

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052122\
 Data File : VY008971.D
 Acq On : 22 May 2022 01:07
 Operator : KP/MD
 Sample : N2887-01
 Misc : 5.34g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 P030-SS001-2430-01

Quant Time: May 22 02:42:34 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	122070	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	223667	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	214441	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	93495	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	84766	67.471	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	134.940%
35) Dibromofluoromethane	7.710	113	71910	51.702	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.400%
50) Toluene-d8	10.179	98	280541	54.675	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	109.360%
62) 4-Bromofluorobenzene	12.477	95	82785	39.996	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	80.000%

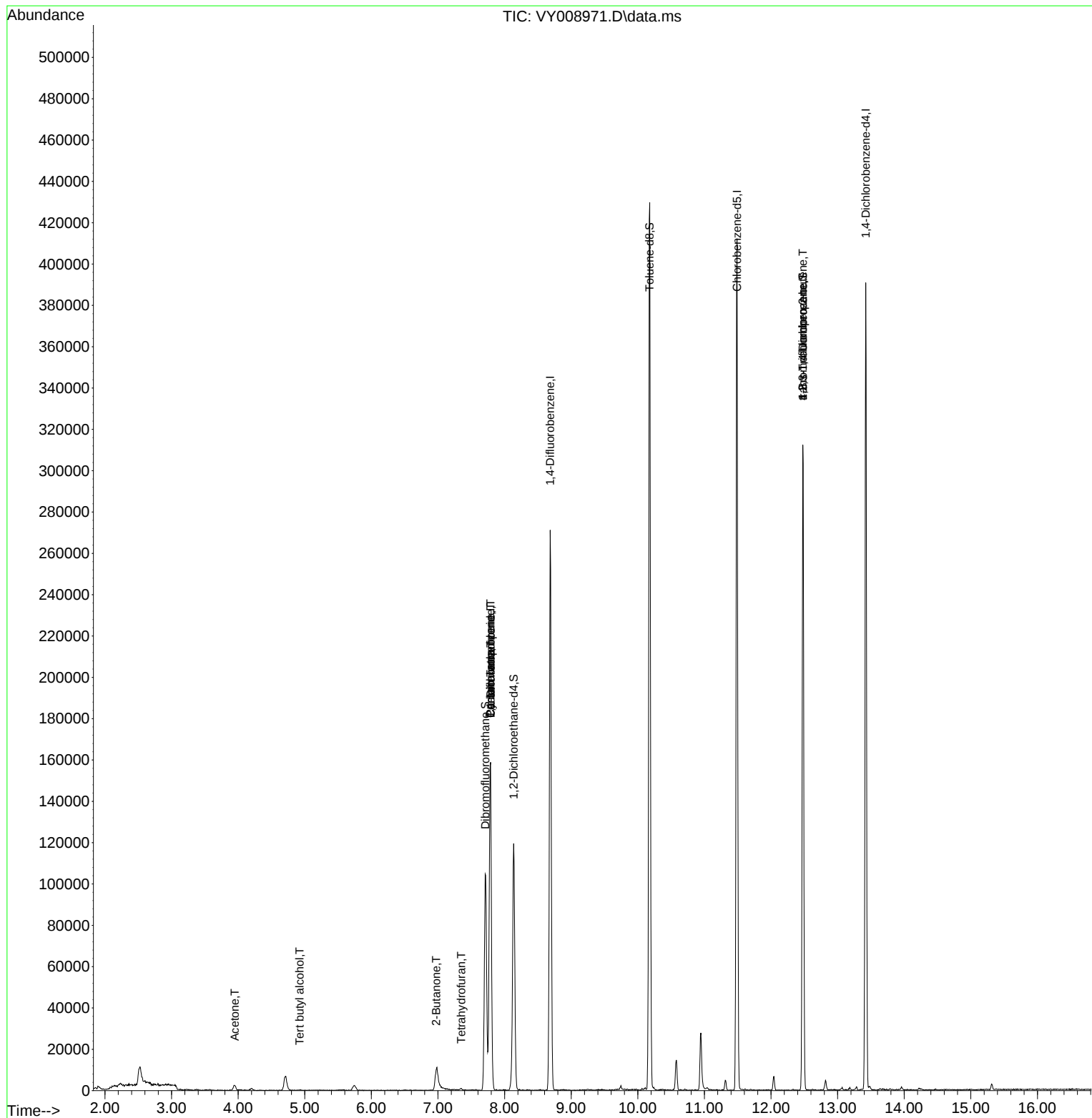
Target Compounds					Qvalue	
11) Tert butyl alcohol	4.924	59	240	1.883	ug/l #	77
16) Acetone	3.948	43	4328	16.550	ug/l	93
20) Methylene Chloride	4.704	84	4968	Below Cal	#	72
25) 2-Butanone	6.972	43	1756	3.759	ug/l #	89
29) Tetrahydrofuran	7.350	42	496	1.563	ug/l #	78
31) Cyclohexane	7.789	56	3127	1.272	ug/l #	20
36) 1,1-Dichloropropene	7.789	75	10468	4.423	ug/l #	50
38) Carbon Tetrachloride	7.789	117	12885	5.204	ug/l #	16
76) 1,2,3-Trichloropropane	12.477	75	48929	48.733	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	48929	100.024	ug/l #	7

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

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P030-SS001-2430-01

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Quant Title : SW846 8260
QLast Update : Fri May 20 23:50:52 2022
Response via : Initial Calibration

