

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042221\
 Data File : VY004588.D
 Acq On : 22 Apr 2021 16:25
 Operator : SY/MD
 Sample : M2102-05
 Misc : 6.08G/5ML/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RB44882RT

Quant Time: Apr 23 09:21:30 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)

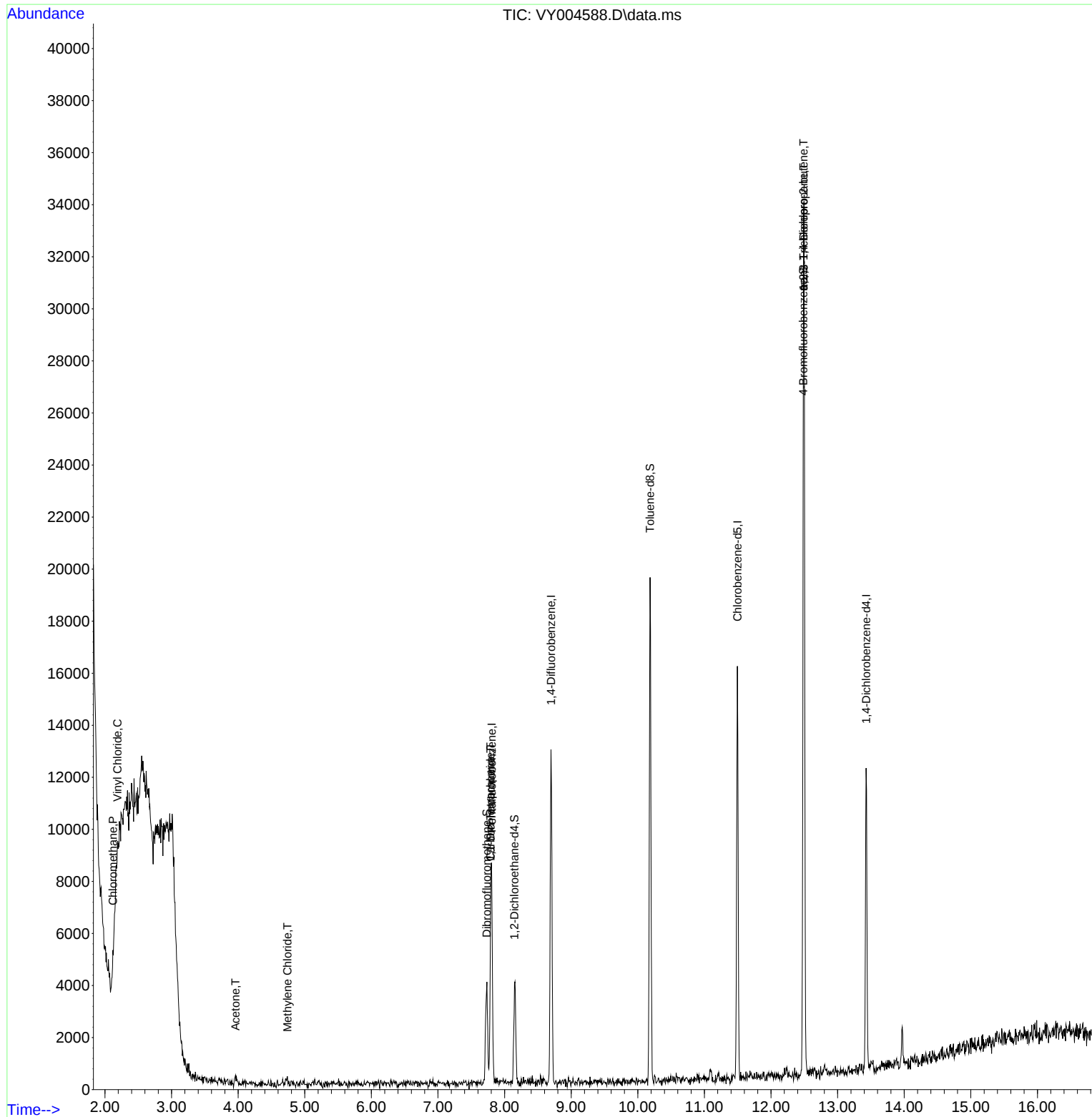
Internal Standards						
1) Pentafluorobenzene	7.807	168	6925	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	10177	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	7889	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	3076	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	3015	39.19	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	78.38%
35) Dibromofluoromethane	7.734	113	2615	46.30	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	92.60%
50) Toluene-d8	10.185	98	12455	51.85	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	103.70%
62) 4-Bromofluorobenzene	12.483	95	3083	37.82	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	75.64%
Target Compounds						
					Qvalue	
3) Chloromethane	2.119	50	107	1.15	ug/l #	41
4) Vinyl Chloride	2.186	62	2740	27.96	ug/l #	43
16) Acetone	3.960	43	404	5.96	ug/l #	44
20) Methylene Chloride	4.741	84	110	1.48	ug/l #	44
36) 1,1-Dichloropropene	7.789	75	623	6.16	ug/l #	42
38) Carbon Tetrachloride	7.789	117	514	5.88	ug/l #	12
76) 1,2,3-Trichloropropane	12.489	75	1884	57.07	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.489	75	1884	102.09	ug/l #	13

