

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052622\
 Data File : VY009115.D
 Acq On : 26 May 2022 14:02
 Operator : KP/MD
 Sample : N2981-17
 Misc : 3.04g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-7(0.5-1)

Quant Time: May 27 03:24:13 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052022S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 20 23:50:52 2022
 Response via : Initial Calibration

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

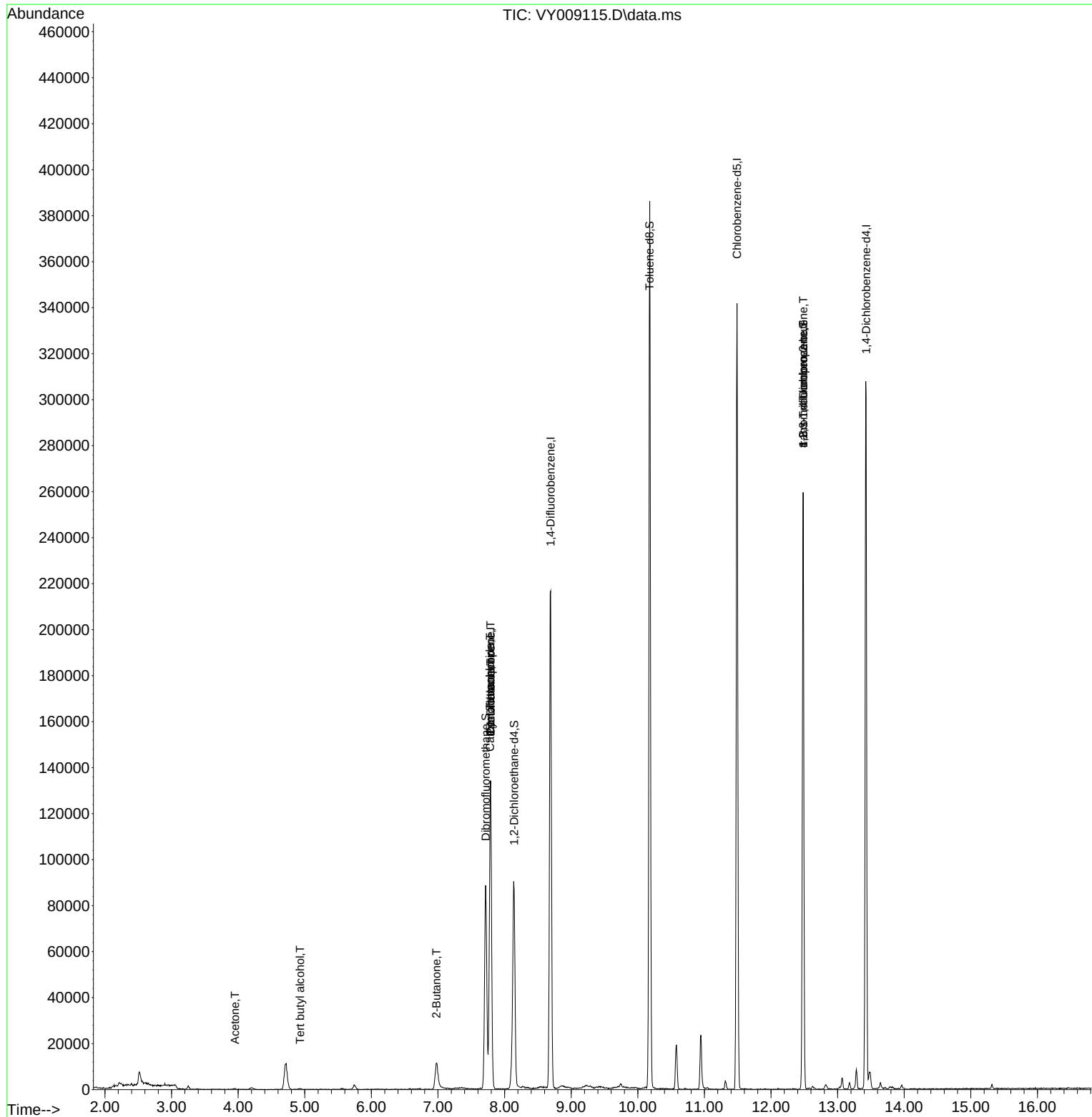
Internal Standards						
1) Pentafluorobenzene	7.789	168	103223	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	186061	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	175054	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	74850	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	62966	59.270	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 118.540%	
35) Dibromofluoromethane	7.715	113	58562	50.615	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 101.240%	
50) Toluene-d8	10.178	98	232617	54.498	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 109.000%	
62) 4-Bromofluorobenzene	12.483	95	65117	37.819	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 75.640%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.929	59	277	2.571	ug/l #	77
16) Acetone	3.954	43	572	2.587	ug/l #	87
20) Methylene Chloride	4.704	84	8276	Below Cal	#	82
25) 2-Butanone	6.978	43	810	2.051	ug/l #	54
31) Cyclohexane	7.789	56	2749	1.323	ug/l #	50
36) 1,1-Dichloropropene	7.789	75	9166	4.655	ug/l #	50
38) Carbon Tetrachloride	7.782	117	9770	4.743	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	39532	49.181	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	39532	100.945	ug/l #	7

