

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070221\
 Data File : VY005348.D
 Acq On : 02 Jul 2021 17:52
 Operator : SY/MD
 Sample : M2926-01
 Misc : 5.08G/5ML/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-1

Quant Time: Jul 05 01:07:17 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062221S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 23 07:57:52 2021
 Response via : Initial Calibration

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

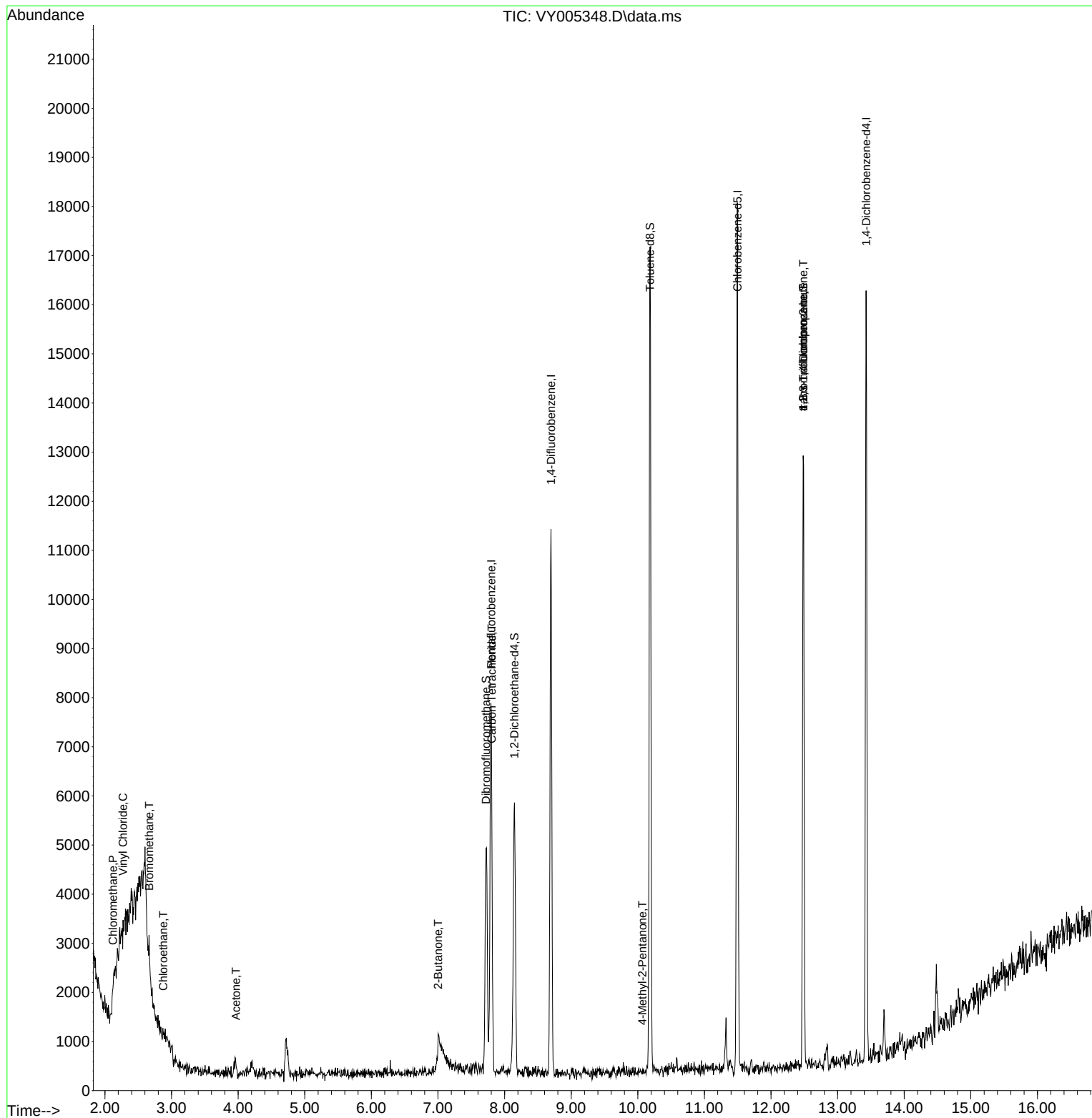
Internal Standards						
1) Pentafluorobenzene	7.801	168	6417	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	9661	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	10430	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	4513	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	4229	79.415	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 158.840%			
35) Dibromofluoromethane	7.722	113	3370	59.148	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 118.300%			
50) Toluene-d8	10.185	98	12003	52.679	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 105.360%			
62) 4-Bromofluorobenzene	12.483	95	3596	47.361	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 94.720%			
Target Compounds						Qvalue
3) Chloromethane	2.119	50	137	2.438	ug/l #	40
4) Vinyl Chloride	2.272	62	234	3.642	ug/l #	42
5) Bromomethane	2.662	94	131	3.214	ug/l	87
6) Chloroethane	2.875	64	87	2.071	ug/l #	42
16) Acetone	3.966	43	458	37.230	ug/l #	40
20) Methylene Chloride	4.716	84	521	Below Cal	#	91
25) 2-Butanone	7.002	43	42	2.341	ug/l #	43
38) Carbon Tetrachloride	7.807	117	609	6.839	ug/l #	12
51) 4-Methyl-2-Pentanone	10.069	43	52	1.232	ug/l #	32
76) 1,2,3-Trichloropropane	12.483	75	1751	43.747	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	1751	81.623	ug/l #	17

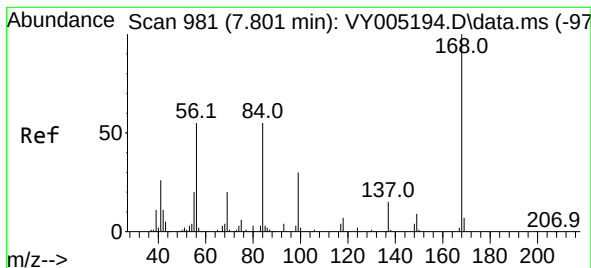
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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TP-1

