

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011221\
 Data File : VY003899.D
 Acq On : 12 Jan 2021 13:34
 Operator : SY/MD
 Sample : VY0112SBL01
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0112SBL01

Quant Time: Jan 13 02:32:07 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011221S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 12 11:47:10 2021
 Response via : Initial Calibration

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

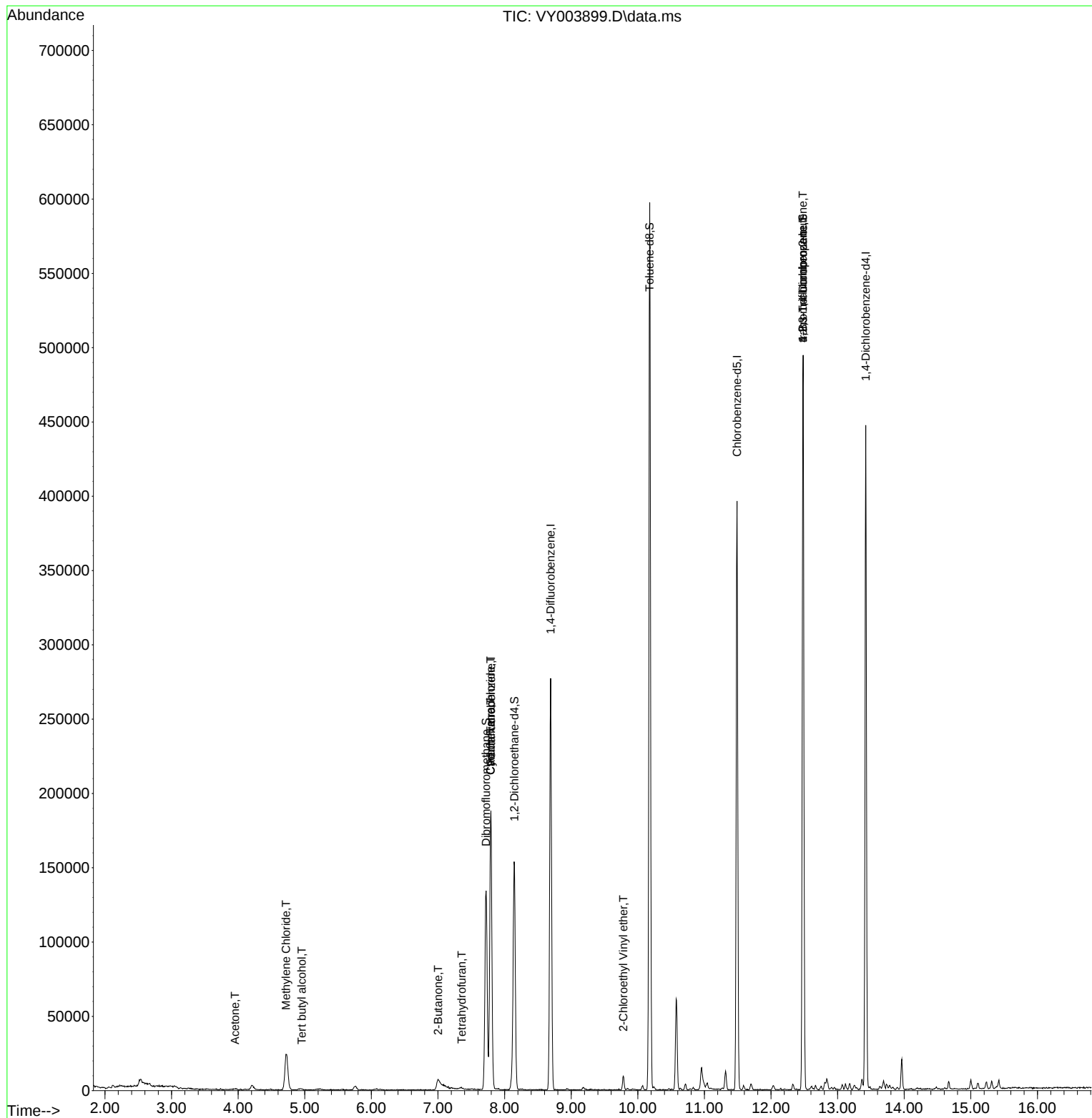
Internal Standards						
1) Pentafluorobenzene	7.795	168	146158	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	215991	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	200451	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	103824	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	116398	51.27	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 102.54%			
35) Dibromofluoromethane	7.721	113	90088	51.04	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 102.08%			
50) Toluene-d8	10.178	98	365681	51.12	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 102.24%			
62) 4-Bromofluorobenzene	12.477	95	126924	48.58	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 97.16%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.912	85	275	Below Cal		87
3) Chloromethane	2.119	50	1487	Below Cal		98
11) Tert butyl alcohol	4.954	59	1139	4.83 ug/l #		73
16) Acetone	3.954	43	1369	2.44 ug/l #		75
20) Methylene Chloride	4.716	84	16912	8.04 ug/l #		89
25) 2-Butanone	7.002	43	1433	1.64 ug/l #		49
29) Tetrahydrofuran	7.356	42	704	1.20 ug/l #		56
31) Cyclohexane	7.789	56	4168	1.09 ug/l #		47
38) Carbon Tetrachloride	7.789	117	13927	4.45 ug/l #		15
58) 2-Chloroethyl Vinyl ether	9.782	63	3758	3.18 ug/l		100
76) 1,2,3-Trichloropropane	12.477	75	73479	52.34 ug/l #		100
81) trans-1,4-Dichloro-2-b...	12.477	75	73479	99.36 ug/l #		3

