

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070221\
 Data File : VY005340.D
 Acq On : 02 Jul 2021 13:55
 Operator : SY/MD
 Sample : M2913-03
 Misc : 6.77G/5ML/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 D-2700

Quant Time: Jul 05 01:05:01 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062221S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 23 07:57:52 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	175975	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	286213	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	278508	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	144914	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	104563	71.602	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	143.200%
35) Dibromofluoromethane	7.728	113	92168	54.603	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	109.200%
50) Toluene-d8	10.185	98	338356	50.125	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	100.240%
62) 4-Bromofluorobenzene	12.483	95	120541	53.588	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	107.180%

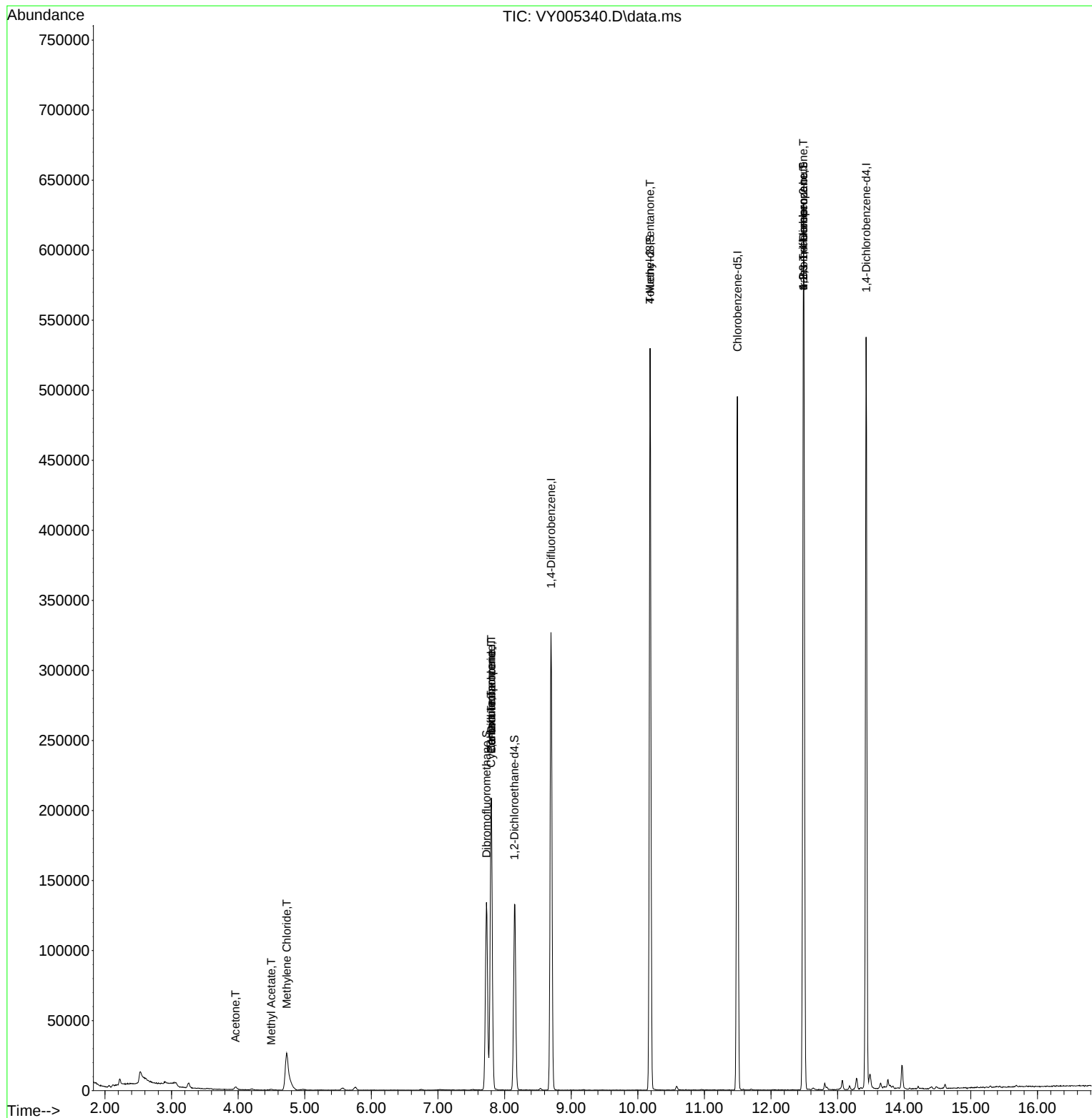
Target Compounds					Qvalue	
11) Tert butyl alcohol	4.966	59	1482	Below Cal	#	77
16) Acetone	3.960	43	3758	11.140	ug/l	95
18) Methyl Acetate	4.497	43	1199	1.337	ug/l	91
20) Methylene Chloride	4.728	84	19945	2.886	ug/l	88
31) Cyclohexane	7.795	56	3093	1.186	ug/l	# 19
36) 1,1-Dichloropropene	7.801	75	11505	4.565	ug/l	# 47
38) Carbon Tetrachloride	7.801	117	15130	5.735	ug/l	# 17
51) 4-Methyl-2-Pentanone	10.185	43	1297	1.037	ug/l	# 1
76) 1,2,3-Trichloropropane	12.483	75	61617	47.943	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.483	75	61617	89.450	ug/l	# 18

