

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041921\
 Data File : VY004506.D
 Acq On : 19 Apr 2021 18:21
 Operator : SY/MD
 Sample : M2076-03
 Misc : 5.03G/5ML/MSVOA_Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-13-14.5-15.0

Quant Time: Apr 20 01:50:46 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)

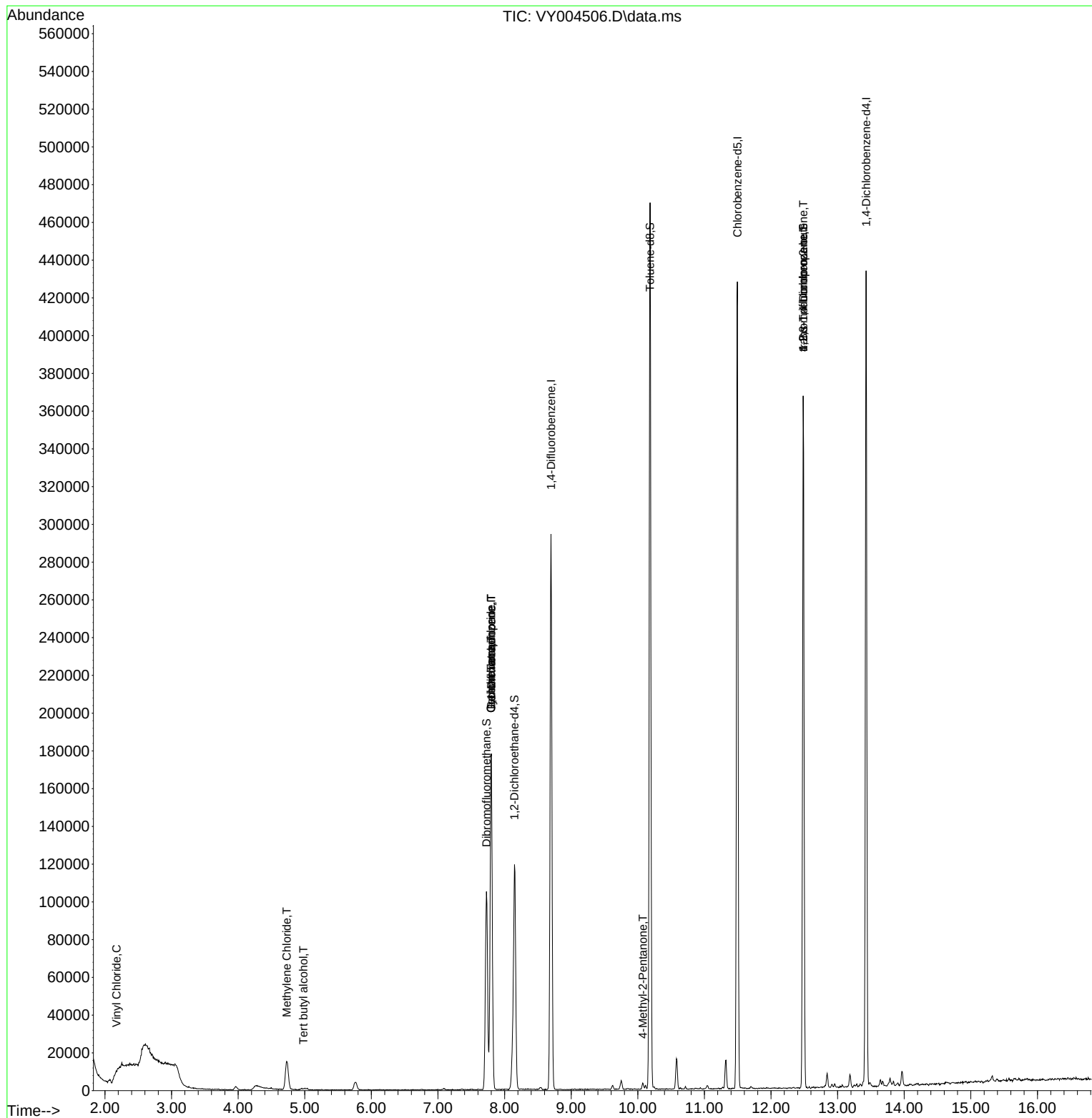
Internal Standards						
1) Pentafluorobenzene	7.801	168	134316	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	237821	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	225237	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	102940	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	86696	58.09	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	116.18%
35) Dibromofluoromethane	7.728	113	72613	55.02	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	110.04%
50) Toluene-d8	10.185	98	293327	52.25	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	104.50%
62) 4-Bromofluorobenzene	12.483	95	100145	52.57	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	105.14%
Target Compounds						
					Qvalue	
4) Vinyl Chloride	2.174	62	2658	1.40	ug/l #	43
11) Tert butyl alcohol	4.978	59	1526	10.38	ug/l #	73
16) Acetone	3.972	43	3318	Below Cal		93
20) Methylene Chloride	4.728	84	10696	7.42	ug/l #	87
31) Cyclohexane	7.795	56	3265	1.19	ug/l #	1
36) 1,1-Dichloropropene	7.801	75	10670	4.52	ug/l #	51
38) Carbon Tetrachloride	7.795	117	13664	6.69	ug/l #	17
51) 4-Methyl-2-Pentanone	10.075	43	2542	1.72	ug/l	92
76) 1,2,3-Trichloropropane	12.483	75	55319	50.07	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	55319	89.57	ug/l #	12

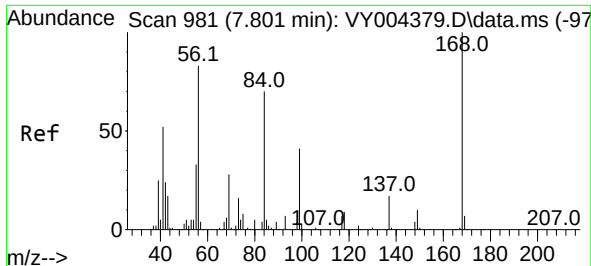
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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SB-13-14.5-15.0

