

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121222\
 Data File : VY011772.D
 Acq On : 12 Dec 2022 15:34
 Operator : KP/MD
 Sample : N5988-02
 Misc : 5.04g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 72-11938

Quant Time: Dec 13 00:20:08 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)

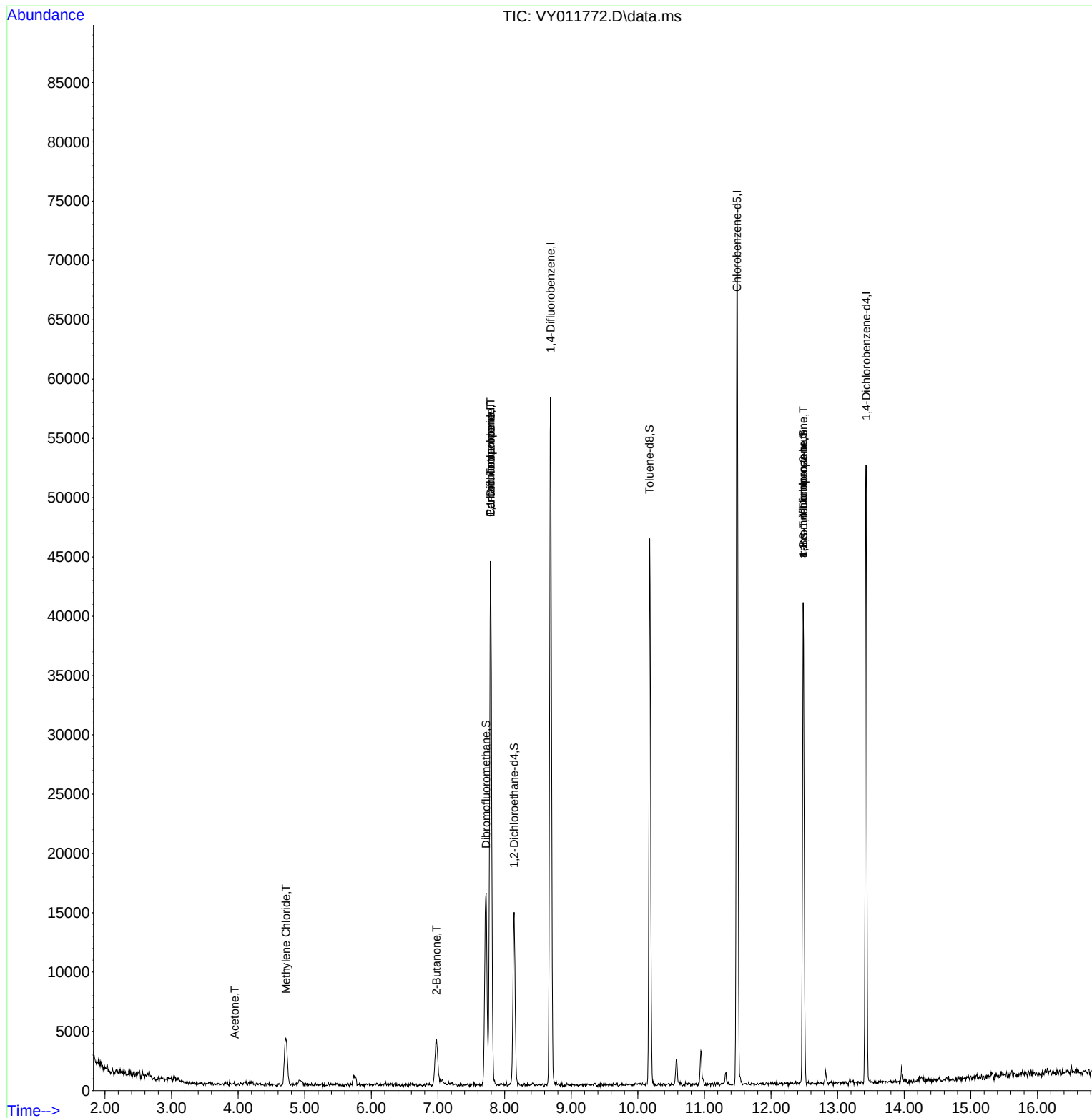
Internal Standards						
1) Pentafluorobenzene	7.789	168	34087	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	50955	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	41973	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	14747	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	12152	52.481	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 104.960%			
35) Dibromofluoromethane	7.722	113	12052	53.508	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 107.020%			
50) Toluene-d8	10.179	98	31712	41.611	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 83.220%			
62) 4-Bromofluorobenzene	12.483	95	10048	32.405	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 64.800%			
Target Compounds						
					Qvalue	
3) Chloromethane	2.113	50	90	Below Cal	#	41
5) Bromomethane	2.668	94	165	Below Cal	#	54
11) Tert butyl alcohol	4.911	59	396	Below Cal	#	74
16) Acetone	3.948	43	109	1.171	ug/l #	40
20) Methylene Chloride	4.716	84	3271	4.530	ug/l	88
25) 2-Butanone	6.978	43	155	1.295	ug/l #	46
31) Cyclohexane	7.783	56	654	Below Cal	#	1
36) 1,1-Dichloropropene	7.789	75	2547	6.587	ug/l #	48
38) Carbon Tetrachloride	7.789	117	3338	7.349	ug/l #	19
76) 1,2,3-Trichloropropane	12.483	75	4955	33.210	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	4955	75.361	ug/l #	13

