

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111122\
 Data File : VY011415.D
 Acq On : 11 Nov 2022 13:54
 Operator : KP/MD
 Sample : N5530-05
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-11

Quant Time: Nov 11 15:25:13 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111022S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 10 17:47:26 2022
 Response via : Initial Calibration

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

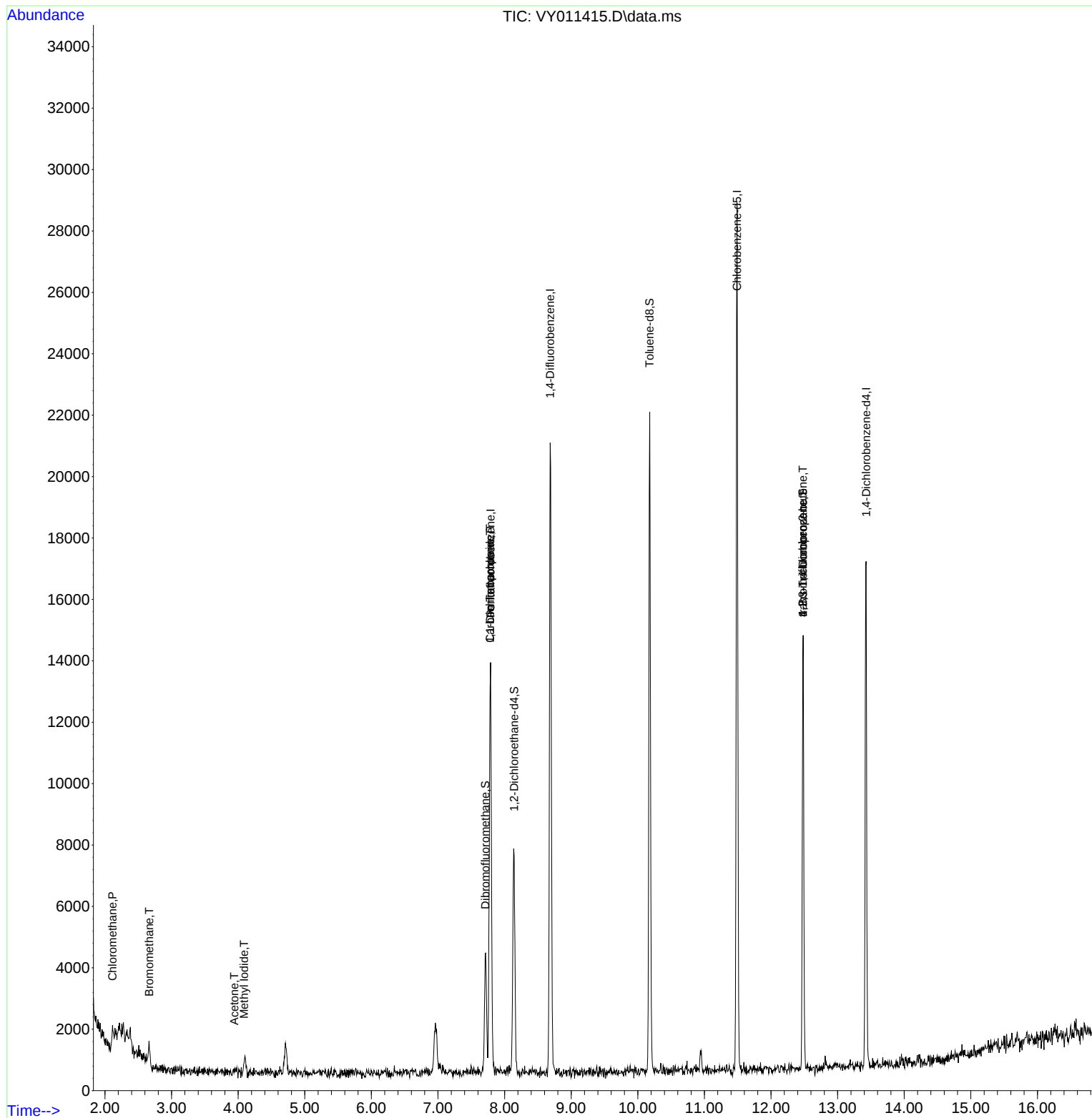
Internal Standards						
1) Pentafluorobenzene	7.789	168	11511	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	19594	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	16973	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	5300	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	6170	63.965	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 127.940%	
35) Dibromofluoromethane	7.710	113	2930	26.683	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 53.360%#	
50) Toluene-d8	10.179	98	15790	37.640	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 75.280%	
62) 4-Bromofluorobenzene	12.477	95	4760	32.532	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 65.060%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.113	50	247	2.670	ug/l #	77
5) Bromomethane	2.662	94	294	3.723	ug/l	97
10) Methyl Iodide	4.088	142	876	6.296	ug/l #	76
16) Acetone	3.942	43	233	9.154	ug/l #	47
20) Methylene Chloride	4.704	84	752	Below Cal	#	56
36) 1,1-Dichloropropene	7.783	75	760	4.459	ug/l #	42
38) Carbon Tetrachloride	7.783	117	1052	5.675	ug/l #	11
76) 1,2,3-Trichloropropane	12.477	75	2154	35.111	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	2154	84.395	ug/l #	7

