

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121222\
 Data File : VY011777.D
 Acq On : 12 Dec 2022 17:27
 Operator : KP/MD
 Sample : N6024-01
 Misc : 5.60g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-Q

Quant Time: Dec 13 00:20:47 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y120922S.M
 Quant Title : SW846 8260
 QLast Update : Sat Dec 10 04:19:59 2022
 Response via : Initial Calibration

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

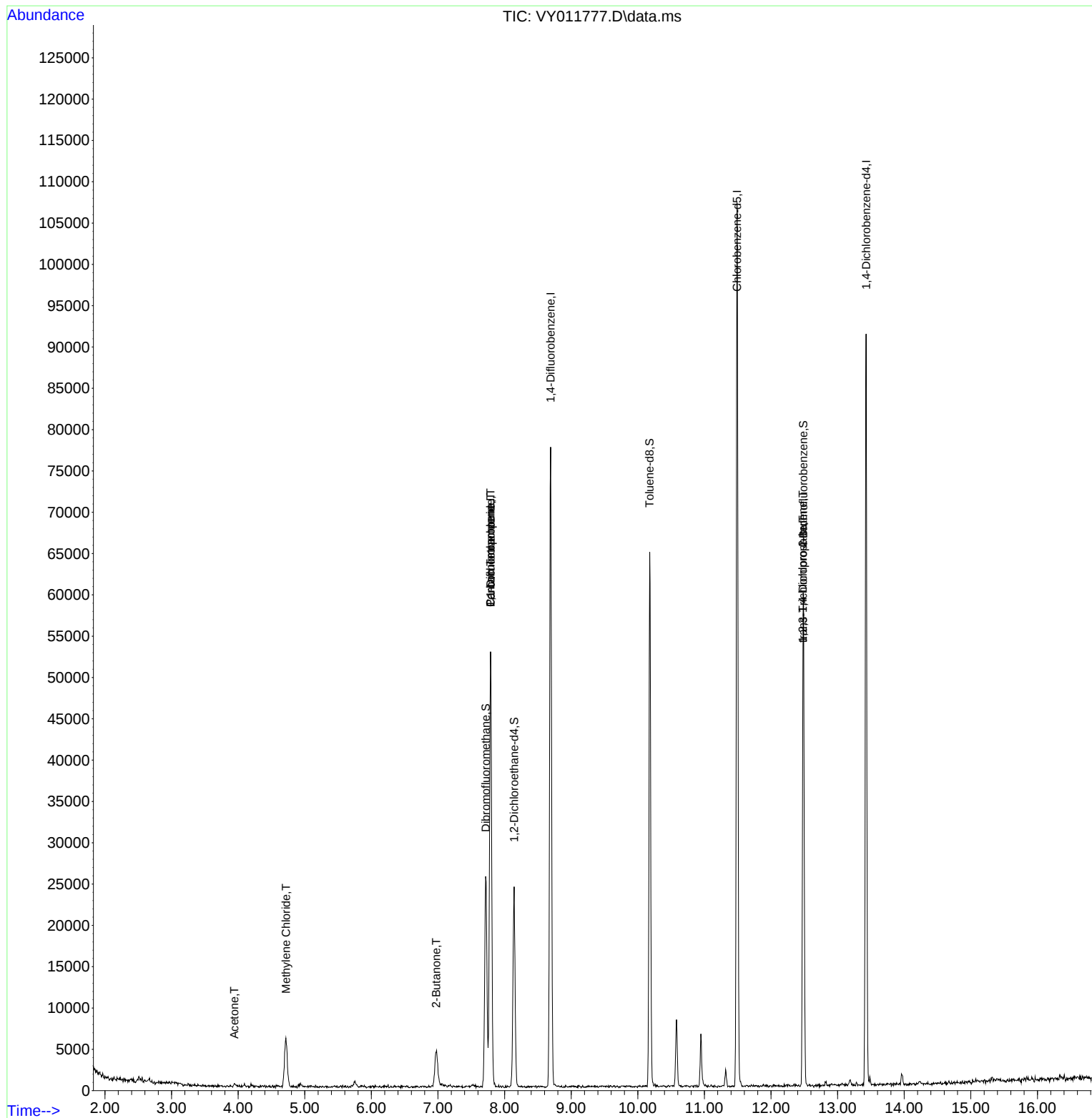
Internal Standards						
1) Pentafluorobenzene	7.789	168	41159	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	67040	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	60775	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	24778	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	18527	67.657	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 135.320%	
35) Dibromofluoromethane	7.716	113	17844	60.744	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 121.480%	
50) Toluene-d8	10.179	98	44591	44.998	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 90.000%	
62) 4-Bromofluorobenzene	12.483	95	15553	39.011	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 78.020%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.119	50	82	Below Cal	#	41
5) Bromomethane	2.674	94	100	Below Cal	#	1
11) Tert butyl alcohol	4.936	59	246	Below Cal	#	74
16) Acetone	3.942	43	456	4.057	ug/l	92
20) Methylene Chloride	4.716	84	4307	5.542	ug/l	94
25) 2-Butanone	6.972	43	274	1.895	ug/l	# 46
31) Cyclohexane	7.789	56	798	Below Cal	#	21
36) 1,1-Dichloropropene	7.789	75	3169	6.229	ug/l	# 48
38) Carbon Tetrachloride	7.789	117	4053	6.782	ug/l	# 19
76) 1,2,3-Trichloropropane	12.477	75	8391	33.472	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.477	75	8391	75.954	ug/l	# 13