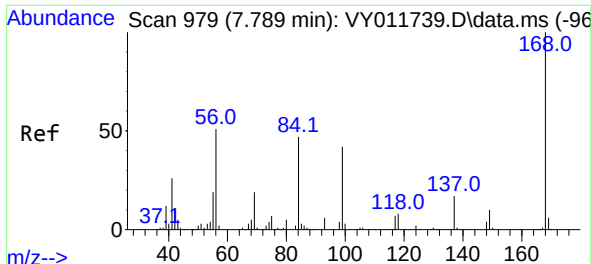
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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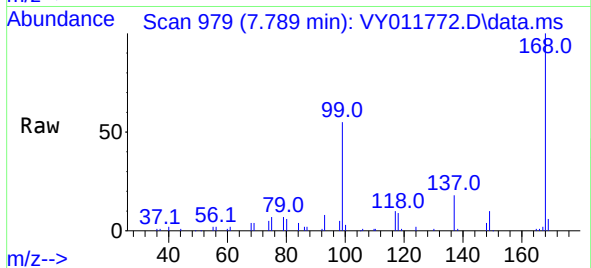
Quant Time: Dec 13 00:20:08 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y120922S.M
Quant Title : SW846 8260
QLast Update : Sat Dec 10 04:19:59 2022
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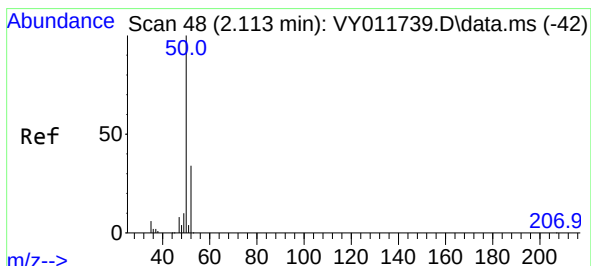
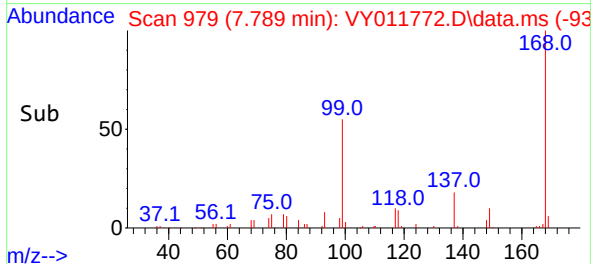
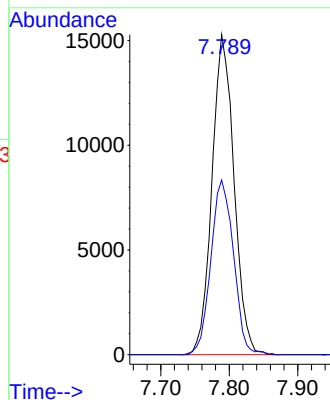


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011772.D
Acq: 12 Dec 2022 15:34

Instrument :
MSVOA_Y
ClientSampleId :
72-11938

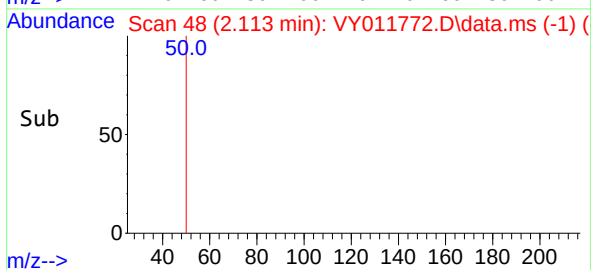
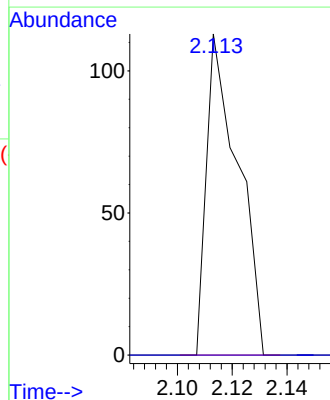
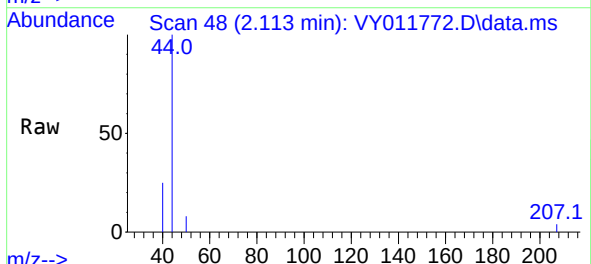


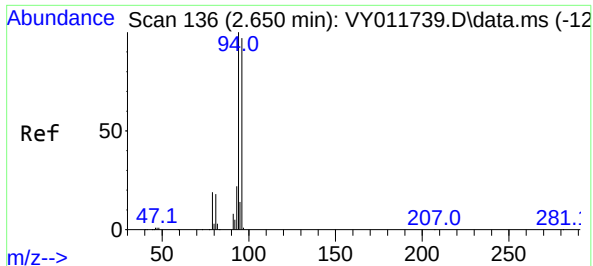
Tgt Ion:168 Resp: 34087
Ion Ratio Lower Upper
168 100
99 54.6 44.0 66.0



#3
Chloromethane
Concen: Below Cal
RT: 2.113 min Scan# 48
Delta R.T. 0.000 min
Lab File: VY011772.D
Acq: 12 Dec 2022 15:34

