

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041521\
 Data File : VY004448.D
 Acq On : 15 Apr 2021 18:04
 Operator : SY/MD
 Sample : M2048-10
 Misc : 5.03G/5ML/MSVOA_Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Apr 16 05:06:04 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041221S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 13 03:38:02 2021
 Response via : Initial Calibration

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

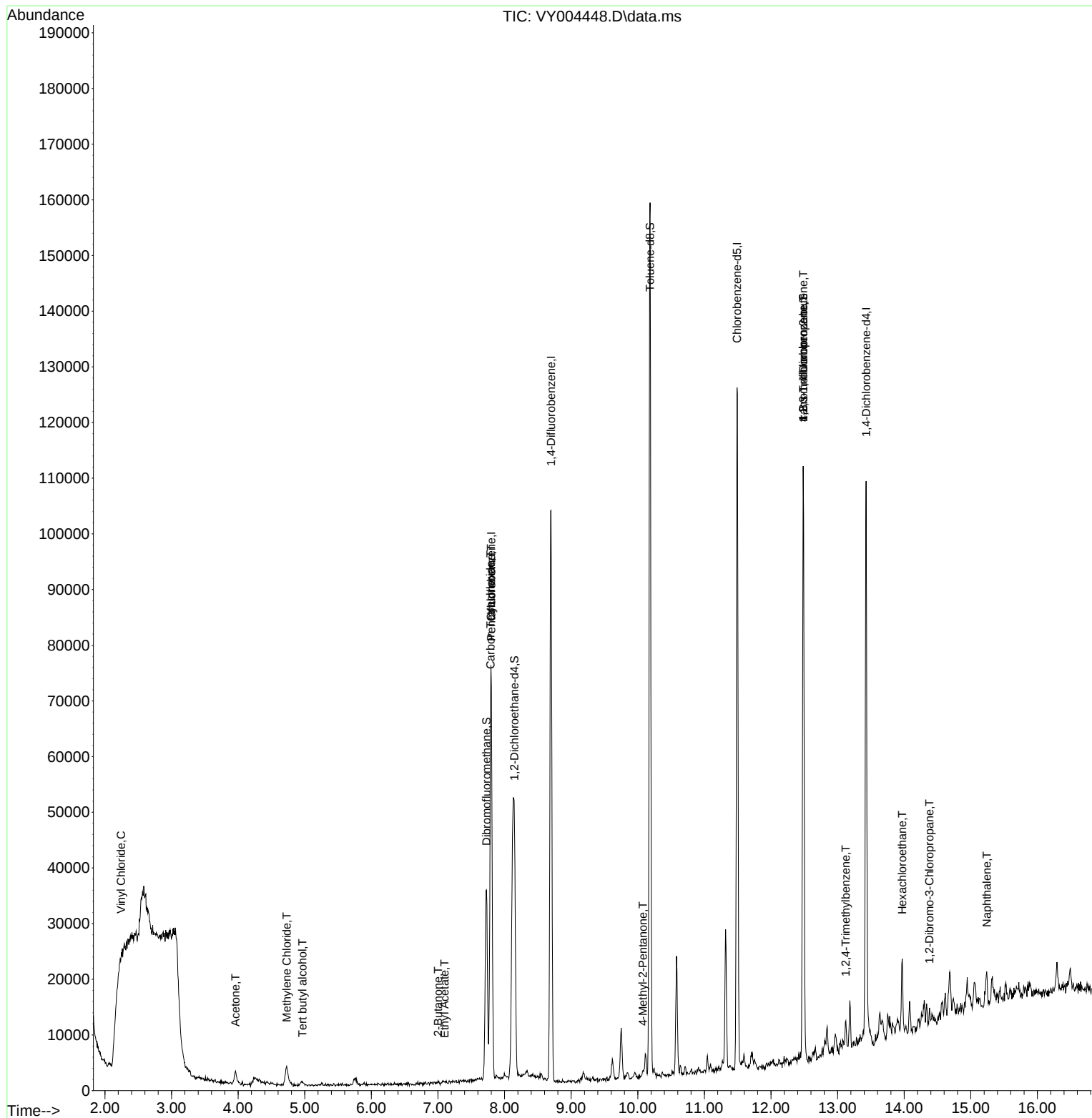
Internal Standards						
1) Pentafluorobenzene	7.801	168	55987	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	85511	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	64308	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	23653	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	26617	42.79	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 85.58%			
35) Dibromofluoromethane	7.728	113	24607	51.85	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 103.70%			
50) Toluene-d8	10.185	98	99451	49.27	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 98.54%			
62) 4-Bromofluorobenzene	12.483	95	26469	38.64	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 77.28%			
Target Compounds						Qvalue
4) Vinyl Chloride	2.241	62	16328	20.61	ug/l #	43
11) Tert butyl alcohol	4.966	59	1236	20.16	ug/l #	73
16) Acetone	3.960	43	3758	10.00	ug/l	92
20) Methylene Chloride	4.729	84	2203	3.67	ug/l #	85
25) 2-Butanone	7.003	43	484	2.04	ug/l #	50
31) Cyclohexane	7.795	56	1477	1.30	ug/l #	18
37) Ethyl Acetate	7.100	43	670	1.22	ug/l #	70
38) Carbon Tetrachloride	7.789	117	5718	7.78	ug/l #	18
51) 4-Methyl-2-Pentanone	10.075	43	812	1.52	ug/l	93
76) 1,2,3-Trichloropropane	12.483	75	14870	58.57	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	14870	104.79	ug/l #	13
84) 1,2,4-Trimethylbenzene	13.123	105	3069	2.05	ug/l	100
90) Hexachloroethane	13.971	117	561	2.59	ug/l #	13
92) 1,2-Dibromo-3-Chloropr...	14.379	75	134	2.16	ug/l #	2
95) Naphthalene	15.239	128	3932	4.03	ug/l	96

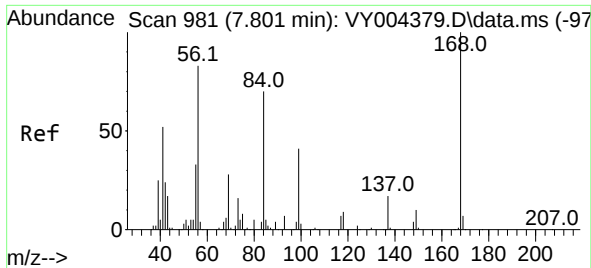
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041521\
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Misc : 5.03G/5ML/MSVOA_Y/SOIL
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

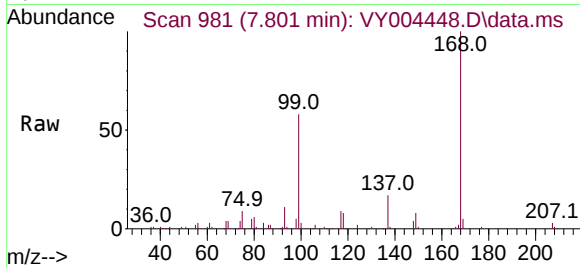
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041221S.M
Quant Title : SW846 8260
QLast Update : Tue Apr 13 03:38:02 2021
Response via : Initial Calibration



