

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052122\
 Data File : VY008947.D
 Acq On : 21 May 2022 14:16
 Operator : KP/MD
 Sample : N2919-12
 Misc : 5.14g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 P013-SS002-1824-01

Quant Time: May 21 21:29:37 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)

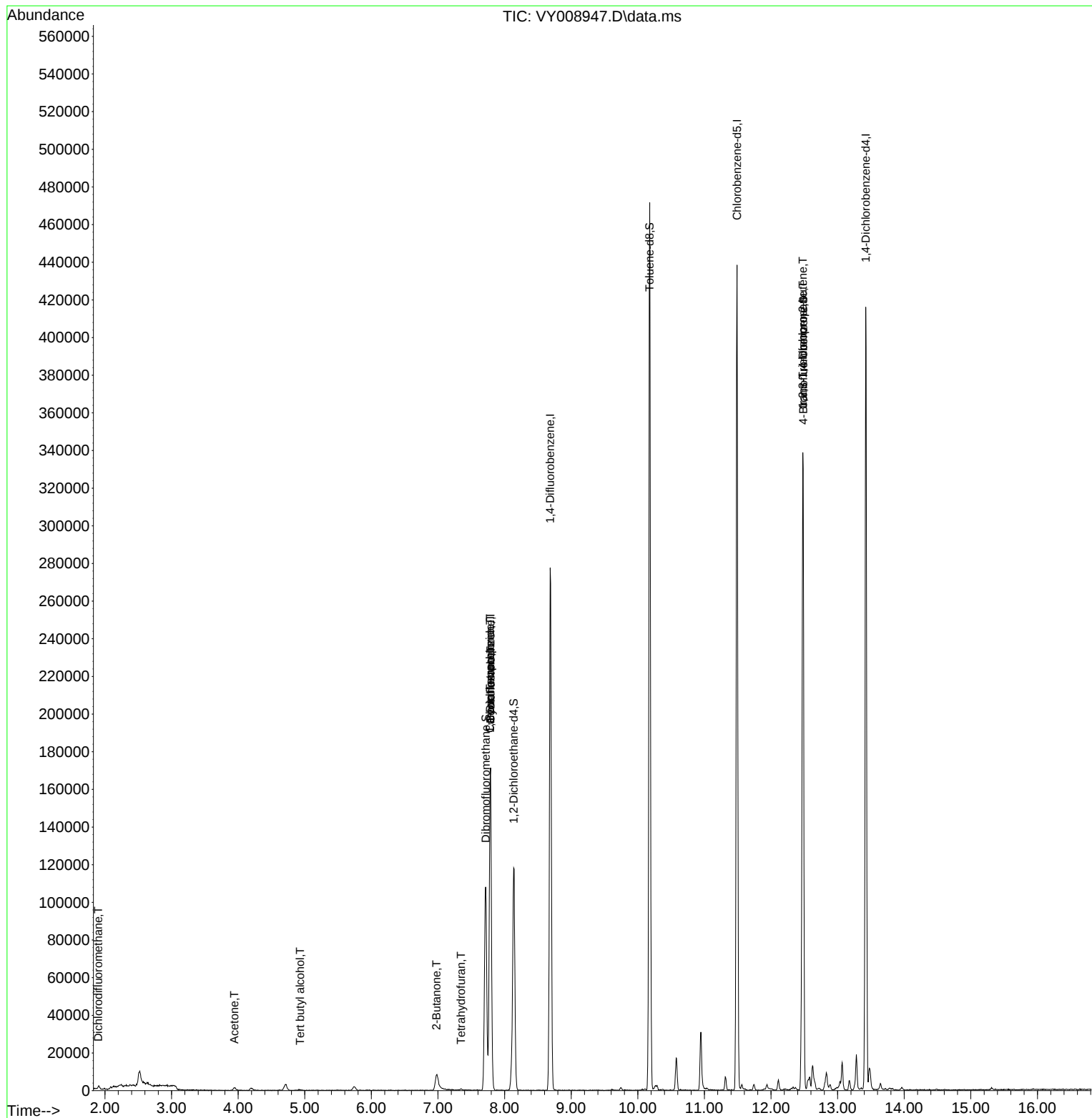
Internal Standards						
1) Pentafluorobenzene	7.789	168	130721	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	235494	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	225086	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	100645	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	84038	62.465	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 124.940%	
35) Dibromofluoromethane	7.716	113	74753	51.047	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 102.100%	
50) Toluene-d8	10.179	98	292848	54.207	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 108.420%	
62) 4-Bromofluorobenzene	12.483	95	91537	42.004	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 84.000%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	1228	1.027	ug/l	89
11) Tert butyl alcohol	4.930	59	159	1.165	ug/l #	77
16) Acetone	3.942	43	2629	9.388	ug/l #	84
20) Methylene Chloride	4.710	84	2619	Below Cal	#	76
25) 2-Butanone	6.978	43	967	1.933	ug/l	95
29) Tetrahydrofuran	7.344	42	374	1.101	ug/l #	57
31) Cyclohexane	7.789	56	3087	1.173	ug/l #	1
36) 1,1-Dichloropropene	7.783	75	11650	4.675	ug/l #	50
38) Carbon Tetrachloride	7.783	117	13547	5.196	ug/l #	15
76) 1,2,3-Trichloropropane	12.477	75	52046	48.155	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	52046	98.838	ug/l #	7

