

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072022\
 Data File : VY009614.D
 Acq On : 20 Jul 2022 15:54
 Operator : KP/MD
 Sample : N3779-01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TR-06-071922

Quant Time: Jul 21 02:14:25 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071822S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 19 04:22:09 2022
 Response via : Initial Calibration

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

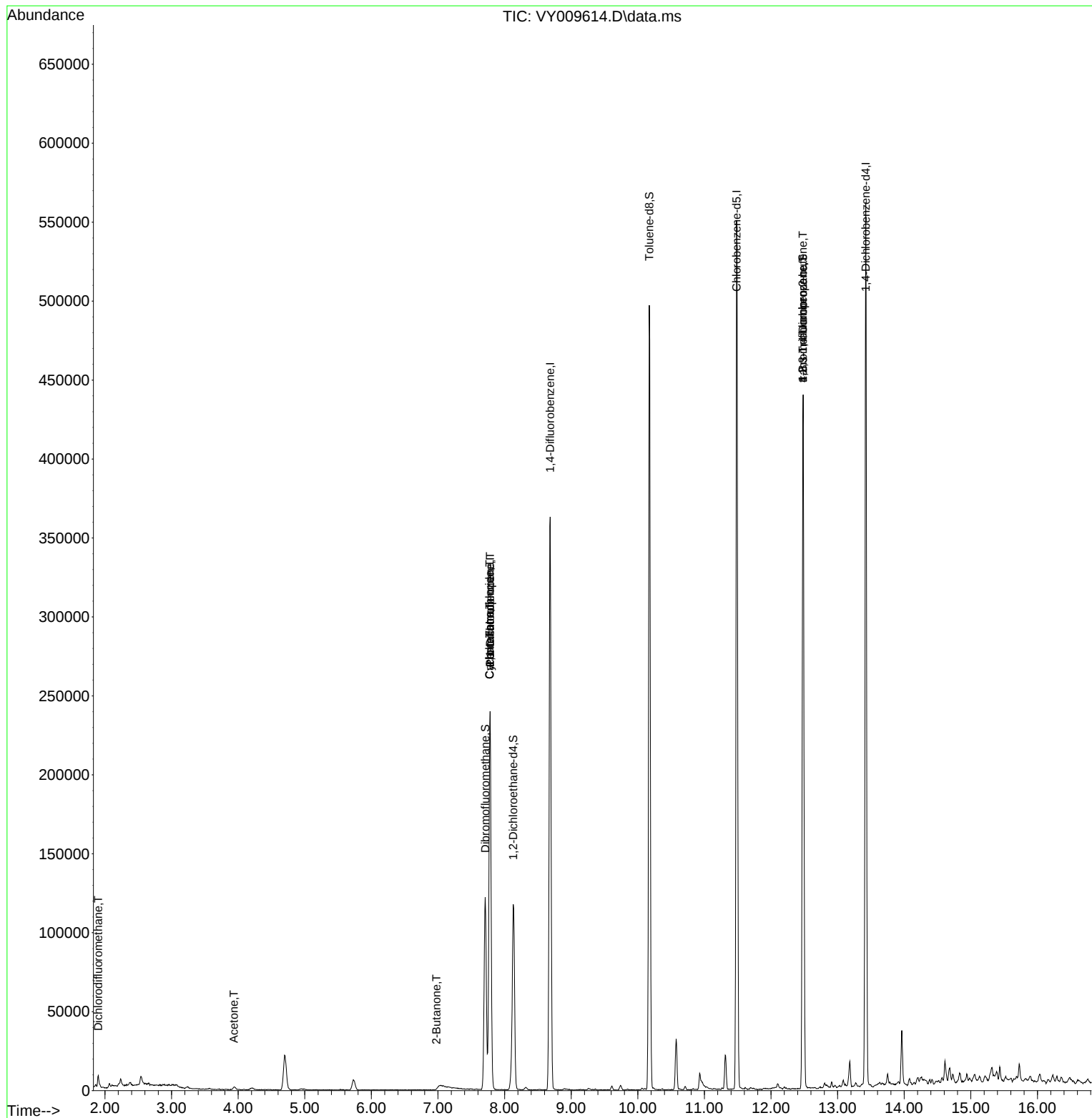
Internal Standards						
1) Pentafluorobenzene	7.783	168	198836	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	325277	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	317779	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	149175	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	87857	46.720	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	93.440%
35) Dibromofluoromethane	7.710	113	85769	41.854	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	83.700%
50) Toluene-d8	10.173	98	332754	42.239	ug/l	0.00
Spiked Amount	50.000	Range	78 - 125	Recovery	=	84.480%
62) 4-Bromofluorobenzene	12.477	95	109891	43.050	ug/l	0.00
Spiked Amount	50.000	Range	50 - 146	Recovery	=	86.100%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	5736	3.288	ug/l	96
11) Tert butyl alcohol	4.942	59	1228	Below Cal	#	77
16) Acetone	3.936	43	3344	7.030	ug/l	90
20) Methylene Chloride	4.704	84	16955	Below Cal	#	80
25) 2-Butanone	6.978	43	742	1.069	ug/l	93
31) Cyclohexane	7.777	56	3420	1.031	ug/l	# 1
36) 1,1-Dichloropropene	7.783	75	13670	4.514	ug/l	# 50
38) Carbon Tetrachloride	7.777	117	18018	5.684	ug/l	# 17
76) 1,2,3-Trichloropropane	12.477	75	55166	38.820	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.477	75	55166	76.546	ug/l	# 8