Tgt Ion: 50 Resp: 90
Ion Ratio Lower Upper
50 100
52 0.0 26.8 40.2#

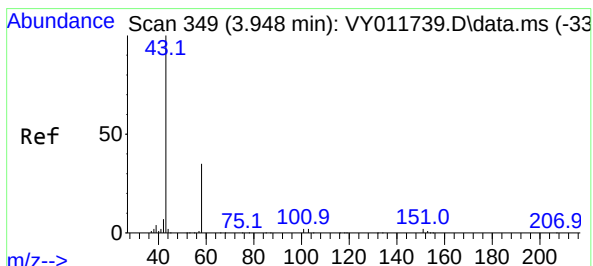
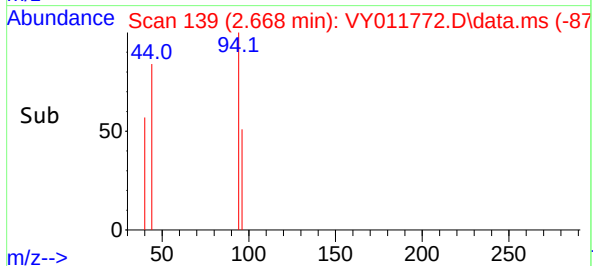
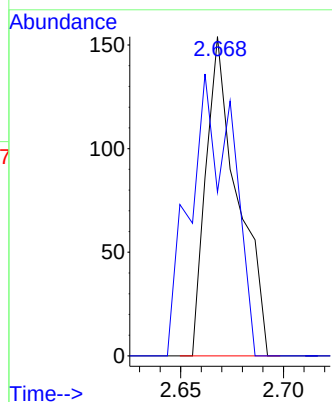
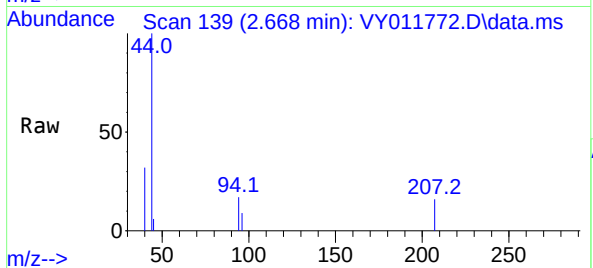




#5
Bromomethane
Concen: Below Cal
RT: 2.668 min Scan# 11
Delta R.T. 0.018 min
Lab File: VY011772.D
Acq: 12 Dec 2022 15:34

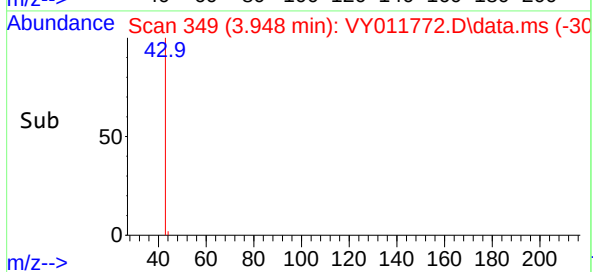
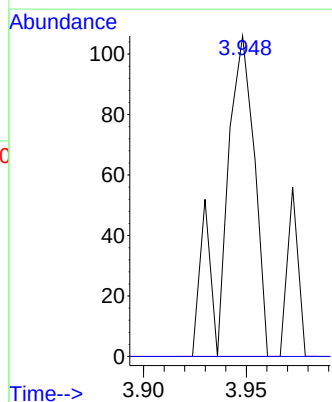
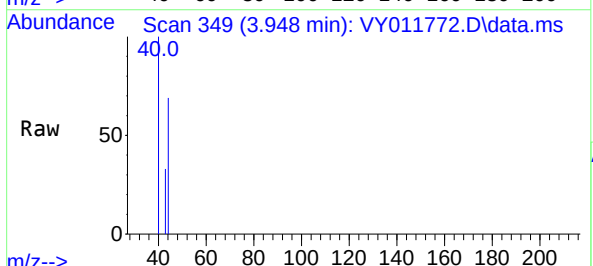
Instrument :
MSVOA_Y
ClientSampleId :
72-11938

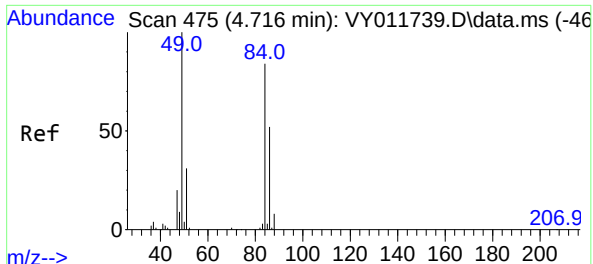
Tgt Ion: 94 Resp: 165
Ion Ratio Lower Upper
94 100
96 51.3 77.4 116.2#



#16
Acetone
Concen: 1.171 ug/l
RT: 3.948 min Scan# 349
Delta R.T. -0.000 min
Lab File: VY011772.D
Acq: 12 Dec 2022 15:34

Tgt Ion: 43 Resp: 109
Ion Ratio Lower Upper
43 100
58 0.0 27.9 41.9#



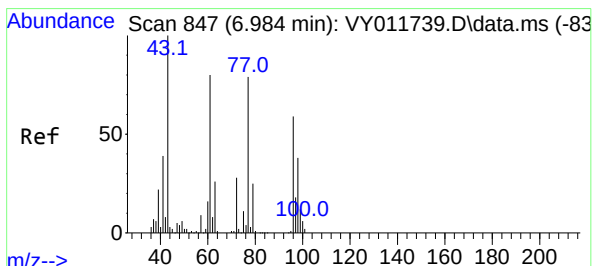
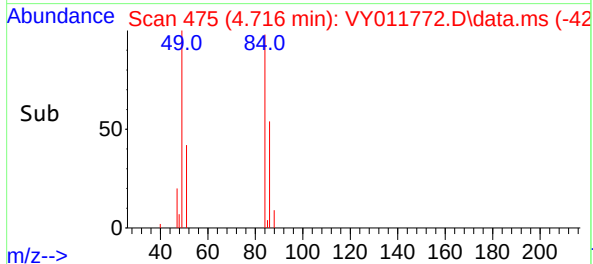
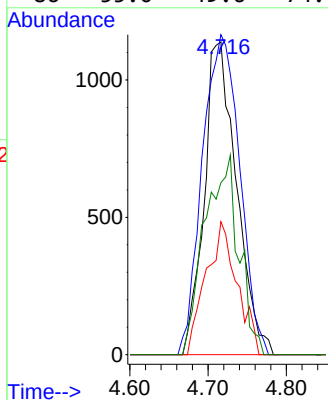
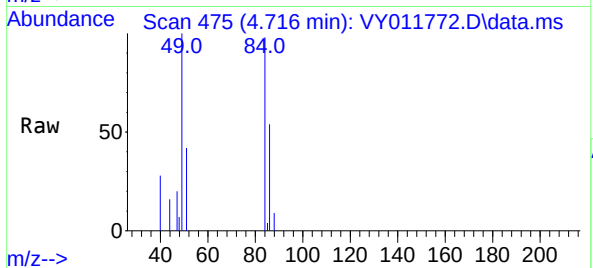


