

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080421\
 Data File : VY005528.D
 Acq On : 04 Aug 2021 11:01
 Operator : SY/MD
 Sample : VY0804SBL01
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Aug 05 06:37:02 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080221S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 03 04:52:05 2021
 Response via : Initial Calibration

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

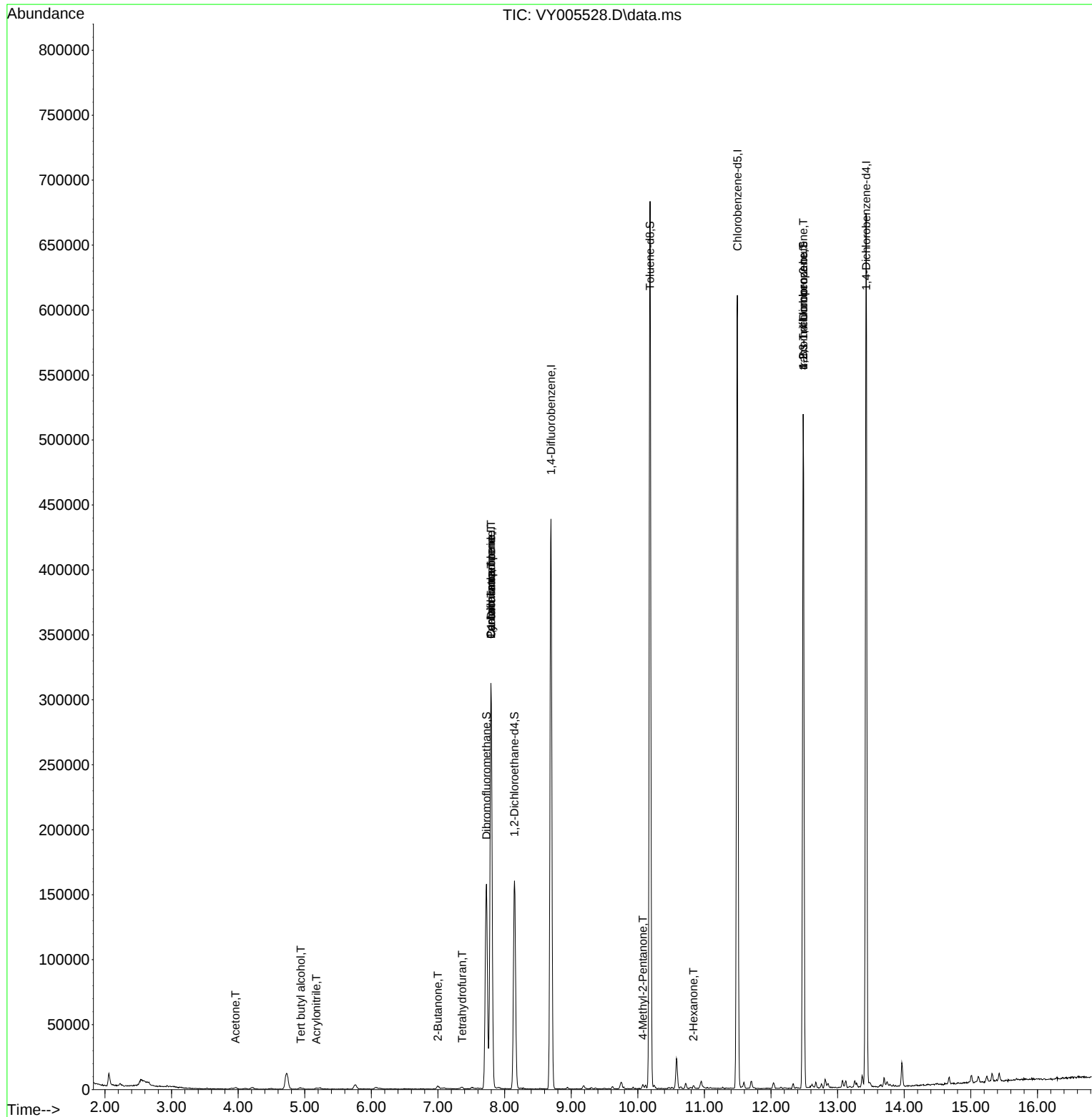
Internal Standards						
1) Pentafluorobenzene	7.795	168	256850	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	371912	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	334592	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	173125	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	132875	51.107	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 102.220%			
35) Dibromofluoromethane	7.728	113	106251	51.027	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 102.060%			
50) Toluene-d8	10.185	98	445673	51.034	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 102.060%			
62) 4-Bromofluorobenzene	12.483	95	142910	49.418	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 98.840%			
Target Compounds						Qvalue
11) Tert butyl alcohol	4.942	59	1390	5.408	ug/l #	77
15) Acrylonitrile	5.174	53	888	1.228	ug/l #	82
16) Acetone	3.960	43	2096	3.197	ug/l	98
20) Methylene Chloride	4.735	84	9866	Below Cal		93
25) 2-Butanone	6.996	43	1460	1.507	ug/l #	79
29) Tetrahydrofuran	7.362	42	935	1.459	ug/l #	82
31) Cyclohexane	7.795	56	5667	1.271	ug/l #	24
36) 1,1-Dichloropropene	7.795	75	17758	5.091	ug/l #	50
38) Carbon Tetrachloride	7.795	117	22659	5.977	ug/l #	17
51) 4-Methyl-2-Pentanone	10.075	43	2342	1.112	ug/l #	87
59) 2-Hexanone	10.837	43	1515	1.017	ug/l	91
76) 1,2,3-Trichloropropane	12.483	75	79153	44.119	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	79153	88.938	ug/l #	11

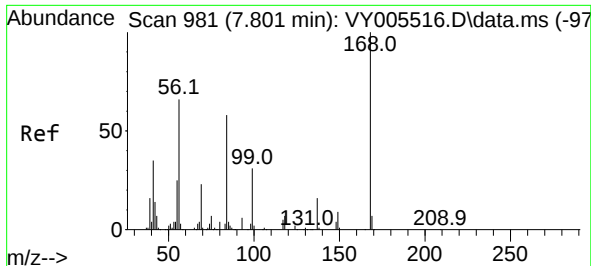
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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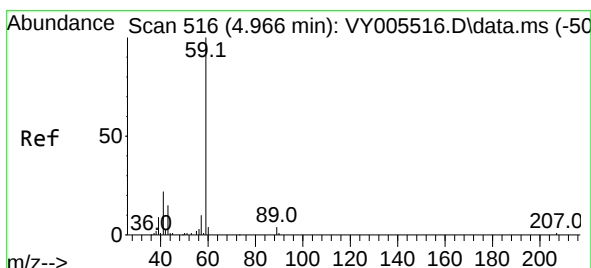
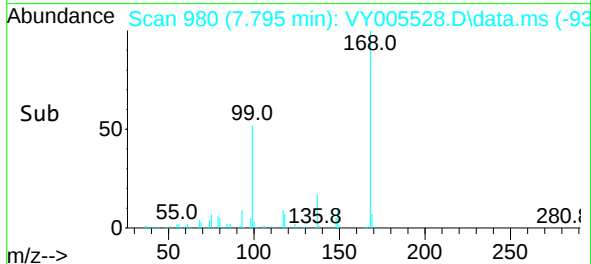
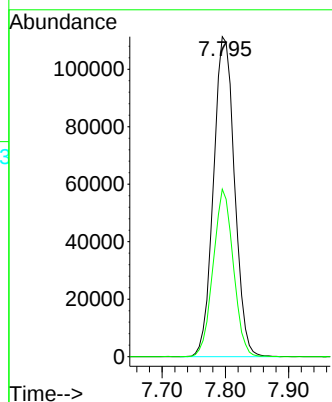
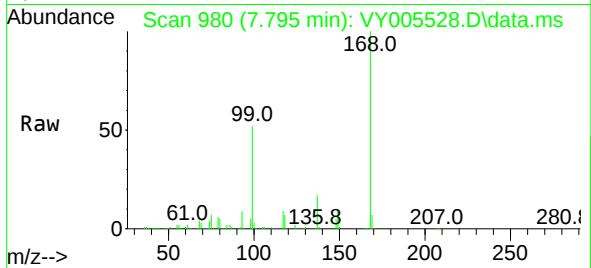




