

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\vy062921\
 Data File : VY005280.D
 Acq On : 29 Jun 2021 17:04
 Operator : SY/MD
 Sample : M2889-05RE
 Misc : 6.17G/5ML/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

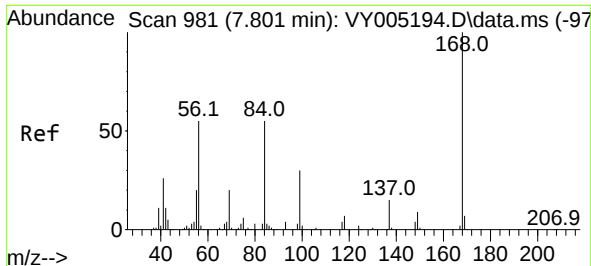
Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-5(17.5-18)

Quant Time: Jun 30 04:00:57 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	220625	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	348091	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	337525	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	167994	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	107294	58.60	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 117.20%			
35) Dibromofluoromethane	7.728	113	106266	51.76	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 103.52%			
50) Toluene-d8	10.185	98	421793	51.38	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 102.76%			
62) 4-Bromofluorobenzene	12.483	95	142540	52.10	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 104.20%			
Target Compounds						
11) Tert butyl alcohol	4.966	59	590	Below Cal	#	77
16) Acetone	3.960	43	2593	6.13	ug/l	100
20) Methylene Chloride	4.728	84	15722	Below Cal		93
31) Cyclohexane	7.795	56	3621	1.11	ug/l #	1
36) 1,1-Dichloropropene	7.795	75	13516	4.41	ug/l #	47
38) Carbon Tetrachloride	7.795	117	18152	5.66	ug/l #	17
76) 1,2,3-Trichloropropane	12.483	75	71178	47.77	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	71178	89.13	ug/l #	18

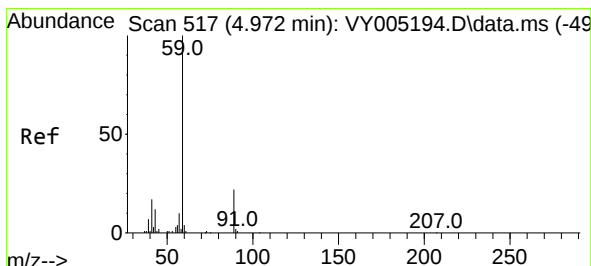
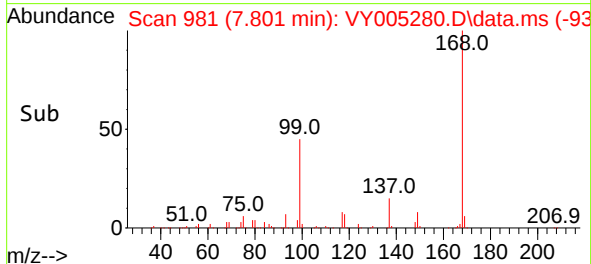
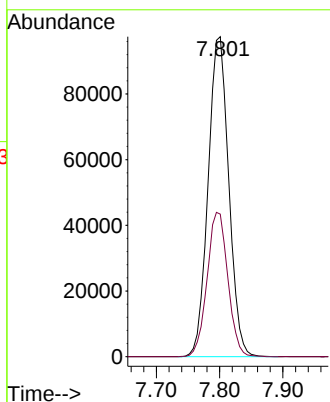
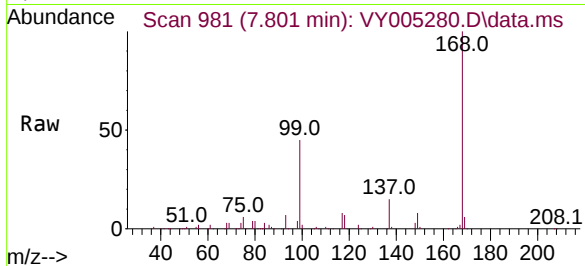
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY005280.D
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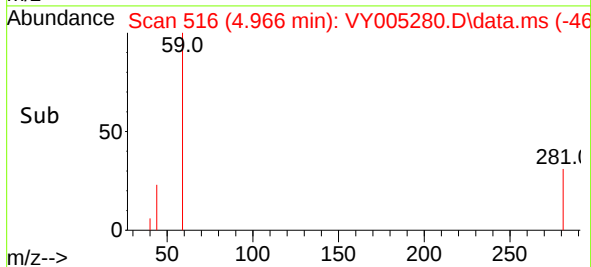
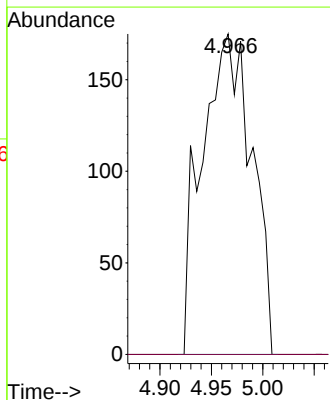
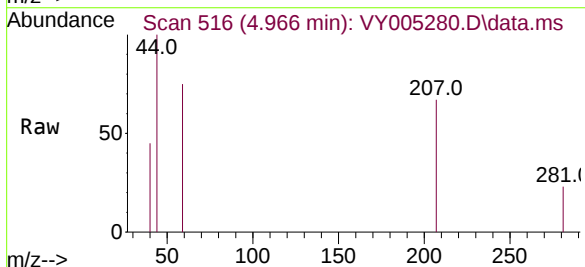
Instrument :
MSVOA_Y
ClientSampleId :
SB-5(17.5-18)