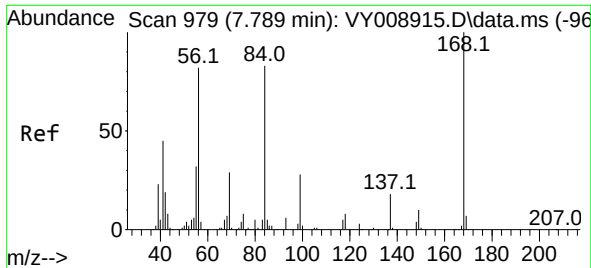
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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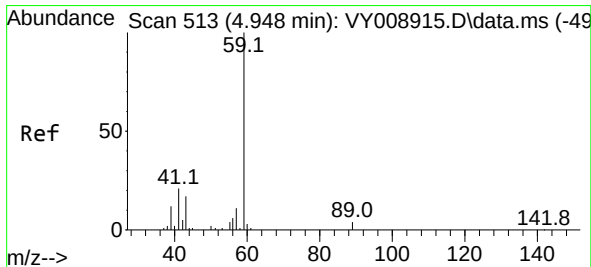
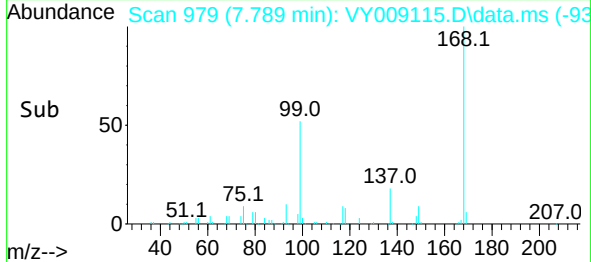
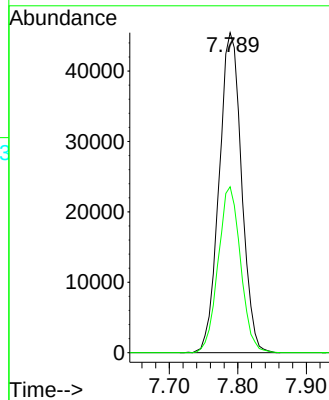
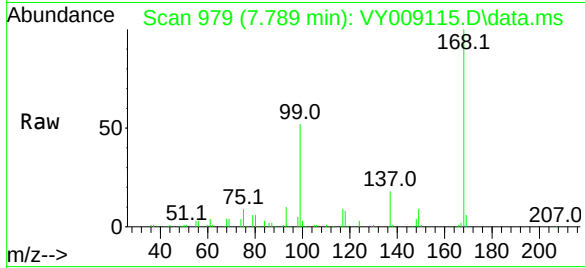




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009115.D
Acq: 26 May 2022 14:02

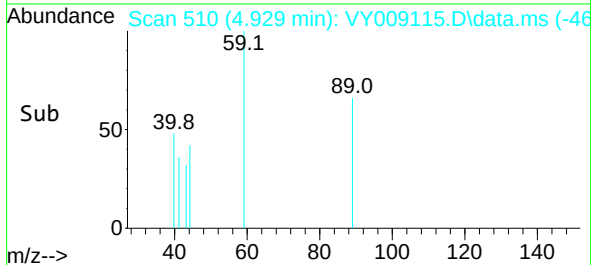
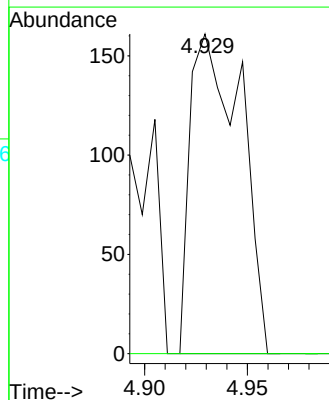
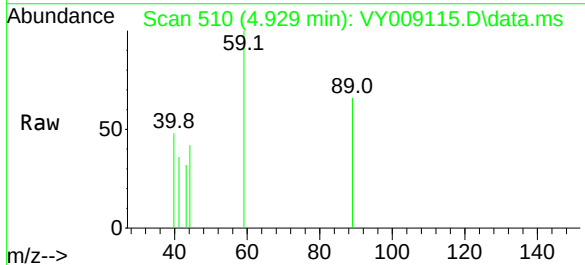
Instrument :
MSVOA_Y
ClientSampleId :
SB-7(0.5-1)

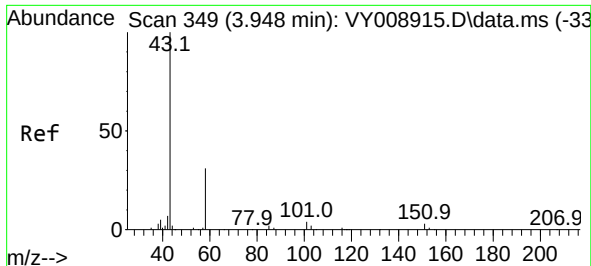
Tgt Ion:168 Resp: 103223
Ion Ratio Lower Upper
168 100
99 51.9 46.9 70.3



#11
Tert butyl alcohol
Concen: 2.571 ug/l
RT: 4.929 min Scan# 510
Delta R.T. -0.019 min
Lab File: VY009115.D
Acq: 26 May 2022 14:02

Tgt Ion: 59 Resp: 277
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#





#16

Acetone

Concen: 2.587 ug/l

RT: 3.954 min Scan# 3

Delta R.T. 0.006 min

Lab File: VY009115.D

Acq: 26 May 2022 14:02

Instrument :

MSVOA_Y

ClientSampleId :

