

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052122\
 Data File : VY008945.D
 Acq On : 21 May 2022 13:29
 Operator : KP/MD
 Sample : N2919-10
 Misc : 4.14g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 P013-SS002-0612-01

Quant Time: May 21 21:29:13 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)

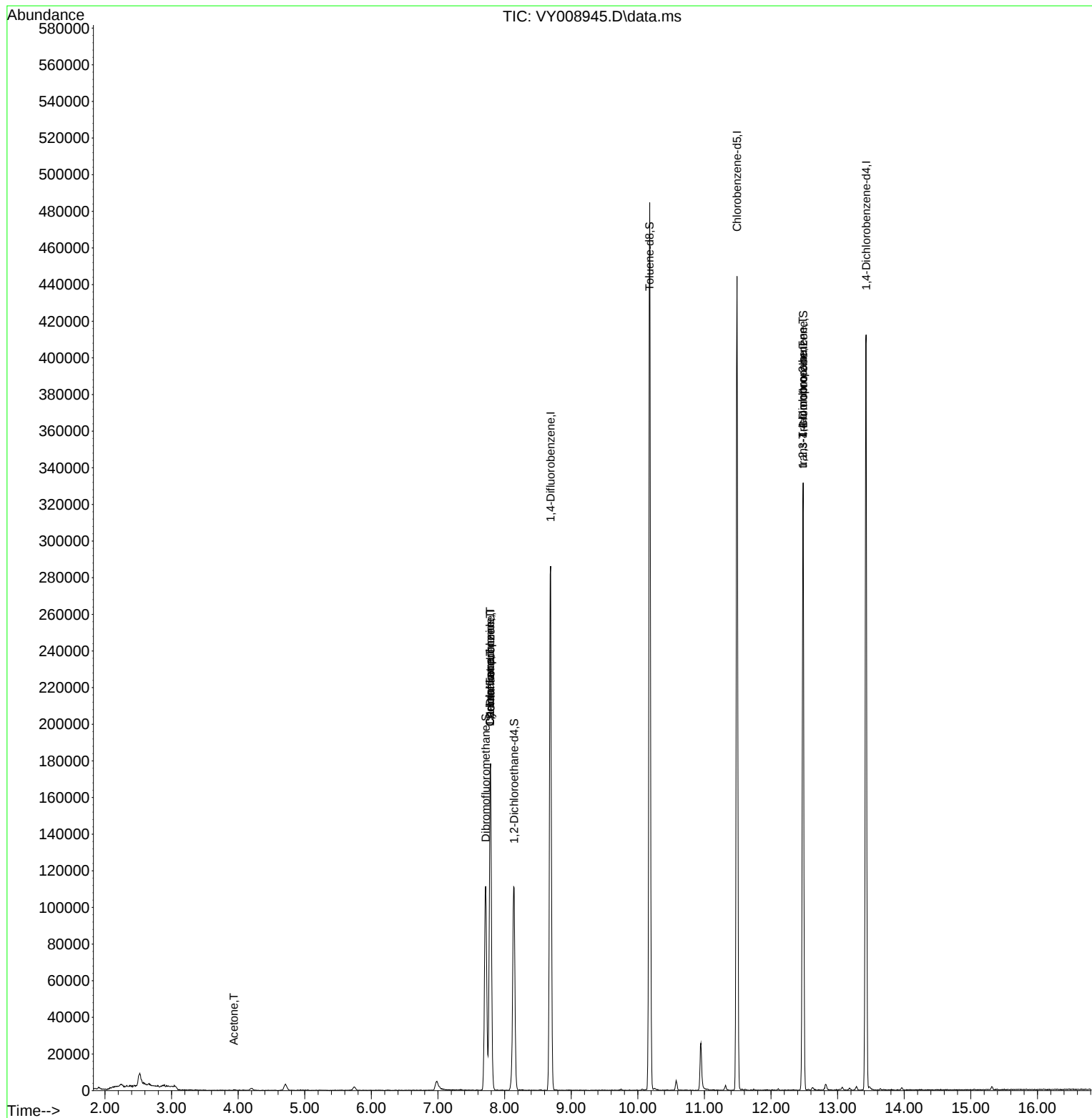
Internal Standards						
1) Pentafluorobenzene	7.789	168	135330	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	244179	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	230221	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	99688	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	82964	59.567	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 119.140%	
35) Dibromofluoromethane	7.716	113	76737	50.538	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 101.080%	
50) Toluene-d8	10.179	98	305863	54.603	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 109.200%	
62) 4-Bromofluorobenzene	12.483	95	88136	39.005	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 78.000%	
Target Compounds						
					Qvalue	
16) Acetone	3.936	43	525	1.811	ug/l #	47
20) Methylene Chloride	4.704	84	2536	Below Cal	#	64
31) Cyclohexane	7.783	56	3295	1.209	ug/l #	20
36) 1,1-Dichloropropene	7.783	75	11433	4.424	ug/l #	51
38) Carbon Tetrachloride	7.783	117	13396	4.956	ug/l #	15
76) 1,2,3-Trichloropropane	12.477	75	51256	47.879	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	51256	98.272	ug/l #	7

