

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070121\
 Data File : VY005319.D
 Acq On : 01 Jul 2021 17:12
 Operator : SY/MD
 Sample : M2904-04
 Misc : 5.41G/5ML/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 COMP-3

Quant Time: Jul 02 05:17:36 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)

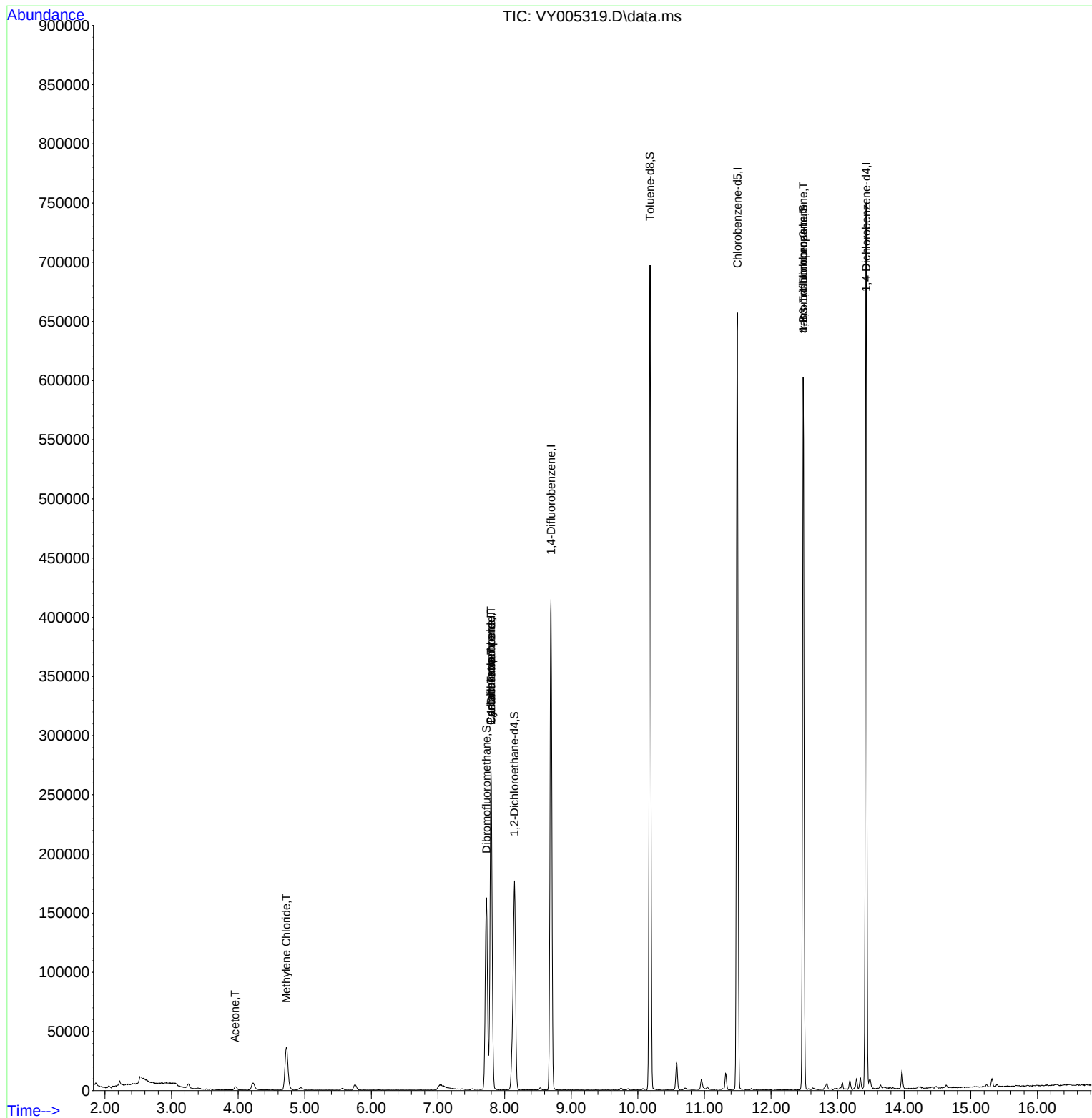
Internal Standards						
1) Pentafluorobenzene	7.795	168	226011	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	366607	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	377100	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	198558	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	126482	67.437	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 134.880%	
35) Dibromofluoromethane	7.728	113	114433	52.927	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 105.860%	
50) Toluene-d8	10.185	98	454715	52.590	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 105.180%	
62) 4-Bromofluorobenzene	12.483	95	165009	57.271	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 114.540%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.942	59	2718	Below Cal	#	77
16) Acetone	3.954	43	4998	11.535	ug/l	99
20) Methylene Chloride	4.722	84	28600	4.469	ug/l	95
31) Cyclohexane	7.795	56	3764	1.124	ug/l	# 1
36) 1,1-Dichloropropene	7.795	75	14965	4.636	ug/l	# 47
38) Carbon Tetrachloride	7.795	117	18738	5.545	ug/l	# 18
76) 1,2,3-Trichloropropane	12.483	75	82533	46.867	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.483	75	82533	87.444	ug/l	# 17