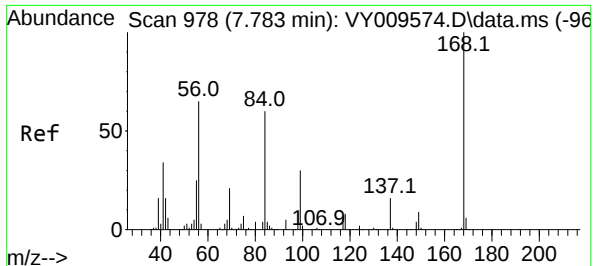
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072022\
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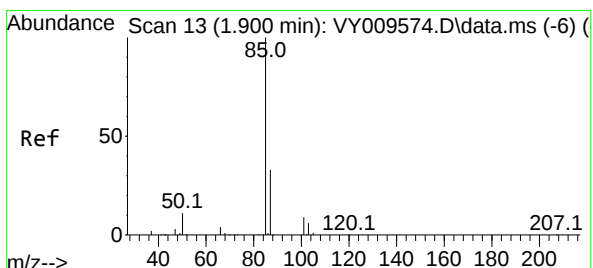
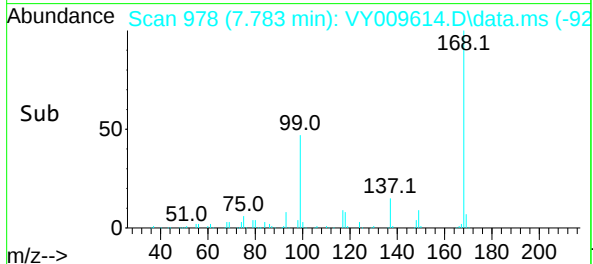
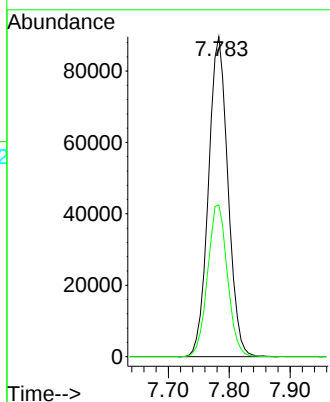
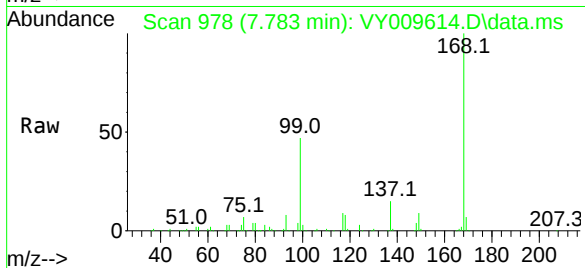




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009614.D
Acq: 20 Jul 2022 15:54

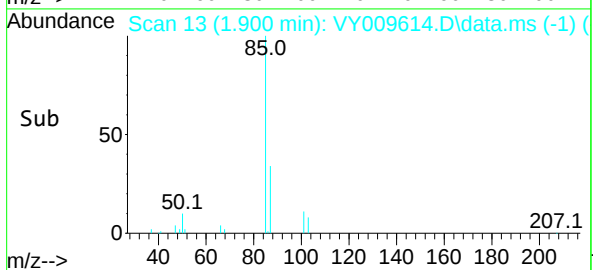
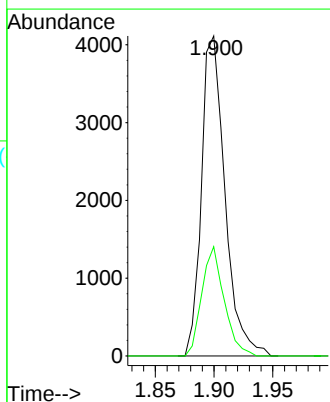
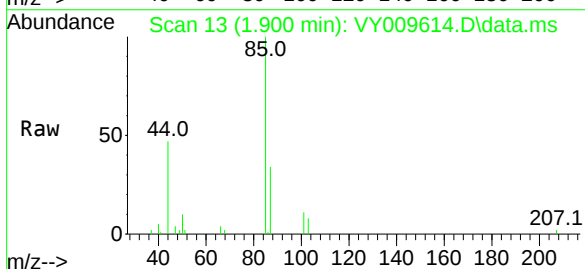
Instrument :
MSVOA_Y
ClientSampleId :
TR-06-071922

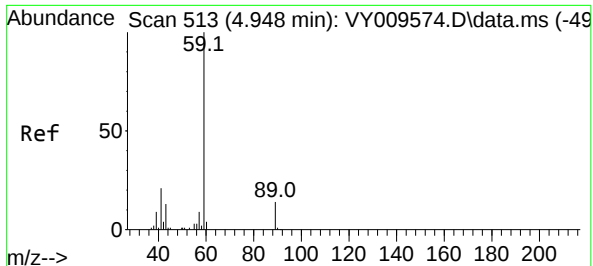
Tgt Ion:168 Resp: 198836
Ion Ratio Lower Upper
168 100
99 47.4 46.9 70.3



#2
Dichlorodifluoromethane
Concen: 3.288 ug/l
RT: 1.900 min Scan# 13
Delta R.T. -0.000 min
Lab File: VY009614.D
Acq: 20 Jul 2022 15:54

Tgt Ion: 85 Resp: 5736
Ion Ratio Lower Upper
85 100
87 34.2 16.1 48.2





#11

Tert butyl alcohol

Concen: Below Cal

RT: 4.942 min Scan# 51

Delta R.T. -0.006 min

Lab File: VY009614.D

Acq: 20 Jul 2022 15:54

Instrument :

MSVOA_Y

ClientSampleId :