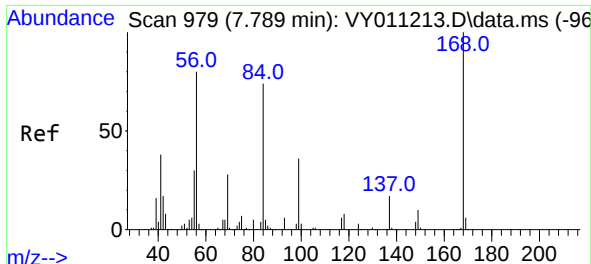
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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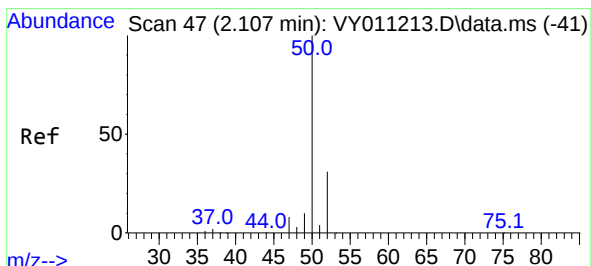
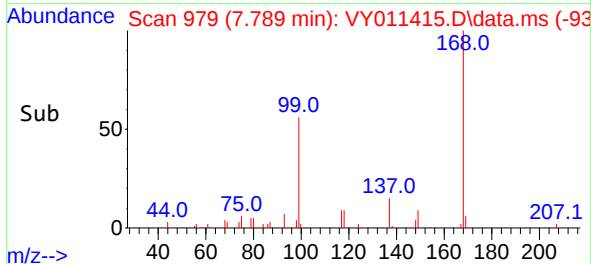
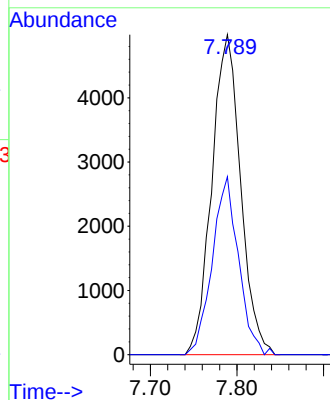
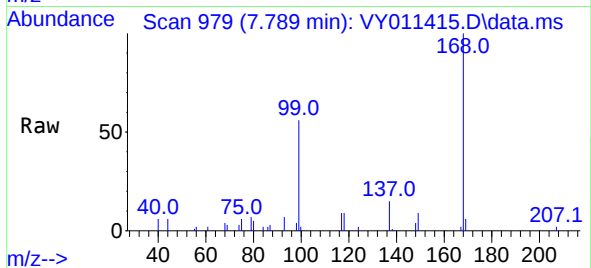




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011415.D
Acq: 11 Nov 2022 13:54

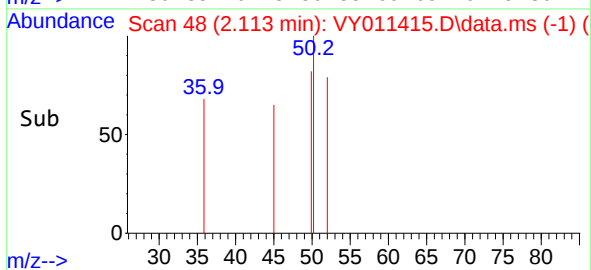
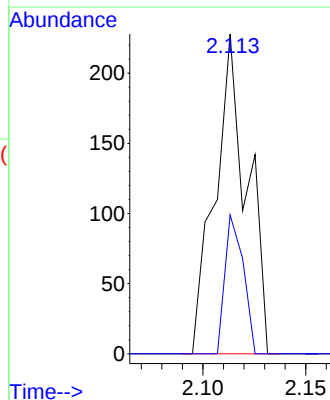
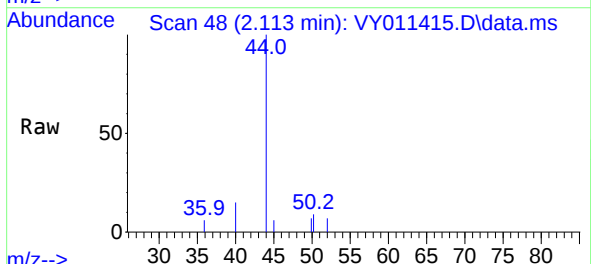
Instrument :
MSVOA_Y
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SB-11

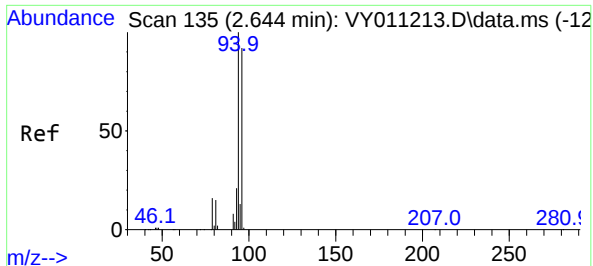
Tgt Ion:168 Resp: 11511
Ion Ratio Lower Upper
168 100
99 55.6 46.9 70.3



#3
Chloromethane
Concen: 2.670 ug/l
RT: 2.113 min Scan# 48
Delta R.T. 0.000 min
Lab File: VY011415.D
Acq: 11 Nov 2022 13:54

