

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070121\
 Data File : VY005322.D
 Acq On : 01 Jul 2021 18:21
 Operator : SY/MD
 Sample : M2913-05
 Misc : 6.56G/5ML/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 D-3100

Quant Time: Jul 02 05:18:31 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)

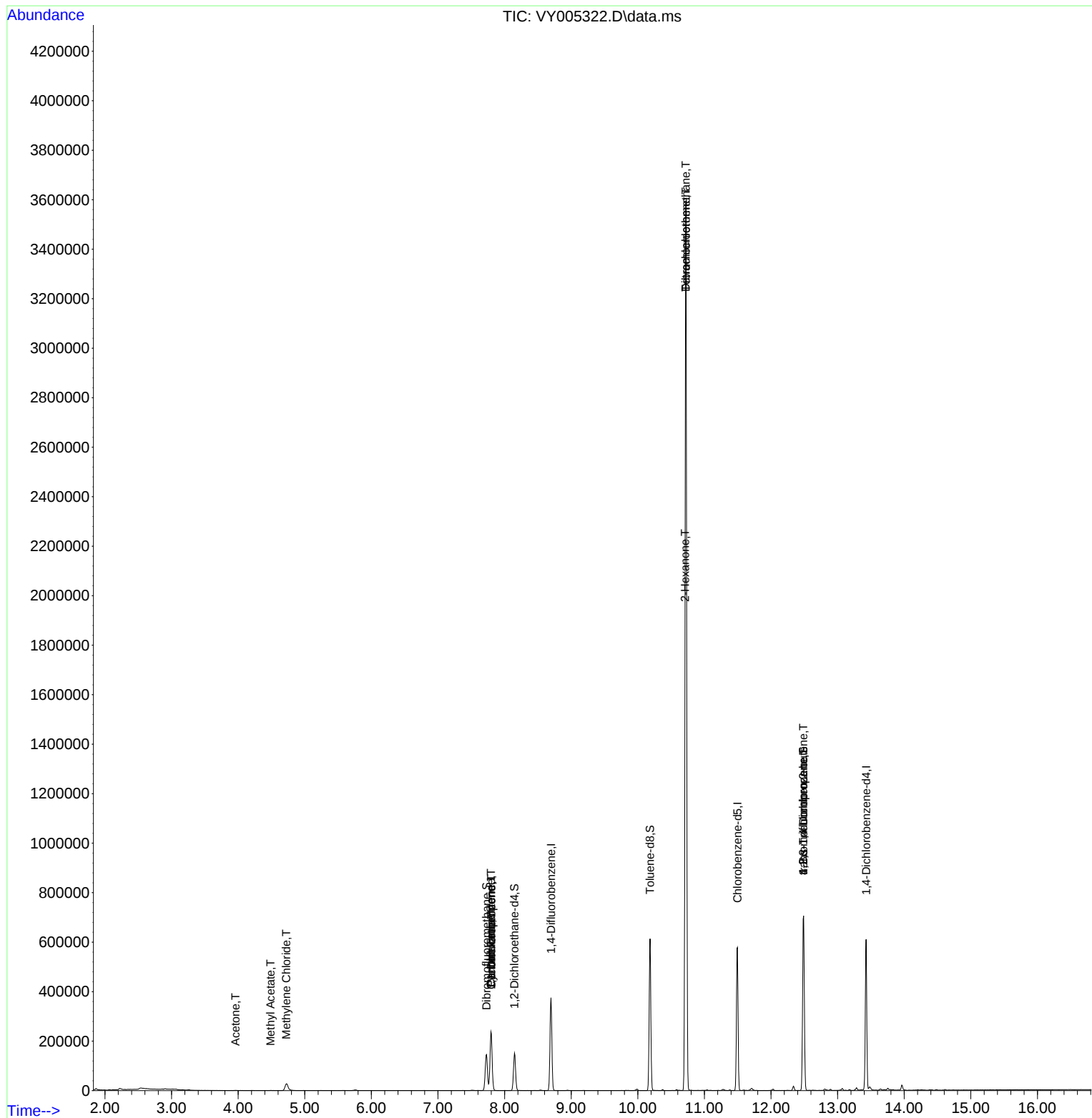
Internal Standards						
1) Pentafluorobenzene	7.795	168	201400	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	325725	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	332671	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	163407	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	117296	70.181	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 140.360%	
35) Dibromofluoromethane	7.728	113	102599	53.410	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 106.820%	
50) Toluene-d8	10.185	98	404842	52.699	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 105.400%	
62) 4-Bromofluorobenzene	12.483	95	143797	56.173	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 112.340%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.972	59	770	Below Cal	#	77
16) Acetone	3.960	43	1178	3.051	ug/l	92
18) Methyl Acetate	4.485	43	1075	1.048	ug/l #	64
20) Methylene Chloride	4.722	84	21387	2.029	ug/l	91
31) Cyclohexane	7.801	56	3423	1.147	ug/l #	9
36) 1,1-Dichloropropene	7.801	75	13185	4.597	ug/l #	47
38) Carbon Tetrachloride	7.795	117	17260	5.749	ug/l #	17
59) 2-Hexanone	10.709	43	1167	1.192	ug/l	67
60) Dibromochloromethane	10.721	129	657038	312.070	ug/l #	11
64) Tetrachloroethene	10.721	164	831481	338.704	ug/l	99
76) 1,2,3-Trichloropropane	12.483	75	74260	51.241	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	74260	95.604	ug/l #	18