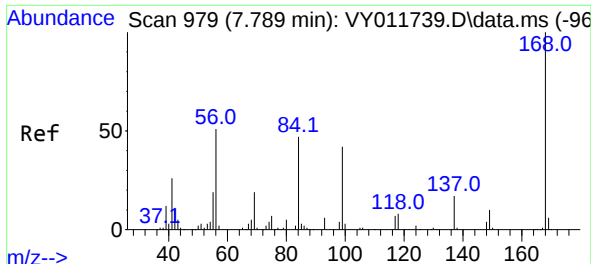
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121222\
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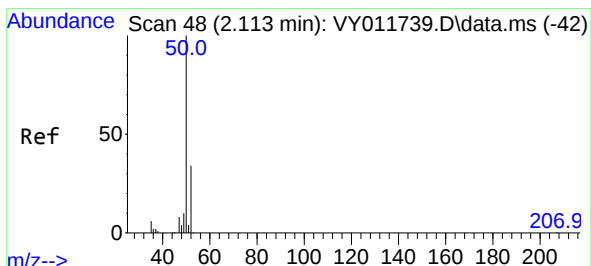
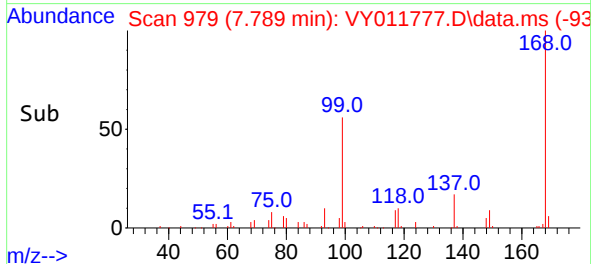
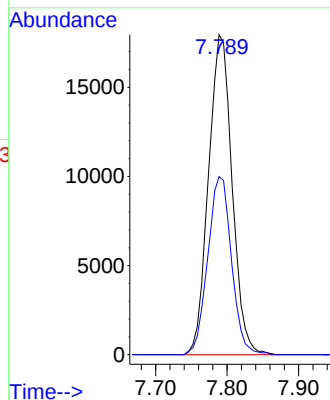
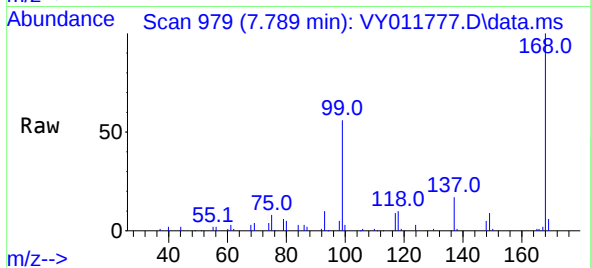




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011777.D
Acq: 12 Dec 2022 17:27

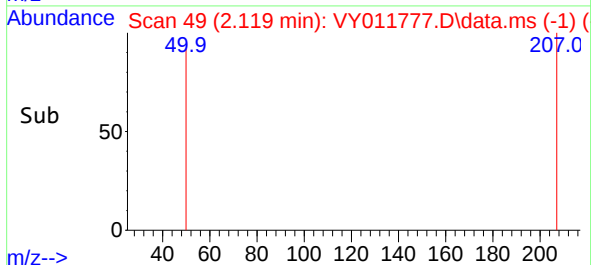
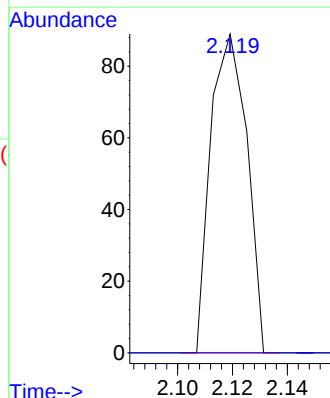
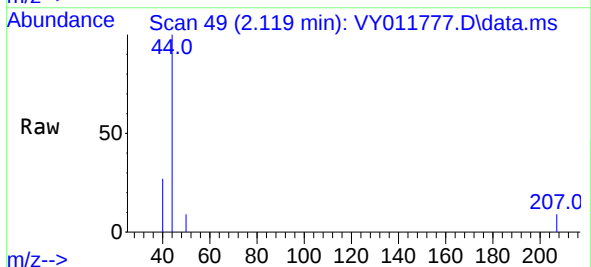
Instrument :
MSVOA_Y
ClientSampleId :
TP-Q

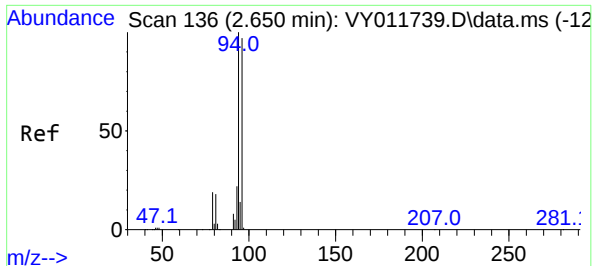
Tgt Ion:168 Resp: 41159
Ion Ratio Lower Upper
168 100
99 55.6 44.0 66.0



#3
Chloromethane
Concen: Below Cal
RT: 2.119 min Scan# 49
Delta R.T. 0.006 min
Lab File: VY011777.D
Acq: 12 Dec 2022 17:27

Tgt Ion: 50 Resp: 82
Ion Ratio Lower Upper
50 100
52 0.0 26.8 40.2#

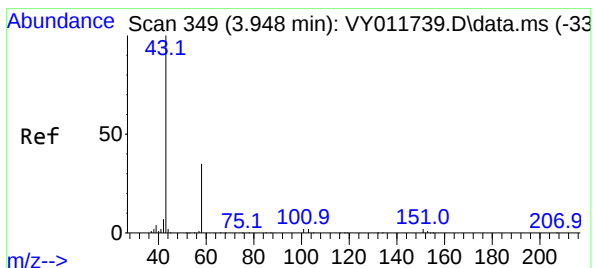
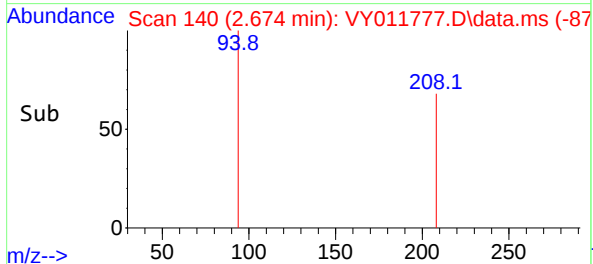
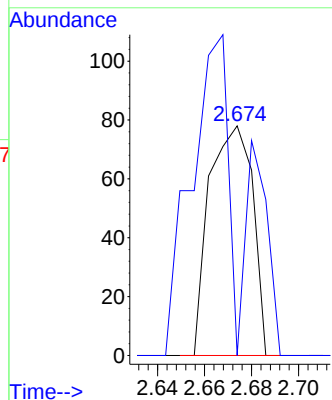
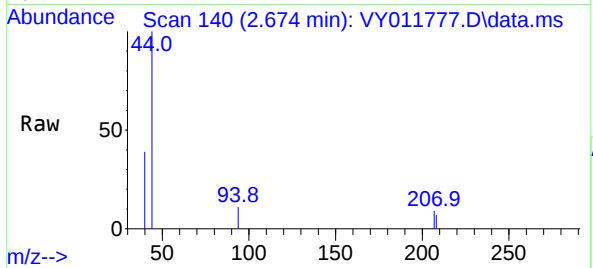