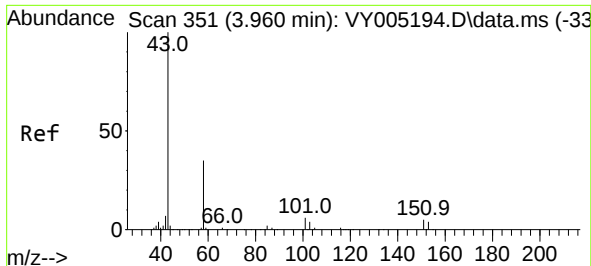
Tgt Ion:168 Resp: 220625
Ion Ratio Lower Upper
168 100
99 44.5 36.2 54.4



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.966 min Scan# 516
Delta R.T. -0.006 min
Lab File: VY005280.D
Acq: 29 Jun 2021 17:04

Tgt Ion: 59 Resp: 590
Ion Ratio Lower Upper
59 100
57 0.0 6.5 9.7#

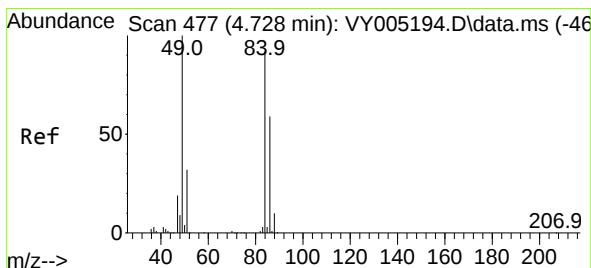
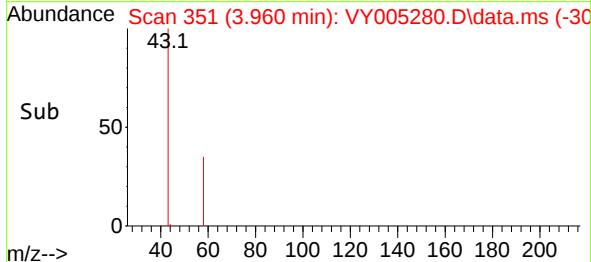
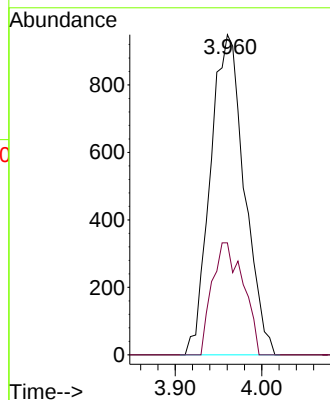
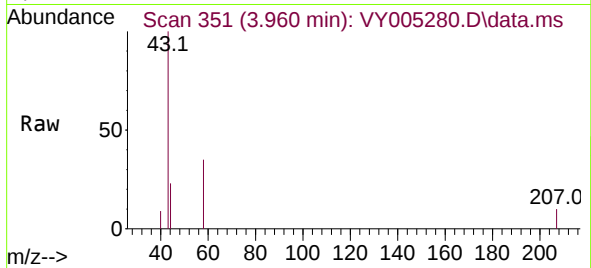




#16
Acetone
Concen: 6.13 ug/l
RT: 3.960 min Scan# 351
Delta R.T. -0.000 min
Lab File: VY005280.D
Acq: 29 Jun 2021 17:04

