

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070122\
 Data File : VY009424.D
 Acq On : 01 Jul 2022 15:54
 Operator : KP/MD
 Sample : N3434-04RE
 Misc : 6.12g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 B2204-35

Quant Time: Jul 05 02:46:33 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062822S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 29 17:35:34 2022
 Response via : Initial Calibration

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

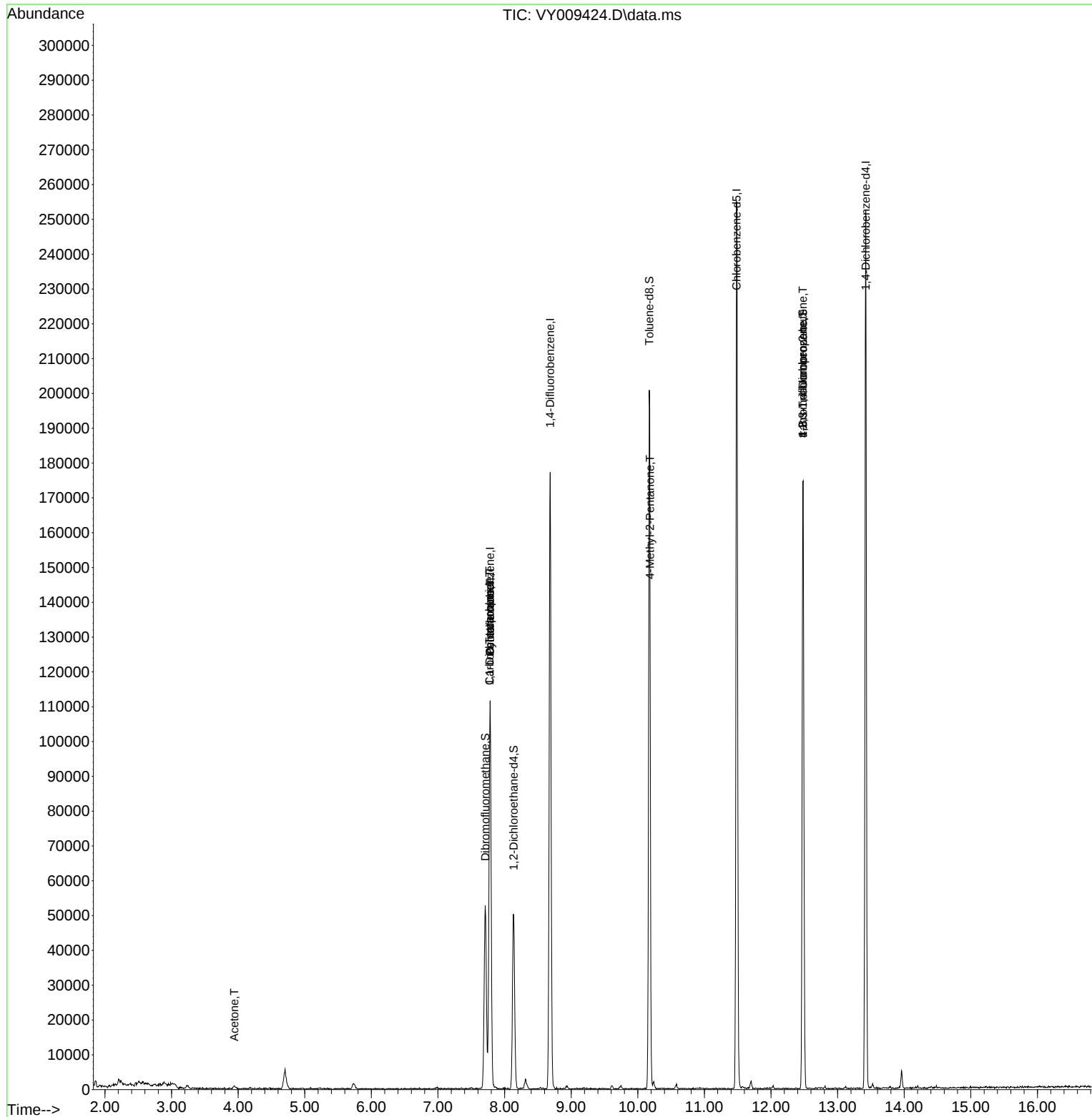
Internal Standards						
1) Pentafluorobenzene	7.783	168	86189	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	148082	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	138223	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	61992	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	38487	55.751	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	111.500%
35) Dibromofluoromethane	7.710	113	35592	43.671	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	87.340%
50) Toluene-d8	10.173	98	129596	51.863	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	103.720%
62) 4-Bromofluorobenzene	12.477	95	39670	33.474	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	66.940%
Target Compounds						
11) Tert butyl alcohol	4.930	59	99	Below Cal	#	77
16) Acetone	3.942	43	1387	6.118	ug/l	93
18) Methyl Acetate	4.472	43	106	Below Cal	#	56
20) Methylene Chloride	4.698	84	3443	Below Cal	#	73
31) Cyclohexane	7.783	56	2088	1.345	ug/l	# 12
36) 1,1-Dichloropropene	7.777	75	6916	4.853	ug/l	# 51
38) Carbon Tetrachloride	7.777	117	8577	5.758	ug/l	# 16
51) 4-Methyl-2-Pentanone	10.185	43	809	1.011	ug/l	# 1
76) 1,2,3-Trichloropropane	12.477	75	22554	31.067	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.477	75	22554	69.170	ug/l	# 8

