

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102521\
 Data File : VY006459.D
 Acq On : 25 Oct 2021 12:18
 Operator : SY/MD
 Sample : M4315-01
 Misc : 4.53G/5ML/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 26 02:42:37 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y102221S.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 23 06:59:04 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	103454	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	174929	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	160167	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	68431	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	72104	56.638	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	113.280%
35) Dibromofluoromethane	7.722	113	52170	53.507	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	107.020%
50) Toluene-d8	10.185	98	222459	53.823	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	107.640%
62) 4-Bromofluorobenzene	12.483	95	65925	47.350	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	94.700%

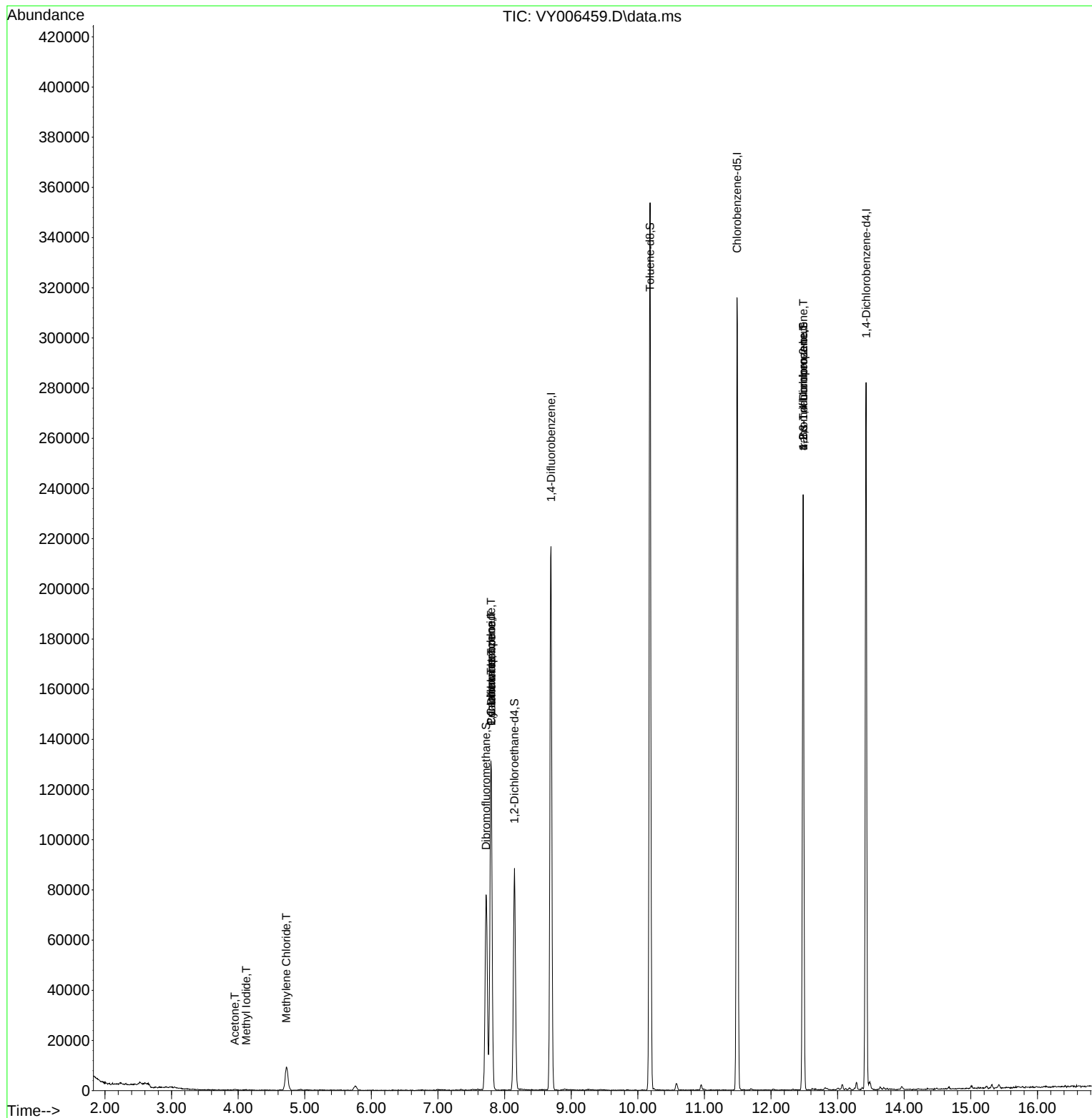
Target Compounds					Qvalue	
10) Methyl Iodide	4.119	142	196	5.233	ug/l #	36
16) Acetone	3.948	43	682	1.860	ug/l #	46
20) Methylene Chloride	4.722	84	6422	1.757	ug/l	90
31) Cyclohexane	7.801	56	2422	1.175	ug/l #	30
36) 1,1-Dichloropropene	7.801	75	8093	4.682	ug/l #	52
38) Carbon Tetrachloride	7.795	117	10235	5.368	ug/l #	17
76) 1,2,3-Trichloropropane	12.483	75	39212	55.607	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	39212	114.159	ug/l #	7