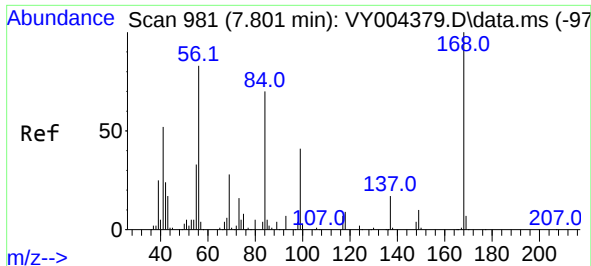
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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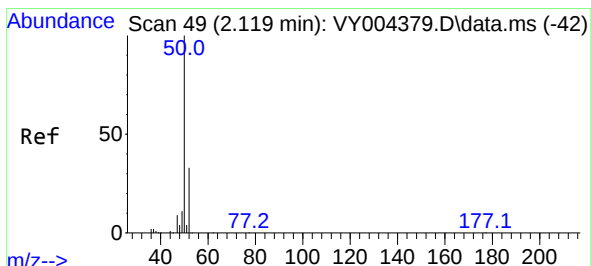
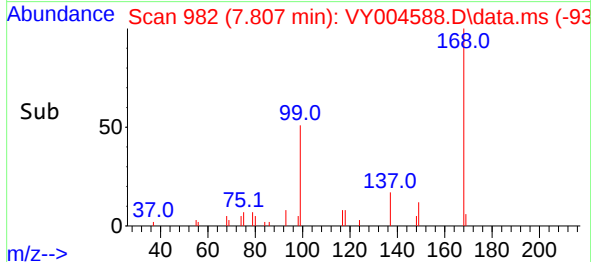
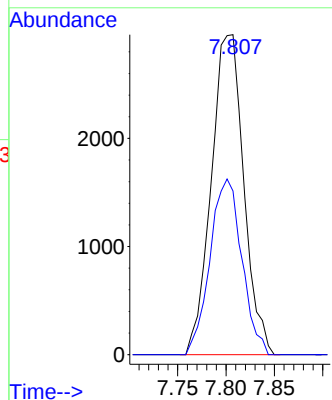
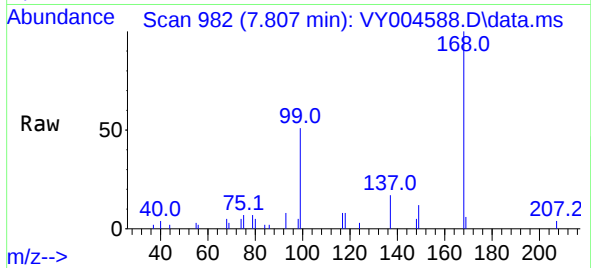




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.807 min Scan# 982
Delta R.T. 0.006 min
Lab File: VY004588.D
Acq: 22 Apr 2021 16:25

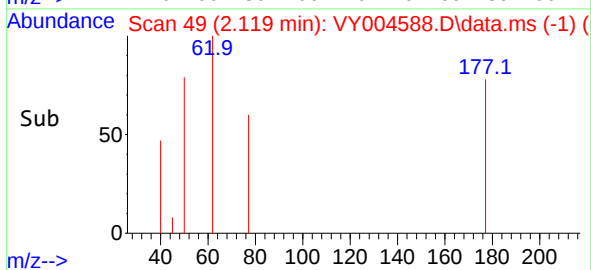
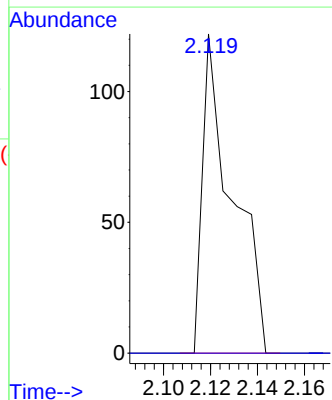
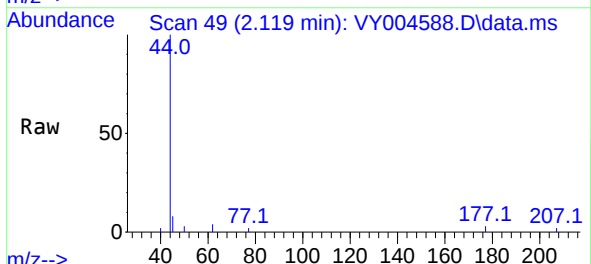
Instrument :
MSVOA_Y
ClientSampleId :
RB44882RT

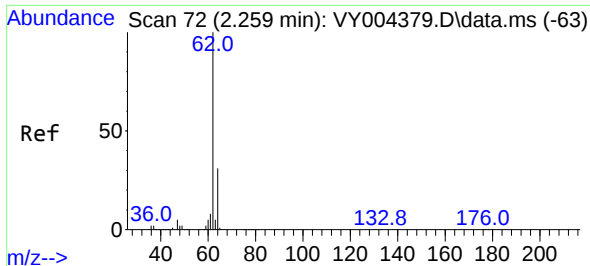
Tgt Ion:168 Resp: 6925
Ion Ratio Lower Upper
168 100
99 51.1 45.5 68.3



#3
Chloromethane
Concen: 1.15 ug/l
RT: 2.119 min Scan# 49
Delta R.T. 0.000 min
Lab File: VY004588.D
Acq: 22 Apr 2021 16:25

