

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042621\
 Data File : VY004627.D
 Acq On : 26 Apr 2021 14:16
 Operator : SY/MD
 Sample : M2176-01
 Misc : 5.73G/5ML/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Apr 27 09:32:58 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)

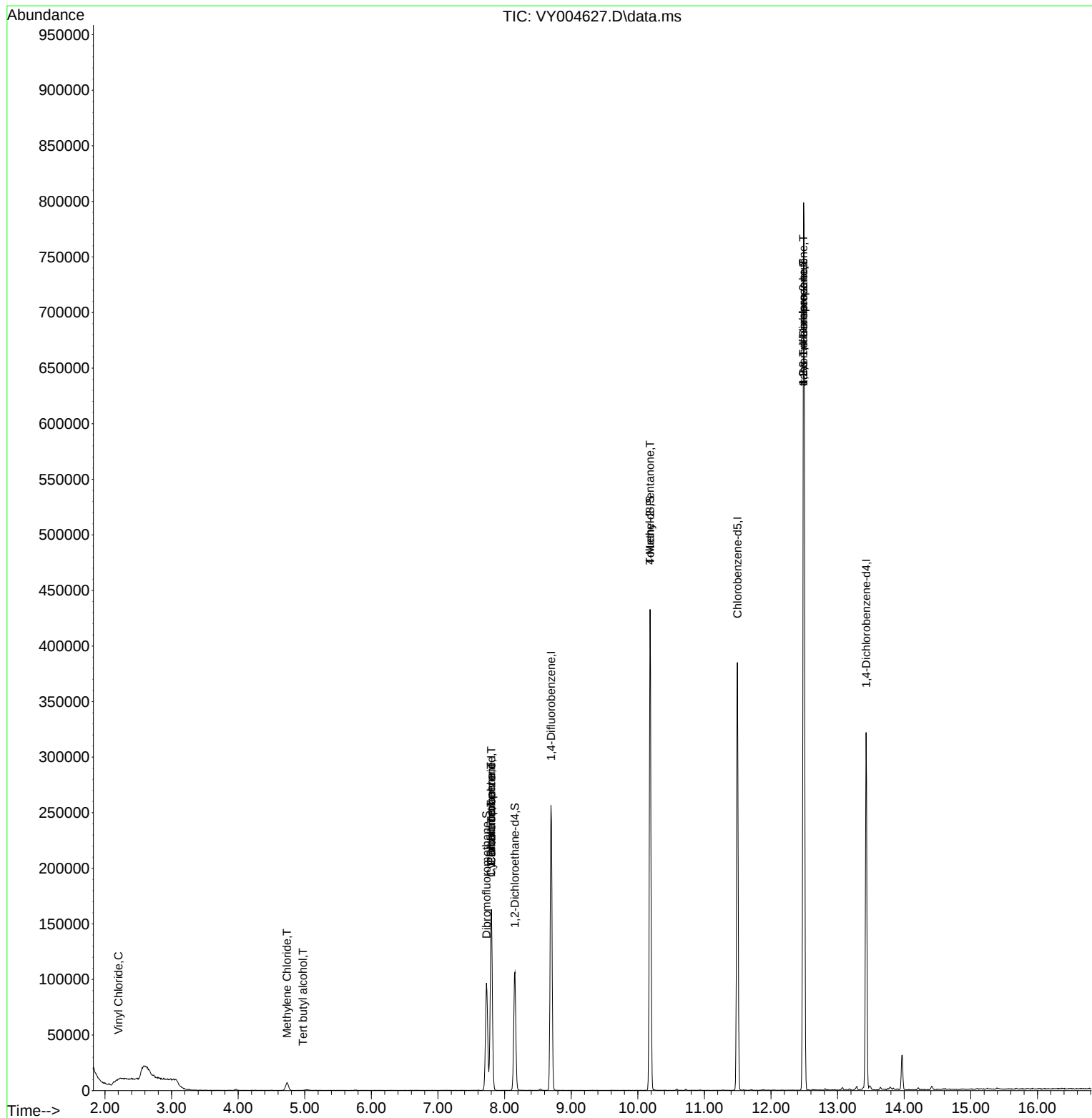
Internal Standards						
1) Pentafluorobenzene	7.801	168	121243	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	211507	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	194021	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	76415	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	81317	60.37	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	= 120.74%		
35) Dibromofluoromethane	7.728	113	64969	55.35	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	= 110.70%		
50) Toluene-d8	10.185	98	259422	51.96	ug/l	0.00
Spiked Amount	50.000	Range 49 - 140	Recovery	= 103.92%		
62) 4-Bromofluorobenzene	12.483	95	84732	50.01	ug/l	0.00
Spiked Amount	50.000	Range 25 - 144	Recovery	= 100.02%		
Target Compounds						
					Qvalue	
4) Vinyl Chloride	2.204	62	4128	2.41	ug/l #	43
11) Tert butyl alcohol	4.972	59	170	1.28	ug/l #	73
16) Acetone	3.966	43	1710	Below Cal	#	84
20) Methylene Chloride	4.734	84	5081	3.91	ug/l #	91
31) Cyclohexane	7.795	56	3016	1.22	ug/l #	1
36) 1,1-Dichloropropene	7.795	75	10245	4.87	ug/l #	51
38) Carbon Tetrachloride	7.801	117	12397	6.82	ug/l #	17
51) 4-Methyl-2-Pentanone	10.185	43	1421	1.08	ug/l #	1
76) 1,2,3-Trichloropropane	12.483	75	51834	63.20	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	51834	113.06	ug/l #	14

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

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ClientSampleId :

Quant Time: Apr 27 09:32:58 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

