

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031921\
 Data File : VY004148.D
 Acq On : 19 Mar 2021 20:14
 Operator : SY/MD
 Sample : M1746-07
 Misc : 6.74g/5mL/MSVOA_Y/SOIL
 ALS Vial : 26 Sample Multiplier: 1

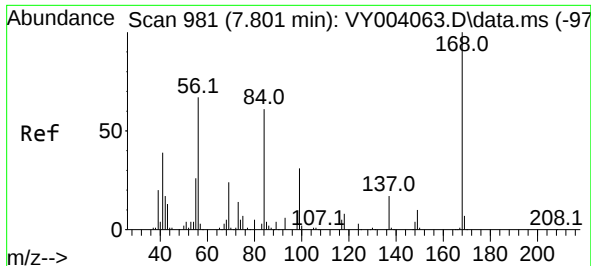
Instrument :
 MSVOA_Y
 ClientSampleId :
 COMP-1

Quant Time: Mar 20 03:17:29 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030821S.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 08 12:28:55 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.801	168	196058	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.703	114	322201	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	293772	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	140515	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	105578	54.57	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	109.14%
35) Dibromofluoromethane	7.734	113	96558	53.14	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	106.28%
50) Toluene-d8	10.185	98	375891	52.77	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	105.54%
62) 4-Bromofluorobenzene	12.483	95	135015	51.32	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	102.64%
Target Compounds						
					Qvalue	
3) Chloromethane	2.119	50	279	Below Cal	#	86
16) Acetone	3.966	43	1058	2.27 ug/l	#	85
20) Methylene Chloride	4.735	84	6382	Below Cal		95
31) Cyclohexane	7.807	56	3865	1.14 ug/l	#	1
36) 1,1-Dichloropropene	7.795	75	14274	5.04 ug/l	#	51
38) Carbon Tetrachloride	7.801	117	19935	6.64 ug/l	#	15
51) 4-Methyl-2-Pentanone	10.185	43	1763	1.14 ug/l	#	1
76) 1,2,3-Trichloropropane	12.483	75	75636	56.14 ug/l	#	100
81) trans-1,4-Dichloro-2-b...	12.483	75	75636	110.79 ug/l	#	14

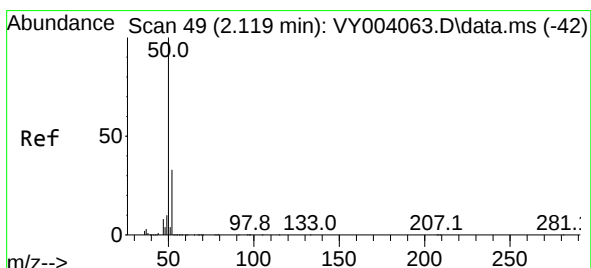
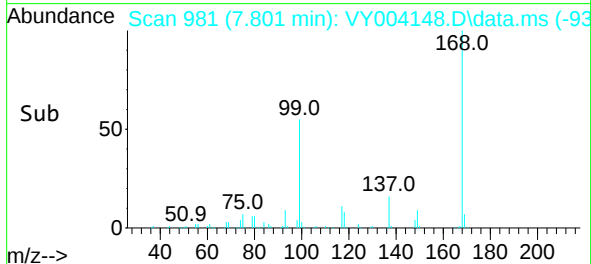
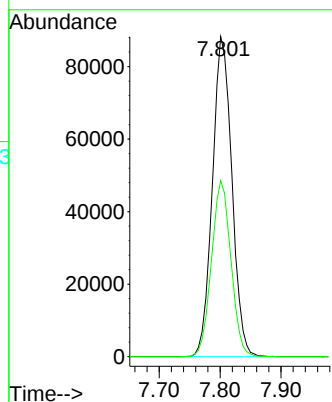
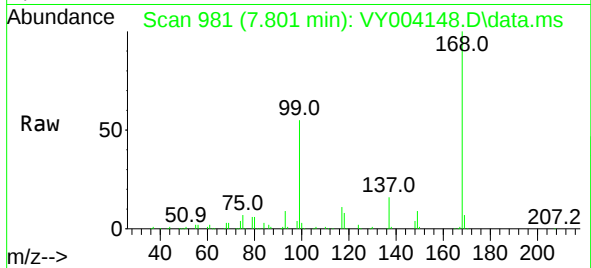
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY004148.D
Acq: 19 Mar 2021 20:14