Tgt Ion: 50 Resp: 107
Ion Ratio Lower Upper
50 100
52 0.0 26.6 39.8#

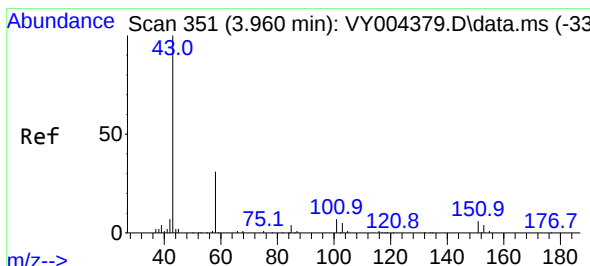
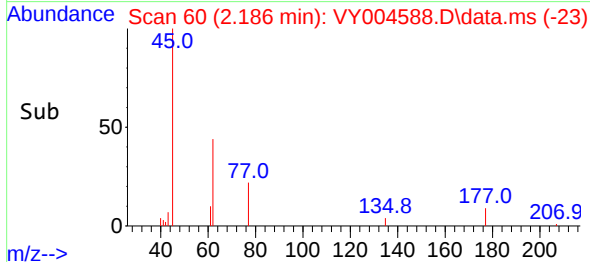
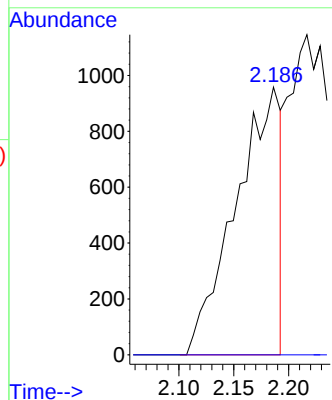
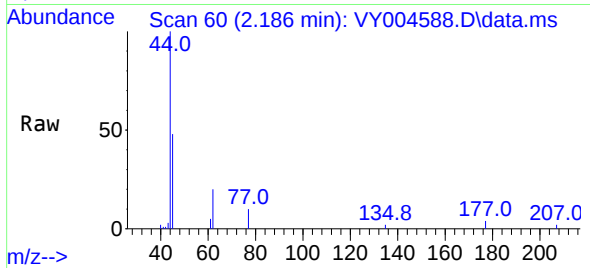




#4
Vinyl Chloride
Concen: 27.96 ug/l
RT: 2.186 min Scan# 60
Delta R.T. -0.073 min
Lab File: VY004588.D
Acq: 22 Apr 2021 16:25

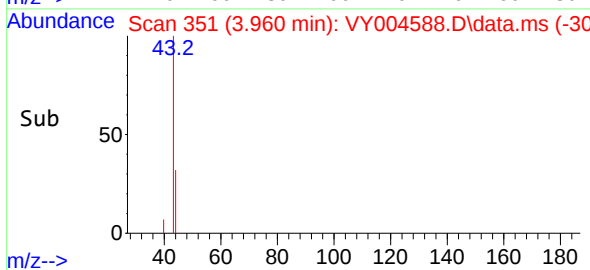
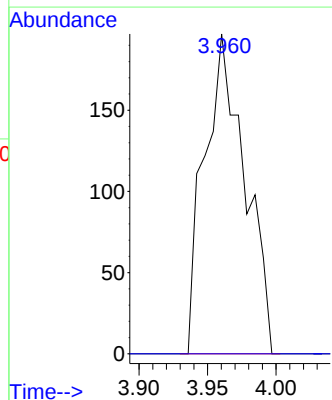
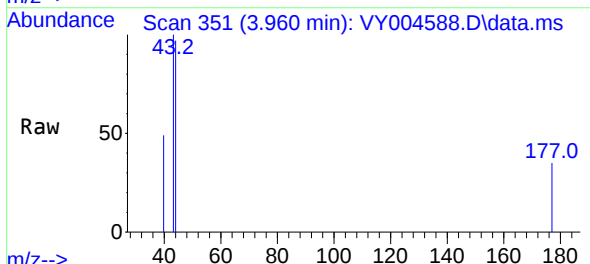
Instrument :
MSVOA_Y
ClientSampleId :
RB44882RT

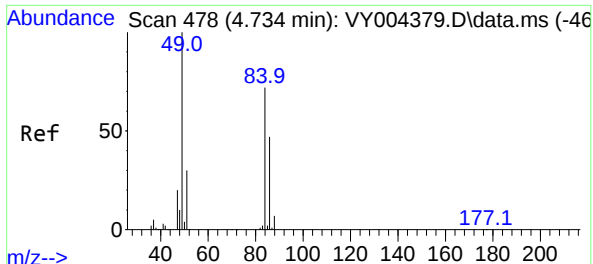
Tgt Ion: 62 Resp: 2740
Ion Ratio Lower Upper
62 100
64 0.0 25.1 37.7#



#16
Acetone
Concen: 5.96 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.000 min
Lab File: VY004588.D
Acq: 22 Apr 2021 16:25