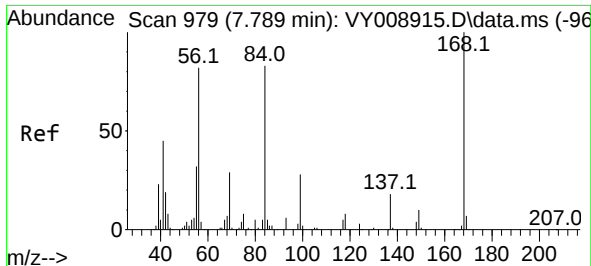
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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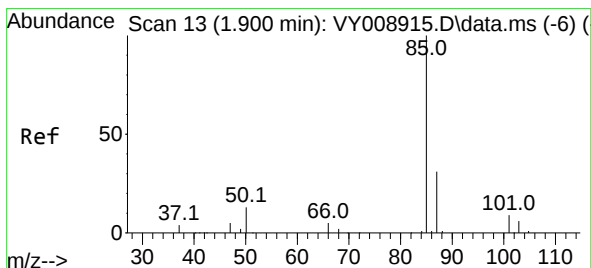
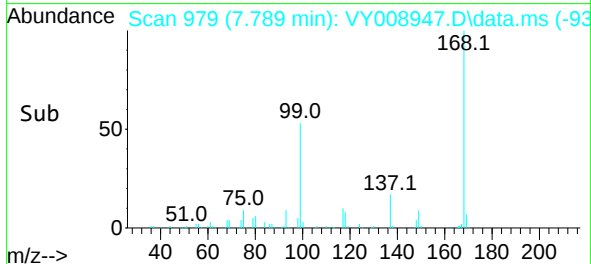
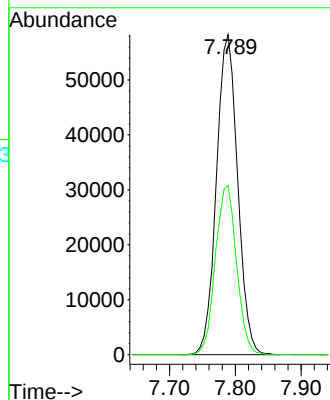
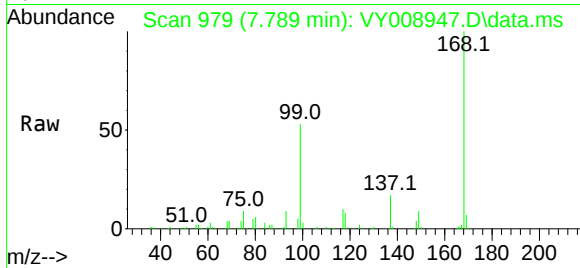




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008947.D
Acq: 21 May 2022 14:16

