

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022723\
 Data File : VY012733.D
 Acq On : 27 Feb 2023 13:38
 Operator : KP/MD
 Sample : 01700-01
 Misc : 4.99g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 MW-1R

Quant Time: Feb 28 00:22:29 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022123S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 22 01:21:05 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	117917	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	204940	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	182727	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	84341	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	83574	60.011	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	120.020%
35) Dibromofluoromethane	7.716	113	66924	48.347	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.700%
50) Toluene-d8	10.179	98	286219	55.192	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	110.380%
62) 4-Bromofluorobenzene	12.483	95	87900	52.967	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	105.940%

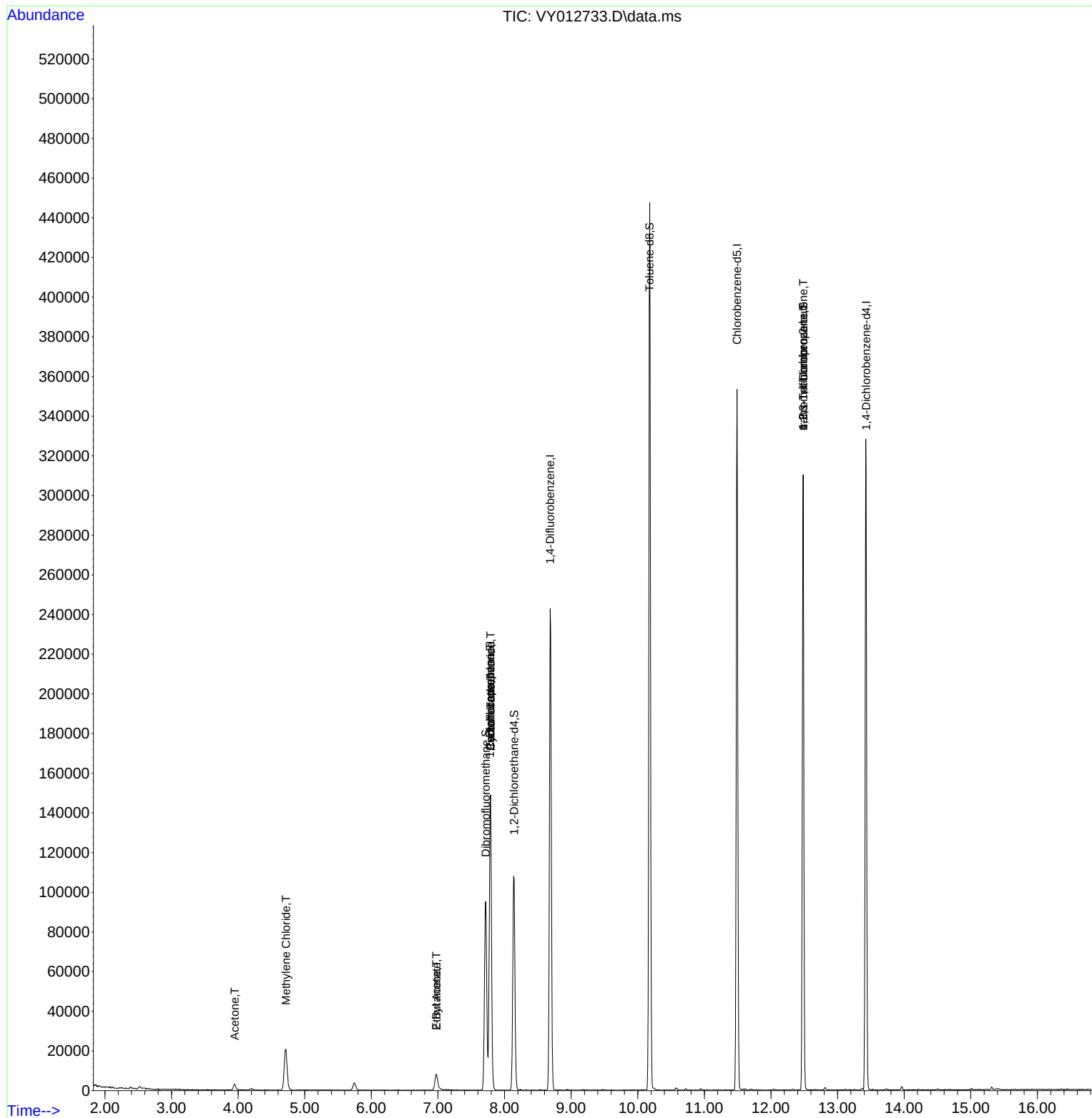
Target Compounds					Qvalue	
3) Chloromethane	2.107	50	507	Below Cal	#	88
16) Acetone	3.948	43	5260	11.575	ug/l	96
20) Methylene Chloride	4.716	84	15558	5.654	ug/l	96
25) 2-Butanone	6.978	43	1548	2.567	ug/l	# 52
31) Cyclohexane	7.789	56	2594	1.072	ug/l	# 1
36) 1,1-Dichloropropene	7.783	75	8945	4.077	ug/l	# 52
37) Ethyl Acetate	6.978	43	1548	1.046	ug/l	# 52
38) Carbon Tetrachloride	7.789	117	11363	5.009	ug/l	# 16
76) 1,2,3-Trichloropropane	12.483	75	47188	44.879	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.483	75	47188	95.075	ug/l	# 9

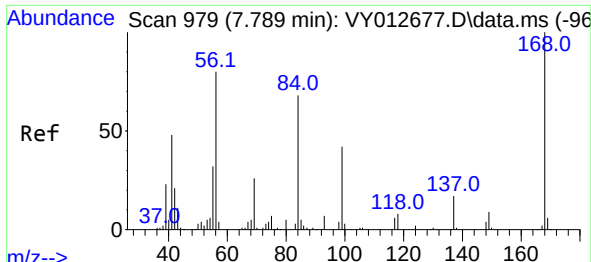
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022723\
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022123S.M
Quant Title : SW846 8260
QLast Update : Wed Feb 22 01:21:05 2023
Response via : Initial Calibration