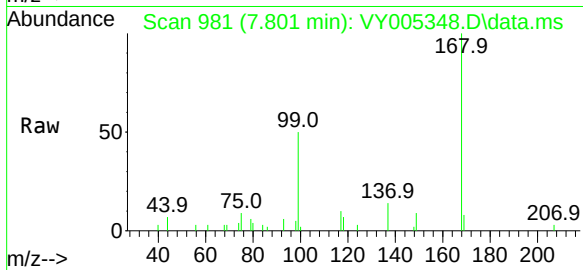
Quant Time: Jul 05 01:07:17 2021
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Quant Title : SW846 8260
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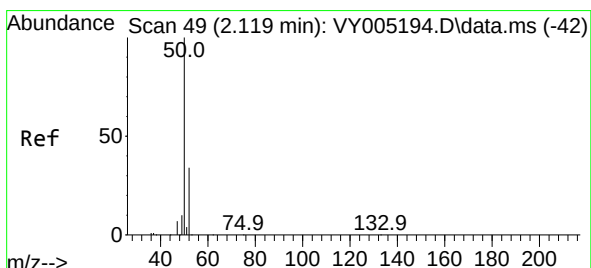
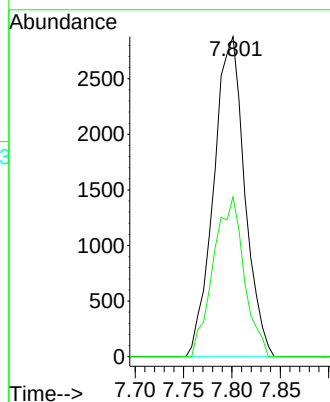
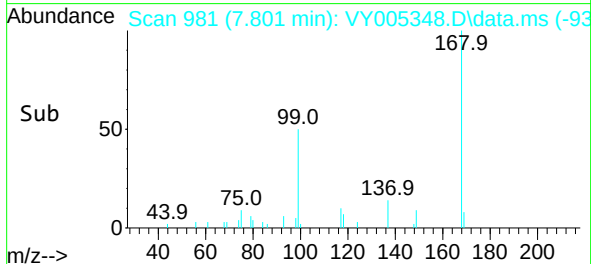


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY005348.D
Acq: 02 Jul 2021 17:52

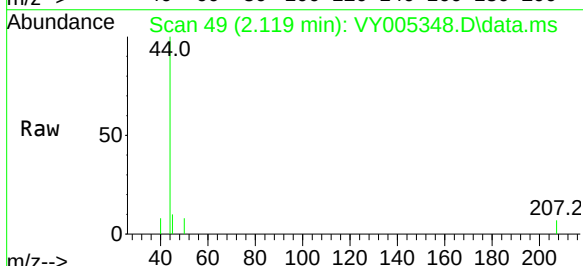
Instrument :
MSVOA_Y
ClientSampled :
TP-1



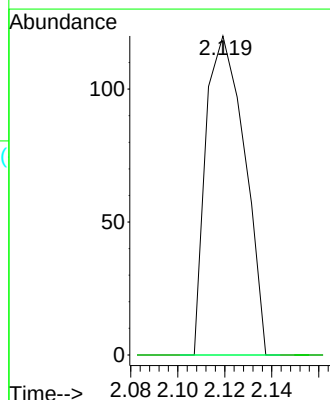
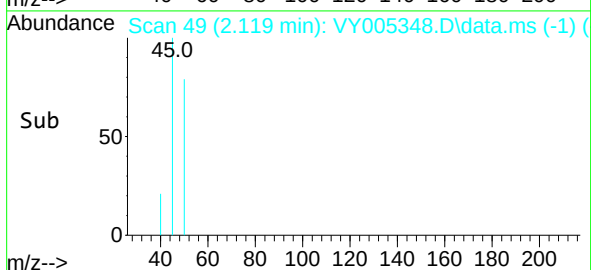
Tgt Ion:168 Resp: 6417
Ion Ratio Lower Upper
168 100
99 49.9 36.2 54.4

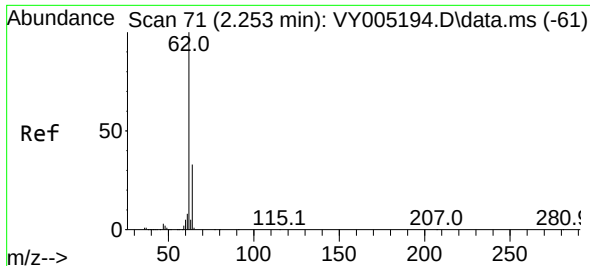


#3
Chloromethane
Concen: 2.438 ug/l
RT: 2.119 min Scan# 49
Delta R.T. 0.000 min
Lab File: VY005348.D
Acq: 02 Jul 2021 17:52



