

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072721\
 Data File : VY005475.D
 Acq On : 27 Jul 2021 19:20
 Operator : SY/MD
 Sample : M3165-02
 Misc : 5.70G/5ML/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jul 28 02:36:38 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)

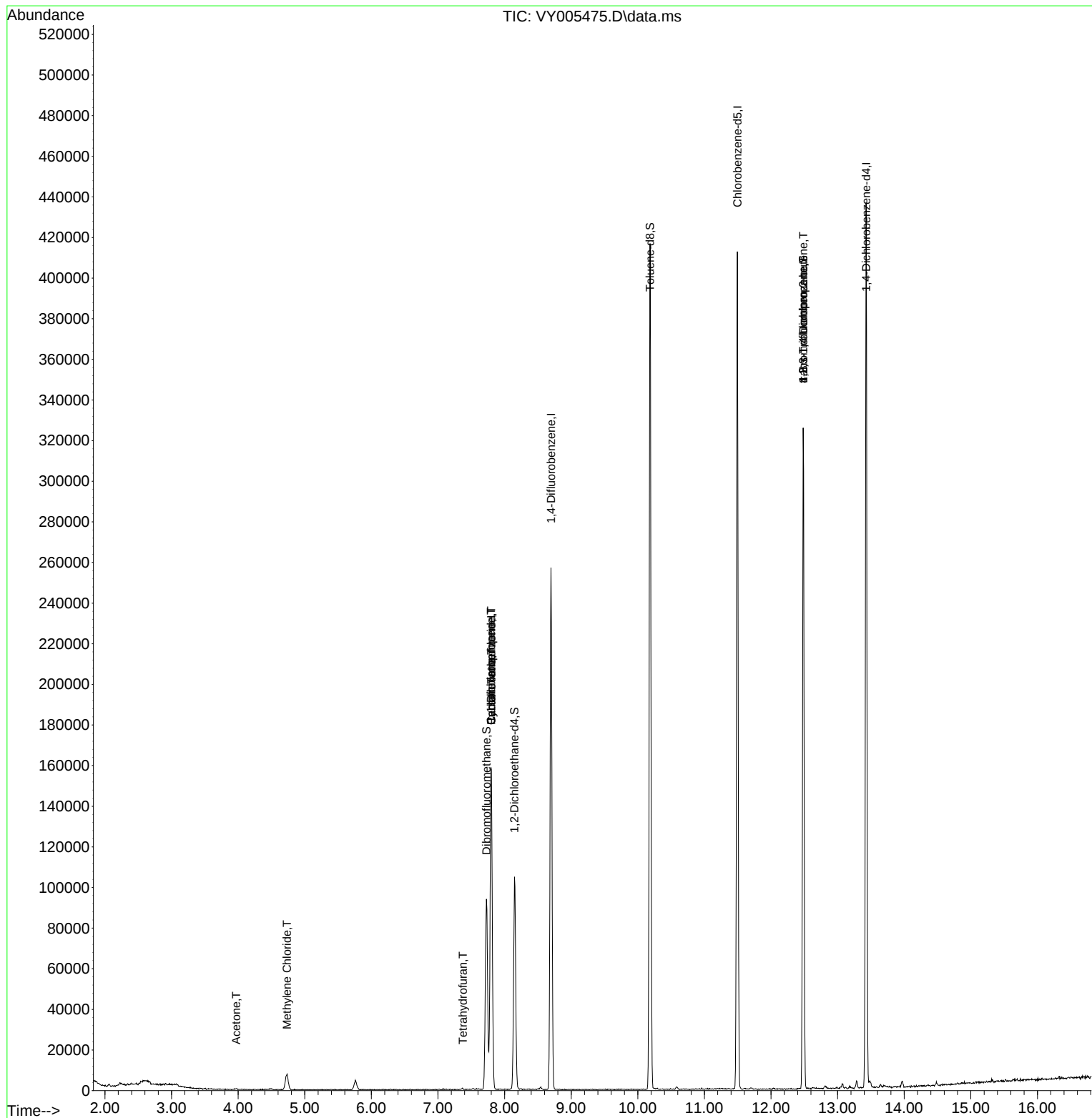
Internal Standards						
1) Pentafluorobenzene	7.801	168	131544	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	212153	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	216252	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	111104	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	83803	59.632	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 119.260%	
35) Dibromofluoromethane	7.728	113	64065	52.298	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 104.600%	
50) Toluene-d8	10.185	98	271206	52.236	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 104.480%	
62) 4-Bromofluorobenzene	12.483	95	93409	54.511	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 109.020%	
Target Compounds						
					Qvalue	
16) Acetone	3.973	43	798	2.486	ug/l #	84
20) Methylene Chloride	4.735	84	5982	2.165	ug/l	95
29) Tetrahydrofuran	7.374	42	479	1.505	ug/l #	56
31) Cyclohexane	7.801	56	2757	1.149	ug/l #	14
36) 1,1-Dichloropropene	7.795	75	9223	4.496	ug/l #	51
38) Carbon Tetrachloride	7.801	117	12088	5.393	ug/l #	15
76) 1,2,3-Trichloropropane	12.483	75	51178	46.813	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	51178	90.898	ug/l #	11