#20
Methylene Chloride
Concen: 4.530 ug/l
RT: 4.716 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY011772.D
Acq: 12 Dec 2022 15:34

Instrument :
MSVOA_Y
ClientSampleId :
72-11938

Tgt Ion: 84 Resp: 3271

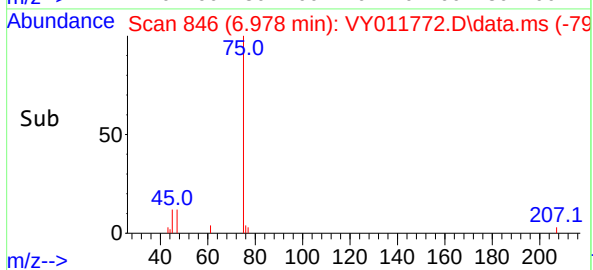
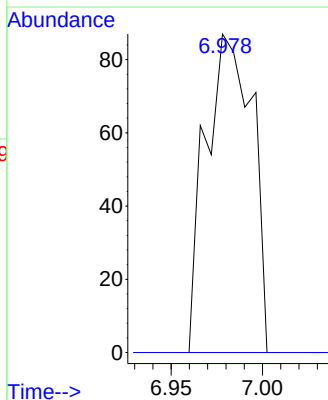
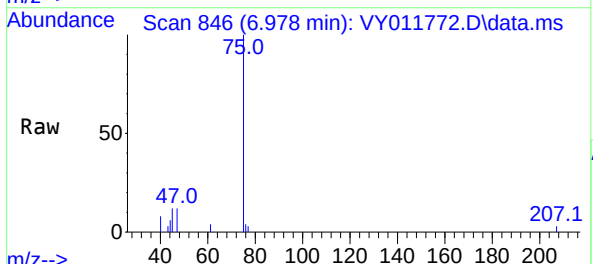
Ion	Ratio	Lower	Upper
84	100		
49	102.3	95.4	143.2
51	42.5	29.9	44.9
86	55.0	49.6	74.4

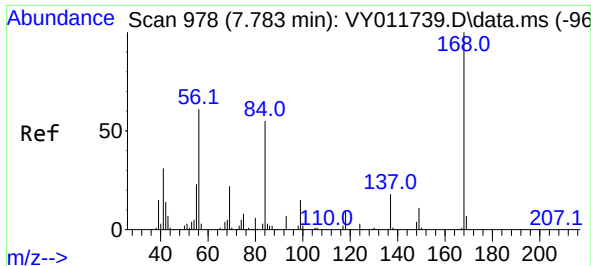


#25
2-Butanone
Concen: 1.295 ug/l
RT: 6.978 min Scan# 846
Delta R.T. -0.006 min
Lab File: VY011772.D
Acq: 12 Dec 2022 15:34

Tgt Ion: 43 Resp: 155

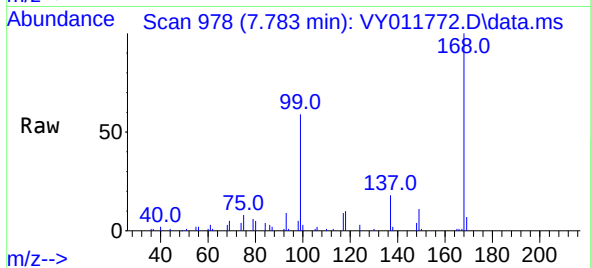
Ion	Ratio	Lower	Upper
43	100		
72	0.0	22.6	34.0#



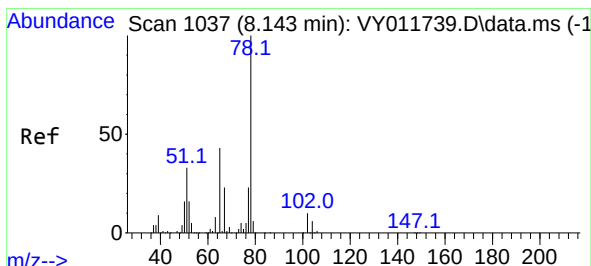
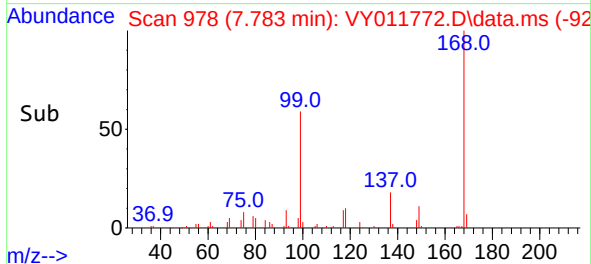
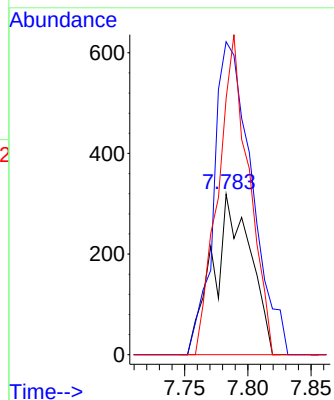


#31
Cyclohexane
Concen: Below Cal
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011772.D
Acq: 12 Dec 2022 15:34