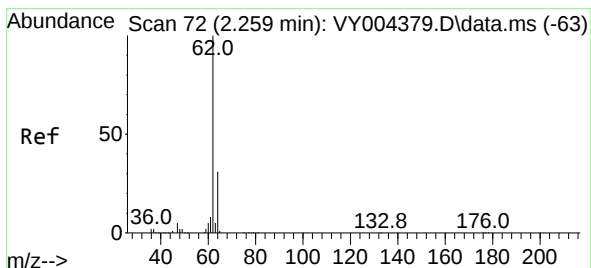
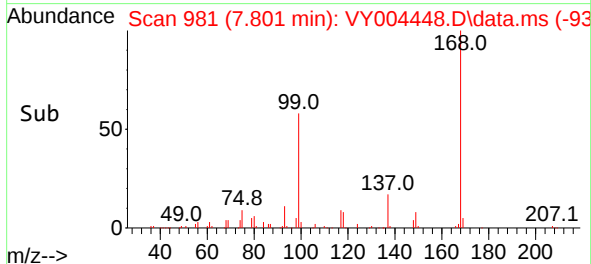
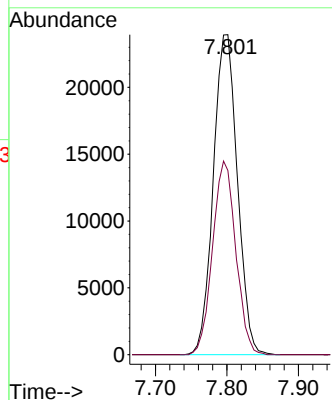


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY004448.D
Acq: 15 Apr 2021 18:04

Instrument :
MSVOA_Y
ClientSampled :

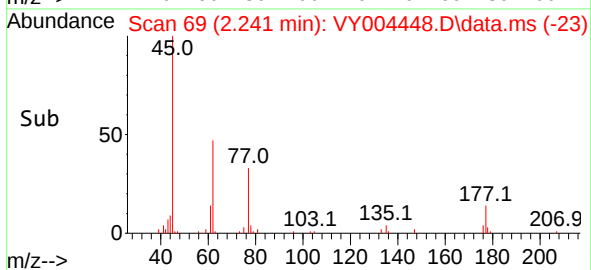
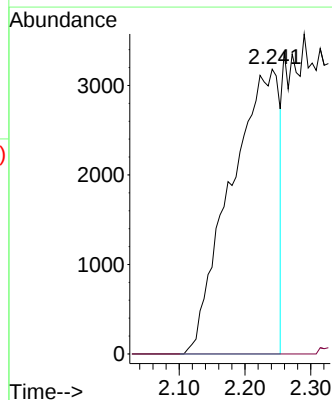
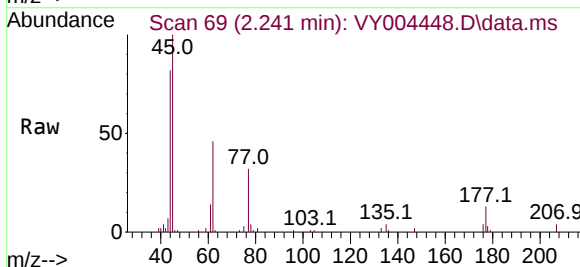


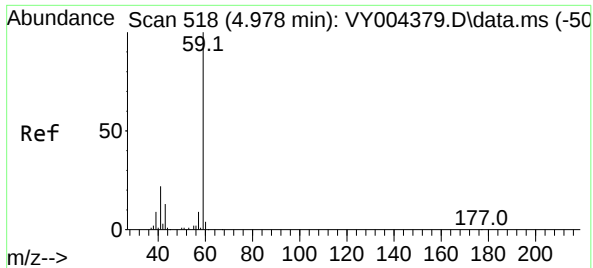
Tgt Ion:168 Resp: 55987
Ion Ratio Lower Upper
168 100
99 57.6 45.5 68.3



#4
Vinyl Chloride
Concen: 20.61 ug/l
RT: 2.241 min Scan# 69
Delta R.T. -0.018 min
Lab File: VY004448.D
Acq: 15 Apr 2021 18:04

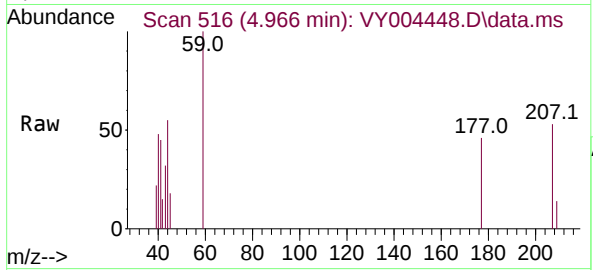
Tgt Ion: 62 Resp: 16328
Ion Ratio Lower Upper
62 100
64 0.0 25.1 37.7#



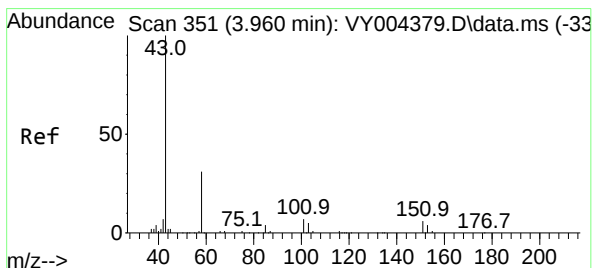
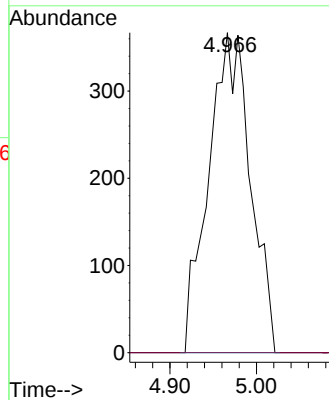
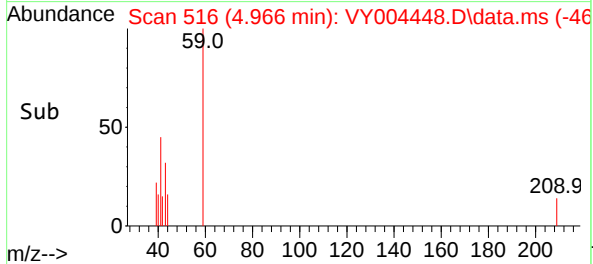


#11
Tert butyl alcohol
Concen: 20.16 ug/l
RT: 4.966 min Scan# 516
Delta R.T. -0.012 min
Lab File: VY004448.D
Acq: 15 Apr 2021 18:04

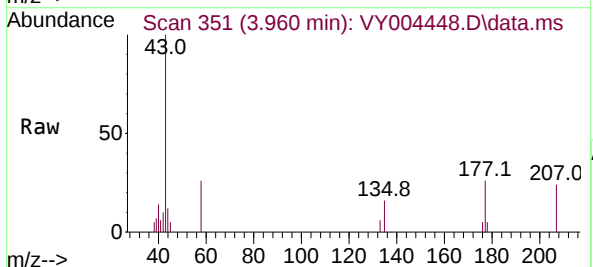
Instrument :
MSVOA_Y
ClientSampled :



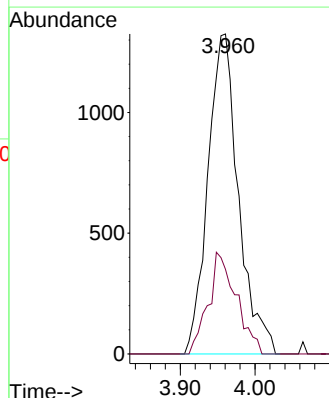
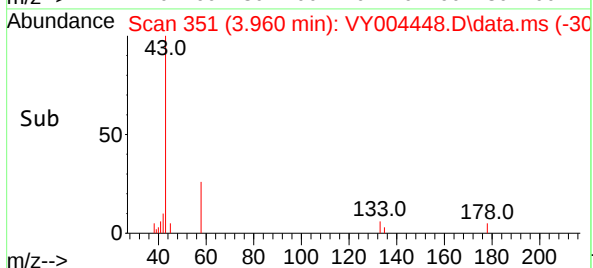
Tgt Ion: 59 Resp: 1236
Ion Ratio Lower Upper
59 100
57 0.0 8.1 12.1#