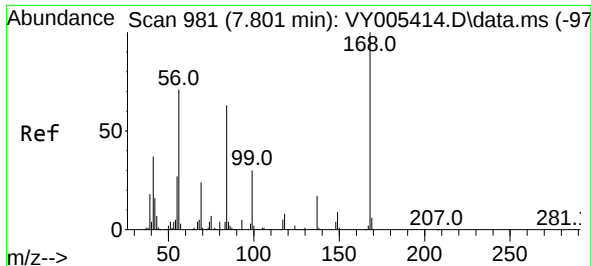
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri Jul 23 06:20:14 2021
Response via : Initial Calibration

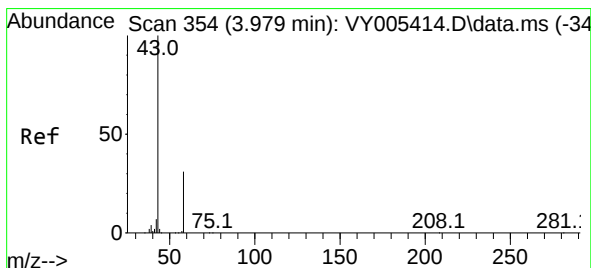
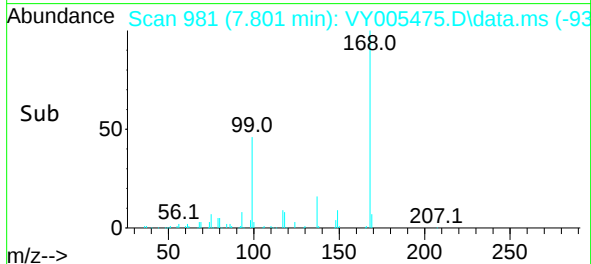
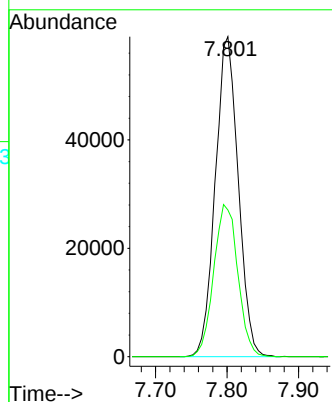
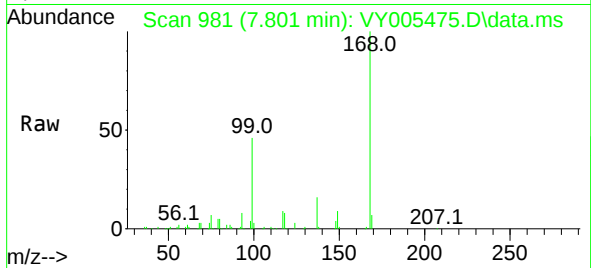




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY005475.D
Acq: 27 Jul 2021 19:20

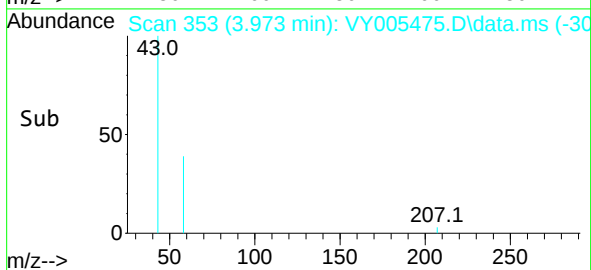
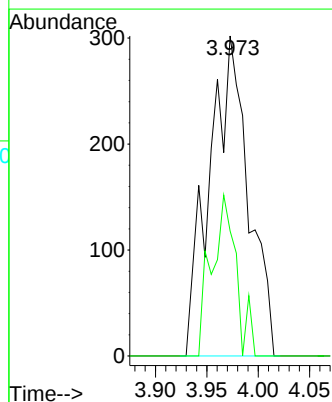
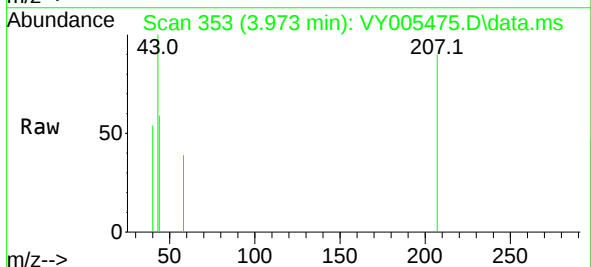
Instrument :
MSVOA_Y
ClientSampleId :

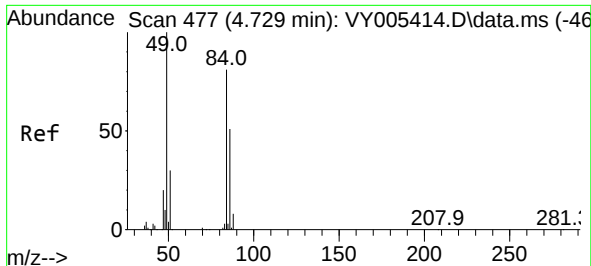
Tgt Ion:168 Resp: 131544
Ion Ratio Lower Upper
168 100
99 45.9 39.8 59.6



#16
Acetone
Concen: 2.486 ug/l
RT: 3.973 min Scan# 353
Delta R.T. -0.006 min
Lab File: VY005475.D
Acq: 27 Jul 2021 19:20