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

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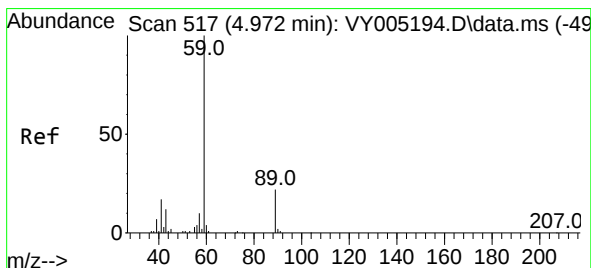
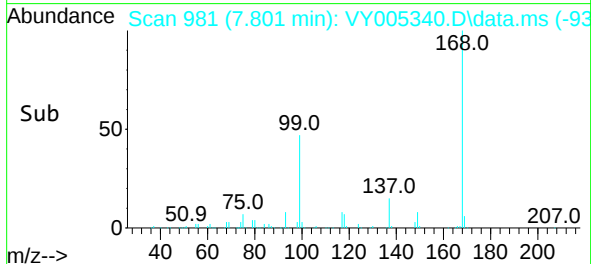
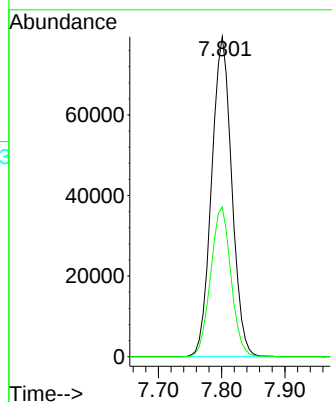
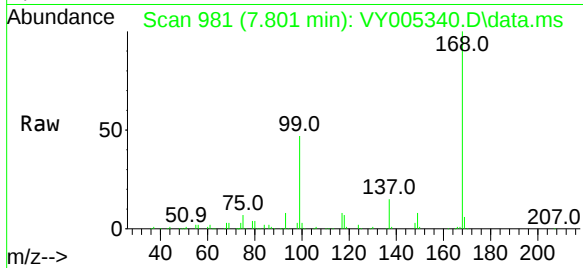




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY005340.D
Acq: 02 Jul 2021 13:55

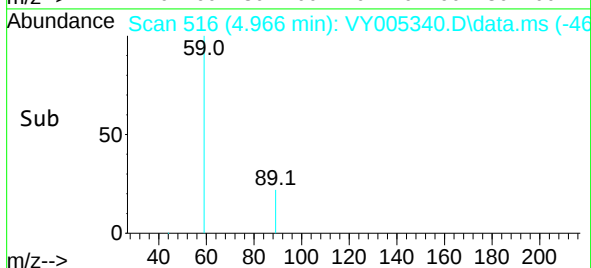
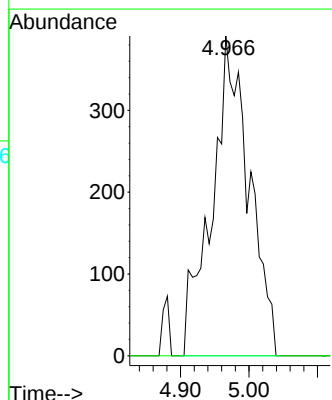
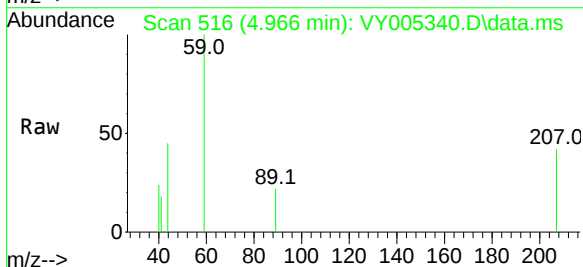
Instrument :
MSVOA_Y
ClientSampleId :
D-2700

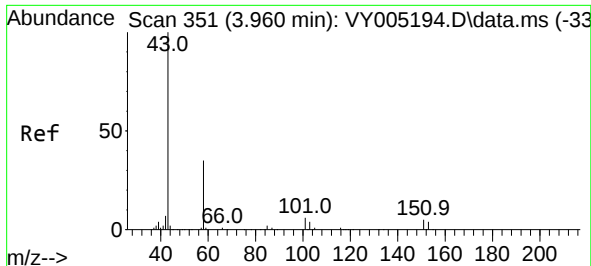
Tgt Ion:168 Resp: 175975
Ion Ratio Lower Upper
168 100
99 46.8 36.2 54.4



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.966 min Scan# 516
Delta R.T. -0.006 min
Lab File: VY005340.D
Acq: 02 Jul 2021 13:55

Tgt Ion: 59 Resp: 1482
Ion Ratio Lower Upper
59 100
57 0.0 6.5 9.7#

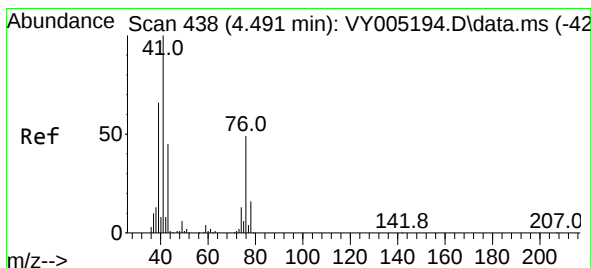
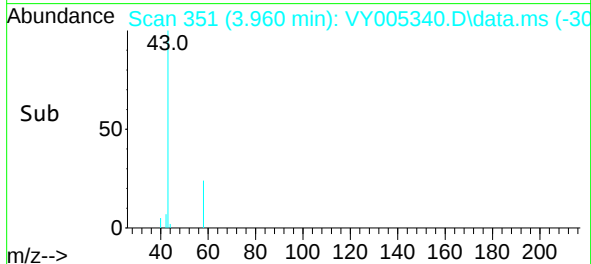
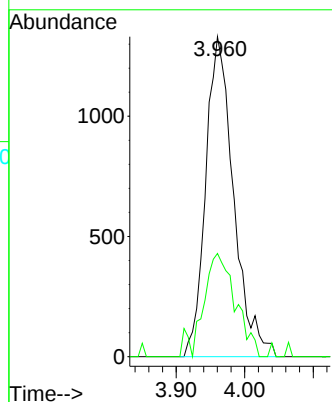
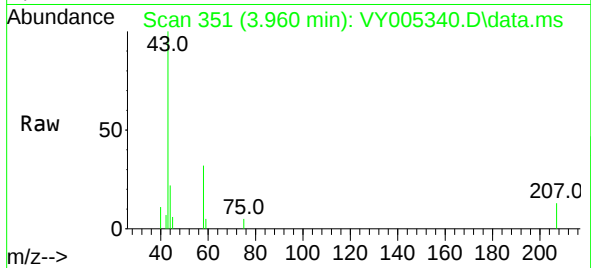