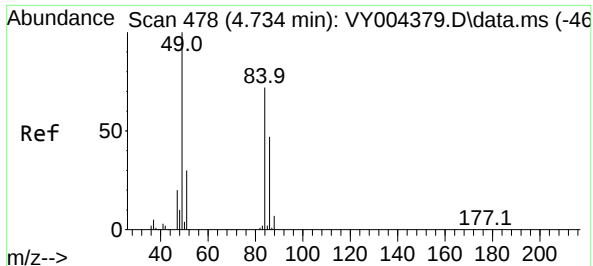


#16
Acetone
Concen: 10.00 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.000 min
Lab File: VY004448.D
Acq: 15 Apr 2021 18:04



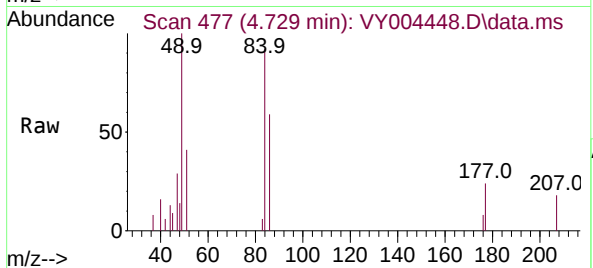
Tgt Ion: 43 Resp: 3758
Ion Ratio Lower Upper
43 100
58 26.4 24.6 37.0



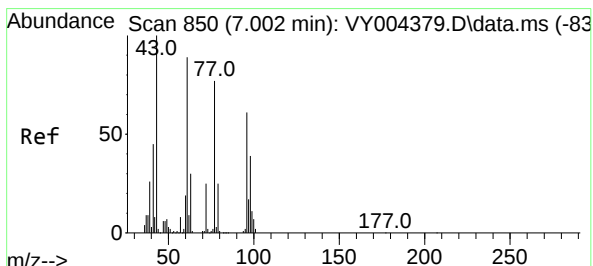
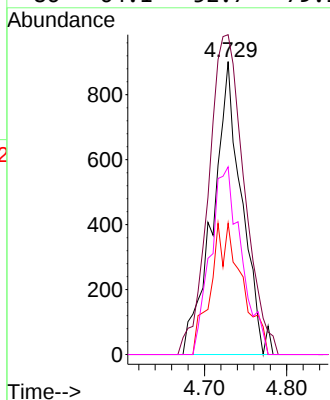
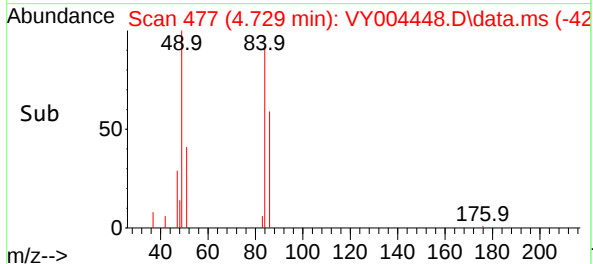


#20
Methylene Chloride
Concen: 3.67 ug/l
RT: 4.729 min Scan# 477
Delta R.T. -0.006 min
Lab File: VY004448.D
Acq: 15 Apr 2021 18:04

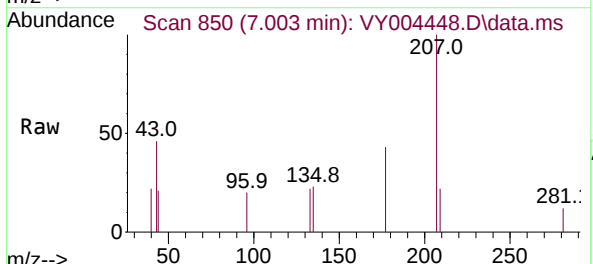
Instrument :
MSVOA_Y
ClientSampled :



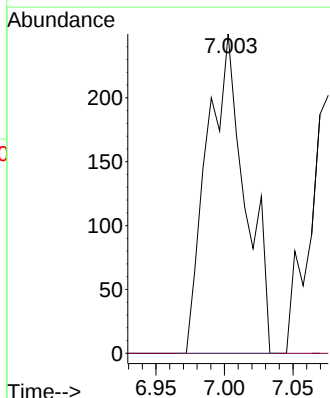
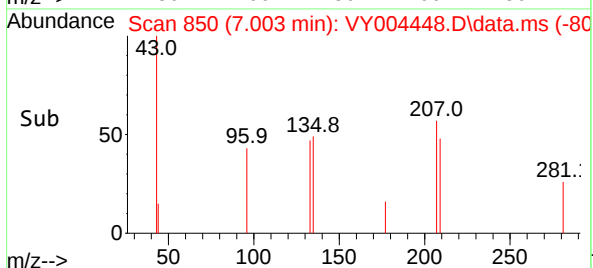
Tgt Ion: 84 Resp: 2203
Ion Ratio Lower Upper
84 100
49 109.2 111.2 166.8#
51 44.8 33.4 50.2
86 64.1 52.7 79.1

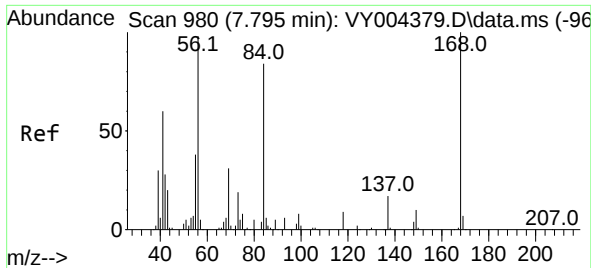


#25
2-Butanone
Concen: 2.04 ug/l
RT: 7.003 min Scan# 850
Delta R.T. 0.000 min
Lab File: VY004448.D
Acq: 15 Apr 2021 18:04



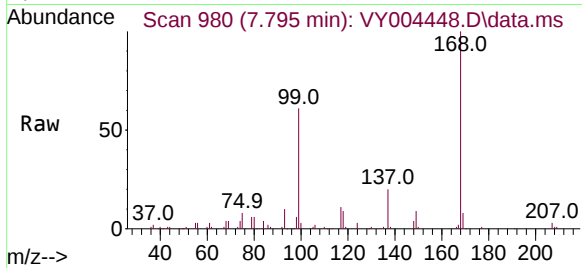
Tgt Ion: 43 Resp: 484
Ion Ratio Lower Upper
43 100
72 0.0 20.2 30.2#



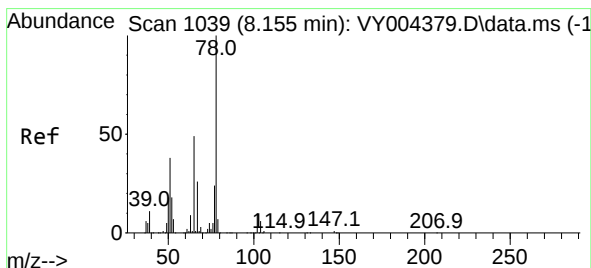
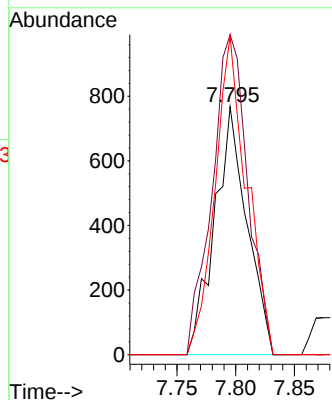
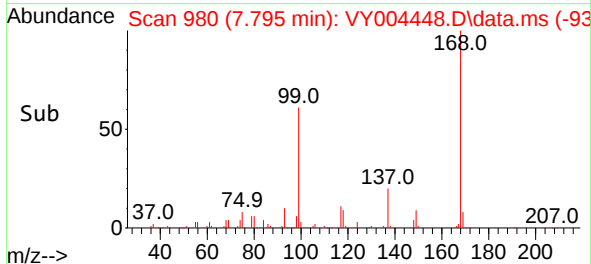