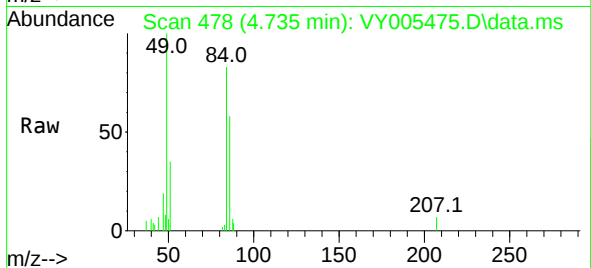
Tgt Ion: 43 Resp: 798
Ion Ratio Lower Upper
43 100
58 39.1 24.5 36.7#



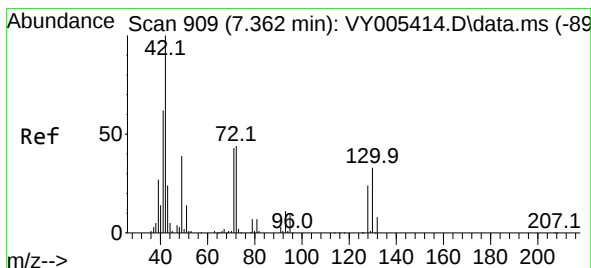
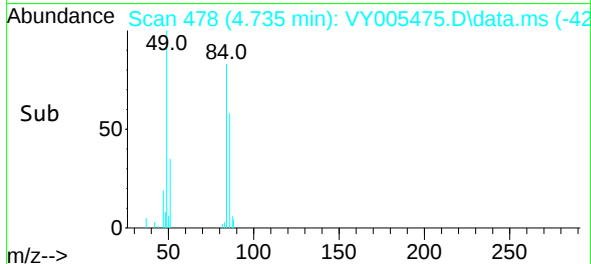
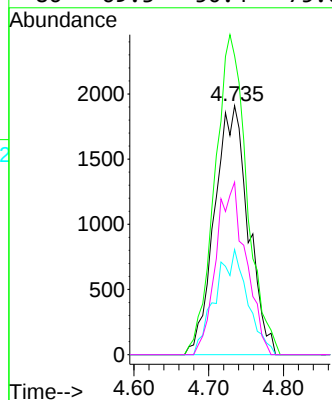


#20
Methylene Chloride
Concen: 2.165 ug/l
RT: 4.735 min Scan# 478
Delta R.T. 0.006 min
Lab File: VY005475.D
Acq: 27 Jul 2021 19:20

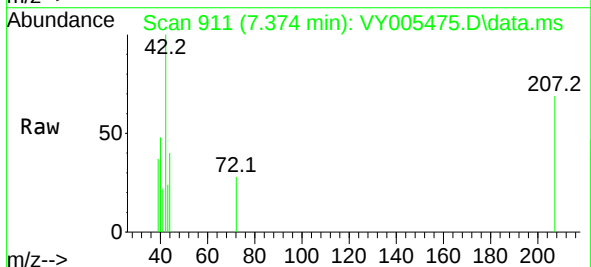
Instrument :
MSVOA_Y
ClientSampleId :



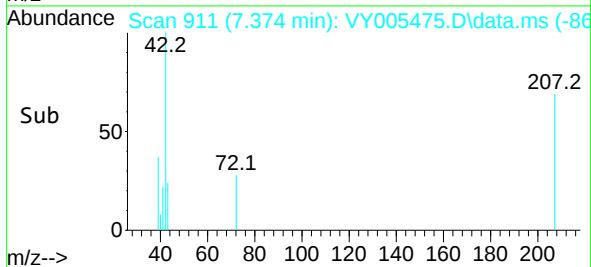
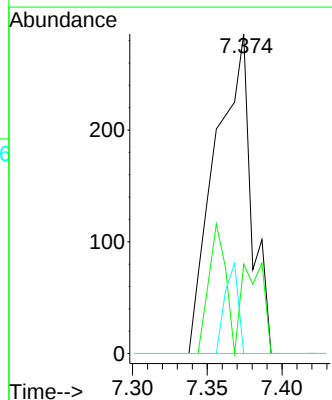
Tgt Ion:	84	Resp:	5982
Ion	Ratio	Lower	Upper
84	100		
49	120.1	98.9	148.3
51	42.2	30.0	45.0
86	69.3	50.4	75.6

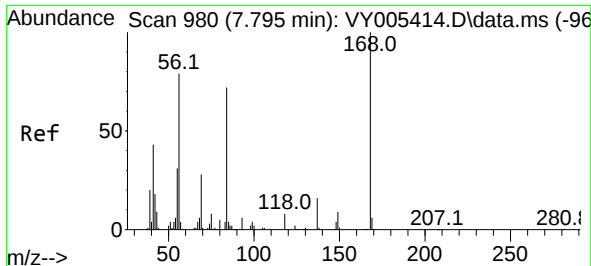


#29
Tetrahydrofuran
Concen: 1.505 ug/l
RT: 7.374 min Scan# 911
Delta R.T. 0.012 min
Lab File: VY005475.D
Acq: 27 Jul 2021 19:20



