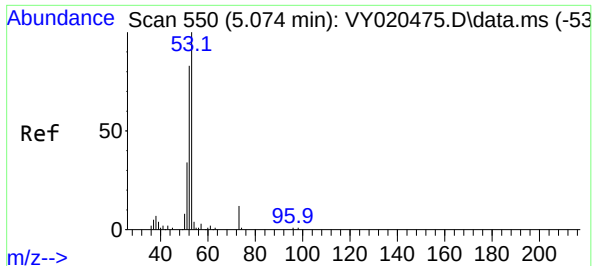
Tgt Ion:168 Resp: 163094
Ion Ratio Lower Upper
168 100
99 61.7 46.6 69.8



#13
Acrolein
Concen: 1.330 ug/l
RT: 3.678 min Scan# 321
Delta R.T. 0.018 min
Lab File: VY020478.D
Acq: 02 Dec 2024 11:32

Tgt Ion: 56 Resp: 134
Ion Ratio Lower Upper
56 100
55 0.0 57.7 86.5#

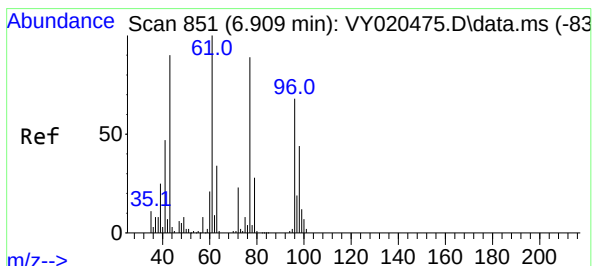
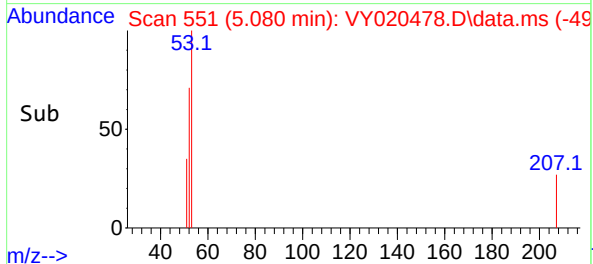
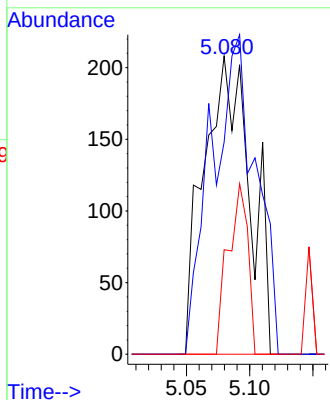
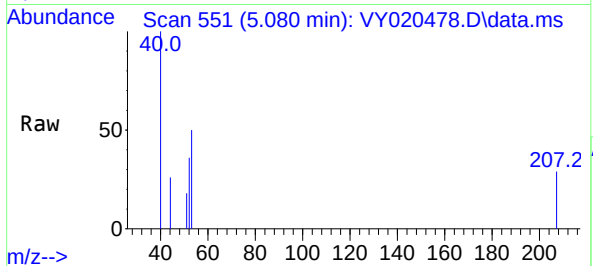




#15
Acrylonitrile
Concen: 1.446 ug/l
RT: 5.080 min Scan# 511
Delta R.T. 0.018 min
Lab File: VY020478.D
Acq: 02 Dec 2024 11:32

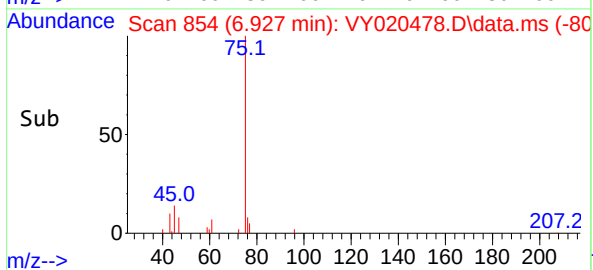
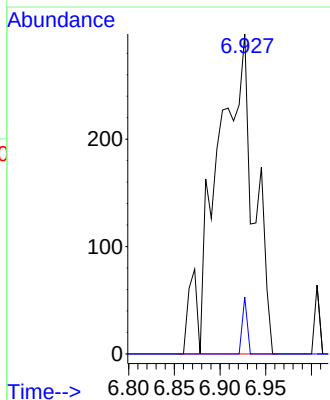
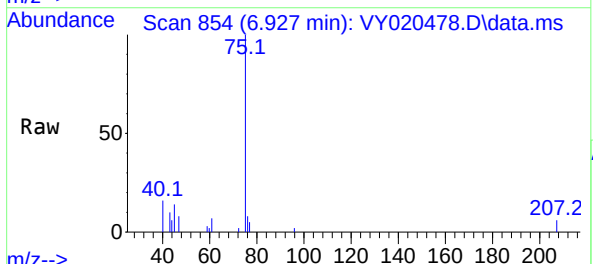
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