Instrument :
MSVOA_Y
ClientSampleId :
72-11938

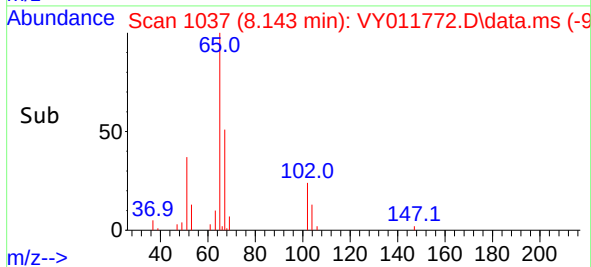
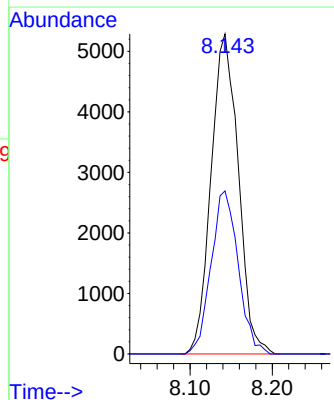
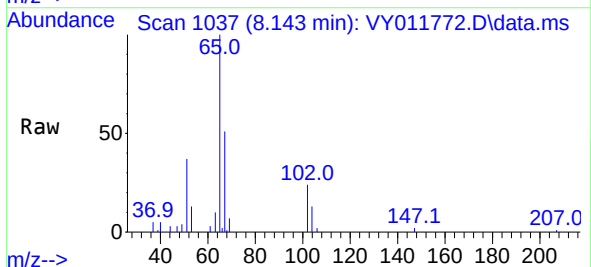


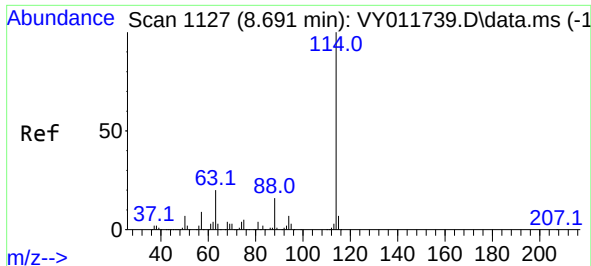
Tgt Ion: 56 Resp: 654
Ion Ratio Lower Upper
56 100
69 195.0 29.2 43.8#
84 159.6 72.6 108.8#



#33
1,2-Dichloroethane-d4
Concen: 52.481 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VY011772.D
Acq: 12 Dec 2022 15:34

Tgt Ion: 65 Resp: 12152
Ion Ratio Lower Upper
65 100
67 50.8 0.0 103.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY011772.D

Acq: 12 Dec 2022 15:34

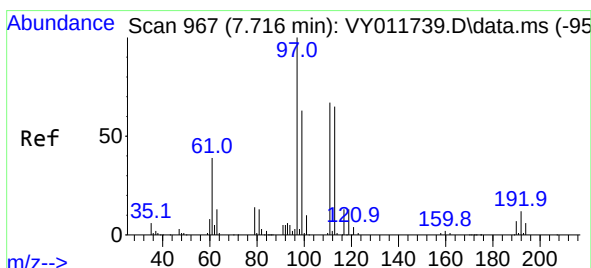
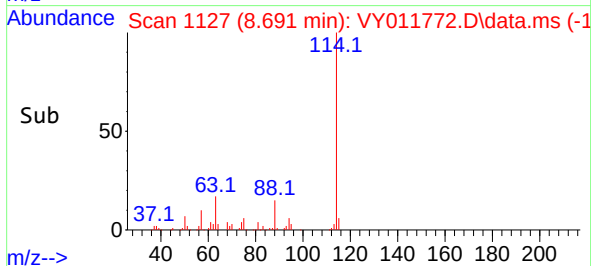
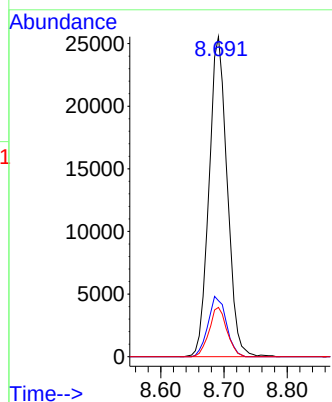
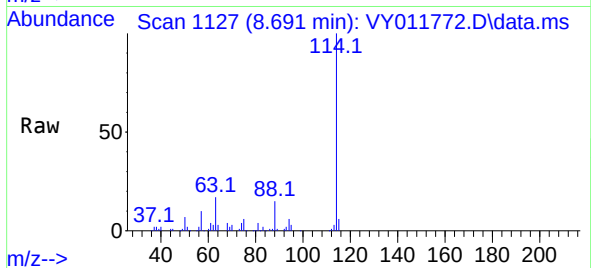
Instrument :

MSVOA_Y

ClientSampleId :

72-11938

Tgt Ion:	114	Resp:	50955
Ion	Ratio	Lower	Upper
114	100		
63	17.5	0.0	39.6
88	15.4	0.0	32.2



#35

Dibromofluoromethane

Concen: 53.508 ug/l

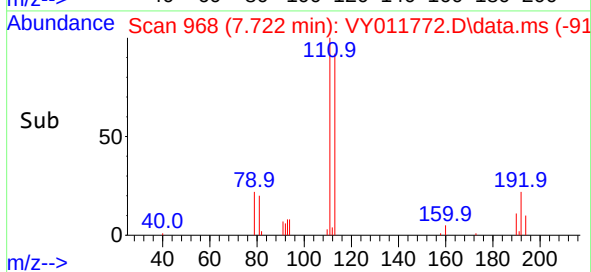
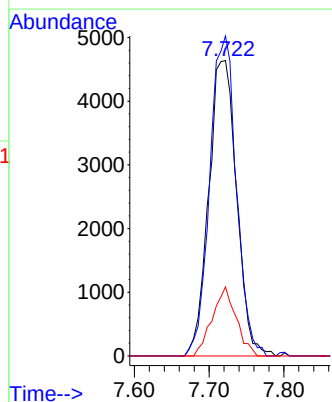
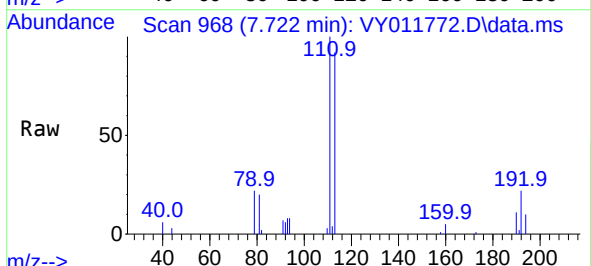
RT: 7.722 min Scan# 968