#5
Bromomethane
Concen: Below Cal
RT: 2.674 min Scan# 14
Delta R.T. 0.024 min
Lab File: VY011777.D
Acq: 12 Dec 2022 17:27

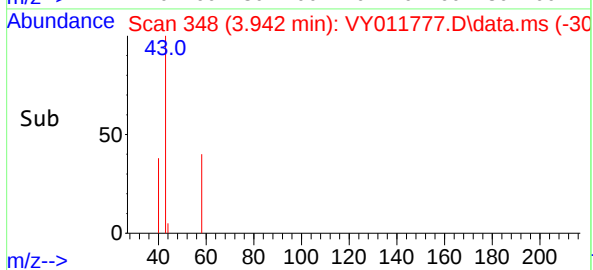
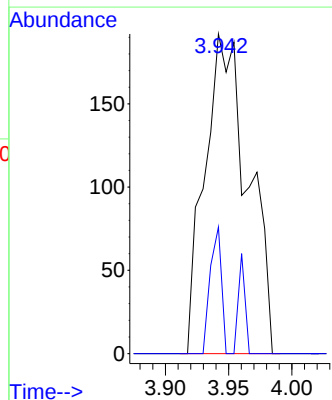
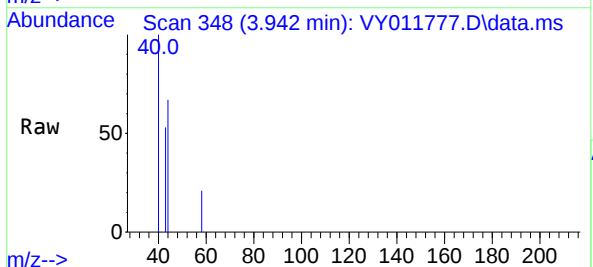
Instrument :
MSVOA_Y
ClientSampleId :
TP-Q

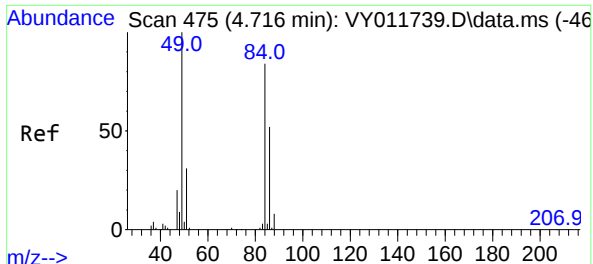
Tgt Ion: 94 Resp: 100
Ion Ratio Lower Upper
94 100
96 0.0 77.4 116.2#



#16
Acetone
Concen: 4.057 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.006 min
Lab File: VY011777.D
Acq: 12 Dec 2022 17:27

Tgt Ion: 43 Resp: 456
Ion Ratio Lower Upper
43 100
58 39.6 27.9 41.9



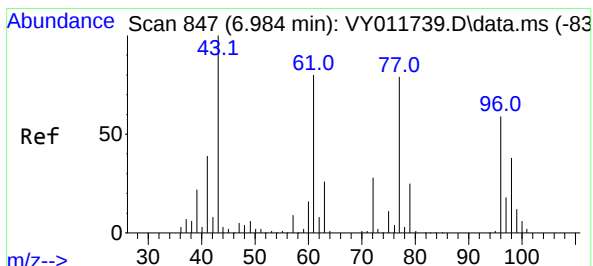
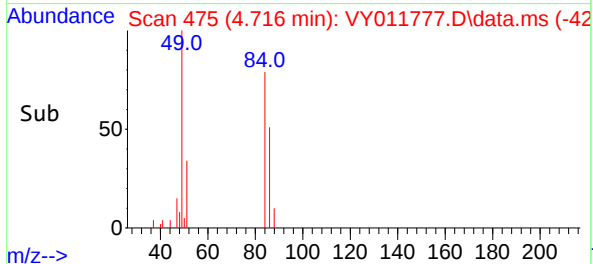
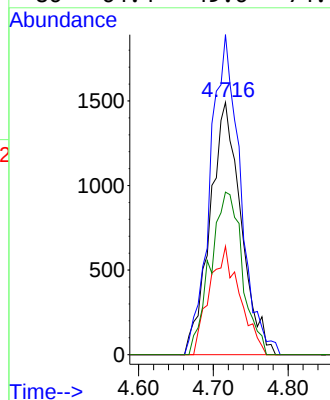
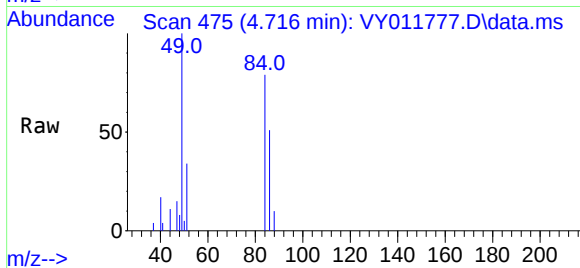


