

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081621\
 Data File : VY005679.D
 Acq On : 16 Aug 2021 18:37
 Operator : SY/MD
 Sample : M3389-11
 Misc : 5.14G/5ML/MSVOA_Y/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CRT-17

Quant Time: Aug 17 05:20:57 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080221S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 03 04:52:05 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	18348	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	27992	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	26978	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	12680	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	11109	59.813	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 119.620%	
35) Dibromofluoromethane	7.722	113	9181	58.582	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 117.160%	
50) Toluene-d8	10.185	98	35343	53.772	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 107.540%	
62) 4-Bromofluorobenzene	12.483	95	10454	48.030	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 96.060%	

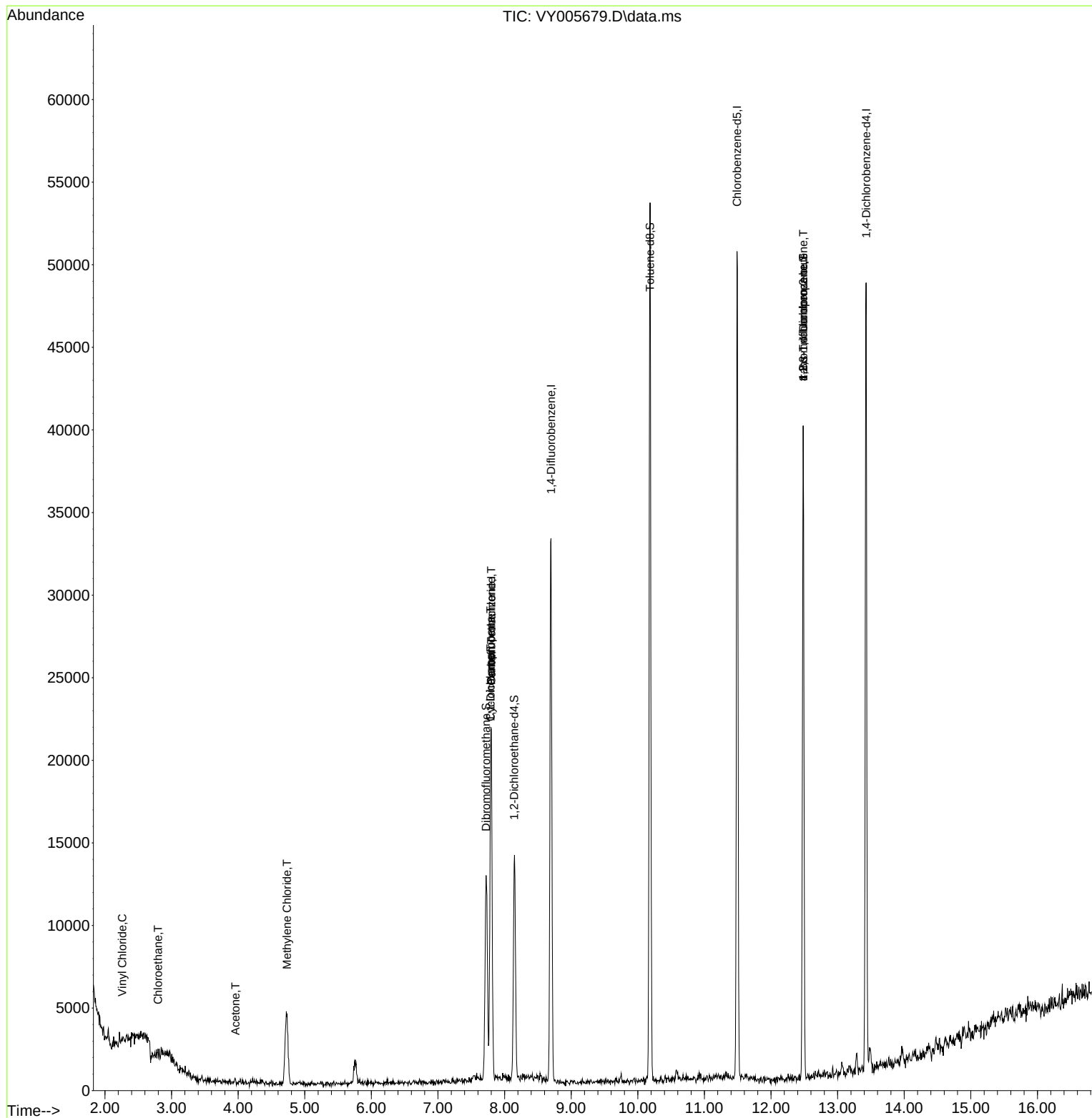
Target Compounds					Qvalue	
4) Vinyl Chloride	2.259	62	315	1.461	ug/l #	42
6) Chloroethane	2.796	64	131	1.007	ug/l #	42
16) Acetone	3.960	43	142	3.032	ug/l #	45
20) Methylene Chloride	4.734	84	3492	14.509	ug/l #	86
31) Cyclohexane	7.789	56	415	1.303	ug/l #	63
36) 1,1-Dichloropropene	7.789	75	1437	5.473	ug/l #	42
38) Carbon Tetrachloride	7.801	117	1568	5.495	ug/l #	20
76) 1,2,3-Trichloropropane	12.483	75	6163	46.902	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	6163	94.549	ug/l #	11