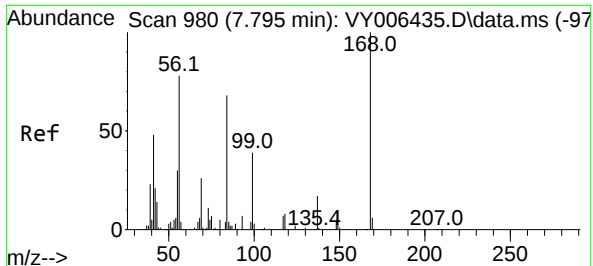
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y102221S.M
Quant Title : SW846 8260
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Response via : Initial Calibration

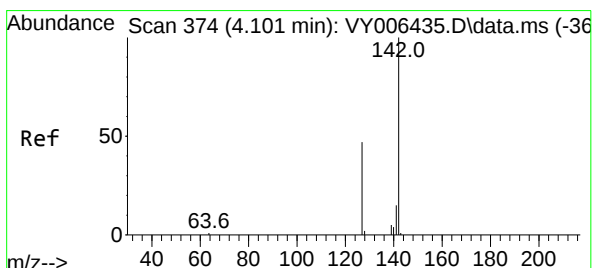
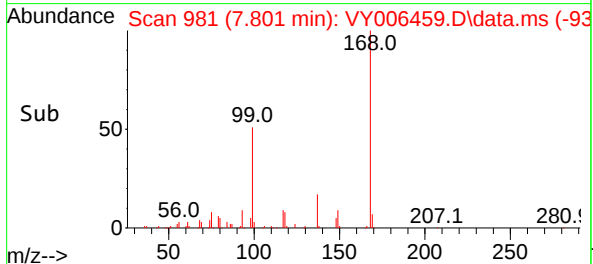
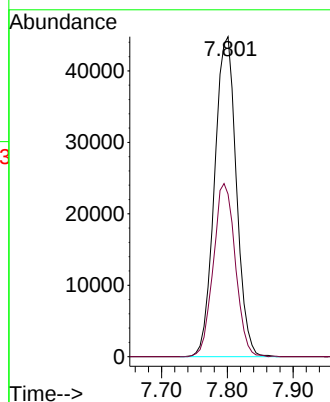
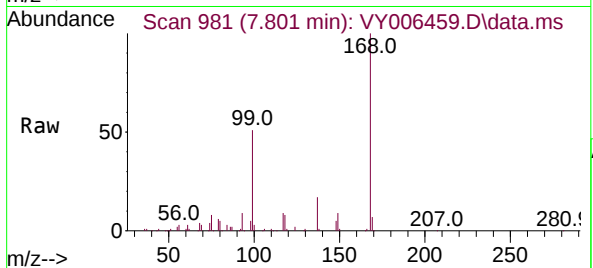




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY006459.D
Acq: 25 Oct 2021 12:18

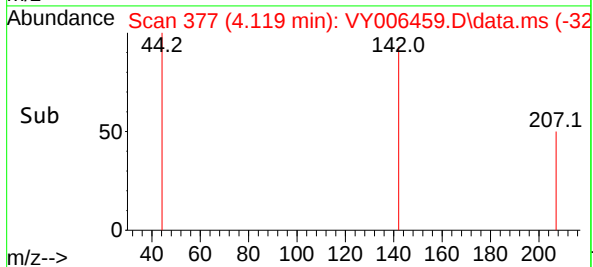
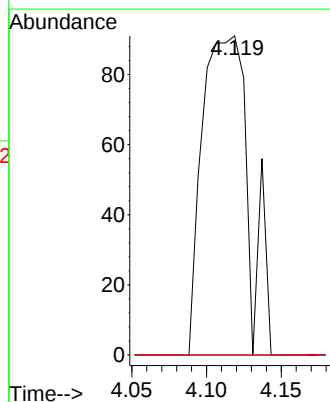
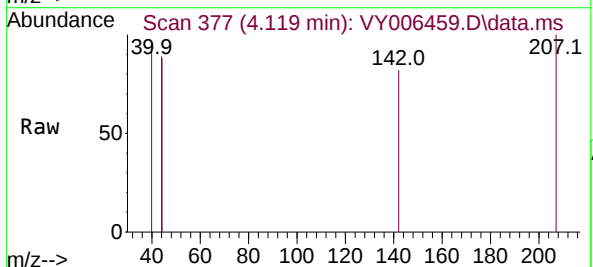
Instrument :
MSVOA_Y
ClientSampleId :

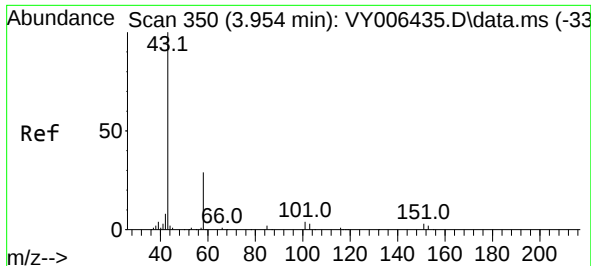
Tgt Ion:168 Resp: 103454
Ion Ratio Lower Upper
168 100
99 50.8 44.8 67.2



#10
Methyl Iodide
Concen: 5.233 ug/l
RT: 4.119 min Scan# 377
Delta R.T. 0.018 min
Lab File: VY006459.D
Acq: 25 Oct 2021 12:18

Tgt Ion:142 Resp: 196
Ion Ratio Lower Upper
142 100
127 0.0 40.1 60.1#
141 0.0 12.5 18.7#

