

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041621\
 Data File : VY004459.D
 Acq On : 16 Apr 2021 10:41
 Operator : SY/MD
 Sample : VY0416SBL01
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0416SBL01

Quant Time: Apr 17 00:51:20 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)

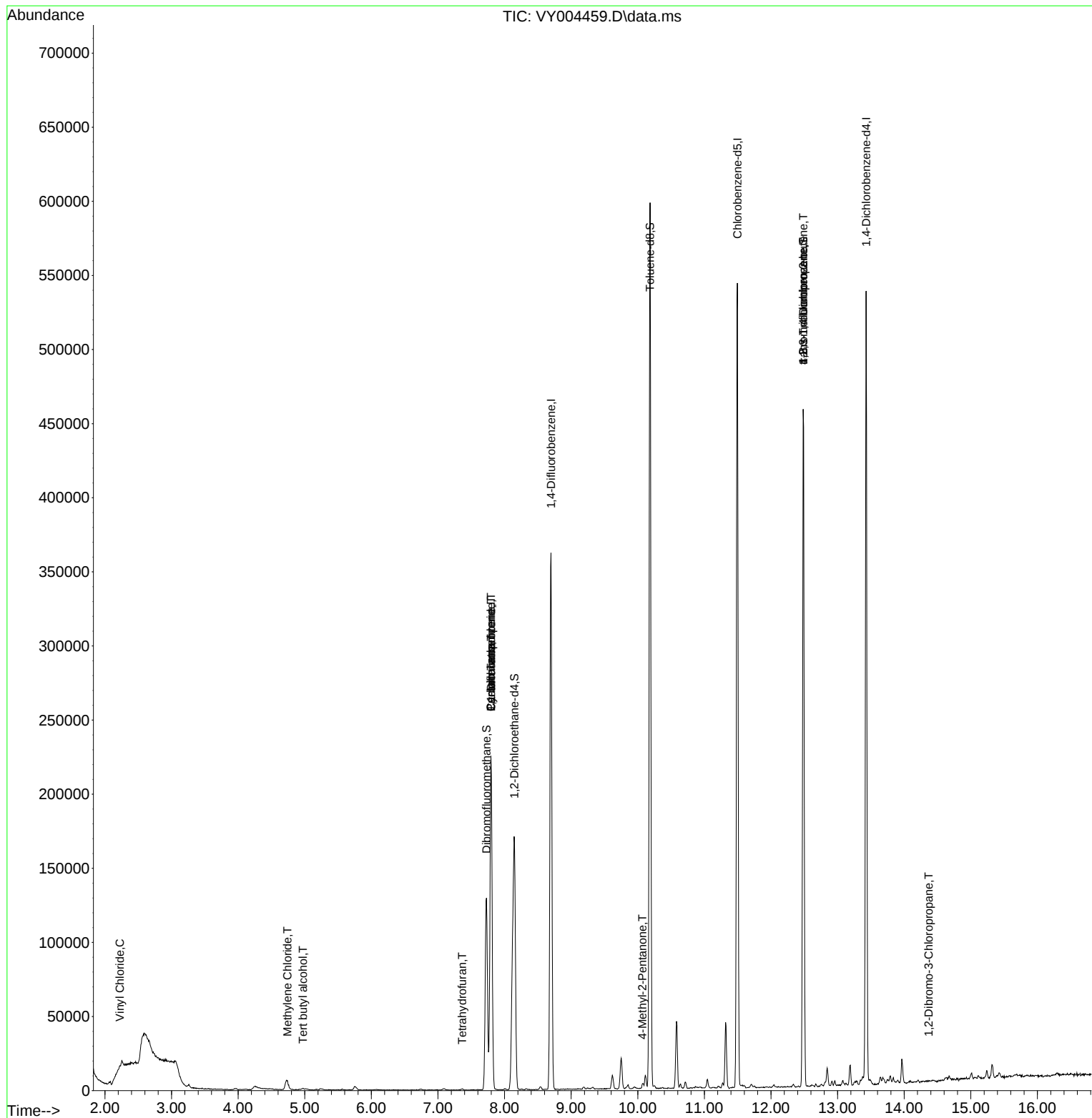
Internal Standards						
1) Pentafluorobenzene	7.795	168	172743	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	302308	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	284995	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	125854	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	106843	55.67	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 111.34%			
35) Dibromofluoromethane	7.728	113	92101	54.90	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 109.80%			
50) Toluene-d8	10.185	98	378988	53.11	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 106.22%			
62) 4-Bromofluorobenzene	12.483	95	125558	51.85	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 103.70%			
Target Compounds						Qvalue
4) Vinyl Chloride	2.223	62	7544	3.09	ug/l #	43
11) Tert butyl alcohol	4.973	59	1768	9.35	ug/l #	73
16) Acetone	3.967	43	1570	Below Cal	#	78
20) Methylene Chloride	4.741	84	4453	2.40	ug/l	88
29) Tetrahydrofuran	7.362	42	618	1.18	ug/l #	80
31) Cyclohexane	7.795	56	4485	1.27	ug/l #	6
36) 1,1-Dichloropropene	7.795	75	14095	4.69	ug/l #	50
38) Carbon Tetrachloride	7.795	117	17406	6.70	ug/l #	16
51) 4-Methyl-2-Pentanone	10.069	43	2468	1.31	ug/l	100
76) 1,2,3-Trichloropropane	12.483	75	69569	51.50	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	69569	92.13	ug/l #	12
92) 1,2-Dibromo-3-Chloropr...	14.367	75	405	1.23	ug/l #	2

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

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Misc : 5.00G/5ML/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0416SBL01

Quant Time: Apr 17 00:51:20 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

