

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052322\
 Data File : VY009004.D
 Acq On : 23 May 2022 14:21
 Operator : KP/MD
 Sample : N2868-03
 Misc : 6.48g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 P017-SS001-1218-01

Quant Time: May 24 01:47:44 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)

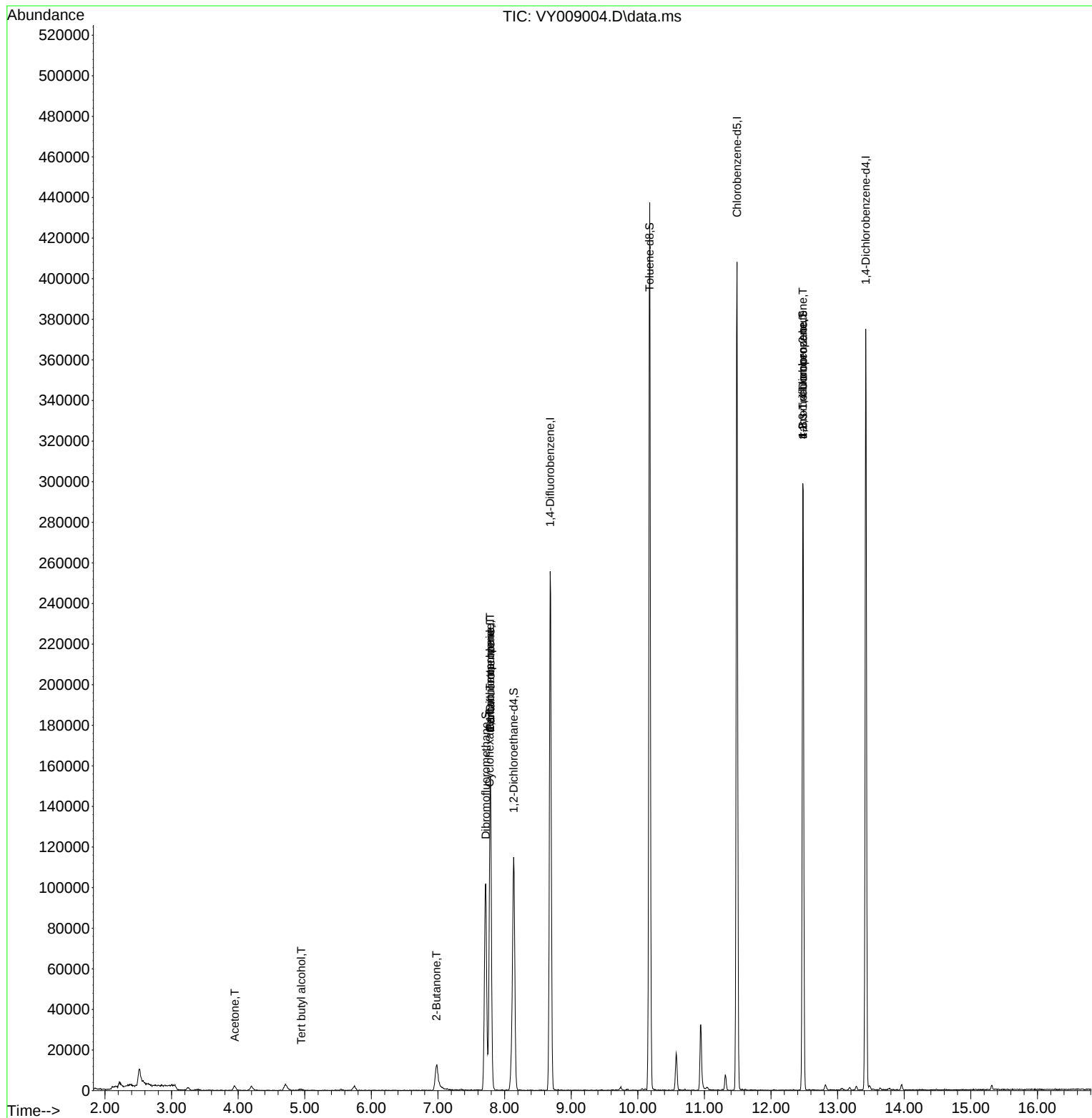
Internal Standards						
1) Pentafluorobenzene	7.789	168	118325	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	212702	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	206900	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	88881	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	78369	64.354	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 128.700%			
35) Dibromofluoromethane	7.716	113	68174	51.543	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 103.080%			
50) Toluene-d8	10.179	98	268349	54.995	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 109.980%			
62) 4-Bromofluorobenzene	12.477	95	78805	40.036	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 80.080%			
Target Compounds						Qvalue
11) Tert butyl alcohol	4.948	59	914	7.399	ug/l #	77
16) Acetone	3.948	43	3958	15.614	ug/l	97
20) Methylene Chloride	4.704	84	2176	Below Cal	#	75
25) 2-Butanone	6.978	43	1329	2.935	ug/l #	54
31) Cyclohexane	7.777	56	3039	1.276	ug/l #	38
36) 1,1-Dichloropropene	7.783	75	10177	4.521	ug/l #	51
38) Carbon Tetrachloride	7.783	117	11898	5.053	ug/l #	15
76) 1,2,3-Trichloropropane	12.477	75	45419	47.585	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	45419	97.669	ug/l #	7

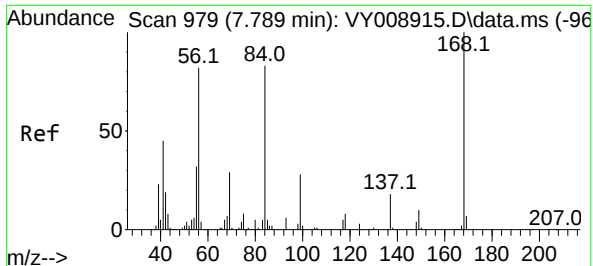
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052322\
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P017-SS001-1218-01