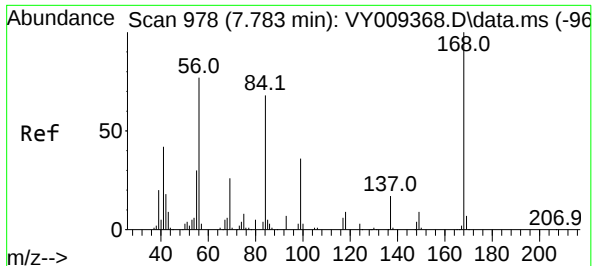
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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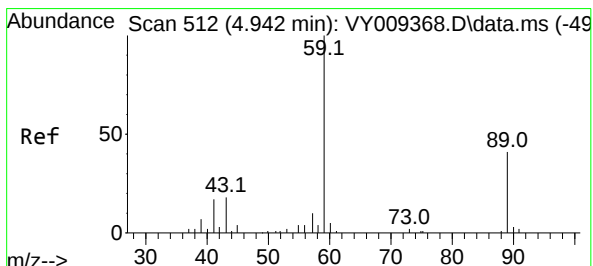
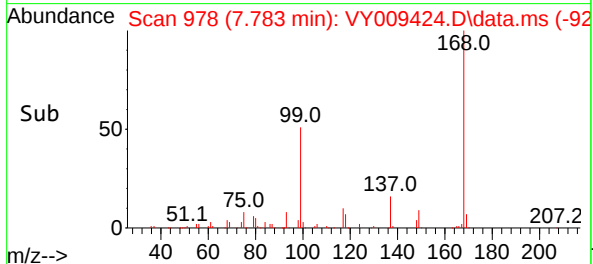
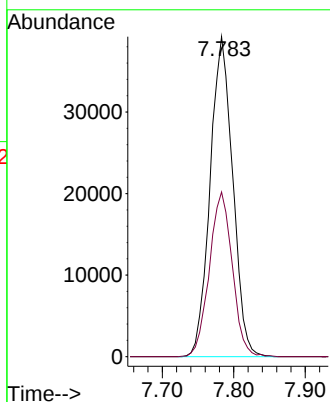
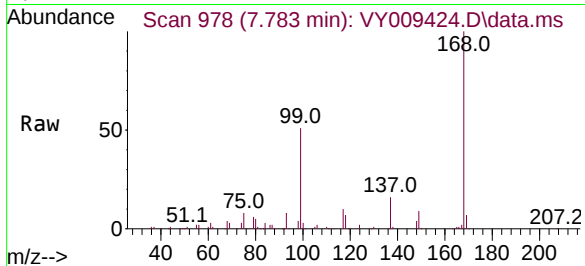




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009424.D
Acq: 01 Jul 2022 15:54

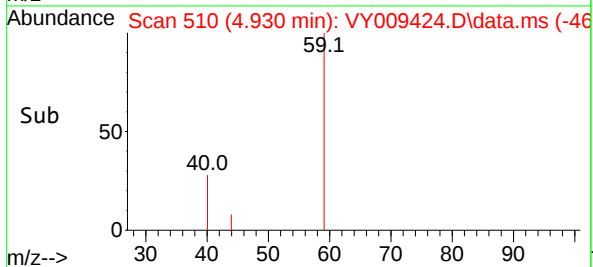
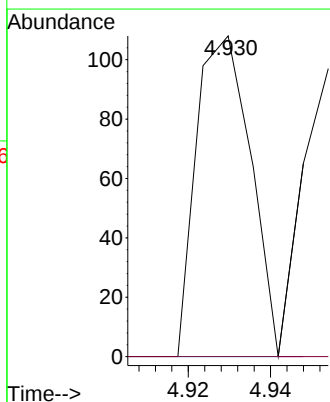
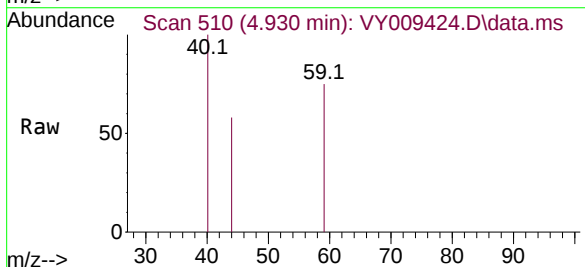
Instrument :
MSVOA_Y
ClientSampleId :
B2204-35

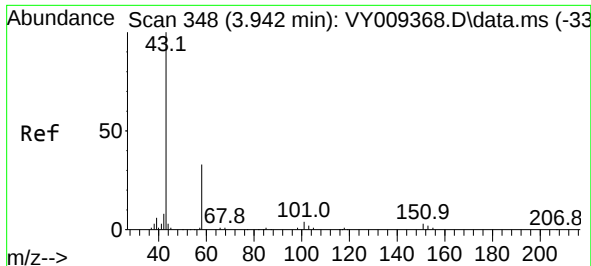
Tgt Ion:168 Resp: 86189
Ion Ratio Lower Upper
168 100
99 51.5 46.9 70.3



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.930 min Scan# 510
Delta R.T. -0.012 min
Lab File: VY009424.D
Acq: 01 Jul 2022 15:54

Tgt Ion: 59 Resp: 99
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#

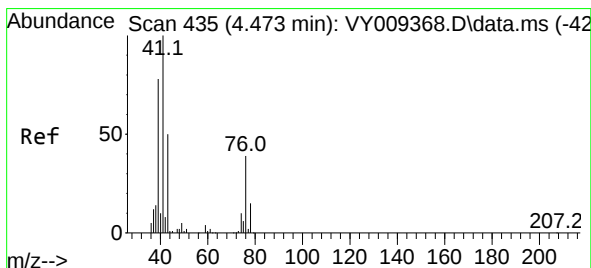
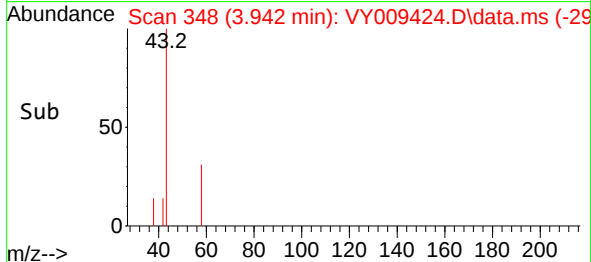
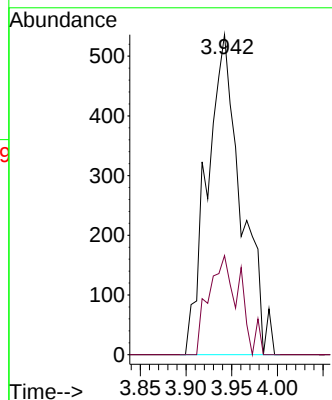
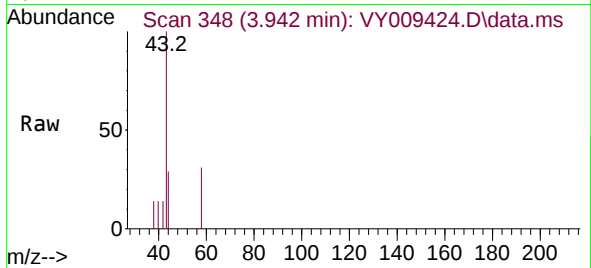




