

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012522\
 Data File : VY007291.D
 Acq On : 25 Jan 2022 13:56
 Operator : SY/MD
 Sample : N1245-10
 Misc : 5.45g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jan 26 03:57:22 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011322S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 14 05:48:29 2022
 Response via : Initial Calibration

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

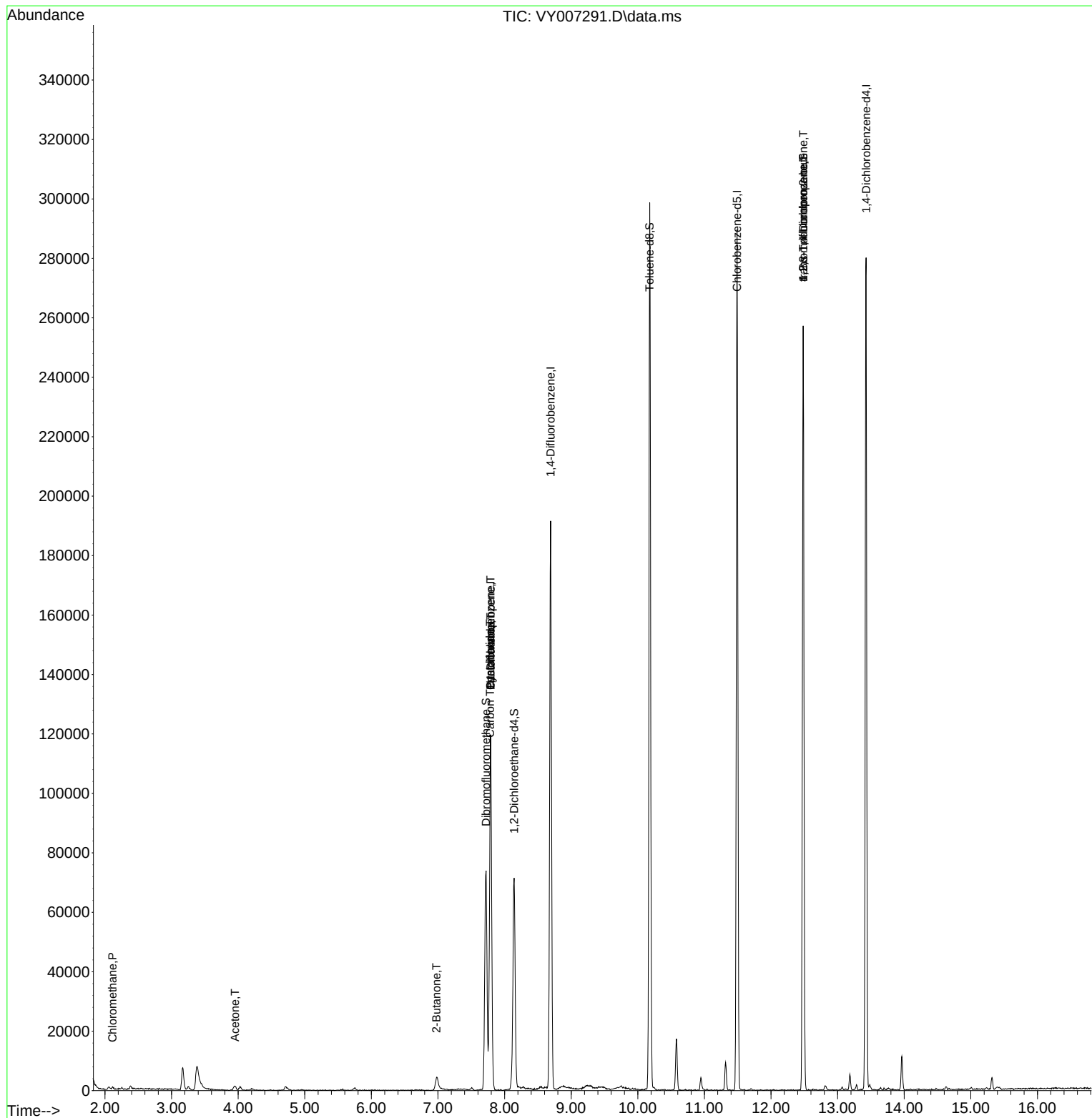
Internal Standards						
1) Pentafluorobenzene	7.789	168	85751	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	158779	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	153246	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	68256	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	55436	52.687	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	105.380%
35) Dibromofluoromethane	7.722	113	53535	49.863	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.720%
50) Toluene-d8	10.179	98	194731	49.638	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	99.280%
62) 4-Bromofluorobenzene	12.483	95	70194	50.301	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	100.600%
Target Compounds						
					Qvalue	
3) Chloromethane	2.113	50	648	1.028	ug/l	91
11) Tert butyl alcohol	4.960	59	172	Below Cal	#	73
16) Acetone	3.954	43	3056	11.191	ug/l	93
25) 2-Butanone	6.978	43	678	1.920	ug/l	90
31) Cyclohexane	7.789	56	1898	1.067	ug/l #	17
36) 1,1-Dichloropropene	7.789	75	7197	4.197	ug/l #	50
38) Carbon Tetrachloride	7.783	117	9354	5.186	ug/l #	17
76) 1,2,3-Trichloropropane	12.483	75	37868	48.655	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	37868	89.074	ug/l #	3