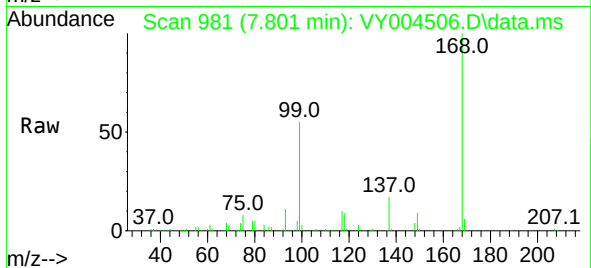
Quant Time: Apr 20 01:50:46 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041221S.M
Quant Title : SW846 8260
QLast Update : Tue Apr 13 03:38:02 2021
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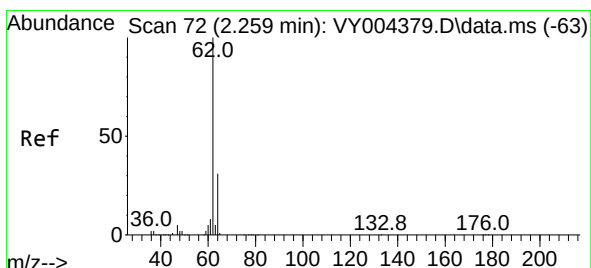
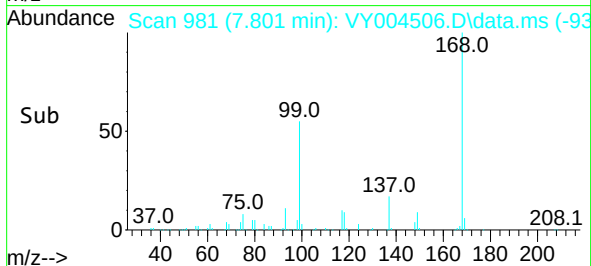
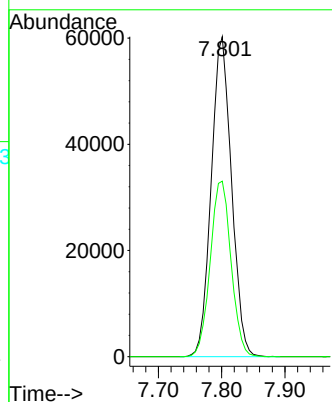


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY004506.D
Acq: 19 Apr 2021 18:21

Instrument :
MSVOA_Y
ClientSampleId :
SB-13-14.5-15.0

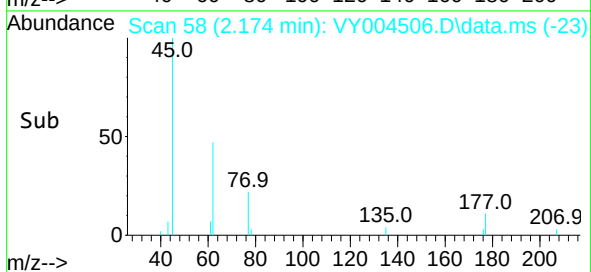
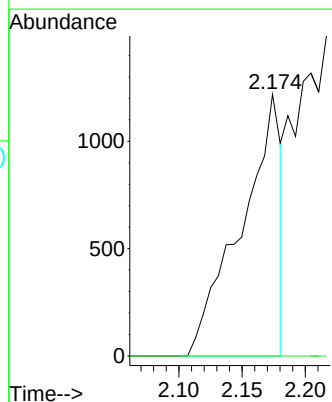
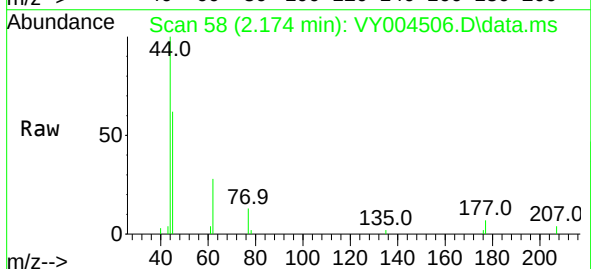


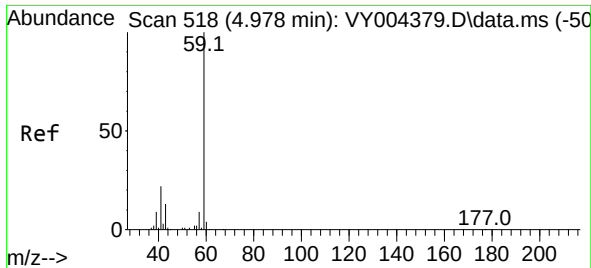
Tgt Ion:168 Resp: 134316
Ion Ratio Lower Upper
168 100
99 54.9 45.5 68.3



#4
Vinyl Chloride
Concen: 1.40 ug/l
RT: 2.174 min Scan# 58
Delta R.T. -0.085 min
Lab File: VY004506.D
Acq: 19 Apr 2021 18:21

Tgt Ion: 62 Resp: 2658
Ion Ratio Lower Upper
62 100
64 0.0 25.1 37.7#

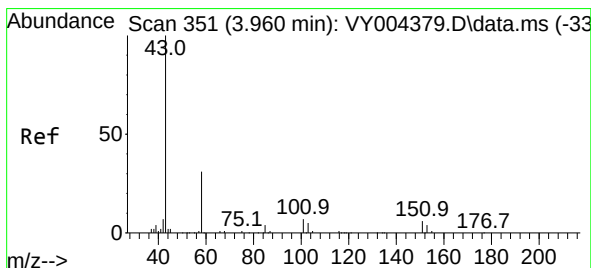
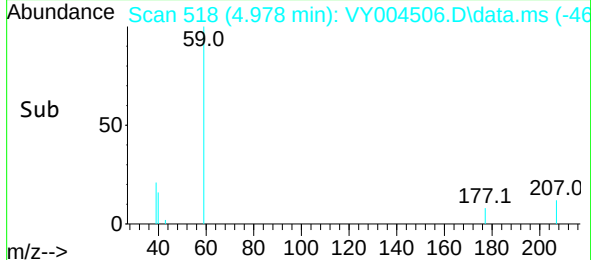
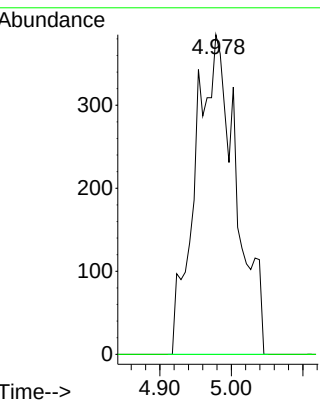
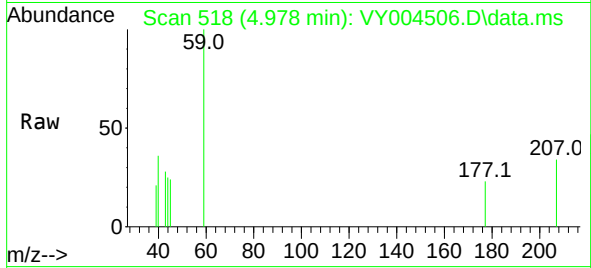