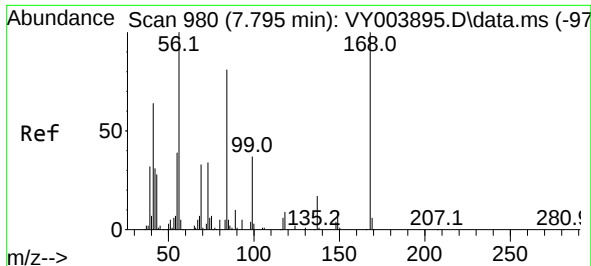
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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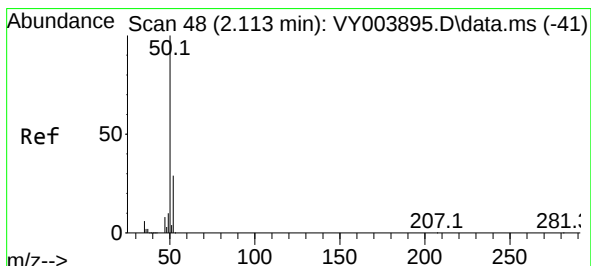
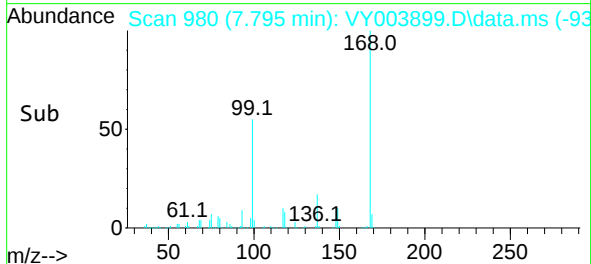
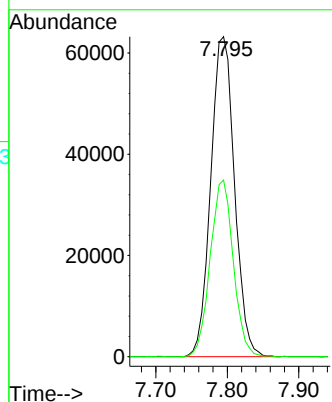
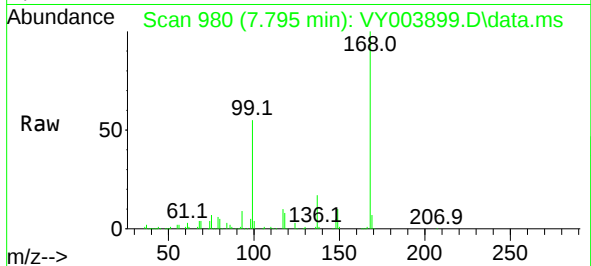




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.000 min
Lab File: VY003899.D
Acq: 12 Jan 2021 13:34

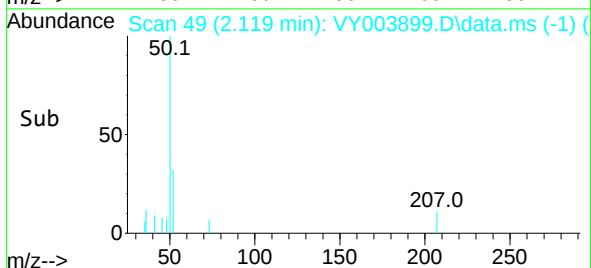
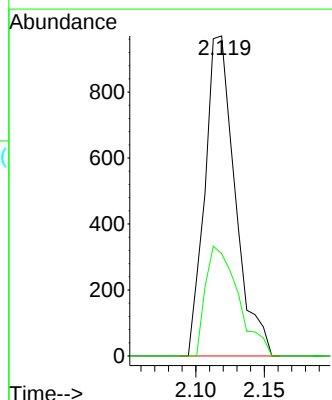
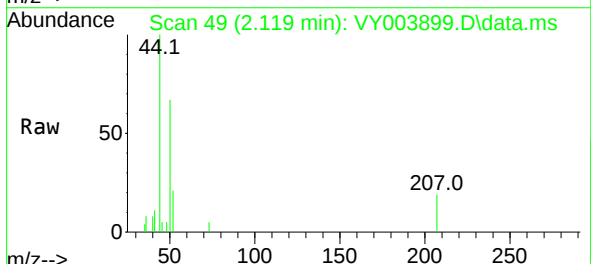
Instrument :
MSVOA_Y
ClientSampleId :
VY0112SBL01

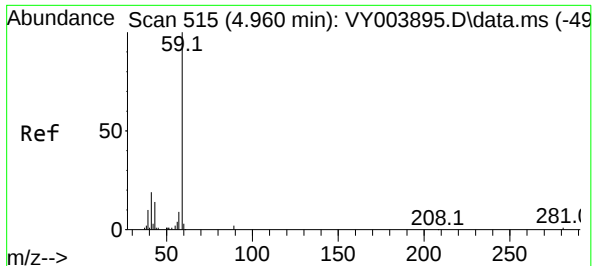
Tgt Ion:168 Resp: 146158
Ion Ratio Lower Upper
168 100
99 55.2 40.4 60.6



#3
Chloromethane
Concen: Below Cal
RT: 2.119 min Scan# 49
Delta R.T. 0.006 min
Lab File: VY003899.D
Acq: 12 Jan 2021 13:34

Tgt Ion: 50 Resp: 1487
Ion Ratio Lower Upper
50 100
52 32.0 26.6 40.0



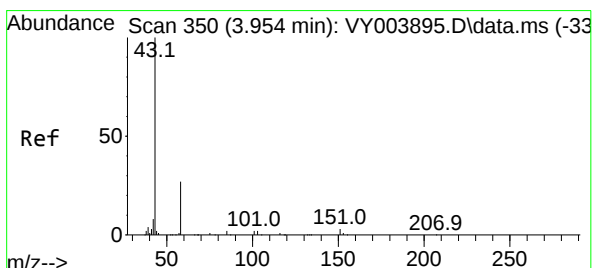
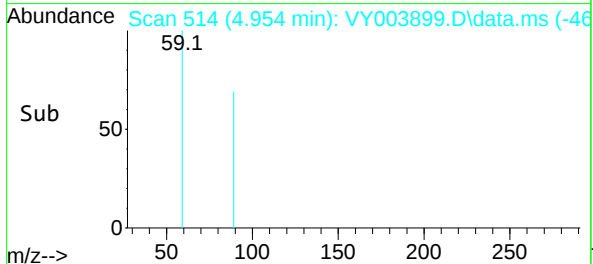
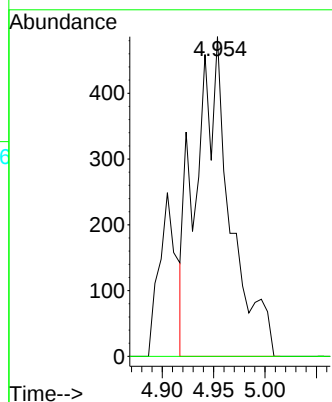
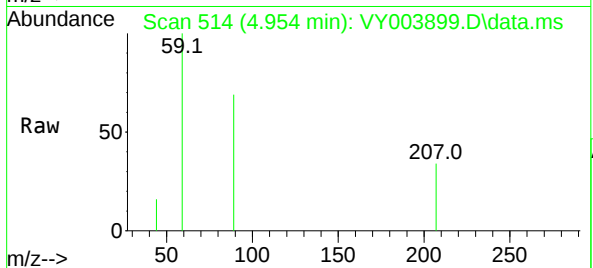


