

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041621\
 Data File : VY004479.D
 Acq On : 16 Apr 2021 18:51
 Operator : SY/MD
 Sample : M2048-06RE
 Misc : 5.03G/5ML/MSVOA_Y/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-02-13.5-14.0

Quant Time: Apr 17 00:57:32 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	147802	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	261938	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	249157	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	113810	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	94883	57.78	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	115.56%
35) Dibromofluoromethane	7.728	113	79883	54.95	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	109.90%
50) Toluene-d8	10.185	98	322334	52.13	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	104.26%
62) 4-Bromofluorobenzene	12.483	95	109433	52.15	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	104.30%

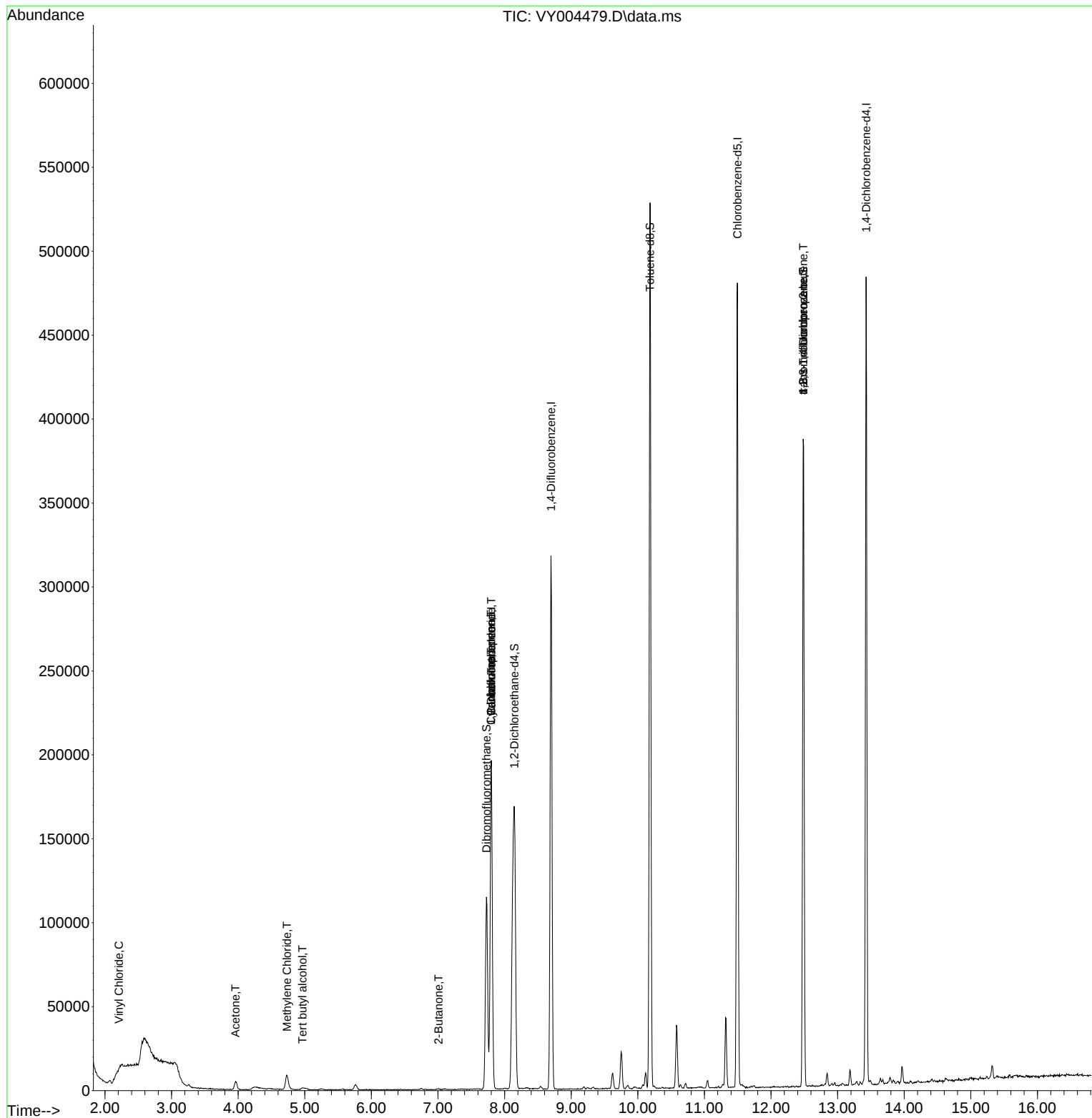
Target Compounds						Qvalue
4) Vinyl Chloride	2.211	62	4994	2.39	ug/l #	43
11) Tert butyl alcohol	4.966	59	1174	7.25	ug/l #	91
16) Acetone	3.960	43	8638	6.01	ug/l	99
20) Methylene Chloride	4.735	84	5562	3.51	ug/l	95
25) 2-Butanone	7.009	43	1008	1.61	ug/l	94
31) Cyclohexane	7.795	56	3557	1.18	ug/l #	11
36) 1,1-Dichloropropene	7.795	75	12026	4.62	ug/l #	51
38) Carbon Tetrachloride	7.801	117	15008	6.67	ug/l #	17
76) 1,2,3-Trichloropropane	12.483	75	60339	49.40	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	60302	88.31	ug/l #	12

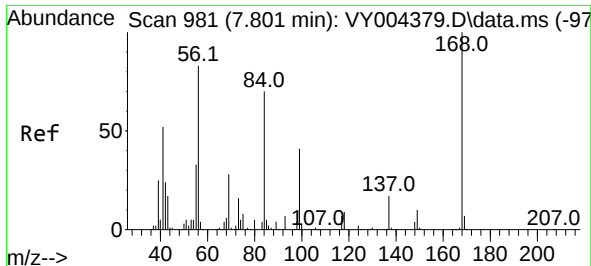
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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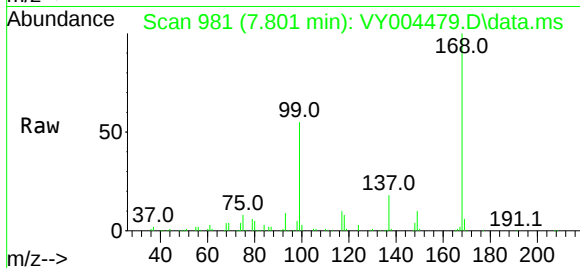
Quant Time: Apr 17 00:57:32 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041221S.M
Quant Title : SW846 8260
QLast Update : Tue Apr 13 03:38:02 2021
Response via : Initial Calibration