Tgt Ion: 50 Resp: 137
Ion Ratio Lower Upper
50 100
52 0.0 27.4 41.2#

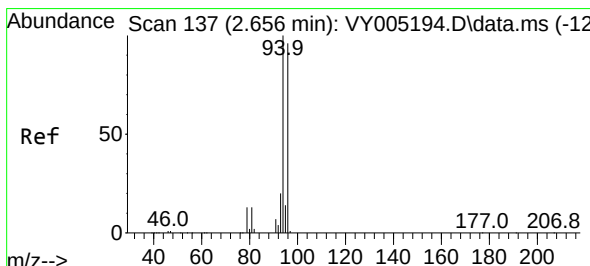
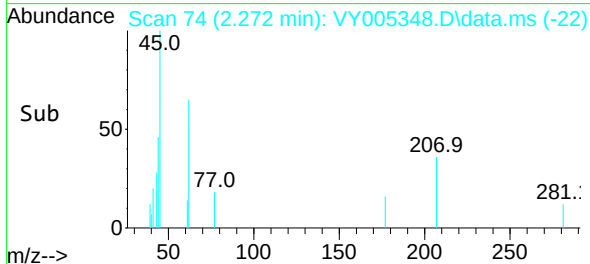
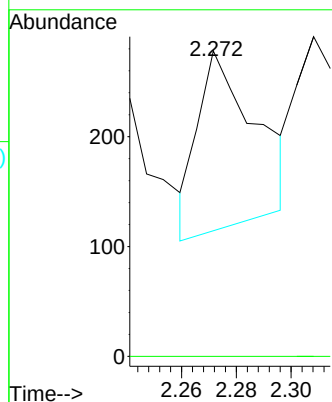
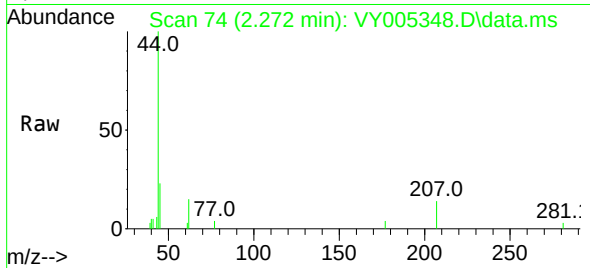




#4
 Vinyl Chloride
 Concen: 3.642 ug/l
 RT: 2.272 min Scan# 74
 Delta R.T. 0.018 min
 Lab File: VY005348.D
 Acq: 02 Jul 2021 17:52

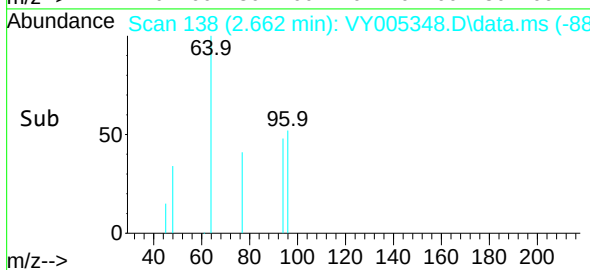
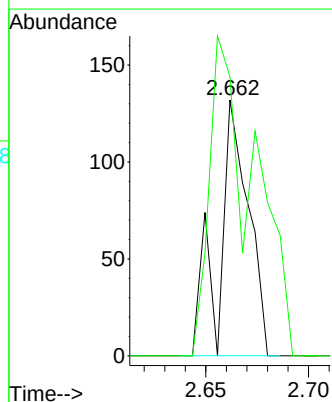
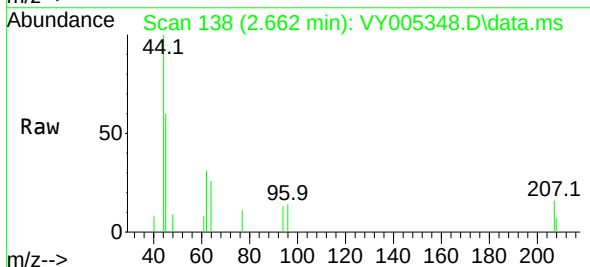
Instrument :
 MSVOA_Y
 ClientSampled :
 TP-1

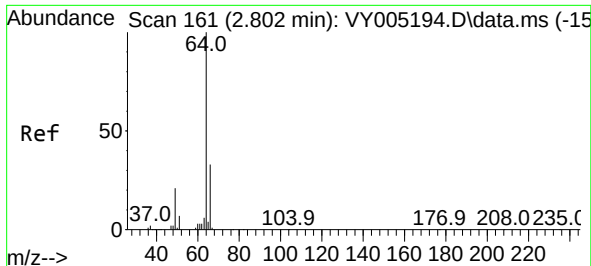
Tgt Ion: 62 Resp: 234
 Ion Ratio Lower Upper
 62 100
 64 0.0 26.1 39.1#



#5
 Bromomethane
 Concen: 3.214 ug/l
 RT: 2.662 min Scan# 138
 Delta R.T. 0.006 min
 Lab File: VY005348.D
 Acq: 02 Jul 2021 17:52

Tgt Ion: 94 Resp: 131
 Ion Ratio Lower Upper
 94 100
 96 109.1 76.9 115.3

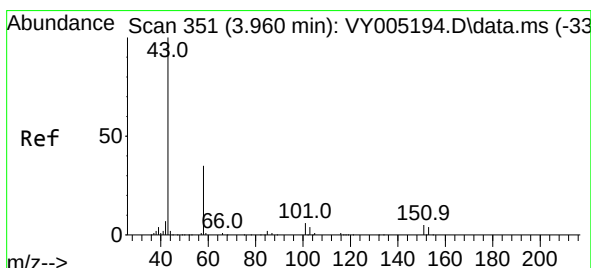
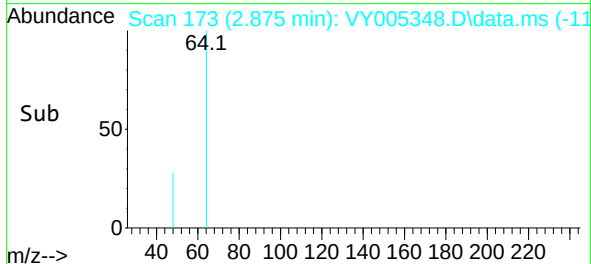
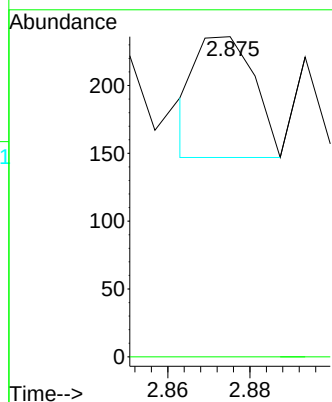
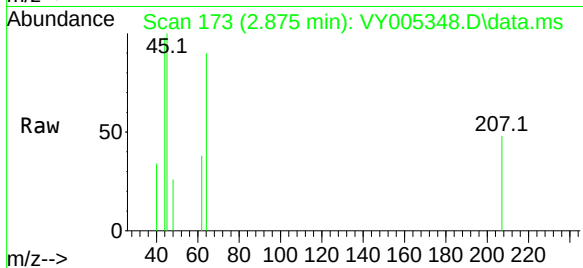