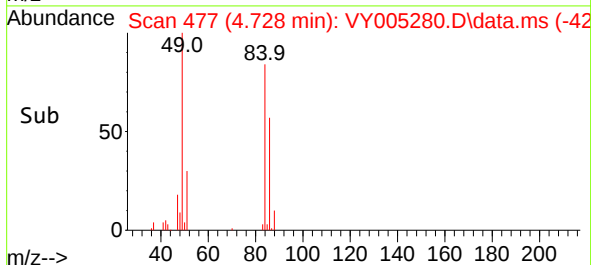
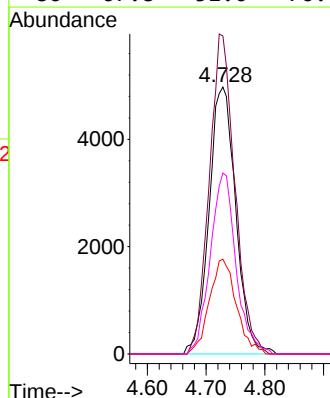
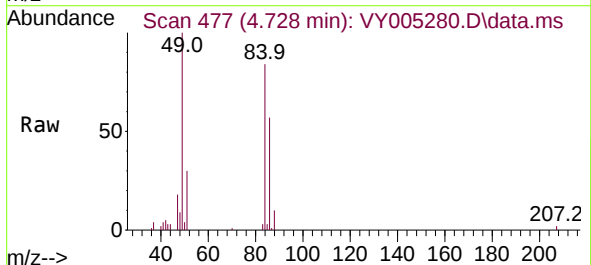
Instrument :
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ClientSampleId :
SB-5(17.5-18)

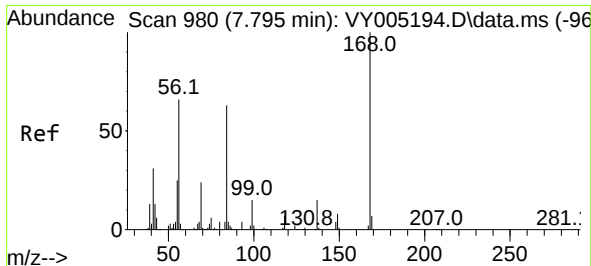
Tgt Ion: 43 Resp: 2593
Ion Ratio Lower Upper
43 100
58 35.0 28.2 42.2



#20
Methylene Chloride
Concen: Below Cal
RT: 4.728 min Scan# 477
Delta R.T. 0.000 min
Lab File: VY005280.D
Acq: 29 Jun 2021 17:04

Tgt Ion: 84 Resp: 15722
Ion Ratio Lower Upper
84 100
49 119.1 86.9 130.3
51 35.5 27.4 41.2
86 67.8 51.0 76.6

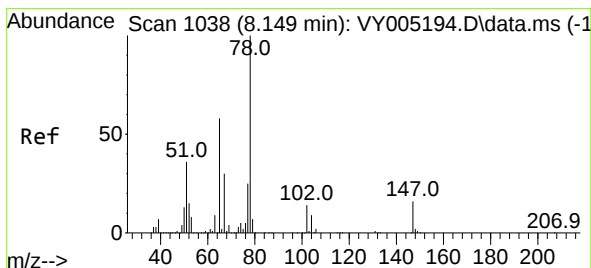
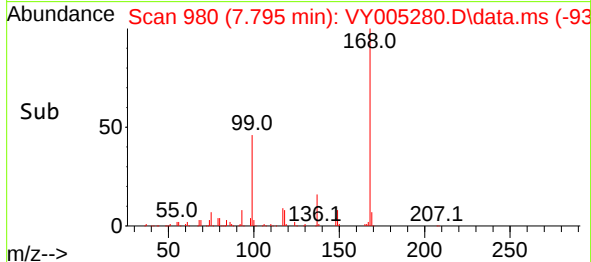
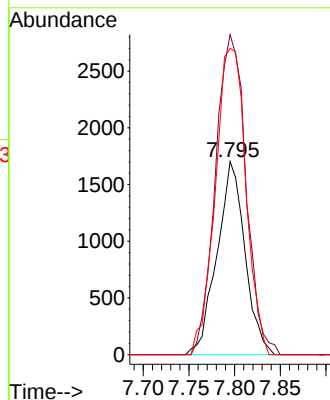
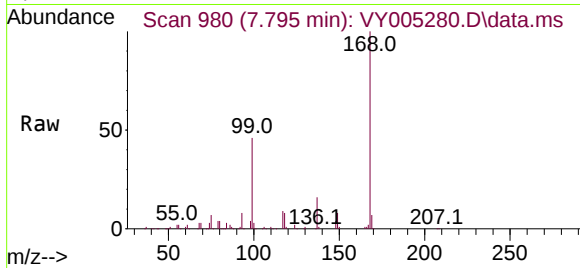




#31
Cyclohexane
Concen: 1.11 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.000 min
Lab File: VY005280.D
Acq: 29 Jun 2021 17:04