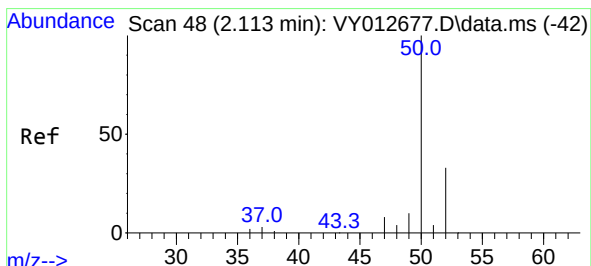
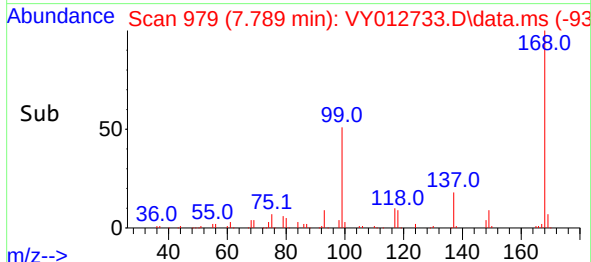
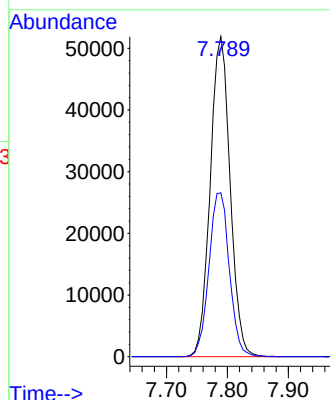
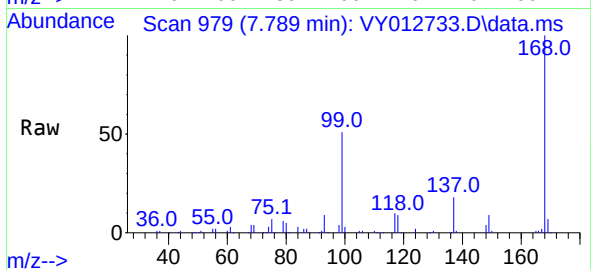




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY012733.D
Acq: 27 Feb 2023 13:38

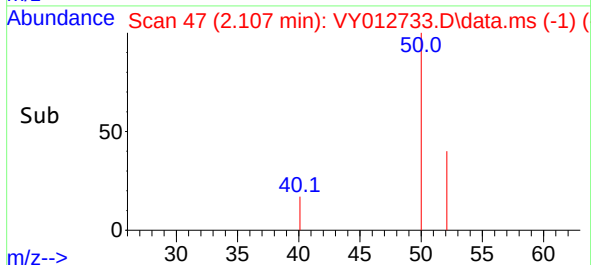
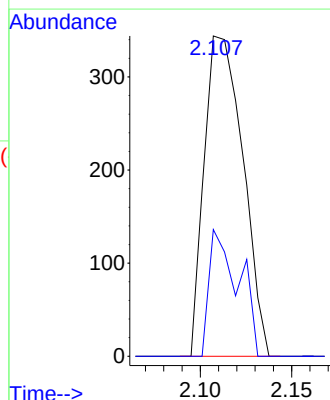
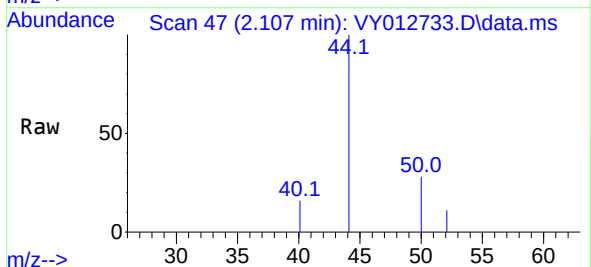
Instrument :
MSVOA_Y
ClientSampleId :
MW-1R

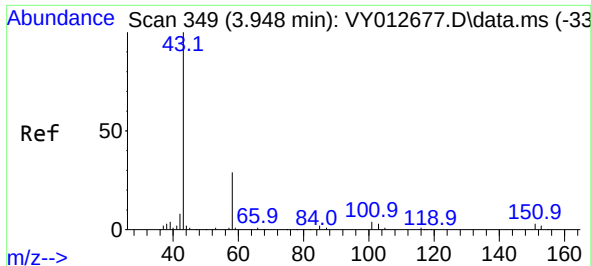
Tgt Ion:168 Resp: 117917
Ion Ratio Lower Upper
168 100
99 51.2 45.4 68.2



#3
Chloromethane
Concen: Below Cal
RT: 2.107 min Scan# 47
Delta R.T. -0.006 min
Lab File: VY012733.D
Acq: 27 Feb 2023 13:38

Tgt Ion: 50 Resp: 507
Ion Ratio Lower Upper
50 100
52 39.5 26.1 39.1#

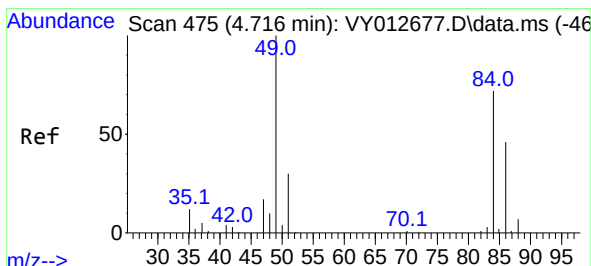
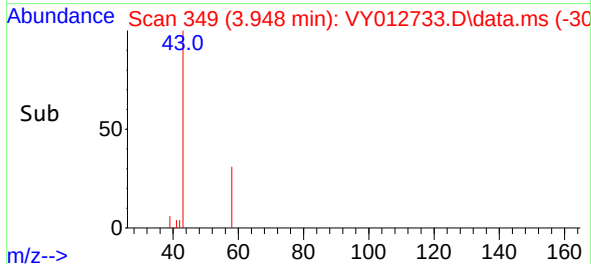
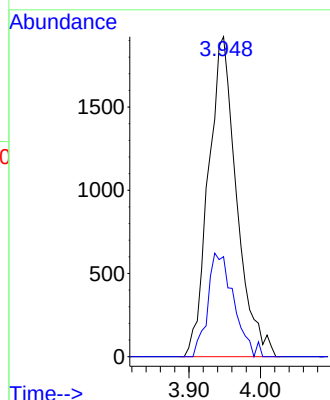
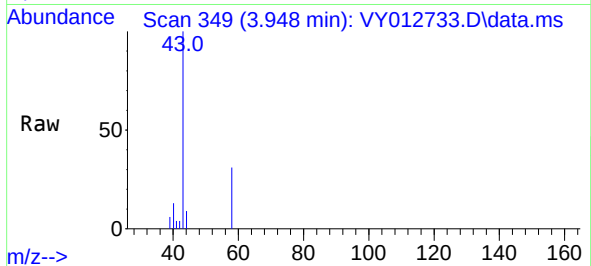