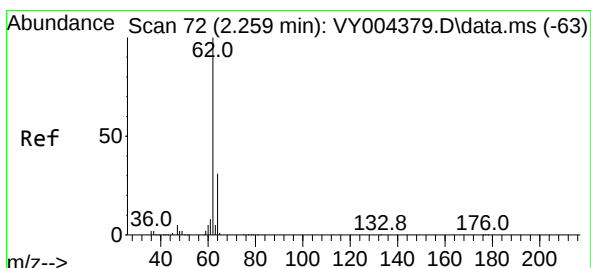
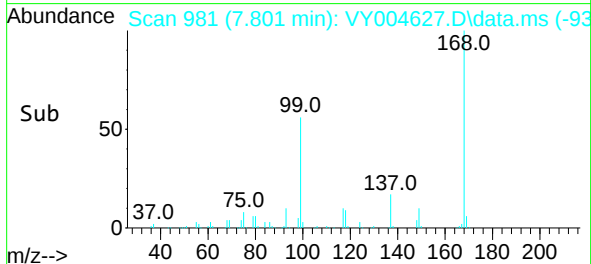
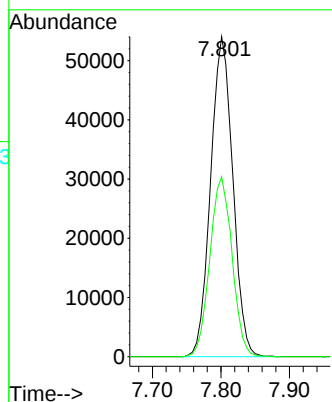
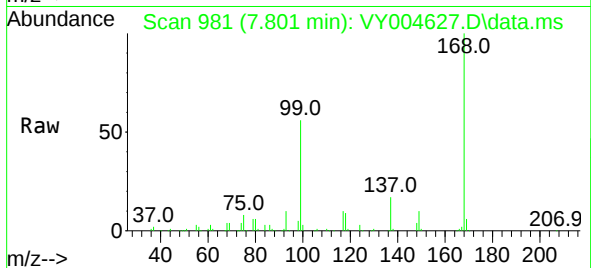




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.000 min
Lab File: VY004627.D
Acq: 26 Apr 2021 14:16

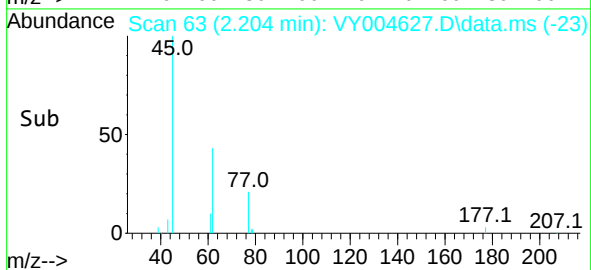
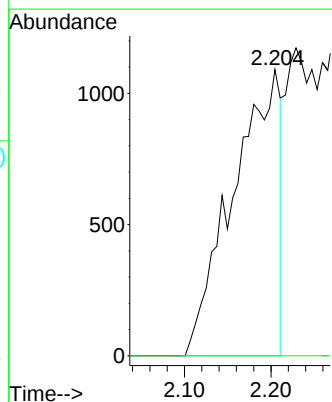
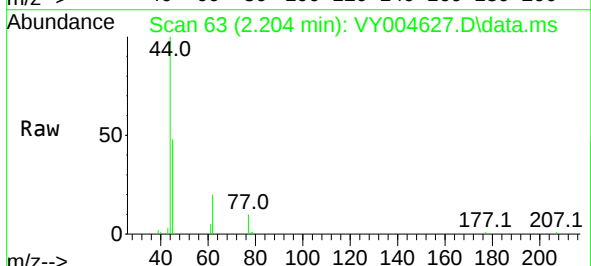
Instrument :
MSVOA_Y
ClientSampled :

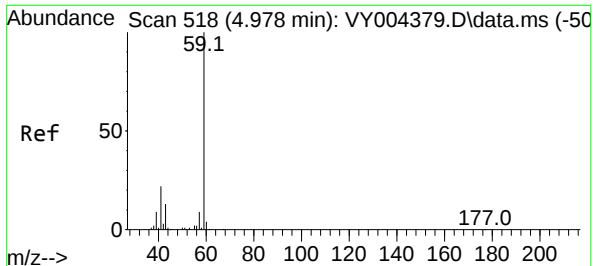
Tgt Ion:168 Resp: 121243
Ion Ratio Lower Upper
168 100
99 56.2 45.5 68.3



#4
Vinyl Chloride
Concen: 2.41 ug/l
RT: 2.204 min Scan# 63
Delta R.T. -0.055 min
Lab File: VY004627.D
Acq: 26 Apr 2021 14:16

