

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052322\
 Data File : VY009030.D
 Acq On : 24 May 2022 01:14
 Operator : KP/MD
 Sample : N2948-10
 Misc : 5.85g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 P035-SS001-1824-01

Quant Time: May 24 01:54:07 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)

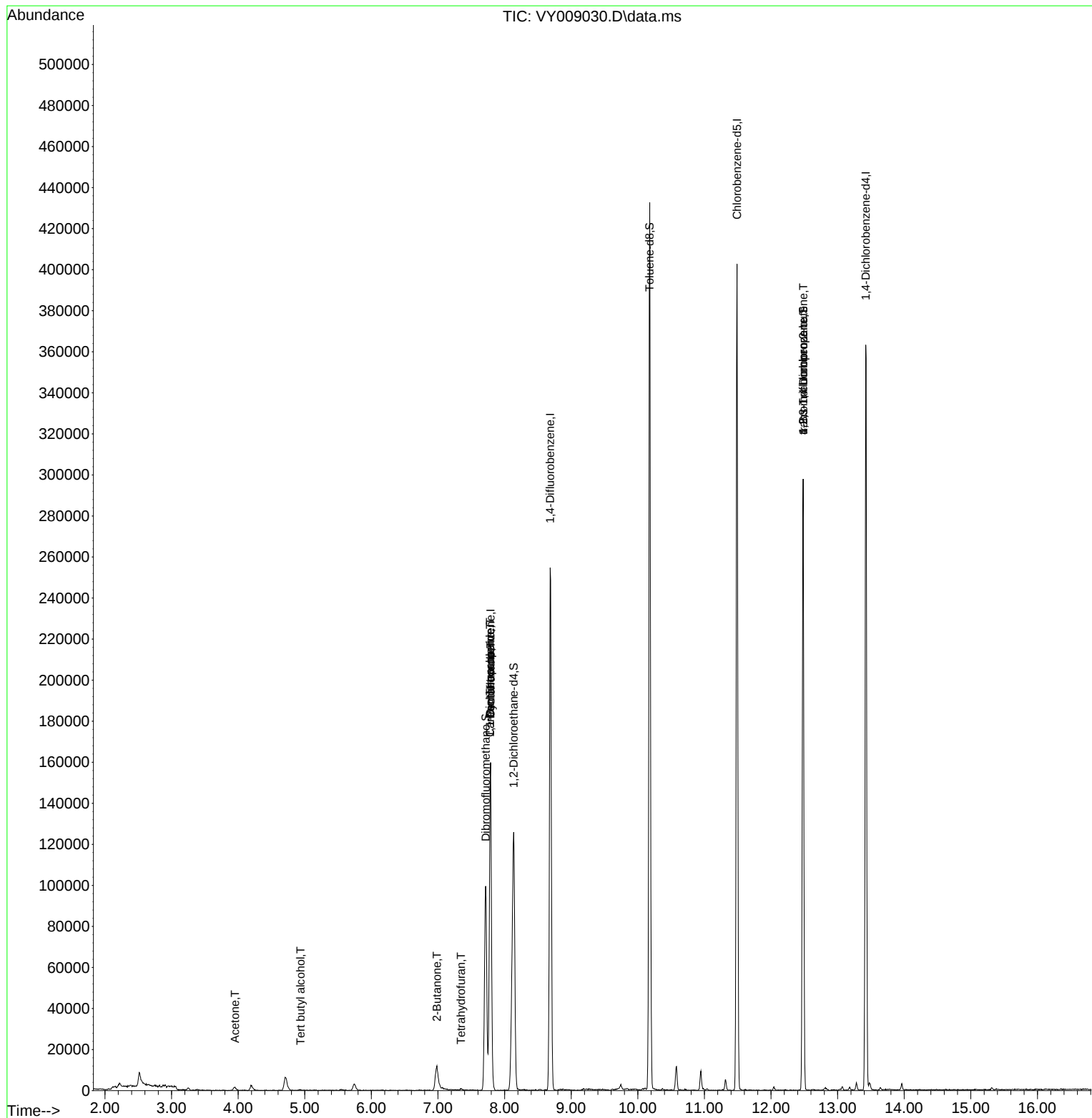
Internal Standards						
1) Pentafluorobenzene	7.789	168	117562	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	213694	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	201550	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	89842	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	75906	62.736	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 125.480%			
35) Dibromofluoromethane	7.716	113	68171	51.301	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 102.600%			
50) Toluene-d8	10.179	98	266099	54.281	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 108.560%			
62) 4-Bromofluorobenzene	12.483	95	76634	38.752	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 77.500%			
Target Compounds			Qvalue			
11) Tert butyl alcohol	4.936	59	341	2.779	ug/l #	77
16) Acetone	3.954	43	2873	11.407	ug/l #	85
20) Methylene Chloride	4.704	84	4796	Below Cal	#	70
25) 2-Butanone	6.984	43	865	1.923	ug/l #	89
29) Tetrahydrofuran	7.344	42	398	1.302	ug/l #	71
31) Cyclohexane	7.789	56	3222	1.361	ug/l #	30
36) 1,1-Dichloropropene	7.783	75	10278	4.545	ug/l #	51
38) Carbon Tetrachloride	7.783	117	11837	5.004	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	45359	47.014	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	45359	96.497	ug/l #	7

