

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072721\
 Data File : VY005473.D
 Acq On : 27 Jul 2021 18:34
 Operator : SY/MD
 Sample : M3175-02
 Misc : 5.59G/5ML/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jul 28 02:36:08 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)

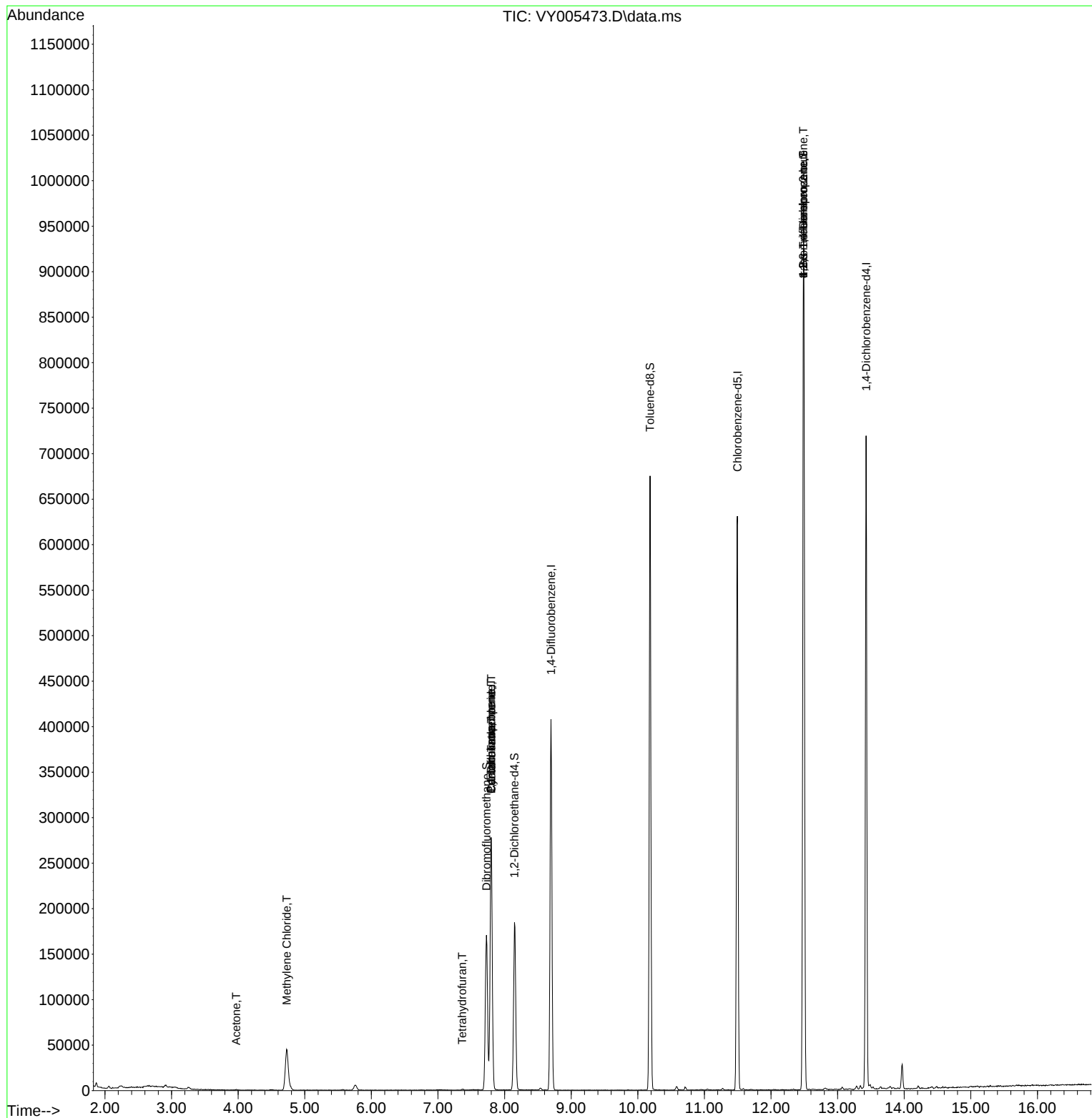
Internal Standards						
1) Pentafluorobenzene	7.801	168	227916	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	337661	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	344202	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	180799	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	150558	61.833	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 123.660%	
35) Dibromofluoromethane	7.728	113	118143	60.596	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 121.200%	
50) Toluene-d8	10.185	98	428869	51.899	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 103.800%	
62) 4-Bromofluorobenzene	12.483	95	155378	56.971	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 113.940%	
Target Compounds						
					Qvalue	
16) Acetone	3.972	43	797	1.433	ug/l #	85
20) Methylene Chloride	4.728	84	33649	9.506	ug/l	95
29) Tetrahydrofuran	7.362	42	565	1.025	ug/l #	77
31) Cyclohexane	7.801	56	4343	1.045	ug/l #	16
36) 1,1-Dichloropropene	7.795	75	15984	4.896	ug/l #	51
38) Carbon Tetrachloride	7.801	117	21200	5.942	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	88625	49.817	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	88625	96.730	ug/l #	12