Tgt Ion: 43 Resp: 404
Ion Ratio Lower Upper
43 100
58 0.0 24.6 37.0#



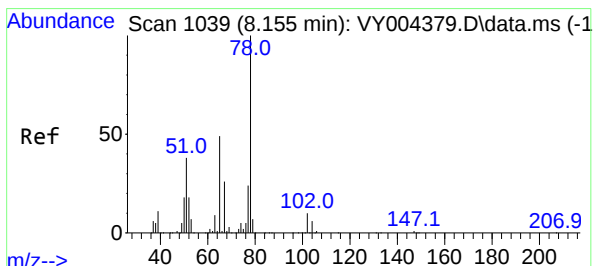
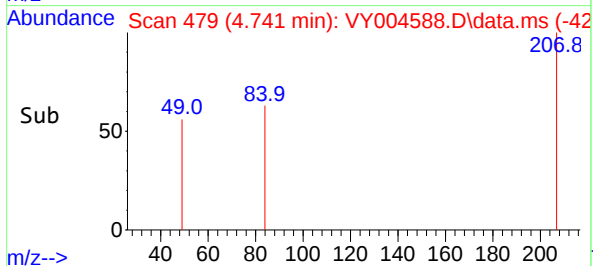
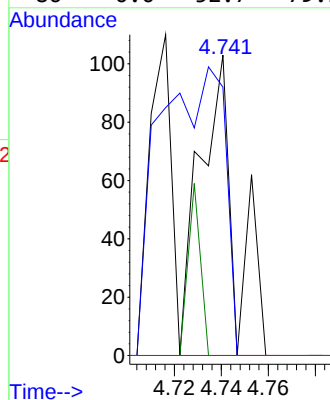
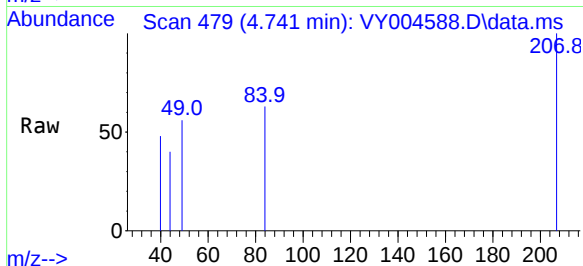


#20
Methylene Chloride
Concen: 1.48 ug/l
RT: 4.741 min Scan# 479
Delta R.T. 0.006 min
Lab File: VY004588.D
Acq: 22 Apr 2021 16:25

Instrument :
MSVOA_Y
ClientSampleId :
RB44882RT

Tgt Ion: 84 Resp: 110

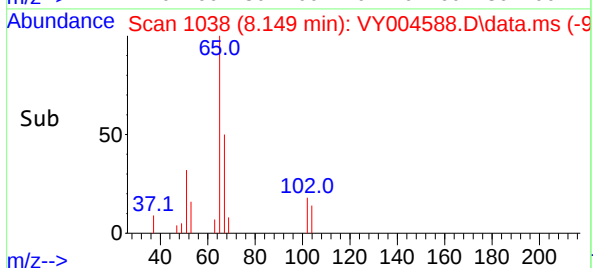
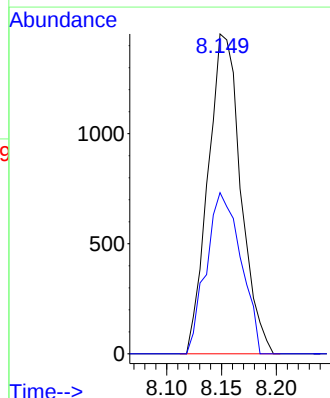
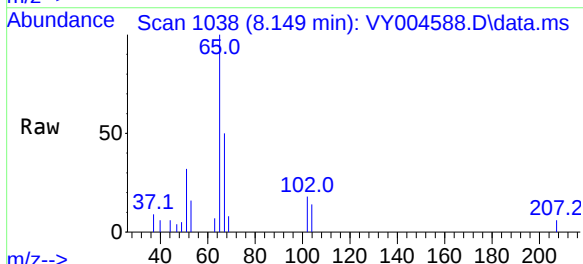
Ion	Ratio	Lower	Upper
84	100		
49	89.3	111.2	166.8#
51	0.0	33.4	50.2#
86	0.0	52.7	79.1#

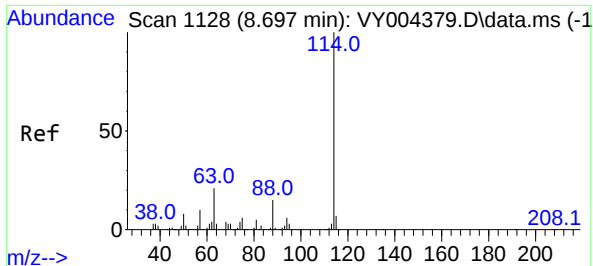


#33
1,2-Dichloroethane-d4
Concen: 39.19 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.006 min
Lab File: VY004588.D
Acq: 22 Apr 2021 16:25