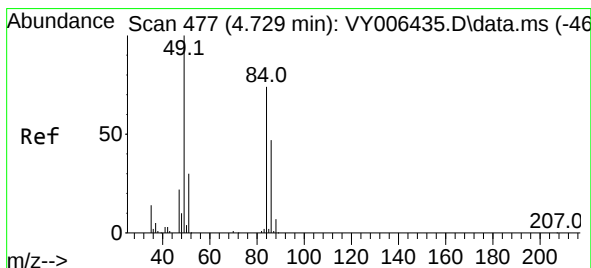
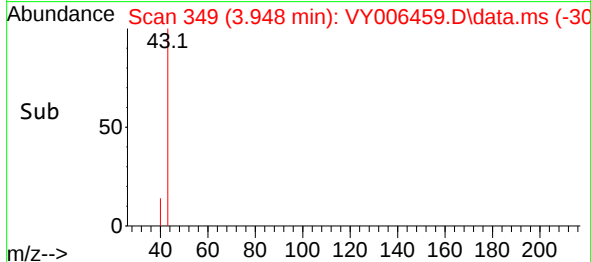
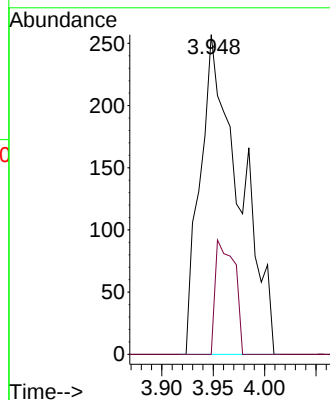
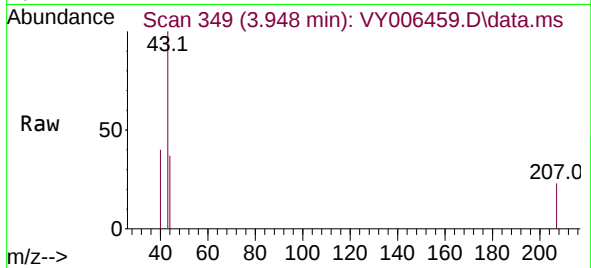




#16
Acetone
Concen: 1.860 ug/l
RT: 3.948 min Scan# 349
Delta R.T. -0.006 min
Lab File: VY006459.D
Acq: 25 Oct 2021 12:18

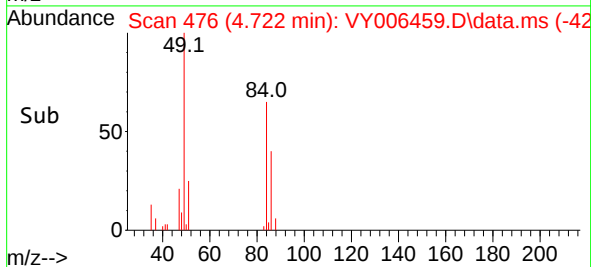
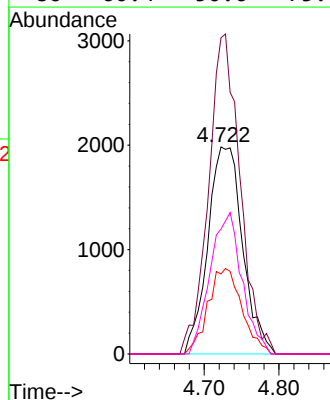
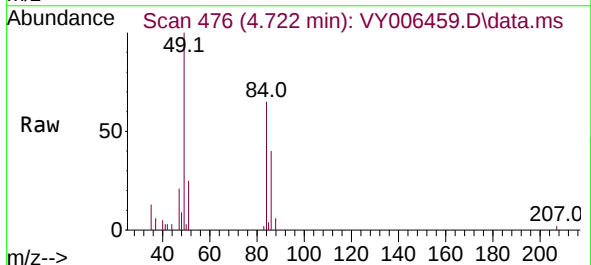
Instrument :
MSVOA_Y
ClientSampleId :

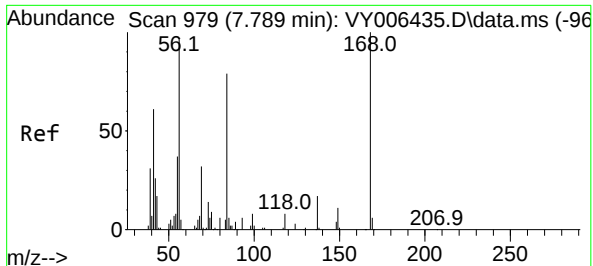
Tgt Ion: 43 Resp: 682
Ion Ratio Lower Upper
43 100
58 0.0 22.9 34.3#



#20
Methylene Chloride
Concen: 1.757 ug/l
RT: 4.722 min Scan# 476
Delta R.T. -0.007 min
Lab File: VY006459.D
Acq: 25 Oct 2021 12:18

Tgt Ion: 84 Resp: 6422
Ion Ratio Lower Upper
84 100
49 152.7 107.8 161.8
51 38.6 32.8 49.2
86 60.4 50.6 75.8