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.006 min
Lab File: VY005528.D
Acq: 04 Aug 2021 11:01

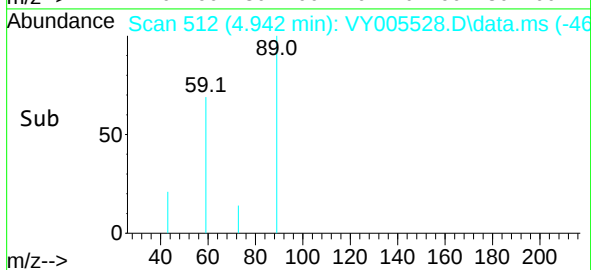
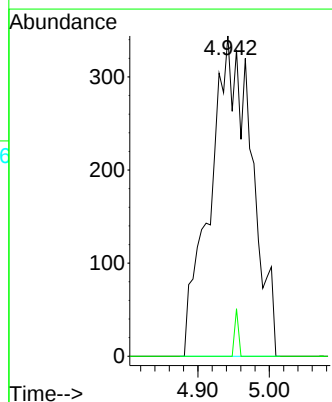
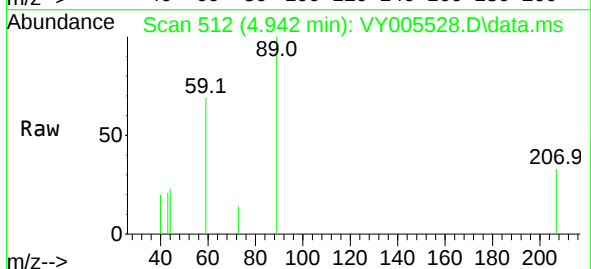
Instrument :
MSVOA_Y
ClientSampled :

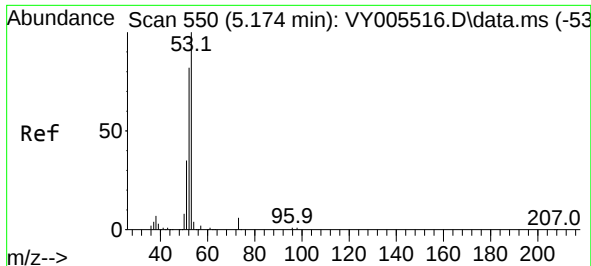
Tgt Ion:168 Resp: 256850
Ion Ratio Lower Upper
168 100
99 52.3 38.9 58.3



#11
Tert butyl alcohol
Concen: 5.408 ug/l
RT: 4.942 min Scan# 512
Delta R.T. -0.024 min
Lab File: VY005528.D
Acq: 04 Aug 2021 11:01

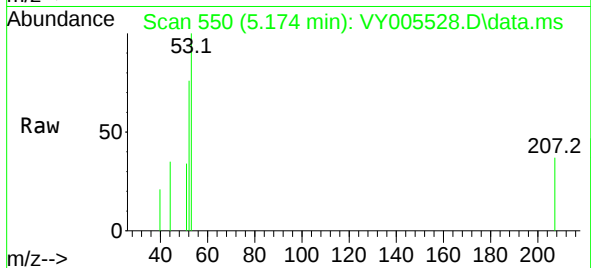
Tgt Ion: 59 Resp: 1390
Ion Ratio Lower Upper
59 100
57 1.4 8.0 12.0#



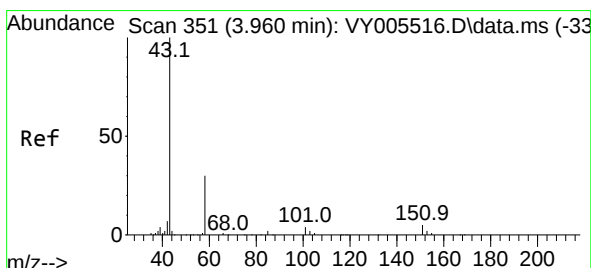
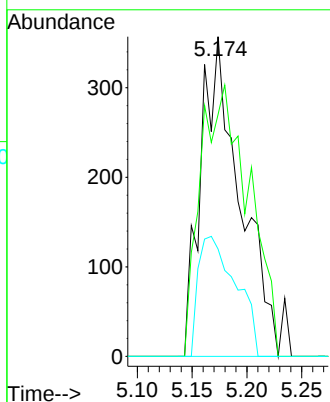
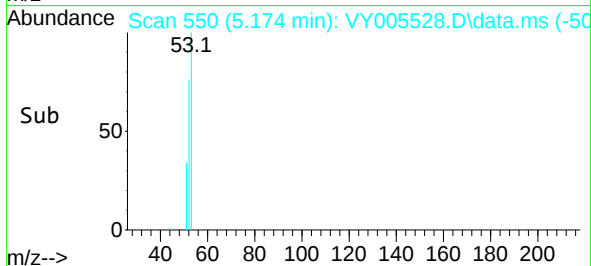


#15
Acrylonitrile
Concen: 1.228 ug/l
RT: 5.174 min Scan# 550
Delta R.T. 0.000 min
Lab File: VY005528.D
Acq: 04 Aug 2021 11:01

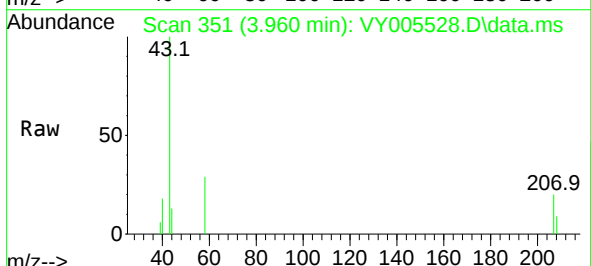
Instrument :
MSVOA_Y
ClientSampled :



