

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092721\
 Data File : VY006172.D
 Acq On : 27 Sep 2021 18:40
 Operator : SY/MD
 Sample : M3935-01
 Misc : 5.05G/5ML/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-2

Quant Time: Sep 28 06:23:11 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091421S.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 15 05:01:47 2021
 Response via : Initial Calibration

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

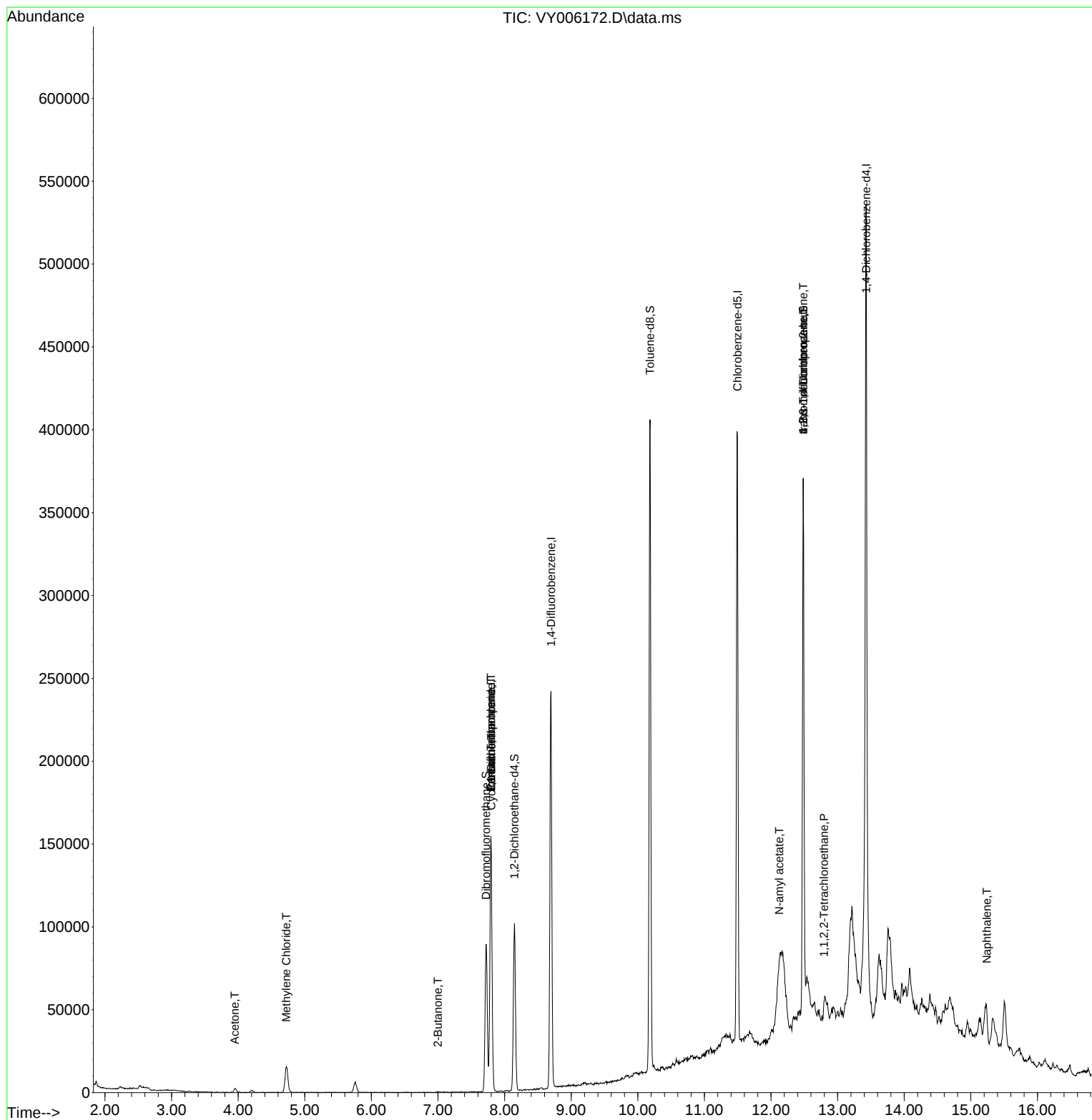
Internal Standards						
1) Pentafluorobenzene	7.795	168	119043	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	198616	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	196483	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	95790	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	83574	50.541	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 101.080%	
35) Dibromofluoromethane	7.722	113	59202	47.990	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 95.980%	
50) Toluene-d8	10.185	98	255271	48.551	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 97.100%	
62) 4-Bromofluorobenzene	12.483	95	90045	50.442	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 100.880%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.954	59	153	Below Cal	#	77
16) Acetone	3.948	43	4389	9.677	ug/l	100
20) Methylene Chloride	4.722	84	11276	3.660	ug/l	87
25) 2-Butanone	6.996	43	704	1.126	ug/l	92
31) Cyclohexane	7.801	56	2884	1.089	ug/l #	44
36) 1,1-Dichloropropene	7.795	75	8926	4.164	ug/l #	52
38) Carbon Tetrachloride	7.795	117	11405	4.887	ug/l #	16
74) N-amyl acetate	12.124	43	3288	1.269	ug/l #	1
75) 1,1,2,2-Tetrachloroethane	12.794	83	1461	1.047	ug/l	65
76) 1,2,3-Trichloropropane	12.483	75	49673	48.637	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	49673	89.419	ug/l #	8
95) Naphthalene	15.239	128	8859	2.315	ug/l #	90