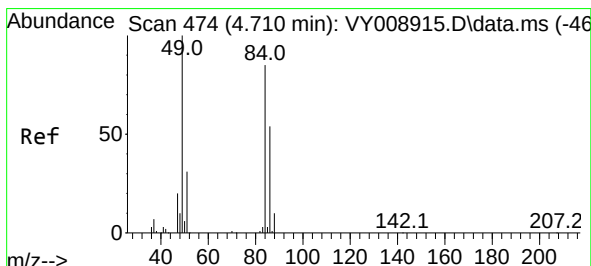
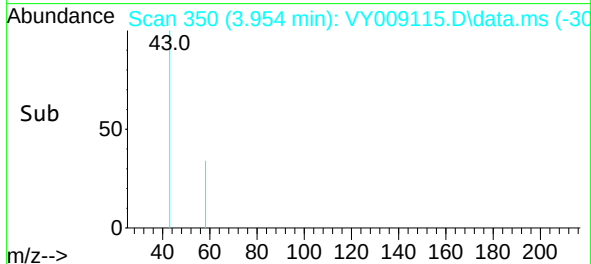
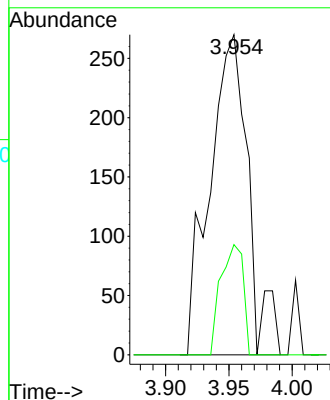
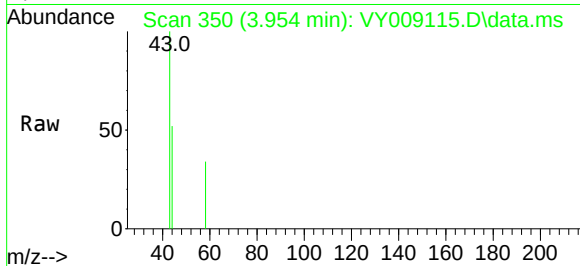
SB-7(0.5-1)

Tgt Ion: 43 Resp: 572

Ion Ratio Lower Upper

43 100

58 34.4 22.0 33.0#



#20

Methylene Chloride

Concen: Below Cal

RT: 4.704 min Scan# 473

Delta R.T. -0.006 min

Lab File: VY009115.D

Acq: 26 May 2022 14:02

Tgt Ion: 84 Resp: 8276

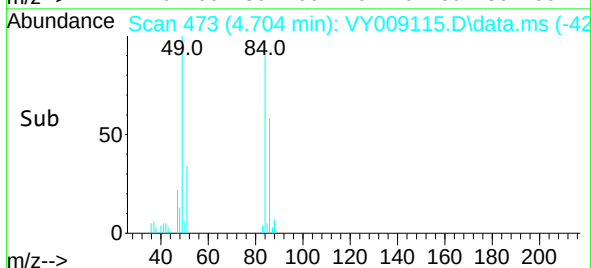
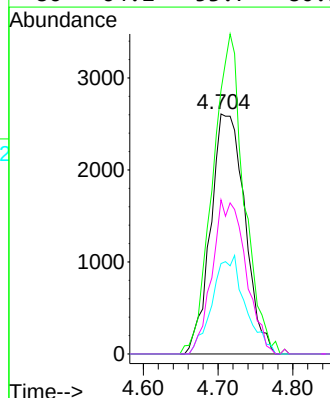
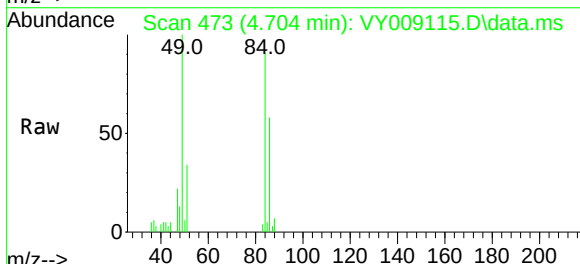
Ion Ratio Lower Upper

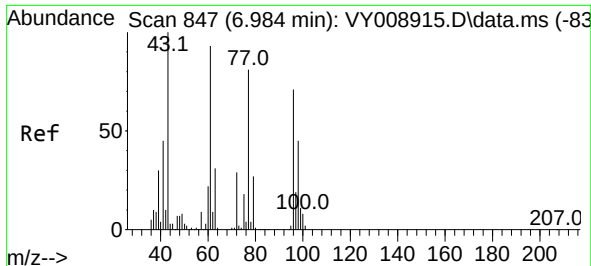
84 100

49 109.9 114.4 171.6#

51 37.7 35.3 52.9

86 64.2 53.7 80.5

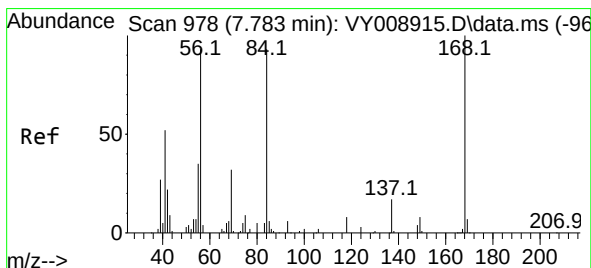
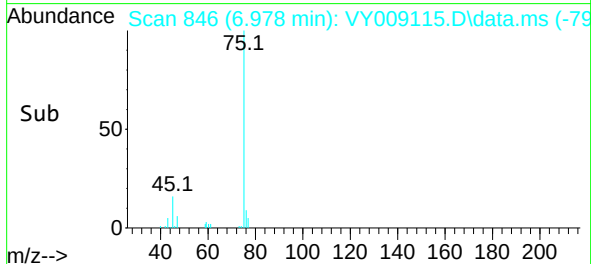
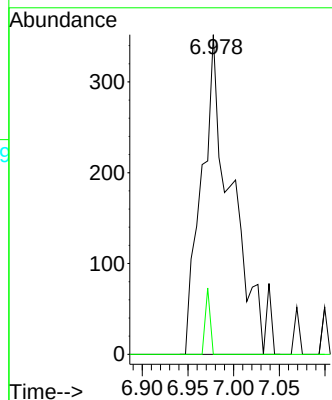
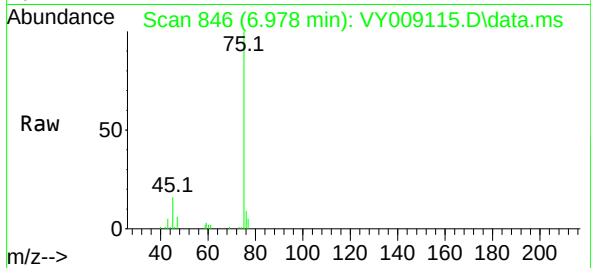