#31
Cyclohexane
Concen: 1.30 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY004448.D
Acq: 15 Apr 2021 18:04

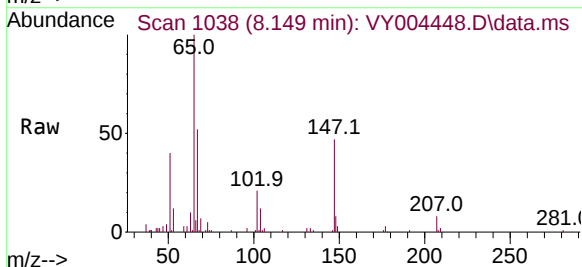
Instrument :
MSVOA_Y
ClientSampled :



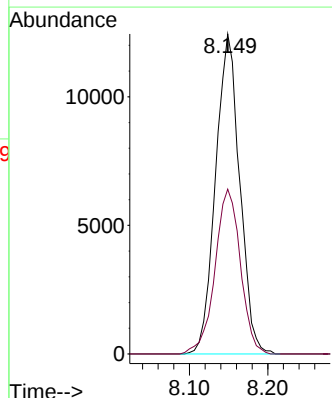
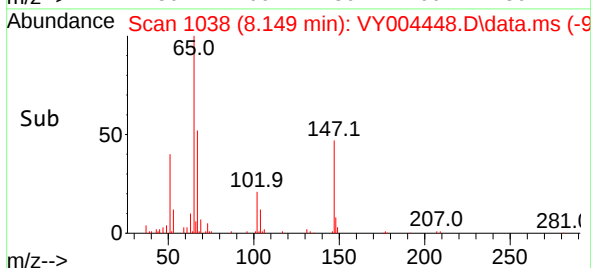
Tgt Ion: 56 Resp: 1477
Ion Ratio Lower Upper
56 100
69 129.0 25.8 38.6#
84 128.4 68.2 102.4#

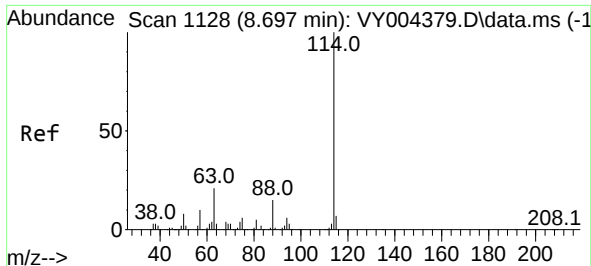


#33
1,2-Dichloroethane-d4
Concen: 42.79 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.006 min
Lab File: VY004448.D
Acq: 15 Apr 2021 18:04



Tgt Ion: 65 Resp: 26617
Ion Ratio Lower Upper
65 100
67 54.3 0.0 106.4

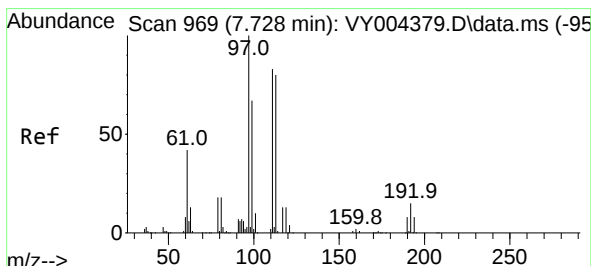
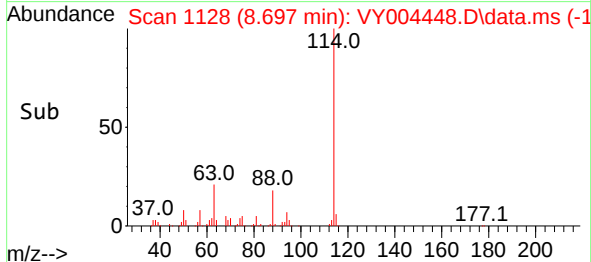
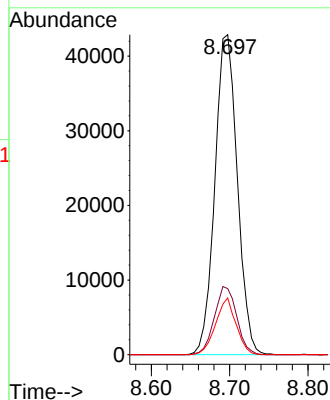
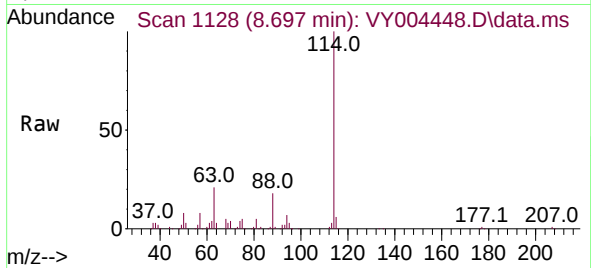




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY004448.D
Acq: 15 Apr 2021 18:04

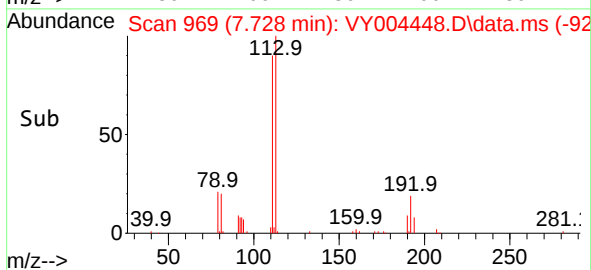
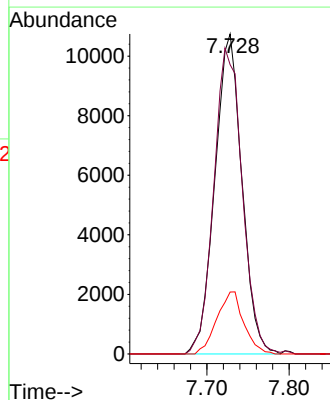
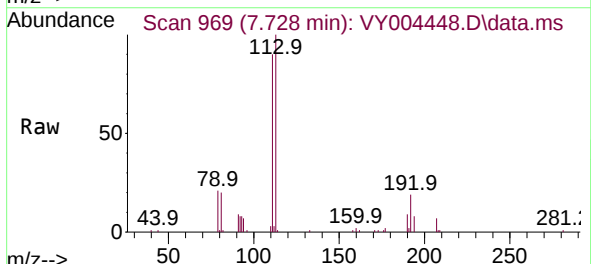
Instrument :
MSVOA_Y
ClientSampled :

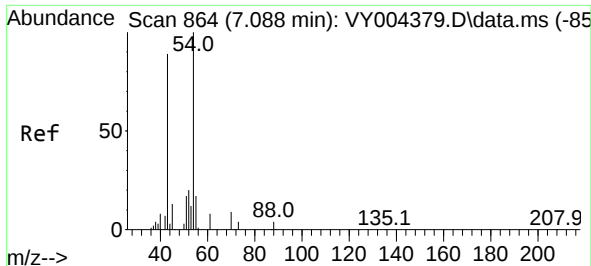
Tgt Ion:114	Resp:	85511
Ion Ratio	Lower	Upper
114	100	
63	20.6	0.0 42.4
88	17.7	0.0 30.8