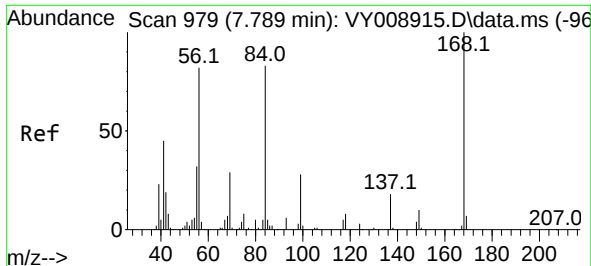
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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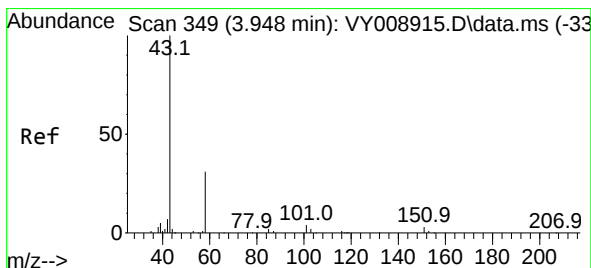
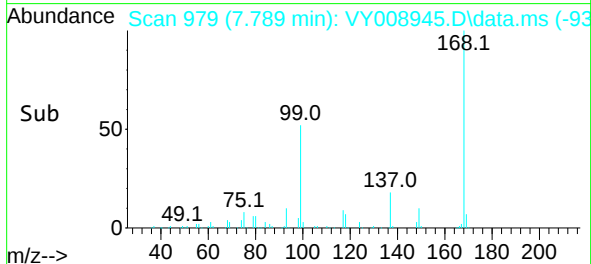
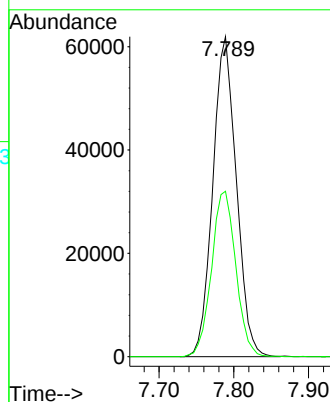
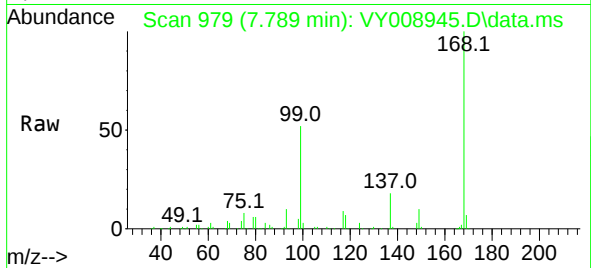




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008945.D
Acq: 21 May 2022 13:29

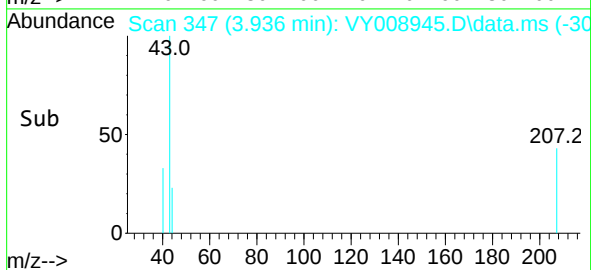
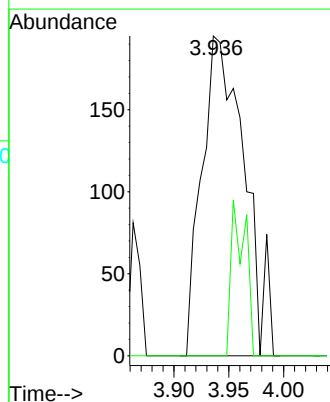
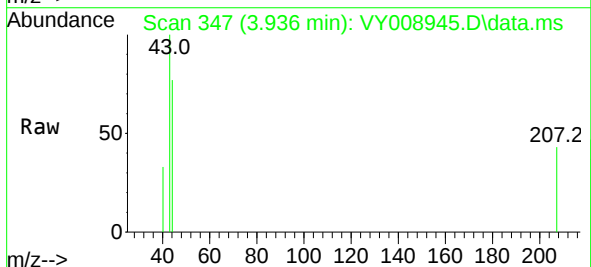
Instrument :
MSVOA_Y
ClientSampleId :
P013-SS002-0612-01

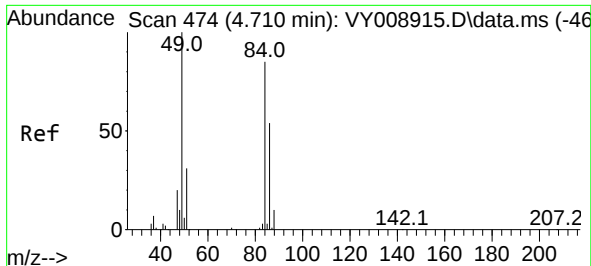
Tgt Ion:168 Resp: 135330
Ion Ratio Lower Upper
168 100
99 51.7 46.9 70.3