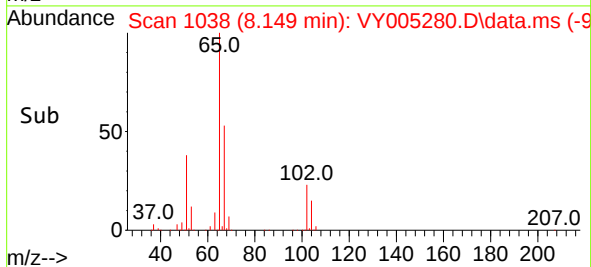
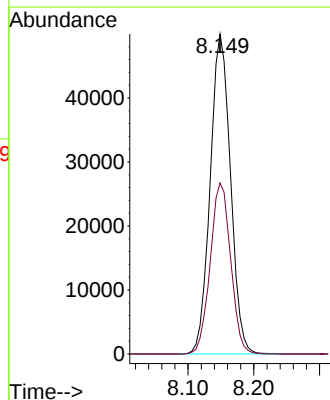
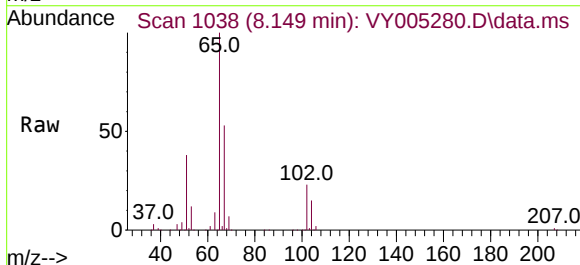
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ClientSampleId :
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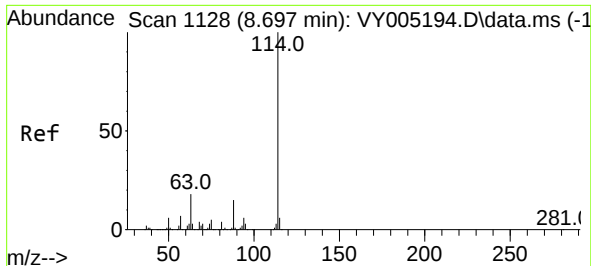
Tgt Ion: 56 Resp: 3621
Ion Ratio Lower Upper
56 100
69 165.6 29.6 44.4#
84 158.5 76.4 114.6#



#33
1,2-Dichloroethane-d4
Concen: 58.60 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY005280.D
Acq: 29 Jun 2021 17:04

Tgt Ion: 65 Resp: 107294
Ion Ratio Lower Upper
65 100
67 53.8 0.0 110.6

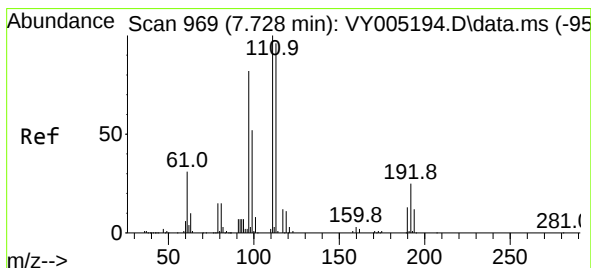
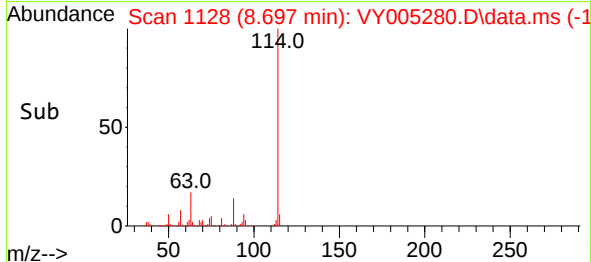
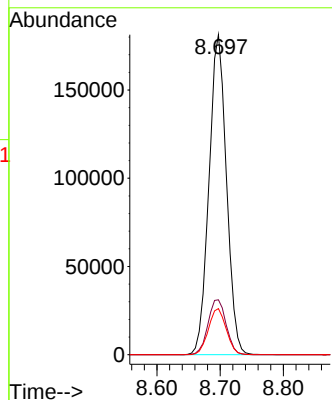
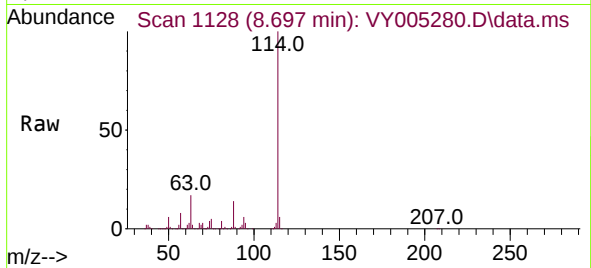




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY005280.D
Acq: 29 Jun 2021 17:04