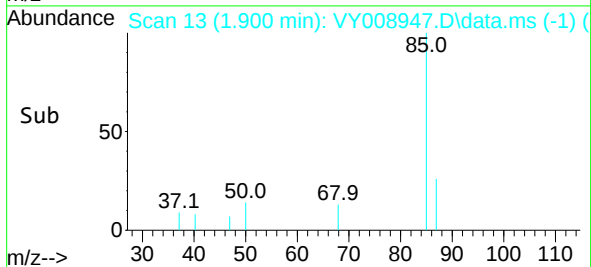
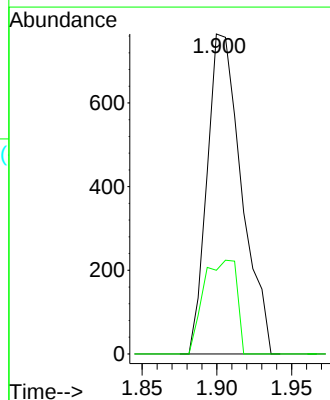
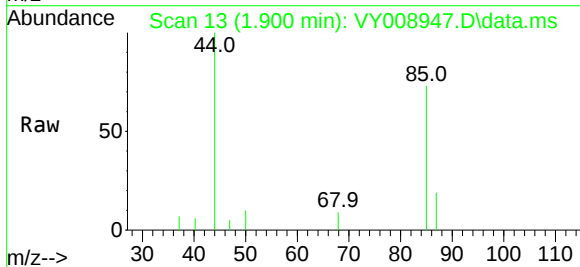
Instrument :
MSVOA_Y
ClientSampleId :
P013-SS002-1824-01

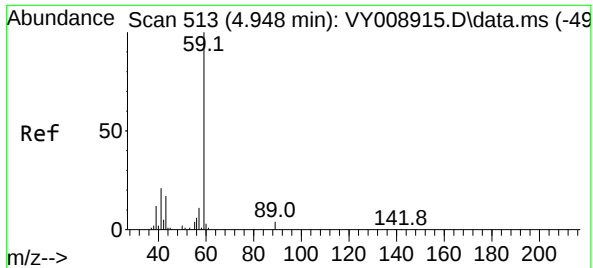
Tgt Ion:168 Resp: 130721
Ion Ratio Lower Upper
168 100
99 52.8 46.9 70.3



#2
Dichlorodifluoromethane
Concen: 1.027 ug/l
RT: 1.900 min Scan# 13
Delta R.T. -0.000 min
Lab File: VY008947.D
Acq: 21 May 2022 14:16

Tgt Ion: 85 Resp: 1228
Ion Ratio Lower Upper
85 100
87 26.1 16.1 48.2

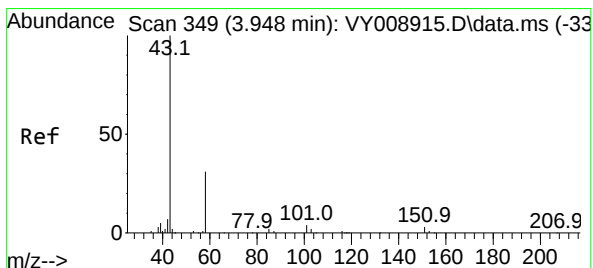
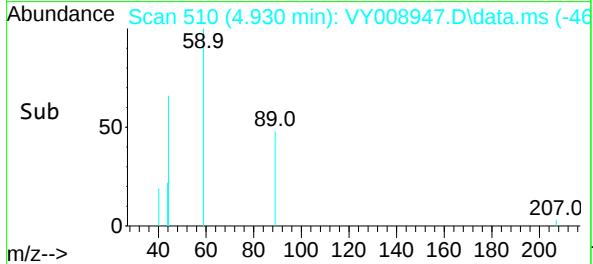
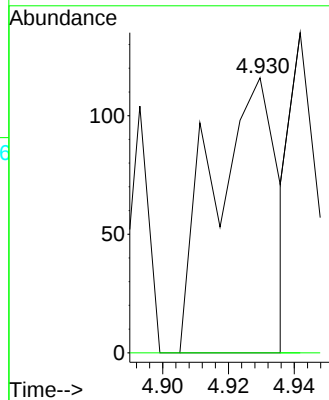
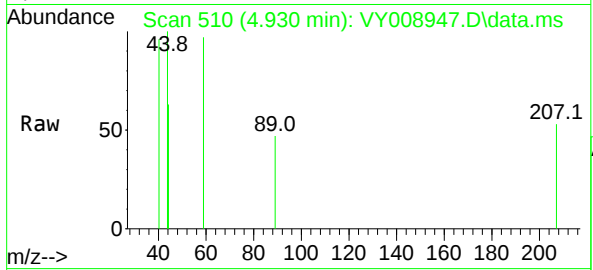