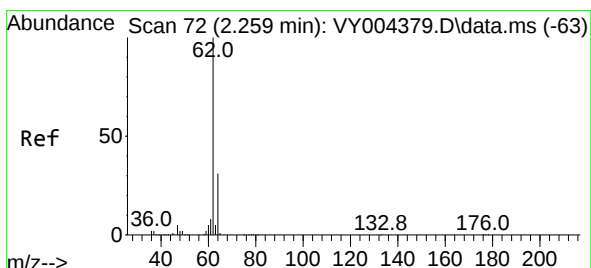
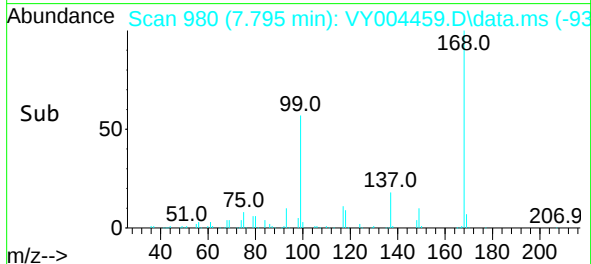
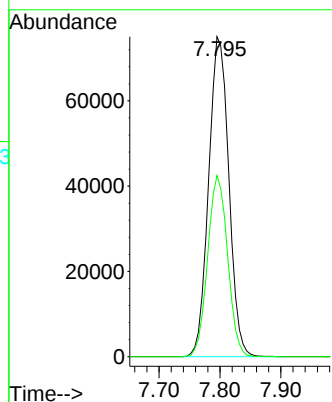
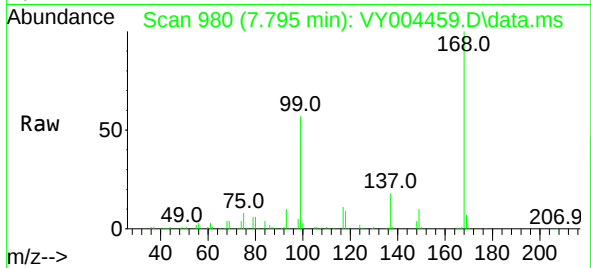




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.006 min
Lab File: VY004459.D
Acq: 16 Apr 2021 10:41

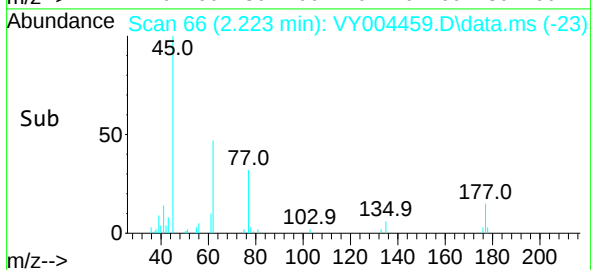
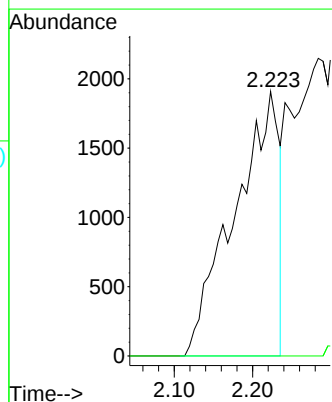
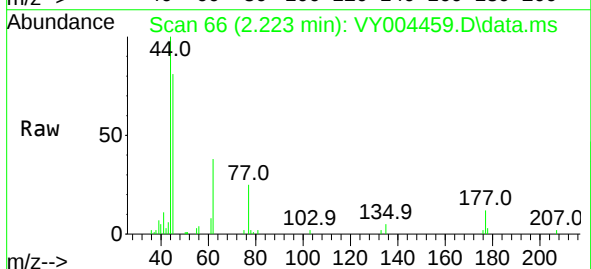
Instrument :
MSVOA_Y
ClientSampleId :
VY0416SBL01

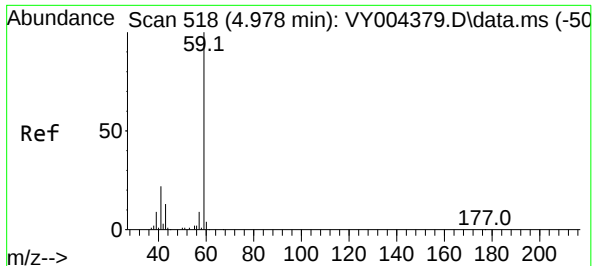
Tgt Ion:168 Resp: 172743
Ion Ratio Lower Upper
168 100
99 56.6 45.5 68.3



#4
Vinyl Chloride
Concen: 3.09 ug/l
RT: 2.223 min Scan# 66
Delta R.T. -0.036 min
Lab File: VY004459.D
Acq: 16 Apr 2021 10:41

Tgt Ion: 62 Resp: 7544
Ion Ratio Lower Upper
62 100
64 0.0 25.1 37.7#



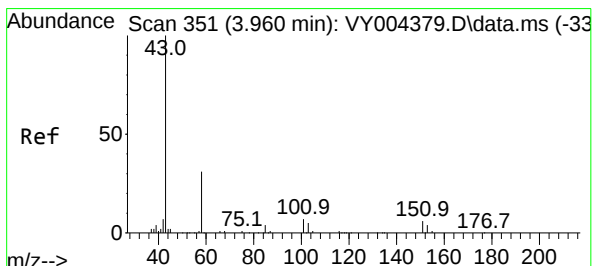
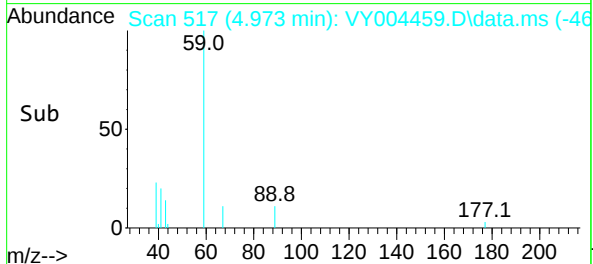
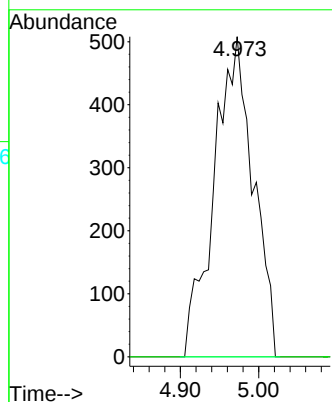
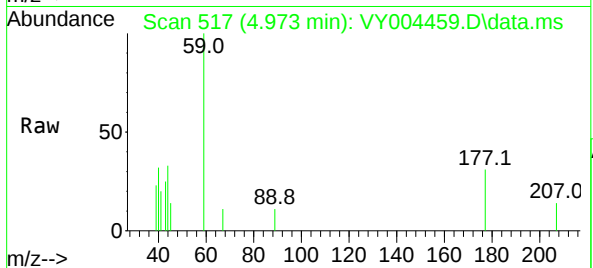


#11

Tert butyl alcohol
Concen: 9.35 ug/l
RT: 4.973 min Scan# 517
Delta R.T. -0.006 min
Lab File: VY004459.D
Acq: 16 Apr 2021 10:41