#16
Acetone
Concen: 6.118 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.000 min
Lab File: VY009424.D
Acq: 01 Jul 2022 15:54

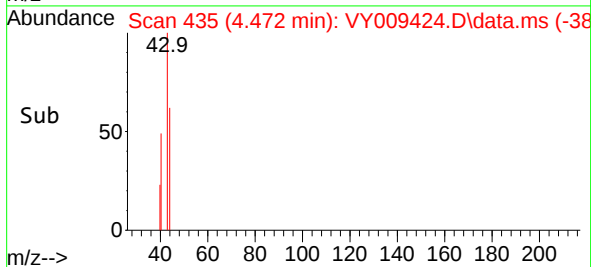
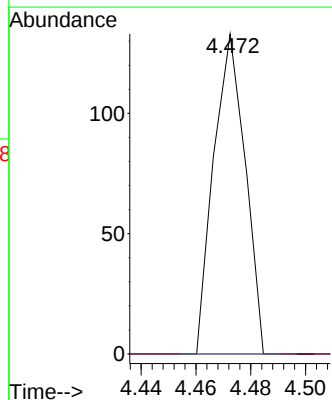
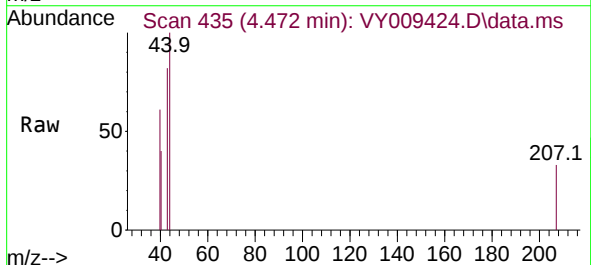
Instrument :
MSVOA_Y
ClientSampleId :
B2204-35

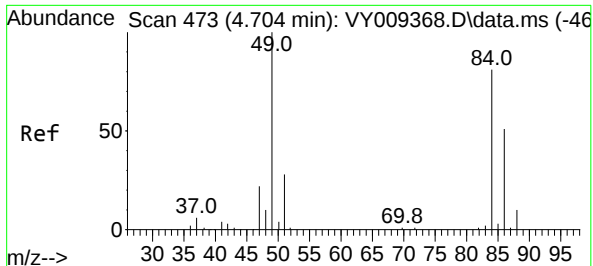
Tgt Ion: 43 Resp: 1387
Ion Ratio Lower Upper
43 100
58 31.0 22.0 33.0



#18
Methyl Acetate
Concen: Below Cal
RT: 4.472 min Scan# 435
Delta R.T. -0.001 min
Lab File: VY009424.D
Acq: 01 Jul 2022 15:54

Tgt Ion: 43 Resp: 106
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#

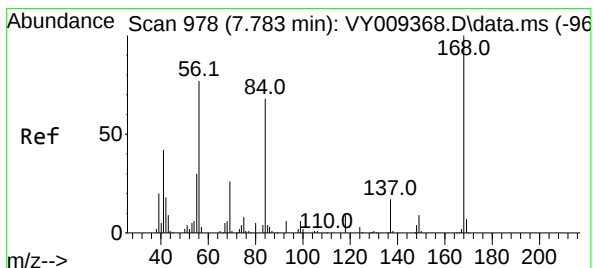
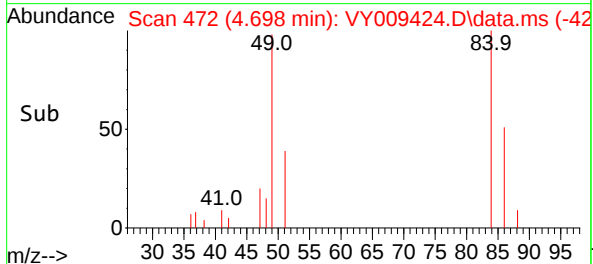
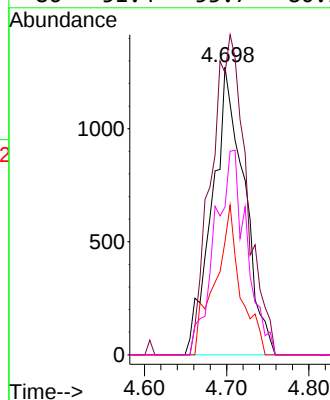
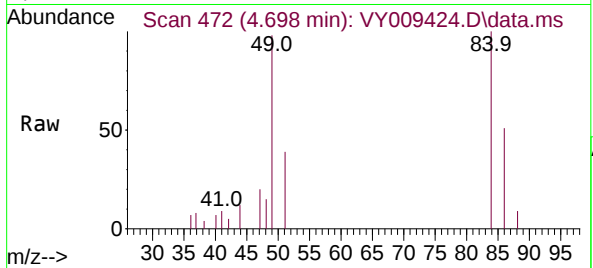




#20
Methylene Chloride
Concen: Below Cal
RT: 4.698 min Scan# 41
Delta R.T. -0.012 min
Lab File: VY009424.D
Acq: 01 Jul 2022 15:54