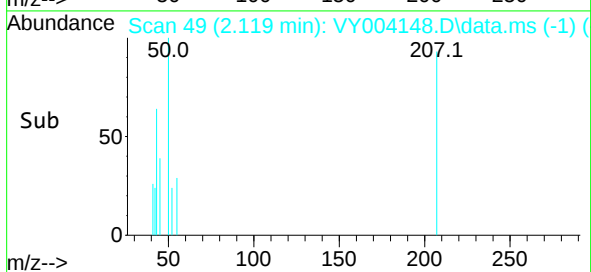
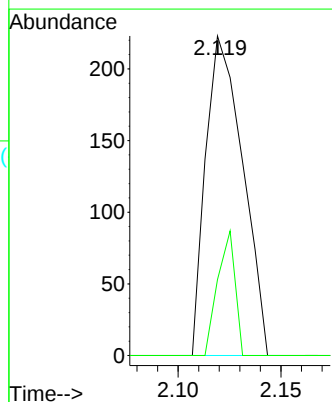
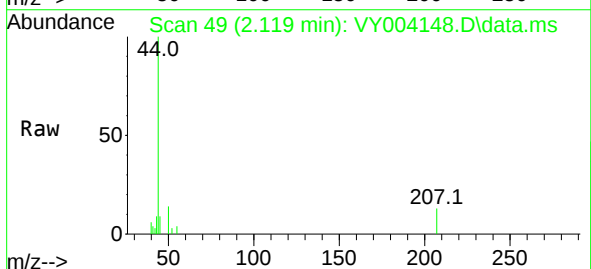
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MSVOA_Y
ClientSampleId :
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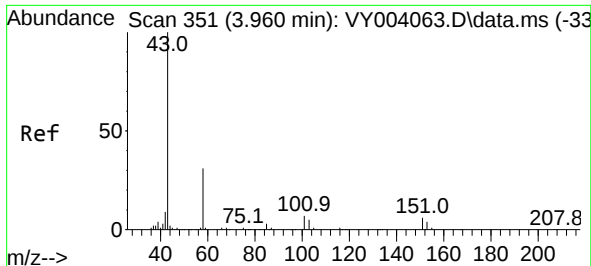
Tgt Ion:168 Resp: 196058
Ion Ratio Lower Upper
168 100
99 55.1 41.2 61.8



#3
Chloromethane
Concen: Below Cal
RT: 2.119 min Scan# 49
Delta R.T. 0.000 min
Lab File: VY004148.D
Acq: 19 Mar 2021 20:14

Tgt Ion: 50 Resp: 279
Ion Ratio Lower Upper
50 100
52 23.8 25.4 38.2#

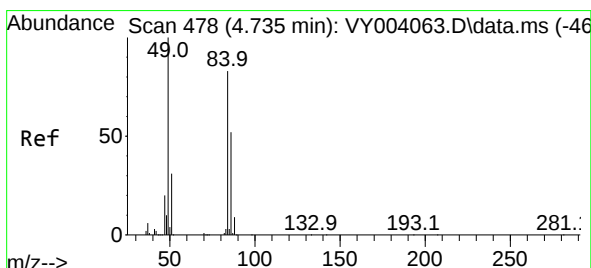
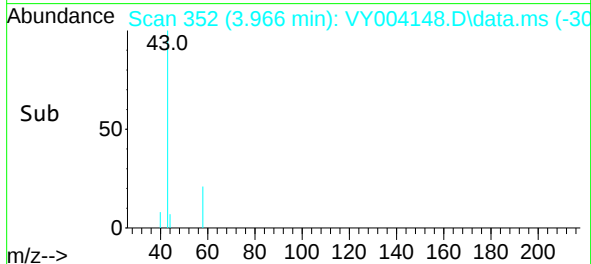
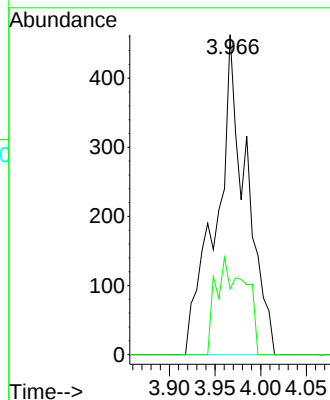
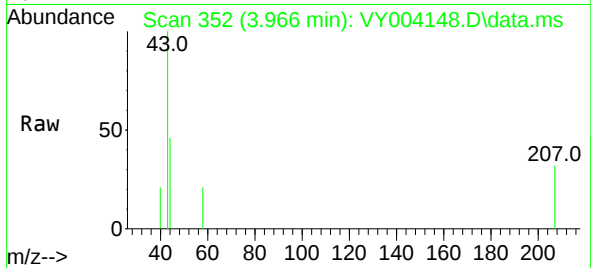




#16
Acetone
Concen: 2.27 ug/l
RT: 3.966 min Scan# 352
Delta R.T. 0.006 min
Lab File: VY004148.D
Acq: 19 Mar 2021 20:14