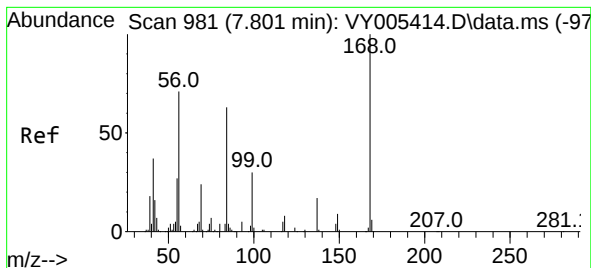
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VY005473.D

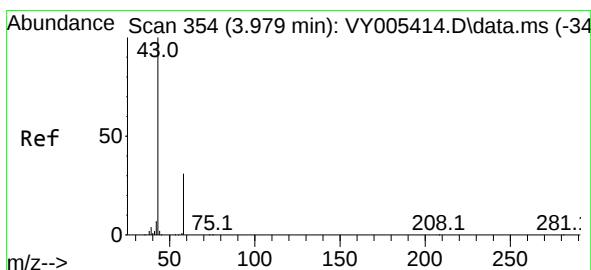
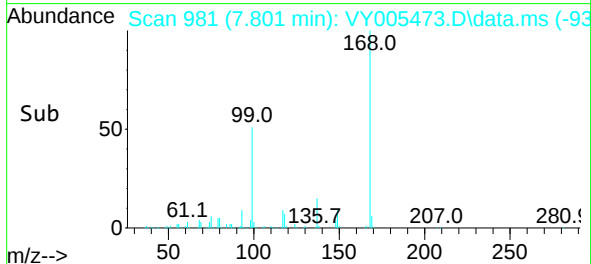
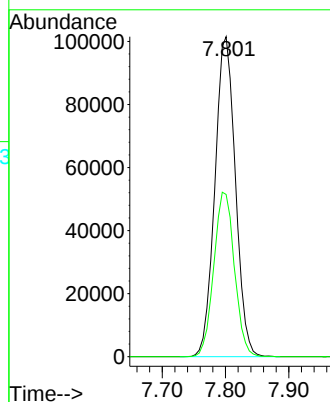
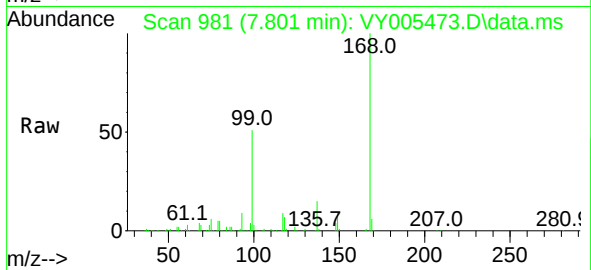
Acq: 27 Jul 2021 18:34

Tgt Ion:168 Resp: 227916

Ion Ratio Lower Upper

168 100

99 50.7 39.8 59.6



#16

Acetone

Concen: 1.433 ug/l

RT: 3.972 min Scan# 353

Delta R.T. -0.006 min

Lab File: VY005473.D

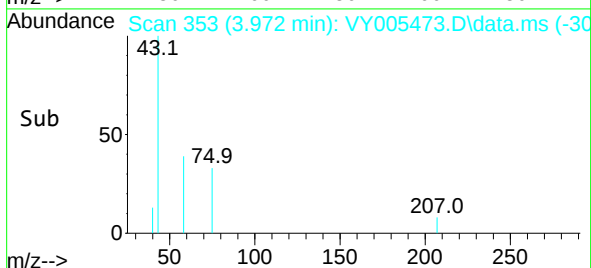
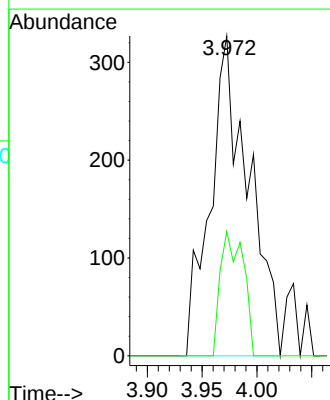
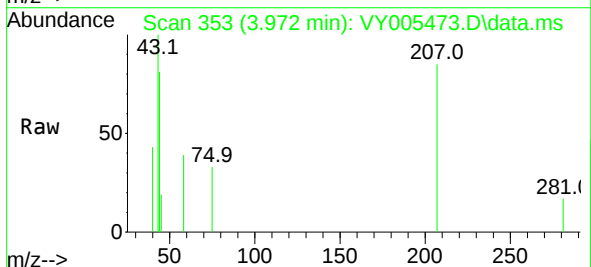
Acq: 27 Jul 2021 18:34

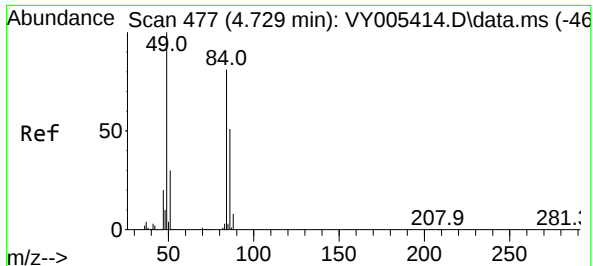
Tgt Ion: 43 Resp: 797

Ion Ratio Lower Upper

43 100

58 38.8 24.5 36.7#





#20

Methylene Chloride

Concen: 9.506 ug/l

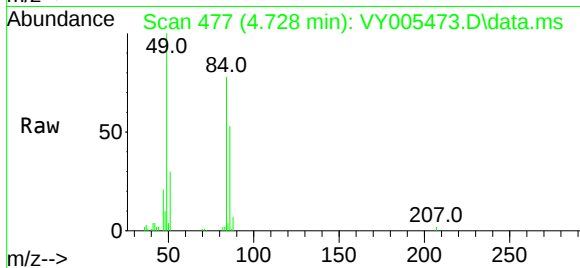
RT: 4.728 min Scan# 477

Delta R.T. -0.001 min

Lab File: VY005473.D

Acq: 27 Jul 2021 18:34

Instrument :
MSVOA_Y
ClientSampled :