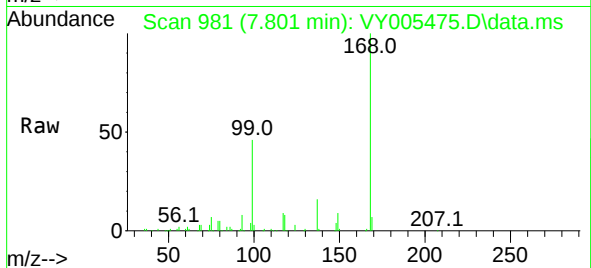
Tgt Ion:	42	Resp:	479
Ion	Ratio	Lower	Upper
42	100		
72	19.0	35.3	52.9#
71	10.4	33.4	50.2#



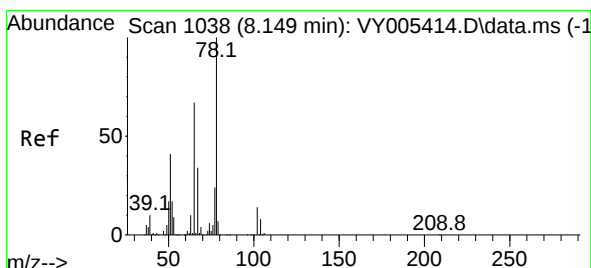
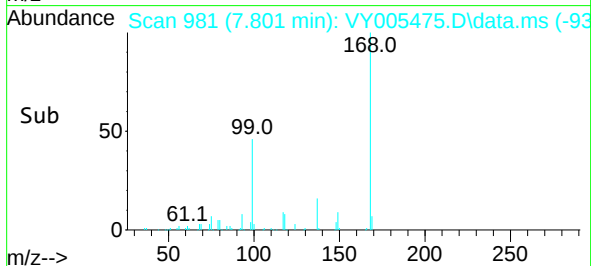
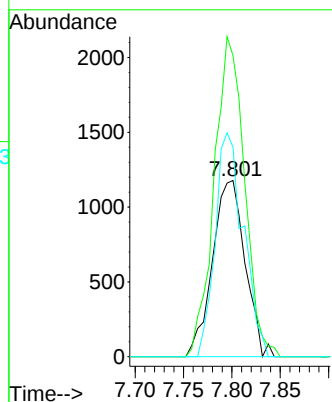


#31
Cyclohexane
Concen: 1.149 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY005475.D
Acq: 27 Jul 2021 19:20

Instrument :
MSVOA_Y
ClientSampleId :

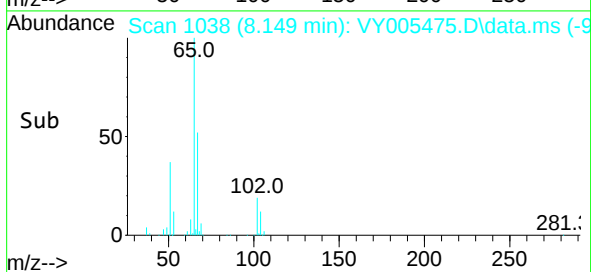
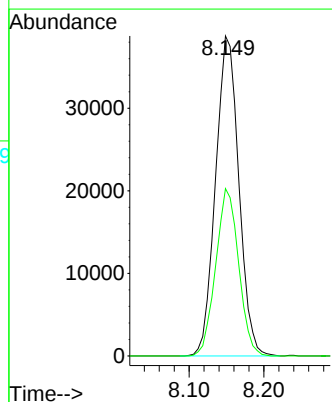
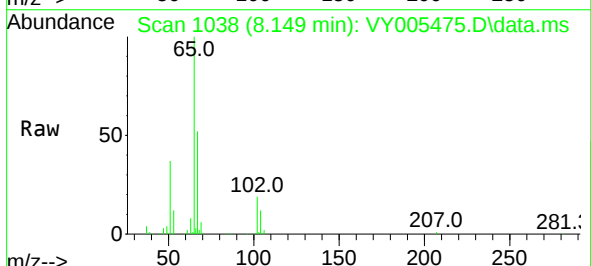


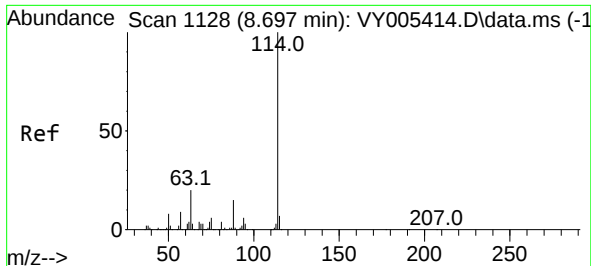
Tgt Ion: 56 Resp: 2757
Ion Ratio Lower Upper
56 100
69 170.8 28.7 43.1#
84 118.8 73.0 109.6#



#33
1,2-Dichloroethane-d4
Concen: 59.632 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY005475.D
Acq: 27 Jul 2021 19:20

