

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042121\
 Data File : VY004549.D
 Acq On : 21 Apr 2021 12:40
 Operator : SY/MD
 Sample : M2102-05
 Misc : 6.70G/5ML/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RB44882RT

Quant Time: Apr 22 11:15:34 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041221S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 13 03:38:02 2021
 Response via : Initial Calibration

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

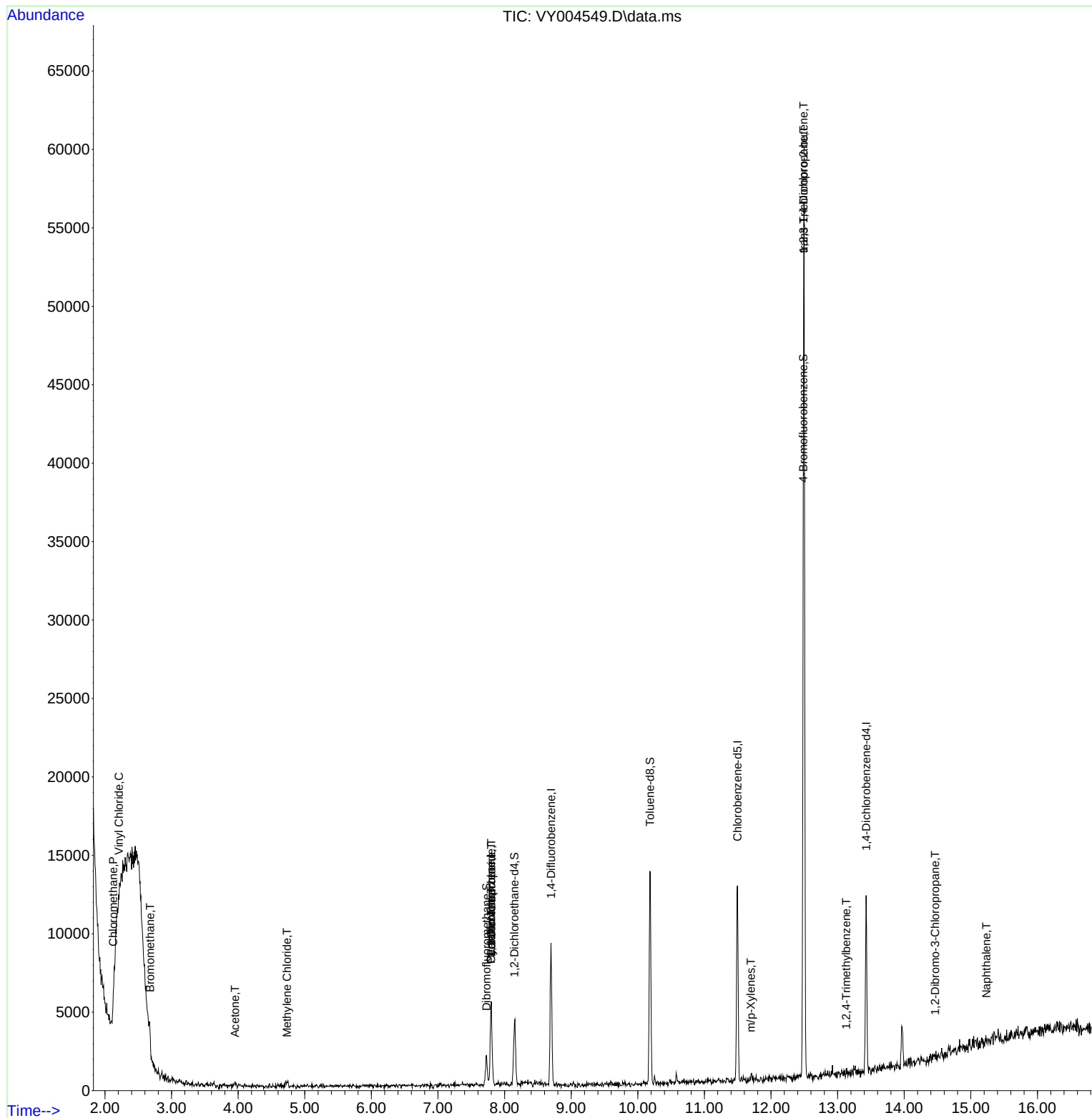
Internal Standards						
1) Pentafluorobenzene	7.795	168	3949	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	6928	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	6839	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	2475	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	3135	71.45	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 142.90%			
35) Dibromofluoromethane	7.728	113	1166	30.33	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 60.66%			
50) Toluene-d8	10.184	98	8571	52.41	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 104.82%			
62) 4-Bromofluorobenzene	12.483	95	2798	50.42	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 100.84%			
Target Compounds					Qvalue	
3) Chloromethane	2.125	50	266	5.03	ug/l #	66
4) Vinyl Chloride	2.210	62	808	14.46	ug/l #	43
5) Bromomethane	2.680	94	61	2.24	ug/l	100
16) Acetone	3.954	43	353	20.23	ug/l #	44
20) Methylene Chloride	4.734	84	259	6.11	ug/l #	63
31) Cyclohexane	7.795	56	82	1.02	ug/l #	1
36) 1,1-Dichloropropene	7.801	75	314	4.56	ug/l #	42
38) Carbon Tetrachloride	7.801	117	461	7.75	ug/l #	12
68) m/p-Xylenes	11.696	106	161	1.66	ug/l	77
76) 1,2,3-Trichloropropane	12.489	75	2080	78.30	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.489	75	2080	140.08	ug/l #	17
84) 1,2,4-Trimethylbenzene	13.129	105	208	1.33	ug/l #	31
92) 1,2-Dibromo-3-Chloropr...	14.464	75	48	7.39	ug/l #	2
95) Naphthalene	15.232	128	294	2.88	ug/l #	69

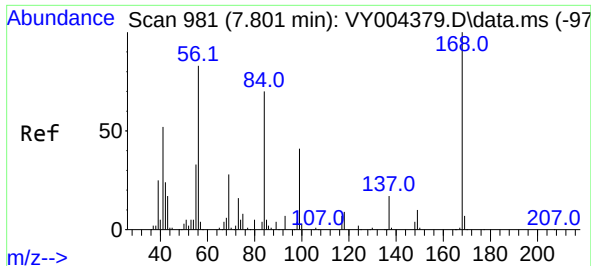
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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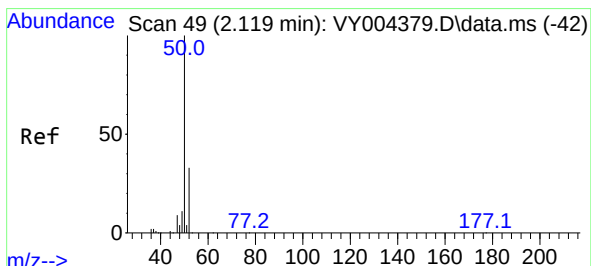
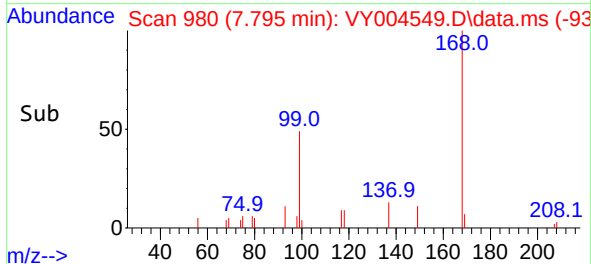
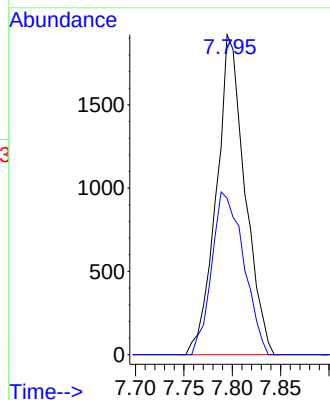
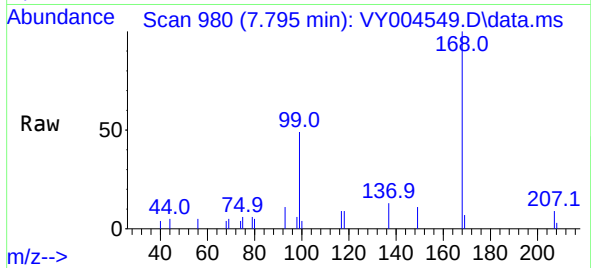