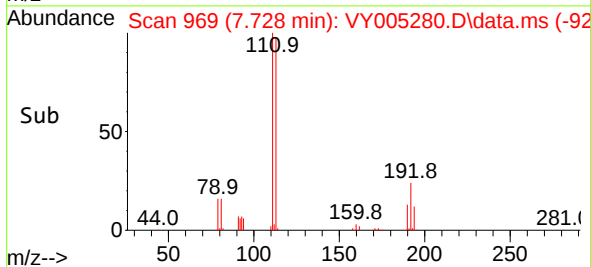
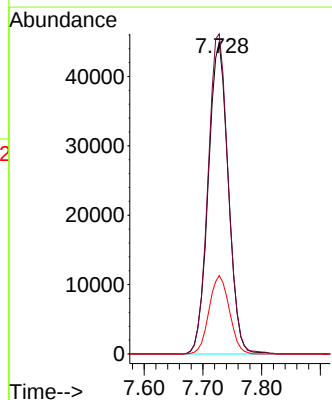
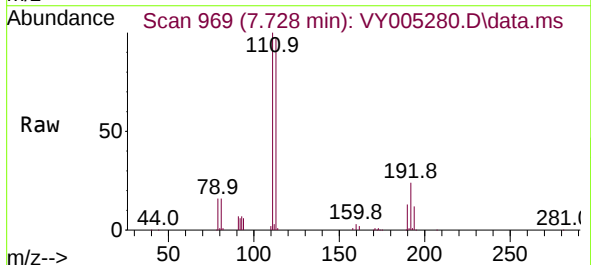
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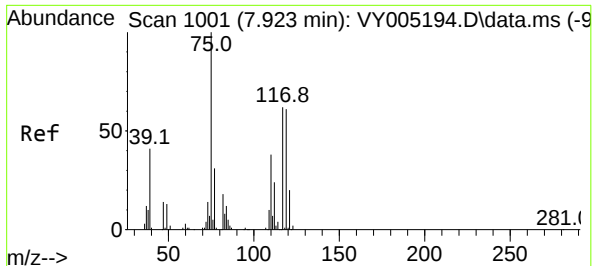
Tgt Ion:114 Resp: 348091
Ion Ratio Lower Upper
114 100
63 17.1 0.0 35.2
88 14.4 0.0 29.4



#35
Dibromofluoromethane
Concen: 51.76 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY005280.D
Acq: 29 Jun 2021 17:04

Tgt Ion:113 Resp: 106266
Ion Ratio Lower Upper
113 100
111 103.6 82.6 124.0
192 25.4 20.2 30.2

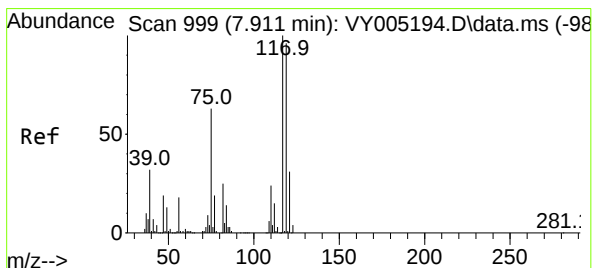
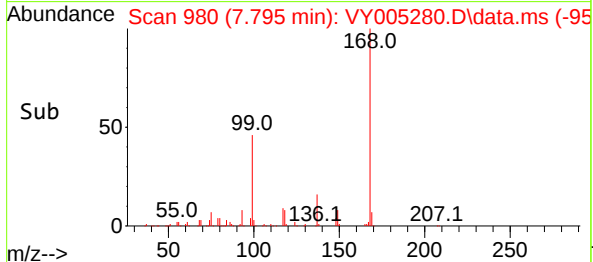
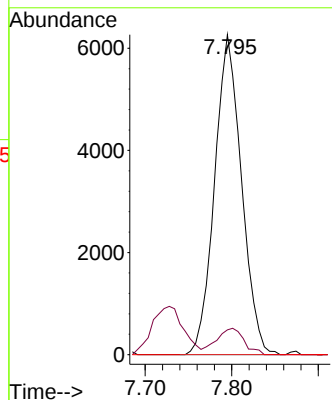
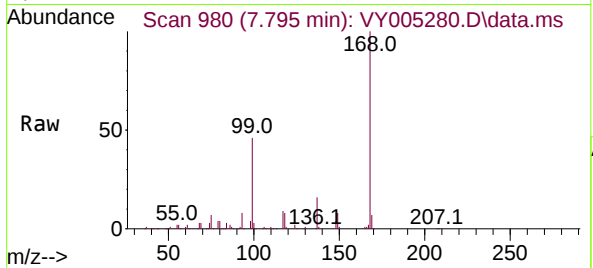




#36
1,1-Dichloropropene
Concen: 4.41 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY005280.D
Acq: 29 Jun 2021 17:04