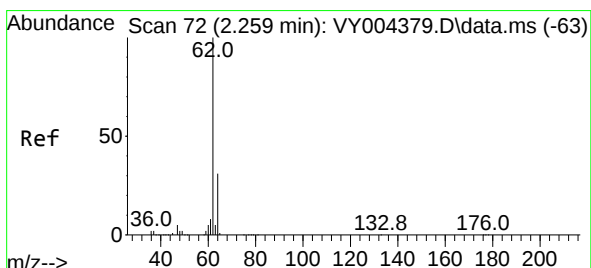
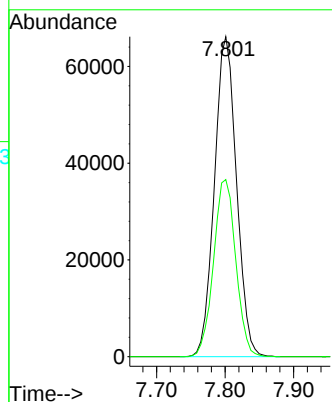
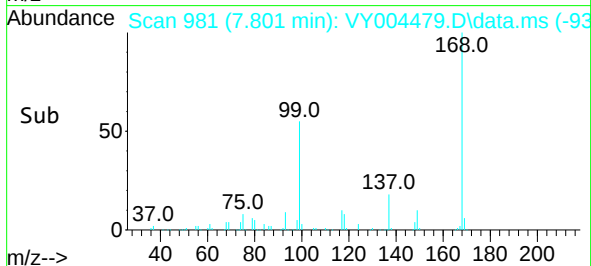


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY004479.D
Acq: 16 Apr 2021 18:51

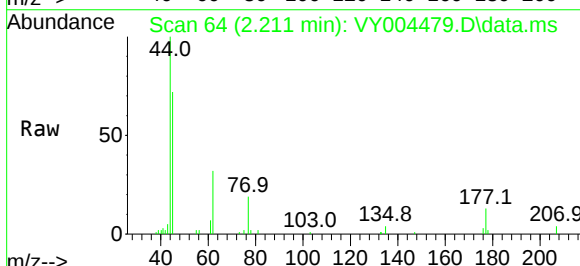
Instrument :
MSVOA_Y
ClientSampleId :
SB-02-13.5-14.0



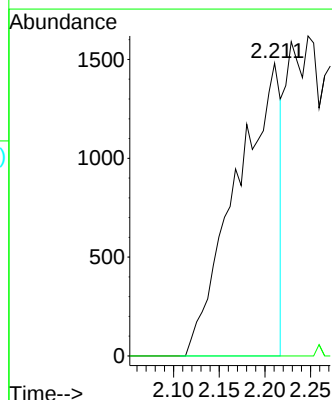
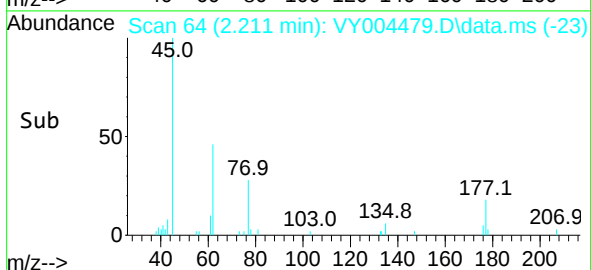
Tgt Ion:168 Resp: 147802
Ion Ratio Lower Upper
168 100
99 55.3 45.5 68.3

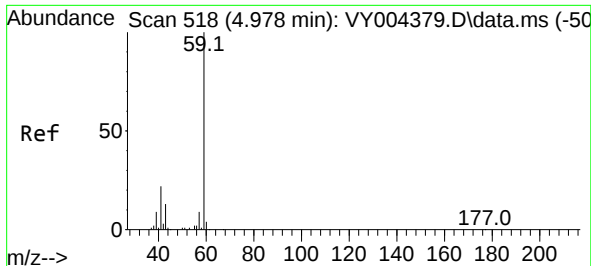


#4
Vinyl Chloride
Concen: 2.39 ug/l
RT: 2.211 min Scan# 64
Delta R.T. -0.049 min
Lab File: VY004479.D
Acq: 16 Apr 2021 18:51