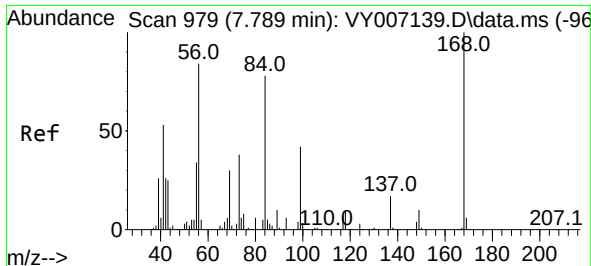
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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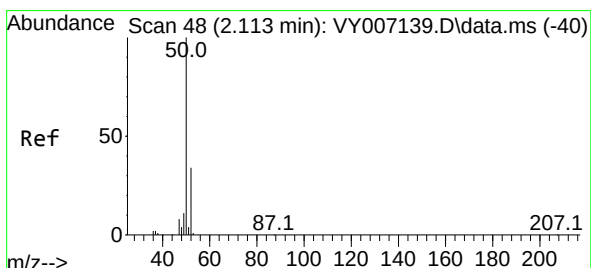
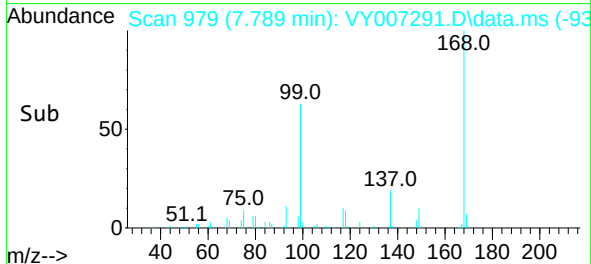
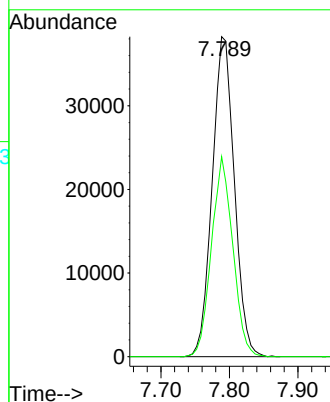
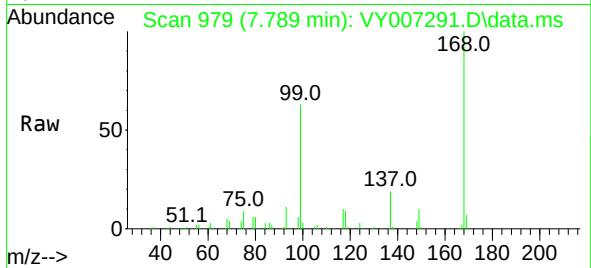




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY007291.D
Acq: 25 Jan 2022 13:56

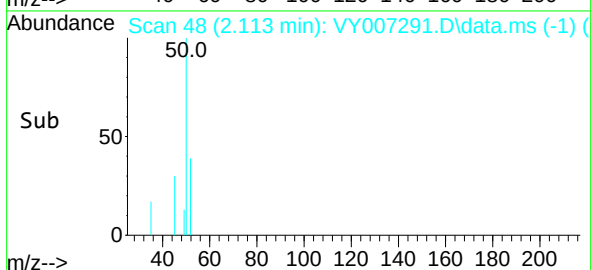
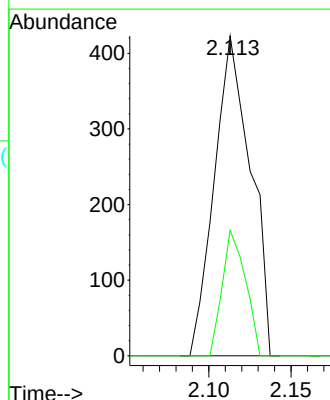
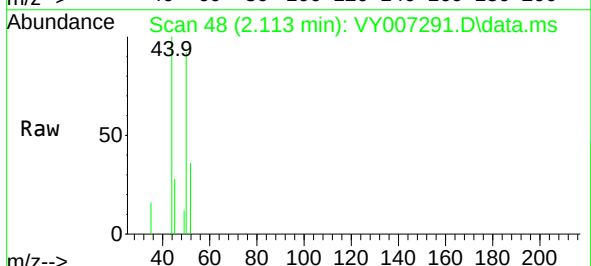
Instrument :
MSVOA_Y
ClientSampleId :

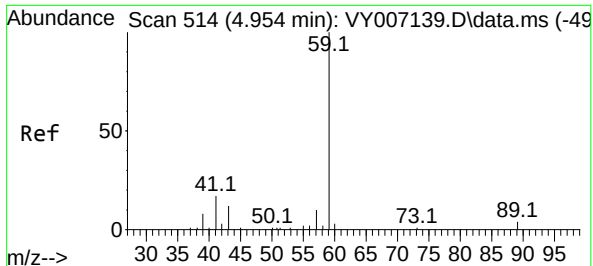
Tgt Ion:168 Resp: 85751
Ion Ratio Lower Upper
168 100
99 62.5 49.1 73.7



#3
Chloromethane
Concen: 1.028 ug/l
RT: 2.113 min Scan# 48
Delta R.T. 0.000 min
Lab File: VY007291.D
Acq: 25 Jan 2022 13:56