#11
Tert butyl alcohol
Concen: 10.38 ug/l
RT: 4.978 min Scan# 518
Delta R.T. 0.000 min
Lab File: VY004506.D
Acq: 19 Apr 2021 18:21

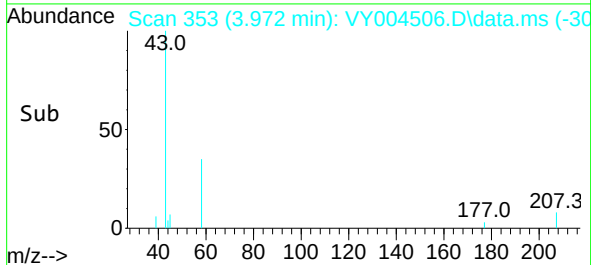
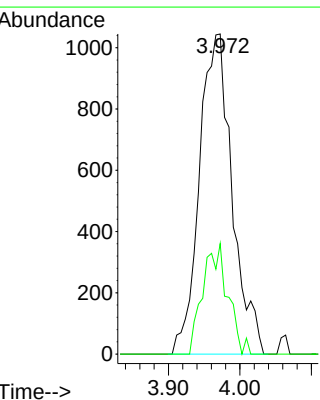
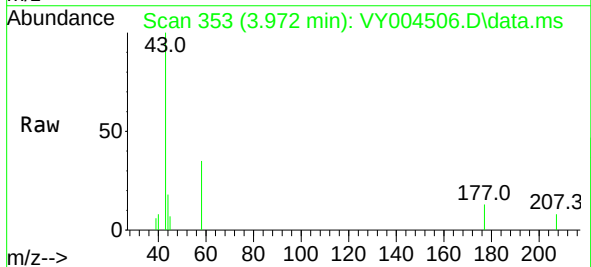
Instrument :
MSVOA_Y
ClientSampleId :
SB-13-14.5-15.0

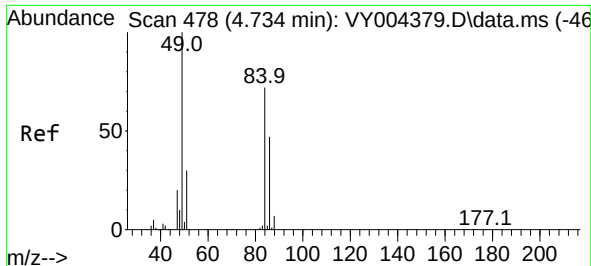
Tgt Ion: 59 Resp: 1526
Ion Ratio Lower Upper
59 100
57 0.0 8.1 12.1#



#16
Acetone
Concen: Below Cal
RT: 3.972 min Scan# 353
Delta R.T. 0.012 min
Lab File: VY004506.D
Acq: 19 Apr 2021 18:21

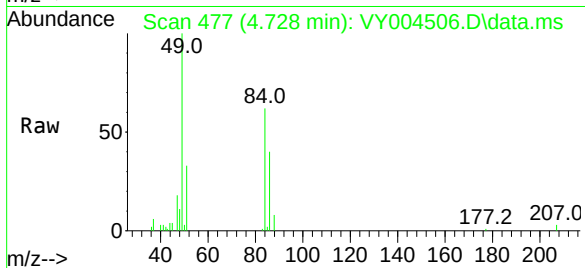
Tgt Ion: 43 Resp: 3318
Ion Ratio Lower Upper
43 100
58 34.5 24.6 37.0



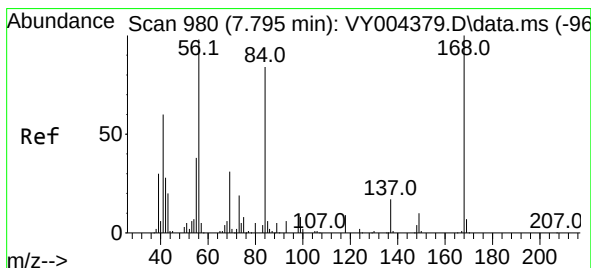
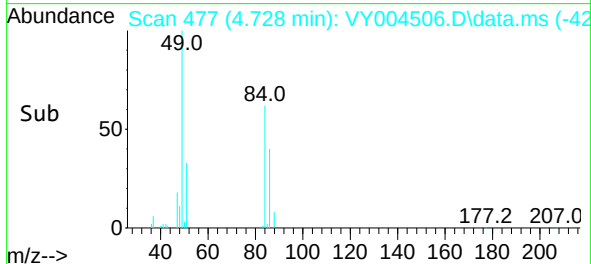
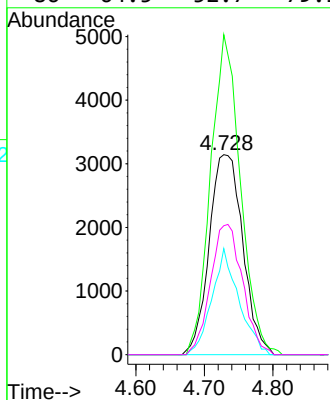