#11

Tert butyl alcohol
Concen: 4.83 ug/l
RT: 4.954 min Scan# 514
Delta R.T. -0.006 min
Lab File: VY003899.D
Acq: 12 Jan 2021 13:34

Instrument :
MSVOA_Y
ClientSampleId :
VY0112SBL01

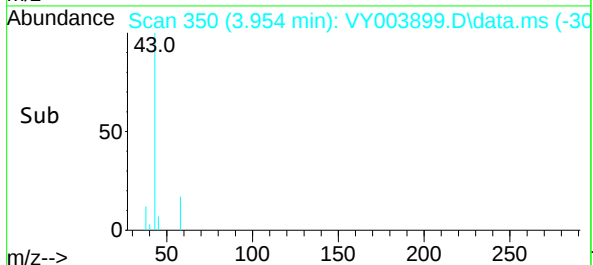
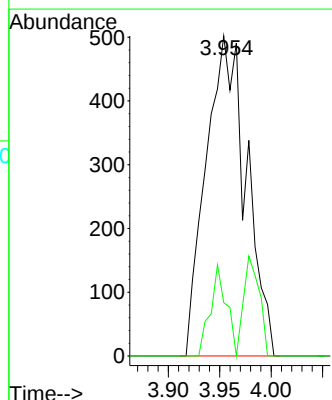
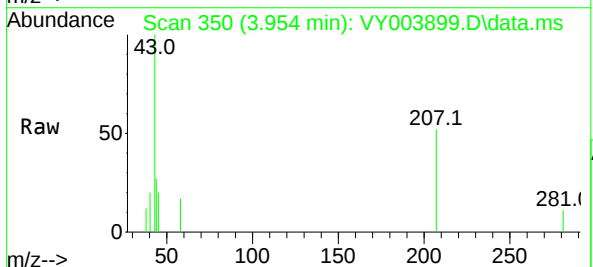
Tgt Ion: 59 Resp: 1139
Ion Ratio Lower Upper
59 100
57 0.0 7.9 11.9#

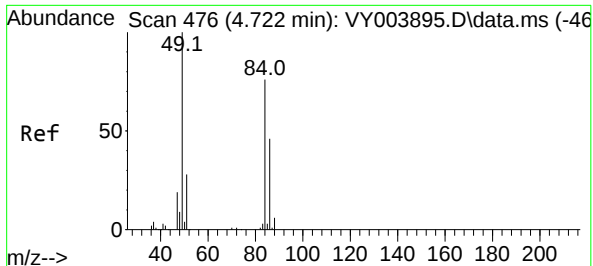


#16

Acetone
Concen: 2.44 ug/l
RT: 3.954 min Scan# 350
Delta R.T. -0.000 min
Lab File: VY003899.D
Acq: 12 Jan 2021 13:34

Tgt Ion: 43 Resp: 1369
Ion Ratio Lower Upper
43 100
58 16.7 24.5 36.7#

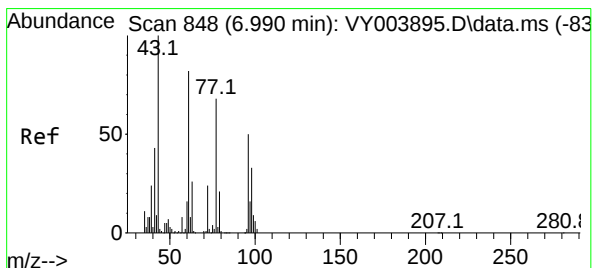
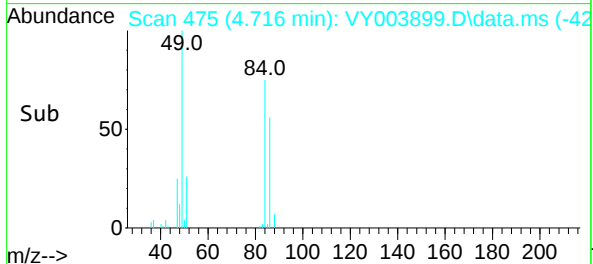
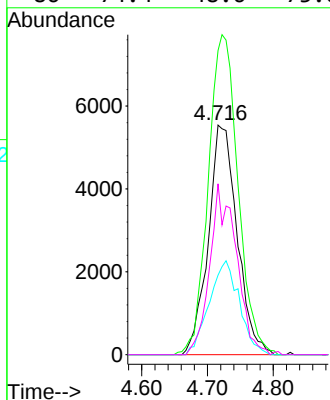
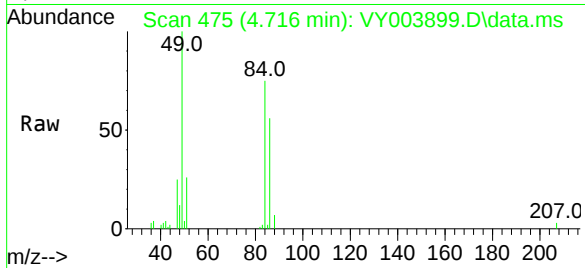




#20
Methylene Chloride
Concen: 8.04 ug/l
RT: 4.716 min Scan# 475
Delta R.T. -0.006 min
Lab File: VY003899.D
Acq: 12 Jan 2021 13:34

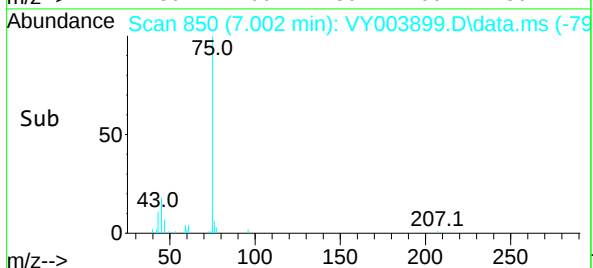
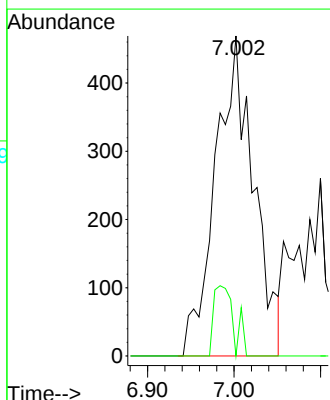
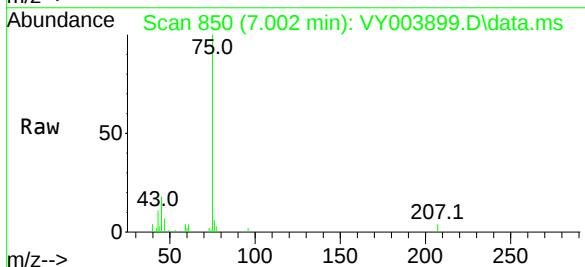
Instrument :
MSVOA_Y
ClientSampleId :
VY0112SBL01

