

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072721\
 Data File : VY005469.D
 Acq On : 27 Jul 2021 17:01
 Operator : SY/MD
 Sample : M3142-03
 Misc : 6.92G/5ML/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jul 28 02:35:06 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y072221S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 23 06:20:14 2021
 Response via : Initial Calibration

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

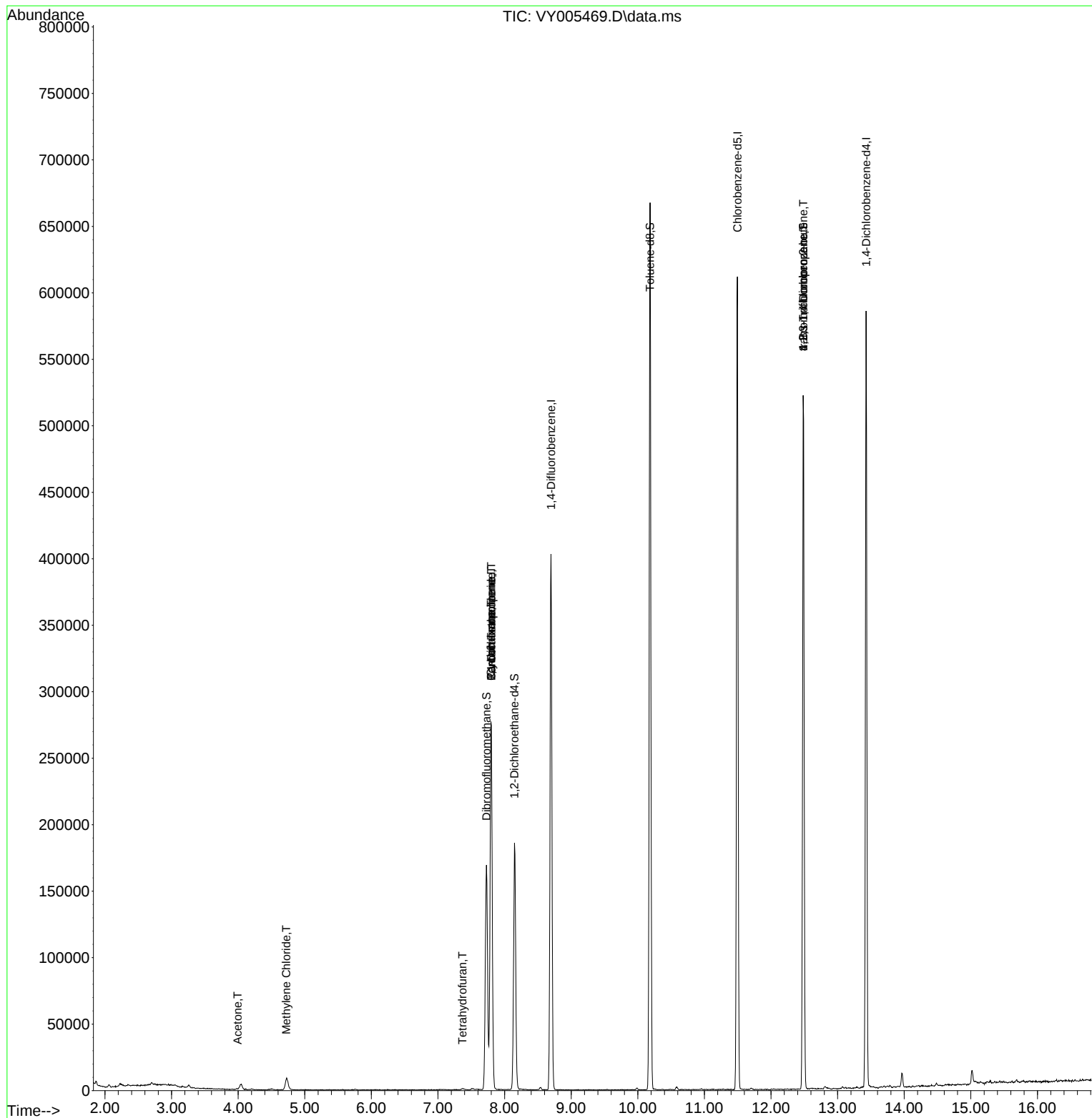
Internal Standards						
1) Pentafluorobenzene	7.801	168	225974	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	340101	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	332621	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	148315	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	147587	61.134	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 122.260%	
35) Dibromofluoromethane	7.728	113	116814	59.484	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 118.960%	
50) Toluene-d8	10.185	98	428355	51.465	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 102.940%	
62) 4-Bromofluorobenzene	12.483	95	140915	51.297	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 102.600%	
Target Compounds						
					Qvalue	
16) Acetone	3.991	43	1194	2.166	ug/l	97
20) Methylene Chloride	4.722	84	6623	1.025	ug/l #	86
29) Tetrahydrofuran	7.368	42	738	1.350	ug/l	89
31) Cyclohexane	7.795	56	4592	1.114	ug/l #	13
36) 1,1-Dichloropropene	7.801	75	16319	4.963	ug/l #	50
38) Carbon Tetrachloride	7.801	117	20201	5.622	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	77088	52.822	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	77088	102.566	ug/l #	11