#20
Methylene Chloride
Concen: 7.42 ug/l
RT: 4.728 min Scan# 477
Delta R.T. -0.006 min
Lab File: VY004506.D
Acq: 19 Apr 2021 18:21

Instrument :
MSVOA_Y
ClientSampleId :
SB-13-14.5-15.0

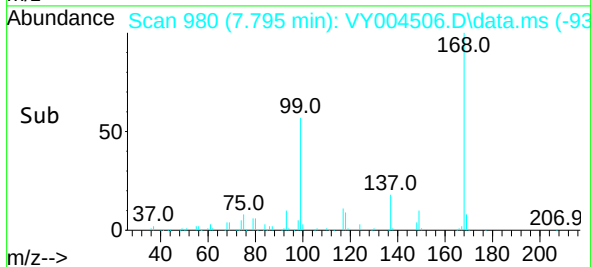
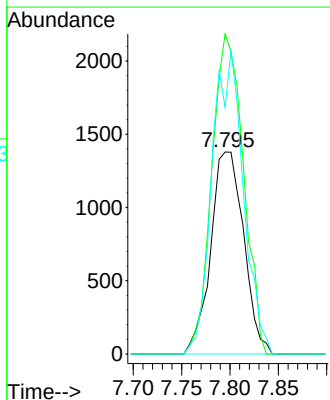
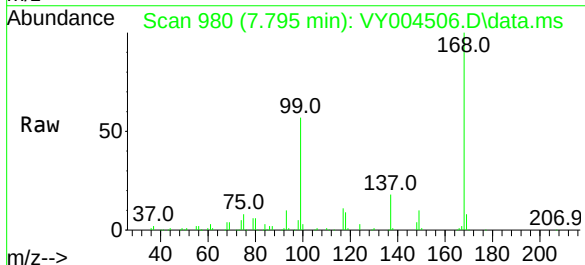


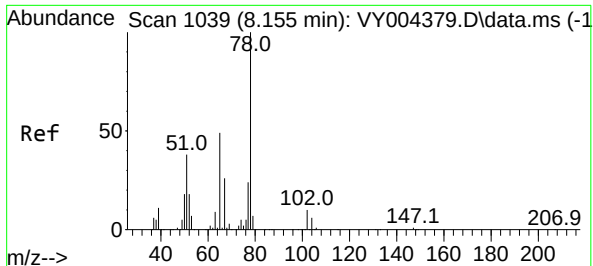
Tgt Ion:	84	Resp:	10696
Ion	Ratio	Lower	Upper
84	100		
49	160.0	111.2	166.8
51	53.0	33.4	50.2#
86	64.5	52.7	79.1



#31
Cyclohexane
Concen: 1.19 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY004506.D
Acq: 19 Apr 2021 18:21

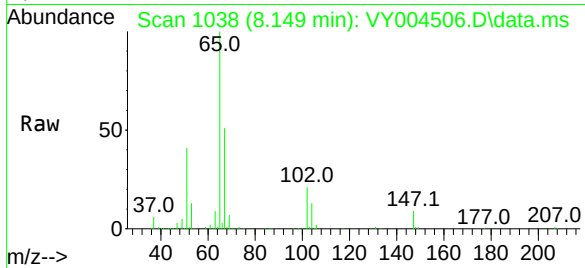
Tgt Ion:	56	Resp:	3265
Ion	Ratio	Lower	Upper
56	100		
69	158.4	25.8	38.6#
84	133.1	68.2	102.4#



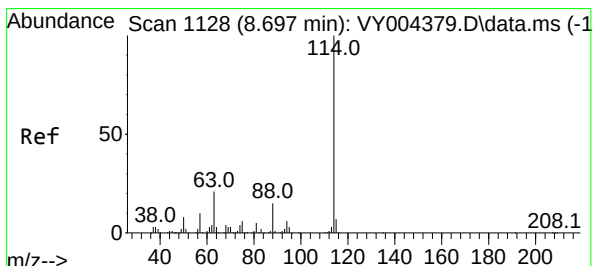
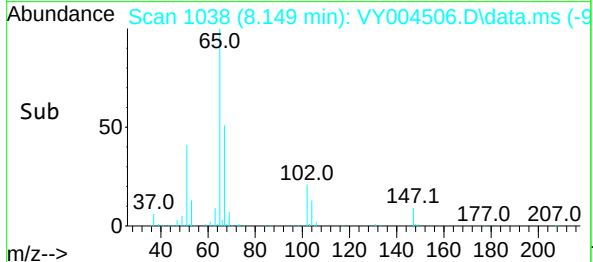
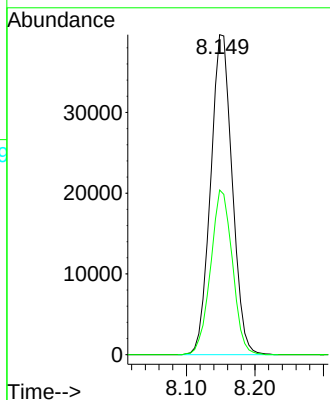


#33
 1,2-Dichloroethane-d4
 Concen: 58.09 ug/l
 RT: 8.149 min Scan# 1038
 Delta R.T. -0.006 min
 Lab File: VY004506.D
 Acq: 19 Apr 2021 18:21

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-13-14.5-15.0

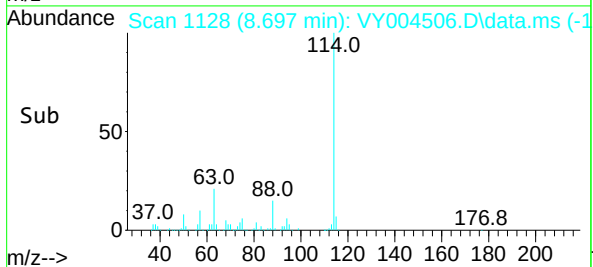
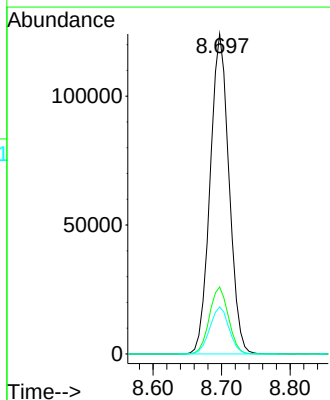
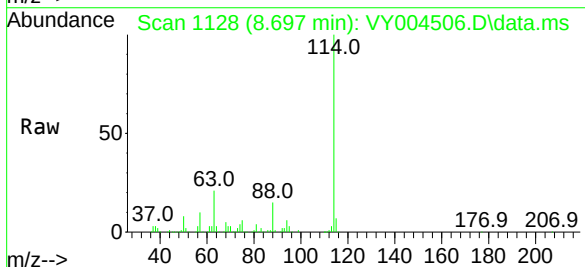