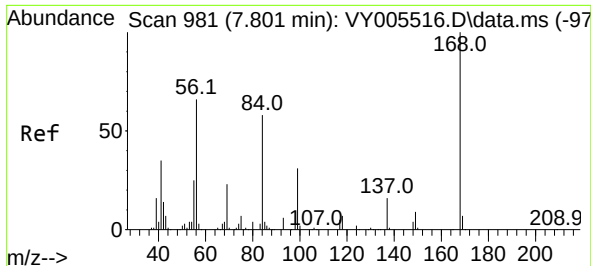
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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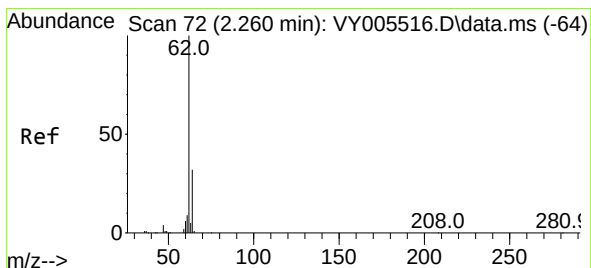
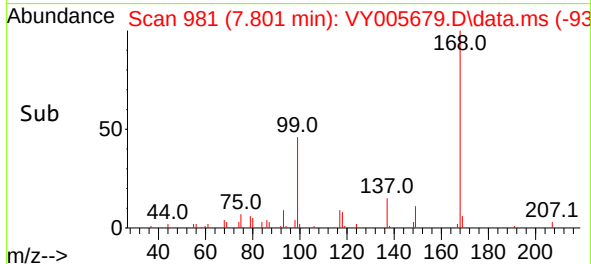
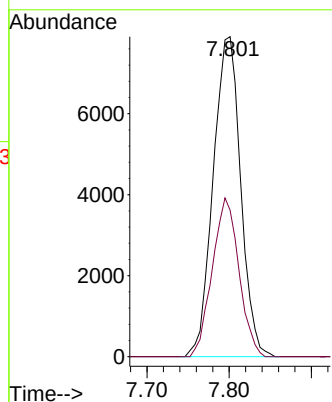
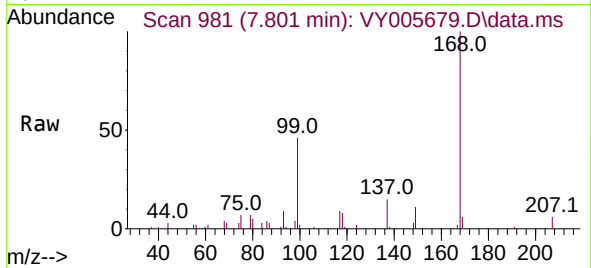




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY005679.D
Acq: 16 Aug 2021 18:37

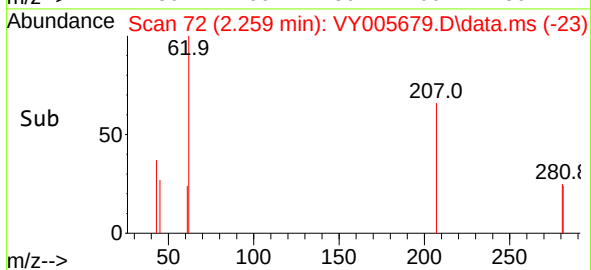
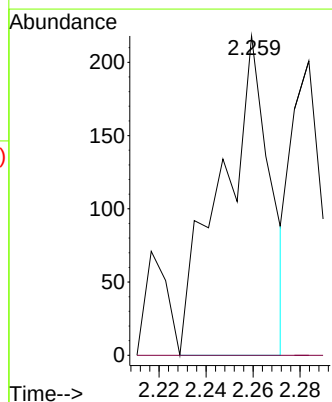
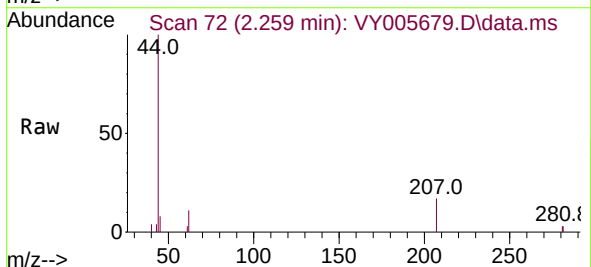
Instrument :
MSVOA_Y
ClientSampleId :
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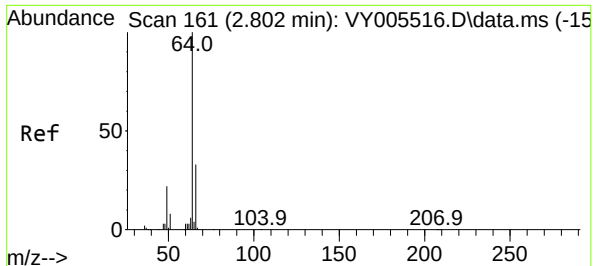
Tgt Ion:168 Resp: 18348
Ion Ratio Lower Upper
168 100
99 45.8 38.9 58.3



#4
Vinyl Chloride
Concen: 1.461 ug/l
RT: 2.259 min Scan# 72
Delta R.T. -0.000 min
Lab File: VY005679.D
Acq: 16 Aug 2021 18:37