Tgt Ion: 62 Resp: 4128
Ion Ratio Lower Upper
62 100
64 0.0 25.1 37.7#



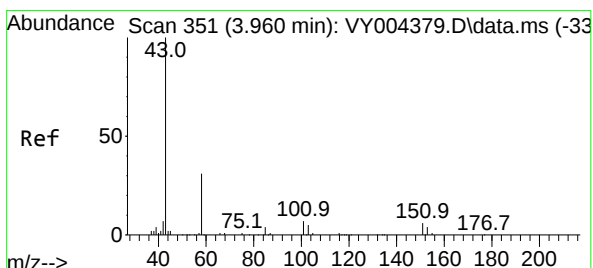
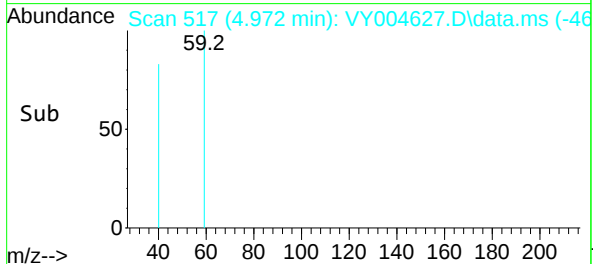
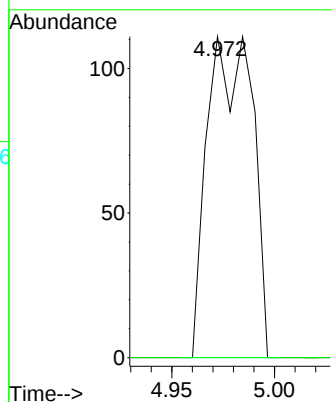
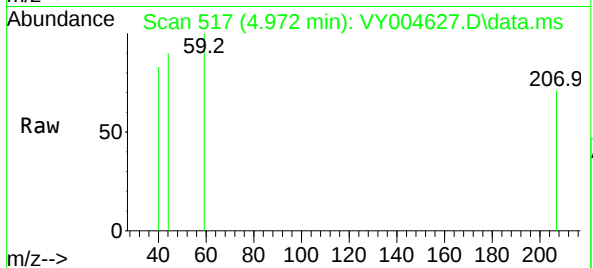


#11

Tert butyl alcohol
Concen: 1.28 ug/l
RT: 4.972 min Scan# 517
Delta R.T. -0.006 min
Lab File: VY004627.D
Acq: 26 Apr 2021 14:16

Instrument :
MSVOA_Y
ClientSampled :

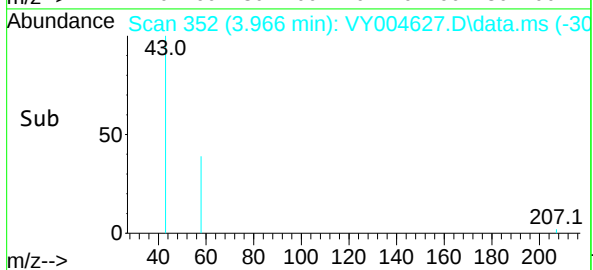
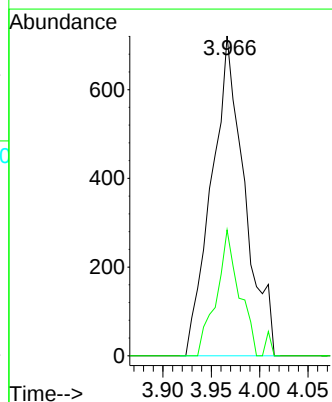
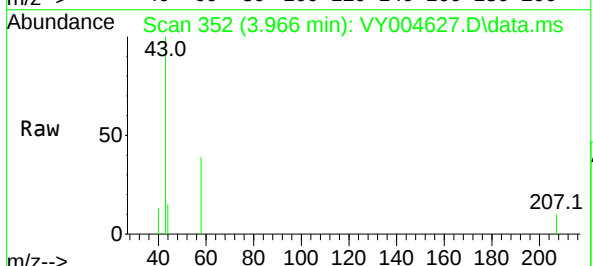
Tgt Ion: 59 Resp: 170
Ion Ratio Lower Upper
59 100
57 0.0 8.1 12.1#

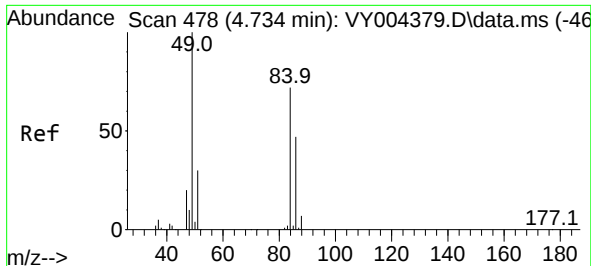


#16

Acetone
Concen: Below Cal
RT: 3.966 min Scan# 352
Delta R.T. 0.006 min
Lab File: VY004627.D
Acq: 26 Apr 2021 14:16

Tgt Ion: 43 Resp: 1710
Ion Ratio Lower Upper
43 100
58 39.4 24.6 37.0#





#20

Methylene Chloride

Concen: 3.91 ug/l

RT: 4.734 min Scan# 478

Delta R.T. 0.000 min

Lab File: VY004627.D

Acq: 26 Apr 2021 14:16

Tgt Ion: 84 Resp: 5081

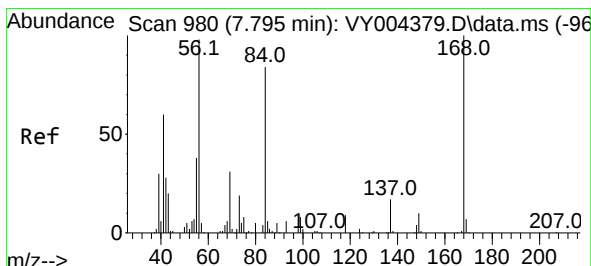
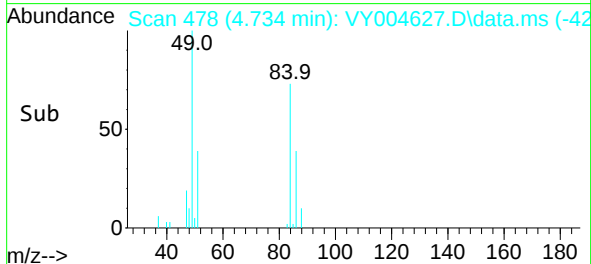
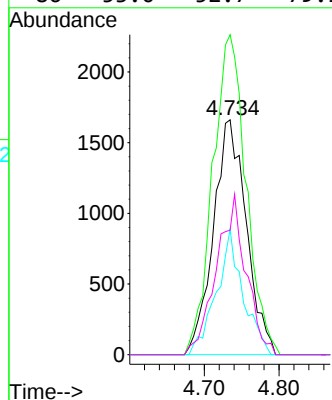
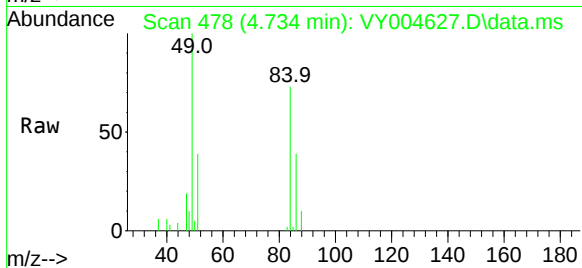
Ion Ratio Lower Upper