Instrument :
MSVOA_Y
ClientSampleId :
VY0416SBL01

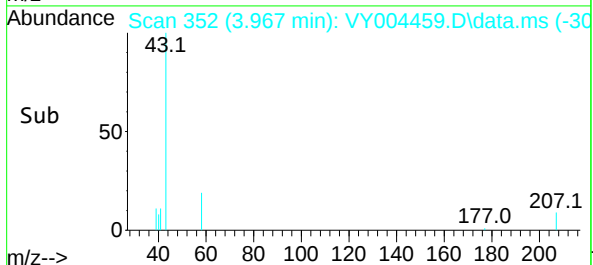
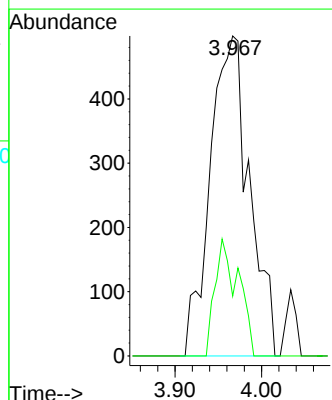
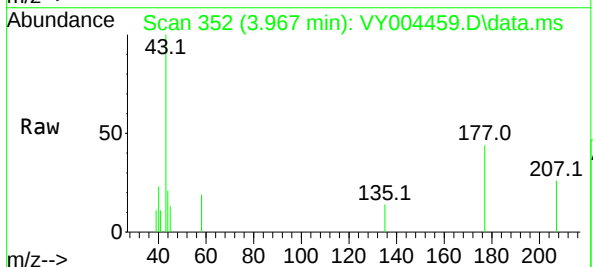
Tgt Ion: 59 Resp: 1768
Ion Ratio Lower Upper
59 100
57 0.0 8.1 12.1#

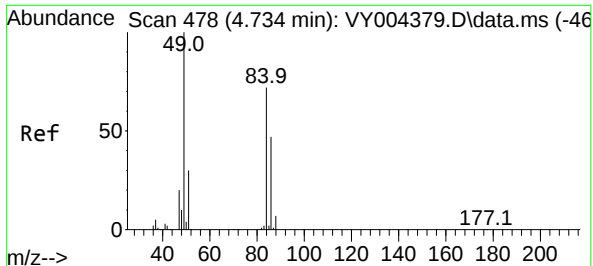


#16

Acetone
Concen: Below Cal
RT: 3.967 min Scan# 352
Delta R.T. 0.007 min
Lab File: VY004459.D
Acq: 16 Apr 2021 10:41

Tgt Ion: 43 Resp: 1570
Ion Ratio Lower Upper
43 100
58 18.7 24.6 37.0#





#20

Methylene Chloride

Concen: 2.40 ug/l

RT: 4.741 min Scan# 479

Delta R.T. 0.006 min

Lab File: VY004459.D

Acq: 16 Apr 2021 10:41

Tgt Ion: 84 Resp: 4453

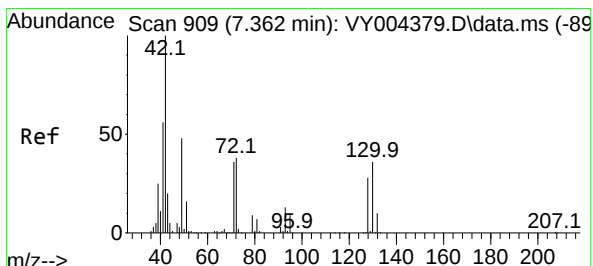
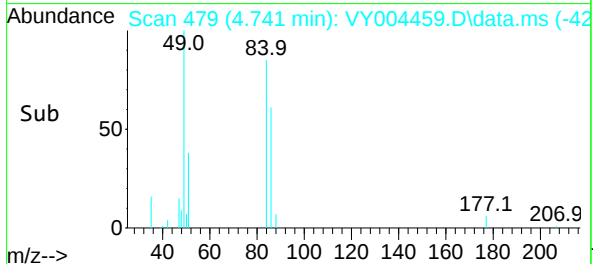
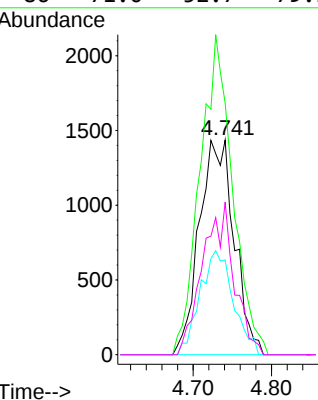
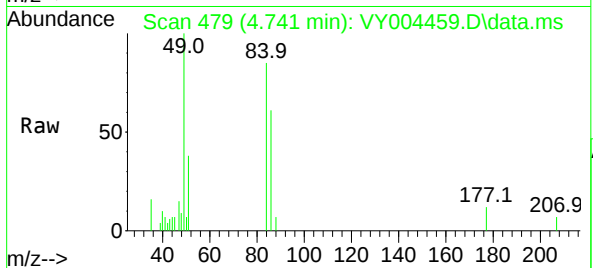
Ion Ratio Lower Upper

84 100

49 117.2 111.2 166.8

51 44.1 33.4 50.2

86 71.0 52.7 79.1



#29

Tetrahydrofuran

Concen: 1.18 ug/l

RT: 7.362 min Scan# 909

Delta R.T. 0.000 min

Lab File: VY004459.D

Acq: 16 Apr 2021 10:41

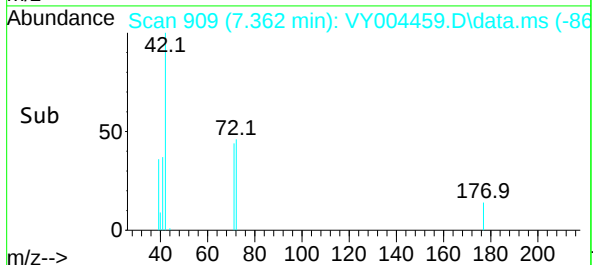
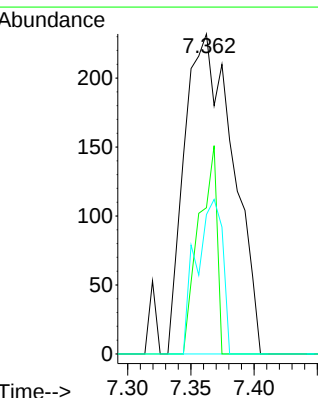
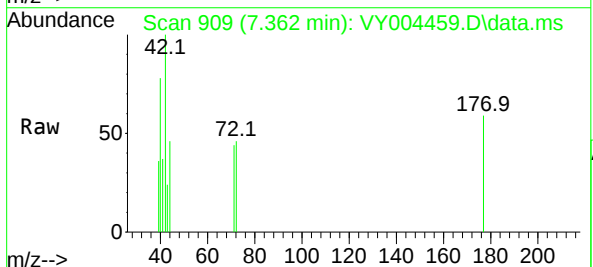
Tgt Ion: 42 Resp: 618