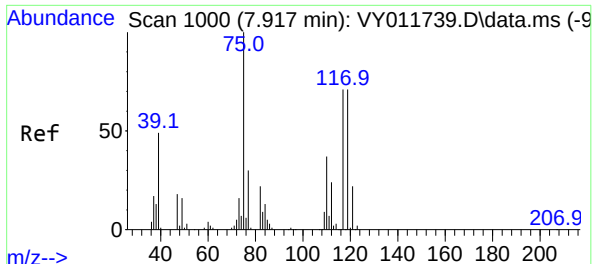
Delta R.T. 0.006 min

Lab File: VY011772.D

Acq: 12 Dec 2022 15:34

Tgt Ion:	113	Resp:	12052
Ion	Ratio	Lower	Upper
113	100		
111	102.9	83.0	124.4
192	20.1	16.0	24.0





#36

1,1-Dichloropropene

Concen: 6.587 ug/l

RT: 7.789 min Scan# 91

Delta R.T. -0.128 min

Lab File: VY011772.D

Acq: 12 Dec 2022 15:34

Instrument :

MSVOA_Y

ClientSampleId :

72-11938

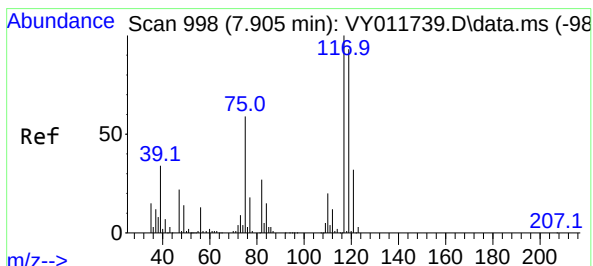
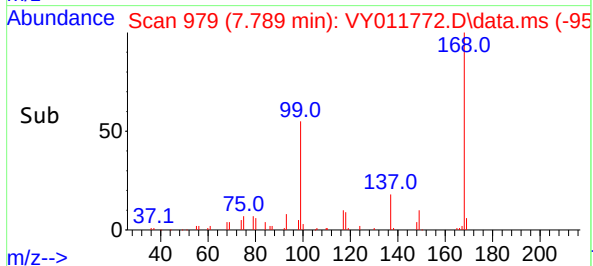
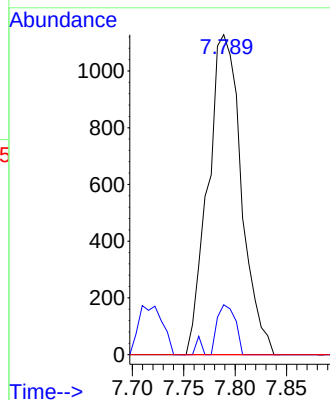
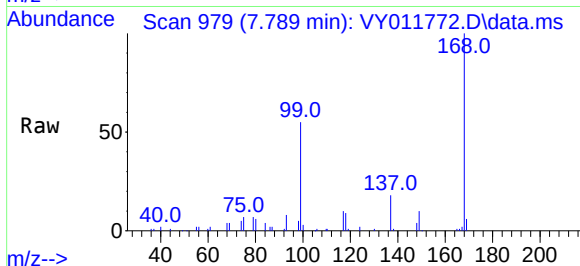
Tgt Ion: 75 Resp: 2547

Ion Ratio Lower Upper

75 100

110 8.4 18.1 54.1#

77 0.0 25.1 37.7#



#38

Carbon Tetrachloride

Concen: 7.349 ug/l

RT: 7.789 min Scan# 979

Delta R.T. -0.116 min

Lab File: VY011772.D

Acq: 12 Dec 2022 15:34

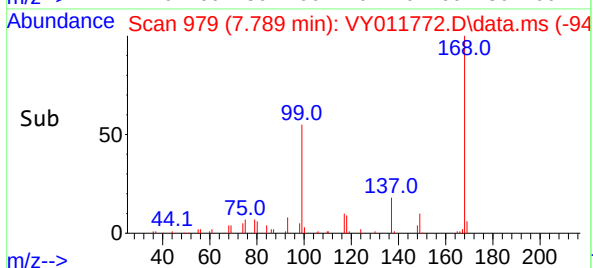
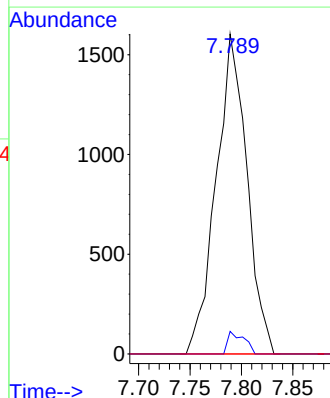
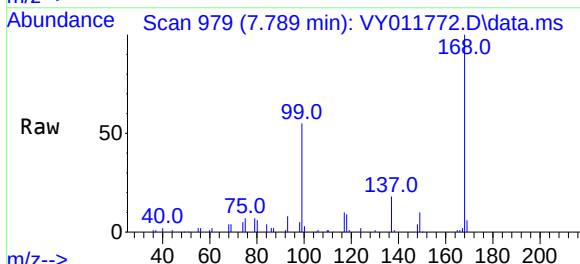
Tgt Ion: 117 Resp: 3338