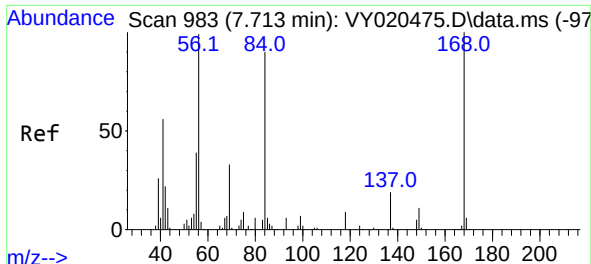
Tgt Ion: 53 Resp: 525
Ion Ratio Lower Upper
53 100
52 103.2 65.2 97.8#
51 24.6 30.2 45.4#



#25
2-Butanone
Concen: 1.615 ug/l
RT: 6.927 min Scan# 854
Delta R.T. 0.031 min
Lab File: VY020478.D
Acq: 02 Dec 2024 11:32

Tgt Ion: 43 Resp: 841
Ion Ratio Lower Upper
43 100
72 17.8 20.4 30.6#

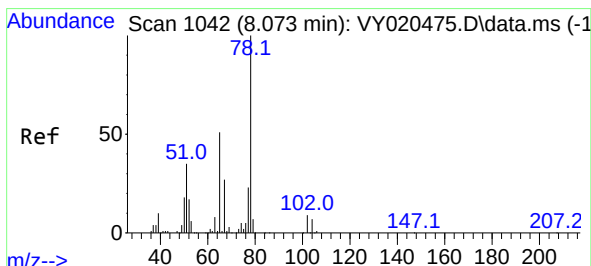
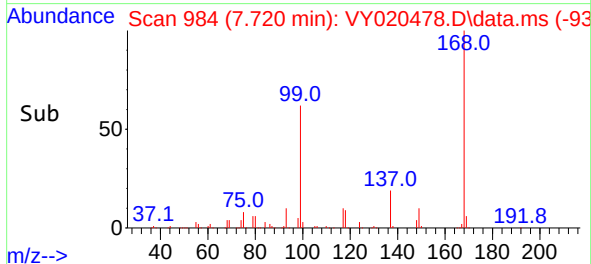
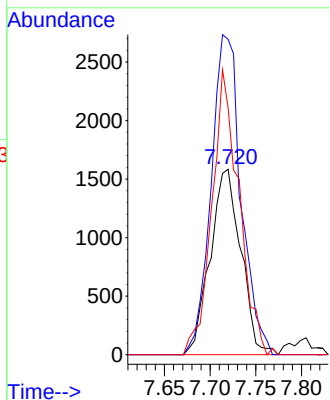
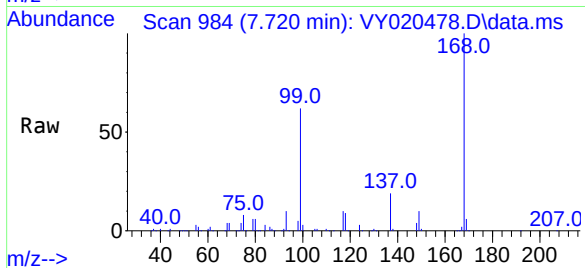




#31
Cyclohexane
Concen: 1.134 ug/l
RT: 7.720 min Scan# 984
Delta R.T. 0.018 min
Lab File: VY020478.D
Acq: 02 Dec 2024 11:32

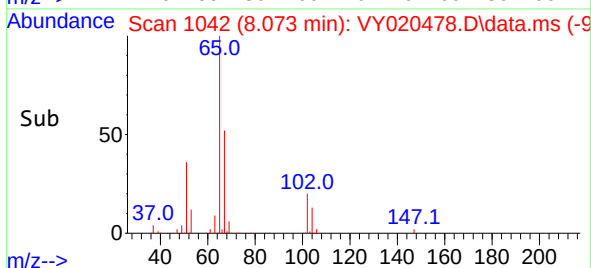
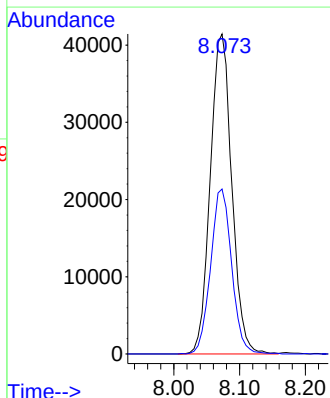
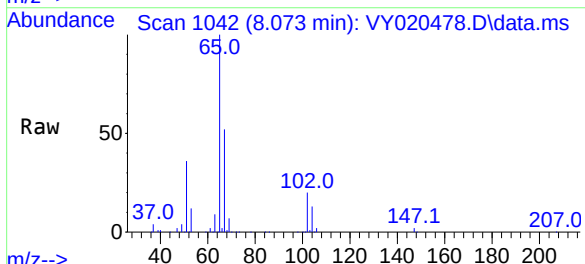
Instrument :
MSVOA_Y
ClientSampleId :
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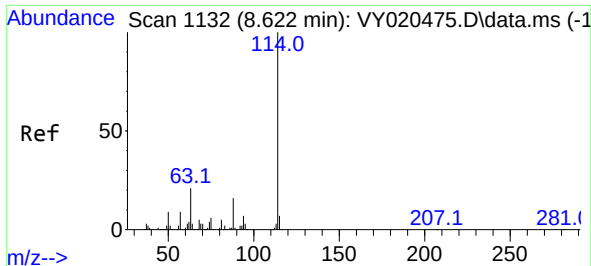
Tgt Ion: 56 Resp: 3705
Ion Ratio Lower Upper
56 100
69 170.0 25.3 37.9#
84 133.0 66.9 100.3#