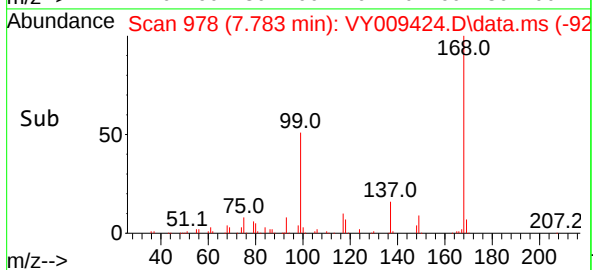
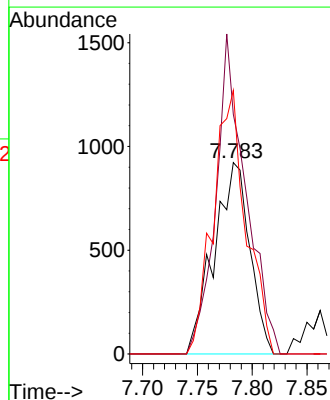
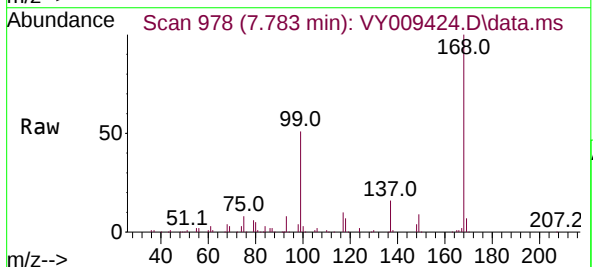
Instrument :
MSVOA_Y
ClientSampleId :
B2204-35

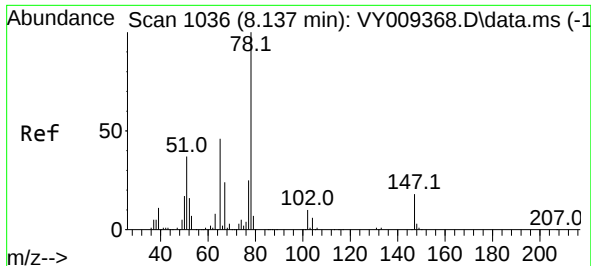
Tgt Ion:	84	Resp:	3443
Ion	Ratio	Lower	Upper
84	100		
49	98.0	114.4	171.6#
51	39.4	35.3	52.9
86	51.4	53.7	80.5#



#31
Cyclohexane
Concen: 1.345 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.000 min
Lab File: VY009424.D
Acq: 01 Jul 2022 15:54

Tgt Ion:	56	Resp:	2088
Ion	Ratio	Lower	Upper
56	100		
69	125.3	26.7	40.1#
84	137.7	67.2	100.8#

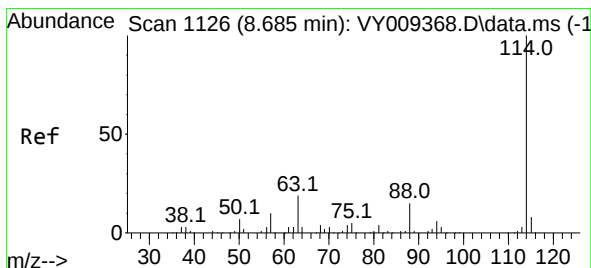
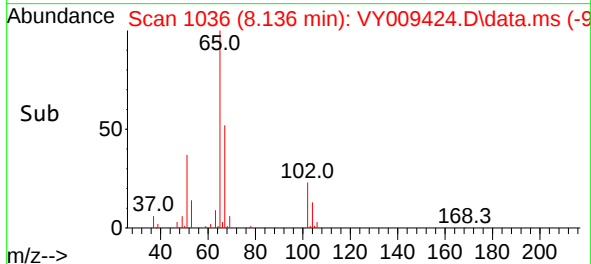
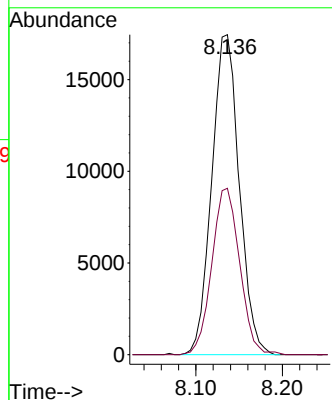
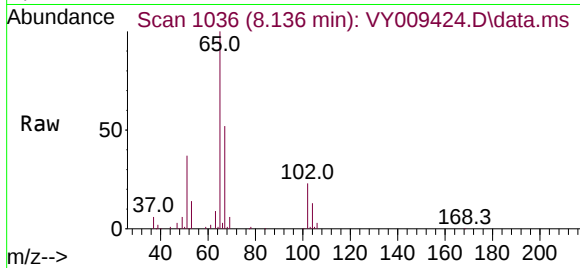




#33
 1,2-Dichloroethane-d4
 Concen: 55.751 ug/l
 RT: 8.136 min Scan# 1036
 Delta R.T. 0.000 min
 Lab File: VY009424.D
 Acq: 01 Jul 2022 15:54

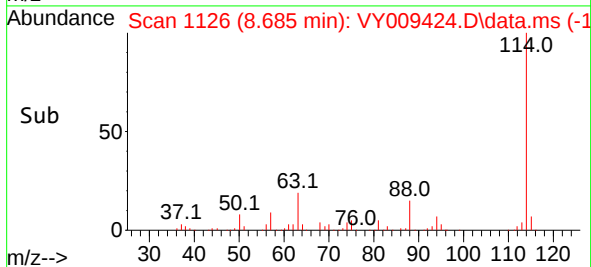
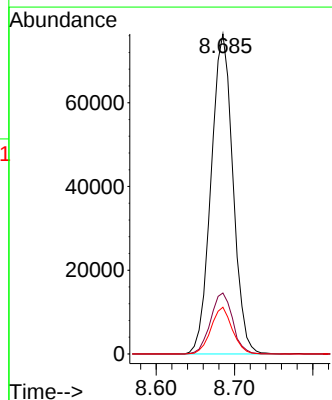
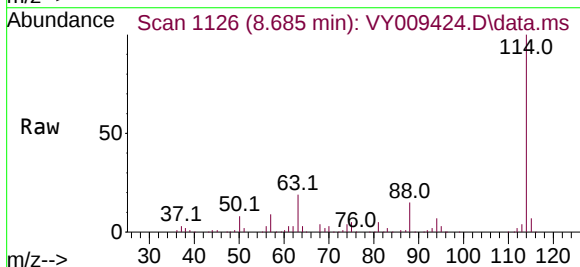
Instrument :
 MSVOA_Y
 ClientSampleId :
 B2204-35

