

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY083122\
 Data File : VY010240.D
 Acq On : 31 Aug 2022 13:10
 Operator : KP/MD
 Sample : N4414-01
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OK-2-082622

Quant Time: Aug 31 14:45:42 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y083022S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 31 02:23:17 2022
 Response via : Initial Calibration

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

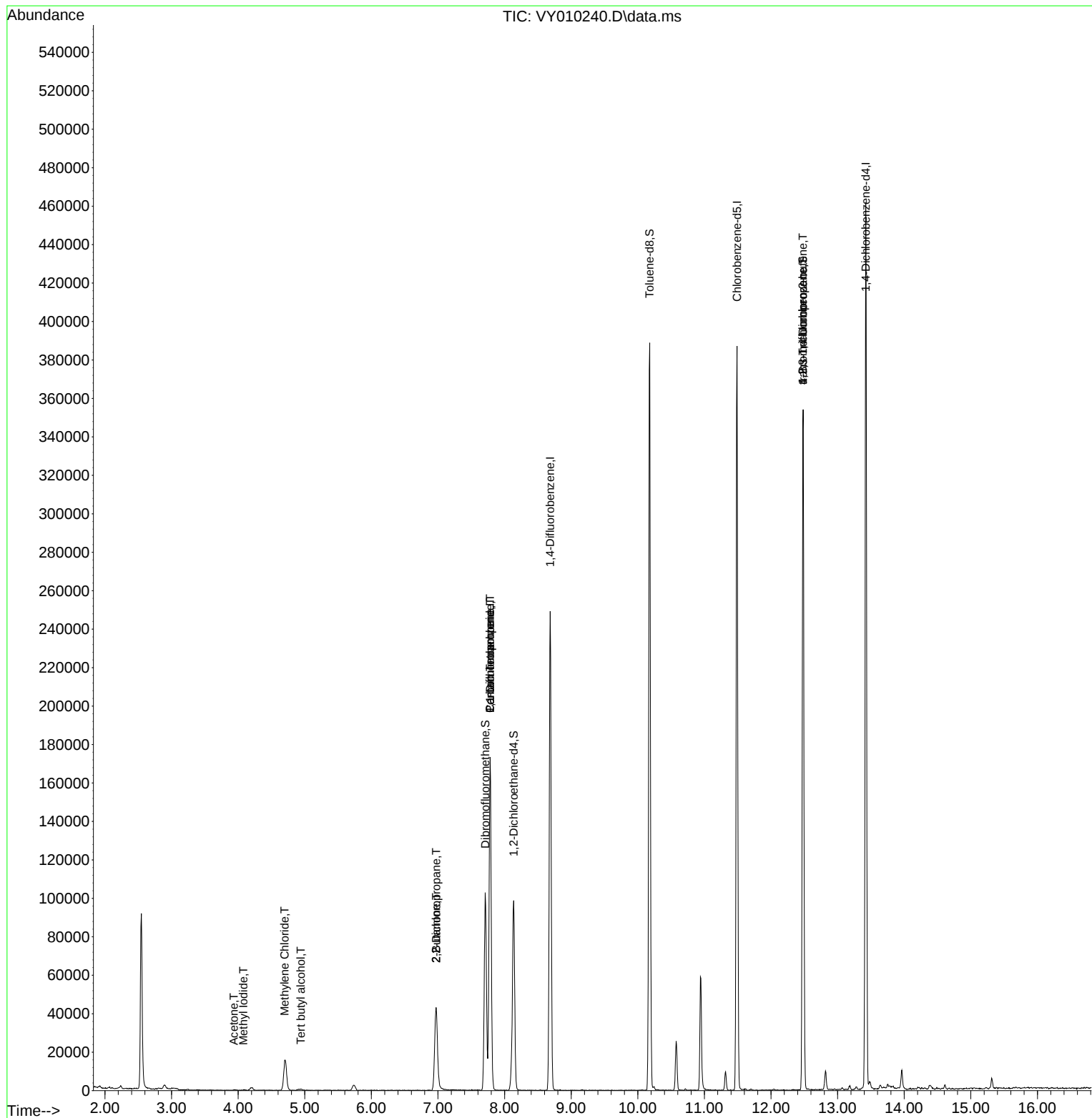
Internal Standards						
1) Pentafluorobenzene	7.783	168	144744	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	229026	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	223682	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	123638	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	75840	62.148	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 124.300%	
35) Dibromofluoromethane	7.710	113	71087	53.991	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 107.980%	
50) Toluene-d8	10.179	98	263601	53.874	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 107.740%	
62) 4-Bromofluorobenzene	12.477	95	105176	57.640	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 115.280%	
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.076	142	370	1.646	ug/l #	67
11) Tert butyl alcohol	4.942	59	814	6.676	ug/l #	77
16) Acetone	3.936	43	662	2.584	ug/l #	47
20) Methylene Chloride	4.698	84	12465	8.262	ug/l #	83
25) 2-Butanone	6.972	43	1998	4.527	ug/l #	90
26) 2,2-Dichloropropane	6.972	77	3285	1.577	ug/l #	55
36) 1,1-Dichloropropene	7.783	75	8931	4.471	ug/l #	51
38) Carbon Tetrachloride	7.783	117	13128	5.728	ug/l #	15
76) 1,2,3-Trichloropropane	12.477	75	51207	42.120	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	51207	87.877	ug/l #	7

