

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072721\
 Data File : VY005471.D
 Acq On : 27 Jul 2021 17:47
 Operator : SY/MD
 Sample : M3171-02
 Misc : 4.67G/5ML/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jul 28 02:35:37 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)

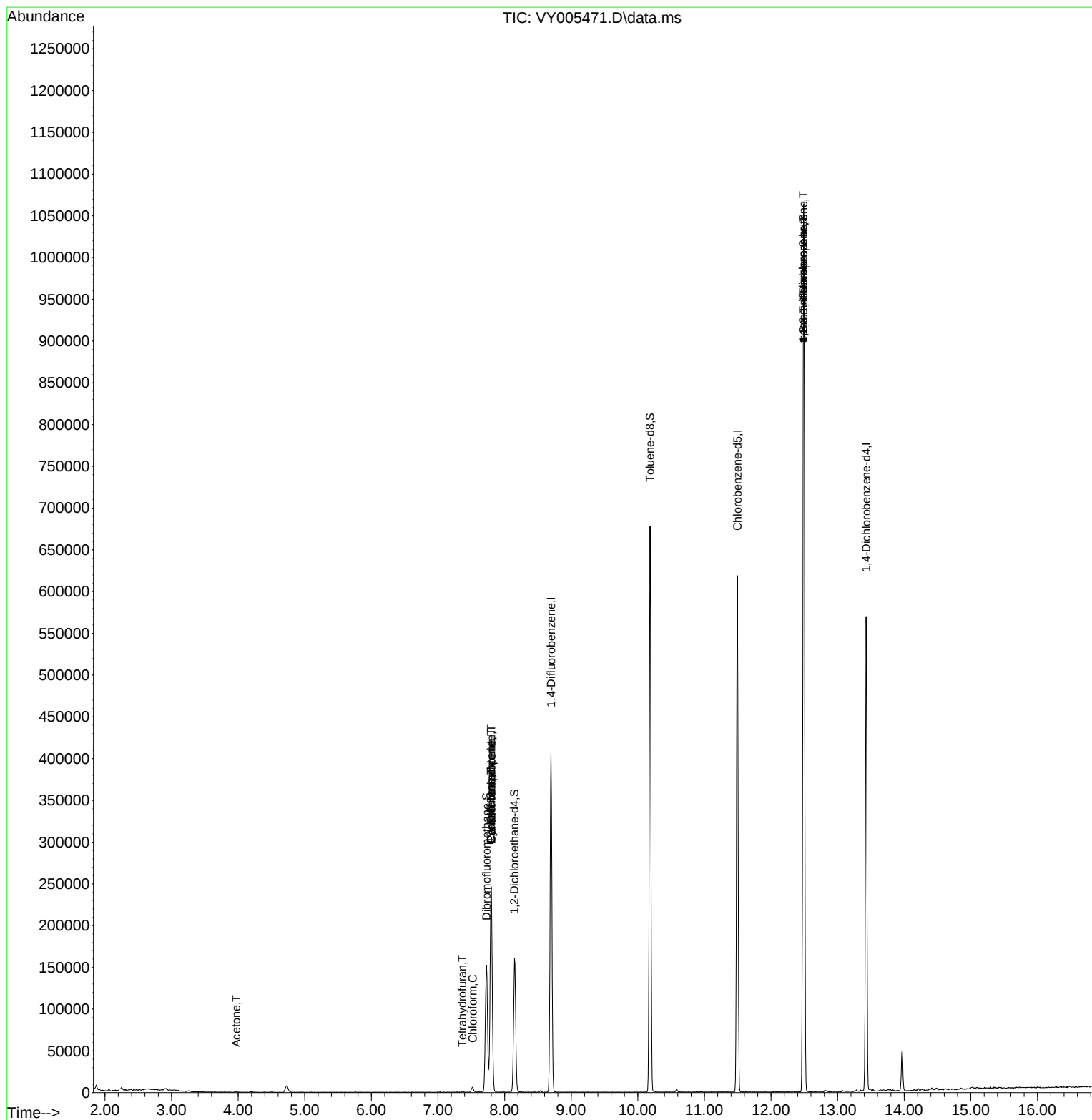
Internal Standards						
1) Pentafluorobenzene	7.801	168	201547	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	336321	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	326237	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	144373	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	128782	59.810	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 119.620%	
35) Dibromofluoromethane	7.728	113	102436	52.749	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 105.500%	
50) Toluene-d8	10.185	98	427163	51.899	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 103.800%	
62) 4-Bromofluorobenzene	12.483	95	138570	51.010	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 102.020%	
Target Compounds						Qvalue
16) Acetone	3.972	43	1050	2.135	ug/l #	86
29) Tetrahydrofuran	7.362	42	547	1.122	ug/l #	73
30) Chloroform	7.520	83	5566	1.525	ug/l	90
31) Cyclohexane	7.795	56	4007	1.090	ug/l #	13
36) 1,1-Dichloropropene	7.801	75	14184	4.362	ug/l #	50
38) Carbon Tetrachloride	7.801	117	18398	5.177	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	80980	57.004	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	80980	110.686	ug/l #	12

