

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052322\
 Data File : VY009017.D
 Acq On : 23 May 2022 19:25
 Operator : KP/MD
 Sample : N2887-22
 Misc : 5.98g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 P041-SS001-0006-01RE

Quant Time: May 24 01:50:35 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)

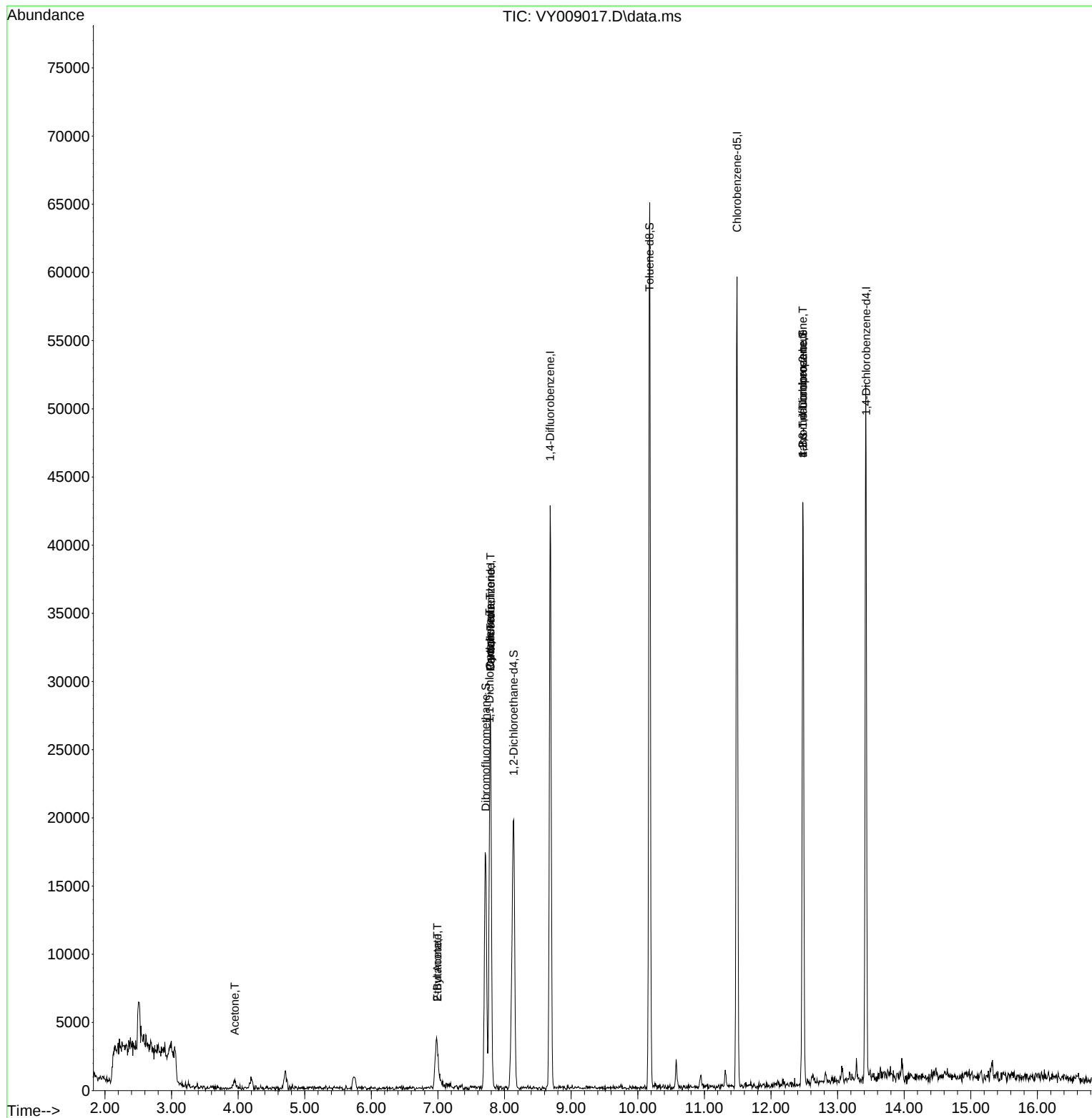
Internal Standards						
1) Pentafluorobenzene	7.789	168	21757	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	34573	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	31150	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	11978	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	12797	57.150	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 114.300%			
35) Dibromofluoromethane	7.716	113	11977	55.710	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 111.420%			
50) Toluene-d8	10.179	98	41941	52.881	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 105.760%			
62) 4-Bromofluorobenzene	12.477	95	11198	35.000	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 70.000%			
Target Compounds					Qvalue	
16) Acetone	3.948	43	896	19.223	ug/l #	81
20) Methylene Chloride	4.704	84	724	Below Cal	#	61
25) 2-Butanone	6.990	43	213	2.559	ug/l #	54
31) Cyclohexane	7.783	56	514	1.173	ug/l #	20
36) 1,1-Dichloropropene	7.777	75	1846	5.046	ug/l #	49
37) Ethyl Acetate	6.990	43	213	1.122	ug/l #	9
38) Carbon Tetrachloride	7.789	117	2262	5.910	ug/l #	11
76) 1,2,3-Trichloropropane	12.477	75	6370	49.522	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	6370	101.644	ug/l #	7