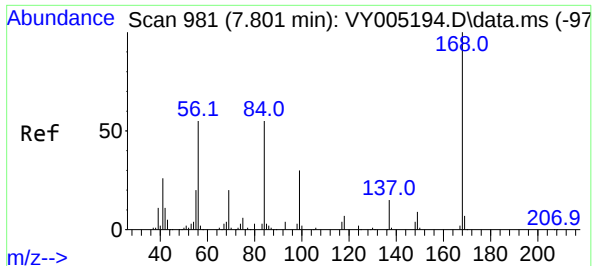
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070121\
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ALS Vial : 14 Sample Multiplier: 1

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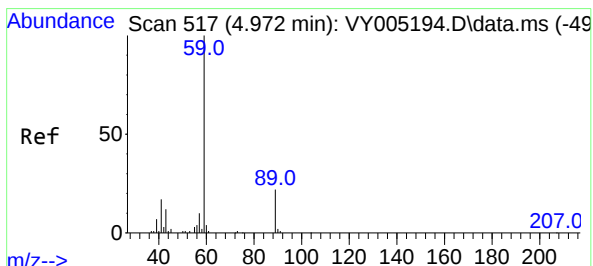
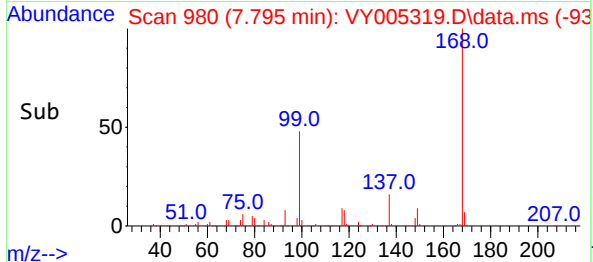
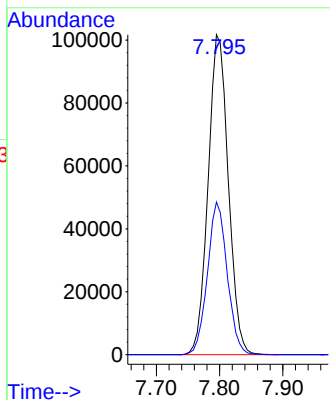
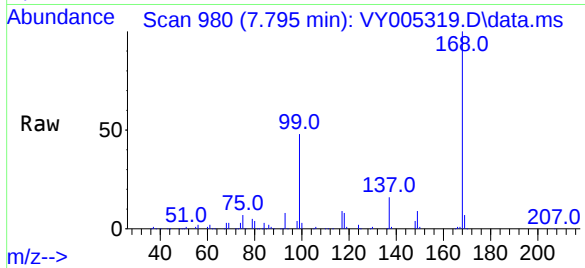




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.006 min
Lab File: VY005319.D
Acq: 01 Jul 2021 17:12

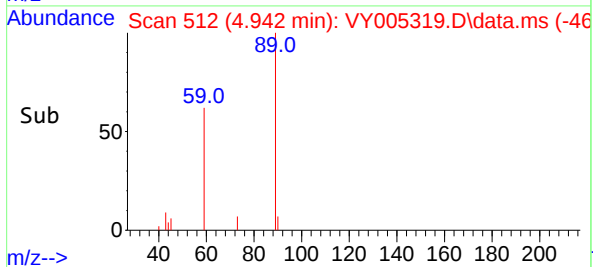
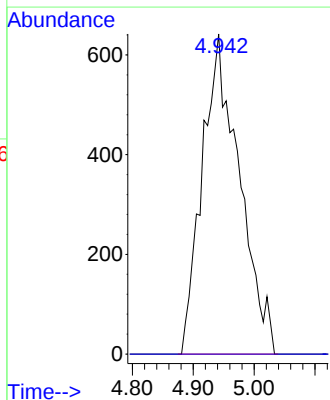
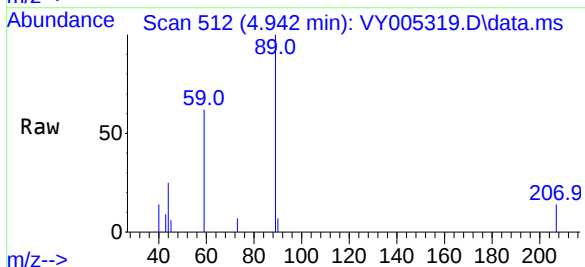
Instrument :
MSVOA_Y
ClientSampleId :
COMP-3

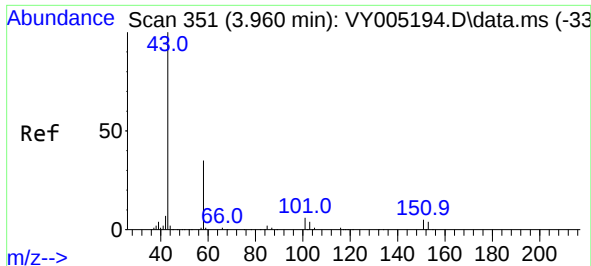
Tgt Ion:168 Resp: 226011
Ion Ratio Lower Upper
168 100
99 47.7 36.2 54.4



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.942 min Scan# 512
Delta R.T. -0.030 min
Lab File: VY005319.D
Acq: 01 Jul 2021 17:12