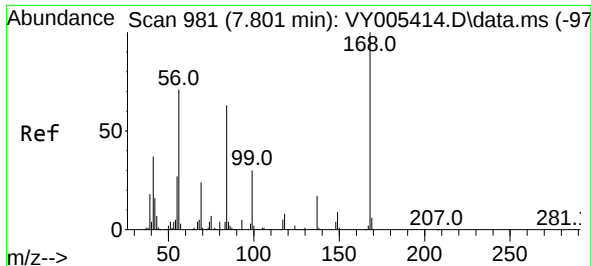
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072721\
Data File : VY005471.D
Acq On : 27 Jul 2021 17:47
Operator : SY/MD
Sample : M3171-02
Misc : 4.67G/5ML/MSVOA_Y/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Jul 28 02:35:37 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

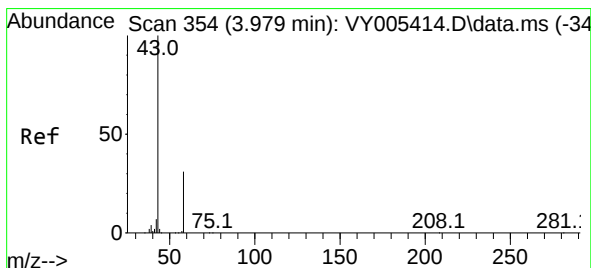
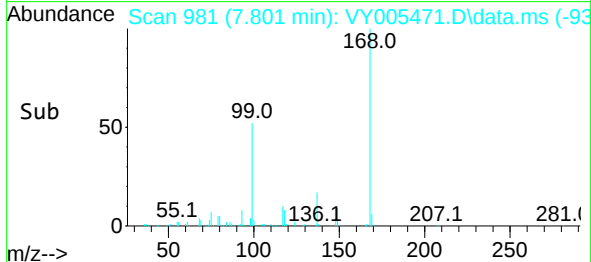
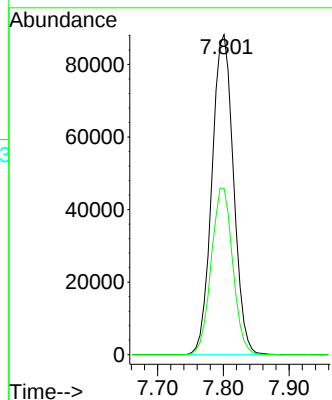
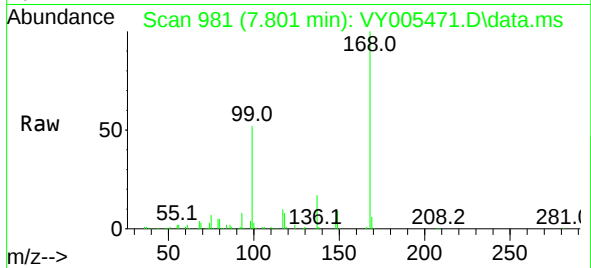




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.000 min
Lab File: VY005471.D
Acq: 27 Jul 2021 17:47

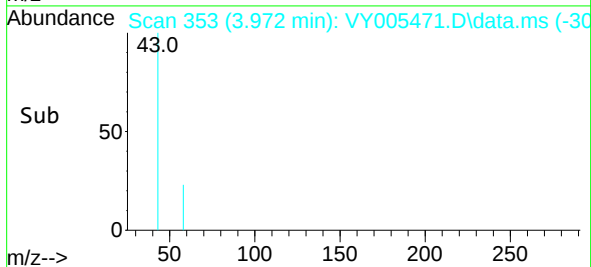
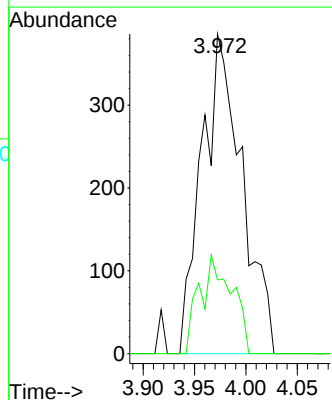
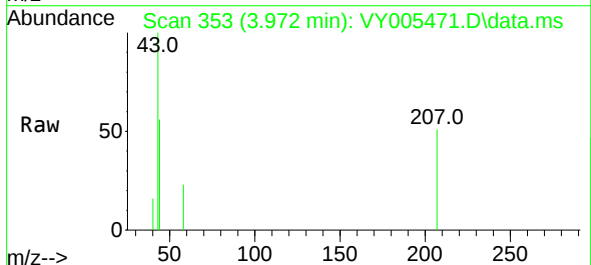
Instrument :
MSVOA_Y
ClientSampleId :

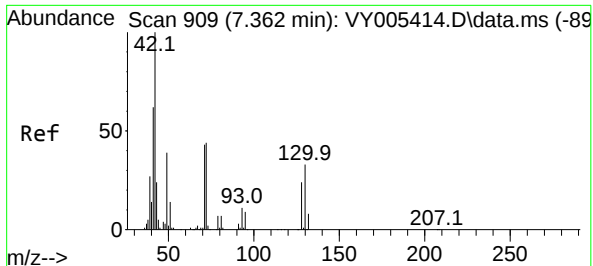
Tgt Ion:168 Resp: 201547
Ion Ratio Lower Upper
168 100
99 52.1 39.8 59.6



#16
Acetone
Concen: 2.135 ug/l
RT: 3.972 min Scan# 353
Delta R.T. -0.006 min
Lab File: VY005471.D
Acq: 27 Jul 2021 17:47