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.006 min
Lab File: VY004549.D
Acq: 21 Apr 2021 12:40

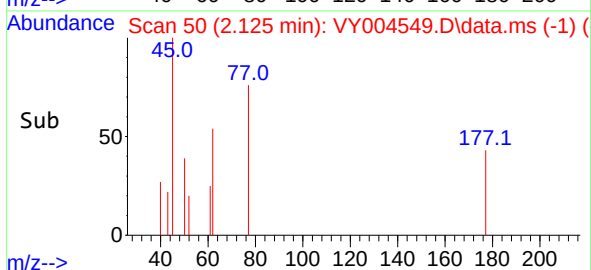
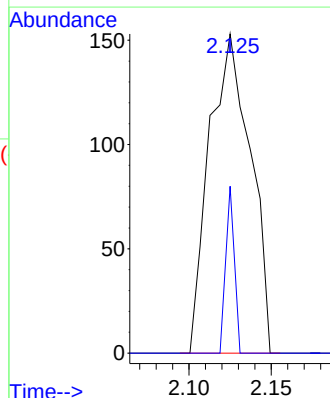
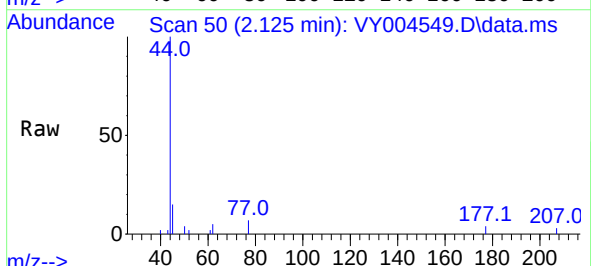
Instrument :
MSVOA_Y
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RB44882RT

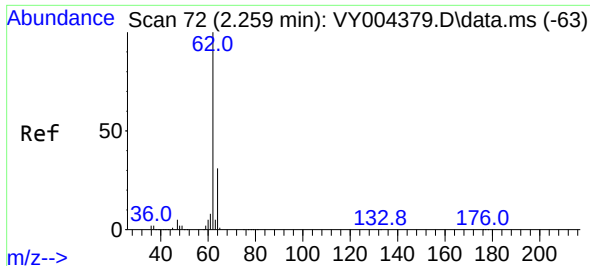
Tgt Ion:168 Resp: 3949
Ion Ratio Lower Upper
168 100
99 48.9 45.5 68.3



#3
Chloromethane
Concen: 5.03 ug/l
RT: 2.125 min Scan# 50
Delta R.T. 0.006 min
Lab File: VY004549.D
Acq: 21 Apr 2021 12:40

Tgt Ion: 50 Resp: 266
Ion Ratio Lower Upper
50 100
52 52.3 26.6 39.8#

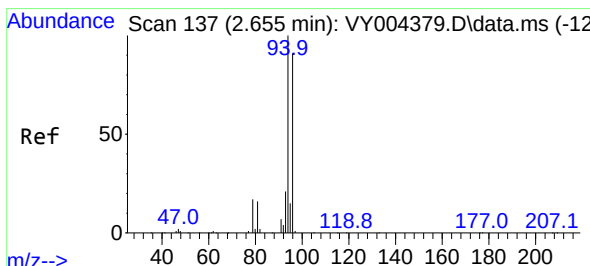
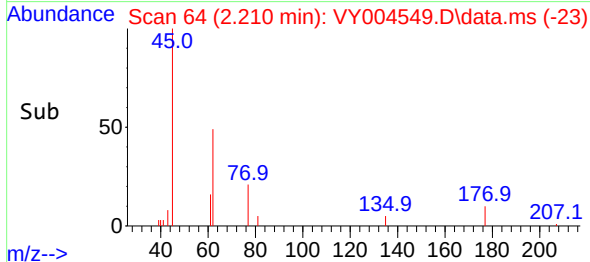
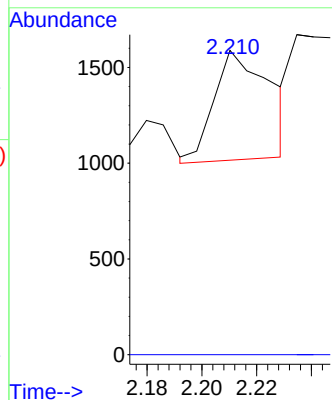
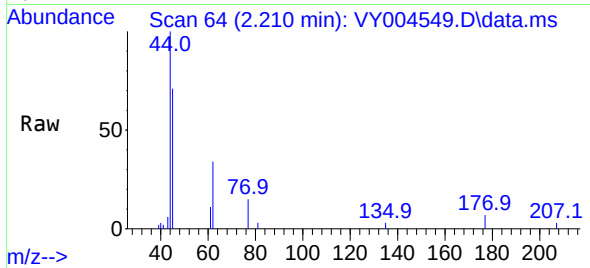




#4
 Vinyl Chloride
 Concen: 14.46 ug/l
 RT: 2.210 min Scan# 64
 Delta R.T. -0.049 min
 Lab File: VY004549.D
 Acq: 21 Apr 2021 12:40

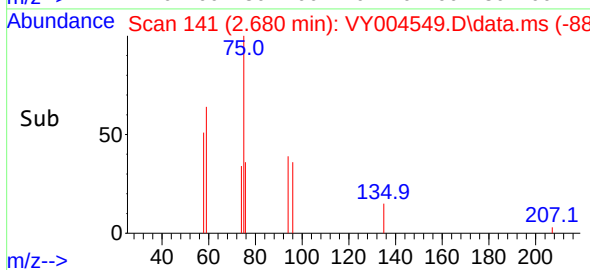
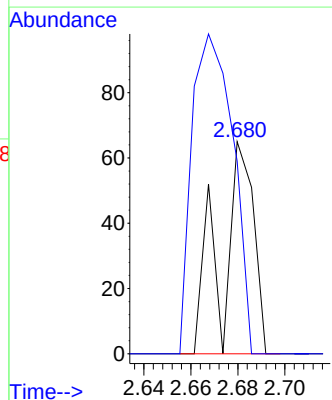
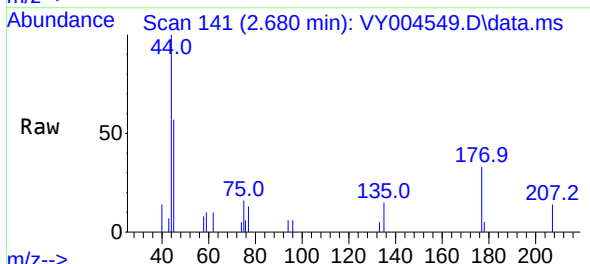
Instrument :
 MSVOA_Y
 ClientSampleId :
 RB44882RT