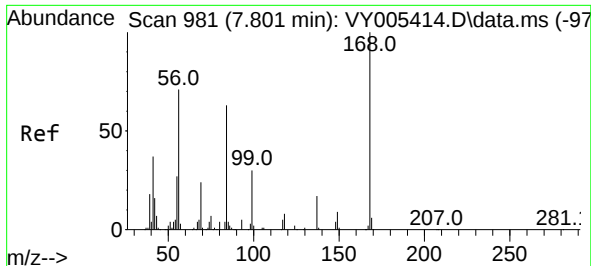
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072721\
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Quant Title : SW846 8260
QLast Update : Fri Jul 23 06:20:14 2021
Response via : Initial Calibration

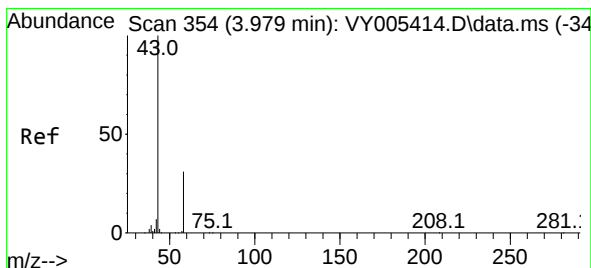
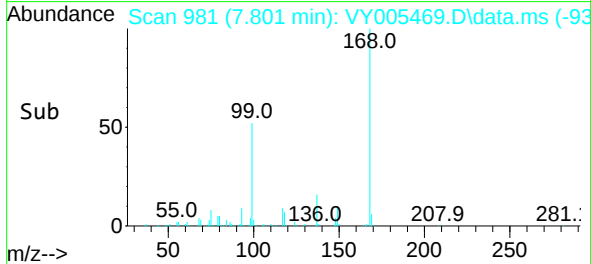
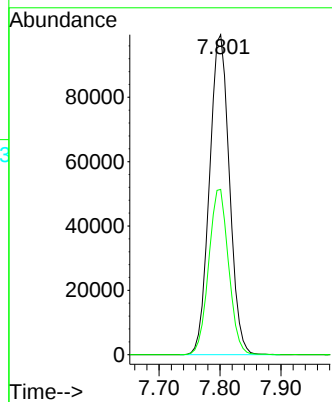
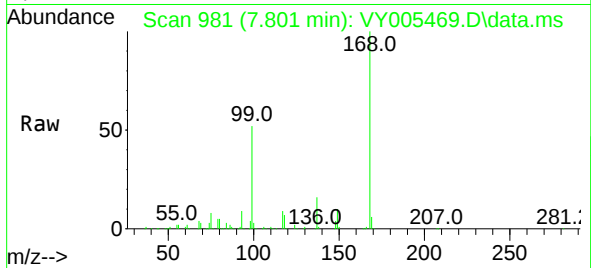




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY005469.D
Acq: 27 Jul 2021 17:01

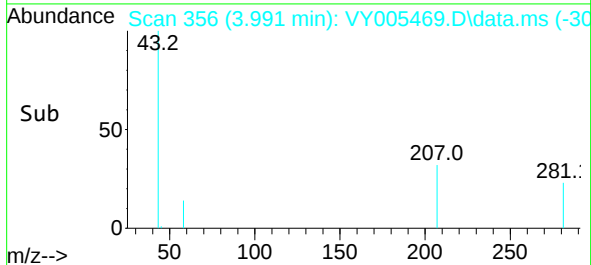
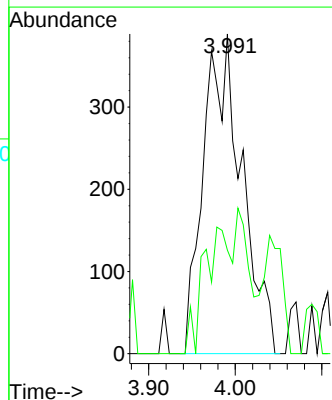
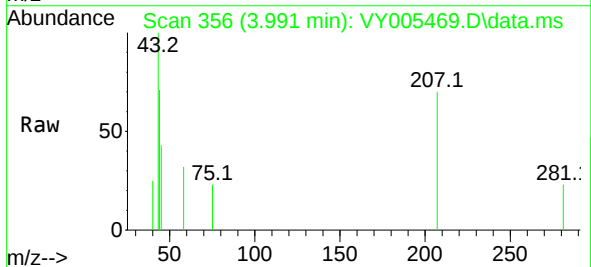
Instrument :
MSVOA_Y
ClientSampled :

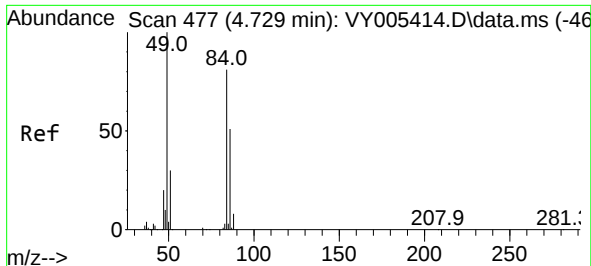
Tgt Ion:168 Resp: 225974
Ion Ratio Lower Upper
168 100
99 51.7 39.8 59.6



#16
Acetone
Concen: 2.166 ug/l
RT: 3.991 min Scan# 356
Delta R.T. 0.012 min
Lab File: VY005469.D
Acq: 27 Jul 2021 17:01