84 100

49 136.2 111.2 166.8

51 53.5 33.4 50.2#

86 53.0 52.7 79.1



#31

Cyclohexane

Concen: 1.22 ug/l

RT: 7.795 min Scan# 980

Delta R.T. 0.000 min

Lab File: VY004627.D

Acq: 26 Apr 2021 14:16

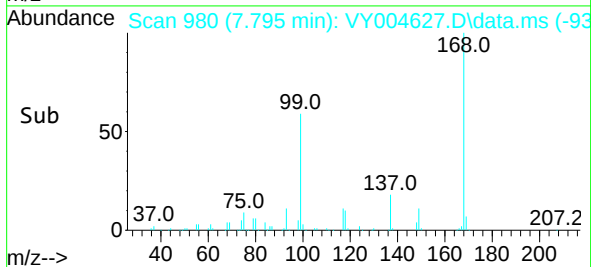
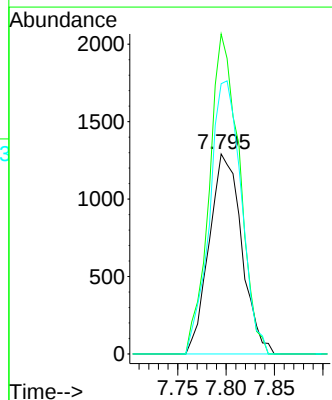
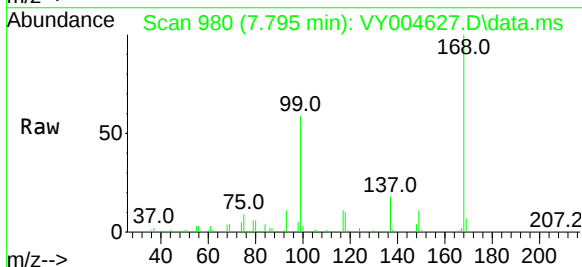
Tgt Ion: 56 Resp: 3016

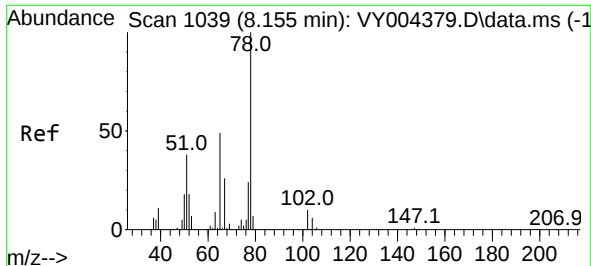
Ion Ratio Lower Upper

56 100

69 160.0 25.8 38.6#

84 135.2 68.2 102.4#

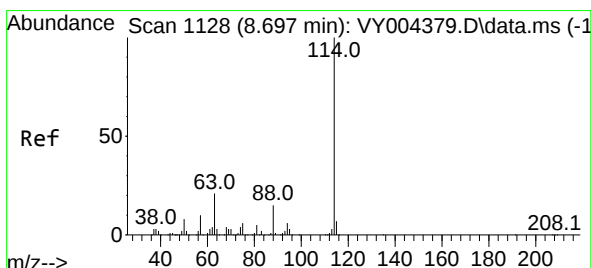
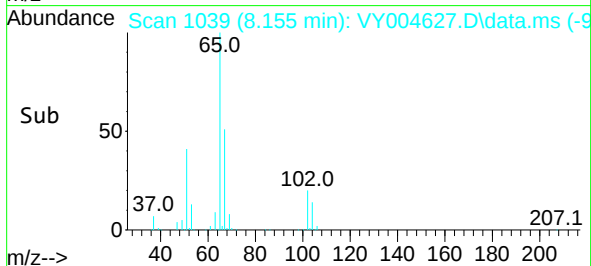
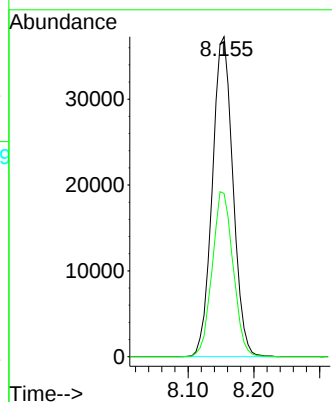
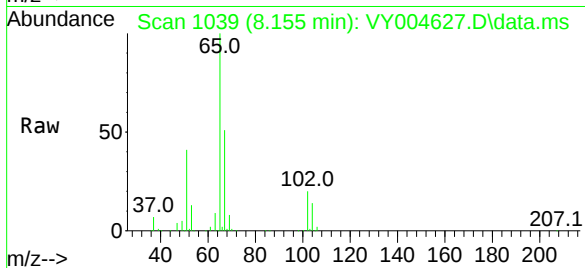




#33
1,2-Dichloroethane-d4
Concen: 60.37 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. 0.000 min
Lab File: VY004627.D
Acq: 26 Apr 2021 14:16