Quant Time: May 24 01:47:44 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

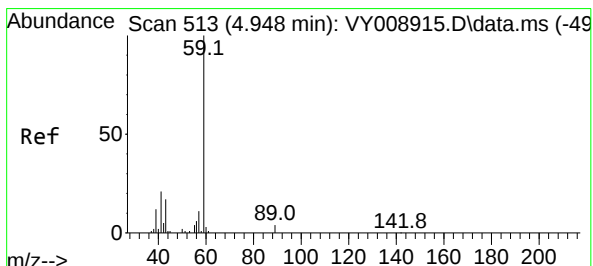
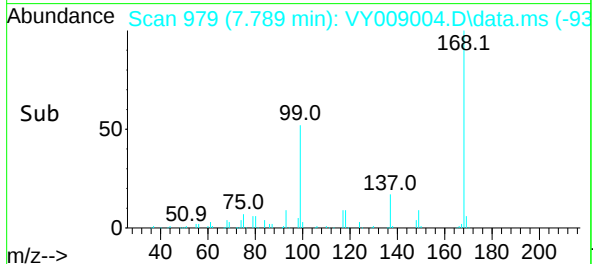
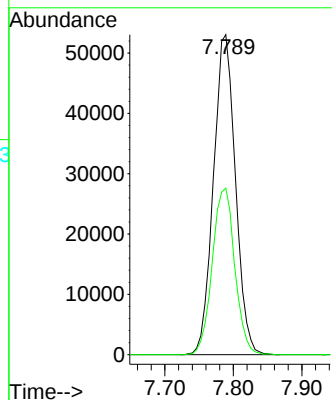
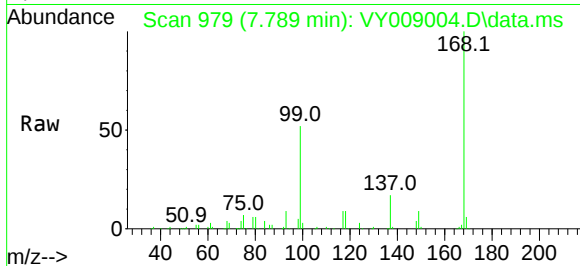




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY009004.D
Acq: 23 May 2022 14:21

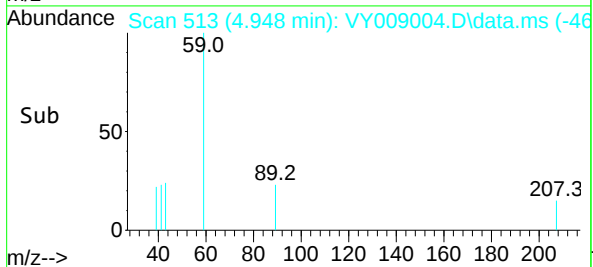
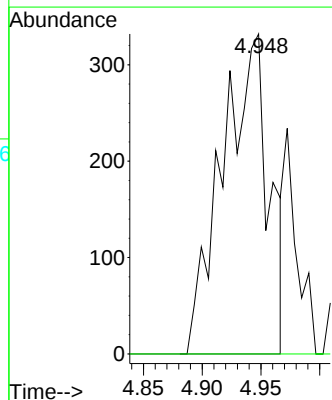
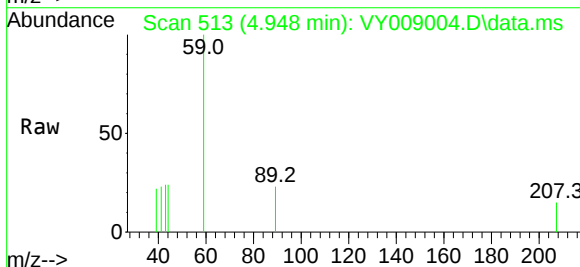
Instrument :
MSVOA_Y
ClientSampleId :
P017-SS001-1218-01

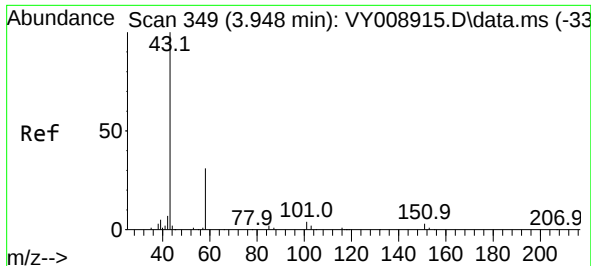
Tgt Ion:168 Resp: 118325
Ion Ratio Lower Upper
168 100
99 52.1 46.9 70.3



#11
Tert butyl alcohol
Concen: 7.399 ug/l
RT: 4.948 min Scan# 513
Delta R.T. 0.000 min
Lab File: VY009004.D
Acq: 23 May 2022 14:21