#25
2-Butanone
Concen: 2.051 ug/l
RT: 6.978 min Scan# 847
Delta R.T. -0.006 min
Lab File: VY009115.D
Acq: 26 May 2022 14:02

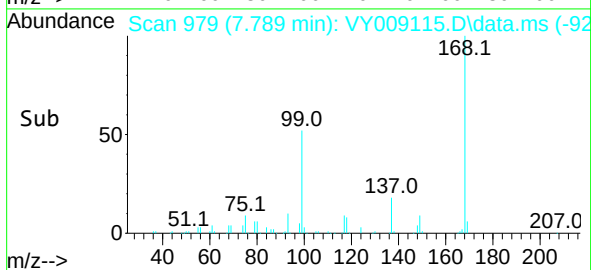
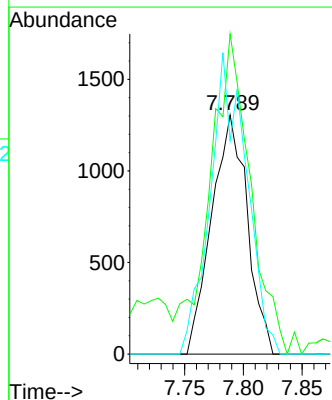
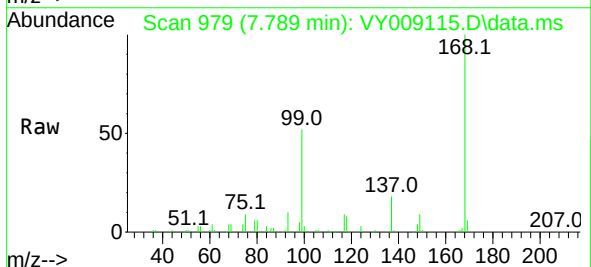
Instrument :
MSVOA_Y
ClientSampleId :
SB-7(0.5-1)

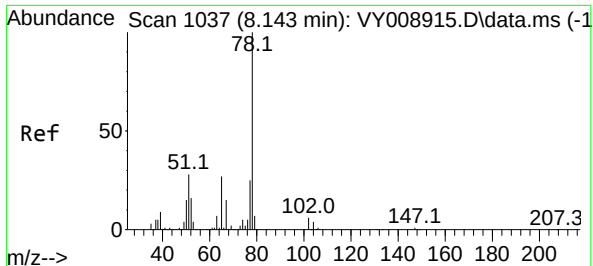
Tgt Ion: 43 Resp: 810
Ion Ratio Lower Upper
43 100
72 0.0 17.7 26.5#



#31
Cyclohexane
Concen: 1.323 ug/l
RT: 7.789 min Scan# 979
Delta R.T. 0.006 min
Lab File: VY009115.D
Acq: 26 May 2022 14:02

Tgt Ion: 56 Resp: 2749
Ion Ratio Lower Upper
56 100
69 124.2 26.7 40.1#
84 89.3 67.2 100.8





#33

1,2-Dichloroethane-d4

Concen: 59.270 ug/l

RT: 8.142 min Scan# 110

Delta R.T. -0.001 min

Lab File: VY009115.D

Acq: 26 May 2022 14:02

Instrument :

MSVOA_Y

ClientSampleId :

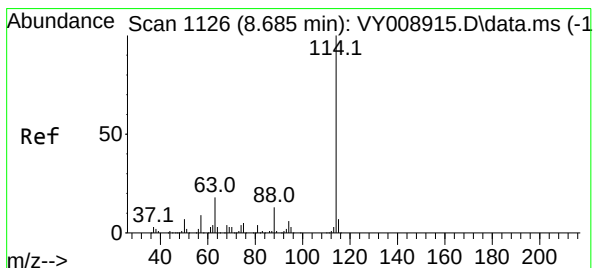
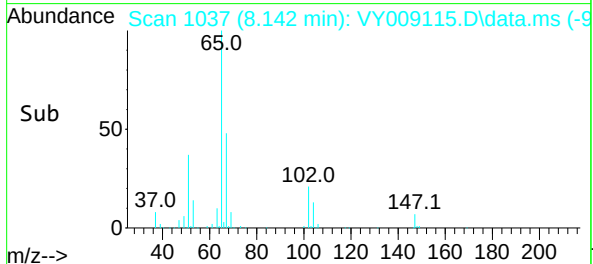
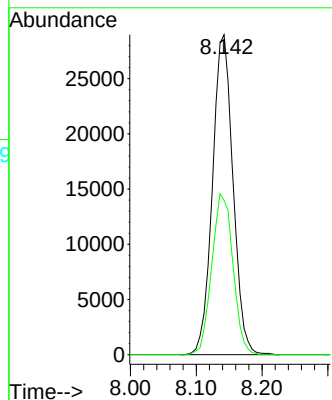
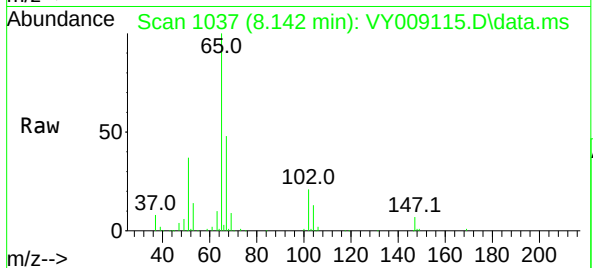
SB-7(0.5-1)