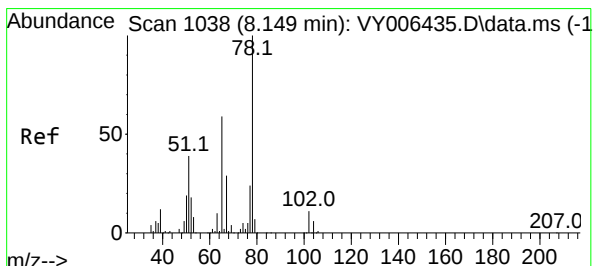
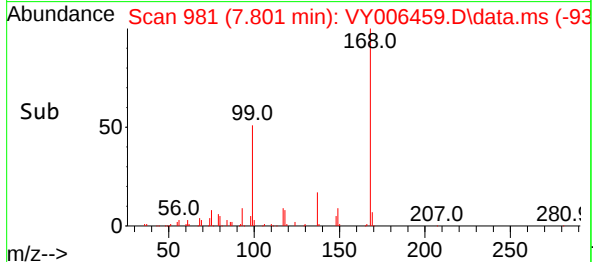
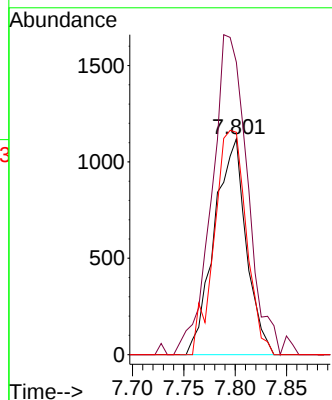
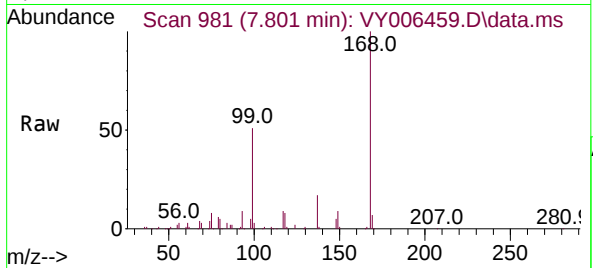




#31
Cyclohexane
Concen: 1.175 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.012 min
Lab File: VY006459.D
Acq: 25 Oct 2021 12:18

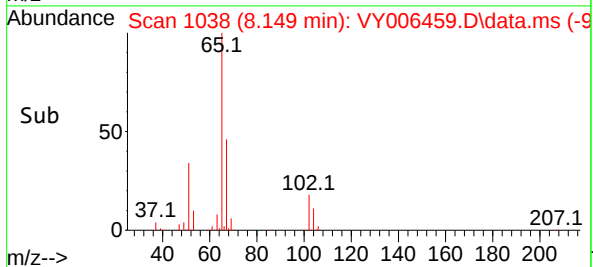
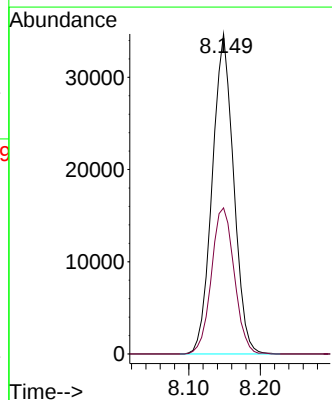
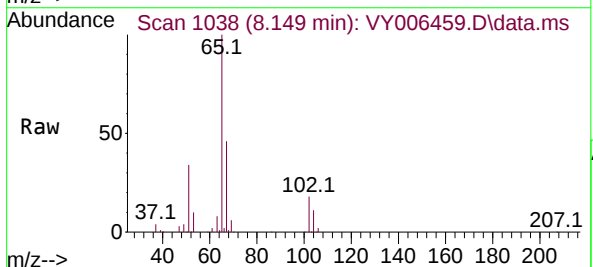
Instrument :
MSVOA_Y
ClientSampleId :

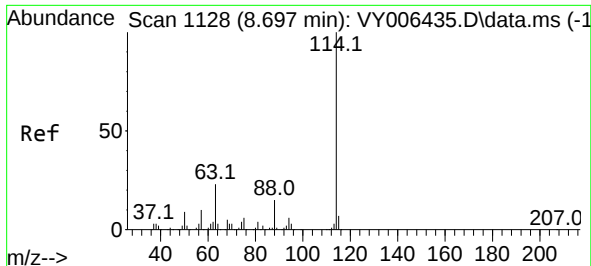
Tgt Ion: 56 Resp: 2422
Ion Ratio Lower Upper
56 100
69 135.4 26.6 40.0#
84 103.0 65.0 97.4#



#33
1,2-Dichloroethane-d4
Concen: 56.638 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY006459.D
Acq: 25 Oct 2021 12:18

Tgt Ion: 65 Resp: 72104
Ion Ratio Lower Upper
65 100
67 48.7 0.0 98.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