Tgt Ion: 43 Resp: 1194
Ion Ratio Lower Upper
43 100
58 32.4 24.5 36.7





#20

Methylene Chloride

Concen: 1.025 ug/l

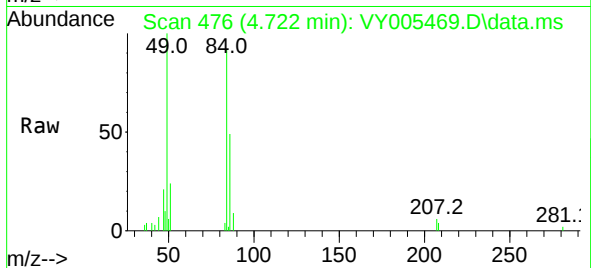
RT: 4.722 min Scan# 476

Delta R.T. -0.007 min

Lab File: VY005469.D

Acq: 27 Jul 2021 17:01

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 84 Resp: 6623

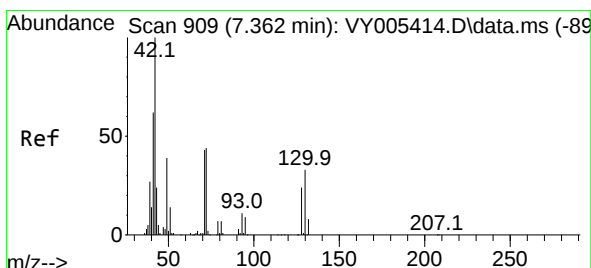
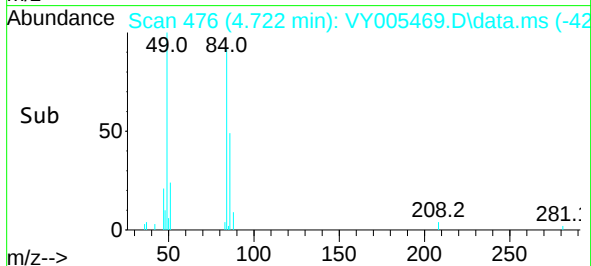
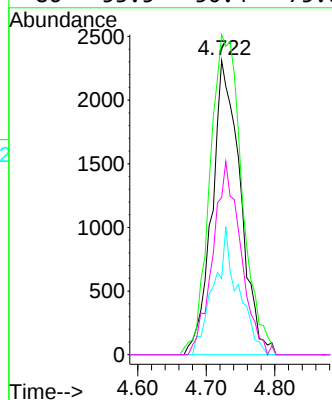
Ion Ratio Lower Upper

84 100

49 108.7 98.9 148.3

51 25.9 30.0 45.0#

86 53.5 50.4 75.6



#29

Tetrahydrofuran

Concen: 1.350 ug/l

RT: 7.368 min Scan# 910

Delta R.T. 0.006 min

Lab File: VY005469.D

Acq: 27 Jul 2021 17:01

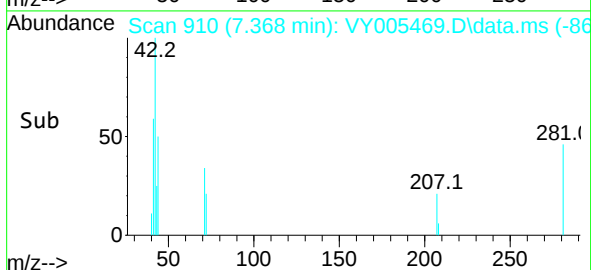
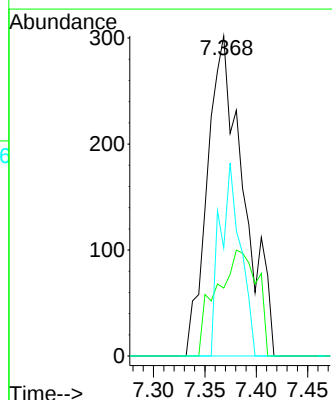
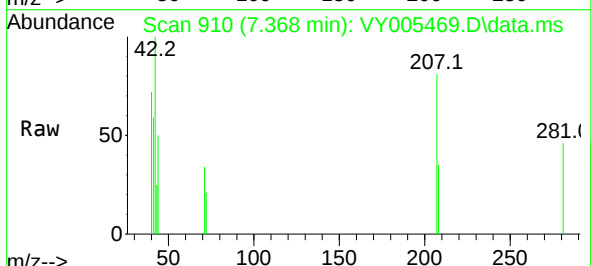
Tgt Ion: 42 Resp: 738

