

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072821\
 Data File : VY005495.D
 Acq On : 28 Jul 2021 17:29
 Operator : SY/MD
 Sample : M3198-05RE
 Misc : 5.07G/5ML/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-8RE

Quant Time: Jul 29 05:34:19 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y072221S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 23 06:20:14 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	22085	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	32804	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	30095	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	13192	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	12277	52.034	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	104.060%
35) Dibromofluoromethane	7.722	113	9846	51.982	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.960%
50) Toluene-d8	10.185	98	40385	50.305	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	100.600%
62) 4-Bromofluorobenzene	12.483	95	11752	44.354	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	88.700%

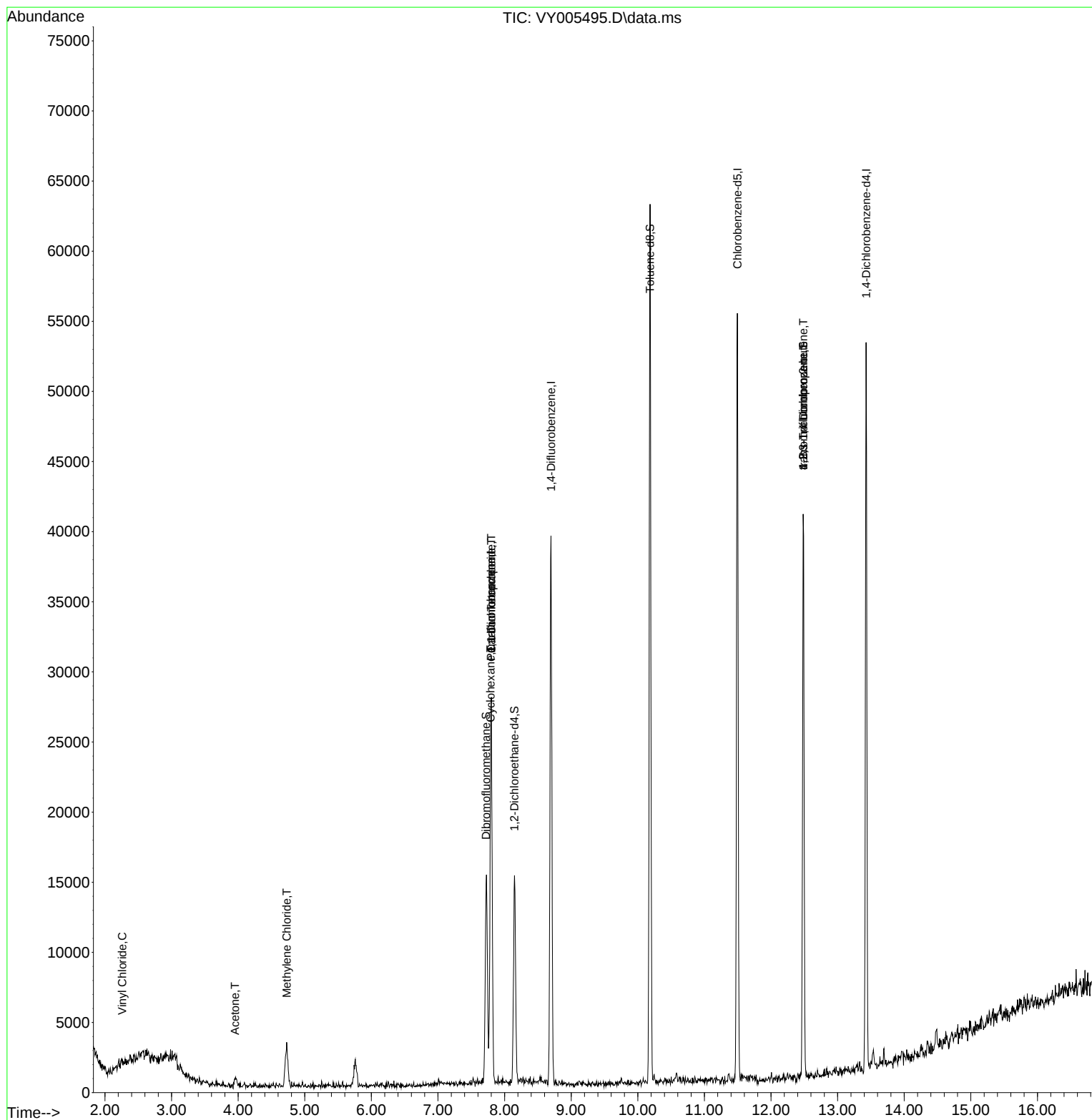
Target Compounds					Qvalue	
4) Vinyl Chloride	2.259	62	480	1.645	ug/l #	43
16) Acetone	3.954	43	1268	23.533	ug/l	95
20) Methylene Chloride	4.728	84	2309	6.381	ug/l #	85
31) Cyclohexane	7.789	56	483	1.199	ug/l #	31
36) 1,1-Dichloropropene	7.801	75	1764	5.561	ug/l #	47
38) Carbon Tetrachloride	7.801	117	2148	6.197	ug/l #	12
76) 1,2,3-Trichloropropane	12.483	75	6380	49.150	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	6380	95.436	ug/l #	11