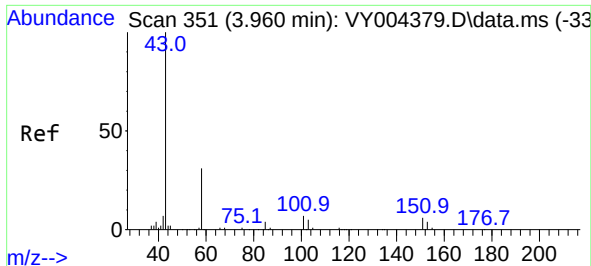
Tgt Ion: 62 Resp: 808
 Ion Ratio Lower Upper
 62 100
 64 0.0 25.1 37.7#



#5
 Bromomethane
 Concen: 2.24 ug/l
 RT: 2.680 min Scan# 141
 Delta R.T. 0.024 min
 Lab File: VY004549.D
 Acq: 21 Apr 2021 12:40

Tgt Ion: 94 Resp: 61
 Ion Ratio Lower Upper
 94 100
 96 90.8 72.6 108.8

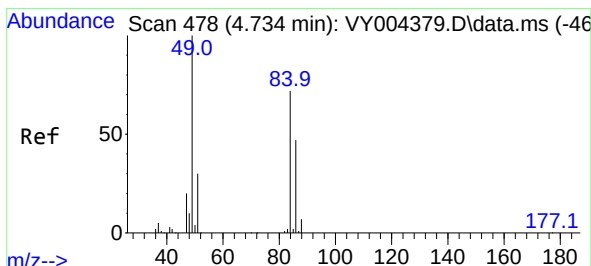
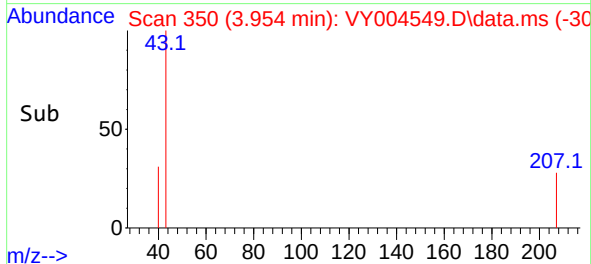
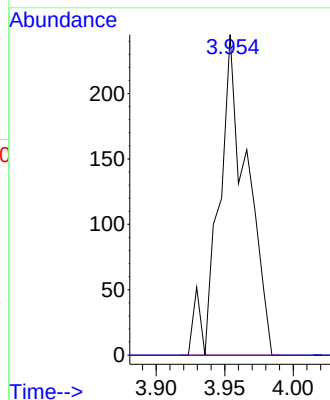
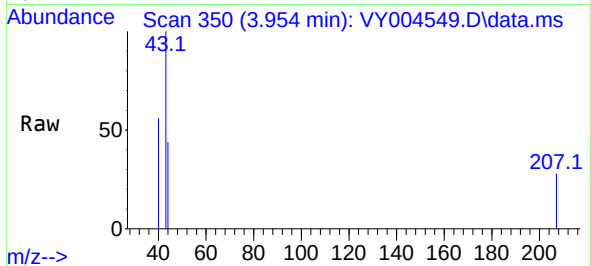




#16
Acetone
Concen: 20.23 ug/l
RT: 3.954 min Scan# 350
Delta R.T. -0.006 min
Lab File: VY004549.D
Acq: 21 Apr 2021 12:40

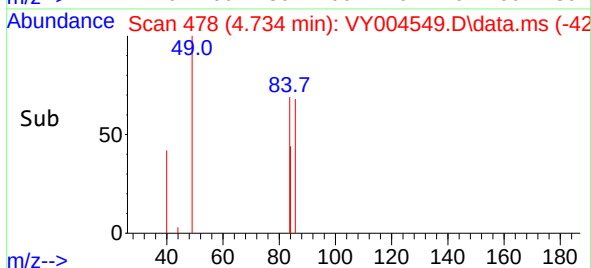
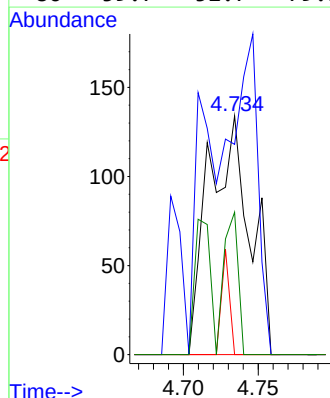
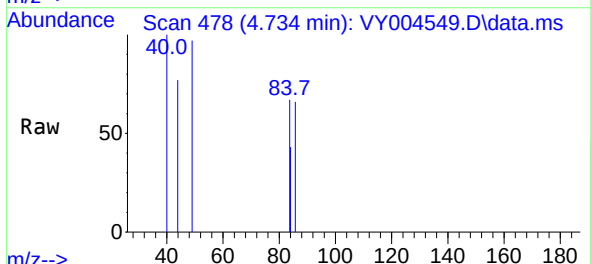
Instrument :
MSVOA_Y
ClientSampleId :
RB44882RT

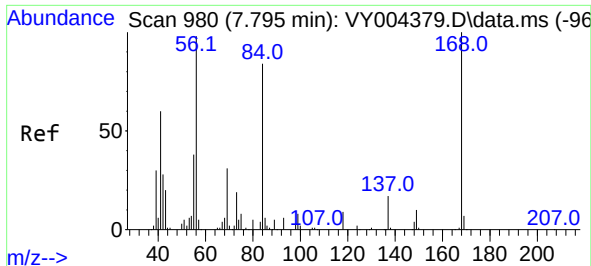
Tgt Ion: 43 Resp: 353
Ion Ratio Lower Upper
43 100
58 0.0 24.6 37.0#



#20
Methylene Chloride
Concen: 6.11 ug/l
RT: 4.734 min Scan# 478
Delta R.T. -0.000 min
Lab File: VY004549.D
Acq: 21 Apr 2021 12:40

Tgt Ion: 84 Resp: 259
Ion Ratio Lower Upper
84 100
49 88.1 111.2 166.8#
51 0.0 33.4 50.2#
86 59.7 52.7 79.1