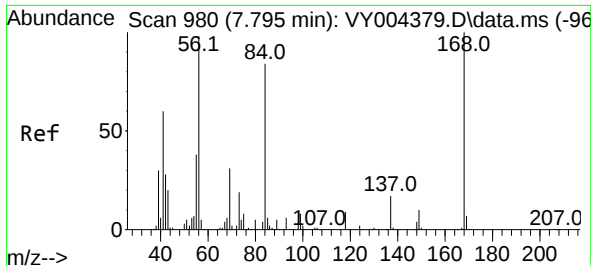
Ion Ratio Lower Upper

42 100

72 24.3 31.0 46.4#

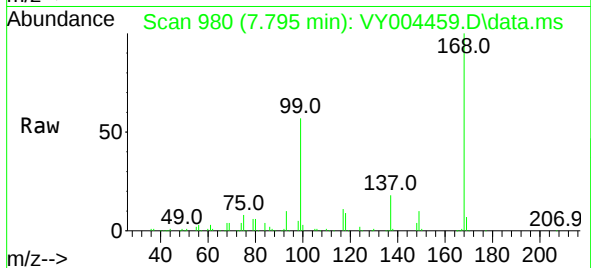
71 26.1 28.8 43.2#



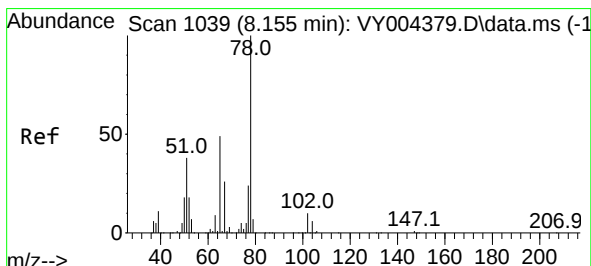
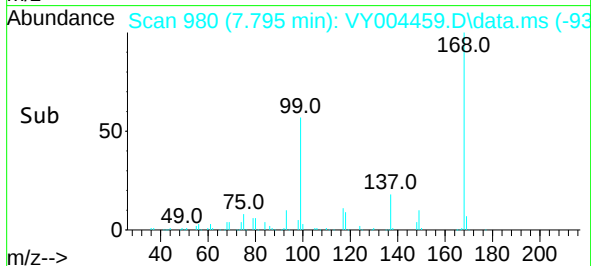
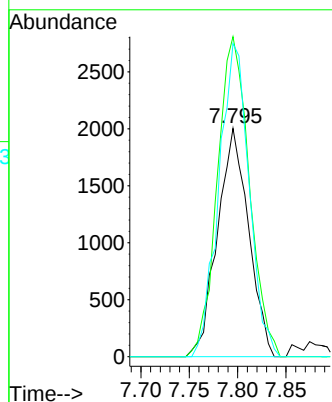


#31
Cyclohexane
Concen: 1.27 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY004459.D
Acq: 16 Apr 2021 10:41

Instrument :
MSVOA_Y
ClientSampleId :
VY0416SBL01

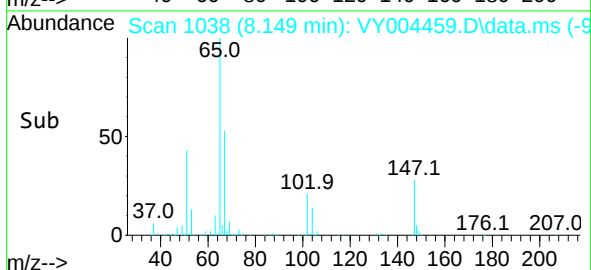
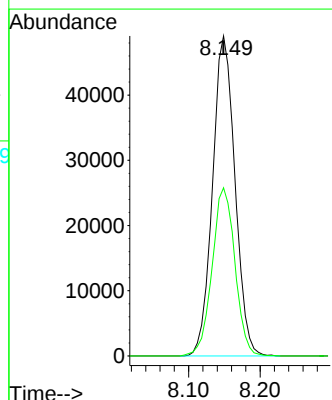
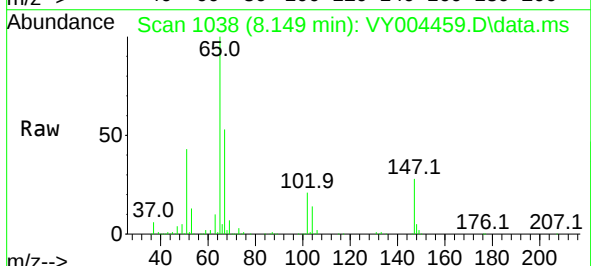


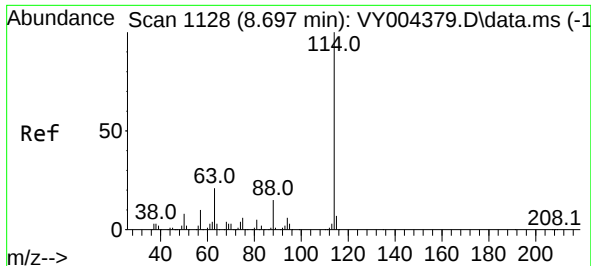
Tgt Ion: 56 Resp: 4485
Ion Ratio Lower Upper
56 100
69 140.1 25.8 38.6#
84 137.1 68.2 102.4#



#33
1,2-Dichloroethane-d4
Concen: 55.67 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.006 min
Lab File: VY004459.D
Acq: 16 Apr 2021 10:41

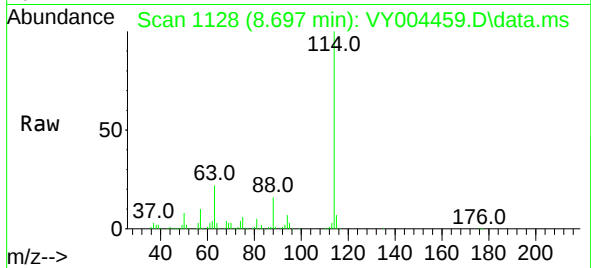
Tgt Ion: 65 Resp: 106843
Ion Ratio Lower Upper
65 100
67 53.5 0.0 106.4



