

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070121\
 Data File : VY005316.D
 Acq On : 01 Jul 2021 16:02
 Operator : SY/MD
 Sample : M2793-06
 Misc : 5.01G/5ML/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-6

Quant Time: Jul 02 05:16:46 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)

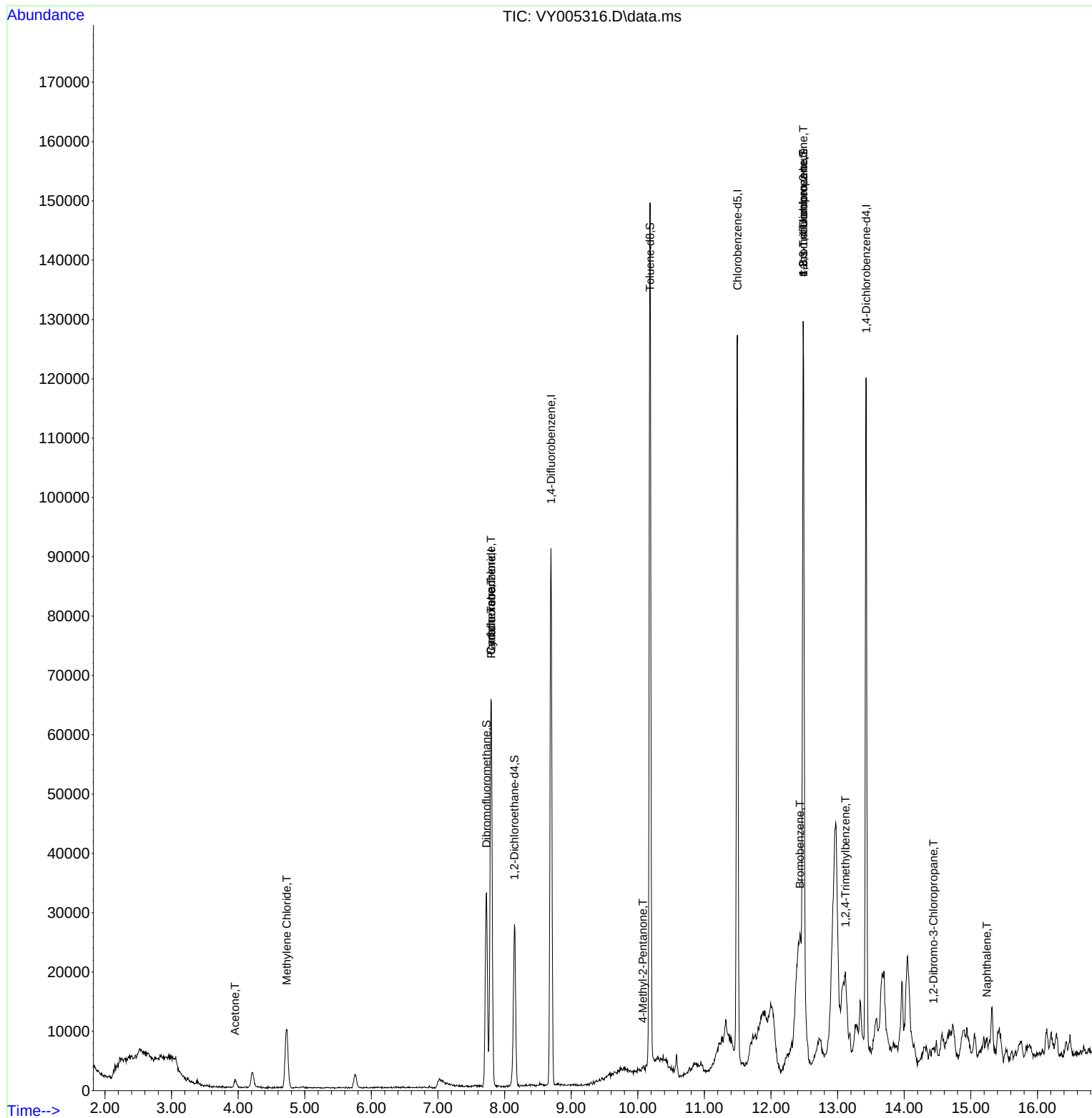
Internal Standards						
1) Pentafluorobenzene	7.801	168	56386	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	80296	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	70978	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	30316	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	20840	44.537	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	89.080%
35) Dibromofluoromethane	7.728	113	22709	47.955	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	95.900%
50) Toluene-d8	10.185	98	98191	51.850	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	103.700%
62) 4-Bromofluorobenzene	12.483	95	28876	45.758	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	91.520%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.960	59	230	Below Cal	#	77
16) Acetone	3.954	43	2448	22.646	ug/l	99
20) Methylene Chloride	4.728	84	7790	5.862	ug/l #	87
31) Cyclohexane	7.795	56	953	1.141	ug/l #	1
38) Carbon Tetrachloride	7.795	117	5002	6.758	ug/l #	16
51) 4-Methyl-2-Pentanone	10.075	43	477	1.360	ug/l #	54
76) 1,2,3-Trichloropropane	12.483	75	15041	55.942	ug/l #	100
77) Bromobenzene	12.434	156	22753	43.608	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.483	75	15041	104.374	ug/l #	18
84) 1,2,4-Trimethylbenzene	13.117	105	2611	1.624	ug/l #	42
92) 1,2-Dibromo-3-Chloropr...	14.440	75	128	1.983	ug/l	58
95) Naphthalene	15.239	128	1293	1.126	ug/l #	84