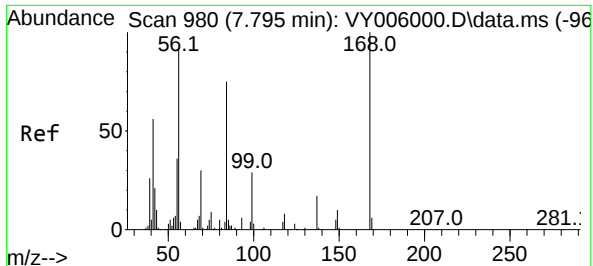
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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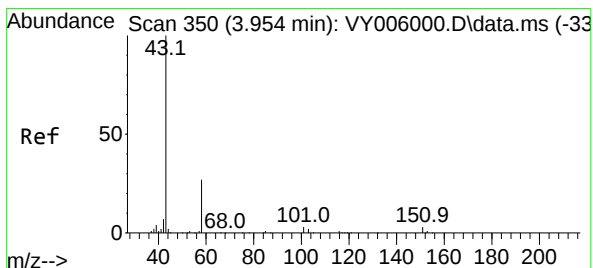
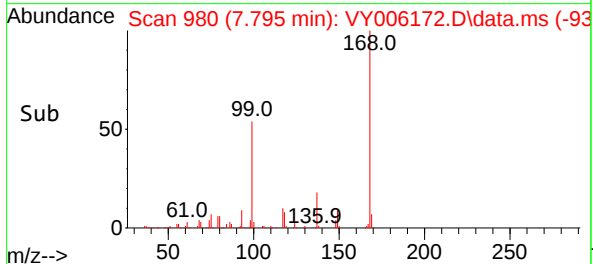
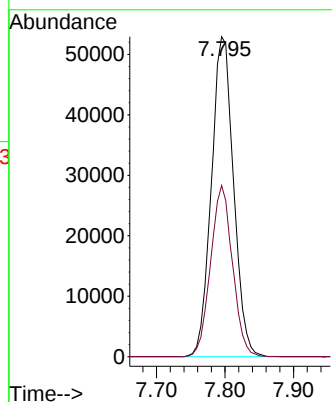
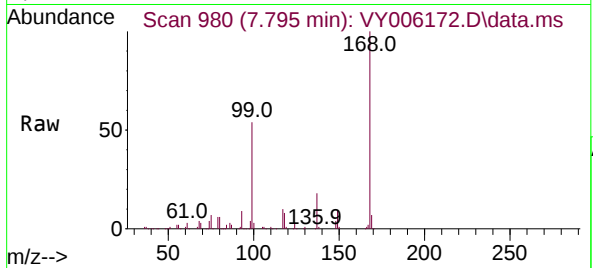




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY006172.D
Acq: 27 Sep 2021 18:40

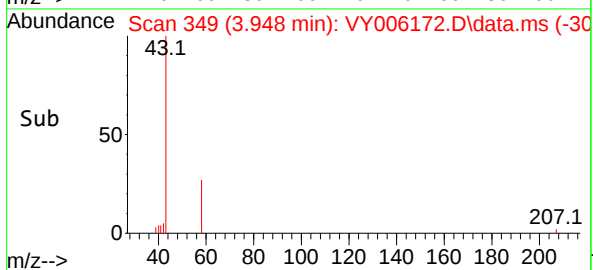
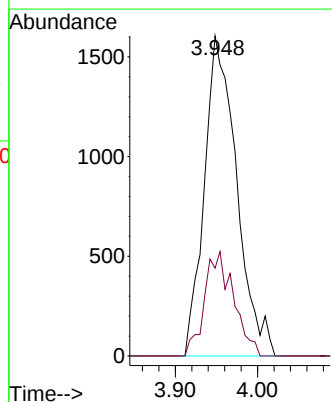
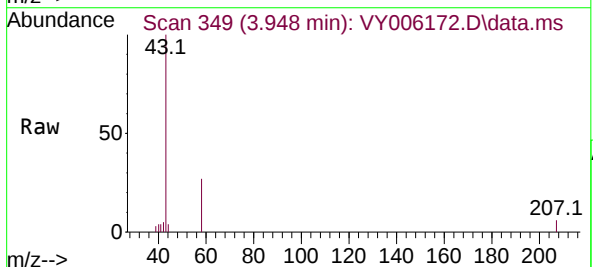
Instrument :
MSVOA_Y
ClientSampleId :
TP-2

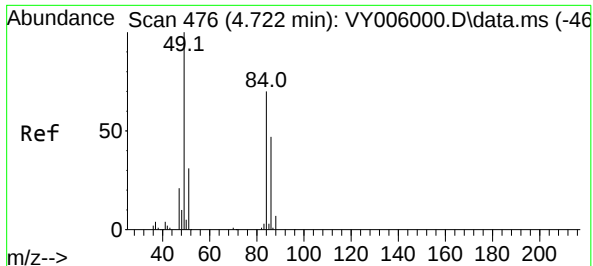
Tgt Ion:168 Resp: 119043
Ion Ratio Lower Upper
168 100
99 53.5 46.9 70.3



#16
Acetone
Concen: 9.677 ug/l
RT: 3.948 min Scan# 349
Delta R.T. -0.006 min
Lab File: VY006172.D
Acq: 27 Sep 2021 18:40

Tgt Ion: 43 Resp: 4389
Ion Ratio Lower Upper
43 100
58 27.5 22.0 33.0

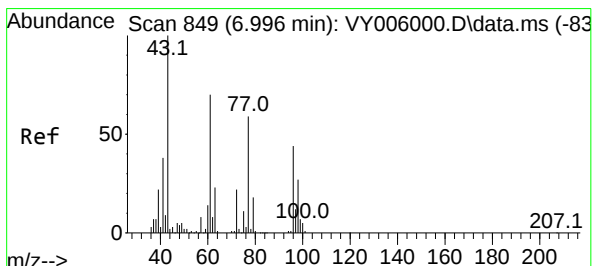
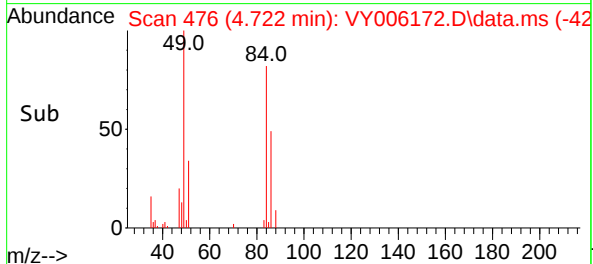
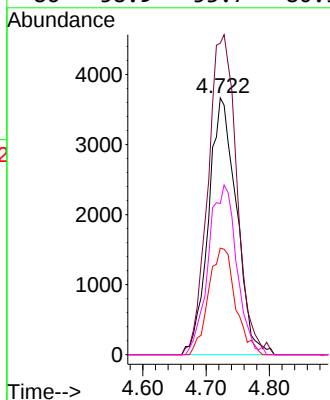
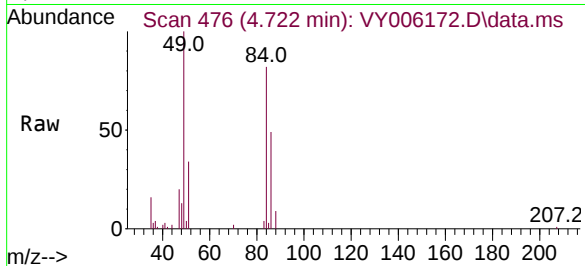