Tgt Ion: 65 Resp: 3015

Ion	Ratio	Lower	Upper
65	100		
67	53.3	0.0	106.4

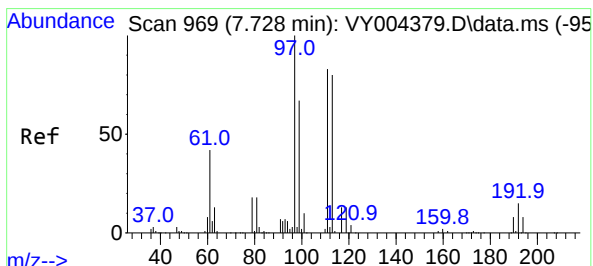
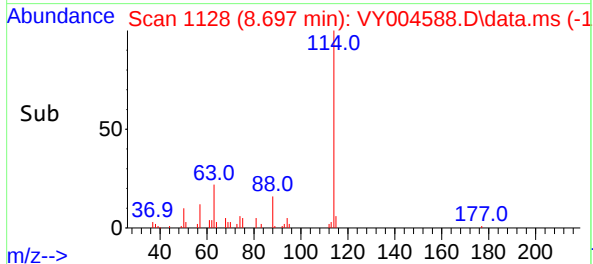
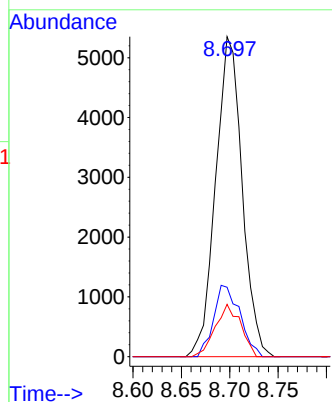
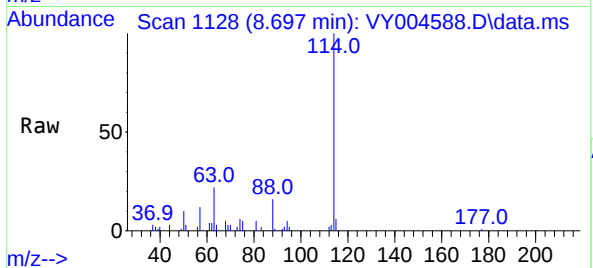




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY004588.D
Acq: 22 Apr 2021 16:25

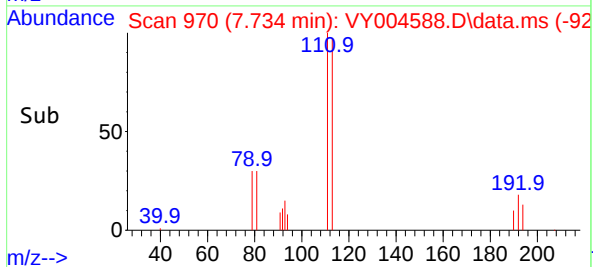
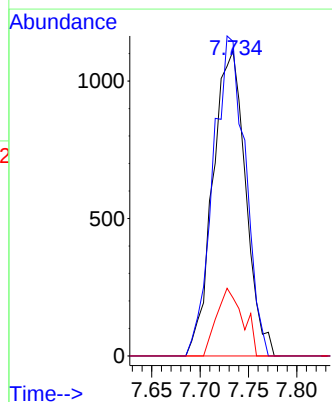
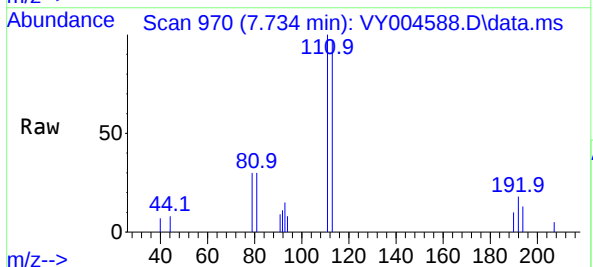
Instrument :
MSVOA_Y
ClientSampleId :
RB44882RT

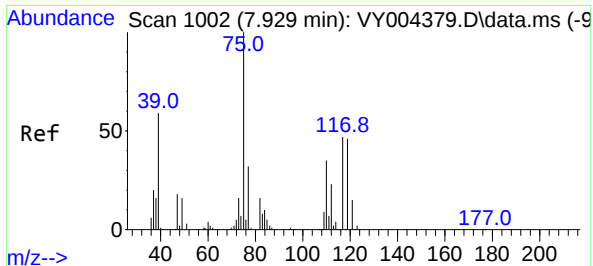
Tgt Ion:	114	Resp:	10177
Ion	Ratio	Lower	Upper
114	100		
63	21.7	0.0	42.4
88	16.3	0.0	30.8



#35
Dibromofluoromethane
Concen: 46.30 ug/l
RT: 7.734 min Scan# 970
Delta R.T. 0.006 min
Lab File: VY004588.D
Acq: 22 Apr 2021 16:25

Tgt Ion:	113	Resp:	2615
Ion	Ratio	Lower	Upper
113	100		
111	102.8	82.6	123.8
192	17.7	16.1	24.1

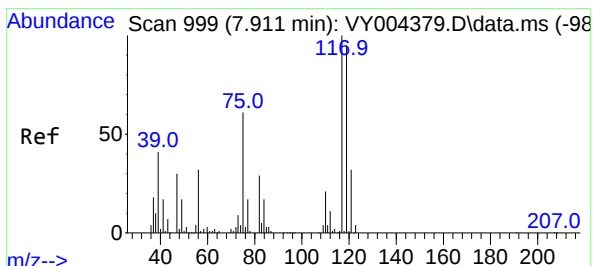
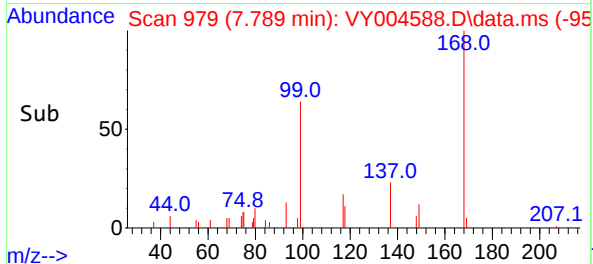
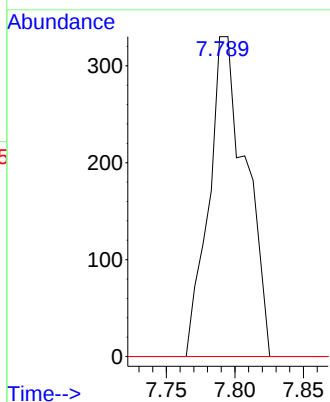
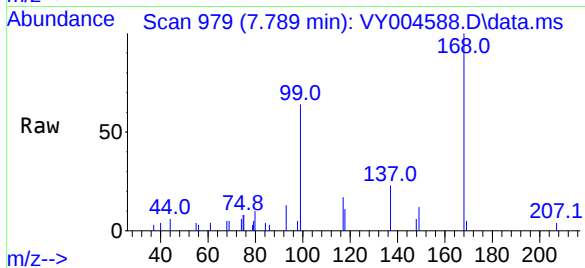