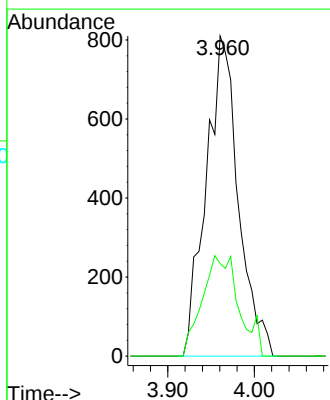
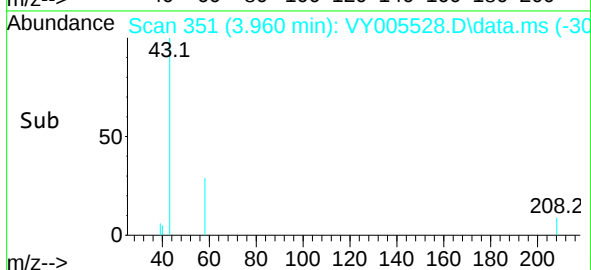
Tgt Ion: 53 Resp: 888
Ion Ratio Lower Upper
53 100
52 105.3 66.6 99.8#
51 36.0 29.9 44.9

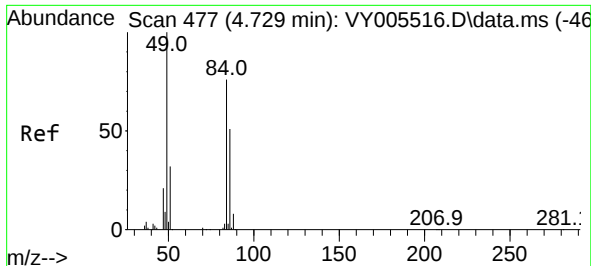


#16
Acetone
Concen: 3.197 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.000 min
Lab File: VY005528.D
Acq: 04 Aug 2021 11:01



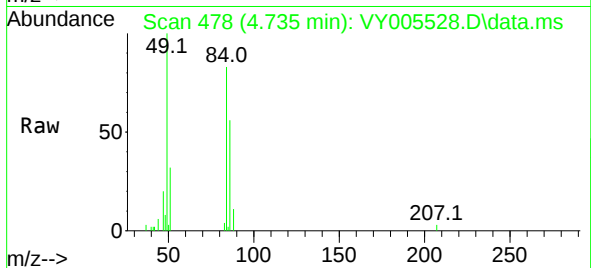
Tgt Ion: 43 Resp: 2096
Ion Ratio Lower Upper
43 100
58 28.9 23.8 35.6



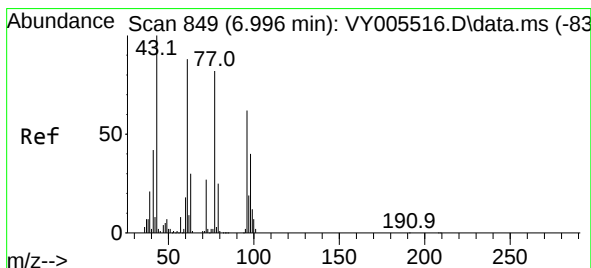
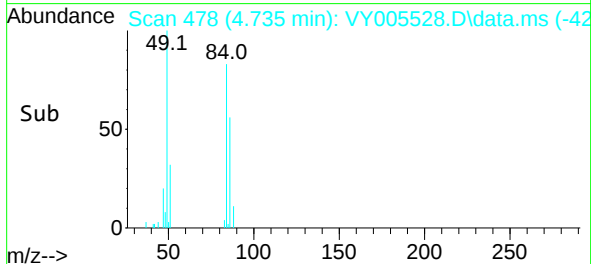
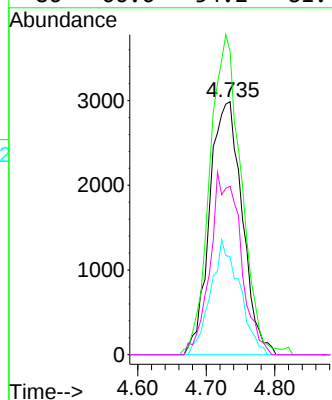


#20
Methylene Chloride
Concen: Below Cal
RT: 4.735 min Scan# 478
Delta R.T. 0.006 min
Lab File: VY005528.D
Acq: 04 Aug 2021 11:01

Instrument :
MSVOA_Y
ClientSampled :

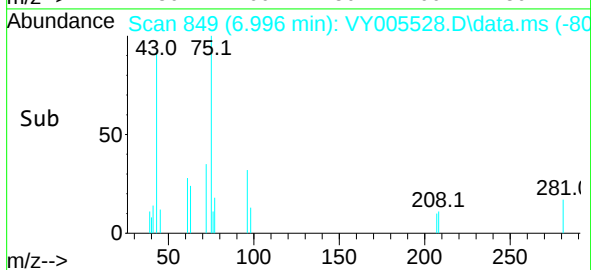
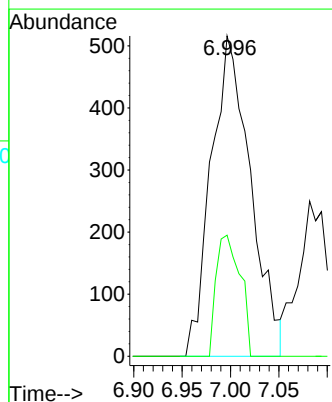
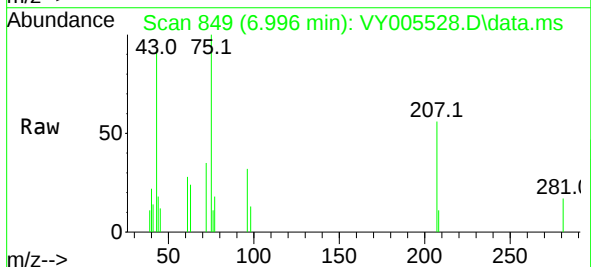


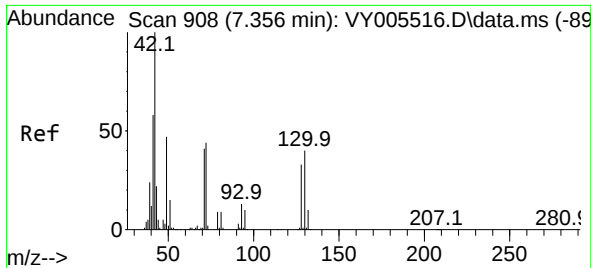
Tgt Ion:	84	Resp:	9866
Ion	Ratio	Lower	Upper
84	100		
49	119.9	105.8	158.6
51	38.8	33.4	50.2
86	66.6	54.2	81.4



#25
2-Butanone
Concen: 1.507 ug/l
RT: 6.996 min Scan# 849
Delta R.T. -0.000 min
Lab File: VY005528.D
Acq: 04 Aug 2021 11:01