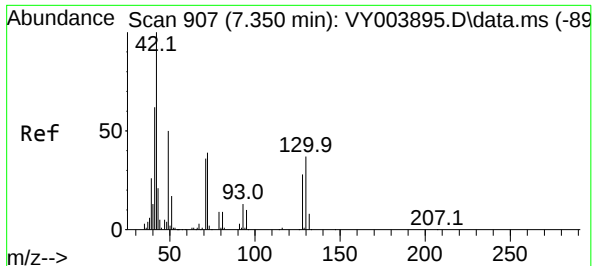
Tgt Ion: 84 Resp: 16912
Ion Ratio Lower Upper
84 100
49 132.5 98.0 147.0
51 34.6 30.5 45.7
86 74.4 48.6 73.0#



#25
2-Butanone
Concen: 1.64 ug/l
RT: 7.002 min Scan# 850
Delta R.T. 0.012 min
Lab File: VY003899.D
Acq: 12 Jan 2021 13:34

Tgt Ion: 43 Resp: 1433
Ion Ratio Lower Upper
43 100
72 0.0 21.0 31.6#





#29

Tetrahydrofuran

Concen: 1.20 ug/l

RT: 7.356 min Scan# 908

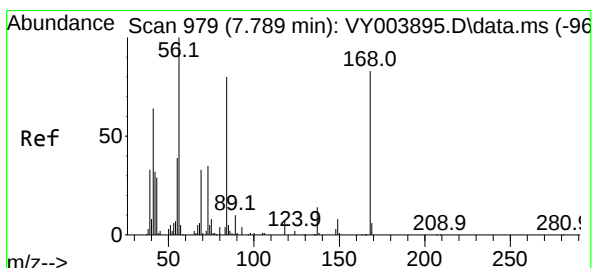
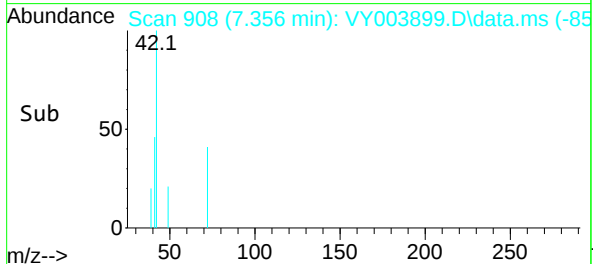
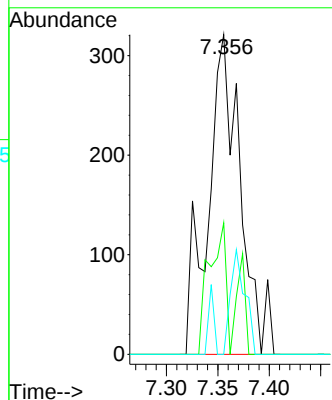
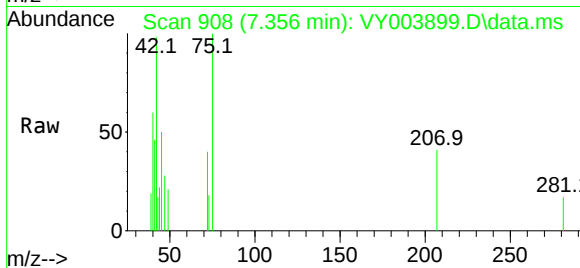
Delta R.T. 0.006 min

Lab File: VY003899.D

Acq: 12 Jan 2021 13:34

Tgt Ion:	42	Resp:	704
Ion	Ratio	Lower	Upper
42	100		
72	21.4	32.3	48.5#
71	3.7	31.0	46.6#

Instrument :
MSVOA_Y
ClientSampleId :
VY0112SBL01



#31

Cyclohexane

Concen: 1.09 ug/l

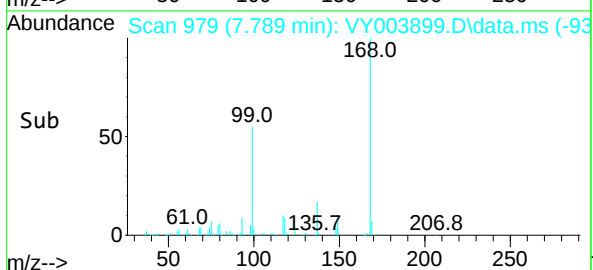
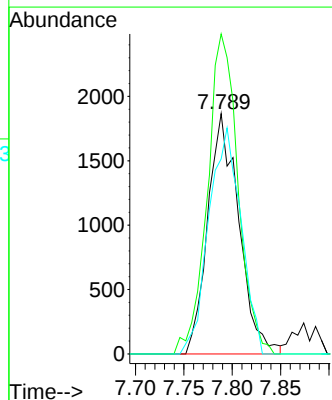
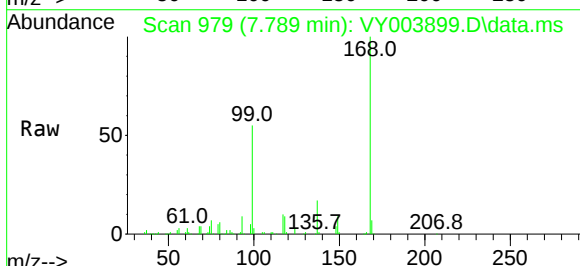
RT: 7.789 min Scan# 979

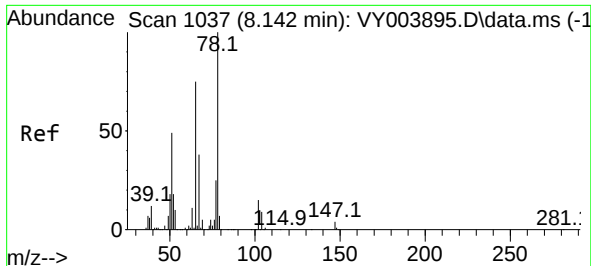
Delta R.T. -0.000 min

Lab File: VY003899.D

Acq: 12 Jan 2021 13:34

Tgt Ion:	56	Resp:	4168
Ion	Ratio	Lower	Upper
56	100		
69	133.2	26.2	39.2#
84	81.1	68.2	102.2