#35
Dibromofluoromethane
Concen: 51.85 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.000 min
Lab File: VY004448.D
Acq: 15 Apr 2021 18:04

Tgt Ion:113	Resp:	24607
Ion Ratio	Lower	Upper
113	100	
111	100.5	82.6 123.8
192	19.3	16.1 24.1





#37

Ethyl Acetate

Concen: 1.22 ug/l

RT: 7.100 min Scan# 866

Delta R.T. 0.013 min

Lab File: VY004448.D

Acq: 15 Apr 2021 18:04

Tgt Ion: 43 Resp: 670

Ion Ratio Lower Upper

43 100

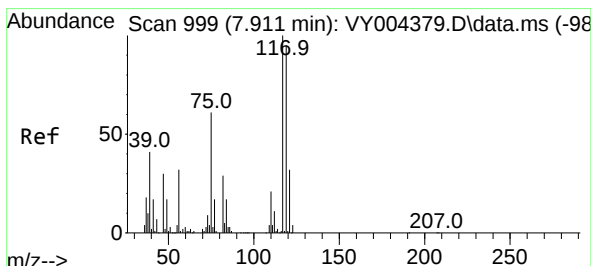
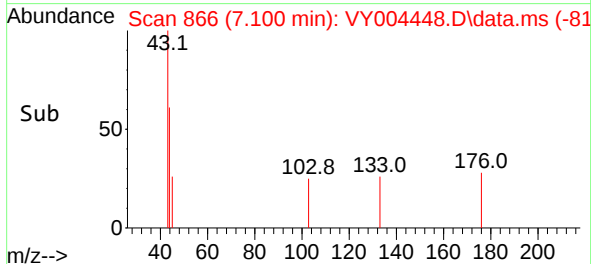
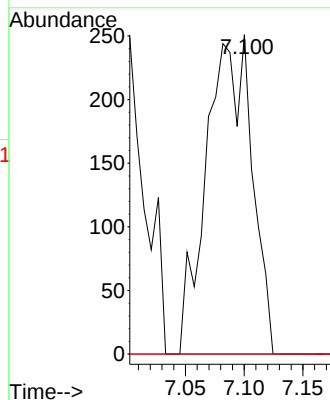
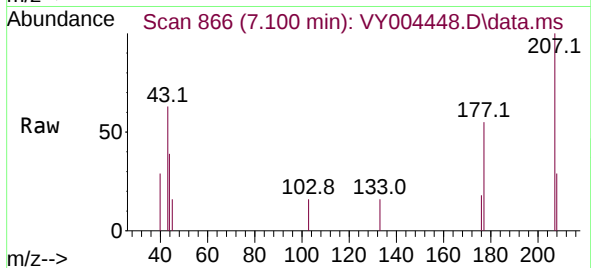
61 0.0 10.4 15.6#

70 0.0 7.5 11.3#

Instrument :

MSVOA_Y

ClientSampled :



#38

Carbon Tetrachloride

Concen: 7.78 ug/l

RT: 7.789 min Scan# 979

Delta R.T. -0.122 min

Lab File: VY004448.D

Acq: 15 Apr 2021 18:04

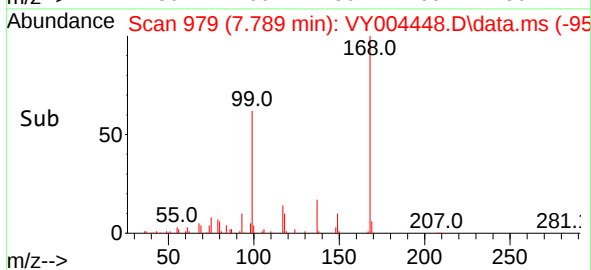
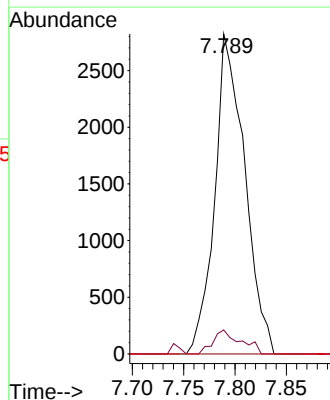
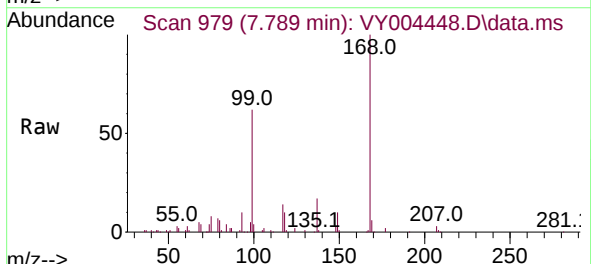
Tgt Ion: 117 Resp: 5718

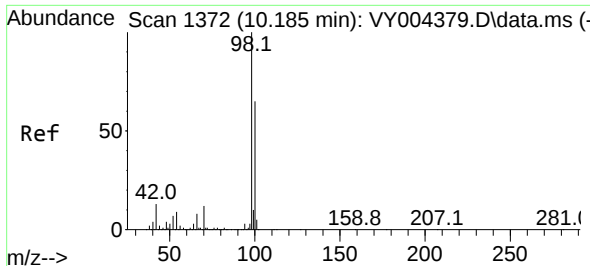
Ion Ratio Lower Upper

117 100

119 7.5 75.8 113.8#

121 0.0 25.3 37.9#

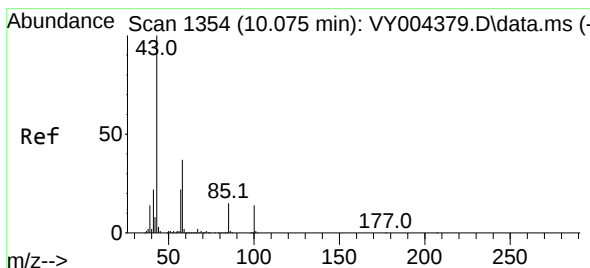
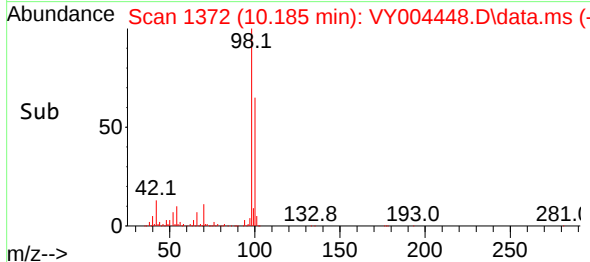
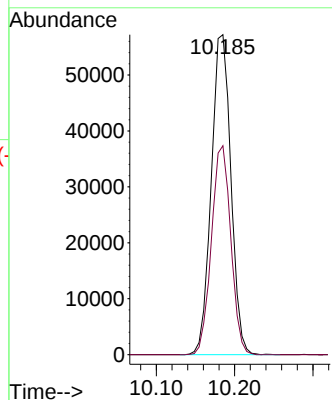
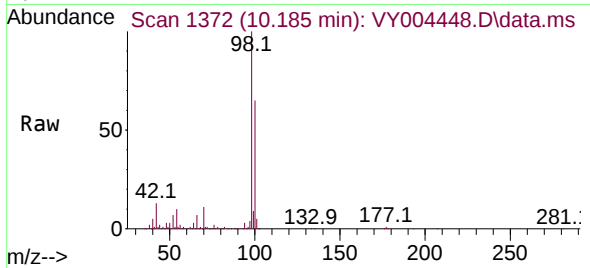