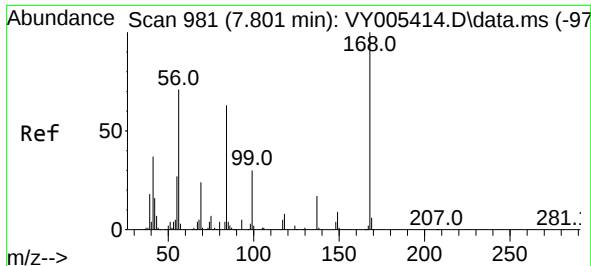
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 17 Sample Multiplier: 1

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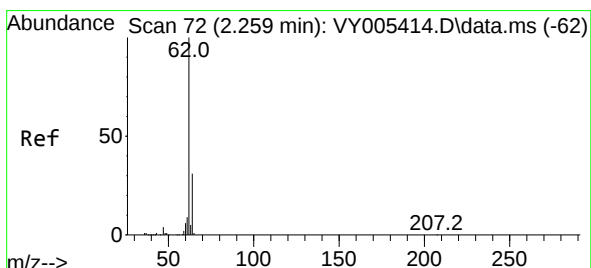
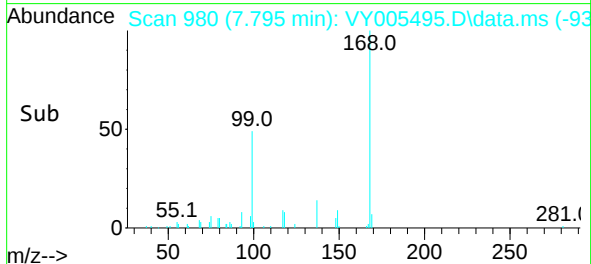
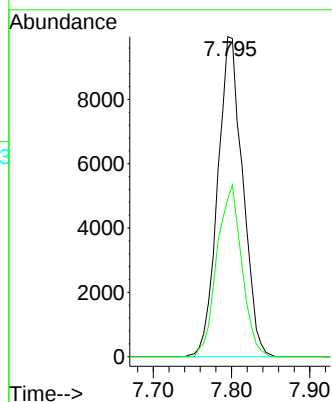
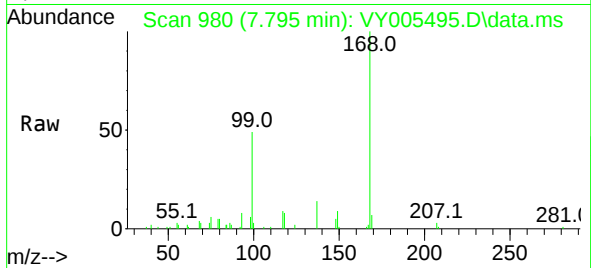




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.006 min
Lab File: VY005495.D
Acq: 28 Jul 2021 17:29

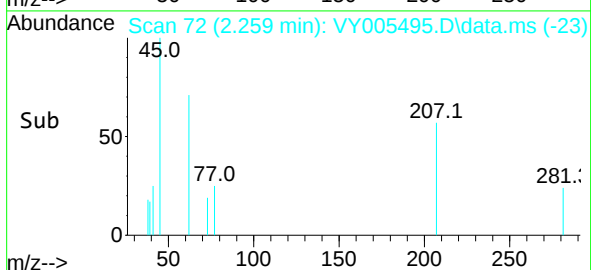
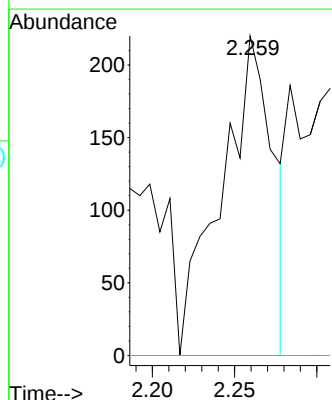
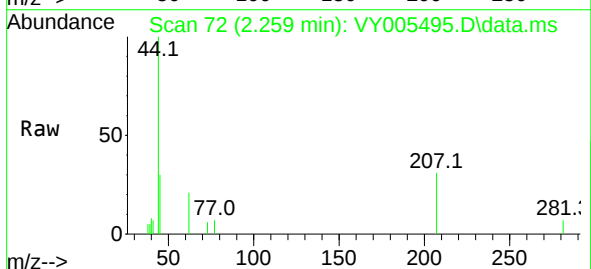
Instrument :
MSVOA_Y
ClientSampleId :
TP-8RE

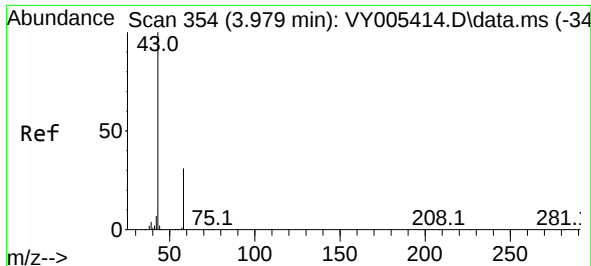
Tgt Ion:168 Resp: 22085
Ion Ratio Lower Upper
168 100
99 49.2 39.8 59.6



#4
Vinyl Chloride
Concen: 1.645 ug/l
RT: 2.259 min Scan# 72
Delta R.T. -0.000 min
Lab File: VY005495.D
Acq: 28 Jul 2021 17:29