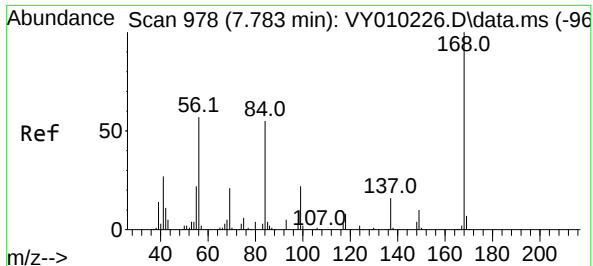
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY083122\
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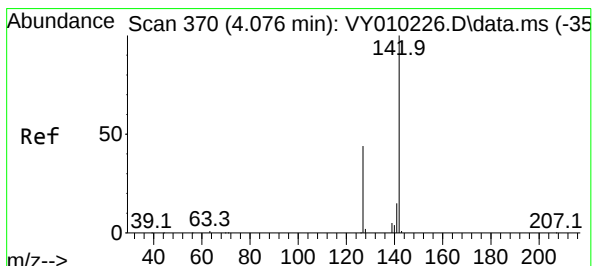
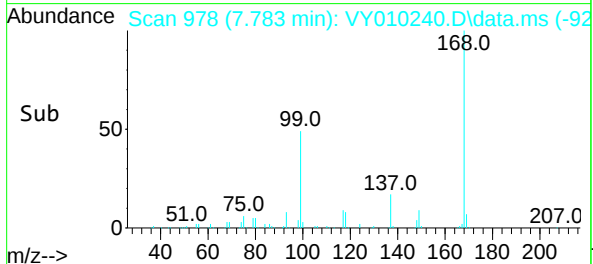
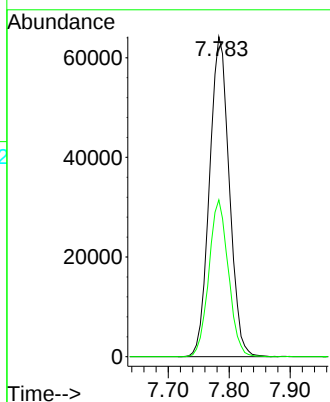
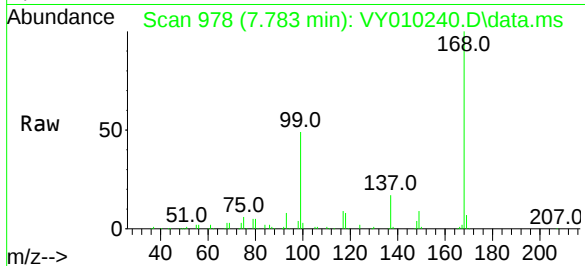




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010240.D
Acq: 31 Aug 2022 13:10

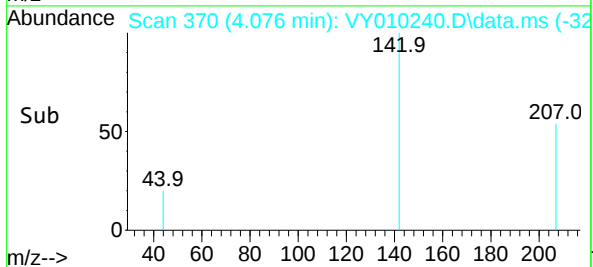
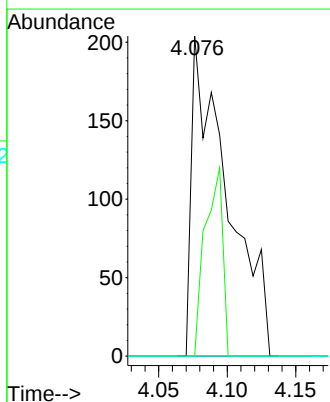
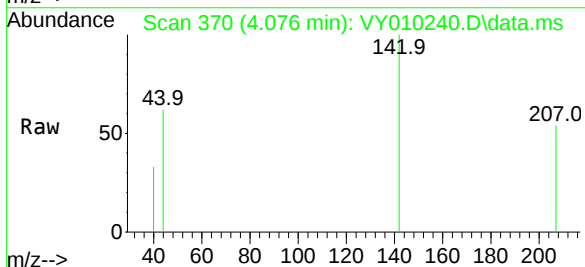
Instrument :
MSVOA_Y
ClientSampleId :
OK-2-082622

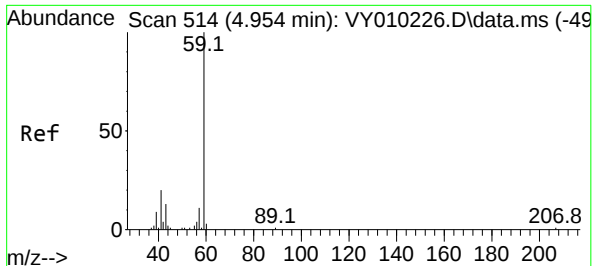
Tgt Ion:168 Resp: 144744
Ion Ratio Lower Upper
168 100
99 49.0 46.9 70.3



#10
Methyl Iodide
Concen: 1.646 ug/l
RT: 4.076 min Scan# 370
Delta R.T. 0.000 min
Lab File: VY010240.D
Acq: 31 Aug 2022 13:10

Tgt Ion:142 Resp: 370
Ion Ratio Lower Upper
142 100
127 28.9 41.5 62.3#
141 0.0 11.9 17.9#





#11

Tert butyl alcohol

Concen: 6.676 ug/l

RT: 4.942 min Scan# 514

Delta R.T. -0.012 min

Lab File: VY010240.D

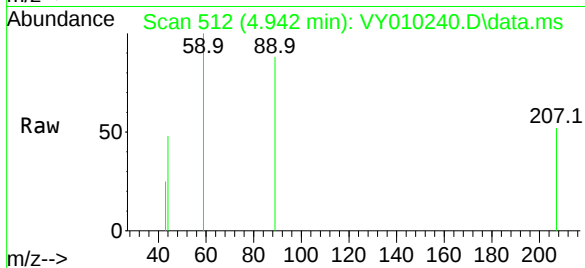
Acq: 31 Aug 2022 13:10

Instrument :

MSVOA_Y

ClientSampleId :