Tgt Ion: 65 Resp: 83803
Ion Ratio Lower Upper
65 100
67 51.5 0.0 102.2

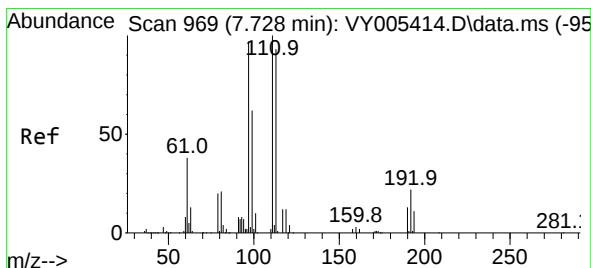
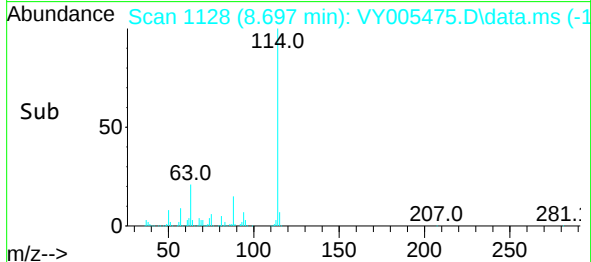
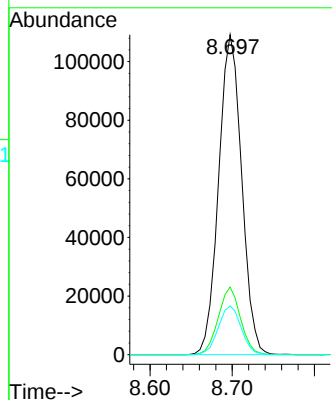
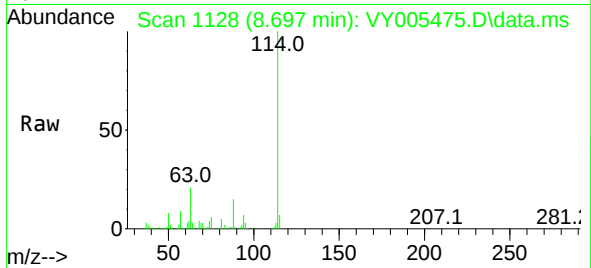




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY005475.D
Acq: 27 Jul 2021 19:20

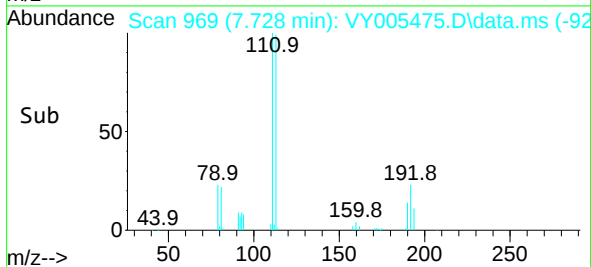
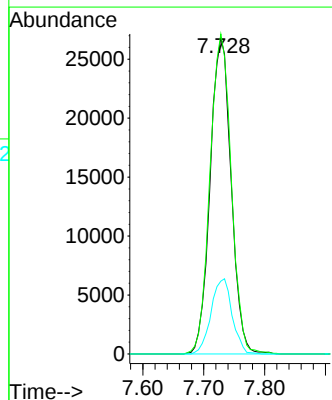
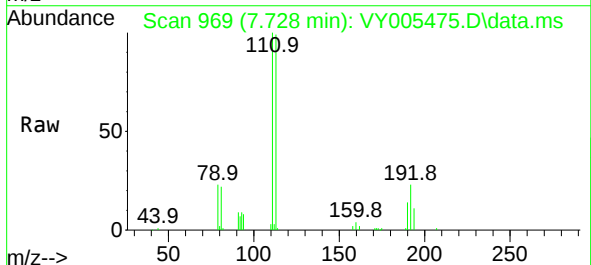
Instrument :
MSVOA_Y
ClientSampleId :

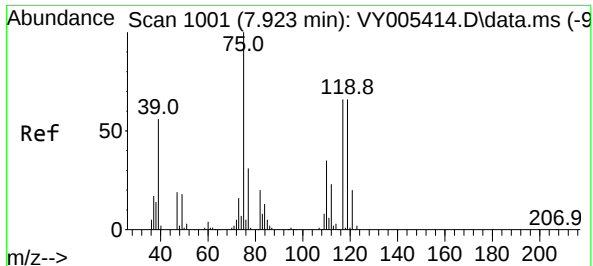
Tgt Ion:	114	Resp:	212153
Ion	Ratio	Lower	Upper
114	100		
63	21.1	0.0	39.0
88	15.3	0.0	30.8



#35
Dibromofluoromethane
Concen: 52.298 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY005475.D
Acq: 27 Jul 2021 19:20

Tgt Ion:	113	Resp:	64065
Ion	Ratio	Lower	Upper
113	100		
111	102.6	82.6	124.0
192	23.9	18.9	28.3