Tgt Ion: 62 Resp: 315
Ion Ratio Lower Upper
62 100
64 0.0 25.9 38.9#

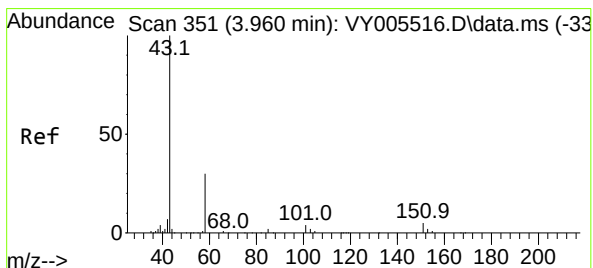
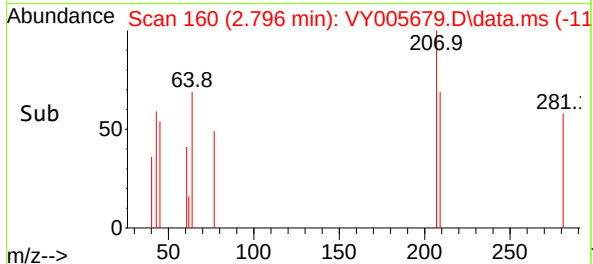
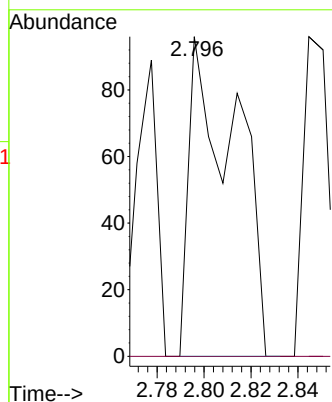
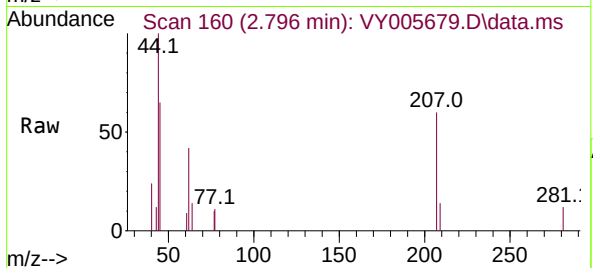




#6
Chloroethane
Concen: 1.007 ug/l
RT: 2.796 min Scan# 160
Delta R.T. -0.006 min
Lab File: VY005679.D
Acq: 16 Aug 2021 18:37

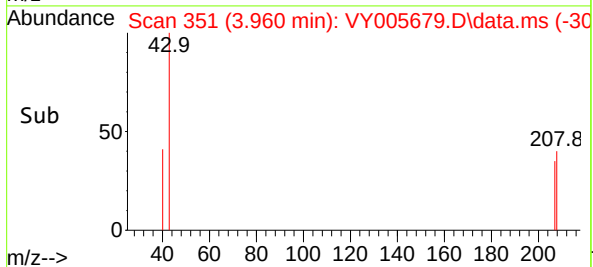
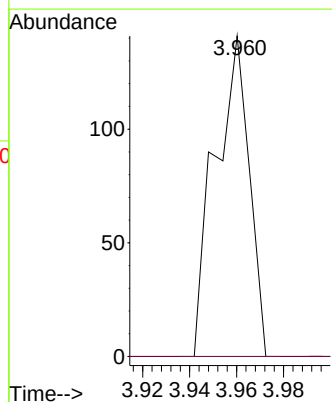
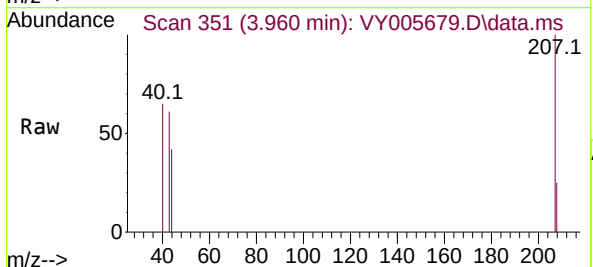
Instrument :
MSVOA_Y
ClientSampleId :
CRT-17

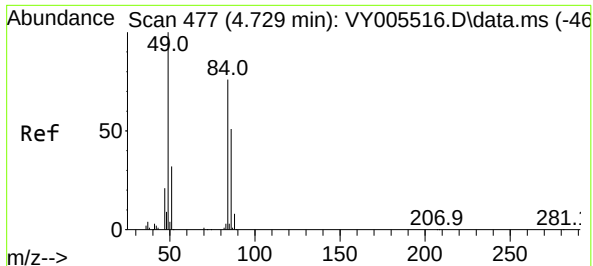
Tgt Ion: 64 Resp: 131
Ion Ratio Lower Upper
64 100
66 0.0 26.1 39.1#



#16
Acetone
Concen: 3.032 ug/l
RT: 3.960 min Scan# 351
Delta R.T. -0.000 min
Lab File: VY005679.D
Acq: 16 Aug 2021 18:37

Tgt Ion: 43 Resp: 142
Ion Ratio Lower Upper
43 100
58 0.0 23.8 35.6#

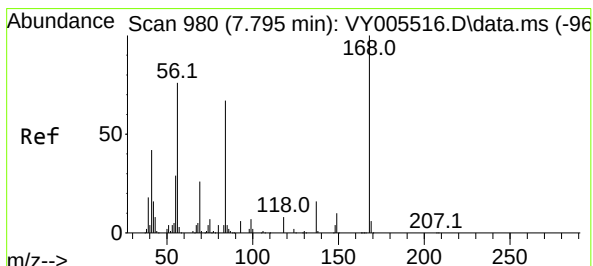
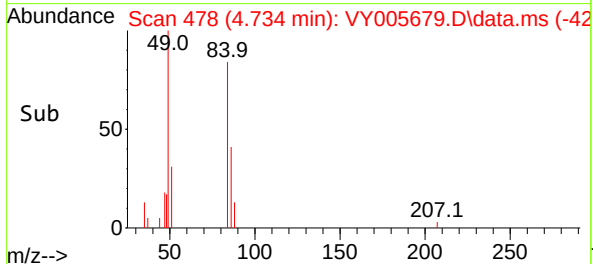
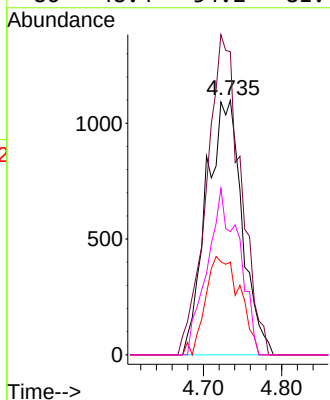
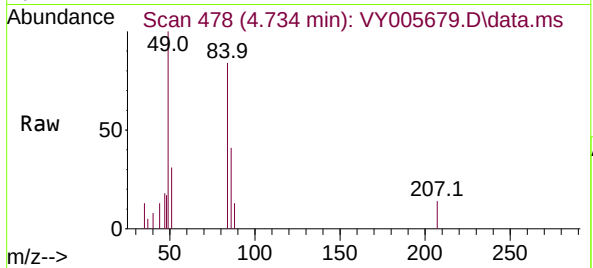