OK-2-082622

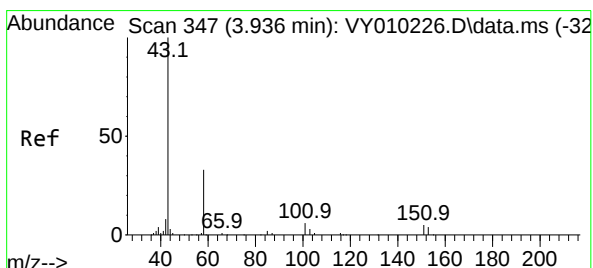
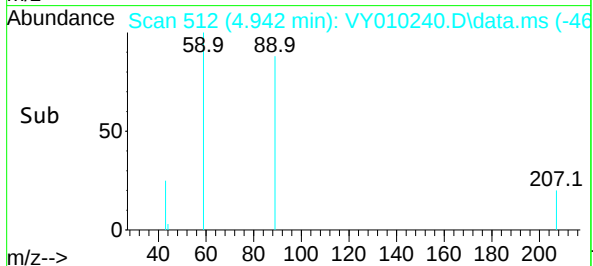
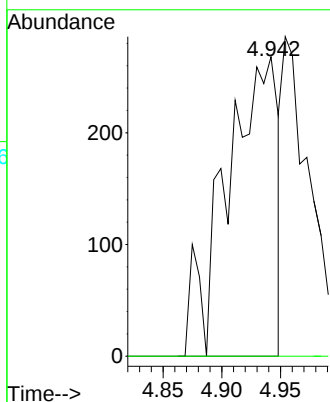


Tgt Ion: 59 Resp: 814

Ion Ratio Lower Upper

59 100

57 0.0 6.4 9.6#



#16

Acetone

Concen: 2.584 ug/l

RT: 3.936 min Scan# 347

Delta R.T. -0.000 min

Lab File: VY010240.D

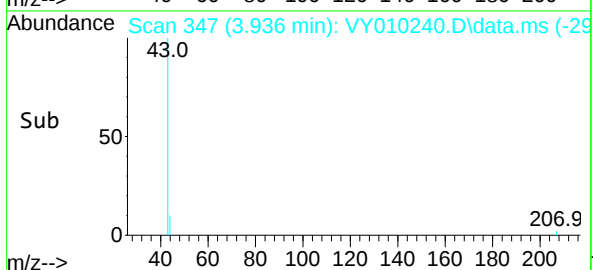
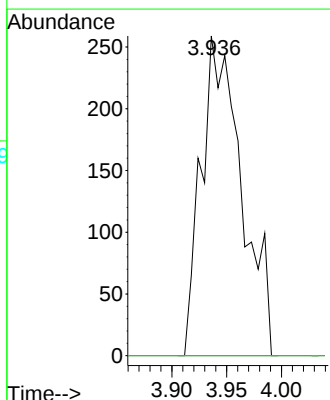
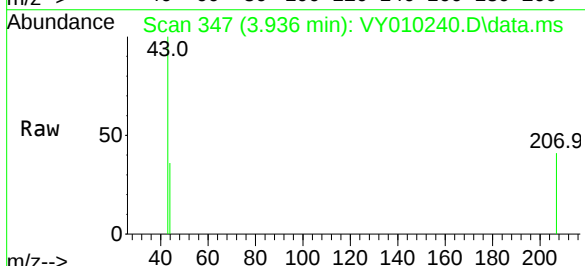
Acq: 31 Aug 2022 13:10

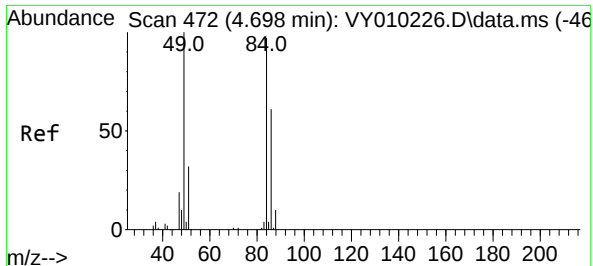
Tgt Ion: 43 Resp: 662

Ion Ratio Lower Upper

43 100

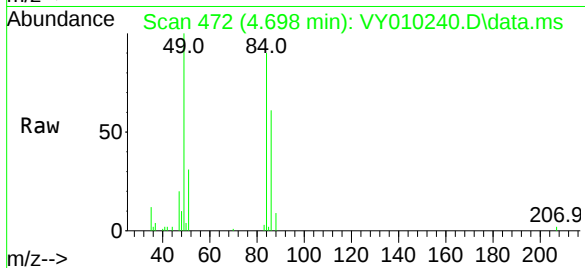
58 0.0 22.0 33.0#



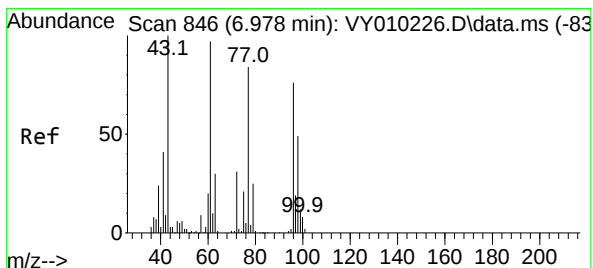
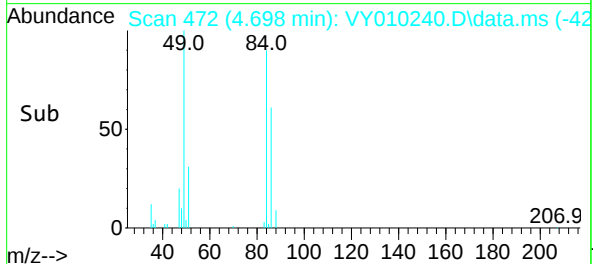
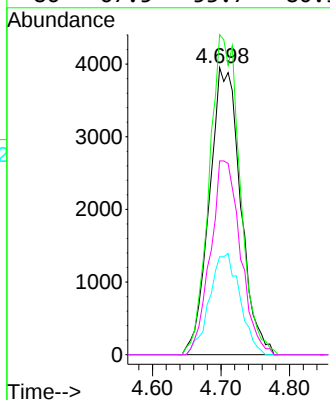