#16
Acetone
Concen: 11.575 ug/l
RT: 3.948 min Scan# 349
Delta R.T. -0.000 min
Lab File: VY012733.D
Acq: 27 Feb 2023 13:38

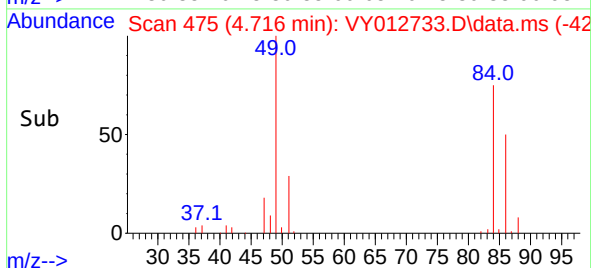
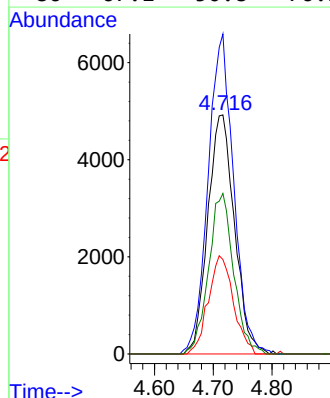
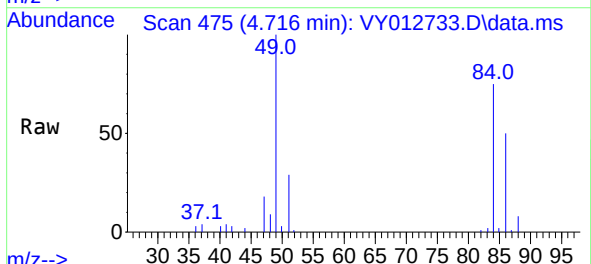
Instrument :
MSVOA_Y
ClientSampleId :
MW-1R

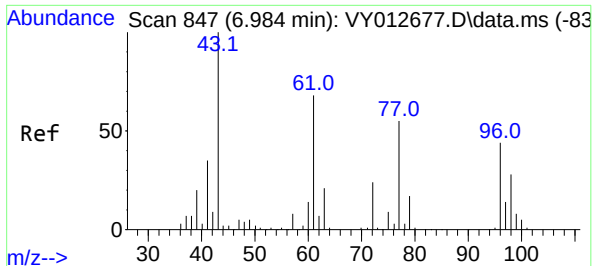
Tgt Ion: 43 Resp: 5260
Ion Ratio Lower Upper
43 100
58 31.3 23.3 34.9



#20
Methylene Chloride
Concen: 5.654 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY012733.D
Acq: 27 Feb 2023 13:38

Tgt Ion: 84 Resp: 15558
Ion Ratio Lower Upper
84 100
49 133.9 111.1 166.7
51 39.5 33.5 50.3
86 67.1 50.8 76.2

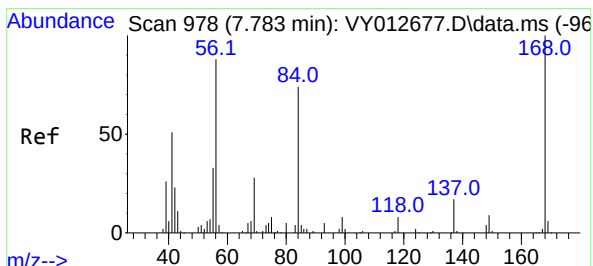
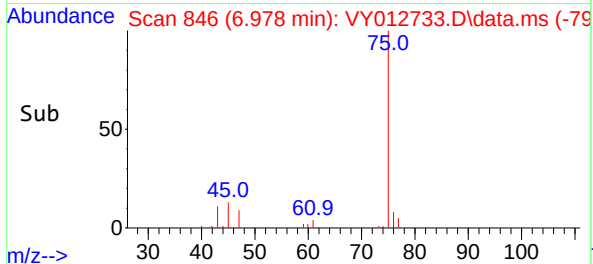
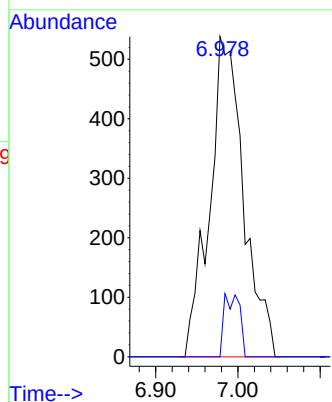
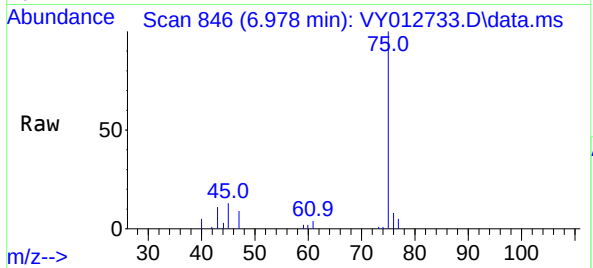