Tgt Ion: 50 Resp: 648
Ion Ratio Lower Upper
50 100
52 39.2 27.1 40.7

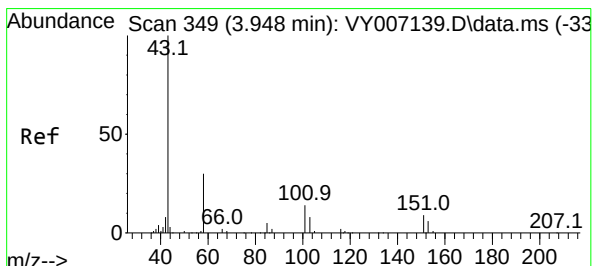
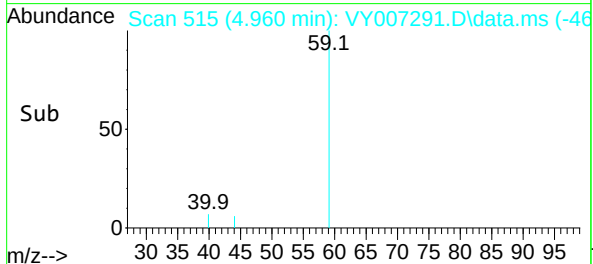
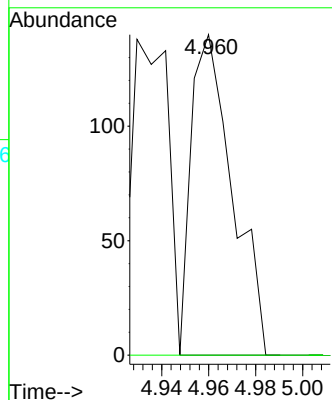
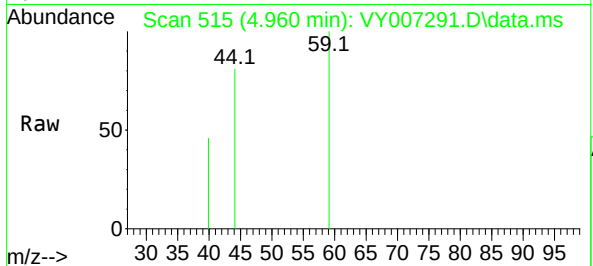




#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.960 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY007291.D
Acq: 25 Jan 2022 13:56

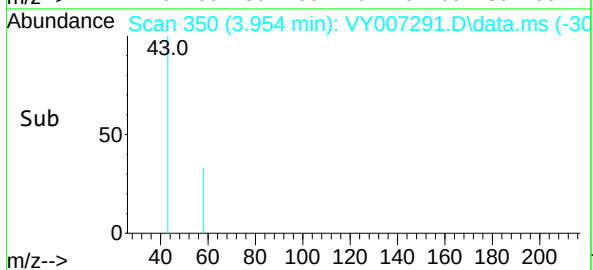
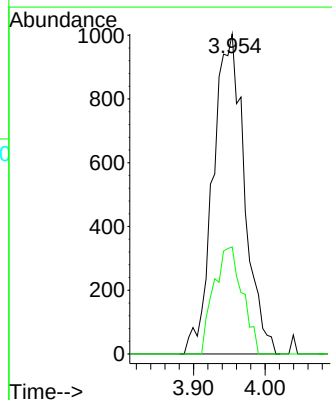
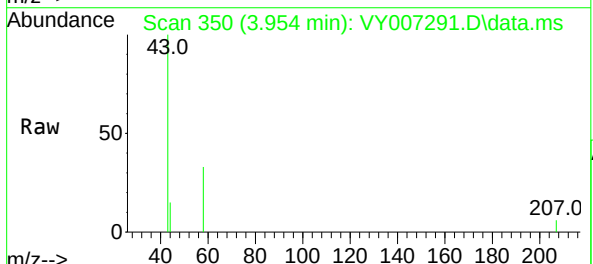
Instrument :
MSVOA_Y
ClientSampleId :

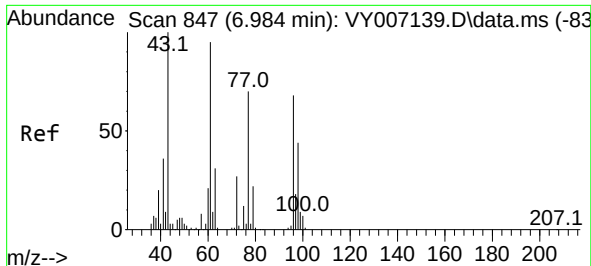
Tgt Ion: 59 Resp: 172
Ion Ratio Lower Upper
59 100
57 0.0 8.1 12.1#



#16
Acetone
Concen: 11.191 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.006 min
Lab File: VY007291.D
Acq: 25 Jan 2022 13:56

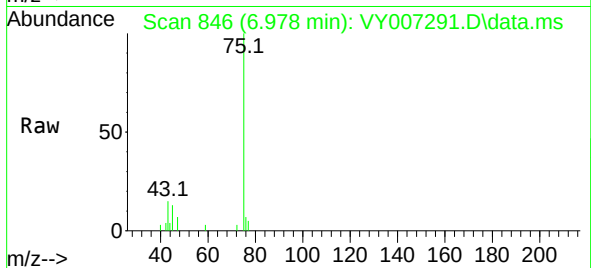
Tgt Ion: 43 Resp: 3056
Ion Ratio Lower Upper
43 100
58 33.5 23.8 35.6



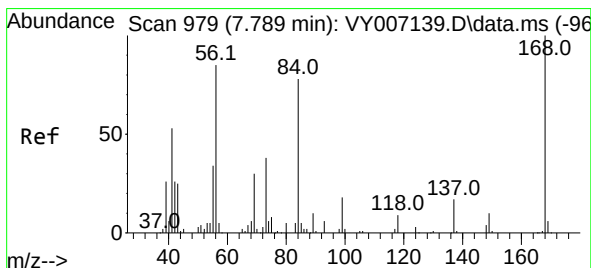
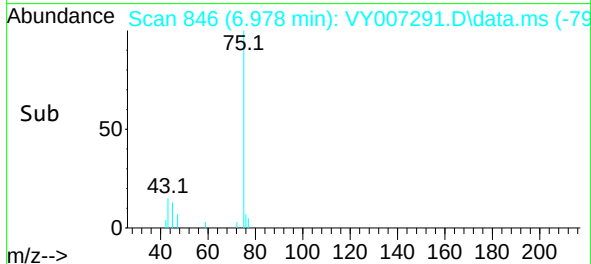
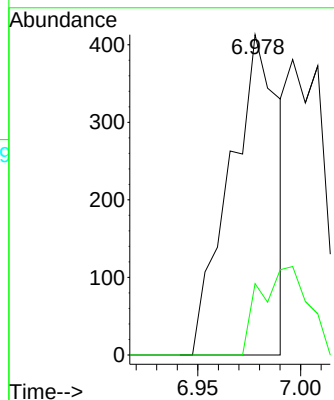