#20
Methylene Chloride
Concen: 5.542 ug/l
RT: 4.716 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY011777.D
Acq: 12 Dec 2022 17:27

Instrument :
MSVOA_Y
ClientSampleId :
TP-Q

Tgt Ion: 84 Resp: 4307

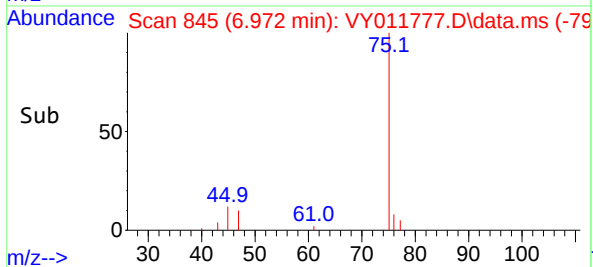
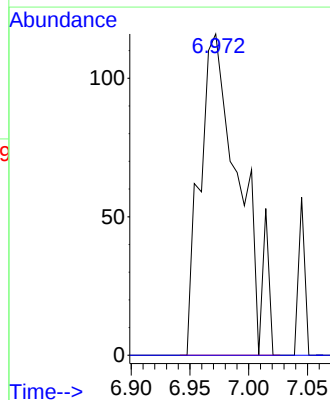
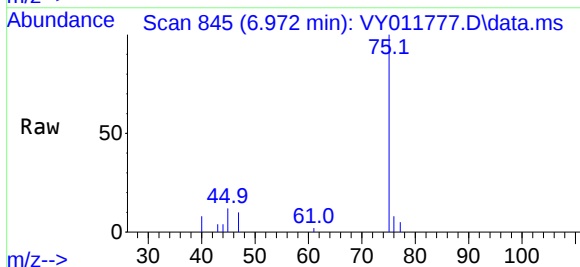
Ion	Ratio	Lower	Upper
84	100		
49	126.8	95.4	143.2
51	42.9	29.9	44.9
86	64.4	49.6	74.4

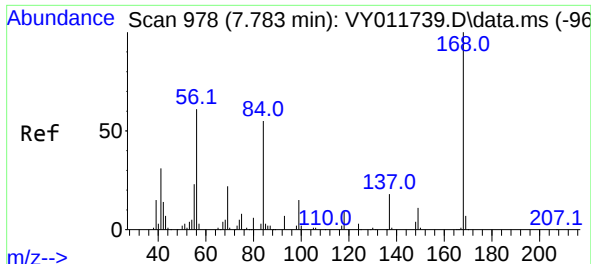


#25
2-Butanone
Concen: 1.895 ug/l
RT: 6.972 min Scan# 845
Delta R.T. -0.012 min
Lab File: VY011777.D
Acq: 12 Dec 2022 17:27

Tgt Ion: 43 Resp: 274

Ion	Ratio	Lower	Upper
43	100		
72	0.0	22.6	34.0#





#31

Cyclohexane

Concen: Below Cal

RT: 7.789 min Scan# 91

Delta R.T. 0.006 min

Lab File: VY011777.D

Acq: 12 Dec 2022 17:27

Instrument :

MSVOA_Y

ClientSampleId :

TP-Q

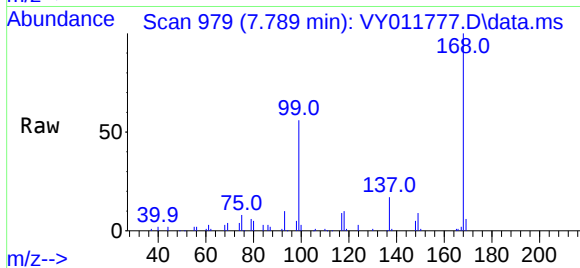
Tgt Ion: 56 Resp: 798

Ion Ratio Lower Upper

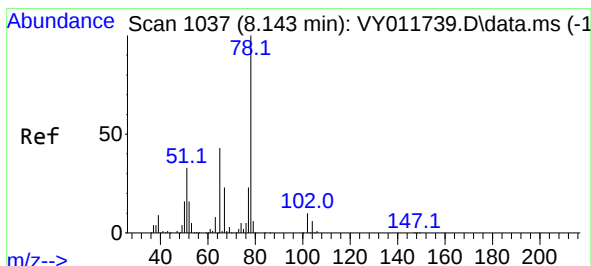
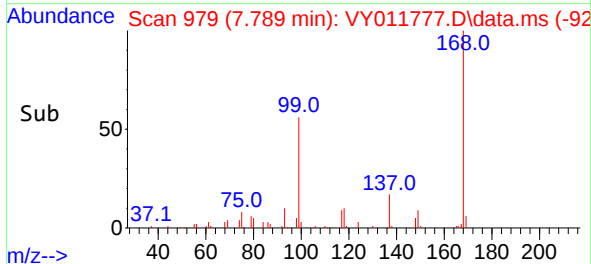
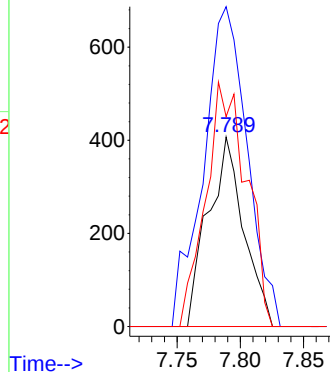
56 100