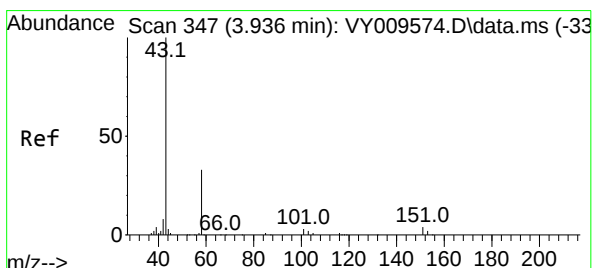
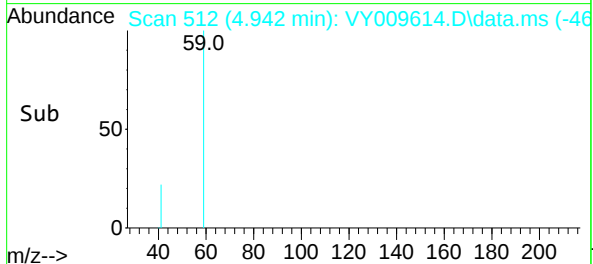
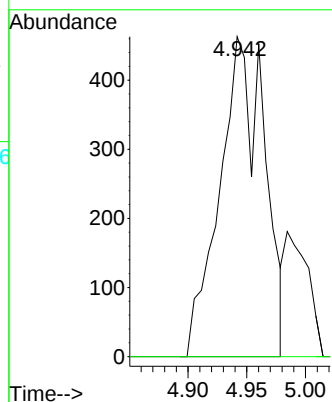
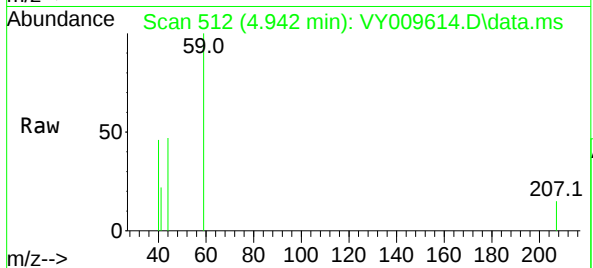
TR-06-071922

Tgt Ion: 59 Resp: 1228

Ion Ratio Lower Upper

59 100

57 0.0 6.4 9.6#



#16

Acetone

Concen: 7.030 ug/l

RT: 3.936 min Scan# 347

Delta R.T. -0.000 min

Lab File: VY009614.D

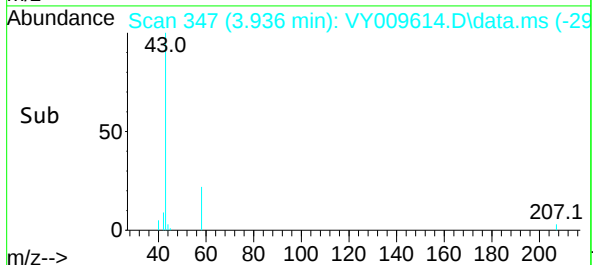
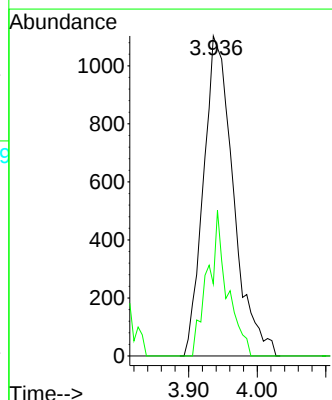
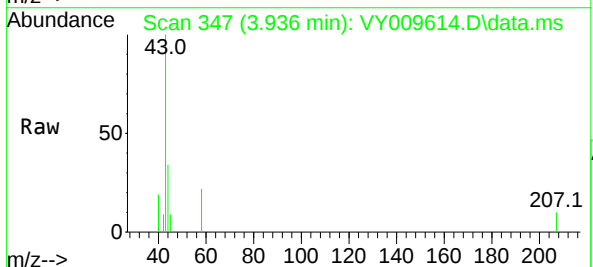
Acq: 20 Jul 2022 15:54

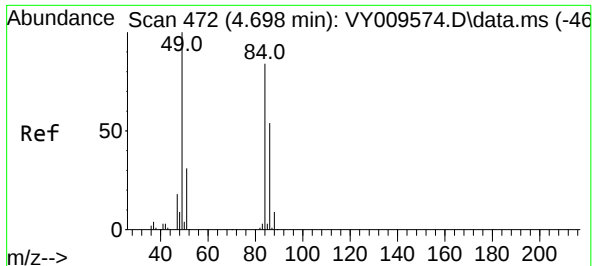
Tgt Ion: 43 Resp: 3344

Ion Ratio Lower Upper

43 100

58 22.5 22.0 33.0

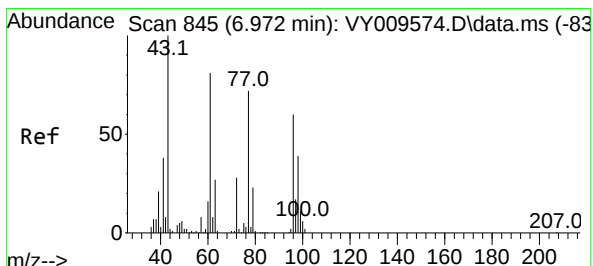
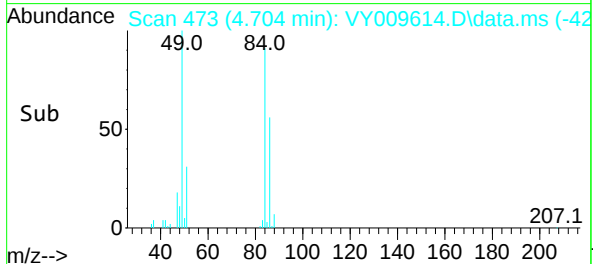
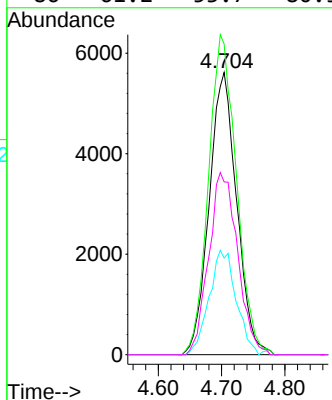
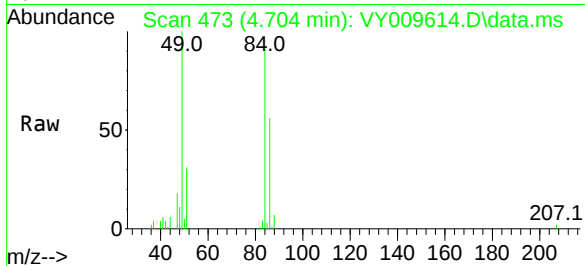