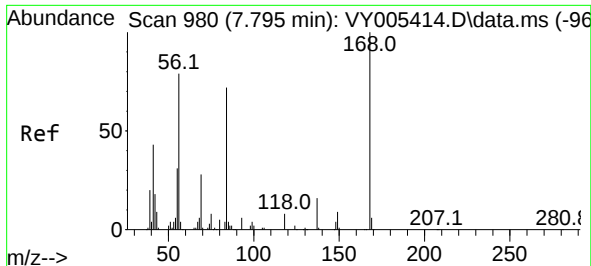
Ion Ratio Lower Upper

42 100

72 37.1 35.3 52.9

71 34.3 33.4 50.2

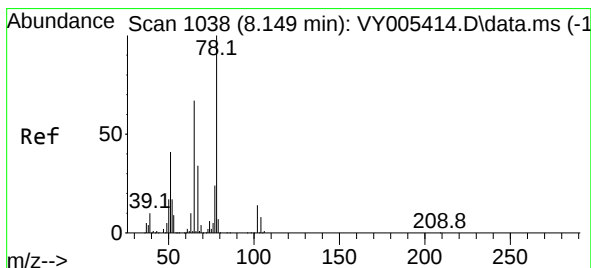
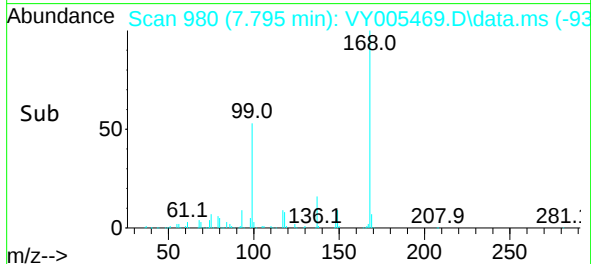
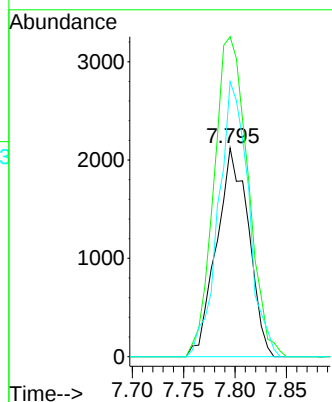
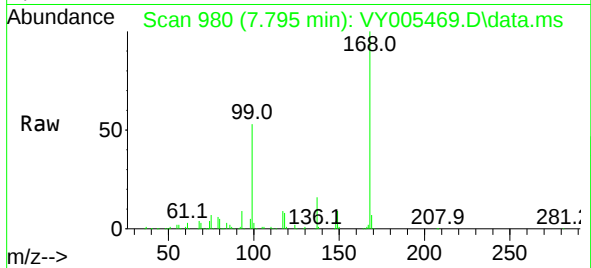




#31
Cyclohexane
Concen: 1.114 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY005469.D
Acq: 27 Jul 2021 17:01

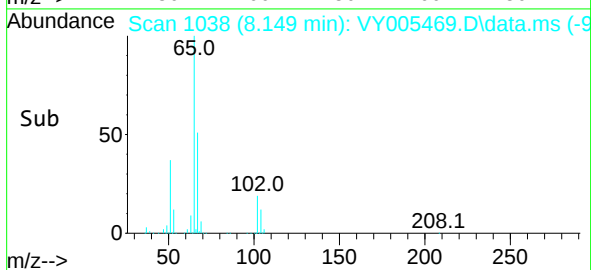
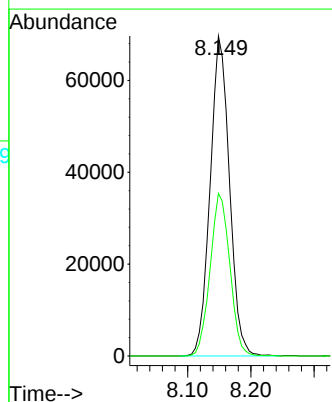
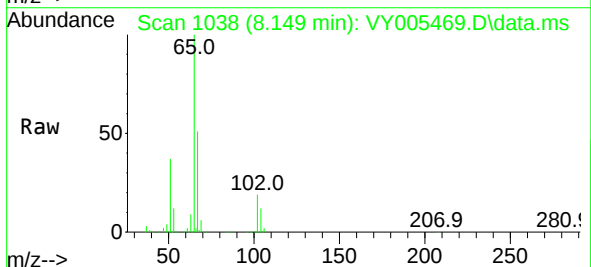
Instrument :
MSVOA_Y
ClientSampleId :

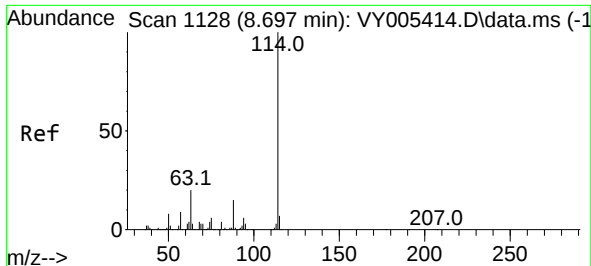
Tgt Ion: 56 Resp: 4592
Ion Ratio Lower Upper
56 100
69 153.4 28.7 43.1#
84 131.8 73.0 109.6#



#33
1,2-Dichloroethane-d4
Concen: 61.134 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY005469.D
Acq: 27 Jul 2021 17:01