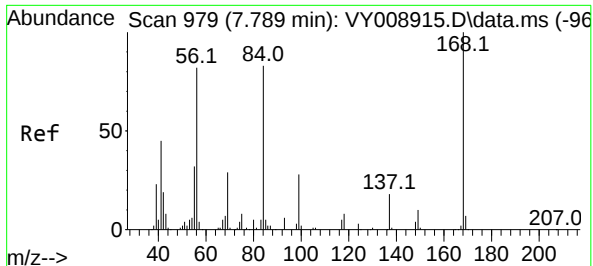
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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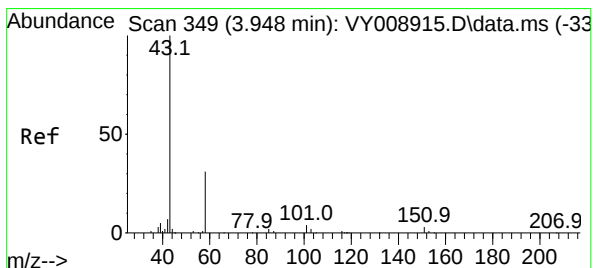
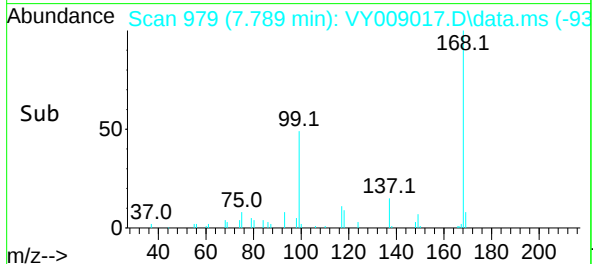
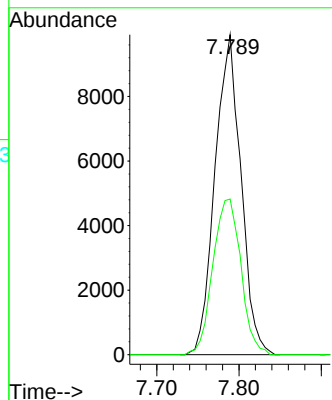
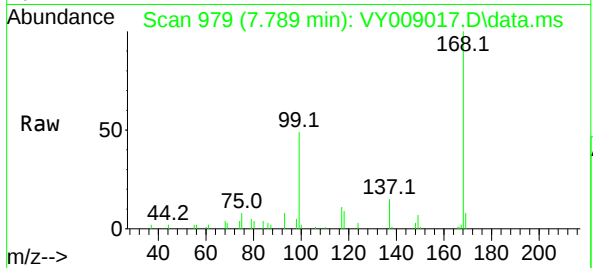




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY009017.D
Acq: 23 May 2022 19:25

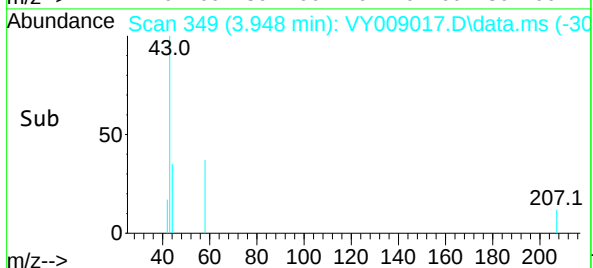
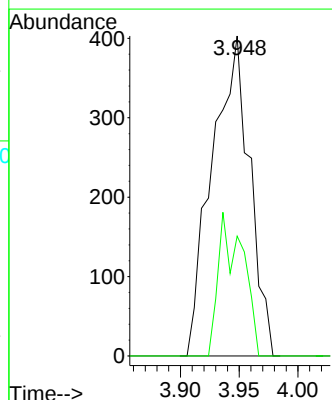
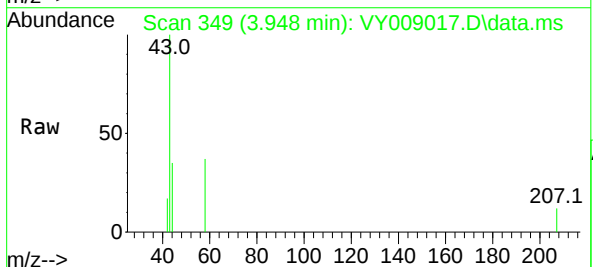
Instrument :
MSVOA_Y
ClientSampleId :
P041-SS001-0006-01RE

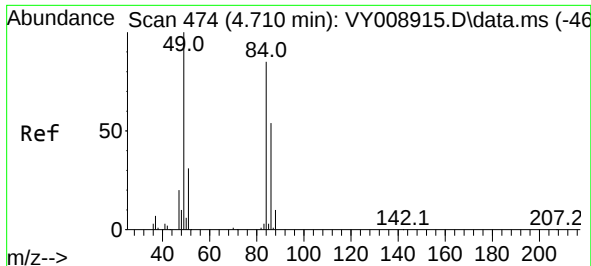
Tgt Ion:168 Resp: 21757
Ion Ratio Lower Upper
168 100
99 48.6 46.9 70.3



#16
Acetone
Concen: 19.223 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.000 min
Lab File: VY009017.D
Acq: 23 May 2022 19:25