Tgt Ion: 59 Resp: 914
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#

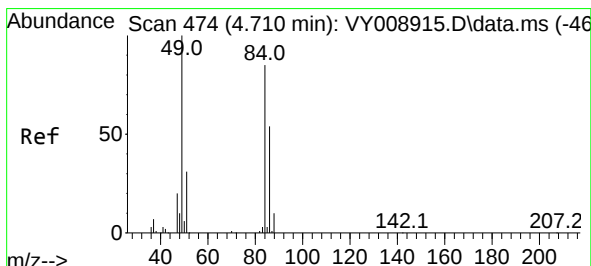
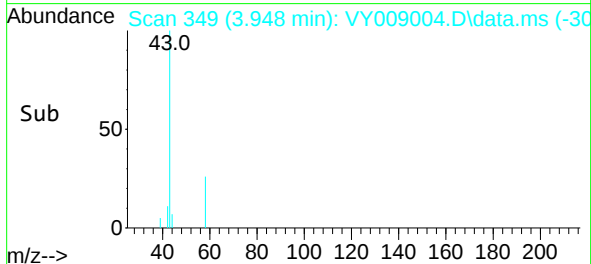
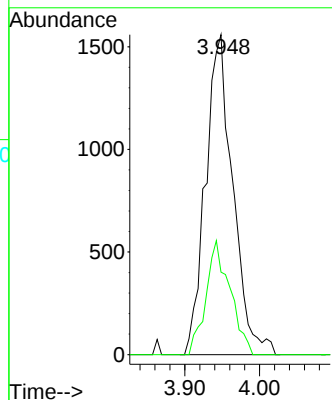
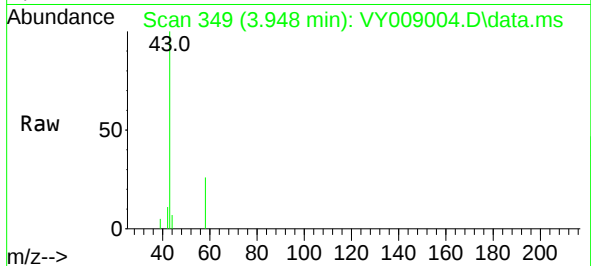




#16
Acetone
Concen: 15.614 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.000 min
Lab File: VY009004.D
Acq: 23 May 2022 14:21

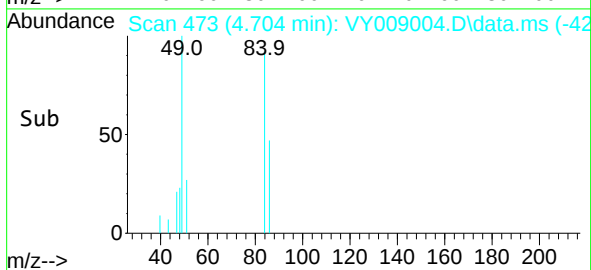
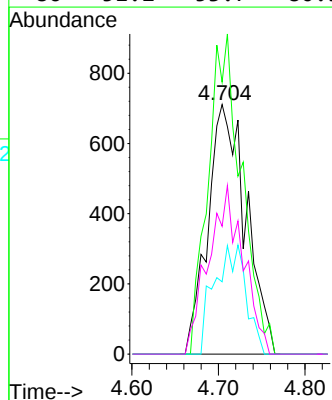
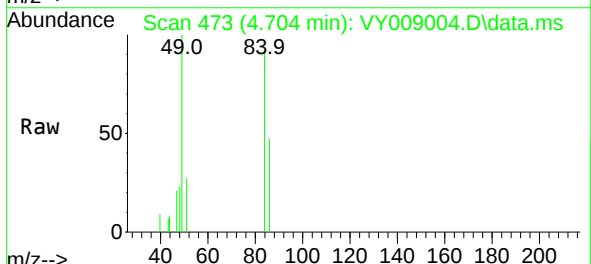
Instrument :
MSVOA_Y
ClientSampleId :
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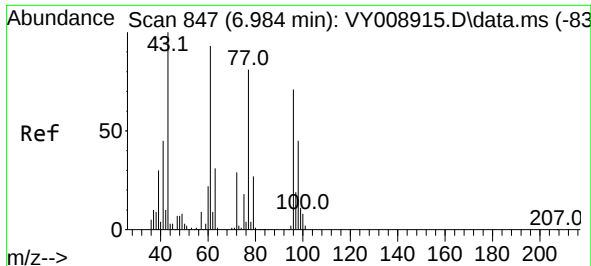
Tgt Ion: 43 Resp: 3958
Ion Ratio Lower Upper
43 100
58 25.8 22.0 33.0



#20
Methylene Chloride
Concen: Below Cal
RT: 4.704 min Scan# 473
Delta R.T. -0.006 min
Lab File: VY009004.D
Acq: 23 May 2022 14:21

Tgt Ion: 84 Resp: 2176
Ion Ratio Lower Upper
84 100
49 109.0 114.4 171.6#
51 29.0 35.3 52.9#
86 51.2 53.7 80.5#

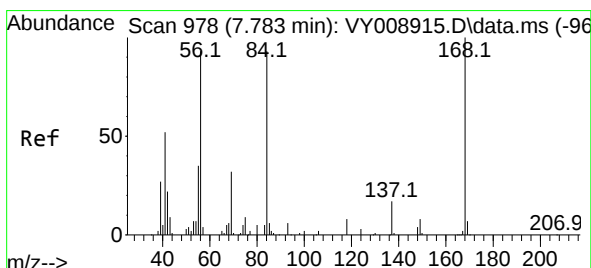
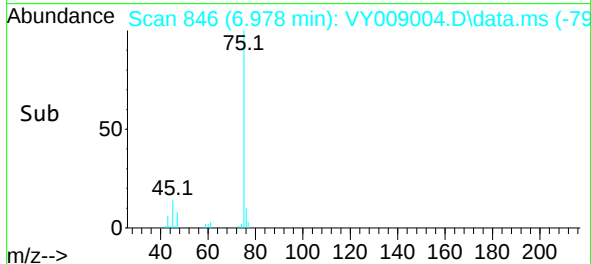
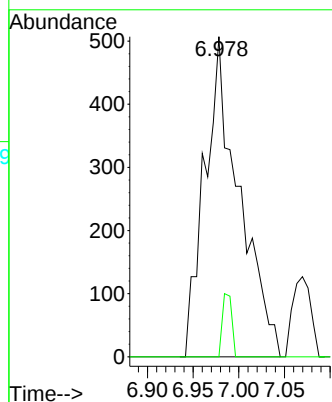
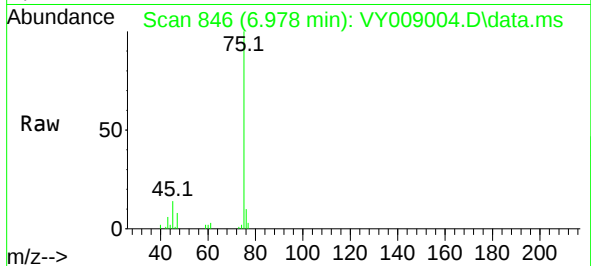