#16
Acetone
Concen: 11.140 ug/l
RT: 3.960 min Scan# 351
Delta R.T. -0.000 min
Lab File: VY005340.D
Acq: 02 Jul 2021 13:55

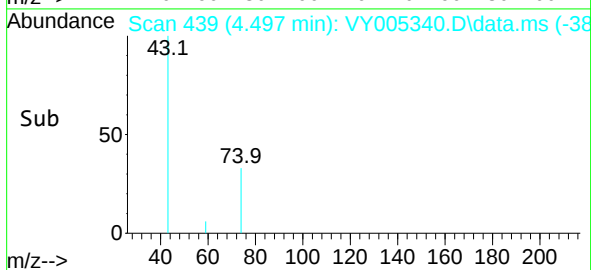
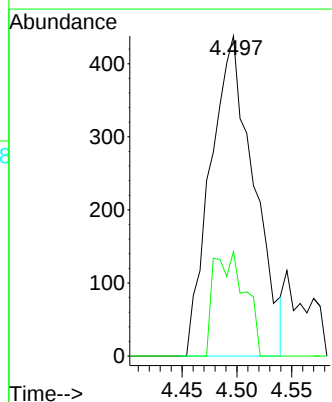
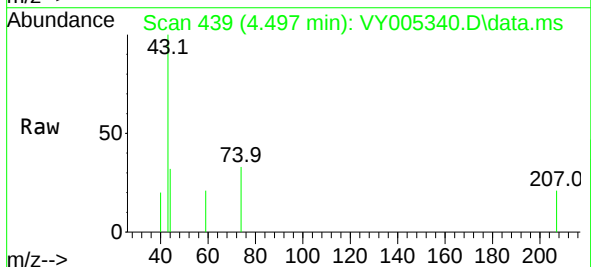
Instrument :
MSVOA_Y
ClientSampled :
D-2700

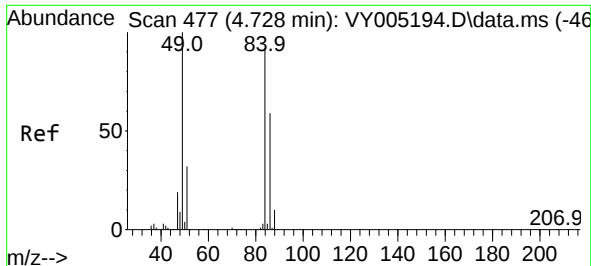
Tgt Ion: 43 Resp: 3758
Ion Ratio Lower Upper
43 100
58 32.2 28.2 42.2



#18
Methyl Acetate
Concen: 1.337 ug/l
RT: 4.497 min Scan# 439
Delta R.T. 0.006 min
Lab File: VY005340.D
Acq: 02 Jul 2021 13:55

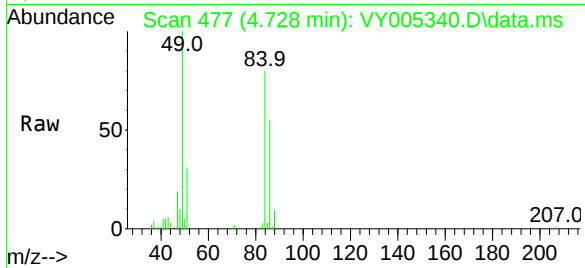
Tgt Ion: 43 Resp: 1199
Ion Ratio Lower Upper
43 100
74 23.6 22.5 33.7



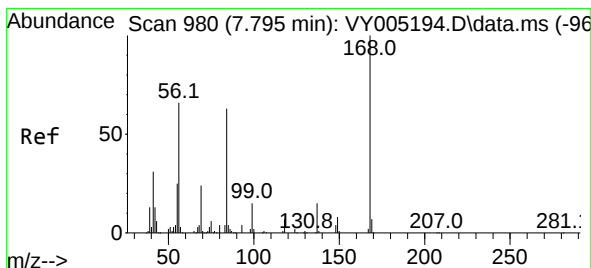
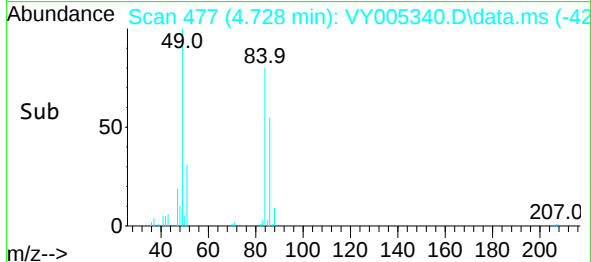
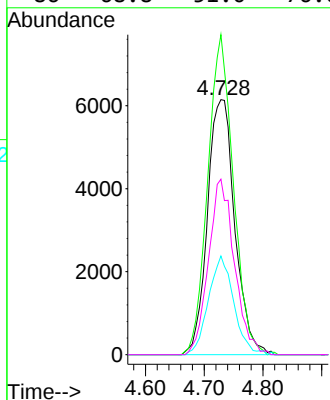


#20
Methylene Chloride
Concen: 2.886 ug/l
RT: 4.728 min Scan# 477
Delta R.T. 0.000 min
Lab File: VY005340.D
Acq: 02 Jul 2021 13:55