#50
Toluene-d8
Concen: 49.27 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY004448.D
Acq: 15 Apr 2021 18:04

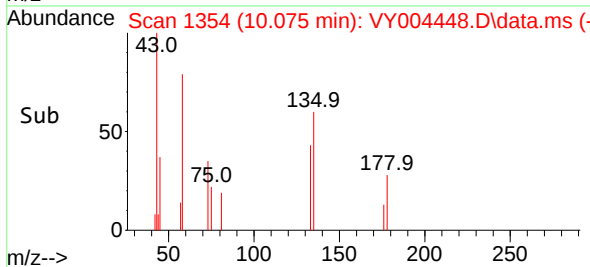
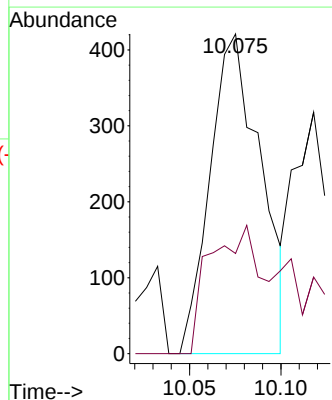
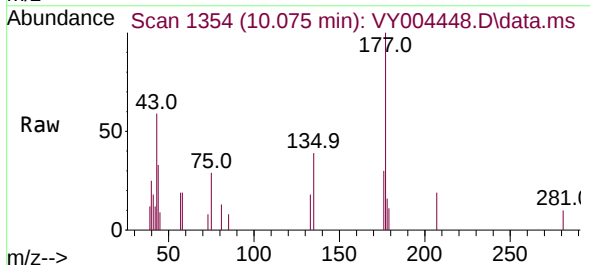
Instrument :
MSVOA_Y
ClientSampled :

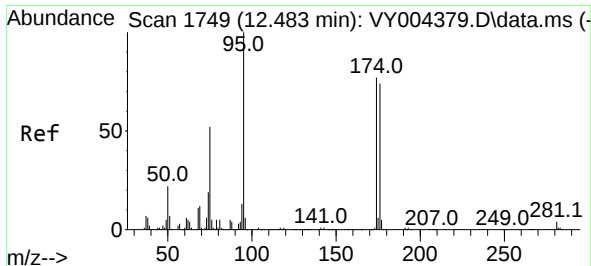
Tgt Ion: 98 Resp: 99451
Ion Ratio Lower Upper
98 100
100 64.5 51.8 77.6



#51
4-Methyl-2-Pentanone
Concen: 1.52 ug/l
RT: 10.075 min Scan# 1354
Delta R.T. 0.000 min
Lab File: VY004448.D
Acq: 15 Apr 2021 18:04

Tgt Ion: 43 Resp: 812
Ion Ratio Lower Upper
43 100
58 40.5 29.2 43.8

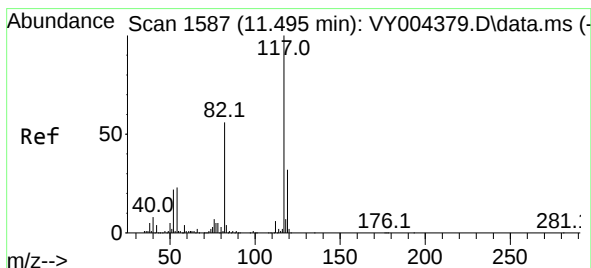
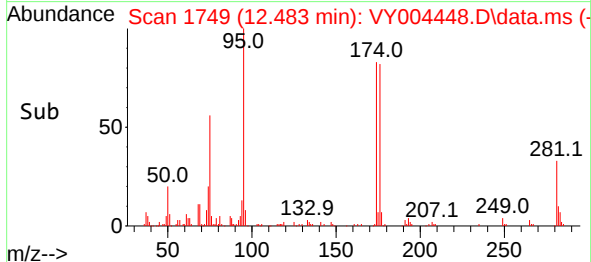
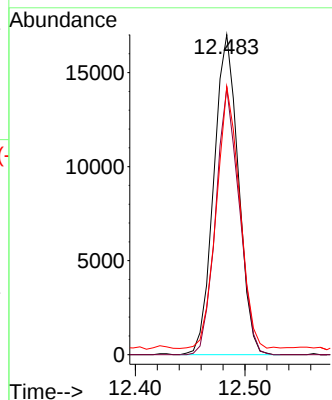
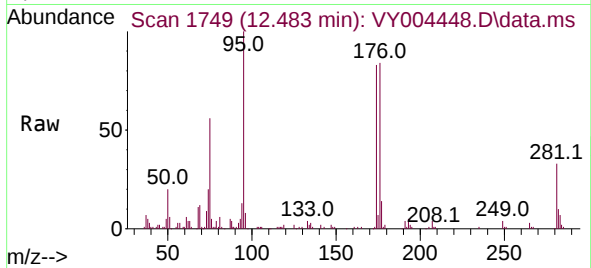




#62
4-Bromofluorobenzene
Concen: 38.64 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY004448.D
Acq: 15 Apr 2021 18:04

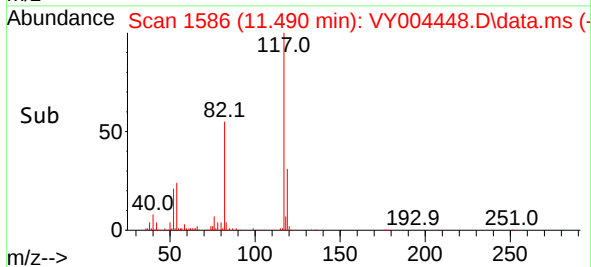
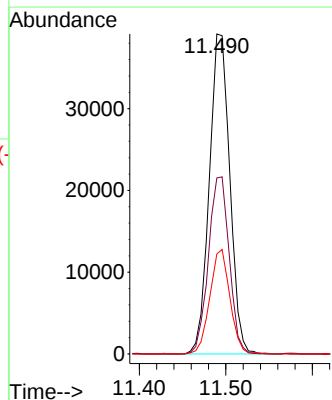
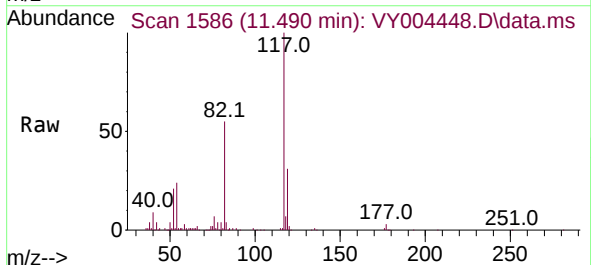
Instrument :
MSVOA_Y
ClientSampled :

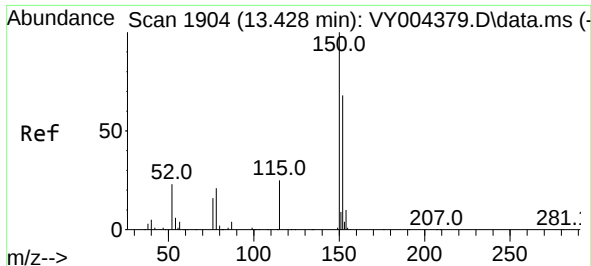
Tgt Ion: 95 Resp: 26469
Ion Ratio Lower Upper
95 100
174 79.8 0.0 162.4
176 77.9 0.0 156.0



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VY004448.D
Acq: 15 Apr 2021 18:04