Tgt Ion: 43 Resp: 896
Ion Ratio Lower Upper
43 100
58 37.5 22.0 33.0#

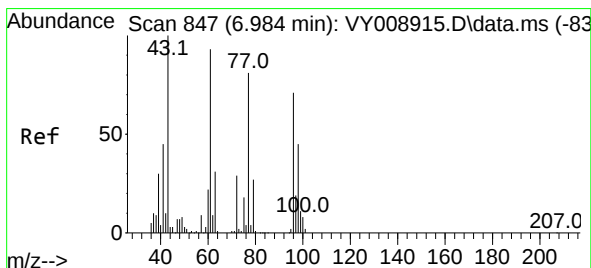
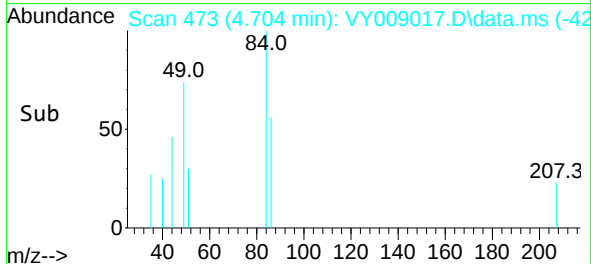
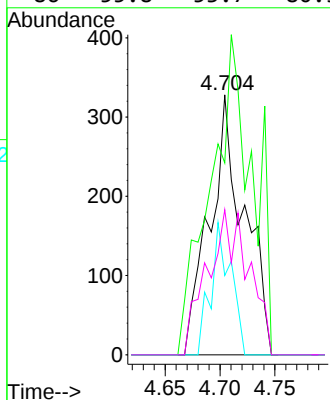
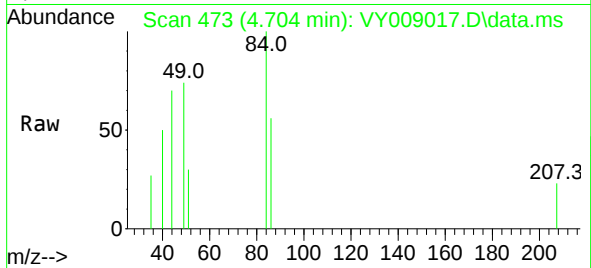




#20
Methylene Chloride
Concen: Below Cal
RT: 4.704 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY009017.D
Acq: 23 May 2022 19:25

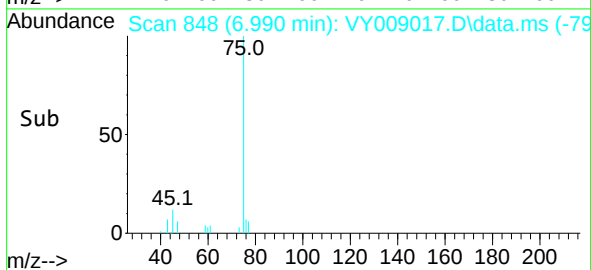
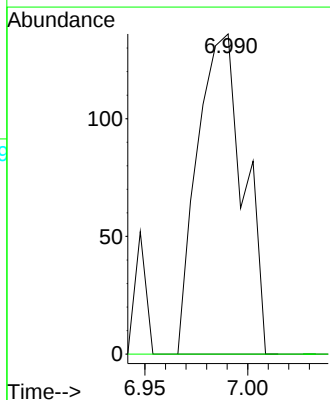
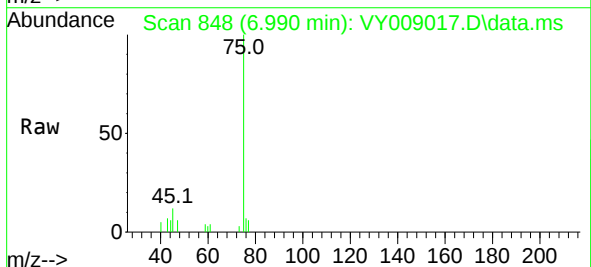
Instrument :
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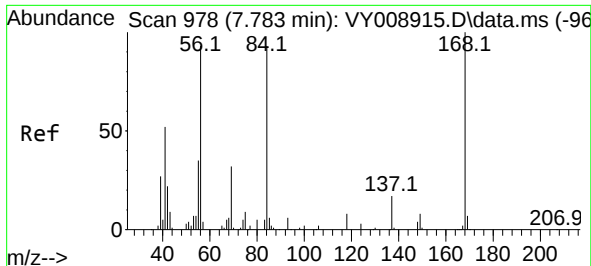
Tgt Ion:	84	Resp:	724
Ion	Ratio	Lower	Upper
84	100		
49	73.8	114.4	171.6#
51	30.5	35.3	52.9#
86	55.8	53.7	80.5



#25
2-Butanone
Concen: 2.559 ug/l
RT: 6.990 min Scan# 848
Delta R.T. 0.006 min
Lab File: VY009017.D
Acq: 23 May 2022 19:25

Tgt Ion:	43	Resp:	213
Ion	Ratio	Lower	Upper
43	100		
72	0.0	17.7	26.5#

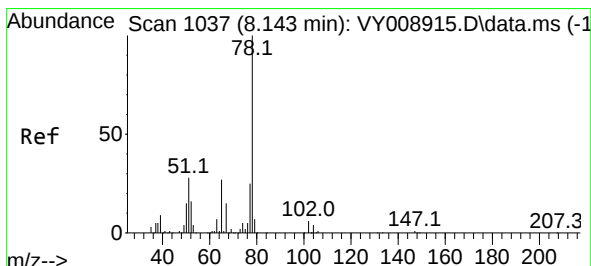
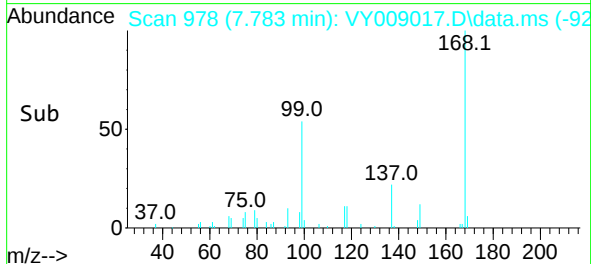
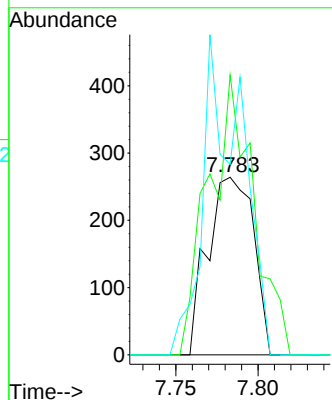
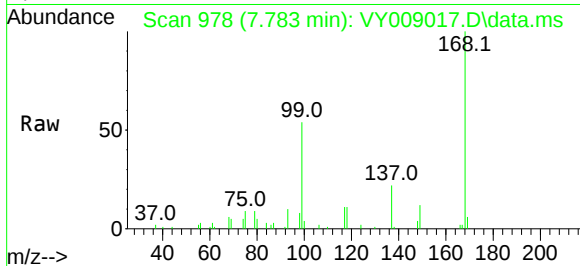