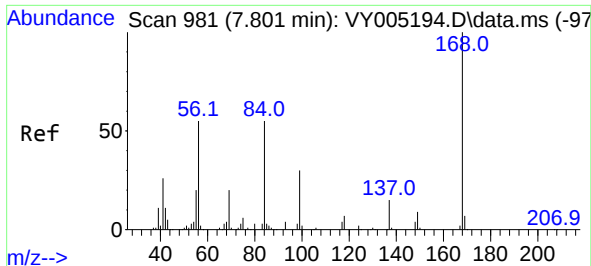
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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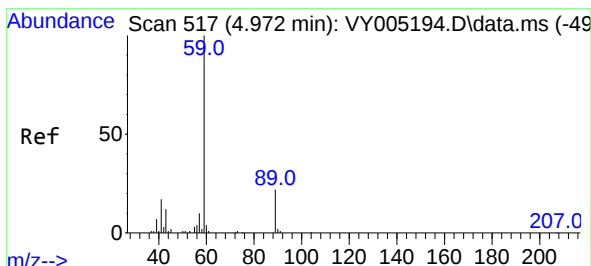
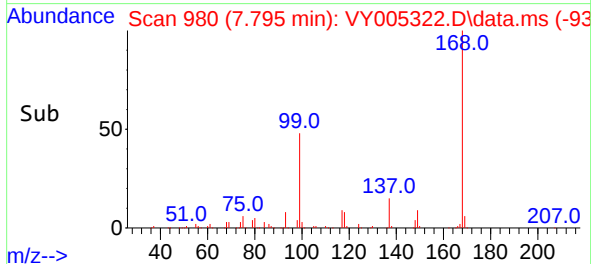
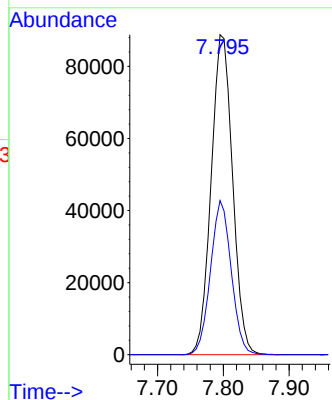
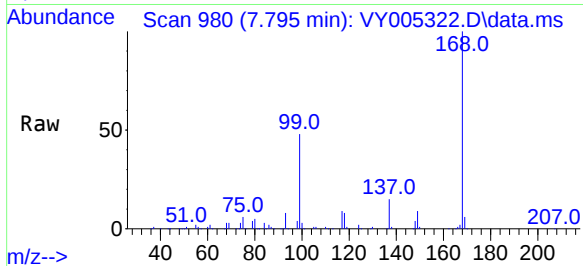




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.006 min
Lab File: VY005322.D
Acq: 01 Jul 2021 18:21

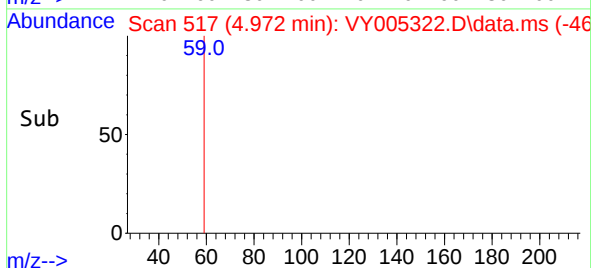
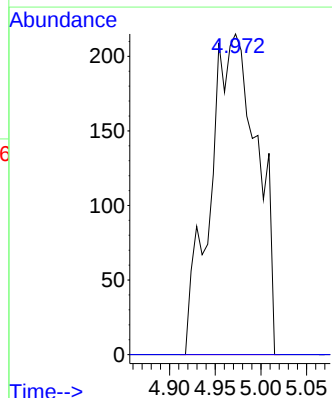
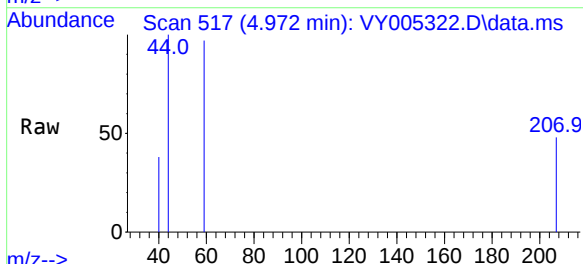
Instrument :
MSVOA_Y
ClientSampleId :
D-3100

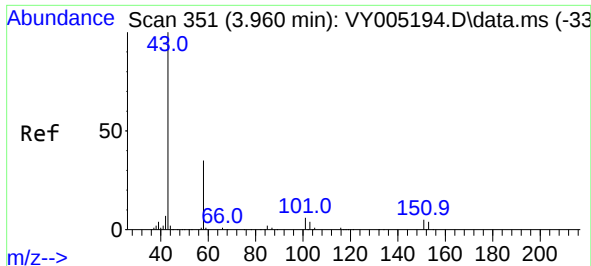
Tgt Ion:168 Resp: 201400
Ion Ratio Lower Upper
168 100
99 48.2 36.2 54.4



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.972 min Scan# 517
Delta R.T. 0.000 min
Lab File: VY005322.D
Acq: 01 Jul 2021 18:21

Tgt Ion: 59 Resp: 770
Ion Ratio Lower Upper
59 100
57 0.0 6.5 9.7#

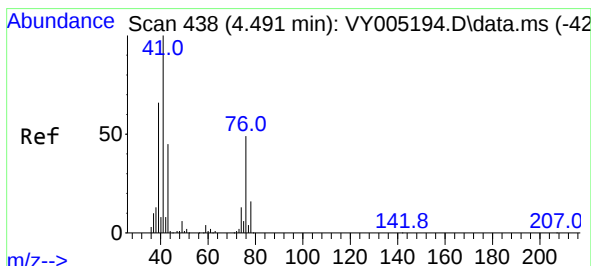
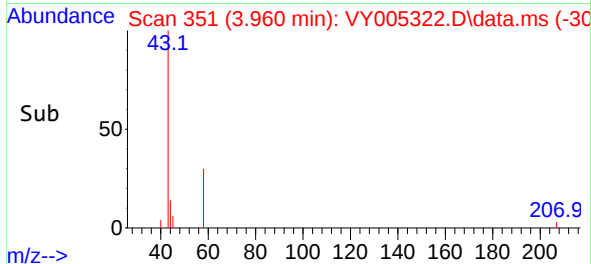
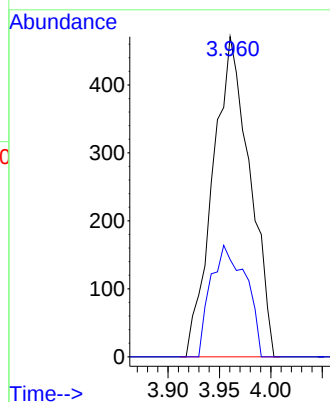
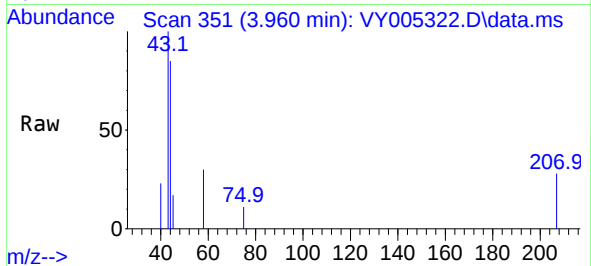




#16
Acetone
Concen: 3.051 ug/l
RT: 3.960 min Scan# 351
Delta R.T. -0.000 min
Lab File: VY005322.D
Acq: 01 Jul 2021 18:21