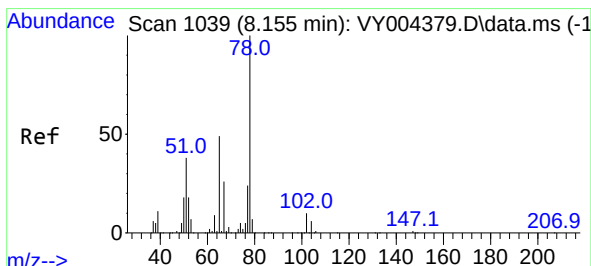
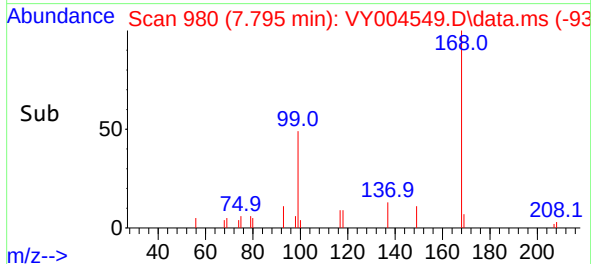
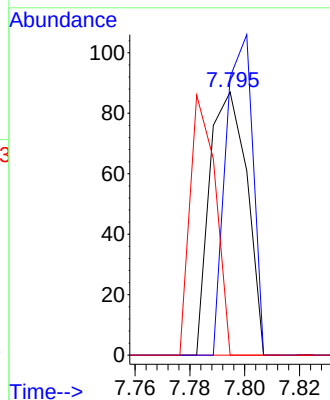
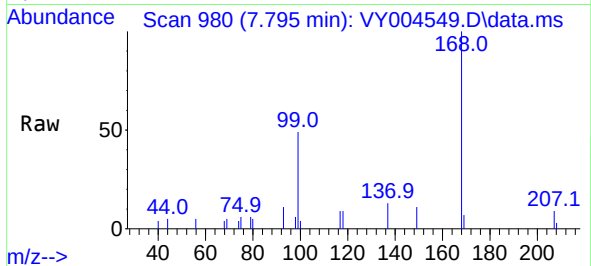




#31
Cyclohexane
Concen: 1.02 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.000 min
Lab File: VY004549.D
Acq: 21 Apr 2021 12:40

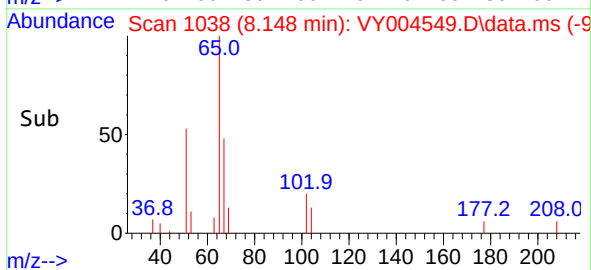
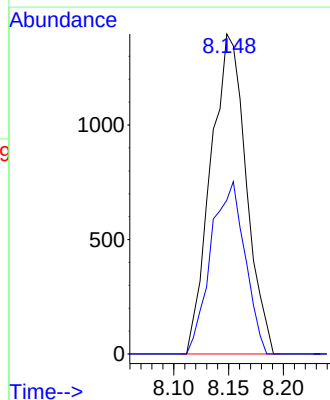
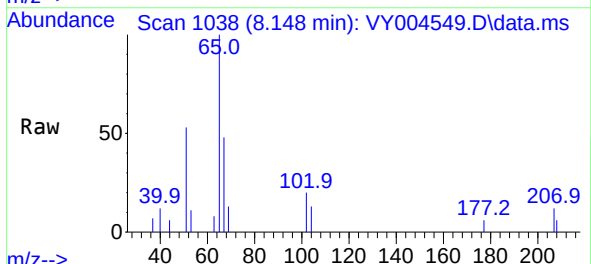
Instrument :
MSVOA_Y
ClientSampleId :
RB44882RT

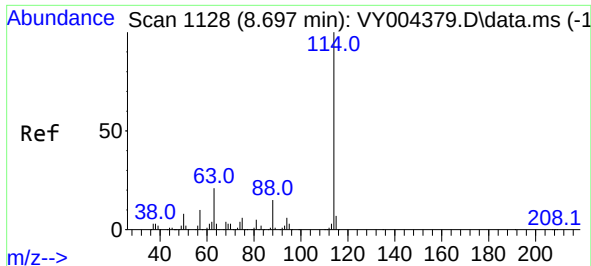
Tgt Ion: 56 Resp: 82
Ion Ratio Lower Upper
56 100
69 105.7 25.8 38.6#
84 0.0 68.2 102.4#



#33
1,2-Dichloroethane-d4
Concen: 71.45 ug/l
RT: 8.148 min Scan# 1038
Delta R.T. -0.006 min
Lab File: VY004549.D
Acq: 21 Apr 2021 12:40

Tgt Ion: 65 Resp: 3135
Ion Ratio Lower Upper
65 100
67 51.7 0.0 106.4





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.697 min Scan# 1128

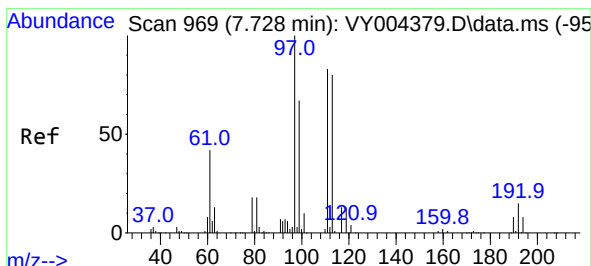
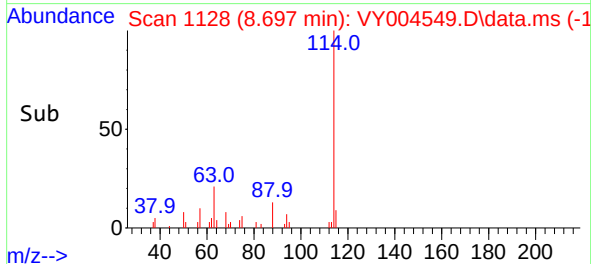
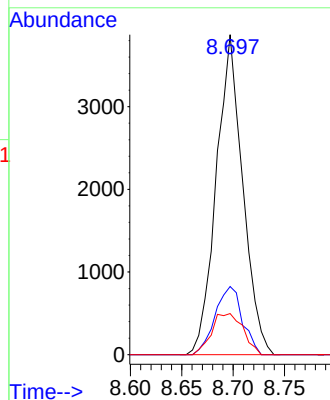
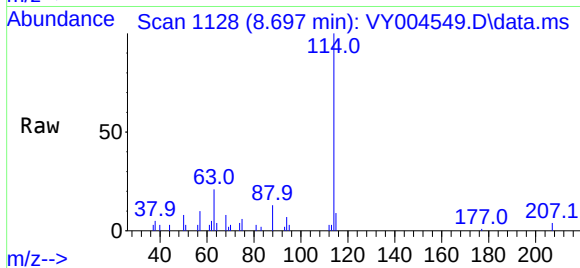
Delta R.T. -0.000 min

Lab File: VY004549.D

Acq: 21 Apr 2021 12:40

Tgt Ion:	114	Resp:	6928
Ion	Ratio	Lower	Upper
114	100		
63	21.3	0.0	42.4
88	12.9	0.0	30.8