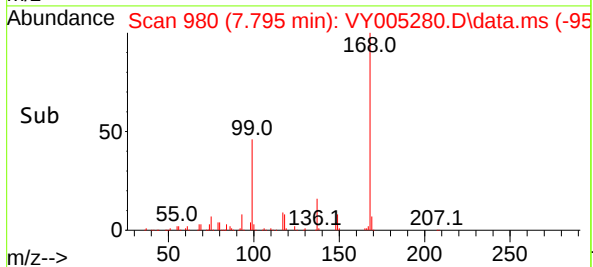
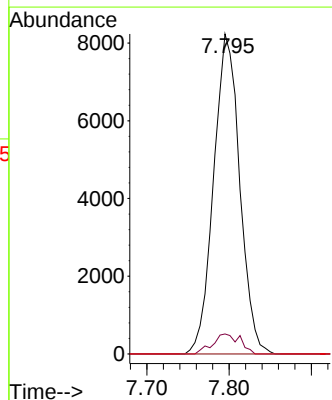
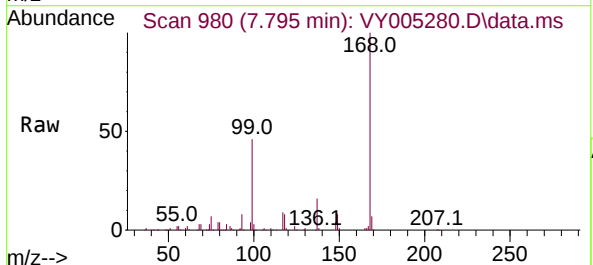
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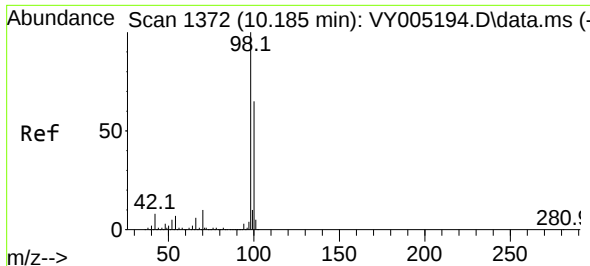
Tgt Ion: 75 Resp: 13516
Ion Ratio Lower Upper
75 100
110 8.5 19.1 57.5#
77 0.0 25.2 37.8#



#38
Carbon Tetrachloride
Concen: 5.66 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.116 min
Lab File: VY005280.D
Acq: 29 Jun 2021 17:04

Tgt Ion: 117 Resp: 18152
Ion Ratio Lower Upper
117 100
119 6.2 76.2 114.4#
121 0.0 24.7 37.1#

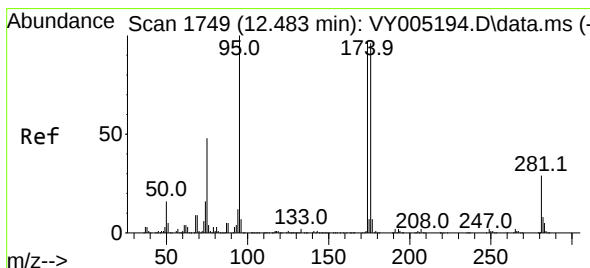
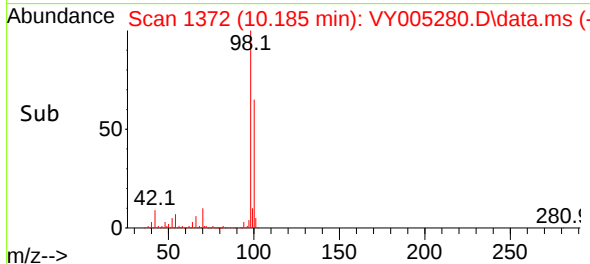
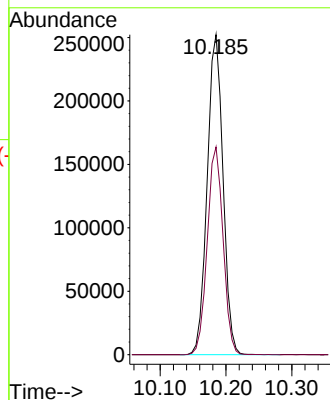
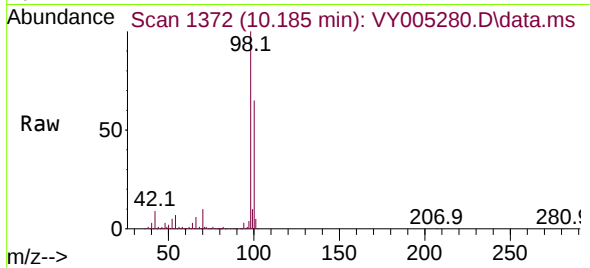




#50
Toluene-d8
Concen: 51.38 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY005280.D
Acq: 29 Jun 2021 17:04