#16
Acetone
Concen: 1.811 ug/l
RT: 3.936 min Scan# 347
Delta R.T. -0.012 min
Lab File: VY008945.D
Acq: 21 May 2022 13:29

Tgt Ion: 43 Resp: 525
Ion Ratio Lower Upper
43 100
58 0.0 22.0 33.0#





#20

Methylene Chloride

Concen: Below Cal

RT: 4.704 min Scan# 41

Delta R.T. -0.006 min

Lab File: VY008945.D

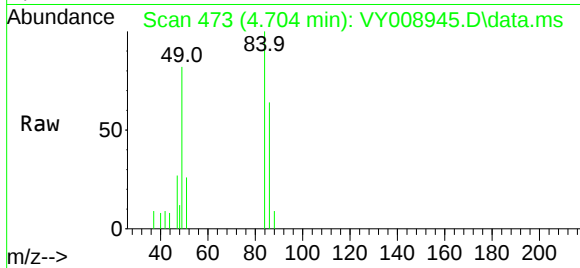
Acq: 21 May 2022 13:29

Instrument :

MSVOA_Y

ClientSampleId :

P013-SS002-0612-01



Tgt Ion: 84 Resp: 2536

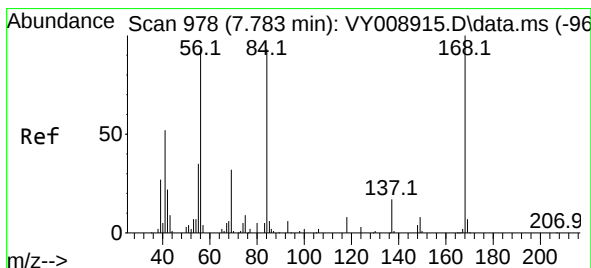
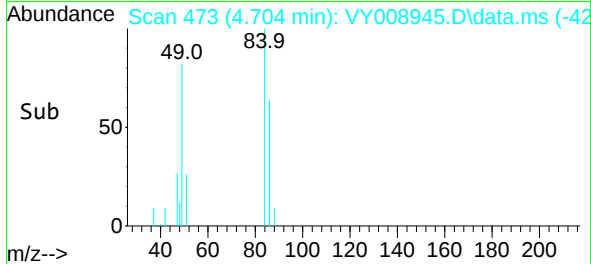
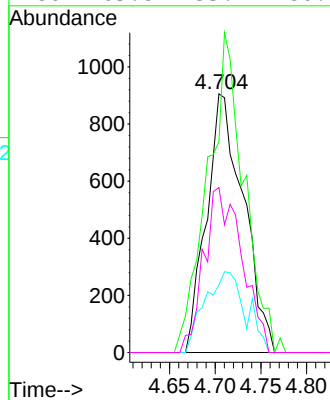
Ion Ratio Lower Upper

84 100

49 75.9 114.4 171.6#

51 26.2 35.3 52.9#

86 63.8 53.7 80.5



#31

Cyclohexane

Concen: 1.209 ug/l

RT: 7.783 min Scan# 978

Delta R.T. -0.000 min

Lab File: VY008945.D

Acq: 21 May 2022 13:29

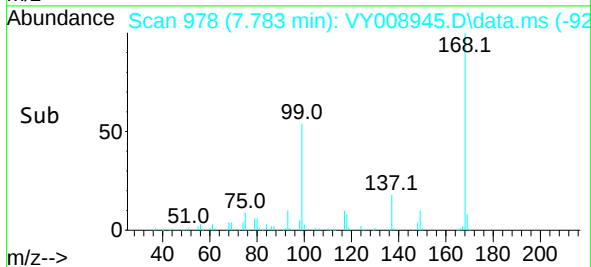
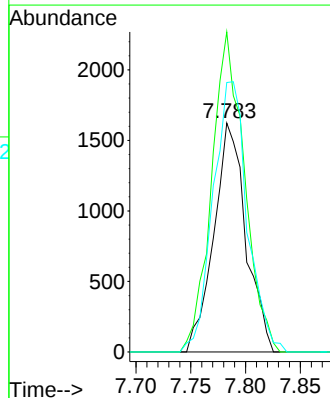
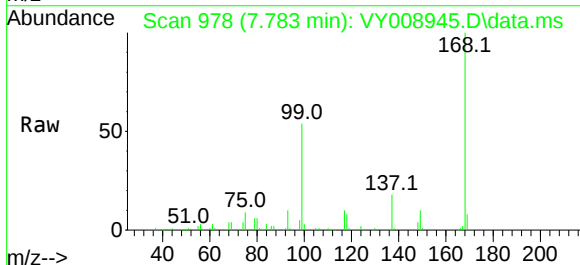
Tgt Ion: 56 Resp: 3295