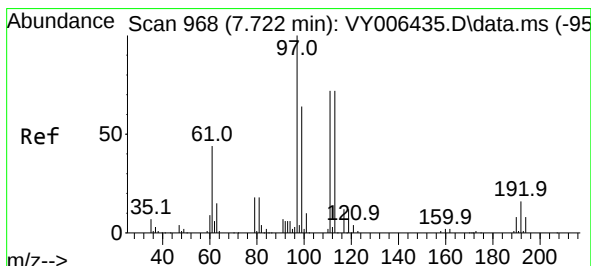
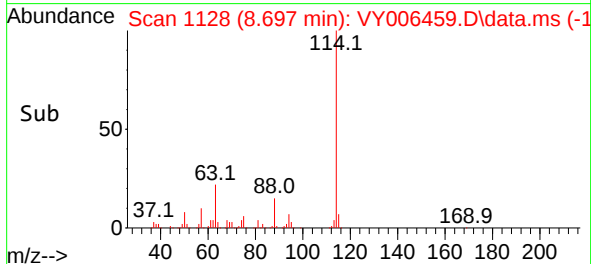
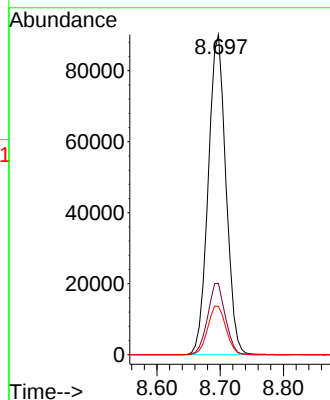
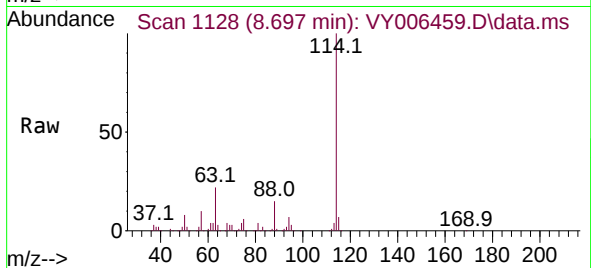
Delta R.T. -0.000 min

Lab File: VY006459.D

Acq: 25 Oct 2021 12:18

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:	114	Resp:	174929
Ion	Ratio	Lower	Upper
114	100		
63	22.3	0.0	45.0
88	15.1	0.0	30.6



#35

Dibromofluoromethane

Concen: 53.507 ug/l

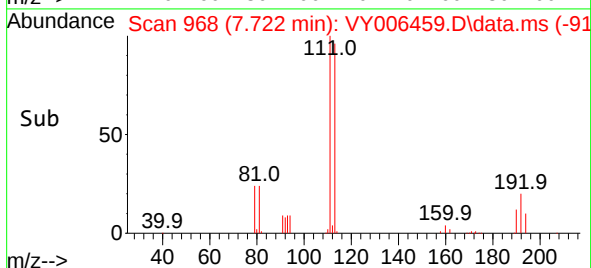
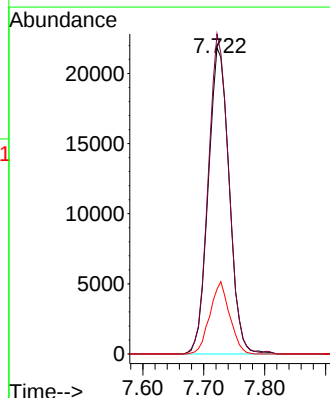
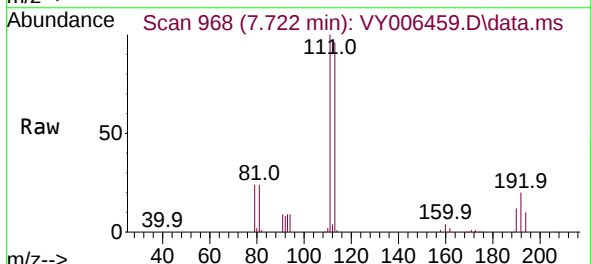
RT: 7.722 min Scan# 968

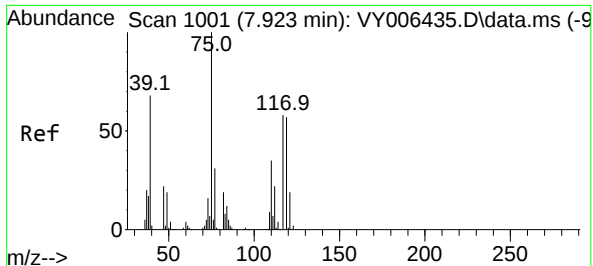
Delta R.T. -0.000 min

Lab File: VY006459.D

Acq: 25 Oct 2021 12:18

Tgt Ion:	113	Resp:	52170
Ion	Ratio	Lower	Upper
113	100		
111	102.3	82.3	123.5
192	22.3	17.4	26.2