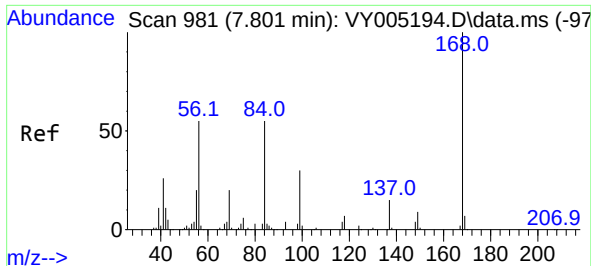
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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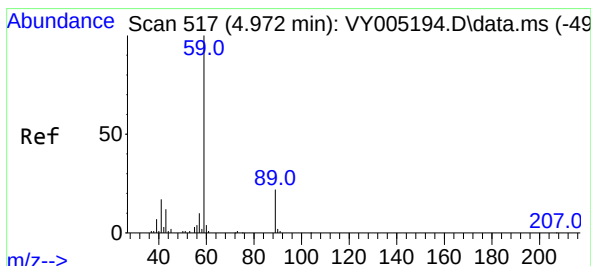
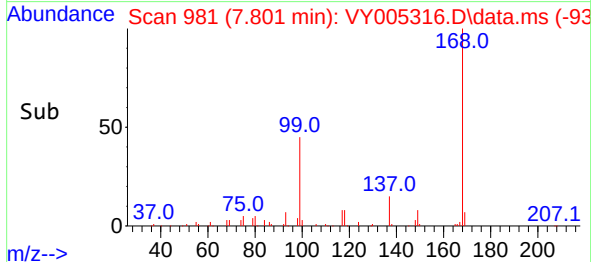
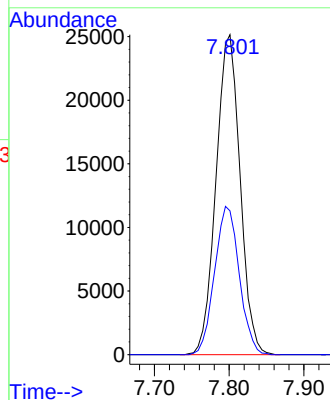
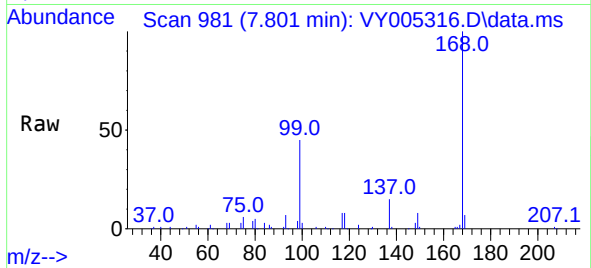




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY005316.D
Acq: 01 Jul 2021 16:02

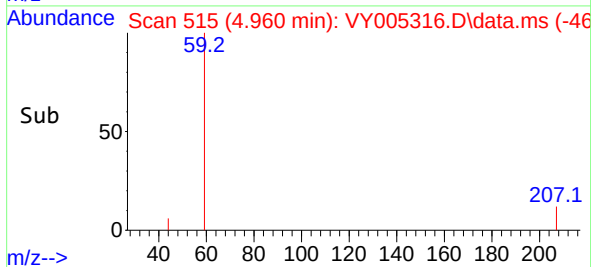
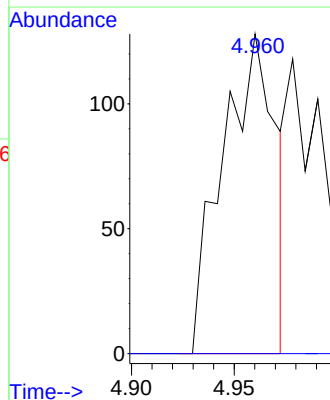
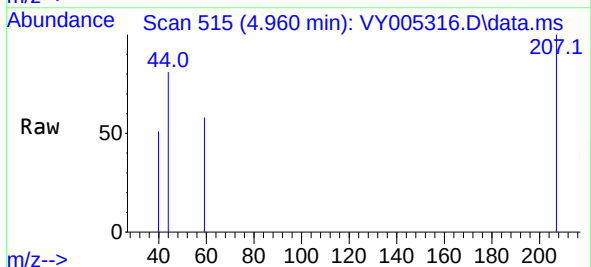
Instrument :
MSVOA_Y
ClientSampled :
SB-6

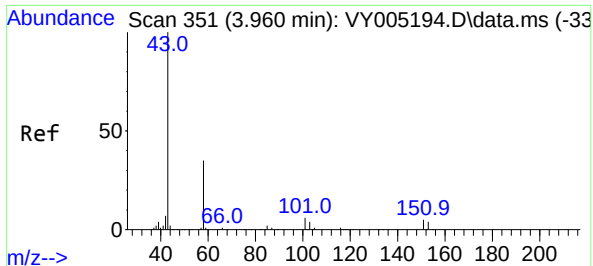
Tgt Ion:168 Resp: 56386
Ion Ratio Lower Upper
168 100
99 44.9 36.2 54.4



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.960 min Scan# 515
Delta R.T. -0.012 min
Lab File: VY005316.D
Acq: 01 Jul 2021 16:02

Tgt Ion: 59 Resp: 230
Ion Ratio Lower Upper
59 100
57 0.0 6.5 9.7#

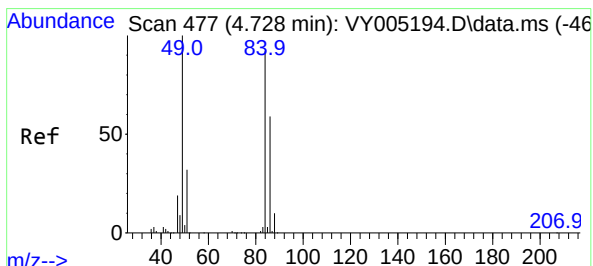
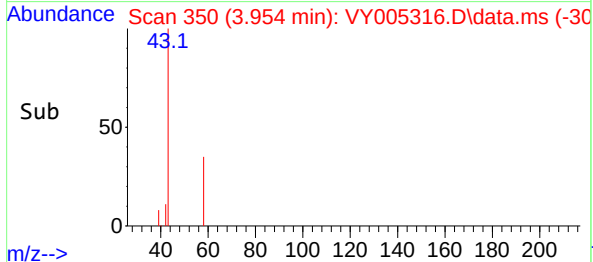
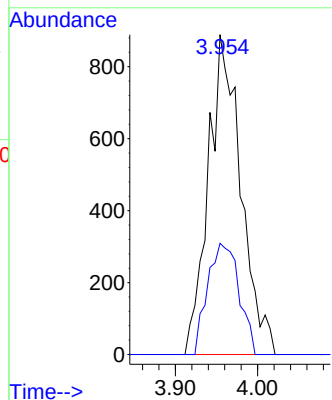
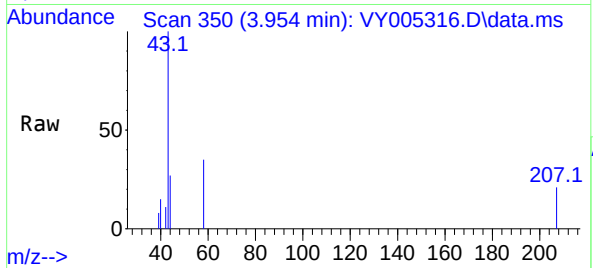




#16
Acetone
Concen: 22.646 ug/l
RT: 3.954 min Scan# 350
Delta R.T. -0.006 min
Lab File: VY005316.D
Acq: 01 Jul 2021 16:02