#20
Methylene Chloride
Concen: 14.509 ug/l
RT: 4.734 min Scan# 478
Delta R.T. 0.005 min
Lab File: VY005679.D
Acq: 16 Aug 2021 18:37

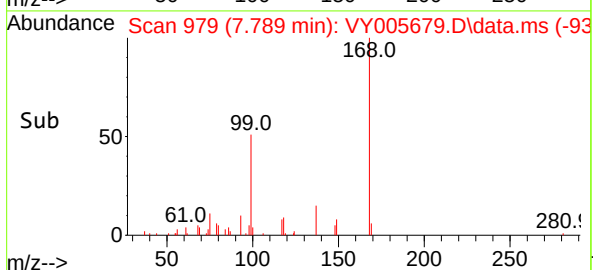
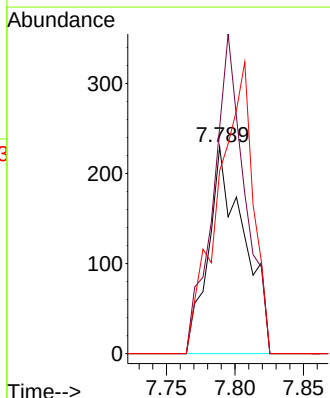
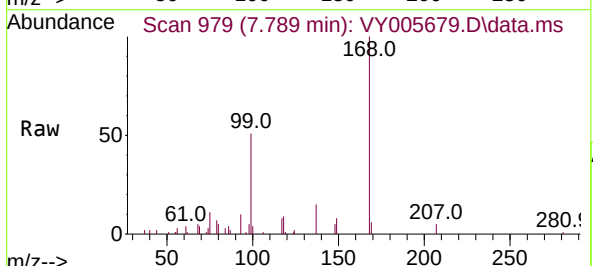
Instrument :
MSVOA_Y
ClientSampleId :
CRT-17

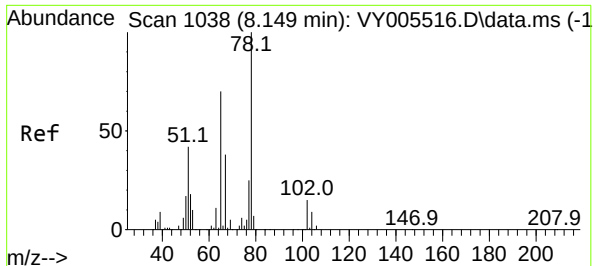
Tgt Ion:	84	Resp:	3492
Ion	Ratio	Lower	Upper
84	100		
49	119.1	105.8	158.6
51	36.4	33.4	50.2
86	48.4	54.2	81.4



#31
Cyclohexane
Concen: 1.303 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.006 min
Lab File: VY005679.D
Acq: 16 Aug 2021 18:37

Tgt Ion:	56	Resp:	415
Ion	Ratio	Lower	Upper
56	100		
69	109.1	27.7	41.5
84	88.3	70.9	106.3

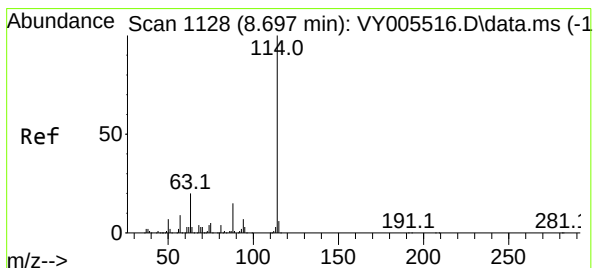
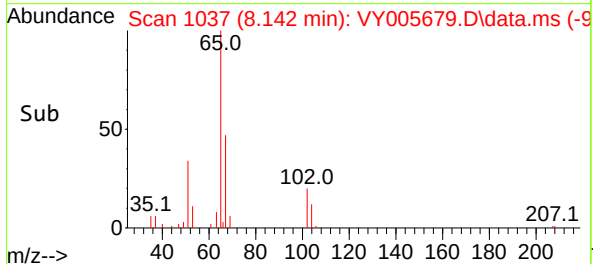
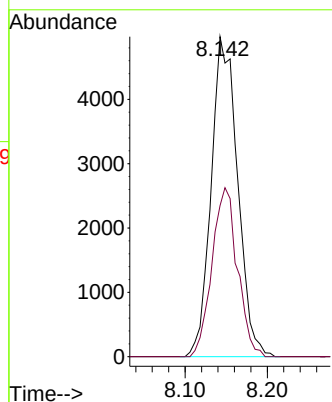
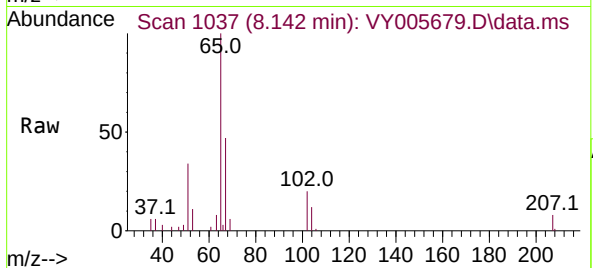




#33
 1,2-Dichloroethane-d4
 Concen: 59.813 ug/l
 RT: 8.142 min Scan# 1037
 Delta R.T. -0.006 min
 Lab File: VY005679.D
 Acq: 16 Aug 2021 18:37