Tgt Ion: 62 Resp: 4994
Ion Ratio Lower Upper
62 100
64 0.0 25.1 37.7#

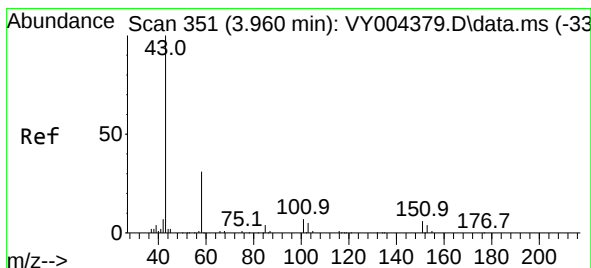
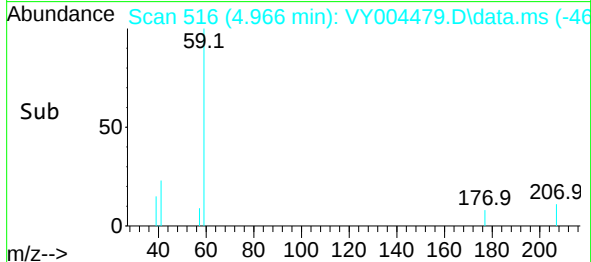
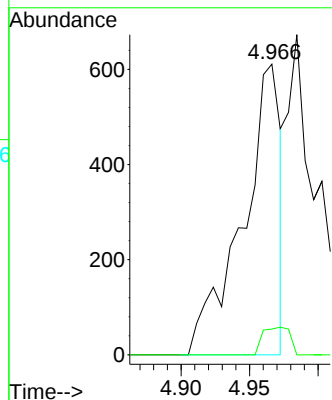
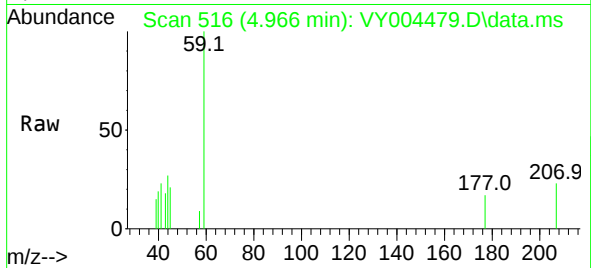




#11
Tert butyl alcohol
Concen: 7.25 ug/l
RT: 4.966 min Scan# 516
Delta R.T. -0.012 min
Lab File: VY004479.D
Acq: 16 Apr 2021 18:51

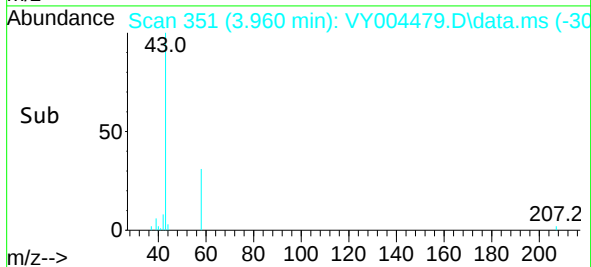
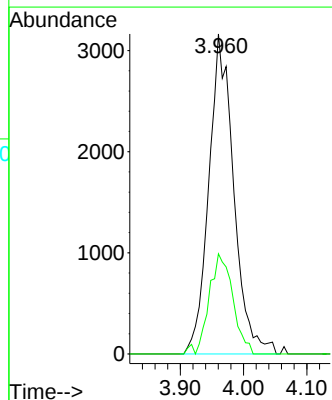
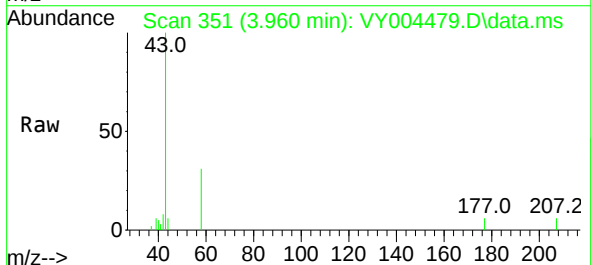
Instrument :
MSVOA_Y
ClientSampleId :
SB-02-13.5-14.0

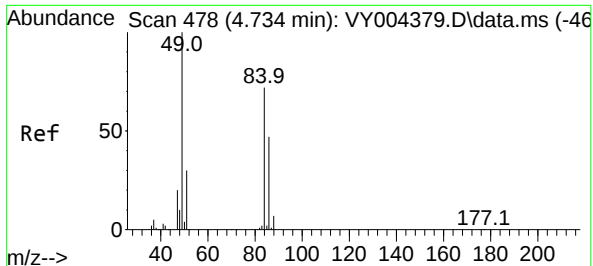
Tgt Ion: 59 Resp: 1174
Ion Ratio Lower Upper
59 100
57 6.8 8.1 12.1#



#16
Acetone
Concen: 6.01 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.000 min
Lab File: VY004479.D
Acq: 16 Apr 2021 18:51

Tgt Ion: 43 Resp: 8638
Ion Ratio Lower Upper
43 100
58 31.3 24.6 37.0

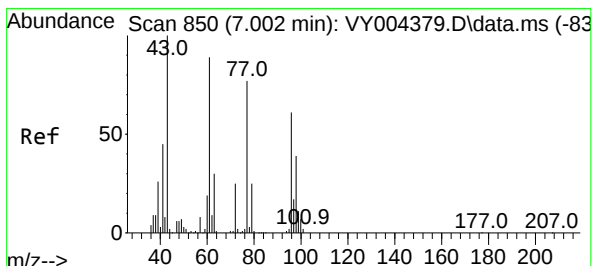
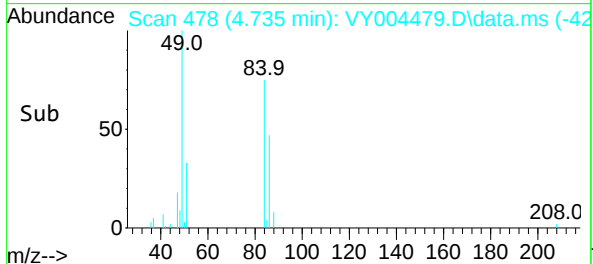
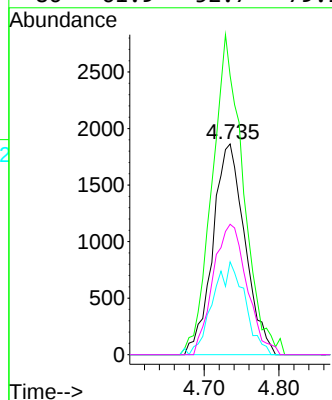
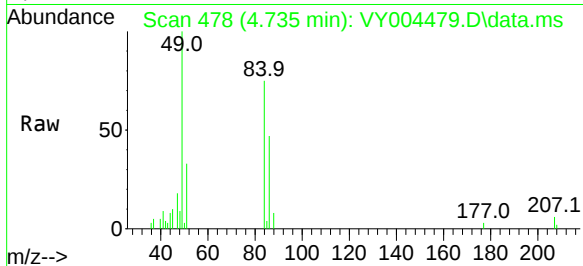