Tgt Ion: 117 Resp: 64308
Ion Ratio Lower Upper
117 100
82 55.0 44.9 67.3
119 31.3 25.4 38.0

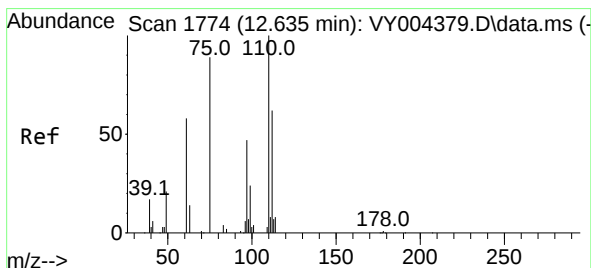
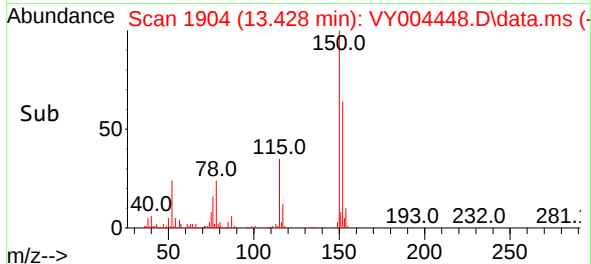
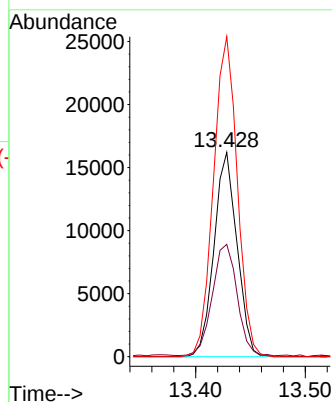
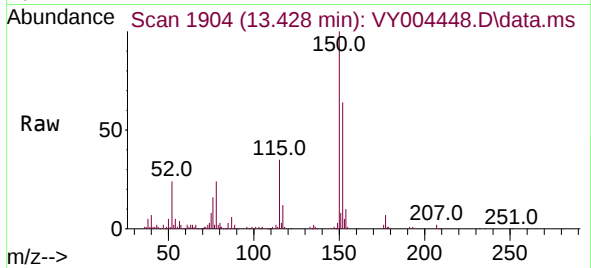




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY004448.D
Acq: 15 Apr 2021 18:04

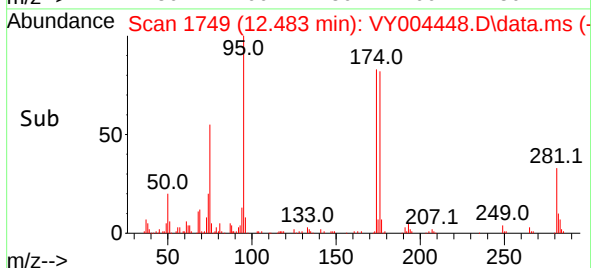
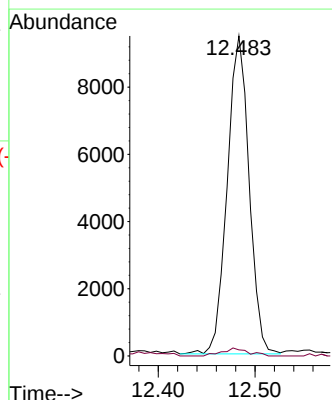
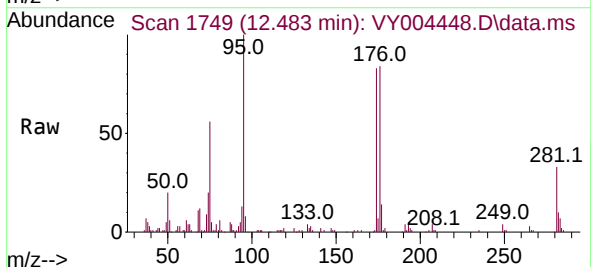
Instrument :
MSVOA_Y
ClientSampleId :

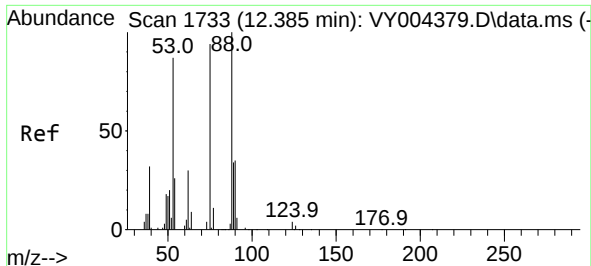
Tgt Ion:152 Resp: 23653
Ion Ratio Lower Upper
152 100
115 58.3 29.6 88.8
150 161.8 0.0 348.4



#76
1,2,3-Trichloropropane
Concen: 58.57 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY004448.D
Acq: 15 Apr 2021 18:04

Tgt Ion: 75 Resp: 14870
Ion Ratio Lower Upper
75 100
77 2.9 0.0 0.0#

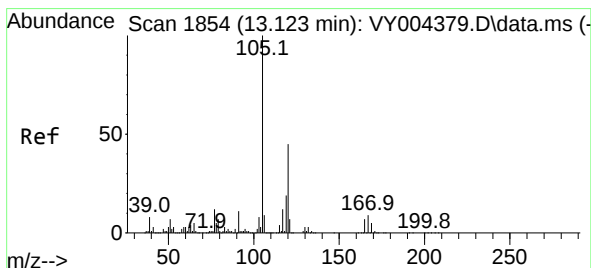
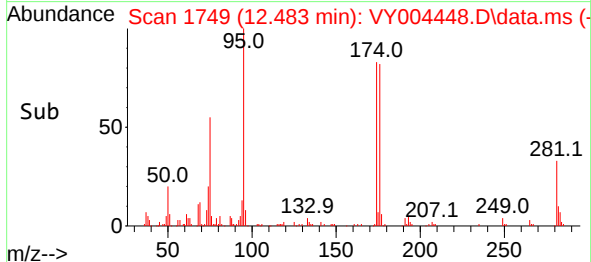
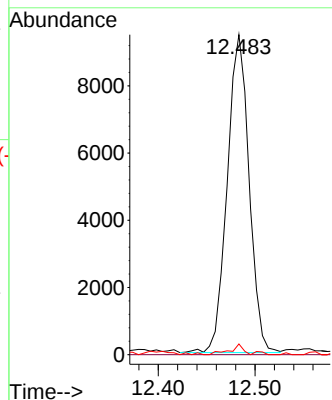
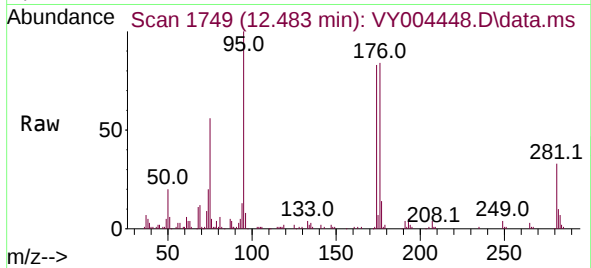




#81
trans-1,4-Dichloro-2-butene
Concen: 104.79 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.098 min
Lab File: VY004448.D
Acq: 15 Apr 2021 18:04