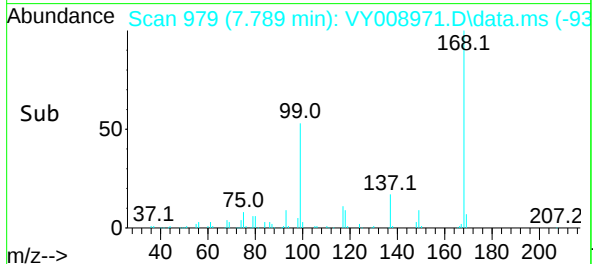
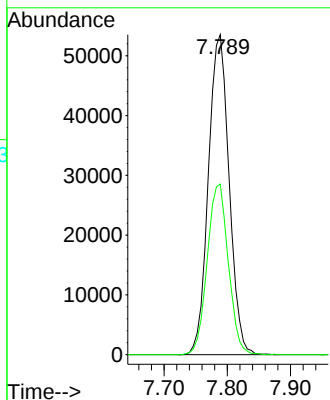
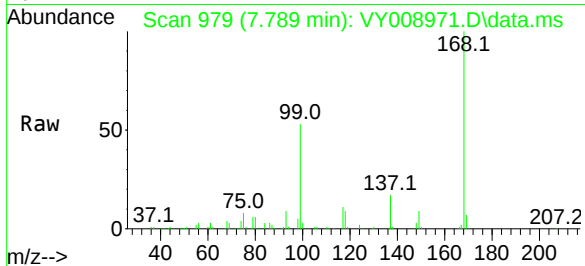




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008971.D
Acq: 22 May 2022 01:07

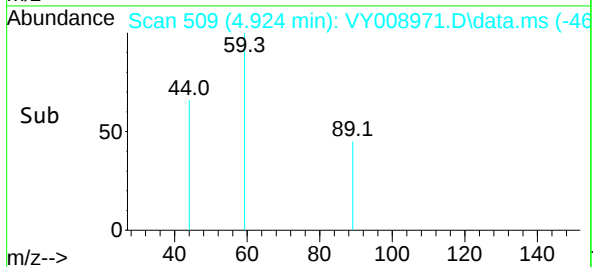
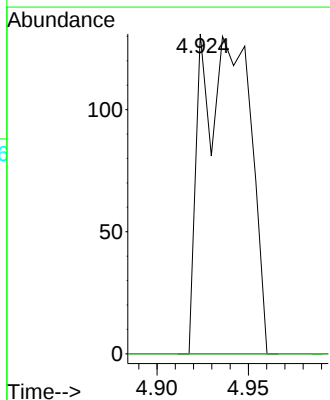
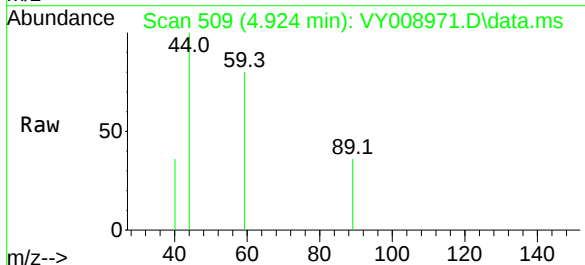
Instrument :
MSVOA_Y
ClientSampleId :
P030-SS001-2430-01

Tgt Ion:168 Resp: 122070
Ion Ratio Lower Upper
168 100
99 53.3 46.9 70.3



#11
Tert butyl alcohol
Concen: 1.883 ug/l
RT: 4.924 min Scan# 509
Delta R.T. -0.024 min
Lab File: VY008971.D
Acq: 22 May 2022 01:07

Tgt Ion: 59 Resp: 240
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#

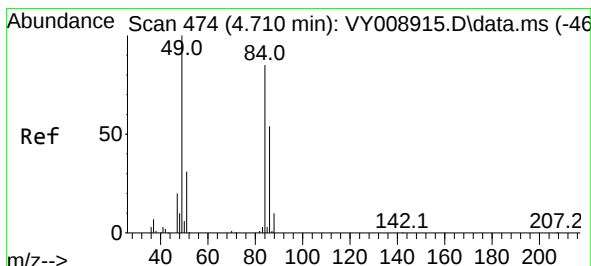
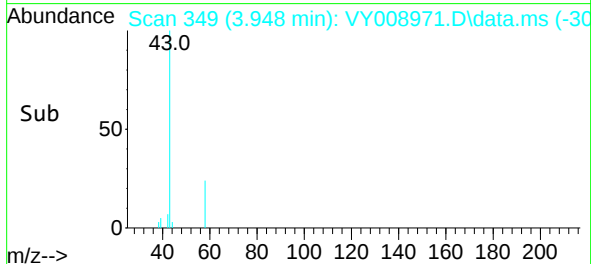
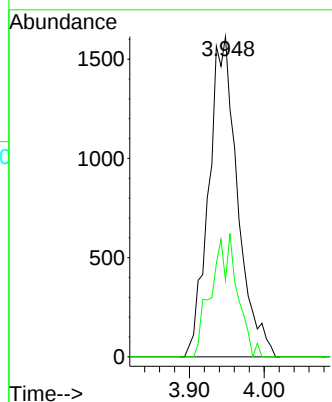
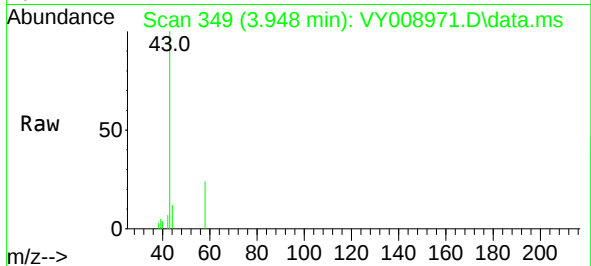




#16
Acetone
Concen: 16.550 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.000 min
Lab File: VY008971.D
Acq: 22 May 2022 01:07