Tgt Ion: 59 Resp: 2718
Ion Ratio Lower Upper
59 100
57 0.0 6.5 9.7#

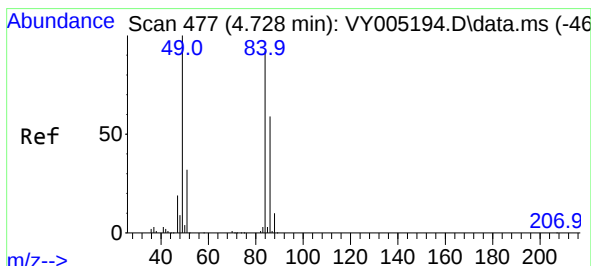
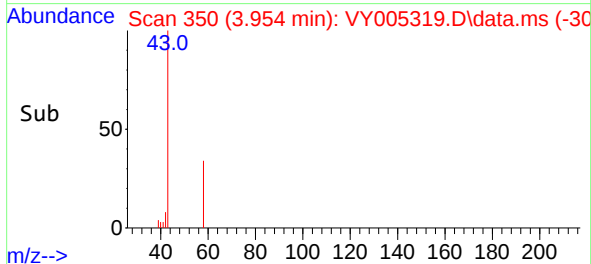
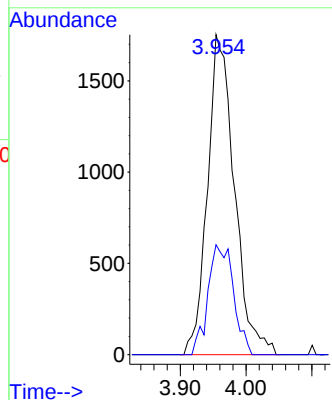
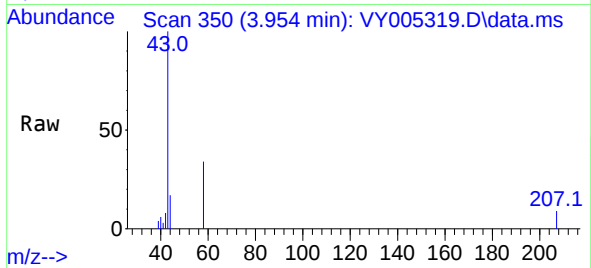




#16
Acetone
Concen: 11.535 ug/l
RT: 3.954 min Scan# 350
Delta R.T. -0.006 min
Lab File: VY005319.D
Acq: 01 Jul 2021 17:12

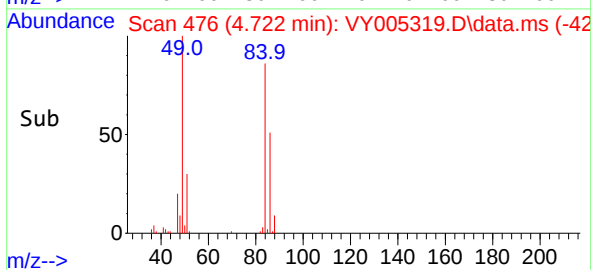
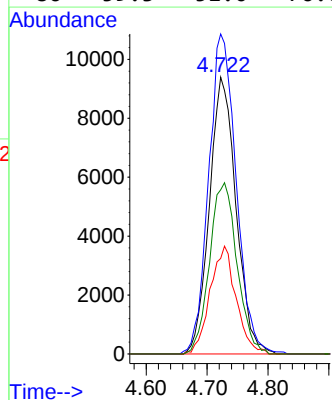
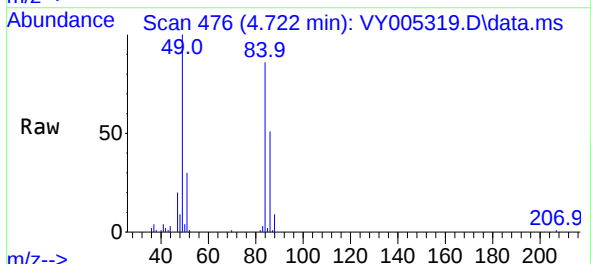
Instrument :
MSVOA_Y
ClientSampleId :
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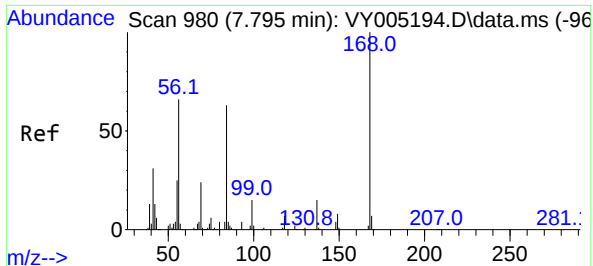
Tgt Ion: 43 Resp: 4998
Ion Ratio Lower Upper
43 100
58 34.3 28.2 42.2



#20
Methylene Chloride
Concen: 4.469 ug/l
RT: 4.722 min Scan# 476
Delta R.T. -0.006 min
Lab File: VY005319.D
Acq: 01 Jul 2021 17:12

Tgt Ion: 84 Resp: 28600
Ion Ratio Lower Upper
84 100
49 115.6 86.9 130.3
51 34.5 27.4 41.2
86 59.3 51.0 76.6