Tgt Ion: 65 Resp: 147587
Ion Ratio Lower Upper
65 100
67 51.8 0.0 102.2

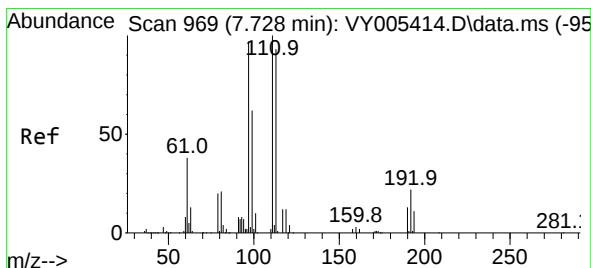
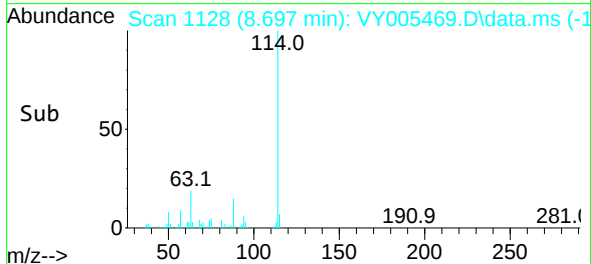
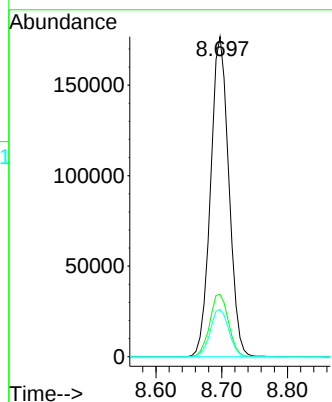
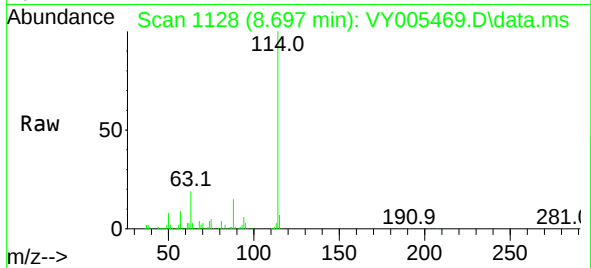




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY005469.D
Acq: 27 Jul 2021 17:01

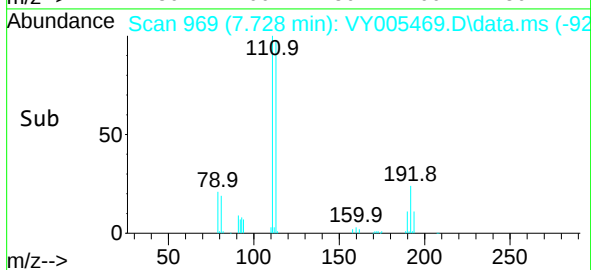
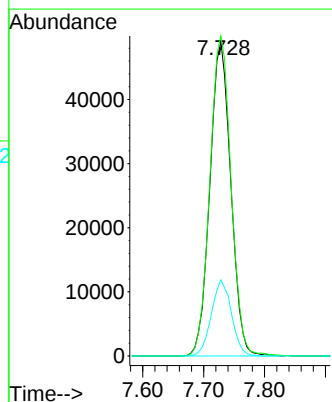
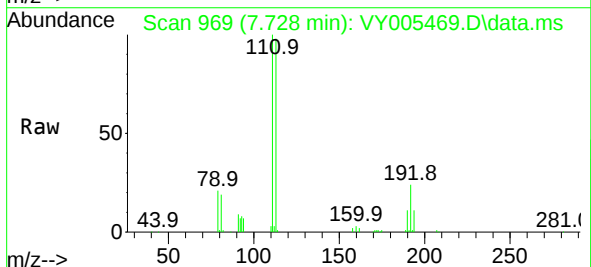
Instrument :
MSVOA_Y
ClientSampled :

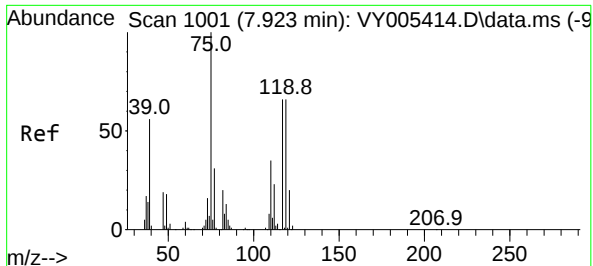
Tgt Ion:114 Resp: 340101
Ion Ratio Lower Upper
114 100
63 19.5 0.0 39.0
88 14.7 0.0 30.8



#35
Dibromofluoromethane
Concen: 59.484 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.000 min
Lab File: VY005469.D
Acq: 27 Jul 2021 17:01

Tgt Ion:113 Resp: 116814
Ion Ratio Lower Upper
113 100
111 103.2 82.6 124.0
192 23.3 18.9 28.3