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

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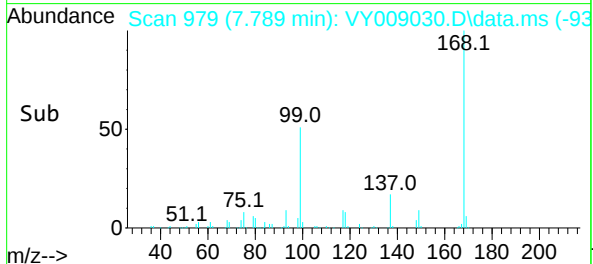
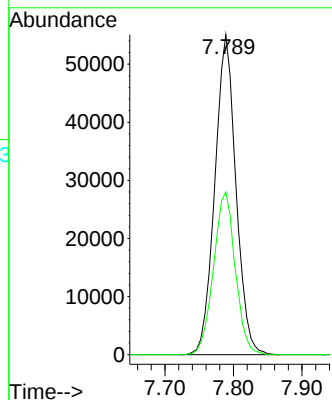
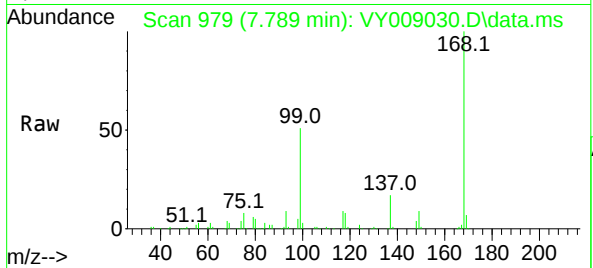




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009030.D
Acq: 24 May 2022 01:14

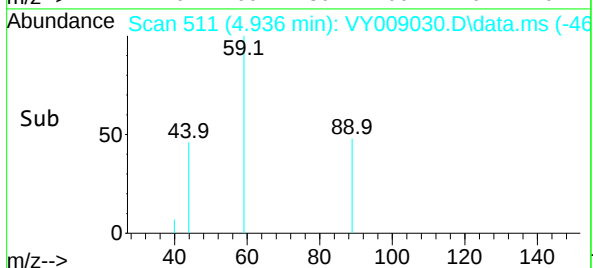
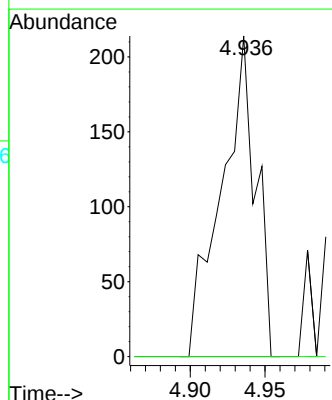
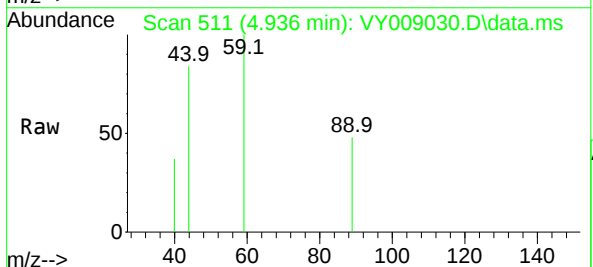
Instrument :
MSVOA_Y
ClientSampleId :
P035-SS001-1824-01

Tgt Ion:168 Resp: 117562
Ion Ratio Lower Upper
168 100
99 50.9 46.9 70.3



#11
Tert butyl alcohol
Concen: 2.779 ug/l
RT: 4.936 min Scan# 511
Delta R.T. -0.012 min
Lab File: VY009030.D
Acq: 24 May 2022 01:14

Tgt Ion: 59 Resp: 341
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#

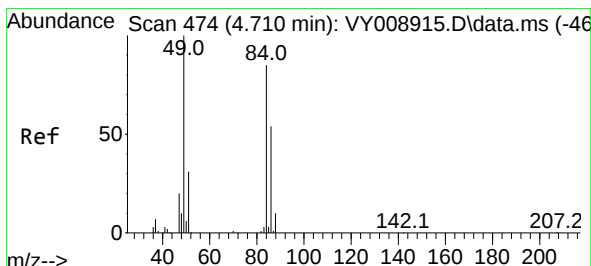
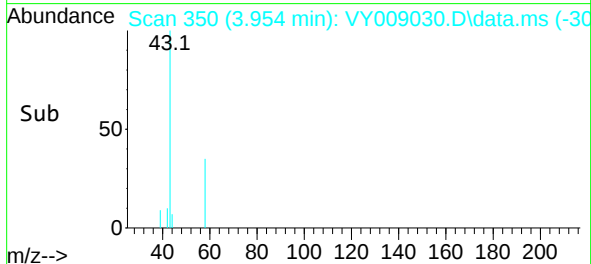
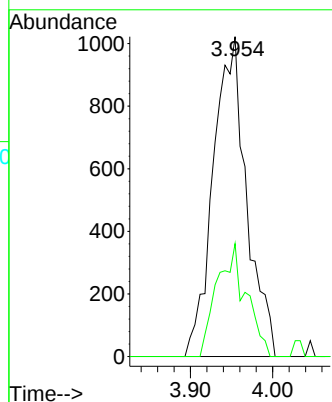
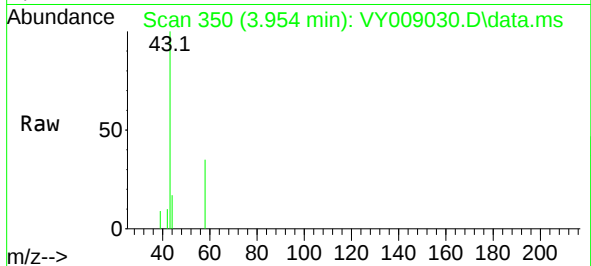




#16
Acetone
Concen: 11.407 ug/l
RT: 3.954 min Scan# 311
Delta R.T. 0.006 min
Lab File: VY009030.D
Acq: 24 May 2022 01:14