#33
1,2-Dichloroethane-d4
Concen: 56.804 ug/l
RT: 8.073 min Scan# 1042
Delta R.T. 0.012 min
Lab File: VY020478.D
Acq: 02 Dec 2024 11:32

Tgt Ion: 65 Resp: 94221
Ion Ratio Lower Upper
65 100
67 50.6 0.0 105.8



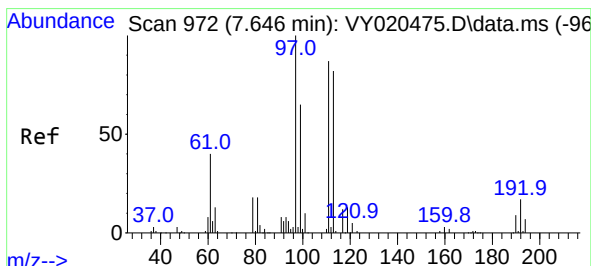
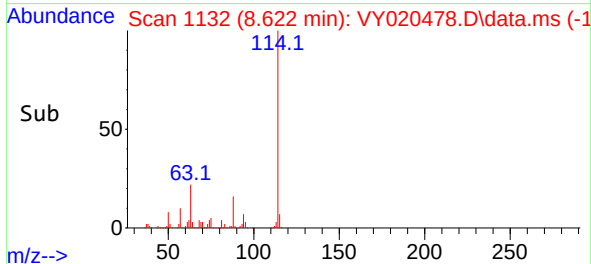
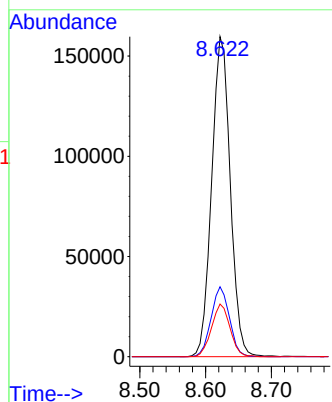
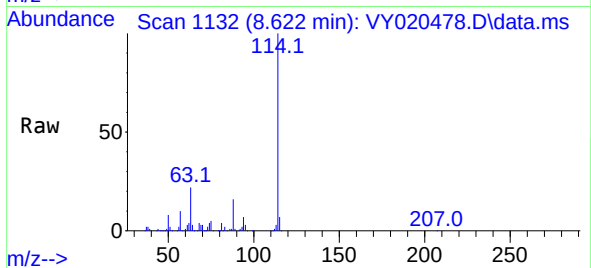


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.622 min Scan# 1132
Delta R.T. 0.006 min
Lab File: VY020478.D
Acq: 02 Dec 2024 11:32

Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

Tgt Ion:114 Resp: 313952

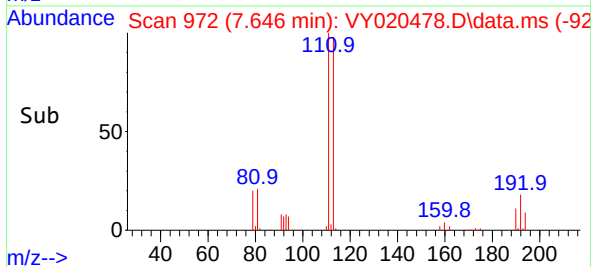
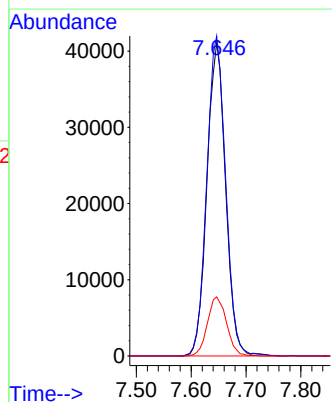
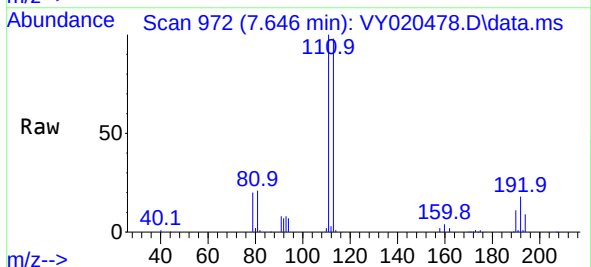
Ion	Ratio	Lower	Upper
114	100		
63	21.9	0.0	44.8
88	16.4	0.0	32.0

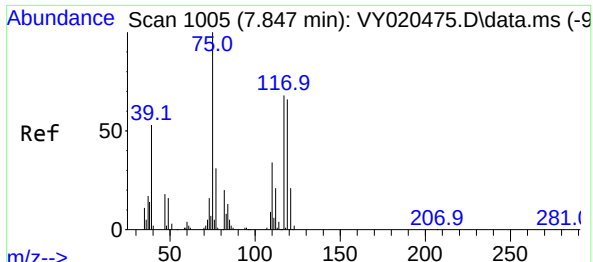


#35
Dibromofluoromethane
Concen: 49.009 ug/l
RT: 7.646 min Scan# 972
Delta R.T. 0.012 min
Lab File: VY020478.D
Acq: 02 Dec 2024 11:32