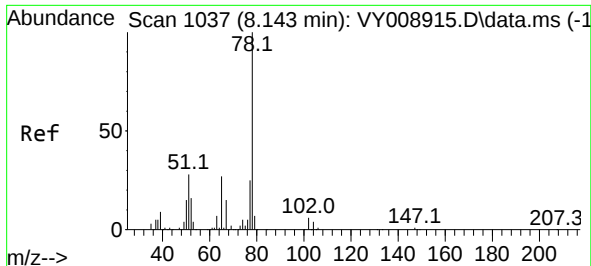
Ion Ratio Lower Upper

56 100

69 139.7 26.7 40.1#

84 117.6 67.2 100.8#





#33

1,2-Dichloroethane-d4

Concen: 59.567 ug/l

RT: 8.142 min Scan# 110

Delta R.T. -0.001 min

Lab File: VY008945.D

Acq: 21 May 2022 13:29

Instrument :

MSVOA_Y

ClientSampleId :

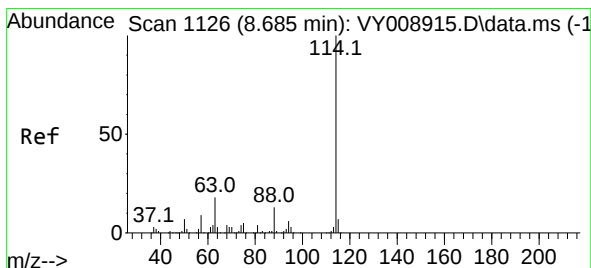
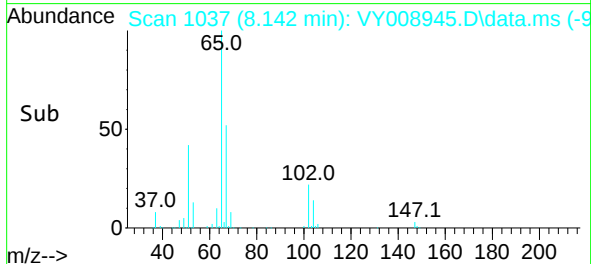
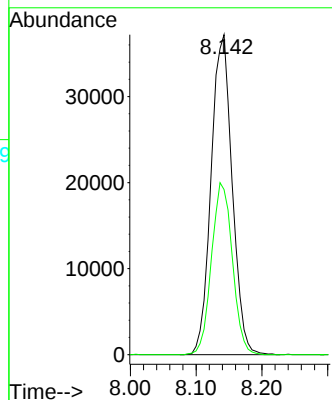
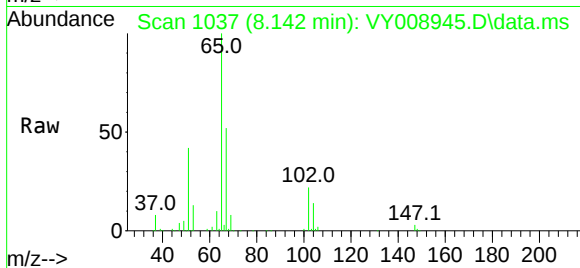
P013-SS002-0612-01

Tgt Ion: 65 Resp: 82964

Ion Ratio Lower Upper

65 100

67 53.3 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VY008945.D

Acq: 21 May 2022 13:29

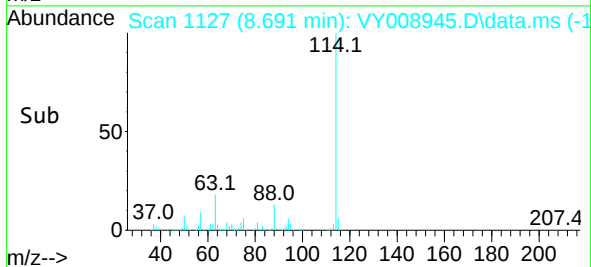
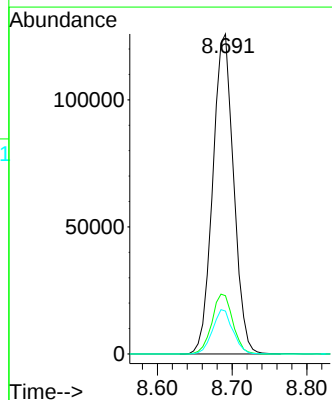
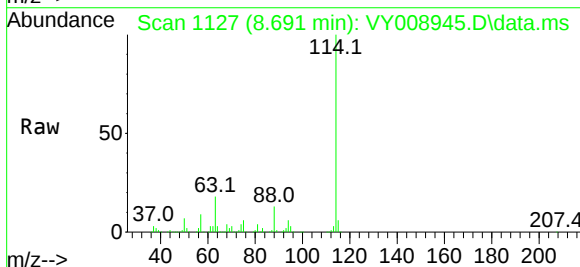
Tgt Ion:114 Resp: 244179