#6
Chloroethane
Concen: 2.071 ug/l
RT: 2.875 min Scan# 173
Delta R.T. 0.073 min
Lab File: VY005348.D
Acq: 02 Jul 2021 17:52

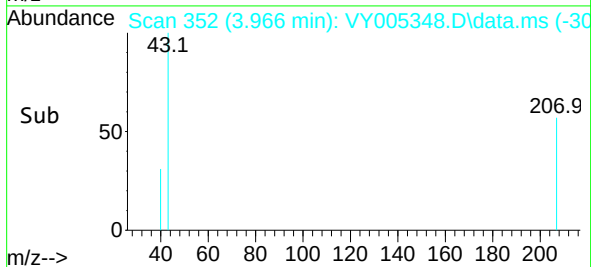
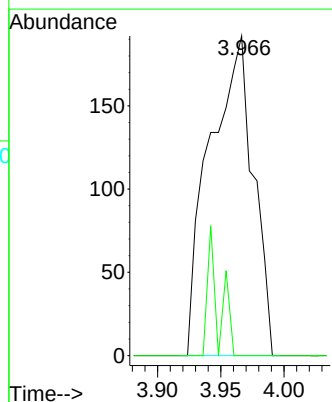
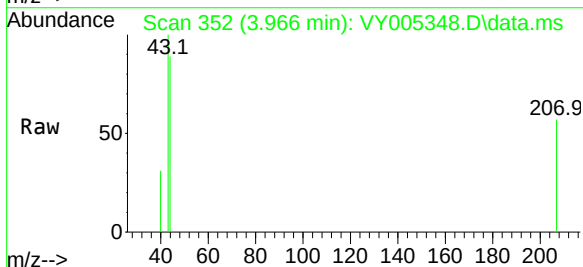
Instrument :
MSVOA_Y
ClientSampleId :
TP-1

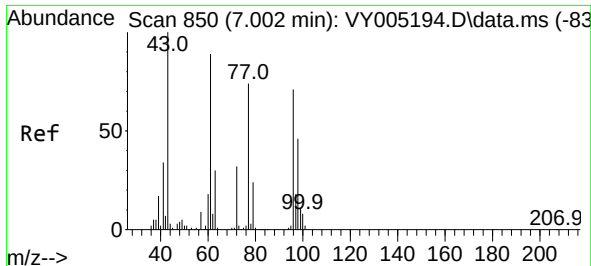
Tgt Ion: 64 Resp: 87
Ion Ratio Lower Upper
64 100
66 0.0 25.9 38.9#



#16
Acetone
Concen: 37.230 ug/l
RT: 3.966 min Scan# 352
Delta R.T. 0.006 min
Lab File: VY005348.D
Acq: 02 Jul 2021 17:52

Tgt Ion: 43 Resp: 458
Ion Ratio Lower Upper
43 100
58 0.0 28.2 42.2#

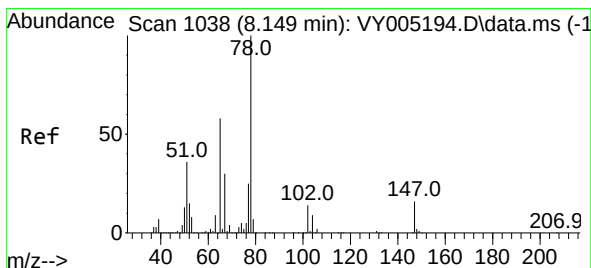
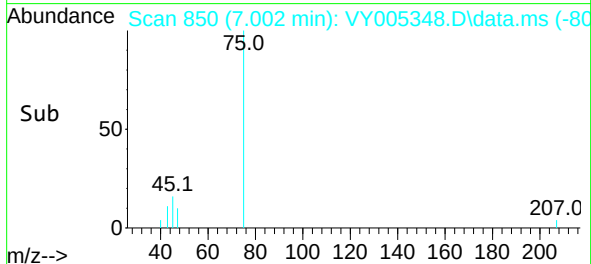
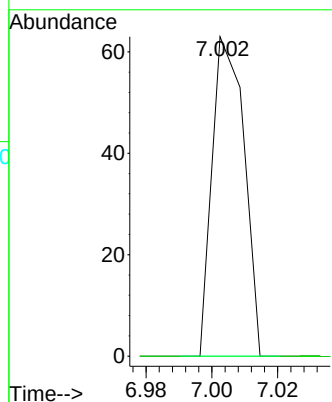
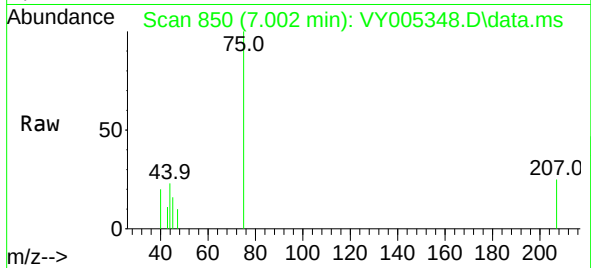




#25
2-Butanone
Concen: 2.341 ug/l
RT: 7.002 min Scan# 850
Delta R.T. 0.000 min
Lab File: VY005348.D
Acq: 02 Jul 2021 17:52