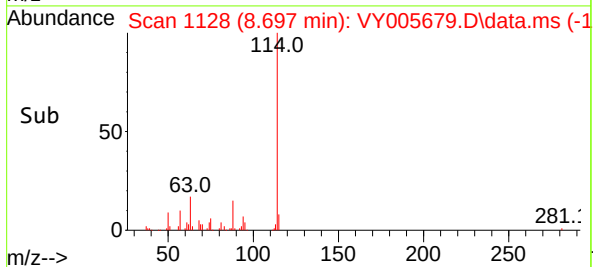
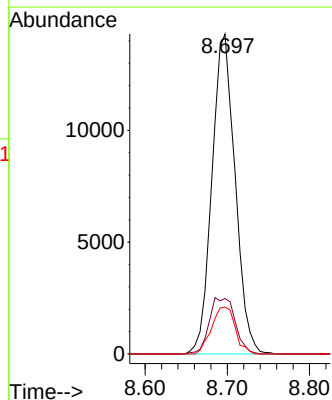
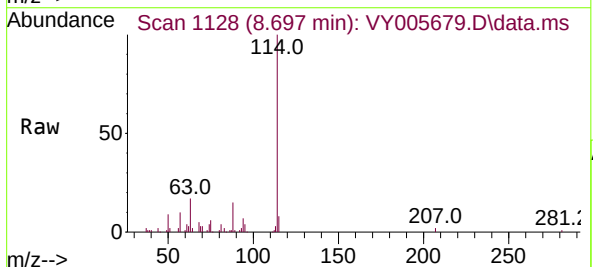
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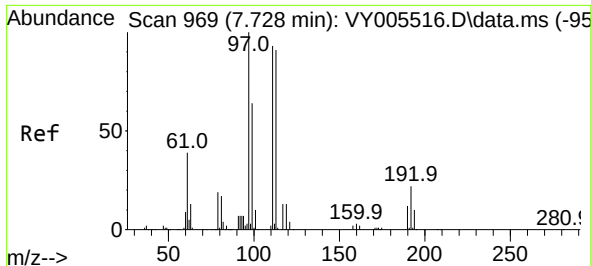
Tgt Ion: 65 Resp: 11109
 Ion Ratio Lower Upper
 65 100
 67 50.8 0.0 103.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.697 min Scan# 1128
 Delta R.T. -0.000 min
 Lab File: VY005679.D
 Acq: 16 Aug 2021 18:37

Tgt Ion: 114 Resp: 27992
 Ion Ratio Lower Upper
 114 100
 63 17.4 0.0 39.2
 88 14.6 0.0 30.8

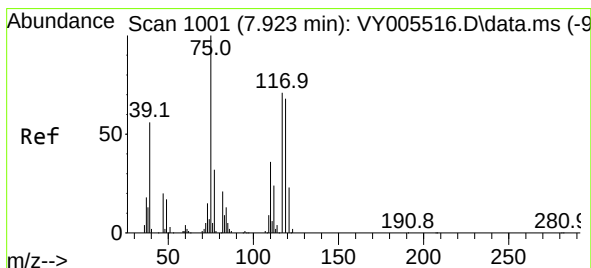
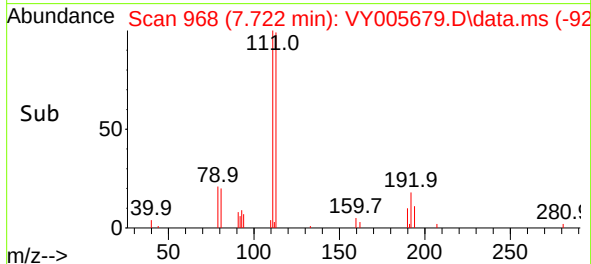
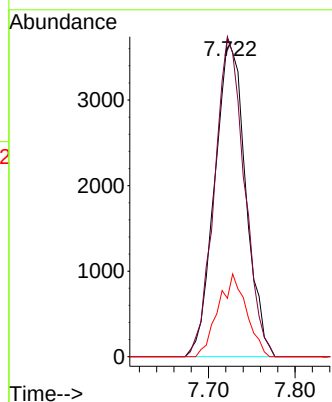
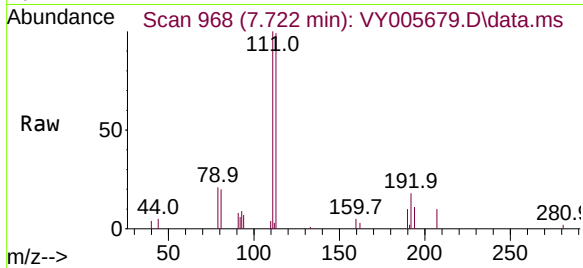




#35
Dibromofluoromethane
Concen: 58.582 ug/l
RT: 7.722 min Scan# 968
Delta R.T. -0.006 min
Lab File: VY005679.D
Acq: 16 Aug 2021 18:37

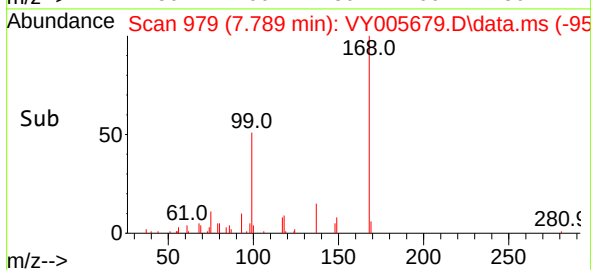
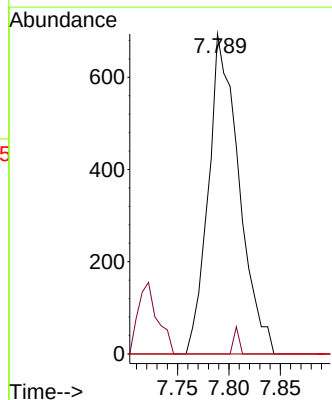
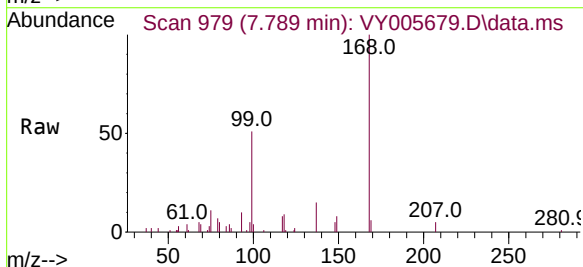
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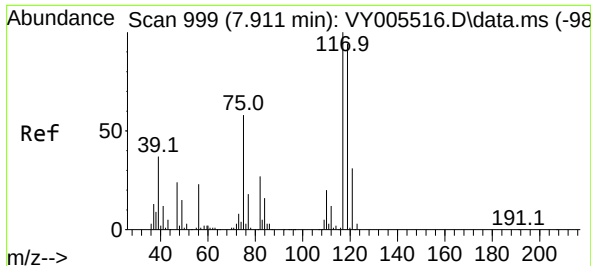
Tgt Ion:113 Resp: 9181
Ion Ratio Lower Upper
113 100
111 98.1 81.9 122.9
192 23.9 19.2 28.8