#20
Methylene Chloride
Concen: 3.660 ug/l
RT: 4.722 min Scan# 476
Delta R.T. 0.000 min
Lab File: VY006172.D
Acq: 27 Sep 2021 18:40

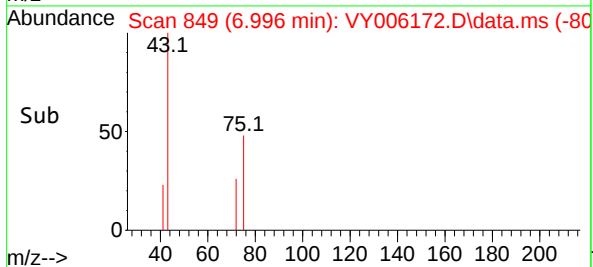
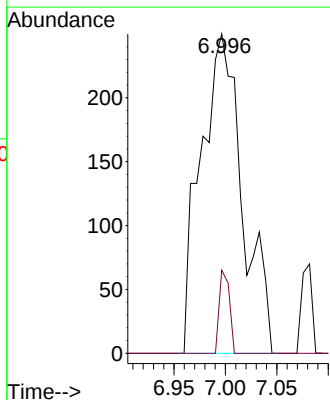
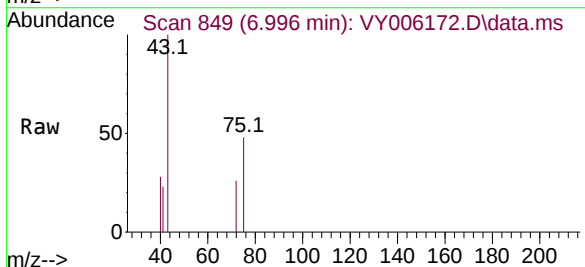
Instrument :
MSVOA_Y
ClientSampleId :
TP-2

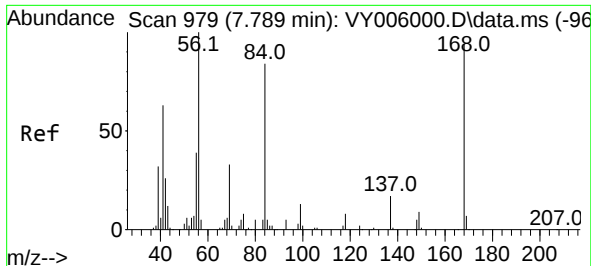
Tgt Ion:	84	Resp:	11276
Ion	Ratio	Lower	Upper
84	100		
49	121.3	114.4	171.6
51	41.5	35.3	52.9
86	58.9	53.7	80.5



#25
2-Butanone
Concen: 1.126 ug/l
RT: 6.996 min Scan# 849
Delta R.T. 0.000 min
Lab File: VY006172.D
Acq: 27 Sep 2021 18:40

Tgt Ion:	43	Resp:	704
Ion	Ratio	Lower	Upper
43	100		
72	26.0	17.7	26.5

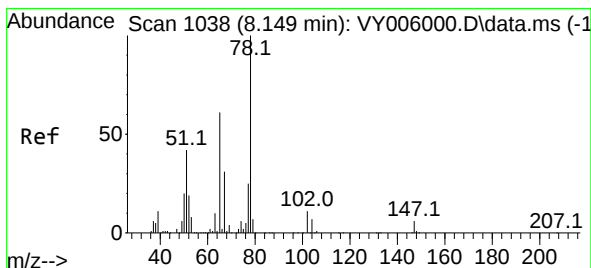
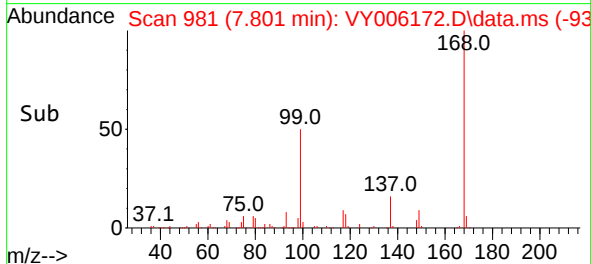
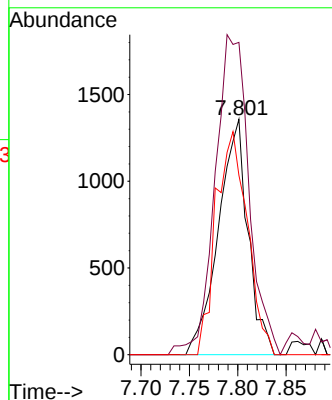
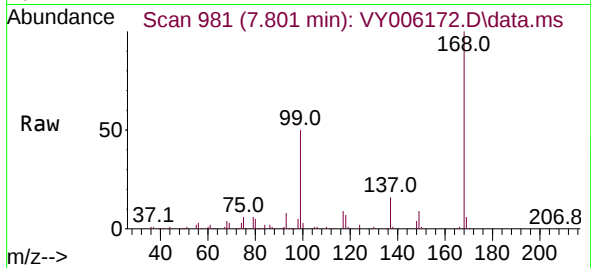




#31
Cyclohexane
Concen: 1.089 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.012 min
Lab File: VY006172.D
Acq: 27 Sep 2021 18:40