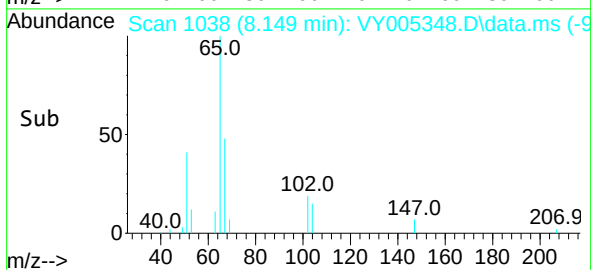
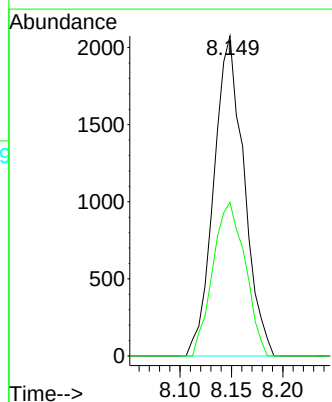
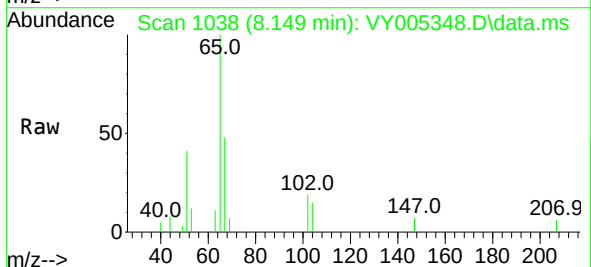
Instrument :
MSVOA_Y
ClientSampled :
TP-1

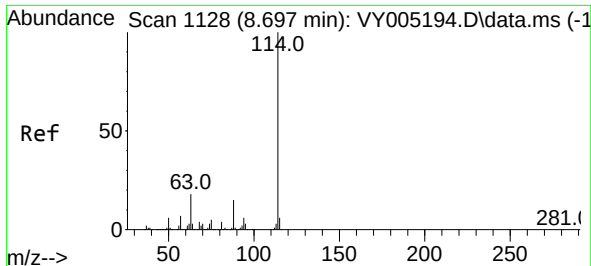
Tgt Ion: 43 Resp: 42
Ion Ratio Lower Upper
43 100
72 0.0 25.3 37.9#



#33
1,2-Dichloroethane-d4
Concen: 79.415 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY005348.D
Acq: 02 Jul 2021 17:52

Tgt Ion: 65 Resp: 4229
Ion Ratio Lower Upper
65 100
67 51.5 0.0 110.6

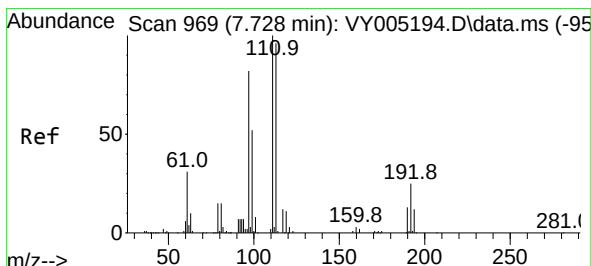
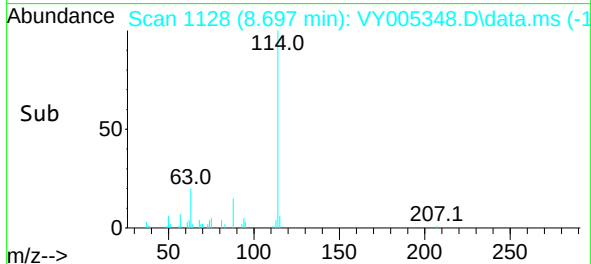
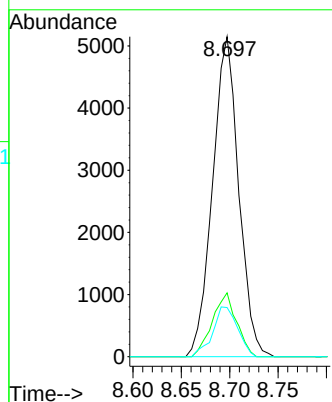
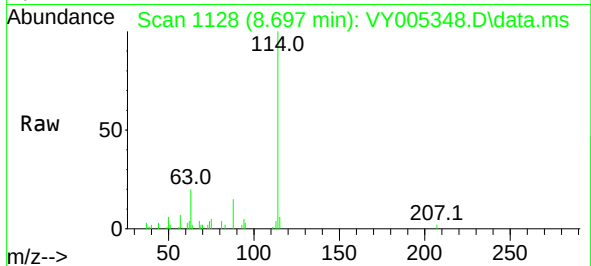




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY005348.D
Acq: 02 Jul 2021 17:52

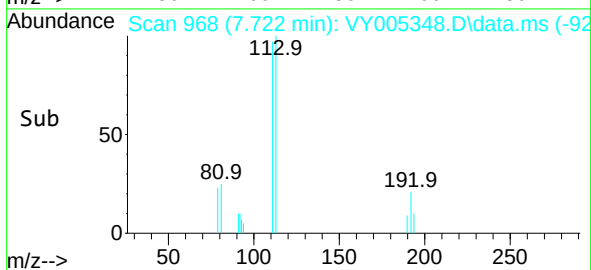
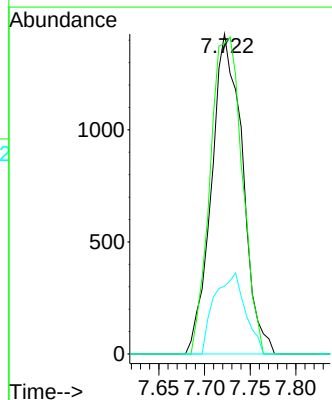
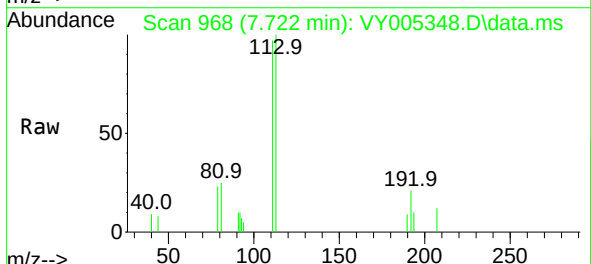
Instrument :
MSVOA_Y
ClientSampled :
TP-1