#25
2-Butanone
Concen: 1.920 ug/l
RT: 6.978 min Scan# 847
Delta R.T. -0.006 min
Lab File: VY007291.D
Acq: 25 Jan 2022 13:56

Instrument :
MSVOA_Y
ClientSampleId :

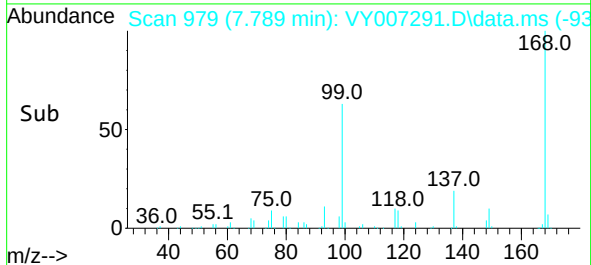
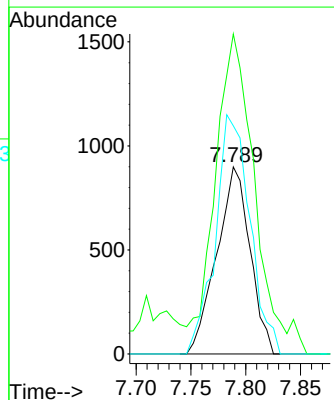
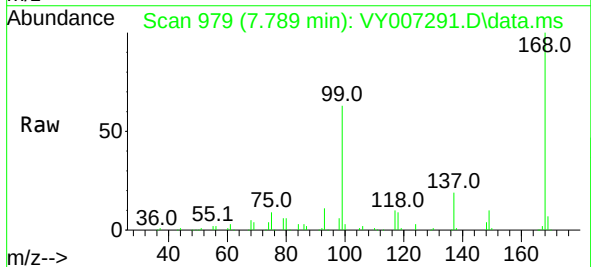


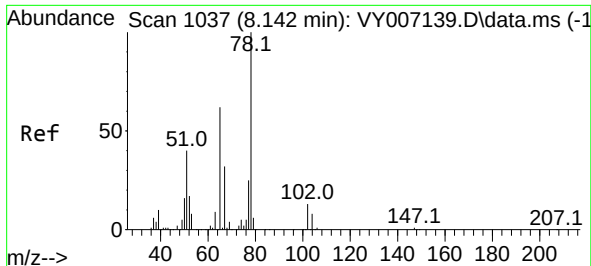
Tgt Ion: 43 Resp: 678
Ion Ratio Lower Upper
43 100
72 22.3 21.9 32.9



#31
Cyclohexane
Concen: 1.067 ug/l
RT: 7.789 min Scan# 979
Delta R.T. 0.000 min
Lab File: VY007291.D
Acq: 25 Jan 2022 13:56

Tgt Ion: 56 Resp: 1898
Ion Ratio Lower Upper
56 100
69 155.3 27.2 40.8#
84 122.0 72.1 108.1#

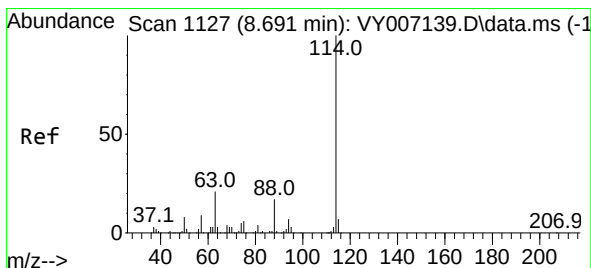
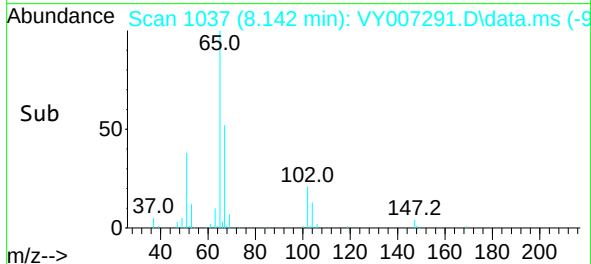
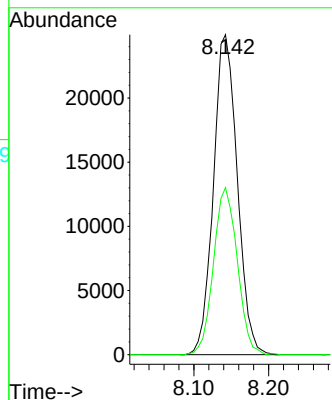
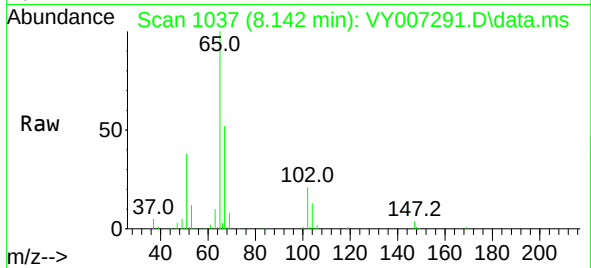




#33
 1,2-Dichloroethane-d4
 Concen: 52.687 ug/l
 RT: 8.142 min Scan# 1037
 Delta R.T. 0.000 min
 Lab File: VY007291.D
 Acq: 25 Jan 2022 13:56