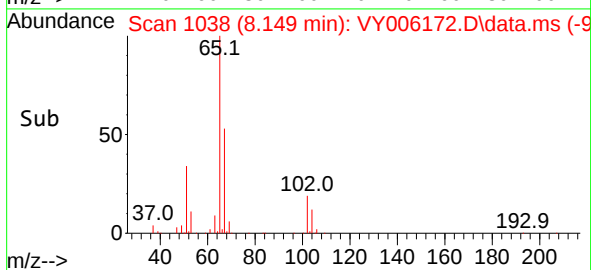
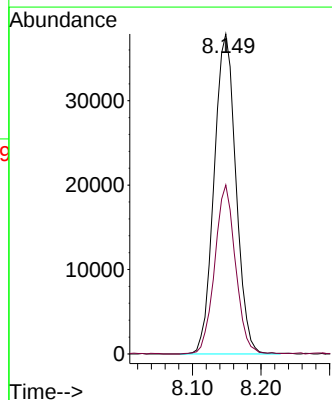
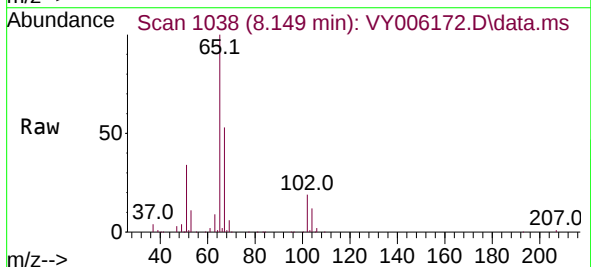
Instrument :
MSVOA_Y
ClientSampleId :
TP-2

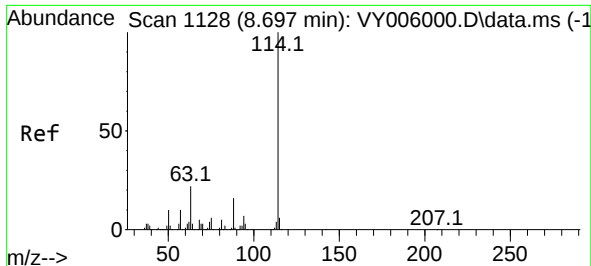
Tgt Ion: 56 Resp: 2884
Ion Ratio Lower Upper
56 100
69 132.7 26.7 40.1#
84 76.2 67.2 100.8



#33
1,2-Dichloroethane-d4
Concen: 50.541 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY006172.D
Acq: 27 Sep 2021 18:40

Tgt Ion: 65 Resp: 83574
Ion Ratio Lower Upper
65 100
67 50.4 0.0 99.4

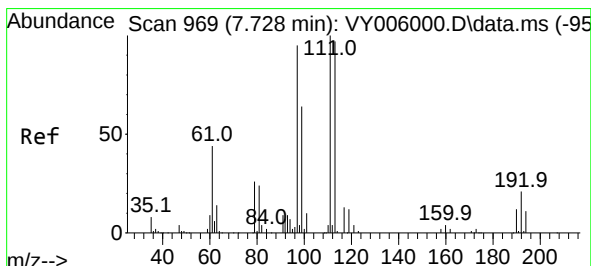
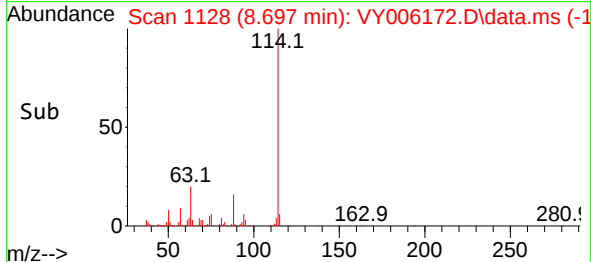
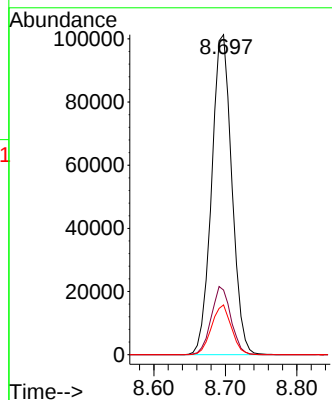
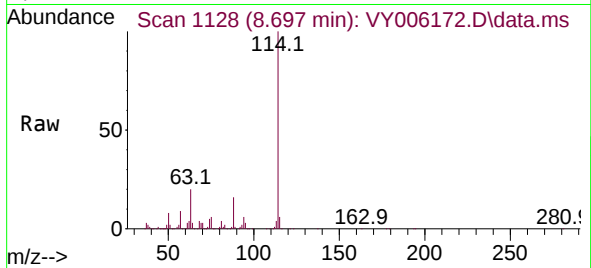




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY006172.D
Acq: 27 Sep 2021 18:40

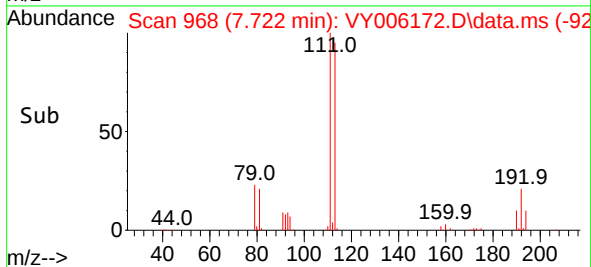
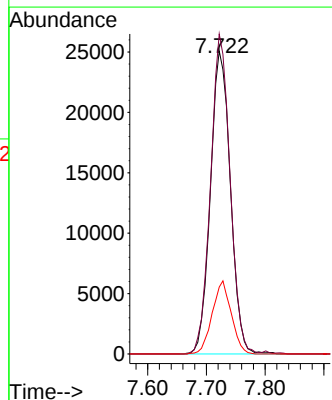
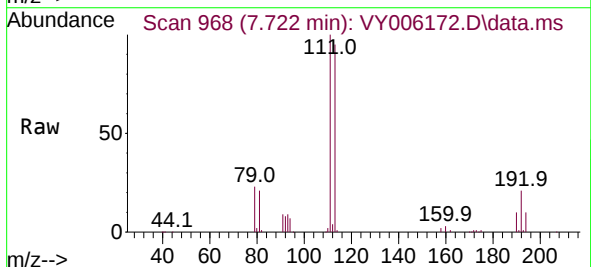
Instrument :
MSVOA_Y
ClientSampled :
TP-2

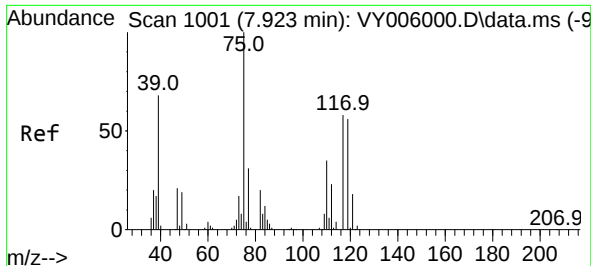
Tgt Ion:	114	Resp:	198616
Ion	Ratio	Lower	Upper
114	100		
63	20.2	0.0	43.2
88	15.6	0.0	31.8