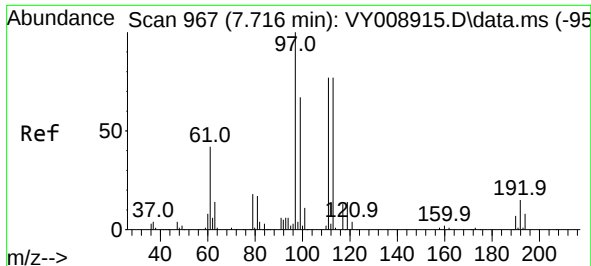
Ion Ratio Lower Upper

114 100

63 18.2 0.0 43.2

88 13.4 0.0 31.8

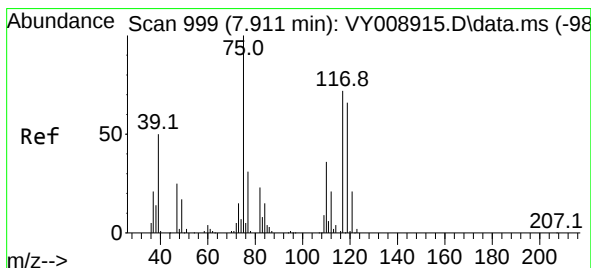
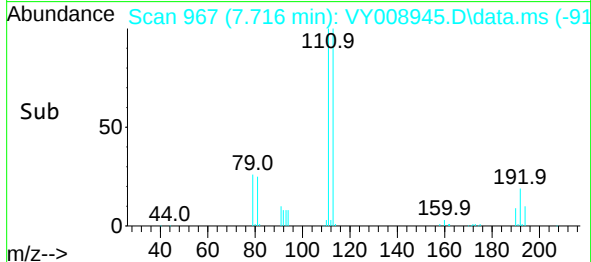
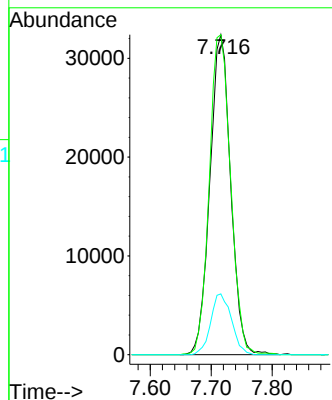
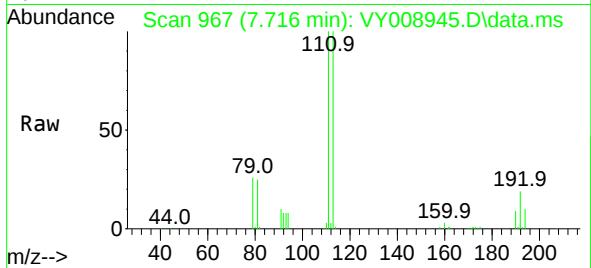




#35
Dibromofluoromethane
Concen: 50.538 ug/l
RT: 7.716 min Scan# 911
Delta R.T. -0.000 min
Lab File: VY008945.D
Acq: 21 May 2022 13:29

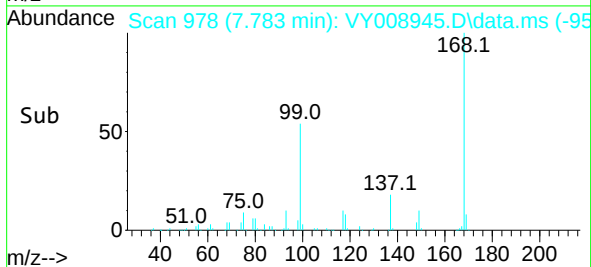
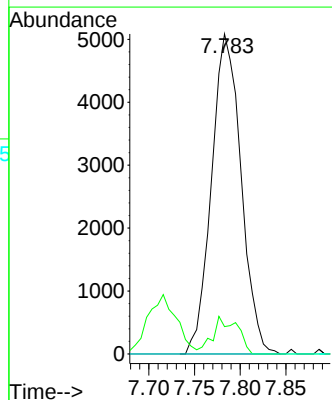
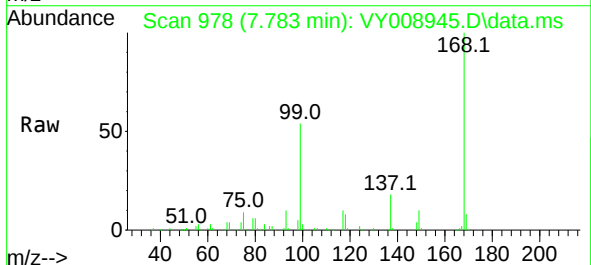
Instrument :
MSVOA_Y
ClientSampleId :
P013-SS002-0612-01

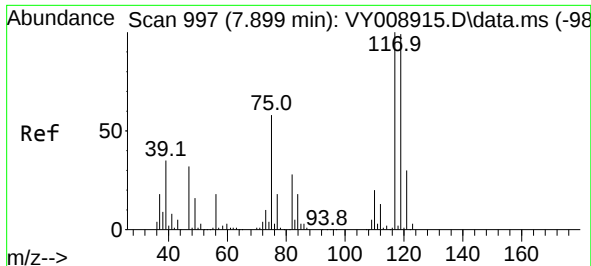
Tgt Ion:113 Resp: 76737
Ion Ratio Lower Upper
113 100
111 102.4 82.6 124.0
192 19.0 17.6 26.4



#36
1,1-Dichloropropene
Concen: 4.424 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.128 min
Lab File: VY008945.D
Acq: 21 May 2022 13:29