#25
2-Butanone
Concen: 2.567 ug/l
RT: 6.978 min Scan# 846
Delta R.T. -0.006 min
Lab File: VY012733.D
Acq: 27 Feb 2023 13:38

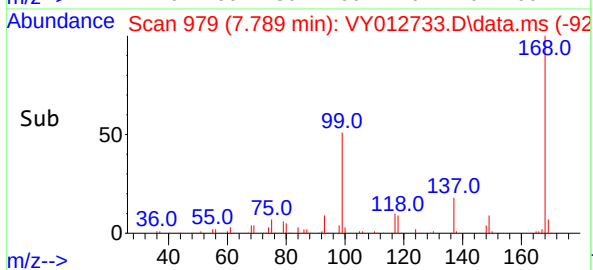
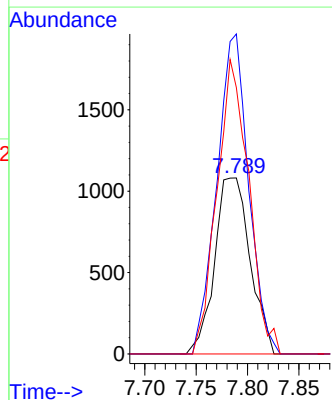
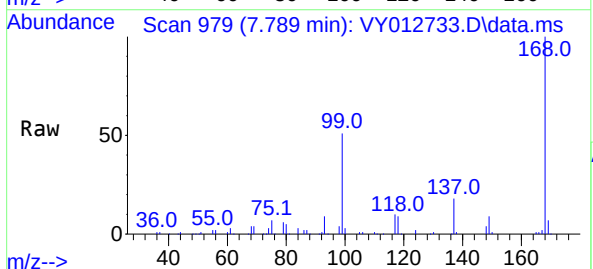
Instrument :
MSVOA_Y
ClientSampleId :
MW-1R

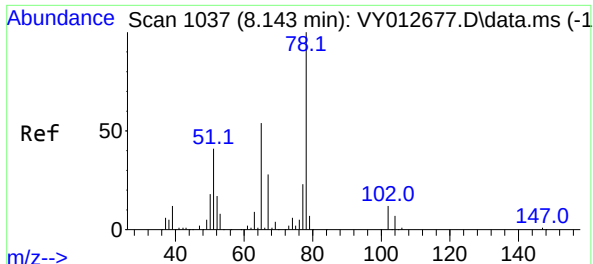
Tgt Ion: 43 Resp: 1548
Ion Ratio Lower Upper
43 100
72 0.0 18.8 28.2#



#31
Cyclohexane
Concen: 1.072 ug/l
RT: 7.789 min Scan# 979
Delta R.T. 0.006 min
Lab File: VY012733.D
Acq: 27 Feb 2023 13:38

Tgt Ion: 56 Resp: 2594
Ion Ratio Lower Upper
56 100
69 181.9 25.4 38.2#
84 151.4 67.3 100.9#





#33

1,2-Dichloroethane-d4

Concen: 60.011 ug/l

RT: 8.143 min Scan# 1037

Delta R.T. -0.000 min

Lab File: VY012733.D

Acq: 27 Feb 2023 13:38

Instrument :

MSVOA_Y

ClientSampleId :

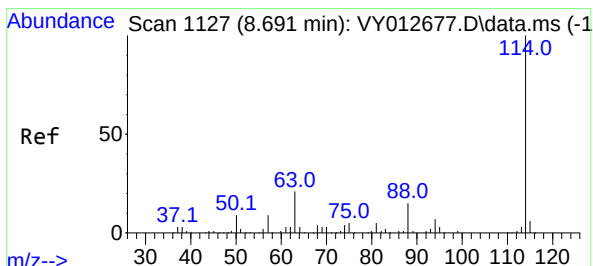
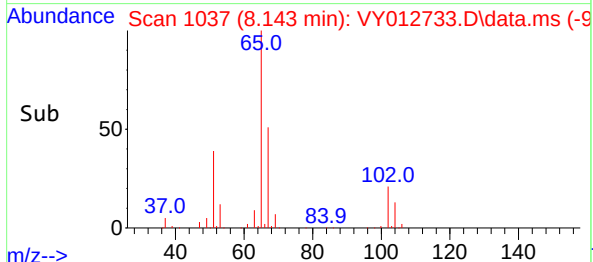
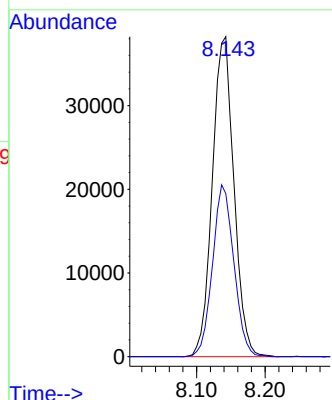
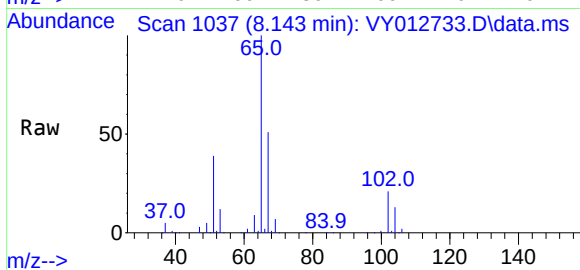
MW-1R