#11
Tert butyl alcohol
Concen: 1.165 ug/l
RT: 4.930 min Scan# 51
Delta R.T. -0.018 min
Lab File: VY008947.D
Acq: 21 May 2022 14:16

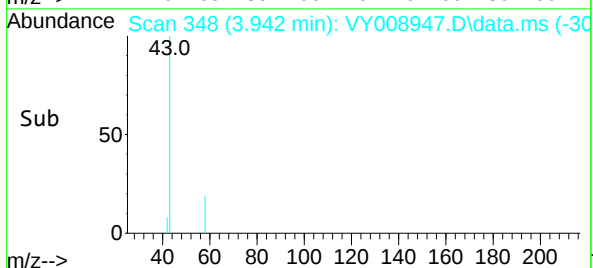
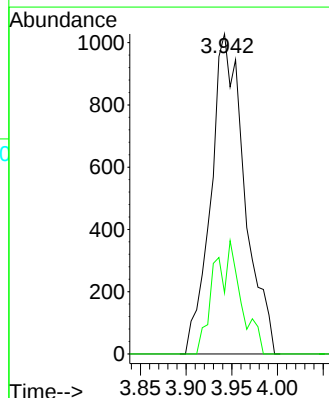
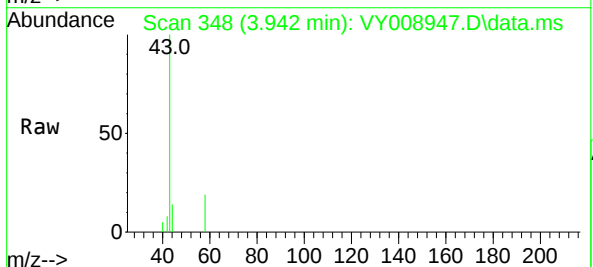
Instrument :
MSVOA_Y
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P013-SS002-1824-01

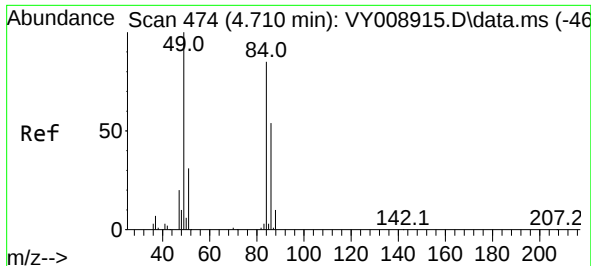
Tgt Ion: 59 Resp: 159
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#



#16
Acetone
Concen: 9.388 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.006 min
Lab File: VY008947.D
Acq: 21 May 2022 14:16

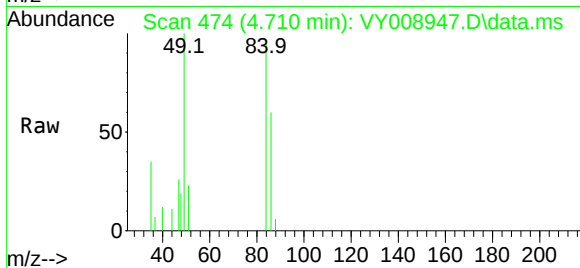
Tgt Ion: 43 Resp: 2629
Ion Ratio Lower Upper
43 100
58 19.1 22.0 33.0#



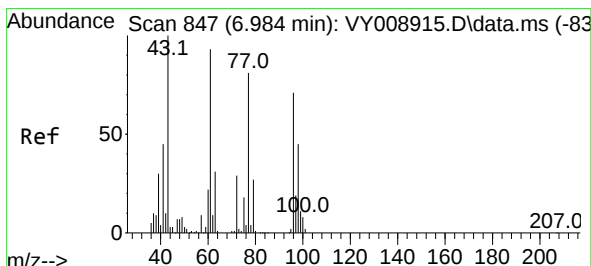
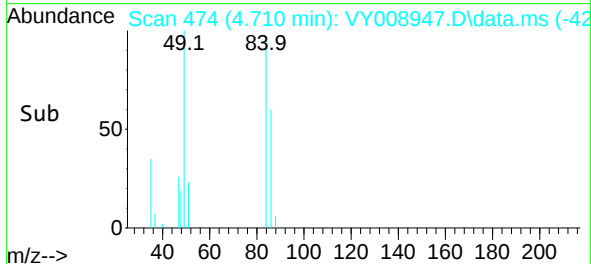
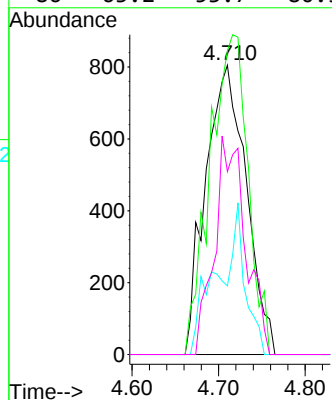