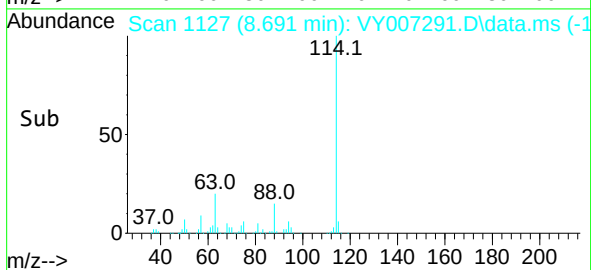
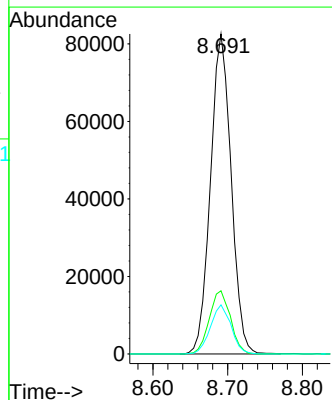
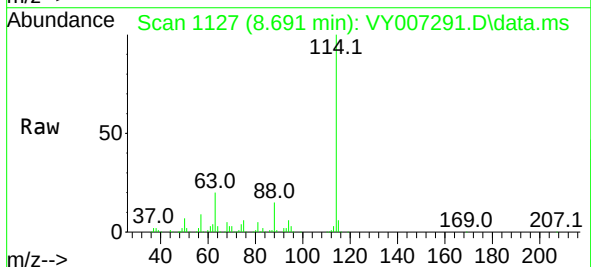
Instrument :
 MSVOA_Y
 ClientSampleId :

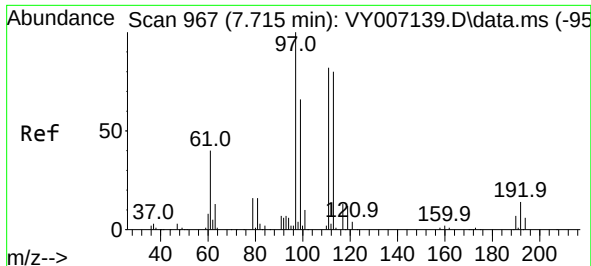
Tgt Ion: 65 Resp: 55436
 Ion Ratio Lower Upper
 65 100
 67 52.0 0.0 105.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.691 min Scan# 1127
 Delta R.T. 0.000 min
 Lab File: VY007291.D
 Acq: 25 Jan 2022 13:56

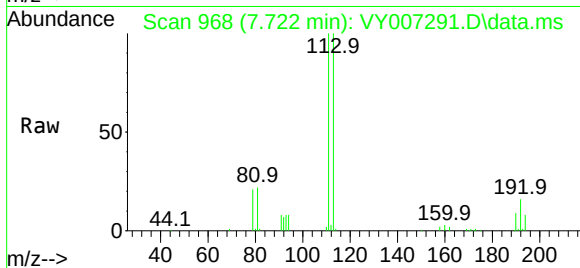
Tgt Ion: 114 Resp: 158779
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 39.2
 88 15.4 0.0 31.0



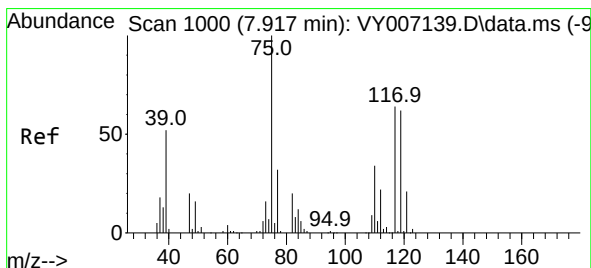
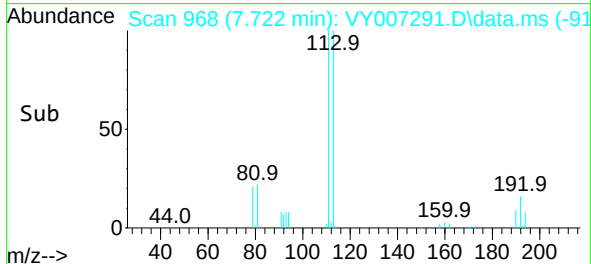
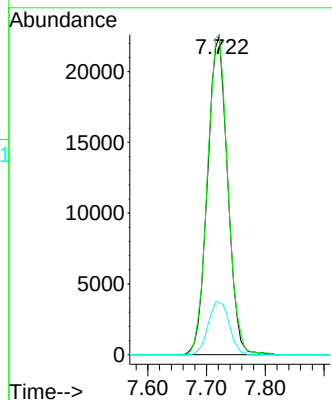


#35
 Dibromofluoromethane
 Concen: 49.863 ug/l
 RT: 7.722 min Scan# 91
 Delta R.T. 0.006 min
 Lab File: VY007291.D
 Acq: 25 Jan 2022 13:56

Instrument :
 MSVOA_Y
 ClientSampleId :