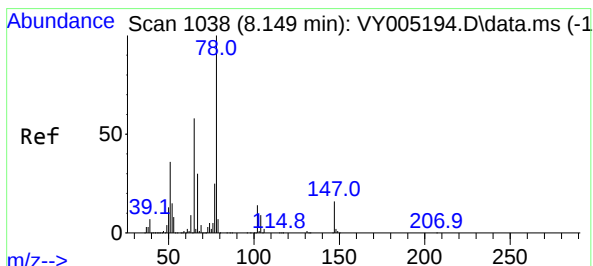
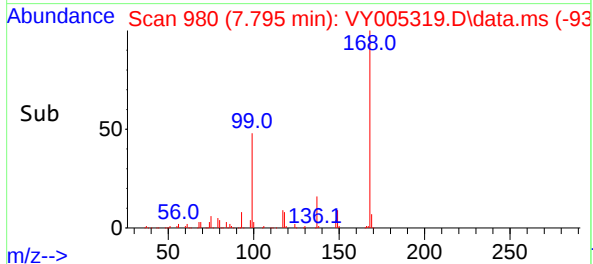
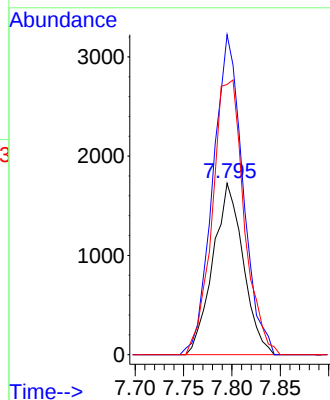
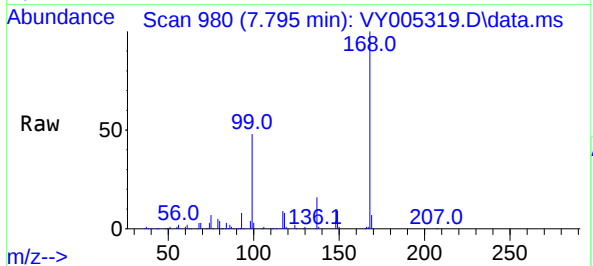




#31
Cyclohexane
Concen: 1.124 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY005319.D
Acq: 01 Jul 2021 17:12

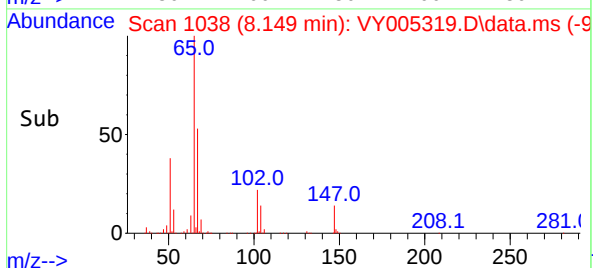
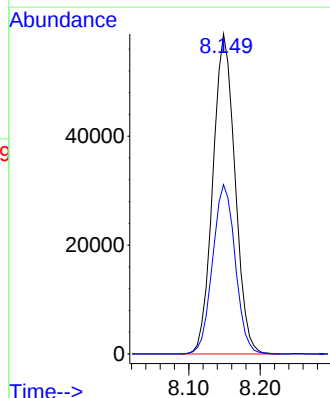
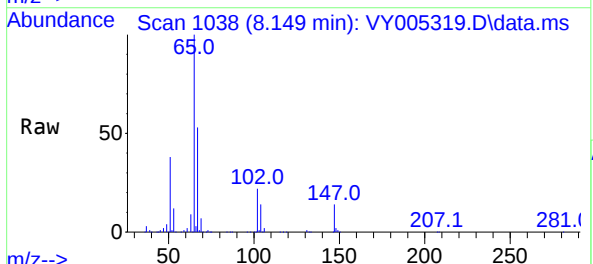
Instrument :
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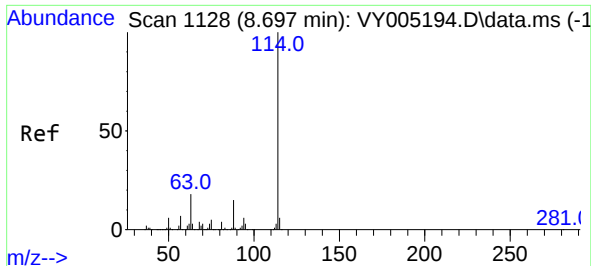
Tgt Ion: 56 Resp: 3764
Ion Ratio Lower Upper
56 100
69 186.7 29.6 44.4#
84 157.7 76.4 114.6#



#33
1,2-Dichloroethane-d4
Concen: 67.437 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY005319.D
Acq: 01 Jul 2021 17:12