Instrument :
MSVOA_Y
ClientSampleId :
RB44882RT



#35

Dibromofluoromethane

Concen: 30.33 ug/l

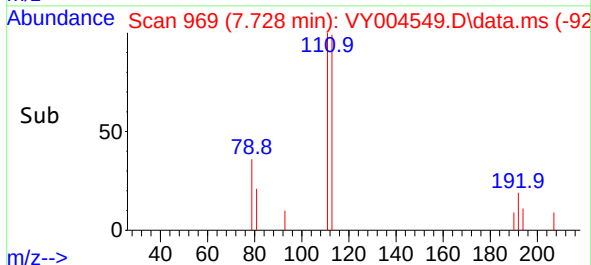
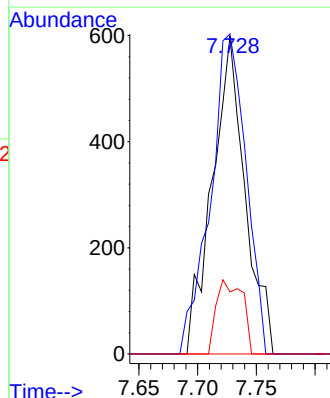
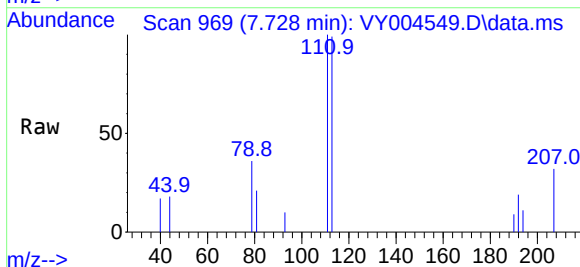
RT: 7.728 min Scan# 969

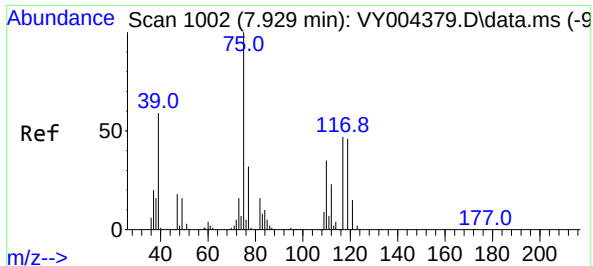
Delta R.T. -0.000 min

Lab File: VY004549.D

Acq: 21 Apr 2021 12:40

Tgt Ion:	113	Resp:	1166
Ion	Ratio	Lower	Upper
113	100		
111	109.2	82.6	123.8
192	18.4	16.1	24.1

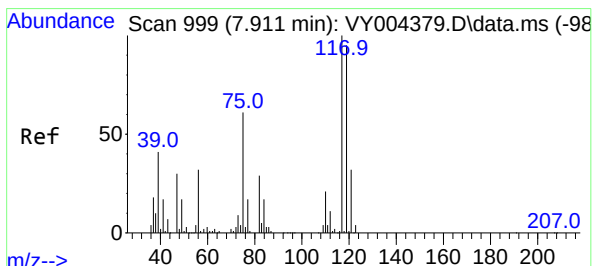
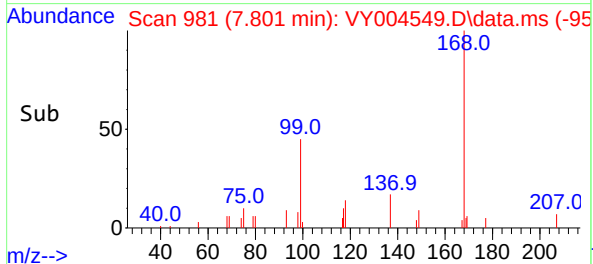
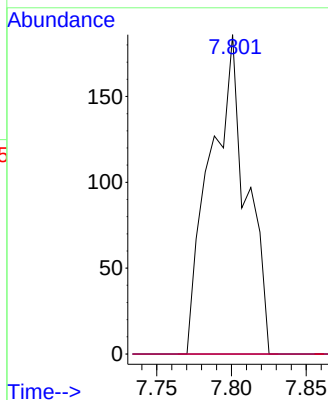
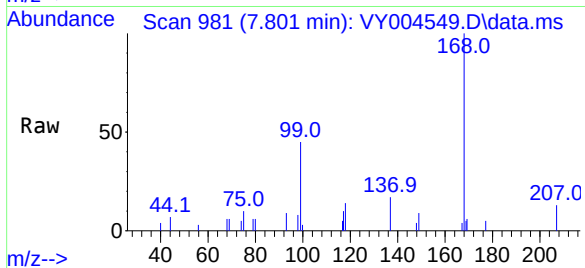




#36
1,1-Dichloropropene
Concen: 4.56 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.128 min
Lab File: VY004549.D
Acq: 21 Apr 2021 12:40

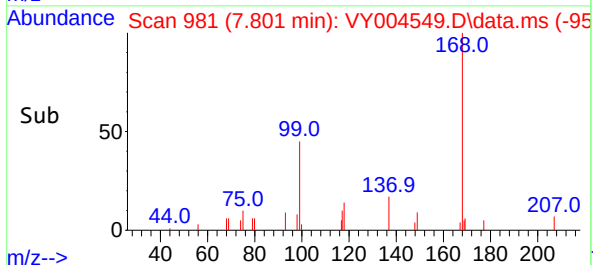
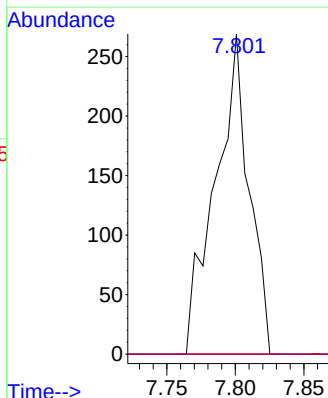
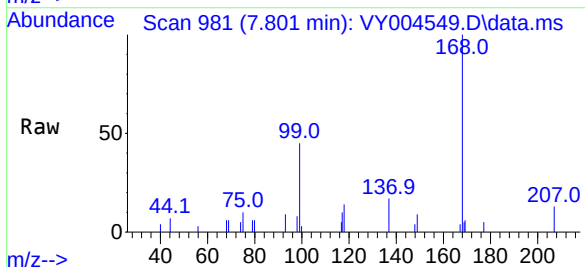
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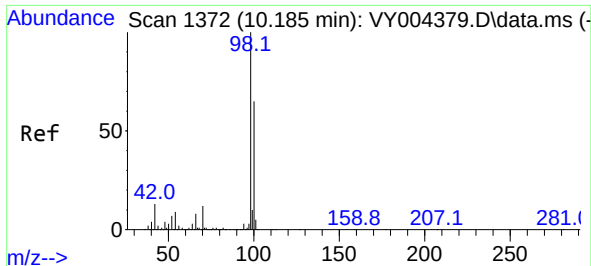
Tgt Ion:	75	Resp:	314
Ion	Ratio	Lower	Upper
75	100		
110	0.0	17.3	51.7#
77	0.0	24.3	36.5#



#38
Carbon Tetrachloride
Concen: 7.75 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.110 min
Lab File: VY004549.D
Acq: 21 Apr 2021 12:40

Tgt Ion:	117	Resp:	461
Ion	Ratio	Lower	Upper
117	100		
119	0.0	75.8	113.8#
121	0.0	25.3	37.9#