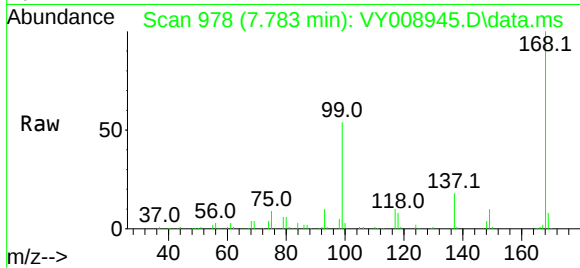
Tgt Ion: 75 Resp: 11433
Ion Ratio Lower Upper
75 100
110 9.7 17.1 51.2#
77 0.0 24.4 36.6#



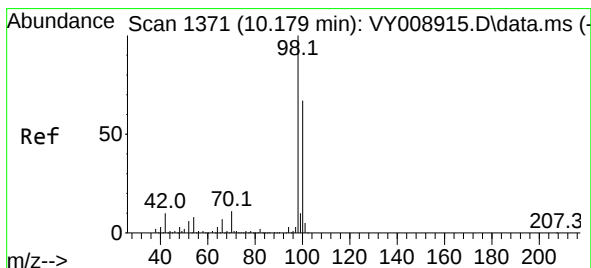
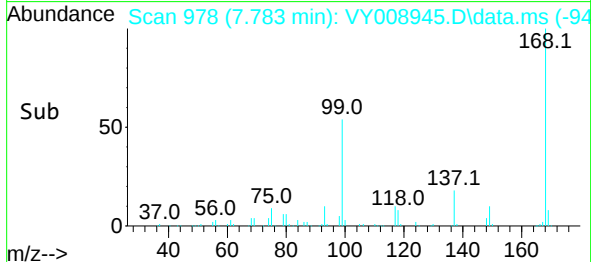
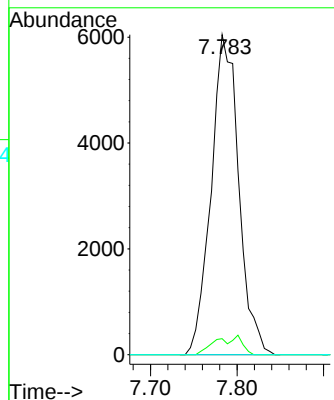


#38
Carbon Tetrachloride
Concen: 4.956 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY008945.D
Acq: 21 May 2022 13:29

Instrument :
MSVOA_Y
ClientSampleId :
P013-SS002-0612-01

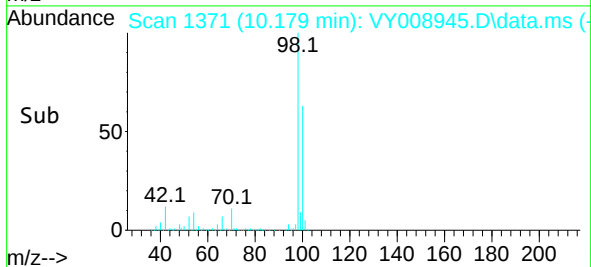
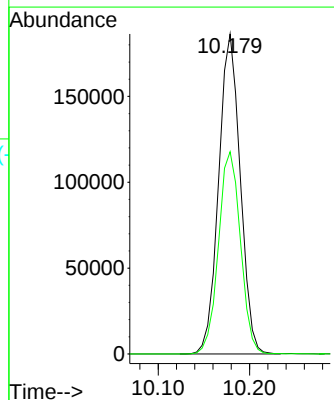
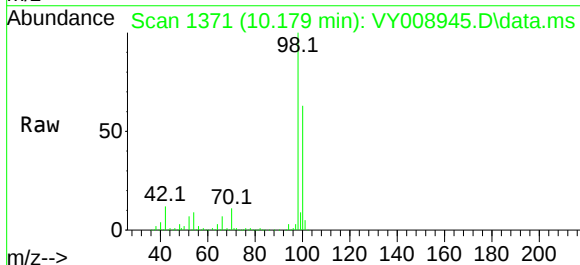


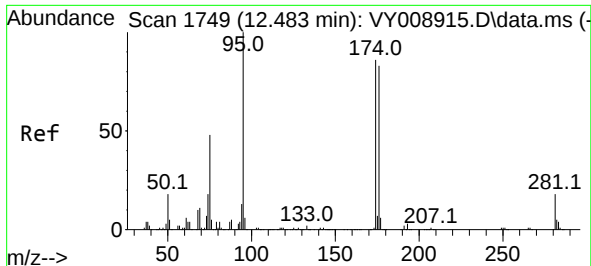
Tgt Ion:117 Resp: 13396
Ion Ratio Lower Upper
117 100
119 5.0 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 54.603 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY008945.D
Acq: 21 May 2022 13:29