#36

1,1-Dichloropropene

Concen: 4.496 ug/l

RT: 7.795 min Scan# 980

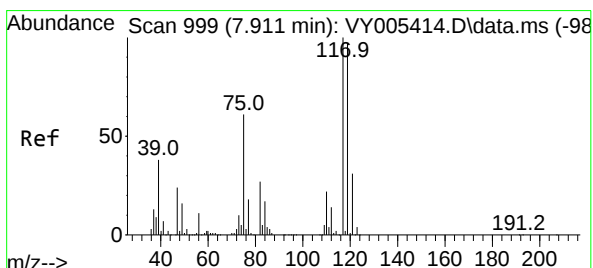
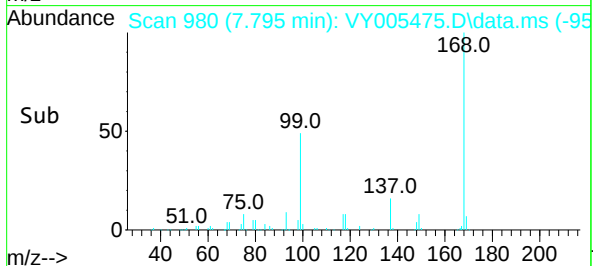
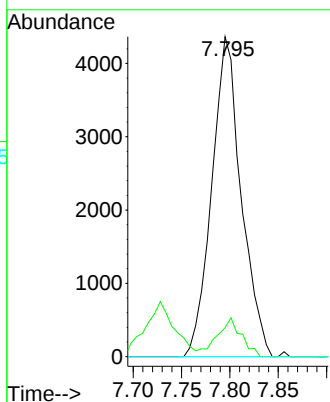
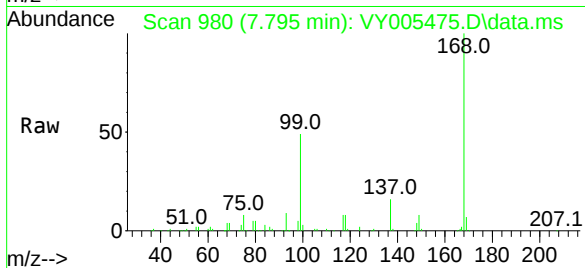
Delta R.T. -0.128 min

Lab File: VY005475.D

Acq: 27 Jul 2021 19:20

Tgt Ion:	75	Resp:	9223
Ion	Ratio	Lower	Upper
75	100		
110	10.1	17.6	52.9#
77	0.0	24.6	37.0#

Instrument :
MSVOA_Y
ClientSampleId :



#38

Carbon Tetrachloride

Concen: 5.393 ug/l

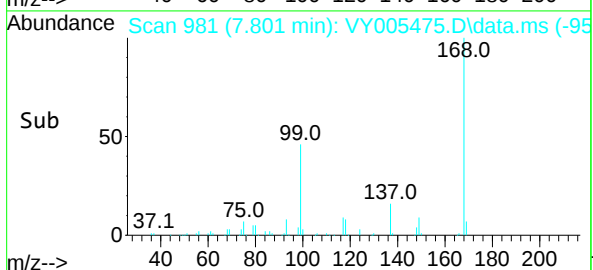
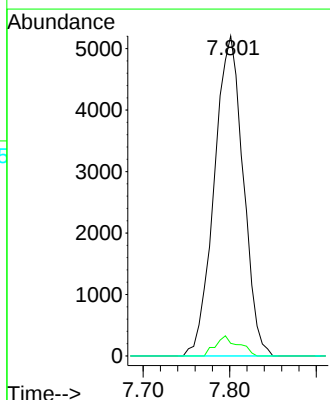
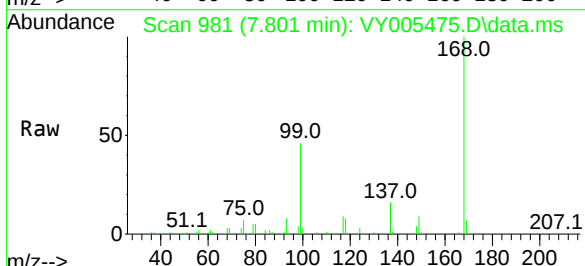
RT: 7.801 min Scan# 981

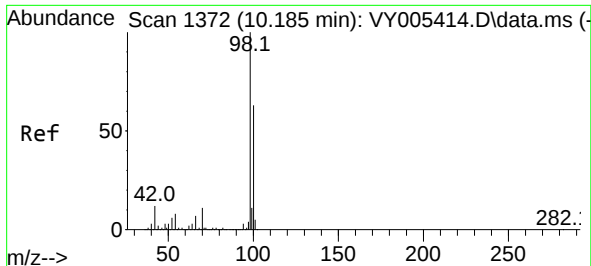
Delta R.T. -0.110 min

Lab File: VY005475.D

Acq: 27 Jul 2021 19:20

Tgt Ion:	117	Resp:	12088
Ion	Ratio	Lower	Upper
117	100		
119	4.0	77.2	115.8#
121	0.0	25.1	37.7#

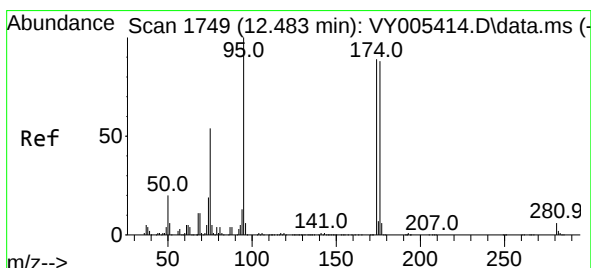
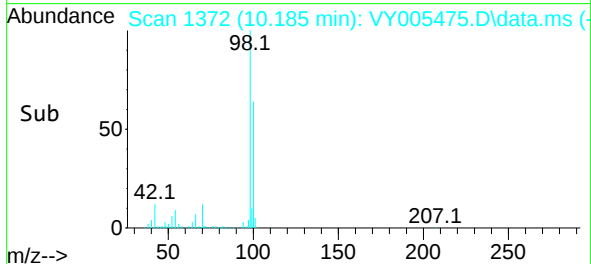
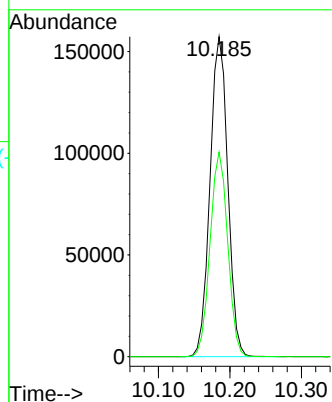
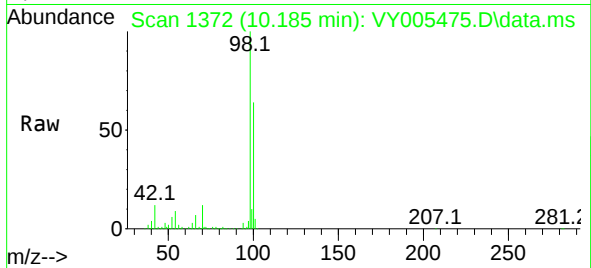