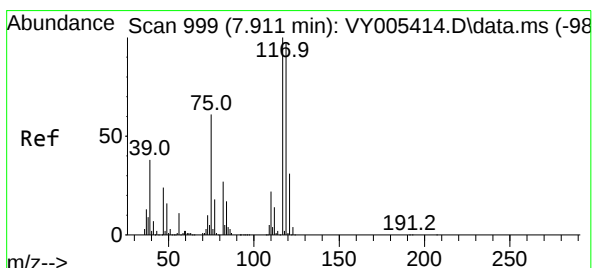
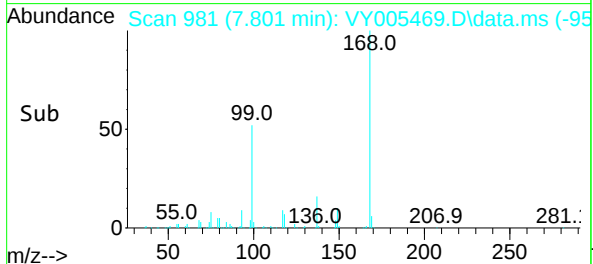
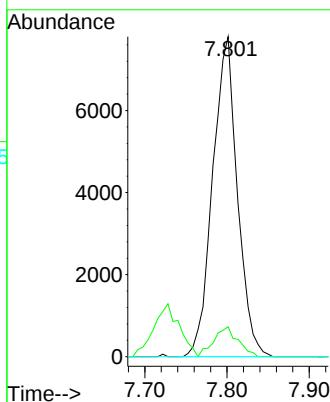
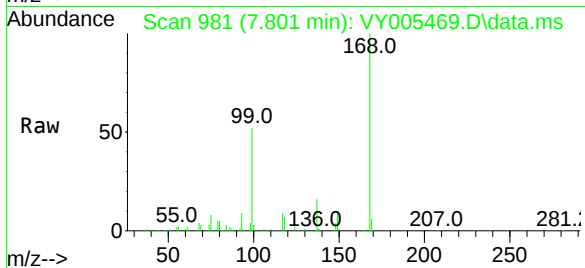




#36
1,1-Dichloropropene
Concen: 4.963 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.122 min
Lab File: VY005469.D
Acq: 27 Jul 2021 17:01

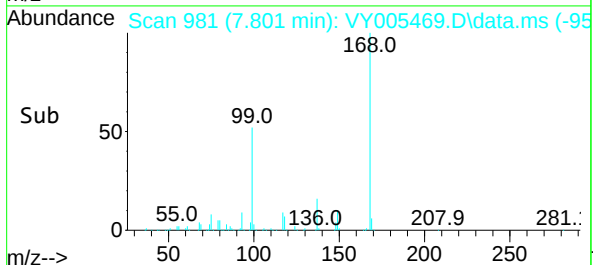
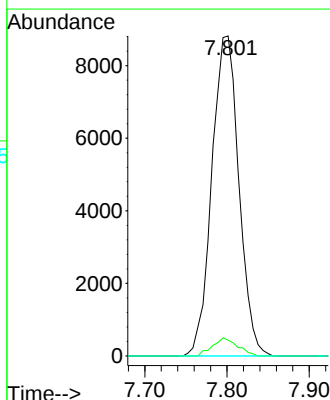
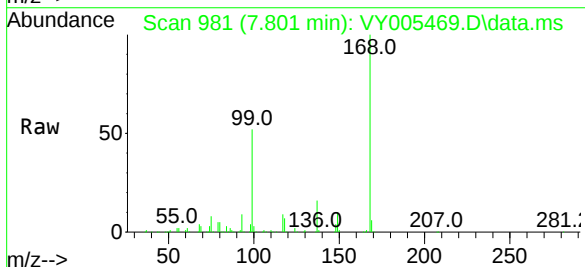
Instrument :
MSVOA_Y
ClientSampled :

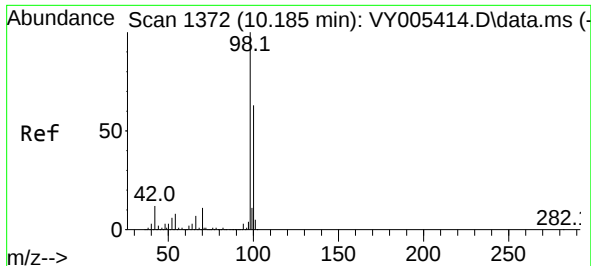
Tgt Ion: 75 Resp: 16319
Ion Ratio Lower Upper
75 100
110 9.1 17.6 52.9#
77 0.0 24.6 37.0#



#38
Carbon Tetrachloride
Concen: 5.622 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.110 min
Lab File: VY005469.D
Acq: 27 Jul 2021 17:01

Tgt Ion: 117 Resp: 20201
Ion Ratio Lower Upper
117 100
119 5.0 77.2 115.8#
121 0.0 25.1 37.7#

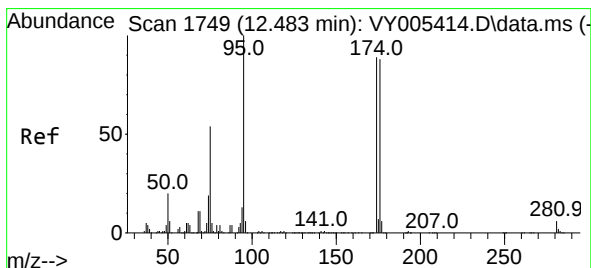
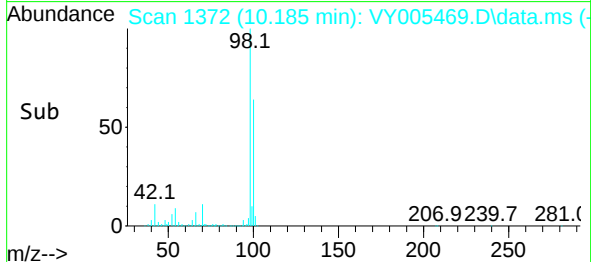
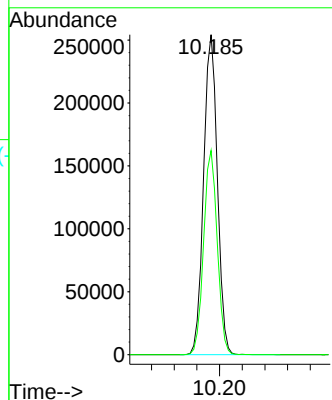
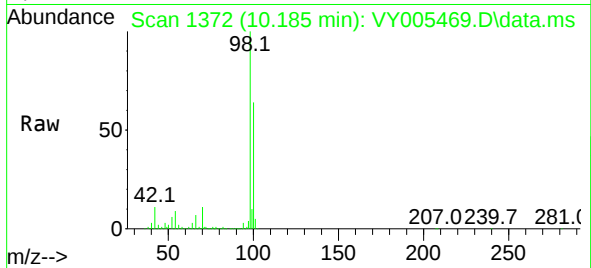