Tgt Ion: 65 Resp: 126482
Ion Ratio Lower Upper
65 100
67 54.1 0.0 110.6

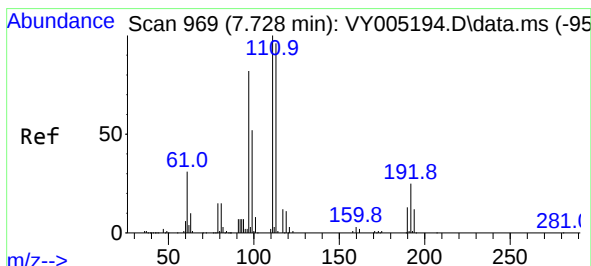
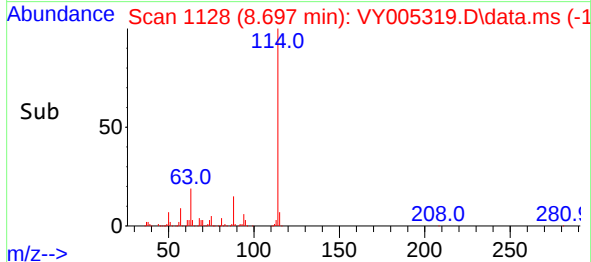
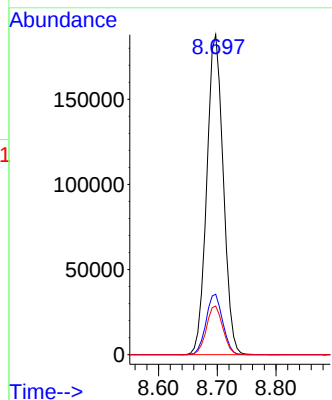
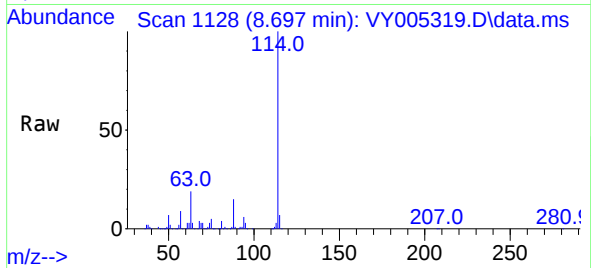




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY005319.D
Acq: 01 Jul 2021 17:12

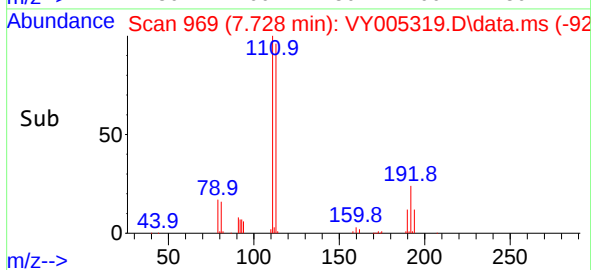
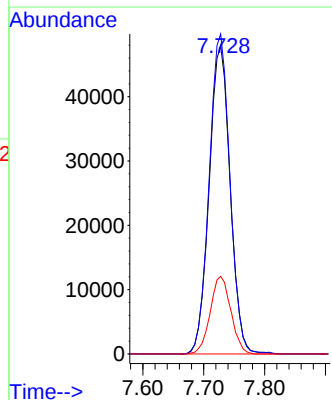
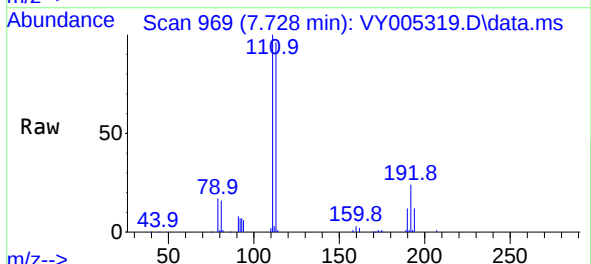
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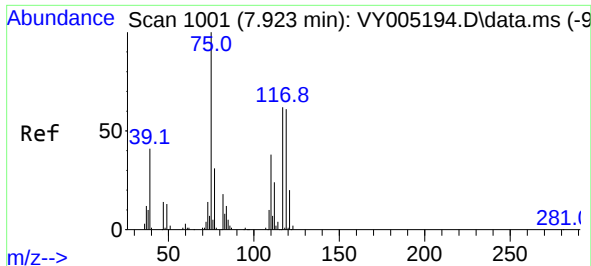
Tgt Ion:114 Resp: 366607
Ion Ratio Lower Upper
114 100
63 18.9 0.0 35.2
88 15.2 0.0 29.4



#35
Dibromofluoromethane
Concen: 52.927 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.000 min
Lab File: VY005319.D
Acq: 01 Jul 2021 17:12

Tgt Ion:113 Resp: 114433
Ion Ratio Lower Upper
113 100
111 102.9 82.6 124.0
192 24.8 20.2 30.2

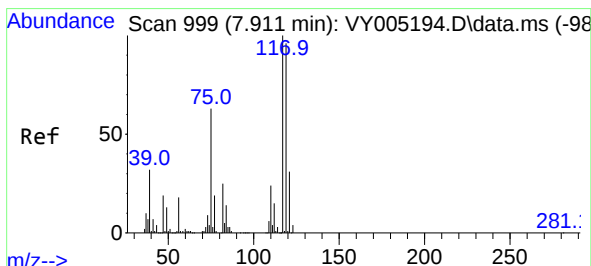
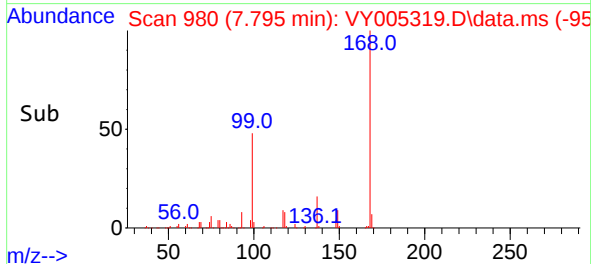
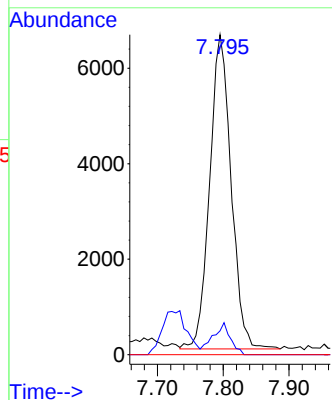
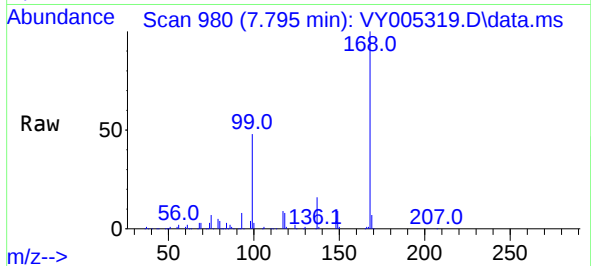