#36
1,1-Dichloropropene
Concen: 5.473 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.134 min
Lab File: VY005679.D
Acq: 16 Aug 2021 18:37

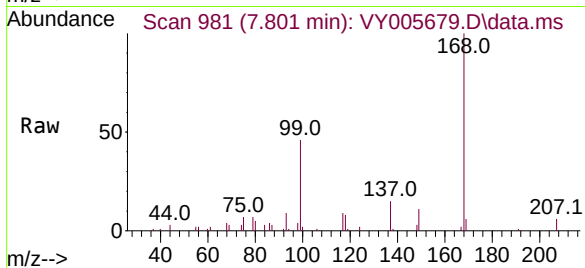
Tgt Ion: 75 Resp: 1437
Ion Ratio Lower Upper
75 100
110 1.5 18.1 54.1#
77 0.0 25.1 37.7#



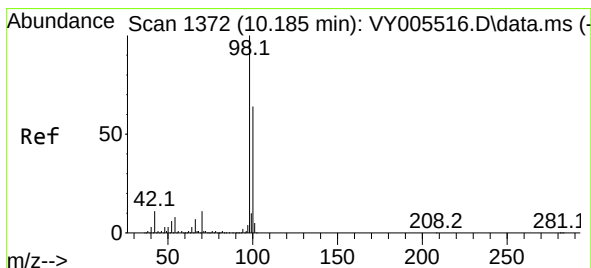
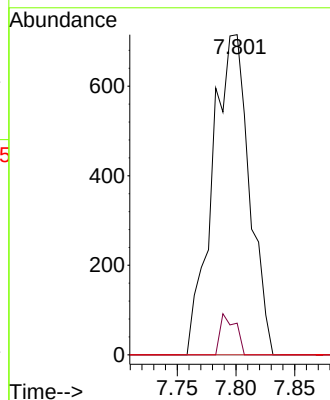
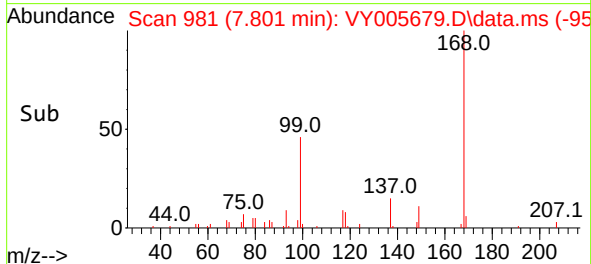


#38
Carbon Tetrachloride
Concen: 5.495 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.110 min
Lab File: VY005679.D
Acq: 16 Aug 2021 18:37

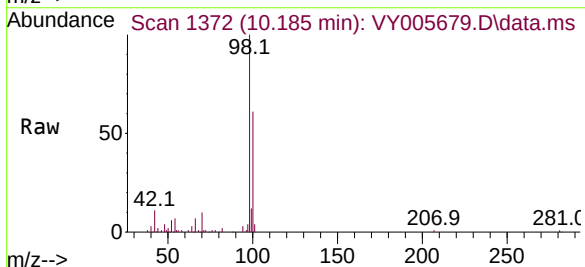
Instrument :
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ClientSampleId :
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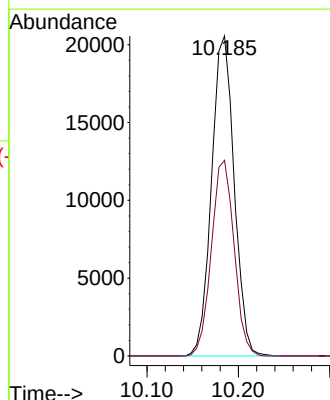
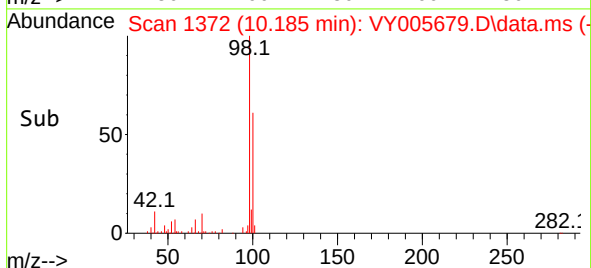
Tgt Ion:117 Resp: 1568
Ion Ratio Lower Upper
117 100
119 9.9 75.4 113.0#
121 0.0 25.1 37.7#

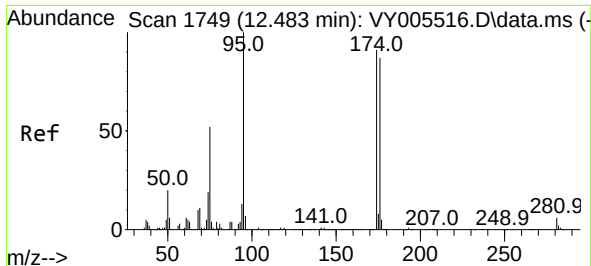


#50
Toluene-d8
Concen: 53.772 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY005679.D
Acq: 16 Aug 2021 18:37