#25
2-Butanone
Concen: 2.935 ug/l
RT: 6.978 min Scan# 84
Delta R.T. -0.006 min
Lab File: VY009004.D
Acq: 23 May 2022 14:21

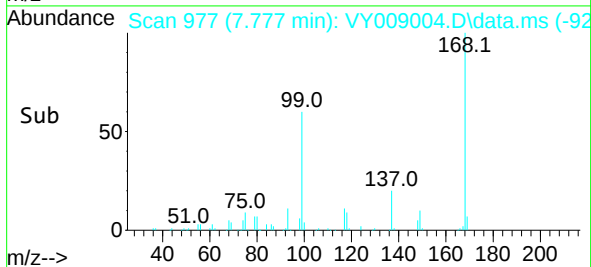
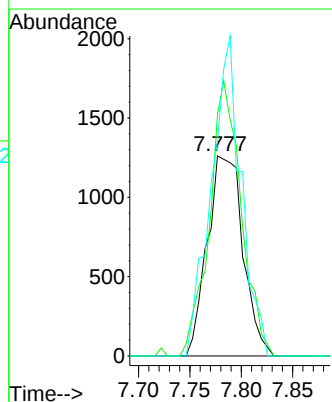
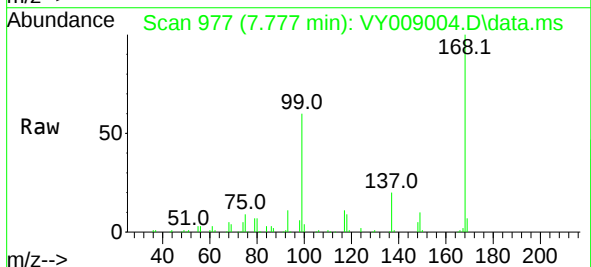
Instrument :
MSVOA_Y
ClientSampleId :
P017-SS001-1218-01

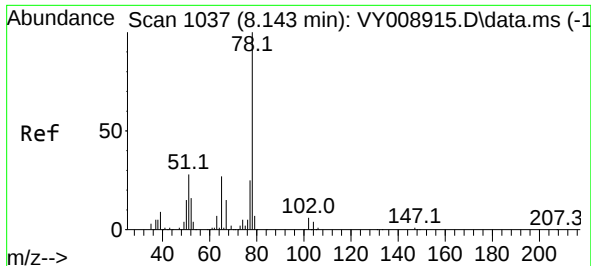
Tgt Ion: 43 Resp: 1329
Ion Ratio Lower Upper
43 100
72 0.0 17.7 26.5#



#31
Cyclohexane
Concen: 1.276 ug/l
RT: 7.777 min Scan# 977
Delta R.T. -0.006 min
Lab File: VY009004.D
Acq: 23 May 2022 14:21

Tgt Ion: 56 Resp: 3039
Ion Ratio Lower Upper
56 100
69 120.6 26.7 40.1#
84 107.5 67.2 100.8#





#33

1,2-Dichloroethane-d4

Concen: 64.354 ug/l

RT: 8.137 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY009004.D

Acq: 23 May 2022 14:21

Instrument :

MSVOA_Y

ClientSampleId :

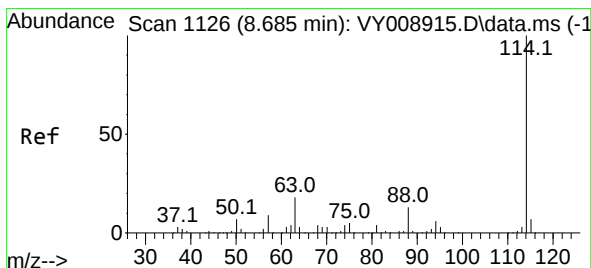
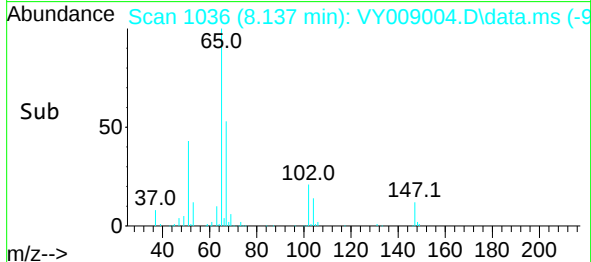
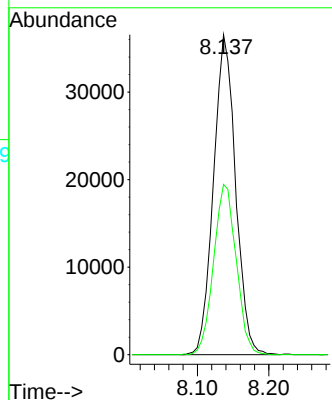
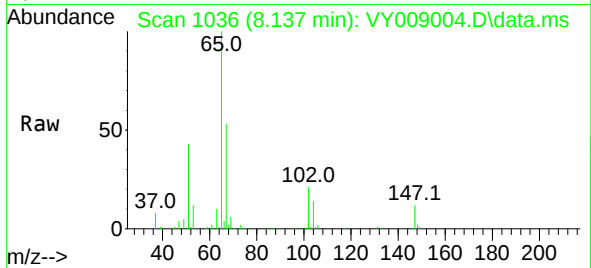
P017-SS001-1218-01