Tgt Ion: 65 Resp: 83574

Ion Ratio Lower Upper

65 100

67 53.2 0.0 104.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VY012733.D

Acq: 27 Feb 2023 13:38

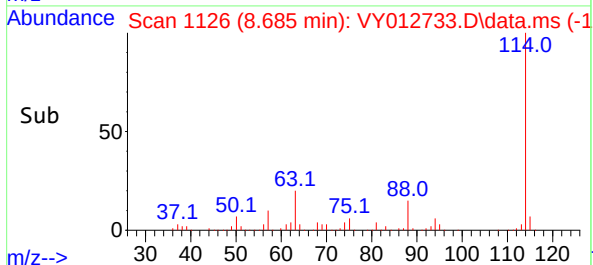
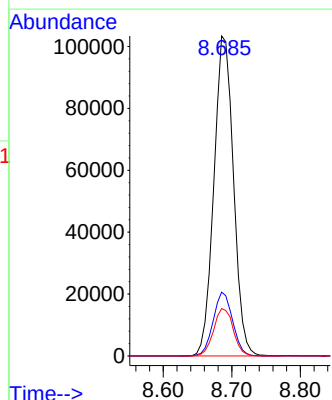
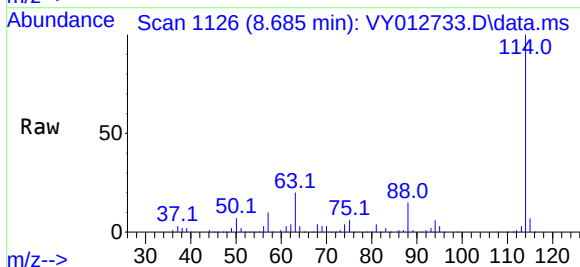
Tgt Ion: 114 Resp: 204940

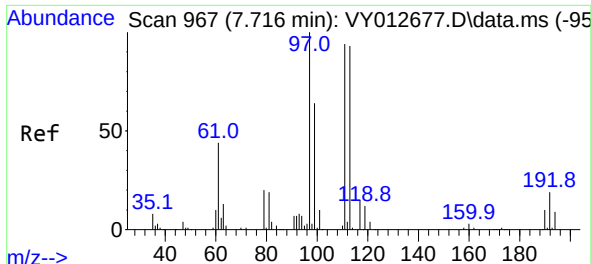
Ion Ratio Lower Upper

114 100

63 20.0 0.0 42.8

88 14.8 0.0 29.6

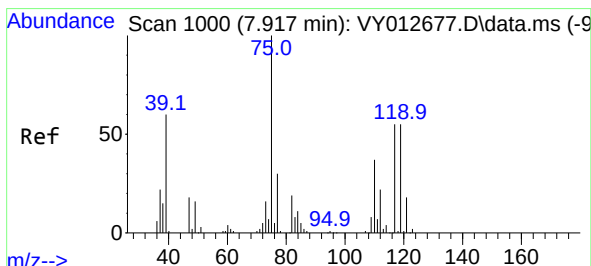
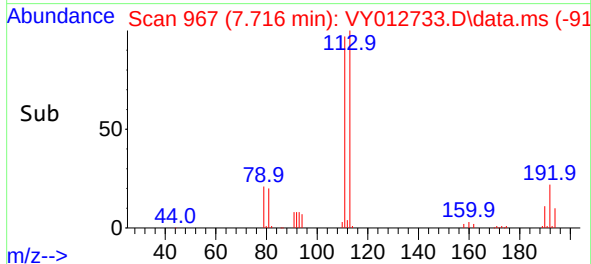
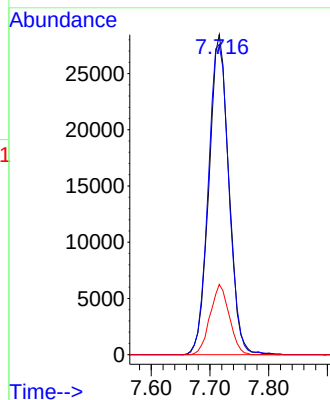
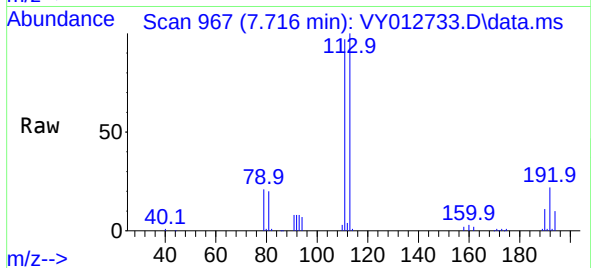




#35
Dibromofluoromethane
Concen: 48.347 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012733.D
Acq: 27 Feb 2023 13:38

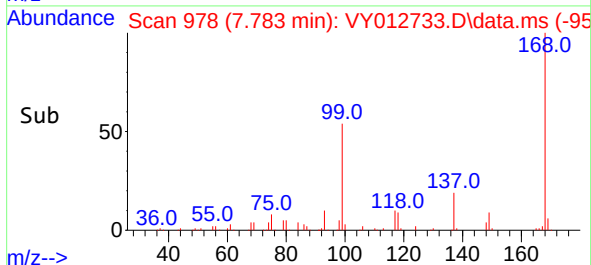
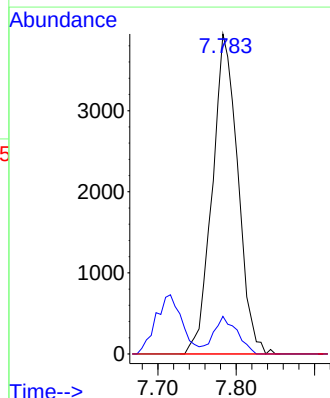
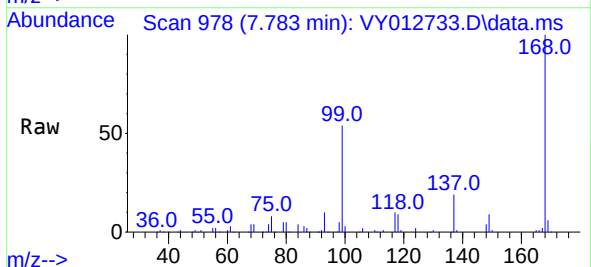
Instrument :
MSVOA_Y
ClientSampleId :
MW-1R