Tgt Ion: 50 Resp: 247
Ion Ratio Lower Upper
50 100
52 43.4 24.6 37.0#

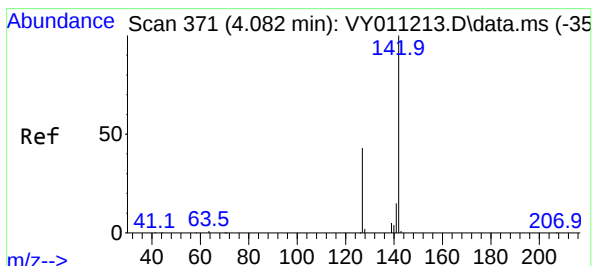
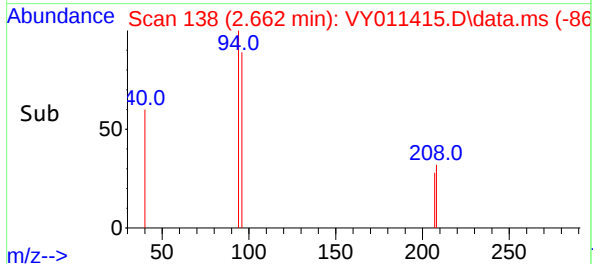
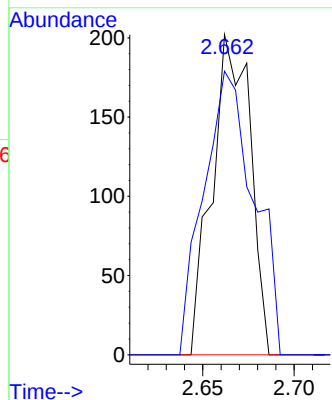
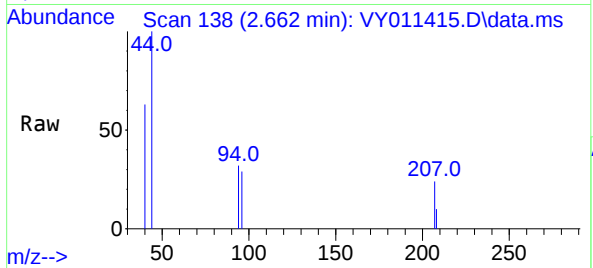




#5
Bromomethane
Concen: 3.723 ug/l
RT: 2.662 min Scan# 11
Delta R.T. 0.018 min
Lab File: VY011415.D
Acq: 11 Nov 2022 13:54

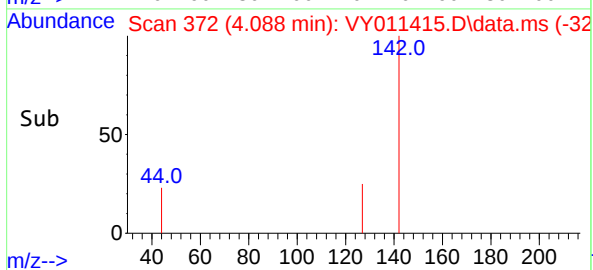
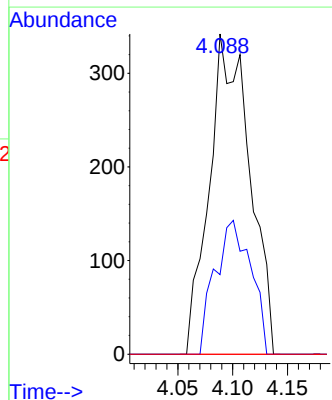
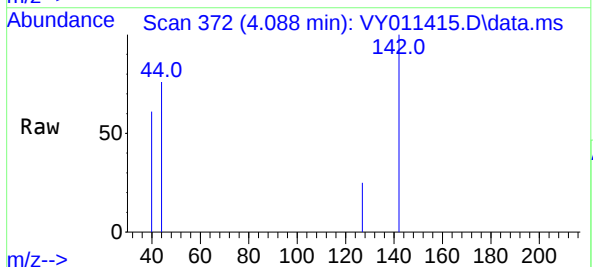
Instrument :
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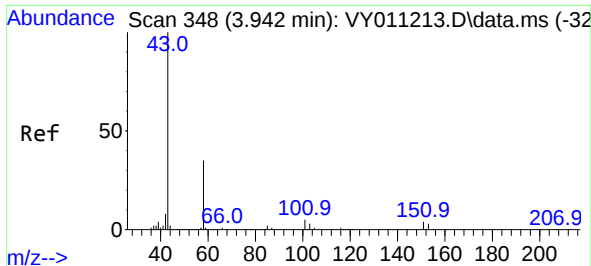
Tgt Ion: 94 Resp: 294
Ion Ratio Lower Upper
94 100
96 88.6 73.5 110.3



#10
Methyl Iodide
Concen: 6.296 ug/l
RT: 4.088 min Scan# 372
Delta R.T. 0.000 min
Lab File: VY011415.D
Acq: 11 Nov 2022 13:54

Tgt Ion: 142 Resp: 876
Ion Ratio Lower Upper
142 100
127 37.1 41.5 62.3#
141 0.0 11.9 17.9#

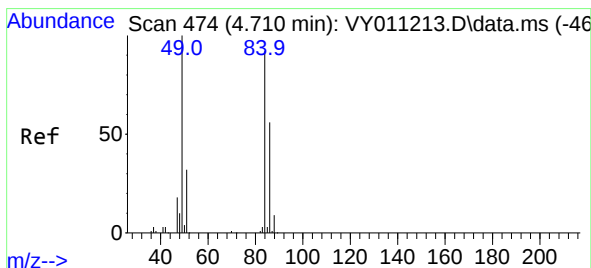
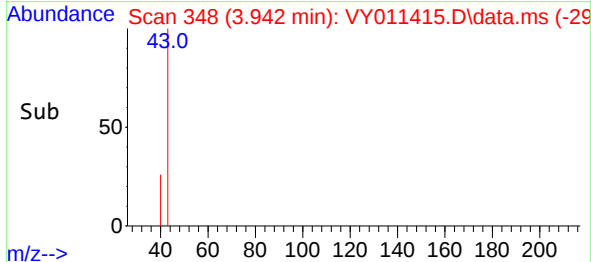
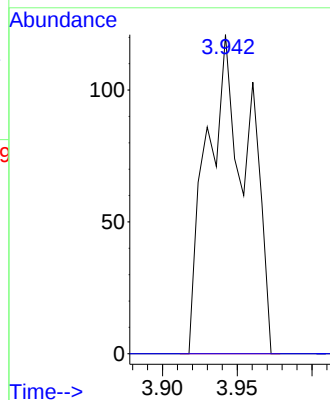
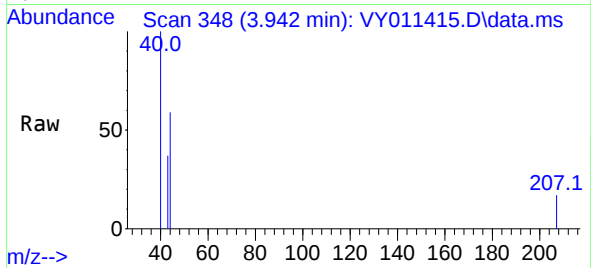