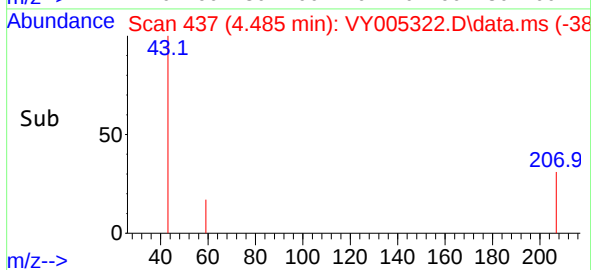
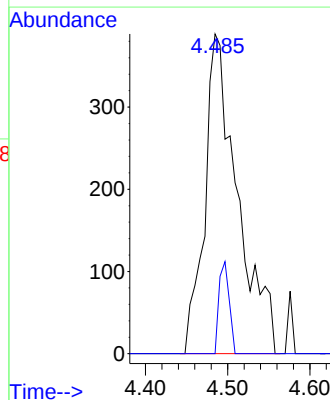
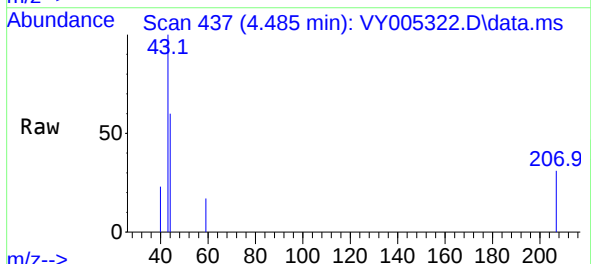
Instrument :
MSVOA_Y
ClientSampleId :
D-3100

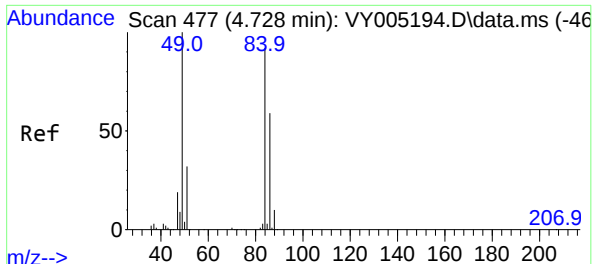
Tgt Ion: 43 Resp: 1178
Ion Ratio Lower Upper
43 100
58 30.4 28.2 42.2



#18
Methyl Acetate
Concen: 1.048 ug/l
RT: 4.485 min Scan# 437
Delta R.T. -0.006 min
Lab File: VY005322.D
Acq: 01 Jul 2021 18:21

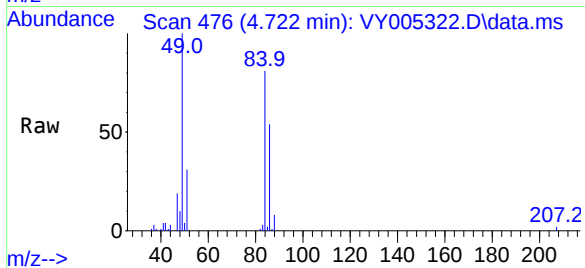
Tgt Ion: 43 Resp: 1075
Ion Ratio Lower Upper
43 100
74 8.9 22.5 33.7#





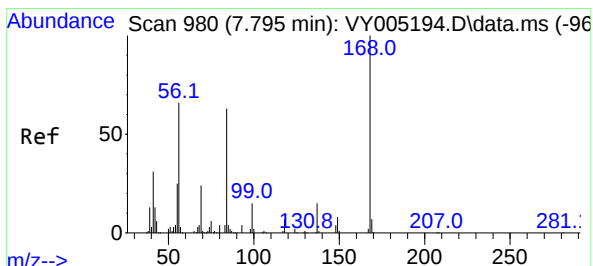
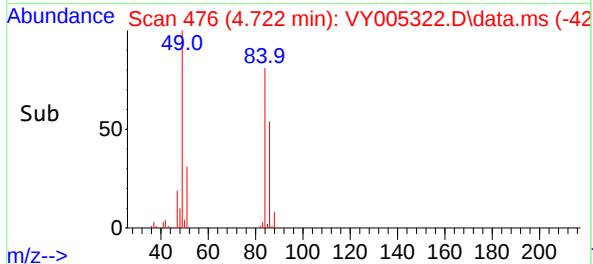
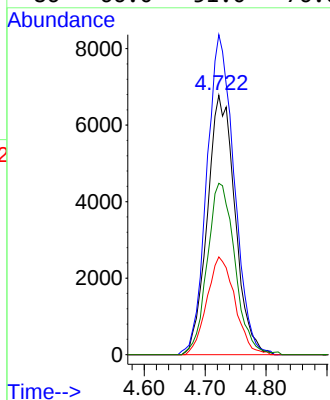
#20
Methylene Chloride
Concen: 2.029 ug/l
RT: 4.722 min Scan# 476
Delta R.T. -0.006 min
Lab File: VY005322.D
Acq: 01 Jul 2021 18:21

Instrument :
MSVOA_Y
ClientSampleId :
D-3100



Tgt Ion: 84 Resp: 21387

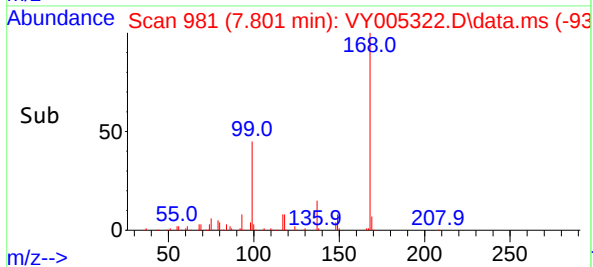
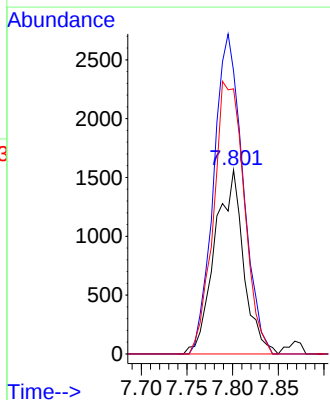
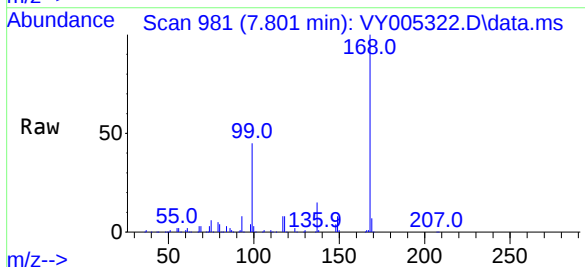
Ion	Ratio	Lower	Upper
84	100		
49	123.3	86.9	130.3
51	37.7	27.4	41.2
86	66.0	51.0	76.6