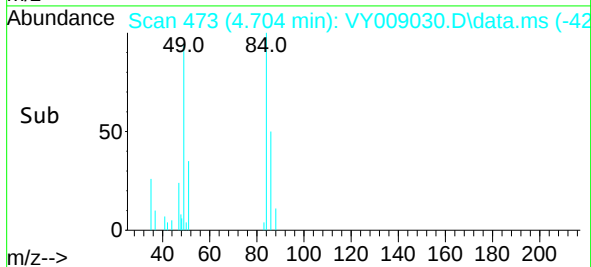
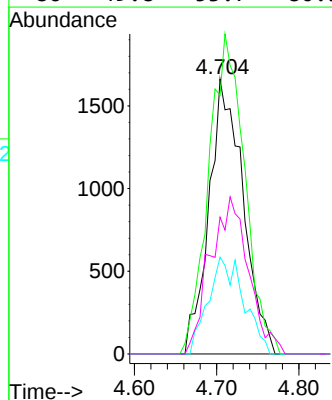
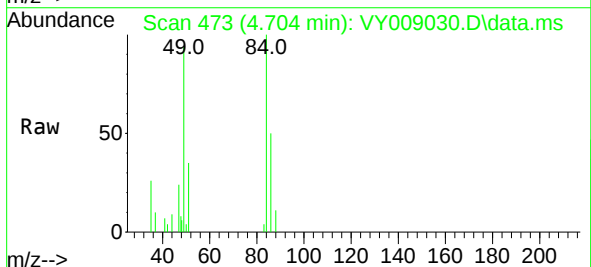
Instrument :
MSVOA_Y
ClientSampleId :
P035-SS001-1824-01

Tgt Ion: 43 Resp: 2873
Ion Ratio Lower Upper
43 100
58 35.3 22.0 33.0#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.704 min Scan# 473
Delta R.T. -0.006 min
Lab File: VY009030.D
Acq: 24 May 2022 01:14

Tgt Ion: 84 Resp: 4796
Ion Ratio Lower Upper
84 100
49 94.1 114.4 171.6#
51 35.2 35.3 52.9#
86 49.8 53.7 80.5#





#25

2-Butanone

Concen: 1.923 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY009030.D

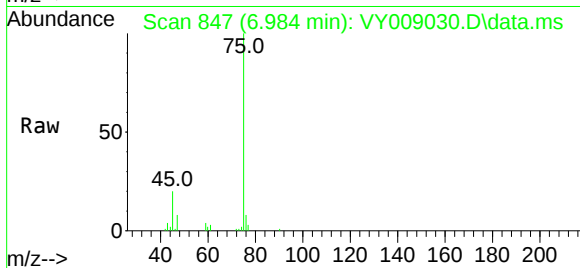
Acq: 24 May 2022 01:14

Instrument :

MSVOA_Y

ClientSampleId :

P035-SS001-1824-01

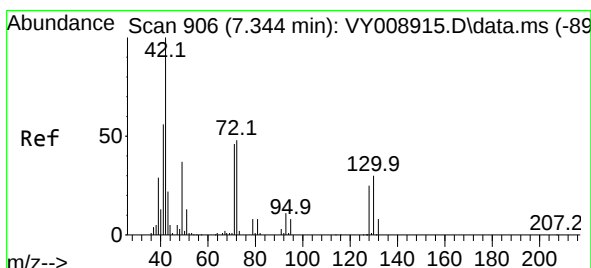
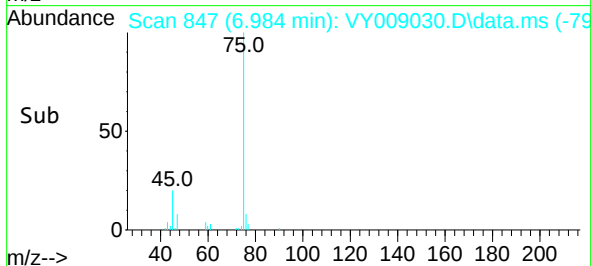
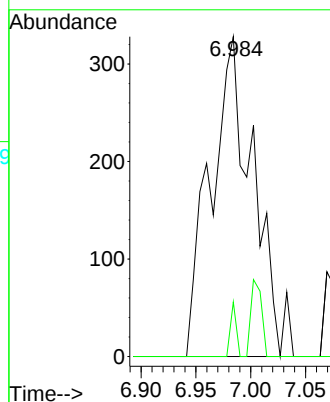


Tgt Ion: 43 Resp: 865

Ion Ratio Lower Upper

43 100

72 17.1 17.7 26.5#



#29

Tetrahydrofuran

Concen: 1.302 ug/l

RT: 7.344 min Scan# 906

Delta R.T. -0.000 min

Lab File: VY009030.D

Acq: 24 May 2022 01:14

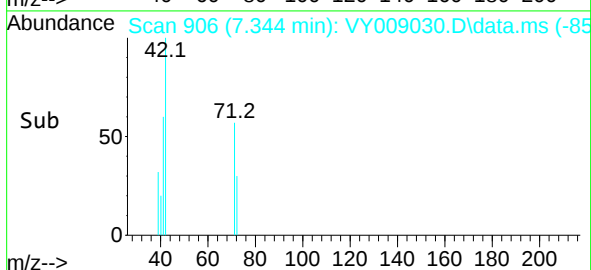
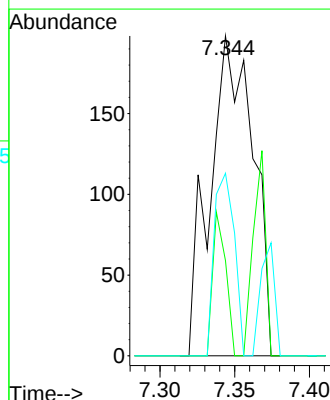
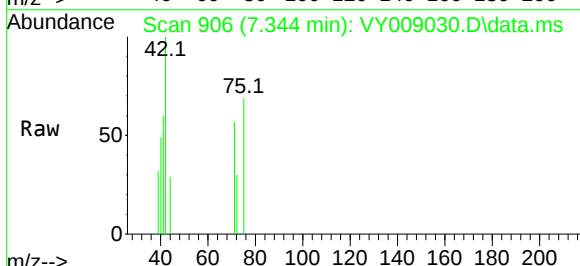
Tgt Ion: 42 Resp: 398