#16
Acetone
Concen: 9.154 ug/l
RT: 3.942 min Scan# 34
Delta R.T. 0.000 min
Lab File: VY011415.D
Acq: 11 Nov 2022 13:54

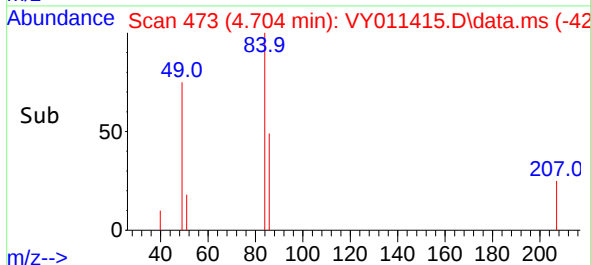
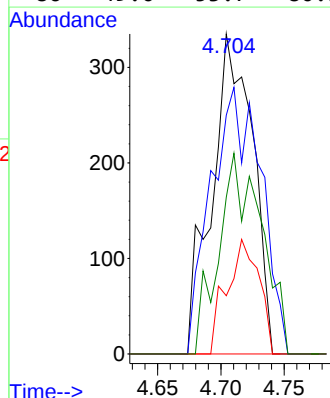
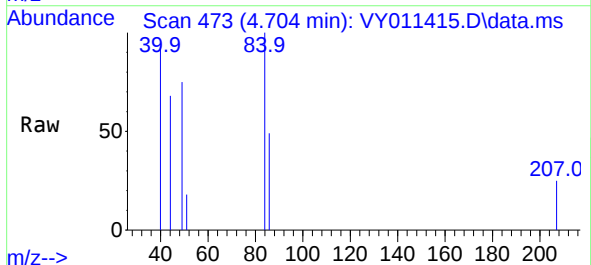
Instrument :
MSVOA_Y
ClientSampleId :
SB-11

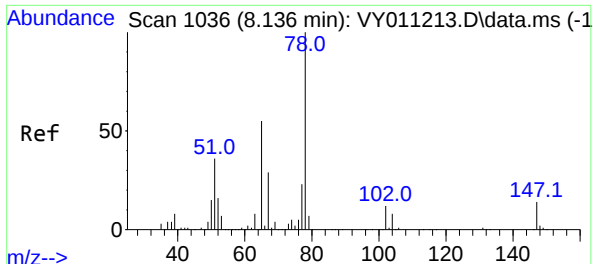
Tgt Ion: 43 Resp: 233
Ion Ratio Lower Upper
43 100
58 0.0 22.0 33.0#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.704 min Scan# 473
Delta R.T. -0.006 min
Lab File: VY011415.D
Acq: 11 Nov 2022 13:54

Tgt Ion: 84 Resp: 752
Ion Ratio Lower Upper
84 100
49 74.6 114.4 171.6#
51 18.2 35.3 52.9#
86 49.0 53.7 80.5#





#33

1,2-Dichloroethane-d4

Concen: 63.965 ug/l

RT: 8.143 min Scan# 1037

Delta R.T. 0.007 min

Lab File: VY011415.D

Acq: 11 Nov 2022 13:54

Instrument :

MSVOA_Y

ClientSampleId :

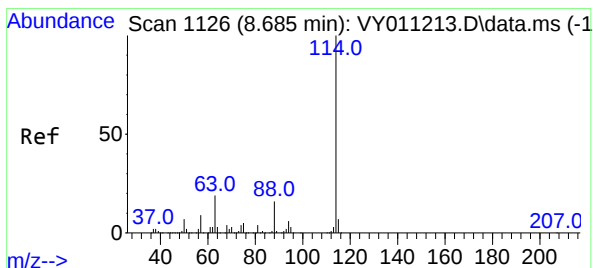
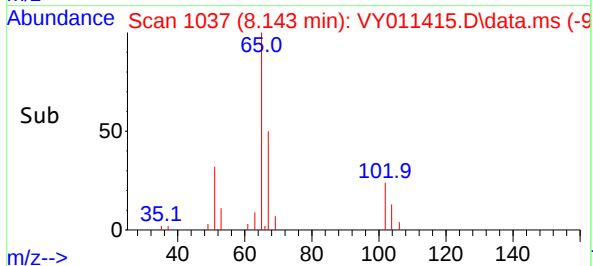
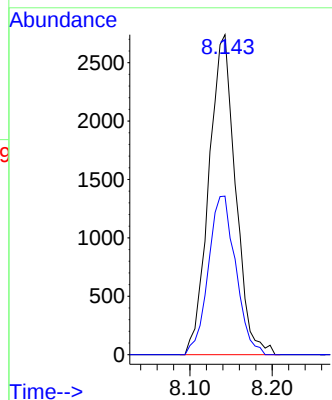
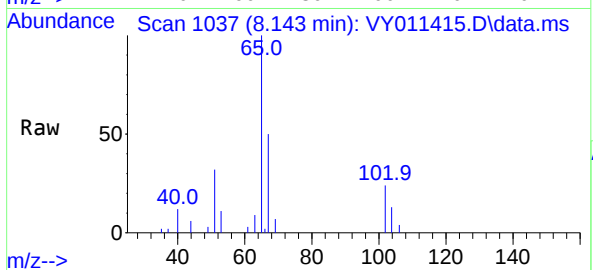
SB-11