#20
Methylene Chloride
Concen: 8.262 ug/l
RT: 4.698 min Scan# 41
Delta R.T. -0.000 min
Lab File: VY010240.D
Acq: 31 Aug 2022 13:10

Instrument :
MSVOA_Y
ClientSampleId :
OK-2-082622

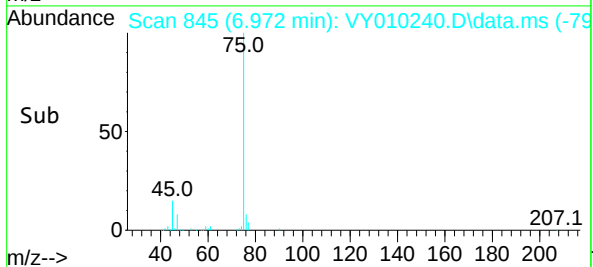
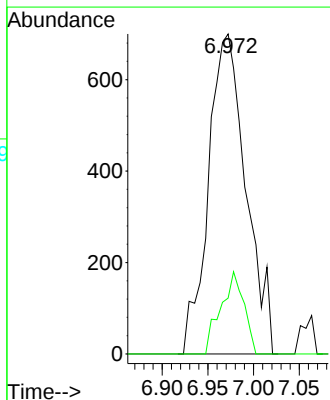
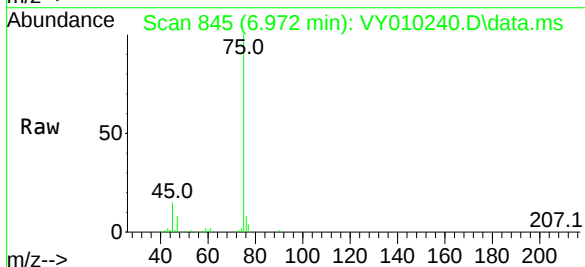


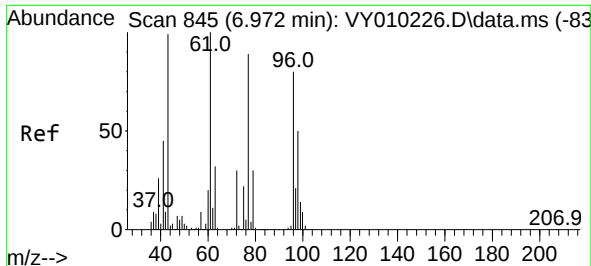
Tgt Ion: 84 Resp: 12465
Ion Ratio Lower Upper
84 100
49 111.5 114.4 171.6#
51 34.1 35.3 52.9#
86 67.5 53.7 80.5



#25
2-Butanone
Concen: 4.527 ug/l
RT: 6.972 min Scan# 845
Delta R.T. -0.006 min
Lab File: VY010240.D
Acq: 31 Aug 2022 13:10

Tgt Ion: 43 Resp: 1998
Ion Ratio Lower Upper
43 100
72 17.4 17.7 26.5#





#26

2,2-Dichloropropane

Concen: 1.577 ug/l

RT: 6.972 min Scan# 845

Delta R.T. -0.000 min

Lab File: VY010240.D

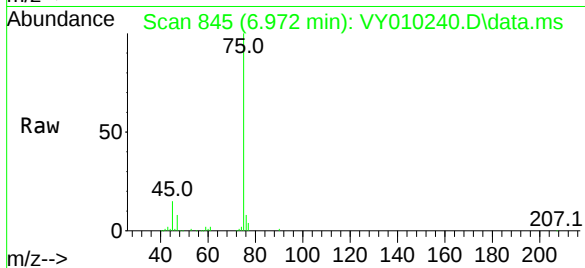
Acq: 31 Aug 2022 13:10

Instrument :

MSVOA_Y

ClientSampleId :

OK-2-082622

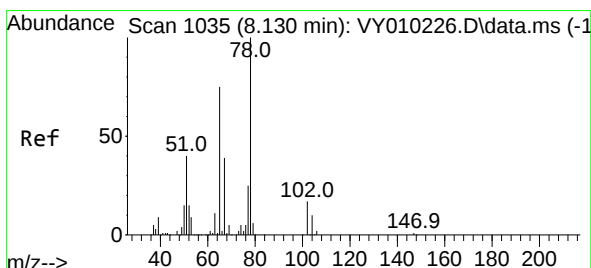
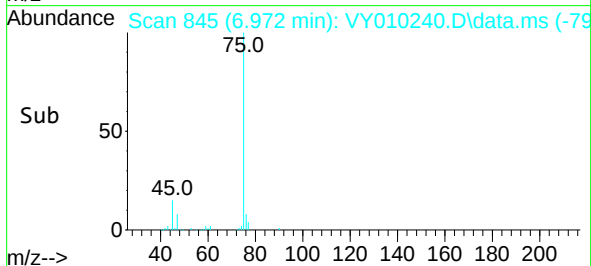
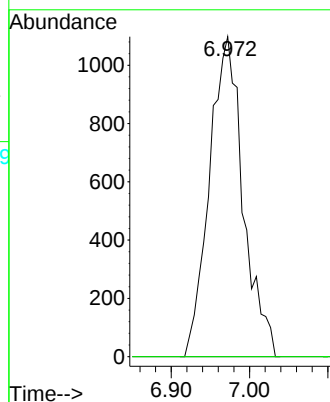