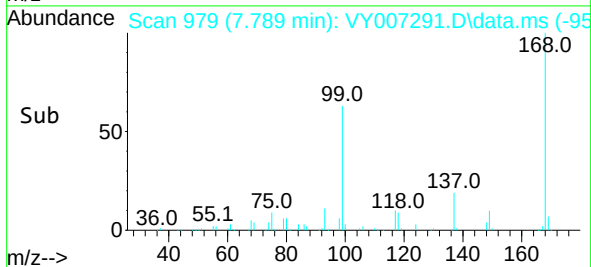
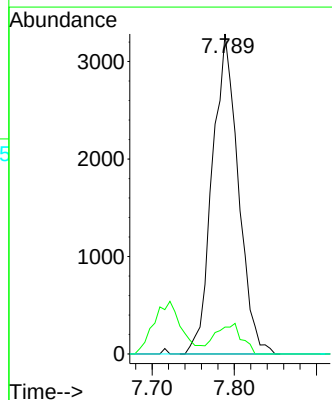
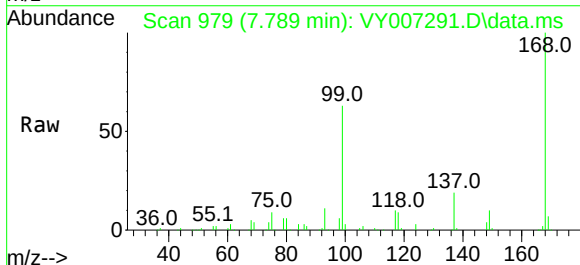


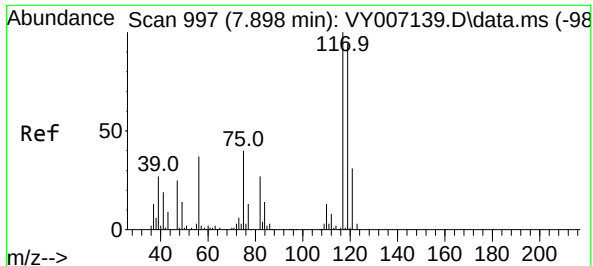
Tgt Ion:113 Resp: 53535
 Ion Ratio Lower Upper
 113 100
 111 101.9 82.2 123.4
 192 17.3 14.2 21.4



#36
 1,1-Dichloropropene
 Concen: 4.197 ug/l
 RT: 7.789 min Scan# 979
 Delta R.T. -0.128 min
 Lab File: VY007291.D
 Acq: 25 Jan 2022 13:56

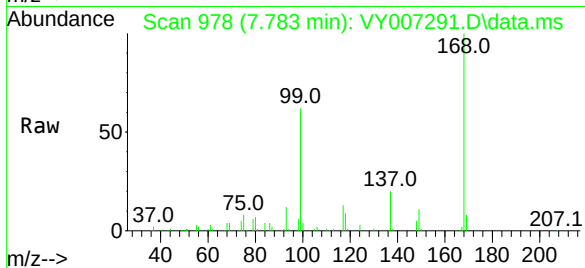
Tgt Ion: 75 Resp: 7197
 Ion Ratio Lower Upper
 75 100
 110 9.4 17.3 51.9#
 77 0.0 24.7 37.1#



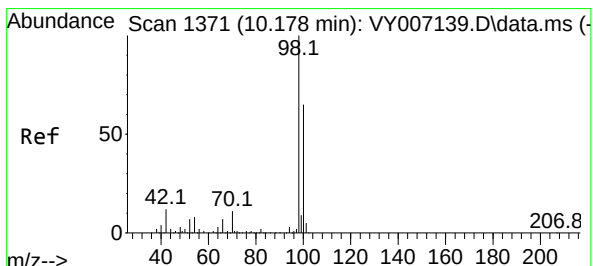
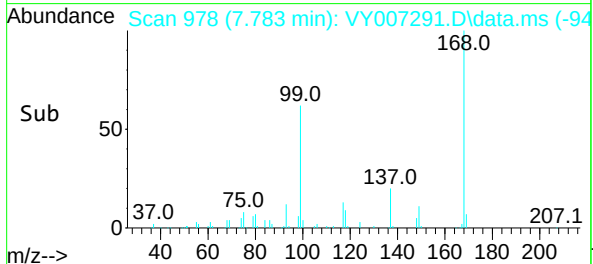
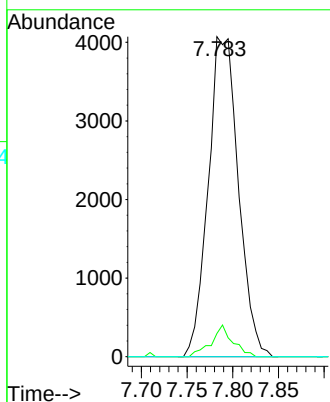


#38
Carbon Tetrachloride
Concen: 5.186 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY007291.D
Acq: 25 Jan 2022 13:56

Instrument :
MSVOA_Y
ClientSampleId :

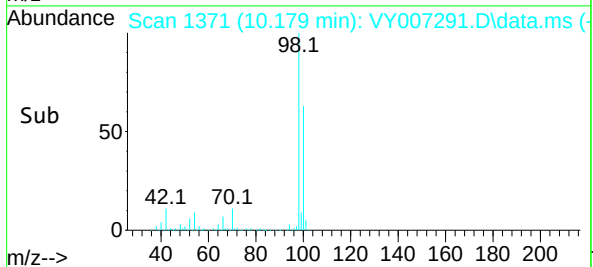
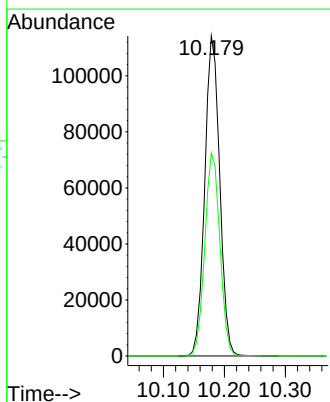
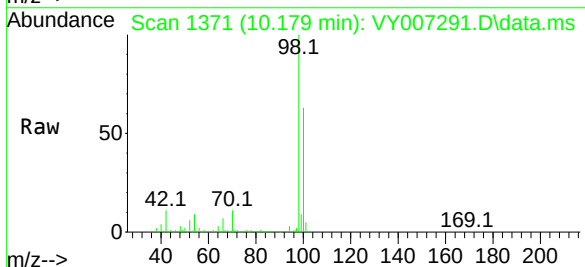