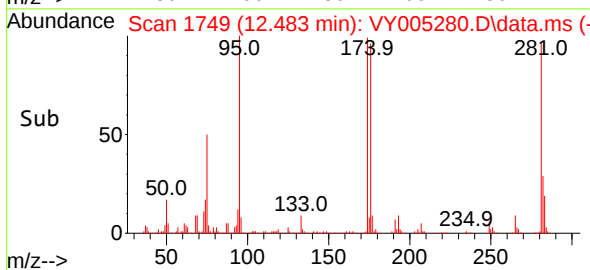
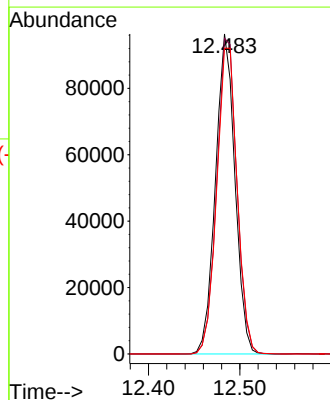
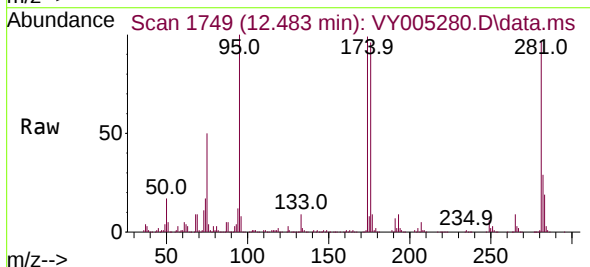
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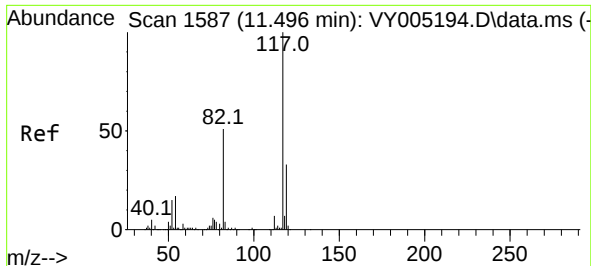
Tgt Ion: 98 Resp: 421793
Ion Ratio Lower Upper
98 100
100 64.9 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 52.10 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY005280.D
Acq: 29 Jun 2021 17:04

Tgt Ion: 95 Resp: 142540
Ion Ratio Lower Upper
95 100
174 102.1 0.0 201.6
176 100.5 0.0 197.4

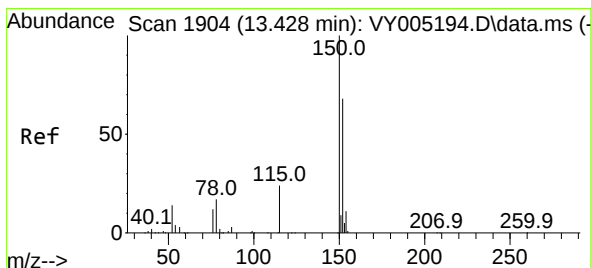
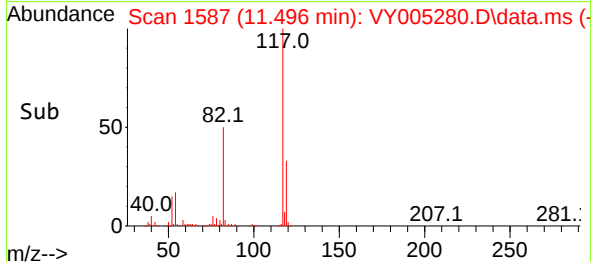
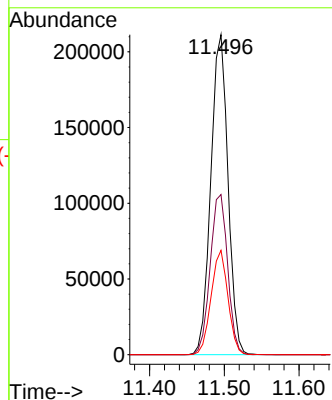
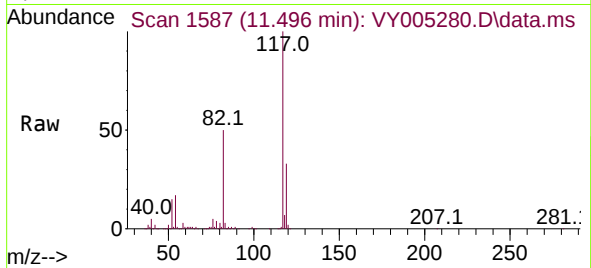




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY005280.D
Acq: 29 Jun 2021 17:04