Tgt Ion: 77 Resp: 3285

Ion Ratio Lower Upper

77 100

97 0.0 10.4 31.4#



#33

1,2-Dichloroethane-d4

Concen: 62.148 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. 0.006 min

Lab File: VY010240.D

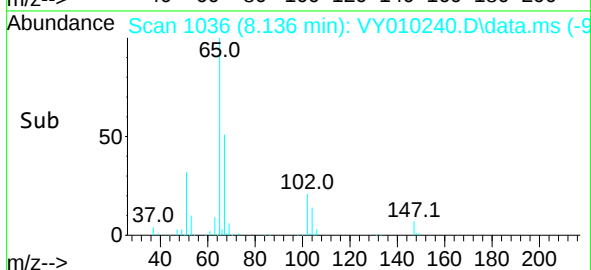
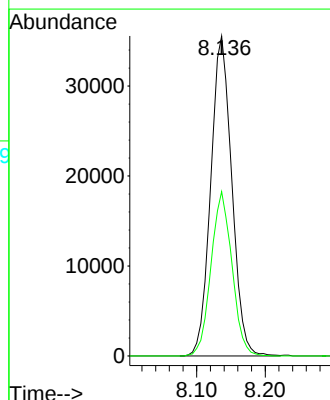
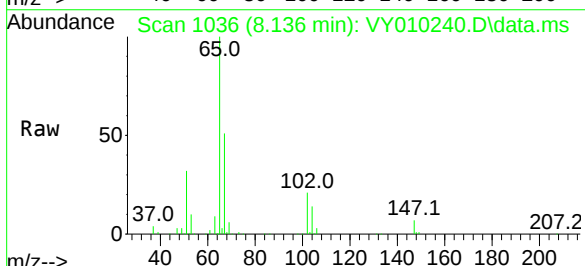
Acq: 31 Aug 2022 13:10

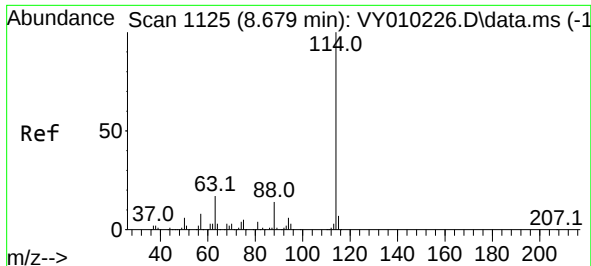
Tgt Ion: 65 Resp: 75840

Ion Ratio Lower Upper

65 100

67 51.1 0.0 99.4

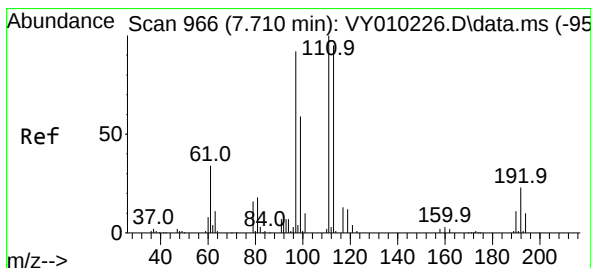
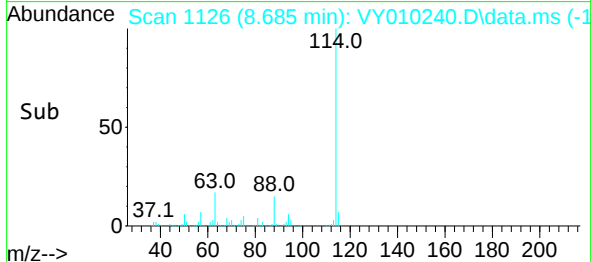
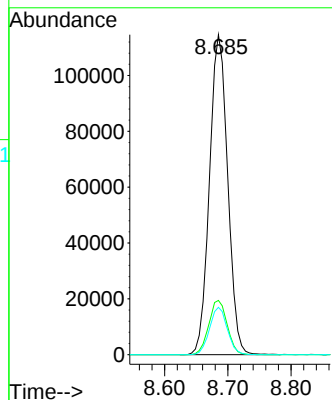
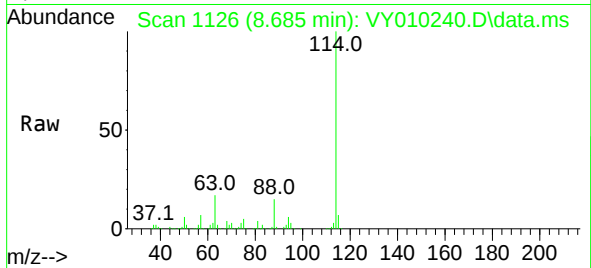




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.006 min
Lab File: VY010240.D
Acq: 31 Aug 2022 13:10

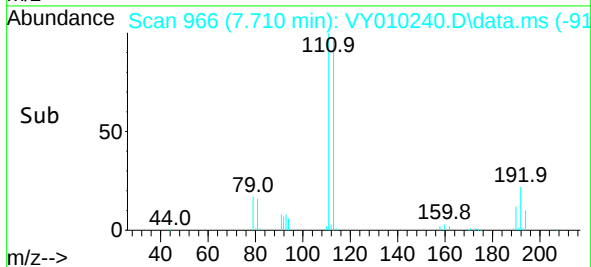
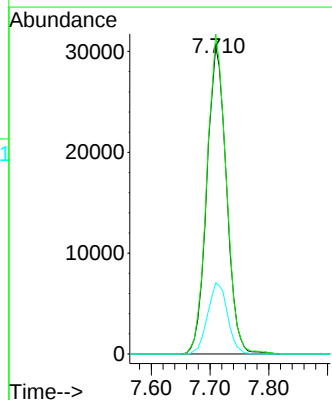
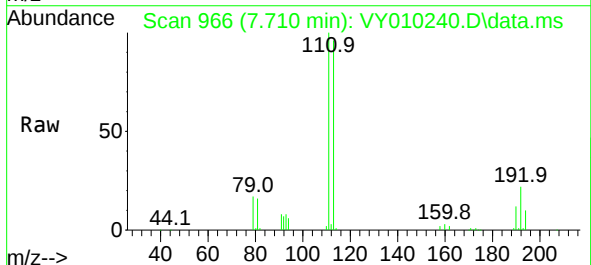
Instrument :
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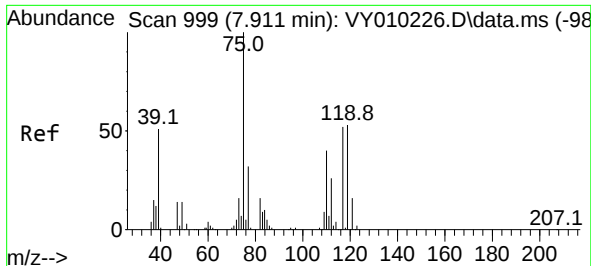
Tgt Ion:114 Resp: 229026
Ion Ratio Lower Upper
114 100
63 17.0 0.0 43.2
88 14.8 0.0 31.8