#35
Dibromofluoromethane
Concen: 47.990 ug/l
RT: 7.722 min Scan# 968
Delta R.T. -0.006 min
Lab File: VY006172.D
Acq: 27 Sep 2021 18:40

Tgt Ion:	113	Resp:	59202
Ion	Ratio	Lower	Upper
113	100		
111	103.3	82.6	124.0
192	23.0	17.6	26.4





#36

1,1-Dichloropropene

Concen: 4.164 ug/l

RT: 7.795 min Scan# 980

Delta R.T. -0.128 min

Lab File: VY006172.D

Acq: 27 Sep 2021 18:40

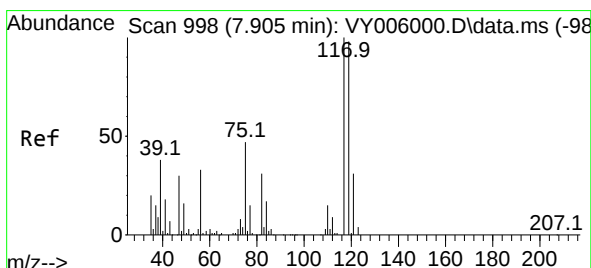
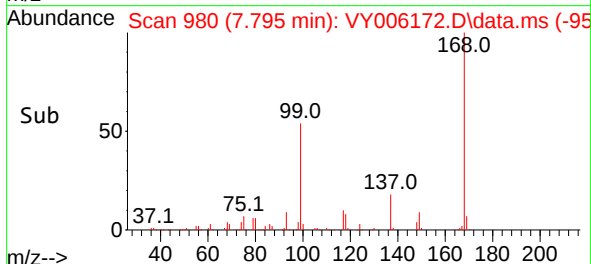
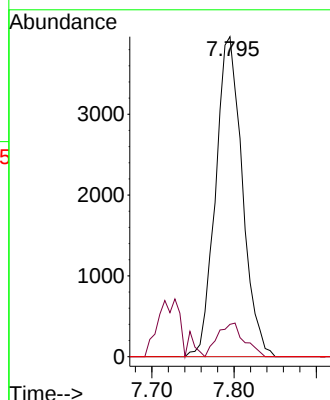
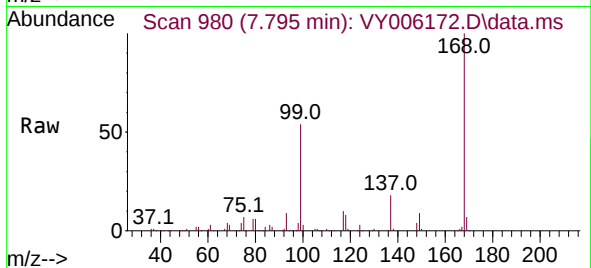
Instrument :

MSVOA_Y

ClientSampled :

TP-2

Tgt Ion:	75	Resp:	8926
Ion	Ratio	Lower	Upper
75	100		
110	10.5	17.1	51.2#
77	0.0	24.4	36.6#



#38

Carbon Tetrachloride

Concen: 4.887 ug/l

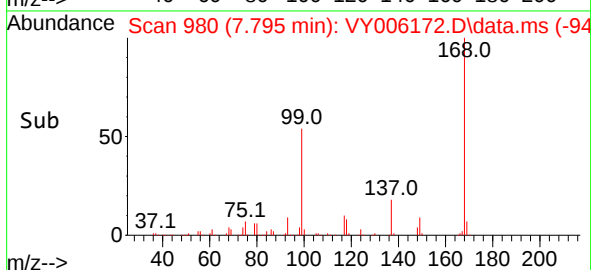
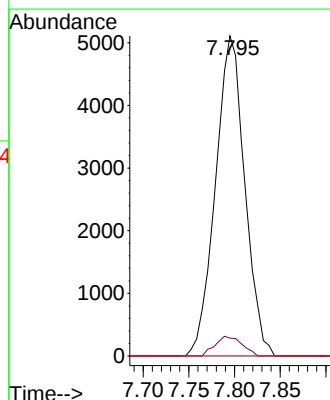
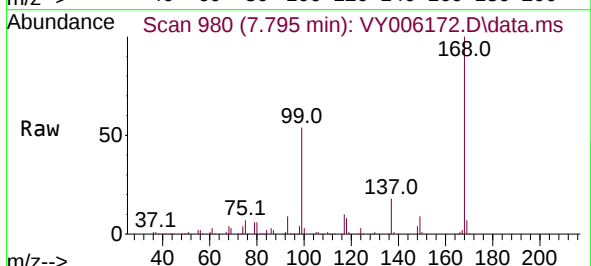
RT: 7.795 min Scan# 980

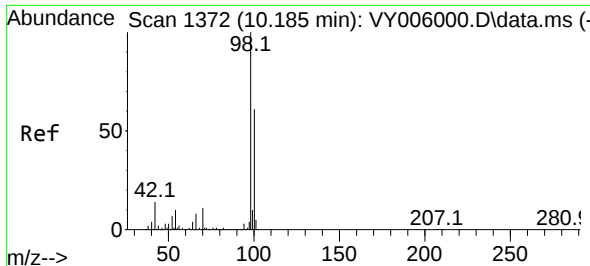
Delta R.T. -0.110 min

Lab File: VY006172.D

Acq: 27 Sep 2021 18:40

Tgt Ion:	117	Resp:	11405
Ion	Ratio	Lower	Upper
117	100		
119	5.6	77.9	116.9#
121	0.0	24.8	37.2#