#20
Methylene Chloride
Concen: 3.51 ug/l
RT: 4.735 min Scan# 478
Delta R.T. 0.000 min
Lab File: VY004479.D
Acq: 16 Apr 2021 18:51

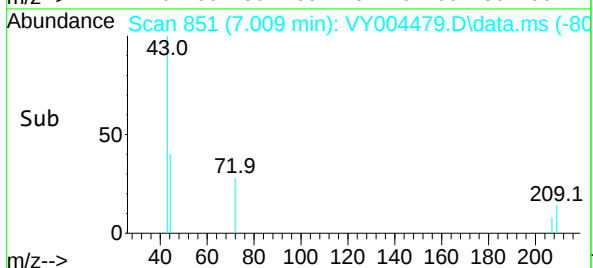
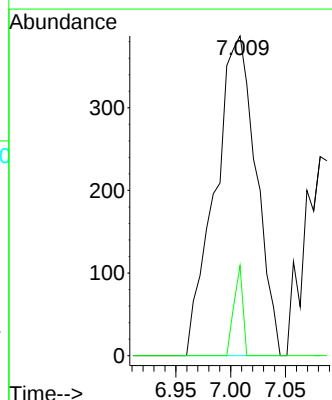
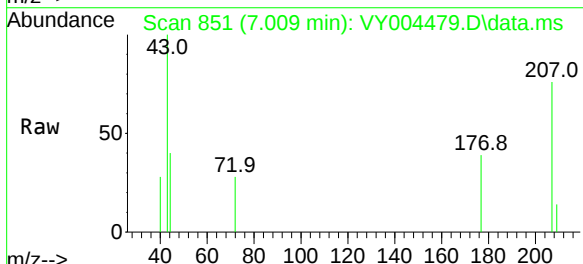
Instrument :
MSVOA_Y
ClientSampleId :
SB-02-13.5-14.0

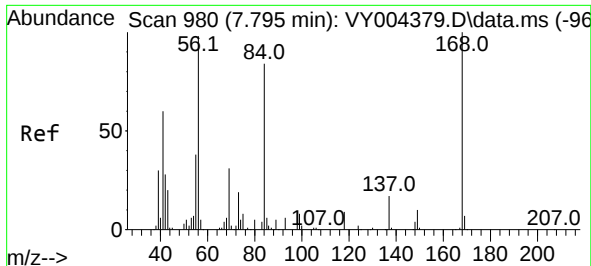
Tgt Ion:	84	Resp:	5562
Ion	Ratio	Lower	Upper
84	100		
49	132.5	111.2	166.8
51	44.1	33.4	50.2
86	61.9	52.7	79.1



#25
2-Butanone
Concen: 1.61 ug/l
RT: 7.009 min Scan# 851
Delta R.T. 0.006 min
Lab File: VY004479.D
Acq: 16 Apr 2021 18:51

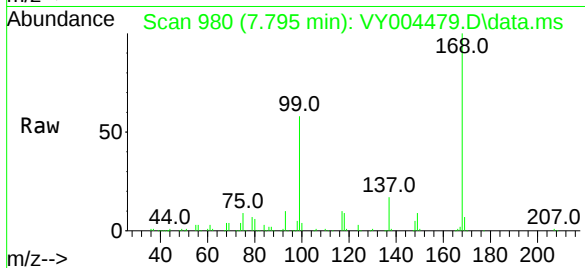
Tgt Ion:	43	Resp:	1008
Ion	Ratio	Lower	Upper
43	100		
72	28.2	20.2	30.2



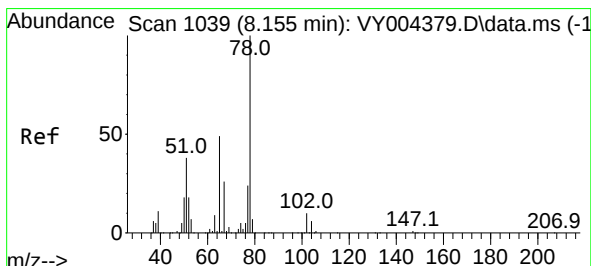
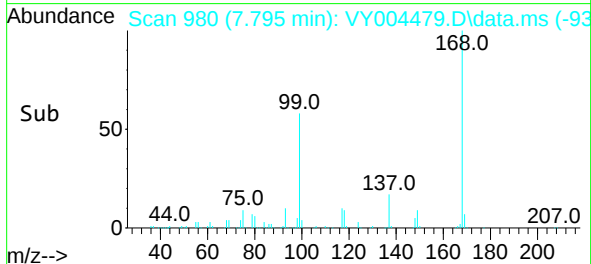
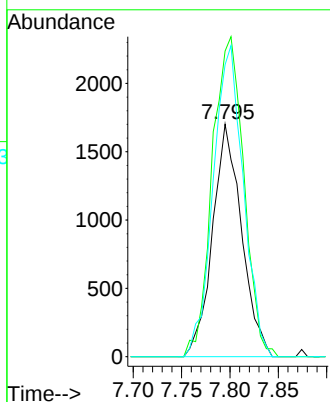


#31
Cyclohexane
Concen: 1.18 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY004479.D
Acq: 16 Apr 2021 18:51