#36
1,1-Dichloropropene
Concen: 6.16 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.140 min
Lab File: VY004588.D
Acq: 22 Apr 2021 16:25

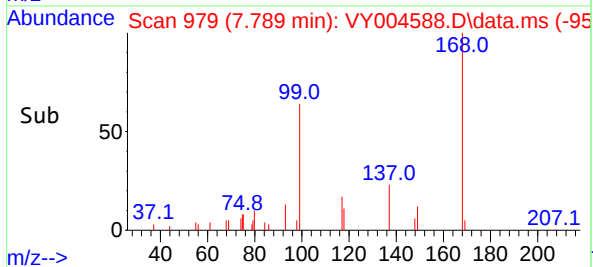
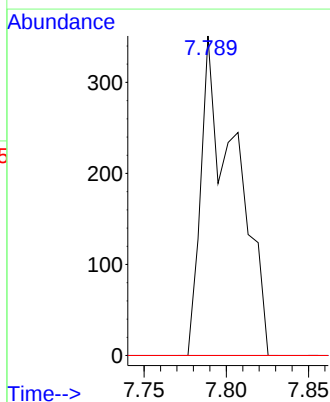
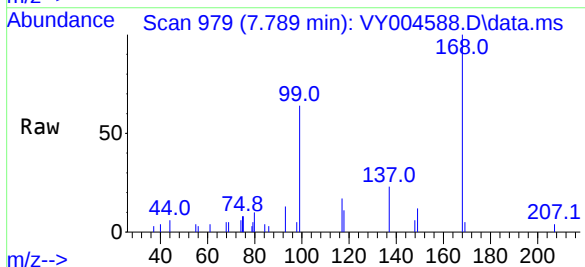
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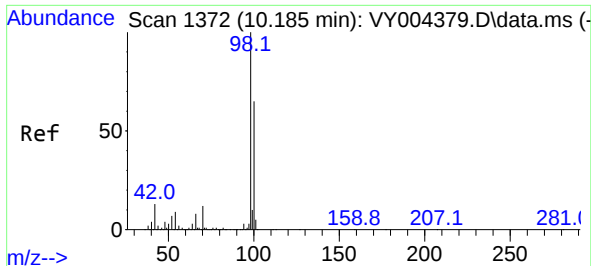
Tgt Ion: 75 Resp: 623
Ion Ratio Lower Upper
75 100
110 0.0 17.3 51.7#
77 0.0 24.3 36.5#



#38
Carbon Tetrachloride
Concen: 5.88 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.122 min
Lab File: VY004588.D
Acq: 22 Apr 2021 16:25

Tgt Ion: 117 Resp: 514
Ion Ratio Lower Upper
117 100
119 0.0 75.8 113.8#
121 0.0 25.3 37.9#

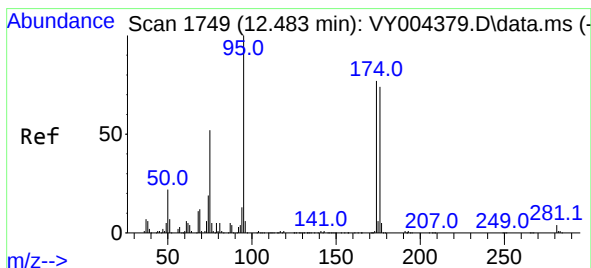
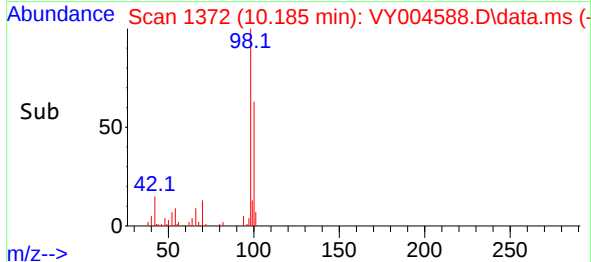
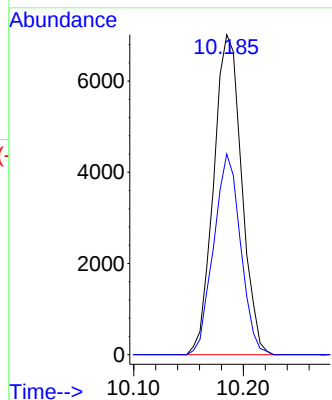
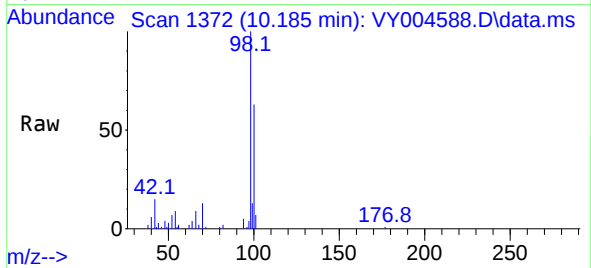