Tgt Ion: 84 Resp: 33649

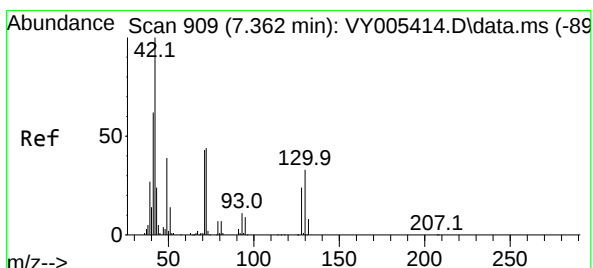
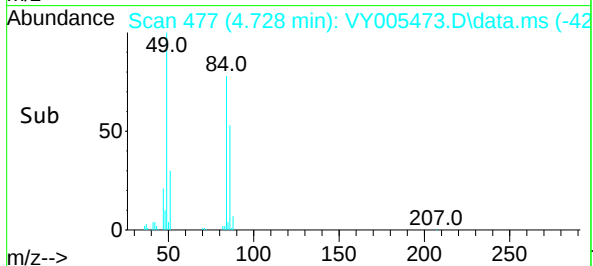
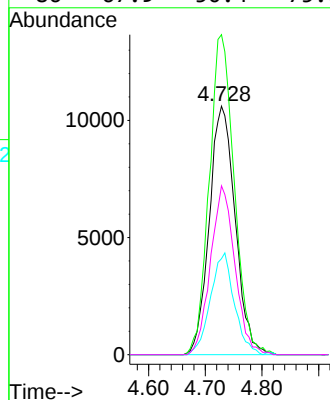
Ion Ratio Lower Upper

84 100

49 128.8 98.9 148.3

51 38.6 30.0 45.0

86 67.9 50.4 75.6



#29

Tetrahydrofuran

Concen: 1.025 ug/l

RT: 7.362 min Scan# 909

Delta R.T. -0.000 min

Lab File: VY005473.D

Acq: 27 Jul 2021 18:34

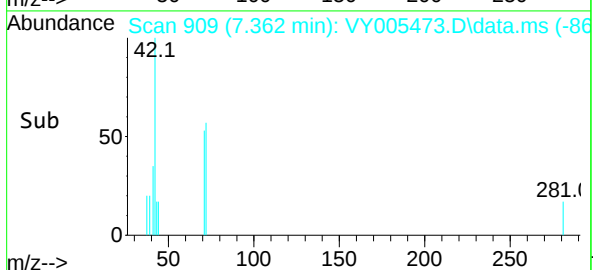
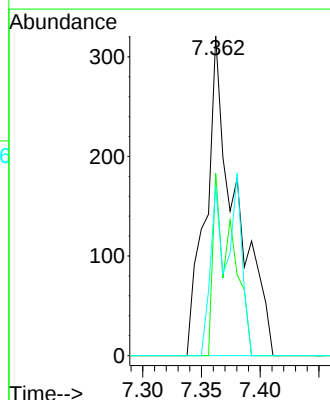
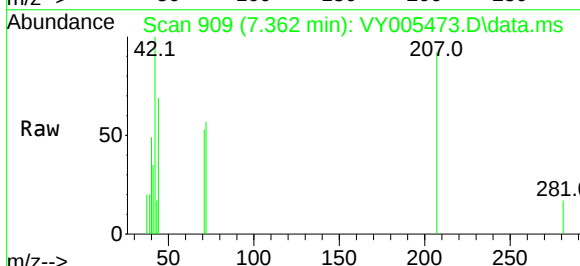
Tgt Ion: 42 Resp: 565