Tgt Ion: 43 Resp: 1050
Ion Ratio Lower Upper
43 100
58 23.1 24.5 36.7#





#29

Tetrahydrofuran

Concen: 1.122 ug/l

RT: 7.362 min Scan# 909

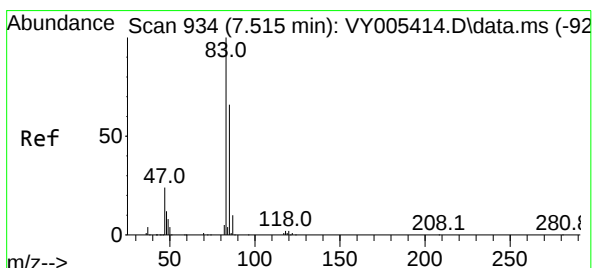
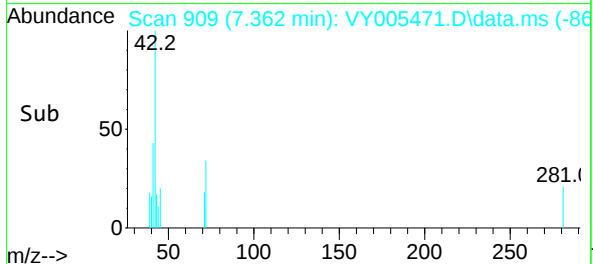
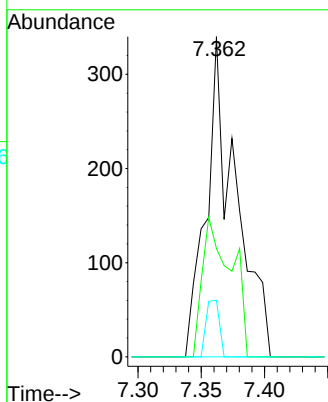
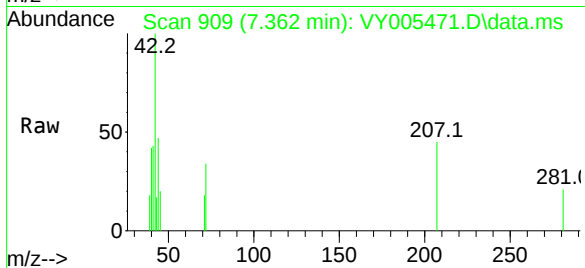
Delta R.T. -0.000 min

Lab File: VY005471.D

Acq: 27 Jul 2021 17:47

Tgt Ion: 42 Resp: 547

Ion	Ratio	Lower	Upper
42	100		
72	43.1	35.3	52.9
71	8.0	33.4	50.2#



#30

Chloroform

Concen: 1.525 ug/l

RT: 7.520 min Scan# 935

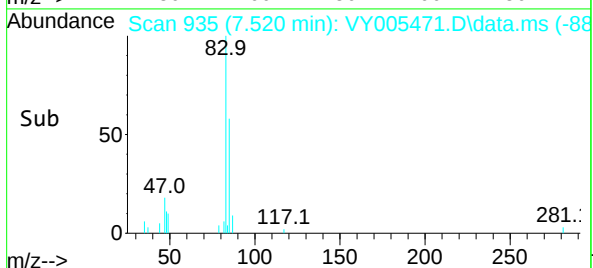
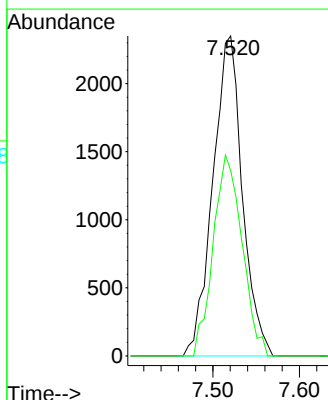
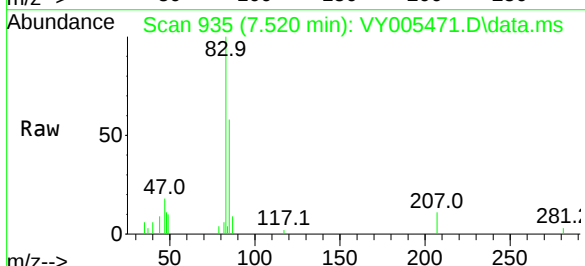
Delta R.T. 0.006 min