Tgt Ion: 65 Resp: 78369

Ion Ratio Lower Upper

65 100

67 54.5 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: VY009004.D

Acq: 23 May 2022 14:21

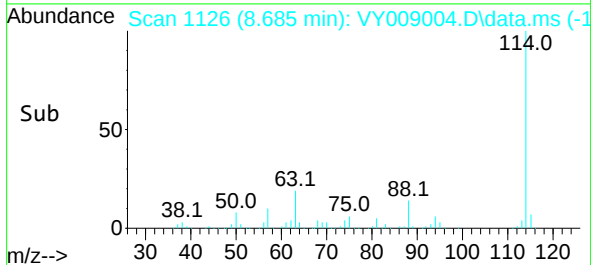
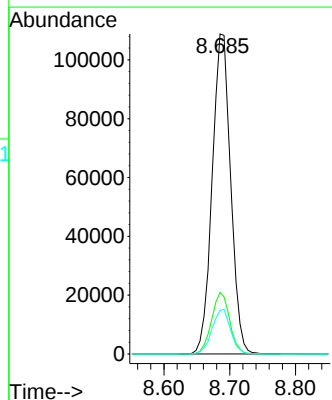
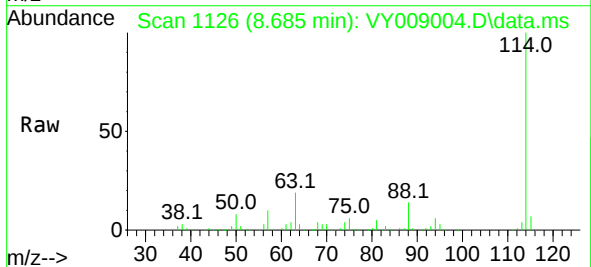
Tgt Ion: 114 Resp: 212702

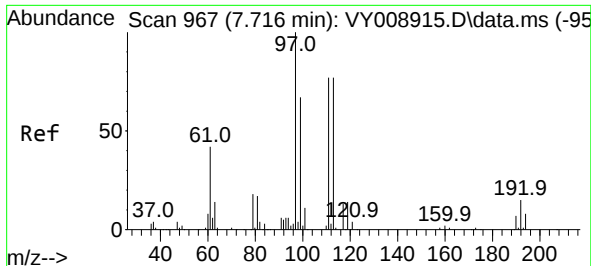
Ion Ratio Lower Upper

114 100

63 19.2 0.0 43.2

88 13.6 0.0 31.8

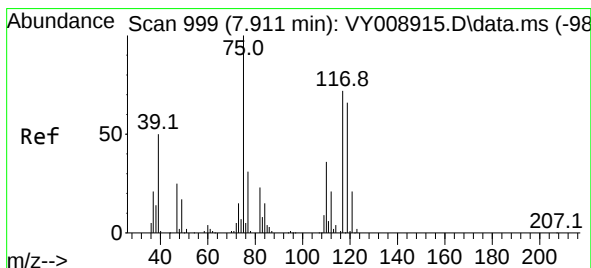
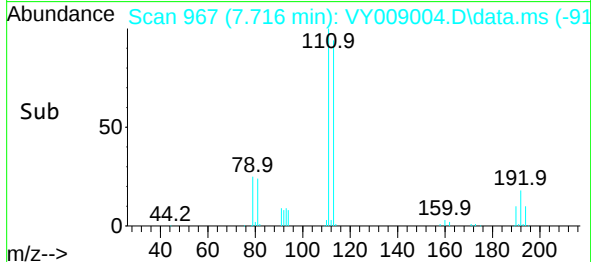
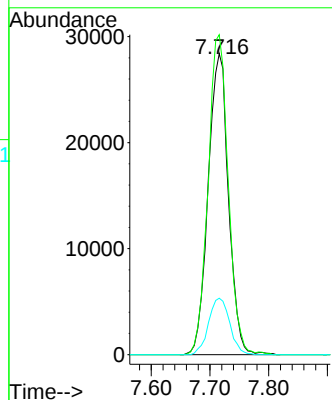
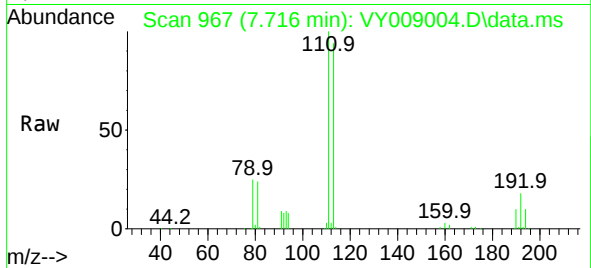




#35
Dibromofluoromethane
Concen: 51.543 ug/l
RT: 7.716 min Scan# 911
Delta R.T. -0.000 min
Lab File: VY009004.D
Acq: 23 May 2022 14:21