#20
Methylene Chloride
Concen: Below Cal
RT: 4.710 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY008947.D
Acq: 21 May 2022 14:16

Instrument :
MSVOA_Y
ClientSampleId :
P013-SS002-1824-01

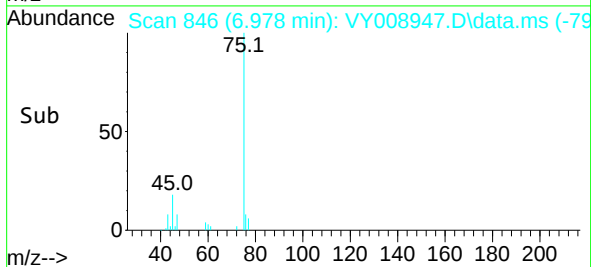
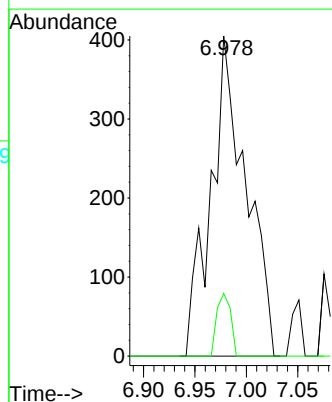
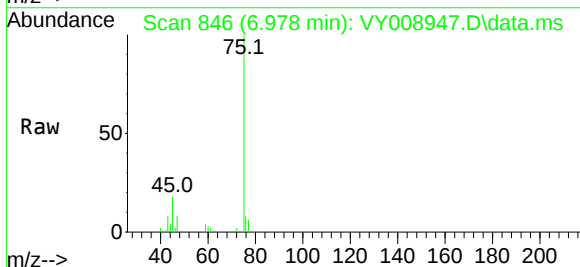


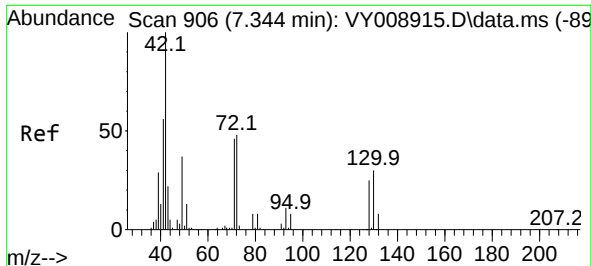
Tgt Ion: 84 Resp: 2619
Ion Ratio Lower Upper
84 100
49 105.0 114.4 171.6#
51 23.7 35.3 52.9#
86 63.2 53.7 80.5



#25
2-Butanone
Concen: 1.933 ug/l
RT: 6.978 min Scan# 846
Delta R.T. -0.006 min
Lab File: VY008947.D
Acq: 21 May 2022 14:16

Tgt Ion: 43 Resp: 967
Ion Ratio Lower Upper
43 100
72 19.5 17.7 26.5





#29

Tetrahydrofuran

Concen: 1.101 ug/l

RT: 7.344 min Scan# 906

Delta R.T. -0.000 min

Lab File: VY008947.D

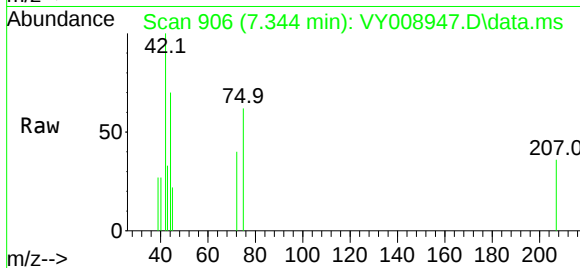
Acq: 21 May 2022 14:16

Instrument :