#20
Methylene Chloride
Concen: Below Cal
RT: 4.704 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY009614.D
Acq: 20 Jul 2022 15:54

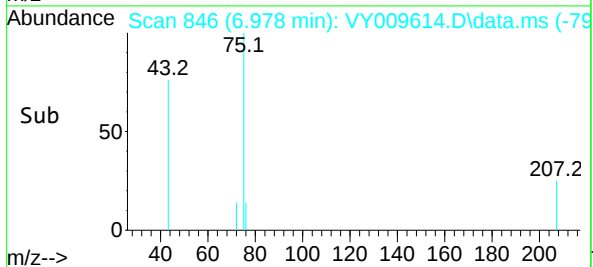
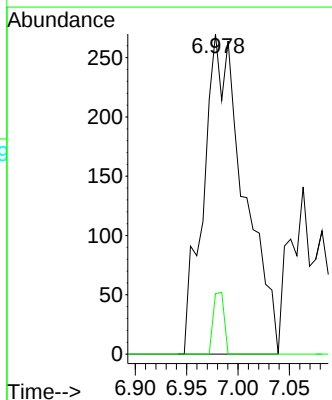
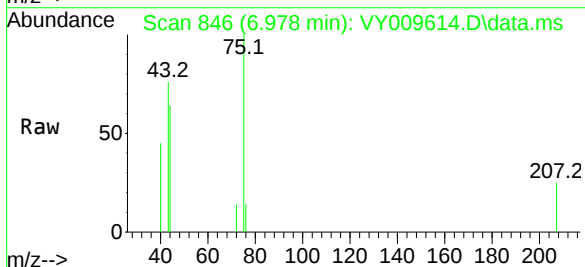
Instrument :
MSVOA_Y
ClientSampleId :
TR-06-071922

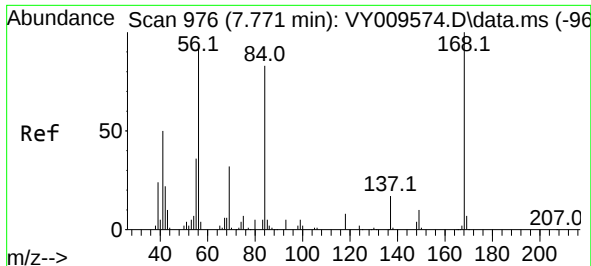
Tgt Ion: 84 Resp: 16955
Ion Ratio Lower Upper
84 100
49 110.1 114.4 171.6#
51 34.2 35.3 52.9#
86 61.2 53.7 80.5



#25
2-Butanone
Concen: 1.069 ug/l
RT: 6.978 min Scan# 846
Delta R.T. 0.006 min
Lab File: VY009614.D
Acq: 20 Jul 2022 15:54

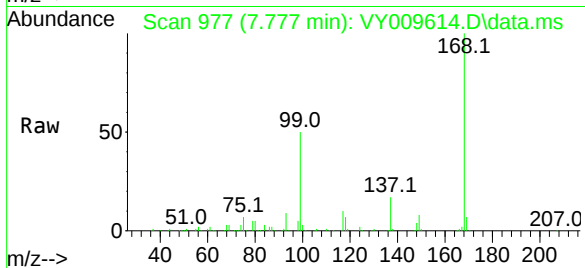
Tgt Ion: 43 Resp: 742
Ion Ratio Lower Upper
43 100
72 18.9 17.7 26.5



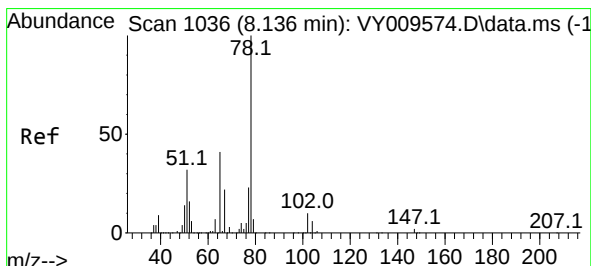
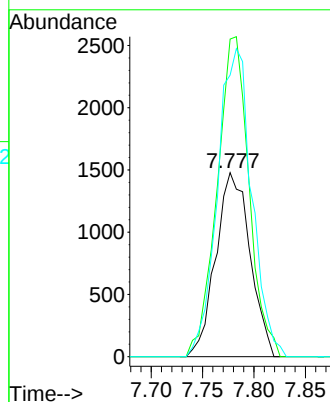
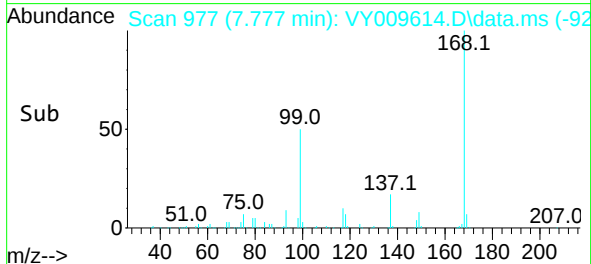


#31
Cyclohexane
Concen: 1.031 ug/l
RT: 7.777 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY009614.D
Acq: 20 Jul 2022 15:54

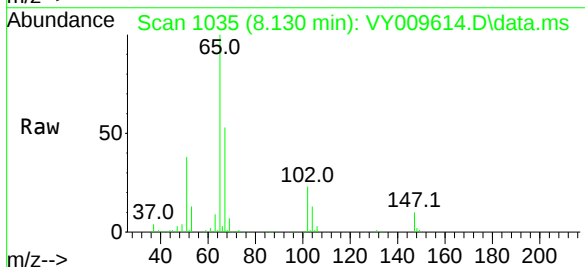
Instrument :
MSVOA_Y
ClientSampleId :
TR-06-071922