Tgt Ion:113 Resp: 96866

Ion	Ratio	Lower	Upper
113	100		
111	103.6	81.4	122.0
192	19.4	15.1	22.7

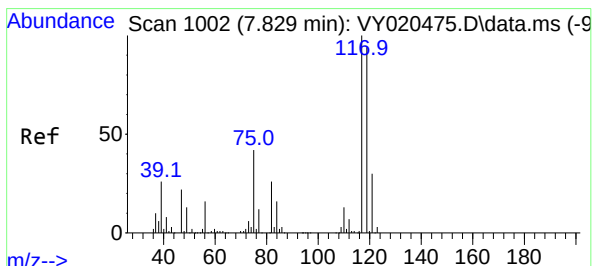
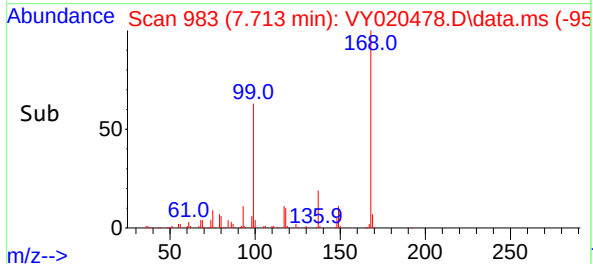
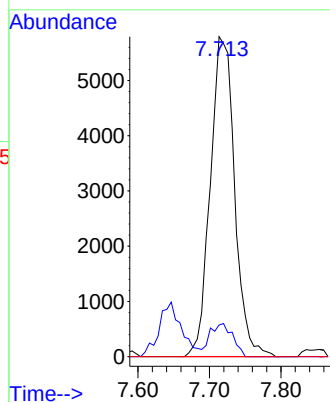
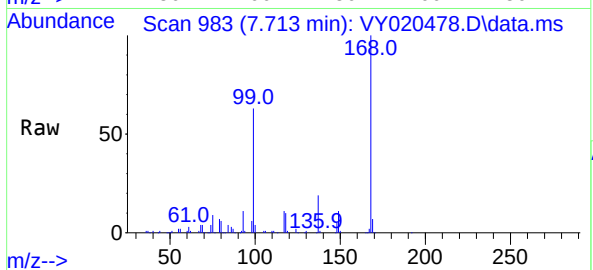




#36
1,1-Dichloropropene
Concen: 4.103 ug/l
RT: 7.713 min Scan# 91
Delta R.T. -0.128 min
Lab File: VY020478.D
Acq: 02 Dec 2024 11:32

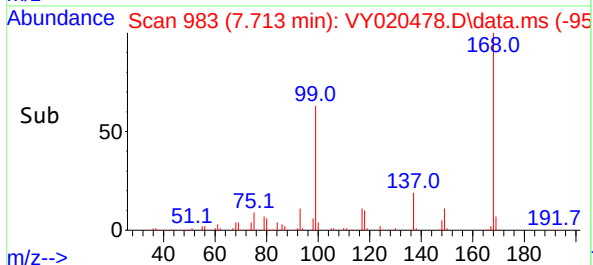
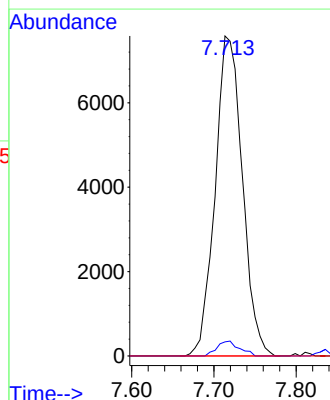
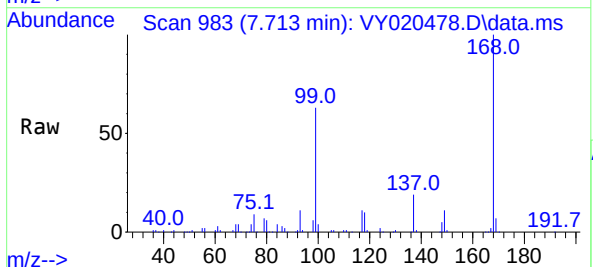
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

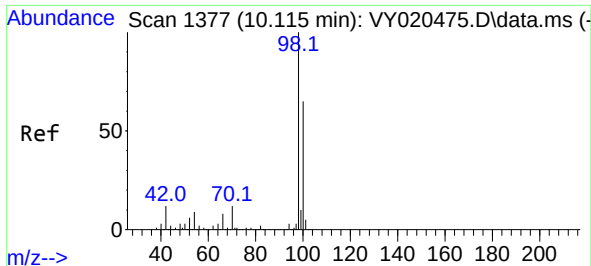
Tgt Ion: 75 Resp: 13696
Ion Ratio Lower Upper
75 100
110 9.6 16.7 50.0#
77 0.0 24.6 36.8#



#38
Carbon Tetrachloride
Concen: 4.386 ug/l
RT: 7.713 min Scan# 983
Delta R.T. -0.110 min
Lab File: VY020478.D
Acq: 02 Dec 2024 11:32