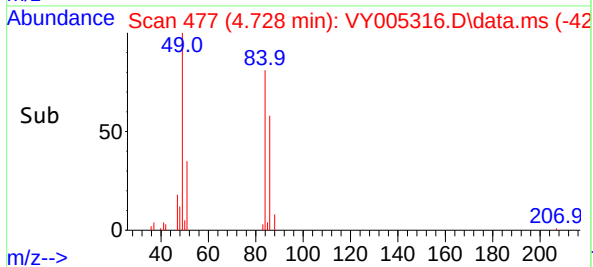
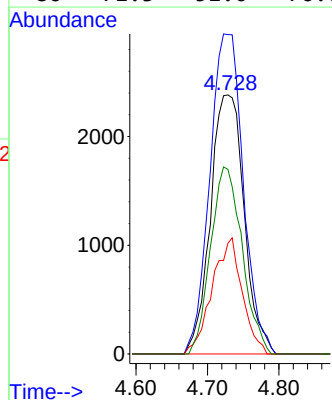
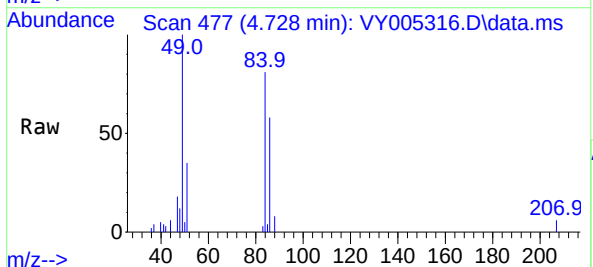
Instrument :
MSVOA_Y
ClientSampleId :
SB-6

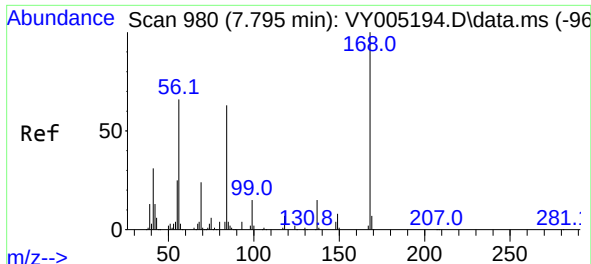
Tgt Ion: 43 Resp: 2448
Ion Ratio Lower Upper
43 100
58 34.8 28.2 42.2



#20
Methylene Chloride
Concen: 5.862 ug/l
RT: 4.728 min Scan# 477
Delta R.T. 0.000 min
Lab File: VY005316.D
Acq: 01 Jul 2021 16:02

Tgt Ion: 84 Resp: 7790
Ion Ratio Lower Upper
84 100
49 123.3 86.9 130.3
51 42.7 27.4 41.2#
86 71.3 51.0 76.6

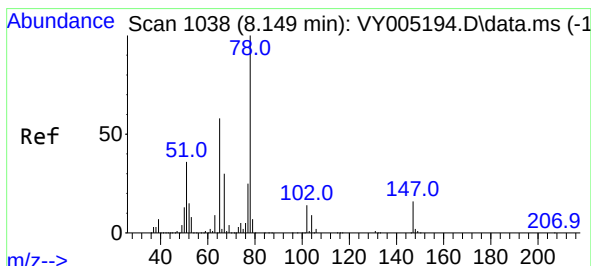
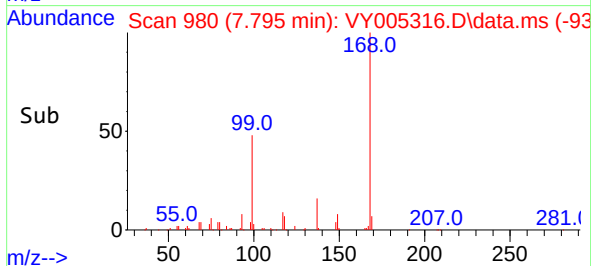
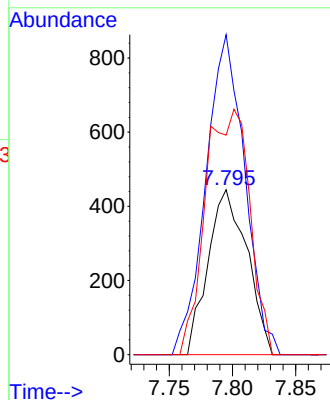
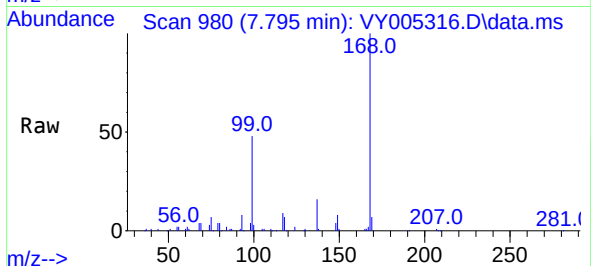




#31
Cyclohexane
Concen: 1.141 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY005316.D
Acq: 01 Jul 2021 16:02

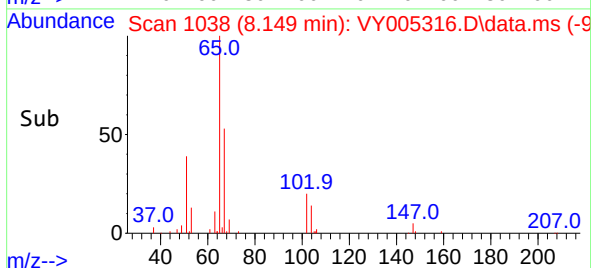
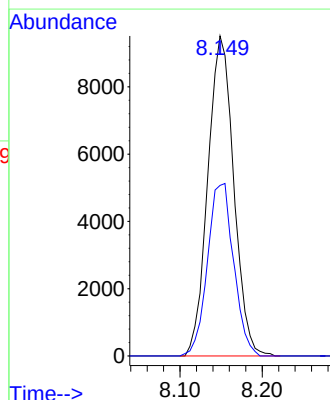
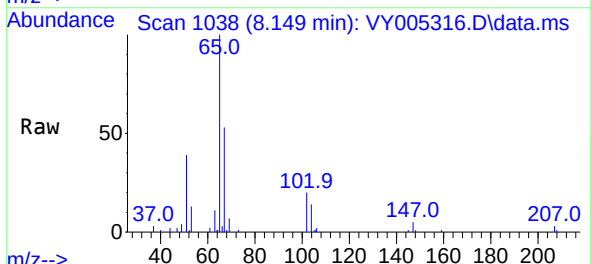
Instrument :
MSVOA_Y
ClientSampled :
SB-6