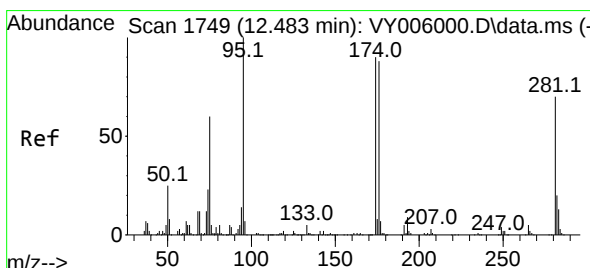
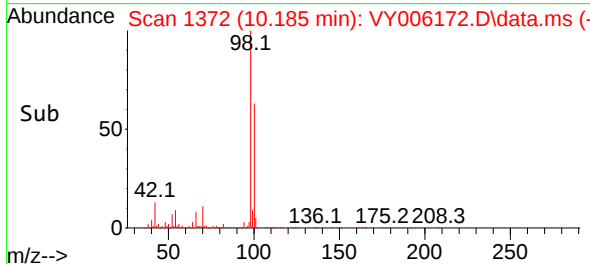
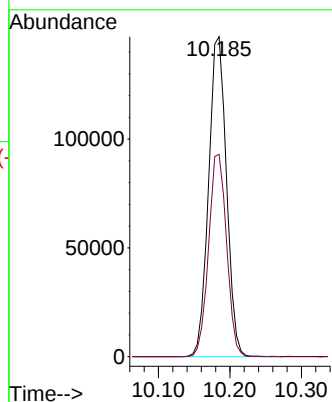
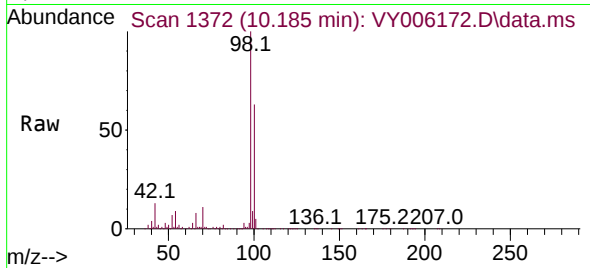




#50
Toluene-d8
Concen: 48.551 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY006172.D
Acq: 27 Sep 2021 18:40

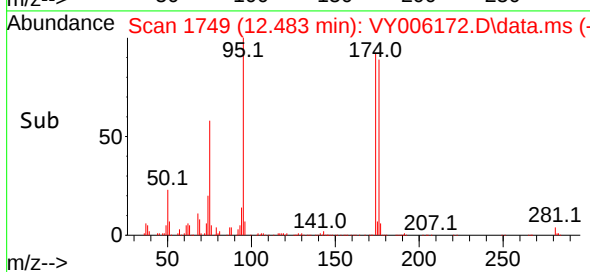
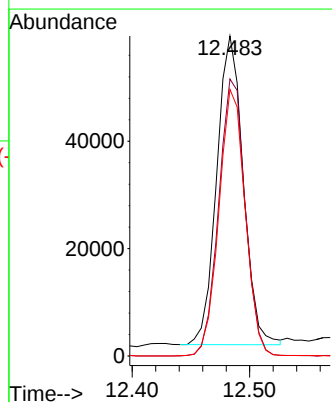
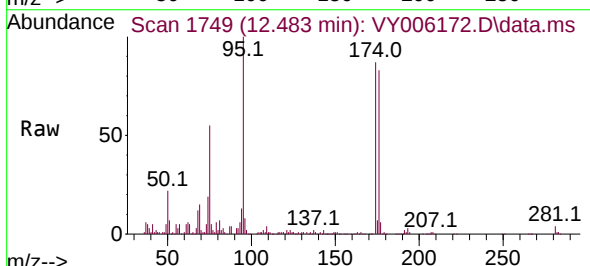
Instrument :
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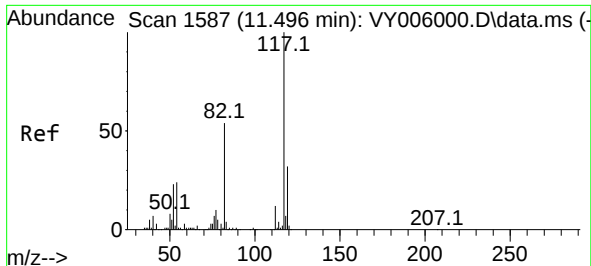
Tgt Ion: 98 Resp: 255271
Ion Ratio Lower Upper
98 100
100 63.7 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 50.442 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY006172.D
Acq: 27 Sep 2021 18:40

Tgt Ion: 95 Resp: 90045
Ion Ratio Lower Upper
95 100
174 89.7 0.0 177.0
176 85.7 0.0 175.8

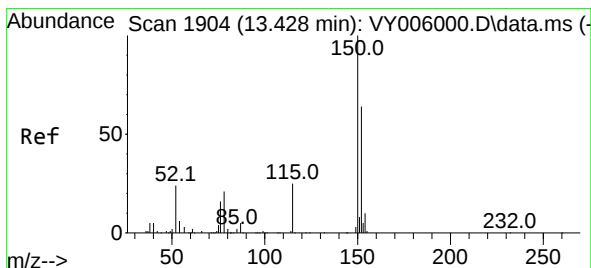
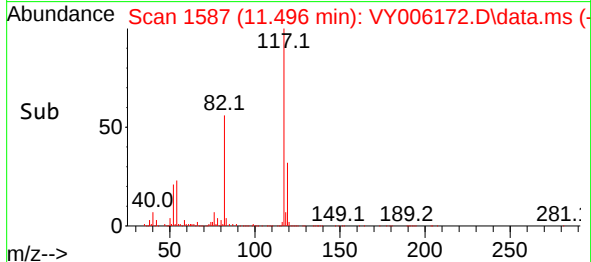
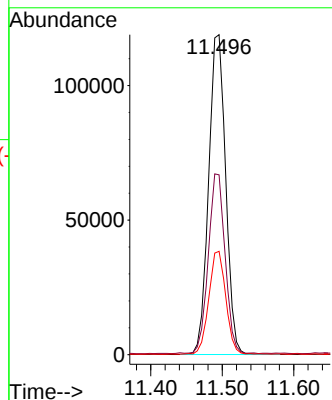
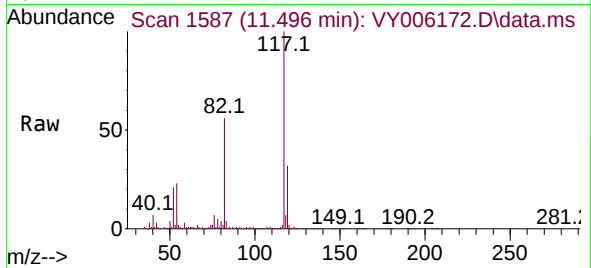




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY006172.D
Acq: 27 Sep 2021 18:40