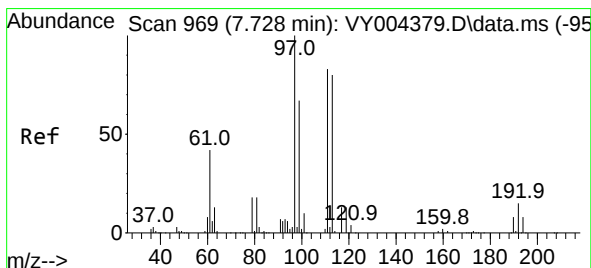
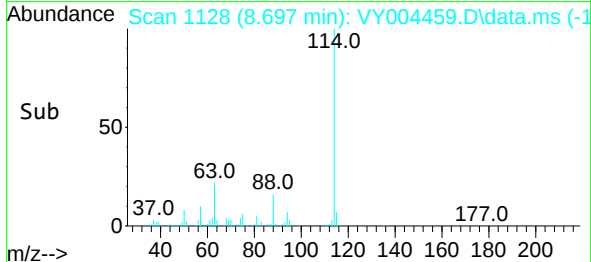
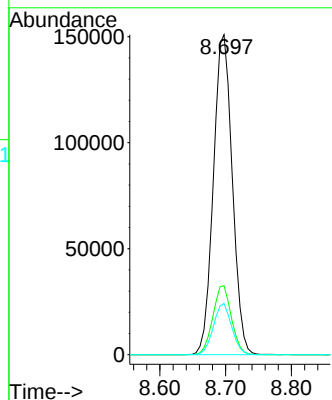


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY004459.D
Acq: 16 Apr 2021 10:41

Instrument :
MSVOA_Y
ClientSampleId :
VY0416SBL01

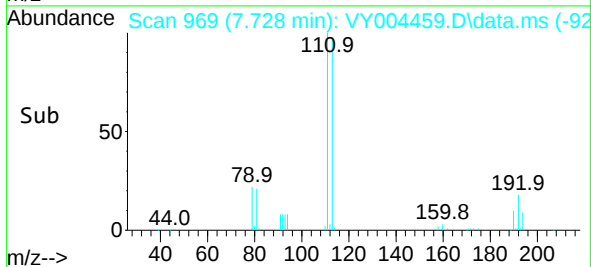
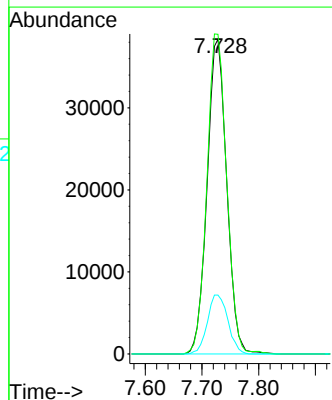
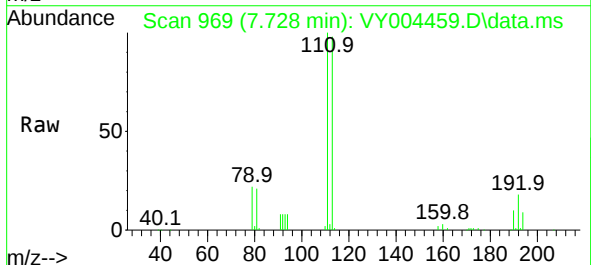


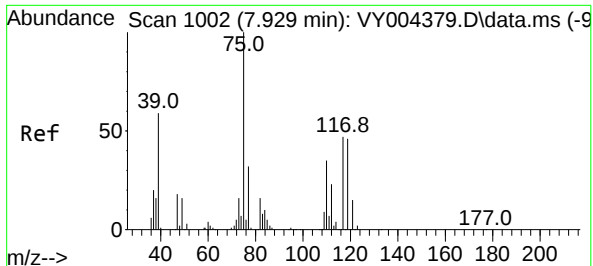
Tgt Ion	Ratio	Lower	Upper
114	100		
63	21.6	0.0	42.4
88	16.0	0.0	30.8



#35
Dibromofluoromethane
Concen: 54.90 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.000 min
Lab File: VY004459.D
Acq: 16 Apr 2021 10:41

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.5	82.6	123.8
192	19.6	16.1	24.1





#36

1,1-Dichloropropene

Concen: 4.69 ug/l

RT: 7.795 min Scan# 980

Delta R.T. -0.134 min

Lab File: VY004459.D

Acq: 16 Apr 2021 10:41

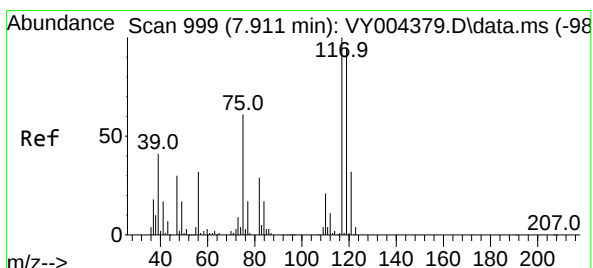
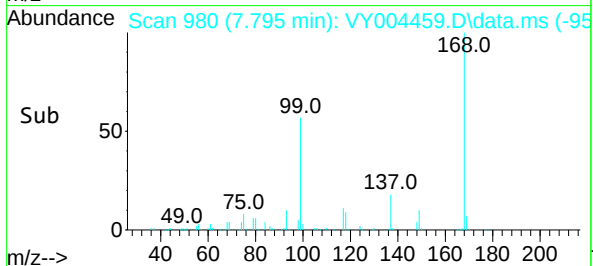
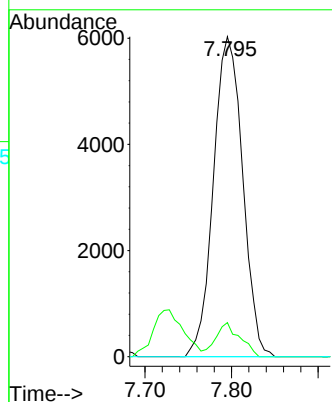
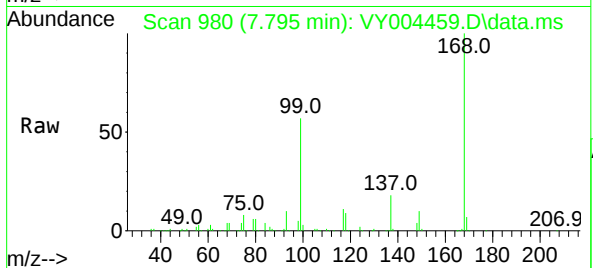
Instrument :

MSVOA_Y

ClientSampleId :

VY0416SBL01

Tgt Ion: 75	Resp: 14095
Ion Ratio	Lower Upper
75 100	
110 8.9	17.3 51.7#
77 0.0	24.3 36.5#