69 168.8 29.2 43.8#

84 110.8 72.6 108.8#



Abundance



#33

1,2-Dichloroethane-d4

Concen: 67.657 ug/l

RT: 8.142 min Scan# 1037

Delta R.T. -0.001 min

Lab File: VY011777.D

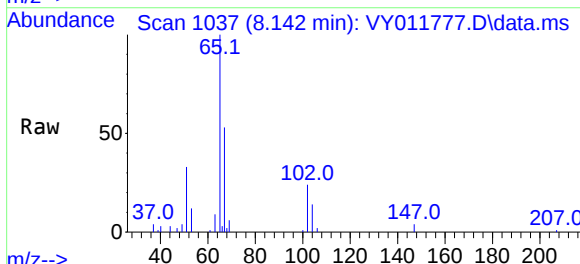
Acq: 12 Dec 2022 17:27

Tgt Ion: 65 Resp: 18527

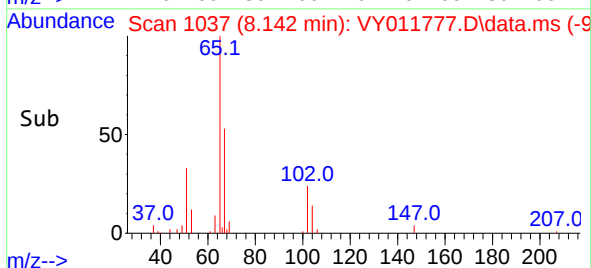
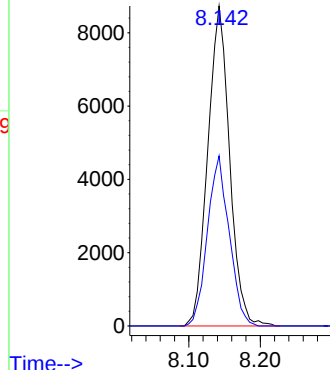
Ion Ratio Lower Upper

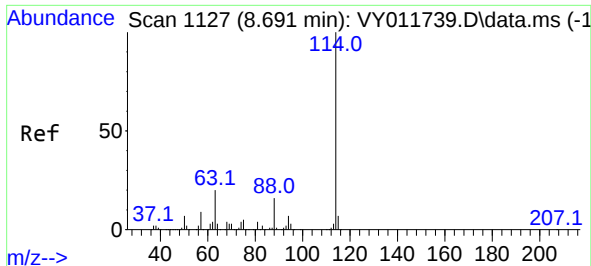
65 100

67 52.9 0.0 103.2



Abundance





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY011777.D

Acq: 12 Dec 2022 17:27

Instrument :

MSVOA_Y

ClientSampleId :

TP-Q

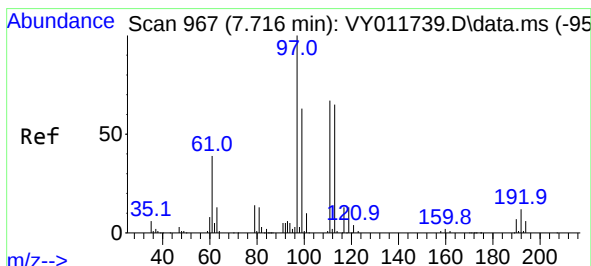
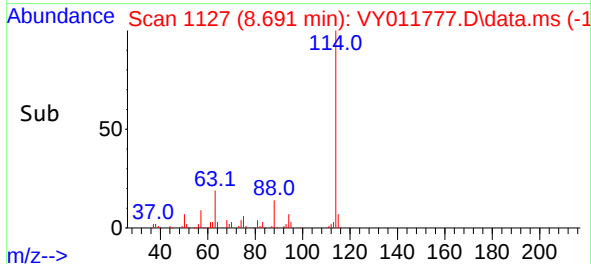
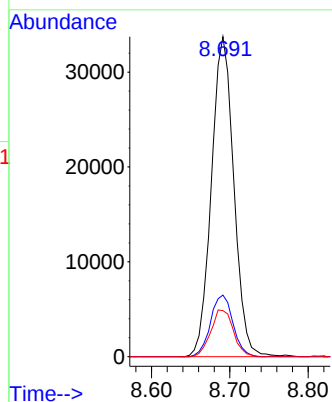
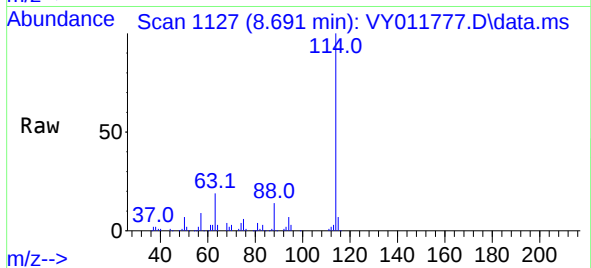
Tgt Ion:114 Resp: 67040

Ion Ratio Lower Upper

114 100

63 19.2 0.0 39.6

88 14.4 0.0 32.2



#35

Dibromofluoromethane

Concen: 60.744 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY011777.D

Acq: 12 Dec 2022 17:27

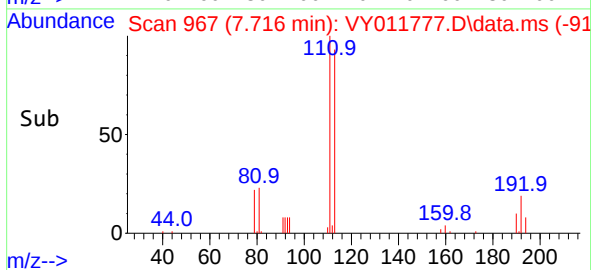
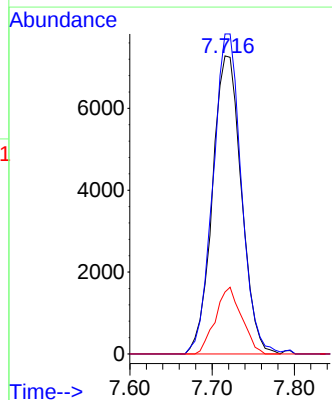
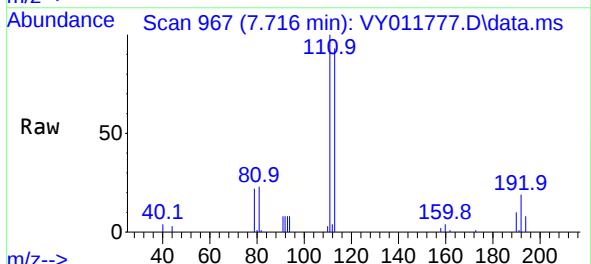
Tgt Ion:113 Resp: 17844