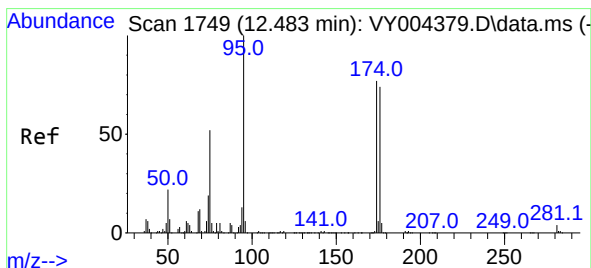
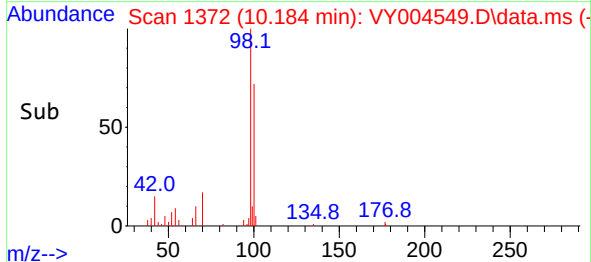
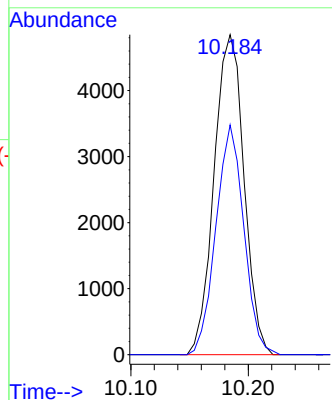
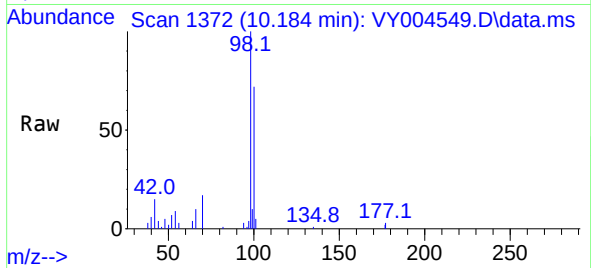




#50
Toluene-d8
Concen: 52.41 ug/l
RT: 10.184 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY004549.D
Acq: 21 Apr 2021 12:40

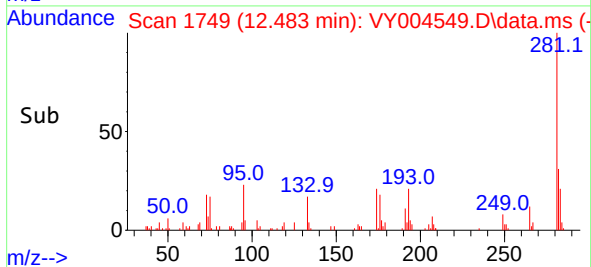
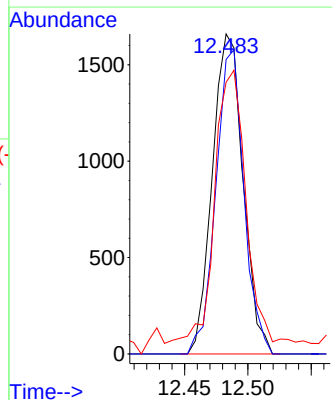
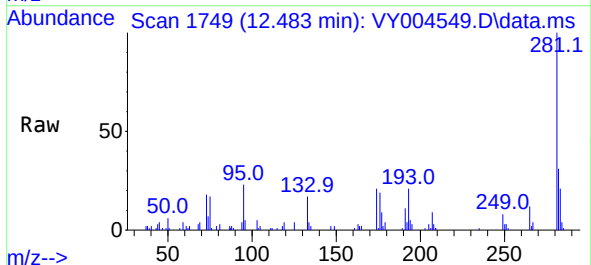
Instrument :
MSVOA_Y
ClientSampleId :
RB44882RT

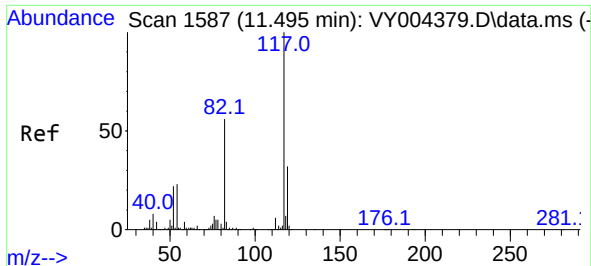
Tgt Ion: 98 Resp: 8571
Ion Ratio Lower Upper
98 100
100 67.1 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 50.42 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY004549.D
Acq: 21 Apr 2021 12:40

Tgt Ion: 95 Resp: 2798
Ion Ratio Lower Upper
95 100
174 87.1 0.0 162.4
176 87.3 0.0 156.0

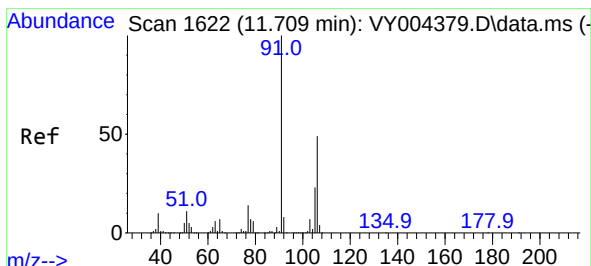
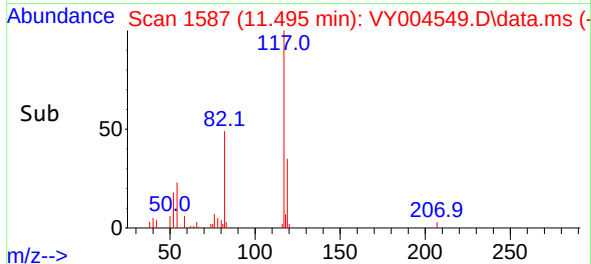
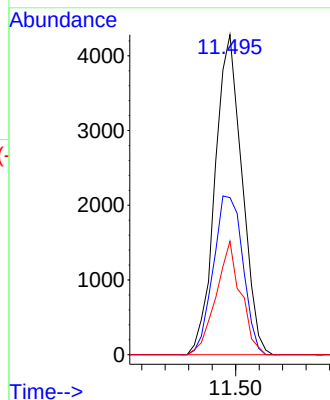
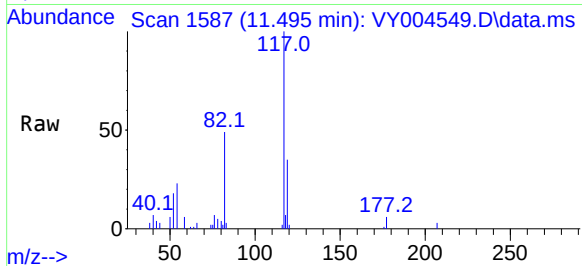




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY004549.D
Acq: 21 Apr 2021 12:40

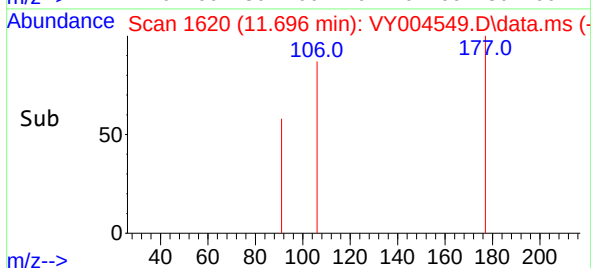
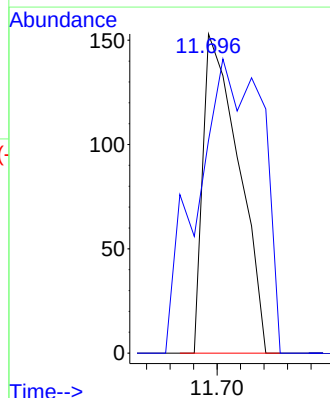
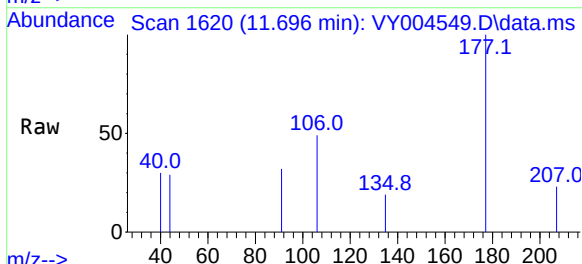
Instrument :
MSVOA_Y
ClientSampleId :
RB44882RT