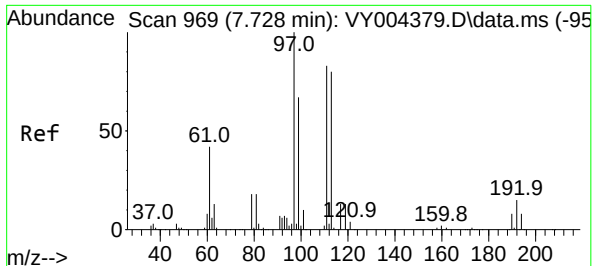
Tgt Ion: 65 Resp: 86696
 Ion Ratio Lower Upper
 65 100
 67 51.9 0.0 106.4



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.697 min Scan# 1128
 Delta R.T. 0.000 min
 Lab File: VY004506.D
 Acq: 19 Apr 2021 18:21

Tgt Ion: 114 Resp: 237821
 Ion Ratio Lower Upper
 114 100
 63 20.9 0.0 42.4
 88 14.7 0.0 30.8





#35

Dibromofluoromethane

Concen: 55.02 ug/l

RT: 7.728 min Scan# 969

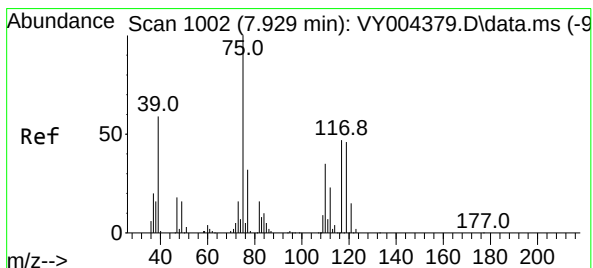
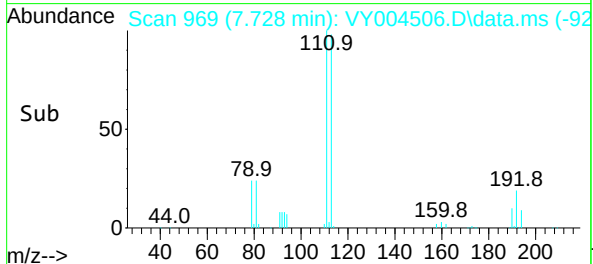
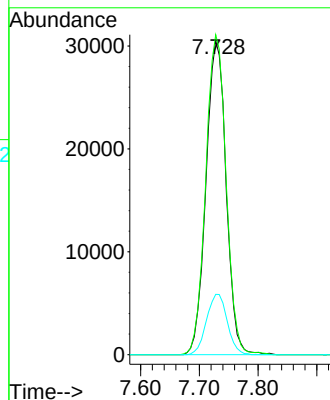
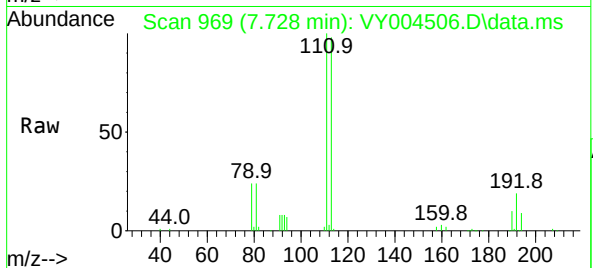
Delta R.T. 0.000 min

Lab File: VY004506.D

Acq: 19 Apr 2021 18:21

Tgt Ion:	113	Resp:	72613
Ion	Ratio	Lower	Upper
113	100		
111	103.3	82.6	123.8
192	19.8	16.1	24.1

Instrument :
MSVOA_Y
ClientSampleId :
SB-13-14.5-15.0



#36

1,1-Dichloropropene

Concen: 4.52 ug/l

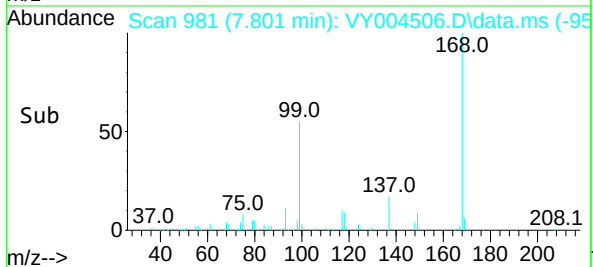
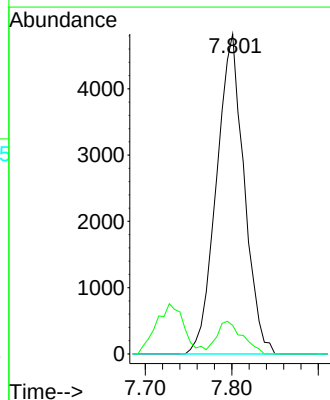
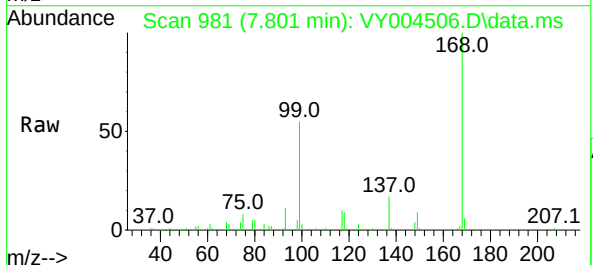
RT: 7.801 min Scan# 981