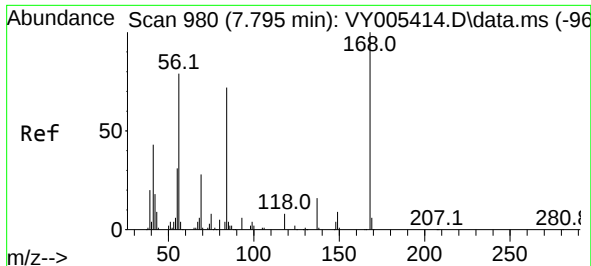
Lab File: VY005471.D

Acq: 27 Jul 2021 17:47

Tgt Ion: 83 Resp: 5566

Ion	Ratio	Lower	Upper
83	100		
85	58.0	52.8	79.2

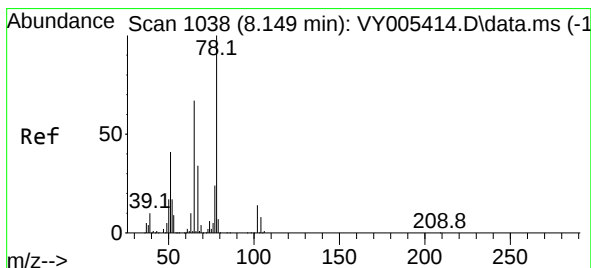
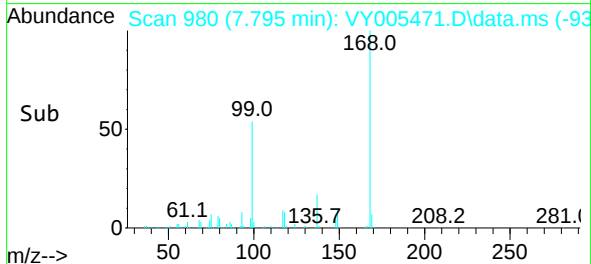
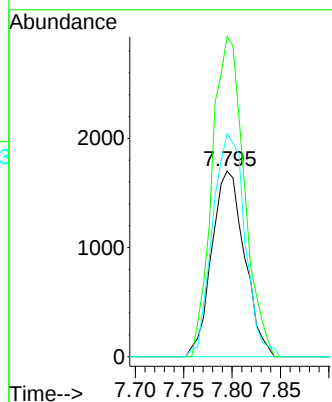
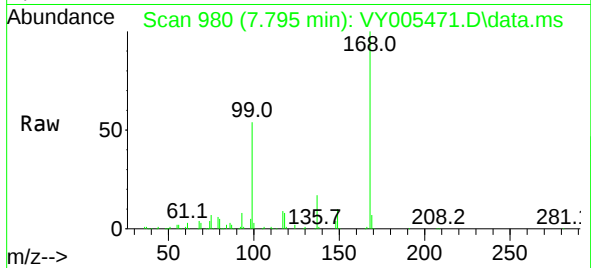




#31
Cyclohexane
Concen: 1.090 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.000 min
Lab File: VY005471.D
Acq: 27 Jul 2021 17:47

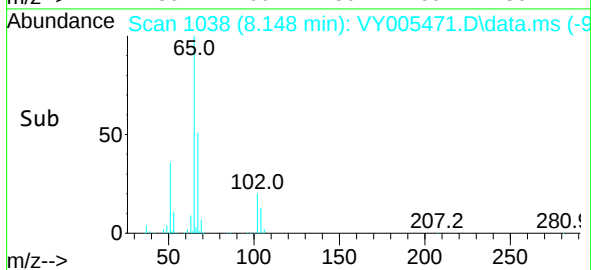
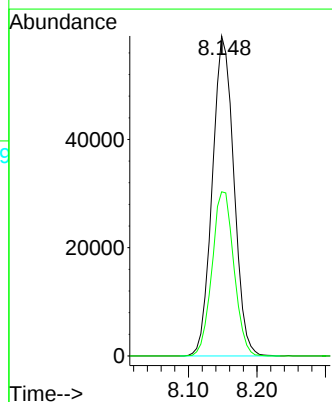
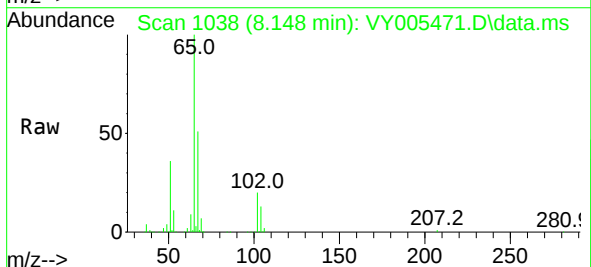
Instrument :
MSVOA_Y
ClientSampled :

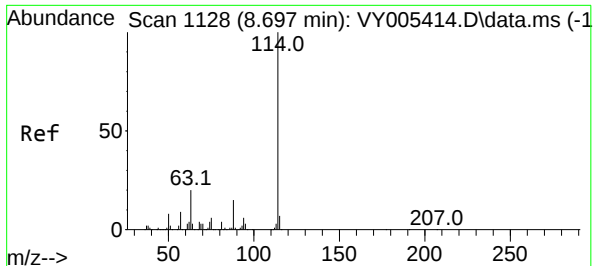
Tgt Ion: 56 Resp: 4007
Ion Ratio Lower Upper
56 100
69 172.4 28.7 43.1#
84 120.0 73.0 109.6#



#33
1,2-Dichloroethane-d4
Concen: 59.810 ug/l
RT: 8.148 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY005471.D
Acq: 27 Jul 2021 17:47

Tgt Ion: 65 Resp: 128782
Ion Ratio Lower Upper
65 100
67 52.1 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: VY005471.D