#31
Cyclohexane
Concen: 1.173 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009017.D
Acq: 23 May 2022 19:25

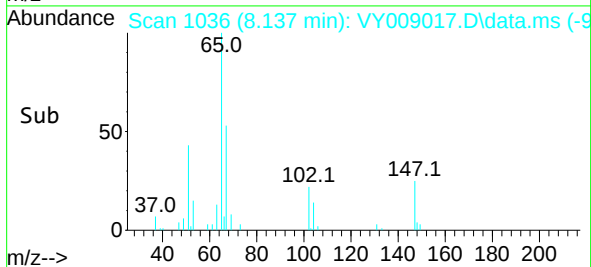
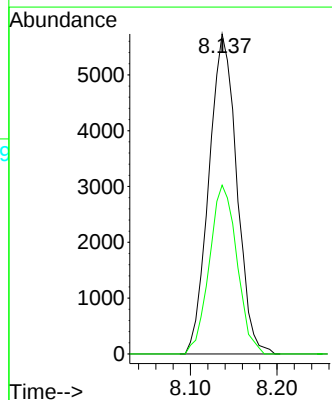
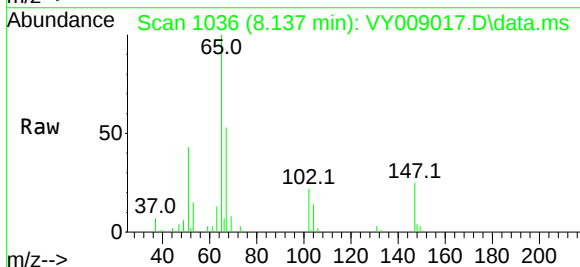
Instrument :
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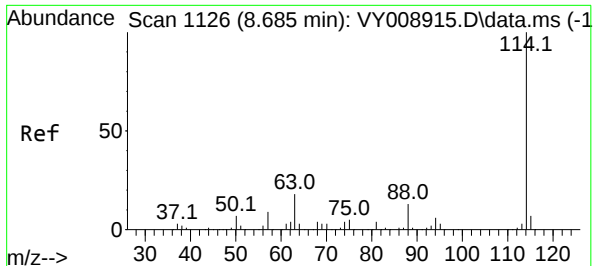
Tgt Ion: 56 Resp: 514
Ion Ratio Lower Upper
56 100
69 157.6 26.7 40.1#
84 107.2 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 57.150 ug/l
RT: 8.137 min Scan# 1036
Delta R.T. -0.006 min
Lab File: VY009017.D
Acq: 23 May 2022 19:25

Tgt Ion: 65 Resp: 12797
Ion Ratio Lower Upper
65 100
67 52.3 0.0 99.4

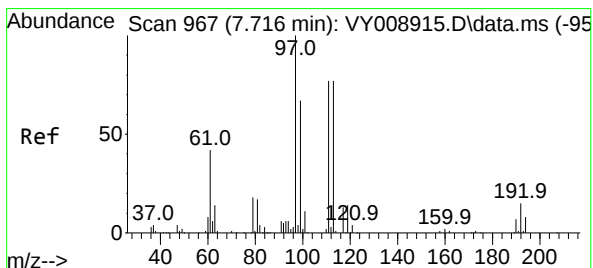
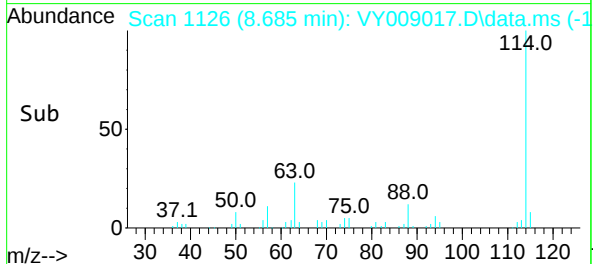
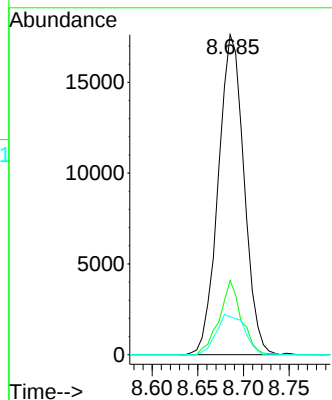
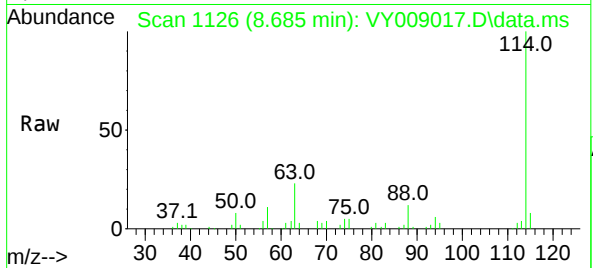




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY009017.D
Acq: 23 May 2022 19:25