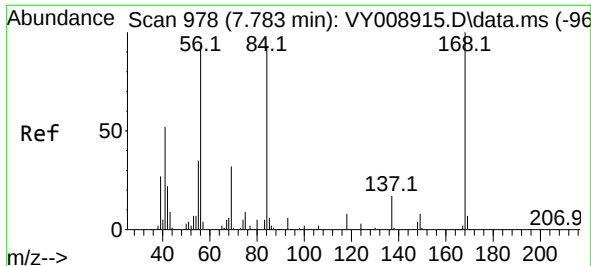
Ion Ratio Lower Upper

42 100

72 13.6 30.3 45.5#

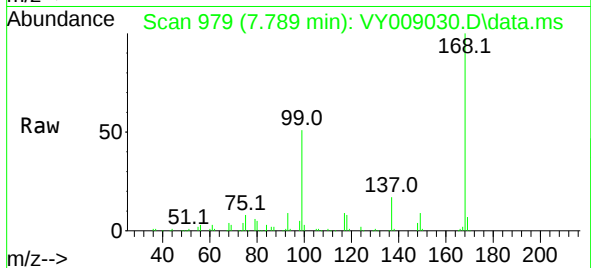
71 26.6 29.0 43.4#



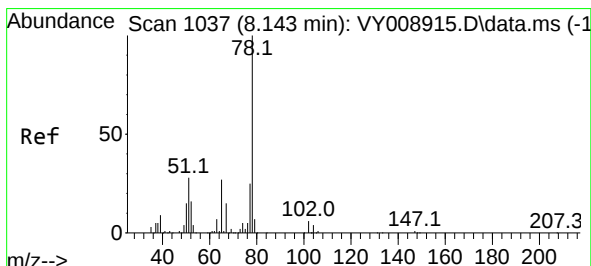
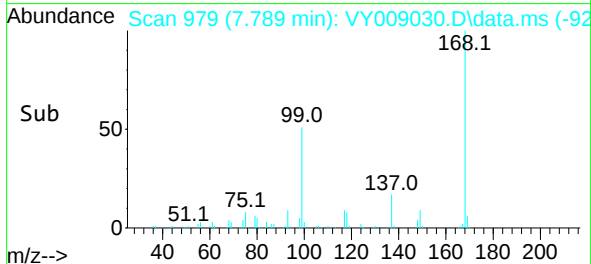
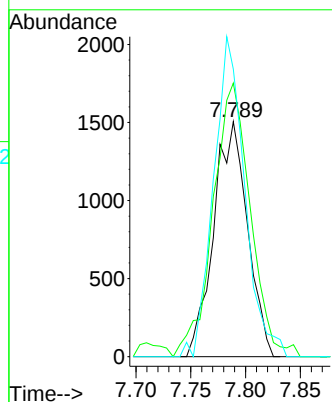


#31
Cyclohexane
Concen: 1.361 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY009030.D
Acq: 24 May 2022 01:14

Instrument :
MSVOA_Y
ClientSampleId :
P035-SS001-1824-01

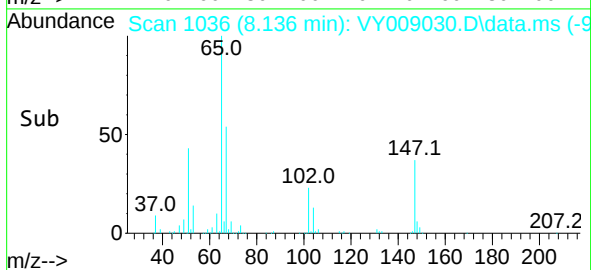
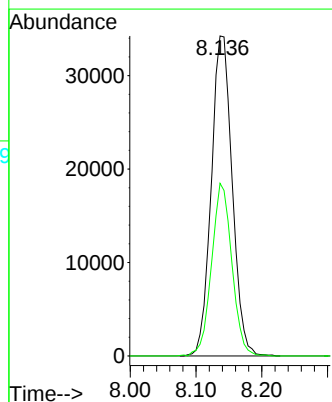
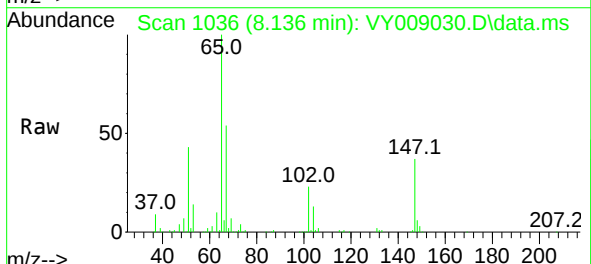