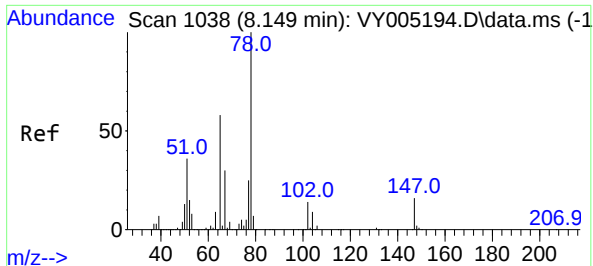


#31
Cyclohexane
Concen: 1.147 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY005322.D
Acq: 01 Jul 2021 18:21

Tgt Ion: 56 Resp: 3423

Ion	Ratio	Lower	Upper
56	100		
69	153.7	29.6	44.4#
84	144.1	76.4	114.6#

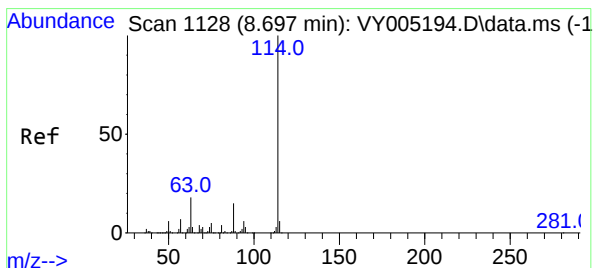
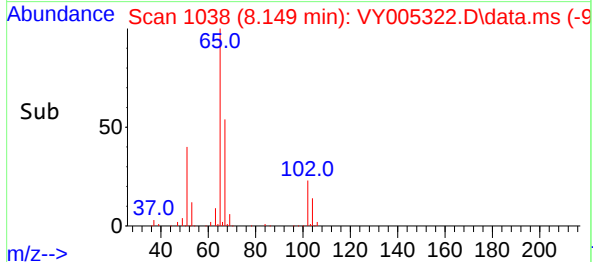
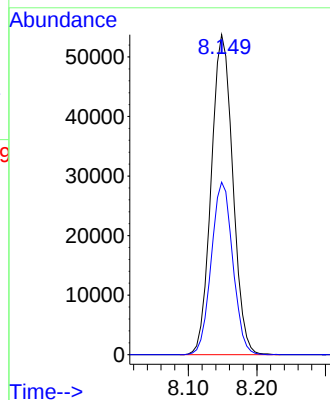
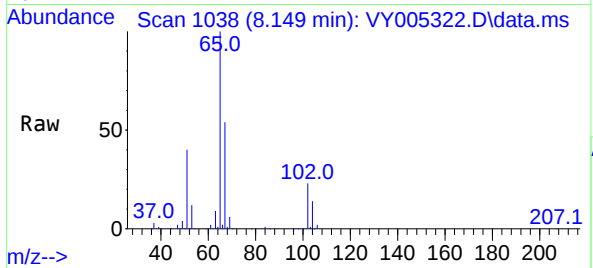




#33
1,2-Dichloroethane-d4
Concen: 70.181 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY005322.D
Acq: 01 Jul 2021 18:21

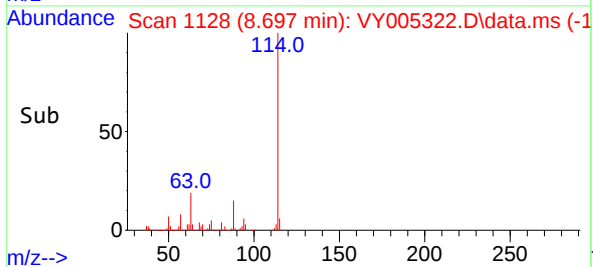
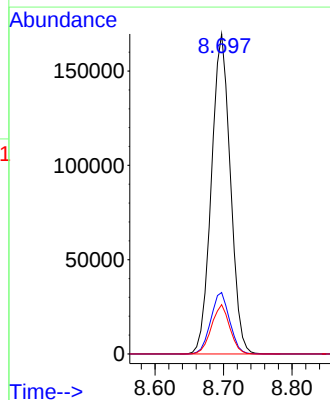
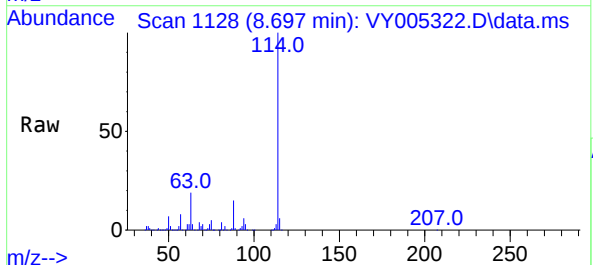
Instrument :
MSVOA_Y
ClientSampleId :
D-3100

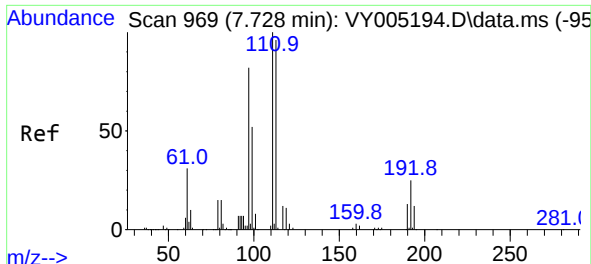
Tgt Ion: 65 Resp: 117296
Ion Ratio Lower Upper
65 100
67 53.6 0.0 110.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY005322.D
Acq: 01 Jul 2021 18:21

Tgt Ion: 114 Resp: 325725
Ion Ratio Lower Upper
114 100
63 19.2 0.0 35.2
88 15.4 0.0 29.4