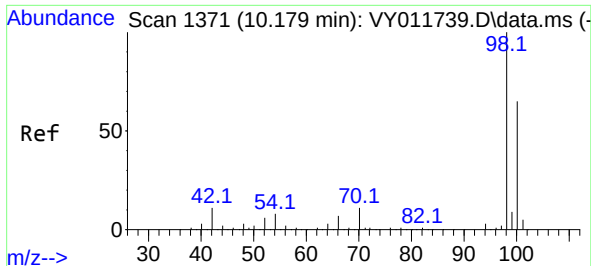
Ion Ratio Lower Upper

117 100

119 7.0 73.8 110.8#

121 0.0 25.2 37.8#

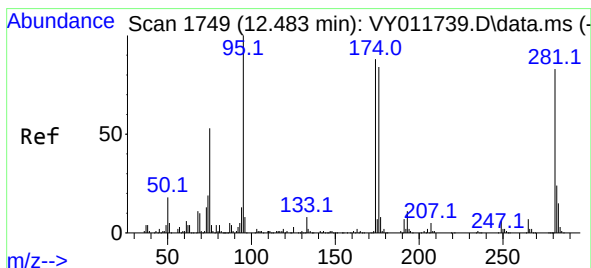
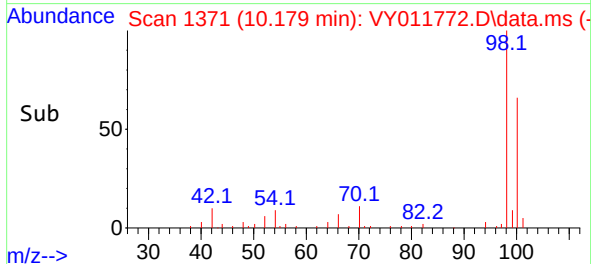
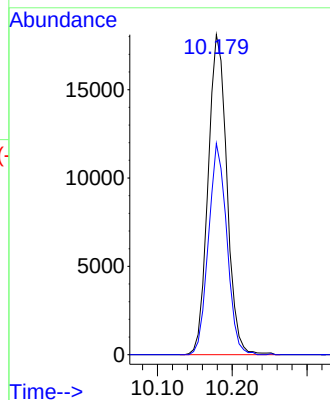
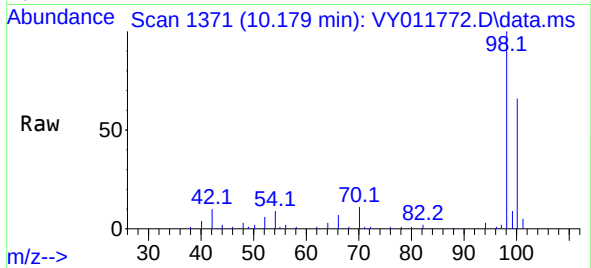




#50
Toluene-d8
Concen: 41.611 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY011772.D
Acq: 12 Dec 2022 15:34

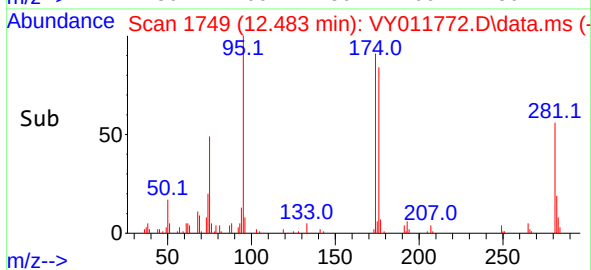
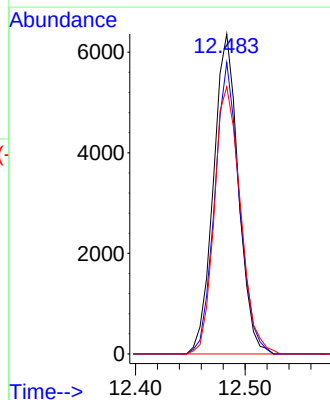
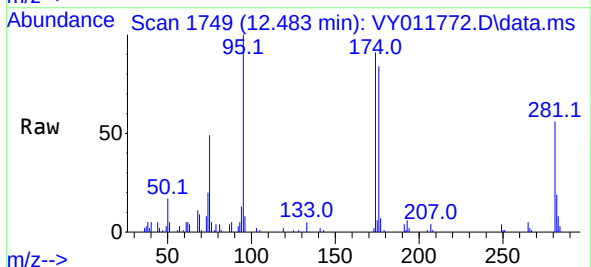
Instrument :
MSVOA_Y
ClientSampleId :
72-11938

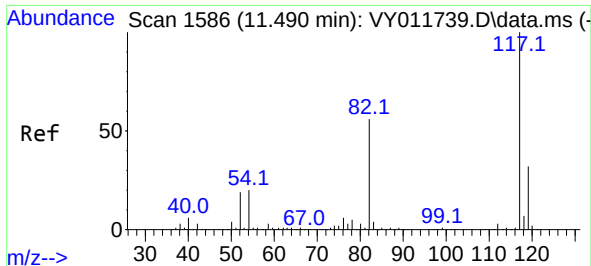
Tgt Ion: 98 Resp: 31712
Ion Ratio Lower Upper
98 100
100 64.3 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 32.405 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY011772.D
Acq: 12 Dec 2022 15:34

Tgt Ion: 95 Resp: 10048
Ion Ratio Lower Upper
95 100
174 89.7 0.0 172.0
176 87.5 0.0 167.6

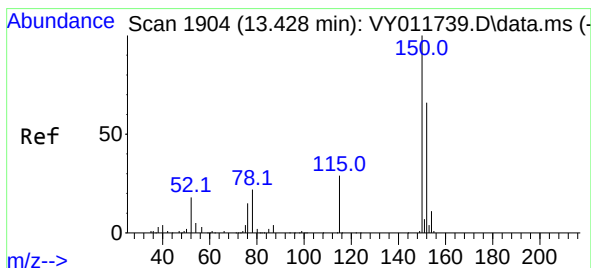
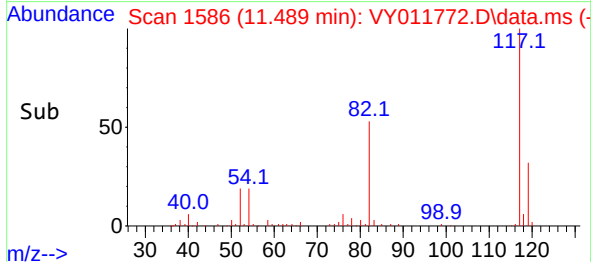
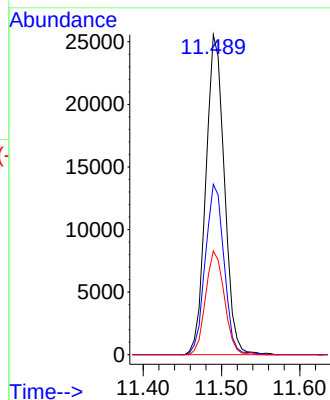
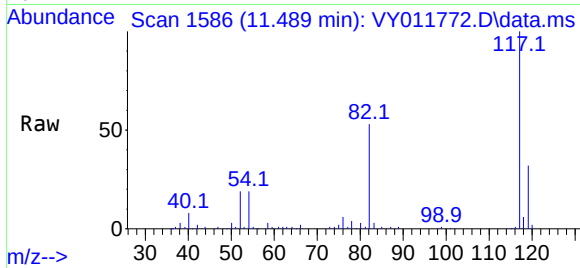