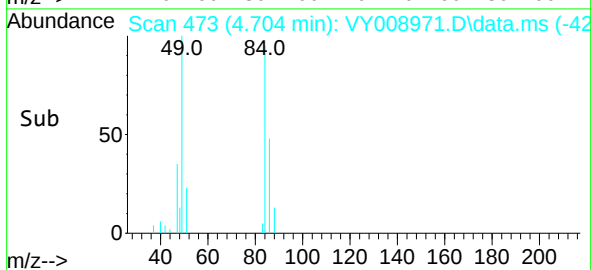
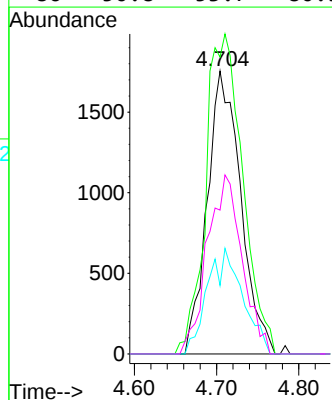
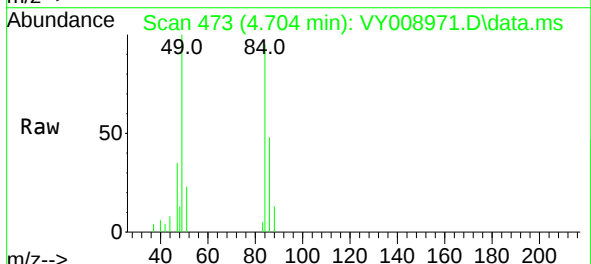
Instrument :
MSVOA_Y
ClientSampleId :
P030-SS001-2430-01

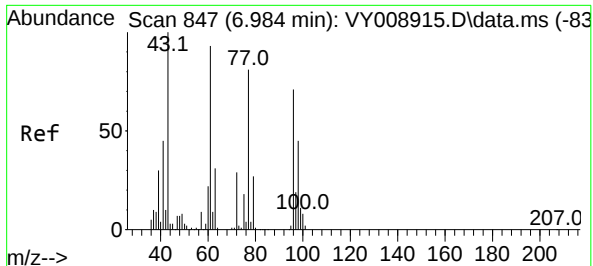
Tgt Ion: 43 Resp: 4328
Ion Ratio Lower Upper
43 100
58 23.9 22.0 33.0



#20
Methylene Chloride
Concen: Below Cal
RT: 4.704 min Scan# 473
Delta R.T. -0.006 min
Lab File: VY008971.D
Acq: 22 May 2022 01:07

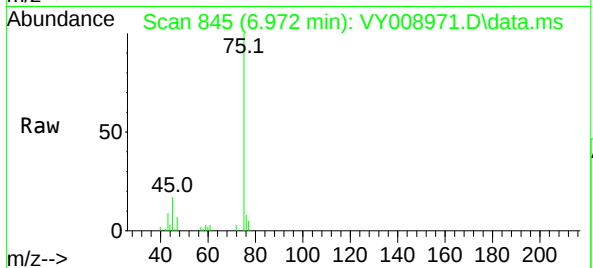
Tgt Ion: 84 Resp: 4968
Ion Ratio Lower Upper
84 100
49 105.0 114.4 171.6#
51 24.2 35.3 52.9#
86 50.8 53.7 80.5#



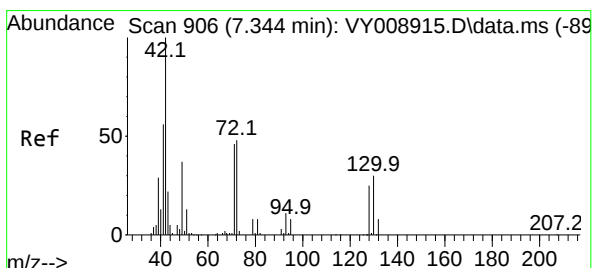
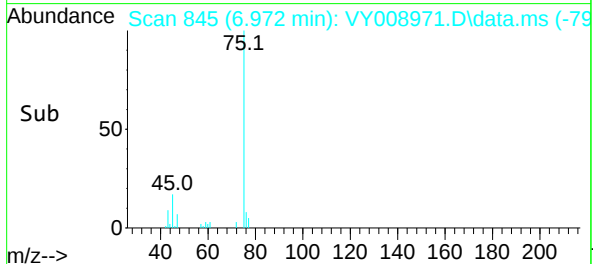
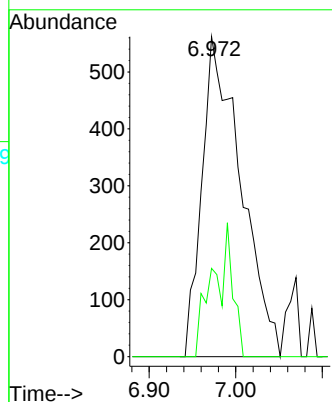


#25
2-Butanone
Concen: 3.759 ug/l
RT: 6.972 min Scan# 84
Delta R.T. -0.012 min
Lab File: VY008971.D
Acq: 22 May 2022 01:07