Tgt Ion: 117 Resp: 17470
Ion Ratio Lower Upper
117 100
119 4.4 77.8 116.6#
121 0.0 24.6 37.0#

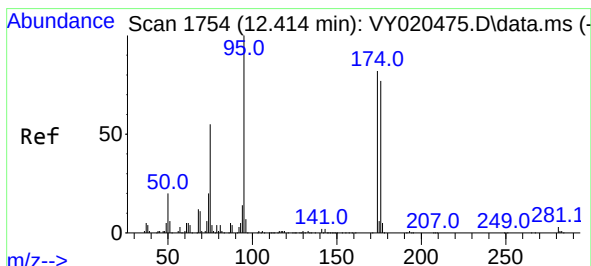
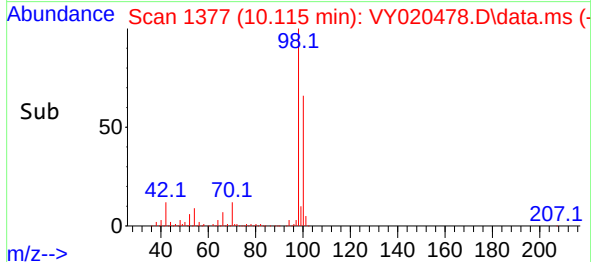
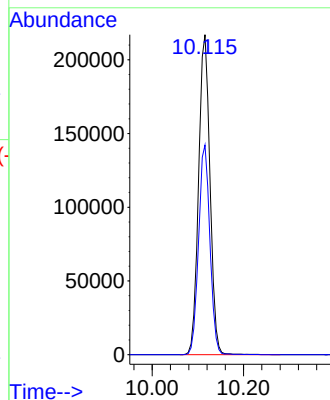
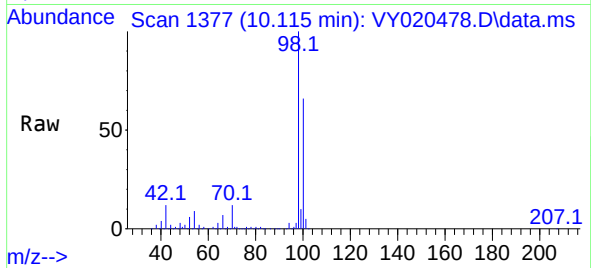




#50
Toluene-d8
Concen: 49.833 ug/l
RT: 10.115 min Scan# 1377
Delta R.T. 0.006 min
Lab File: VY020478.D
Acq: 02 Dec 2024 11:32

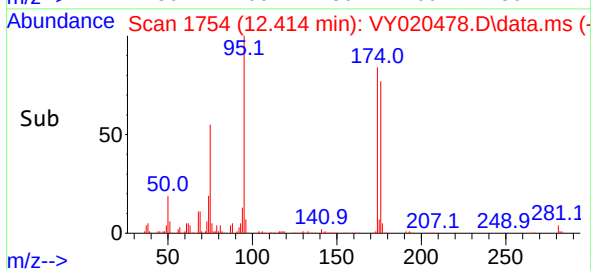
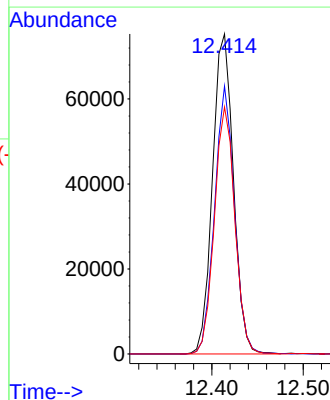
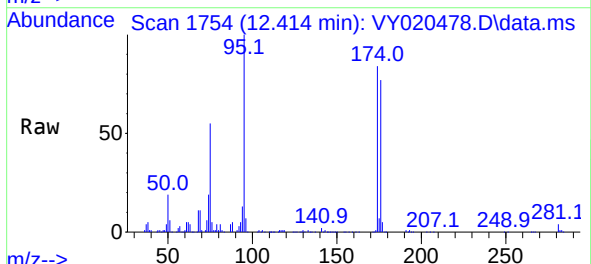
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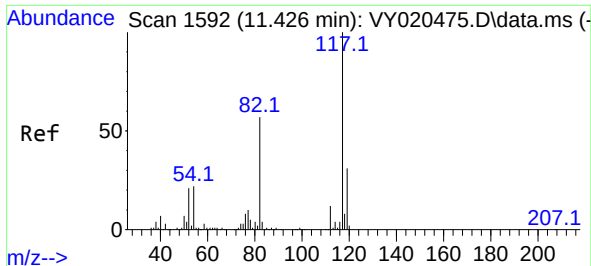
Tgt Ion: 98 Resp: 375044
Ion Ratio Lower Upper
98 100
100 65.1 51.3 76.9



#62
4-Bromofluorobenzene
Concen: 45.389 ug/l
RT: 12.414 min Scan# 1754
Delta R.T. 0.012 min
Lab File: VY020478.D
Acq: 02 Dec 2024 11:32

Tgt Ion: 95 Resp: 119475
Ion Ratio Lower Upper
95 100
174 79.8 0.0 156.8
176 75.9 0.0 152.0