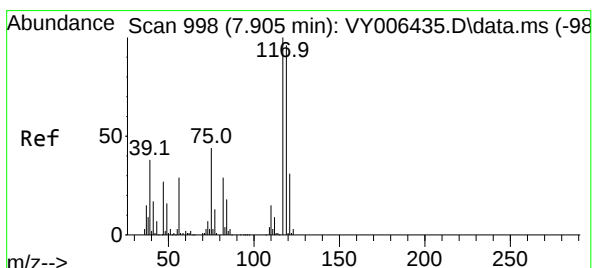
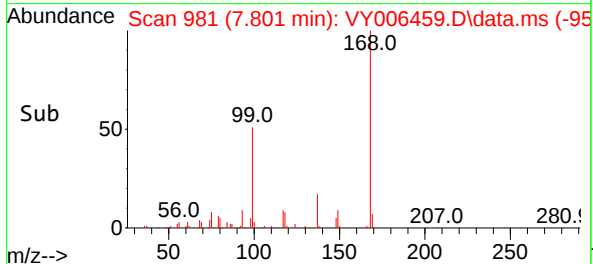
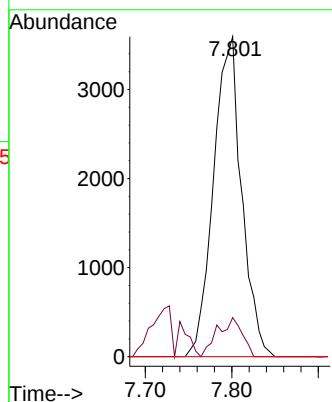
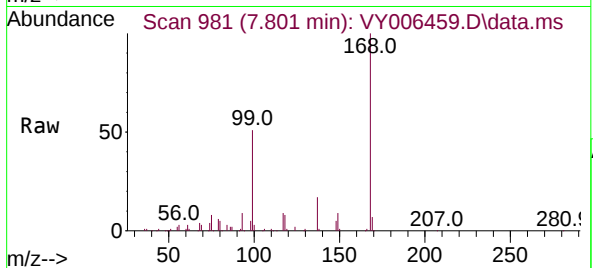




#36
1,1-Dichloropropene
Concen: 4.682 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.122 min
Lab File: VY006459.D
Acq: 25 Oct 2021 12:18

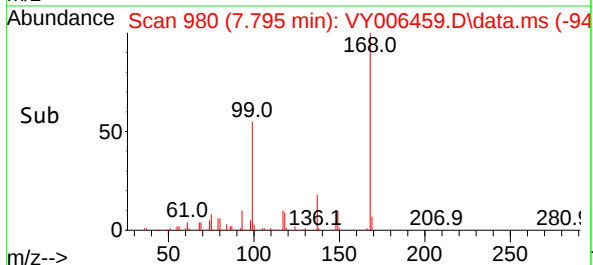
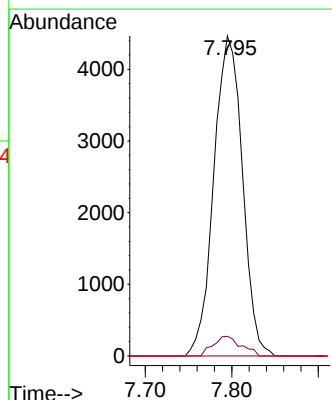
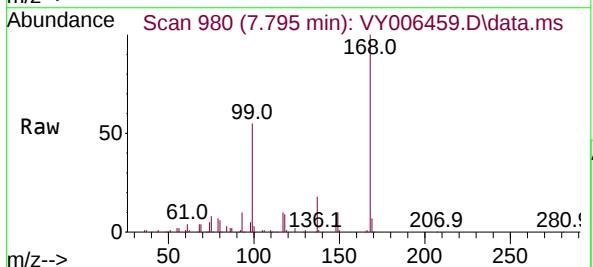
Instrument :
MSVOA_Y
ClientSampleId :

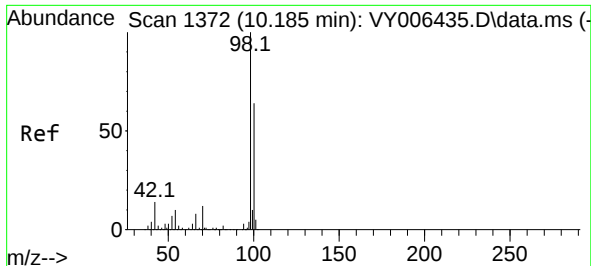
Tgt Ion: 75 Resp: 8093
Ion Ratio Lower Upper
75 100
110 10.7 17.1 51.3#
77 0.0 24.9 37.3#



#38
Carbon Tetrachloride
Concen: 5.368 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.110 min
Lab File: VY006459.D
Acq: 25 Oct 2021 12:18

Tgt Ion: 117 Resp: 10235
Ion Ratio Lower Upper
117 100
119 6.1 76.6 115.0#
121 0.0 24.7 37.1#

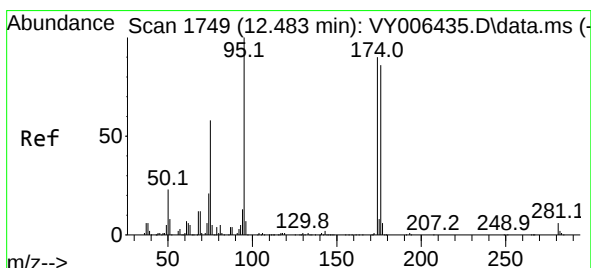
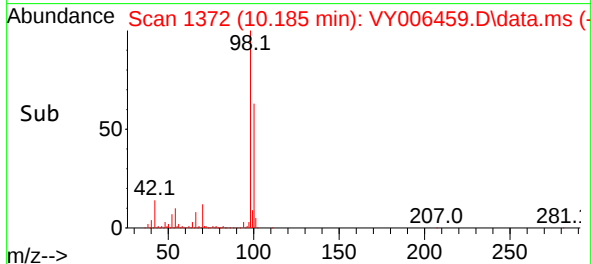
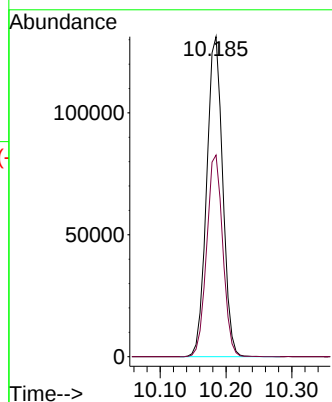
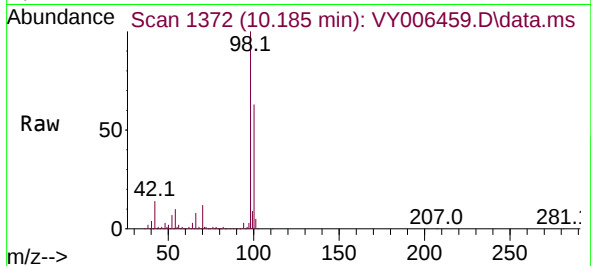