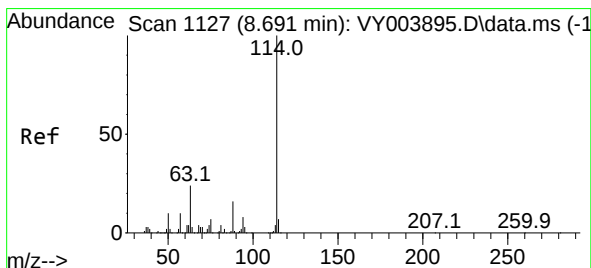
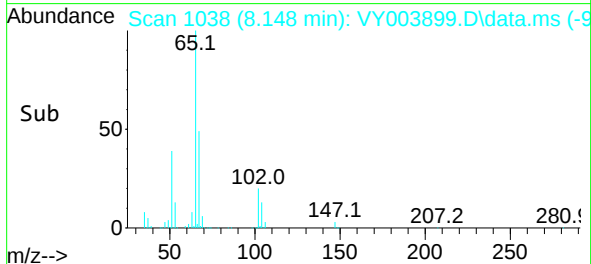
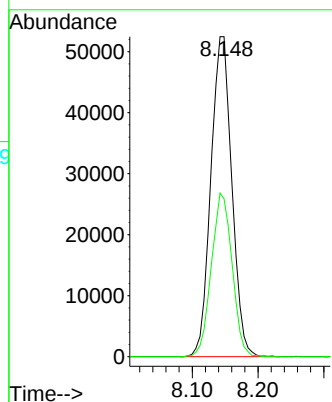
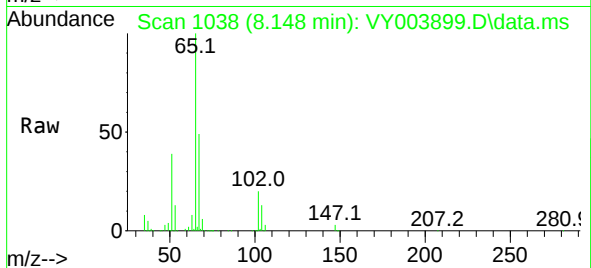




#33
 1,2-Dichloroethane-d4
 Concen: 51.27 ug/l
 RT: 8.148 min Scan# 1038
 Delta R.T. 0.006 min
 Lab File: VY003899.D
 Acq: 12 Jan 2021 13:34

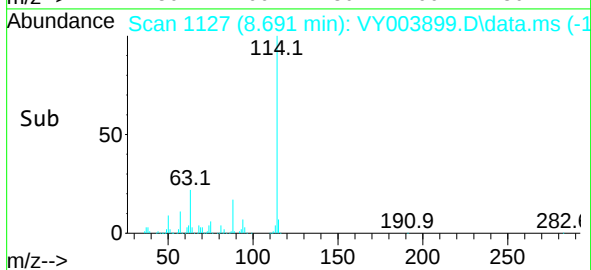
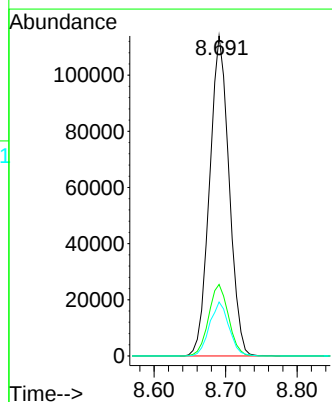
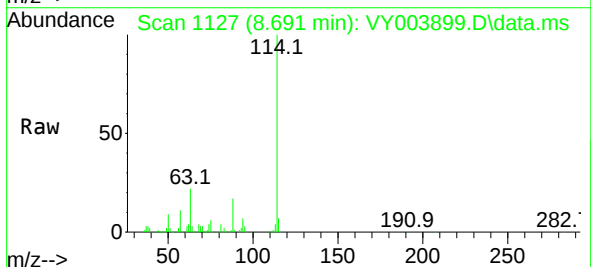
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0112SBL01

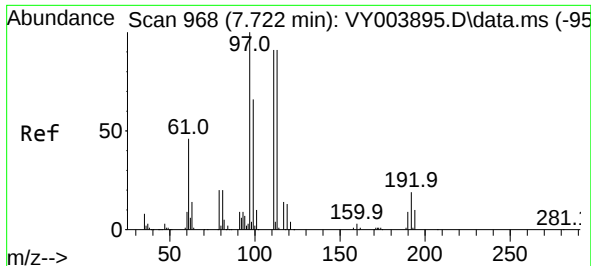
Tgt Ion: 65 Resp: 116398
 Ion Ratio Lower Upper
 65 100
 67 50.5 0.0 102.2



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.691 min Scan# 1127
 Delta R.T. -0.000 min
 Lab File: VY003899.D
 Acq: 12 Jan 2021 13:34

Tgt Ion: 114 Resp: 215991
 Ion Ratio Lower Upper
 114 100
 63 22.3 0.0 38.8
 88 16.8 0.0 31.4

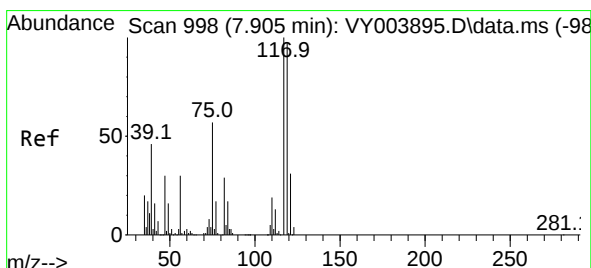
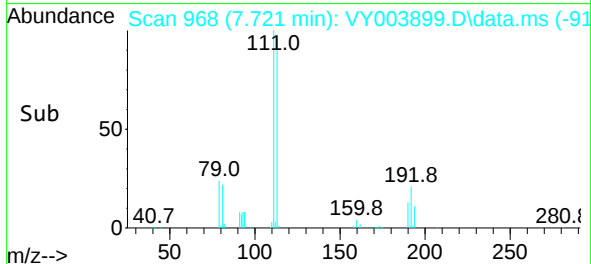
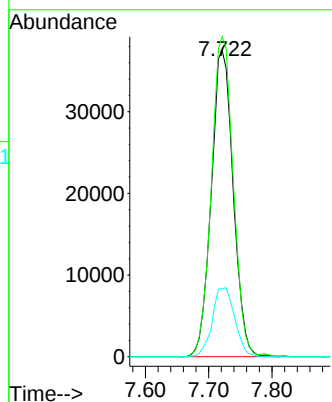
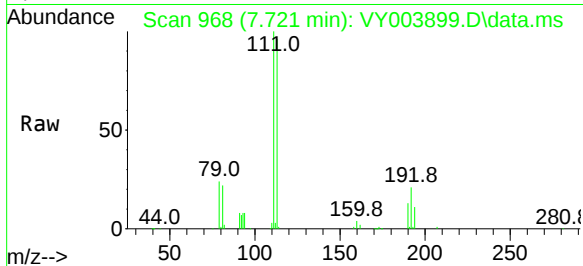