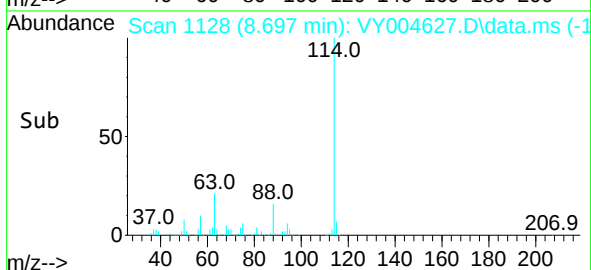
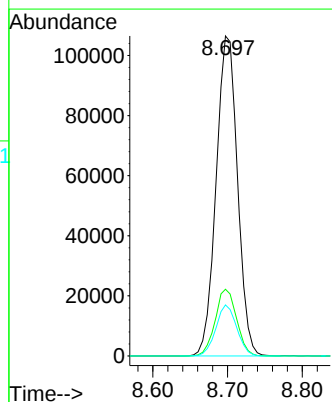
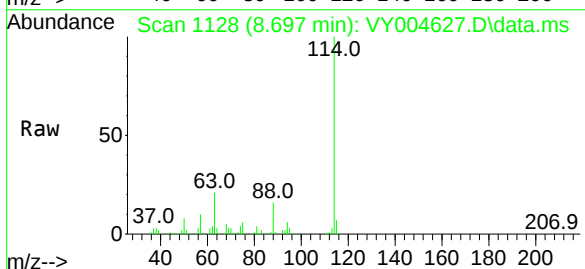
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 65 Resp: 81317
Ion Ratio Lower Upper
65 100
67 52.2 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: VY004627.D
Acq: 26 Apr 2021 14:16

Tgt Ion: 114 Resp: 211507
Ion Ratio Lower Upper
114 100
63 20.8 0.0 42.4
88 15.9 0.0 30.8

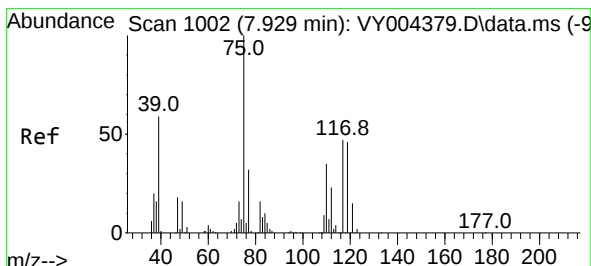
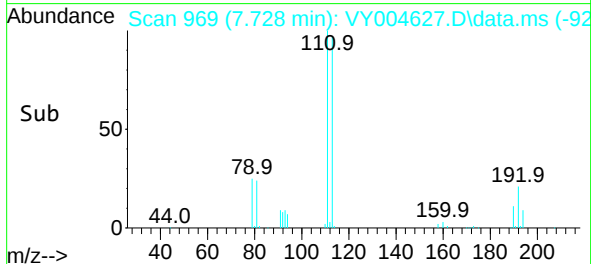
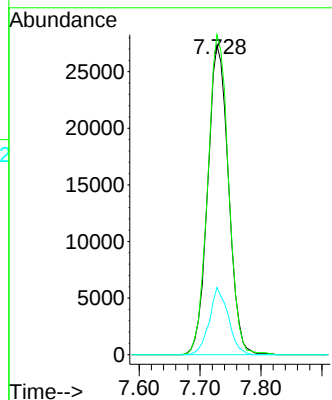
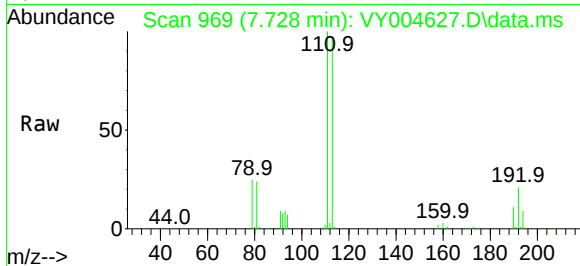




#35
Dibromofluoromethane
Concen: 55.35 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.000 min
Lab File: VY004627.D
Acq: 26 Apr 2021 14:16

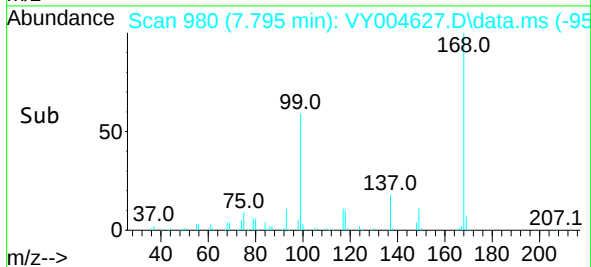
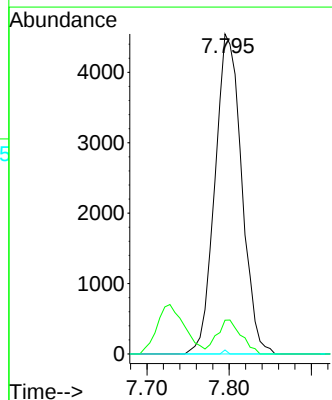
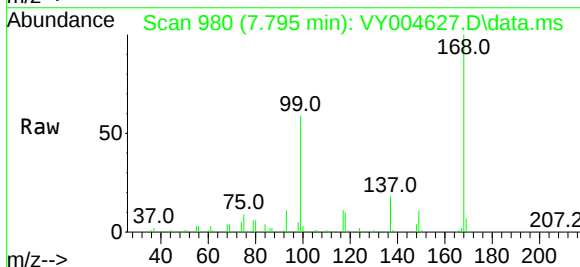
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:	113	Resp:	64969
Ion	Ratio	Lower	Upper
113	100		
111	103.0	82.6	123.8
192	19.7	16.1	24.1



#36
1,1-Dichloropropene
Concen: 4.87 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.134 min
Lab File: VY004627.D
Acq: 26 Apr 2021 14:16