Tgt Ion: 65 Resp: 62966

Ion Ratio Lower Upper

65 100

67 51.9 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VY009115.D

Acq: 26 May 2022 14:02

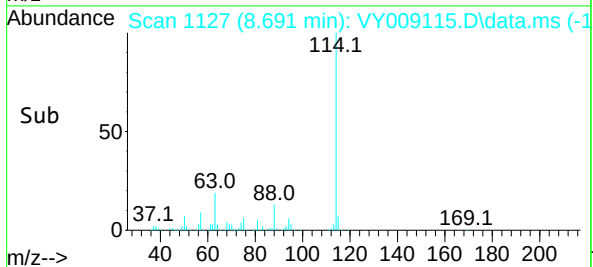
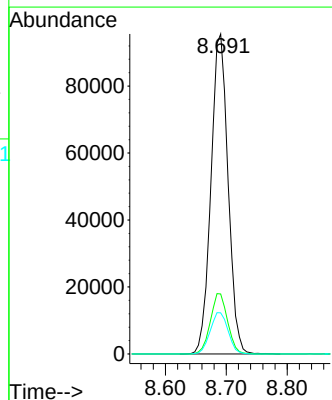
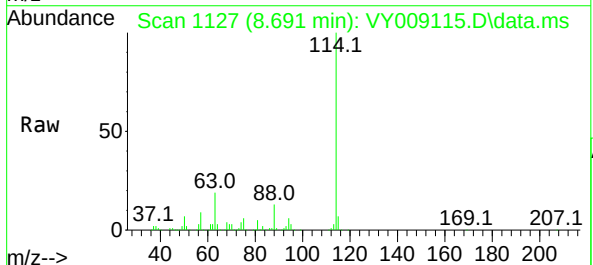
Tgt Ion: 114 Resp: 186061

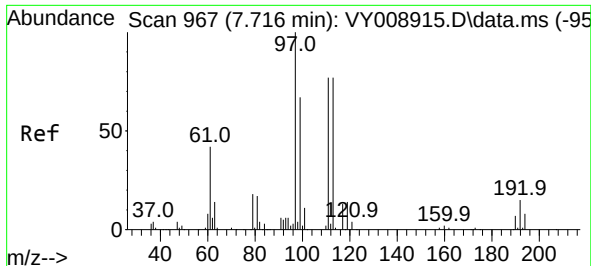
Ion Ratio Lower Upper

114 100

63 18.8 0.0 43.2

88 12.9 0.0 31.8

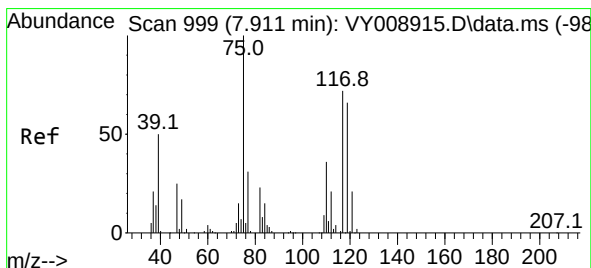
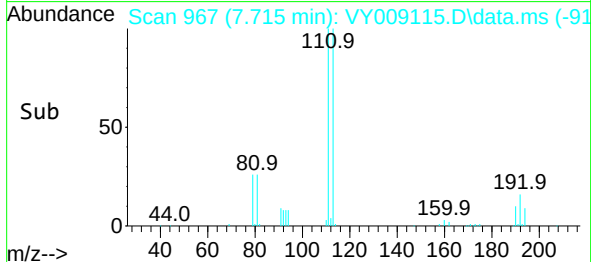
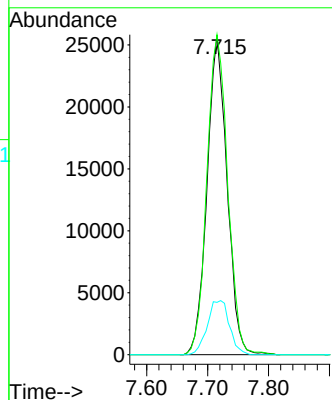
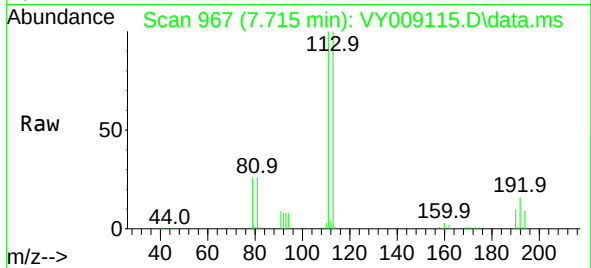




#35
Dibromofluoromethane
Concen: 50.615 ug/l
RT: 7.715 min Scan# 911
Delta R.T. -0.001 min
Lab File: VY009115.D
Acq: 26 May 2022 14:02