Tgt Ion:	43	Resp:	1460
Ion	Ratio	Lower	Upper
43	100		
72	37.8	21.4	32.2#





#29

Tetrahydrofuran

Concen: 1.459 ug/l

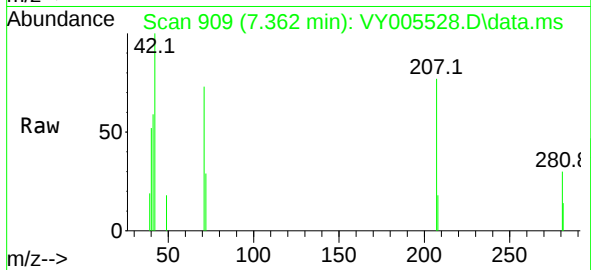
RT: 7.362 min Scan# 909

Delta R.T. 0.006 min

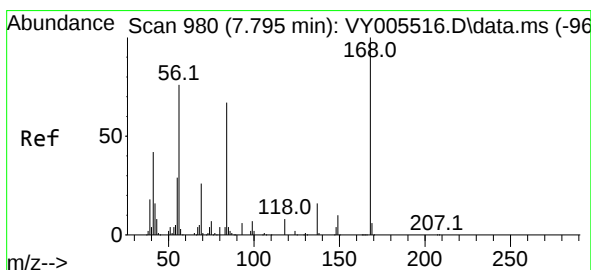
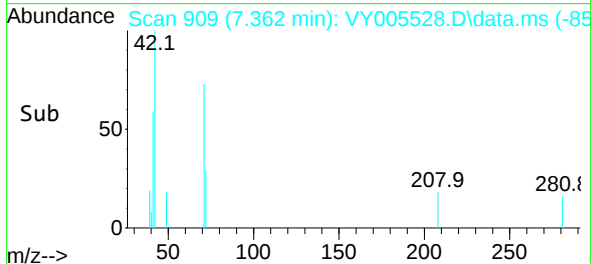
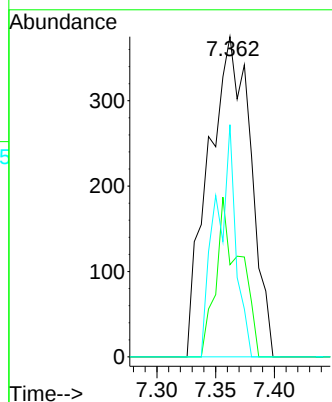
Lab File: VY005528.D

Acq: 04 Aug 2021 11:01

Instrument :
MSVOA_Y
ClientSampled :



Tgt Ion:	42	Resp:	935
Ion Ratio	Lower	Upper	
42	100		
72	28.2	35.0	52.4#
71	33.9	33.3	49.9



#31

Cyclohexane

Concen: 1.271 ug/l

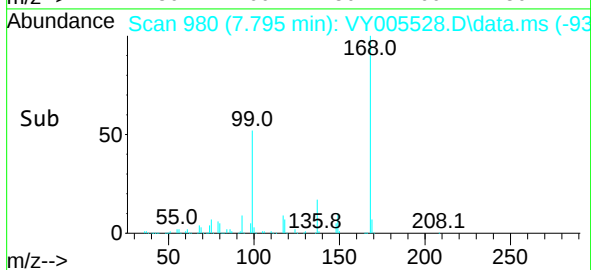
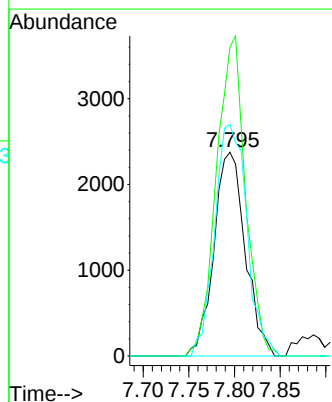
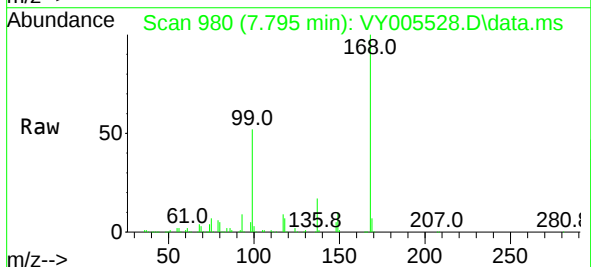
RT: 7.795 min Scan# 980

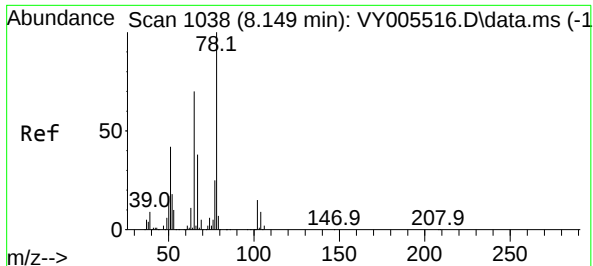
Delta R.T. -0.000 min

Lab File: VY005528.D

Acq: 04 Aug 2021 11:01

Tgt Ion:	56	Resp:	5667
Ion Ratio	Lower	Upper	
56	100		
69	151.7	27.7	41.5#
84	113.6	70.9	106.3#

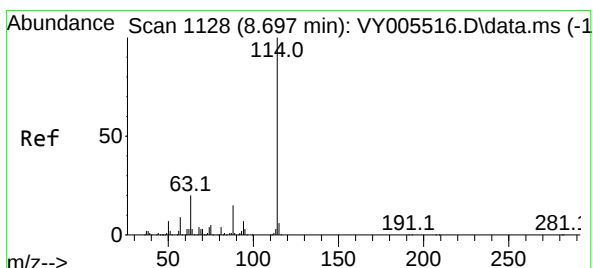
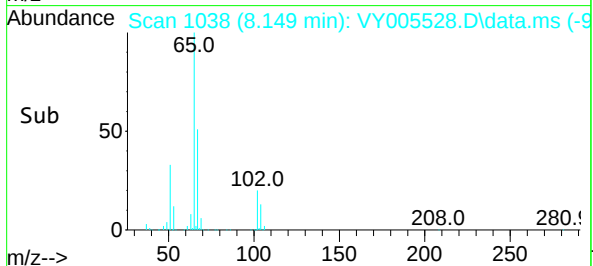
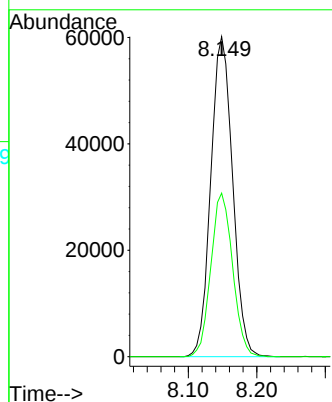
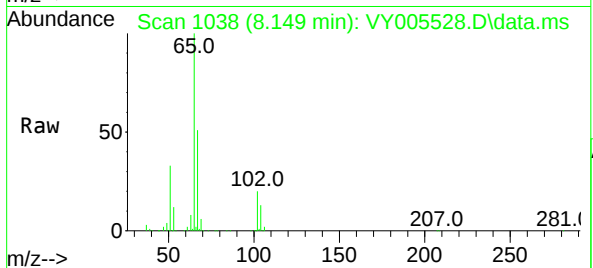