Instrument :
MSVOA_Y
ClientSampleId :
P030-SS001-2430-01

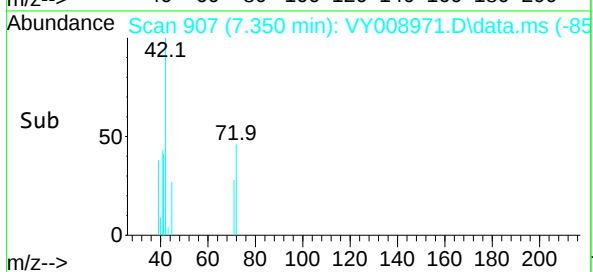
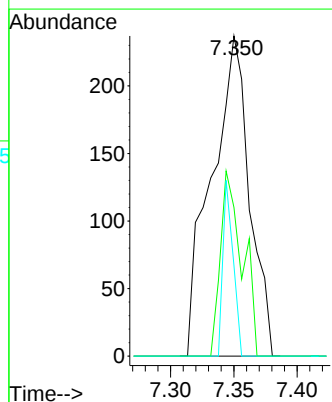
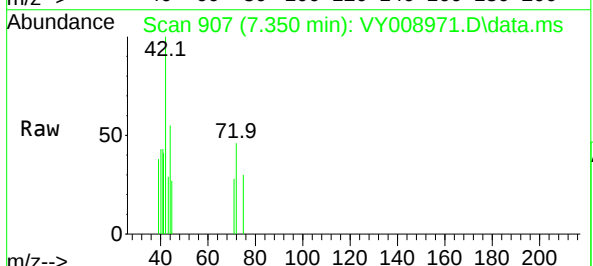


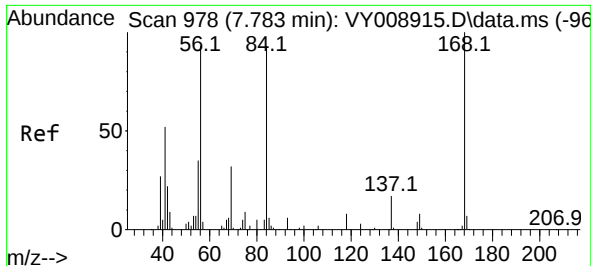
Tgt Ion: 43 Resp: 1756
Ion Ratio Lower Upper
43 100
72 27.6 17.7 26.5#



#29
Tetrahydrofuran
Concen: 1.563 ug/l
RT: 7.350 min Scan# 907
Delta R.T. 0.006 min
Lab File: VY008971.D
Acq: 22 May 2022 01:07

Tgt Ion: 42 Resp: 496
Ion Ratio Lower Upper
42 100
72 32.9 30.3 45.5
71 14.5 29.0 43.4#

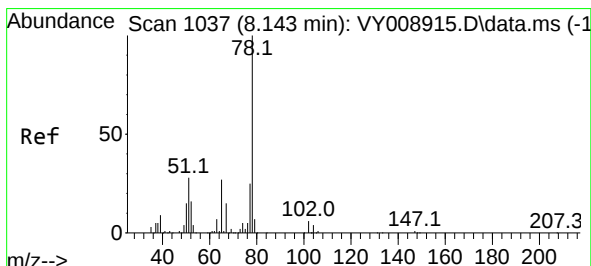
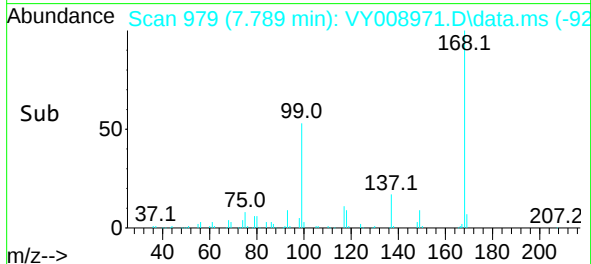
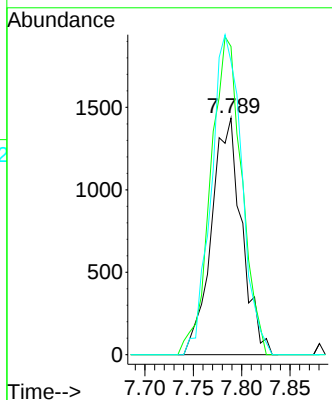
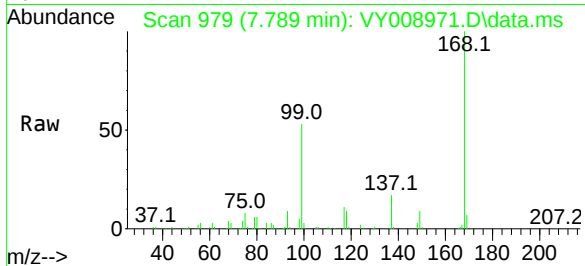




#31
Cyclohexane
Concen: 1.272 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY008971.D
Acq: 22 May 2022 01:07

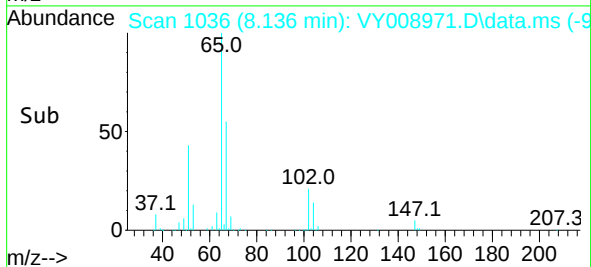
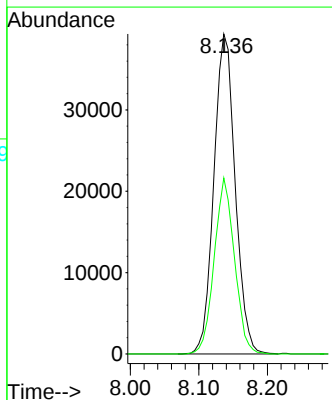
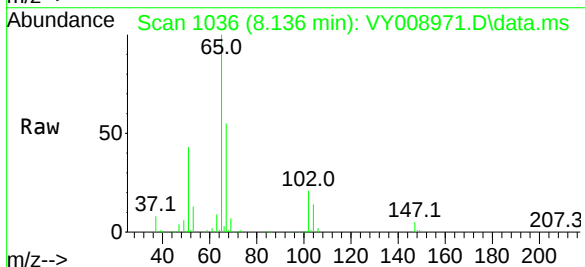
Instrument :
MSVOA_Y
ClientSampleId :
P030-SS001-2430-01