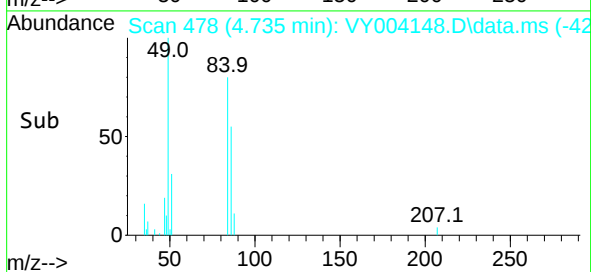
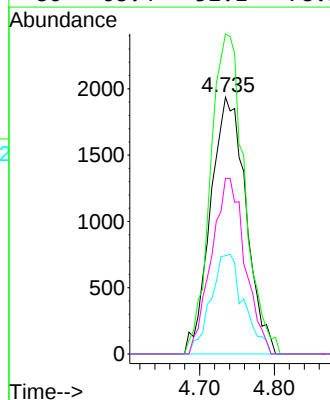
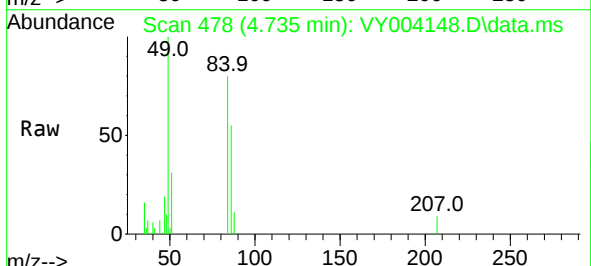
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MSVOA_Y
ClientSampled :
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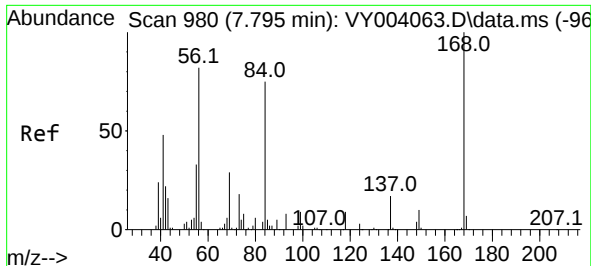
Tgt Ion: 43 Resp: 1058
Ion Ratio Lower Upper
43 100
58 20.5 22.6 34.0#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.735 min Scan# 478
Delta R.T. -0.000 min
Lab File: VY004148.D
Acq: 19 Mar 2021 20:14

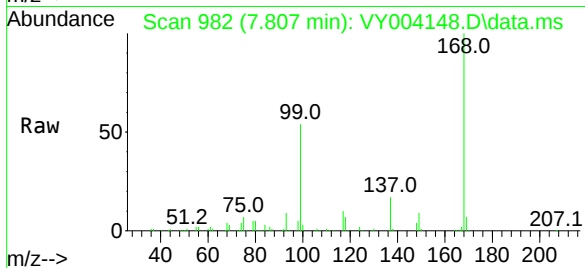
Tgt Ion: 84 Resp: 6382
Ion Ratio Lower Upper
84 100
49 124.6 105.8 158.6
51 38.3 32.6 48.8
86 68.4 52.1 78.1



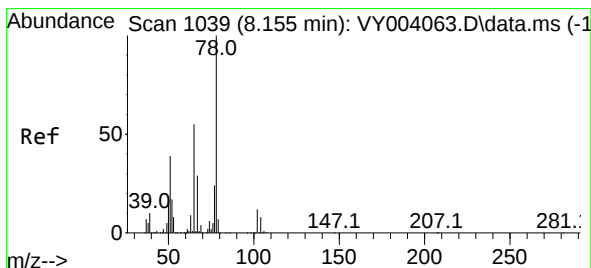
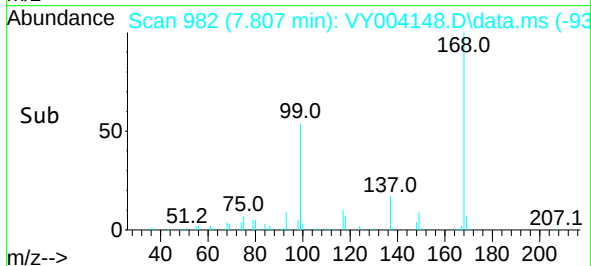
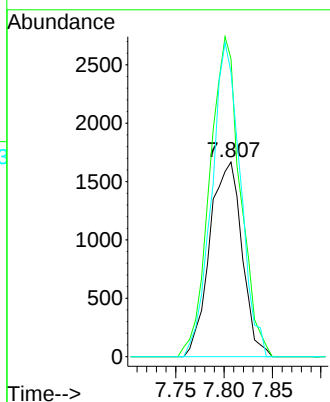


#31
Cyclohexane
Concen: 1.14 ug/l
RT: 7.807 min Scan# 982
Delta R.T. 0.012 min
Lab File: VY004148.D
Acq: 19 Mar 2021 20:14

Instrument :
MSVOA_Y
ClientSampled :
COMP-1

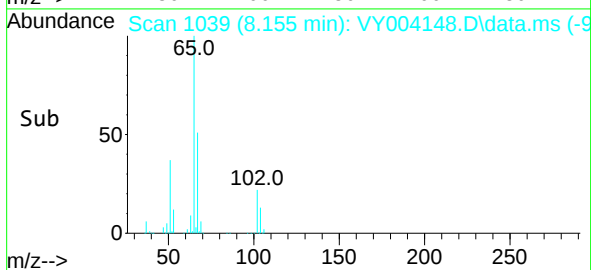
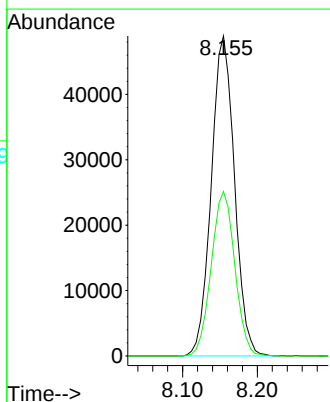
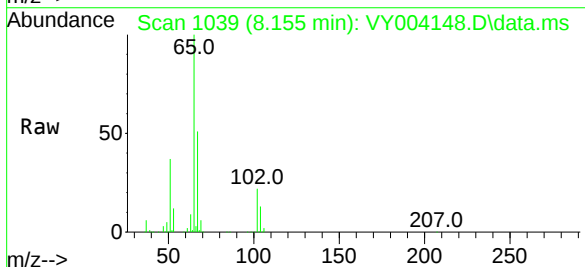