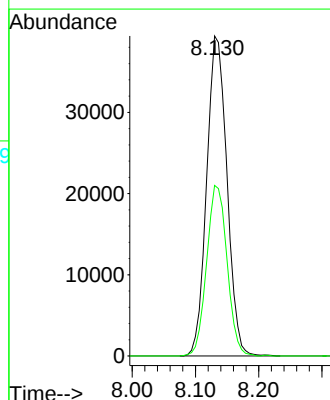
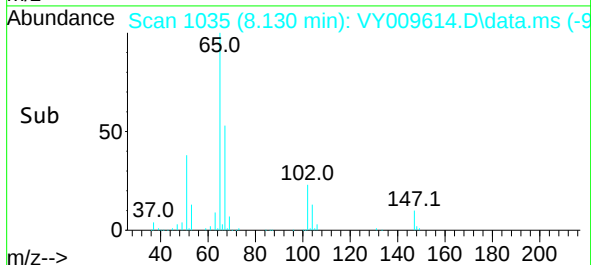
Tgt Ion: 56 Resp: 3420
Ion Ratio Lower Upper
56 100
69 172.7 26.7 40.1#
84 153.0 67.2 100.8#

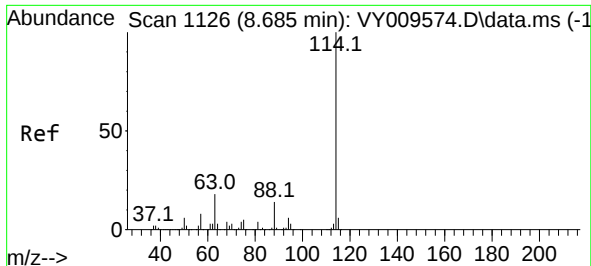


#33
1,2-Dichloroethane-d4
Concen: 46.720 ug/l
RT: 8.130 min Scan# 1035
Delta R.T. -0.006 min
Lab File: VY009614.D
Acq: 20 Jul 2022 15:54



Tgt Ion: 65 Resp: 87857
Ion Ratio Lower Upper
65 100
67 53.6 0.0 99.4

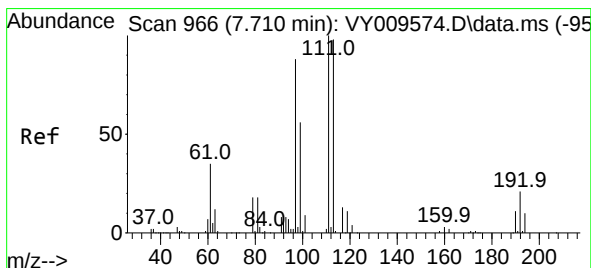
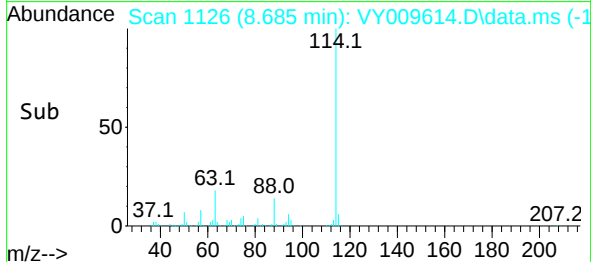
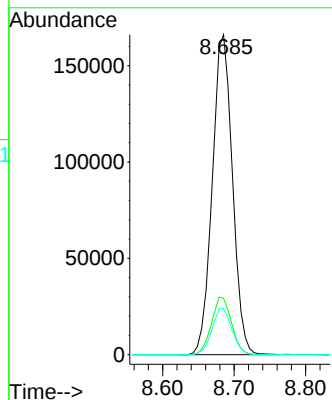
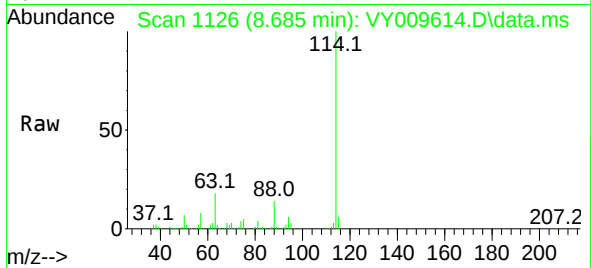




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VY009614.D
Acq: 20 Jul 2022 15:54

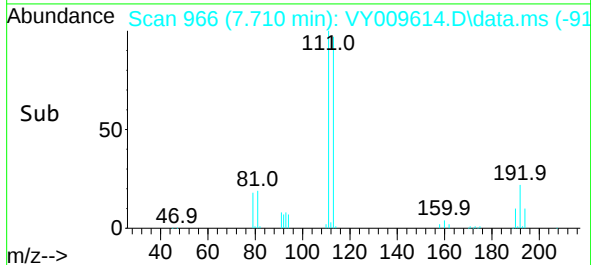
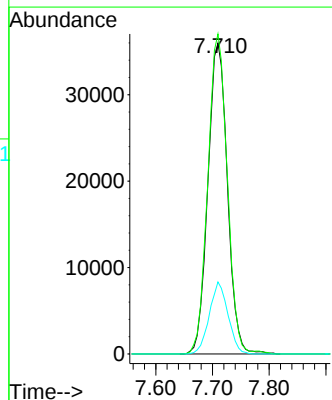
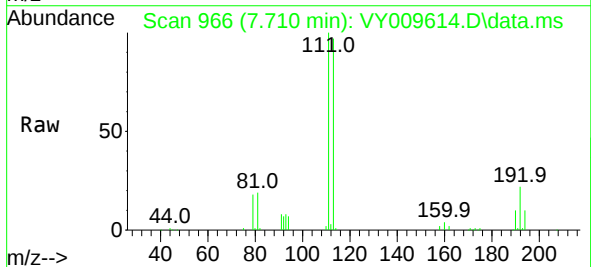
Instrument :
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ClientSampleId :
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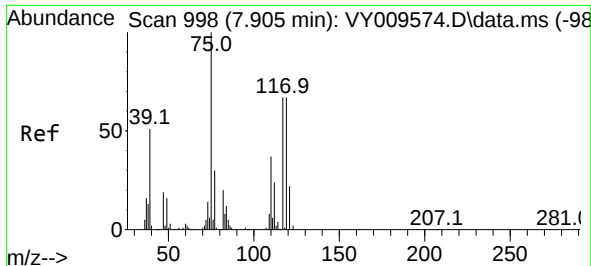
Tgt Ion:114 Resp: 325277
Ion Ratio Lower Upper
114 100
63 17.7 0.0 43.2
88 14.5 0.0 31.8