#33
1,2-Dichloroethane-d4
Concen: 51.107 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY005528.D
Acq: 04 Aug 2021 11:01

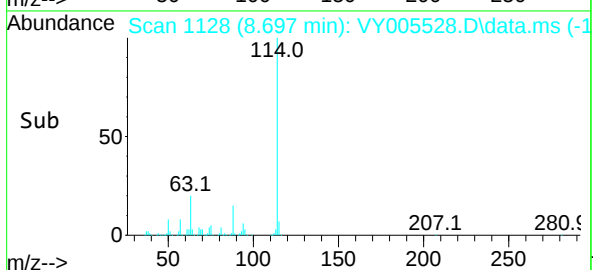
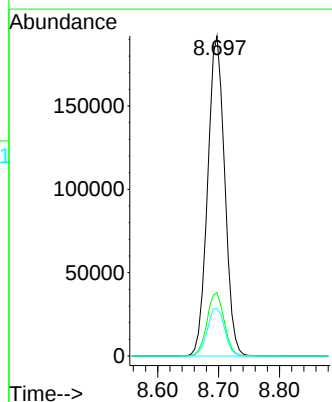
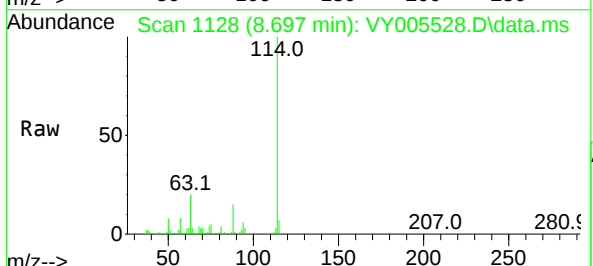
Instrument :
MSVOA_Y
ClientSampled :

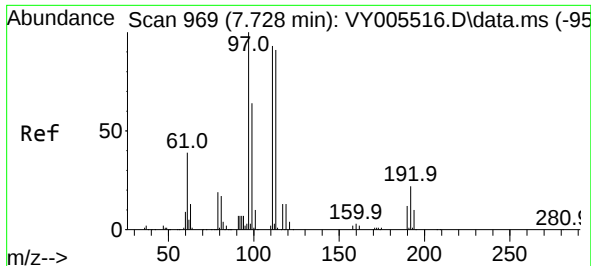
Tgt Ion: 65 Resp: 132875
Ion Ratio Lower Upper
65 100
67 51.0 0.0 103.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY005528.D
Acq: 04 Aug 2021 11:01

Tgt Ion: 114 Resp: 371912
Ion Ratio Lower Upper
114 100
63 19.8 0.0 39.2
88 14.8 0.0 30.8





#35

Dibromofluoromethane

Concen: 51.027 ug/l

RT: 7.728 min Scan# 969

Delta R.T. 0.000 min

Lab File: VY005528.D

Acq: 04 Aug 2021 11:01

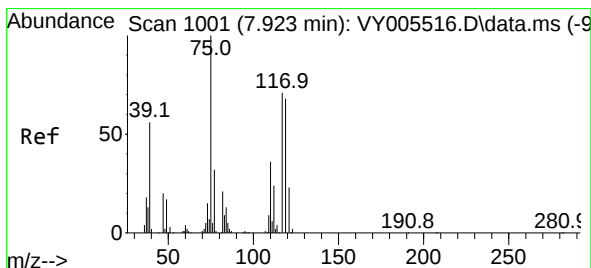
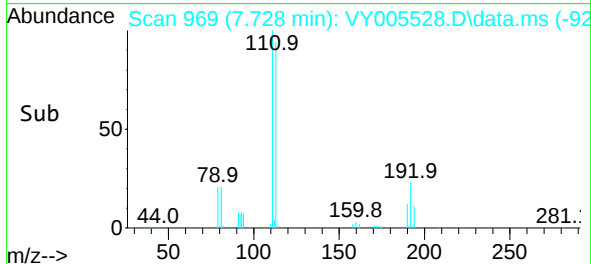
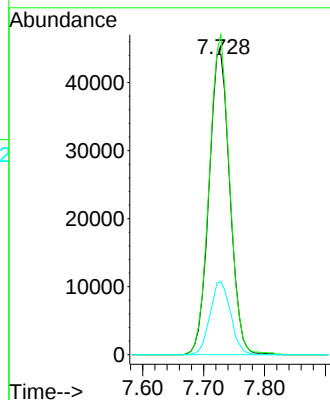
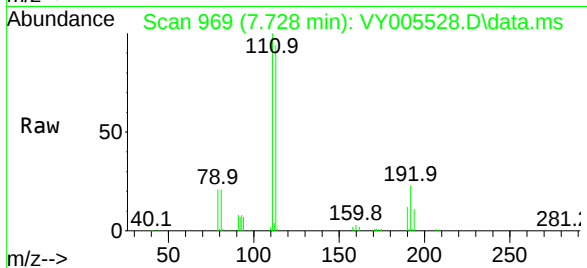
Tgt Ion:113 Resp: 106251

Ion Ratio Lower Upper

113 100

111 103.1 81.9 122.9

192 23.7 19.2 28.8



#36

1,1-Dichloropropene

Concen: 5.091 ug/l

RT: 7.795 min Scan# 980

Delta R.T. -0.128 min

Lab File: VY005528.D

Acq: 04 Aug 2021 11:01

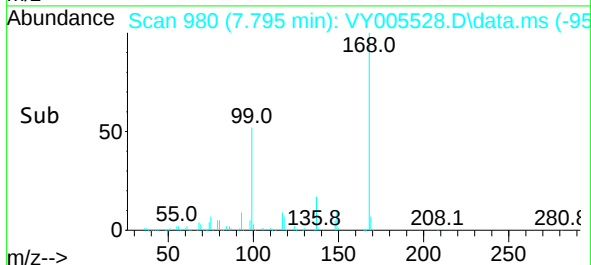
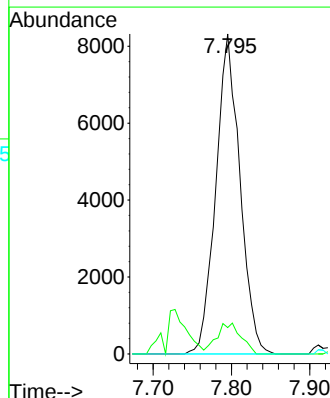
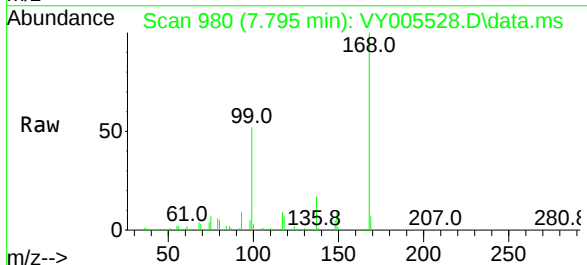
Tgt Ion: 75 Resp: 17758