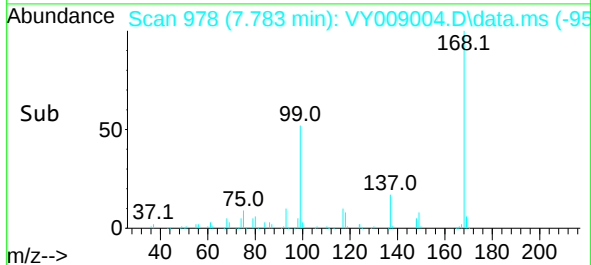
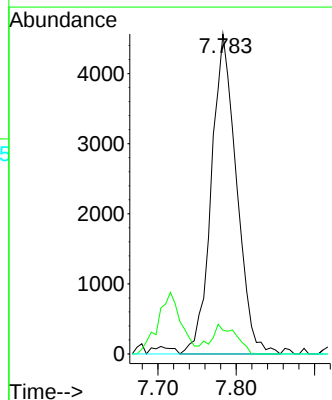
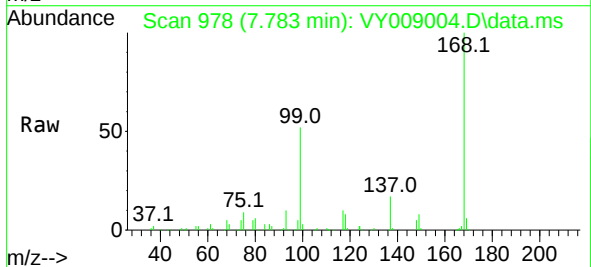
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ClientSampleId :
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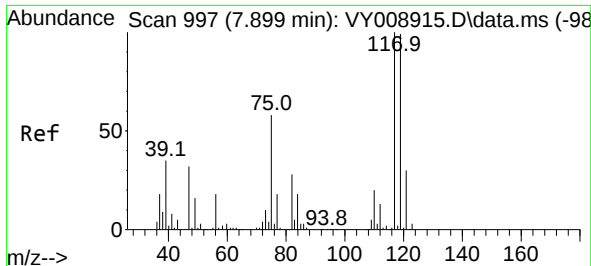
Tgt Ion:113 Resp: 68174
Ion Ratio Lower Upper
113 100
111 105.6 82.6 124.0
192 19.5 17.6 26.4



#36
1,1-Dichloropropene
Concen: 4.521 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.128 min
Lab File: VY009004.D
Acq: 23 May 2022 14:21

Tgt Ion: 75 Resp: 10177
Ion Ratio Lower Upper
75 100
110 9.0 17.1 51.2#
77 0.0 24.4 36.6#

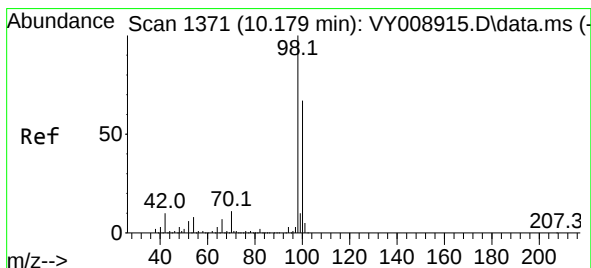
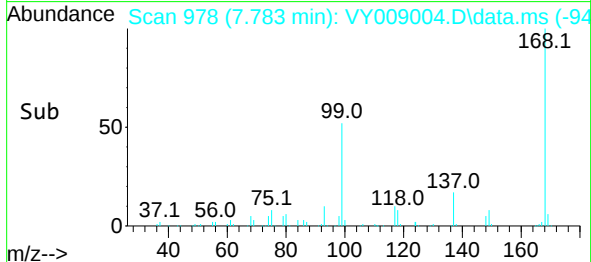
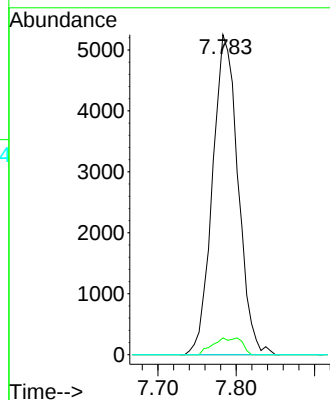
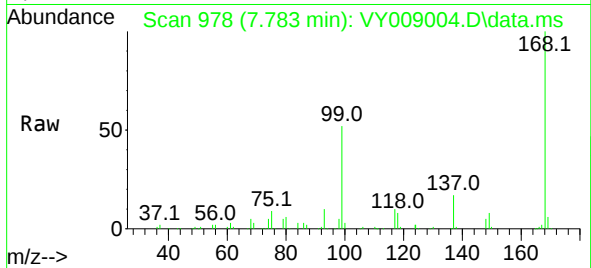




#38
Carbon Tetrachloride
Concen: 5.053 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY009004.D
Acq: 23 May 2022 14:21

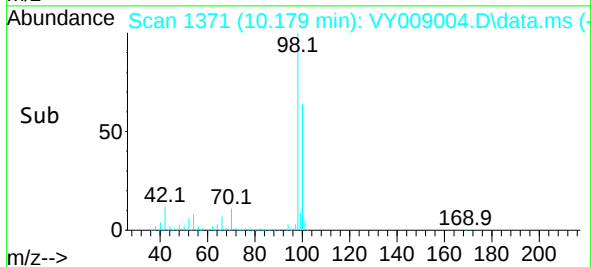
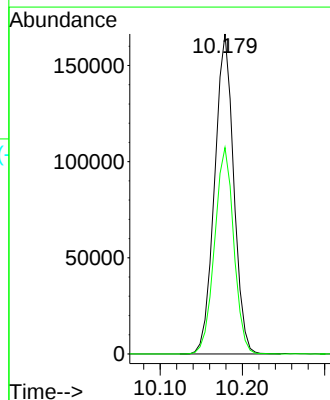
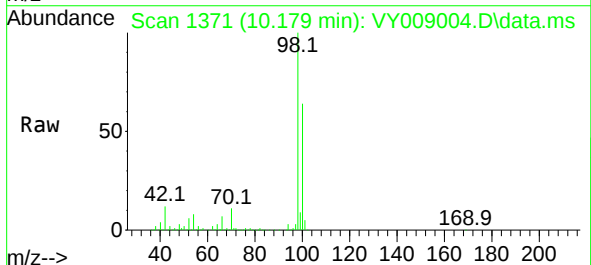
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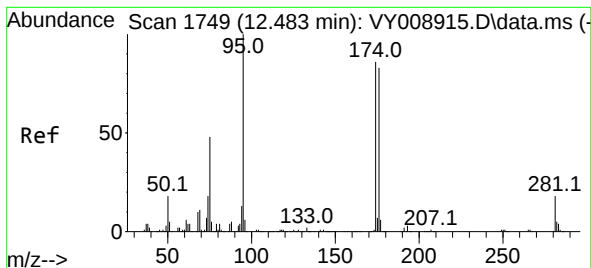
Tgt Ion:117 Resp: 11898
Ion Ratio Lower Upper
117 100
119 5.2 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 54.995 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY009004.D
Acq: 23 May 2022 14:21