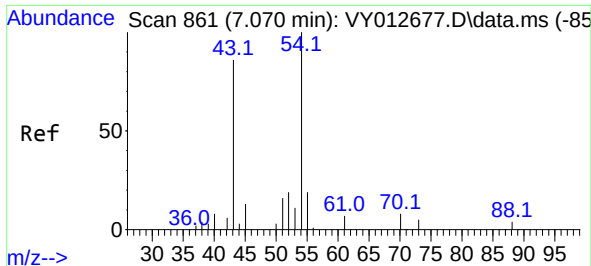
Tgt Ion:113 Resp: 66924
Ion Ratio Lower Upper
113 100
111 101.1 82.0 123.0
192 21.1 16.2 24.2



#36
1,1-Dichloropropene
Concen: 4.077 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.134 min
Lab File: VY012733.D
Acq: 27 Feb 2023 13:38

Tgt Ion: 75 Resp: 8945
Ion Ratio Lower Upper
75 100
110 10.9 17.6 52.8#
77 0.0 24.6 37.0#





#37

Ethyl Acetate

Concen: 1.046 ug/l

RT: 6.978 min Scan# 84

Delta R.T. -0.092 min

Lab File: VY012733.D

Acq: 27 Feb 2023 13:38

Instrument :

MSVOA_Y

ClientSampleId :

MW-1R

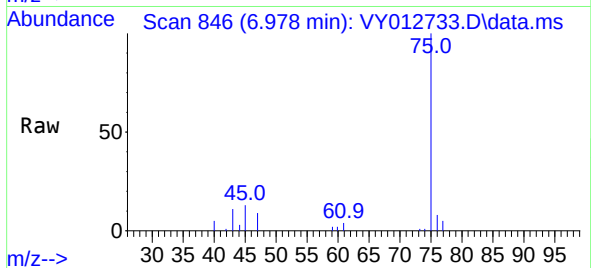
Tgt Ion: 43 Resp: 1548

Ion Ratio Lower Upper

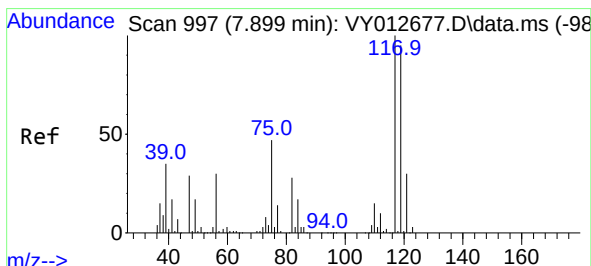
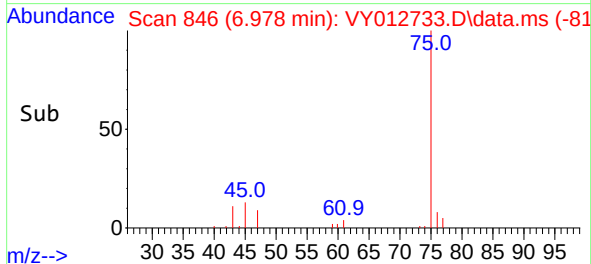
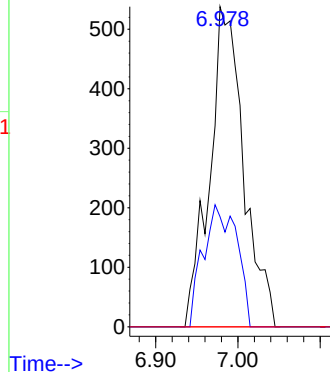
43 100

61 37.5 9.9 14.9#

70 0.0 6.4 9.6#



Abundance



#38

Carbon Tetrachloride

Concen: 5.009 ug/l

RT: 7.789 min Scan# 979

Delta R.T. -0.110 min

Lab File: VY012733.D

Acq: 27 Feb 2023 13:38

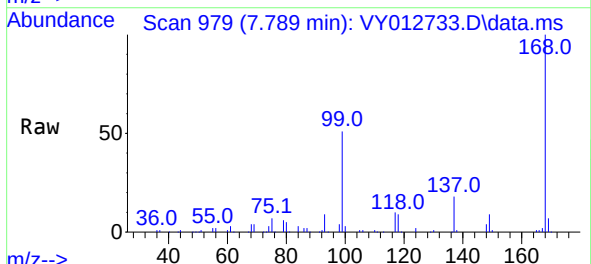
Tgt Ion: 117 Resp: 11363

Ion Ratio Lower Upper

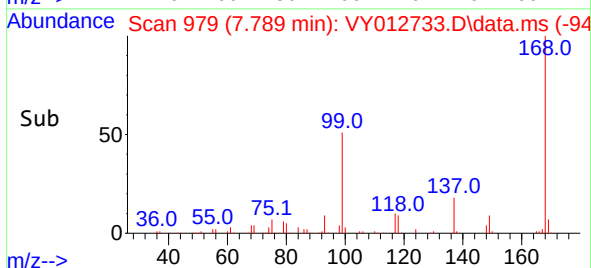
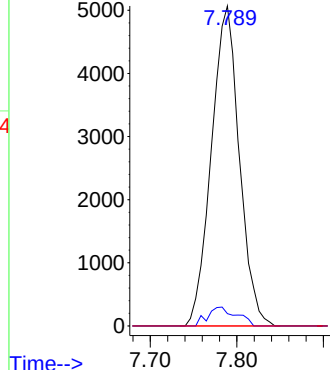
117 100

