

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060622\
 Data File : VY009149.D
 Acq On : 06 Jun 2022 15:51
 Operator : KP/MD
 Sample : N3170-02
 Misc : 5.07g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

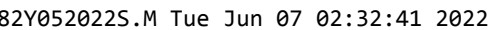
Quant Time: Jun 07 02:32:37 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052022S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 20 23:50:52 2022
 Response via : Initial Calibration

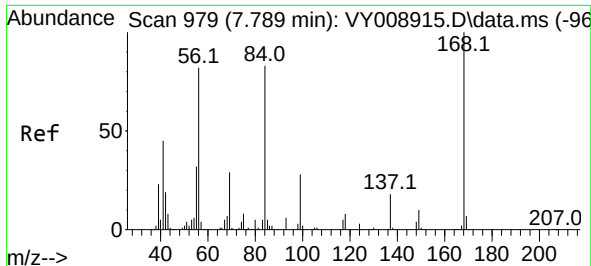
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.789	168	108188	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	194979	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	186185	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	83567	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	72123	64.774	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 129.540%	
35) Dibromofluoromethane	7.716	113	61850	51.012	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 102.020%	
50) Toluene-d8	10.179	98	247006	55.222	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 110.440%	
62) 4-Bromofluorobenzene	12.477	95	77003	42.677	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 85.360%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.954	59	347	3.072	ug/l #	77
13) Acrolein	3.723	56	92	2.475	ug/l #	14
16) Acetone	3.936	43	8449	36.454	ug/l	94
20) Methylene Chloride	4.710	84	2641	Below Cal	#	75
25) 2-Butanone	6.972	43	3756	9.073	ug/l	91
31) Cyclohexane	7.783	56	3562	1.635	ug/l #	35
36) 1,1-Dichloropropene	7.783	75	9537	4.622	ug/l #	51
37) Ethyl Acetate	6.972	43	3756	3.509	ug/l #	74
38) Carbon Tetrachloride	7.783	117	10822	5.014	ug/l #	15
39) Methylcyclohexane	9.149	83	4192	1.574	ug/l #	57
55) 1,1,2-Trichloroethane	10.618	97	6034	4.748	ug/l #	20
56) Ethyl methacrylate	10.478	69	7476	4.601	ug/l #	78
59) 2-Hexanone	10.801	43	18852	24.999	ug/l #	32
74) N-amyl acetate	12.124	43	14224	9.866	ug/l #	66
75) 1,1,2,2-Tetrachloroethane	12.544	83	1908	1.482	ug/l #	26
76) 1,2,3-Trichloropropane	12.477	75	43976	49.003	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	43976	100.579	ug/l #	8

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

Quant Time: Jun 07 02:32:37 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052022S.M
Quant Title : SW846 8260
QLast Update : Fri May 20 23:50:52 2022
Response via : Initial Calibration

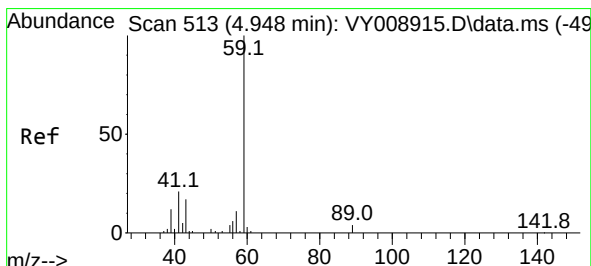
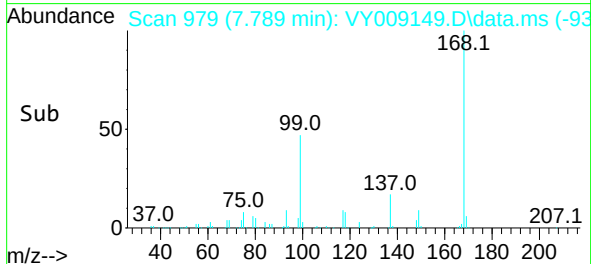
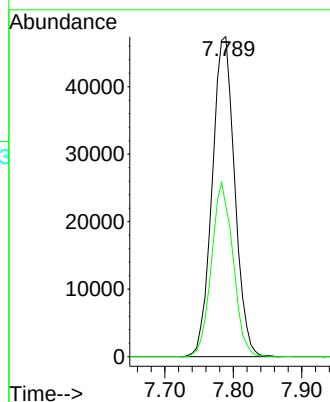
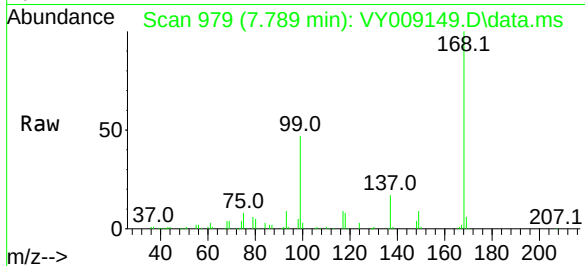




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY009149.D
Acq: 06 Jun 2022 15:51

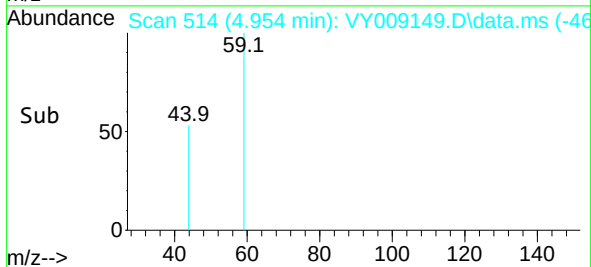
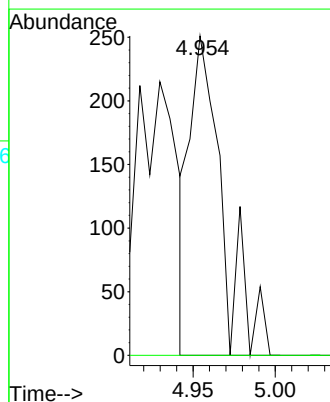
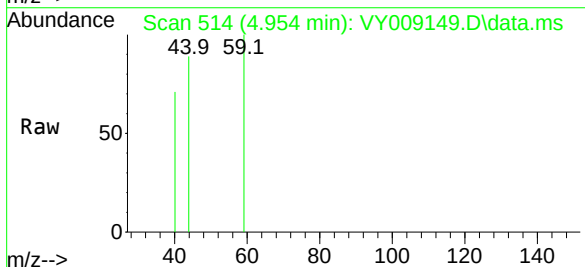
Instrument :
MSVOA_Y
ClientSampleId :

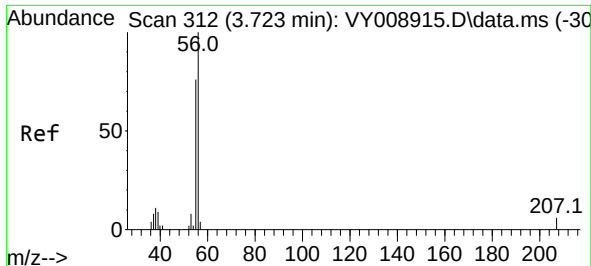
Tgt Ion:168 Resp: 108188
Ion Ratio Lower Upper
168 100
99 47.2 46.9 70.3



#11
Tert butyl alcohol
Concen: 3.072 ug/l
RT: 4.954 min Scan# 514
Delta R.T. 0.006 min
Lab File: VY009149.D
Acq: 06 Jun 2022 15:51

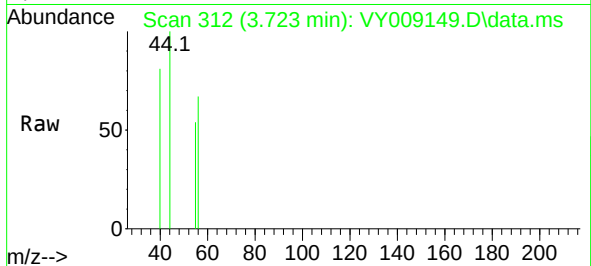
Tgt Ion: 59 Resp: 347
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#