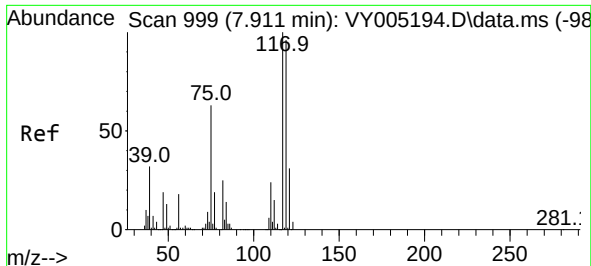
Tgt Ion:	114	Resp:	9661
Ion	Ratio	Lower	Upper
114	100		
63	19.9	0.0	35.2
88	15.4	0.0	29.4



#35
Dibromofluoromethane
Concen: 59.148 ug/l
RT: 7.722 min Scan# 968
Delta R.T. -0.006 min
Lab File: VY005348.D
Acq: 02 Jul 2021 17:52

Tgt Ion:	113	Resp:	3370
Ion	Ratio	Lower	Upper
113	100		
111	102.5	82.6	124.0
192	25.0	20.2	30.2

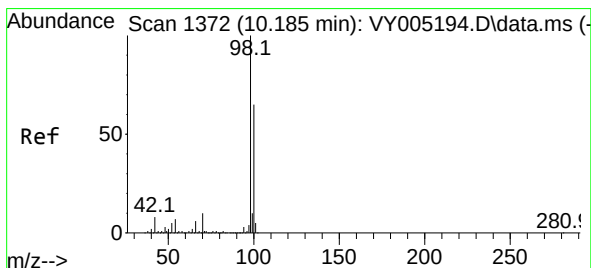
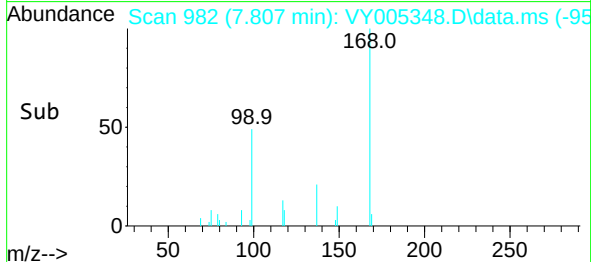
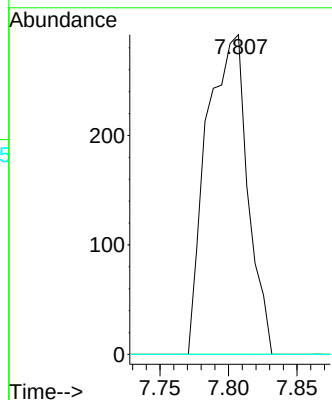
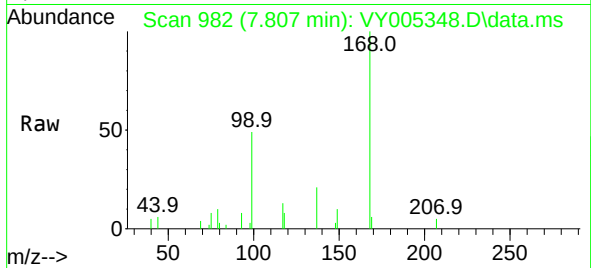




#38
Carbon Tetrachloride
Concen: 6.839 ug/l
RT: 7.807 min Scan# 982
Delta R.T. -0.104 min
Lab File: VY005348.D
Acq: 02 Jul 2021 17:52

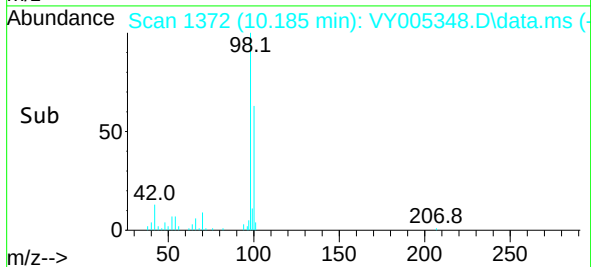
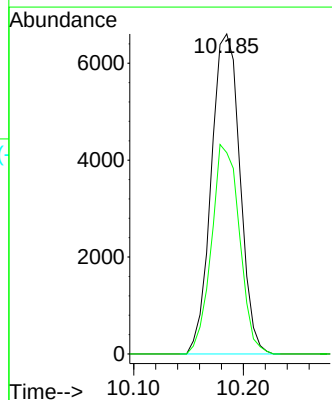
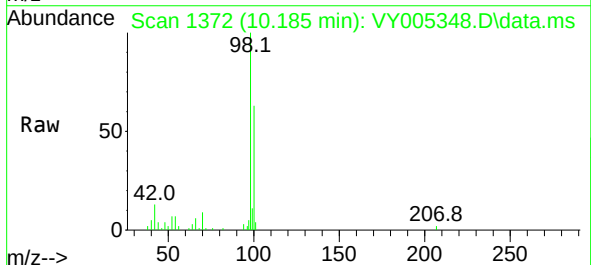
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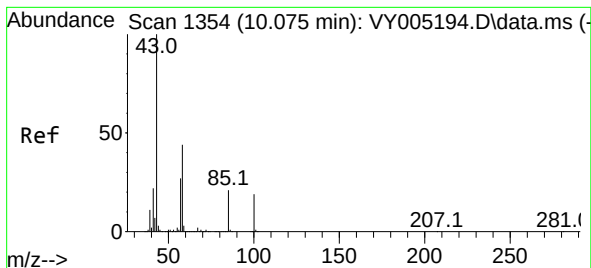
Tgt Ion:117 Resp: 609
Ion Ratio Lower Upper
117 100
119 0.0 76.2 114.4#
121 0.0 24.7 37.1#



#50
Toluene-d8
Concen: 52.679 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY005348.D
Acq: 02 Jul 2021 17:52