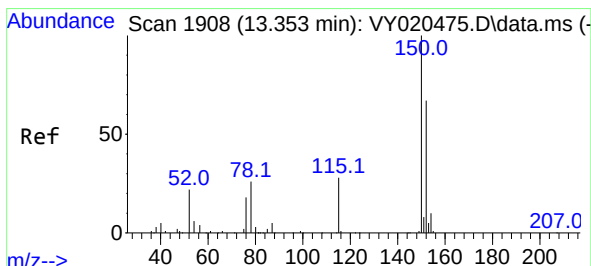
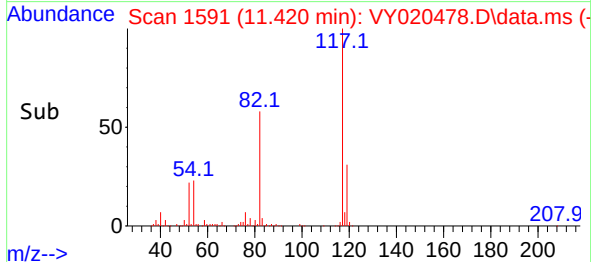
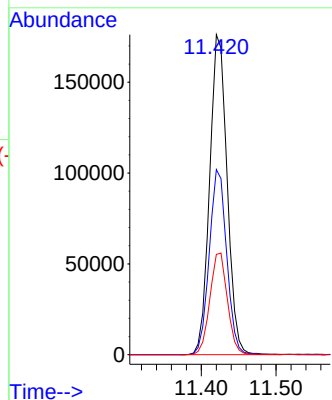
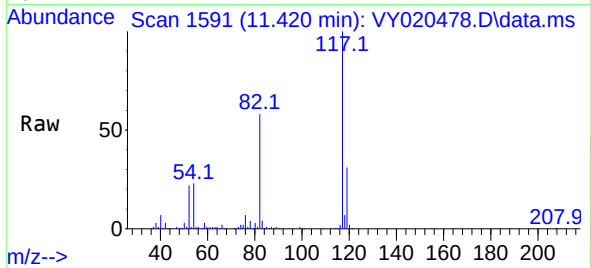




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY020478.D
Acq: 02 Dec 2024 11:32

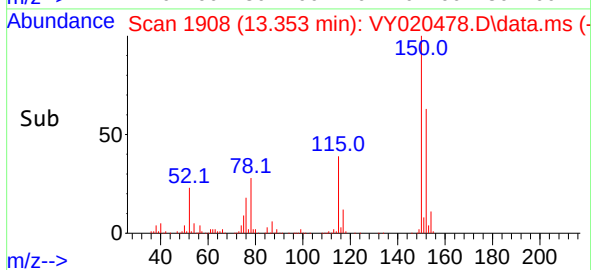
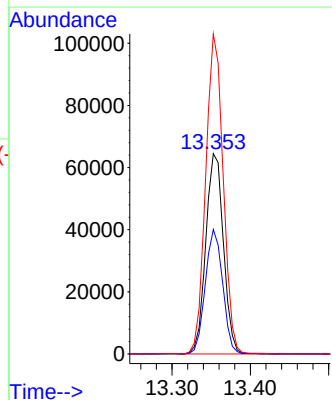
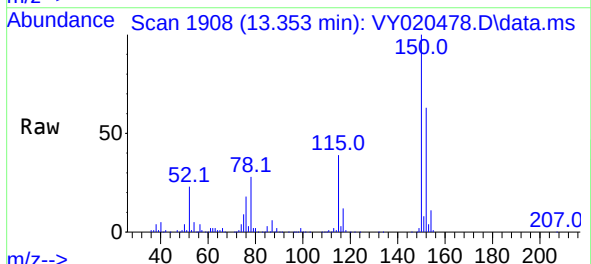
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

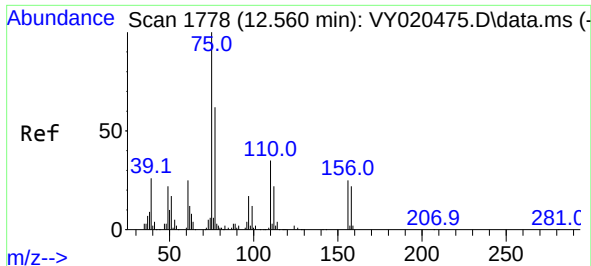
Tgt Ion:117 Resp: 286474
Ion Ratio Lower Upper
117 100
82 57.9 48.2 72.4
119 31.4 25.8 38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.353 min Scan# 1908
Delta R.T. 0.006 min
Lab File: VY020478.D
Acq: 02 Dec 2024 11:32

Tgt Ion:152 Resp: 100989
Ion Ratio Lower Upper
152 100
115 60.9 30.0 90.0
150 157.7 0.0 348.2