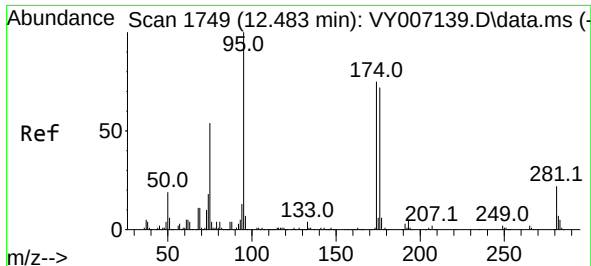
Tgt Ion:117 Resp: 9354
Ion Ratio Lower Upper
117 100
119 7.2 77.2 115.8#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 49.638 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY007291.D
Acq: 25 Jan 2022 13:56

Tgt Ion: 98 Resp: 194731
Ion Ratio Lower Upper
98 100
100 64.3 52.2 78.2

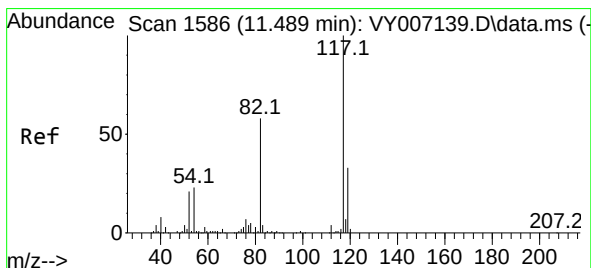
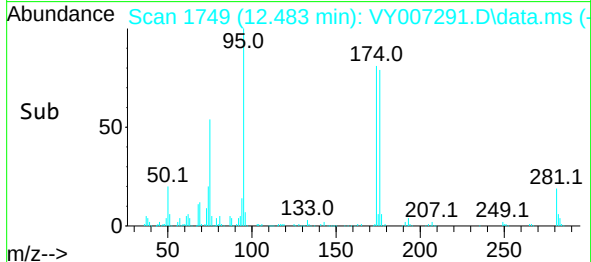
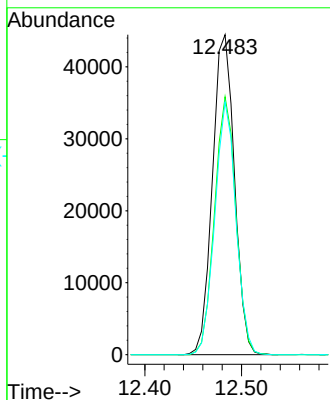
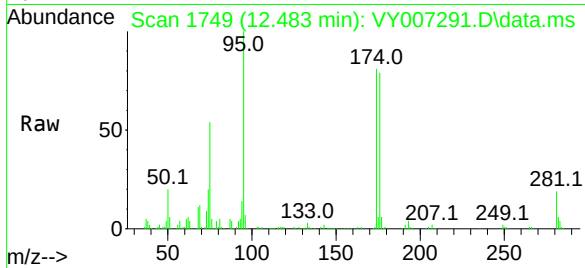




#62
4-Bromofluorobenzene
Concen: 50.301 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY007291.D
Acq: 25 Jan 2022 13:56

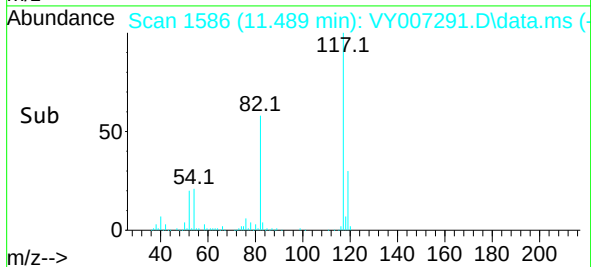
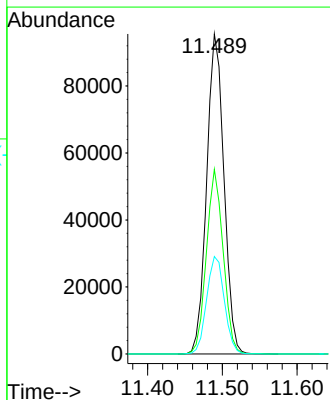
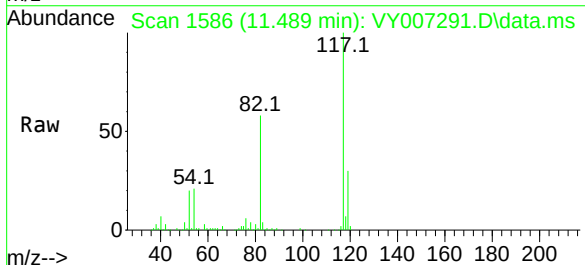
Instrument :
MSVOA_Y
ClientSampleId :

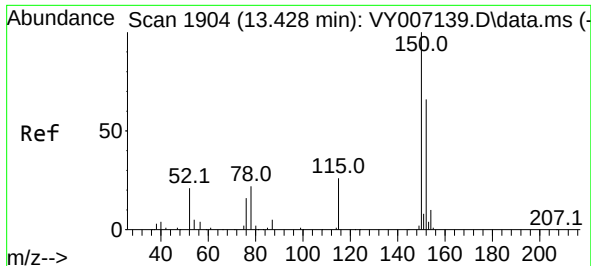
Tgt Ion: 95 Resp: 70194
Ion Ratio Lower Upper
95 100
174 78.1 0.0 148.4
176 75.9 0.0 146.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY007291.D
Acq: 25 Jan 2022 13:56