Tgt Ion: 98 Resp: 305863
Ion Ratio Lower Upper
98 100
100 64.3 50.2 75.2

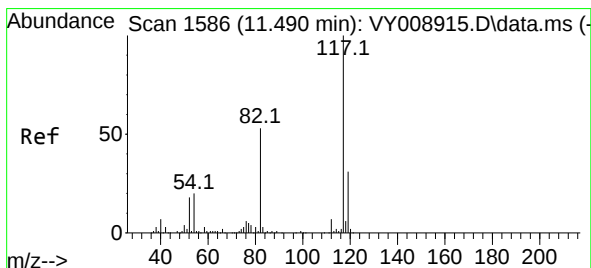
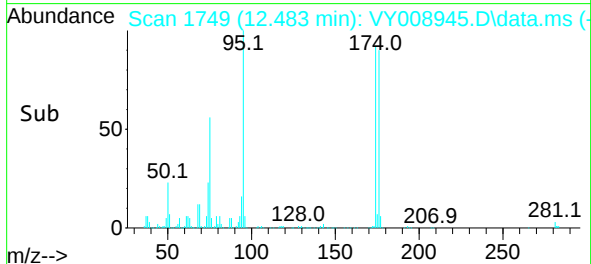
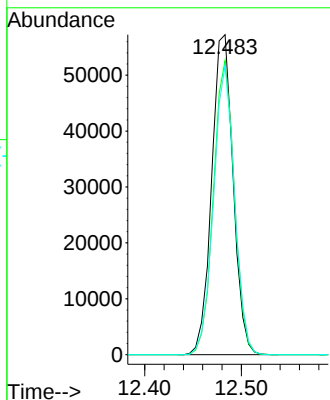
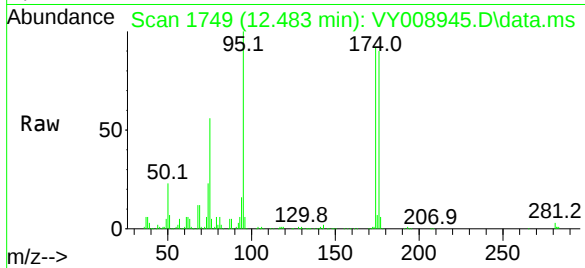




#62
4-Bromofluorobenzene
Concen: 39.005 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008945.D
Acq: 21 May 2022 13:29

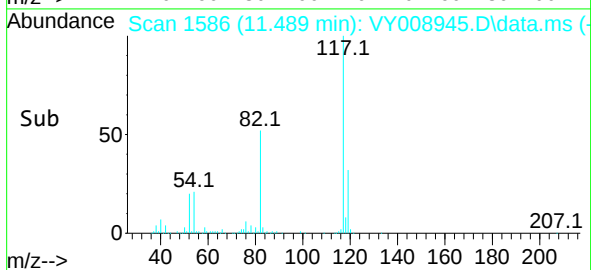
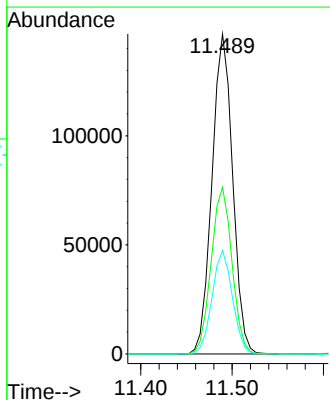
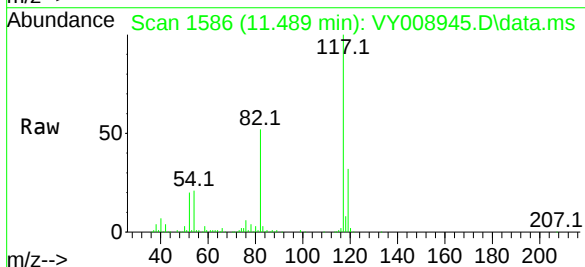
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MSVOA_Y
ClientSampleId :
P013-SS002-0612-01

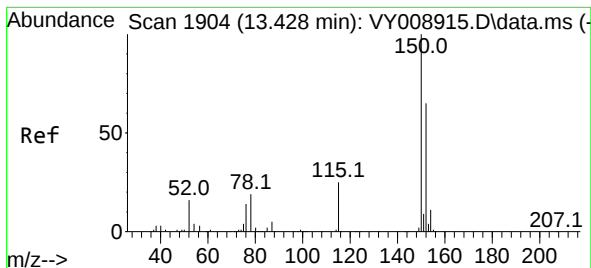
Tgt Ion: 95 Resp: 88136
Ion Ratio Lower Upper
95 100
174 89.8 0.0 177.0
176 88.3 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.001 min
Lab File: VY008945.D
Acq: 21 May 2022 13:29

Tgt Ion: 117 Resp: 230221
Ion Ratio Lower Upper
117 100
82 52.1 43.0 64.4
119 32.4 25.4 38.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VY008945.D

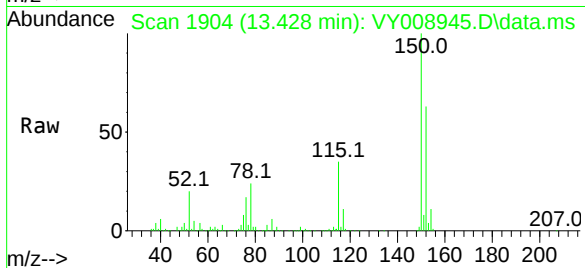
Acq: 21 May 2022 13:29

Instrument :