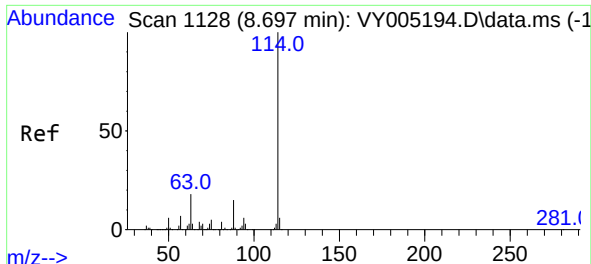
Tgt Ion: 56 Resp: 953
Ion Ratio Lower Upper
56 100
69 193.9 29.6 44.4#
84 133.0 76.4 114.6#



#33
1,2-Dichloroethane-d4
Concen: 44.537 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY005316.D
Acq: 01 Jul 2021 16:02

Tgt Ion: 65 Resp: 20840
Ion Ratio Lower Upper
65 100
67 54.5 0.0 110.6

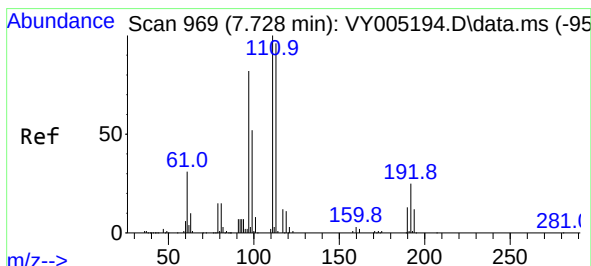
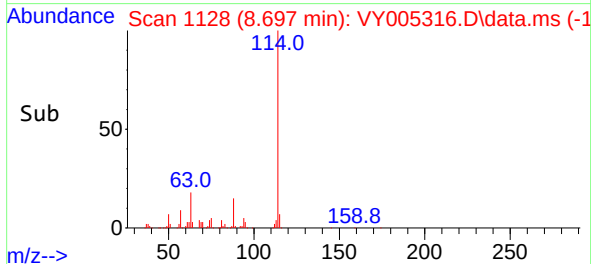
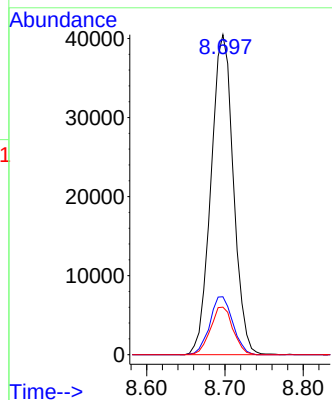
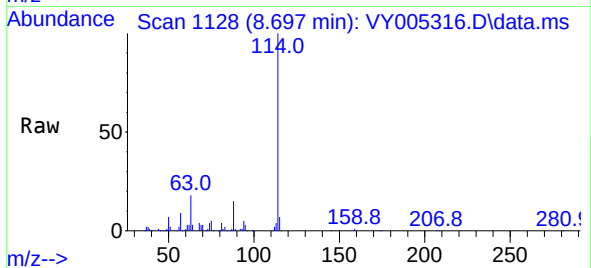




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY005316.D
Acq: 01 Jul 2021 16:02

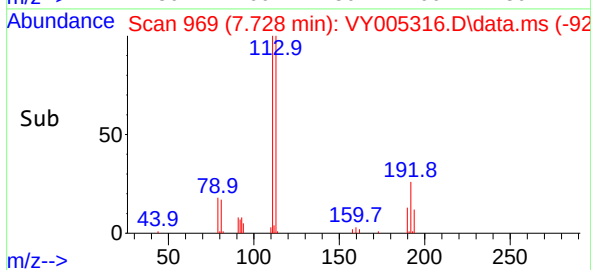
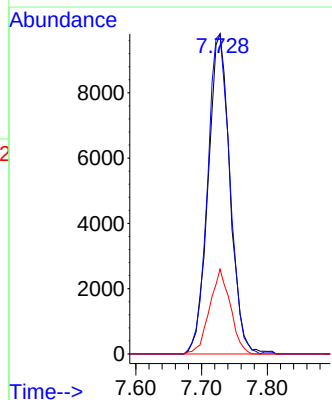
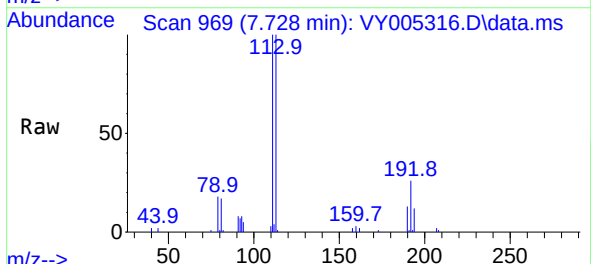
Instrument :
MSVOA_Y
ClientSampleId :
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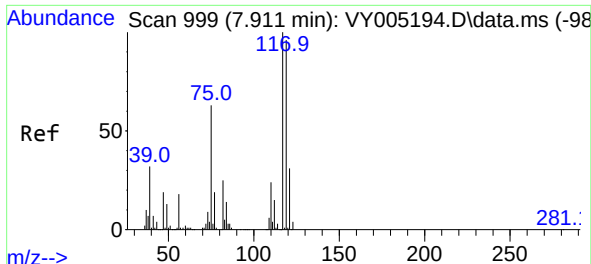
Tgt Ion:	114	Resp:	80296
Ion Ratio	Lower	Upper	
114	100		
63	18.1	0.0	35.2
88	14.9	0.0	29.4



#35
Dibromofluoromethane
Concen: 47.955 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.000 min
Lab File: VY005316.D
Acq: 01 Jul 2021 16:02

Tgt Ion:	113	Resp:	22709
Ion Ratio	Lower	Upper	
113	100		
111	101.8	82.6	124.0
192	25.1	20.2	30.2