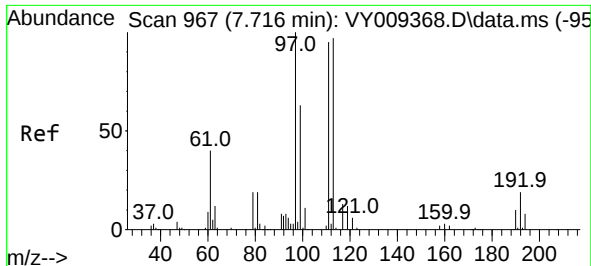
Tgt Ion: 65 Resp: 38487
 Ion Ratio Lower Upper
 65 100
 67 52.7 0.0 99.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.685 min Scan# 1126
 Delta R.T. 0.000 min
 Lab File: VY009424.D
 Acq: 01 Jul 2022 15:54

Tgt Ion: 114 Resp: 148082
 Ion Ratio Lower Upper
 114 100
 63 19.1 0.0 43.2
 88 14.6 0.0 31.8

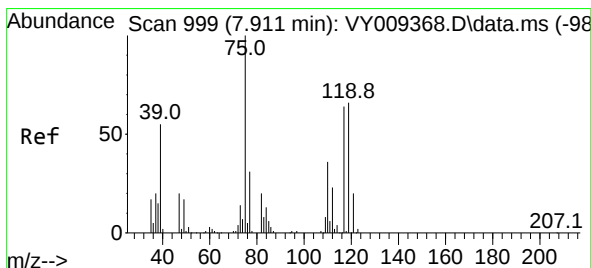
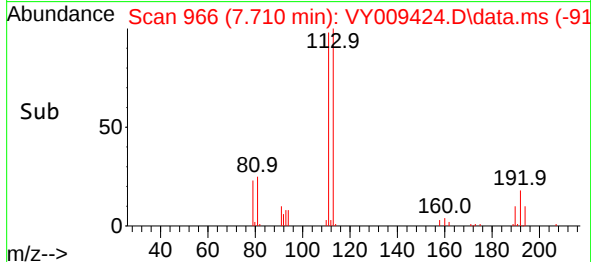
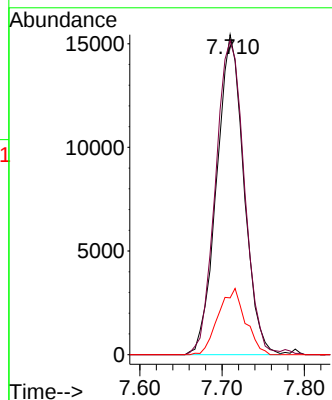
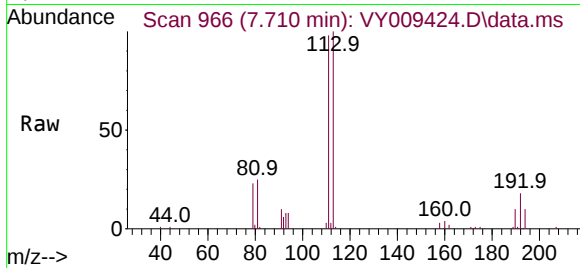




#35
Dibromofluoromethane
Concen: 43.671 ug/l
RT: 7.710 min Scan# 910
Delta R.T. -0.000 min
Lab File: VY009424.D
Acq: 01 Jul 2022 15:54

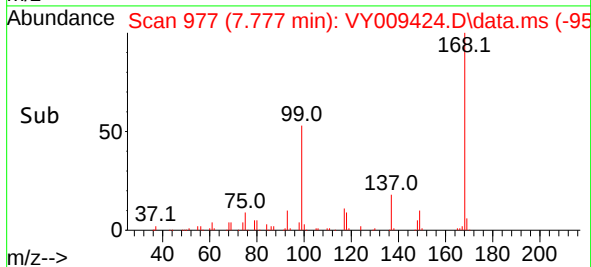
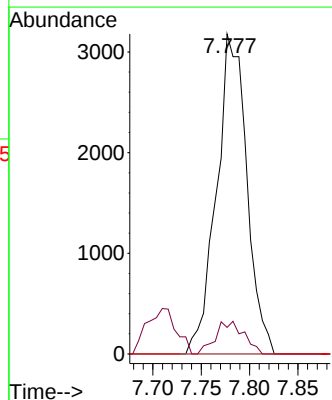
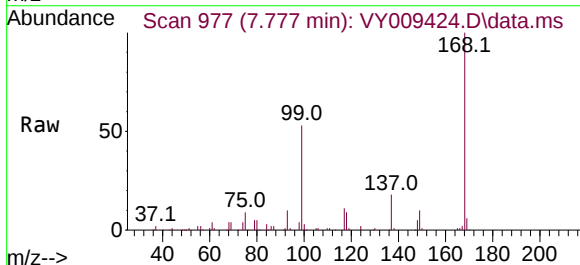
Instrument :
MSVOA_Y
ClientSampleId :
B2204-35