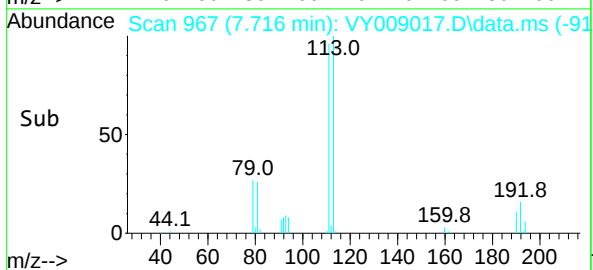
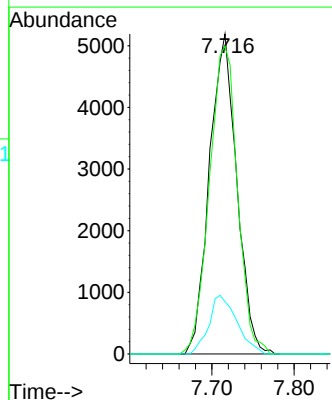
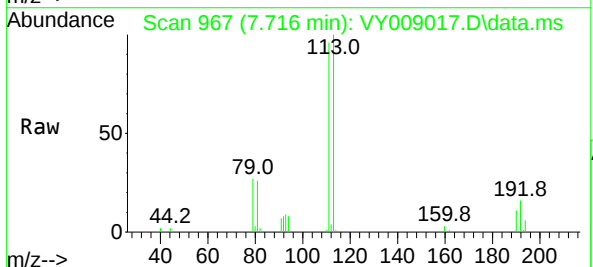
Instrument :
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ClientSampleId :
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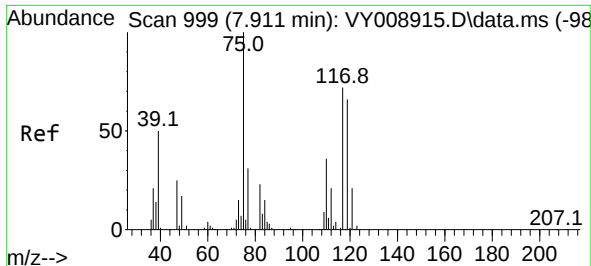
Tgt Ion:114 Resp: 34573
Ion Ratio Lower Upper
114 100
63 23.2 0.0 43.2
88 11.9 0.0 31.8



#35
Dibromofluoromethane
Concen: 55.710 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY009017.D
Acq: 23 May 2022 19:25

Tgt Ion:113 Resp: 11977
Ion Ratio Lower Upper
113 100
111 99.0 82.6 124.0
192 18.8 17.6 26.4

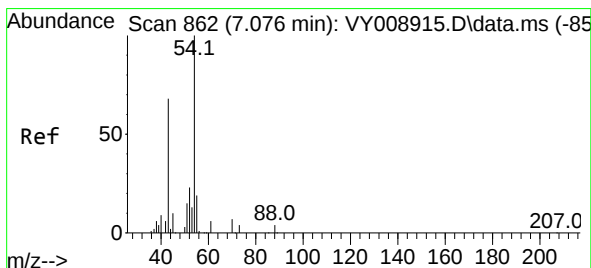
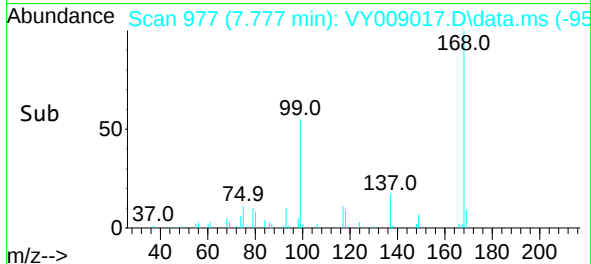
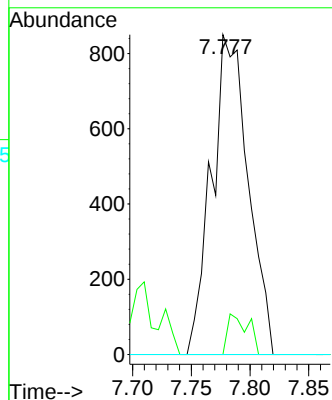
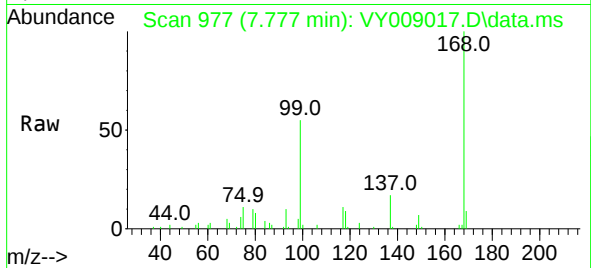




#36
1,1-Dichloropropene
Concen: 5.046 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.134 min
Lab File: VY009017.D
Acq: 23 May 2022 19:25