#50
Toluene-d8
Concen: 52.236 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY005475.D
Acq: 27 Jul 2021 19:20

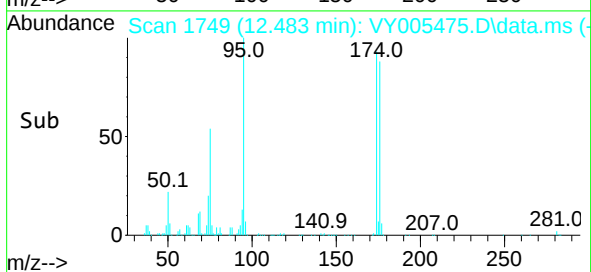
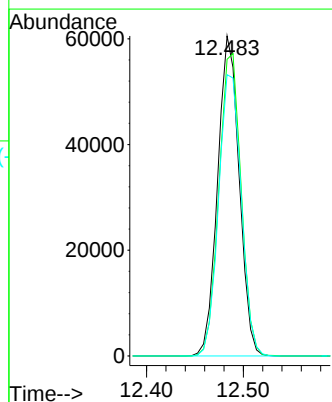
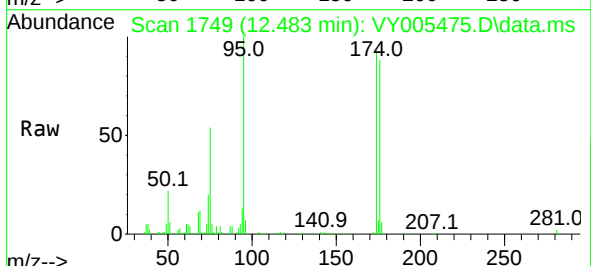
Instrument :
MSVOA_Y
ClientSampled :

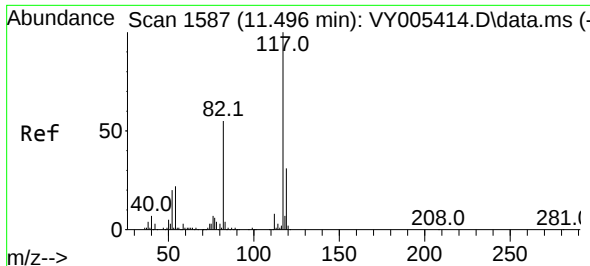
Tgt Ion: 98 Resp: 271206
Ion Ratio Lower Upper
98 100
100 63.4 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 54.511 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY005475.D
Acq: 27 Jul 2021 19:20

Tgt Ion: 95 Resp: 93409
Ion Ratio Lower Upper
95 100
174 97.2 0.0 186.6
176 92.5 0.0 182.4

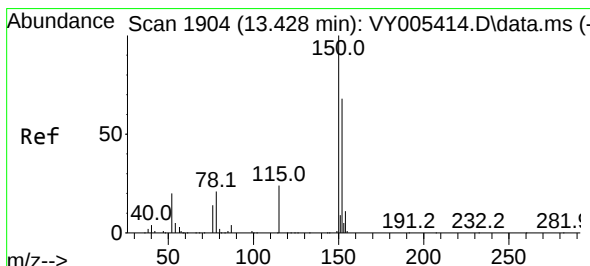
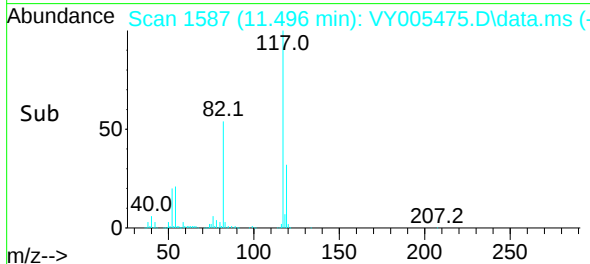
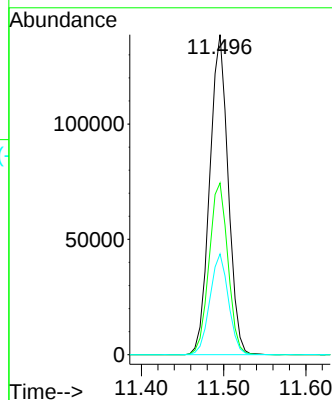
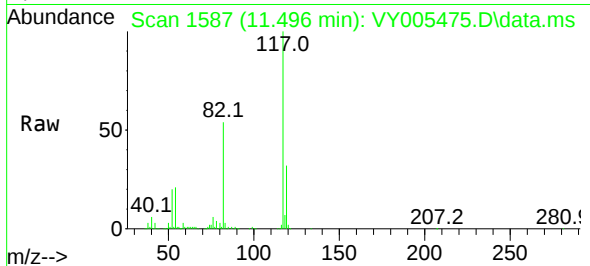