#36
1,1-Dichloropropene
Concen: 4.636 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY005319.D
Acq: 01 Jul 2021 17:12

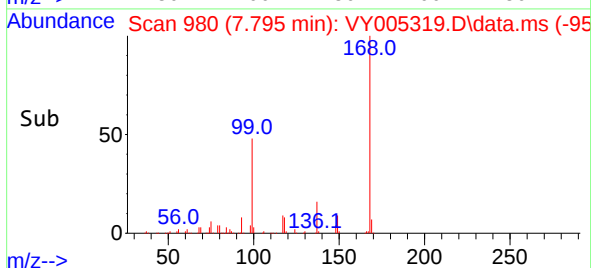
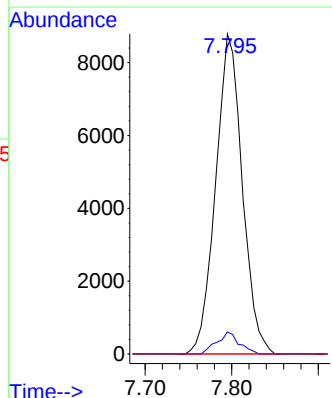
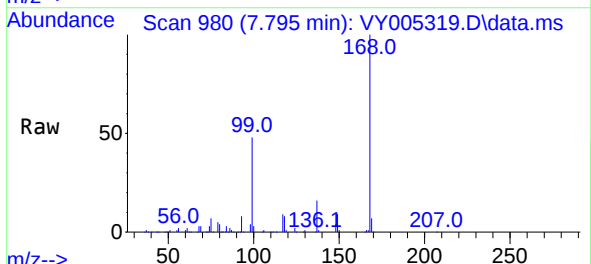
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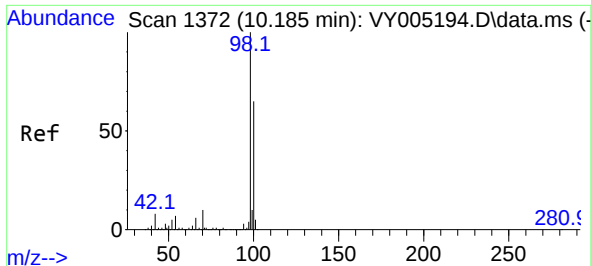
Tgt Ion: 75 Resp: 14965
Ion Ratio Lower Upper
75 100
110 8.3 19.1 57.5#
77 0.0 25.2 37.8#



#38
Carbon Tetrachloride
Concen: 5.545 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.116 min
Lab File: VY005319.D
Acq: 01 Jul 2021 17:12

Tgt Ion: 117 Resp: 18738
Ion Ratio Lower Upper
117 100
119 6.9 76.2 114.4#
121 0.0 24.7 37.1#

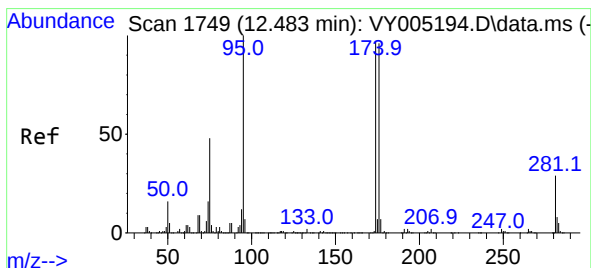
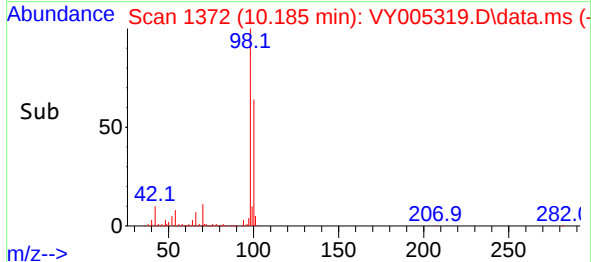
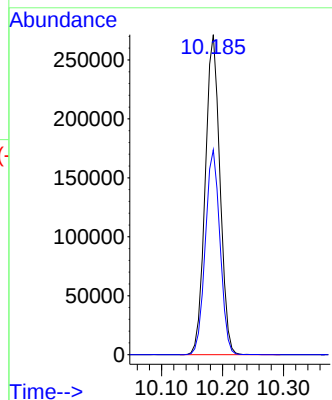
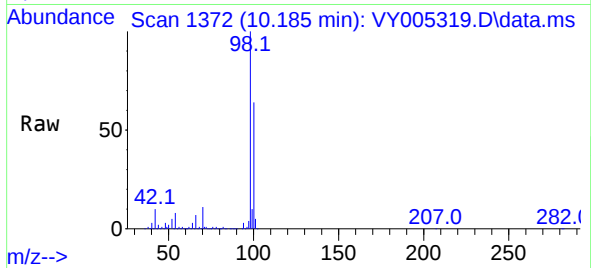