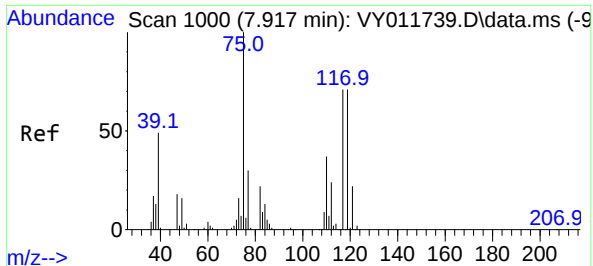
Ion Ratio Lower Upper

113 100

111 105.1 83.0 124.4

192 20.2 16.0 24.0





#36

1,1-Dichloropropene

Concen: 6.229 ug/l

RT: 7.789 min Scan# 91

Delta R.T. -0.128 min

Lab File: VY011777.D

Acq: 12 Dec 2022 17:27

Instrument :

MSVOA_Y

ClientSampleId :

TP-Q

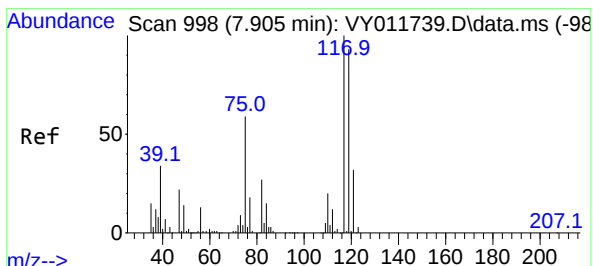
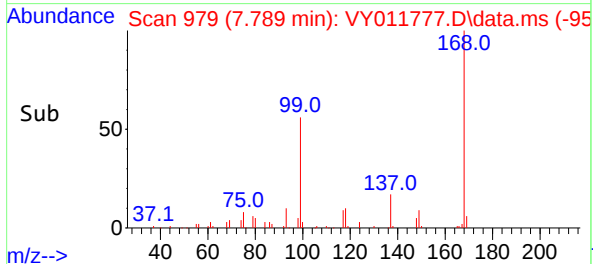
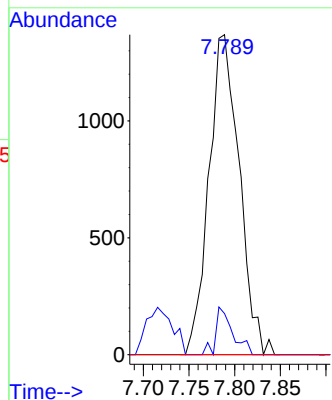
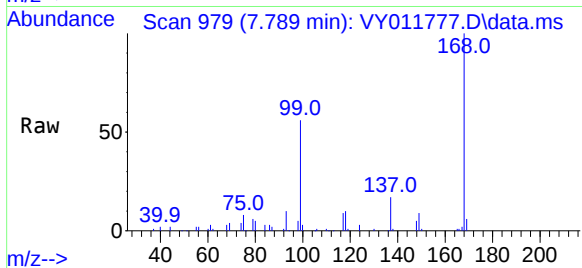
Tgt Ion: 75 Resp: 3169

Ion Ratio Lower Upper

75 100

110 8.3 18.1 54.1#

77 0.0 25.1 37.7#



#38

Carbon Tetrachloride

Concen: 6.782 ug/l

RT: 7.789 min Scan# 979

Delta R.T. -0.116 min

Lab File: VY011777.D

Acq: 12 Dec 2022 17:27

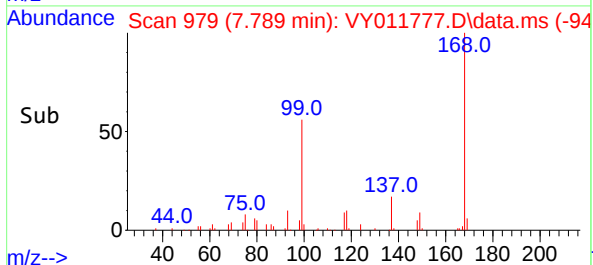
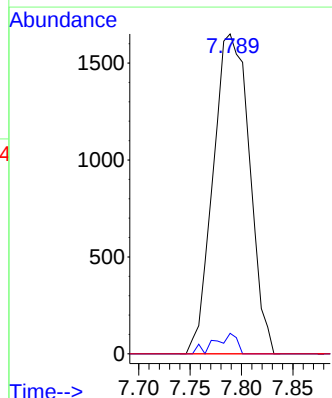
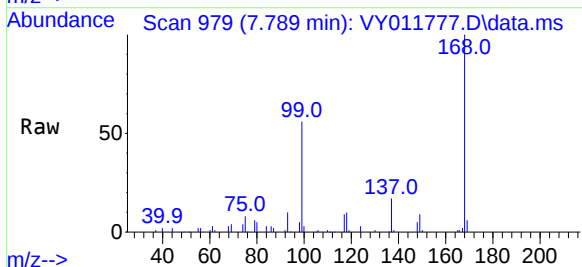
Tgt Ion: 117 Resp: 4053