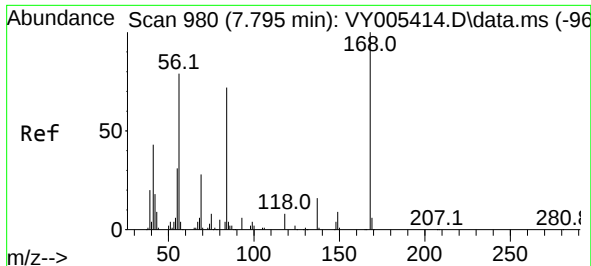
Ion Ratio Lower Upper

42 100

72 35.2 35.3 52.9#

71 20.5 33.4 50.2#

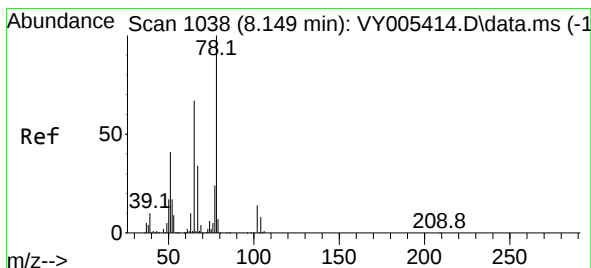
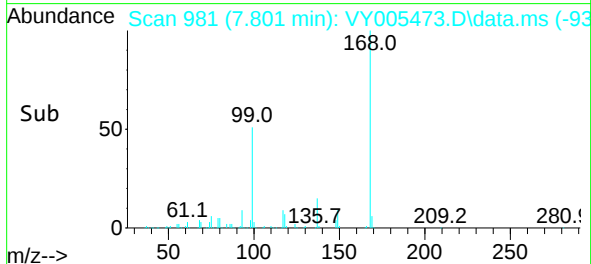
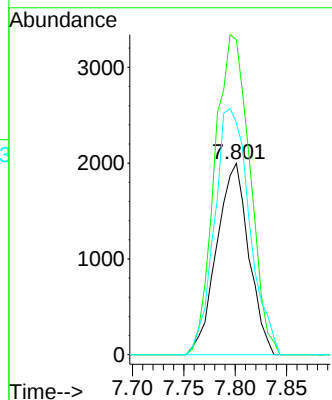
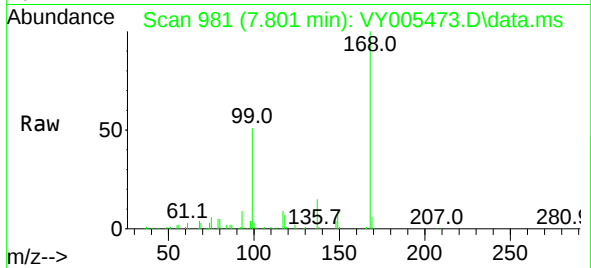




#31
Cyclohexane
Concen: 1.045 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY005473.D
Acq: 27 Jul 2021 18:34

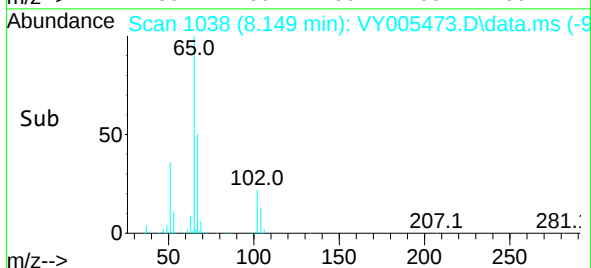
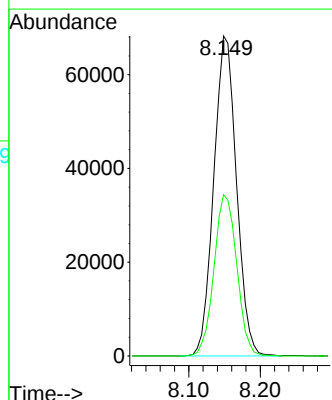
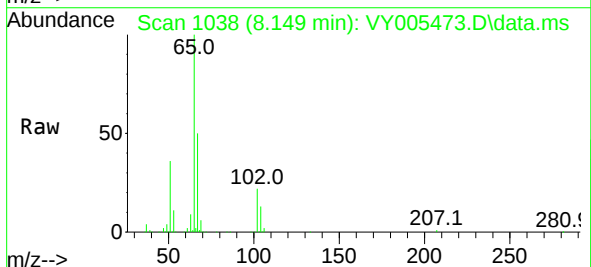
Instrument :
MSVOA_Y
ClientSampleId :

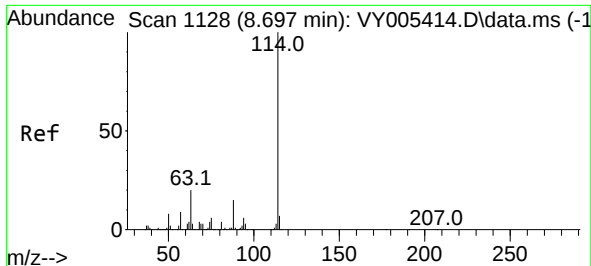
Tgt Ion: 56 Resp: 4343
Ion Ratio Lower Upper
56 100
69 164.6 28.7 43.1#
84 121.2 73.0 109.6#



#33
1,2-Dichloroethane-d4
Concen: 61.833 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY005473.D
Acq: 27 Jul 2021 18:34