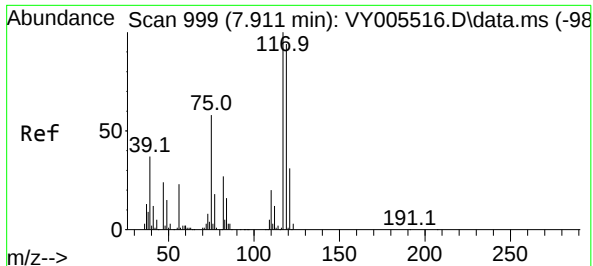
Ion Ratio Lower Upper

75 100

110 9.7 18.1 54.1#

77 0.0 25.1 37.7#

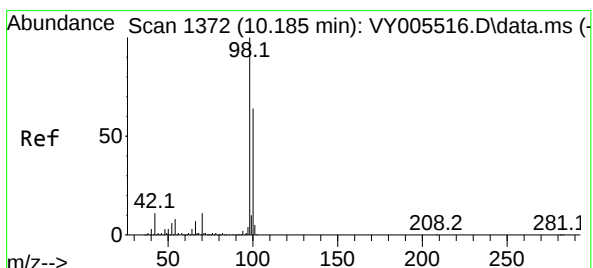
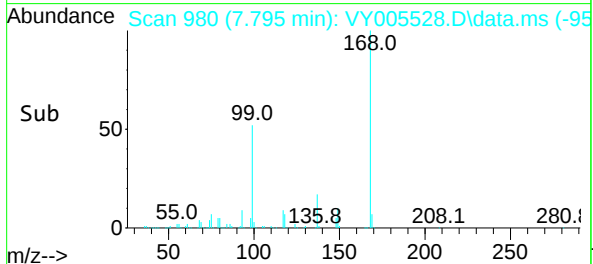
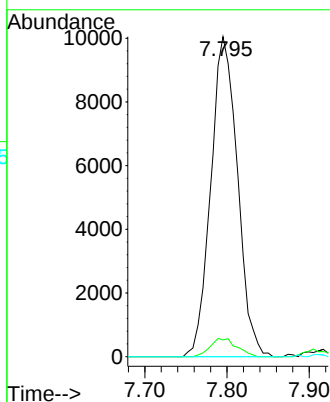
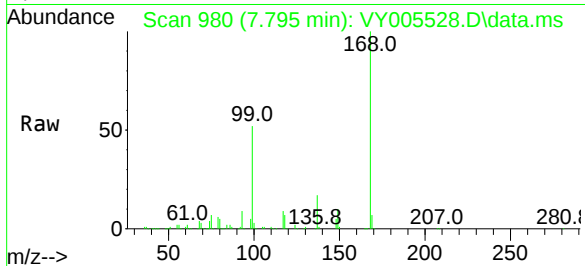




#38
Carbon Tetrachloride
Concen: 5.977 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.116 min
Lab File: VY005528.D
Acq: 04 Aug 2021 11:01

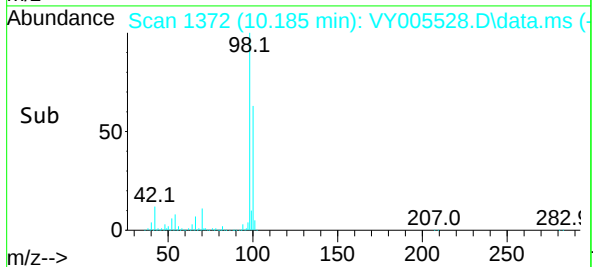
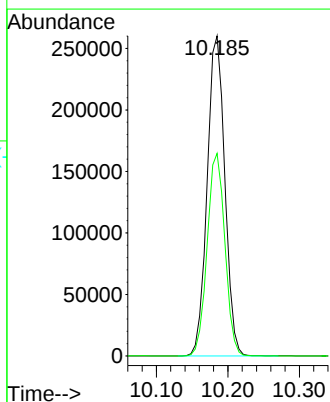
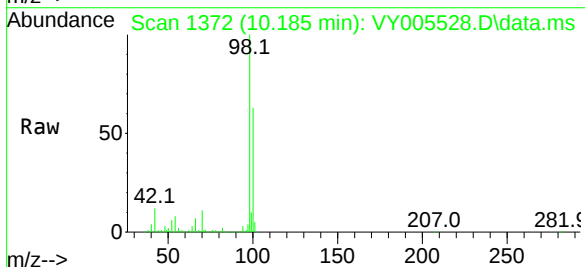
Instrument :
MSVOA_Y
ClientSampled :

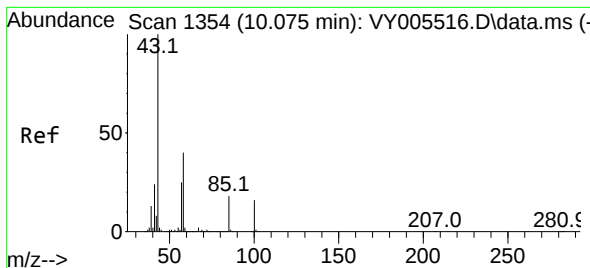
Tgt Ion:117 Resp: 22659
Ion Ratio Lower Upper
117 100
119 5.2 75.4 113.0#
121 0.0 25.1 37.7#



#50
Toluene-d8
Concen: 51.034 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY005528.D
Acq: 04 Aug 2021 11:01

Tgt Ion: 98 Resp: 445673
Ion Ratio Lower Upper
98 100
100 63.5 51.3 76.9

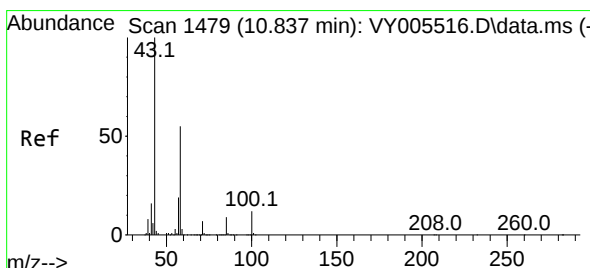
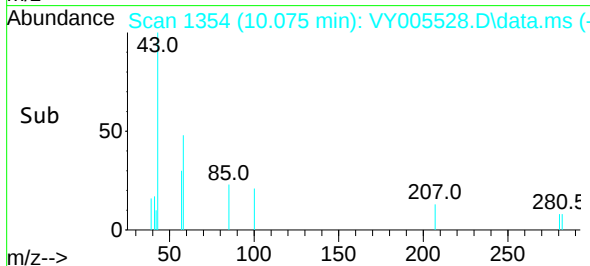
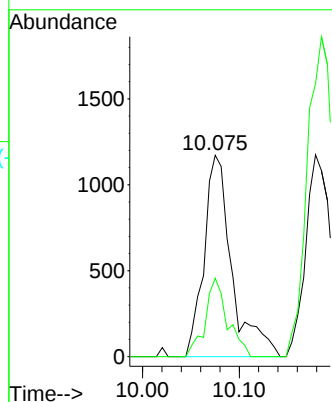
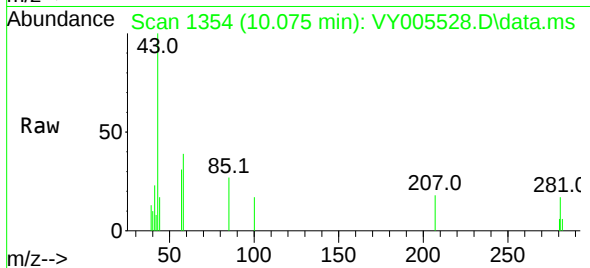