Instrument :
MSVOA_Y
ClientSampleId :
SB-02-13.5-14.0

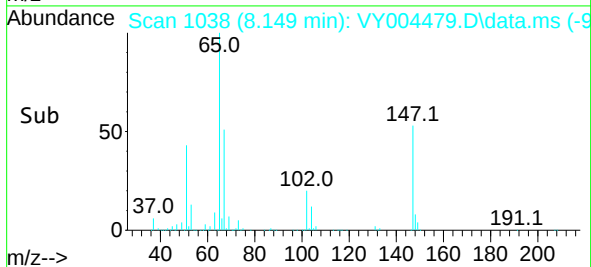
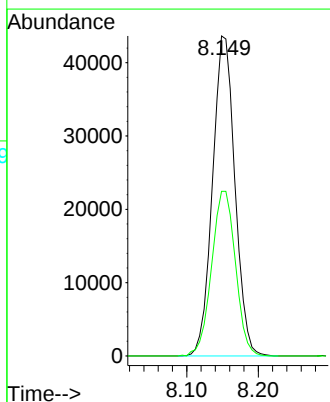
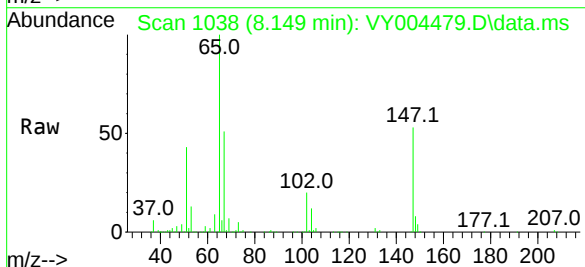


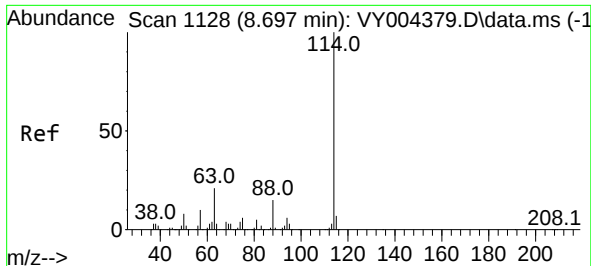
Tgt Ion: 56 Resp: 3557
Ion Ratio Lower Upper
56 100
69 131.4 25.8 38.6#
84 136.3 68.2 102.4#



#33
1,2-Dichloroethane-d4
Concen: 57.78 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.006 min
Lab File: VY004479.D
Acq: 16 Apr 2021 18:51

Tgt Ion: 65 Resp: 94883
Ion Ratio Lower Upper
65 100
67 55.0 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: VY004479.D

Acq: 16 Apr 2021 18:51

Instrument :

MSVOA_Y

ClientSampleId :

SB-02-13.5-14.0

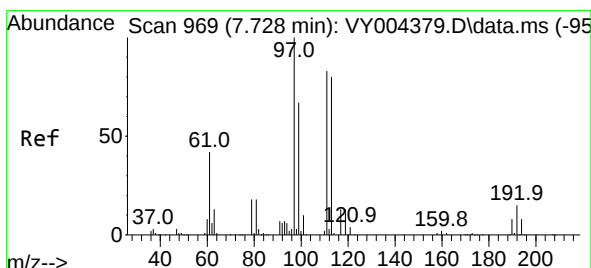
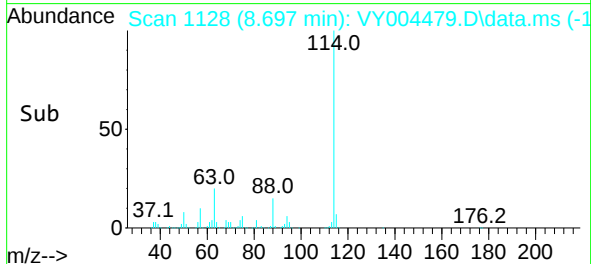
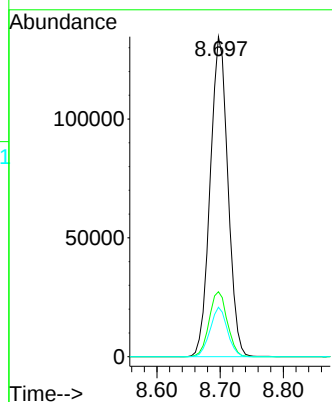
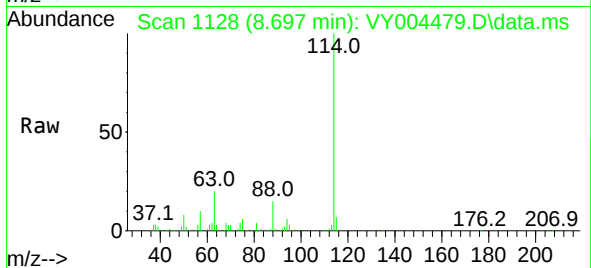
Tgt Ion:114 Resp: 261938

Ion Ratio Lower Upper

114 100

63 20.3 0.0 42.4

88 15.4 0.0 30.8



#35

Dibromofluoromethane

Concen: 54.95 ug/l

RT: 7.728 min Scan# 969

Delta R.T. 0.000 min

Lab File: VY004479.D

Acq: 16 Apr 2021 18:51

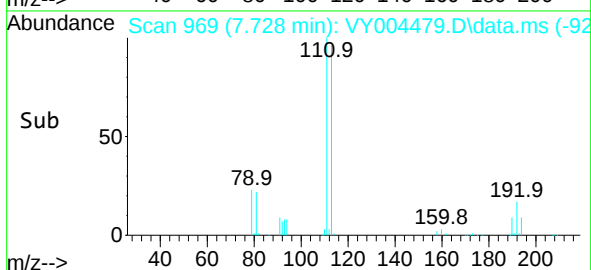
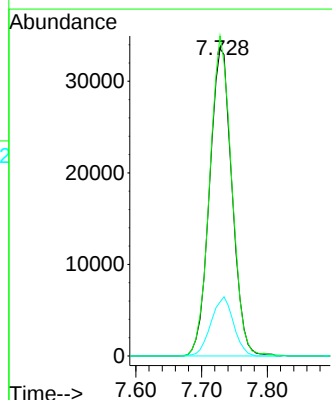
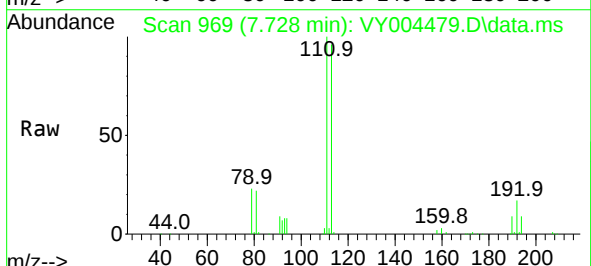
Tgt Ion:113 Resp: 79883