#38

Carbon Tetrachloride

Concen: 6.70 ug/l

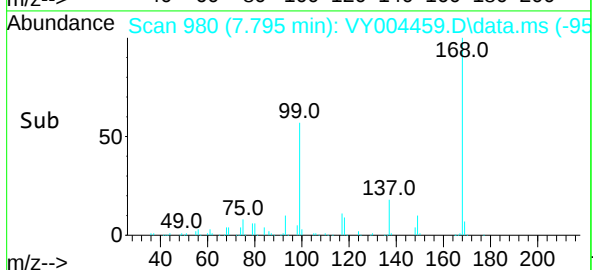
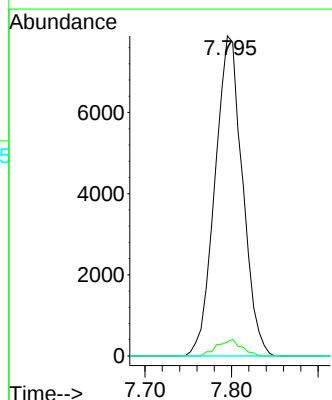
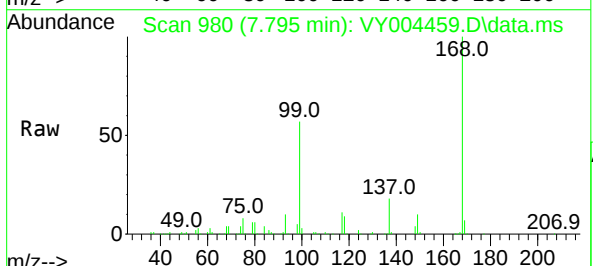
RT: 7.795 min Scan# 980

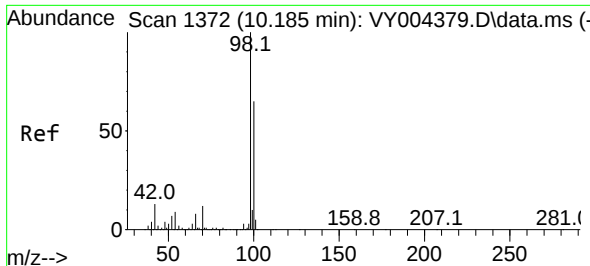
Delta R.T. -0.115 min

Lab File: VY004459.D

Acq: 16 Apr 2021 10:41

Tgt Ion: 117	Resp: 17406
Ion Ratio	Lower Upper
117 100	
119 4.4	75.8 113.8#
121 0.0	25.3 37.9#

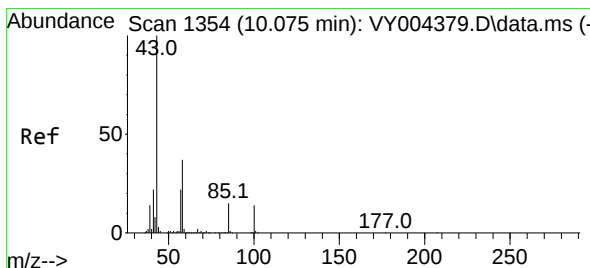
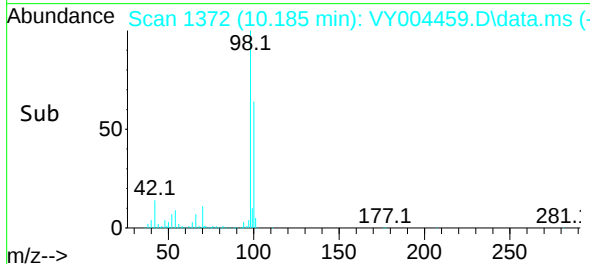
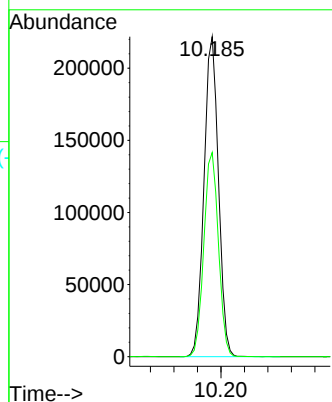
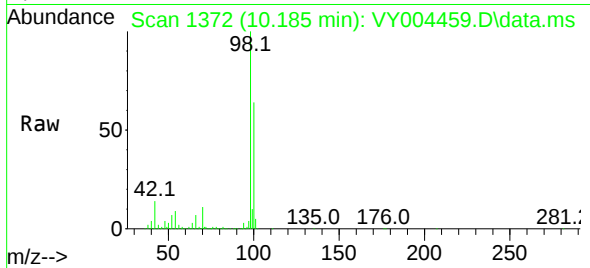




#50
Toluene-d8
Concen: 53.11 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY004459.D
Acq: 16 Apr 2021 10:41

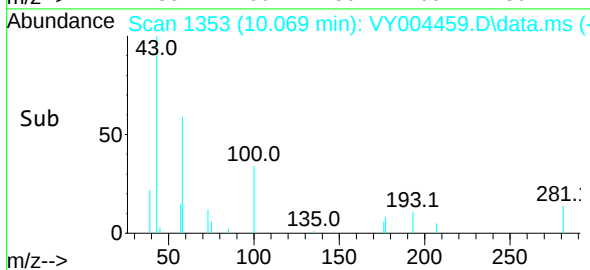
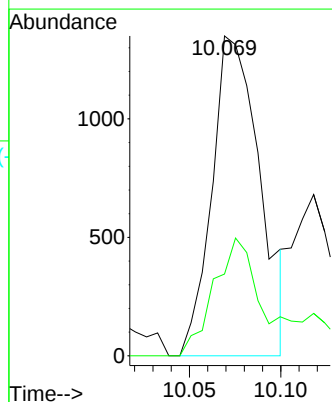
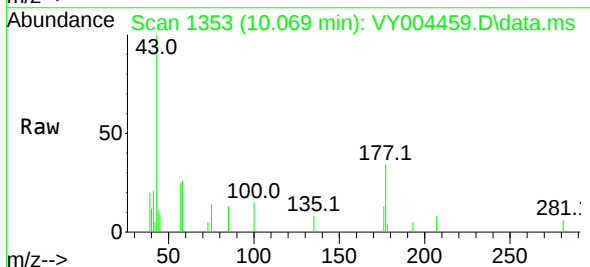
Instrument :
MSVOA_Y
ClientSampleId :
VY0416SBL01