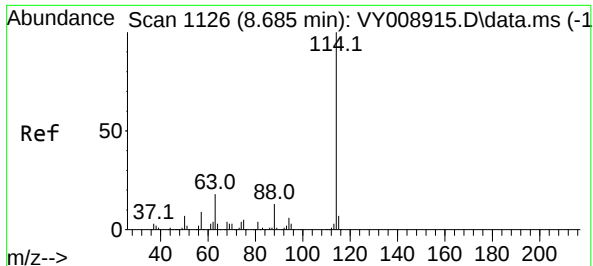
Tgt Ion: 56 Resp: 3127
Ion Ratio Lower Upper
56 100
69 130.2 26.7 40.1#
84 124.0 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 67.471 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.007 min
Lab File: VY008971.D
Acq: 22 May 2022 01:07

Tgt Ion: 65 Resp: 84766
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: VY008971.D

Acq: 22 May 2022 01:07

Instrument :

MSVOA_Y

ClientSampleId :

P030-SS001-2430-01

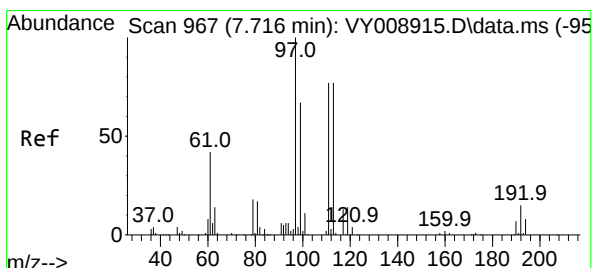
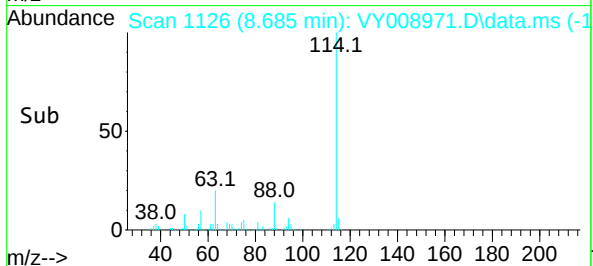
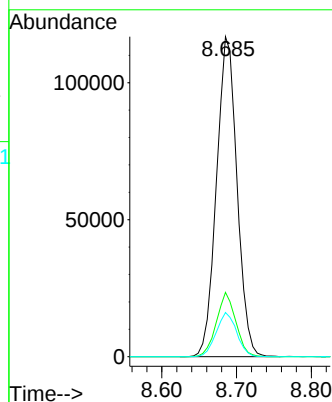
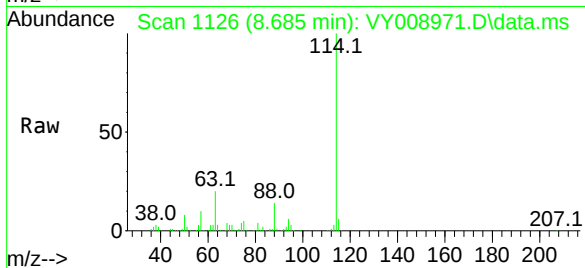
Tgt Ion:114 Resp: 223667

Ion Ratio Lower Upper

114 100

63 20.1 0.0 43.2

88 13.8 0.0 31.8



#35

Dibromofluoromethane

Concen: 51.702 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.006 min

Lab File: VY008971.D

Acq: 22 May 2022 01:07

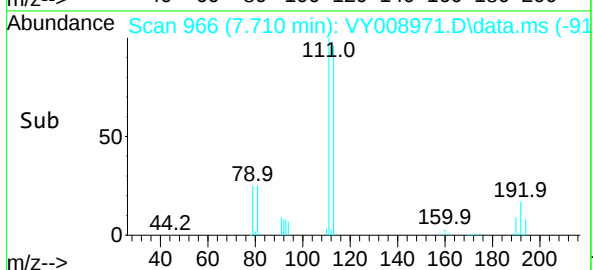
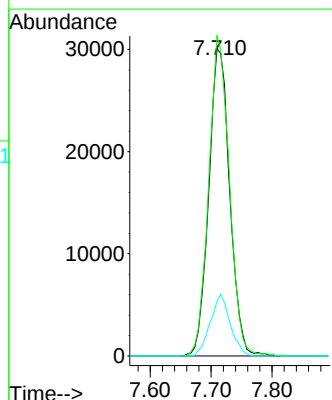
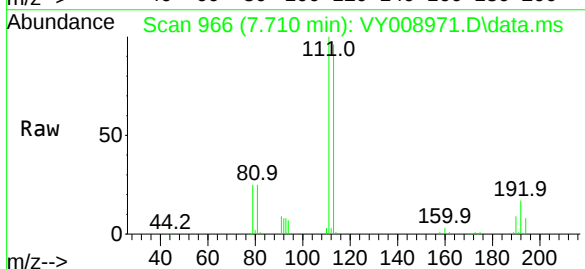
Tgt Ion:113 Resp: 71910