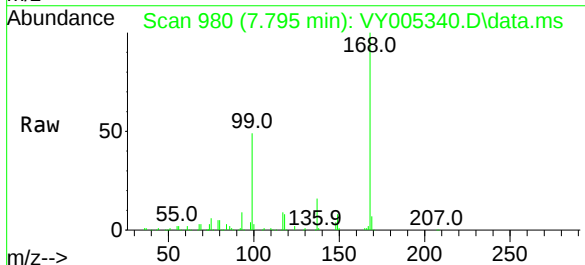
Instrument :
MSVOA_Y
ClientSampleId :
D-2700



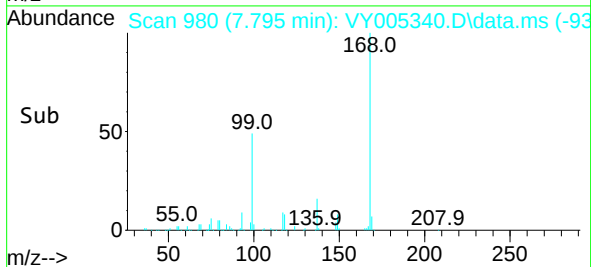
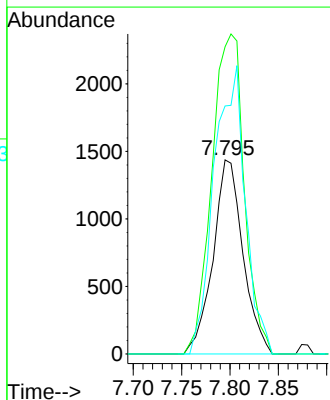
Tgt Ion:	84	Resp:	19945
Ion	Ratio	Lower	Upper
84	100		
49	125.5	86.9	130.3
51	38.7	27.4	41.2
86	68.8	51.0	76.6

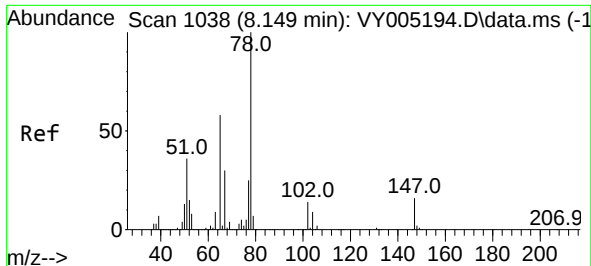


#31
Cyclohexane
Concen: 1.186 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.000 min
Lab File: VY005340.D
Acq: 02 Jul 2021 13:55



Tgt Ion:	56	Resp:	3093
Ion	Ratio	Lower	Upper
56	100		
69	158.2	29.6	44.4#
84	127.7	76.4	114.6#





#33

1,2-Dichloroethane-d4

Concen: 71.602 ug/l

RT: 8.149 min Scan# 1038

Delta R.T. -0.000 min

Lab File: VY005340.D

Acq: 02 Jul 2021 13:55

Tgt Ion: 65 Resp: 104563

Ion Ratio Lower Upper

65 100

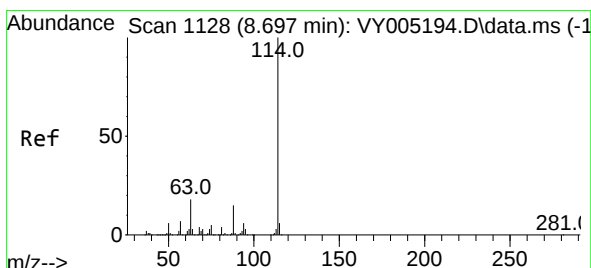
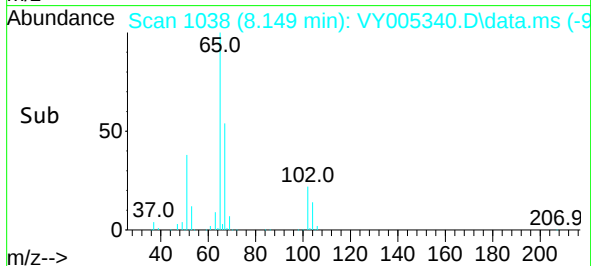
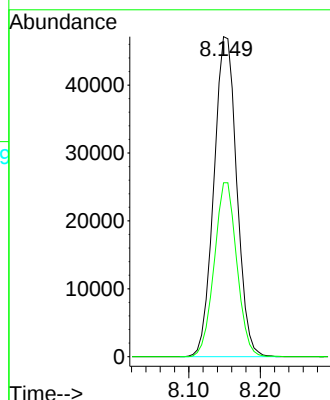
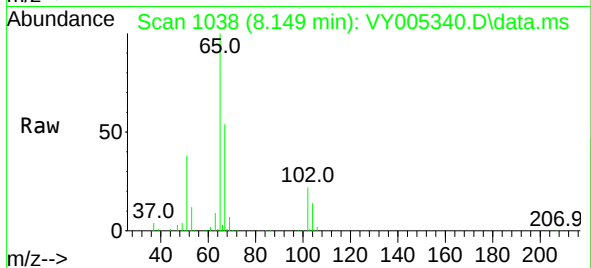
67 53.7 0.0 110.6

Instrument :

MSVOA_Y

ClientSampleId :