#50
Toluene-d8
Concen: 52.590 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY005319.D
Acq: 01 Jul 2021 17:12

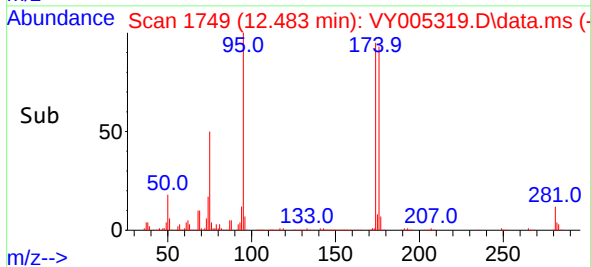
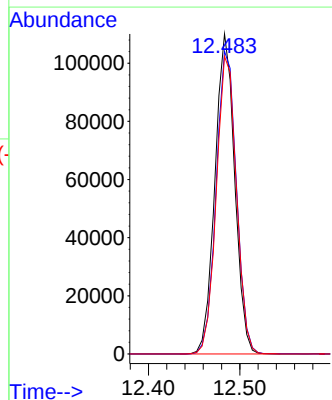
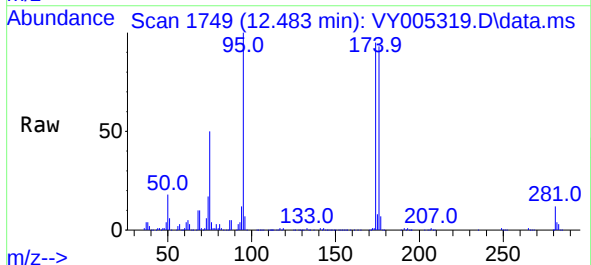
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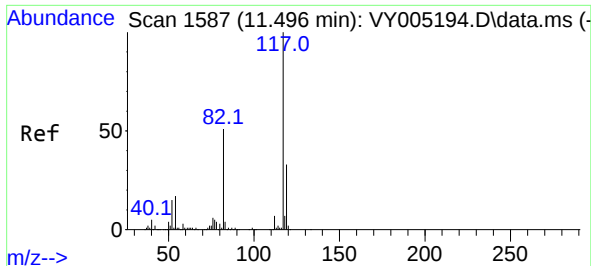
Tgt Ion: 98 Resp: 454715
Ion Ratio Lower Upper
98 100
100 63.8 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 57.271 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY005319.D
Acq: 01 Jul 2021 17:12

Tgt Ion: 95 Resp: 165009
Ion Ratio Lower Upper
95 100
174 97.1 0.0 201.6
176 94.5 0.0 197.4

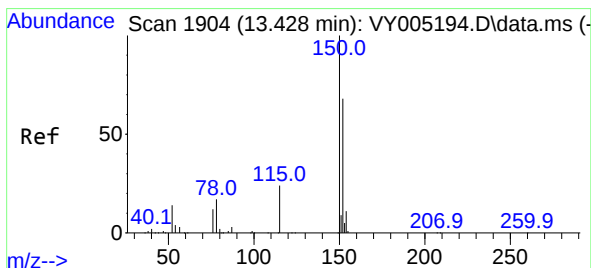
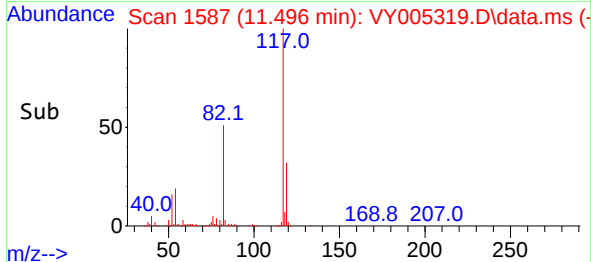
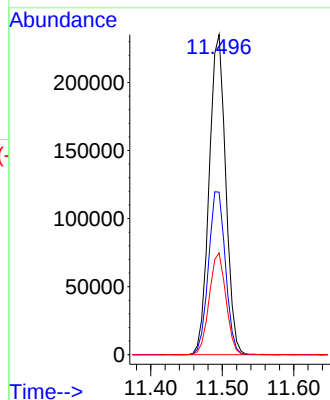
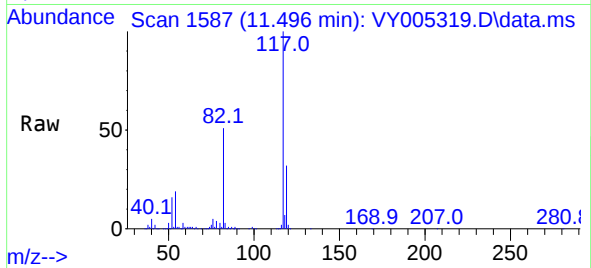