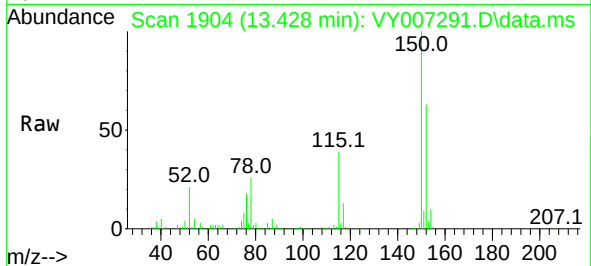
Tgt Ion: 117 Resp: 153246
Ion Ratio Lower Upper
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82 57.7 45.4 68.0
119 30.4 26.4 39.6



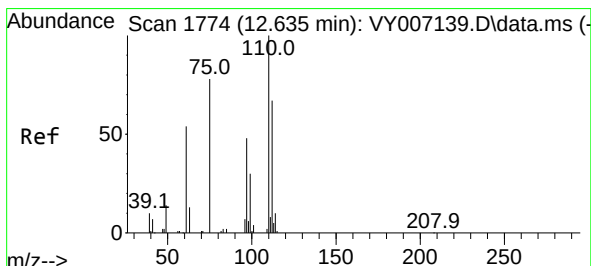
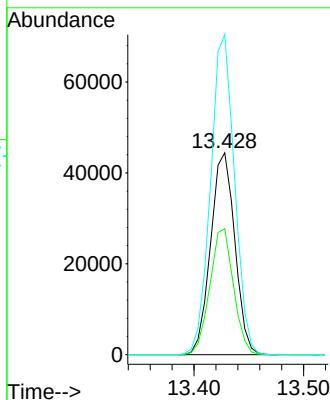
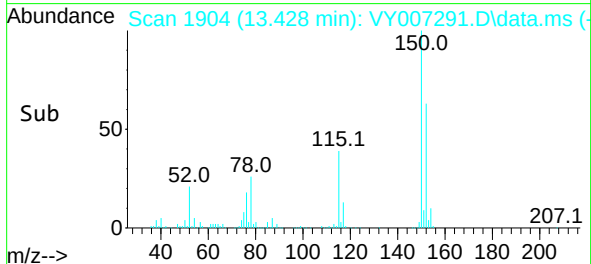


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY007291.D
 Acq: 25 Jan 2022 13:56

Instrument :
 MSVOA_Y
 ClientSampleId :

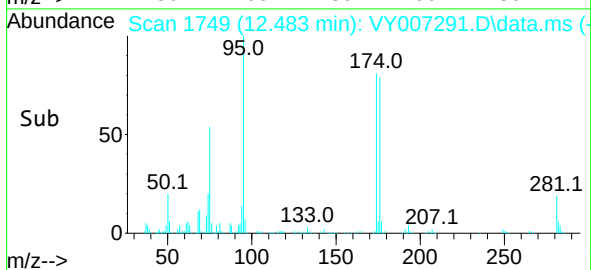
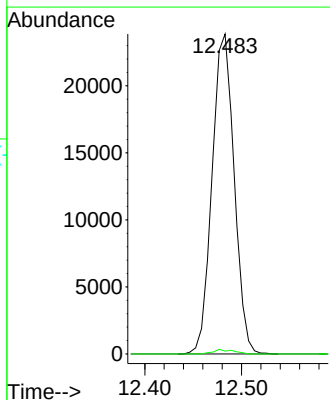
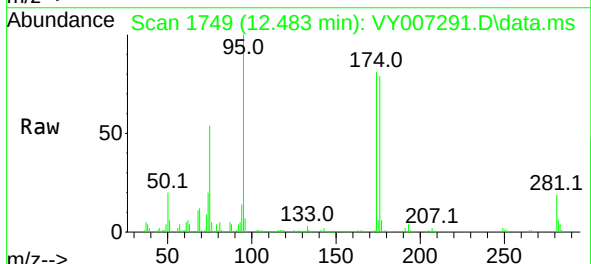


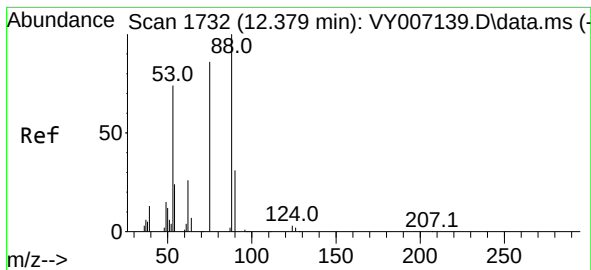
Tgt Ion:152 Resp: 68256
 Ion Ratio Lower Upper
 152 100
 115 61.1 31.4 94.0
 150 156.9 0.0 348.4



#76
 1,2,3-Trichloropropane
 Concen: 48.655 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.152 min
 Lab File: VY007291.D
 Acq: 25 Jan 2022 13:56

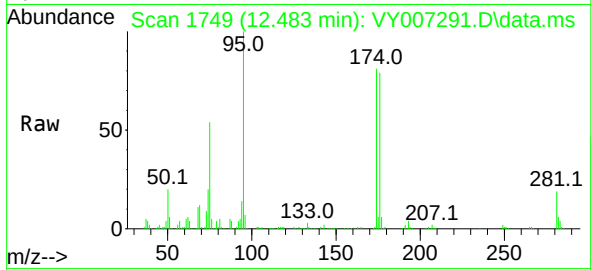
Tgt Ion: 75 Resp: 37868
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 89.074 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY007291.D
 Acq: 25 Jan 2022 13:56

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 37868
 Ion Ratio Lower Upper
 75 100
 53 0.0 73.9 110.9#
 89 0.4 0.0 0.0#