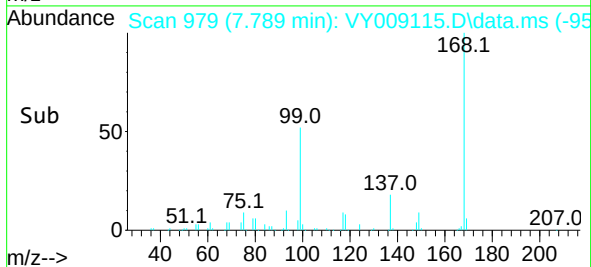
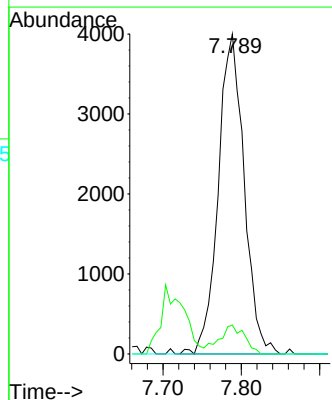
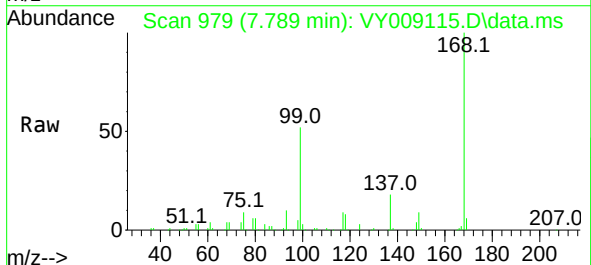
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SB-7(0.5-1)

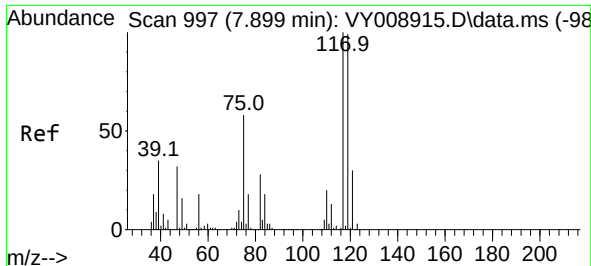
Tgt Ion:113 Resp: 58562
Ion Ratio Lower Upper
113 100
111 104.6 82.6 124.0
192 18.8 17.6 26.4



#36
1,1-Dichloropropene
Concen: 4.655 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.122 min
Lab File: VY009115.D
Acq: 26 May 2022 14:02

Tgt Ion: 75 Resp: 9166
Ion Ratio Lower Upper
75 100
110 8.8 17.1 51.2#
77 0.0 24.4 36.6#

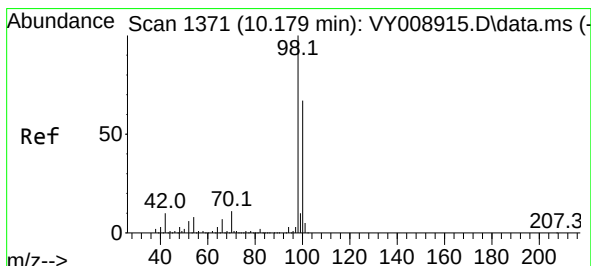
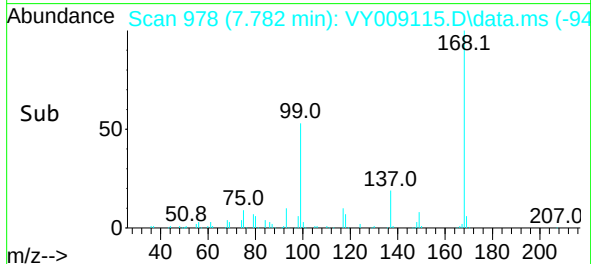
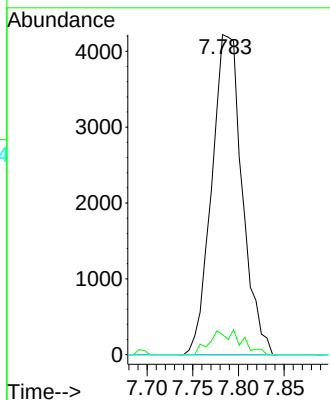
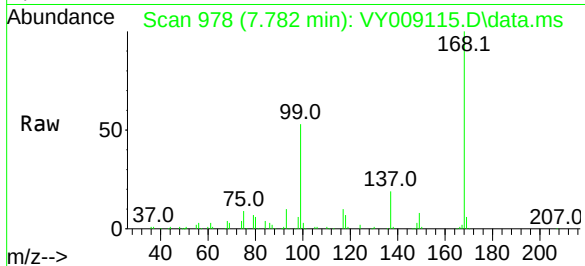




#38
Carbon Tetrachloride
Concen: 4.743 ug/l
RT: 7.782 min Scan# 91
Delta R.T. -0.117 min
Lab File: VY009115.D
Acq: 26 May 2022 14:02