Tgt Ion: 65 Resp: 150558
Ion Ratio Lower Upper
65 100
67 50.6 0.0 102.2

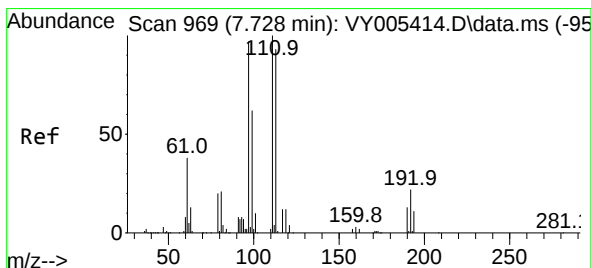
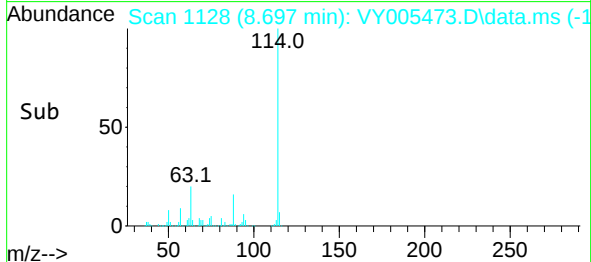
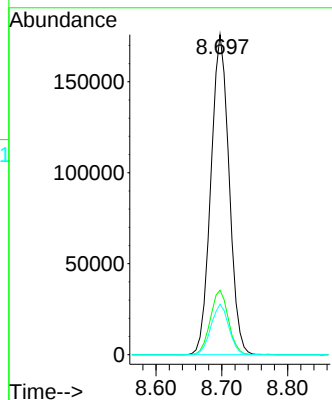
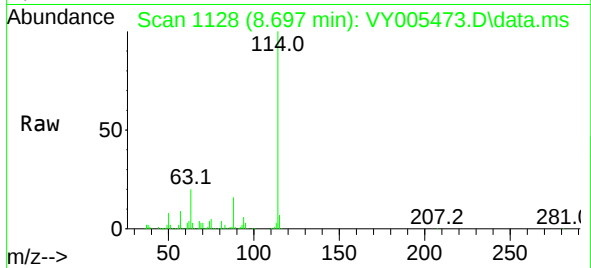




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY005473.D
Acq: 27 Jul 2021 18:34

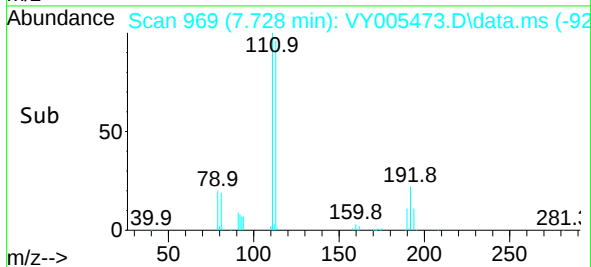
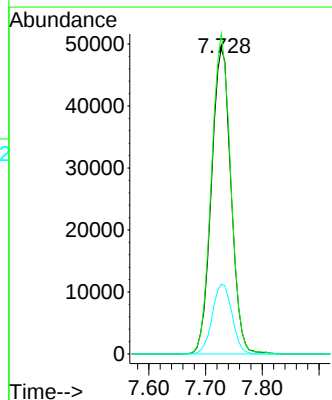
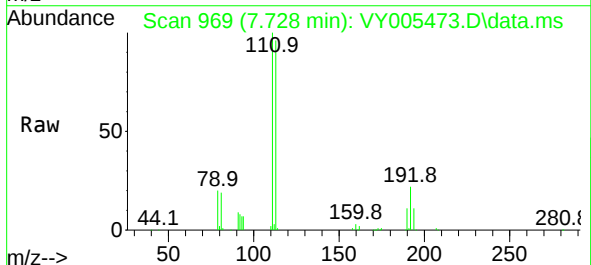
Instrument :
MSVOA_Y
ClientSampleId :

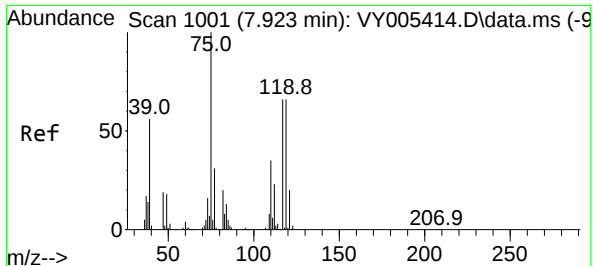
Tgt Ion:114 Resp: 337661
Ion Ratio Lower Upper
114 100
63 20.1 0.0 39.0
88 15.7 0.0 30.8



#35
Dibromofluoromethane
Concen: 60.596 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY005473.D
Acq: 27 Jul 2021 18:34

Tgt Ion:113 Resp: 118143
Ion Ratio Lower Upper
113 100
111 103.3 82.6 124.0
192 23.0 18.9 28.3

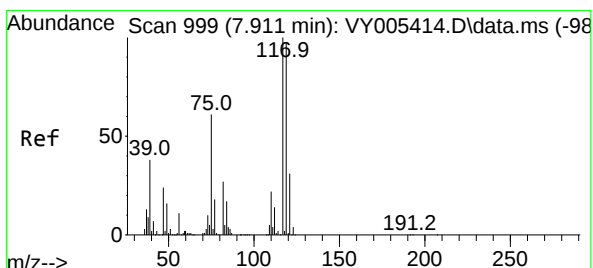
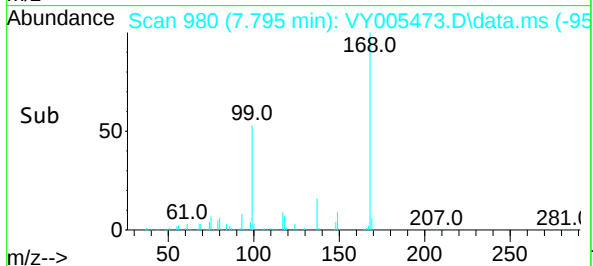
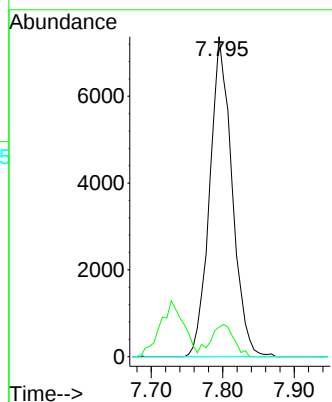
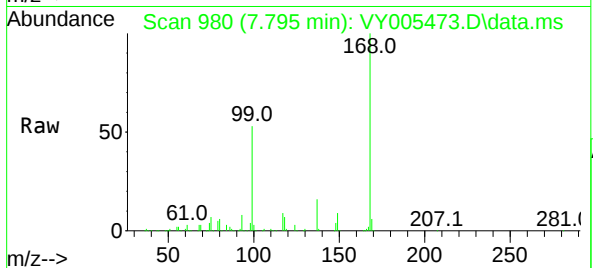