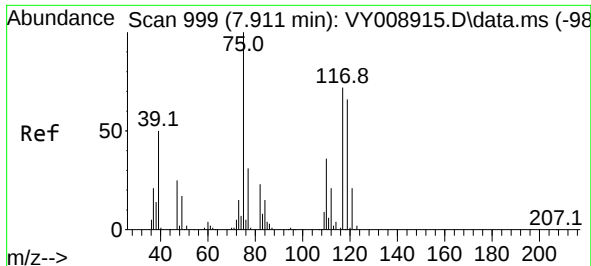
Ion Ratio Lower Upper

113 100

111 102.6 82.6 124.0

192 19.0 17.6 26.4

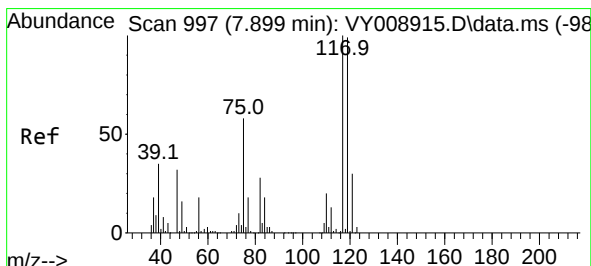
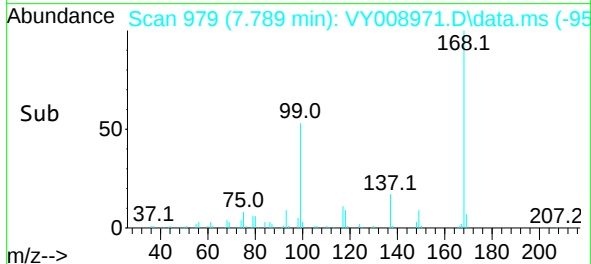
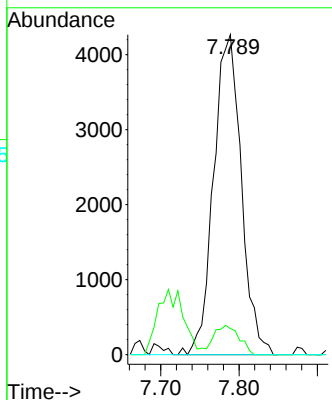
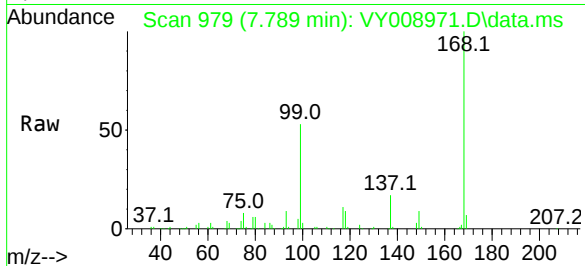




#36
1,1-Dichloropropene
Concen: 4.423 ug/l
RT: 7.789 min Scan# 919
Delta R.T. -0.122 min
Lab File: VY008971.D
Acq: 22 May 2022 01:07

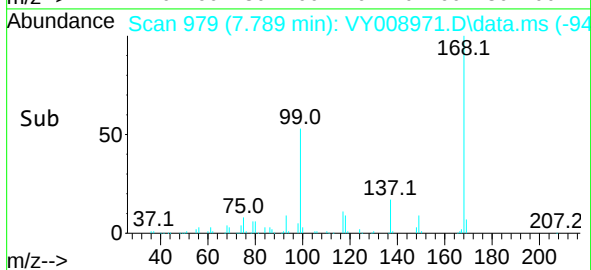
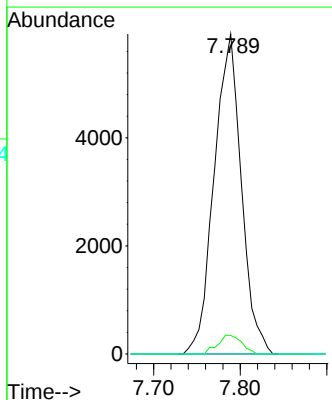
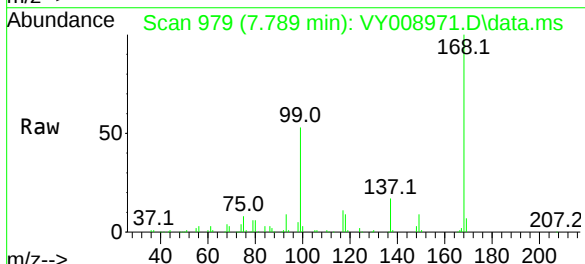
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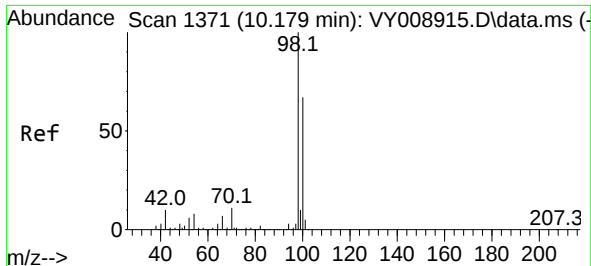
Tgt Ion: 75 Resp: 10468
Ion Ratio Lower Upper
75 100
110 8.2 17.1 51.2#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 5.204 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.110 min
Lab File: VY008971.D
Acq: 22 May 2022 01:07

Tgt Ion: 117 Resp: 12885
Ion Ratio Lower Upper
117 100
119 5.8 77.9 116.9#
121 0.0 24.8 37.2#