D-2700



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. -0.000 min

Lab File: VY005340.D

Acq: 02 Jul 2021 13:55

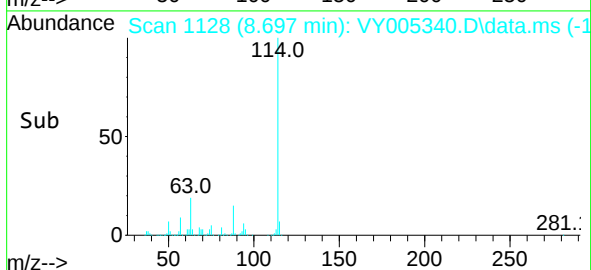
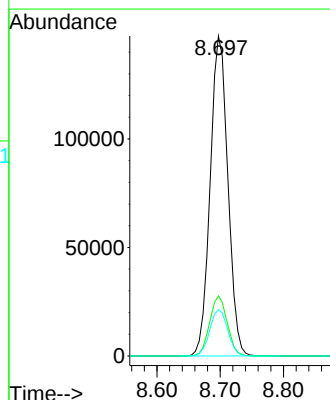
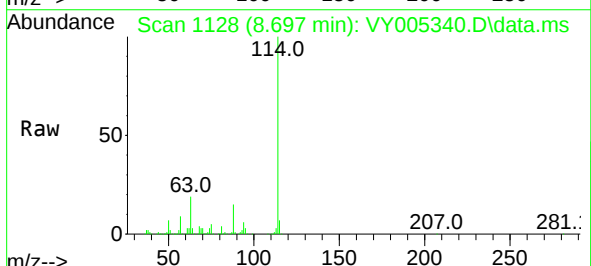
Tgt Ion: 114 Resp: 286213

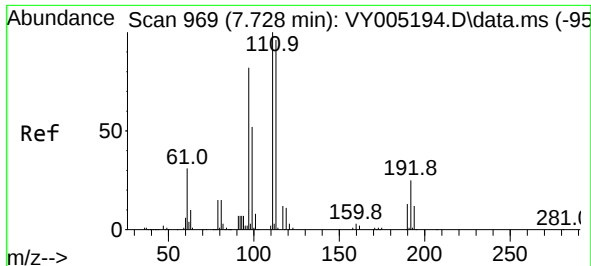
Ion Ratio Lower Upper

114 100

63 18.8 0.0 35.2

88 14.5 0.0 29.4

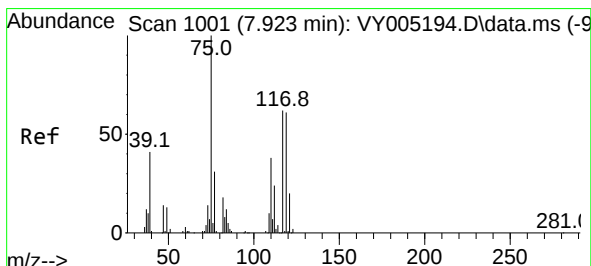
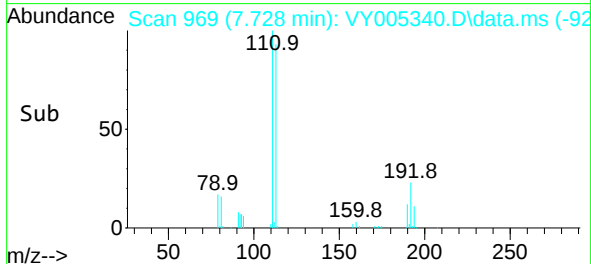
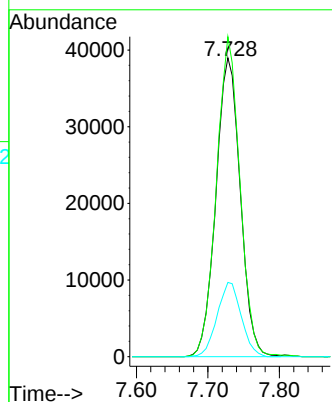
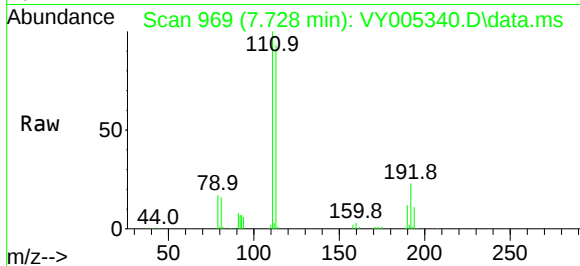




#35
Dibromofluoromethane
Concen: 54.603 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY005340.D
Acq: 02 Jul 2021 13:55

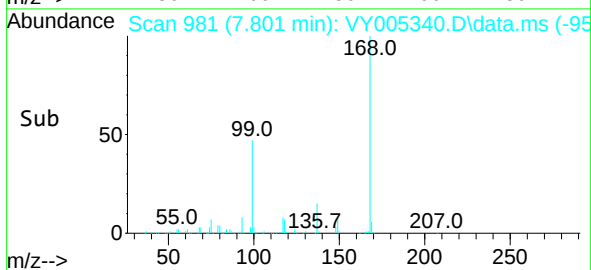
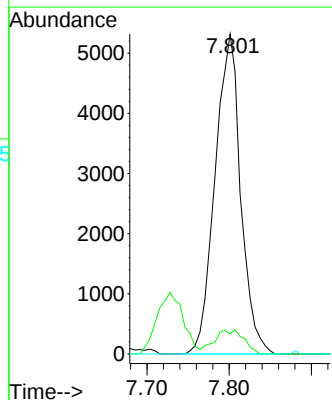
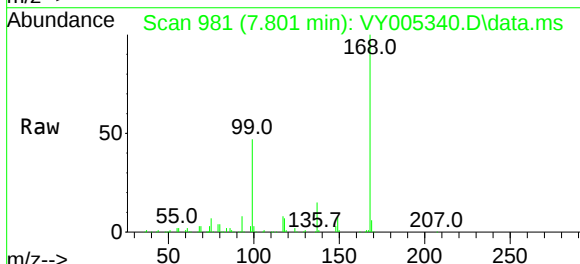
Instrument :
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D-2700

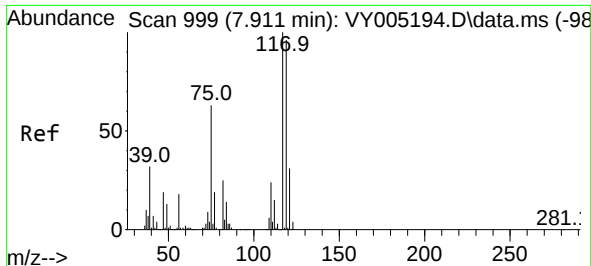
Tgt Ion:113 Resp: 92168
Ion Ratio Lower Upper
113 100
111 103.3 82.6 124.0
192 24.6 20.2 30.2