#36
1,1-Dichloropropene
Concen: 4.896 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY005473.D
Acq: 27 Jul 2021 18:34

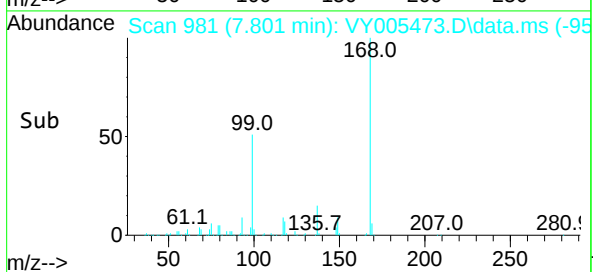
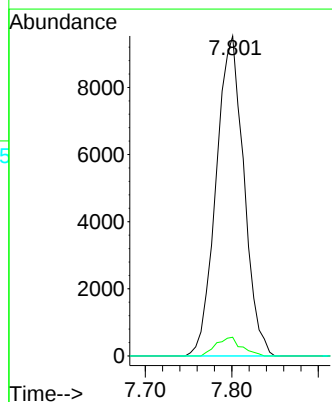
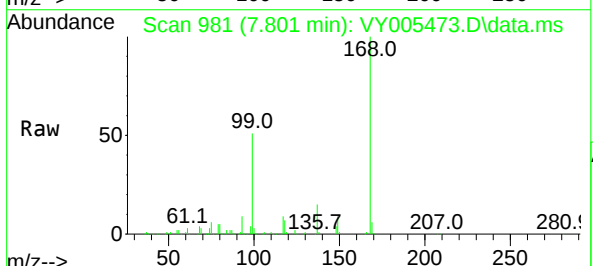
Instrument :
MSVOA_Y
ClientSampleId :

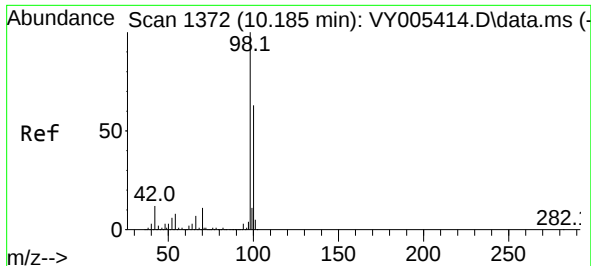
Tgt Ion: 75 Resp: 15984
Ion Ratio Lower Upper
75 100
110 10.4 17.6 52.9#
77 0.0 24.6 37.0#



#38
Carbon Tetrachloride
Concen: 5.942 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.110 min
Lab File: VY005473.D
Acq: 27 Jul 2021 18:34

Tgt Ion: 117 Resp: 21200
Ion Ratio Lower Upper
117 100
119 5.9 77.2 115.8#
121 0.0 25.1 37.7#

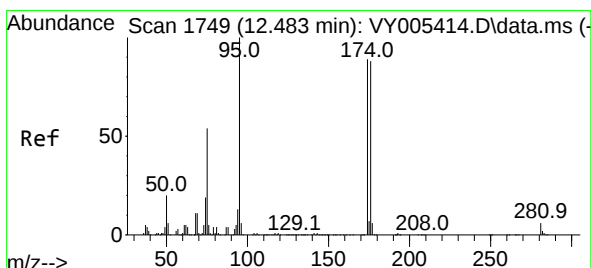
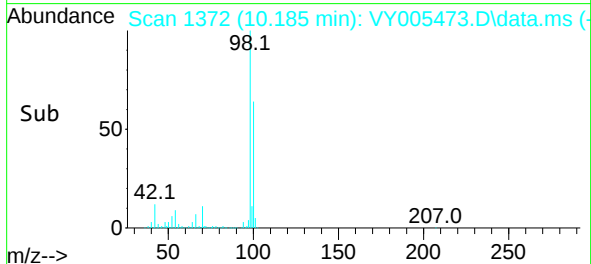
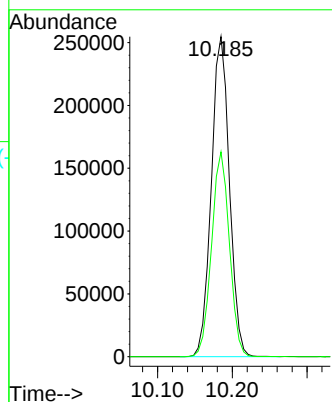
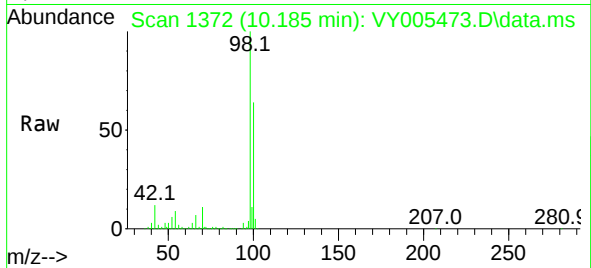