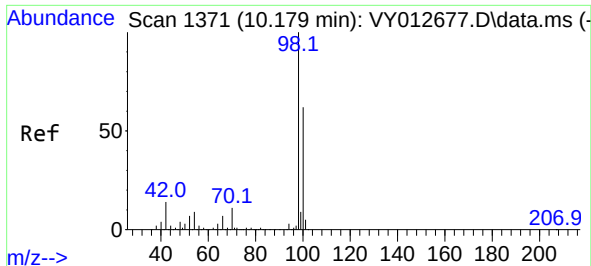
119 3.8 75.5 113.3#

121 0.0 23.8 35.8#



Abundance

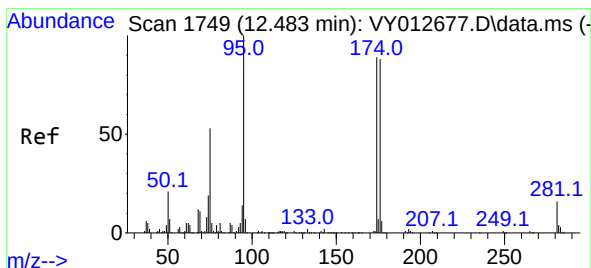
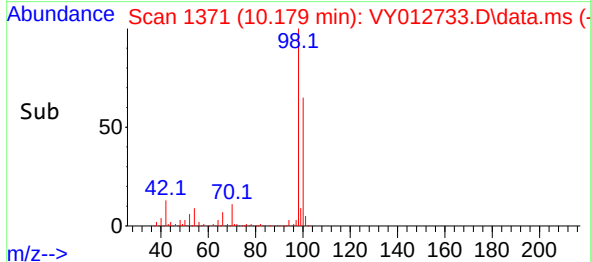
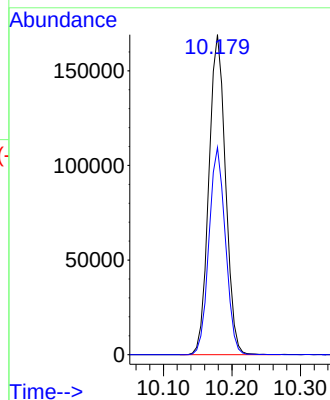
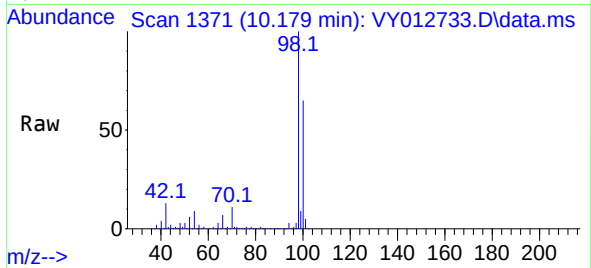




#50
Toluene-d8
Concen: 55.192 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY012733.D
Acq: 27 Feb 2023 13:38

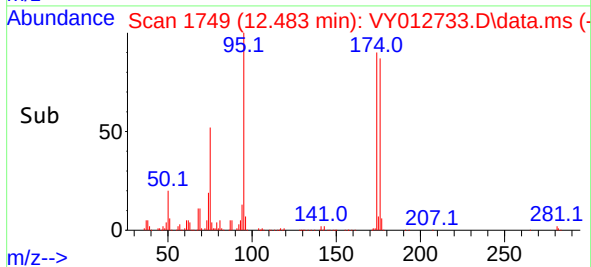
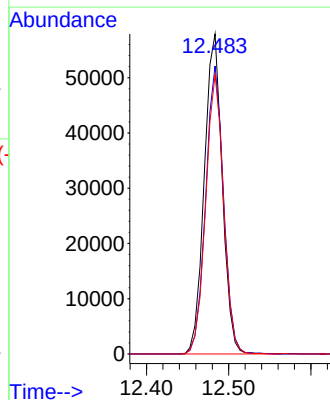
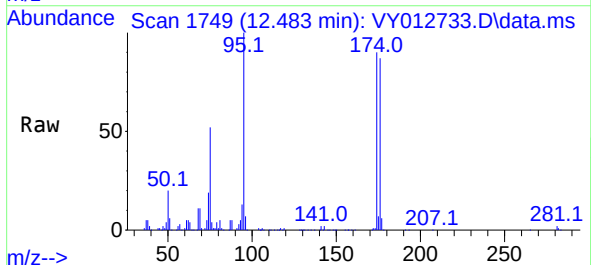
Instrument :
MSVOA_Y
ClientSampleId :
MW-1R

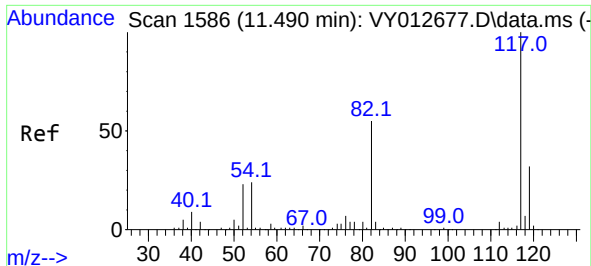
Tgt Ion: 98 Resp: 286219
Ion Ratio Lower Upper
98 100
100 63.9 51.2 76.8



#62
4-Bromofluorobenzene
Concen: 52.967 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY012733.D
Acq: 27 Feb 2023 13:38

Tgt Ion: 95 Resp: 87900
Ion Ratio Lower Upper
95 100
174 89.7 0.0 172.8
176 86.8 0.0 169.4

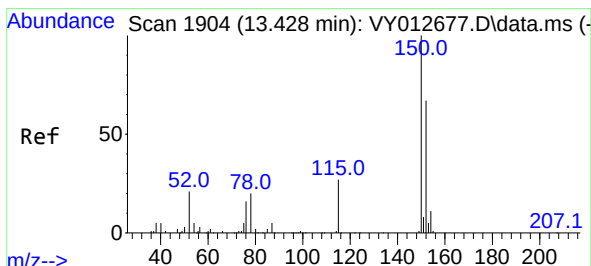
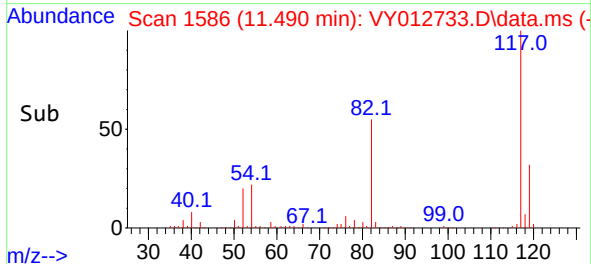
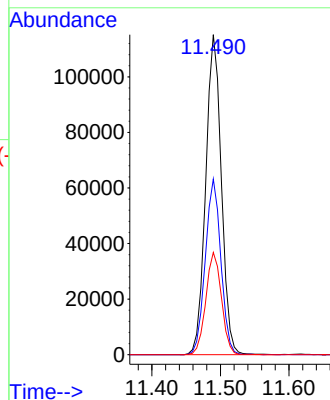
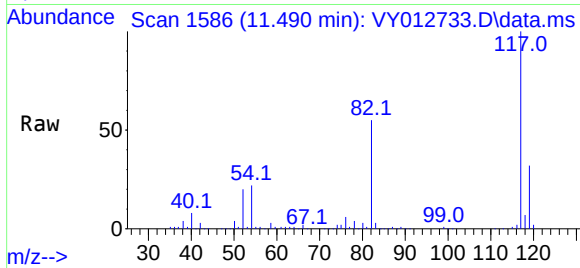