#36
1,1-Dichloropropene
Concen: 4.565 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.122 min
Lab File: VY005340.D
Acq: 02 Jul 2021 13:55

Tgt Ion: 75 Resp: 11505
Ion Ratio Lower Upper
75 100
110 8.6 19.1 57.5#
77 0.0 25.2 37.8#

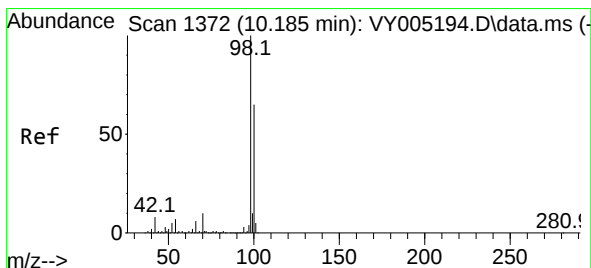
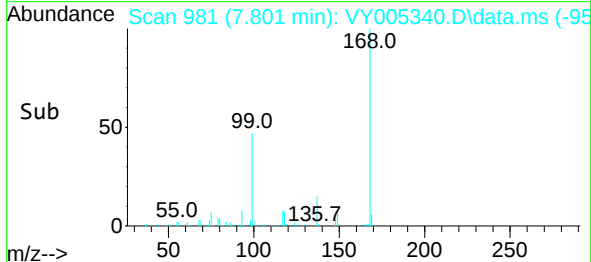
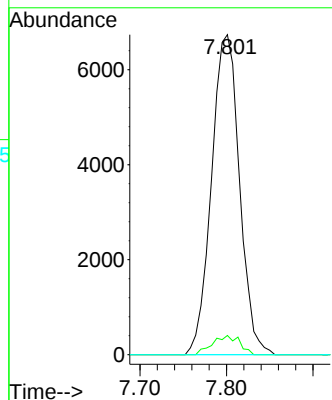
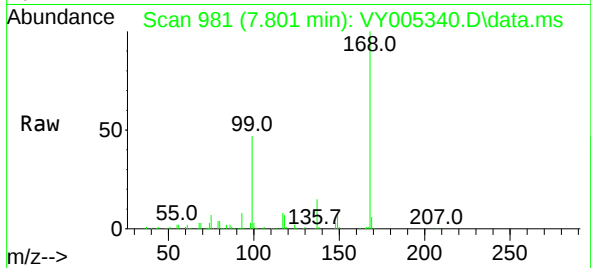




#38
Carbon Tetrachloride
Concen: 5.735 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.110 min
Lab File: VY005340.D
Acq: 02 Jul 2021 13:55

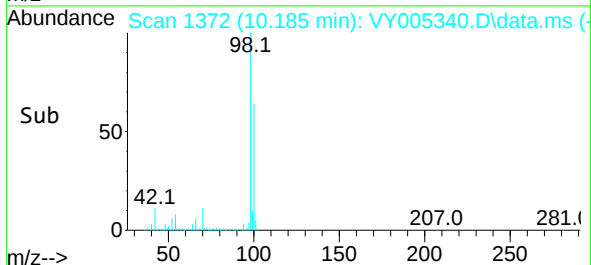
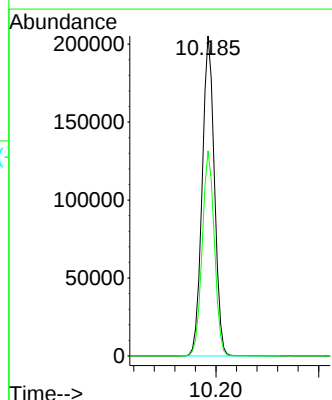
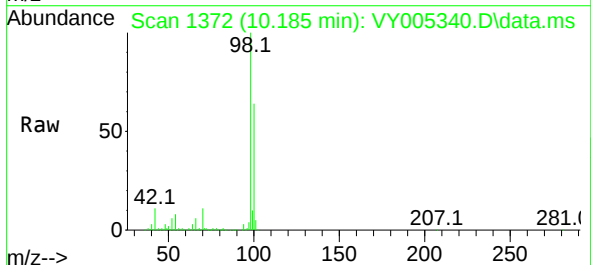
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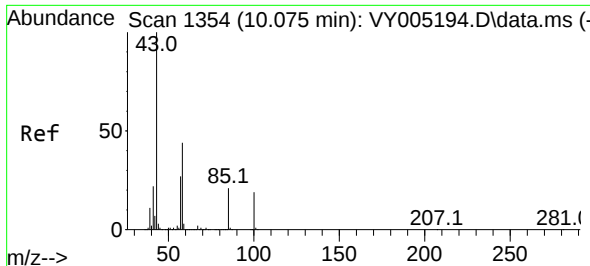
Tgt Ion:117 Resp: 15130
Ion Ratio Lower Upper
117 100
119 6.0 76.2 114.4#
121 0.0 24.7 37.1#



#50
Toluene-d8
Concen: 50.125 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY005340.D
Acq: 02 Jul 2021 13:55