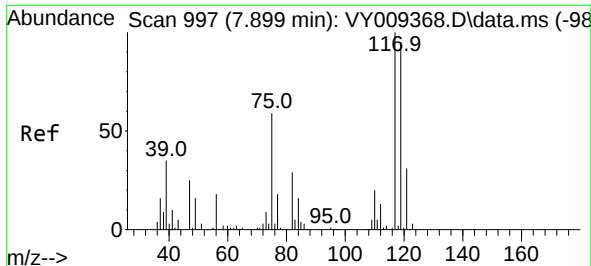
Tgt Ion:113 Resp: 35592
Ion Ratio Lower Upper
113 100
111 103.7 82.6 124.0
192 20.6 17.6 26.4



#36
1,1-Dichloropropene
Concen: 4.853 ug/l
RT: 7.777 min Scan# 977
Delta R.T. -0.134 min
Lab File: VY009424.D
Acq: 01 Jul 2022 15:54

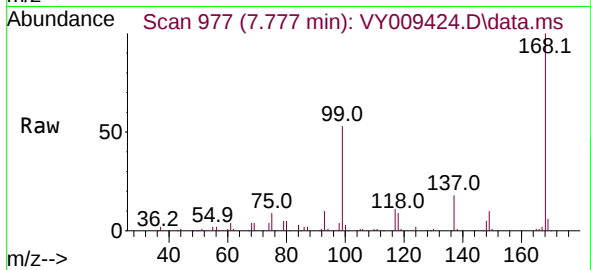
Tgt Ion: 75 Resp: 6916
Ion Ratio Lower Upper
75 100
110 9.6 17.1 51.2#
77 0.0 24.4 36.6#



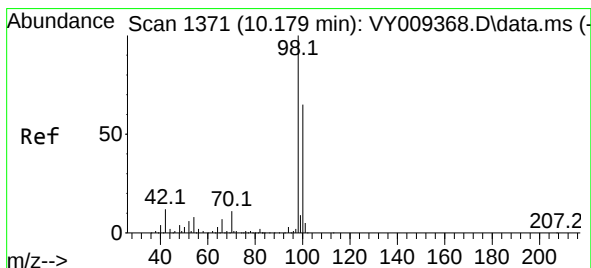
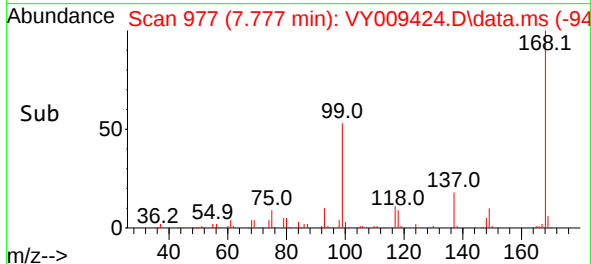
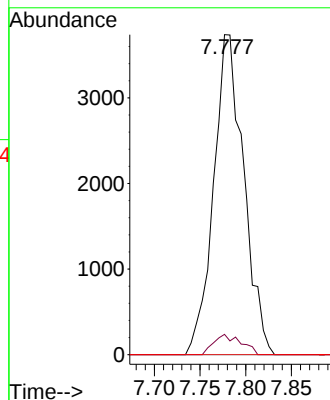


#38
Carbon Tetrachloride
Concen: 5.758 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY009424.D
Acq: 01 Jul 2022 15:54

Instrument :
MSVOA_Y
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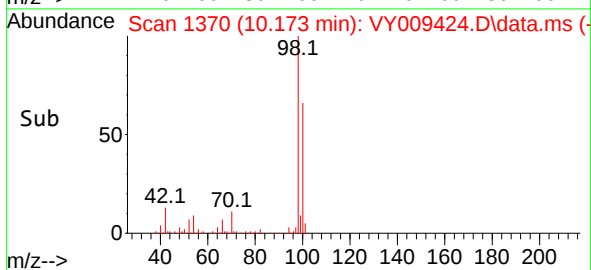
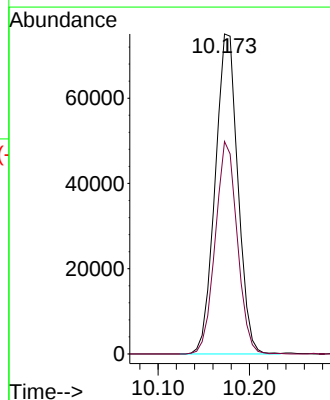
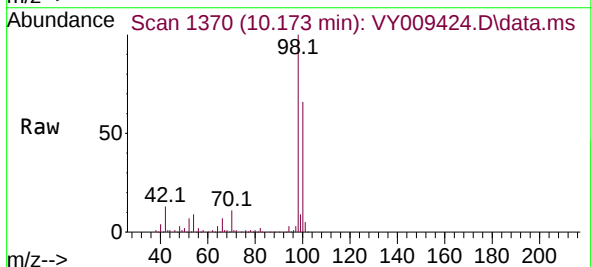


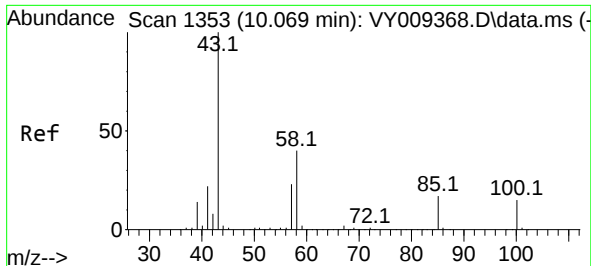
Tgt Ion:117 Resp: 8577
Ion Ratio Lower Upper
117 100
119 6.3 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 51.863 ug/l
RT: 10.173 min Scan# 1370
Delta R.T. -0.006 min
Lab File: VY009424.D
Acq: 01 Jul 2022 15:54