Acq: 27 Jul 2021 17:47

Tgt Ion:114 Resp: 336321

Ion Ratio Lower Upper

114 100

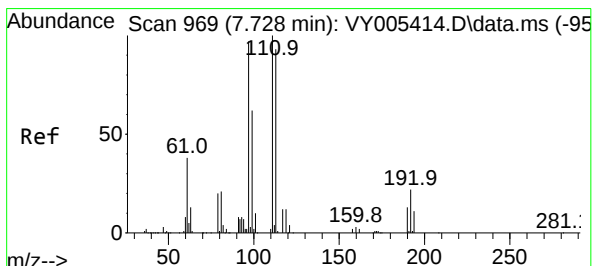
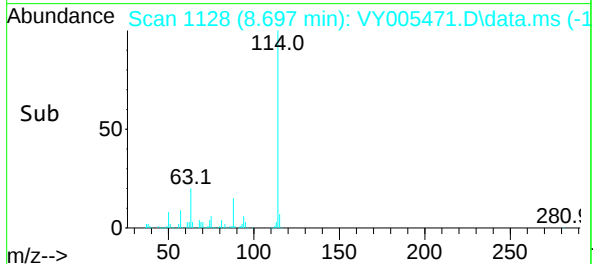
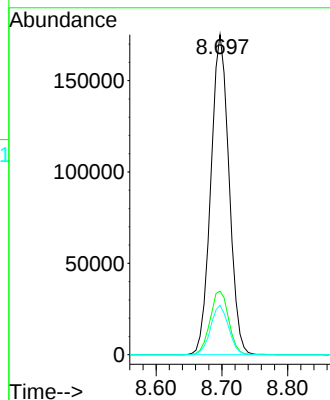
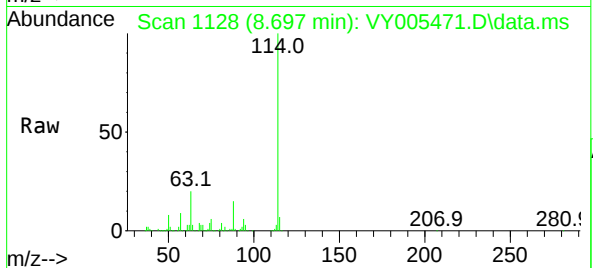
63 19.8 0.0 39.0

88 15.5 0.0 30.8

Instrument :

MSVOA_Y

ClientSampleId :



#35

Dibromofluoromethane

Concen: 52.749 ug/l

RT: 7.728 min Scan# 969

Delta R.T. -0.000 min

Lab File: VY005471.D

Acq: 27 Jul 2021 17:47

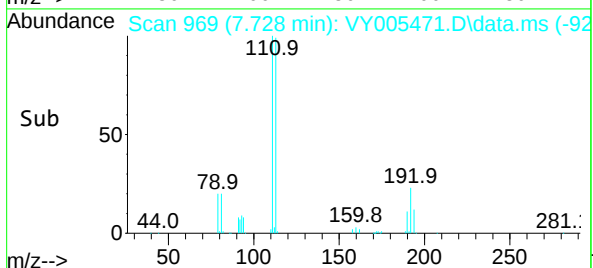
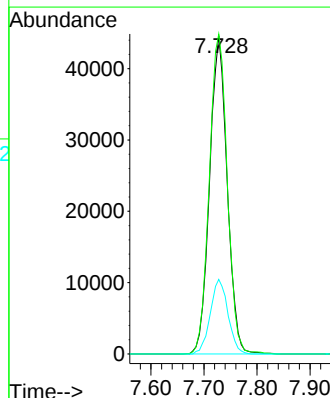
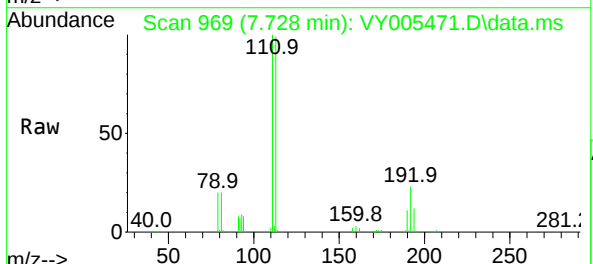
Tgt Ion:113 Resp: 102436