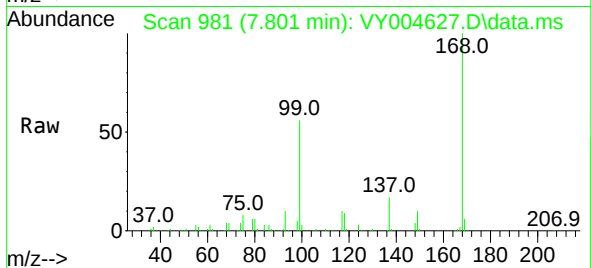
Tgt Ion:	75	Resp:	10245
Ion	Ratio	Lower	Upper
75	100		
110	9.6	17.3	51.7#
77	0.2	24.3	36.5#



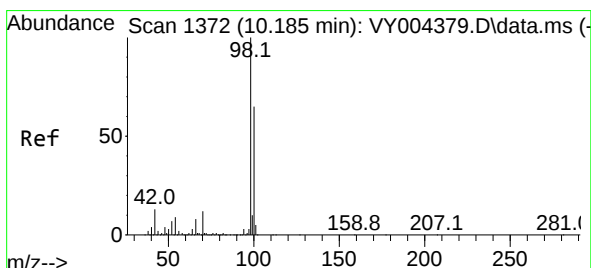
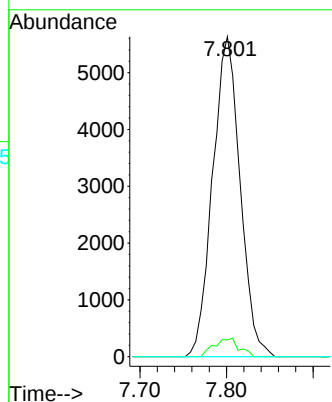
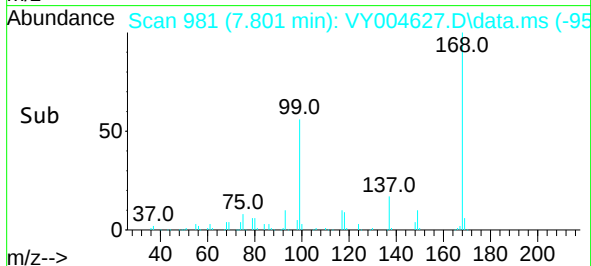


#38
Carbon Tetrachloride
Concen: 6.82 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.110 min
Lab File: VY004627.D
Acq: 26 Apr 2021 14:16

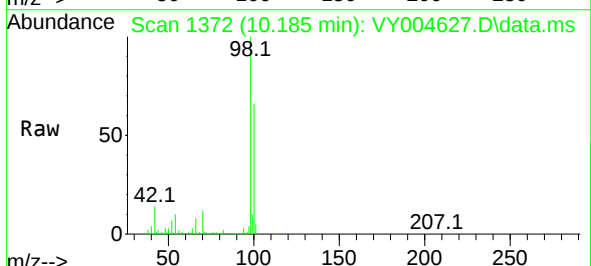
Instrument :
MSVOA_Y
ClientSampled :



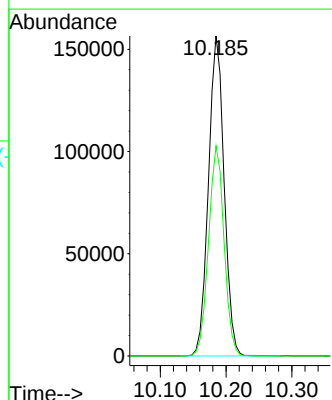
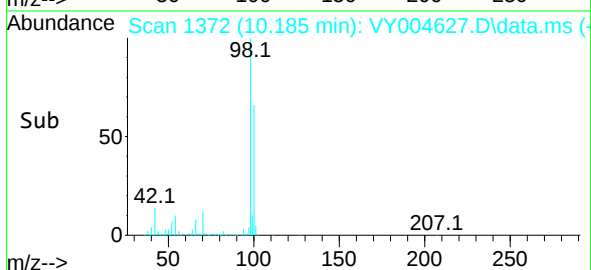
Tgt Ion:117 Resp: 12397
Ion Ratio Lower Upper
117 100
119 5.3 75.8 113.8#
121 0.0 25.3 37.9#

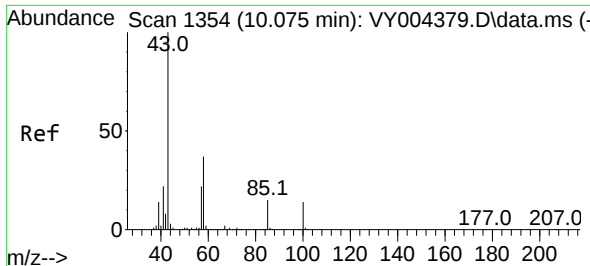


#50
Toluene-d8
Concen: 51.96 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY004627.D
Acq: 26 Apr 2021 14:16