#50
Toluene-d8
Concen: 51.899 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY005473.D
Acq: 27 Jul 2021 18:34

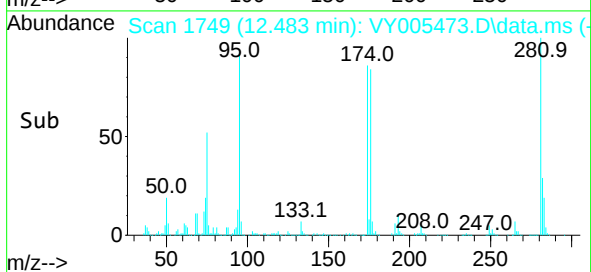
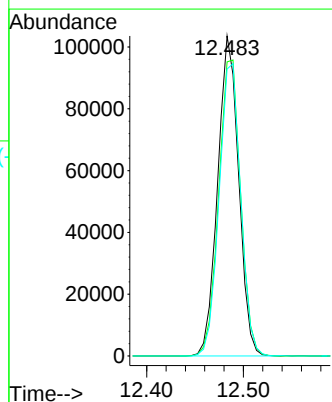
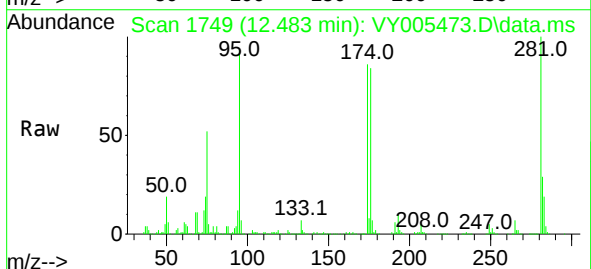
Instrument :
MSVOA_Y
ClientSampled :

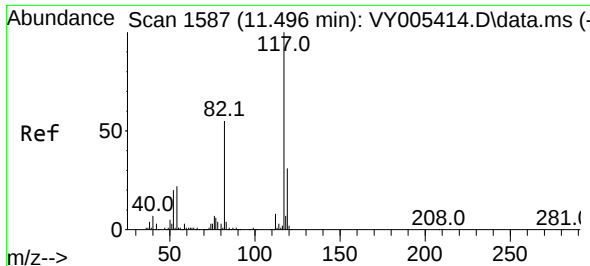
Tgt Ion: 98 Resp: 428869
Ion Ratio Lower Upper
98 100
100 63.2 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 56.971 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY005473.D
Acq: 27 Jul 2021 18:34

Tgt Ion: 95 Resp: 155378
Ion Ratio Lower Upper
95 100
174 96.6 0.0 186.6
176 94.0 0.0 182.4

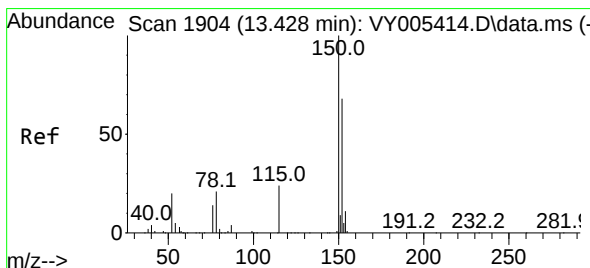
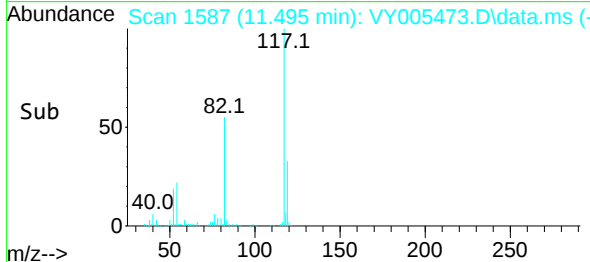
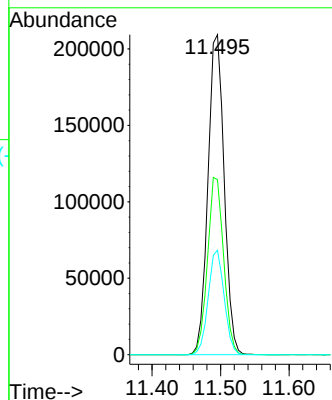
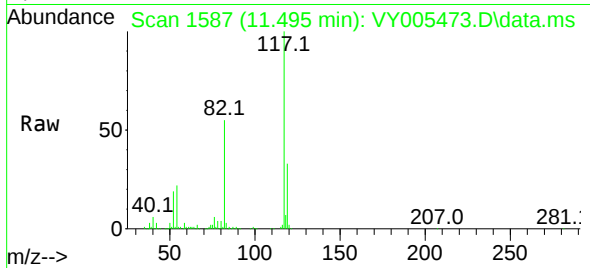