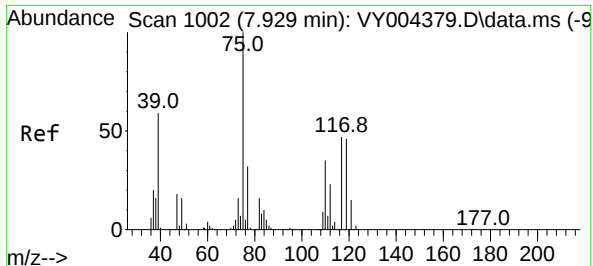
Ion Ratio Lower Upper

113 100

111 101.8 82.6 123.8

192 19.2 16.1 24.1

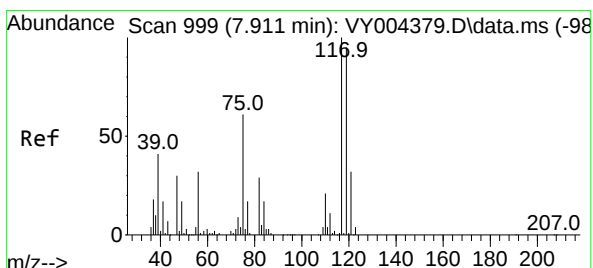
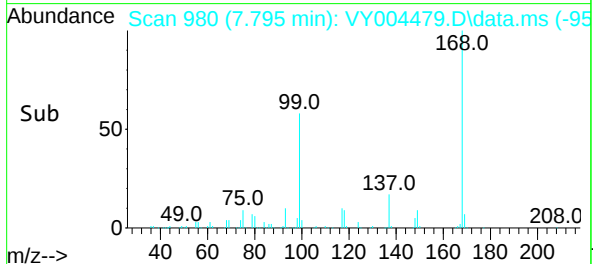
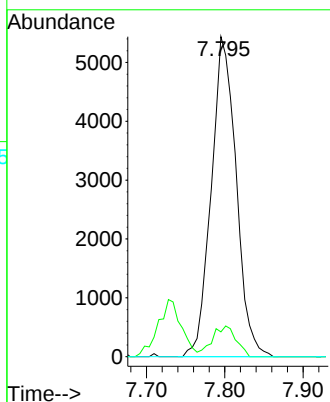
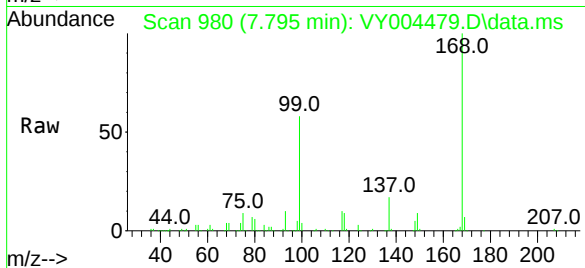




#36
1,1-Dichloropropene
Concen: 4.62 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.134 min
Lab File: VY004479.D
Acq: 16 Apr 2021 18:51

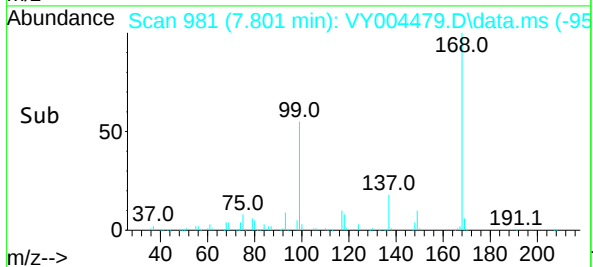
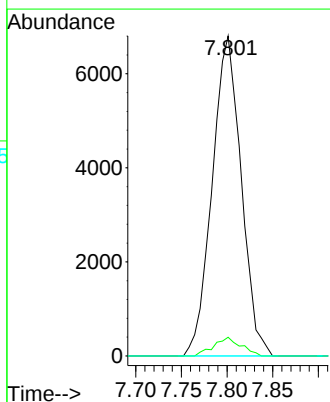
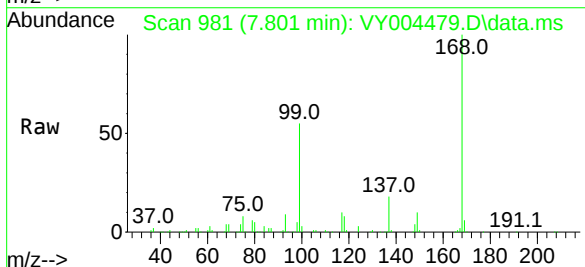
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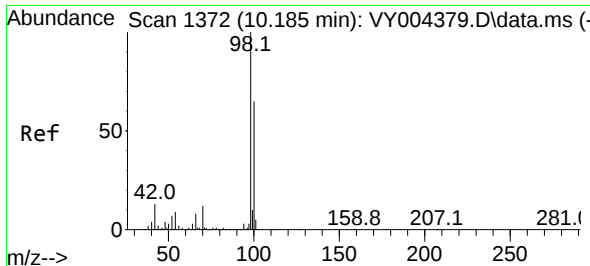
Tgt Ion: 75	Resp: 12026
Ion Ratio	Lower Upper
75 100	
110 9.2	17.3 51.7#
77 0.0	24.3 36.5#



#38
Carbon Tetrachloride
Concen: 6.67 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.110 min
Lab File: VY004479.D
Acq: 16 Apr 2021 18:51

Tgt Ion: 117	Resp: 15008
Ion Ratio	Lower Upper
117 100	
119 5.8	75.8 113.8#
121 0.0	25.3 37.9#