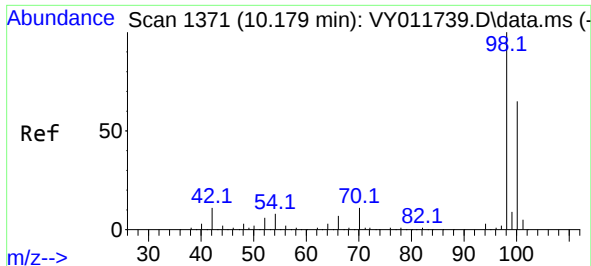
Ion Ratio Lower Upper

117 100

119 6.4 73.8 110.8#

121 0.0 25.2 37.8#

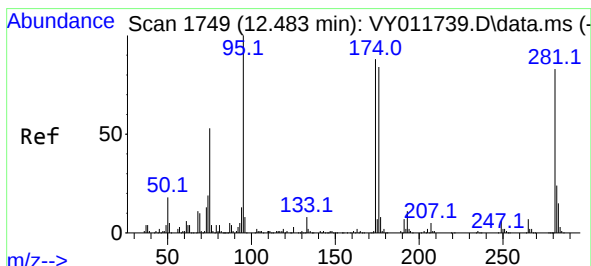
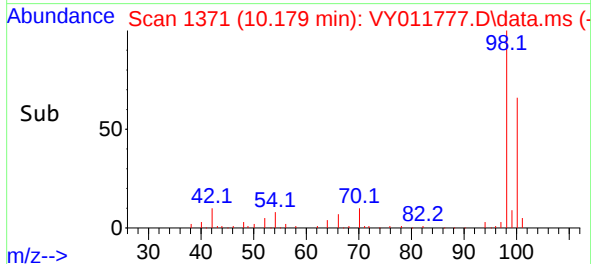
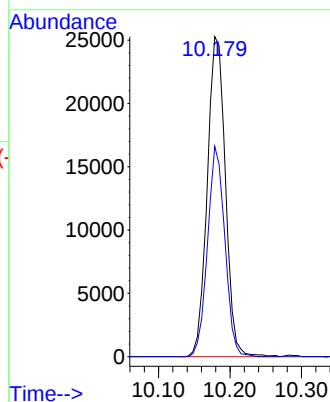
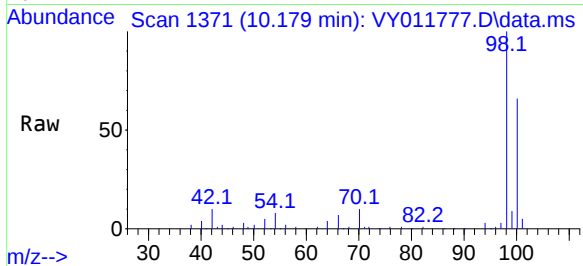




#50
Toluene-d8
Concen: 44.998 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY011777.D
Acq: 12 Dec 2022 17:27

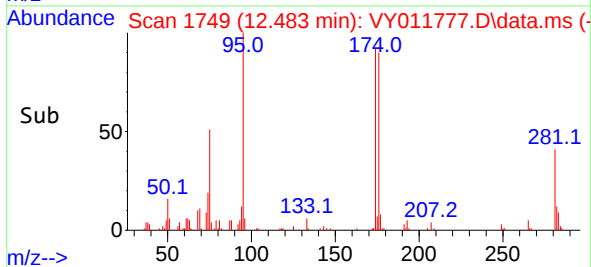
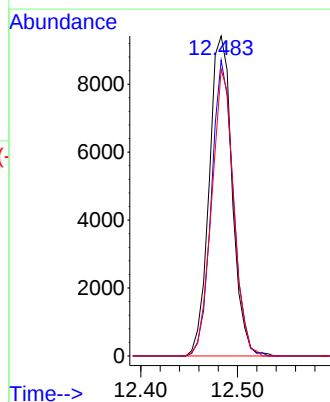
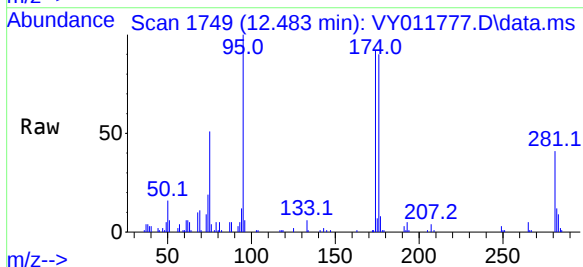
Instrument :
MSVOA_Y
ClientSampleId :
TP-Q

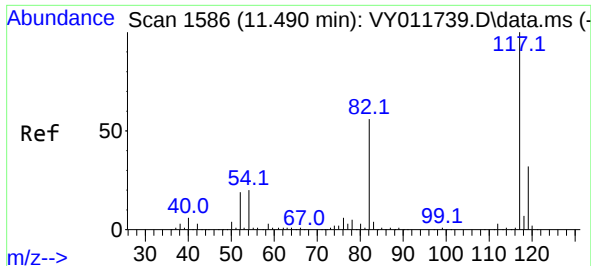
Tgt Ion: 98 Resp: 44591
Ion Ratio Lower Upper
98 100
100 62.6 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 39.011 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY011777.D
Acq: 12 Dec 2022 17:27

Tgt Ion: 95 Resp: 15553
Ion Ratio Lower Upper
95 100
174 87.4 0.0 172.0
176 85.6 0.0 167.6

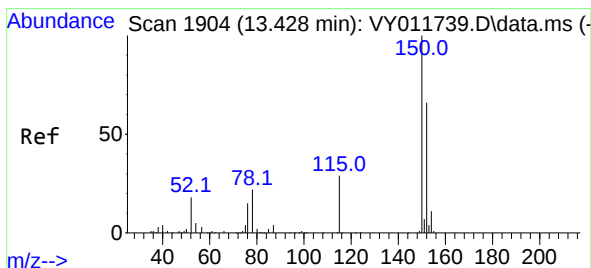
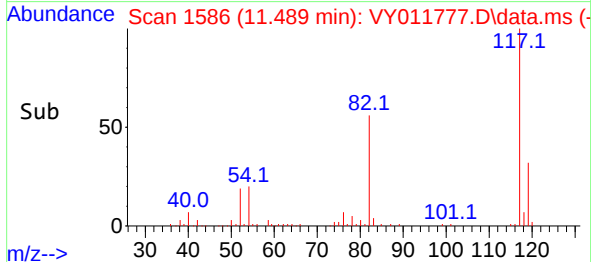
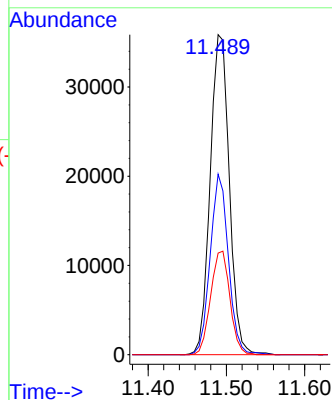
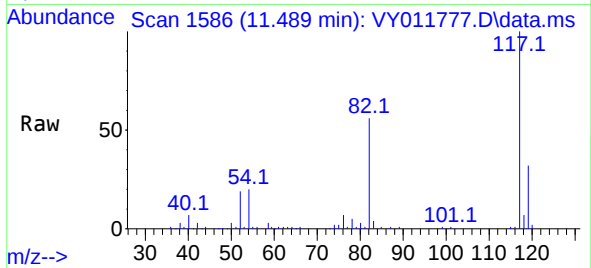