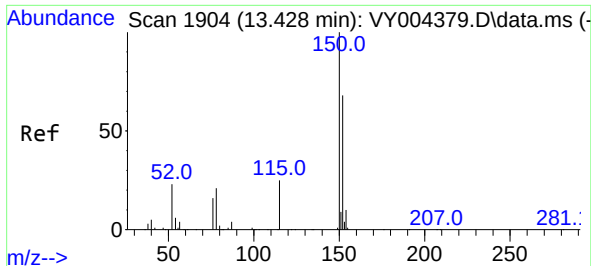
Tgt Ion:	117	Resp:	6839
Ion	Ratio	Lower	Upper
117	100		
82	49.1	44.9	67.3
119	35.4	25.4	38.0



#68
m/p-Xylenes
Concen: 1.66 ug/l
RT: 11.696 min Scan# 1620
Delta R.T. -0.012 min
Lab File: VY004549.D
Acq: 21 Apr 2021 12:40

Tgt Ion:	106	Resp:	161
Ion	Ratio	Lower	Upper
106	100		
91	168.3	163.2	244.8

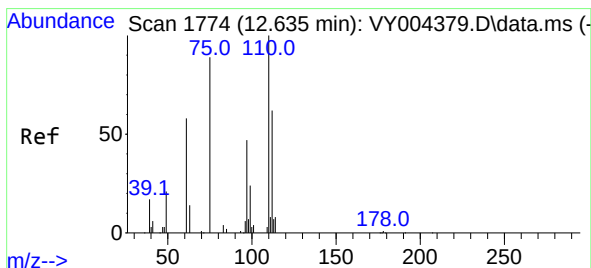
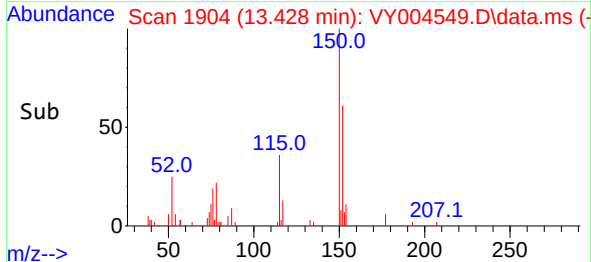
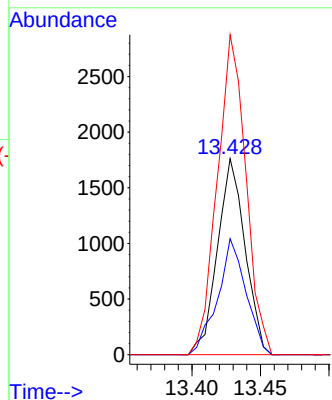
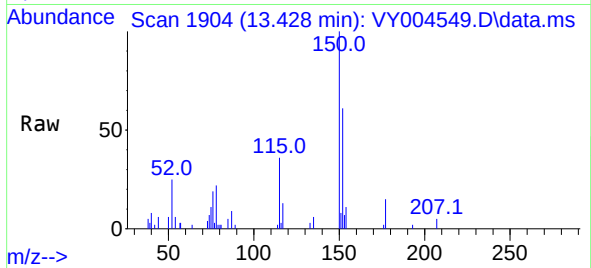




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY004549.D
Acq: 21 Apr 2021 12:40

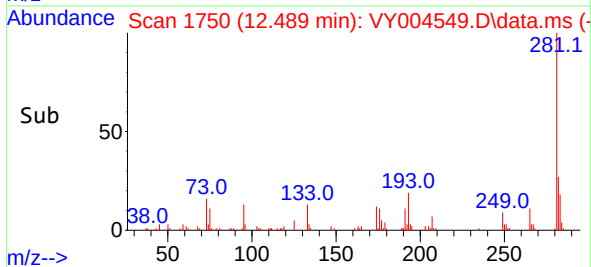
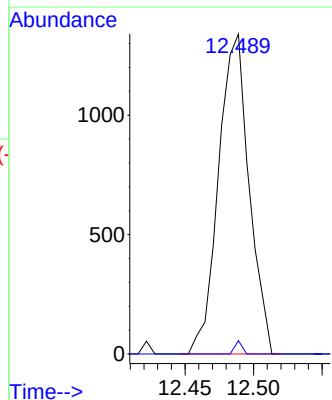
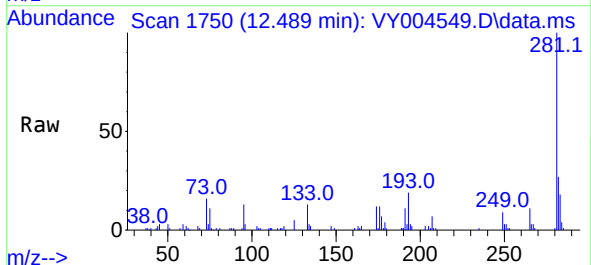
Instrument :
MSVOA_Y
ClientSampleId :
RB44882RT

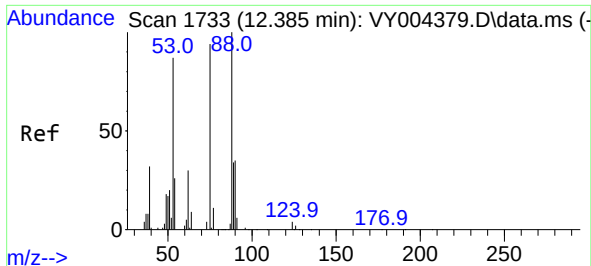
Tgt Ion:152 Resp: 2475
Ion Ratio Lower Upper
152 100
115 60.8 29.6 88.8
150 168.7 0.0 348.4



#76
1,2,3-Trichloropropane
Concen: 78.30 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. -0.146 min
Lab File: VY004549.D
Acq: 21 Apr 2021 12:40