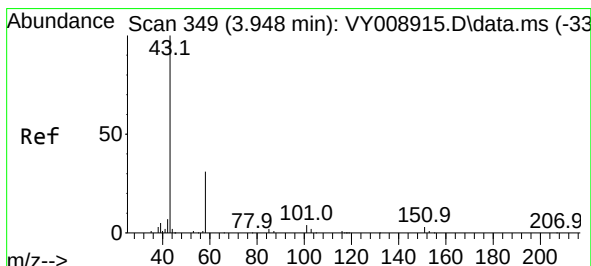
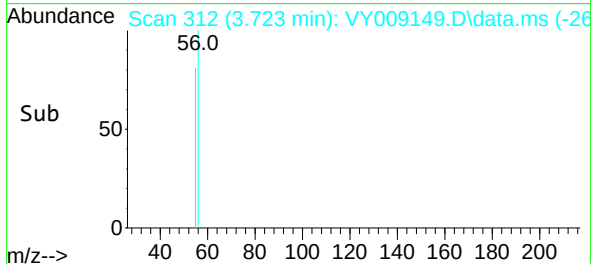
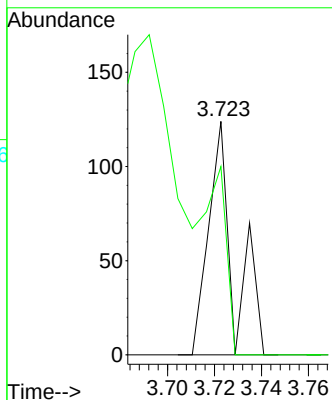


#13
Acrolein
Concen: 2.475 ug/l
RT: 3.723 min Scan# 312
Delta R.T. -0.000 min
Lab File: VY009149.D
Acq: 06 Jun 2022 15:51

Instrument :
MSVOA_Y
ClientSampleId :

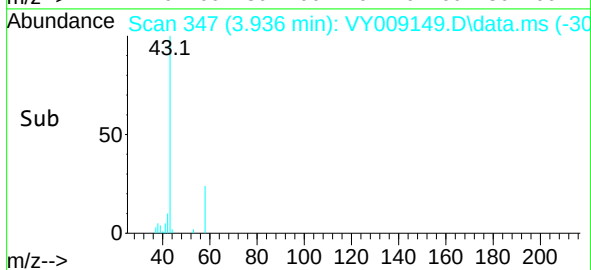
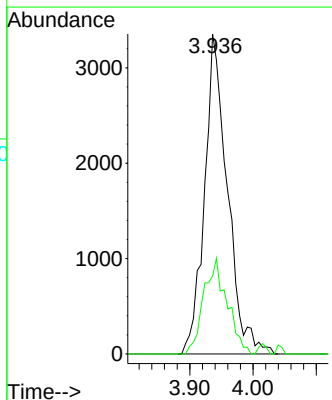
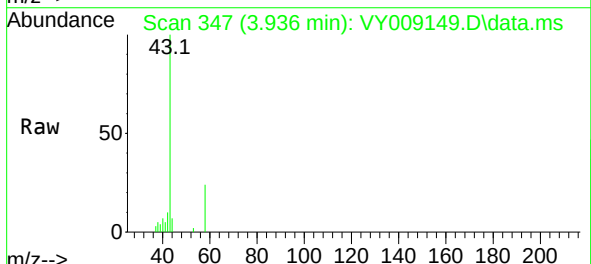


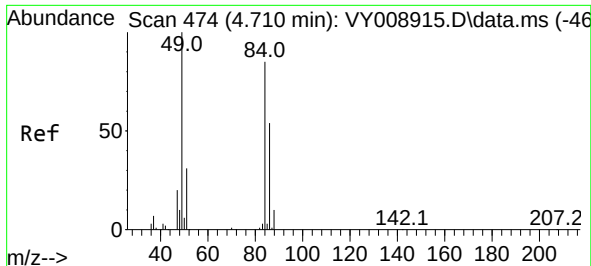
Tgt Ion: 56 Resp: 92
Ion Ratio Lower Upper
56 100
55 0.0 57.6 86.4#



#16
Acetone
Concen: 36.454 ug/l
RT: 3.936 min Scan# 347
Delta R.T. -0.012 min
Lab File: VY009149.D
Acq: 06 Jun 2022 15:51

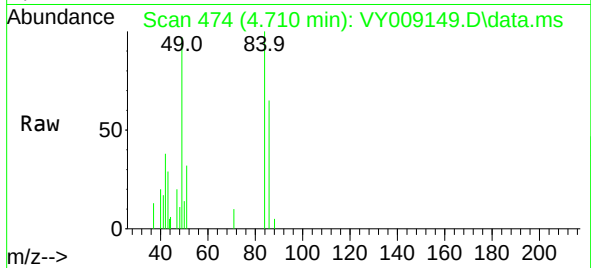
Tgt Ion: 43 Resp: 8449
Ion Ratio Lower Upper
43 100
58 24.4 22.0 33.0



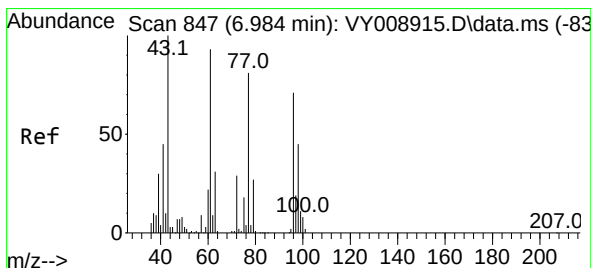
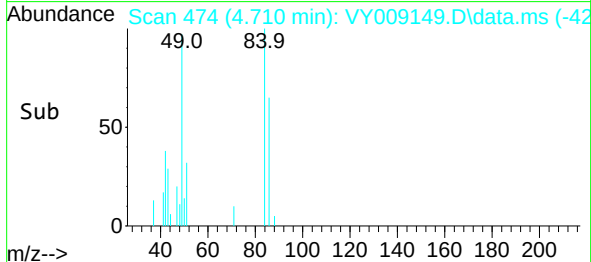
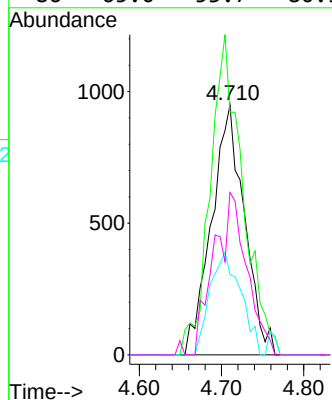


#20
Methylene Chloride
Concen: Below Cal
RT: 4.710 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY009149.D
Acq: 06 Jun 2022 15:51

Instrument :
MSVOA_Y
ClientSampleId :