Tgt Ion: 62 Resp: 480
Ion Ratio Lower Upper
62 100
64 0.0 25.1 37.7#

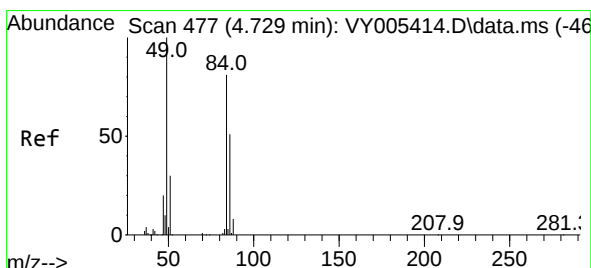
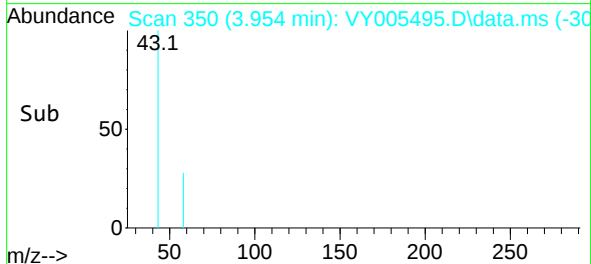
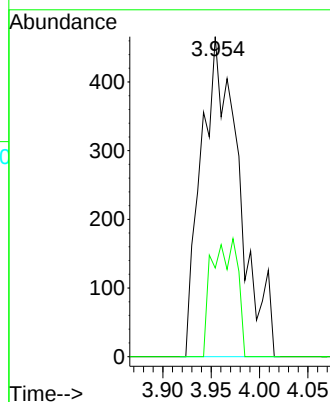
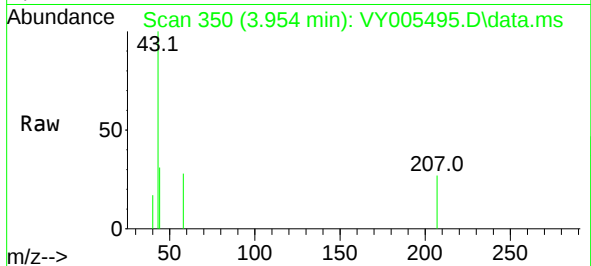




#16
Acetone
Concen: 23.533 ug/l
RT: 3.954 min Scan# 350
Delta R.T. -0.024 min
Lab File: VY005495.D
Acq: 28 Jul 2021 17:29

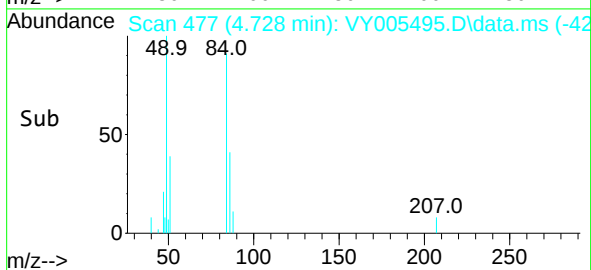
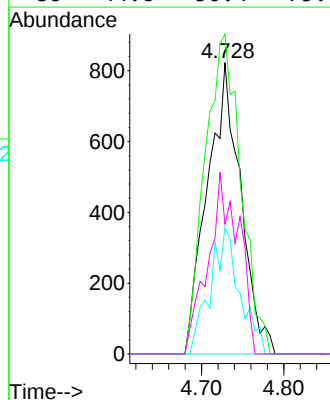
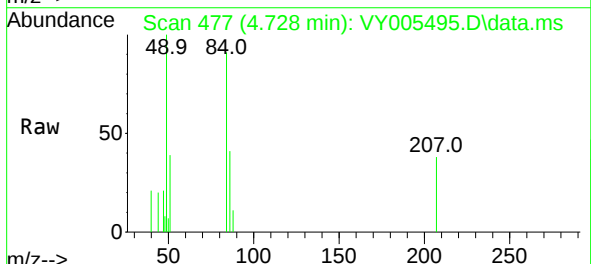
Instrument :
MSVOA_Y
ClientSampleId :
TP-8RE

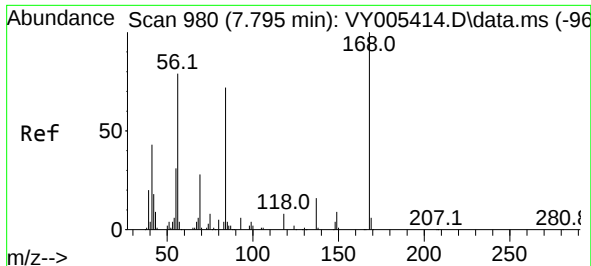
Tgt Ion: 43 Resp: 1268
Ion Ratio Lower Upper
43 100
58 27.7 24.5 36.7



#20
Methylene Chloride
Concen: 6.381 ug/l
RT: 4.728 min Scan# 477
Delta R.T. -0.001 min
Lab File: VY005495.D
Acq: 28 Jul 2021 17:29

Tgt Ion: 84 Resp: 2309
Ion Ratio Lower Upper
84 100
49 109.8 98.9 148.3
51 43.4 30.0 45.0
86 44.6 50.4 75.6#