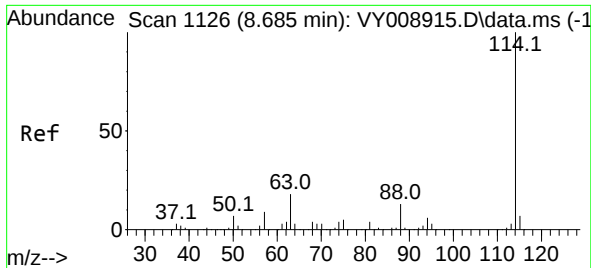
Tgt Ion: 56 Resp: 3222
Ion Ratio Lower Upper
56 100
69 112.2 26.7 40.1#
84 122.3 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 62.736 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.007 min
Lab File: VY009030.D
Acq: 24 May 2022 01:14

Tgt Ion: 65 Resp: 75906
Ion Ratio Lower Upper
65 100
67 52.4 0.0 99.4

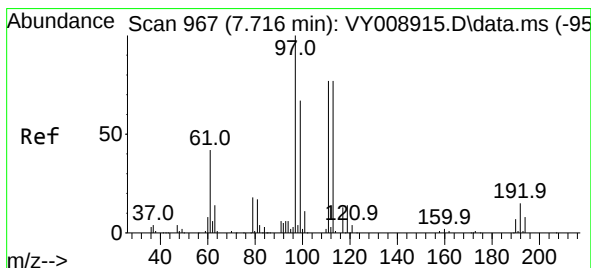
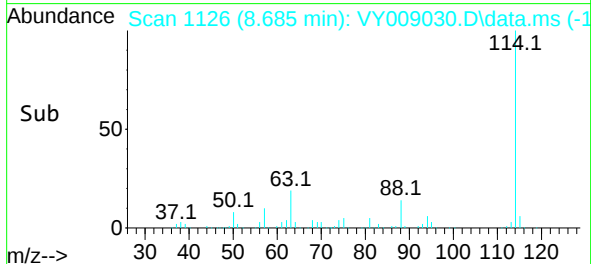
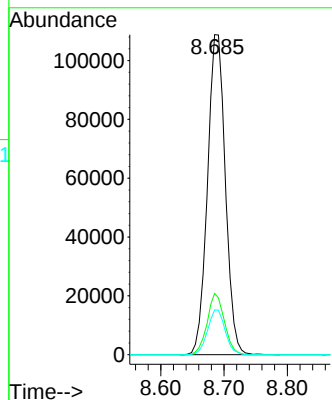
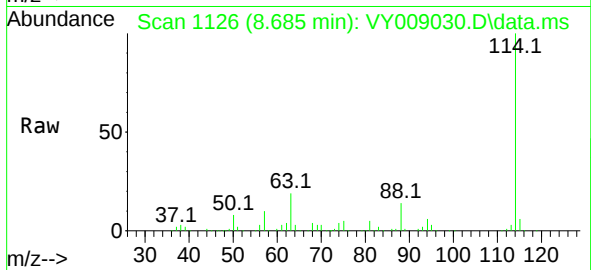




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY009030.D
Acq: 24 May 2022 01:14

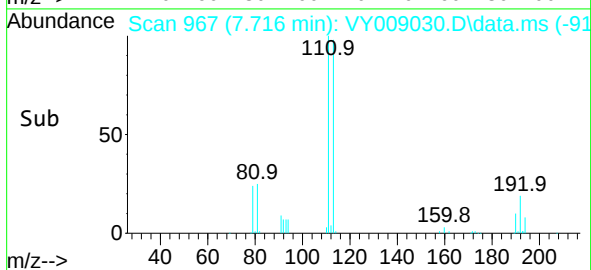
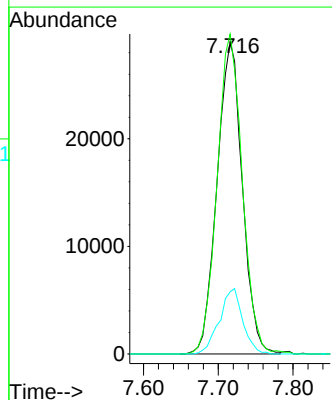
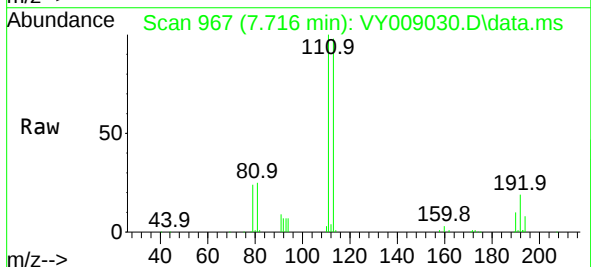
Instrument :
MSVOA_Y
ClientSampleId :
P035-SS001-1824-01

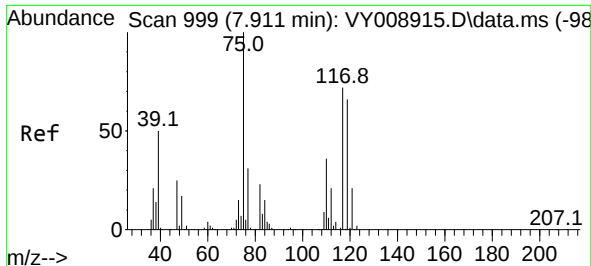
Tgt Ion:114 Resp: 213694
Ion Ratio Lower Upper
114 100
63 19.2 0.0 43.2
88 14.0 0.0 31.8



#35
Dibromofluoromethane
Concen: 51.301 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY009030.D
Acq: 24 May 2022 01:14

Tgt Ion:113 Resp: 68171
Ion Ratio Lower Upper
113 100
111 102.5 82.6 124.0
192 19.4 17.6 26.4