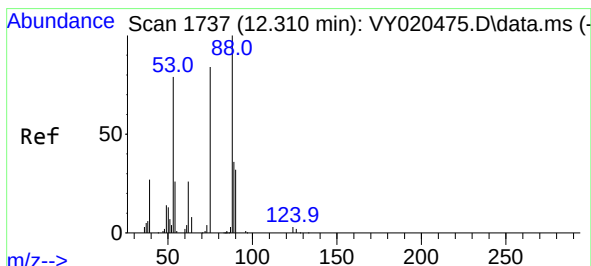
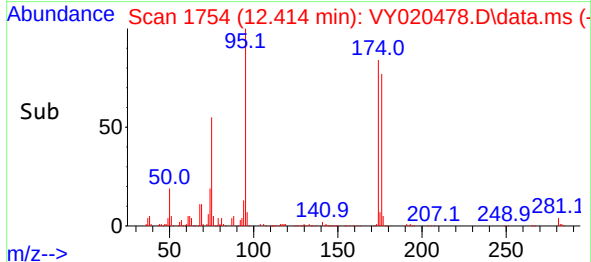
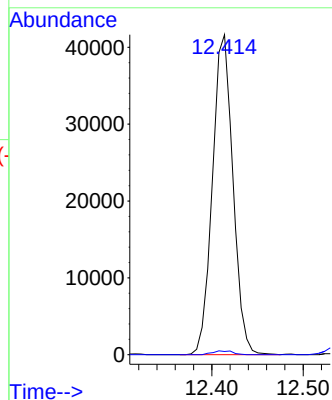
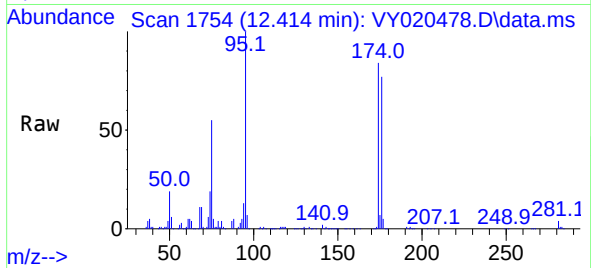




#76
1,2,3-Trichloropropane
Concen: 63.101 ug/l
RT: 12.414 min Scan# 1754
Delta R.T. -0.140 min
Lab File: VY020478.D
Acq: 02 Dec 2024 11:32

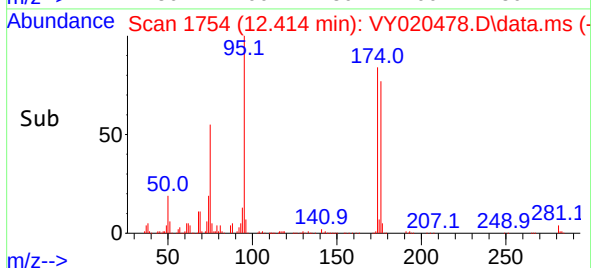
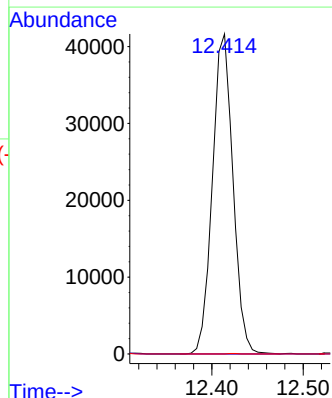
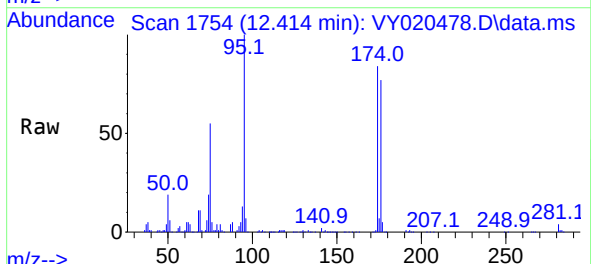
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

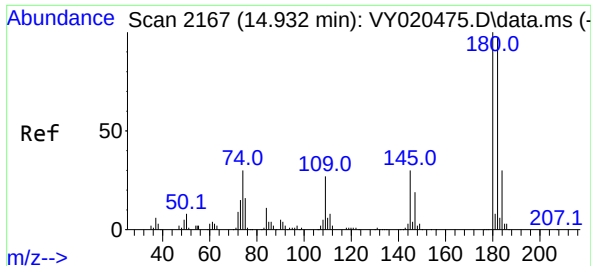
Tgt Ion: 75 Resp: 64916
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 129.474 ug/l
RT: 12.414 min Scan# 1754
Delta R.T. 0.110 min
Lab File: VY020478.D
Acq: 02 Dec 2024 11:32

Tgt Ion: 75 Resp: 64916
Ion Ratio Lower Upper
75 100
53 0.0 81.1 121.7#
89 0.1 35.1 52.7#