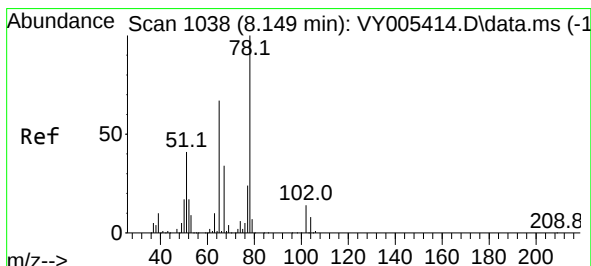
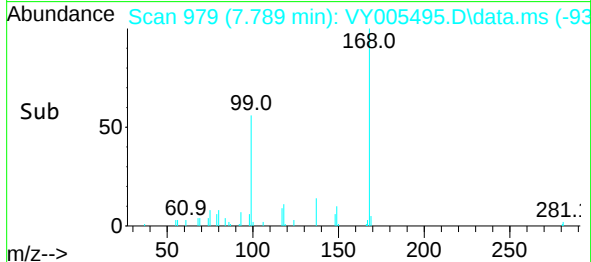
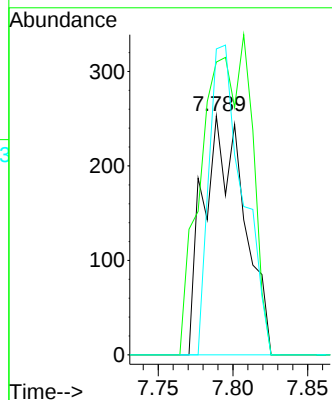
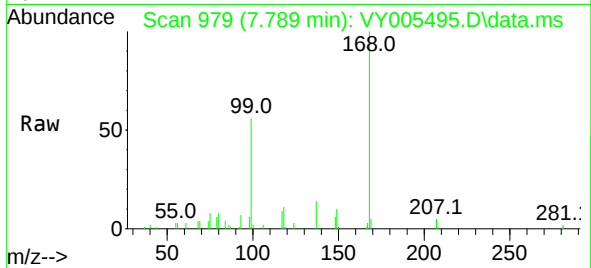




#31
Cyclohexane
Concen: 1.199 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.006 min
Lab File: VY005495.D
Acq: 28 Jul 2021 17:29

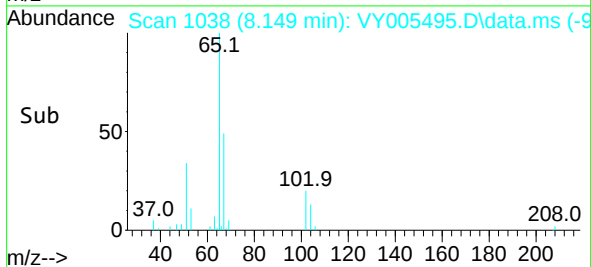
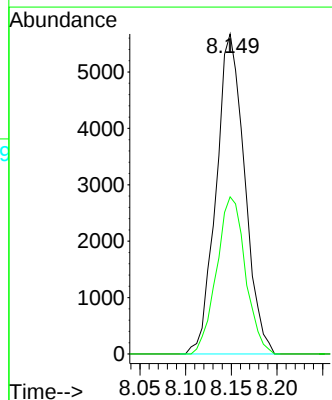
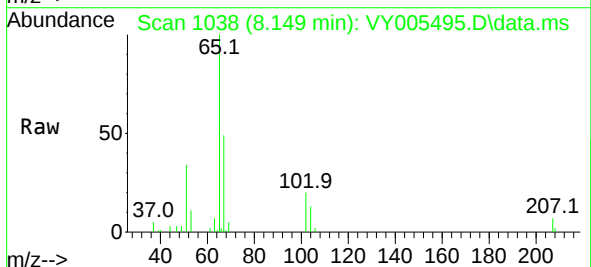
Instrument :
MSVOA_Y
ClientSampleId :
TP-8RE

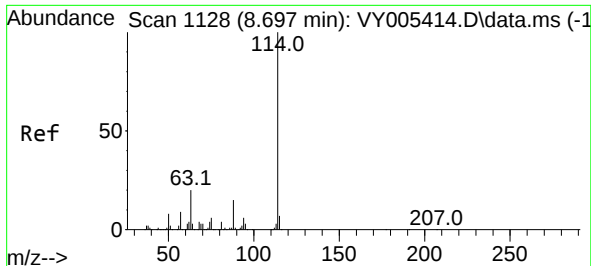
Tgt Ion: 56 Resp: 483
Ion Ratio Lower Upper
56 100
69 122.5 28.7 43.1#
84 128.1 73.0 109.6#



#33
1,2-Dichloroethane-d4
Concen: 52.034 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY005495.D
Acq: 28 Jul 2021 17:29