#35
Dibromofluoromethane
Concen: 53.991 ug/l
RT: 7.710 min Scan# 966
Delta R.T. -0.000 min
Lab File: VY010240.D
Acq: 31 Aug 2022 13:10

Tgt Ion:113 Resp: 71087
Ion Ratio Lower Upper
113 100
111 102.4 82.6 124.0
192 23.3 17.6 26.4

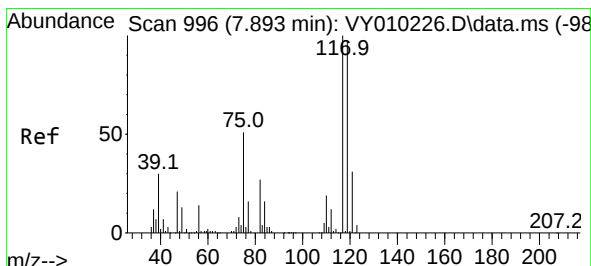
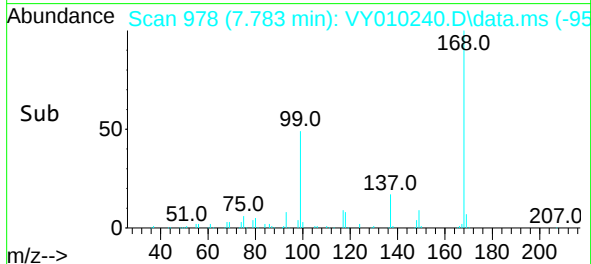
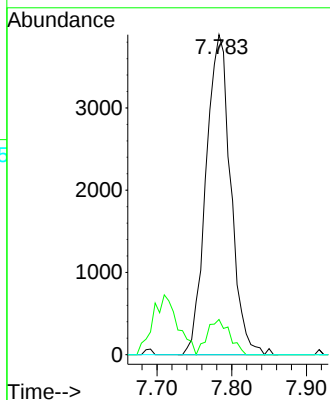
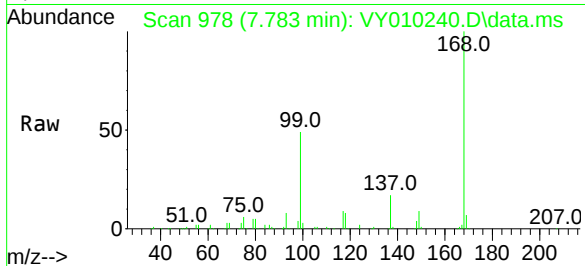




#36
1,1-Dichloropropene
Concen: 4.471 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.128 min
Lab File: VY010240.D
Acq: 31 Aug 2022 13:10

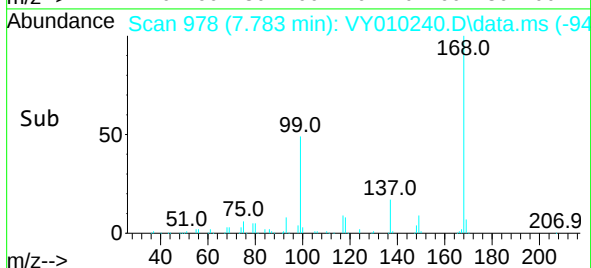
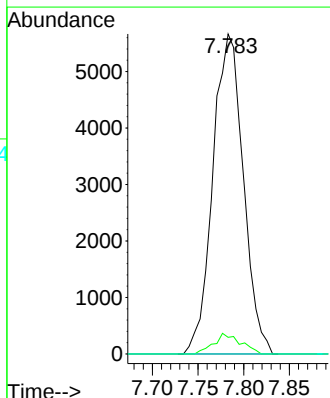
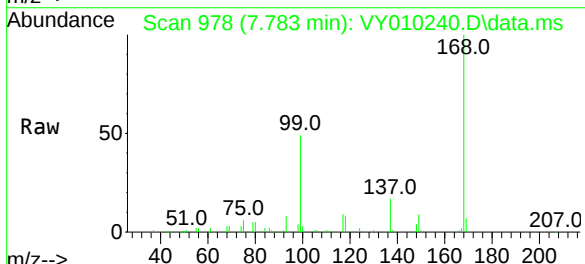
Instrument :
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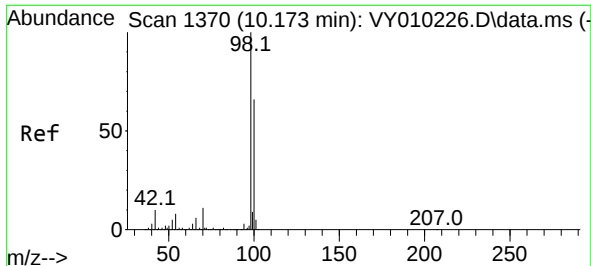
Tgt Ion: 75 Resp: 8931
Ion Ratio Lower Upper
75 100
110 10.0 17.1 51.2#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 5.728 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.110 min
Lab File: VY010240.D
Acq: 31 Aug 2022 13:10

Tgt Ion: 117 Resp: 13128
Ion Ratio Lower Upper
117 100
119 5.2 77.9 116.9#
121 0.0 24.8 37.2#