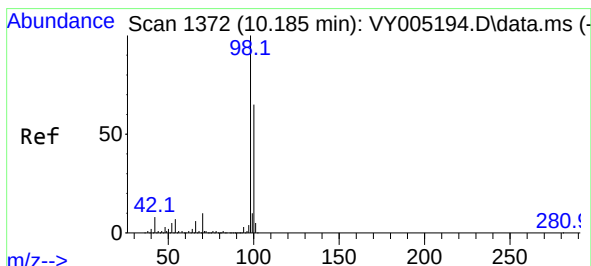
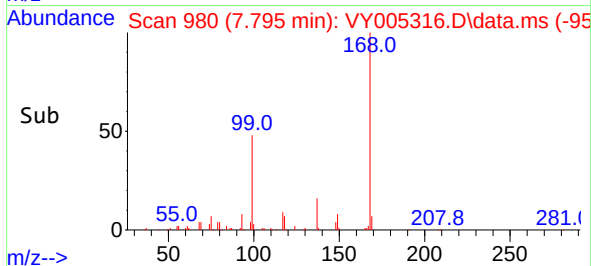
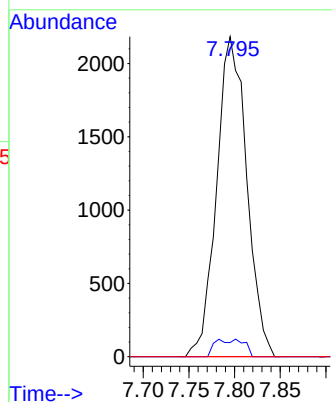
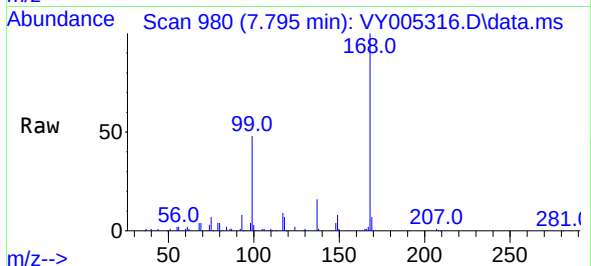




#38
Carbon Tetrachloride
Concen: 6.758 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.116 min
Lab File: VY005316.D
Acq: 01 Jul 2021 16:02

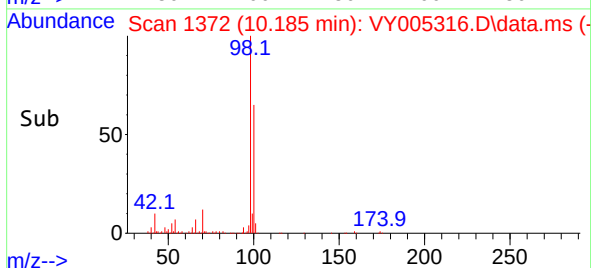
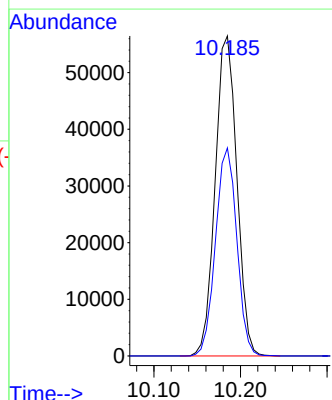
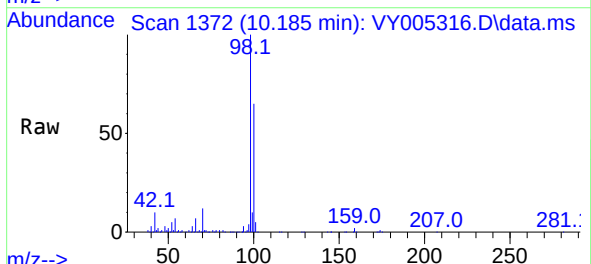
Instrument :
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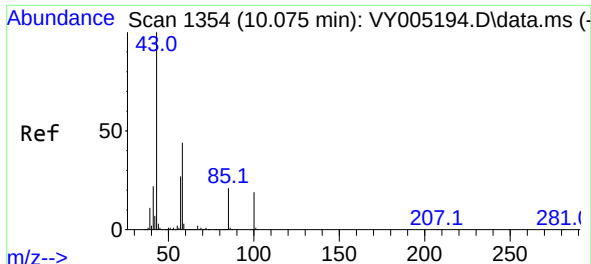
Tgt Ion:117 Resp: 5002
Ion Ratio Lower Upper
117 100
119 4.4 76.2 114.4#
121 0.0 24.7 37.1#



#50
Toluene-d8
Concen: 51.850 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY005316.D
Acq: 01 Jul 2021 16:02

Tgt Ion: 98 Resp: 98191
Ion Ratio Lower Upper
98 100
100 64.0 51.9 77.9

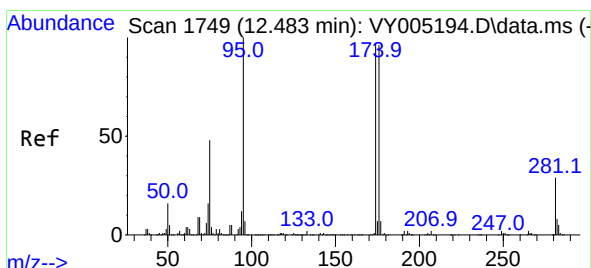
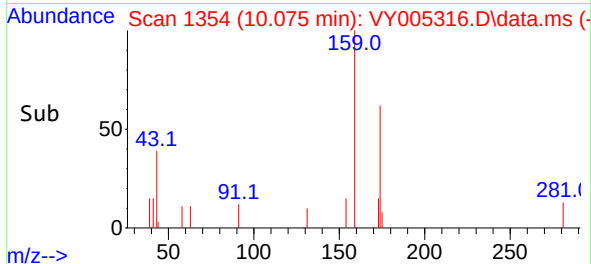
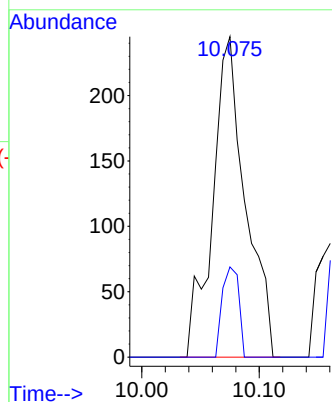
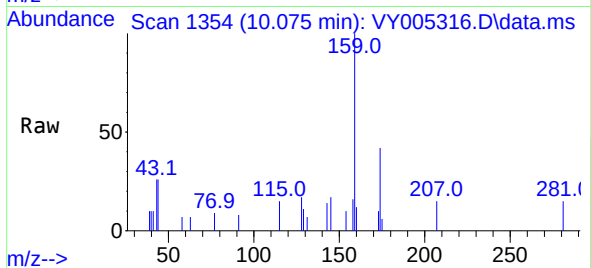




#51
4-Methyl-2-Pentanone
Concen: 1.360 ug/l
RT: 10.075 min Scan# 1354
Delta R.T. 0.000 min
Lab File: VY005316.D
Acq: 01 Jul 2021 16:02