Tgt Ion: 65 Resp: 12277
Ion Ratio Lower Upper
65 100
67 49.6 0.0 102.2

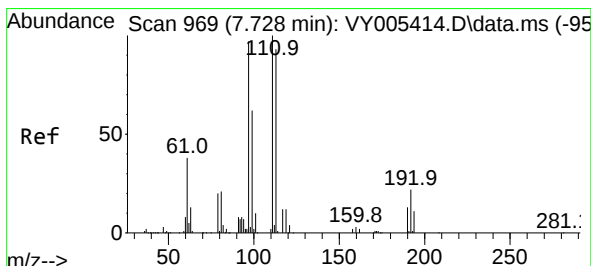
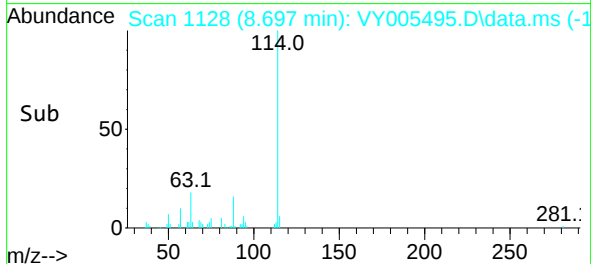
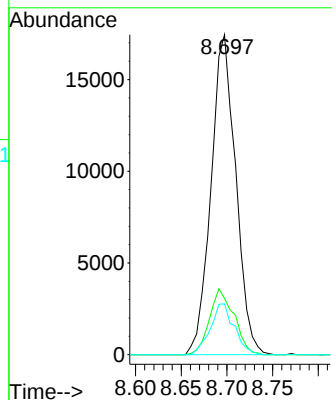
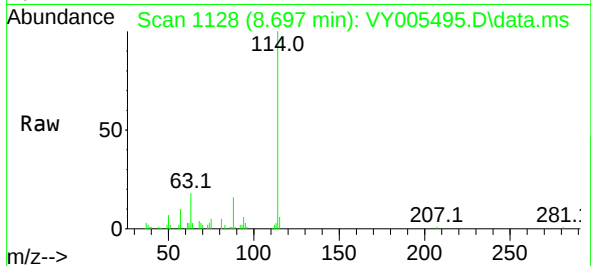




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY005495.D
Acq: 28 Jul 2021 17:29

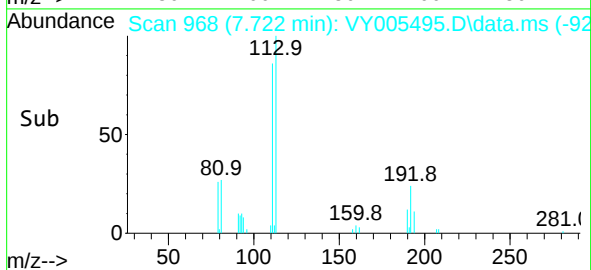
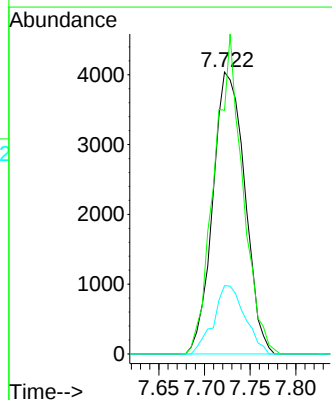
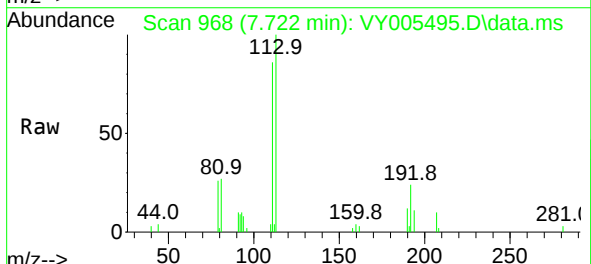
Instrument :
MSVOA_Y
ClientSampled :
TP-8RE

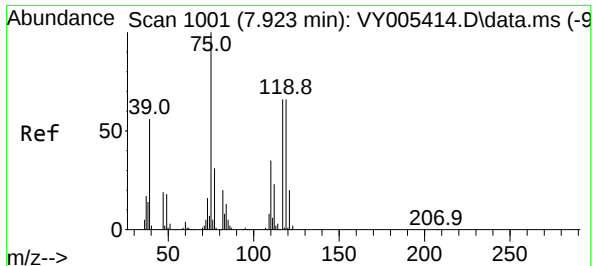
Tgt Ion:	114	Resp:	32804
Ion Ratio	Lower	Upper	
114	100		
63	17.6	0.0	39.0
88	15.9	0.0	30.8



#35
Dibromofluoromethane
Concen: 51.982 ug/l
RT: 7.722 min Scan# 968
Delta R.T. -0.006 min
Lab File: VY005495.D
Acq: 28 Jul 2021 17:29

Tgt Ion:	113	Resp:	9846
Ion Ratio	Lower	Upper	
113	100		
111	100.6	82.6	124.0
192	23.7	18.9	28.3

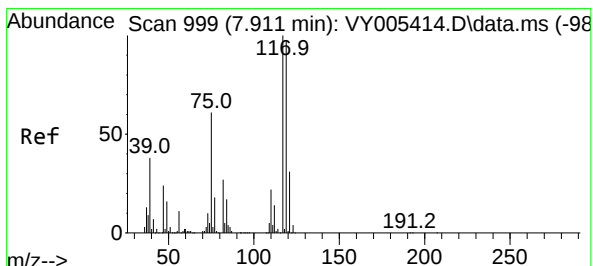
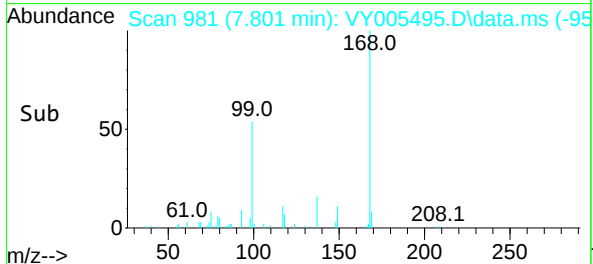
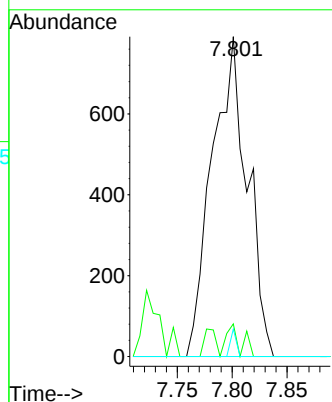
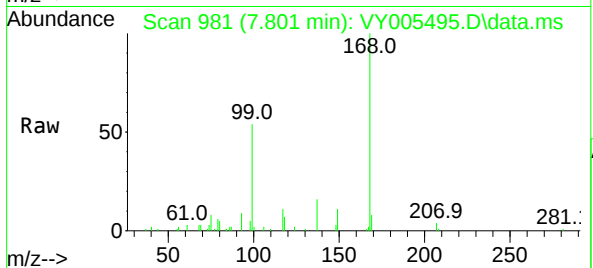