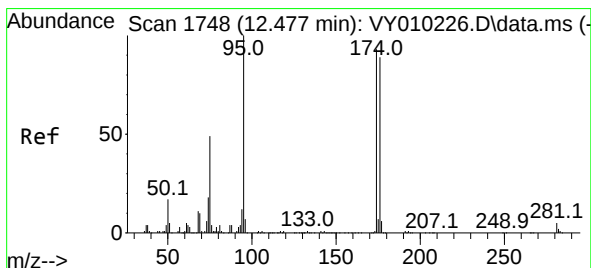
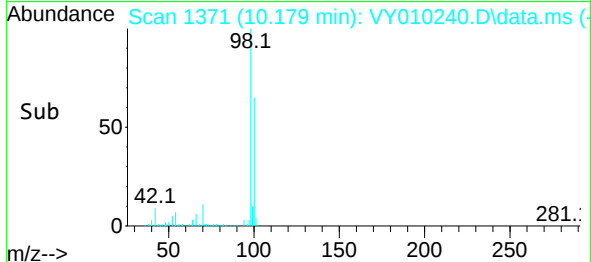
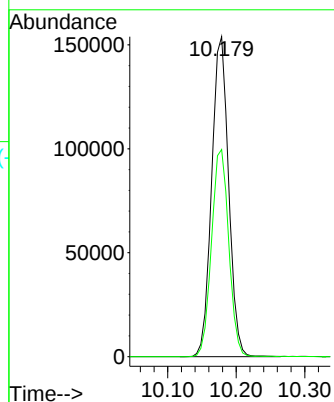
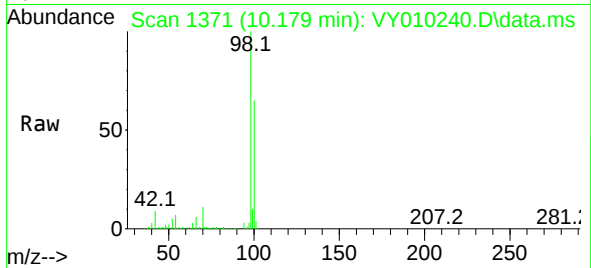




#50
Toluene-d8
Concen: 53.874 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY010240.D
Acq: 31 Aug 2022 13:10

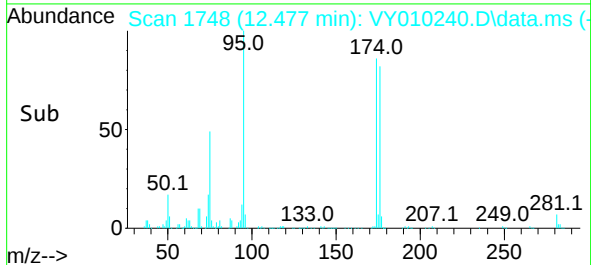
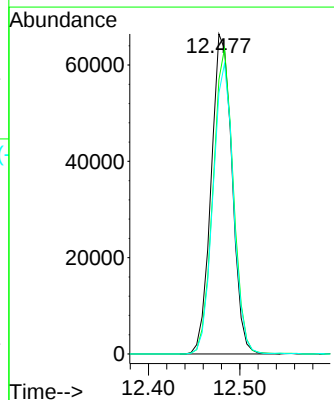
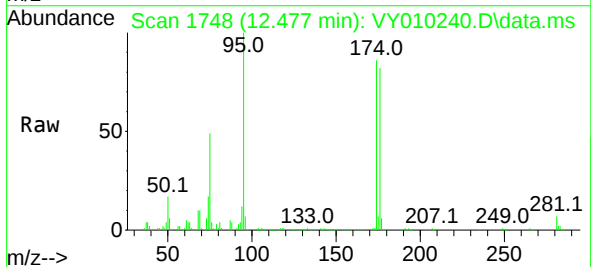
Instrument :
MSVOA_Y
ClientSampleId :
OK-2-082622

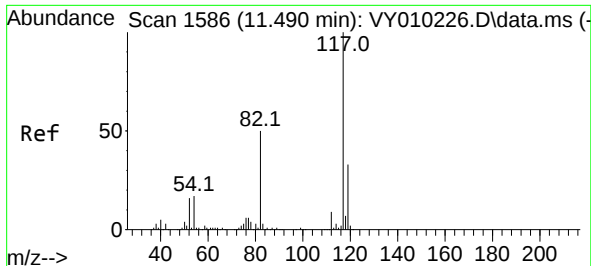
Tgt Ion: 98 Resp: 263601
Ion Ratio Lower Upper
98 100
100 66.0 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 57.640 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY010240.D
Acq: 31 Aug 2022 13:10

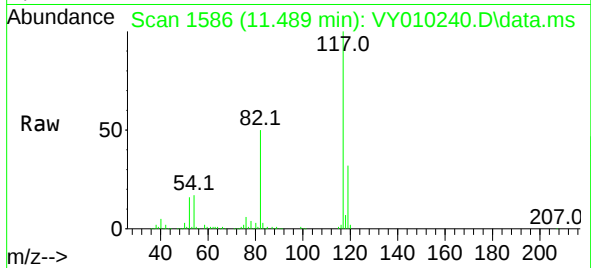
Tgt Ion: 95 Resp: 105176
Ion Ratio Lower Upper
95 100
174 92.9 0.0 177.0
176 88.8 0.0 175.8



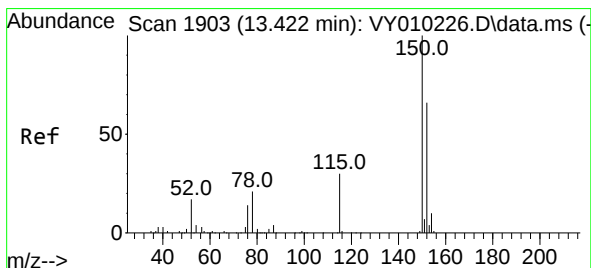
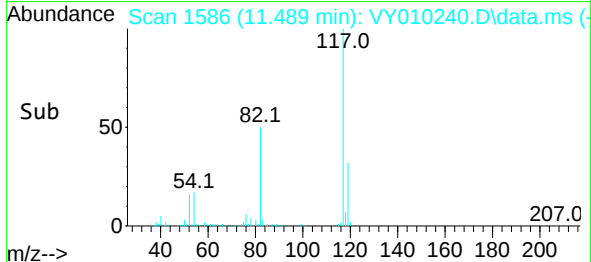
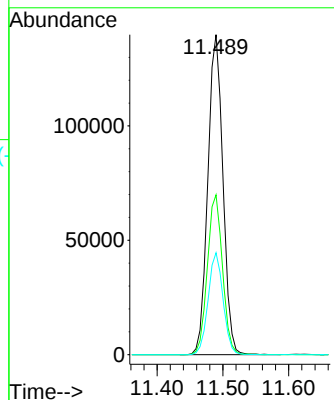