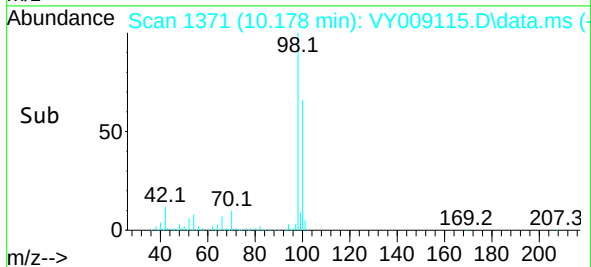
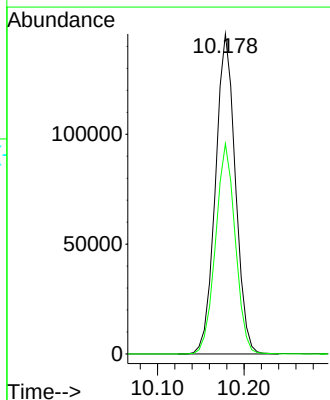
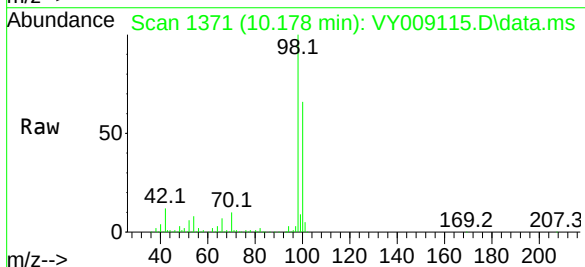
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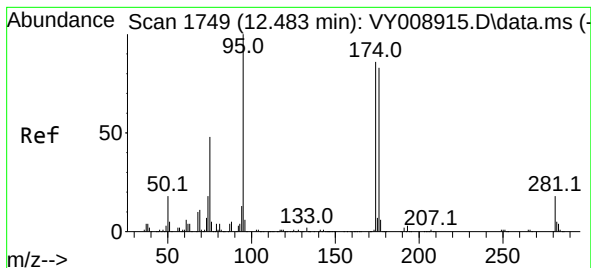
Tgt Ion:117 Resp: 9770
Ion Ratio Lower Upper
117 100
119 6.3 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 54.498 ug/l
RT: 10.178 min Scan# 1371
Delta R.T. -0.001 min
Lab File: VY009115.D
Acq: 26 May 2022 14:02

Tgt Ion: 98 Resp: 232617
Ion Ratio Lower Upper
98 100
100 65.0 50.2 75.2

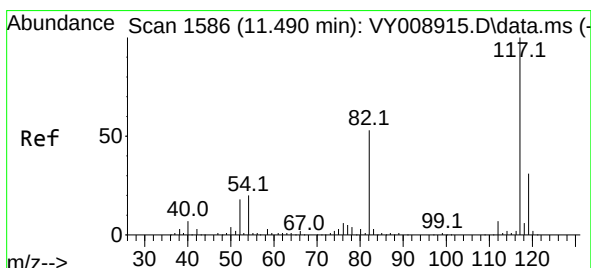
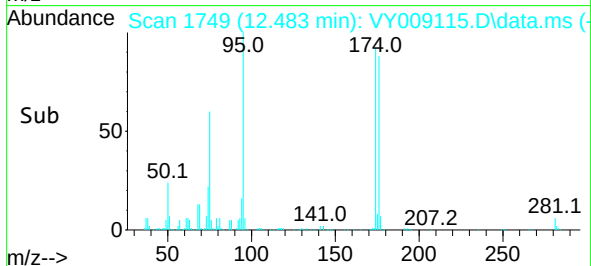
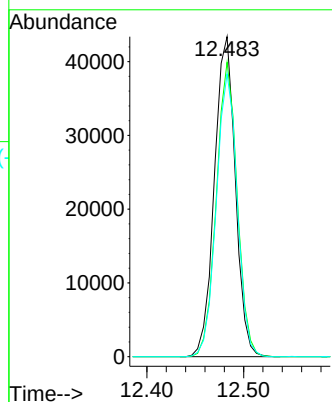
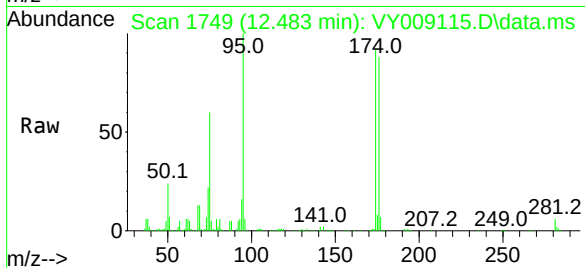




#62
4-Bromofluorobenzene
Concen: 37.819 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY009115.D
Acq: 26 May 2022 14:02

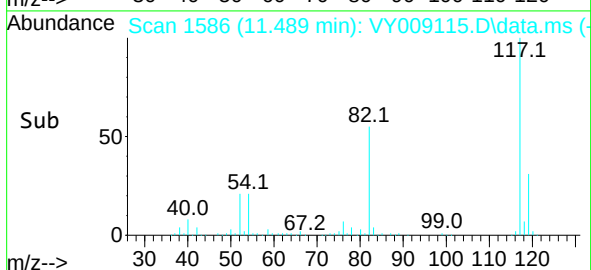
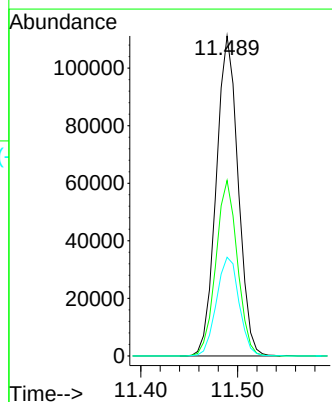
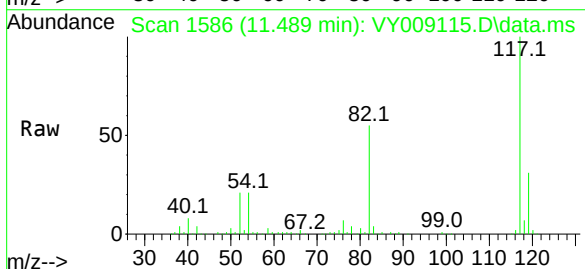
Instrument :
MSVOA_Y
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SB-7(0.5-1)