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. -0.000 min
Lab File: VY011777.D
Acq: 12 Dec 2022 17:27

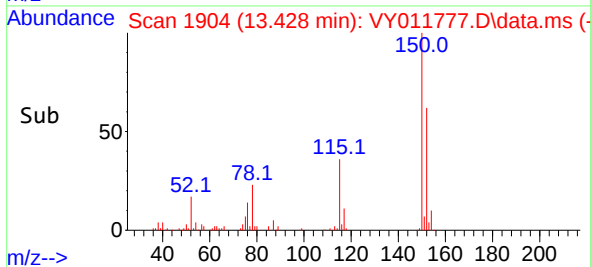
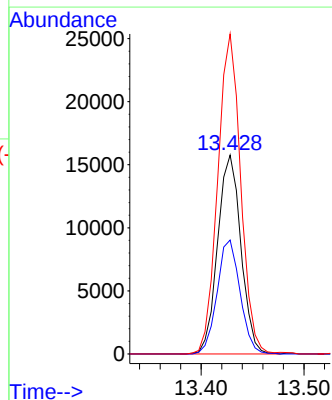
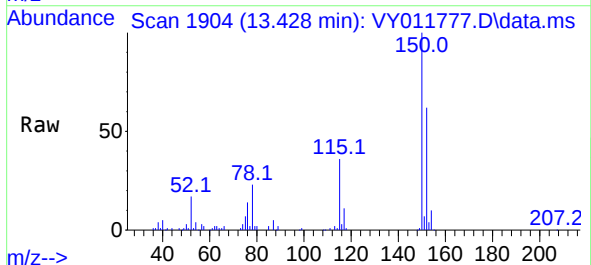
Instrument :
MSVOA_Y
ClientSampleId :
TP-Q

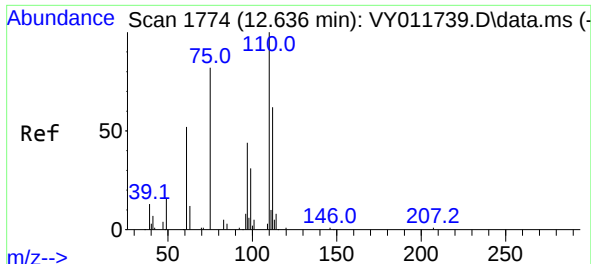
Tgt Ion:117 Resp: 60775
Ion Ratio Lower Upper
117 100
82 56.4 44.8 67.2
119 31.7 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY011777.D
Acq: 12 Dec 2022 17:27

Tgt Ion:152 Resp: 24778
Ion Ratio Lower Upper
152 100
115 56.5 29.1 87.3
150 158.7 0.0 342.6

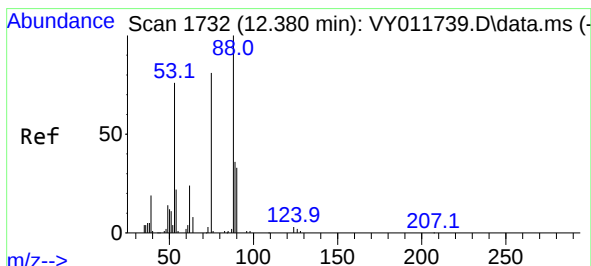
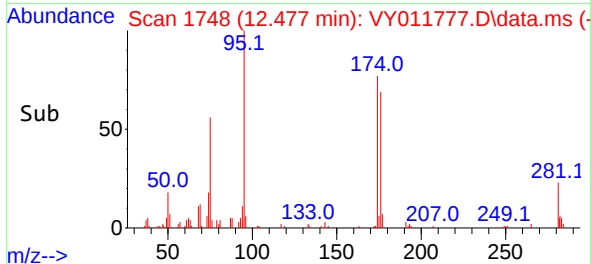
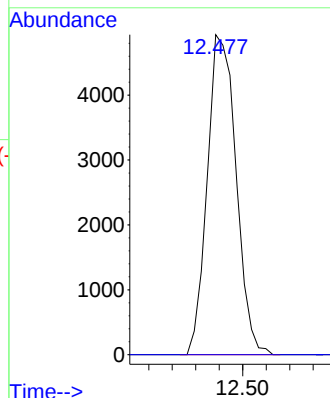
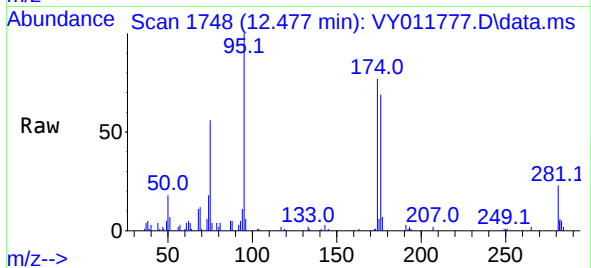




#76
1,2,3-Trichloropropane
Concen: 33.472 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.159 min
Lab File: VY011777.D
Acq: 12 Dec 2022 17:27

Instrument :
MSVOA_Y
ClientSampleId :
TP-Q

Tgt Ion: 75 Resp: 8391
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0



#81
trans-1,4-Dichloro-2-butene
Concen: 75.954 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.097 min
Lab File: VY011777.D
Acq: 12 Dec 2022 17:27

Tgt Ion: 75 Resp: 8391
Ion Ratio Lower Upper
75 100
53 0.0 72.5 108.7#
89 0.3 37.0 55.4#