Tgt Ion: 98 Resp: 129596
Ion Ratio Lower Upper
98 100
100 64.3 50.2 75.2

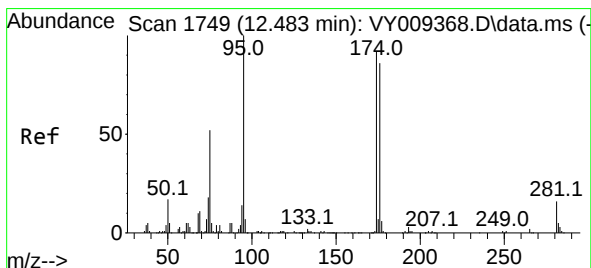
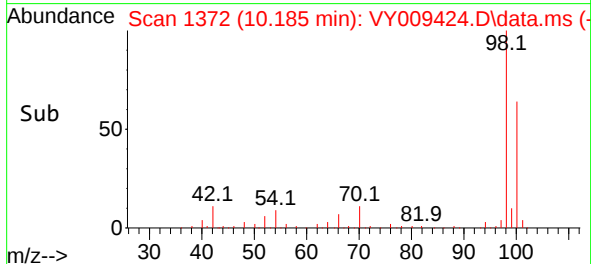
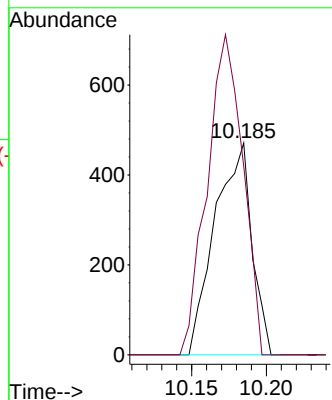
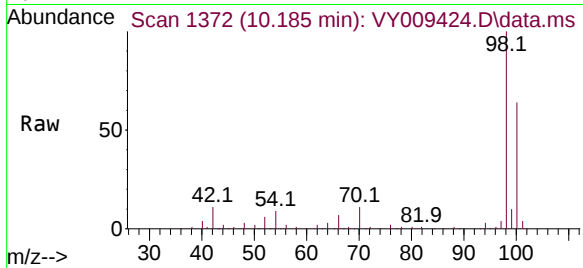




#51
4-Methyl-2-Pentanone
Concen: 1.011 ug/l
RT: 10.185 min Scan# 11
Delta R.T. 0.116 min
Lab File: VY009424.D
Acq: 01 Jul 2022 15:54

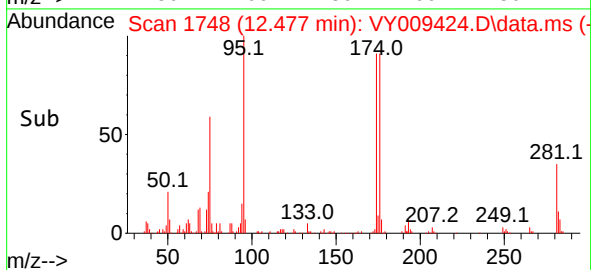
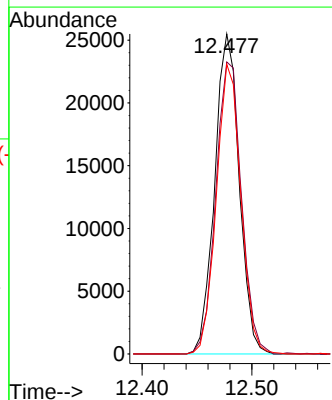
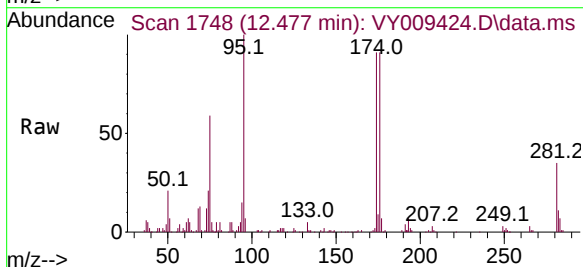
Instrument :
MSVOA_Y
ClientSampleId :
B2204-35

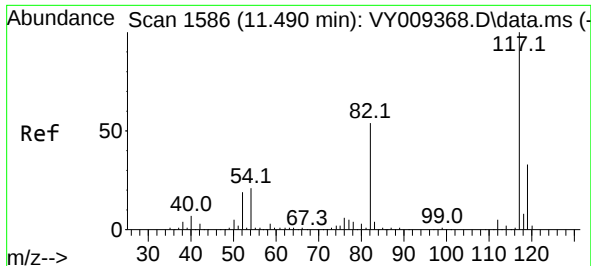
Tgt Ion: 43 Resp: 809
Ion Ratio Lower Upper
43 100
58 146.1 28.1 42.1#



#62
4-Bromofluorobenzene
Concen: 33.474 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY009424.D
Acq: 01 Jul 2022 15:54

Tgt Ion: 95 Resp: 39670
Ion Ratio Lower Upper
95 100
174 95.4 0.0 177.0
176 90.3 0.0 175.8

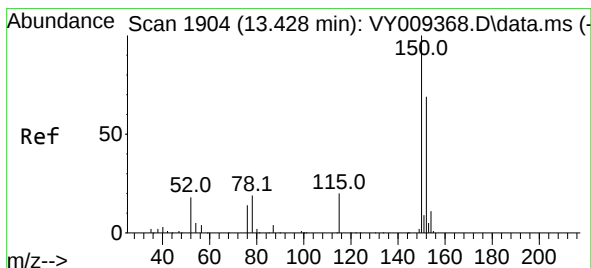
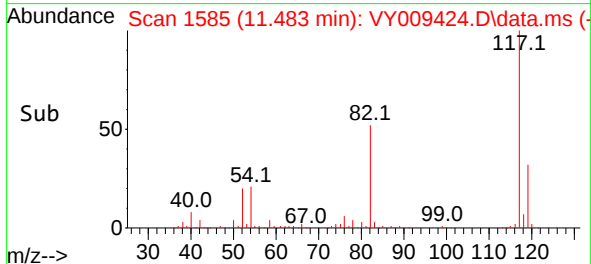
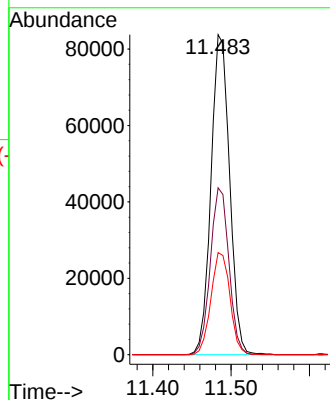
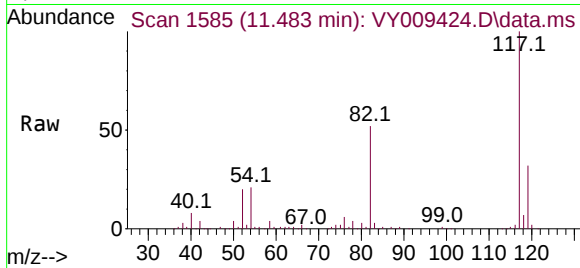