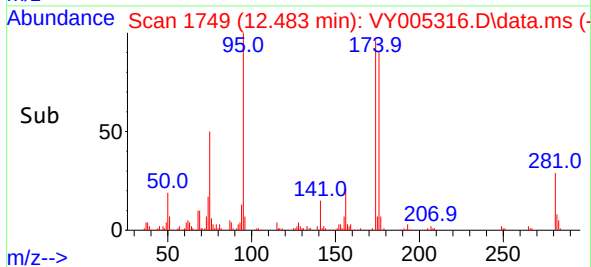
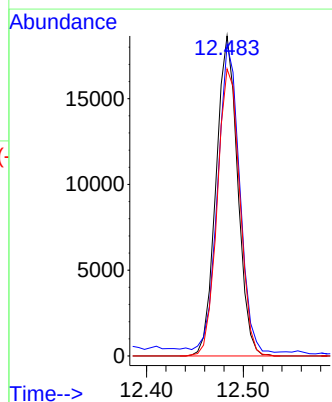
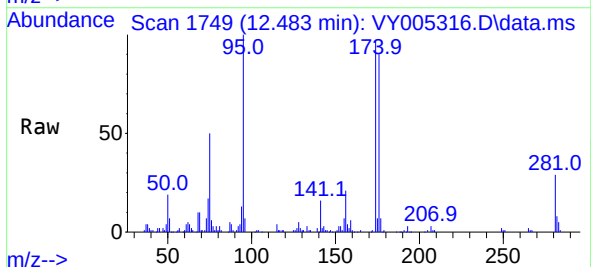
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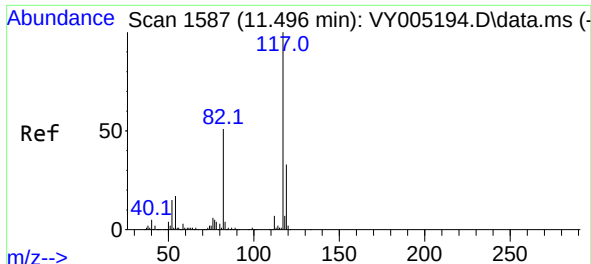
Tgt Ion: 43 Resp: 477
Ion Ratio Lower Upper
43 100
58 14.3 35.3 52.9#



#62
4-Bromofluorobenzene
Concen: 45.758 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY005316.D
Acq: 01 Jul 2021 16:02

Tgt Ion: 95 Resp: 28876
Ion Ratio Lower Upper
95 100
174 96.6 0.0 201.6
176 93.1 0.0 197.4

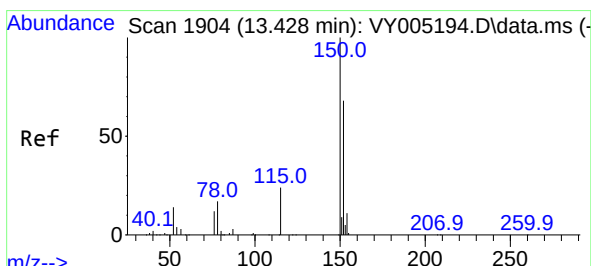
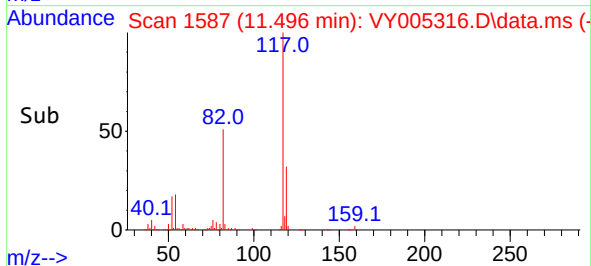
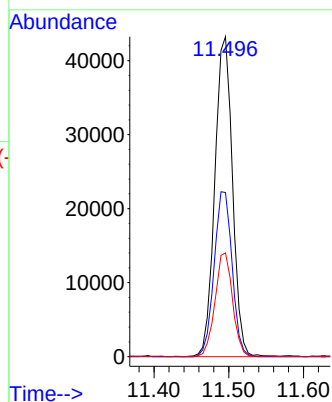
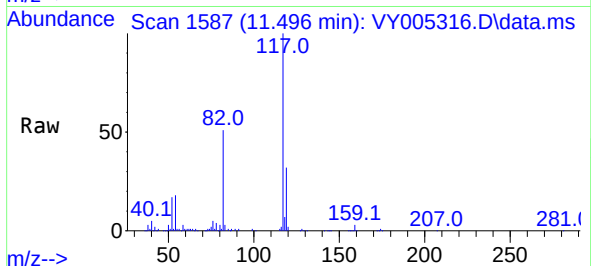




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY005316.D
Acq: 01 Jul 2021 16:02

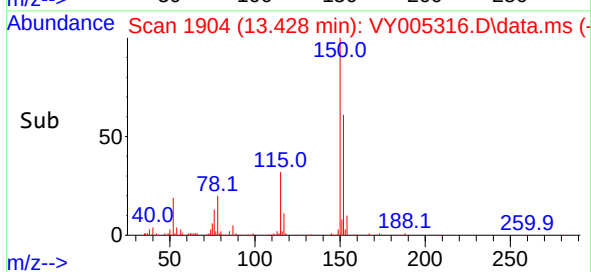
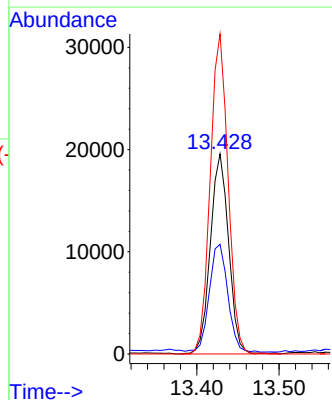
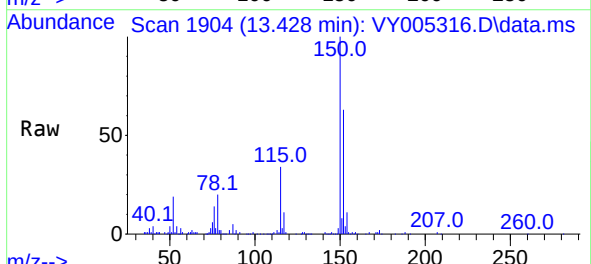
Instrument :
MSVOA_Y
ClientSampled :
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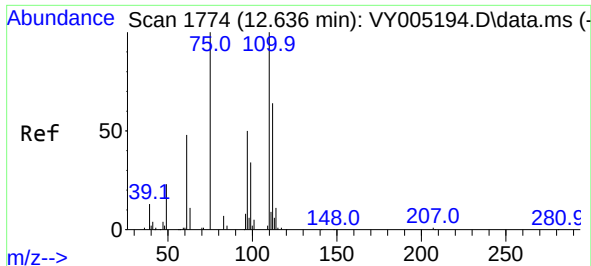
Tgt Ion:	117	Resp:	70978
Ion	Ratio	Lower	Upper
117	100		
82	51.3	40.6	60.8
119	32.5	26.1	39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY005316.D
Acq: 01 Jul 2021 16:02