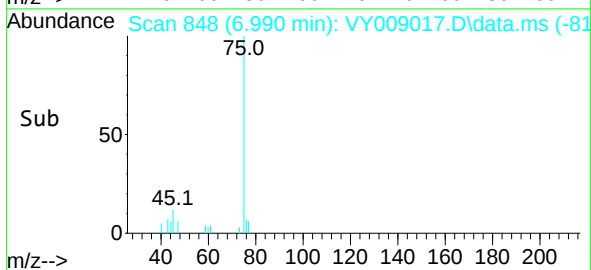
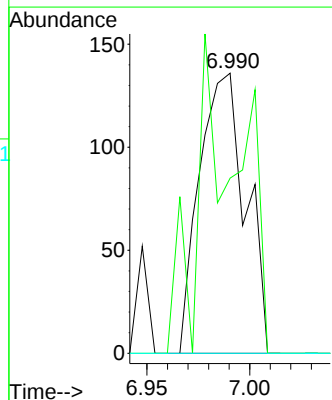
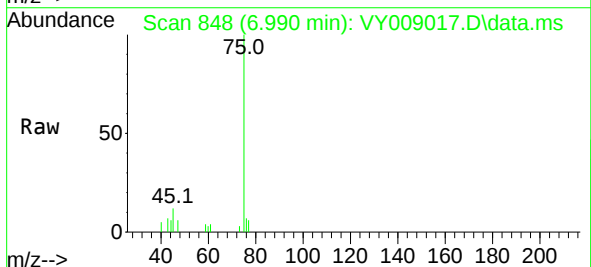
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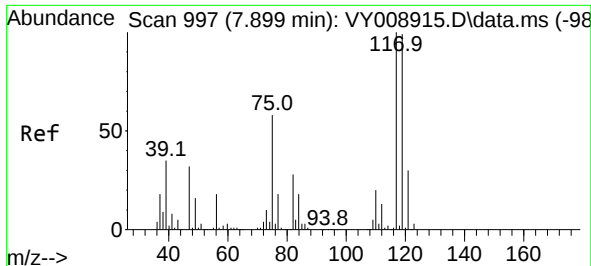
Tgt Ion: 75 Resp: 1846
Ion Ratio Lower Upper
75 100
110 7.1 17.1 51.2#
77 0.0 24.4 36.6#



#37
Ethyl Acetate
Concen: 1.122 ug/l
RT: 6.990 min Scan# 848
Delta R.T. -0.086 min
Lab File: VY009017.D
Acq: 23 May 2022 19:25

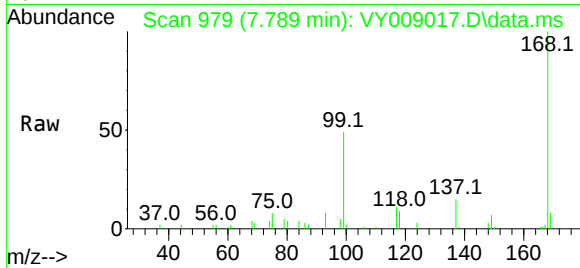
Tgt Ion: 43 Resp: 213
Ion Ratio Lower Upper
43 100
61 66.7 9.7 14.5#
70 0.0 7.1 10.7#



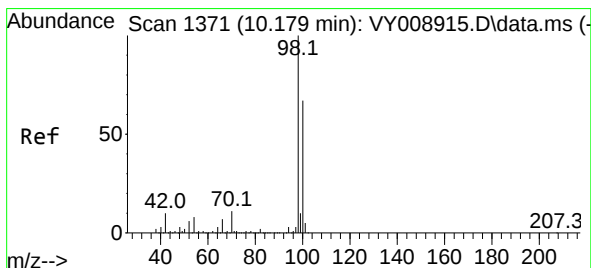
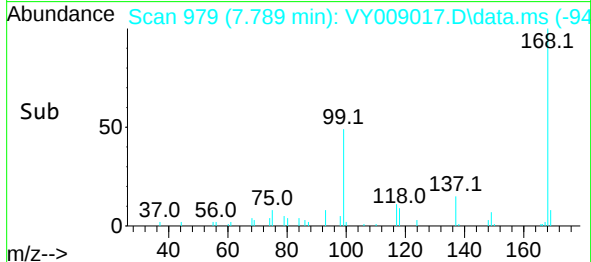
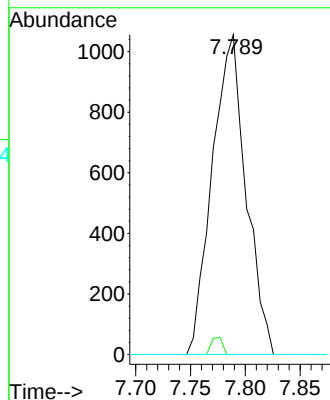


#38
Carbon Tetrachloride
Concen: 5.910 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY009017.D
Acq: 23 May 2022 19:25

Instrument :
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ClientSampleId :
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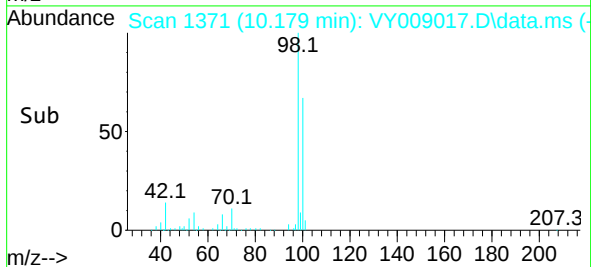
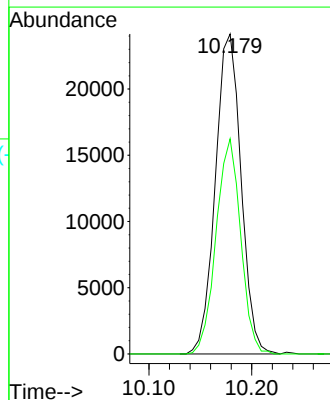
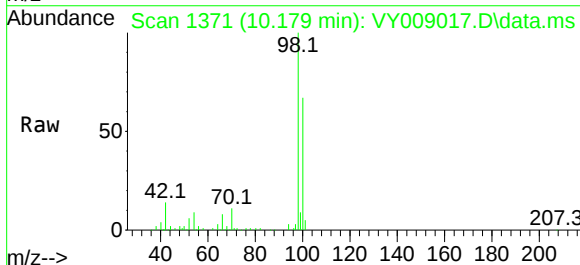