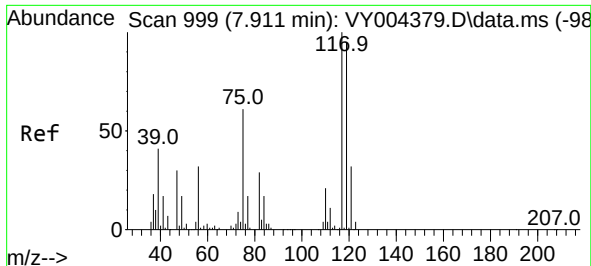
Delta R.T. -0.128 min

Lab File: VY004506.D

Acq: 19 Apr 2021 18:21

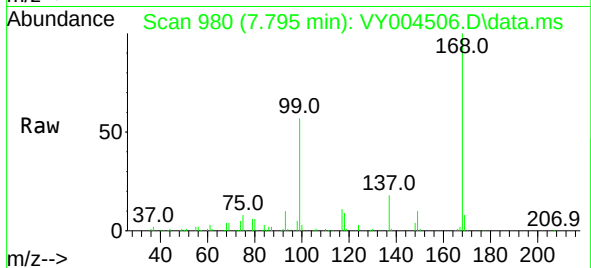
Tgt Ion:	75	Resp:	10670
Ion	Ratio	Lower	Upper
75	100		
110	9.5	17.3	51.7#
77	0.0	24.3	36.5#



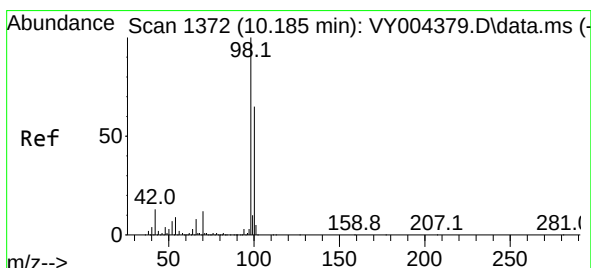
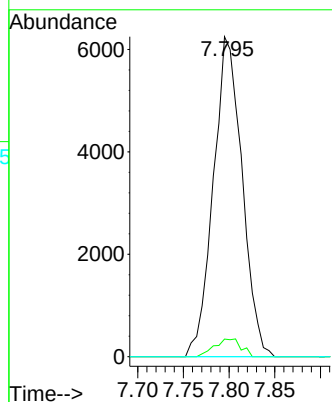
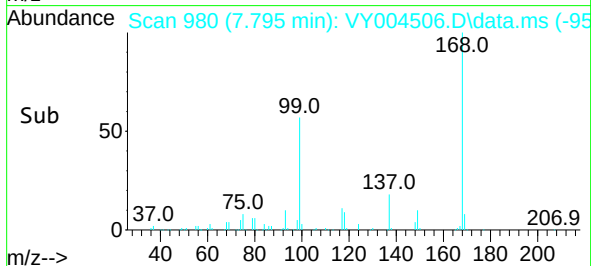


#38
Carbon Tetrachloride
Concen: 6.69 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.116 min
Lab File: VY004506.D
Acq: 19 Apr 2021 18:21

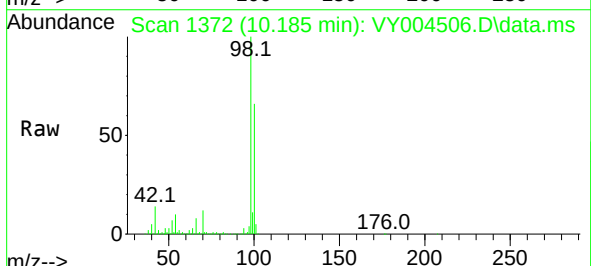
Instrument :
MSVOA_Y
ClientSampleId :
SB-13-14.5-15.0



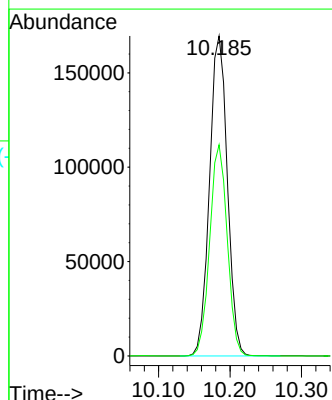
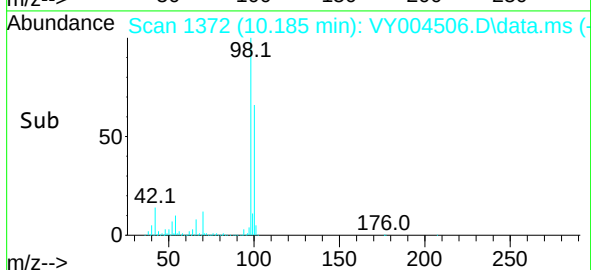
Tgt Ion:117 Resp: 13664
Ion Ratio Lower Upper
117 100
119 5.5 75.8 113.8#
121 0.0 25.3 37.9#

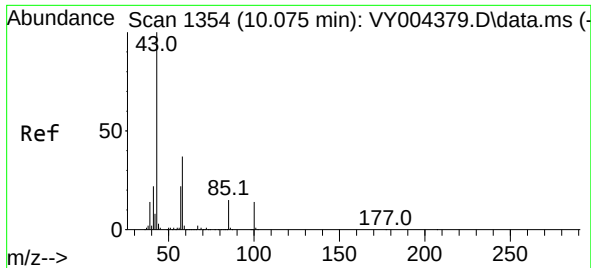


#50
Toluene-d8
Concen: 52.25 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY004506.D
Acq: 19 Apr 2021 18:21