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY005473.D
Acq: 27 Jul 2021 18:34

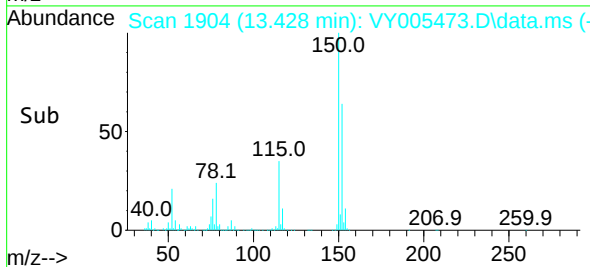
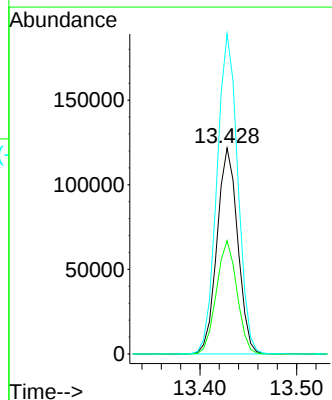
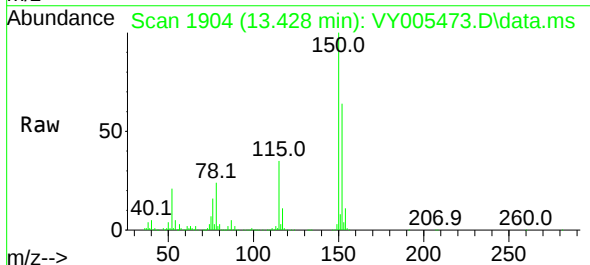
Instrument :
MSVOA_Y
ClientSampleId :

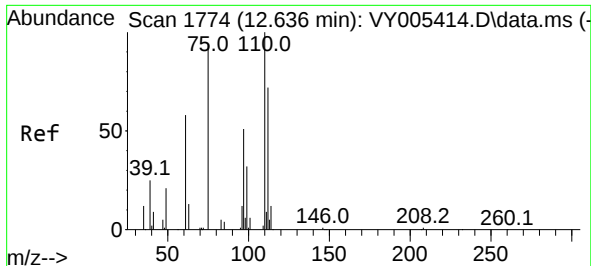
Tgt Ion:117 Resp: 344202
Ion Ratio Lower Upper
117 100
82 54.7 43.8 65.6
119 32.6 24.8 37.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY005473.D
Acq: 27 Jul 2021 18:34

Tgt Ion:152 Resp: 180799
Ion Ratio Lower Upper
152 100
115 54.6 27.7 83.1
150 156.6 0.0 349.6

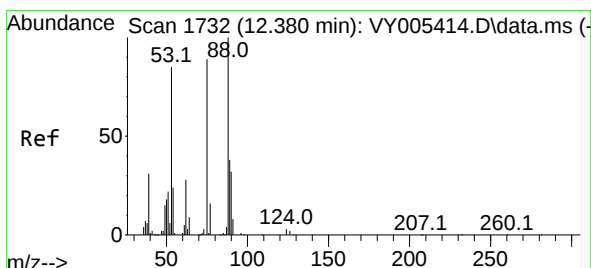
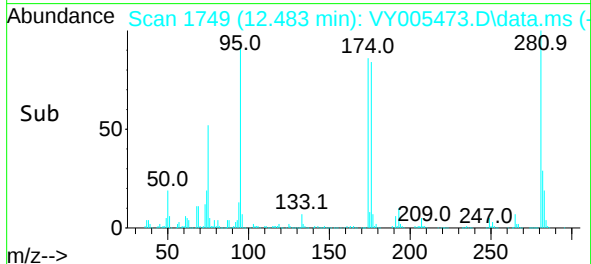
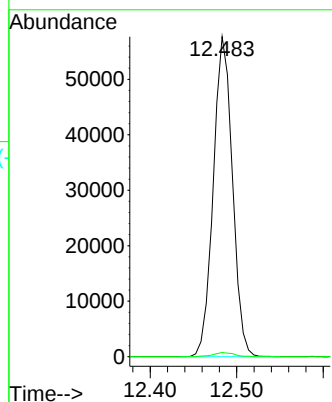
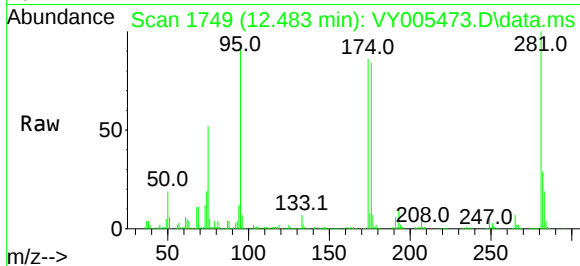




#76
1,2,3-Trichloropropane
Concen: 49.817 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY005473.D
Acq: 27 Jul 2021 18:34

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 88625
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 96.730 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY005473.D
Acq: 27 Jul 2021 18:34

Tgt Ion: 75 Resp: 88625
Ion Ratio Lower Upper
75 100
53 0.0 76.1 114.1#
89 1.3 36.9 55.3#