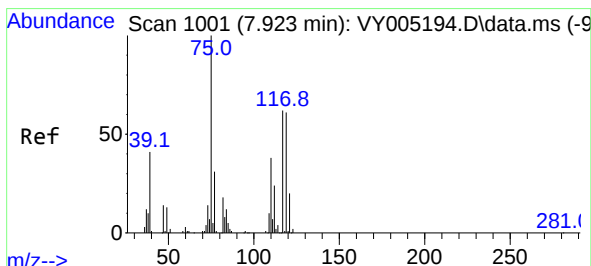
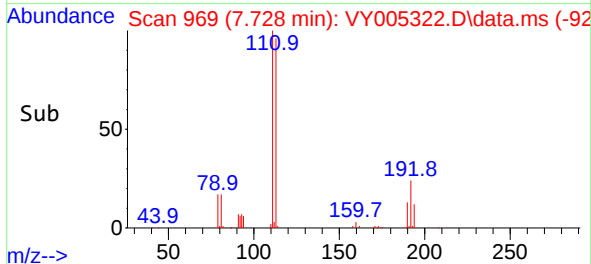
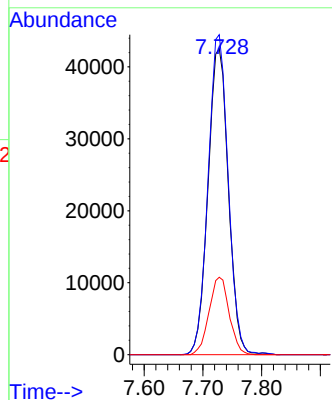
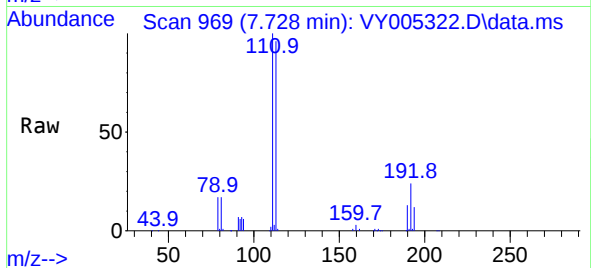




#35
Dibromofluoromethane
Concen: 53.410 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY005322.D
Acq: 01 Jul 2021 18:21

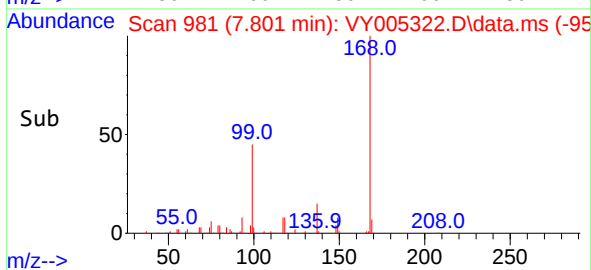
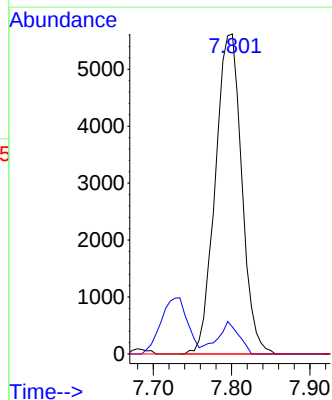
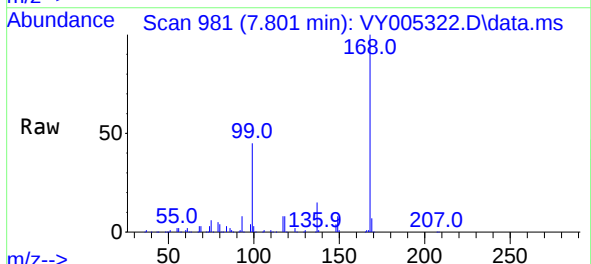
Instrument :
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ClientSampleId :
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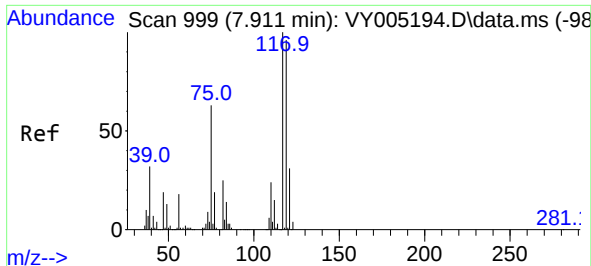
Tgt Ion:113 Resp: 102599
Ion Ratio Lower Upper
113 100
111 103.2 82.6 124.0
192 25.0 20.2 30.2



#36
1,1-Dichloropropene
Concen: 4.597 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.122 min
Lab File: VY005322.D
Acq: 01 Jul 2021 18:21

Tgt Ion: 75 Resp: 13185
Ion Ratio Lower Upper
75 100
110 7.9 19.1 57.5#
77 0.0 25.2 37.8#

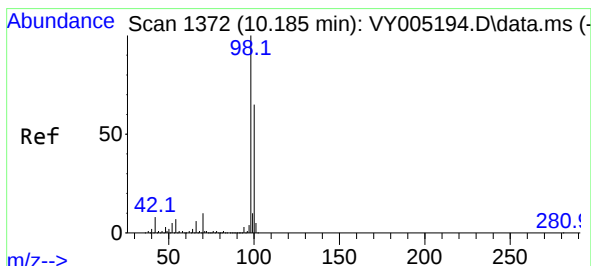
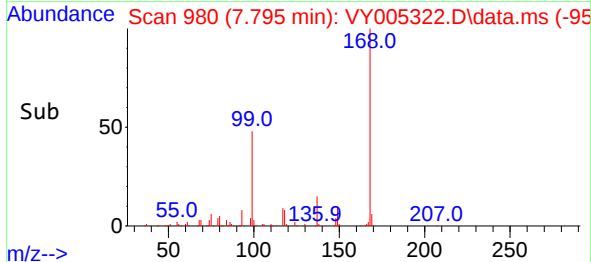
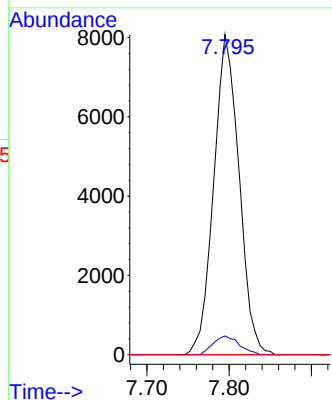
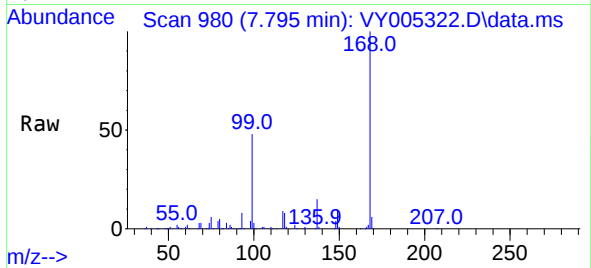




#38
Carbon Tetrachloride
Concen: 5.749 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.116 min
Lab File: VY005322.D
Acq: 01 Jul 2021 18:21