Tgt Ion:	152	Resp:	30316
Ion	Ratio	Lower	Upper
152	100		
115	54.2	26.3	78.8
150	155.5	0.0	344.2

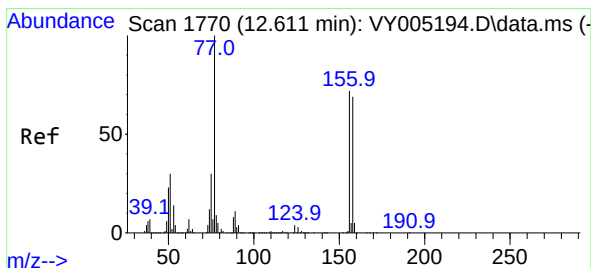
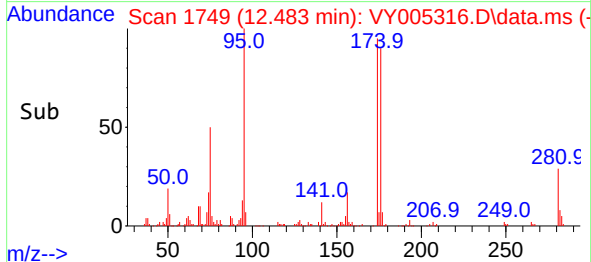
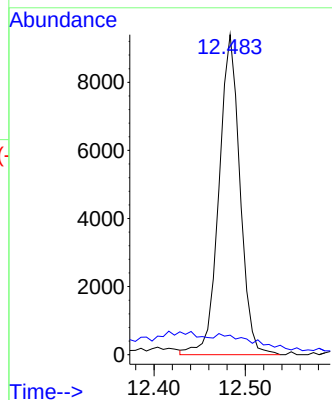
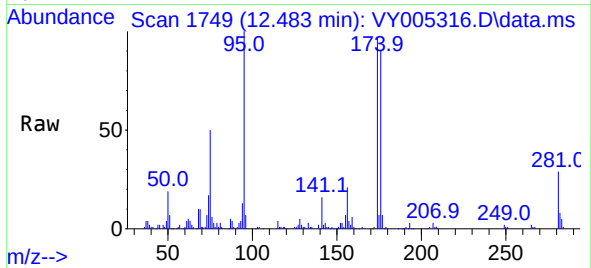




#76
1,2,3-Trichloropropane
Concen: 55.942 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY005316.D
Acq: 01 Jul 2021 16:02

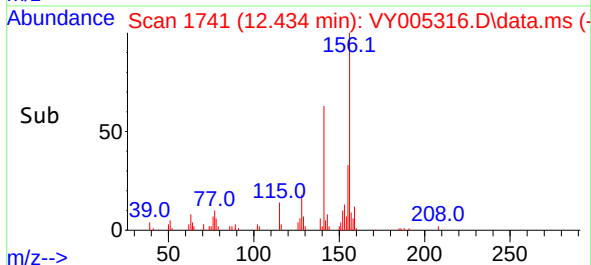
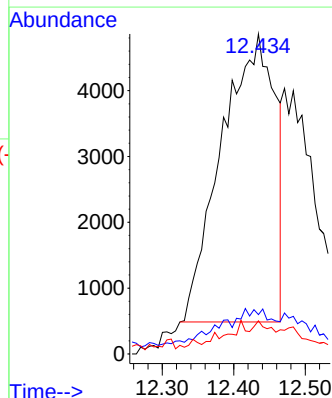
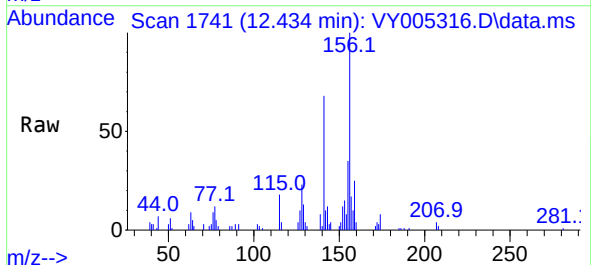
Instrument :
MSVOA_Y
ClientSampled :
SB-6

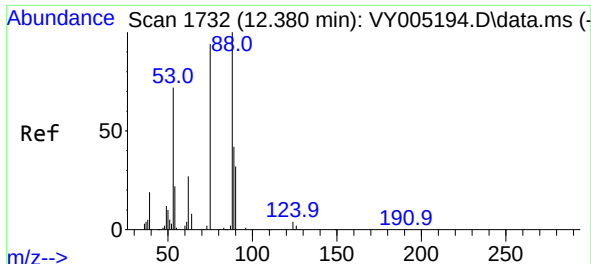
Tgt Ion: 75 Resp: 15041
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0



#77
Bromobenzene
Concen: 43.608 ug/l
RT: 12.434 min Scan# 1741
Delta R.T. -0.177 min
Lab File: VY005316.D
Acq: 01 Jul 2021 16:02

Tgt Ion: 156 Resp: 22753
Ion Ratio Lower Upper
156 100
77 0.0 78.5 235.7#
158 1.1 48.2 144.6#

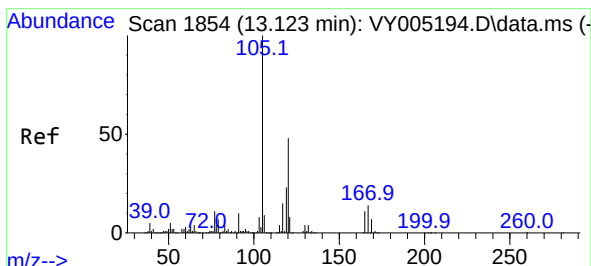
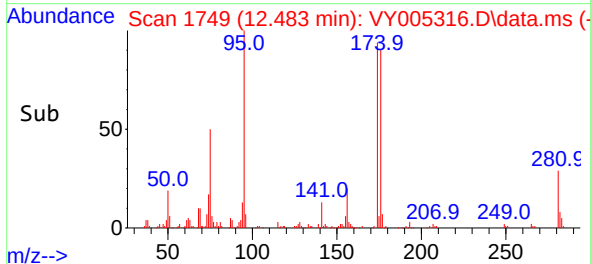
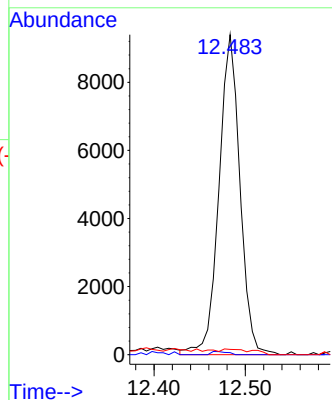
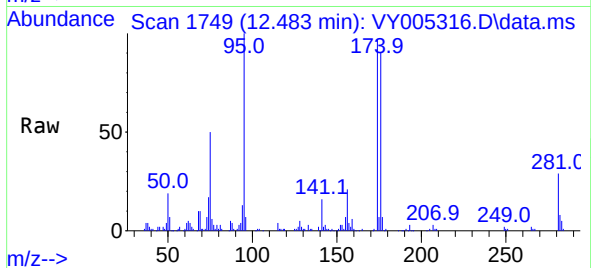