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY005475.D
Acq: 27 Jul 2021 19:20

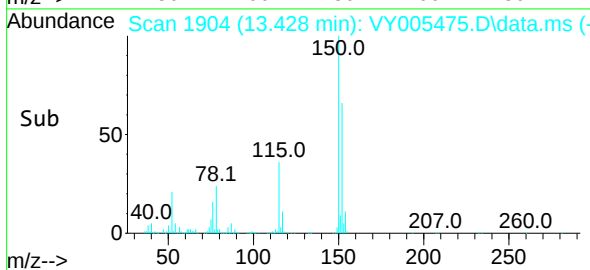
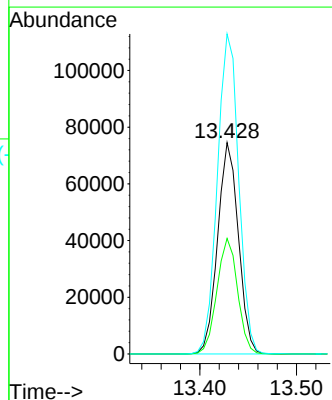
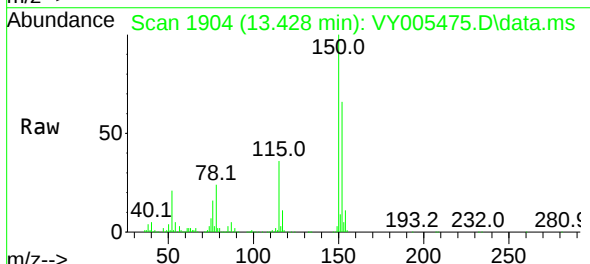
Instrument :
MSVOA_Y
ClientSampleId :

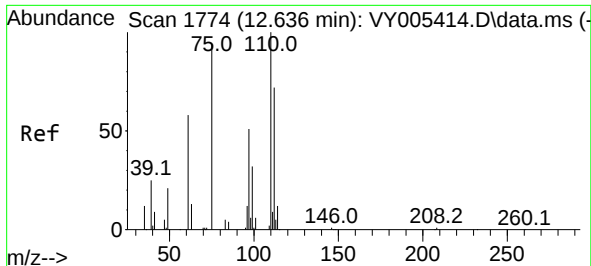
Tgt Ion:117 Resp: 216252
Ion Ratio Lower Upper
117 100
82 53.6 43.8 65.6
119 31.5 24.8 37.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY005475.D
Acq: 27 Jul 2021 19:20

Tgt Ion:152 Resp: 111104
Ion Ratio Lower Upper
152 100
115 54.3 27.7 83.1
150 155.7 0.0 349.6

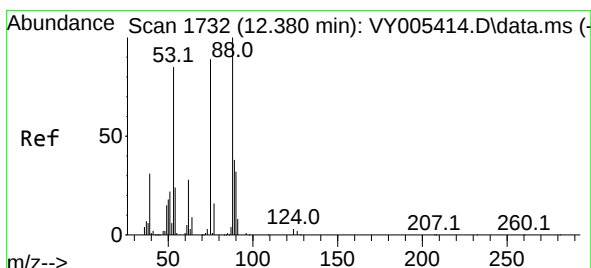
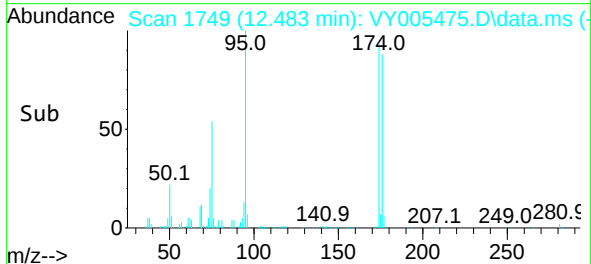
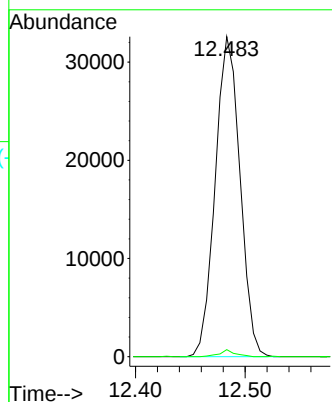
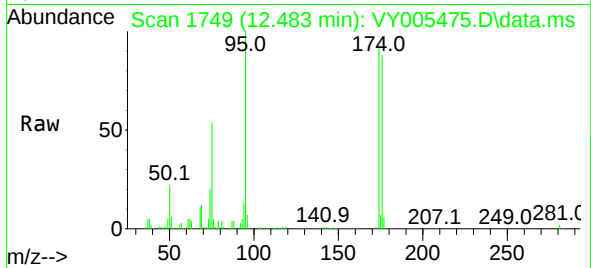




#76
1,2,3-Trichloropropane
Concen: 46.813 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY005475.D
Acq: 27 Jul 2021 19:20

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 51178
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 90.898 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY005475.D
Acq: 27 Jul 2021 19:20

Tgt Ion: 75 Resp: 51178
Ion Ratio Lower Upper
75 100
53 0.0 76.1 114.1#
89 0.1 36.9 55.3#