#36
1,1-Dichloropropene
Concen: 5.561 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.122 min
Lab File: VY005495.D
Acq: 28 Jul 2021 17:29

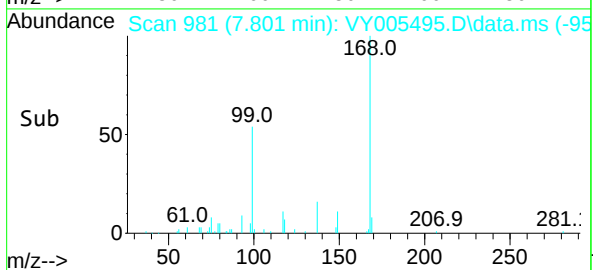
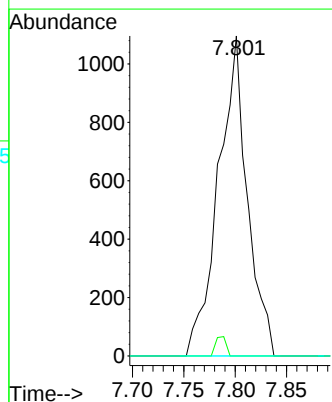
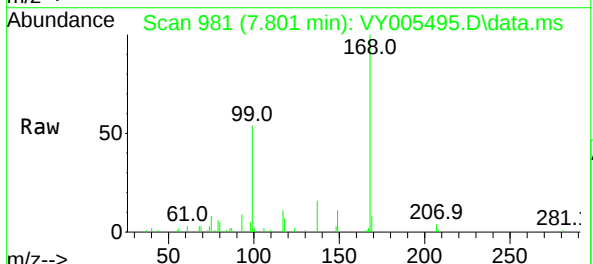
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ClientSampleId :
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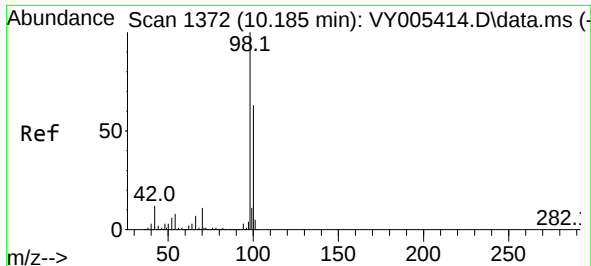
Tgt Ion: 75 Resp: 1764
Ion Ratio Lower Upper
75 100
110 4.2 17.6 52.9#
77 1.4 24.6 37.0#



#38
Carbon Tetrachloride
Concen: 6.197 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.110 min
Lab File: VY005495.D
Acq: 28 Jul 2021 17:29

Tgt Ion: 117 Resp: 2148
Ion Ratio Lower Upper
117 100
119 0.0 77.2 115.8#
121 0.0 25.1 37.7#

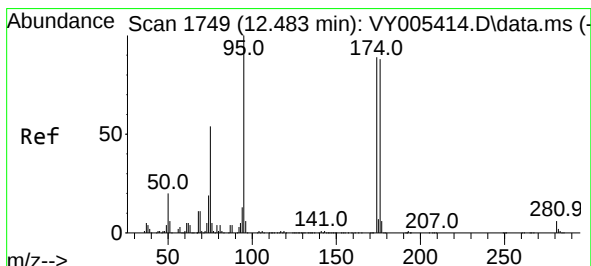
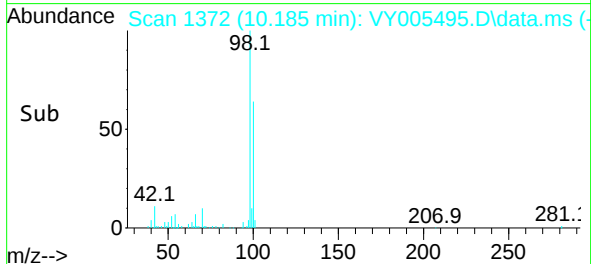
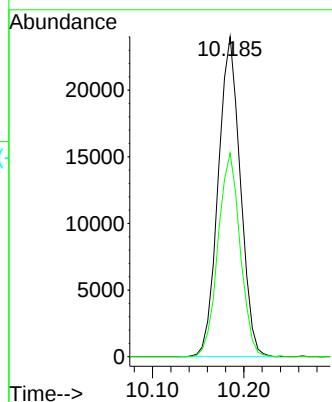
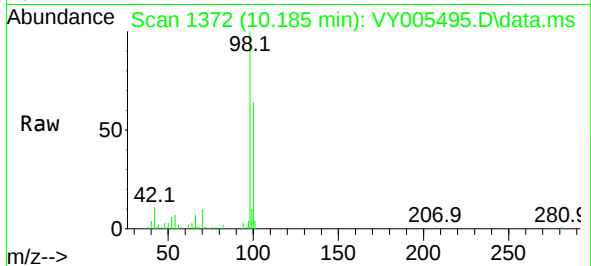