#50
Toluene-d8
Concen: 51.465 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY005469.D
Acq: 27 Jul 2021 17:01

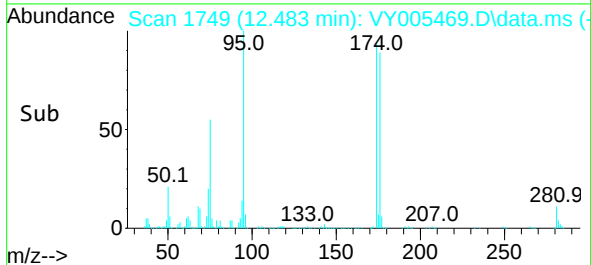
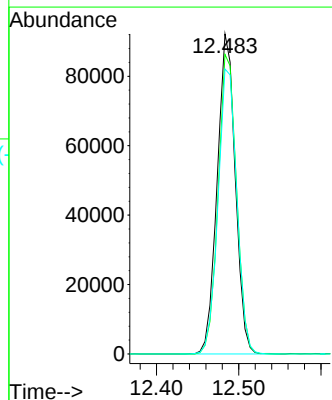
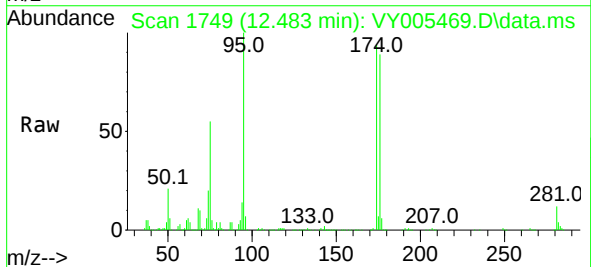
Instrument :
MSVOA_Y
ClientSampled :

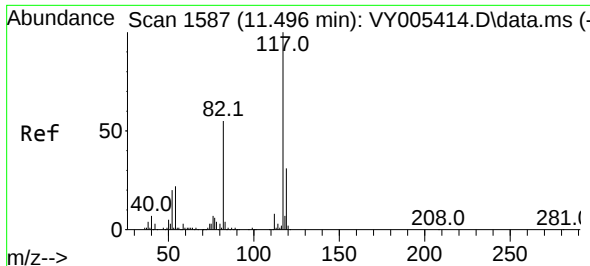
Tgt Ion: 98 Resp: 428355
Ion Ratio Lower Upper
98 100
100 63.1 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 51.297 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY005469.D
Acq: 27 Jul 2021 17:01

Tgt Ion: 95 Resp: 140915
Ion Ratio Lower Upper
95 100
174 94.9 0.0 186.6
176 92.3 0.0 182.4

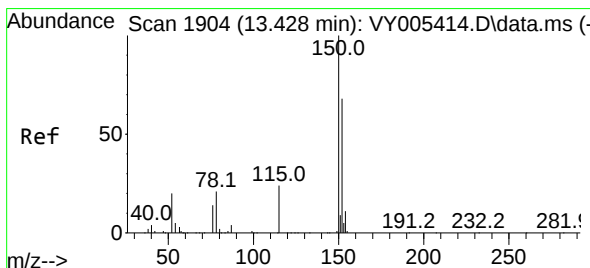
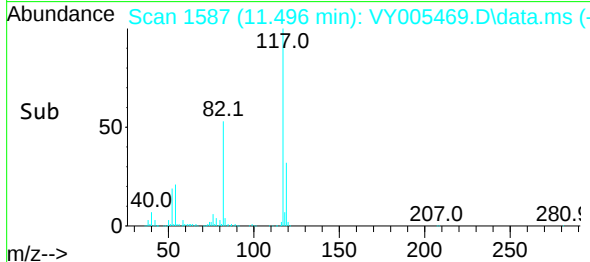
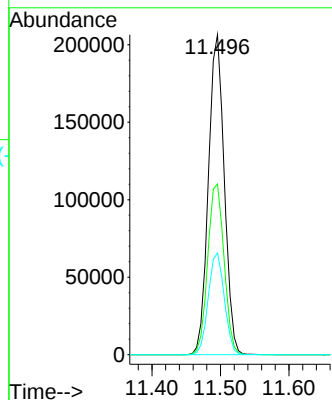
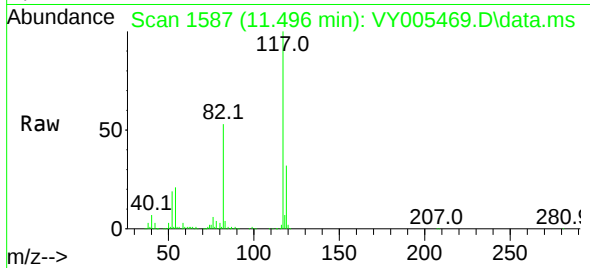