#81
trans-1,4-Dichloro-2-butene
Concen: 104.374 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY005316.D
Acq: 01 Jul 2021 16:02

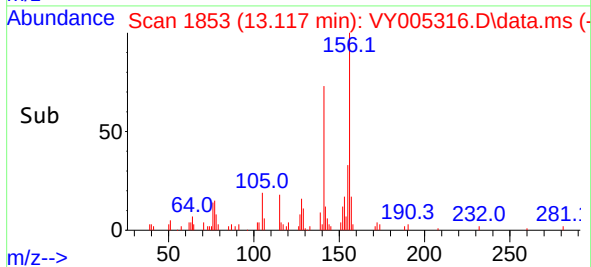
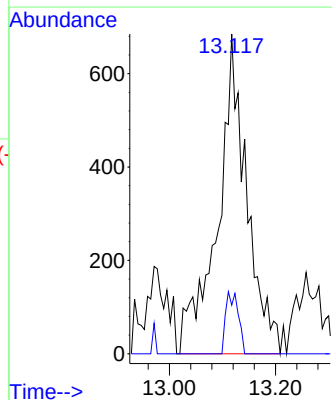
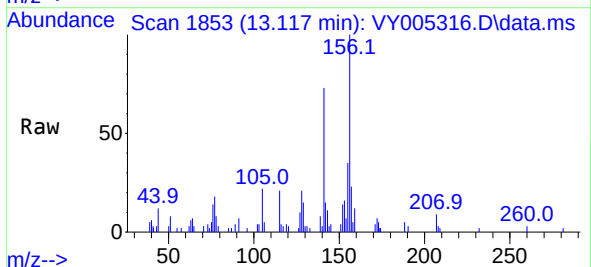
Instrument :
MSVOA_Y
ClientSampled :
SB-6

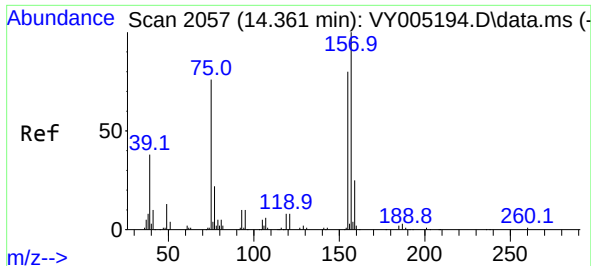
Tgt Ion:	75	Resp:	15041
Ion	Ratio	Lower	Upper
75	100		
53	0.8	63.0	94.4#
89	0.8	38.0	57.0#



#84
1,2,4-Trimethylbenzene
Concen: 1.624 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. -0.006 min
Lab File: VY005316.D
Acq: 01 Jul 2021 16:02

Tgt Ion:	105	Resp:	2611
Ion	Ratio	Lower	Upper
105	100		
120	8.2	23.6	71.0#

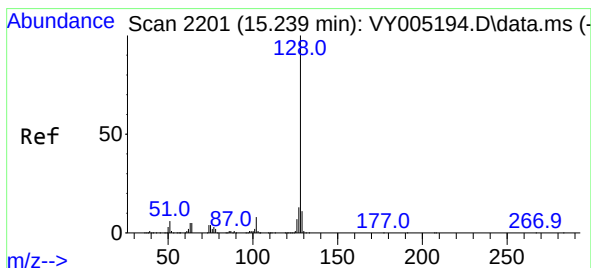
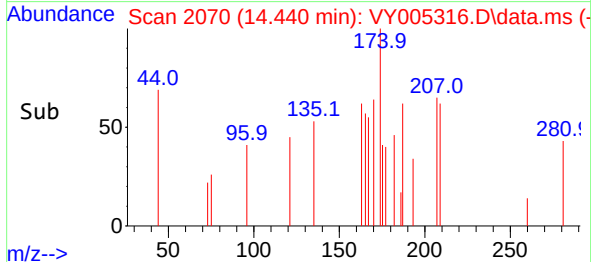
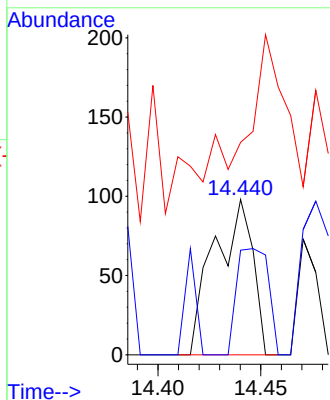
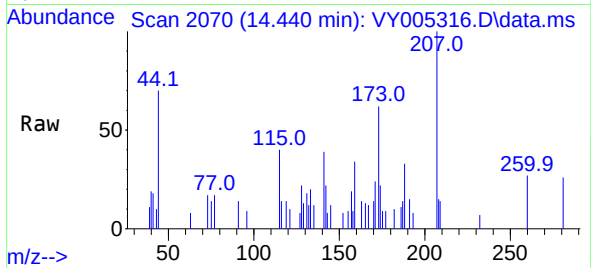




#92
1,2-Dibromo-3-Chloropropane
Concen: 1.983 ug/l
RT: 14.440 min Scan# 2070
Delta R.T. 0.079 min
Lab File: VY005316.D
Acq: 01 Jul 2021 16:02

Instrument :
MSVOA_Y
ClientSampleId :
SB-6

Tgt Ion: 75 Resp: 128
Ion Ratio Lower Upper
75 100
155 56.3 52.4 157.3
157 89.1 67.3 201.8



#95
Naphthalene
Concen: 1.126 ug/l
RT: 15.239 min Scan# 2201
Delta R.T. 0.000 min
Lab File: VY005316.D
Acq: 01 Jul 2021 16:02

Tgt Ion: 128 Resp: 1293
Ion Ratio Lower Upper
128 100
127 24.1 10.2 15.4#
129 10.2 8.7 13.1