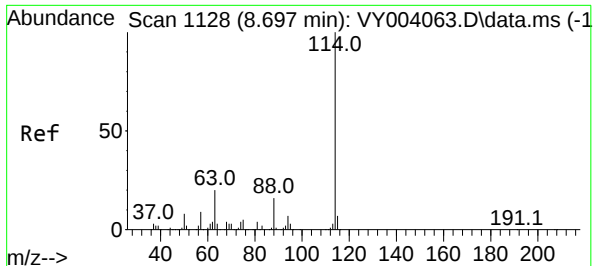
Tgt Ion: 56 Resp: 3865
Ion Ratio Lower Upper
56 100
69 153.0 25.3 37.9#
84 146.2 67.3 100.9#



#33
1,2-Dichloroethane-d4
Concen: 54.57 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. -0.000 min
Lab File: VY004148.D
Acq: 19 Mar 2021 20:14

Tgt Ion: 65 Resp: 105578
Ion Ratio Lower Upper
65 100
67 52.2 0.0 101.4

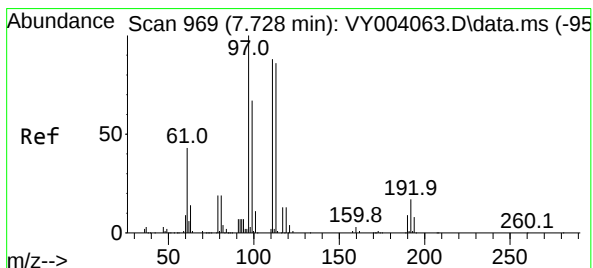
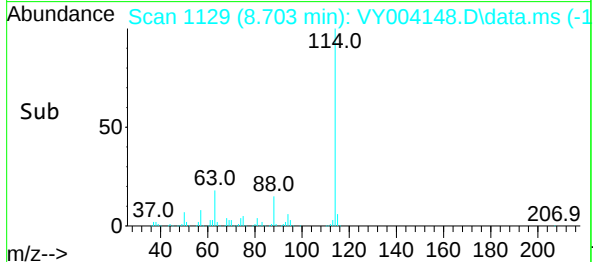
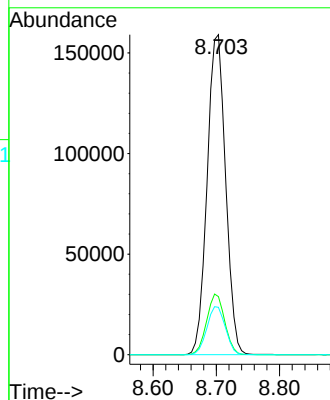
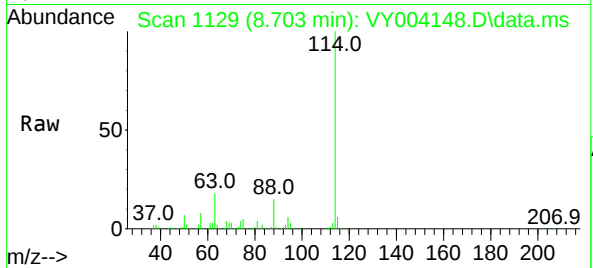




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.703 min Scan# 1129
Delta R.T. 0.006 min
Lab File: VY004148.D
Acq: 19 Mar 2021 20:14

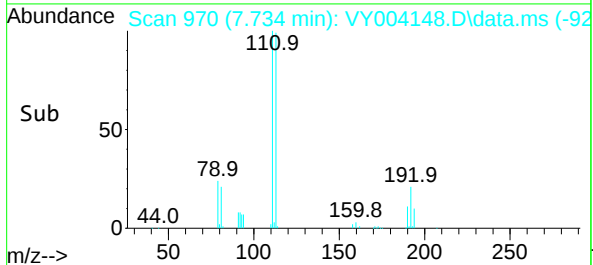
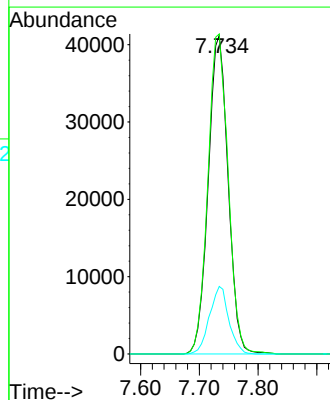
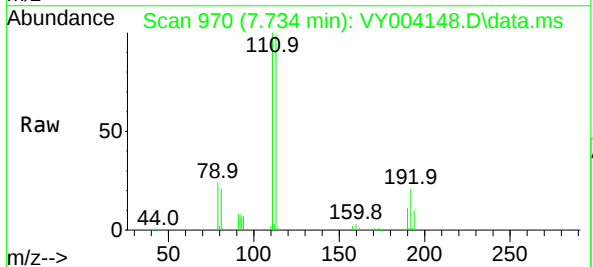
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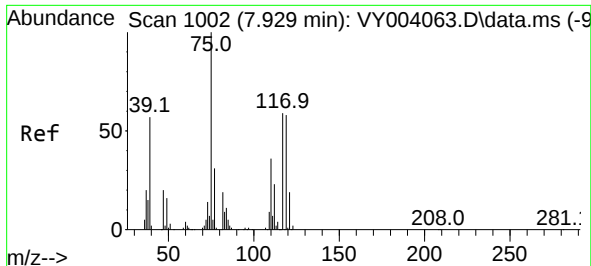
Tgt Ion:114 Resp: 322201
Ion Ratio Lower Upper
114 100
63 18.1 0.0 41.6
88 14.8 0.0 31.4