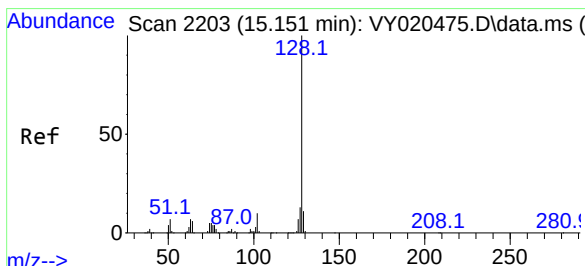
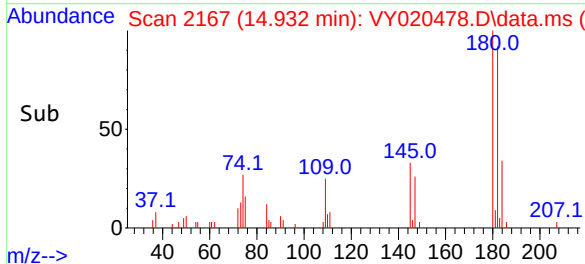
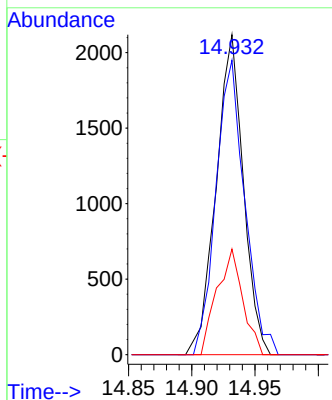
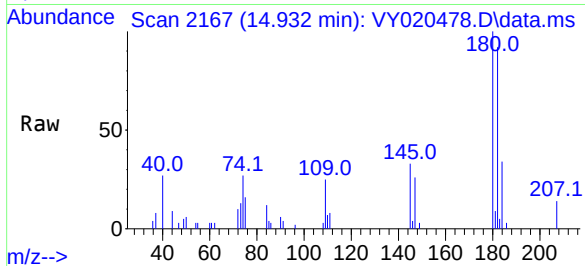




#93
1,2,4-Trichlorobenzene
Concen: 1.701 ug/l
RT: 14.932 min Scan# 2166
Delta R.T. 0.012 min
Lab File: VY020478.D
Acq: 02 Dec 2024 11:32

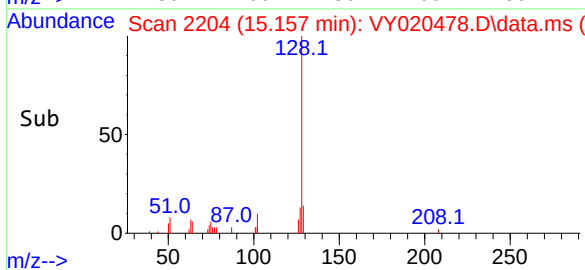
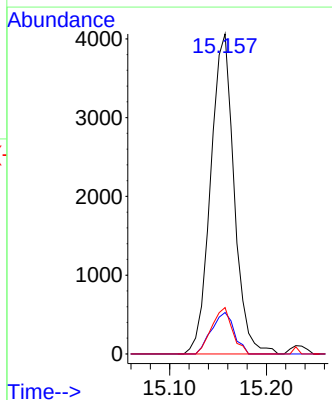
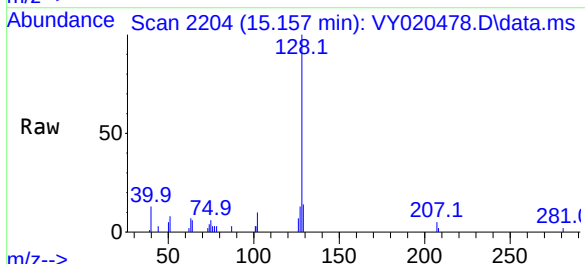
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

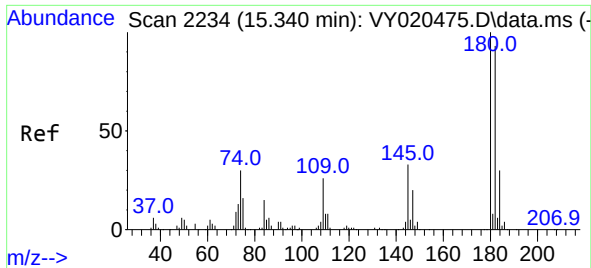
Tgt Ion:	180	Resp:	3166
Ion	Ratio	Lower	Upper
180	100		
182	96.9	47.6	142.8
145	31.3	15.8	47.3



#95
Naphthalene
Concen: 2.273 ug/l
RT: 15.157 min Scan# 2204
Delta R.T. 0.012 min
Lab File: VY020478.D
Acq: 02 Dec 2024 11:32

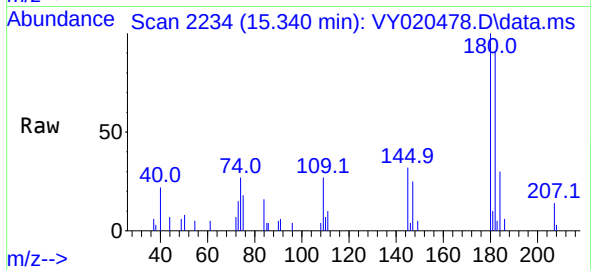
Tgt Ion:	128	Resp:	6846
Ion	Ratio	Lower	Upper
128	100		
127	12.5	10.5	15.7
129	12.8	8.6	13.0





#96
1,2,3-Trichlorobenzene
Concen: 2.064 ug/l
RT: 15.340 min Scan# 21
Delta R.T. 0.012 min
Lab File: VY020478.D
Acq: 02 Dec 2024 11:32

Instrument :
MSVOA_Y
ClientSampleId :
VIBLK



Tgt Ion:	180	Resp:	3099
Ion	Ratio	Lower	Upper
180	100		
182	101.0	47.4	142.3
145	33.8	16.9	50.6