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY010240.D
Acq: 31 Aug 2022 13:10

Instrument :
MSVOA_Y
ClientSampleId :
OK-2-082622

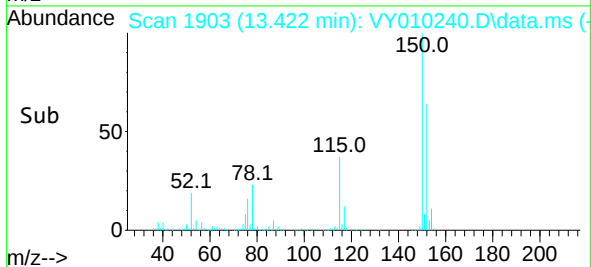
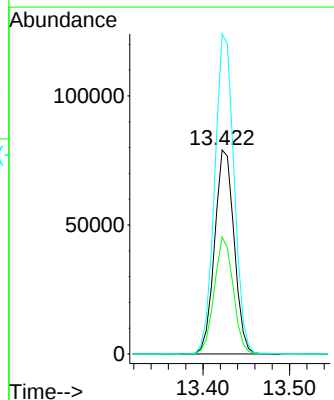
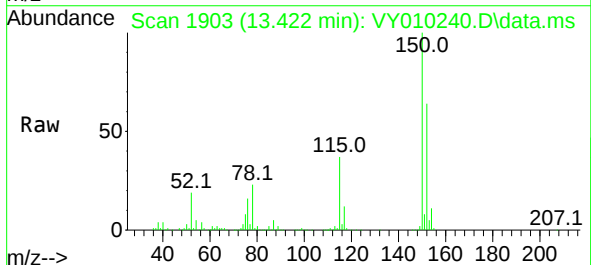


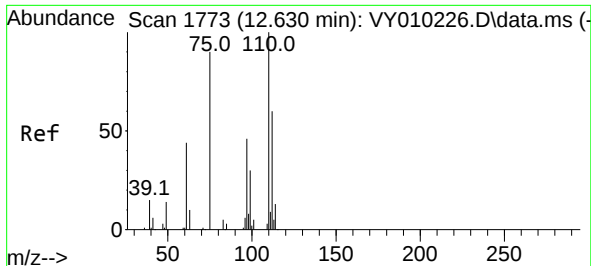
Tgt Ion:117 Resp: 223682
Ion Ratio Lower Upper
117 100
82 50.0 43.0 64.4
119 31.8 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.000 min
Lab File: VY010240.D
Acq: 31 Aug 2022 13:10

Tgt Ion:152 Resp: 123638
Ion Ratio Lower Upper
152 100
115 55.6 28.2 84.7
150 156.0 0.0 347.6

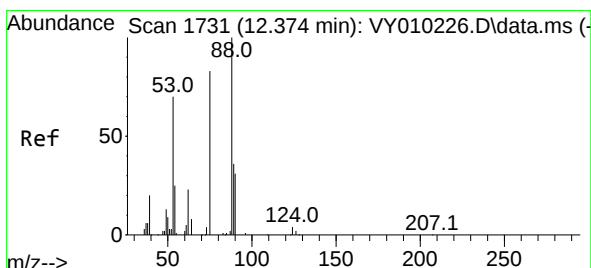
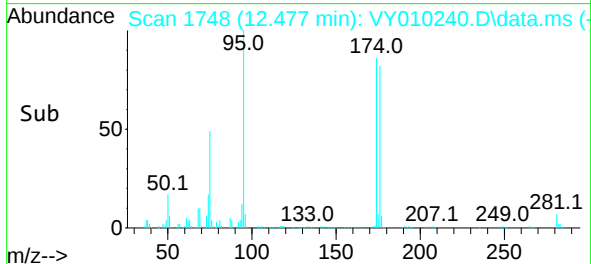
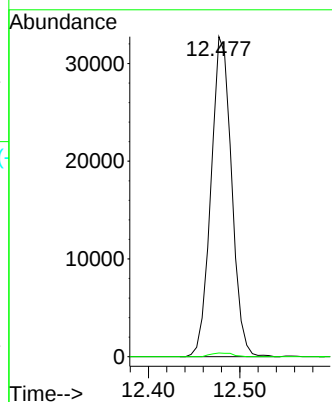
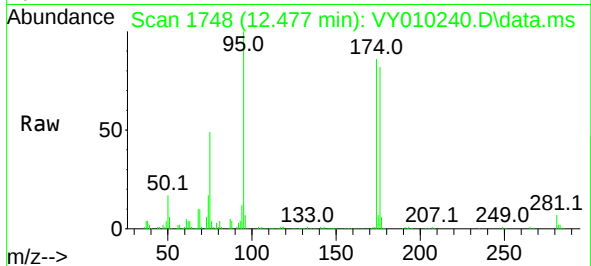




#76
1,2,3-Trichloropropane
Concen: 42.120 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.153 min
Lab File: VY010240.D
Acq: 31 Aug 2022 13:10

Instrument :
MSVOA_Y
ClientSampleId :
OK-2-082622

Tgt Ion: 75 Resp: 51207
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 87.877 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.104 min
Lab File: VY010240.D
Acq: 31 Aug 2022 13:10

Tgt Ion: 75 Resp: 51207
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.1 37.0 55.4#