Tgt Ion: 65 Resp: 6170

Ion Ratio Lower Upper

65 100

67 51.0 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY011415.D

Acq: 11 Nov 2022 13:54

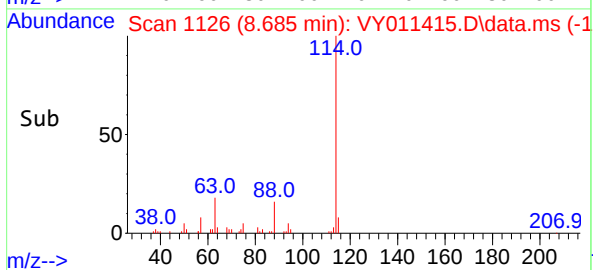
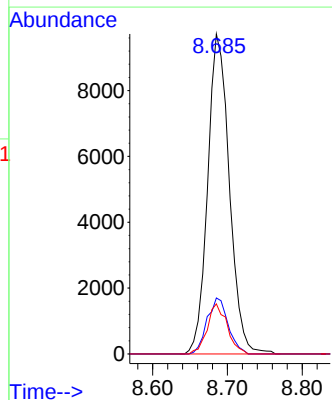
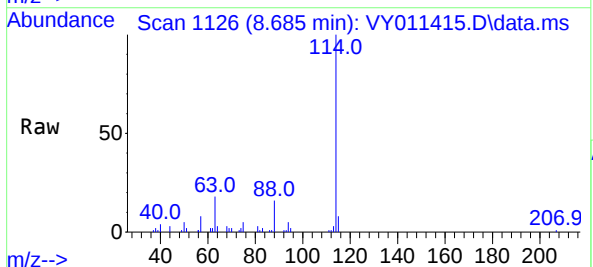
Tgt Ion: 114 Resp: 19594

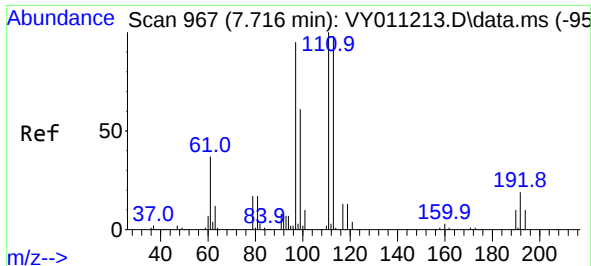
Ion Ratio Lower Upper

114 100

63 17.5 0.0 43.2

88 15.6 0.0 31.8

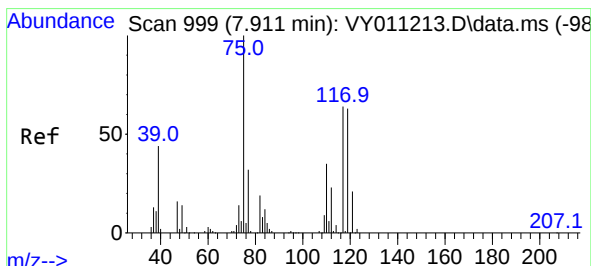
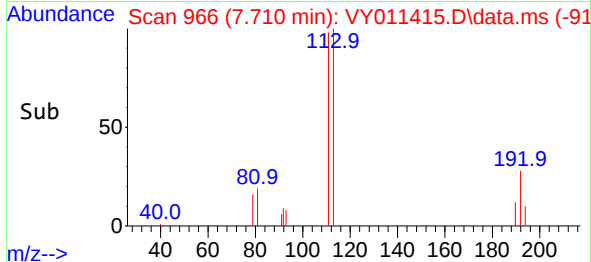
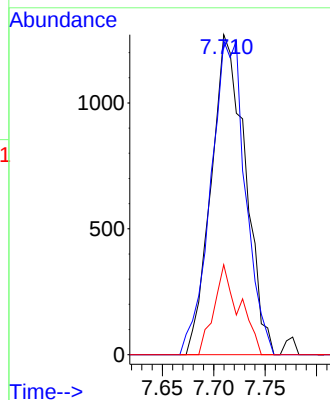
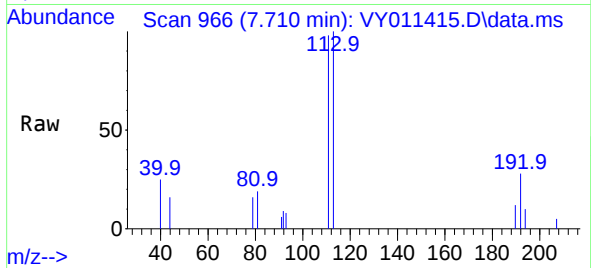




#35
Dibromofluoromethane
Concen: 26.683 ug/l
RT: 7.710 min Scan# 910
Delta R.T. -0.000 min
Lab File: VY011415.D
Acq: 11 Nov 2022 13:54