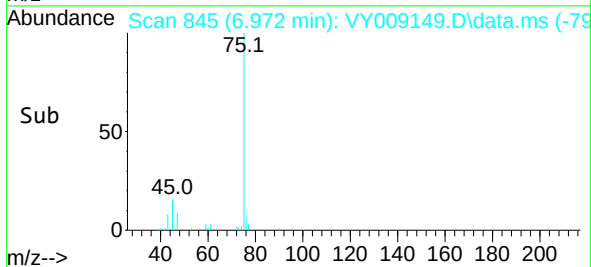
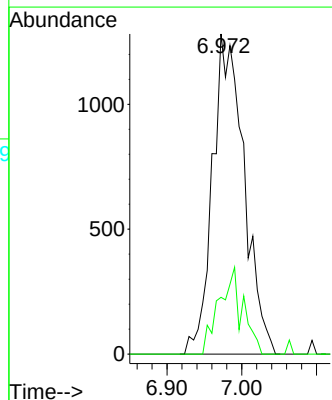
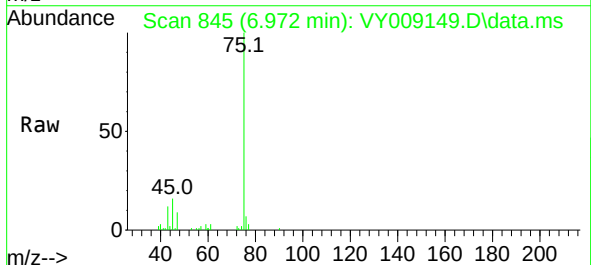


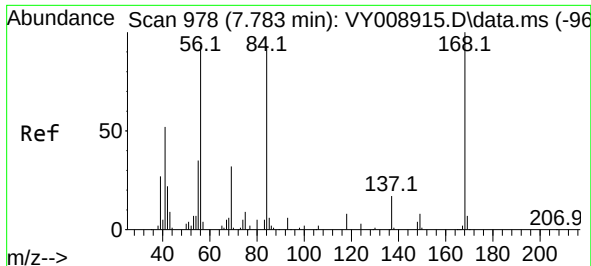
Tgt Ion: 84 Resp: 2641
Ion Ratio Lower Upper
84 100
49 97.0 114.4 171.6#
51 32.2 35.3 52.9#
86 65.0 53.7 80.5



#25
2-Butanone
Concen: 9.073 ug/l
RT: 6.972 min Scan# 845
Delta R.T. -0.012 min
Lab File: VY009149.D
Acq: 06 Jun 2022 15:51

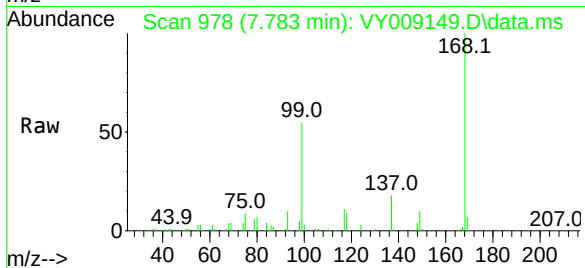
Tgt Ion: 43 Resp: 3756
Ion Ratio Lower Upper
43 100
72 17.7 17.7 26.5



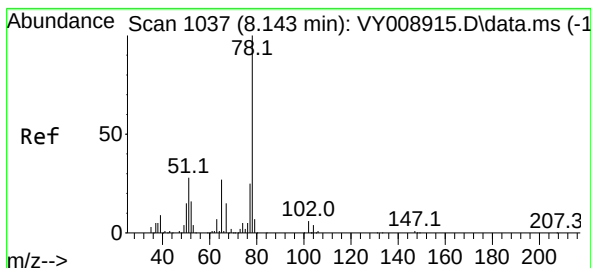
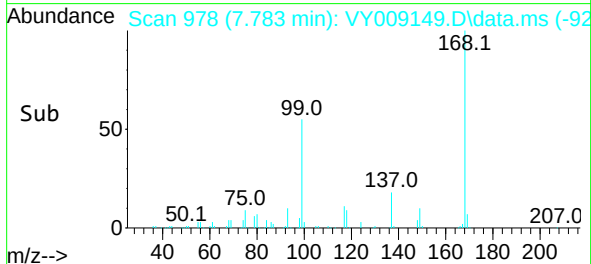
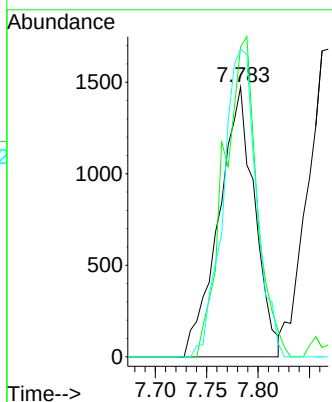


#31
Cyclohexane
Concen: 1.635 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009149.D
Acq: 06 Jun 2022 15:51

Instrument :
MSVOA_Y
ClientSampleId :

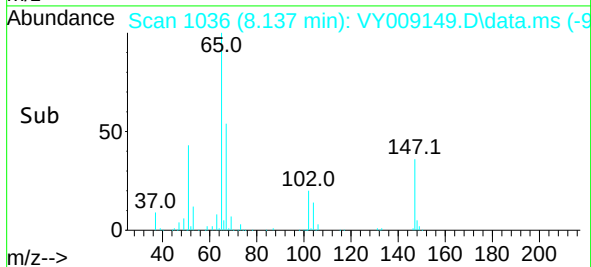
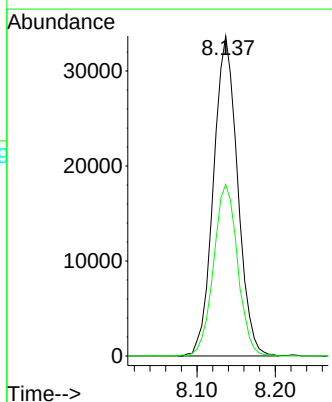
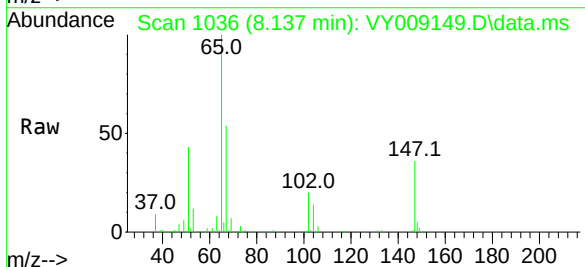


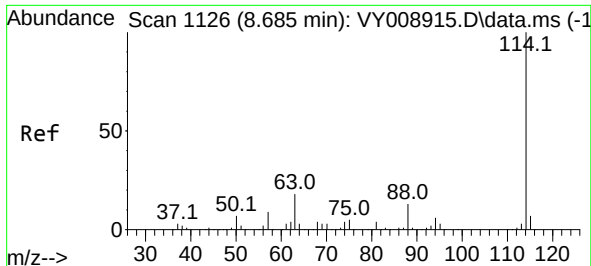
Tgt Ion: 56 Resp: 3562
Ion Ratio Lower Upper
56 100
69 114.9 26.7 40.1#
84 114.1 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 64.774 ug/l
RT: 8.137 min Scan# 1036
Delta R.T. -0.006 min
Lab File: VY009149.D
Acq: 06 Jun 2022 15:51

Tgt Ion: 65 Resp: 72123
Ion Ratio Lower Upper
65 100
67 53.4 0.0 99.4

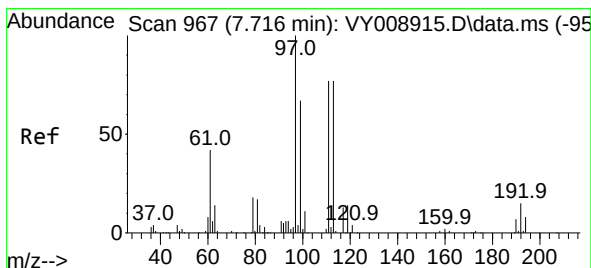
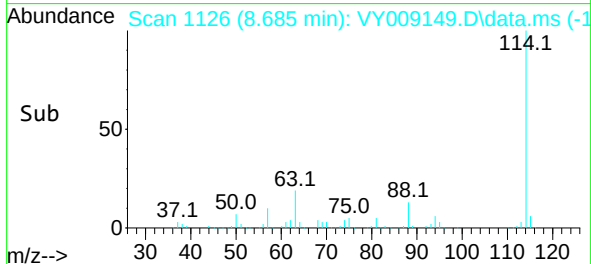
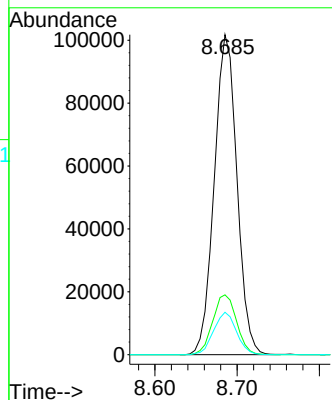
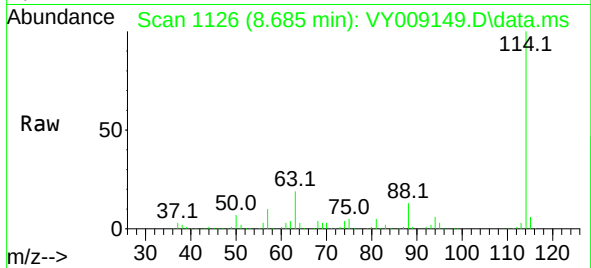