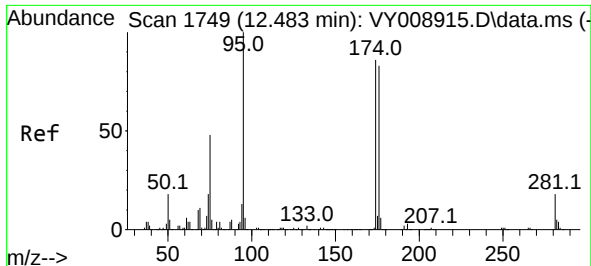
Tgt Ion:117 Resp: 2262
Ion Ratio Lower Upper
117 100
119 0.0 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 52.881 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY009017.D
Acq: 23 May 2022 19:25

Tgt Ion: 98 Resp: 41941
Ion Ratio Lower Upper
98 100
100 64.2 50.2 75.2

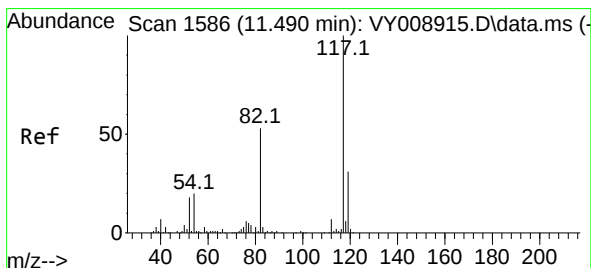
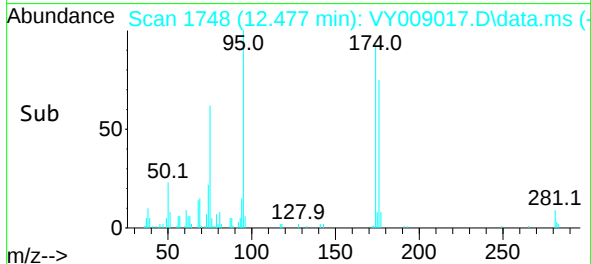
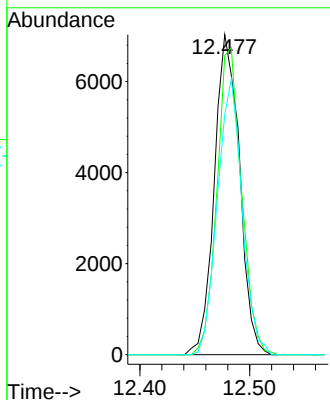
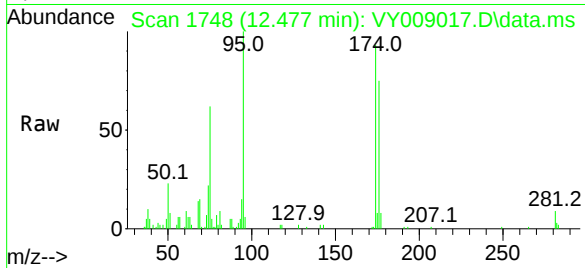




#62
4-Bromofluorobenzene
Concen: 35.000 ug/l
RT: 12.477 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY009017.D
Acq: 23 May 2022 19:25

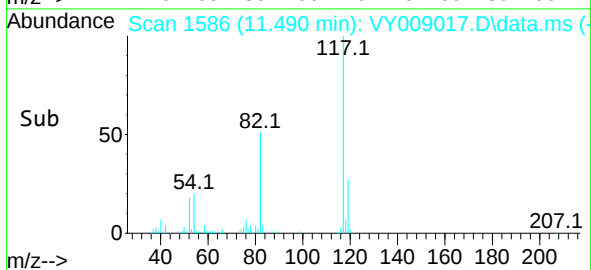
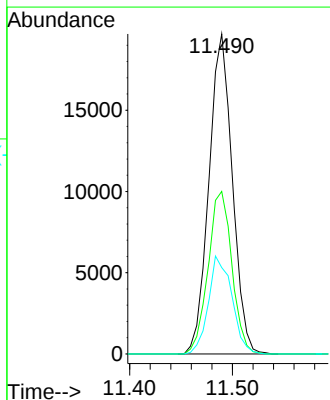
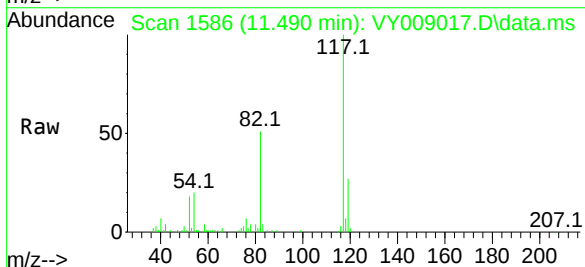
Instrument :
MSVOA_Y
ClientSampleId :
P041-SS001-0006-01RE

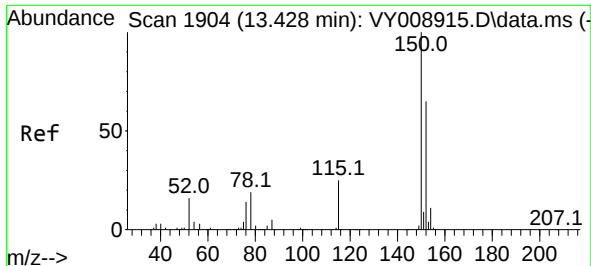
Tgt Ion: 95 Resp: 11198
Ion Ratio Lower Upper
95 100
174 93.7 0.0 177.0
176 84.7 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY009017.D
Acq: 23 May 2022 19:25

Tgt Ion: 117 Resp: 31150
Ion Ratio Lower Upper
117 100
82 50.8 43.0 64.4
119 27.0 25.4 38.0