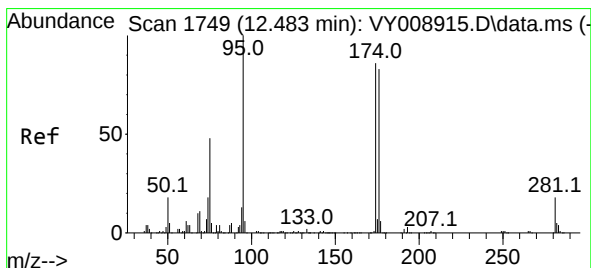
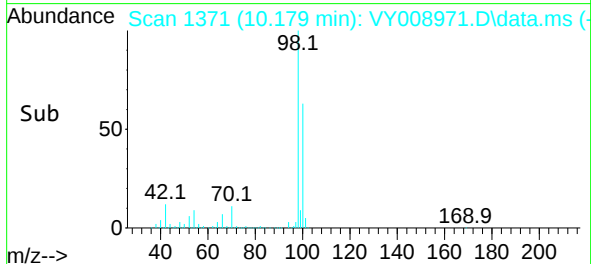
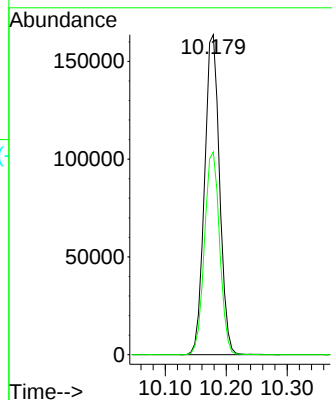
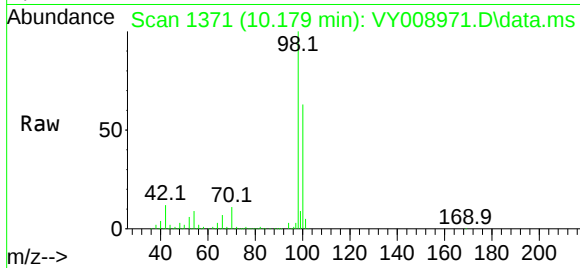




#50
Toluene-d8
Concen: 54.675 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY008971.D
Acq: 22 May 2022 01:07

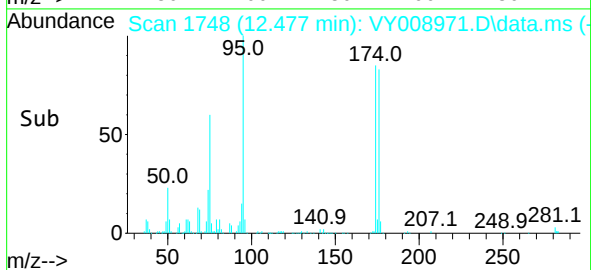
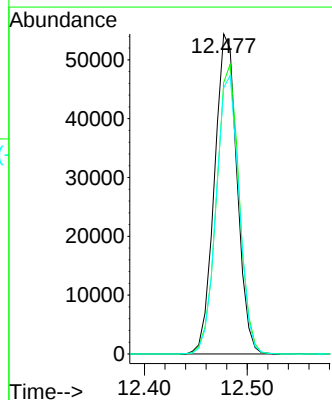
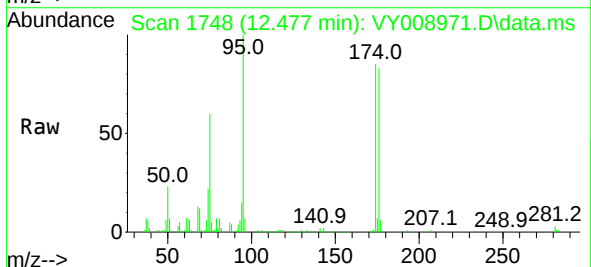
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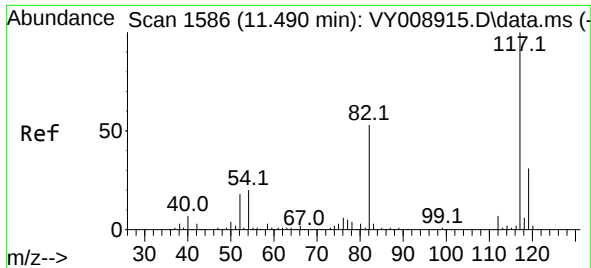
Tgt Ion: 98 Resp: 280541
Ion Ratio Lower Upper
98 100
100 64.1 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 39.996 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY008971.D
Acq: 22 May 2022 01:07

Tgt Ion: 95 Resp: 82785
Ion Ratio Lower Upper
95 100
174 90.8 0.0 177.0
176 88.4 0.0 175.8

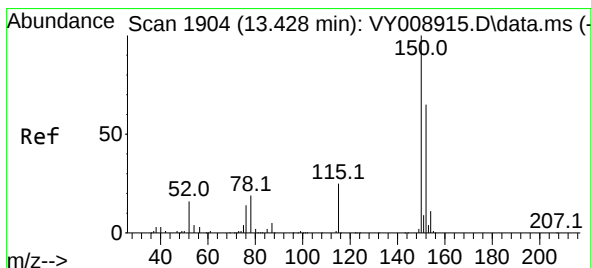
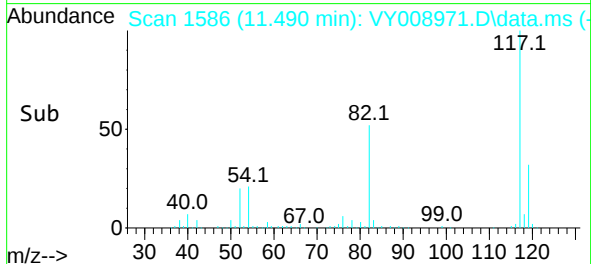
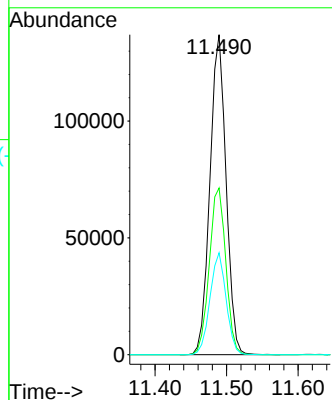
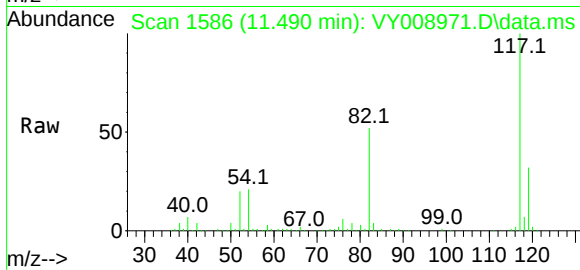