#50
Toluene-d8
Concen: 50.305 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY005495.D
Acq: 28 Jul 2021 17:29

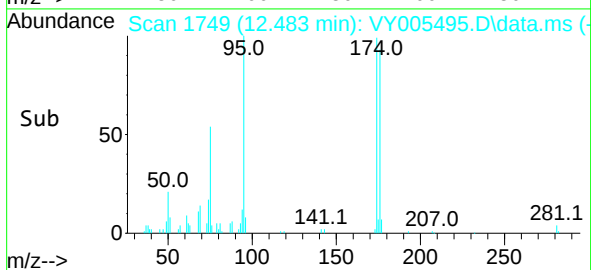
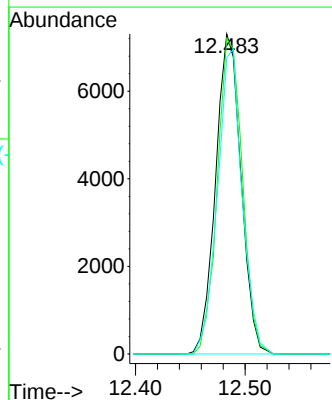
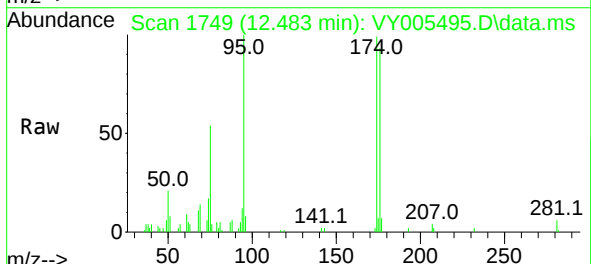
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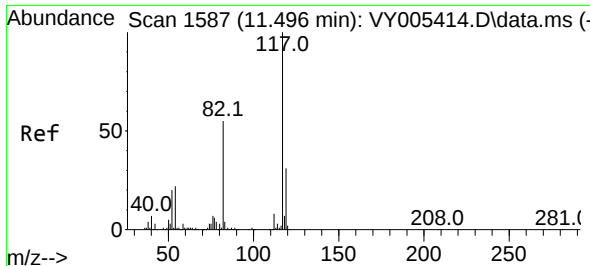
Tgt Ion: 98 Resp: 40385
Ion Ratio Lower Upper
98 100
100 63.5 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 44.354 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY005495.D
Acq: 28 Jul 2021 17:29

Tgt Ion: 95 Resp: 11752
Ion Ratio Lower Upper
95 100
174 97.2 0.0 186.6
176 92.5 0.0 182.4

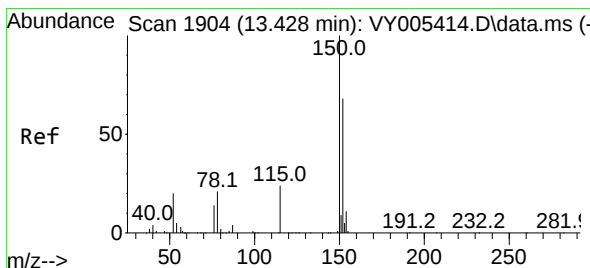
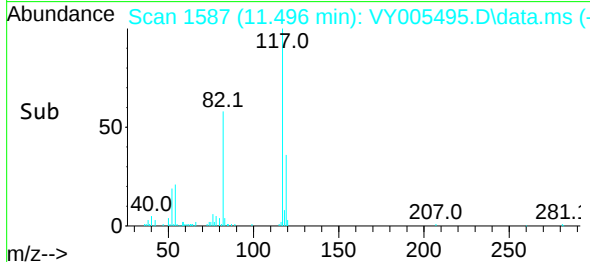
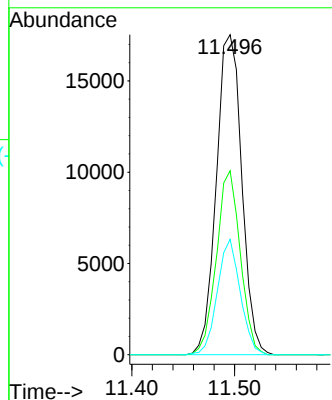
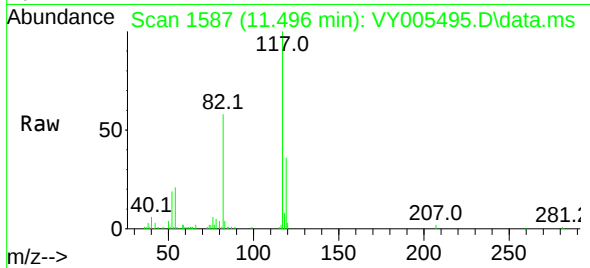