#35
Dibromofluoromethane
Concen: 53.14 ug/l
RT: 7.734 min Scan# 970
Delta R.T. 0.006 min
Lab File: VY004148.D
Acq: 19 Mar 2021 20:14

Tgt Ion:113 Resp: 96558
Ion Ratio Lower Upper
113 100
111 102.7 83.2 124.8
192 20.6 18.5 27.7

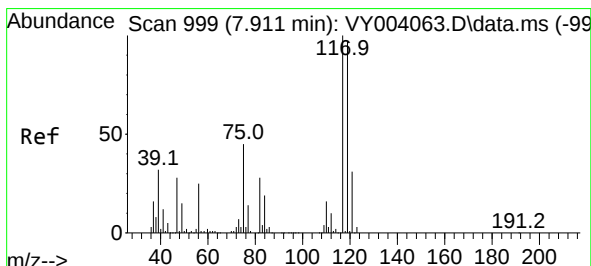
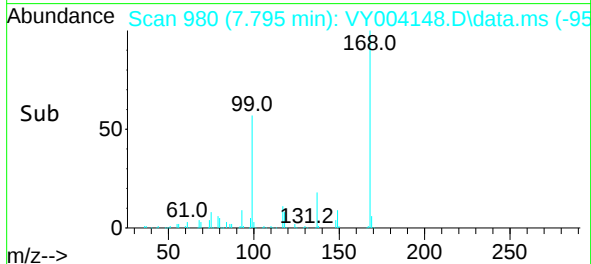
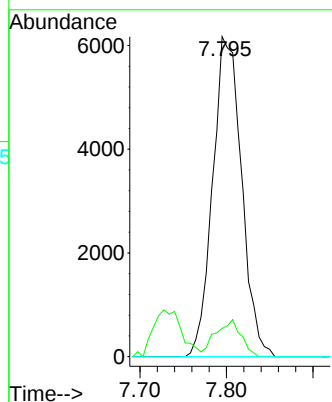
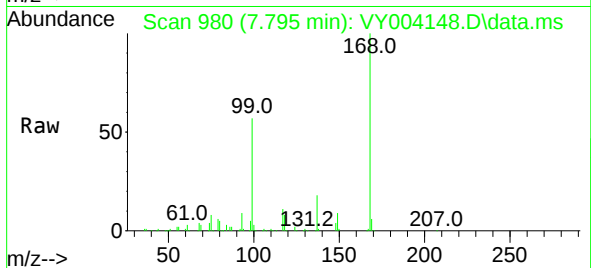




#36
1,1-Dichloropropene
Concen: 5.04 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.134 min
Lab File: VY004148.D
Acq: 19 Mar 2021 20:14

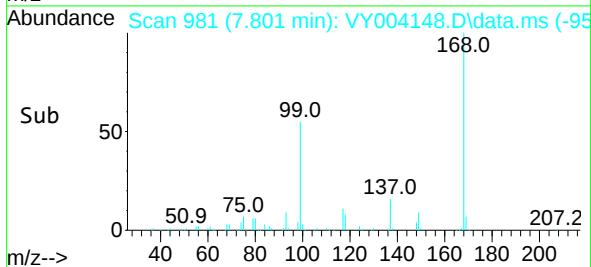
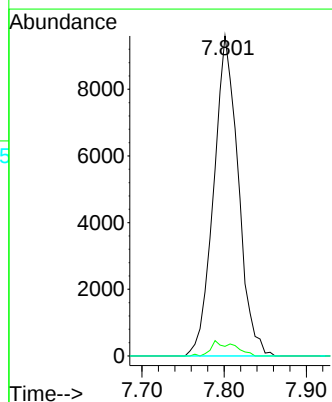
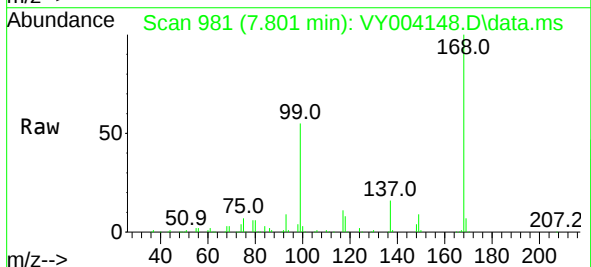
Instrument :
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ClientSampleId :
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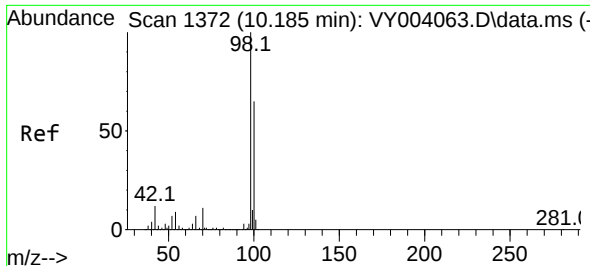
Tgt Ion: 75 Resp: 14274
Ion Ratio Lower Upper
75 100
110 10.2 17.4 52.3#
77 0.0 24.5 36.7#