Tgt Ion: 98 Resp: 12003
Ion Ratio Lower Upper
98 100
100 63.8 51.9 77.9

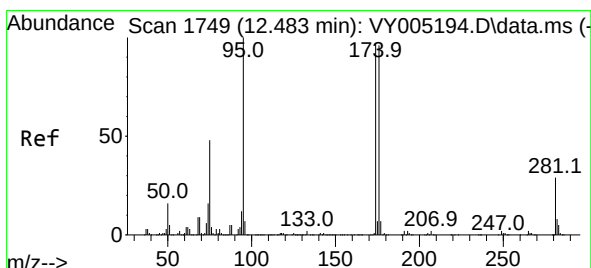
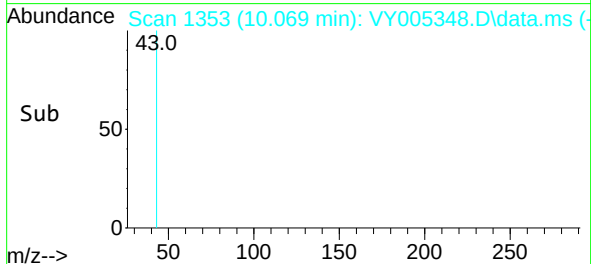
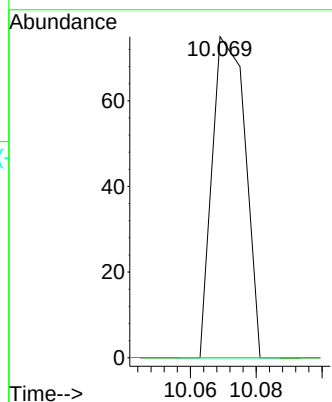
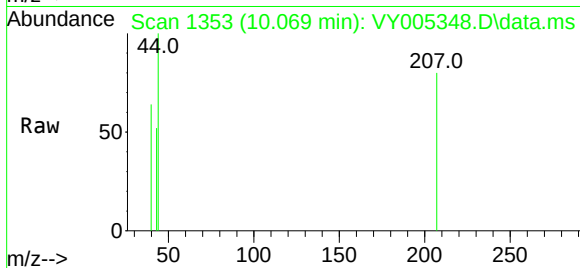




#51
4-Methyl-2-Pentanone
Concen: 1.232 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. -0.006 min
Lab File: VY005348.D
Acq: 02 Jul 2021 17:52

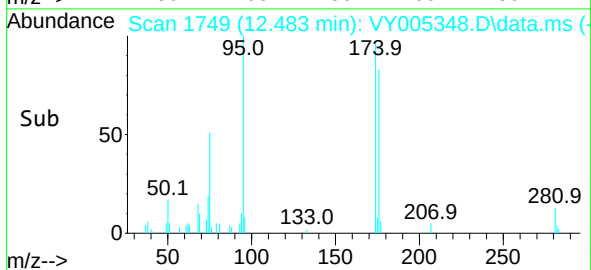
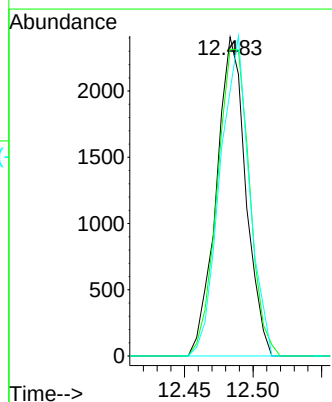
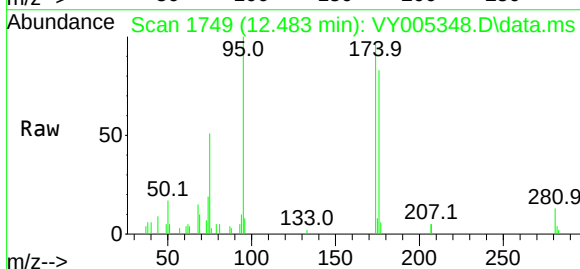
Instrument :
MSVOA_Y
ClientSampled :
TP-1

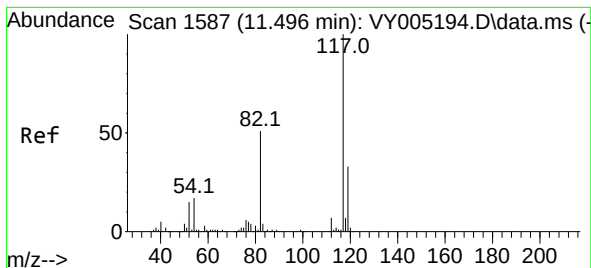
Tgt Ion: 43 Resp: 52
Ion Ratio Lower Upper
43 100
58 0.0 35.3 52.9#



#62
4-Bromofluorobenzene
Concen: 47.361 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY005348.D
Acq: 02 Jul 2021 17:52

Tgt Ion: 95 Resp: 3596
Ion Ratio Lower Upper
95 100
174 104.9 0.0 201.6
176 99.3 0.0 197.4

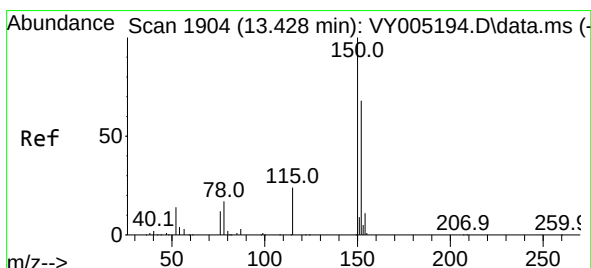
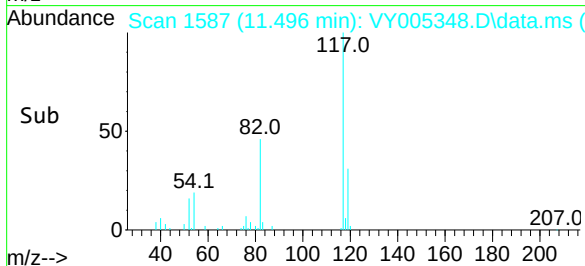
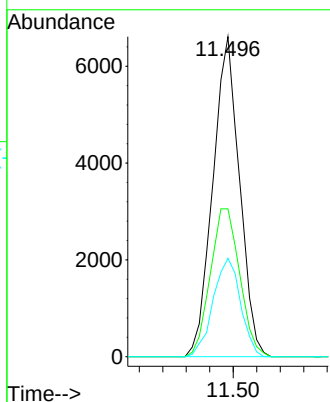
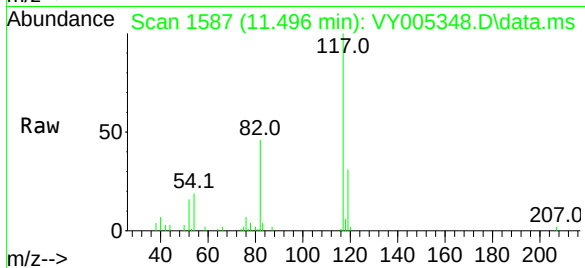