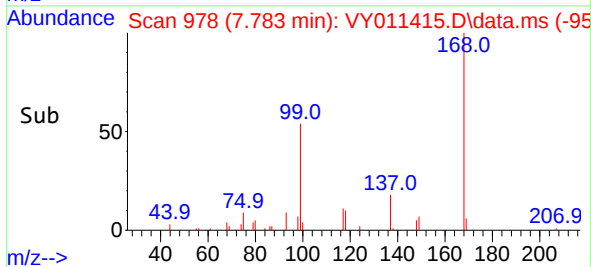
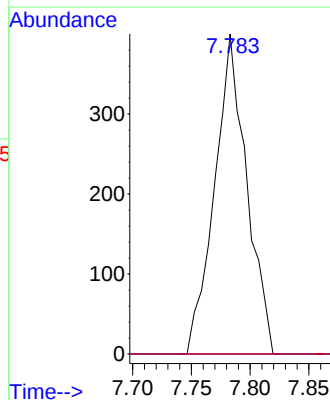
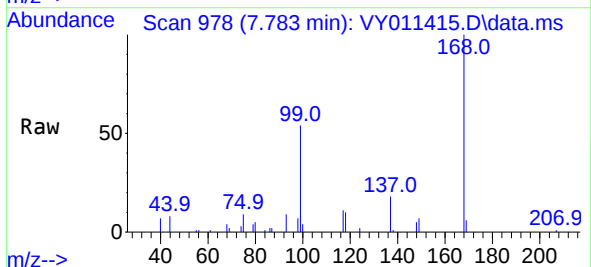
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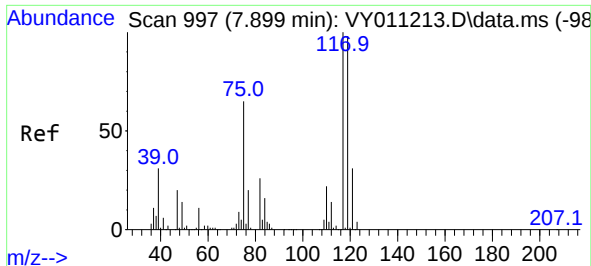
Tgt Ion:113 Resp: 2930
Ion Ratio Lower Upper
113 100
111 99.7 82.6 124.0
192 21.0 17.6 26.4



#36
1,1-Dichloropropene
Concen: 4.459 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.134 min
Lab File: VY011415.D
Acq: 11 Nov 2022 13:54

Tgt Ion: 75 Resp: 760
Ion Ratio Lower Upper
75 100
110 0.0 17.1 51.2#
77 0.0 24.4 36.6#

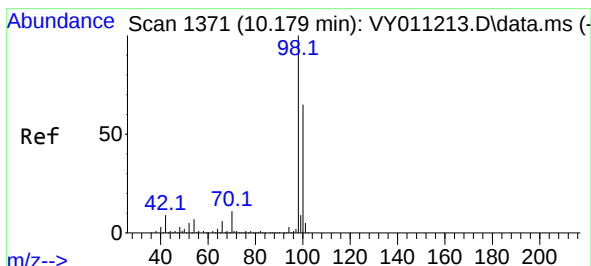
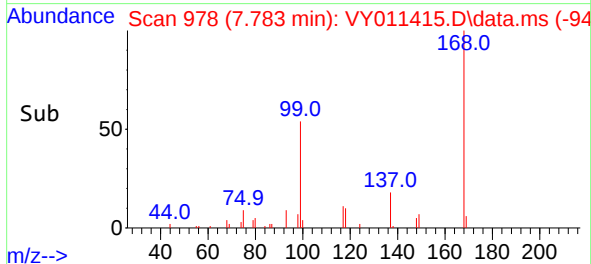
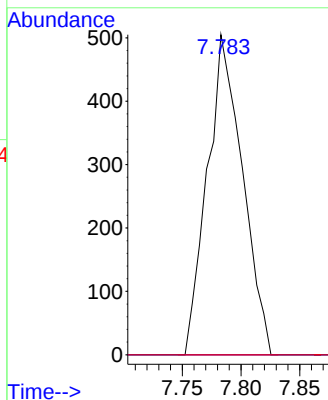
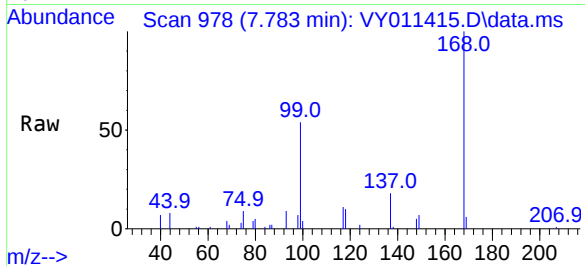




#38
Carbon Tetrachloride
Concen: 5.675 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY011415.D
Acq: 11 Nov 2022 13:54