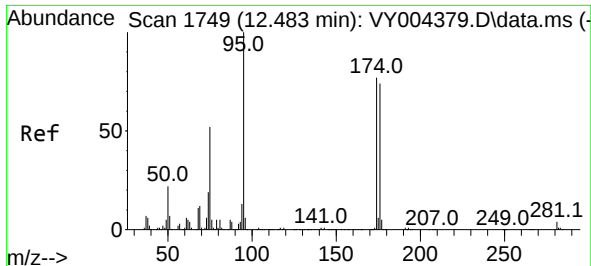
Tgt Ion: 98 Resp: 378988
Ion Ratio Lower Upper
98 100
100 64.4 51.8 77.6



#51
4-Methyl-2-Pentanone
Concen: 1.31 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. -0.006 min
Lab File: VY004459.D
Acq: 16 Apr 2021 10:41

Tgt Ion: 43 Resp: 2468
Ion Ratio Lower Upper
43 100
58 36.7 29.2 43.8

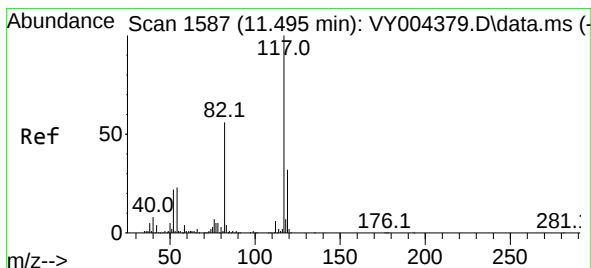
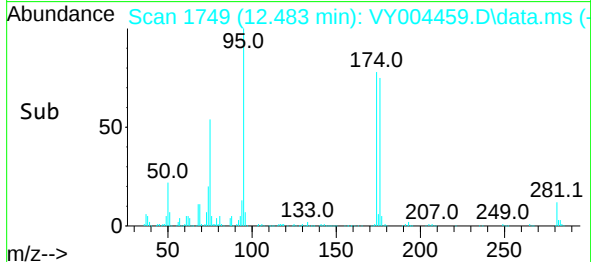
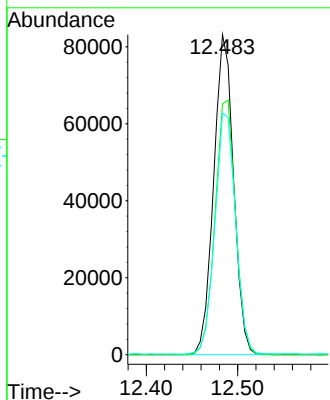
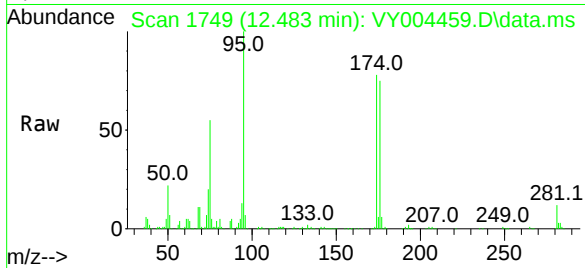




#62
4-Bromofluorobenzene
Concen: 51.85 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY004459.D
Acq: 16 Apr 2021 10:41

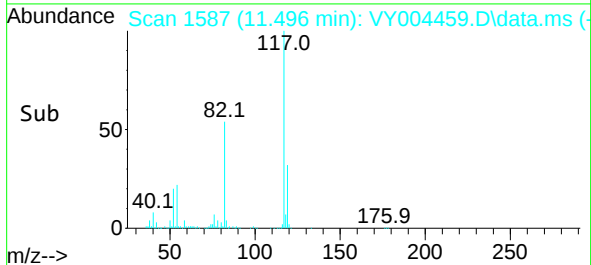
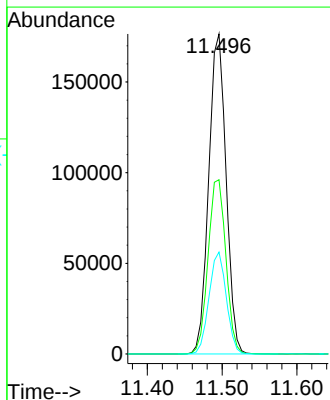
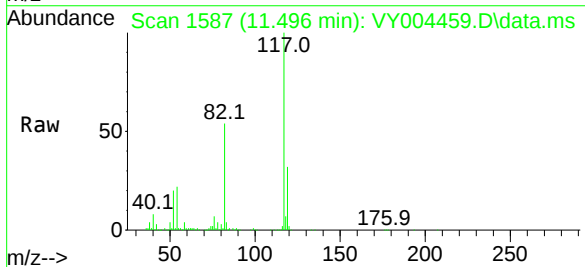
Instrument :
MSVOA_Y
ClientSampleId :
VY0416SBL01

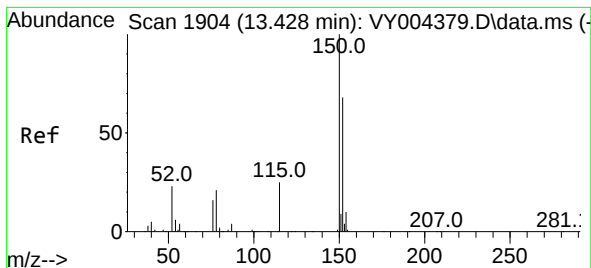
Tgt Ion: 95 Resp: 125558
Ion Ratio Lower Upper
95 100
174 82.1 0.0 162.4
176 78.3 0.0 156.0



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY004459.D
Acq: 16 Apr 2021 10:41

Tgt Ion: 117 Resp: 284995
Ion Ratio Lower Upper
117 100
82 54.4 44.9 67.3
119 31.8 25.4 38.0