Tgt Ion: 98 Resp: 293327
Ion Ratio Lower Upper
98 100
100 64.9 51.8 77.6

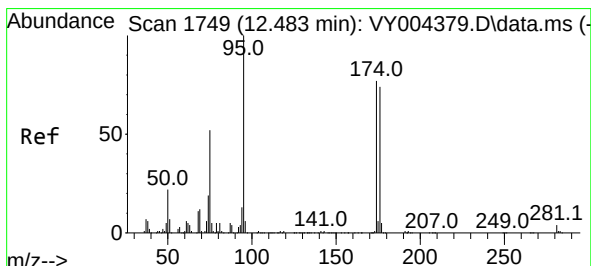
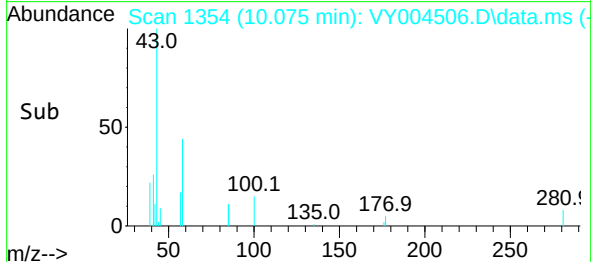
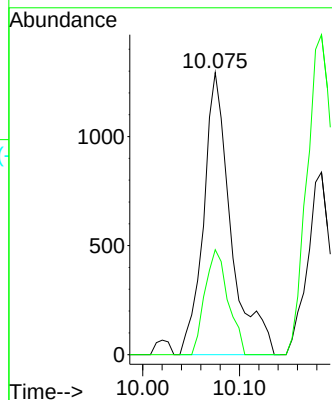
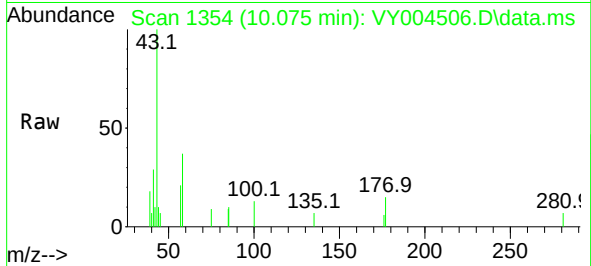




#51
4-Methyl-2-Pentanone
Concen: 1.72 ug/l
RT: 10.075 min Scan# 1354
Delta R.T. 0.000 min
Lab File: VY004506.D
Acq: 19 Apr 2021 18:21

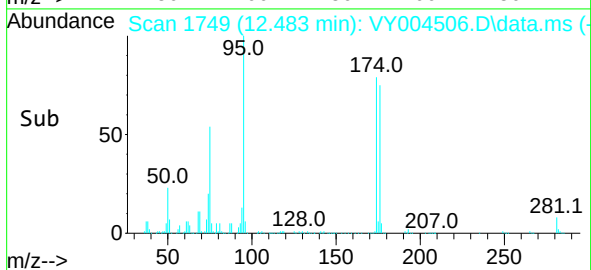
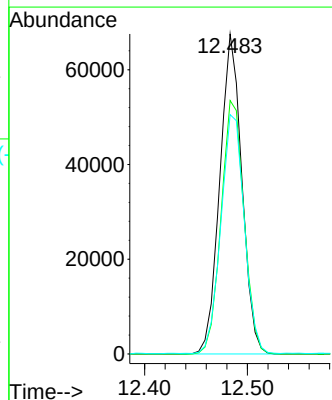
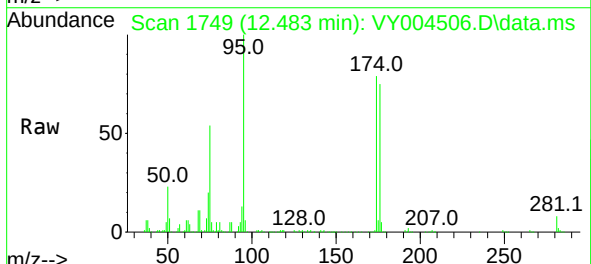
Instrument :
MSVOA_Y
ClientSampleId :
SB-13-14.5-15.0

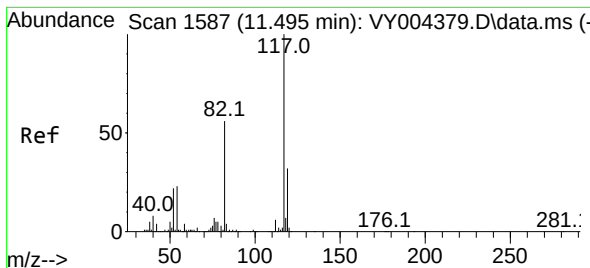
Tgt Ion: 43 Resp: 2542
Ion Ratio Lower Upper
43 100
58 31.6 29.2 43.8



#62
4-Bromofluorobenzene
Concen: 52.57 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY004506.D
Acq: 19 Apr 2021 18:21

Tgt Ion: 95 Resp: 100145
Ion Ratio Lower Upper
95 100
174 82.2 0.0 162.4
176 79.3 0.0 156.0

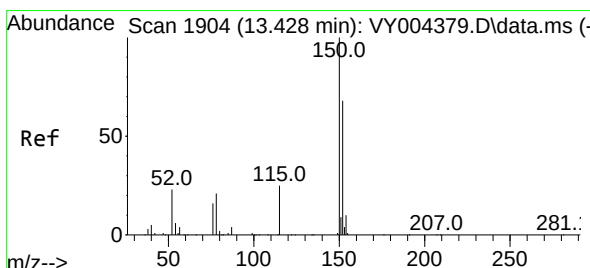
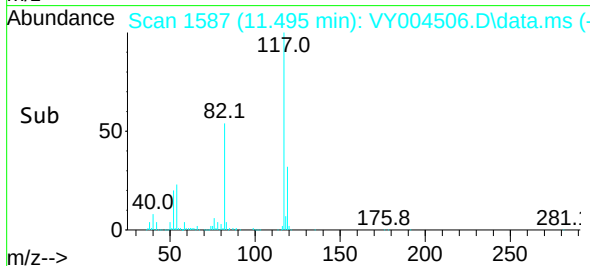
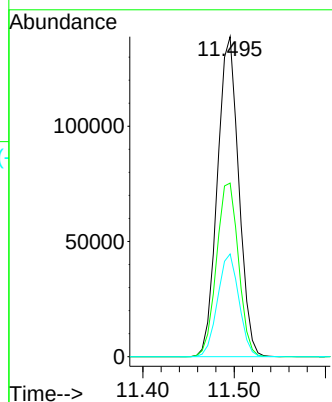
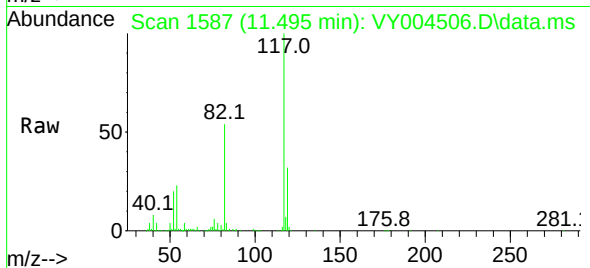