Tgt Ion: 98 Resp: 35343
Ion Ratio Lower Upper
98 100
100 61.4 51.3 76.9

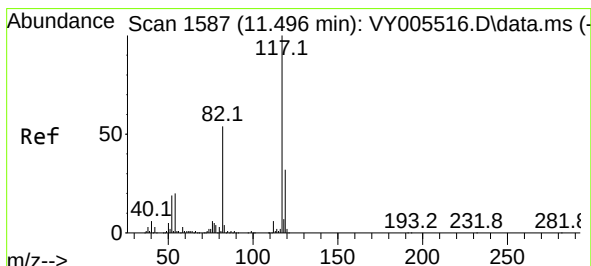
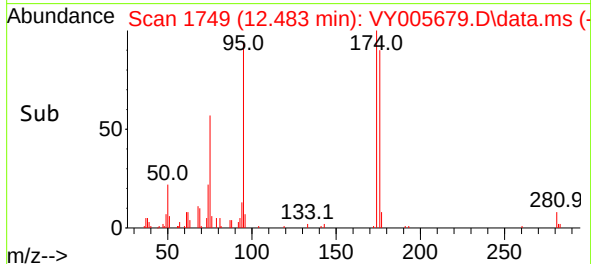
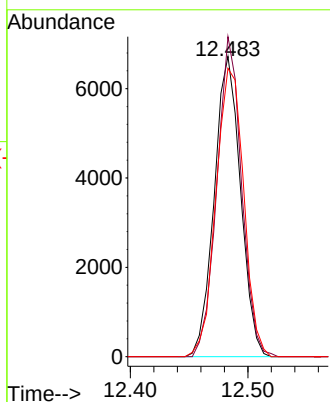
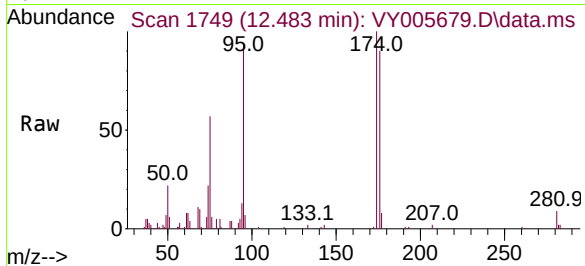




#62
4-Bromofluorobenzene
Concen: 48.030 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY005679.D
Acq: 16 Aug 2021 18:37

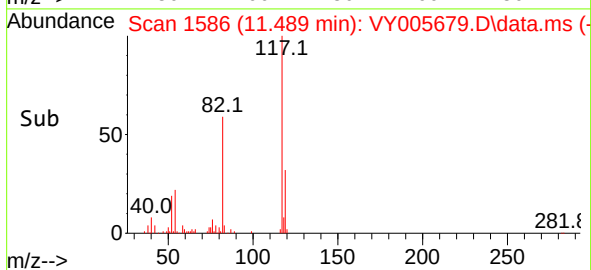
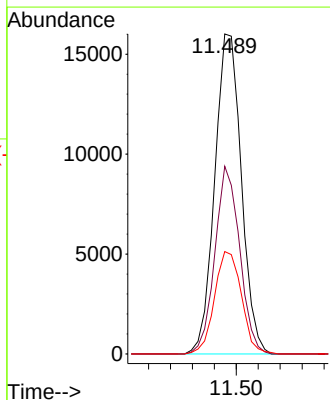
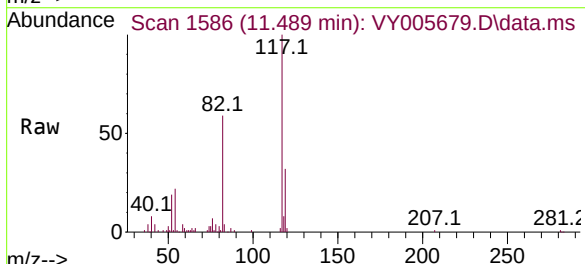
Instrument :
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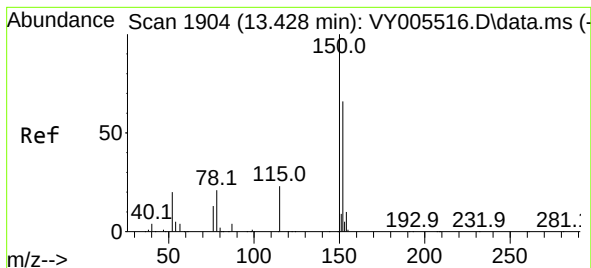
Tgt Ion:	95	Resp:	10454
Ion Ratio	Lower	Upper	
95	100		
174	100.1	0.0	191.4
176	101.2	0.0	183.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VY005679.D
Acq: 16 Aug 2021 18:37

Tgt Ion:	117	Resp:	26978
Ion Ratio	Lower	Upper	
117	100		
82	58.6	43.5	65.3
119	32.0	25.5	38.3