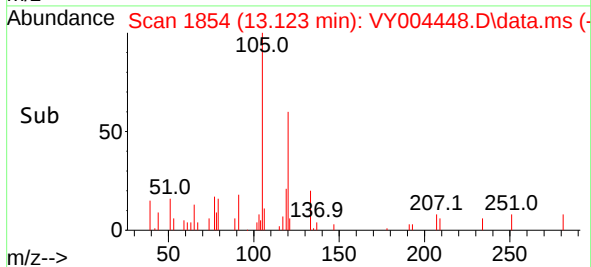
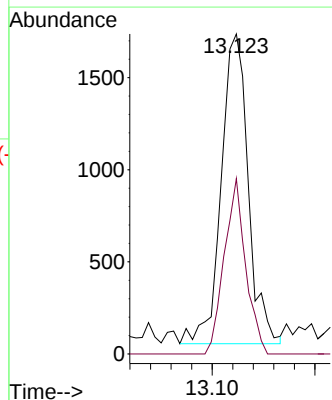
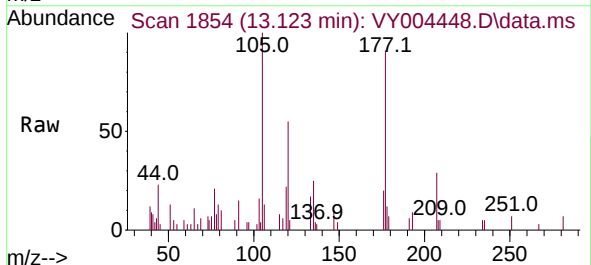
Instrument :
MSVOA_Y
ClientSampled :

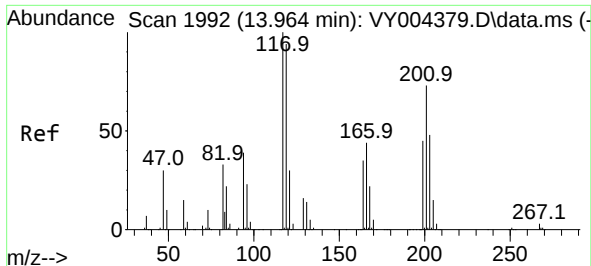
Tgt Ion: 75 Resp: 14870
Ion Ratio Lower Upper
75 100
53 0.0 75.0 112.6#
89 2.0 36.1 54.1#



#84
1,2,4-Trimethylbenzene
Concen: 2.05 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. 0.000 min
Lab File: VY004448.D
Acq: 15 Apr 2021 18:04

Tgt Ion: 105 Resp: 3069
Ion Ratio Lower Upper
105 100
120 44.7 22.4 67.3

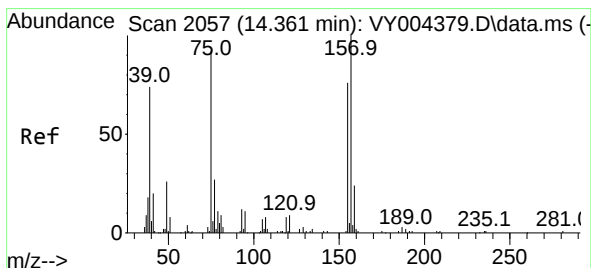
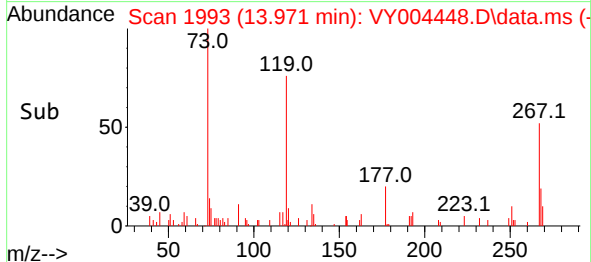
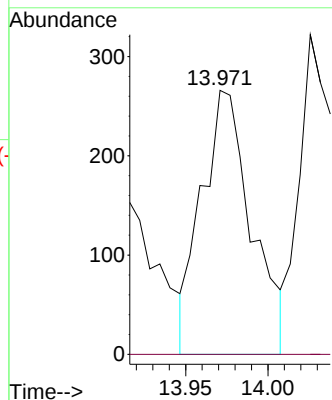
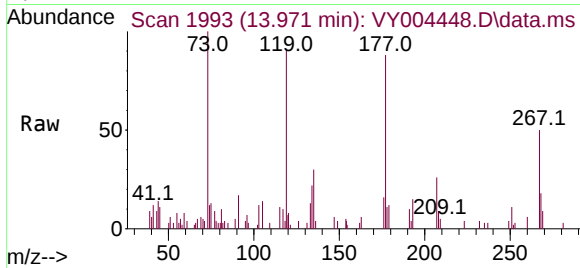




#90
Hexachloroethane
Concen: 2.59 ug/l
RT: 13.971 min Scan# 1993
Delta R.T. 0.006 min
Lab File: VY004448.D
Acq: 15 Apr 2021 18:04

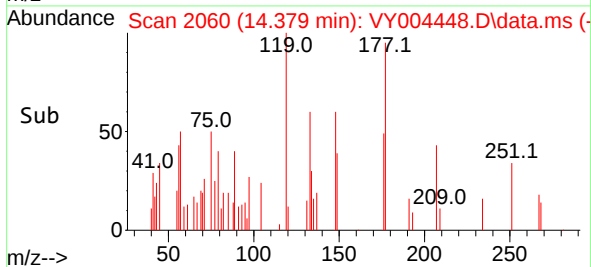
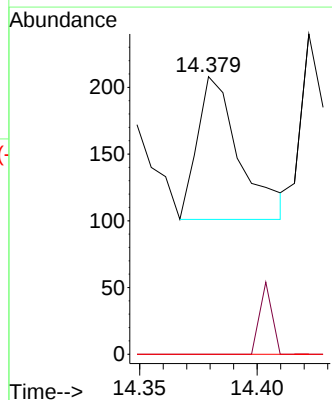
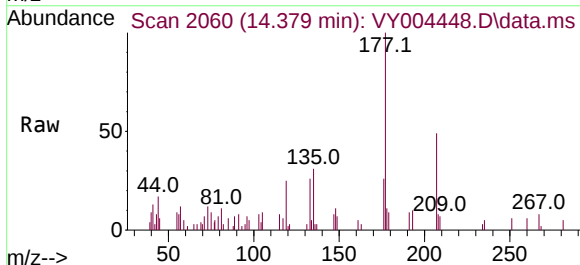
Instrument :
MSVOA_Y
ClientSampleId :

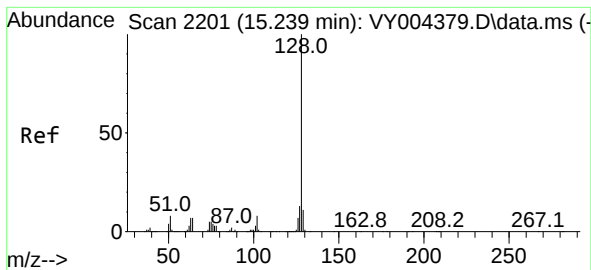
Tgt Ion:117 Resp: 561
Ion Ratio Lower Upper
117 100
201 0.0 36.6 109.9#



#92
1,2-Dibromo-3-Chloropropane
Concen: 2.16 ug/l
RT: 14.379 min Scan# 2060
Delta R.T. 0.019 min
Lab File: VY004448.D
Acq: 15 Apr 2021 18:04

Tgt Ion: 75 Resp: 134
Ion Ratio Lower Upper
75 100
155 0.0 40.6 121.8#
157 0.0 53.0 159.0#





#95
Naphthalene
Concen: 4.03 ug/l
RT: 15.239 min Scan# 2201
Delta R.T. 0.000 min
Lab File: VY004448.D
Acq: 15 Apr 2021 18:04

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:	128	Resp:	3932
Ion	Ratio	Lower	Upper
128	100		
127	14.7	10.2	15.2
129	12.1	8.8	13.2