Tgt Ion: 98 Resp: 338356
Ion Ratio Lower Upper
98 100
100 63.7 51.9 77.9

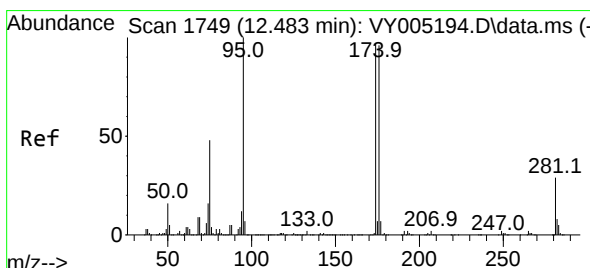
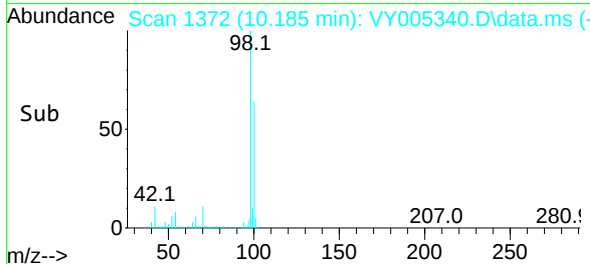
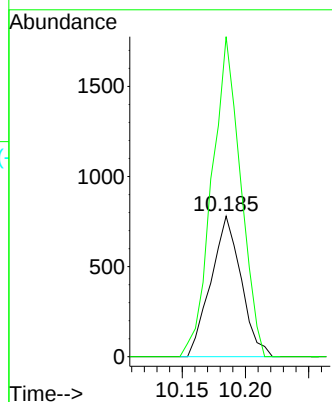
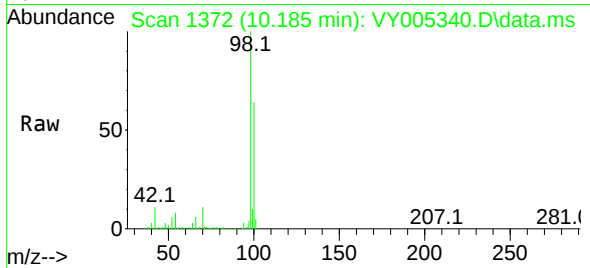




#51
4-Methyl-2-Pentanone
Concen: 1.037 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.110 min
Lab File: VY005340.D
Acq: 02 Jul 2021 13:55

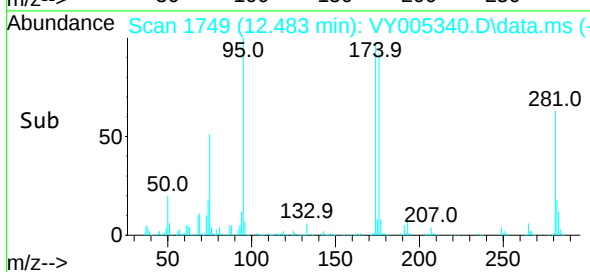
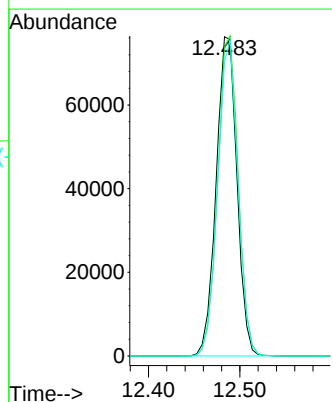
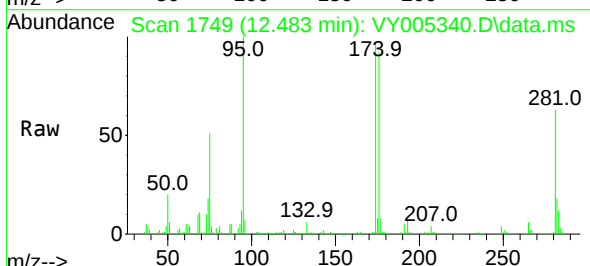
Instrument :
MSVOA_Y
ClientSampleId :
D-2700

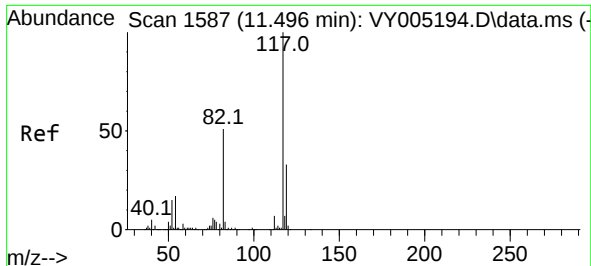
Tgt Ion: 43 Resp: 1297
Ion Ratio Lower Upper
43 100
58 216.0 35.3 52.9#



#62
4-Bromofluorobenzene
Concen: 53.588 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY005340.D
Acq: 02 Jul 2021 13:55

Tgt Ion: 95 Resp: 120541
Ion Ratio Lower Upper
95 100
174 99.4 0.0 201.6
176 95.9 0.0 197.4

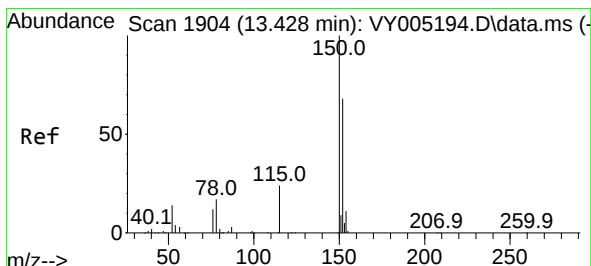
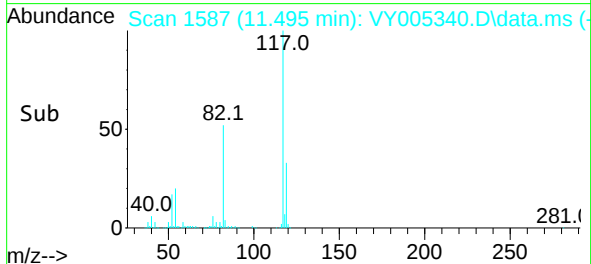
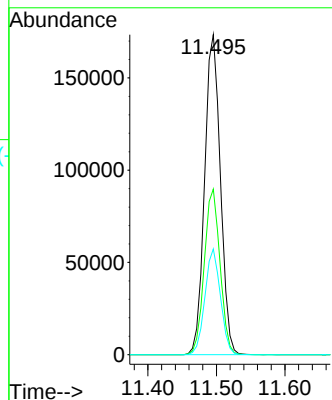
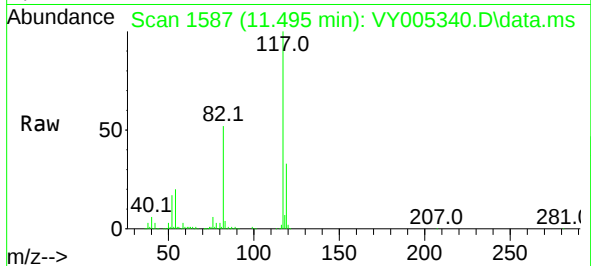