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY005319.D
Acq: 01 Jul 2021 17:12

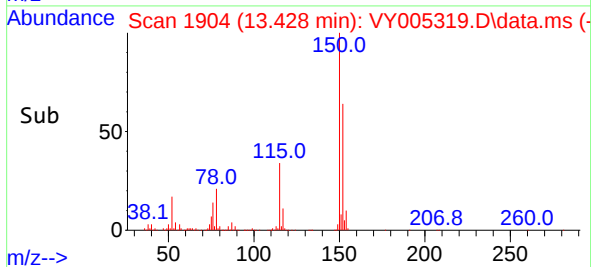
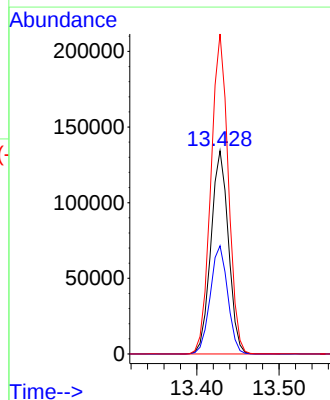
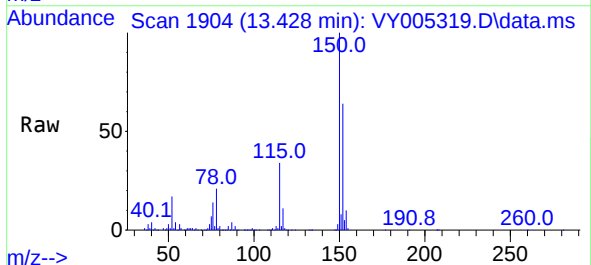
Instrument :
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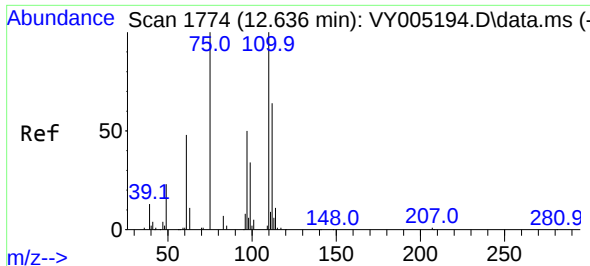
Tgt Ion:117 Resp: 377100
Ion Ratio Lower Upper
117 100
82 50.8 40.6 60.8
119 31.8 26.1 39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY005319.D
Acq: 01 Jul 2021 17:12

Tgt Ion:152 Resp: 198558
Ion Ratio Lower Upper
152 100
115 53.0 26.3 78.8
150 156.7 0.0 344.2

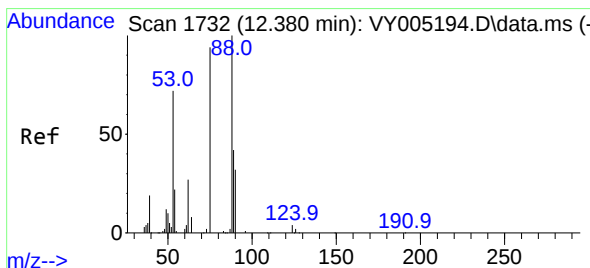
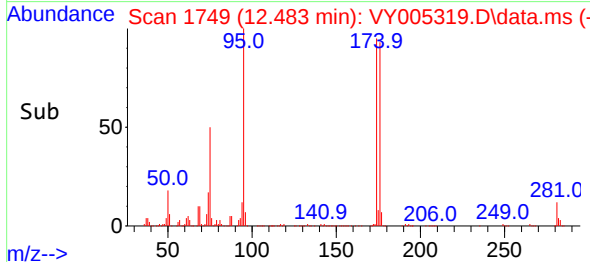
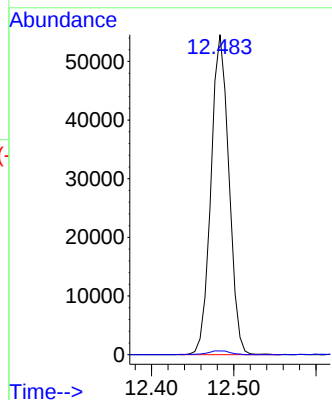
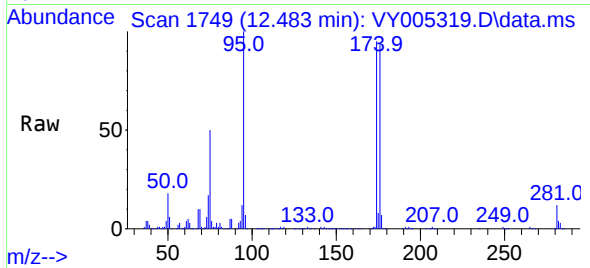




#76
1,2,3-Trichloropropane
Concen: 46.867 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY005319.D
Acq: 01 Jul 2021 17:12

Instrument :
MSVOA_Y
ClientSampleId :
COMP-3

Tgt Ion: 75 Resp: 82533
Ion Ratio Lower Upper
75 100
77 1.6 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 87.444 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY005319.D
Acq: 01 Jul 2021 17:12

Tgt Ion: 75 Resp: 82533
Ion Ratio Lower Upper
75 100
53 0.1 63.0 94.4#
89 0.1 38.0 57.0#