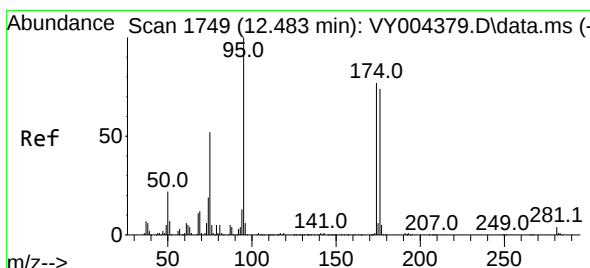
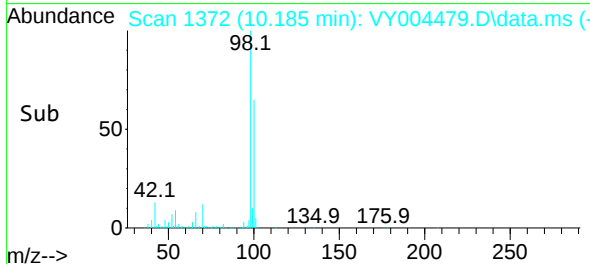
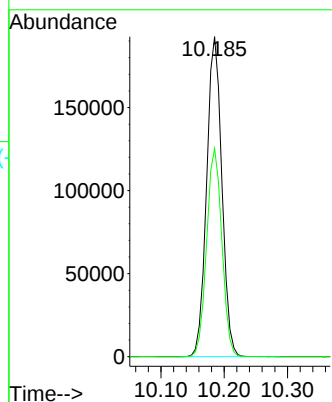
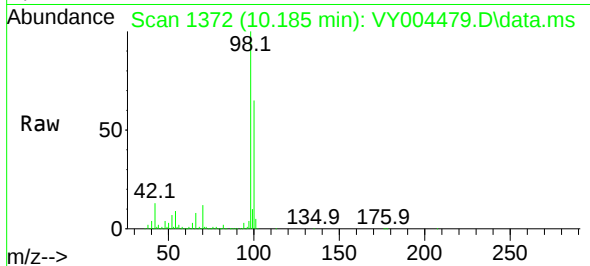




#50
Toluene-d8
Concen: 52.13 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY004479.D
Acq: 16 Apr 2021 18:51

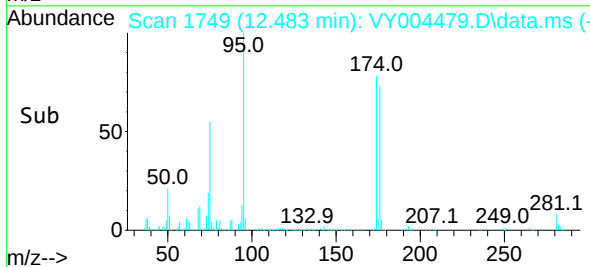
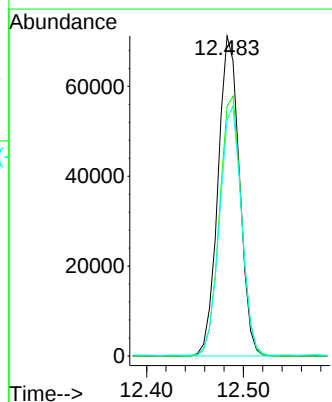
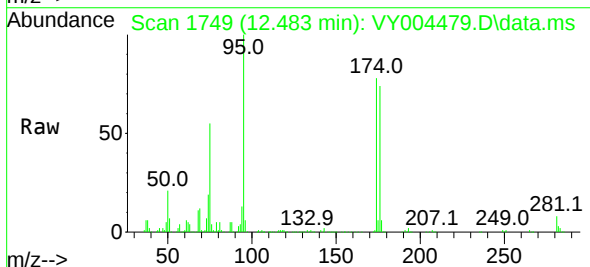
Instrument :
MSVOA_Y
ClientSampleId :
SB-02-13.5-14.0

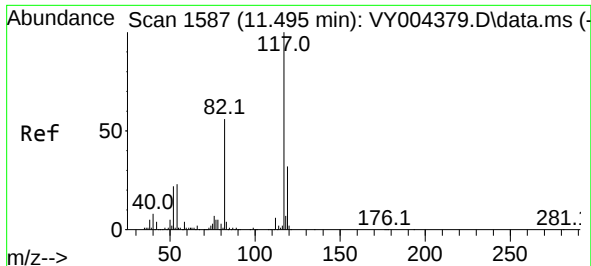
Tgt Ion: 98 Resp: 322334
Ion Ratio Lower Upper
98 100
100 65.1 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 52.15 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY004479.D
Acq: 16 Apr 2021 18:51

Tgt Ion: 95 Resp: 109433
Ion Ratio Lower Upper
95 100
174 83.1 0.0 162.4
176 79.5 0.0 156.0

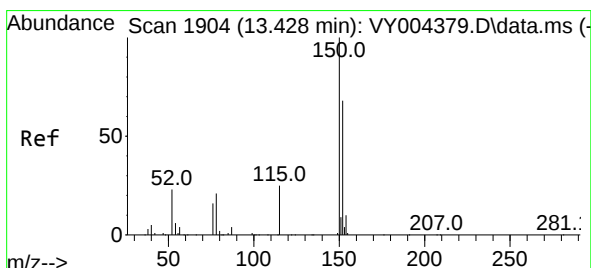
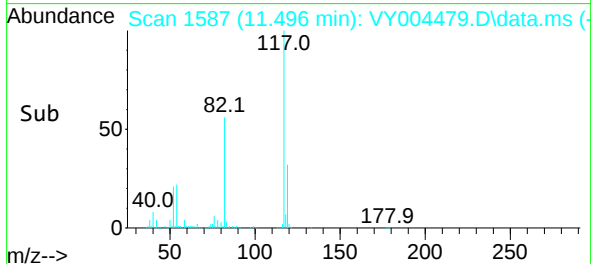
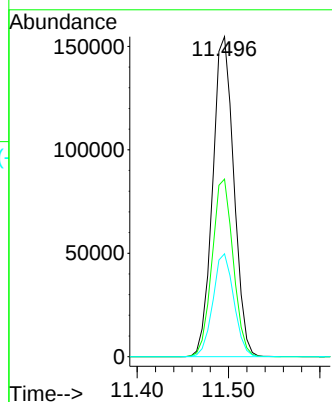
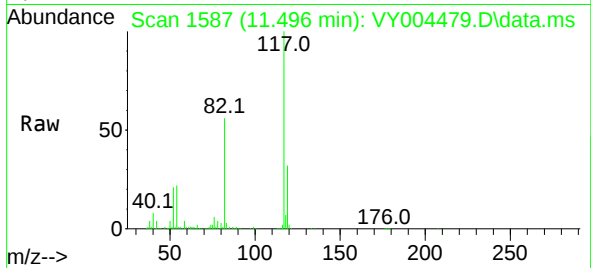