#38
Carbon Tetrachloride
Concen: 6.64 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.110 min
Lab File: VY004148.D
Acq: 19 Mar 2021 20:14

Tgt Ion: 117 Resp: 19935
Ion Ratio Lower Upper
117 100
119 3.0 75.4 113.0#
121 0.0 24.2 36.2#

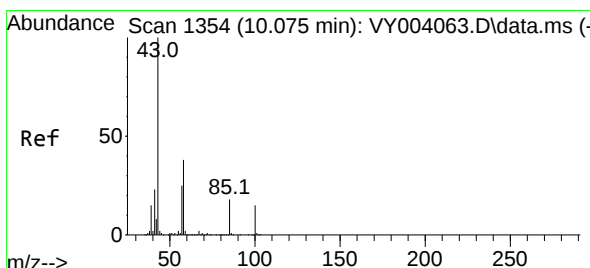
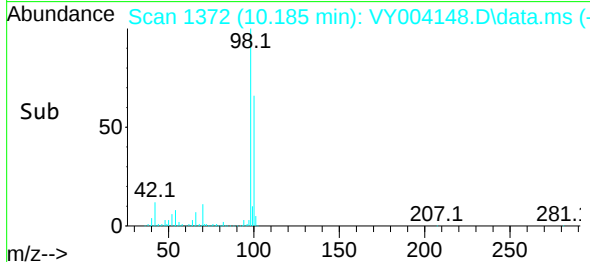
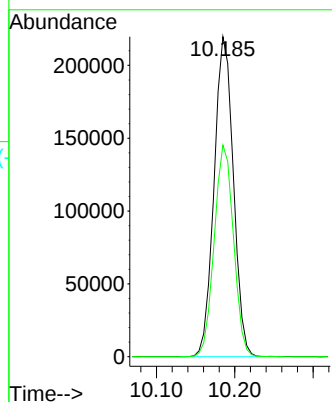
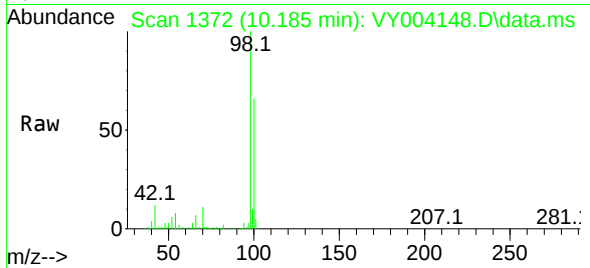




#50
Toluene-d8
Concen: 52.77 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY004148.D
Acq: 19 Mar 2021 20:14

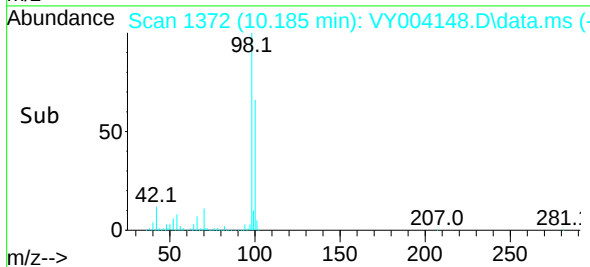
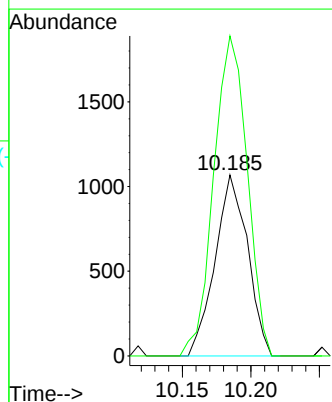
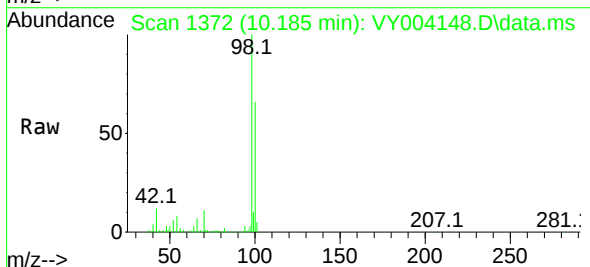
Instrument :
MSVOA_Y
ClientSampled :
COMP-1

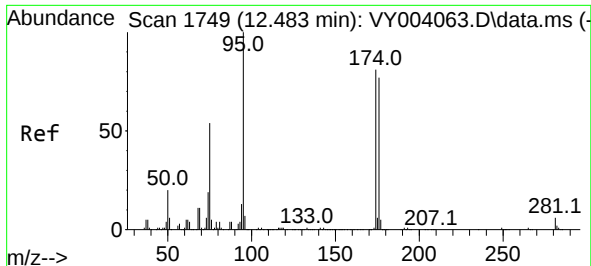
Tgt Ion: 98 Resp: 375891
Ion Ratio Lower Upper
98 100
100 66.1 51.8 77.6



#51
4-Methyl-2-Pentanone
Concen: 1.14 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.110 min
Lab File: VY004148.D
Acq: 19 Mar 2021 20:14