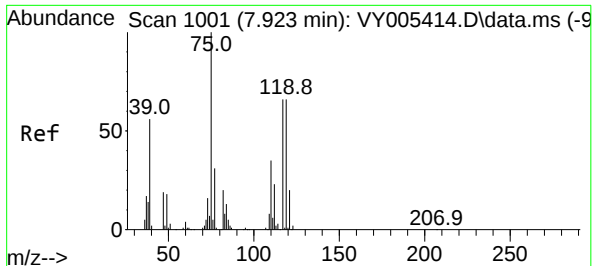
Ion Ratio Lower Upper

113 100

111 103.2 82.6 124.0

192 23.6 18.9 28.3

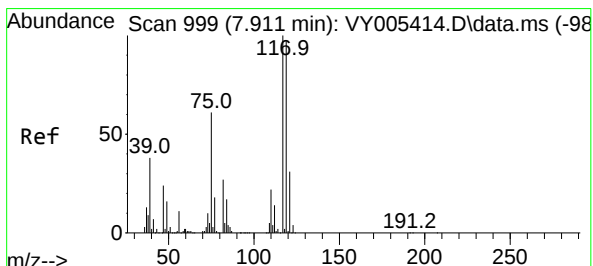
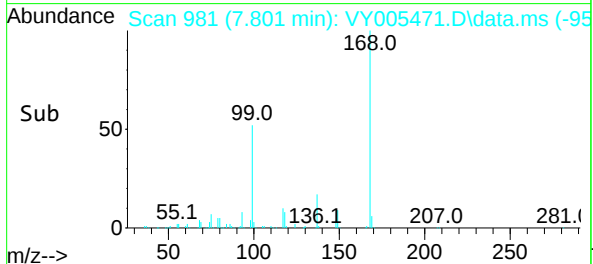
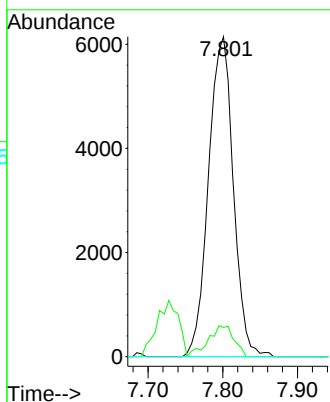
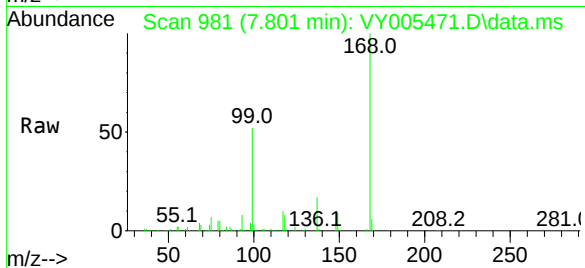




#36
1,1-Dichloropropene
Concen: 4.362 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.122 min
Lab File: VY005471.D
Acq: 27 Jul 2021 17:47

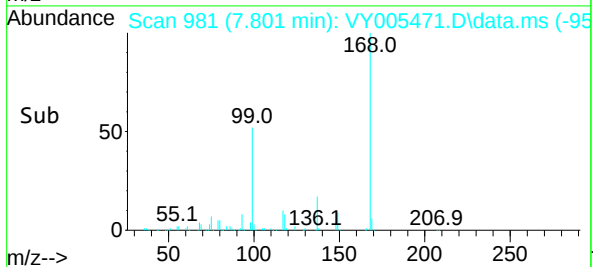
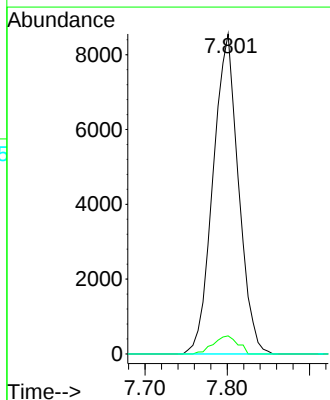
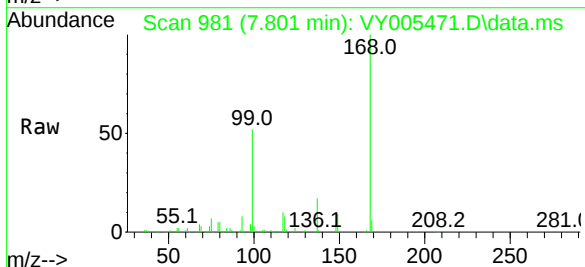
Instrument :
MSVOA_Y
ClientSampleId :

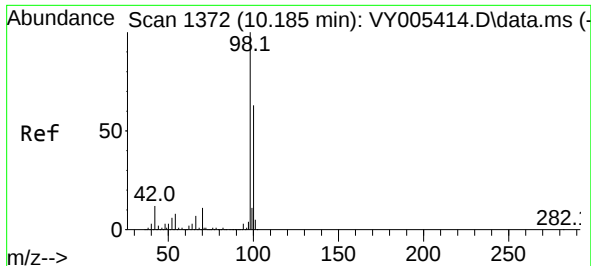
Tgt Ion: 75 Resp: 14184
Ion Ratio Lower Upper
75 100
110 9.8 17.6 52.9#
77 0.0 24.6 37.0#



#38
Carbon Tetrachloride
Concen: 5.177 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.110 min
Lab File: VY005471.D
Acq: 27 Jul 2021 17:47

Tgt Ion: 117 Resp: 18398
Ion Ratio Lower Upper
117 100
119 5.6 77.2 115.8#
121 0.0 25.1 37.7#

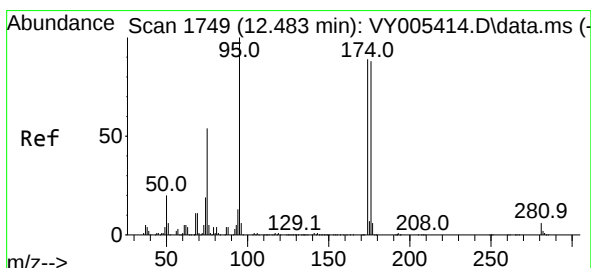
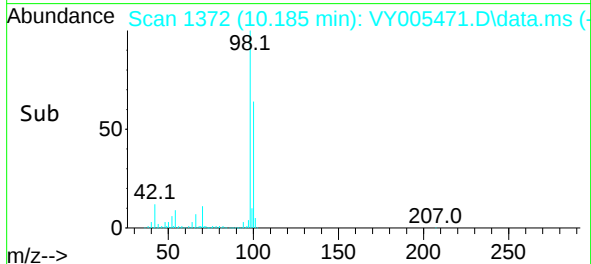
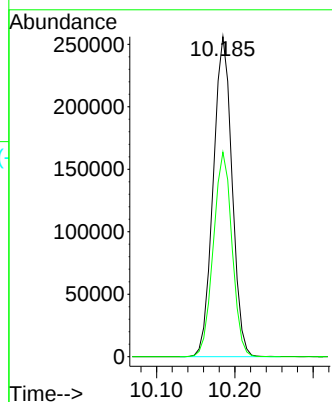
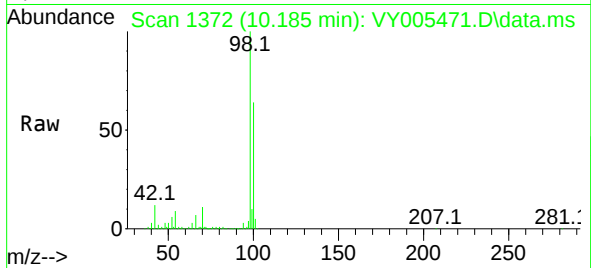