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY009149.D
Acq: 06 Jun 2022 15:51

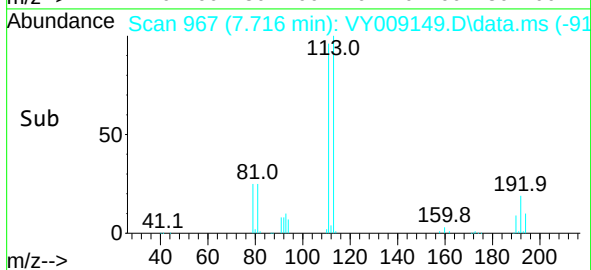
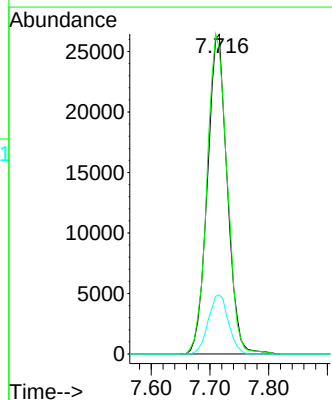
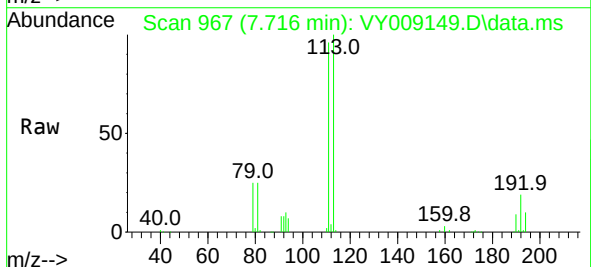
Instrument :
MSVOA_Y
ClientSampleId :

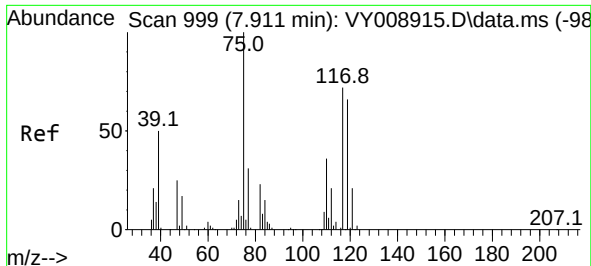
Tgt Ion:114 Resp: 194979
Ion Ratio Lower Upper
114 100
63 18.7 0.0 43.2
88 13.3 0.0 31.8



#35
Dibromofluoromethane
Concen: 51.012 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY009149.D
Acq: 06 Jun 2022 15:51

Tgt Ion:113 Resp: 61850
Ion Ratio Lower Upper
113 100
111 101.8 82.6 124.0
192 18.8 17.6 26.4

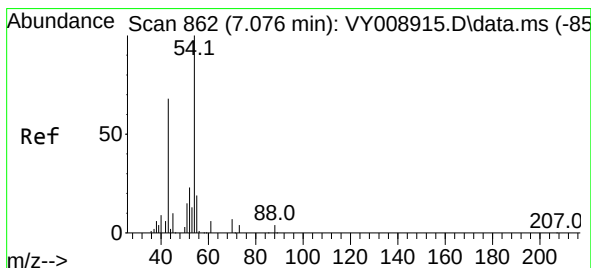
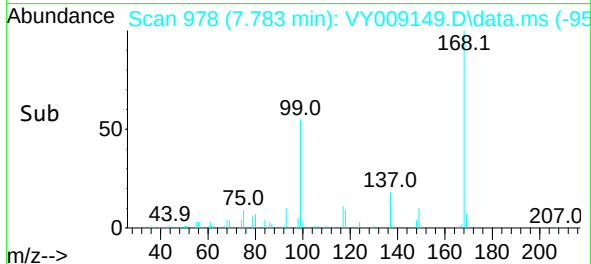
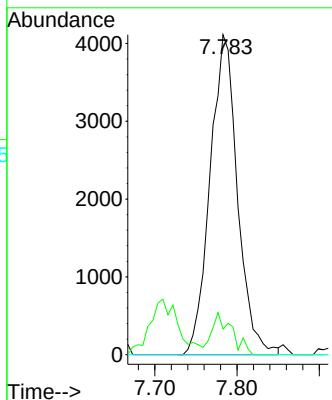
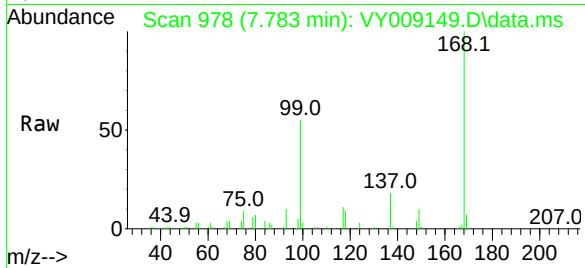




#36
1,1-Dichloropropene
Concen: 4.622 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.128 min
Lab File: VY009149.D
Acq: 06 Jun 2022 15:51

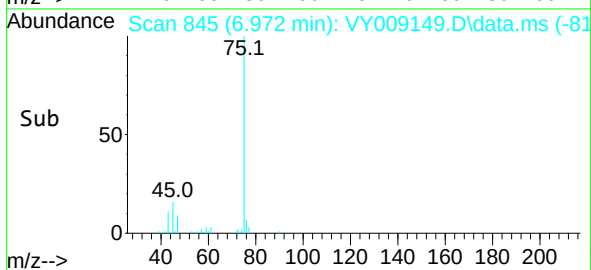
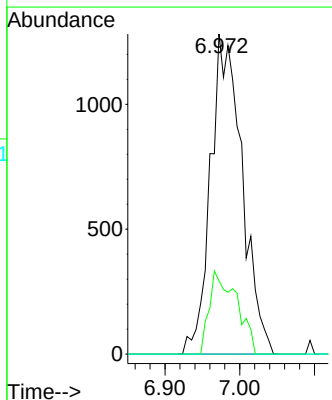
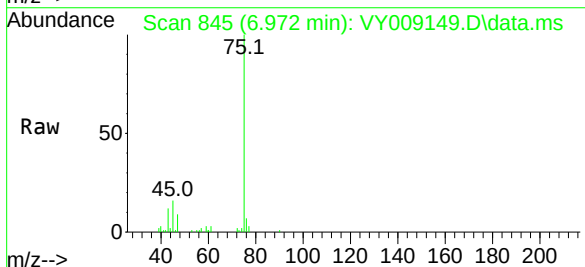
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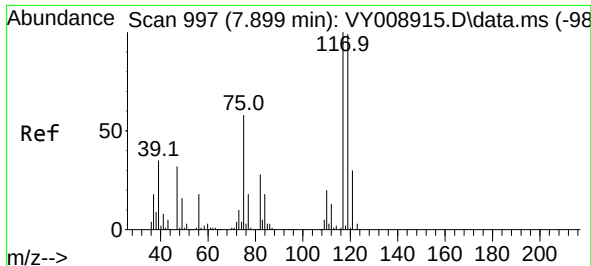
Tgt Ion: 75 Resp: 9537
Ion Ratio Lower Upper
75 100
110 9.6 17.1 51.2#
77 0.0 24.4 36.6#