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY005348.D
Acq: 02 Jul 2021 17:52

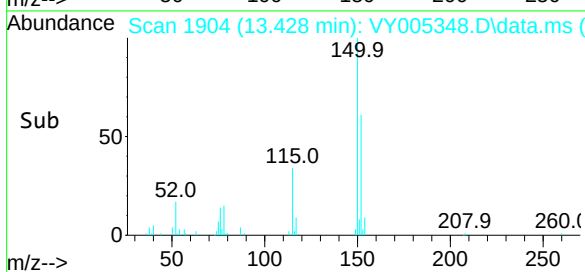
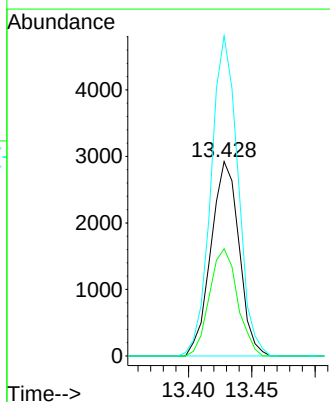
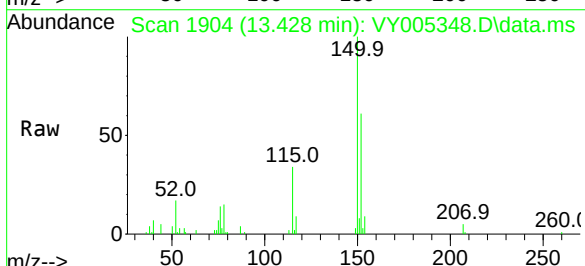
Instrument :
MSVOA_Y
ClientSampled :
TP-1

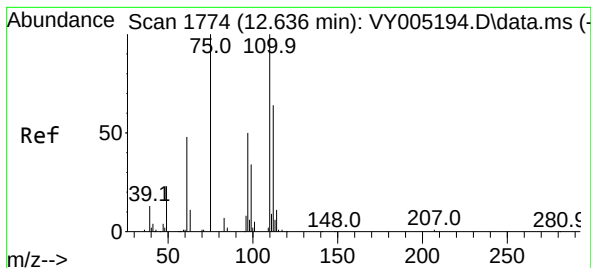
Tgt Ion:	117	Resp:	10430
Ion	Ratio	Lower	Upper
117	100		
82	46.2	40.6	60.8
119	30.8	26.1	39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY005348.D
Acq: 02 Jul 2021 17:52

Tgt Ion:	152	Resp:	4513
Ion	Ratio	Lower	Upper
152	100		
115	54.8	26.3	78.8
150	158.1	0.0	344.2

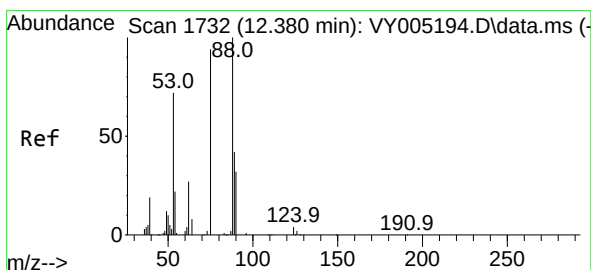
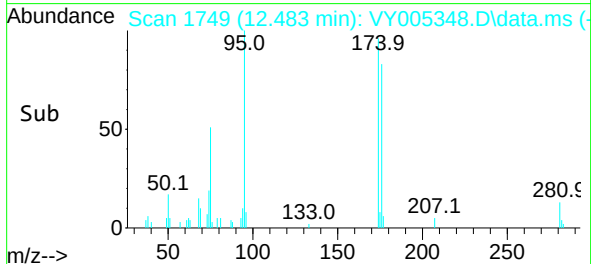
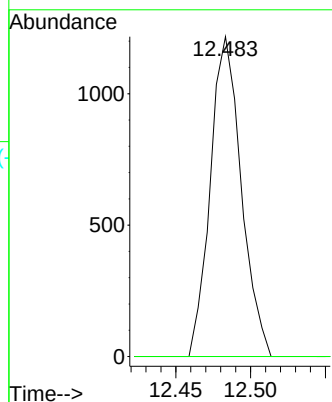
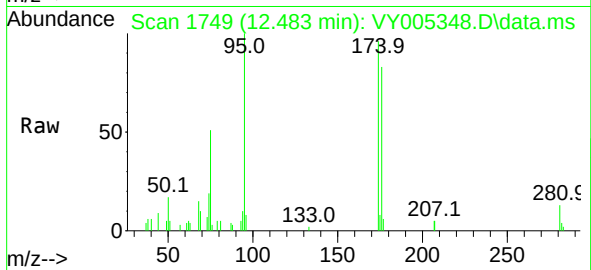




#76
1,2,3-Trichloropropane
Concen: 43.747 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY005348.D
Acq: 02 Jul 2021 17:52

Instrument :
MSVOA_Y
ClientSampled :
TP-1

Tgt Ion: 75 Resp: 1751
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0



#81
trans-1,4-Dichloro-2-butene
Concen: 81.623 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY005348.D
Acq: 02 Jul 2021 17:52

Tgt Ion: 75 Resp: 1751
Ion Ratio Lower Upper
75 100
53 0.0 63.0 94.4#
89 0.0 38.0 57.0#