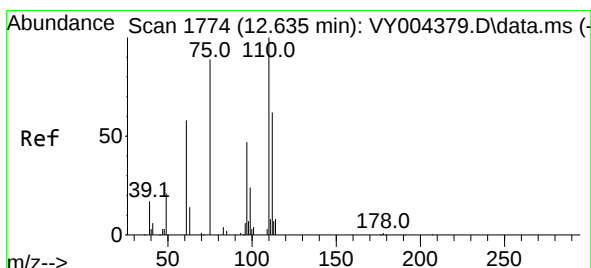
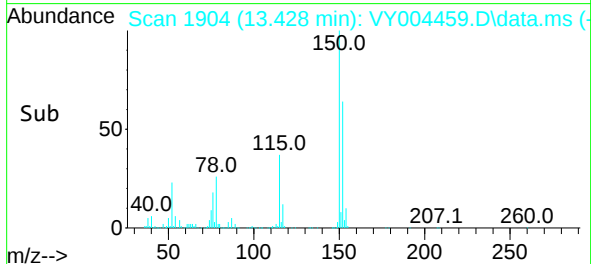
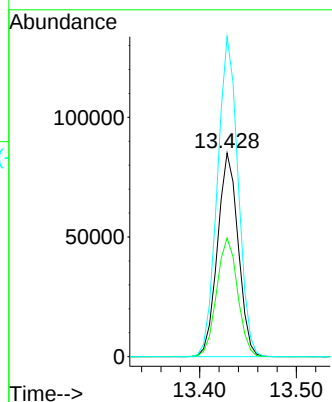
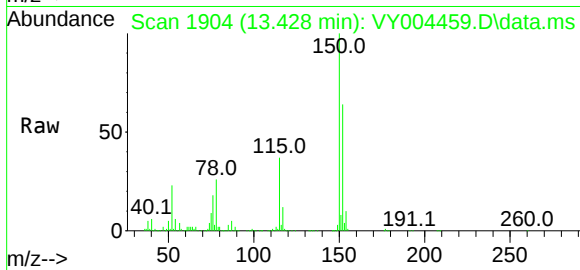




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY004459.D
Acq: 16 Apr 2021 10:41

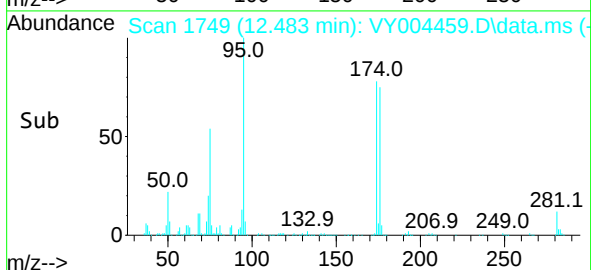
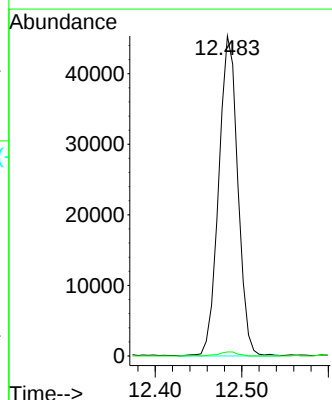
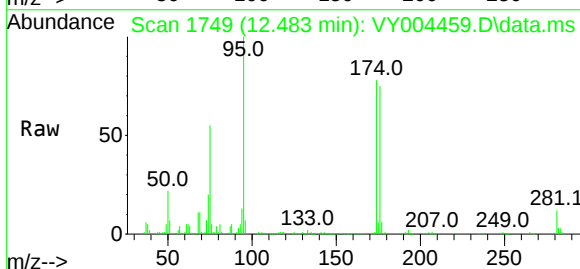
Instrument :
MSVOA_Y
ClientSampleId :
VY0416SBL01

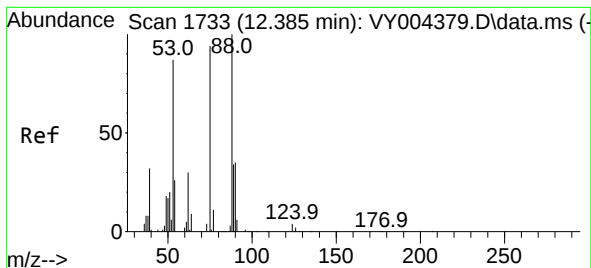
Tgt Ion:152 Resp: 125854
Ion Ratio Lower Upper
152 100
115 59.2 29.6 88.8
150 157.5 0.0 348.4



#76
1,2,3-Trichloropropane
Concen: 51.50 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY004459.D
Acq: 16 Apr 2021 10:41

Tgt Ion: 75 Resp: 69569
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#

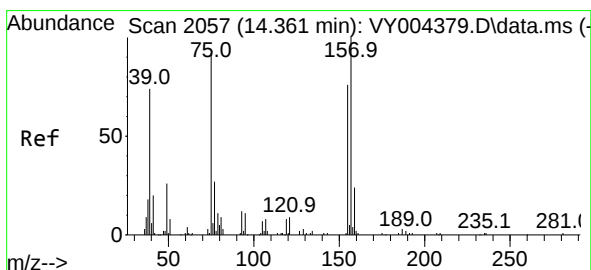
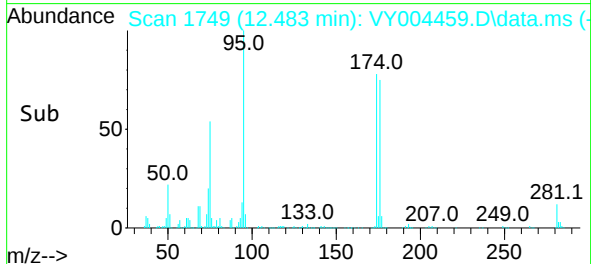
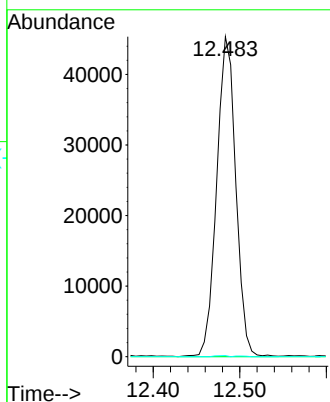
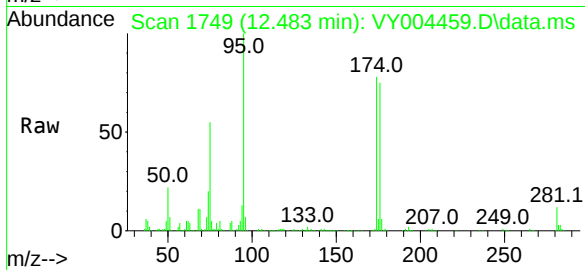




#81
trans-1,4-Dichloro-2-butene
Concen: 92.13 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.098 min
Lab File: VY004459.D
Acq: 16 Apr 2021 10:41

Instrument :
MSVOA_Y
ClientSampleId :
VY0416SBL01

Tgt Ion: 75 Resp: 69569
Ion Ratio Lower Upper
75 100
53 0.0 75.0 112.6#
89 0.2 36.1 54.1#



#92
1,2-Dibromo-3-Chloropropane
Concen: 1.23 ug/l
RT: 14.367 min Scan# 2058
Delta R.T. 0.006 min
Lab File: VY004459.D
Acq: 16 Apr 2021 10:41

Tgt Ion: 75 Resp: 405
Ion Ratio Lower Upper
75 100
155 0.0 40.6 121.8#
157 0.0 53.0 159.0#