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY005340.D
Acq: 02 Jul 2021 13:55

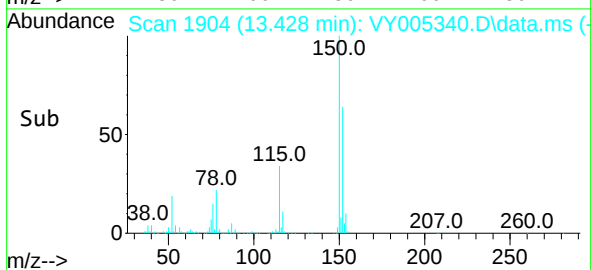
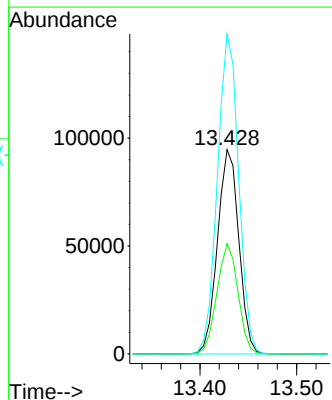
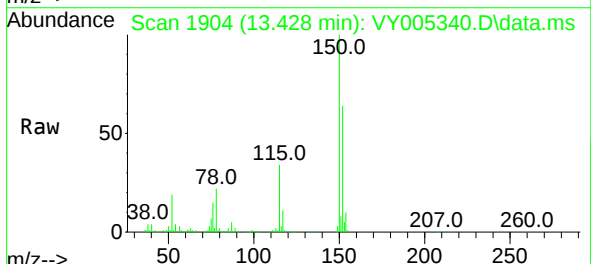
Instrument :
MSVOA_Y
ClientSampleId :
D-2700

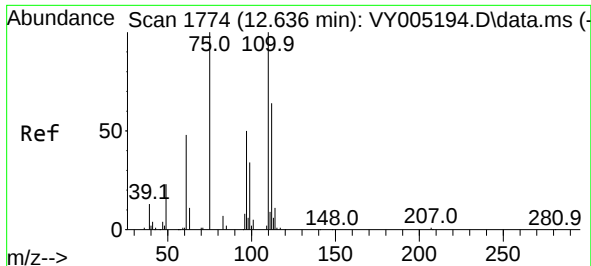
Tgt Ion:117 Resp: 278508
Ion Ratio Lower Upper
117 100
82 51.8 40.6 60.8
119 33.1 26.1 39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY005340.D
Acq: 02 Jul 2021 13:55

Tgt Ion:152 Resp: 144914
Ion Ratio Lower Upper
152 100
115 53.2 26.3 78.8
150 155.9 0.0 344.2

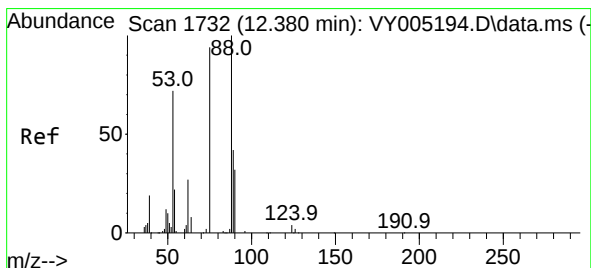
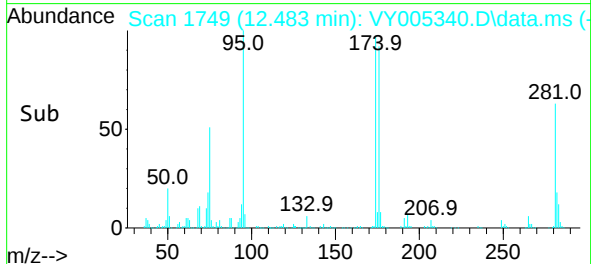
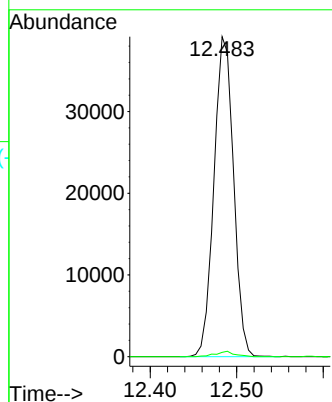
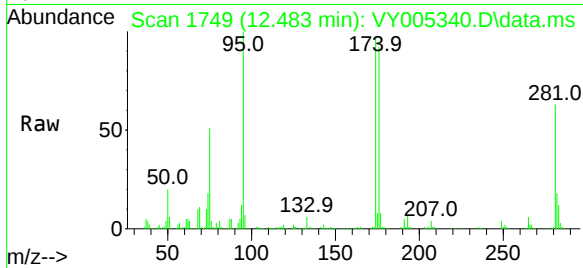




#76
1,2,3-Trichloropropane
Concen: 47.943 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY005340.D
Acq: 02 Jul 2021 13:55

Instrument :
MSVOA_Y
ClientSampled :
D-2700

Tgt Ion: 75 Resp: 61617
Ion Ratio Lower Upper
75 100
77 1.6 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 89.450 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY005340.D
Acq: 02 Jul 2021 13:55

Tgt Ion: 75 Resp: 61617
Ion Ratio Lower Upper
75 100
53 0.1 63.0 94.4#
89 1.1 38.0 57.0#