Tgt Ion: 98 Resp: 259422
Ion Ratio Lower Upper
98 100
100 65.0 51.8 77.6

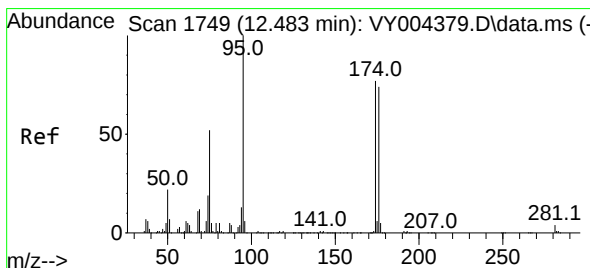
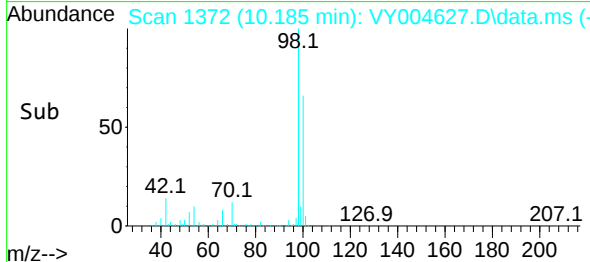
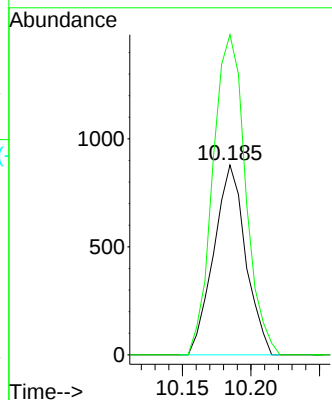
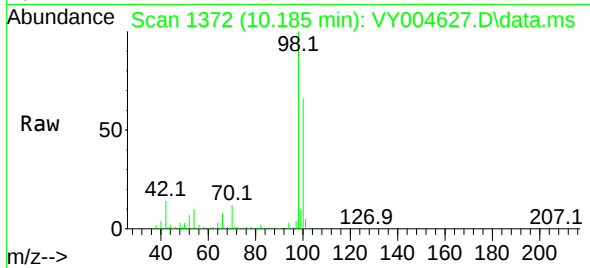




#51
4-Methyl-2-Pentanone
Concen: 1.08 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.110 min
Lab File: VY004627.D
Acq: 26 Apr 2021 14:16

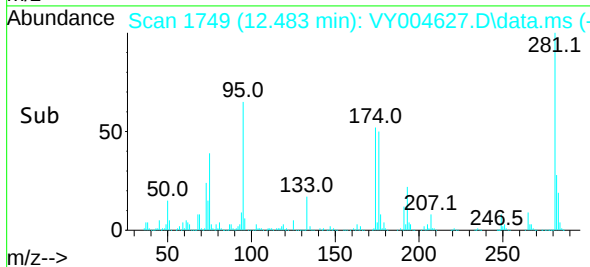
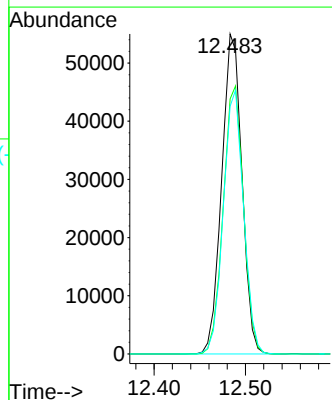
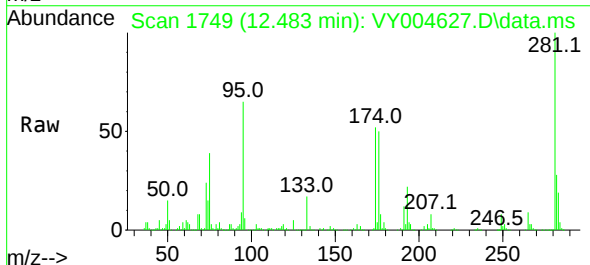
Instrument :
MSVOA_Y
ClientSampled :

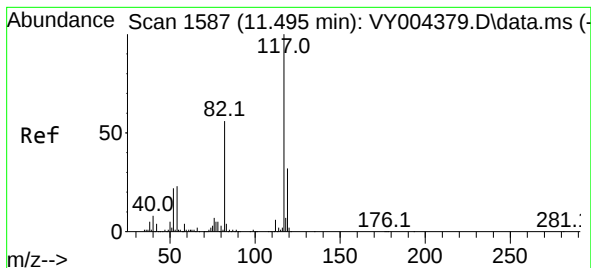
Tgt Ion: 43 Resp: 1421
Ion Ratio Lower Upper
43 100
58 172.6 29.2 43.8#



#62
4-Bromofluorobenzene
Concen: 50.01 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY004627.D
Acq: 26 Apr 2021 14:16

Tgt Ion: 95 Resp: 84732
Ion Ratio Lower Upper
95 100
174 83.8 0.0 162.4
176 82.4 0.0 156.0

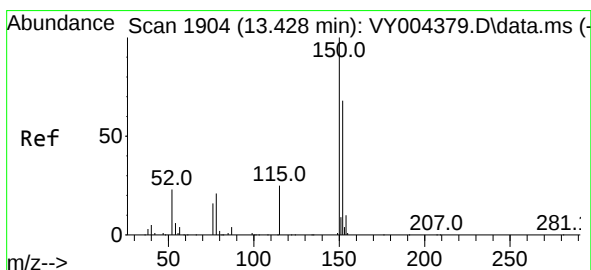
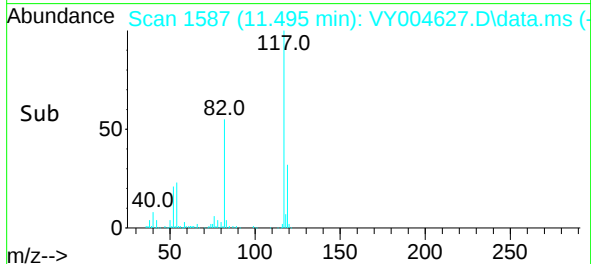
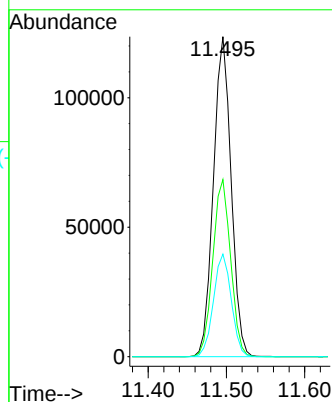
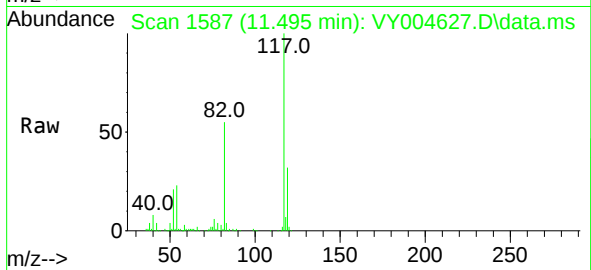