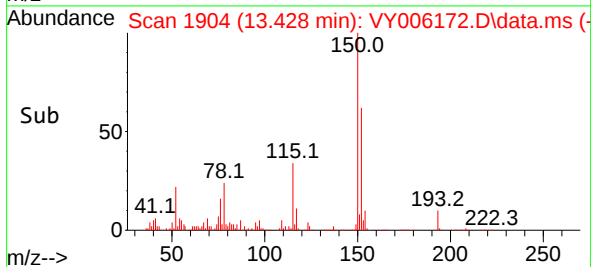
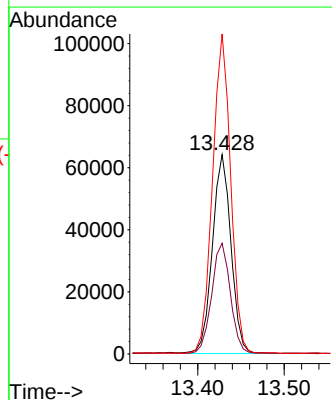
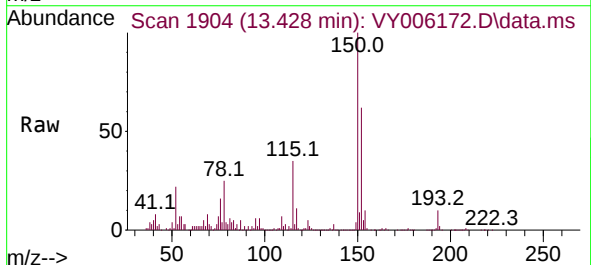
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ClientSampled :
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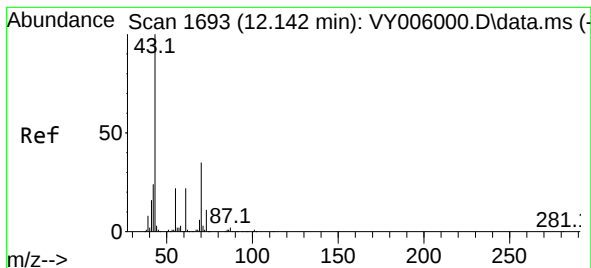
Tgt Ion:	117	Resp:	196483
Ion	Ratio	Lower	Upper
117	100		
82	55.8	43.0	64.4
119	32.1	25.4	38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY006172.D
Acq: 27 Sep 2021 18:40

Tgt Ion:	152	Resp:	95790
Ion	Ratio	Lower	Upper
152	100		
115	55.5	28.2	84.7
150	155.9	0.0	347.6

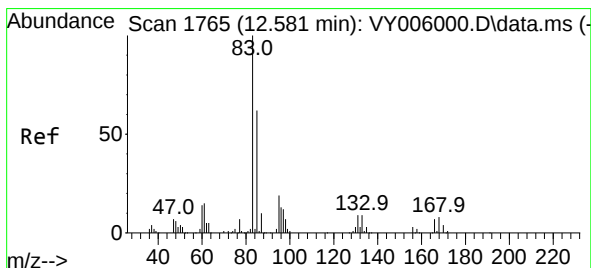
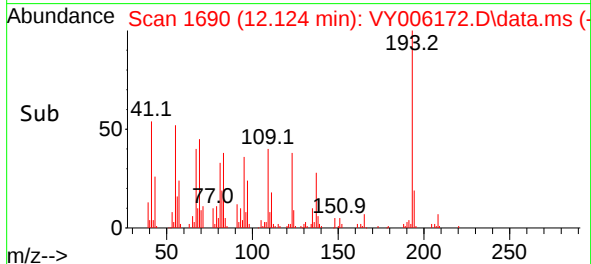
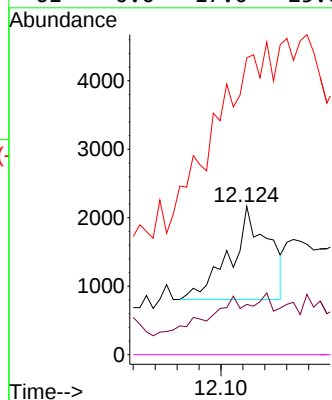
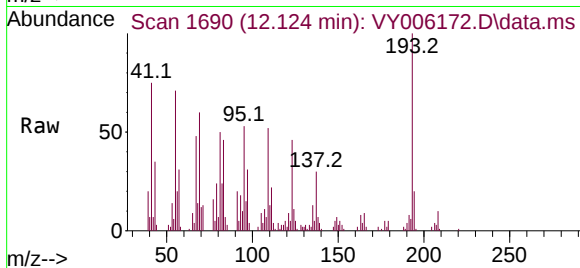




#74
N-amy1 acetate
Concen: 1.269 ug/l
RT: 12.124 min Scan# 1690
Delta R.T. -0.018 min
Lab File: VY006172.D
Acq: 27 Sep 2021 18:40

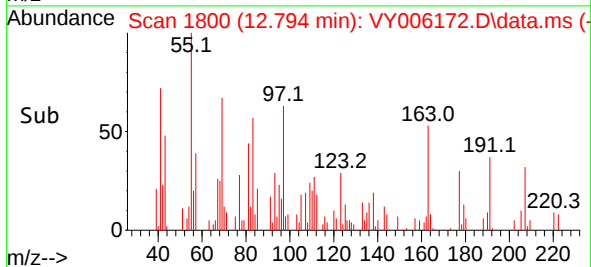
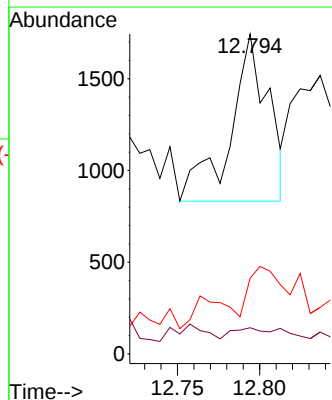
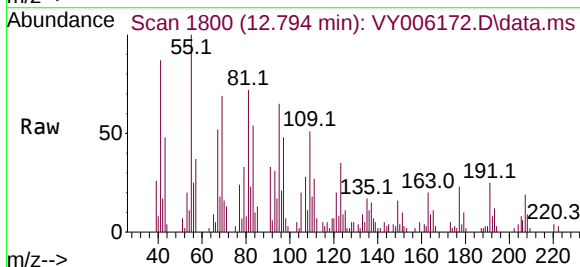
Instrument :
MSVOA_Y
ClientSampled :
TP-2