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY012733.D
Acq: 27 Feb 2023 13:38

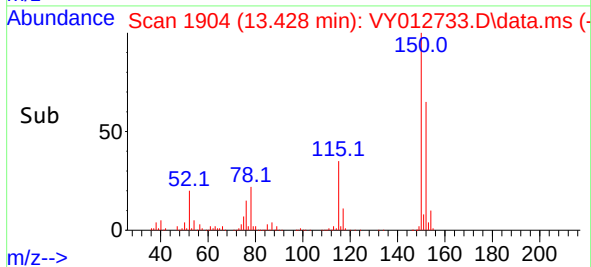
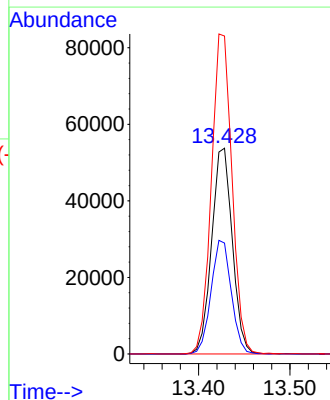
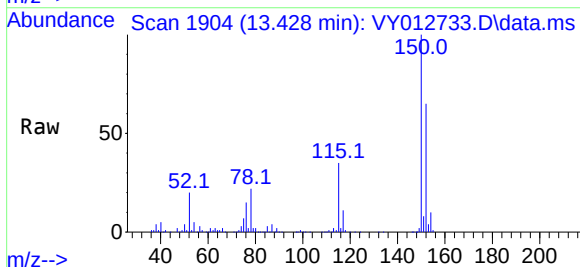
Instrument :
MSVOA_Y
ClientSampleId :
MW-1R

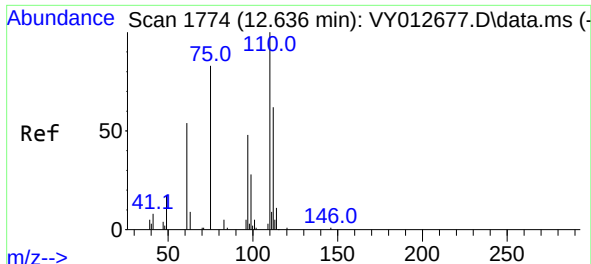
Tgt Ion:117 Resp: 182727
Ion Ratio Lower Upper
117 100
82 54.9 44.1 66.1
119 32.0 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY012733.D
Acq: 27 Feb 2023 13:38

Tgt Ion:152 Resp: 84341
Ion Ratio Lower Upper
152 100
115 54.2 28.7 86.3
150 155.1 0.0 347.6

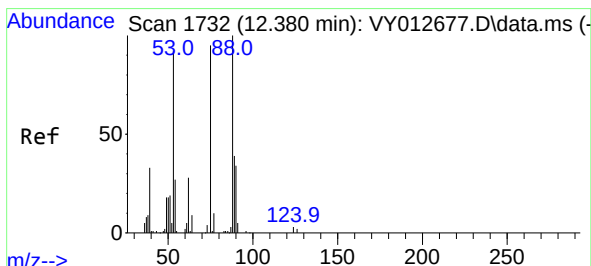
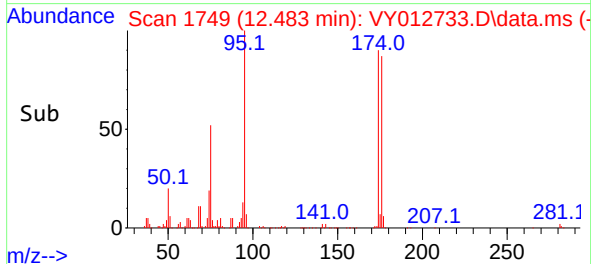
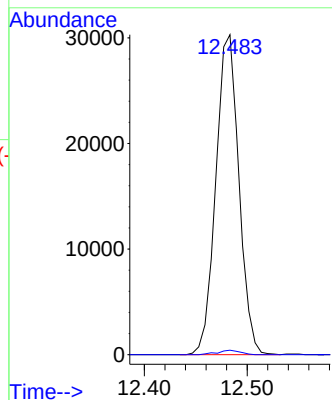
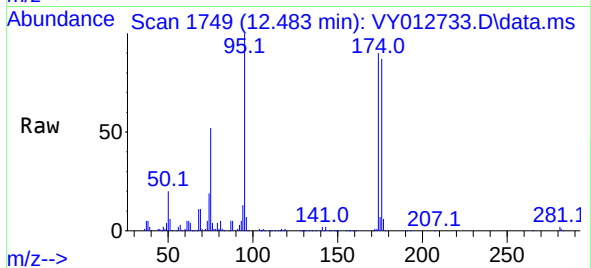




#76
1,2,3-Trichloropropane
Concen: 44.879 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY012733.D
Acq: 27 Feb 2023 13:38

Instrument :
MSVOA_Y
ClientSampleId :
MW-1R

Tgt Ion: 75 Resp: 47188
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 95.075 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.103 min
Lab File: VY012733.D
Acq: 27 Feb 2023 13:38

Tgt Ion: 75 Resp: 47188
Ion Ratio Lower Upper
75 100
53 0.0 80.4 120.6#
89 0.1 36.5 54.7#