#50
Toluene-d8
Concen: 53.823 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY006459.D
Acq: 25 Oct 2021 12:18

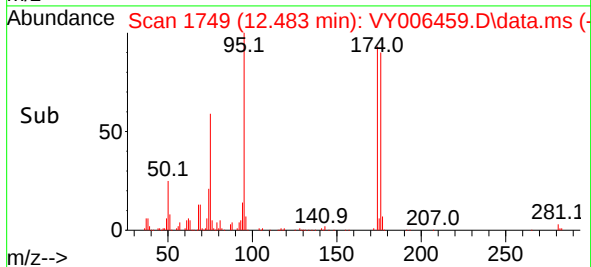
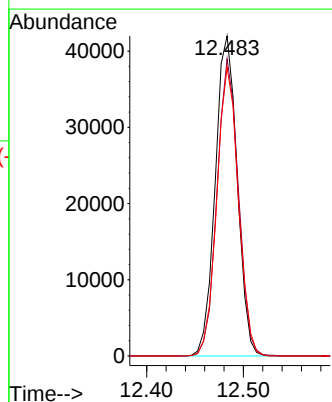
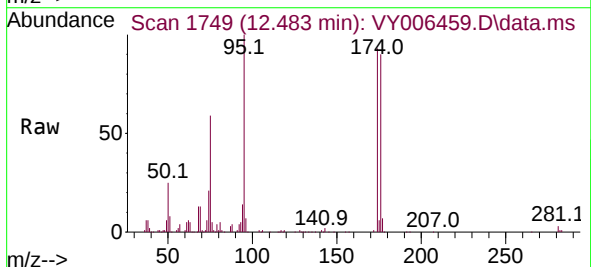
Instrument :
MSVOA_Y
ClientSampled :

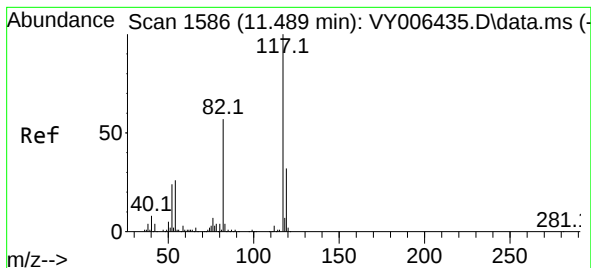
Tgt Ion: 98 Resp: 222459
Ion Ratio Lower Upper
98 100
100 63.3 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 47.350 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY006459.D
Acq: 25 Oct 2021 12:18

Tgt Ion: 95 Resp: 65925
Ion Ratio Lower Upper
95 100
174 90.5 0.0 177.0
176 88.7 0.0 169.4

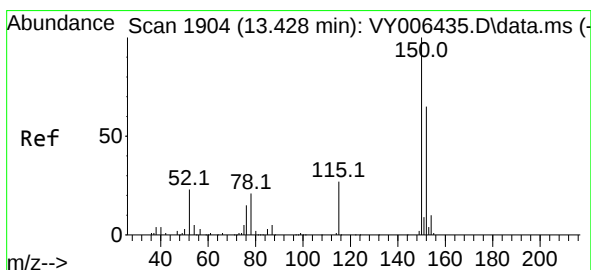
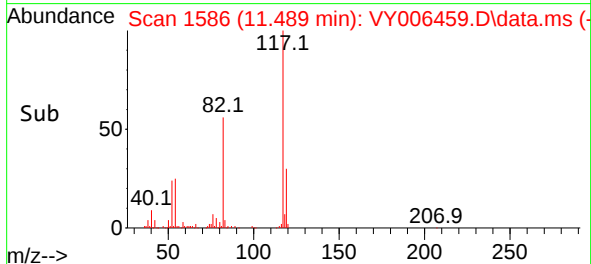
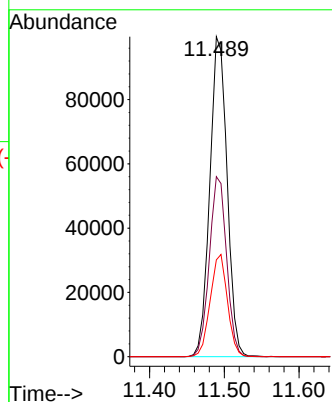
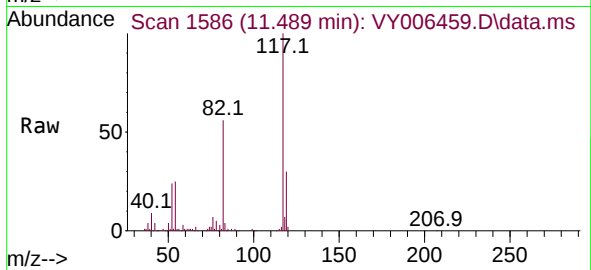