#35
Dibromofluoromethane
Concen: 41.854 ug/l
RT: 7.710 min Scan# 966
Delta R.T. -0.000 min
Lab File: VY009614.D
Acq: 20 Jul 2022 15:54

Tgt Ion:113 Resp: 85769
Ion Ratio Lower Upper
113 100
111 102.9 82.6 124.0
192 22.2 17.6 26.4

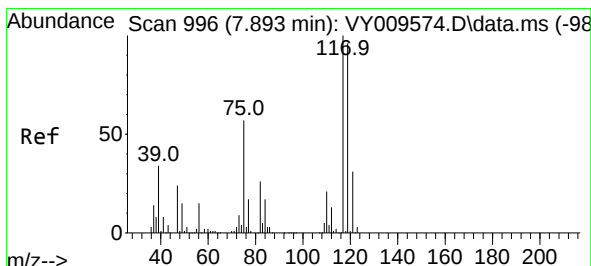
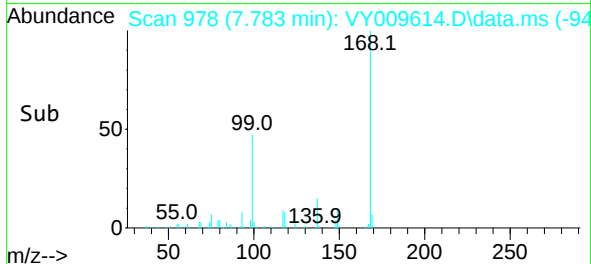
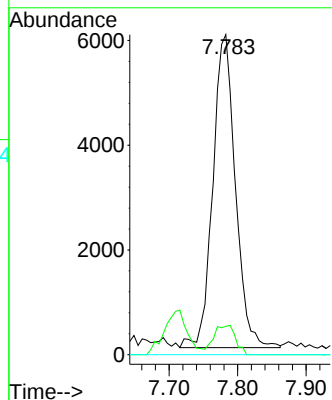
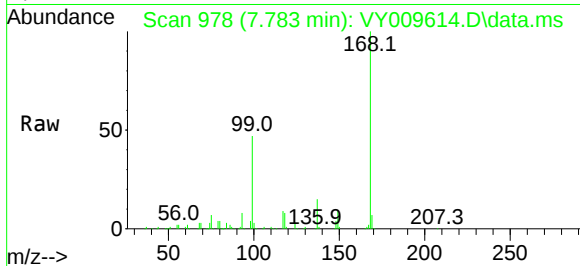




#36
1,1-Dichloropropene
Concen: 4.514 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.122 min
Lab File: VY009614.D
Acq: 20 Jul 2022 15:54

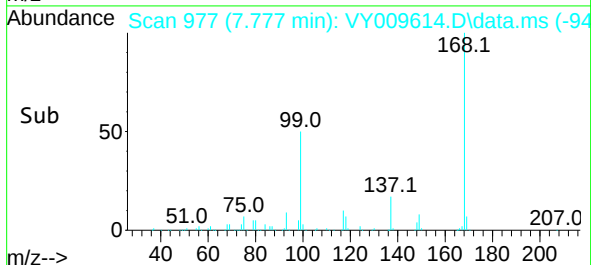
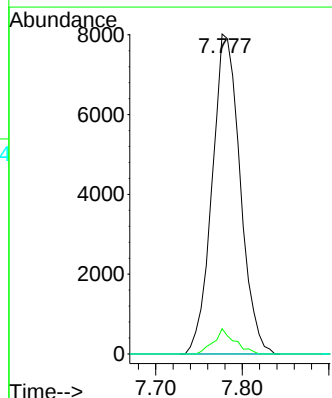
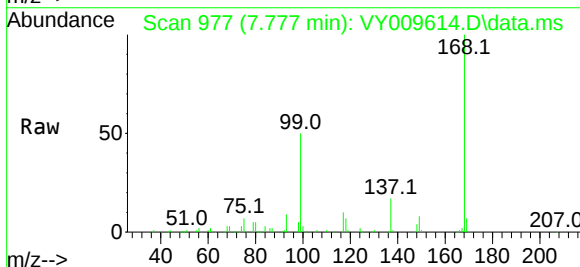
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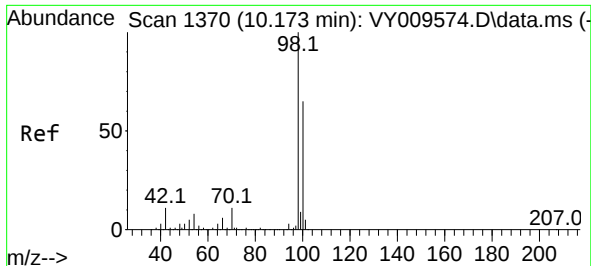
Tgt Ion: 75 Resp: 13670
Ion Ratio Lower Upper
75 100
110 9.0 17.1 51.2#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 5.684 ug/l
RT: 7.777 min Scan# 977
Delta R.T. -0.116 min
Lab File: VY009614.D
Acq: 20 Jul 2022 15:54

Tgt Ion: 117 Resp: 18018
Ion Ratio Lower Upper
117 100
119 7.9 77.9 116.9#
121 0.0 24.8 37.2#