#50
Toluene-d8
Concen: 51.899 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY005471.D
Acq: 27 Jul 2021 17:47

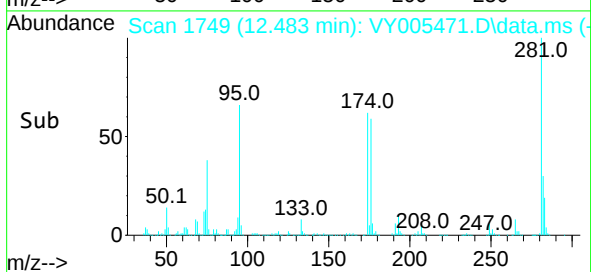
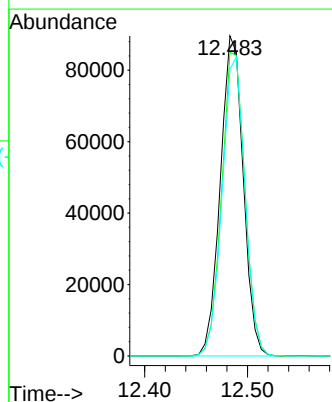
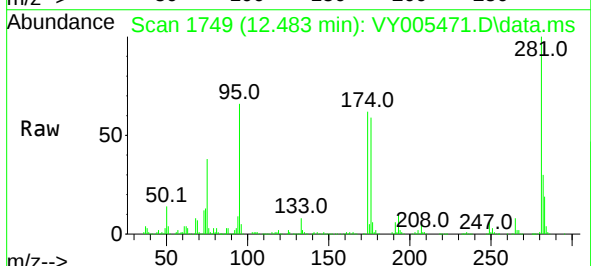
Instrument :
MSVOA_Y
ClientSampled :

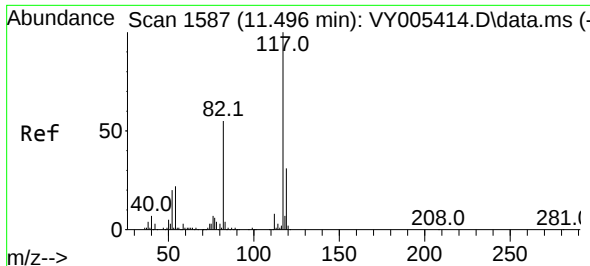
Tgt Ion: 98 Resp: 427163
Ion Ratio Lower Upper
98 100
100 63.4 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 51.010 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY005471.D
Acq: 27 Jul 2021 17:47

Tgt Ion: 95 Resp: 138570
Ion Ratio Lower Upper
95 100
174 96.2 0.0 186.6
176 93.3 0.0 182.4

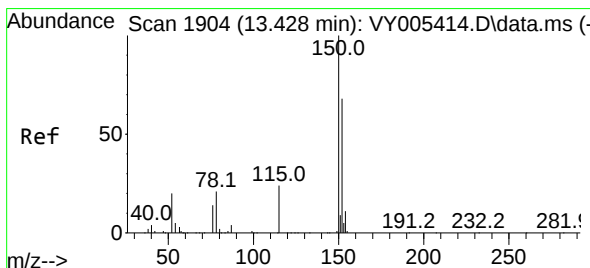
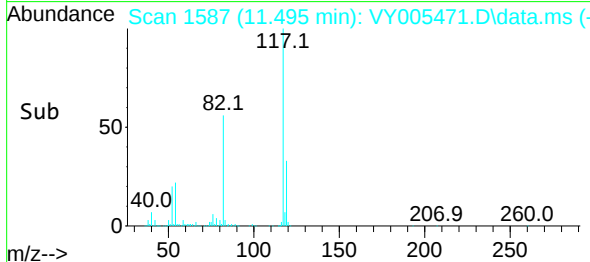
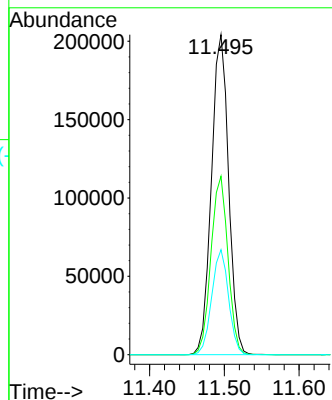
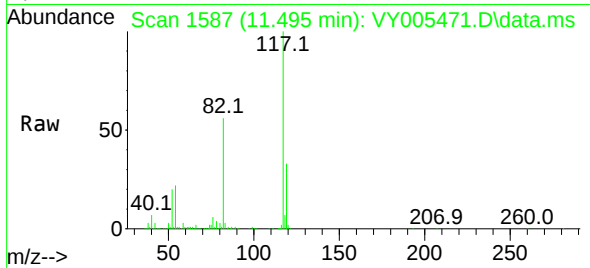