#36

1,1-Dichloropropene

Concen: 4.545 ug/l

RT: 7.783 min Scan# 91

Delta R.T. -0.128 min

Lab File: VY009030.D

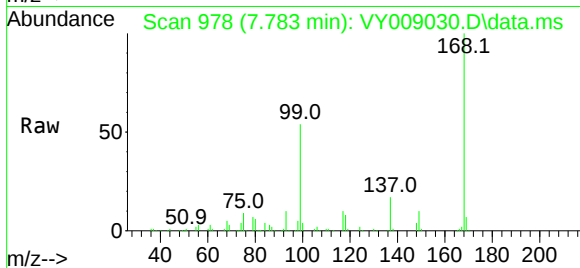
Acq: 24 May 2022 01:14

Instrument :

MSVOA_Y

ClientSampleId :

P035-SS001-1824-01



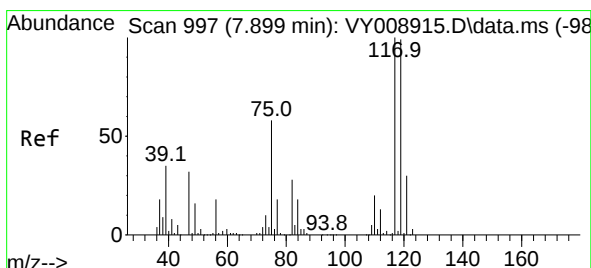
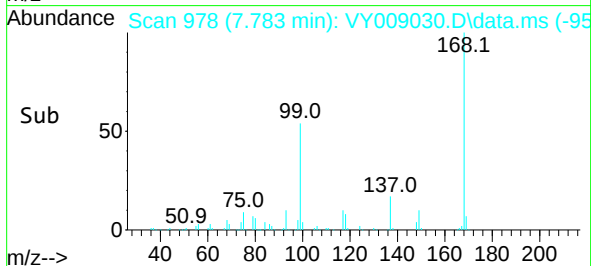
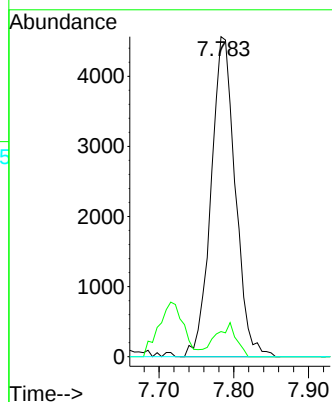
Tgt Ion: 75 Resp: 10278

Ion Ratio Lower Upper

75 100

110 9.2 17.1 51.2#

77 0.0 24.4 36.6#



#38

Carbon Tetrachloride

Concen: 5.004 ug/l

RT: 7.783 min Scan# 978

Delta R.T. -0.116 min

Lab File: VY009030.D

Acq: 24 May 2022 01:14

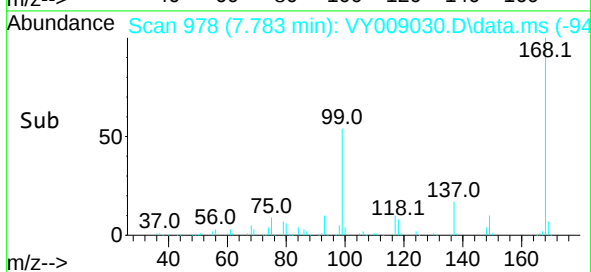
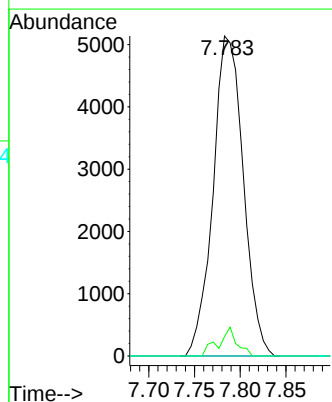
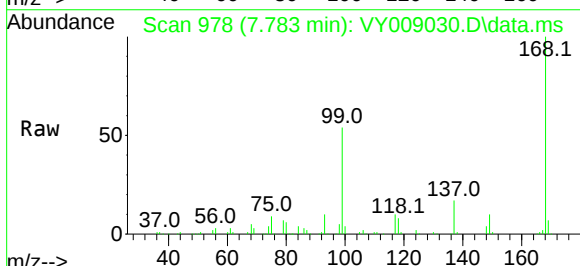
Tgt Ion: 117 Resp: 11837