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY005469.D
Acq: 27 Jul 2021 17:01

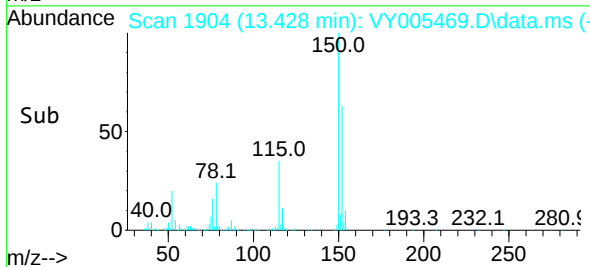
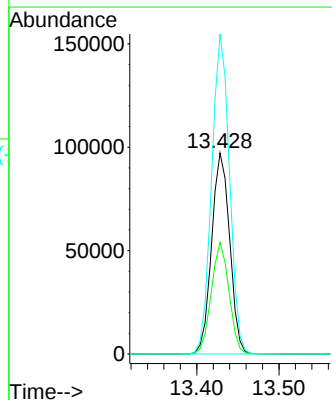
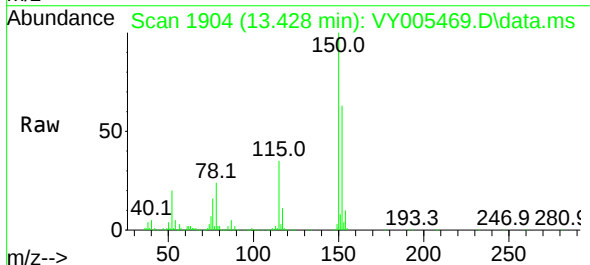
Instrument :
MSVOA_Y
ClientSampled :

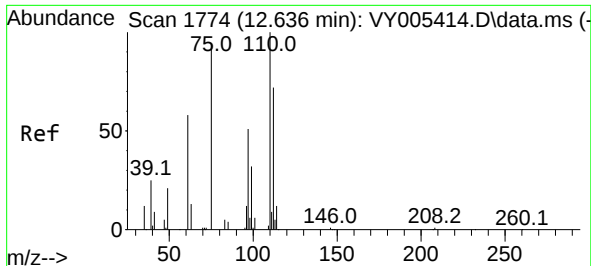
Tgt Ion:117 Resp: 332621
Ion Ratio Lower Upper
117 100
82 53.3 43.8 65.6
119 31.8 24.8 37.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY005469.D
Acq: 27 Jul 2021 17:01

Tgt Ion:152 Resp: 148315
Ion Ratio Lower Upper
152 100
115 54.3 27.7 83.1
150 157.1 0.0 349.6

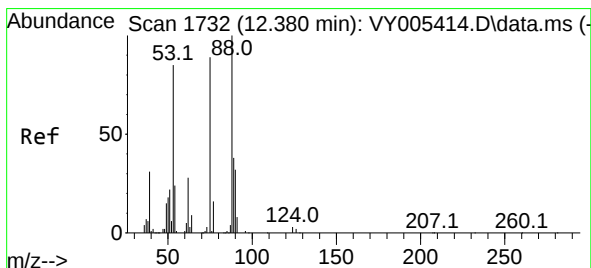
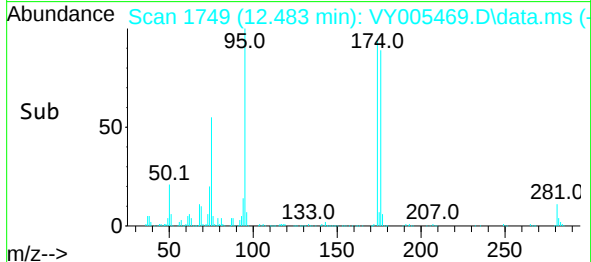
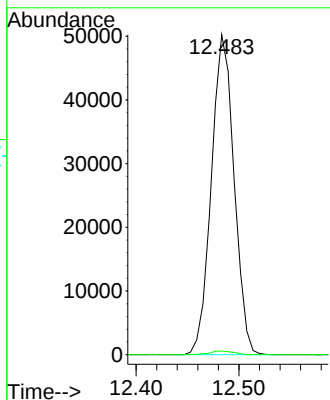
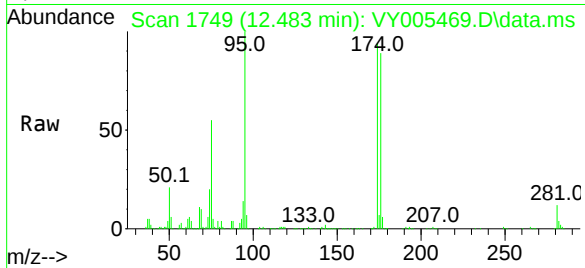




#76
1,2,3-Trichloropropane
Concen: 52.822 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY005469.D
Acq: 27 Jul 2021 17:01

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 77088
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 102.566 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY005469.D
Acq: 27 Jul 2021 17:01

Tgt Ion: 75 Resp: 77088
Ion Ratio Lower Upper
75 100
53 0.0 76.1 114.1#
89 0.2 36.9 55.3#