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY008971.D
Acq: 22 May 2022 01:07

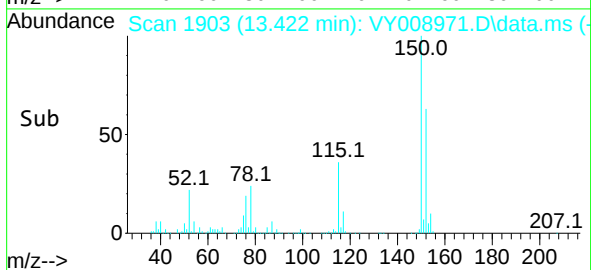
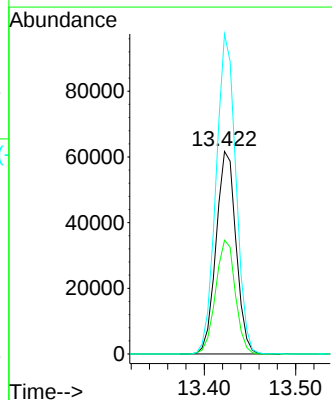
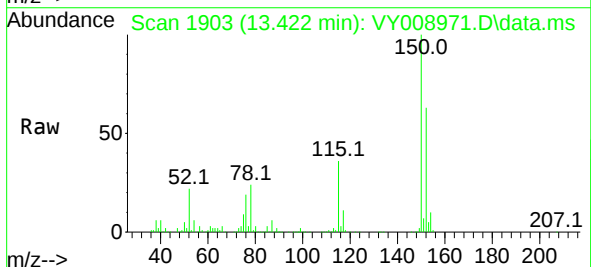
Instrument :
MSVOA_Y
ClientSampleId :
P030-SS001-2430-01

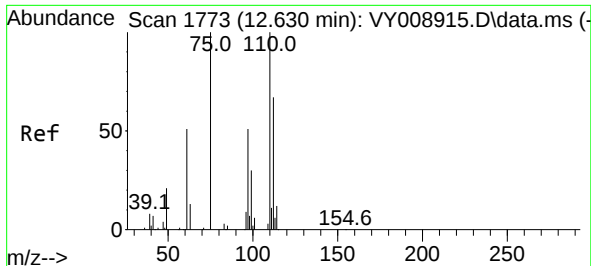
Tgt Ion:117 Resp: 214441
Ion Ratio Lower Upper
117 100
82 52.1 43.0 64.4
119 31.9 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.006 min
Lab File: VY008971.D
Acq: 22 May 2022 01:07

Tgt Ion:152 Resp: 93495
Ion Ratio Lower Upper
152 100
115 55.4 28.2 84.7
150 156.7 0.0 347.6

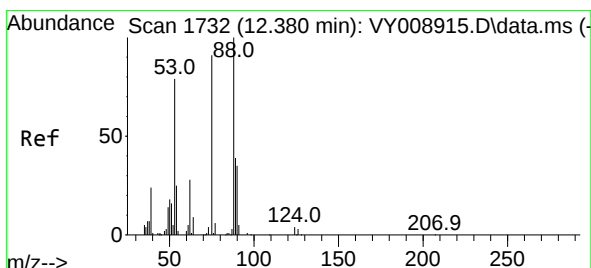
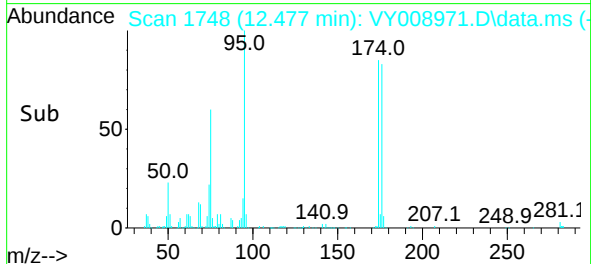
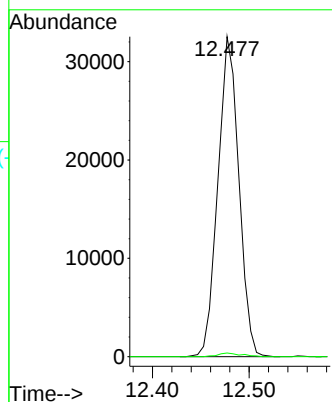
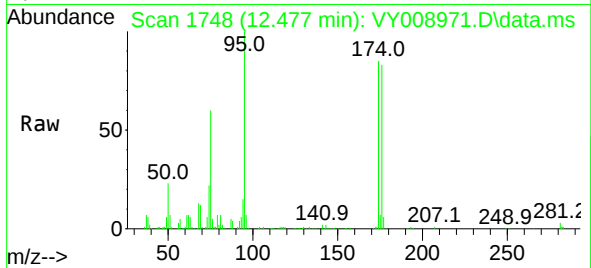




#76
1,2,3-Trichloropropane
Concen: 48.733 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.153 min
Lab File: VY008971.D
Acq: 22 May 2022 01:07

Instrument :
MSVOA_Y
ClientSampleId :
P030-SS001-2430-01

Tgt Ion: 75 Resp: 48929
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 100.024 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.097 min
Lab File: VY008971.D
Acq: 22 May 2022 01:07

Tgt Ion: 75 Resp: 48929
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.1 37.0 55.4#