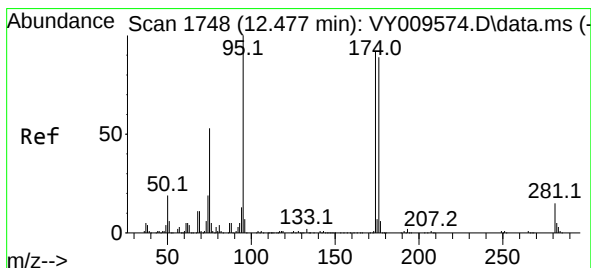
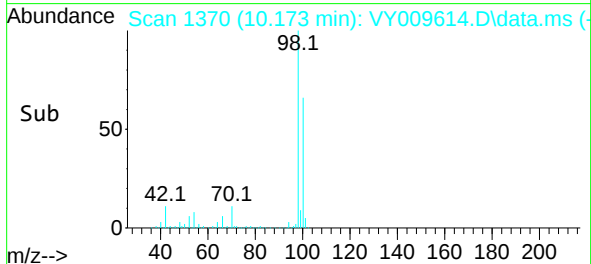
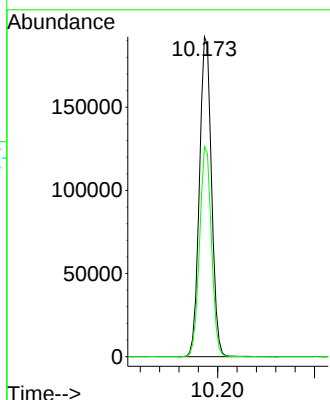
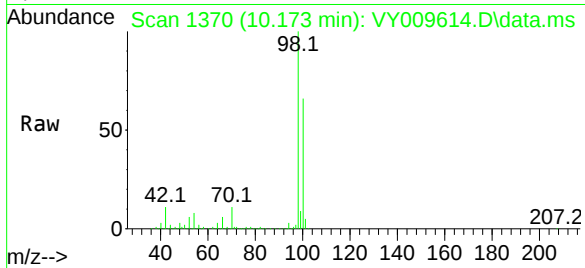




#50
Toluene-d8
Concen: 42.239 ug/l
RT: 10.173 min Scan# 1370
Delta R.T. -0.000 min
Lab File: VY009614.D
Acq: 20 Jul 2022 15:54

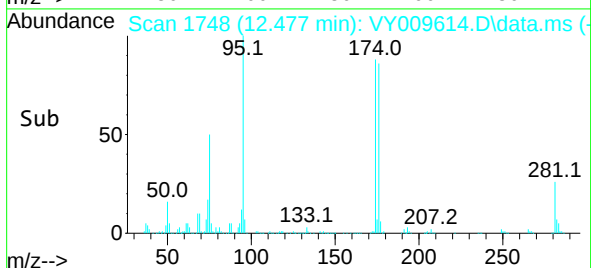
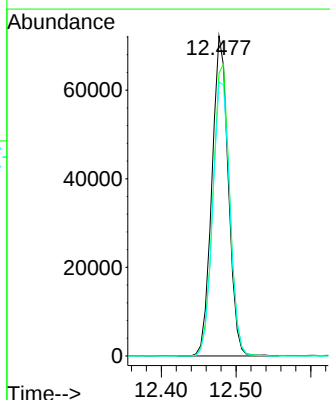
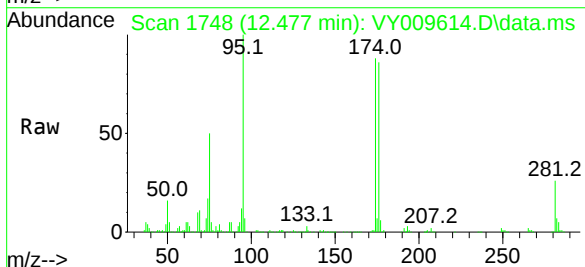
Instrument :
MSVOA_Y
ClientSampleId :
TR-06-071922

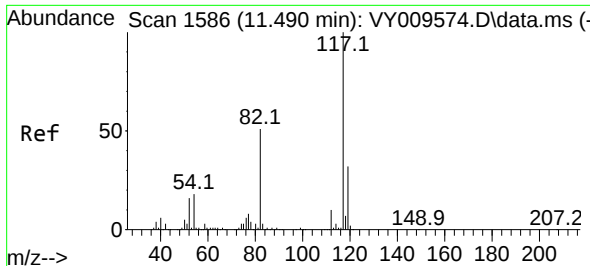
Tgt Ion: 98 Resp: 332754
Ion Ratio Lower Upper
98 100
100 64.7 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 43.050 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY009614.D
Acq: 20 Jul 2022 15:54

Tgt Ion: 95 Resp: 109891
Ion Ratio Lower Upper
95 100
174 93.3 0.0 177.0
176 89.5 0.0 175.8

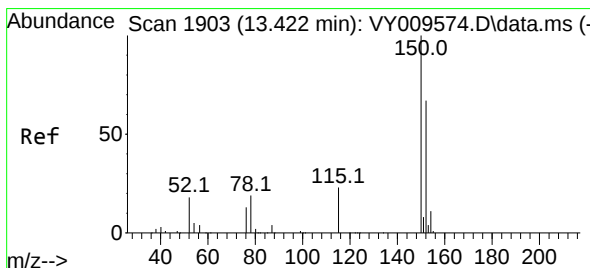
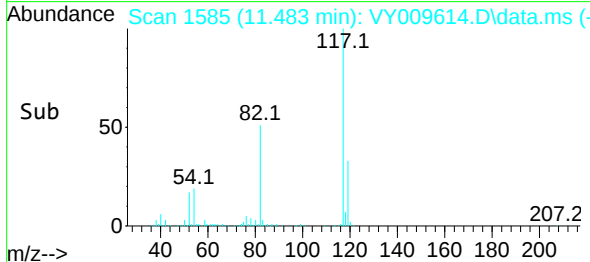
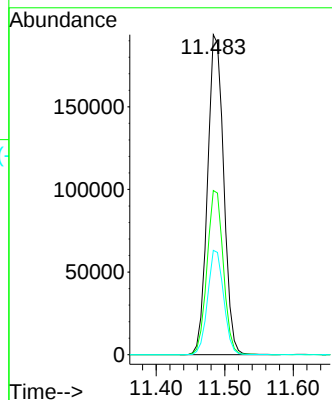
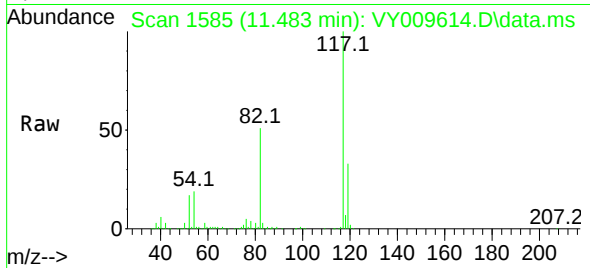