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.483 min Scan# 11
Delta R.T. -0.007 min
Lab File: VY009424.D
Acq: 01 Jul 2022 15:54

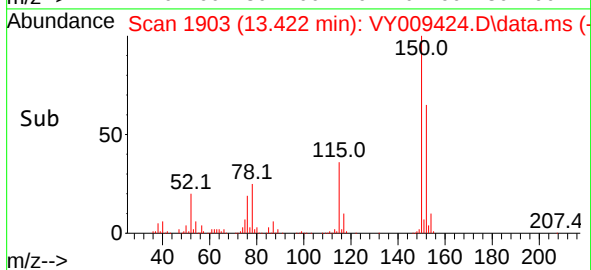
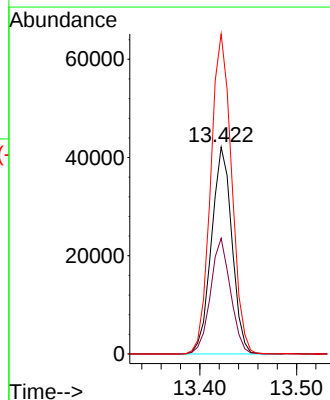
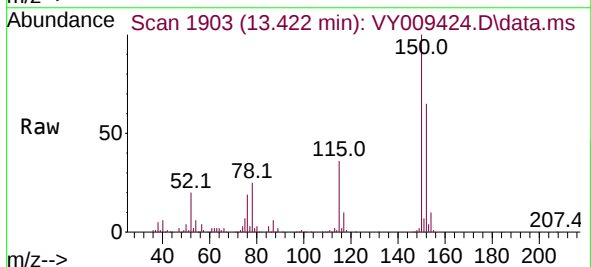
Instrument :
MSVOA_Y
ClientSampleId :
B2204-35

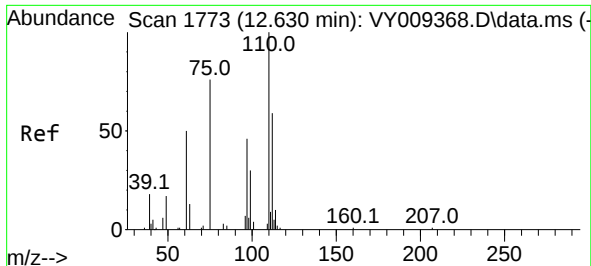
Tgt Ion:117 Resp: 138223
Ion Ratio Lower Upper
117 100
82 52.1 43.0 64.4
119 31.9 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY009424.D
Acq: 01 Jul 2022 15:54

Tgt Ion:152 Resp: 61992
Ion Ratio Lower Upper
152 100
115 54.7 28.2 84.7
150 158.3 0.0 347.6

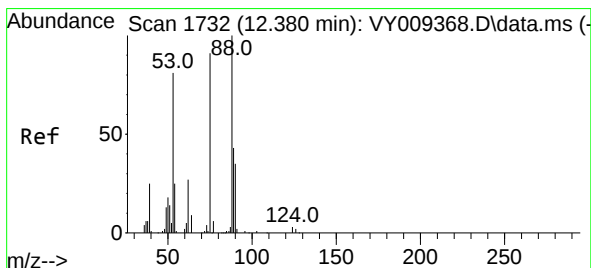
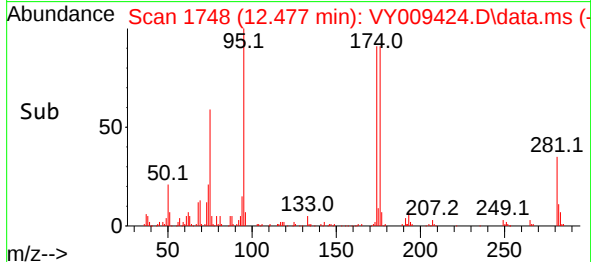
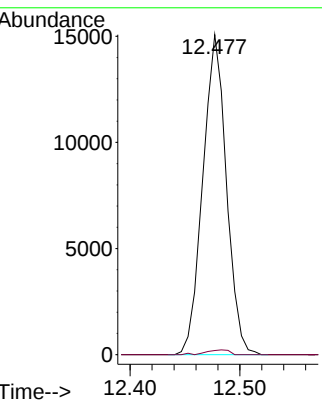
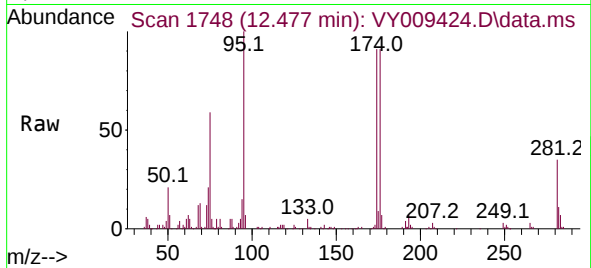




#76
1,2,3-Trichloropropane
Concen: 31.067 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.153 min
Lab File: VY009424.D
Acq: 01 Jul 2022 15:54

Instrument :
MSVOA_Y
ClientSampleId :
B2204-35

Tgt Ion: 75 Resp: 22554
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 69.170 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.103 min
Lab File: VY009424.D
Acq: 01 Jul 2022 15:54

Tgt Ion: 75 Resp: 22554
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.7 37.0 55.4#