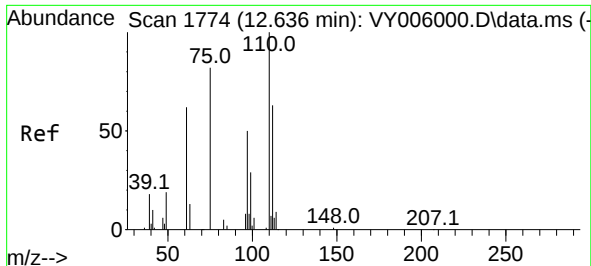
Tgt Ion:	43	Resp:	3288
Ion	Ratio	Lower	Upper
43	100		
70	46.5	28.7	43.1#
55	258.0	17.3	25.9#
61	0.0	17.0	25.6#



#75
1,1,2,2-Tetrachloroethane
Concen: 1.047 ug/l
RT: 12.794 min Scan# 1800
Delta R.T. 0.213 min
Lab File: VY006172.D
Acq: 27 Sep 2021 18:40

Tgt Ion:	83	Resp:	1461
Ion	Ratio	Lower	Upper
83	100		
131	8.6	5.6	16.8
85	33.4	32.3	96.8

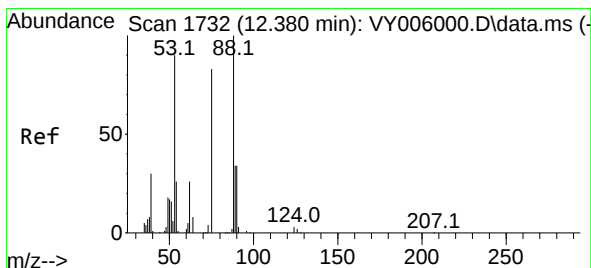
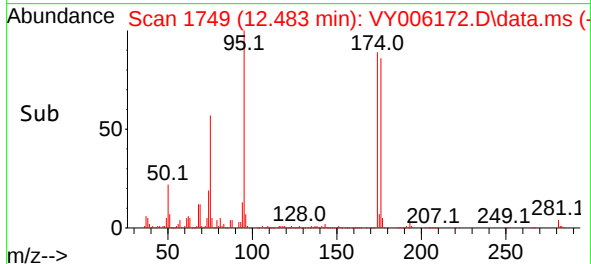
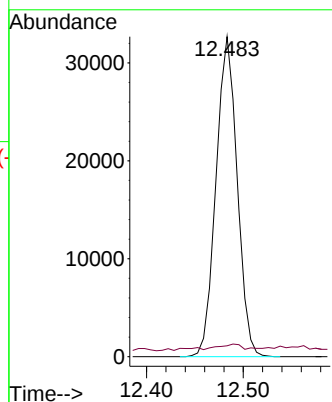
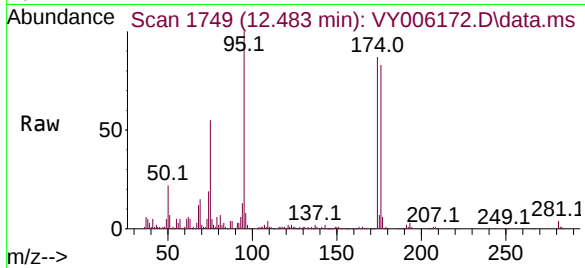




#76
1,2,3-Trichloropropane
Concen: 48.637 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY006172.D
Acq: 27 Sep 2021 18:40

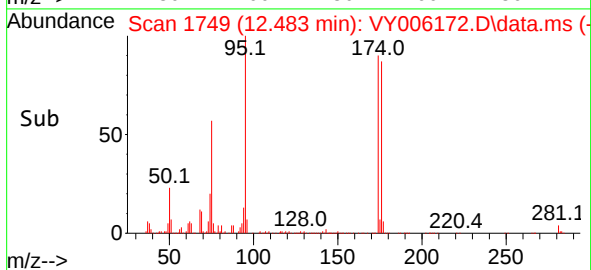
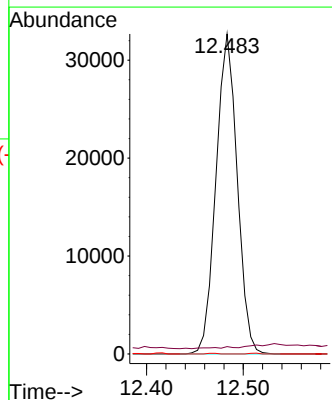
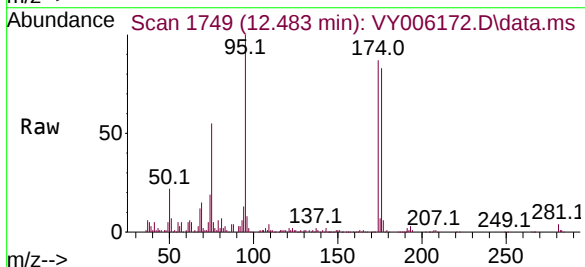
Instrument :
MSVOA_Y
ClientSampled :
TP-2

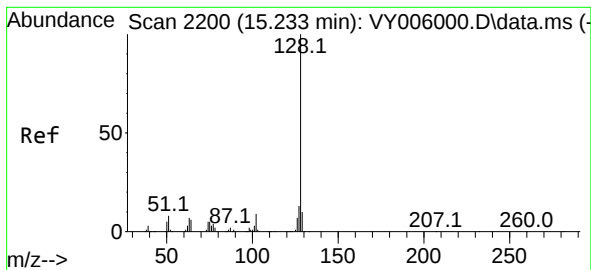
Tgt Ion: 75 Resp: 49673
Ion Ratio Lower Upper
75 100
77 1.9 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 89.419 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY006172.D
Acq: 27 Sep 2021 18:40

Tgt Ion: 75 Resp: 49673
Ion Ratio Lower Upper
75 100
53 1.4 85.3 127.9#
89 0.1 37.0 55.4#





#95
Naphthalene
Concen: 2.315 ug/l
RT: 15.239 min Scan# 2201
Delta R.T. 0.006 min
Lab File: VY006172.D
Acq: 27 Sep 2021 18:40

Instrument :
MSVOA_Y
ClientSampleId :
TP-2

Tgt Ion	Ratio	Lower	Upper
128	100		
127	17.7	11.0	16.4#
129	14.3	8.4	12.6#