#37
Ethyl Acetate
Concen: 3.509 ug/l
RT: 6.972 min Scan# 845
Delta R.T. -0.104 min
Lab File: VY009149.D
Acq: 06 Jun 2022 15:51

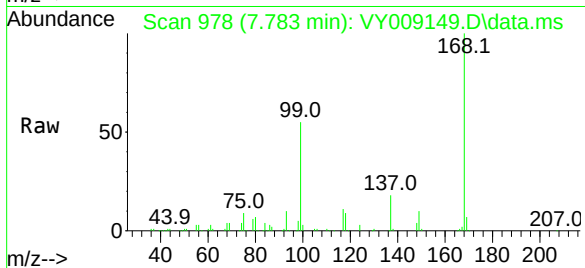
Tgt Ion: 43 Resp: 3756
Ion Ratio Lower Upper
43 100
61 22.5 9.7 14.5#
70 0.0 7.1 10.7#



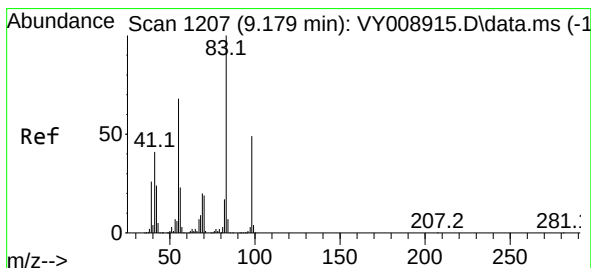
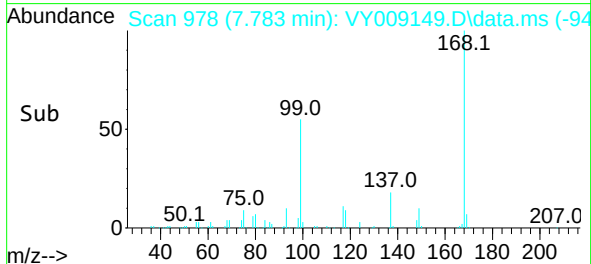
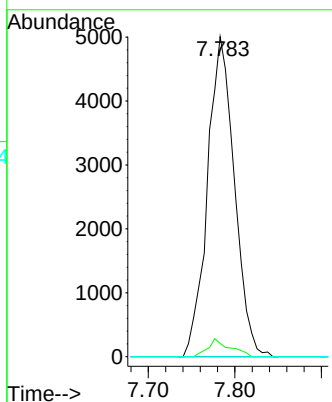


#38
Carbon Tetrachloride
Concen: 5.014 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY009149.D
Acq: 06 Jun 2022 15:51

Instrument :
MSVOA_Y
ClientSampleId :

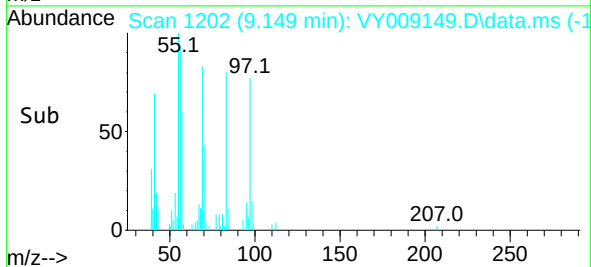
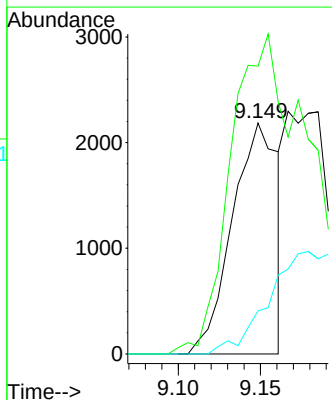
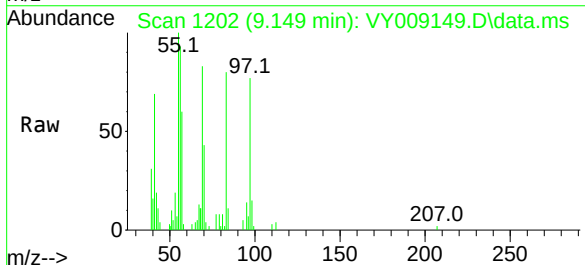


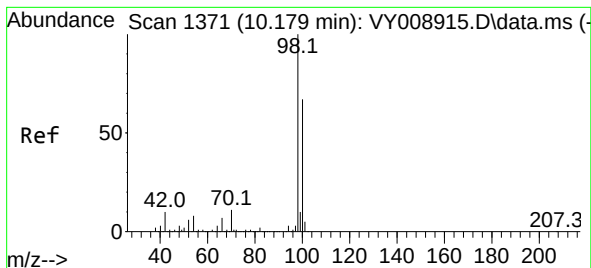
Tgt Ion:117 Resp: 10822
Ion Ratio Lower Upper
117 100
119 4.2 77.9 116.9#
121 0.0 24.8 37.2#



#39
Methylcyclohexane
Concen: 1.574 ug/l
RT: 9.149 min Scan# 1202
Delta R.T. -0.030 min
Lab File: VY009149.D
Acq: 06 Jun 2022 15:51

Tgt Ion: 83 Resp: 4192
Ion Ratio Lower Upper
83 100
55 122.0 66.5 99.7#
98 18.6 37.9 56.9#

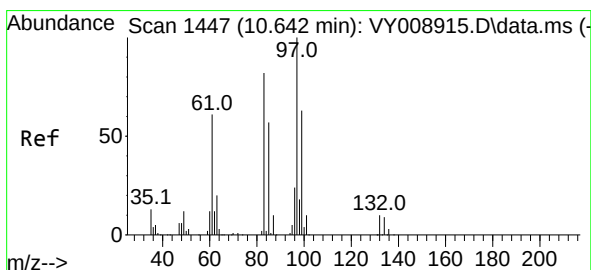
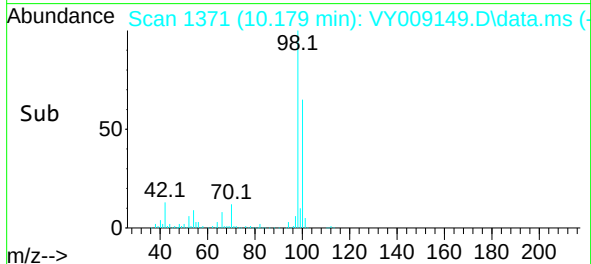
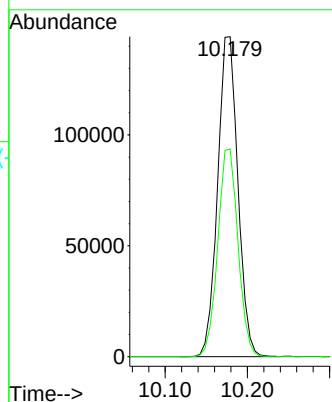
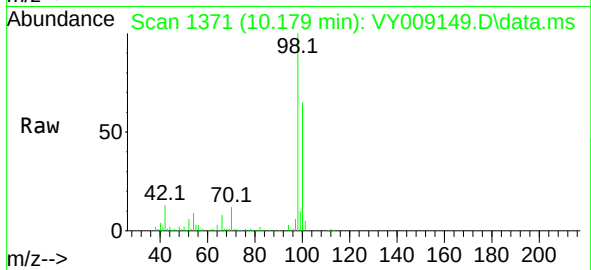