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY006459.D
Acq: 25 Oct 2021 12:18

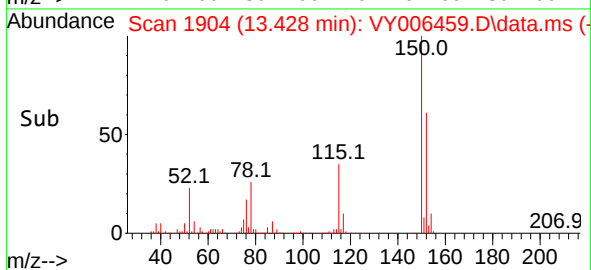
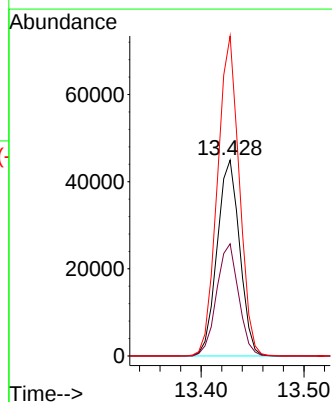
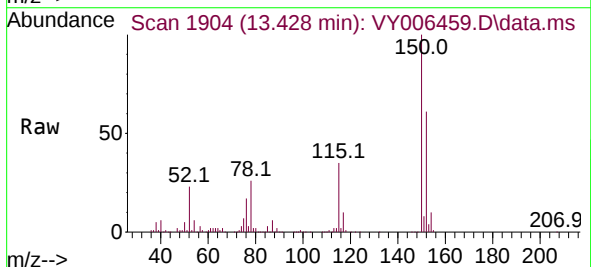
Instrument :
MSVOA_Y
ClientSampleId :

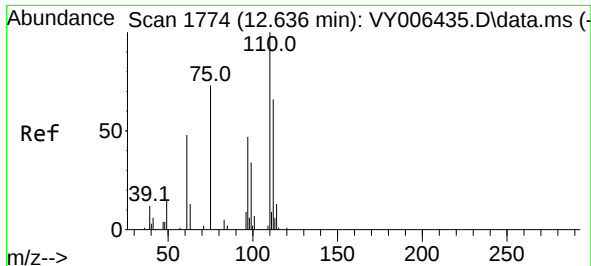
Tgt Ion:117 Resp: 160167
Ion Ratio Lower Upper
117 100
82 56.3 45.7 68.5
119 30.3 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY006459.D
Acq: 25 Oct 2021 12:18

Tgt Ion:152 Resp: 68431
Ion Ratio Lower Upper
152 100
115 56.0 28.5 85.5
150 158.1 0.0 348.2

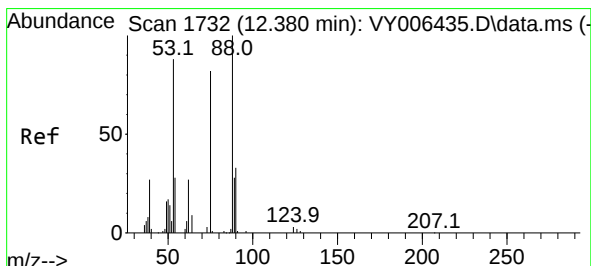
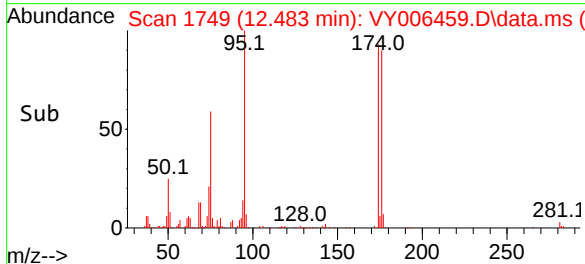
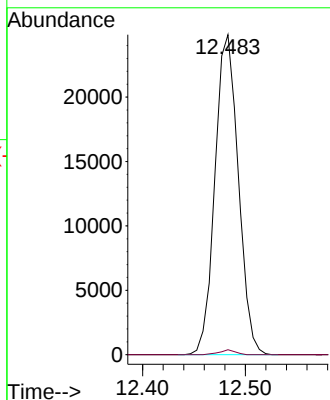
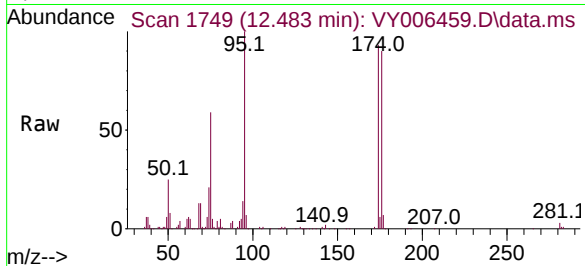




#76
1,2,3-Trichloropropane
Concen: 55.607 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY006459.D
Acq: 25 Oct 2021 12:18

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 39212
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 114.159 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY006459.D
Acq: 25 Oct 2021 12:18

Tgt Ion: 75 Resp: 39212
Ion Ratio Lower Upper
75 100
53 0.0 85.8 128.6#
89 0.0 39.3 58.9#