#51
4-Methyl-2-Pentanone
Concen: 1.112 ug/l
RT: 10.075 min Scan# 1354
Delta R.T. -0.000 min
Lab File: VY005528.D
Acq: 04 Aug 2021 11:01

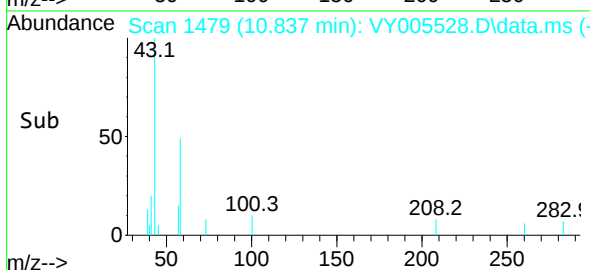
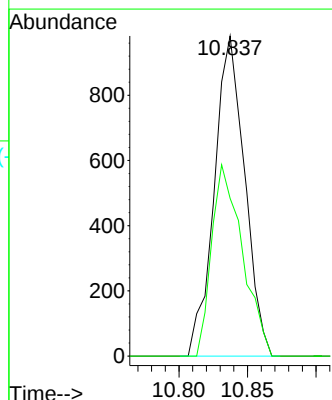
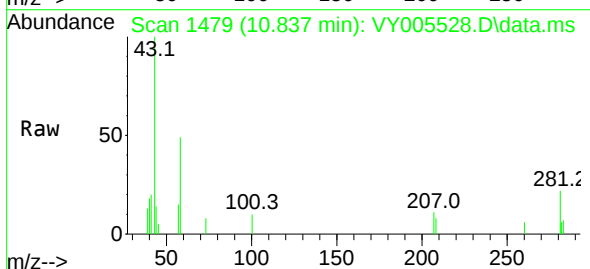
Instrument :
MSVOA_Y
ClientSampled :

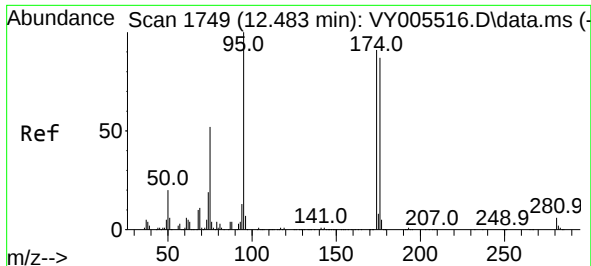
Tgt Ion: 43 Resp: 2342
Ion Ratio Lower Upper
43 100
58 31.2 31.4 47.2#



#59
2-Hexanone
Concen: 1.017 ug/l
RT: 10.837 min Scan# 1479
Delta R.T. 0.000 min
Lab File: VY005528.D
Acq: 04 Aug 2021 11:01

Tgt Ion: 43 Resp: 1515
Ion Ratio Lower Upper
43 100
58 60.4 27.1 81.2

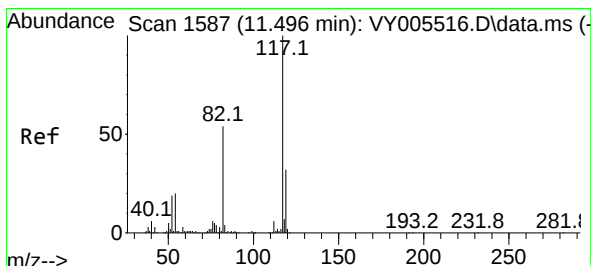
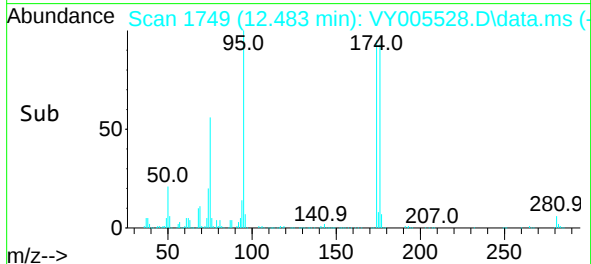
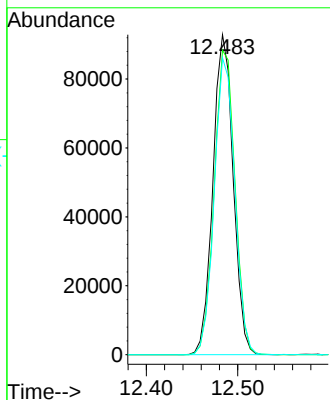
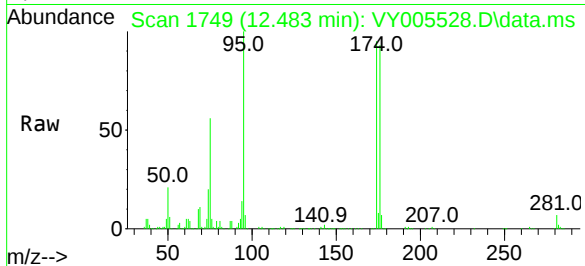




#62
4-Bromofluorobenzene
Concen: 49.418 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY005528.D
Acq: 04 Aug 2021 11:01

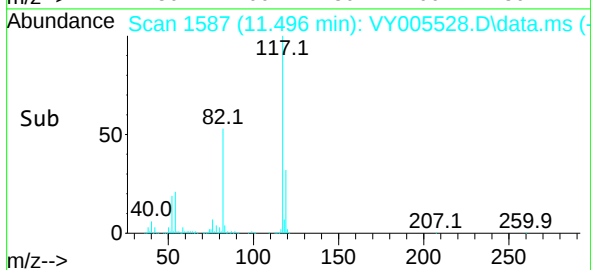
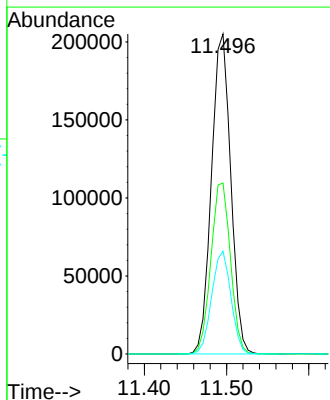
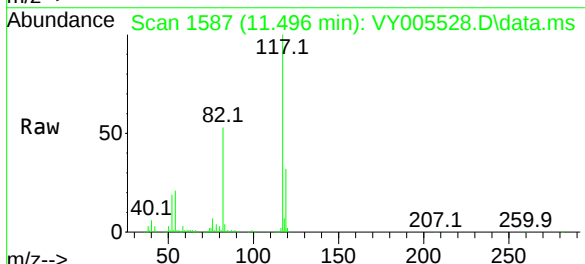
Instrument :
MSVOA_Y
ClientSampleId :