#35
Dibromofluoromethane
Concen: 51.04 ug/l
RT: 7.721 min Scan# 968
Delta R.T. -0.000 min
Lab File: VY003899.D
Acq: 12 Jan 2021 13:34

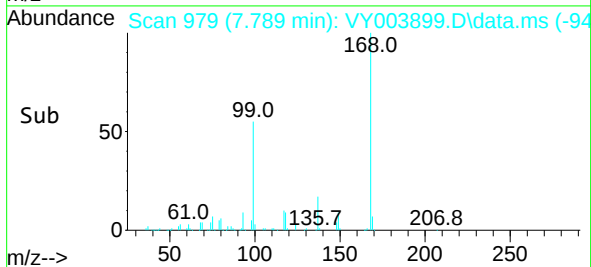
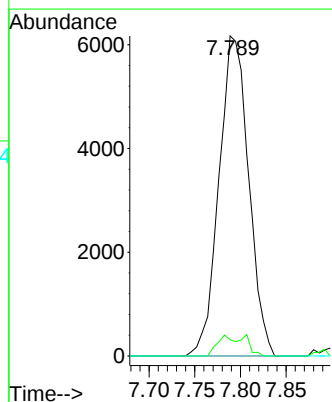
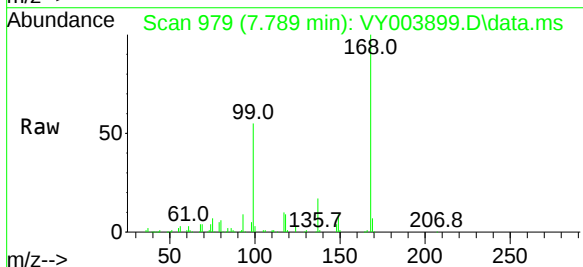
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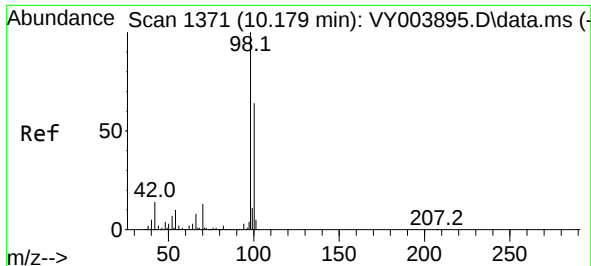
Tgt Ion:113 Resp: 90088
Ion Ratio Lower Upper
113 100
111 104.7 83.0 124.6
192 23.1 19.8 29.6



#38
Carbon Tetrachloride
Concen: 4.45 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.116 min
Lab File: VY003899.D
Acq: 12 Jan 2021 13:34

Tgt Ion:117 Resp: 13927
Ion Ratio Lower Upper
117 100
119 5.0 78.6 118.0#
121 0.0 25.8 38.6#

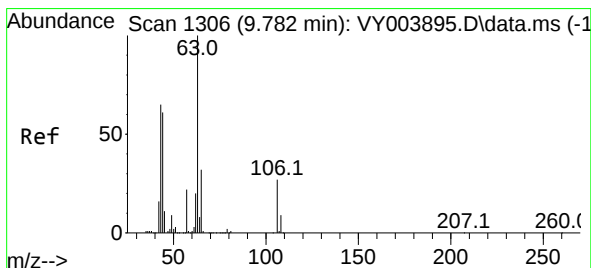
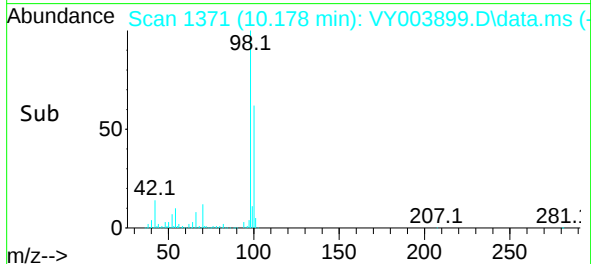
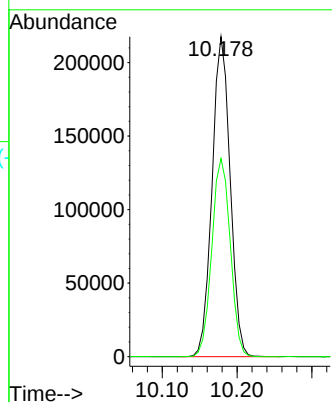
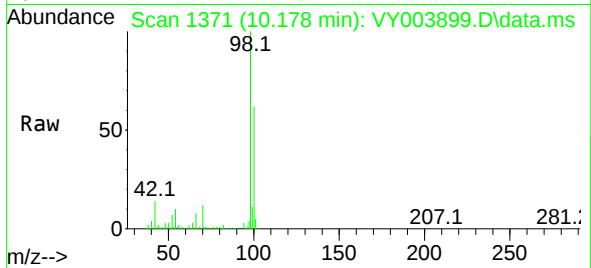




#50
Toluene-d8
Concen: 51.12 ug/l
RT: 10.178 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY003899.D
Acq: 12 Jan 2021 13:34