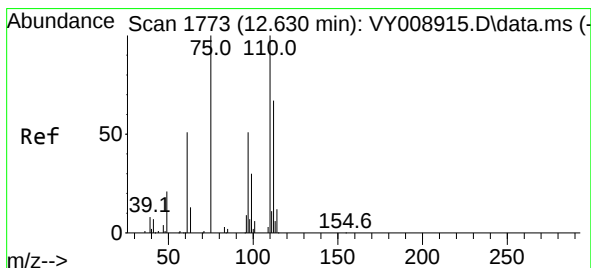
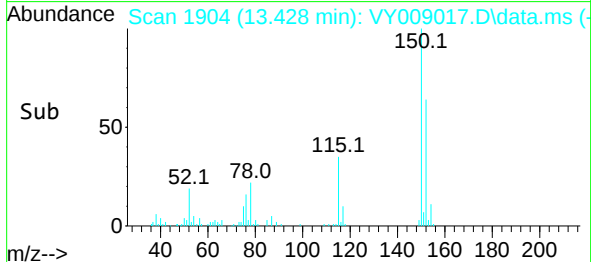
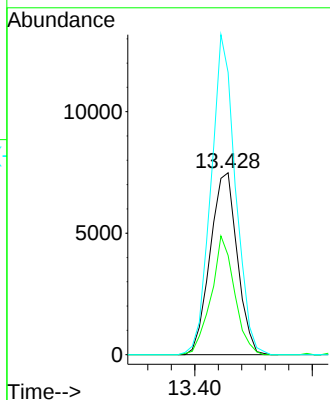
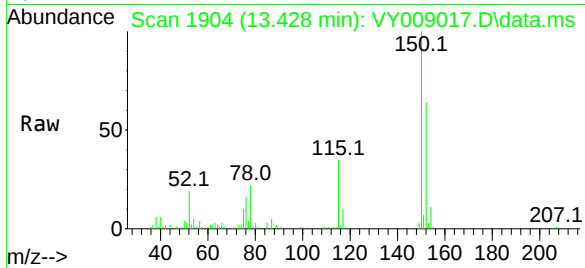




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 14
Delta R.T. 0.000 min
Lab File: VY009017.D
Acq: 23 May 2022 19:25

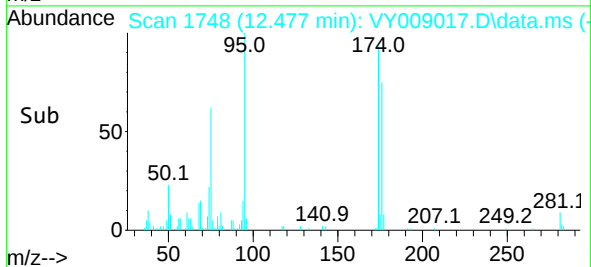
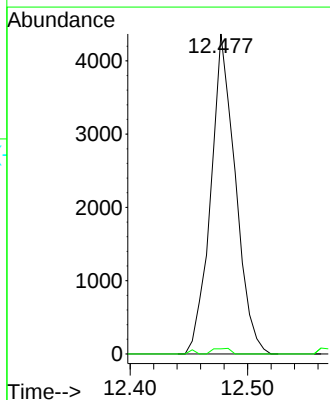
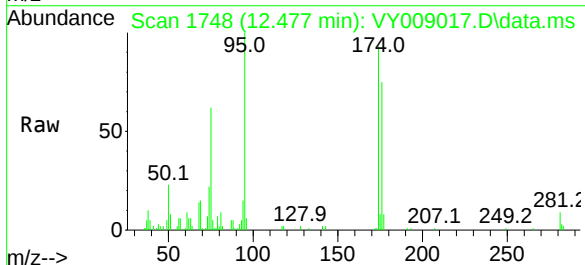
Instrument :
MSVOA_Y
ClientSampleId :
P041-SS001-0006-01RE

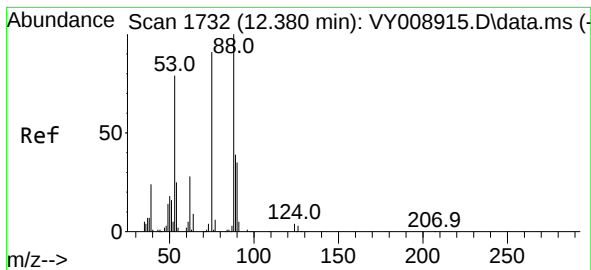
Tgt Ion:152 Resp: 11978
Ion Ratio Lower Upper
152 100
115 56.3 28.2 84.7
150 158.9 0.0 347.6



#76
1,2,3-Trichloropropane
Concen: 49.522 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.153 min
Lab File: VY009017.D
Acq: 23 May 2022 19:25

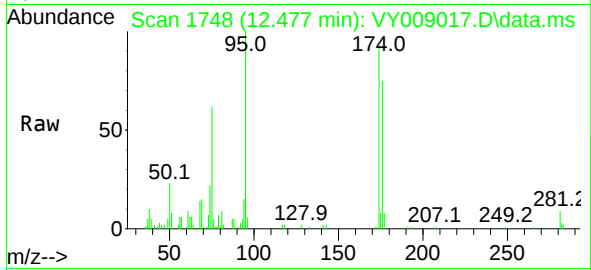
Tgt Ion: 75 Resp: 6370
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 101.644 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.097 min
 Lab File: VY009017.D
 Acq: 23 May 2022 19:25

Instrument :
 MSVOA_Y
 ClientSampleId :
 P041-SS001-0006-01RE



Tgt Ion	Ratio	Lower	Upper
75	100		
53	0.0	85.3	127.9#
89	0.4	37.0	55.4#