Tgt Ion: 98 Resp: 268349
Ion Ratio Lower Upper
98 100
100 64.8 50.2 75.2

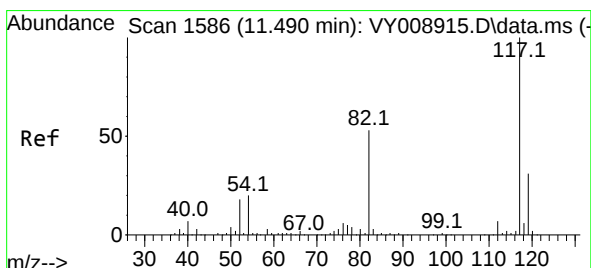
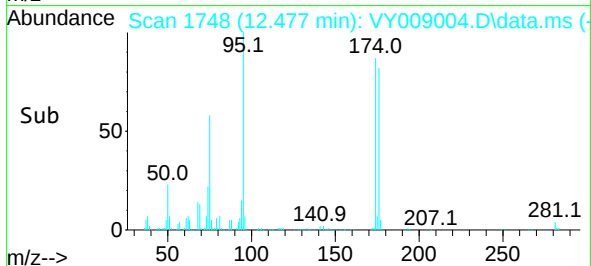
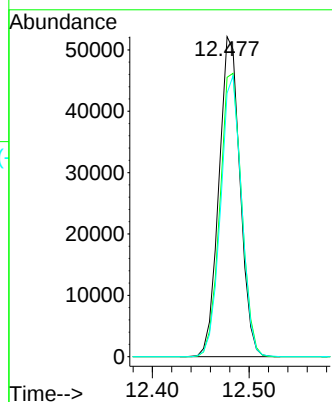
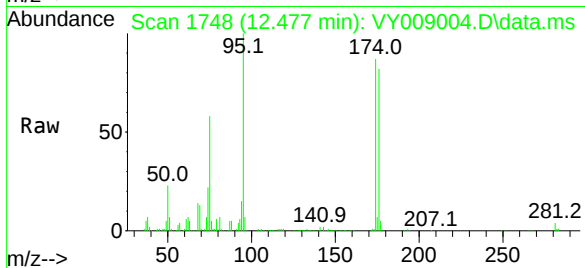




#62
4-Bromofluorobenzene
Concen: 40.036 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY009004.D
Acq: 23 May 2022 14:21

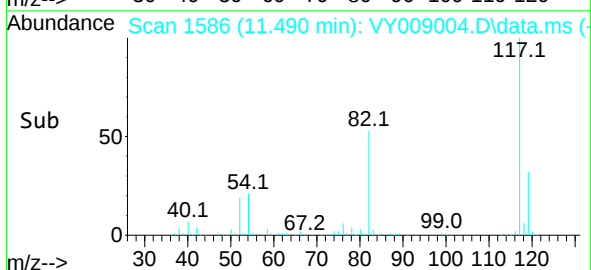
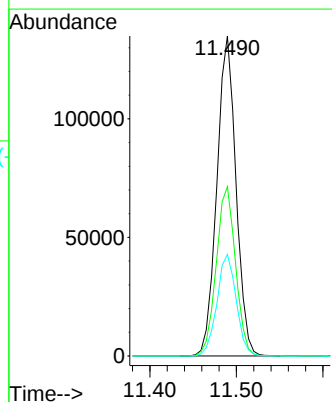
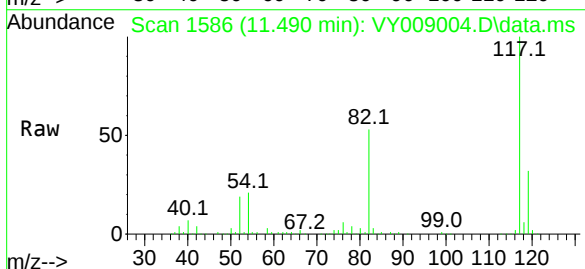
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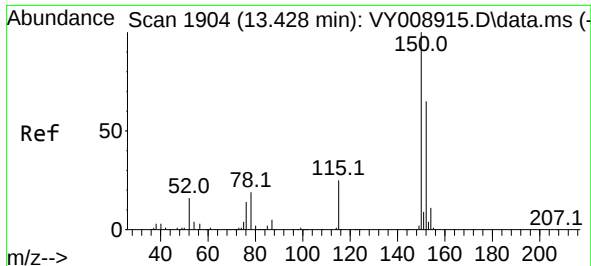
Tgt Ion: 95 Resp: 78805
Ion Ratio Lower Upper
95 100
174 90.7 0.0 177.0
176 87.0 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY009004.D
Acq: 23 May 2022 14:21

Tgt Ion: 117 Resp: 206900
Ion Ratio Lower Upper
117 100
82 52.9 43.0 64.4
119 31.7 25.4 38.0