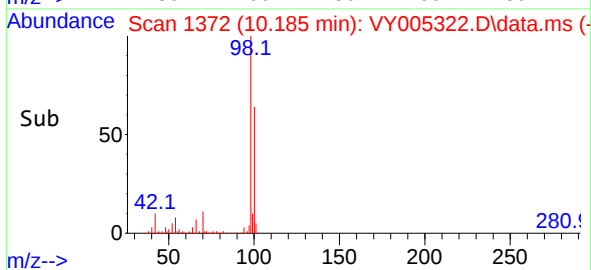
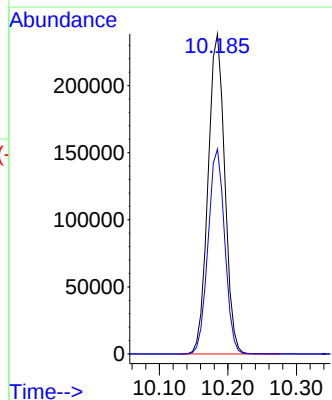
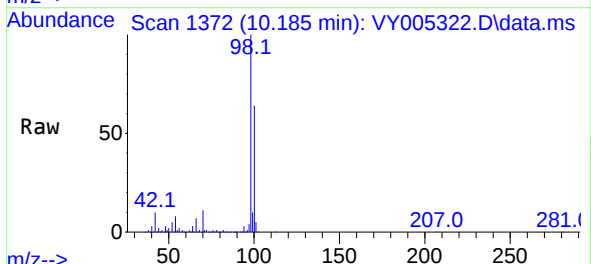
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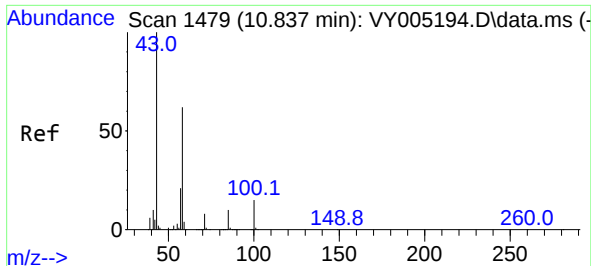
Tgt Ion:117 Resp: 17260
Ion Ratio Lower Upper
117 100
119 5.9 76.2 114.4#
121 0.0 24.7 37.1#



#50
Toluene-d8
Concen: 52.699 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY005322.D
Acq: 01 Jul 2021 18:21

Tgt Ion: 98 Resp: 404842
Ion Ratio Lower Upper
98 100
100 63.7 51.9 77.9

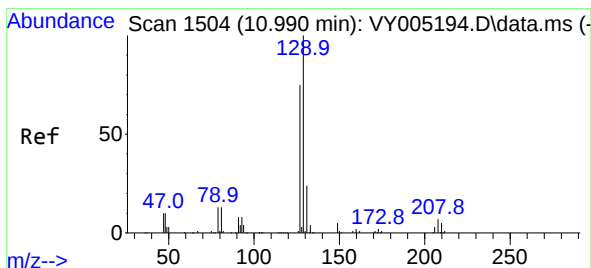
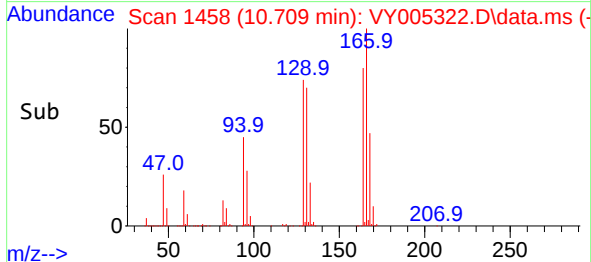
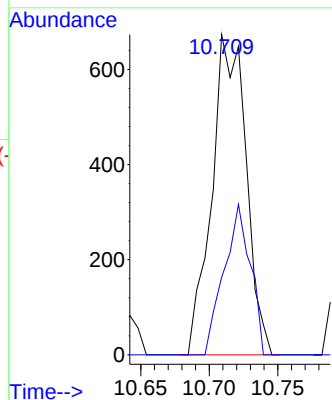
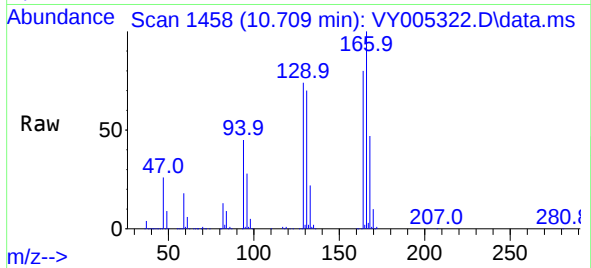




#59
2-Hexanone
Concen: 1.192 ug/l
RT: 10.709 min Scan# 1458
Delta R.T. -0.128 min
Lab File: VY005322.D
Acq: 01 Jul 2021 18:21

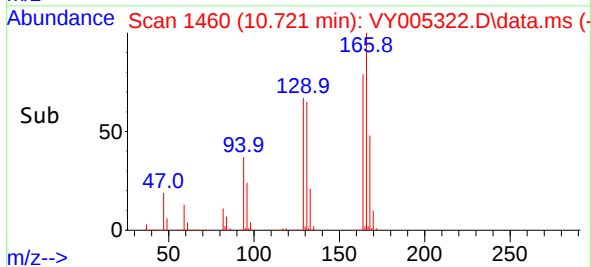
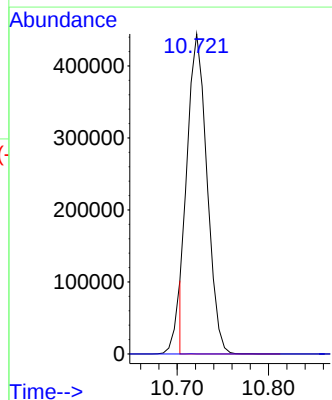
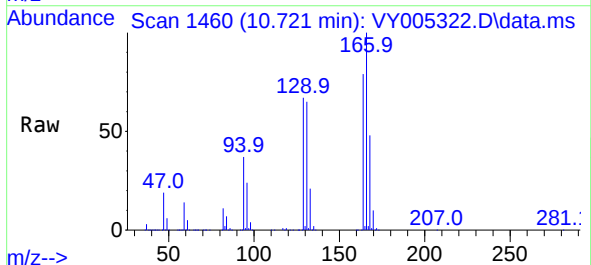
Instrument :
MSVOA_Y
ClientSampled :
D-3100