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY004506.D
Acq: 19 Apr 2021 18:21

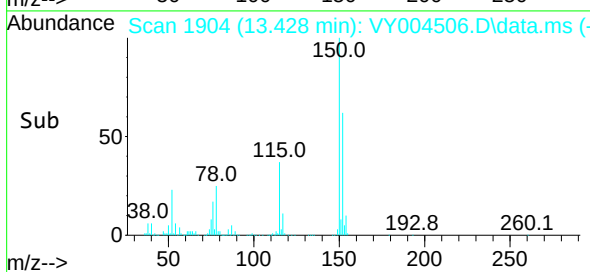
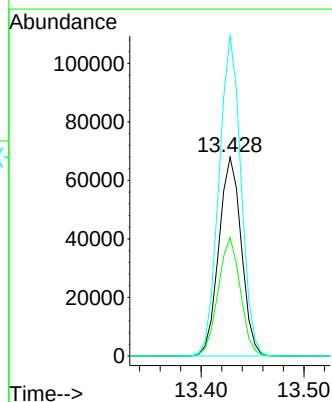
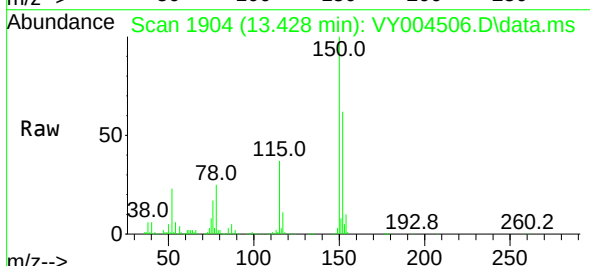
Instrument :
MSVOA_Y
ClientSampleId :
SB-13-14.5-15.0

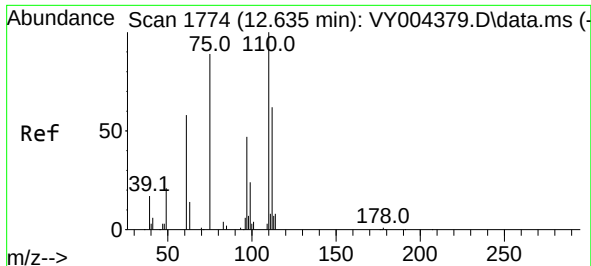
Tgt Ion:117 Resp: 225237
Ion Ratio Lower Upper
117 100
82 54.3 44.9 67.3
119 32.1 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY004506.D
Acq: 19 Apr 2021 18:21

Tgt Ion:152 Resp: 102940
Ion Ratio Lower Upper
152 100
115 58.8 29.6 88.8
150 157.9 0.0 348.4

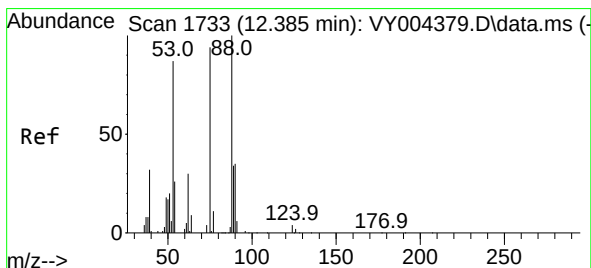
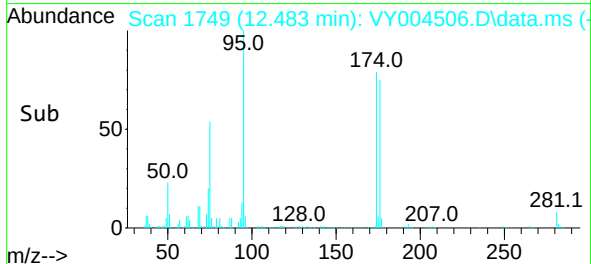
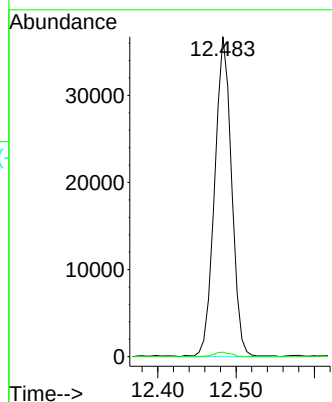
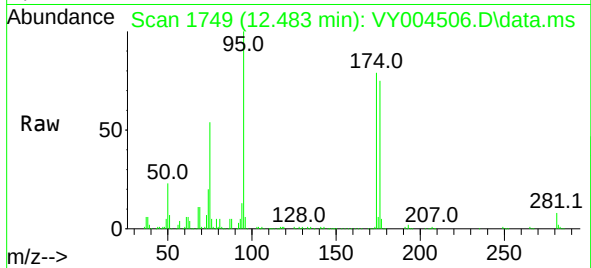




#76
1,2,3-Trichloropropane
Concen: 50.07 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY004506.D
Acq: 19 Apr 2021 18:21

Instrument :
MSVOA_Y
ClientSampleId :
SB-13-14.5-15.0

Tgt Ion: 75 Resp: 55319
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 89.57 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.098 min
Lab File: VY004506.D
Acq: 19 Apr 2021 18:21

Tgt Ion: 75 Resp: 55319
Ion Ratio Lower Upper
75 100
53 0.0 75.0 112.6#
89 0.0 36.1 54.1#