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY005471.D
Acq: 27 Jul 2021 17:47

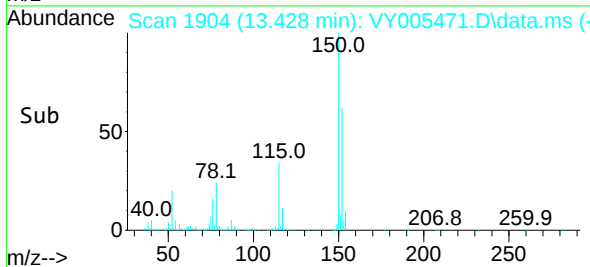
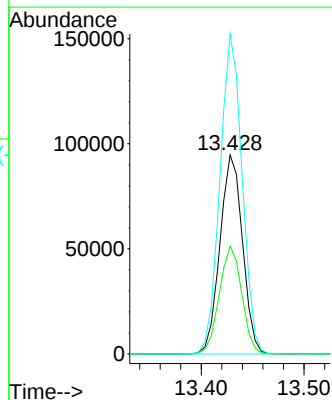
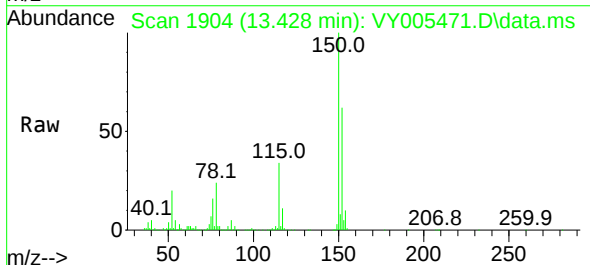
Instrument :
MSVOA_Y
ClientSampleId :

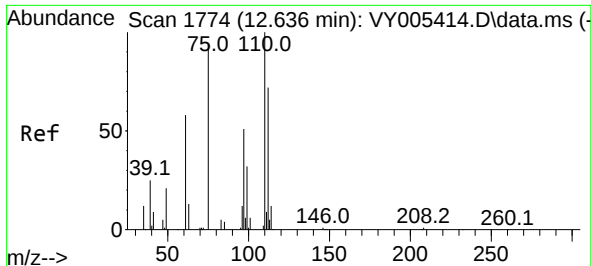
Tgt Ion:117 Resp: 326237
Ion Ratio Lower Upper
117 100
82 55.8 43.8 65.6
119 32.8 24.8 37.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY005471.D
Acq: 27 Jul 2021 17:47

Tgt Ion:152 Resp: 144373
Ion Ratio Lower Upper
152 100
115 53.6 27.7 83.1
150 157.7 0.0 349.6

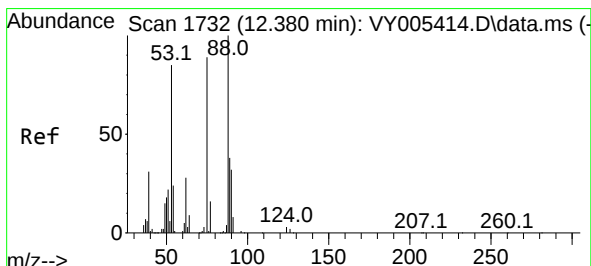
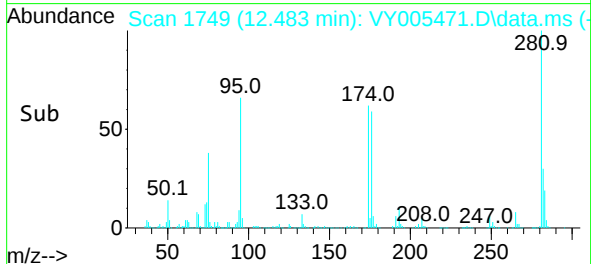
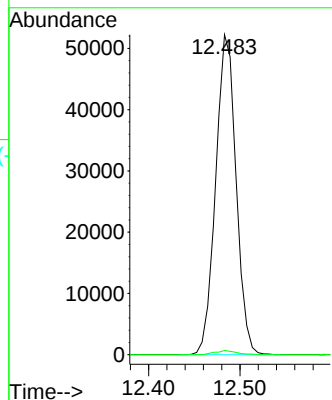
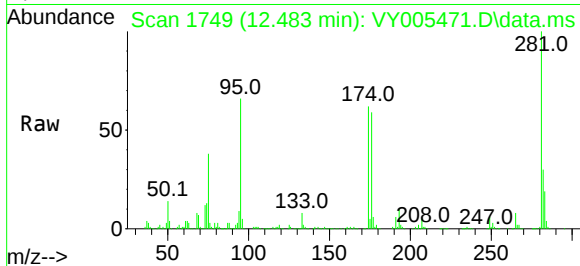




#76
1,2,3-Trichloropropane
Concen: 57.004 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY005471.D
Acq: 27 Jul 2021 17:47

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 80980
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 110.686 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.103 min
Lab File: VY005471.D
Acq: 27 Jul 2021 17:47

Tgt Ion: 75 Resp: 80980
Ion Ratio Lower Upper
75 100
53 0.0 76.1 114.1#
89 1.9 36.9 55.3#