#50
Toluene-d8
Concen: 55.222 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY009149.D
Acq: 06 Jun 2022 15:51

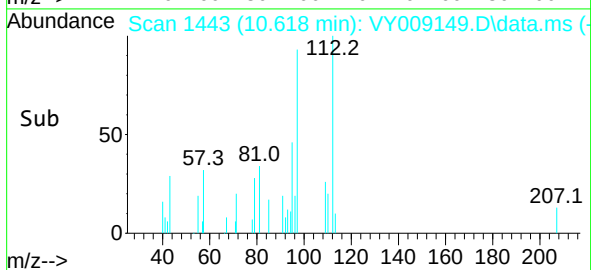
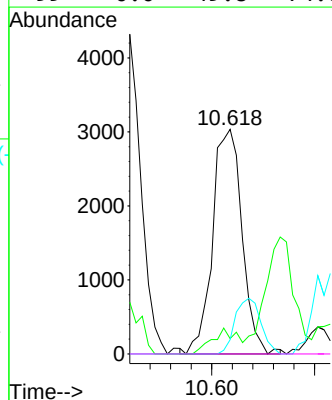
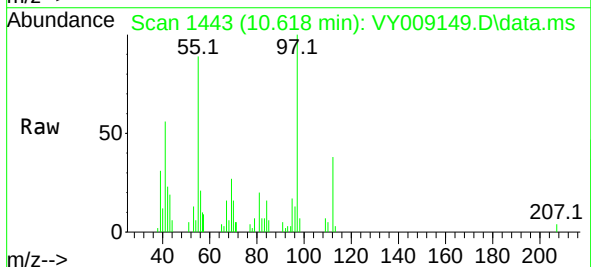
Instrument :
MSVOA_Y
ClientSampleId :

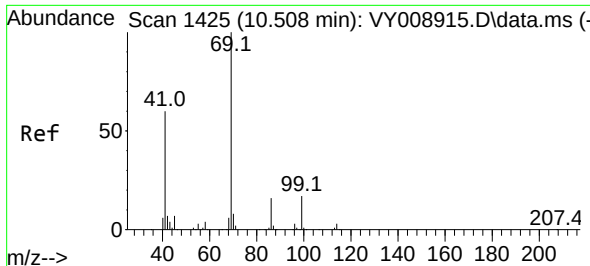
Tgt Ion: 98 Resp: 247006
Ion Ratio Lower Upper
98 100
100 64.9 50.2 75.2



#55
1,1,2-Trichloroethane
Concen: 4.748 ug/l
RT: 10.618 min Scan# 1443
Delta R.T. -0.024 min
Lab File: VY009149.D
Acq: 06 Jun 2022 15:51

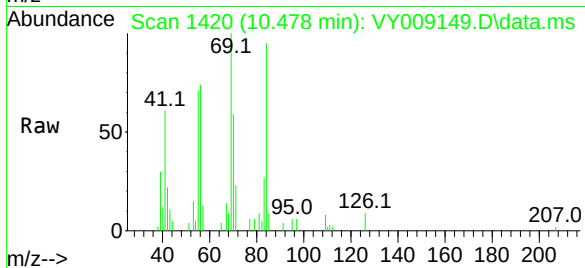
Tgt Ion: 97 Resp: 6034
Ion Ratio Lower Upper
97 100
83 7.0 69.8 104.8#
85 6.5 44.3 66.5#
99 0.0 49.8 74.6#



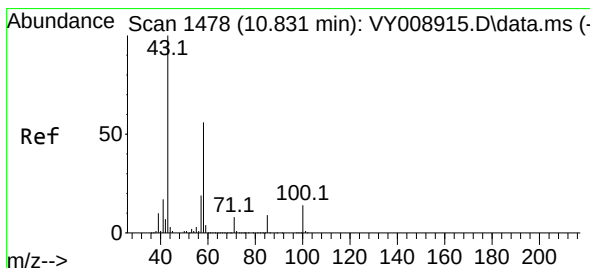
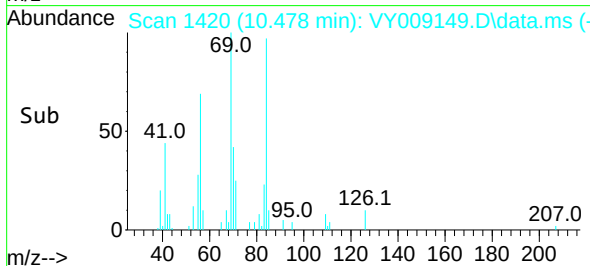
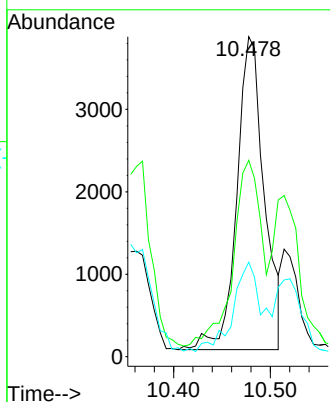


#56
Ethyl methacrylate
Concen: 4.601 ug/l
RT: 10.478 min Scan# 1420
Delta R.T. -0.030 min
Lab File: VY009149.D
Acq: 06 Jun 2022 15:51

Instrument :
MSVOA_Y
ClientSampleId :

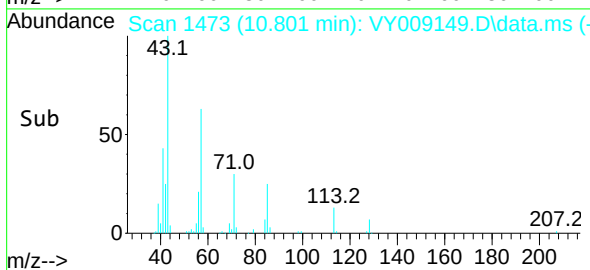
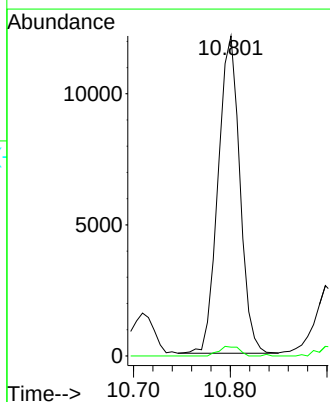
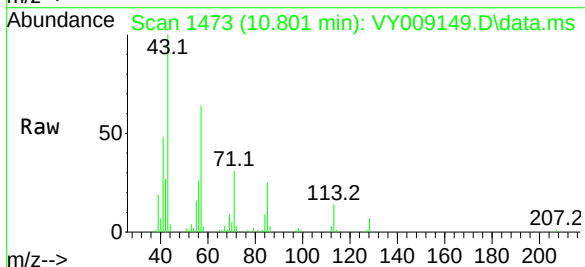


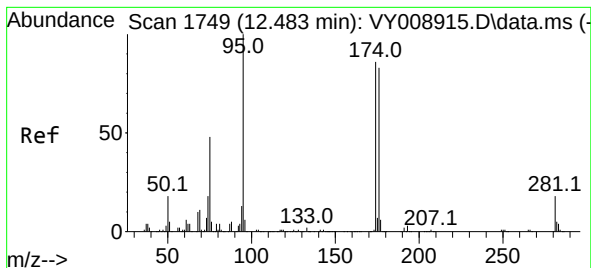
Tgt Ion: 69 Resp: 7476
Ion Ratio Lower Upper
69 100
41 60.4 63.4 95.0#
39 30.5 35.8 53.8#



#59
2-Hexanone
Concen: 24.999 ug/l
RT: 10.801 min Scan# 1473
Delta R.T. -0.030 min
Lab File: VY009149.D
Acq: 06 Jun 2022 15:51