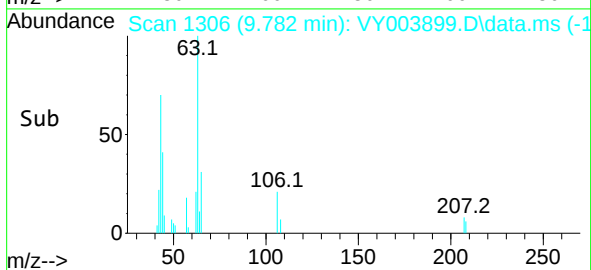
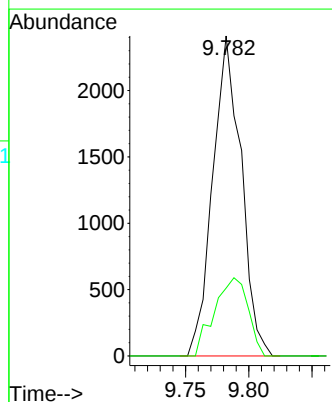
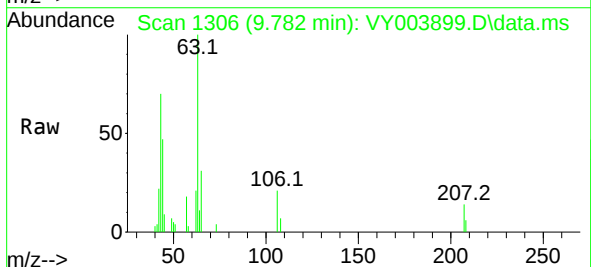
Instrument :
MSVOA_Y
ClientSampleId :
VY0112SBL01

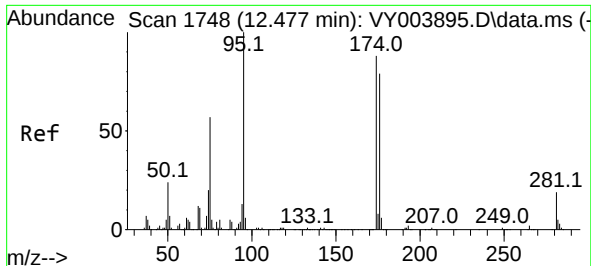
Tgt Ion: 98 Resp: 365681
Ion Ratio Lower Upper
98 100
100 63.1 51.4 77.0



#58
2-Chloroethyl Vinyl ether
Concen: 3.18 ug/l
RT: 9.782 min Scan# 1306
Delta R.T. -0.000 min
Lab File: VY003899.D
Acq: 12 Jan 2021 13:34

Tgt Ion: 63 Resp: 3758
Ion Ratio Lower Upper
63 100
106 29.0 23.1 34.7

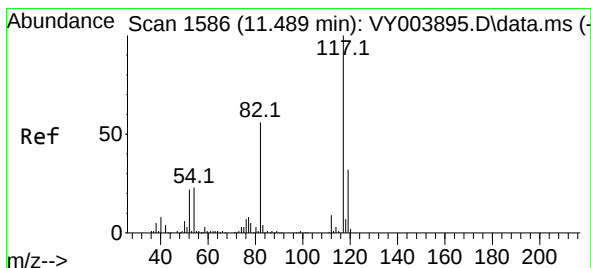
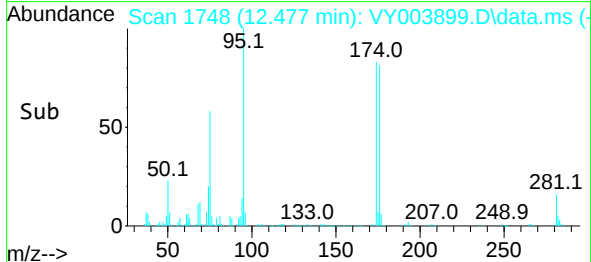
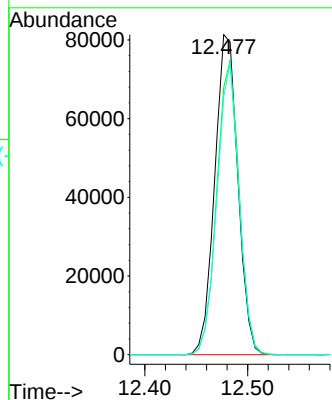
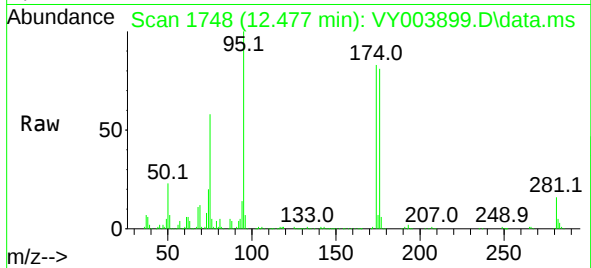




#62
4-Bromofluorobenzene
Concen: 48.58 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY003899.D
Acq: 12 Jan 2021 13:34

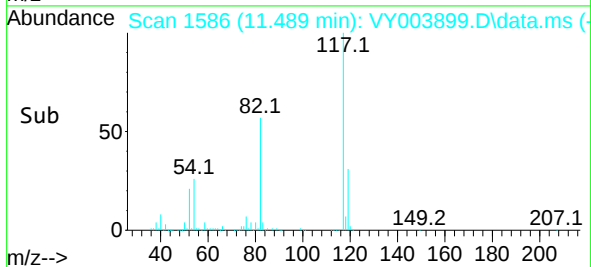
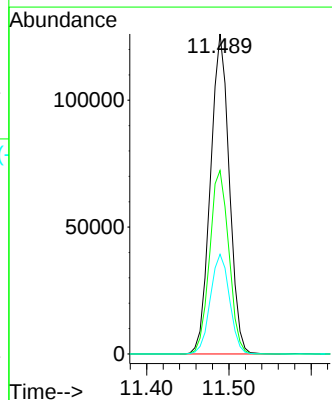
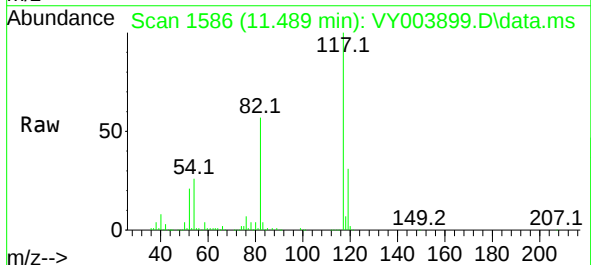
Instrument :
MSVOA_Y
ClientSampleId :
VY0112SBL01