Tgt Ion: 75 Resp: 2080
Ion Ratio Lower Upper
75 100
77 1.0 0.0 0.0#

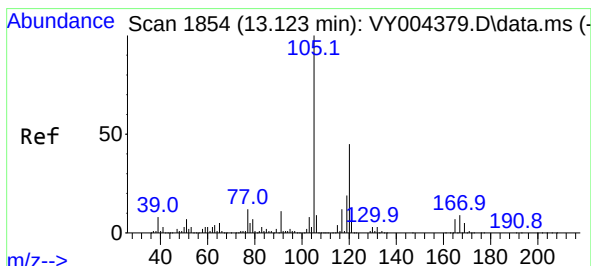
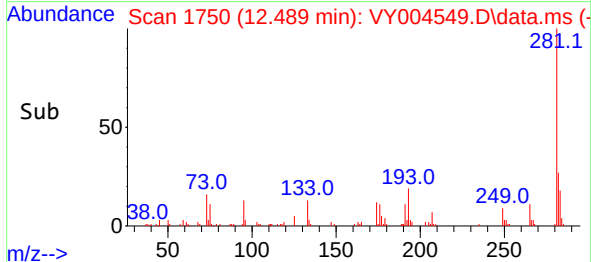
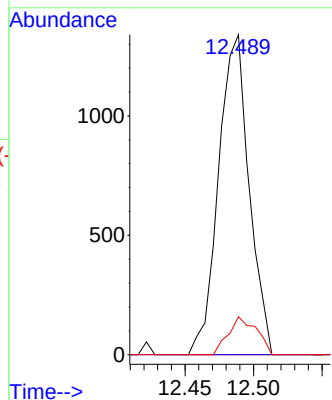
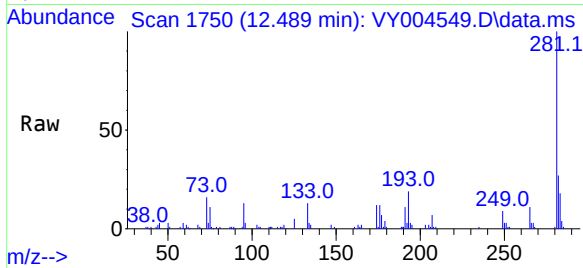




#81
trans-1,4-Dichloro-2-butene
Concen: 140.08 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.103 min
Lab File: VY004549.D
Acq: 21 Apr 2021 12:40

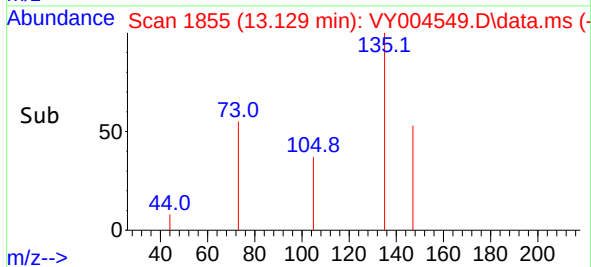
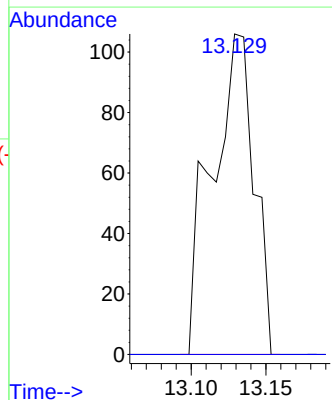
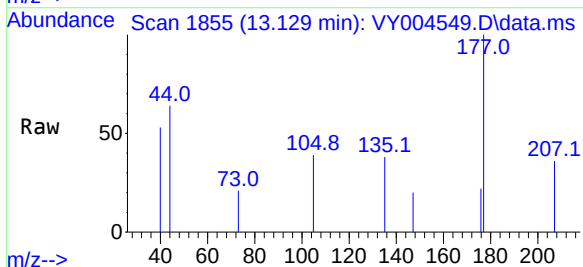
Instrument :
MSVOA_Y
ClientSampleId :
RB44882RT

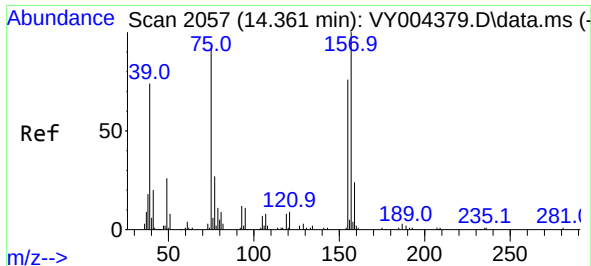
Tgt Ion: 75 Resp: 2080
Ion Ratio Lower Upper
75 100
53 0.0 75.0 112.6#
89 11.0 36.1 54.1#



#84
1,2,4-Trimethylbenzene
Concen: 1.33 ug/l
RT: 13.129 min Scan# 1855
Delta R.T. 0.006 min
Lab File: VY004549.D
Acq: 21 Apr 2021 12:40

Tgt Ion: 105 Resp: 208
Ion Ratio Lower Upper
105 100
120 0.0 22.4 67.3#

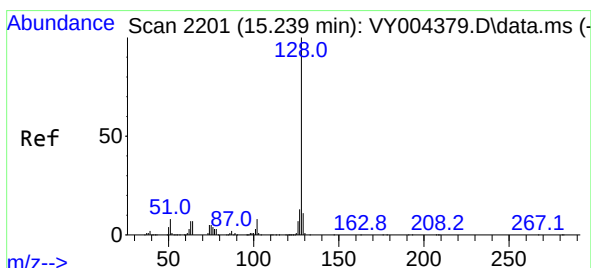
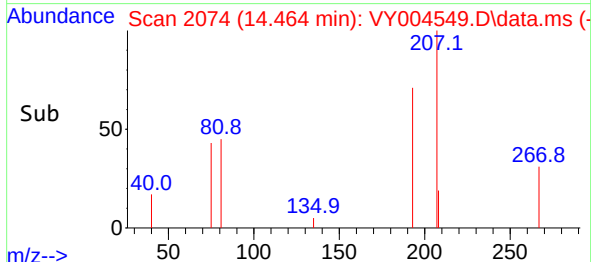
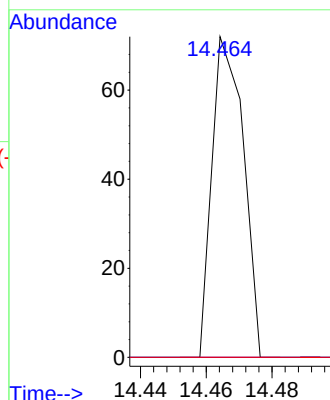
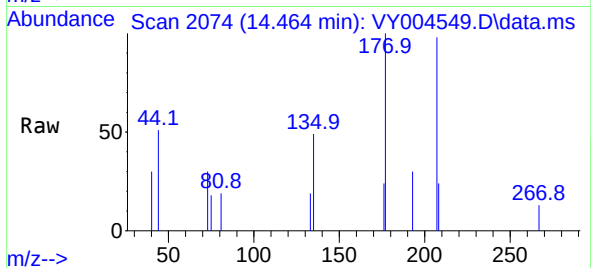




#92
1,2-Dibromo-3-Chloropropane
Concen: 7.39 ug/l
RT: 14.464 min Scan# 2074
Delta R.T. 0.103 min
Lab File: VY004549.D
Acq: 21 Apr 2021 12:40

Instrument :
MSVOA_Y
ClientSampleId :
RB44882RT

Tgt Ion: 75 Resp: 48
Ion Ratio Lower Upper
75 100
155 0.0 40.6 121.8#
157 0.0 53.0 159.0#



#95
Naphthalene
Concen: 2.88 ug/l
RT: 15.232 min Scan# 2200
Delta R.T. -0.006 min
Lab File: VY004549.D
Acq: 21 Apr 2021 12:40

Tgt Ion: 128 Resp: 294
Ion Ratio Lower Upper
128 100
127 0.0 10.2 15.2#
129 0.0 8.8 13.2#