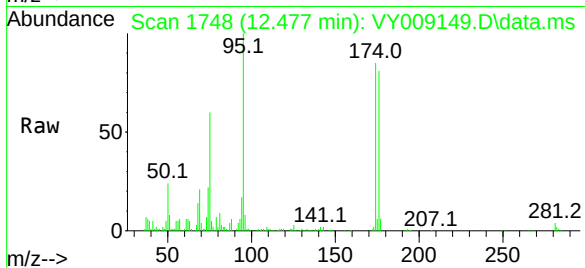
Tgt Ion: 43 Resp: 18852
Ion Ratio Lower Upper
43 100
58 2.8 24.4 73.4#



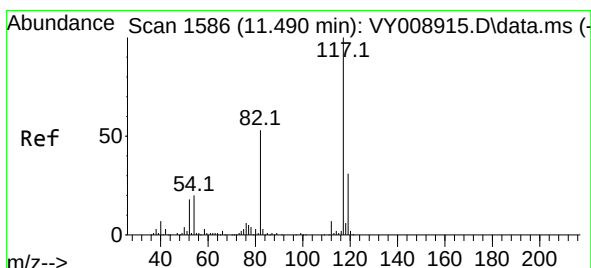
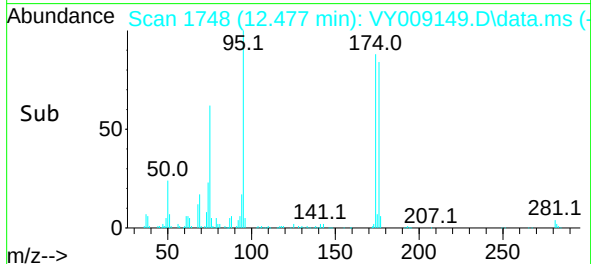
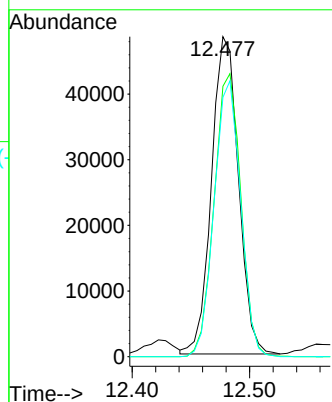


#62
4-Bromofluorobenzene
Concen: 42.677 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY009149.D
Acq: 06 Jun 2022 15:51

Instrument :
MSVOA_Y
ClientSampleId :

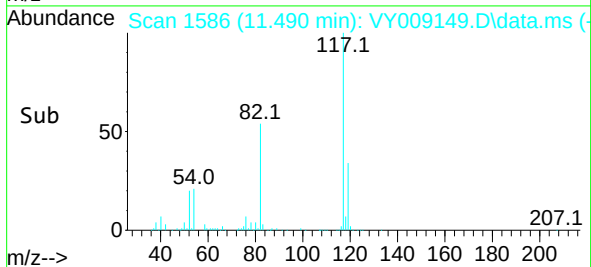
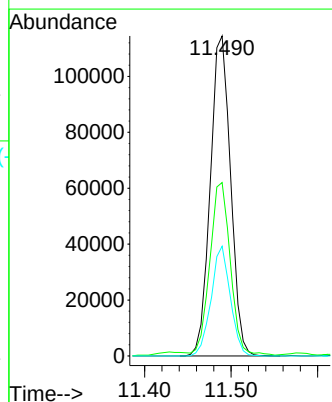
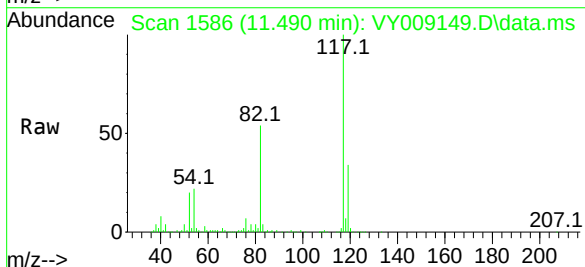


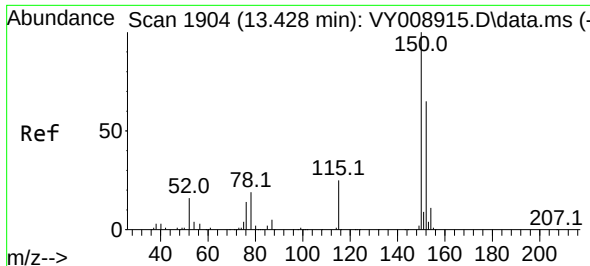
Tgt Ion: 95 Resp: 77003
Ion Ratio Lower Upper
95 100
174 88.4 0.0 177.0
176 85.6 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY009149.D
Acq: 06 Jun 2022 15:51

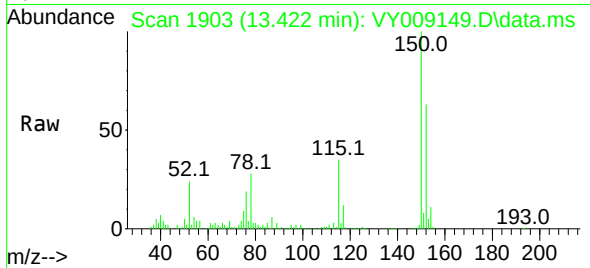
Tgt Ion: 117 Resp: 186185
Ion Ratio Lower Upper
117 100
82 53.8 43.0 64.4
119 34.3 25.4 38.0



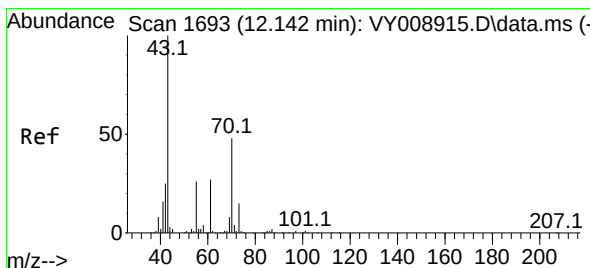
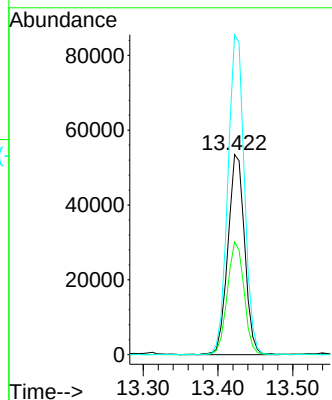
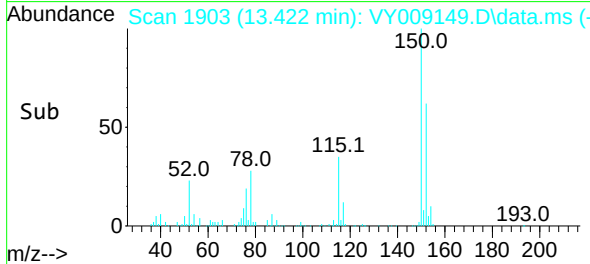


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1904
Delta R.T. -0.006 min
Lab File: VY009149.D
Acq: 06 Jun 2022 15:51

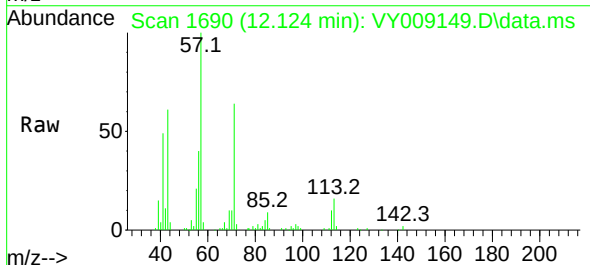
Instrument :
MSVOA_Y
ClientSampleId :