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. -0.000 min
Lab File: VY011772.D
Acq: 12 Dec 2022 15:34

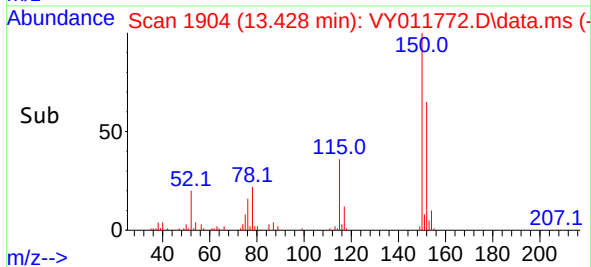
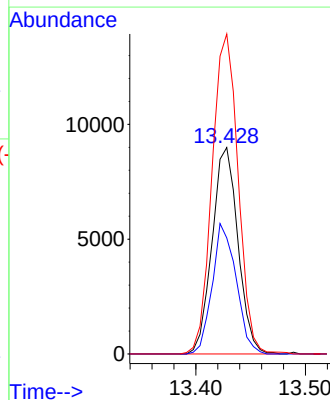
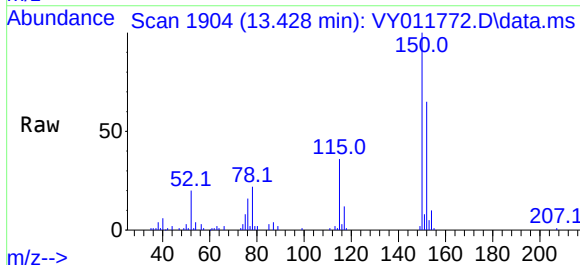
Instrument :
MSVOA_Y
ClientSampleId :
72-11938

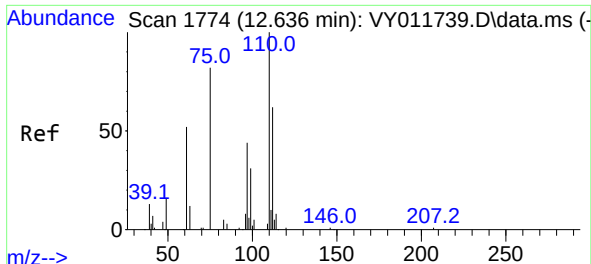
Tgt Ion:117	Resp:	41973
Ion	Ratio	Lower Upper
117	100	
82	53.2	44.8 67.2
119	32.4	25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY011772.D
Acq: 12 Dec 2022 15:34

Tgt Ion:152	Resp:	14747
Ion	Ratio	Lower Upper
152	100	
115	58.3	29.1 87.3
150	156.1	0.0 342.6

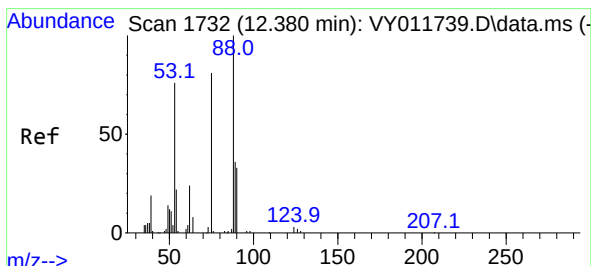
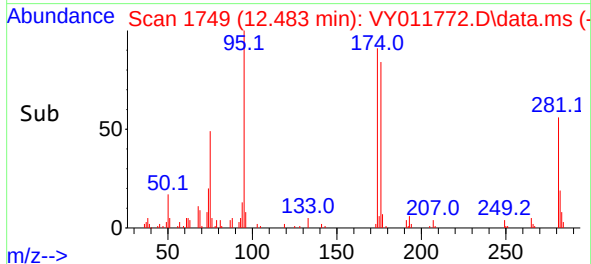
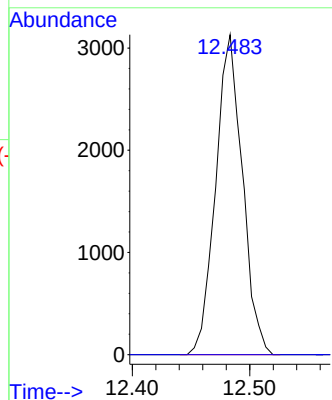
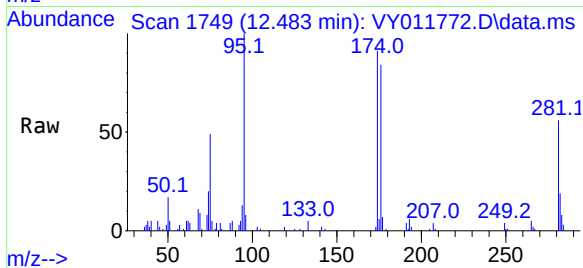




#76
1,2,3-Trichloropropane
Concen: 33.210 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY011772.D
Acq: 12 Dec 2022 15:34

Instrument :
MSVOA_Y
ClientSampleId :
72-11938

Tgt Ion: 75 Resp: 4955
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0



#81
trans-1,4-Dichloro-2-butene
Concen: 75.361 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY011772.D
Acq: 12 Dec 2022 15:34

Tgt Ion: 75 Resp: 4955
Ion Ratio Lower Upper
75 100
53 0.0 72.5 108.7#
89 0.0 37.0 55.4#