MSVOA_Y

ClientSampleId :

P013-SS002-0612-01



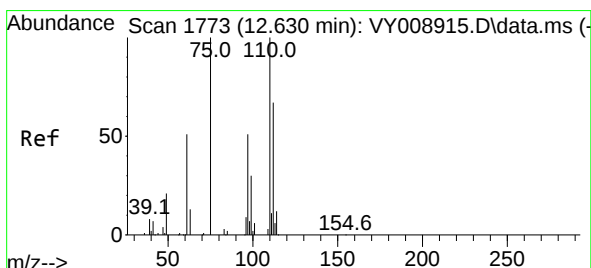
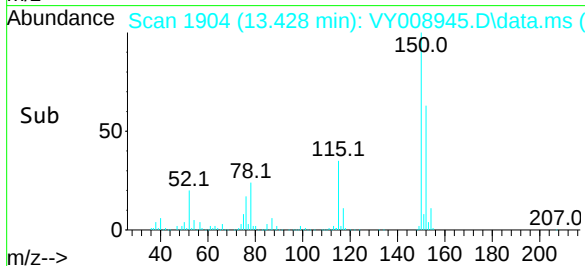
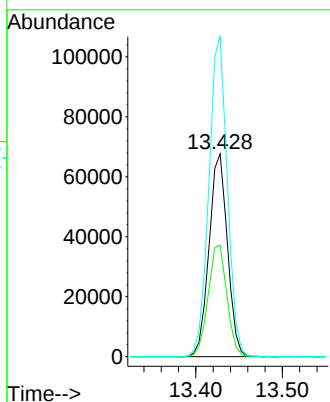
Tgt Ion:152 Resp: 99688

Ion Ratio Lower Upper

152 100

115 56.3 28.2 84.7

150 157.7 0.0 347.6



#76

1,2,3-Trichloropropane

Concen: 47.879 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. -0.153 min

Lab File: VY008945.D

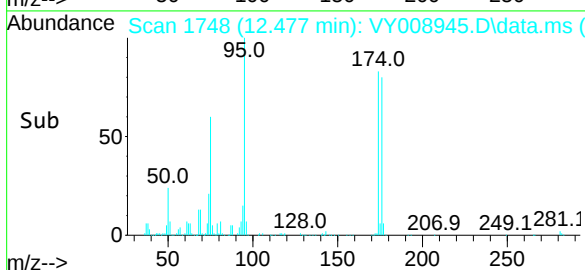
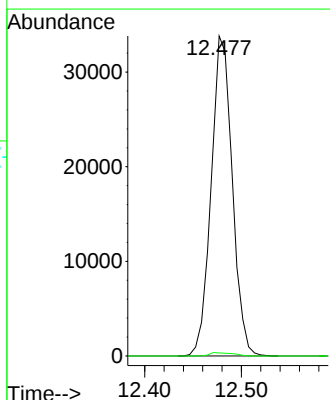
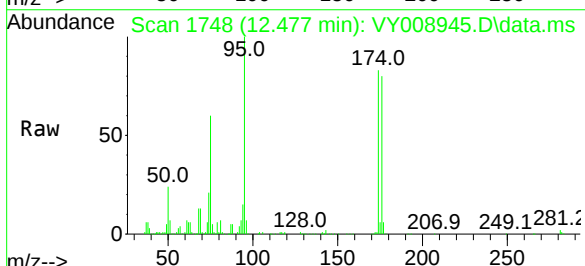
Acq: 21 May 2022 13:29

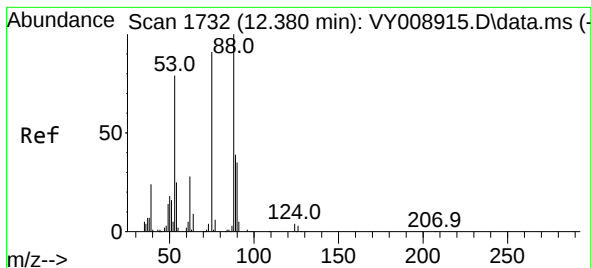
Tgt Ion: 75 Resp: 51256

Ion Ratio Lower Upper

75 100

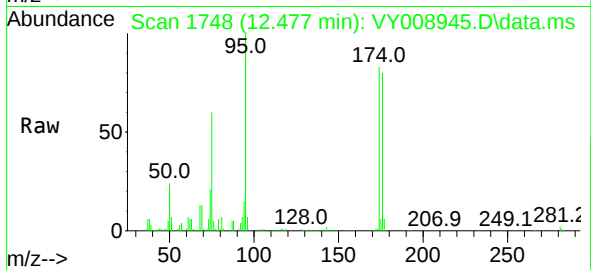
77 1.1 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 98.272 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.097 min
 Lab File: VY008945.D
 Acq: 21 May 2022 13:29

Instrument :
 MSVOA_Y
 ClientSampleId :
 P013-SS002-0612-01



Tgt Ion	Ratio	Lower	Upper
75	100		
53	0.3	85.3	127.9#
89	0.1	37.0	55.4#