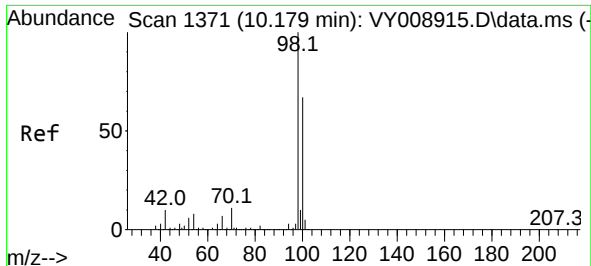
Ion Ratio Lower Upper

117 100

119 6.1 77.9 116.9#

121 0.0 24.8 37.2#

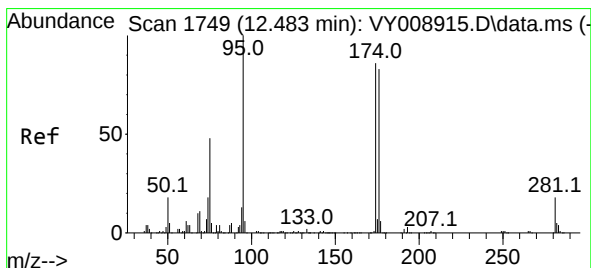
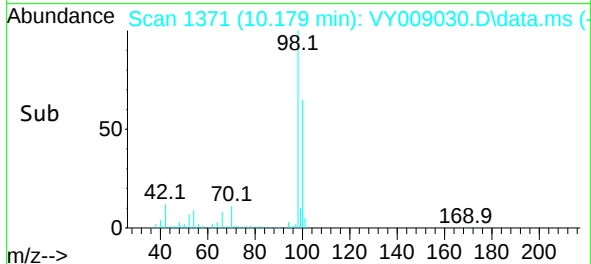
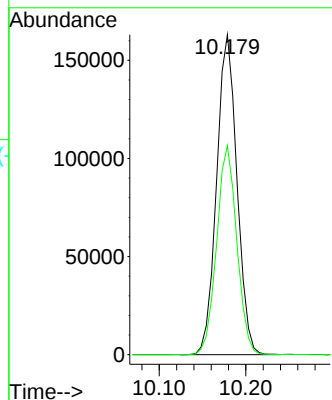
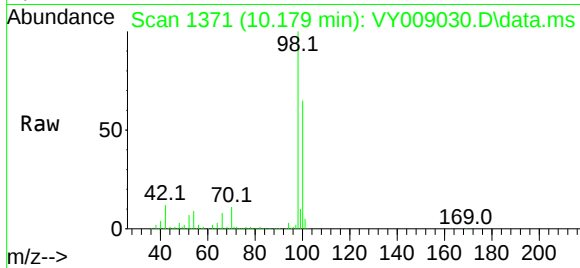




#50
Toluene-d8
Concen: 54.281 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY009030.D
Acq: 24 May 2022 01:14

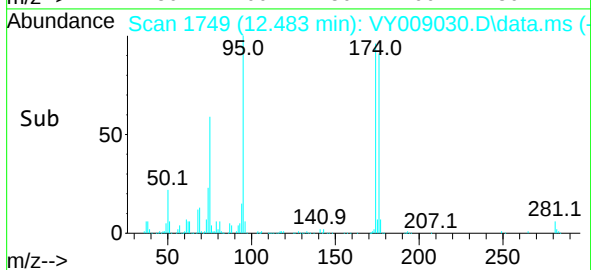
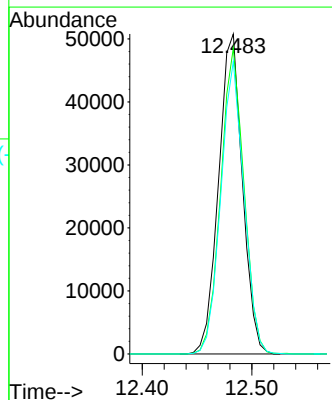
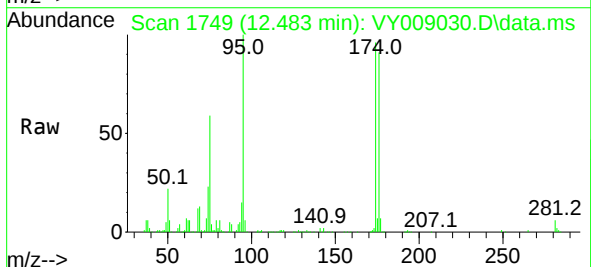
Instrument :
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P035-SS001-1824-01

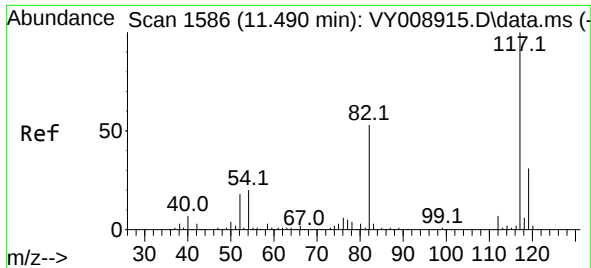
Tgt Ion: 98 Resp: 266099
Ion Ratio Lower Upper
98 100
100 64.8 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 38.752 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY009030.D
Acq: 24 May 2022 01:14

Tgt Ion: 95 Resp: 76634
Ion Ratio Lower Upper
95 100
174 93.2 0.0 177.0
176 88.9 0.0 175.8

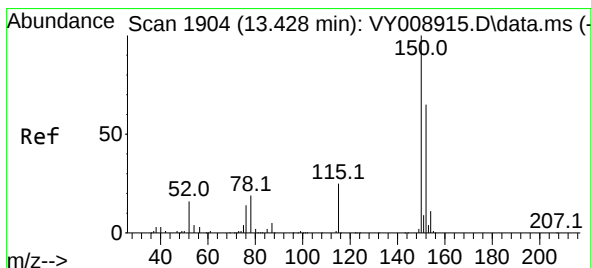
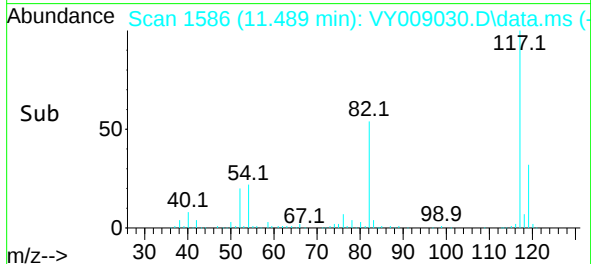
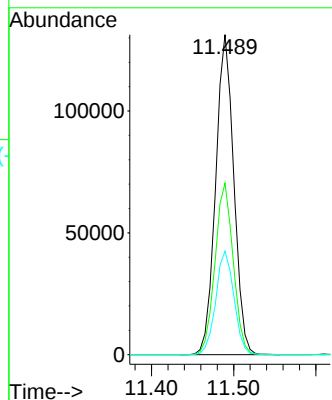
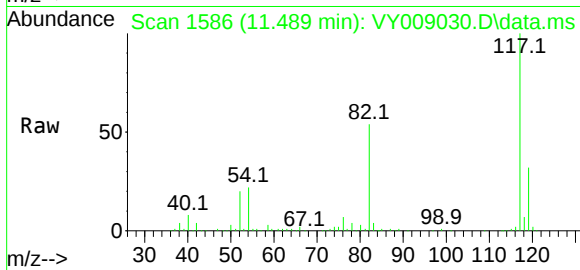