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY004627.D
Acq: 26 Apr 2021 14:16

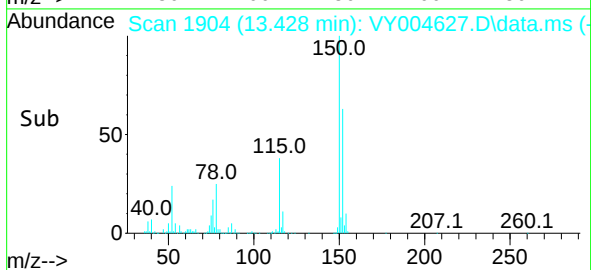
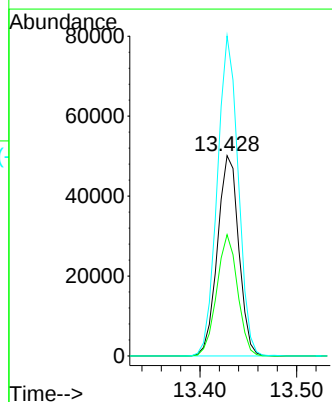
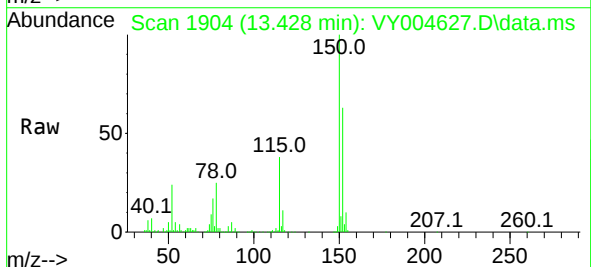
Instrument :
MSVOA_Y
ClientSampled :

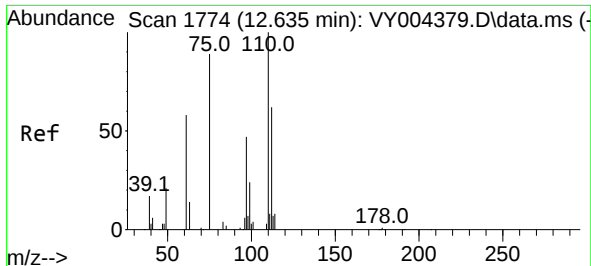
Tgt Ion:117 Resp: 194021
Ion Ratio Lower Upper
117 100
82 55.4 44.9 67.3
119 32.1 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY004627.D
Acq: 26 Apr 2021 14:16

Tgt Ion:152 Resp: 76415
Ion Ratio Lower Upper
152 100
115 59.3 29.6 88.8
150 157.0 0.0 348.4

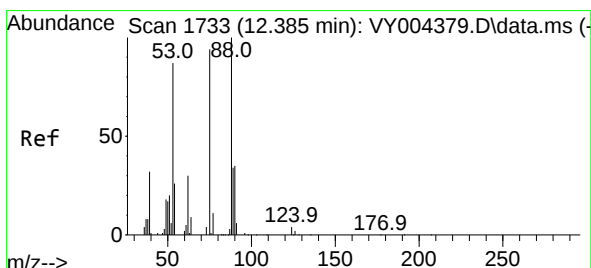
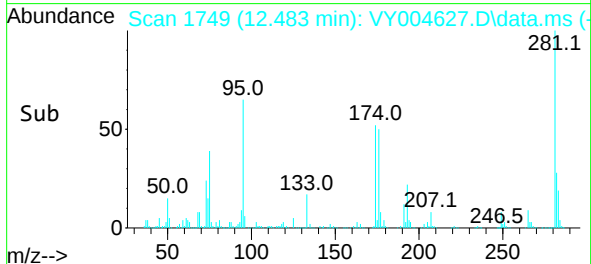
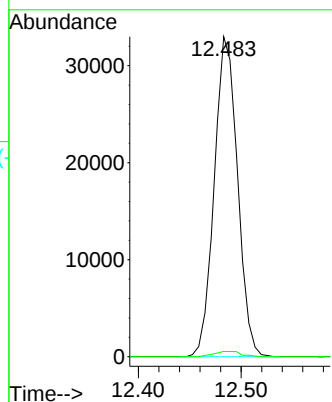
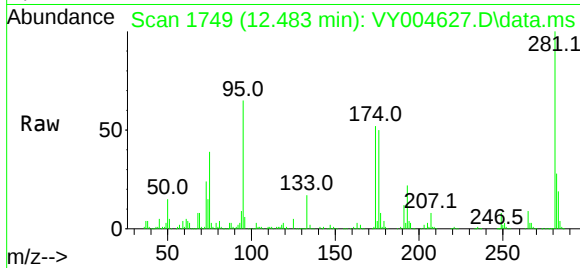




#76
1,2,3-Trichloropropane
Concen: 63.20 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY004627.D
Acq: 26 Apr 2021 14:16

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 51834
Ion Ratio Lower Upper
75 100
77 1.9 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 113.06 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.098 min
Lab File: VY004627.D
Acq: 26 Apr 2021 14:16

Tgt Ion: 75 Resp: 51834
Ion Ratio Lower Upper
75 100
53 0.0 75.0 112.6#
89 3.5 36.1 54.1#