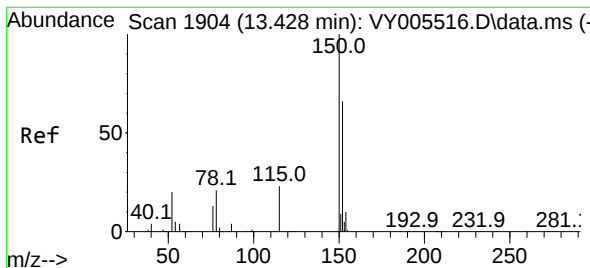
Tgt Ion:	95	Resp:	142910
Ion Ratio	Lower	Upper	
95	100		
174	97.6	0.0	191.4
176	93.9	0.0	183.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY005528.D
Acq: 04 Aug 2021 11:01

Tgt Ion:	117	Resp:	334592
Ion Ratio	Lower	Upper	
117	100		
82	53.4	43.5	65.3
119	32.2	25.5	38.3

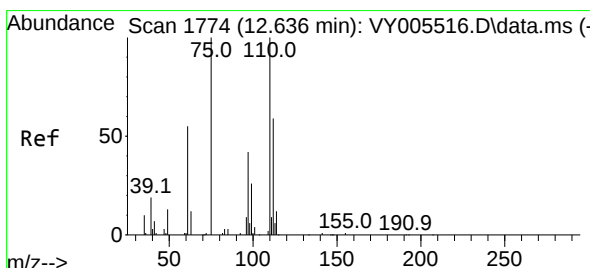
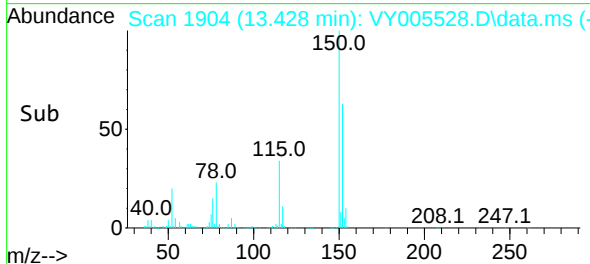
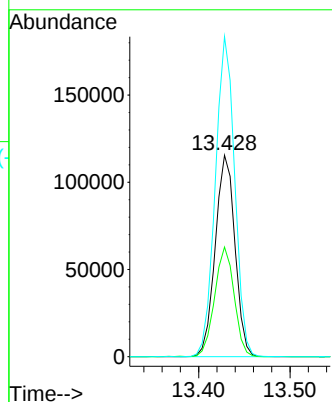
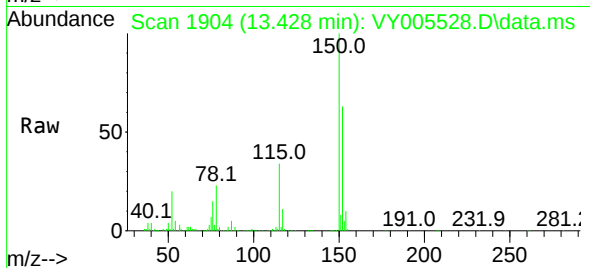




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY005528.D
Acq: 04 Aug 2021 11:01

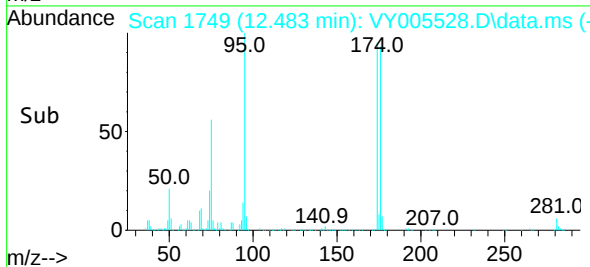
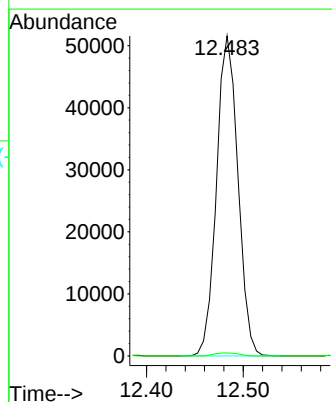
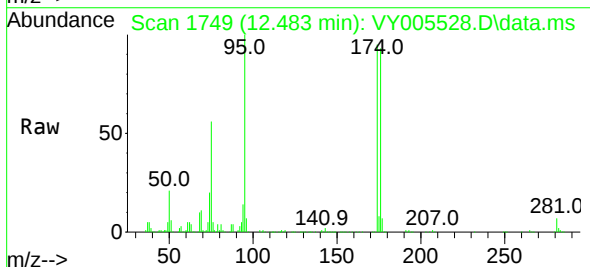
Instrument :
MSVOA_Y
ClientSampleId :

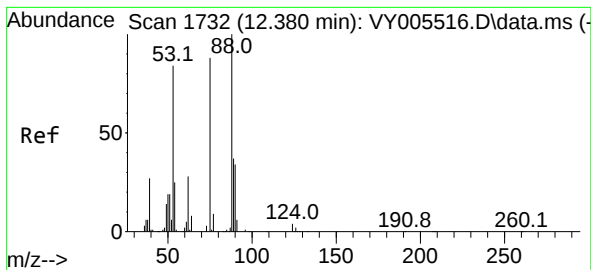
Tgt Ion:152 Resp: 173125
Ion Ratio Lower Upper
152 100
115 53.8 27.3 81.9
150 156.5 0.0 350.2



#76
1,2,3-Trichloropropane
Concen: 44.119 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY005528.D
Acq: 04 Aug 2021 11:01

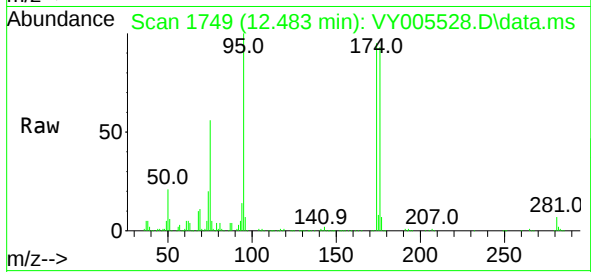
Tgt Ion: 75 Resp: 79153
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 88.938 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY005528.D
Acq: 04 Aug 2021 11:01

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
75	100		
53	0.0	76.7	115.1#
89	0.0	38.4	57.6#