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY009030.D
Acq: 24 May 2022 01:14

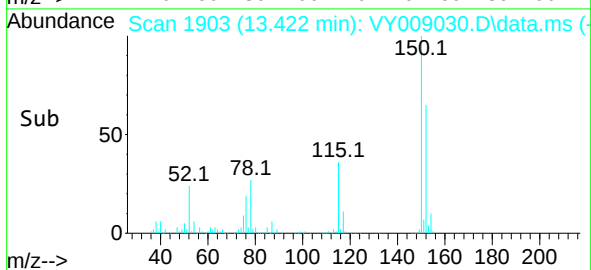
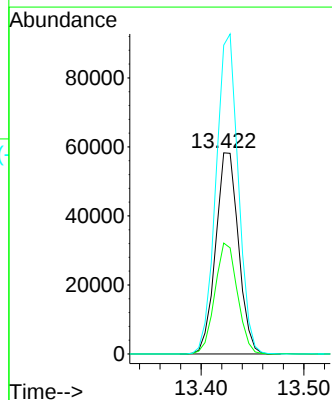
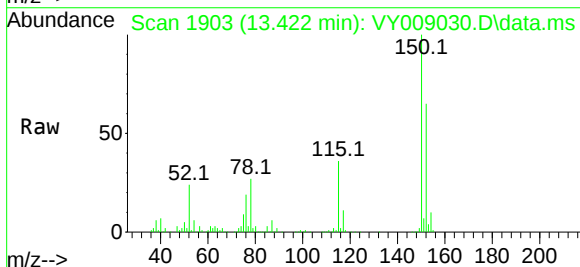
Instrument :
MSVOA_Y
ClientSampleId :
P035-SS001-1824-01

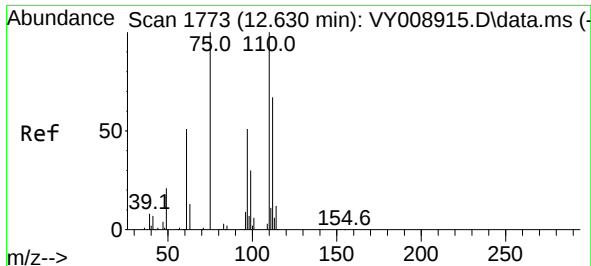
Tgt Ion:117 Resp: 201550
Ion Ratio Lower Upper
117 100
82 53.6 43.0 64.4
119 32.4 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.006 min
Lab File: VY009030.D
Acq: 24 May 2022 01:14

Tgt Ion:152 Resp: 89842
Ion Ratio Lower Upper
152 100
115 54.4 28.2 84.7
150 155.2 0.0 347.6

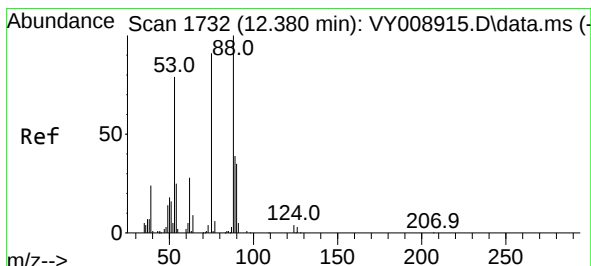
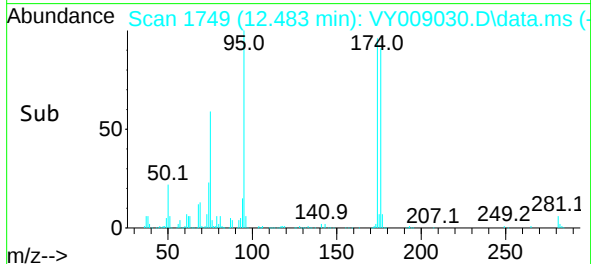
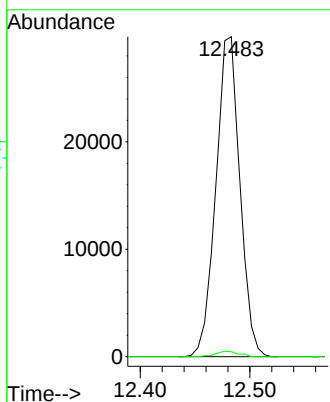
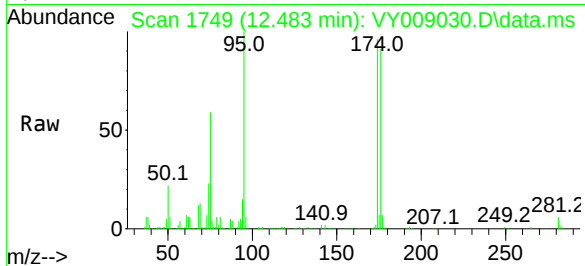




#76
1,2,3-Trichloropropane
Concen: 47.014 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.147 min
Lab File: VY009030.D
Acq: 24 May 2022 01:14

Instrument :
MSVOA_Y
ClientSampleId :
P035-SS001-1824-01

Tgt Ion: 75 Resp: 45359
Ion Ratio Lower Upper
75 100
77 1.6 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 96.497 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.103 min
Lab File: VY009030.D
Acq: 24 May 2022 01:14

Tgt Ion: 75 Resp: 45359
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.0 37.0 55.4#