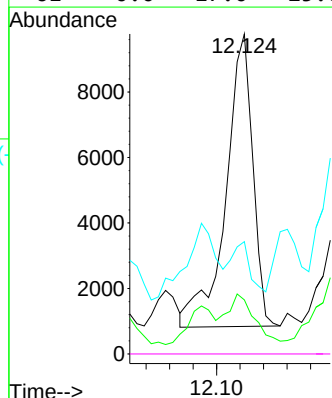
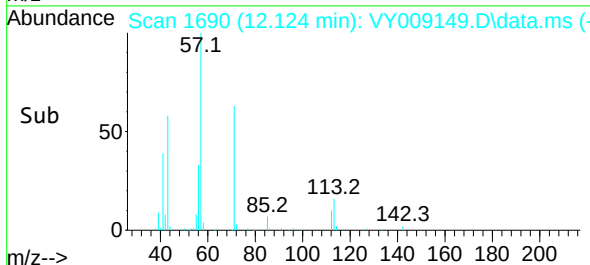
Tgt Ion:152 Resp: 83567
Ion Ratio Lower Upper
152 100
115 56.2 28.2 84.7
150 156.8 0.0 347.6

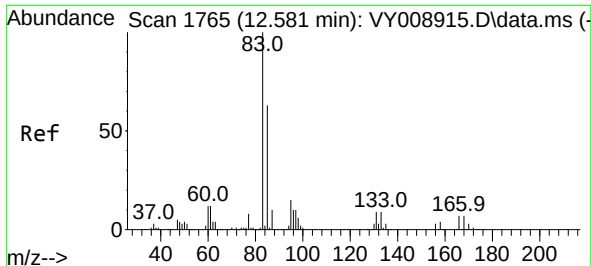


#74
N-ethyl acetate
Concen: 9.866 ug/l
RT: 12.124 min Scan# 1690
Delta R.T. -0.018 min
Lab File: VY009149.D
Acq: 06 Jun 2022 15:51



Tgt Ion: 43 Resp: 14224
Ion Ratio Lower Upper
43 100
70 15.5 28.7 43.1#
55 11.3 17.3 25.9#
61 0.0 17.0 25.6#

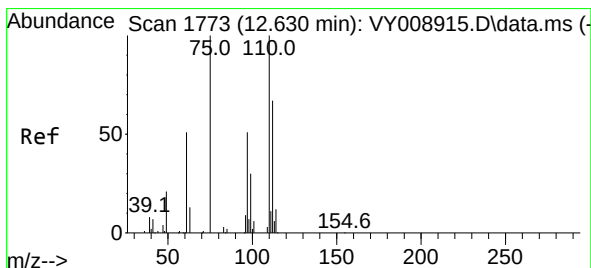
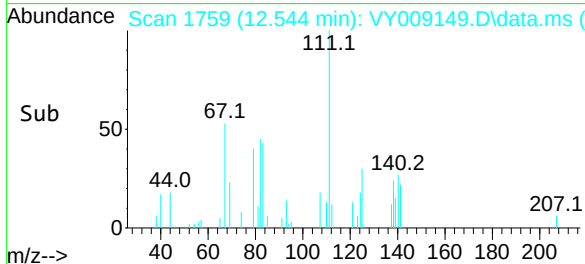
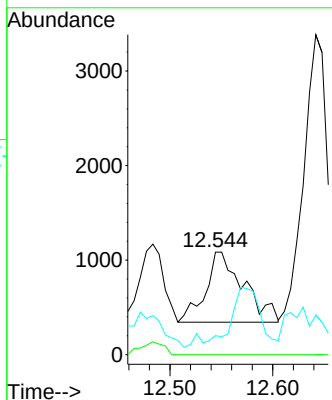
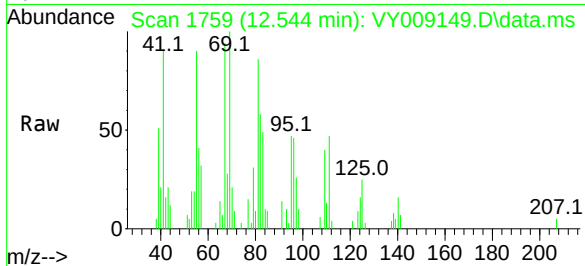




#75
1,1,2,2-Tetrachloroethane
Concen: 1.482 ug/l
RT: 12.544 min Scan# 11
Delta R.T. -0.037 min
Lab File: VY009149.D
Acq: 06 Jun 2022 15:51

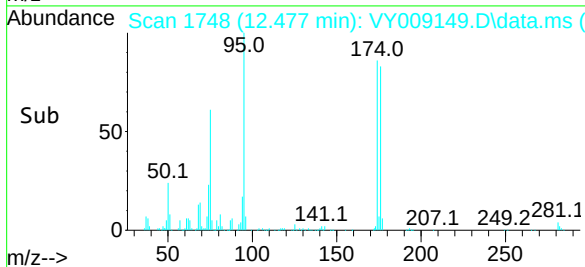
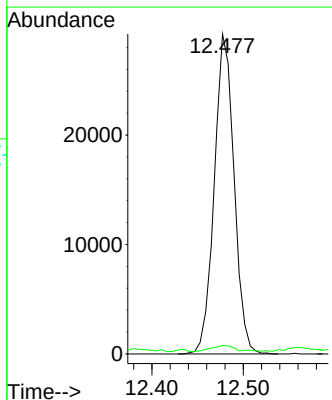
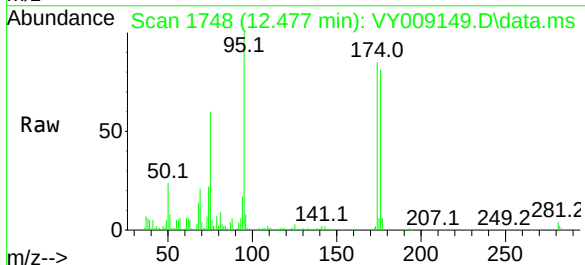
Instrument :
MSVOA_Y
ClientSampleId :

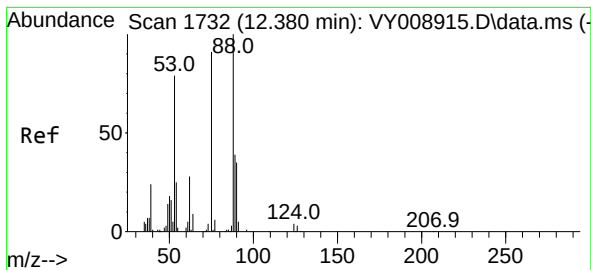
Tgt Ion: 83 Resp: 1908
Ion Ratio Lower Upper
83 100
131 0.0 5.6 16.8#
85 0.0 32.3 96.8#



#76
1,2,3-Trichloropropane
Concen: 49.003 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.153 min
Lab File: VY009149.D
Acq: 06 Jun 2022 15:51

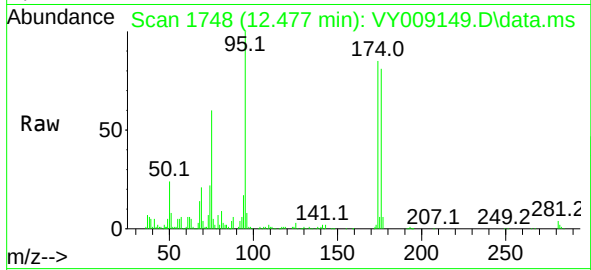
Tgt Ion: 75 Resp: 43976
Ion Ratio Lower Upper
75 100
77 2.4 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 100.579 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.097 min
 Lab File: VY009149.D
 Acq: 06 Jun 2022 15:51

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
75	100		
53	1.8	85.3	127.9#
89	0.1	37.0	55.4#