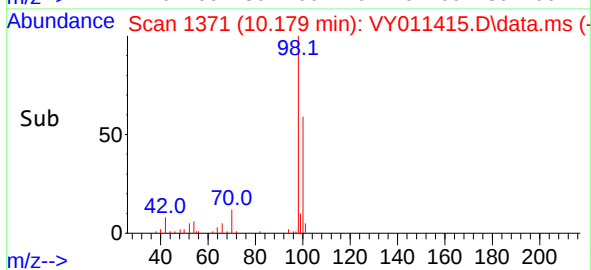
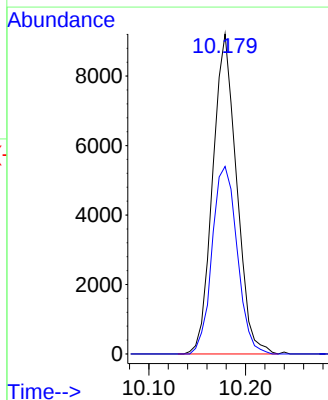
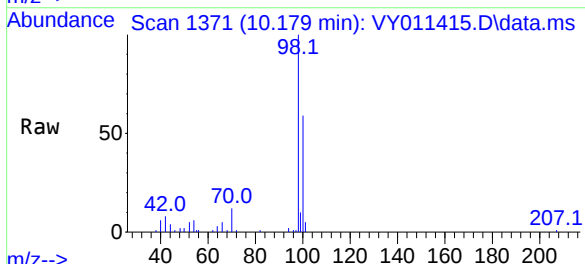
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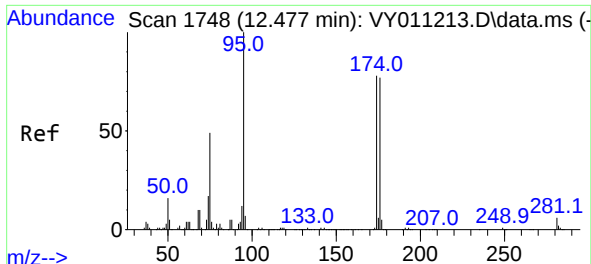
Tgt Ion:117 Resp: 1052
Ion Ratio Lower Upper
117 100
119 0.0 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 37.640 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY011415.D
Acq: 11 Nov 2022 13:54

Tgt Ion: 98 Resp: 15790
Ion Ratio Lower Upper
98 100
100 61.6 50.2 75.2

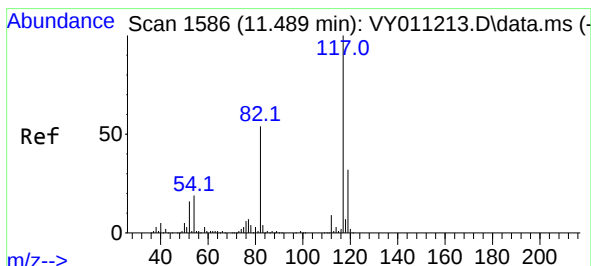
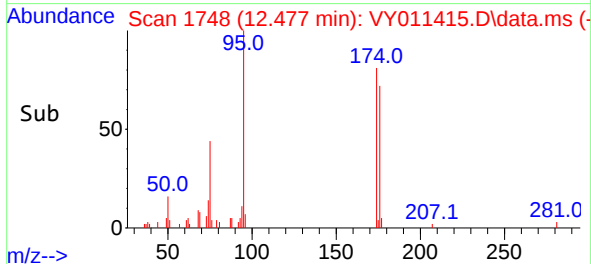
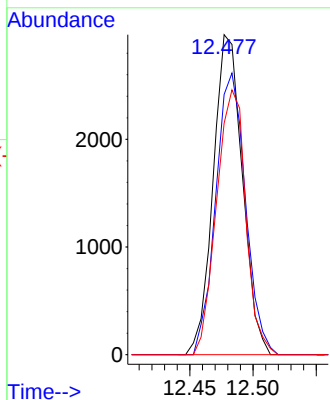
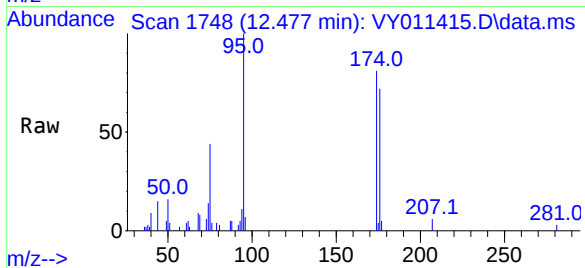




#62
4-Bromofluorobenzene
Concen: 32.532 ug/l
RT: 12.477 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY011415.D
Acq: 11 Nov 2022 13:54

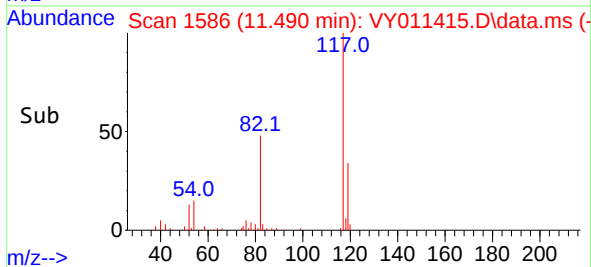
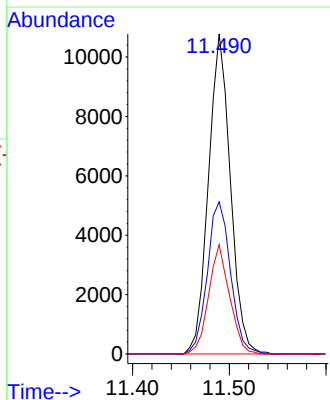
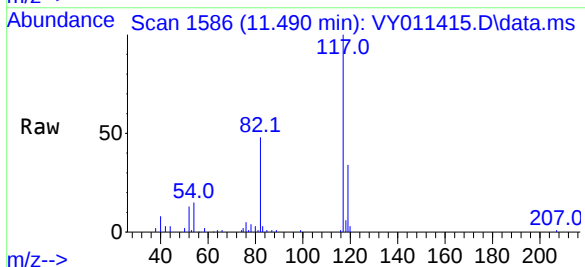
Instrument :
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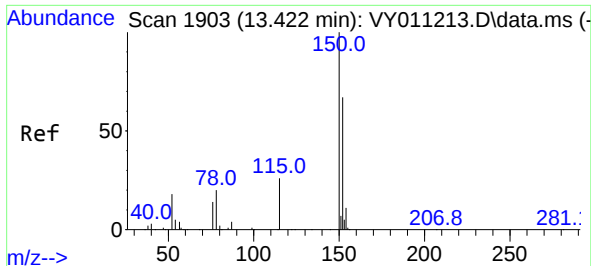
Tgt Ion:	95	Resp:	4760
Ion	Ratio	Lower	Upper
95	100		
174	89.9	0.0	177.0
176	82.8	0.0	175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY011415.D
Acq: 11 Nov 2022 13:54