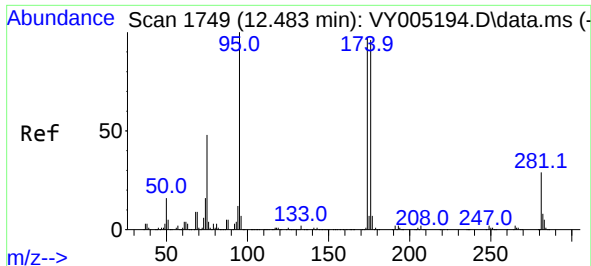
Tgt Ion: 43 Resp: 1167
Ion Ratio Lower Upper
43 100
58 36.2 30.8 92.4



#60
Dibromochloromethane
Concen: 312.070 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. -0.268 min
Lab File: VY005322.D
Acq: 01 Jul 2021 18:21

Tgt Ion: 129 Resp: 657038
Ion Ratio Lower Upper
129 100
127 0.0 38.7 116.1#

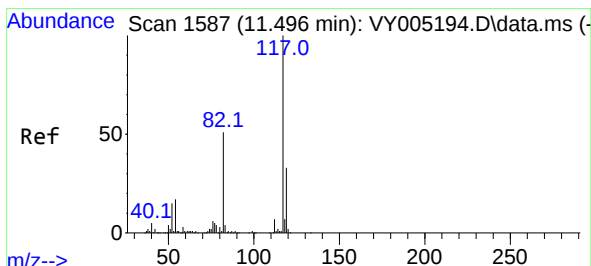
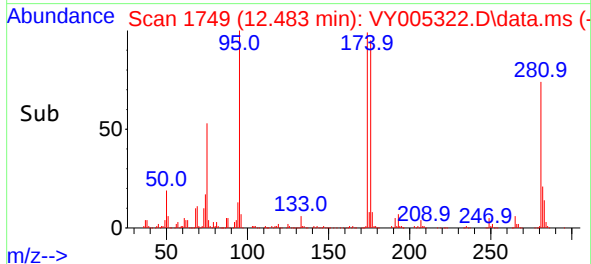
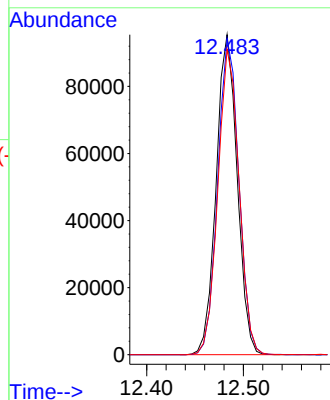
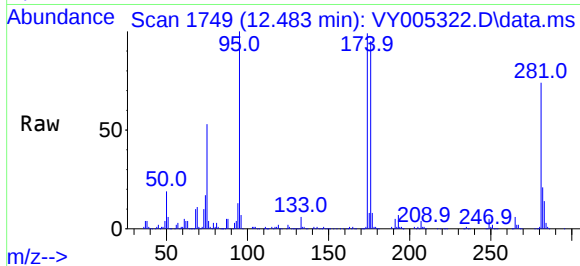




#62
4-Bromofluorobenzene
Concen: 56.173 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY005322.D
Acq: 01 Jul 2021 18:21

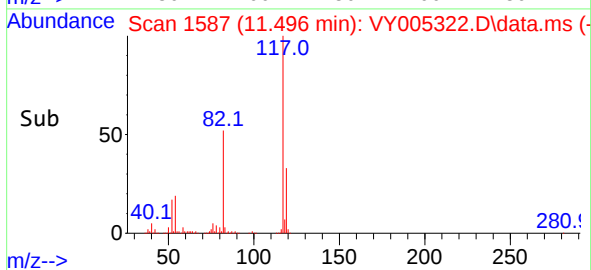
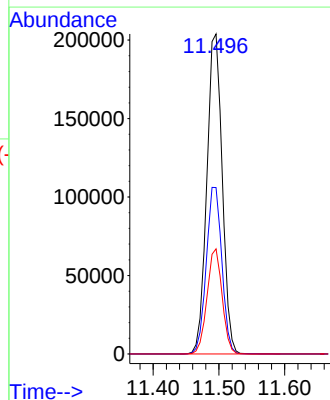
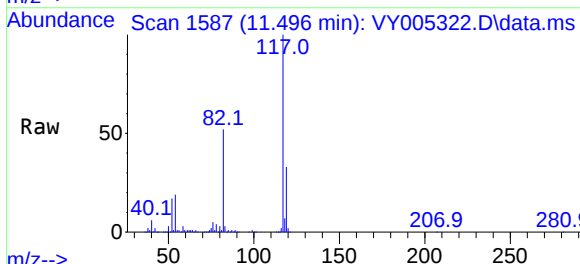
Instrument :
MSVOA_Y
ClientSampleId :
D-3100

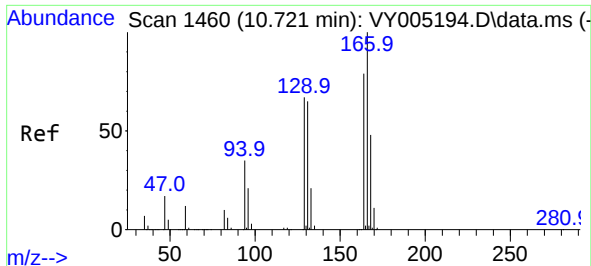
Tgt Ion: 95 Resp: 143797
Ion Ratio Lower Upper
95 100
174 99.3 0.0 201.6
176 96.2 0.0 197.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY005322.D
Acq: 01 Jul 2021 18:21

Tgt Ion: 117 Resp: 332671
Ion Ratio Lower Upper
117 100
82 52.0 40.6 60.8
119 32.8 26.1 39.1