Tgt Ion: 43 Resp: 1763
Ion Ratio Lower Upper
43 100
58 181.9 29.8 44.8#

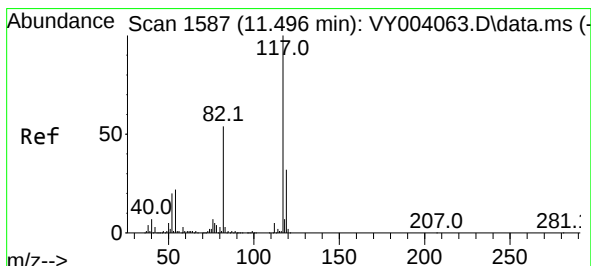
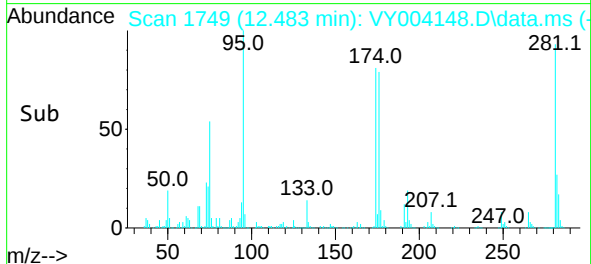
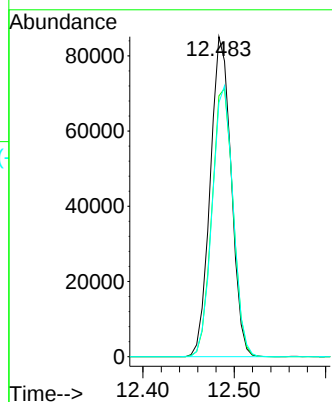
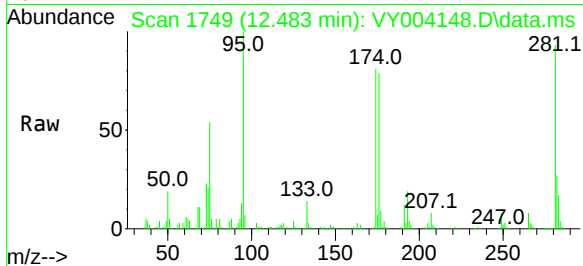




#62
4-Bromofluorobenzene
Concen: 51.32 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY004148.D
Acq: 19 Mar 2021 20:14

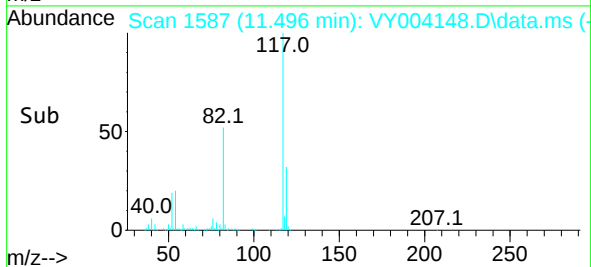
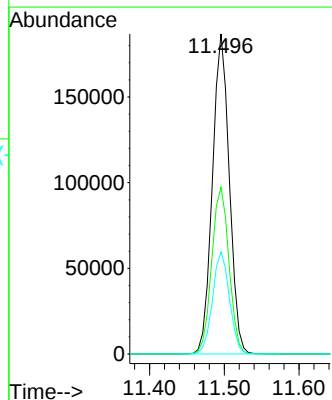
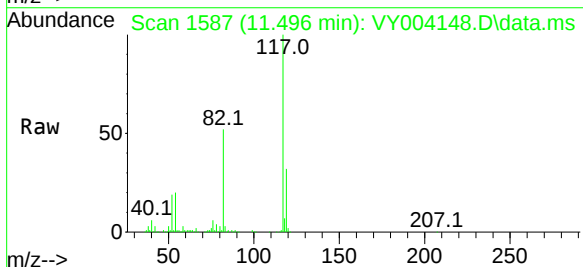
Instrument :
MSVOA_Y
ClientSampleId :
COMP-1

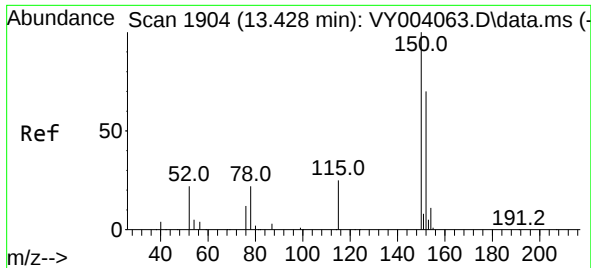
Tgt Ion: 95 Resp: 135015
Ion Ratio Lower Upper
95 100
174 84.8 0.0 179.0
176 84.7 0.0 174.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.001 min
Lab File: VY004148.D
Acq: 19 Mar 2021 20:14

Tgt Ion: 117 Resp: 293772
Ion Ratio Lower Upper
117 100
82 52.1 43.8 65.6
119 31.9 26.2 39.2