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY005495.D
Acq: 28 Jul 2021 17:29

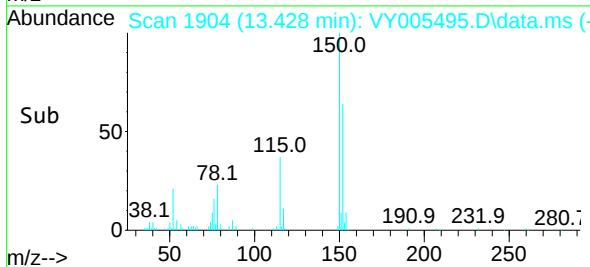
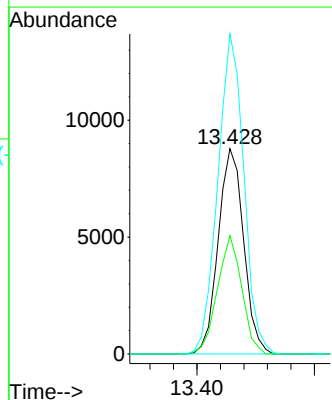
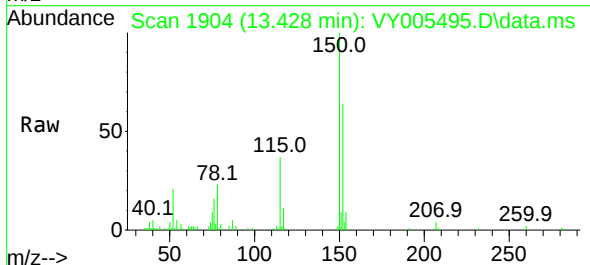
Instrument :
MSVOA_Y
ClientSampleId :
TP-8RE

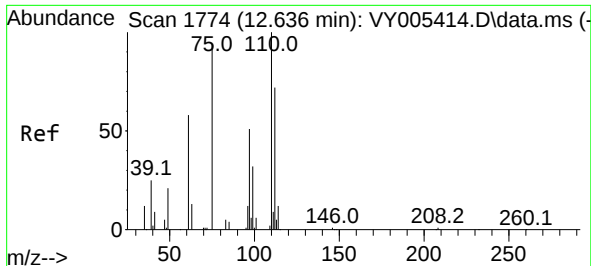
Tgt Ion:	117	Resp:	30095
Ion Ratio	Lower	Upper	
117	100		
82	57.5	43.8	65.6
119	36.1	24.8	37.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY005495.D
Acq: 28 Jul 2021 17:29

Tgt Ion:	152	Resp:	13192
Ion Ratio	Lower	Upper	
152	100		
115	55.2	27.7	83.1
150	159.8	0.0	349.6

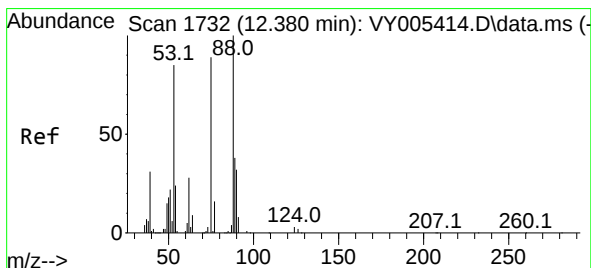
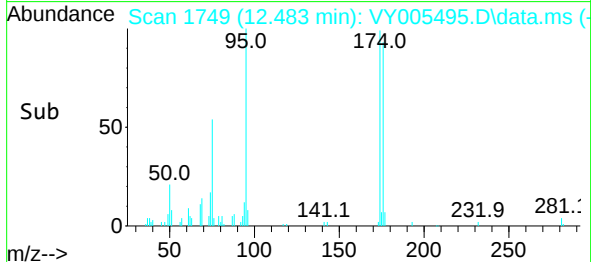
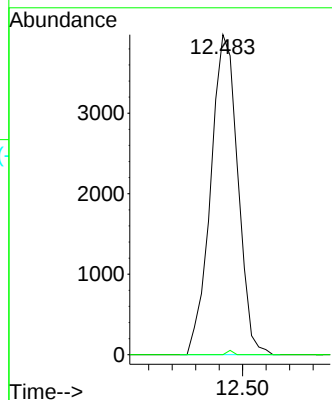
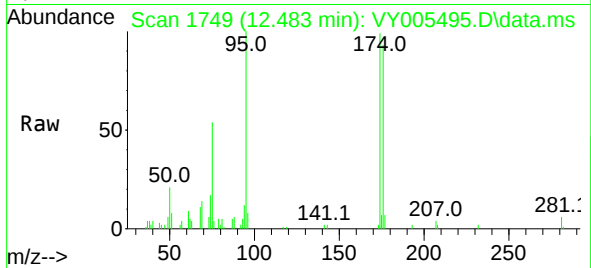




#76
1,2,3-Trichloropropane
Concen: 49.150 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY005495.D
Acq: 28 Jul 2021 17:29

Instrument :
MSVOA_Y
ClientSampled :
TP-8RE

Tgt Ion: 75 Resp: 6380
Ion Ratio Lower Upper
75 100
77 0.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 95.436 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY005495.D
Acq: 28 Jul 2021 17:29

Tgt Ion: 75 Resp: 6380
Ion Ratio Lower Upper
75 100
53 0.0 76.1 114.1#
89 0.0 36.9 55.3#