#50
Toluene-d8
Concen: 51.85 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY004588.D
Acq: 22 Apr 2021 16:25

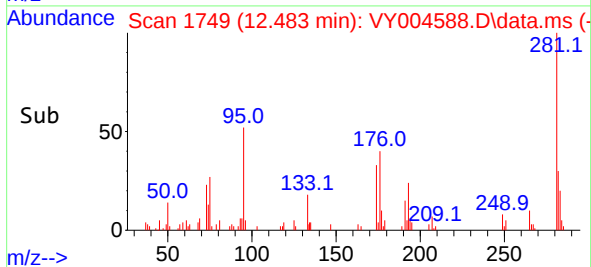
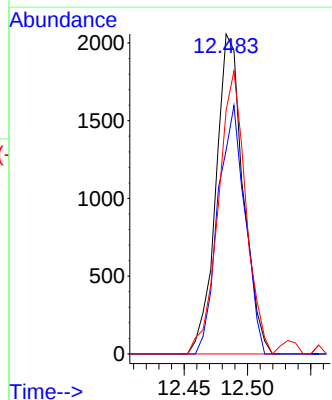
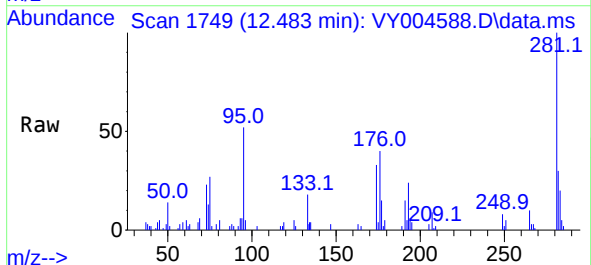
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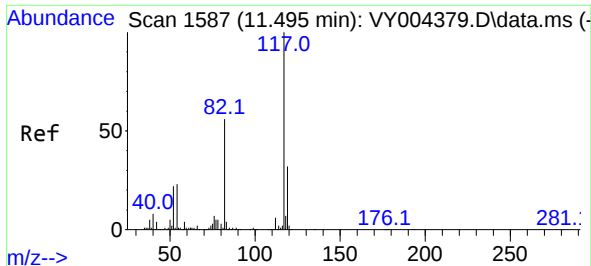
Tgt Ion: 98 Resp: 12455
Ion Ratio Lower Upper
98 100
100 60.3 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 37.82 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY004588.D
Acq: 22 Apr 2021 16:25

Tgt Ion: 95 Resp: 3083
Ion Ratio Lower Upper
95 100
174 76.8 0.0 162.4
176 89.0 0.0 156.0

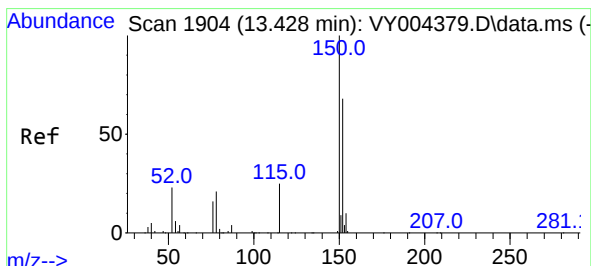
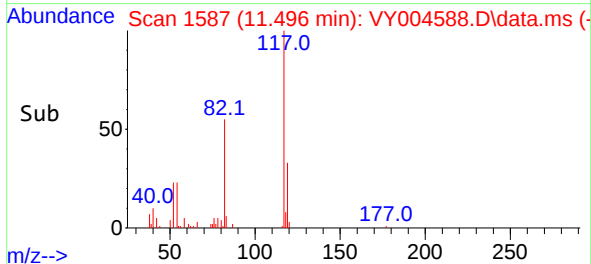
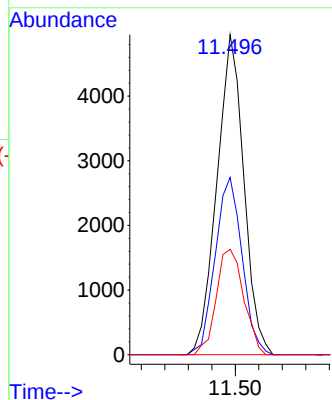
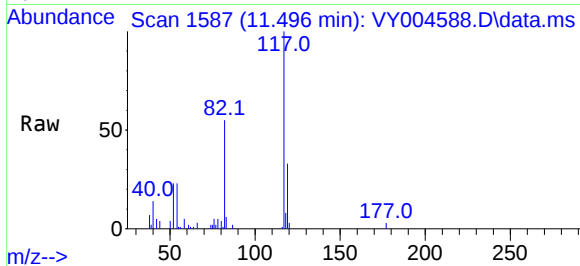




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY004588.D
Acq: 22 Apr 2021 16:25