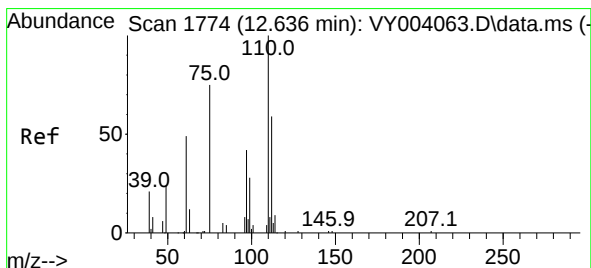
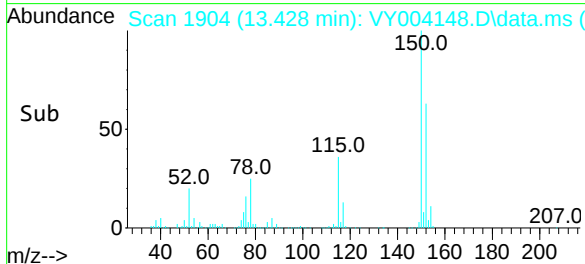
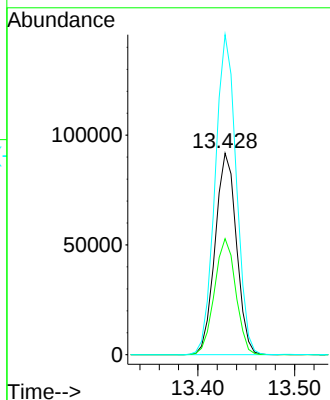
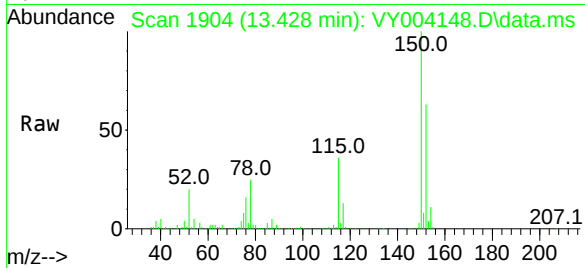




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY004148.D
 Acq: 19 Mar 2021 20:14

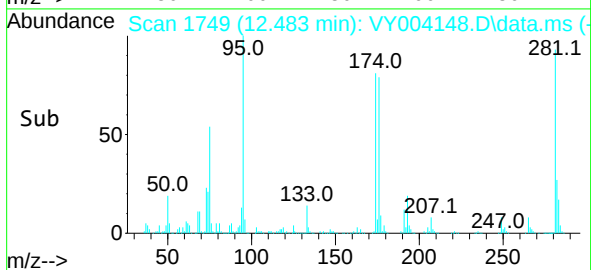
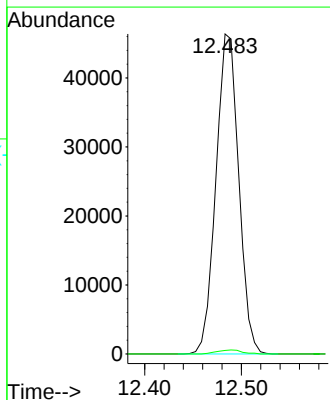
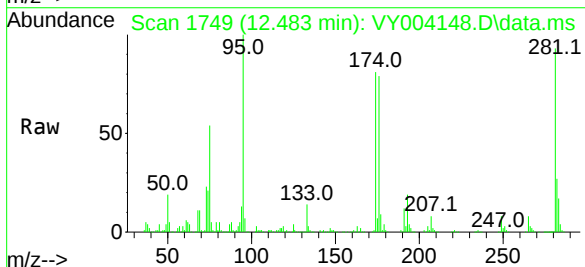
Instrument :
 MSVOA_Y
 ClientSampleId :
 COMP-1

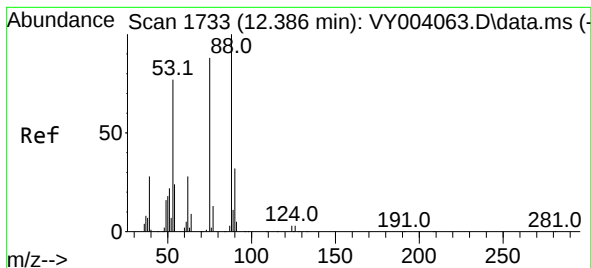
Tgt Ion:152 Resp: 140515
 Ion Ratio Lower Upper
 152 100
 115 57.5 28.2 84.6
 150 157.3 0.0 347.2



#76
 1,2,3-Trichloropropane
 Concen: 56.14 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.153 min
 Lab File: VY004148.D
 Acq: 19 Mar 2021 20:14

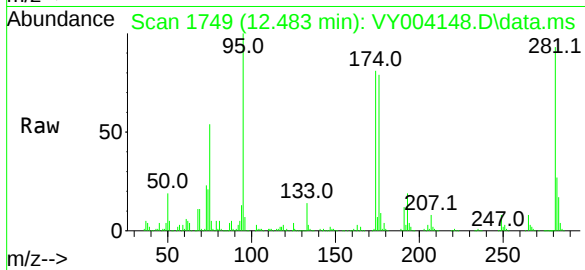
Tgt Ion: 75 Resp: 75636
 Ion Ratio Lower Upper
 75 100
 77 1.4 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 110.79 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. 0.097 min
 Lab File: VY004148.D
 Acq: 19 Mar 2021 20:14

Instrument :
 MSVOA_Y
 ClientSampleId :
 COMP-1



Tgt Ion: 75 Resp: 75636
 Ion Ratio Lower Upper
 75 100
 53 0.0 73.5 110.3#
 89 2.3 35.7 53.5#