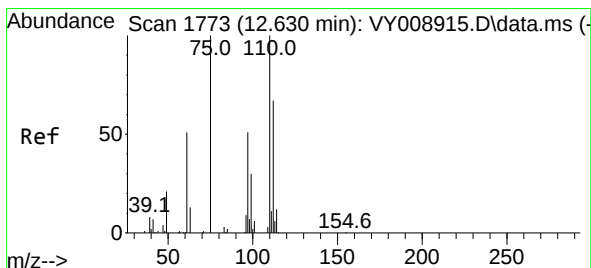
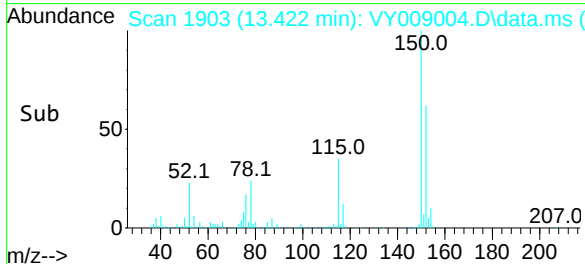
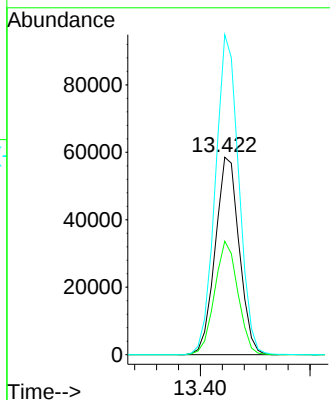
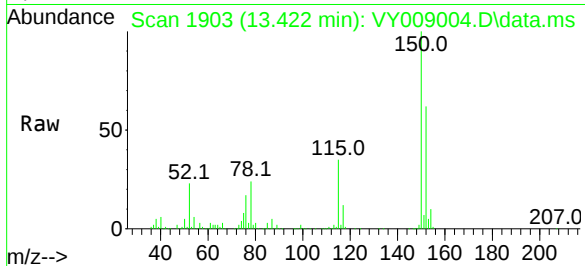




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: VY009004.D
 Acq: 23 May 2022 14:21

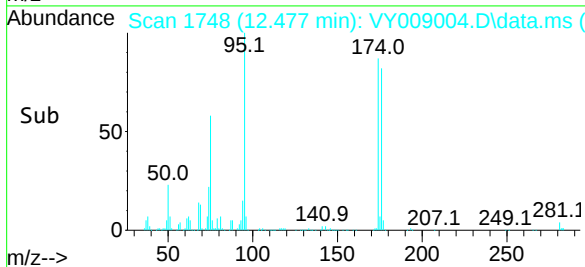
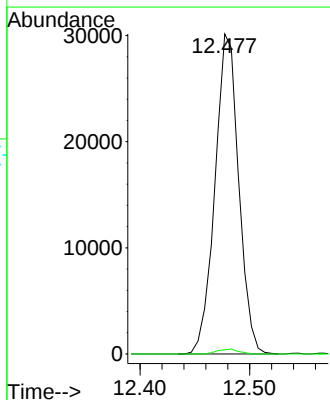
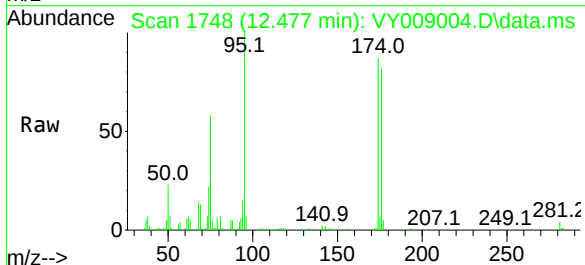
Instrument :
 MSVOA_Y
 ClientSampleId :
 P017-SS001-1218-01

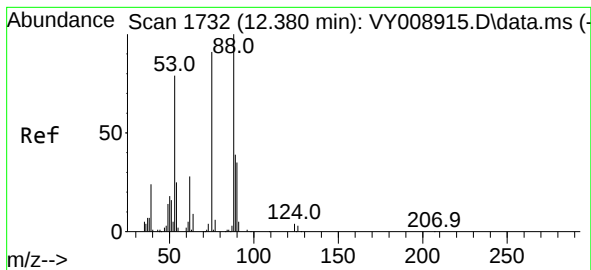
Tgt Ion:152 Resp: 88881
 Ion Ratio Lower Upper
 152 100
 115 55.9 28.2 84.7
 150 158.4 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 47.585 ug/l
 RT: 12.477 min Scan# 1748
 Delta R.T. -0.153 min
 Lab File: VY009004.D
 Acq: 23 May 2022 14:21

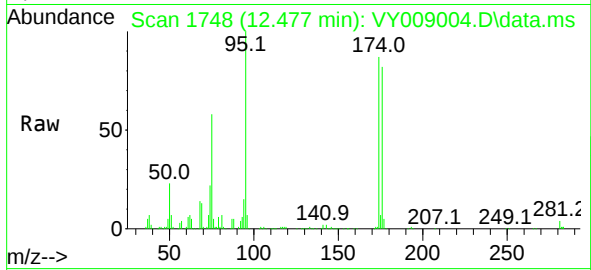
Tgt Ion: 75 Resp: 45419
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 97.669 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.097 min
 Lab File: VY009004.D
 Acq: 23 May 2022 14:21

Instrument :
 MSVOA_Y
 ClientSampleId :
 P017-SS001-1218-01



Tgt Ion: 75 Resp: 45419
 Ion Ratio Lower Upper
 75 100
 53 0.0 85.3 127.9#
 89 0.1 37.0 55.4#