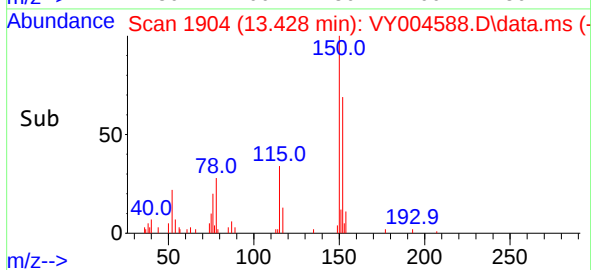
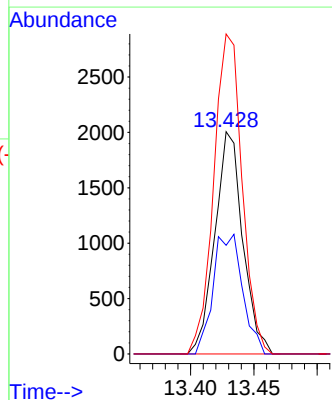
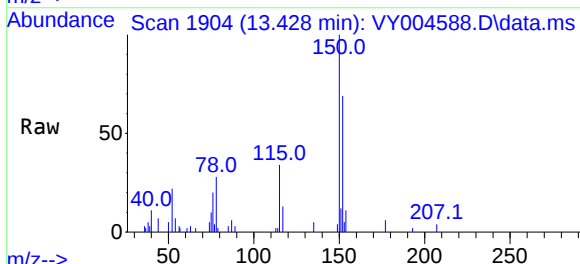
Instrument :
MSVOA_Y
ClientSampleId :
RB44882RT

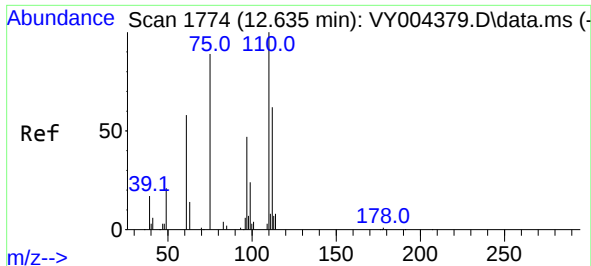
Tgt Ion:	117	Resp:	7889
Ion	Ratio	Lower	Upper
117	100		
82	55.4	44.9	67.3
119	32.9	25.4	38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY004588.D
Acq: 22 Apr 2021 16:25

Tgt Ion:	152	Resp:	3076
Ion	Ratio	Lower	Upper
152	100		
115	56.7	29.6	88.8
150	146.4	0.0	348.4

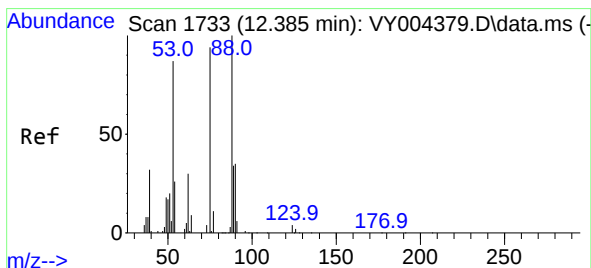
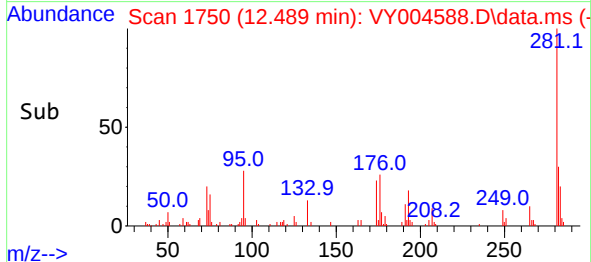
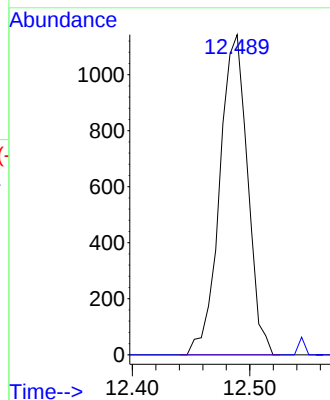
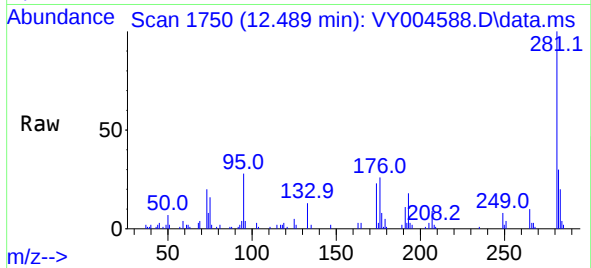




#76
1,2,3-Trichloropropane
Concen: 57.07 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. -0.146 min
Lab File: VY004588.D
Acq: 22 Apr 2021 16:25

Instrument :
MSVOA_Y
ClientSampleId :
RB44882RT

Tgt Ion: 75 Resp: 1884
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0



#81
trans-1,4-Dichloro-2-butene
Concen: 102.09 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.104 min
Lab File: VY004588.D
Acq: 22 Apr 2021 16:25

Tgt Ion: 75 Resp: 1884
Ion Ratio Lower Upper
75 100
53 0.0 75.0 112.6#
89 1.3 36.1 54.1#