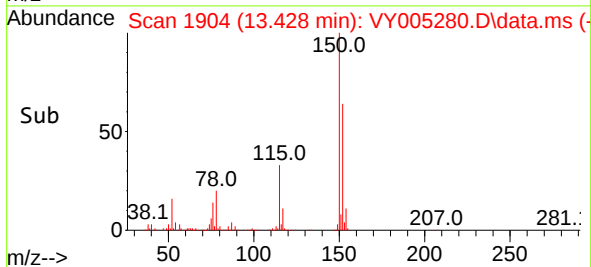
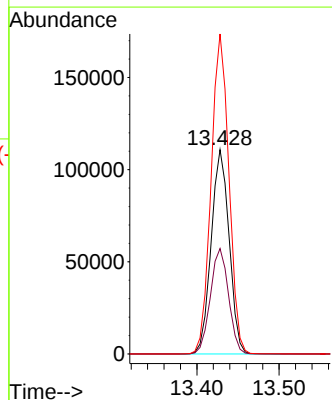
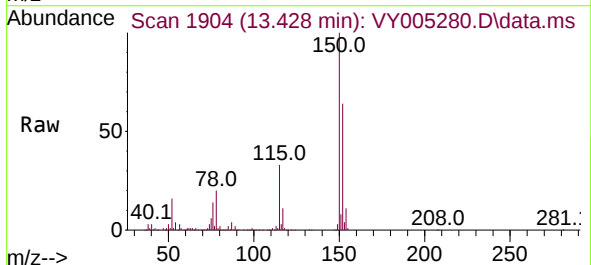
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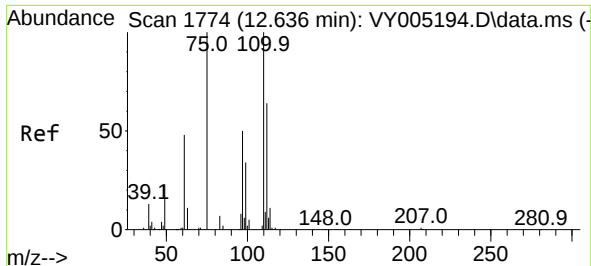
Tgt Ion:117 Resp: 337525
Ion Ratio Lower Upper
117 100
82 50.0 40.6 60.8
119 32.6 26.1 39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY005280.D
Acq: 29 Jun 2021 17:04

Tgt Ion:152 Resp: 167994
Ion Ratio Lower Upper
152 100
115 52.2 26.3 78.8
150 155.5 0.0 344.2

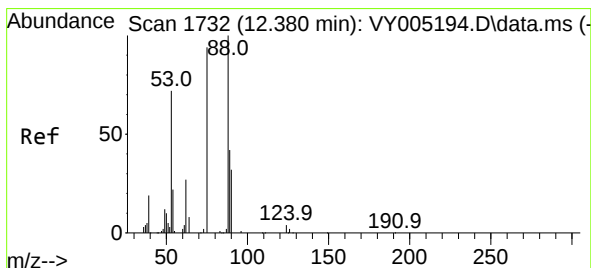
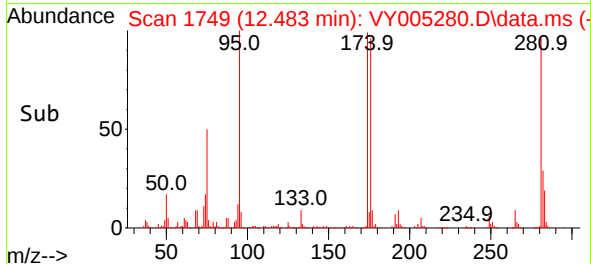
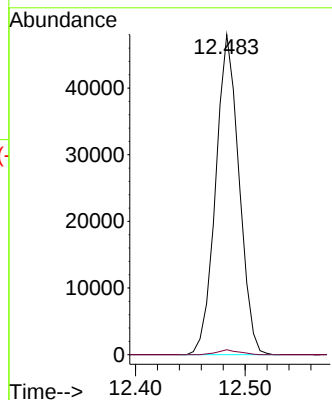
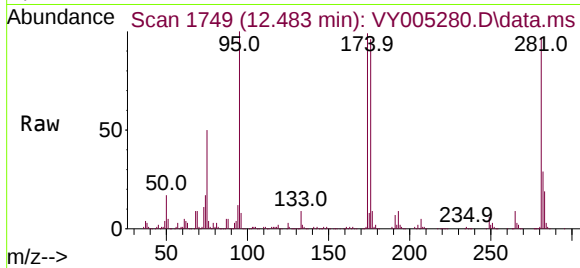




#76
1,2,3-Trichloropropane
Concen: 47.77 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY005280.D
Acq: 29 Jun 2021 17:04

Instrument :
MSVOA_Y
ClientSampleId :
SB-5(17.5-18)

Tgt Ion: 75 Resp: 71178
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 89.13 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY005280.D
Acq: 29 Jun 2021 17:04

Tgt Ion: 75 Resp: 71178
Ion Ratio Lower Upper
75 100
53 0.2 63.0 94.4#
89 1.3 38.0 57.0#