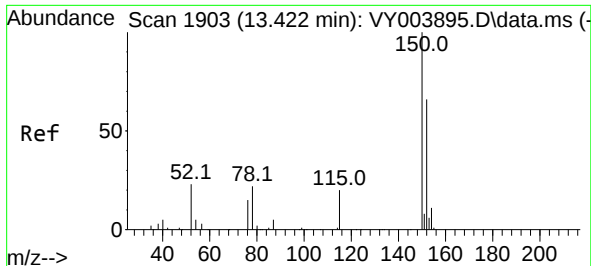
Tgt Ion: 95 Resp: 126924
Ion Ratio Lower Upper
95 100
174 89.2 0.0 193.2
176 86.7 0.0 187.0



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY003899.D
Acq: 12 Jan 2021 13:34

Tgt Ion: 117 Resp: 200451
Ion Ratio Lower Upper
117 100
82 57.4 43.9 65.9
119 31.2 26.2 39.4

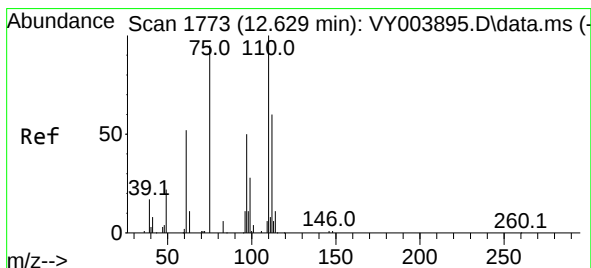
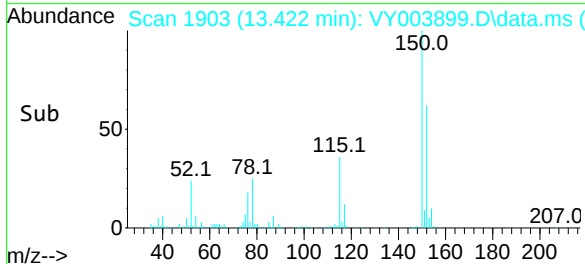
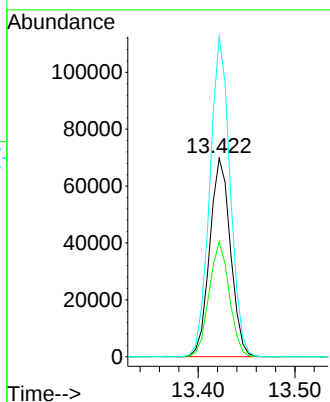
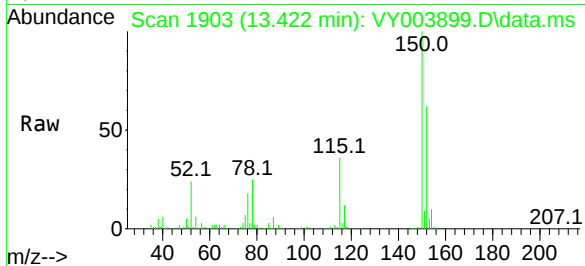




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.000 min
Lab File: VY003899.D
Acq: 12 Jan 2021 13:34

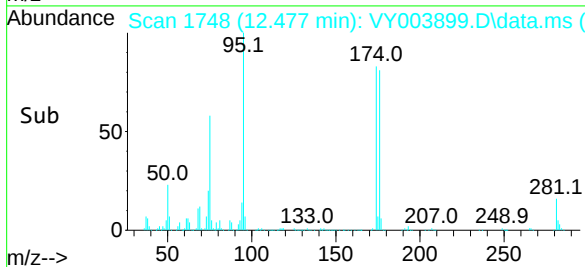
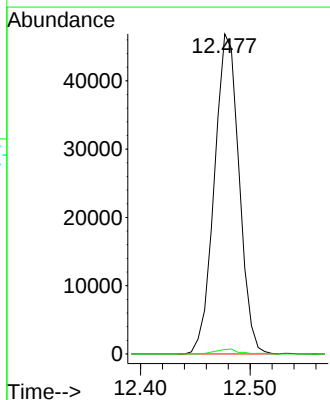
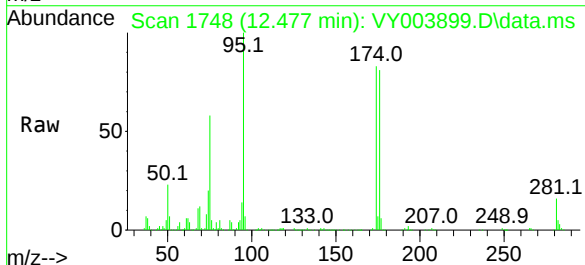
Instrument :
MSVOA_Y
ClientSampleId :
VY0112SBL01

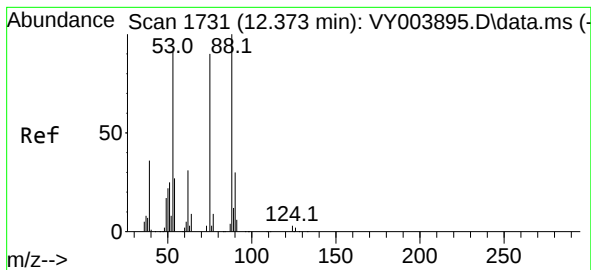
Tgt Ion:152 Resp: 103824
Ion Ratio Lower Upper
152 100
115 56.3 27.9 83.7
150 157.7 0.0 356.4



#76
1,2,3-Trichloropropane
Concen: 52.34 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.153 min
Lab File: VY003899.D
Acq: 12 Jan 2021 13:34

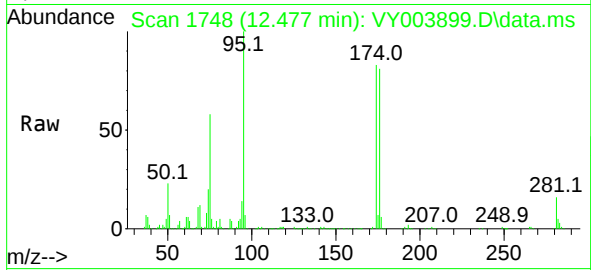
Tgt Ion: 75 Resp: 73479
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 99.36 ug/l
 RT: 12.477 min Scan# 1748
 Delta R.T. 0.103 min
 Lab File: VY003899.D
 Acq: 12 Jan 2021 13:34

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0112SBL01



Tgt Ion: 75 Resp: 73479
 Ion Ratio Lower Upper
 75 100
 53 0.1 75.0 112.6#
 89 0.3 0.0 0.0#