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.483 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY009614.D
Acq: 20 Jul 2022 15:54

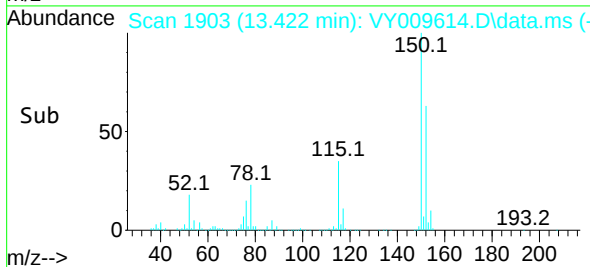
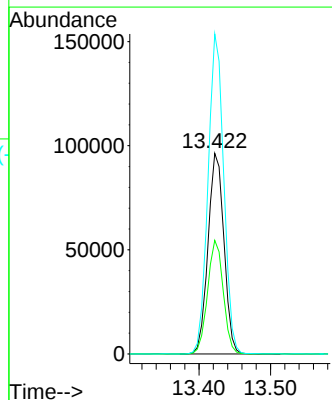
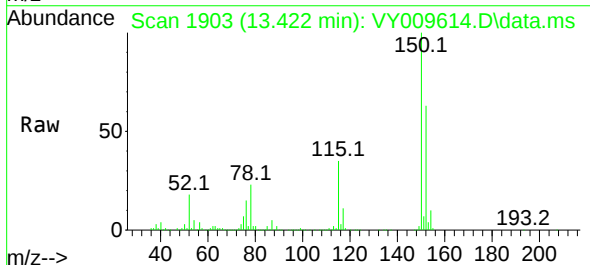
Instrument :
MSVOA_Y
ClientSampleId :
TR-06-071922

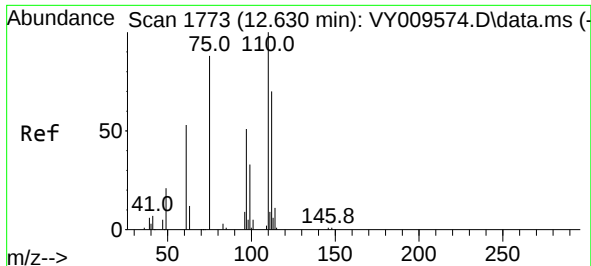
Tgt Ion:117 Resp: 317779
Ion Ratio Lower Upper
117 100
82 51.3 43.0 64.4
119 32.6 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.000 min
Lab File: VY009614.D
Acq: 20 Jul 2022 15:54

Tgt Ion:152 Resp: 149175
Ion Ratio Lower Upper
152 100
115 55.7 28.2 84.7
150 157.4 0.0 347.6

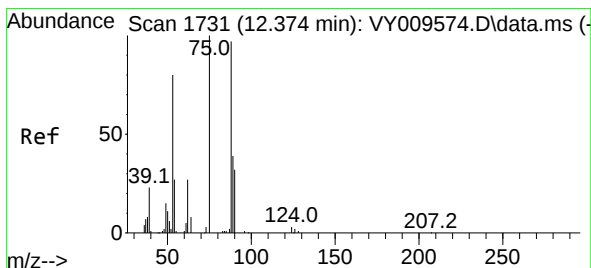
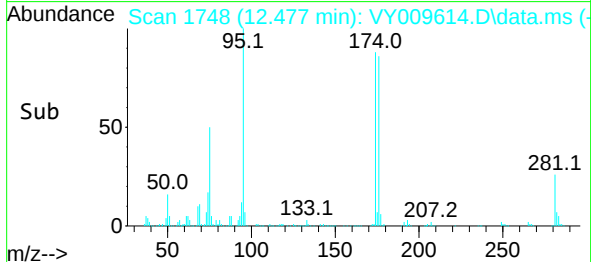
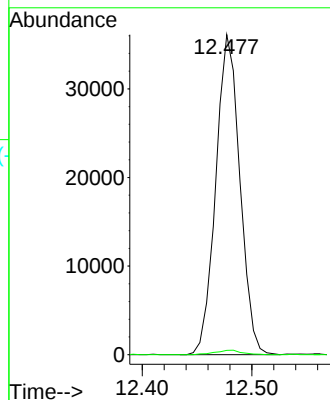
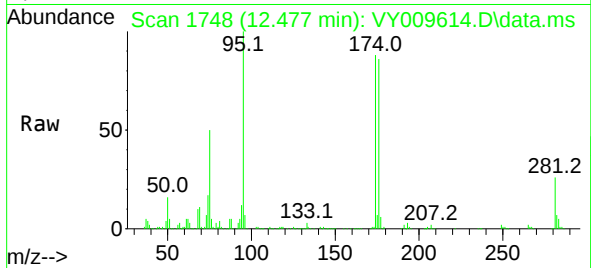




#76
1,2,3-Trichloropropane
Concen: 38.820 ug/l
RT: 12.477 min Scan# 1773
Delta R.T. -0.153 min
Lab File: VY009614.D
Acq: 20 Jul 2022 15:54

Instrument :
MSVOA_Y
ClientSampleId :
TR-06-071922

Tgt Ion: 75 Resp: 55166
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 76.546 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.104 min
Lab File: VY009614.D
Acq: 20 Jul 2022 15:54

Tgt Ion: 75 Resp: 55166
Ion Ratio Lower Upper
75 100
53 0.2 85.3 127.9#
89 0.6 37.0 55.4#