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY004479.D
Acq: 16 Apr 2021 18:51

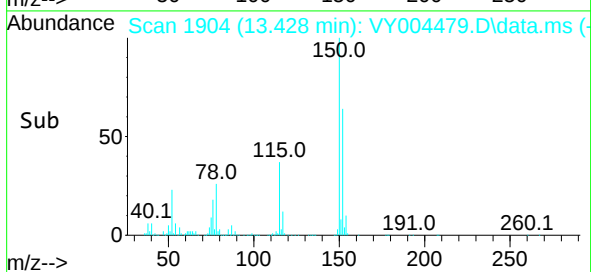
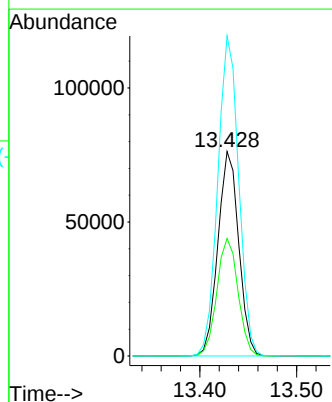
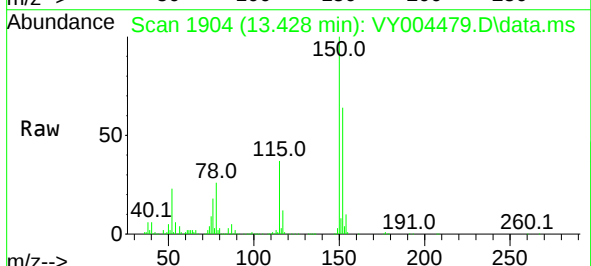
Instrument :
MSVOA_Y
ClientSampleId :
SB-02-13.5-14.0

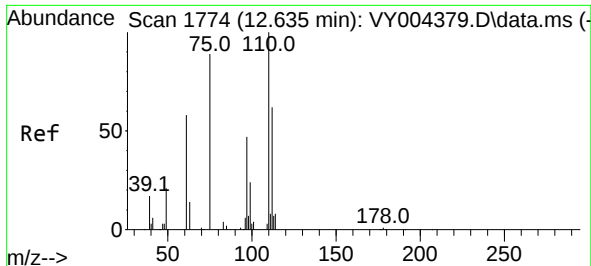
Tgt Ion:	117	Resp:	249157
Ion Ratio	Lower	Upper	
117	100		
82	55.5	44.9	67.3
119	32.2	25.4	38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY004479.D
Acq: 16 Apr 2021 18:51

Tgt Ion:	152	Resp:	113810
Ion Ratio	Lower	Upper	
152	100		
115	58.3	29.6	88.8
150	157.3	0.0	348.4

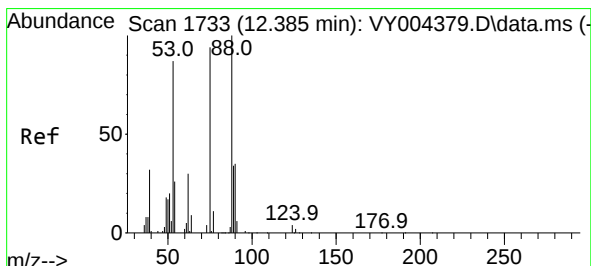
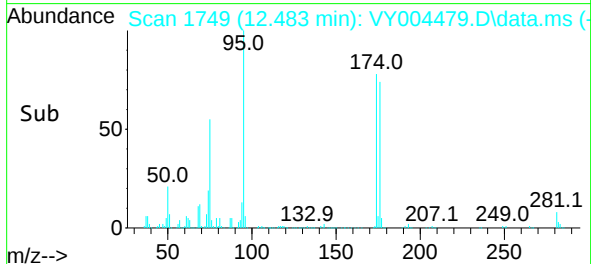
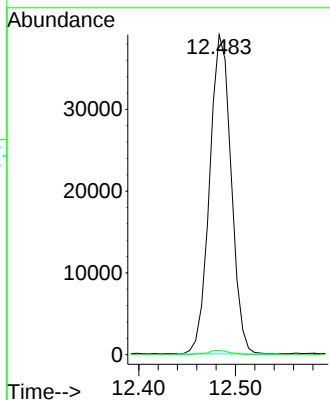
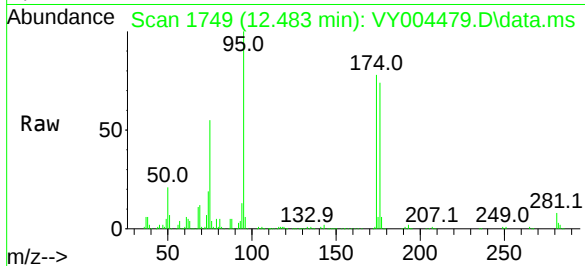




#76
1,2,3-Trichloropropane
Concen: 49.40 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY004479.D
Acq: 16 Apr 2021 18:51

Instrument :
MSVOA_Y
ClientSampleId :
SB-02-13.5-14.0

Tgt Ion: 75 Resp: 60339
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 88.31 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.098 min
Lab File: VY004479.D
Acq: 16 Apr 2021 18:51

Tgt Ion: 75 Resp: 60302
Ion Ratio Lower Upper
75 100
53 0.0 75.0 112.6#
89 0.1 36.1 54.1#