Tgt Ion:	117	Resp:	16973
Ion	Ratio	Lower	Upper
117	100		
82	47.5	43.0	64.4
119	34.2	25.4	38.0

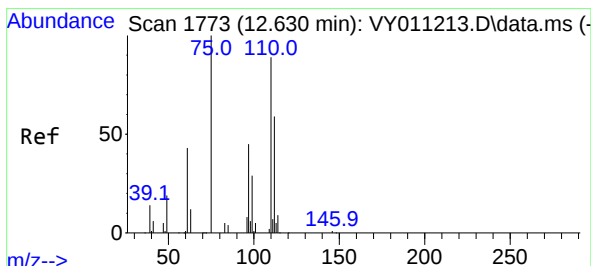
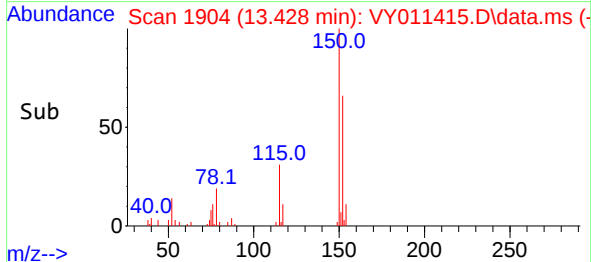
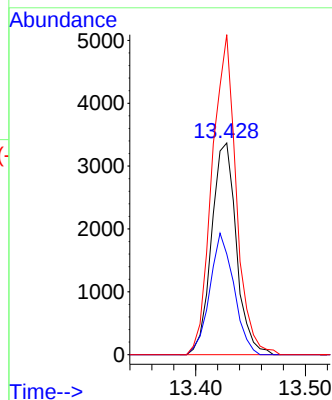
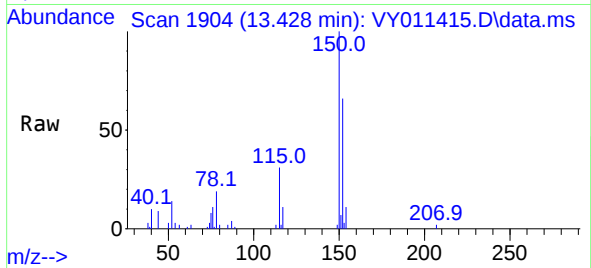




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1903
 Delta R.T. 0.006 min
 Lab File: VY011415.D
 Acq: 11 Nov 2022 13:54

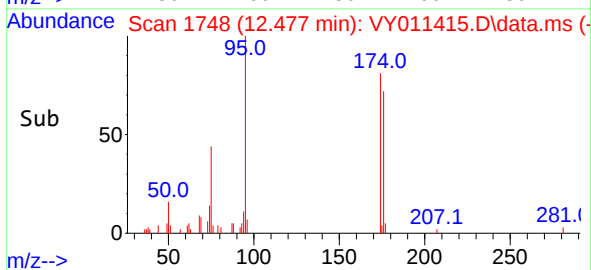
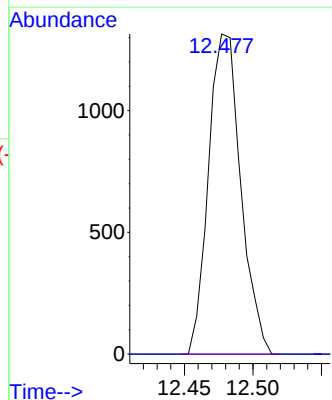
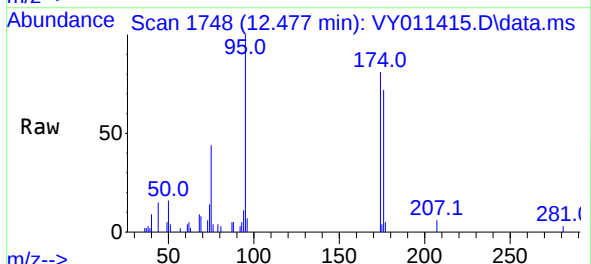
Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-11

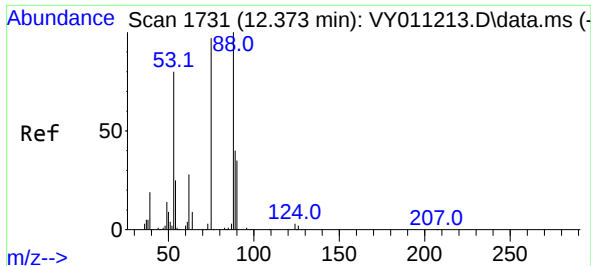
Tgt Ion:152 Resp: 5300
 Ion Ratio Lower Upper
 152 100
 115 55.7 28.2 84.7
 150 146.9 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 35.111 ug/l
 RT: 12.477 min Scan# 1748
 Delta R.T. -0.153 min
 Lab File: VY011415.D
 Acq: 11 Nov 2022 13:54

Tgt Ion: 75 Resp: 2154
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#81
 trans-1,4-Dichloro-2-butene
 Concen: 84.395 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.097 min
 Lab File: VY011415.D
 Acq: 11 Nov 2022 13:54

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-11

Tgt Ion: 75 Resp: 2154
 Ion Ratio Lower Upper
 75 100
 53 0.0 85.3 127.9#
 89 0.0 37.0 55.4#