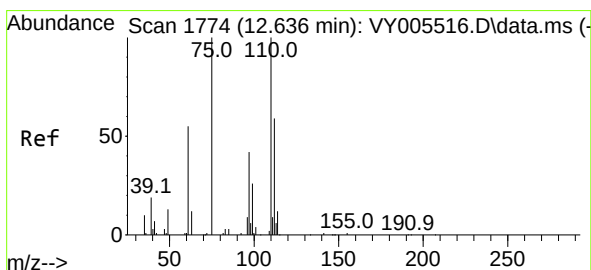
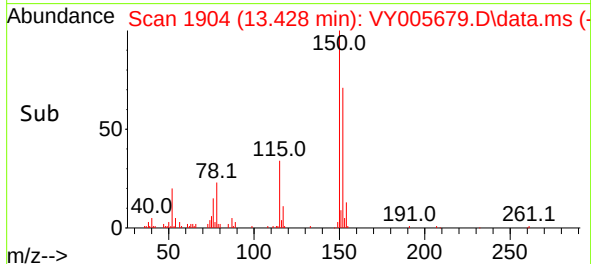
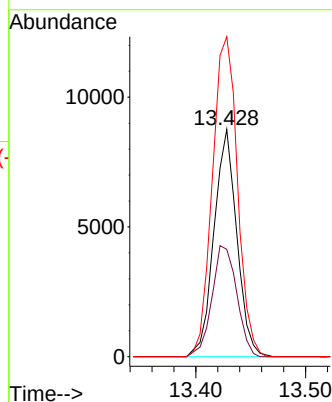
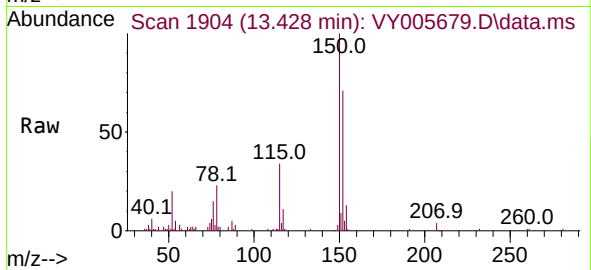




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. -0.000 min
 Lab File: VY005679.D
 Acq: 16 Aug 2021 18:37

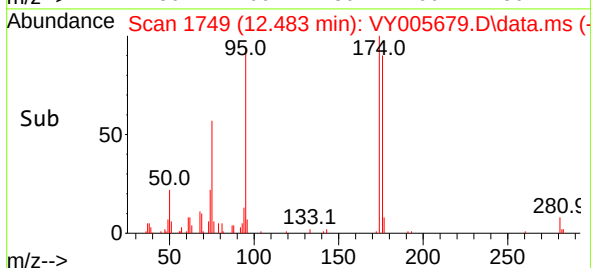
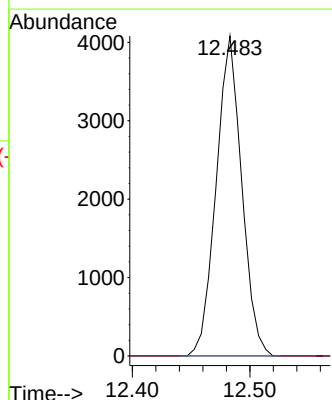
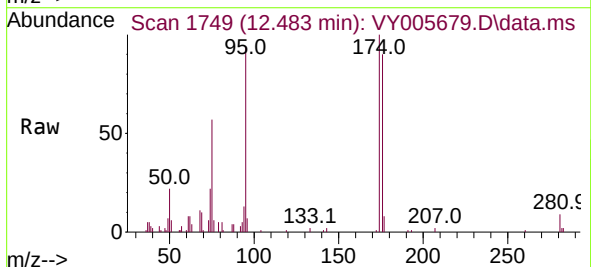
Instrument :
 MSVOA_Y
 ClientSampleId :
 CRT-17

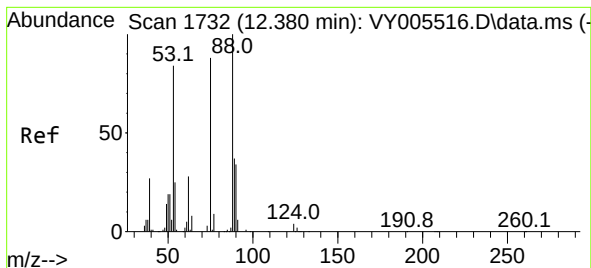
Tgt Ion:152 Resp: 12680
 Ion Ratio Lower Upper
 152 100
 115 53.0 27.3 81.9
 150 154.5 0.0 350.2



#76
 1,2,3-Trichloropropane
 Concen: 46.902 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.153 min
 Lab File: VY005679.D
 Acq: 16 Aug 2021 18:37

Tgt Ion: 75 Resp: 6163
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#81

trans-1,4-Dichloro-2-butene

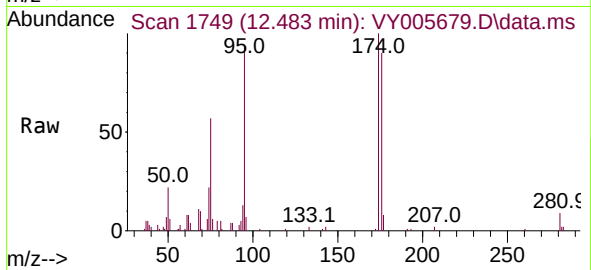
Concen: 94.549 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.103 min

Lab File: VY005679.D

Acq: 16 Aug 2021 18:37



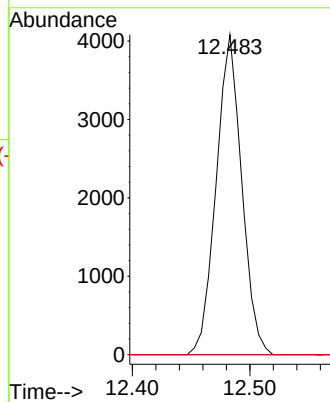
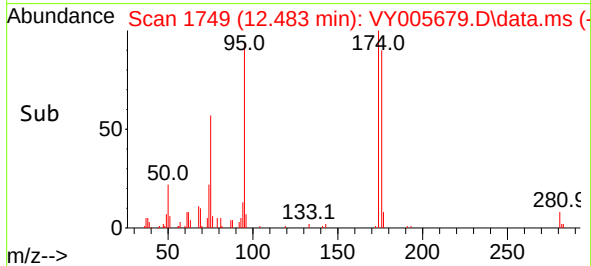
Tgt Ion: 75 Resp: 6163

Ion Ratio Lower Upper

75 100

53 0.0 76.7 115.1#

89 0.0 38.4 57.6#



Instrument :
MSVOA_Y
ClientSampleId :
CRT-17