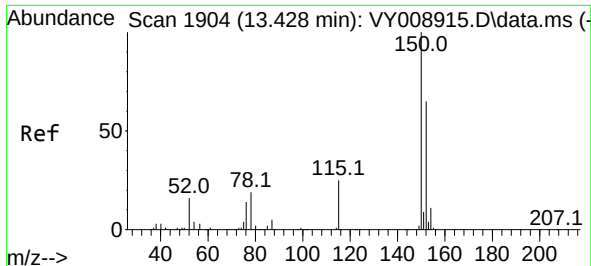
Tgt Ion: 95 Resp: 65117
Ion Ratio Lower Upper
95 100
174 91.4 0.0 177.0
176 88.2 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.001 min
Lab File: VY009115.D
Acq: 26 May 2022 14:02

Tgt Ion: 117 Resp: 175054
Ion Ratio Lower Upper
117 100
82 54.8 43.0 64.4
119 30.9 25.4 38.0

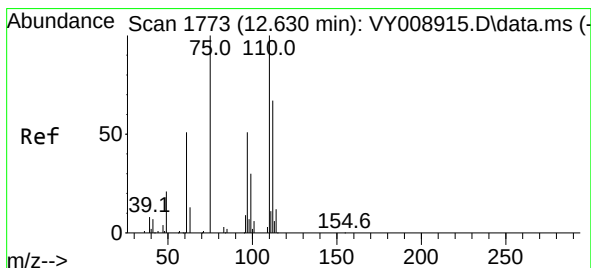
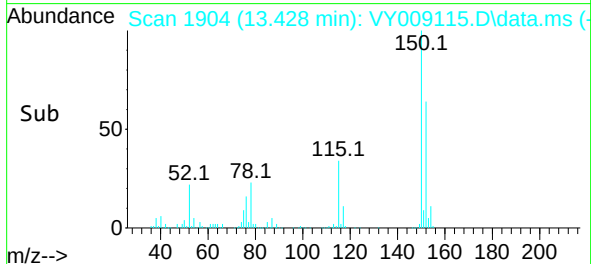
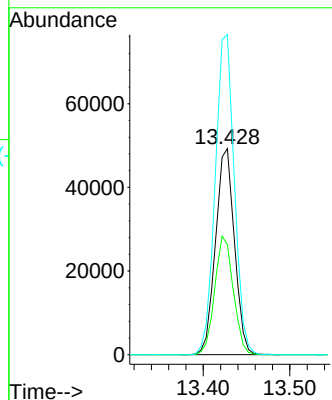
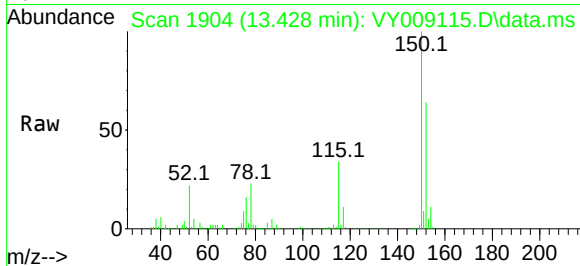




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1749
 Delta R.T. -0.000 min
 Lab File: VY009115.D
 Acq: 26 May 2022 14:02

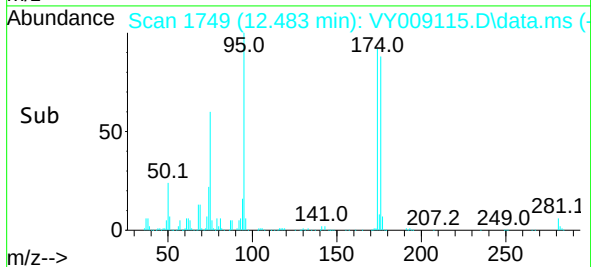
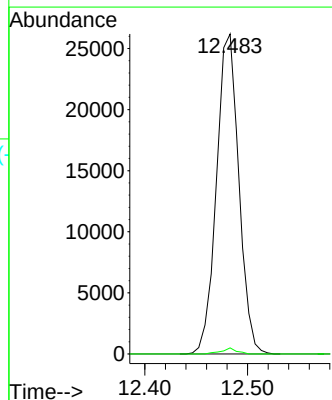
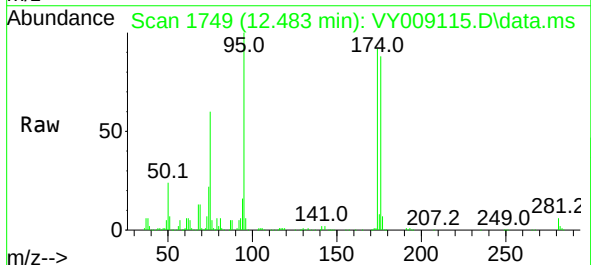
Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-7(0.5-1)

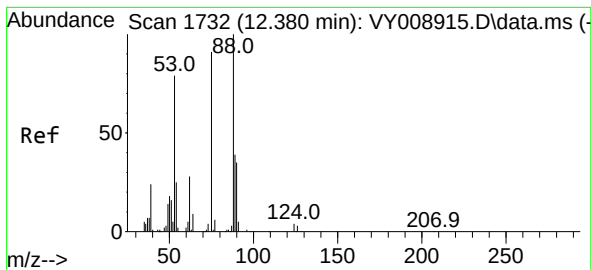
Tgt Ion:152 Resp: 74850
 Ion Ratio Lower Upper
 152 100
 115 56.4 28.2 84.7
 150 156.8 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 49.181 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.147 min
 Lab File: VY009115.D
 Acq: 26 May 2022 14:02

Tgt Ion: 75 Resp: 39532
 Ion Ratio Lower Upper
 75 100
 77 1.2 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 100.945 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.103 min
 Lab File: VY009115.D
 Acq: 26 May 2022 14:02

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-7(0.5-1)

Tgt Ion: 75 Resp: 39532
 Ion Ratio Lower Upper
 75 100
 53 0.1 85.3 127.9#
 89 0.1 37.0 55.4#