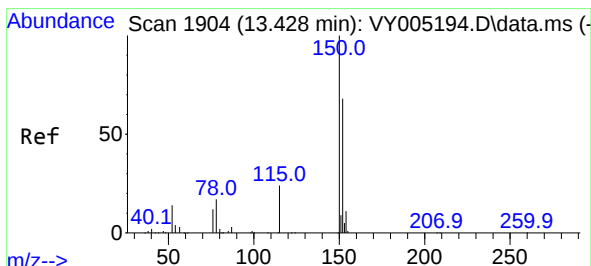
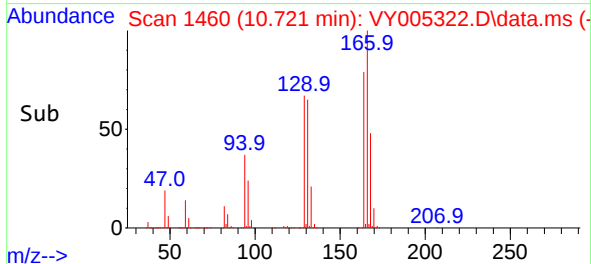
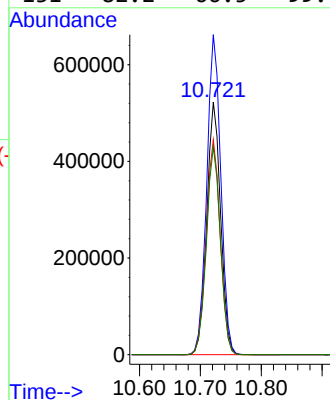
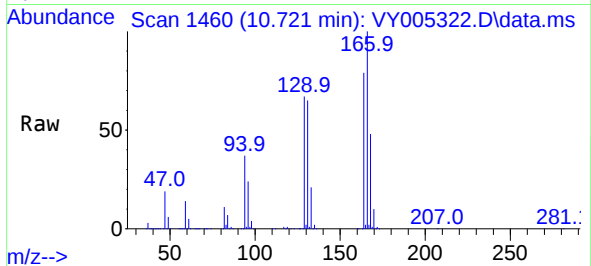


#64
Tetrachloroethene
Concen: 338.704 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. -0.000 min
Lab File: VY005322.D
Acq: 01 Jul 2021 18:21

Instrument :
MSVOA_Y
ClientSampleId :
D-3100

Tgt Ion:164 Resp: 831481

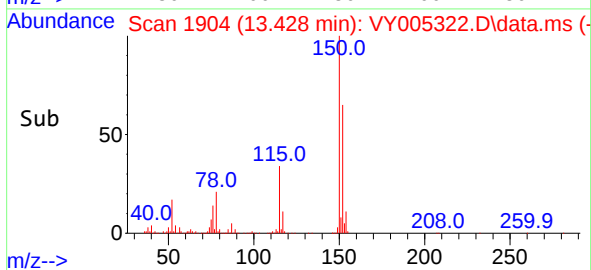
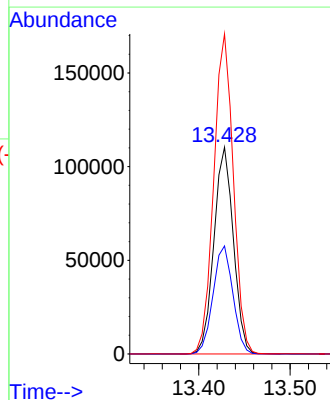
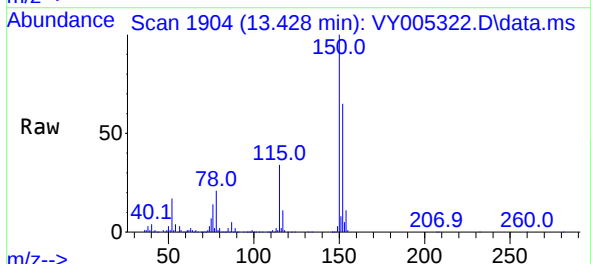
Ion	Ratio	Lower	Upper
164	100		
166	126.6	101.6	152.4
129	85.0	67.6	101.4
131	82.2	66.5	99.7

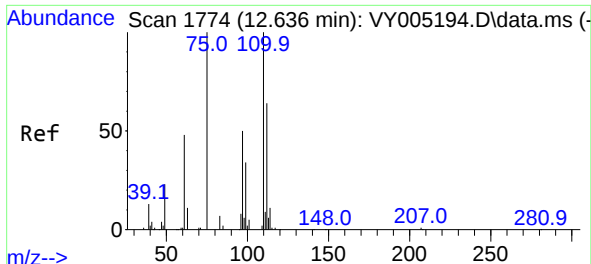


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY005322.D
Acq: 01 Jul 2021 18:21

Tgt Ion:152 Resp: 163407

Ion	Ratio	Lower	Upper
152	100		
115	53.3	26.3	78.8
150	155.7	0.0	344.2

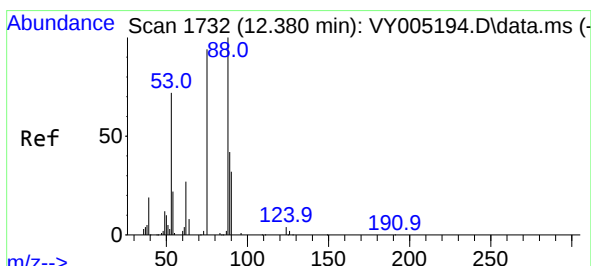
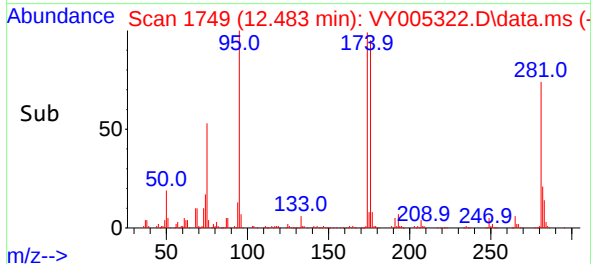
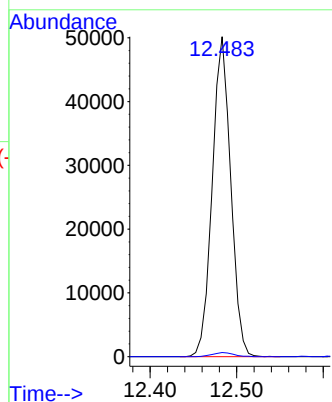
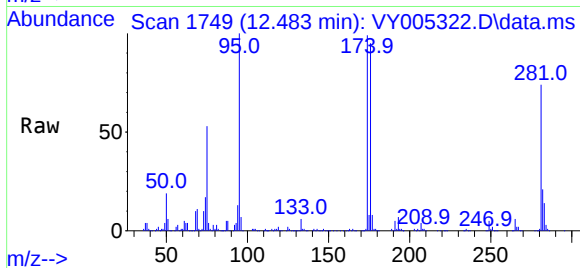




#76
1,2,3-Trichloropropane
Concen: 51.241 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY005322.D
Acq: 01 Jul 2021 18:21

Instrument :
MSVOA_Y
ClientSampled :
D-3100

Tgt Ion: 75 Resp: 74260
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 95.604 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY005322.D
Acq: 01 Jul 2021 18:21

Tgt Ion: 75 Resp: 74260
Ion Ratio Lower Upper
75 100
53 0.1 63.0 94.4#
89 0.8 38.0 57.0#