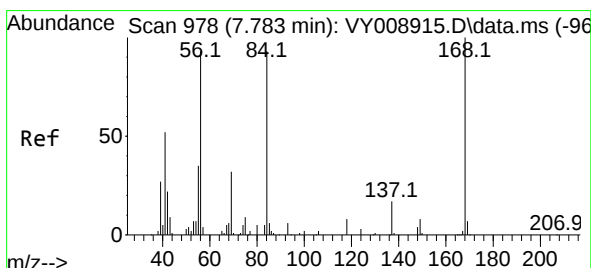
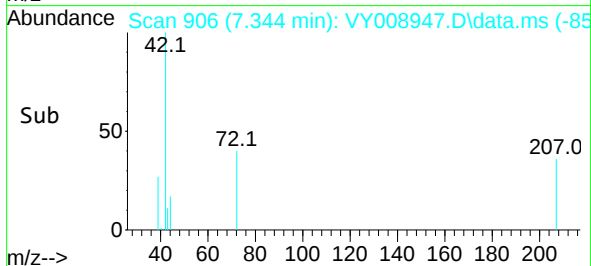
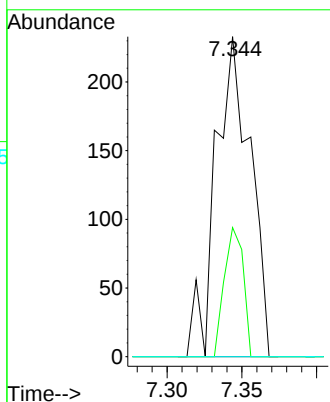
MSVOA_Y

ClientSampleId :

P013-SS002-1824-01



Tgt Ion:	42	Resp:	374
Ion	Ratio	Lower	Upper
42	100		
72	22.2	30.3	45.5#
71	0.0	29.0	43.4#



#31

Cyclohexane

Concen: 1.173 ug/l

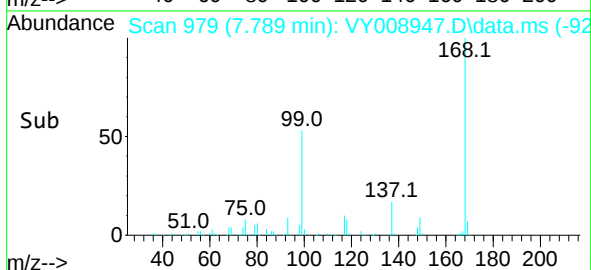
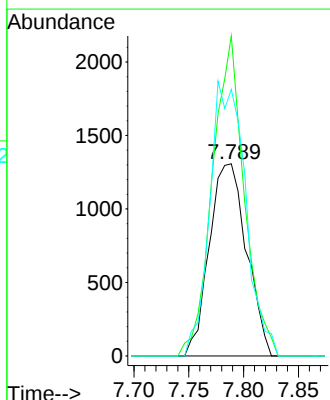
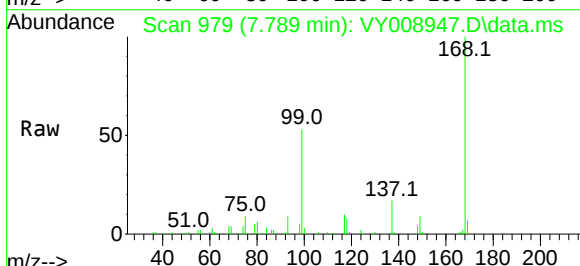
RT: 7.789 min Scan# 979

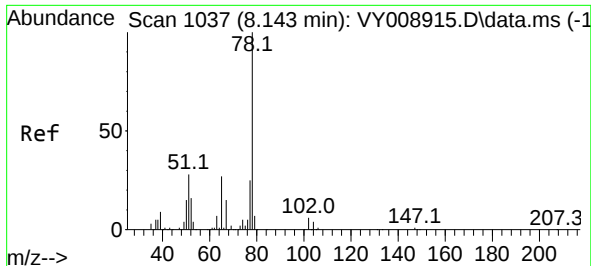
Delta R.T. 0.006 min

Lab File: VY008947.D

Acq: 21 May 2022 14:16

Tgt Ion:	56	Resp:	3087
Ion	Ratio	Lower	Upper
56	100		
69	166.6	26.7	40.1#
84	138.8	67.2	100.8#





#33

1,2-Dichloroethane-d4

Concen: 62.465 ug/l

RT: 8.136 min Scan# 1

Delta R.T. -0.007 min

Lab File: VY008947.D

Acq: 21 May 2022 14:16

Instrument :

MSVOA_Y

ClientSampleId :

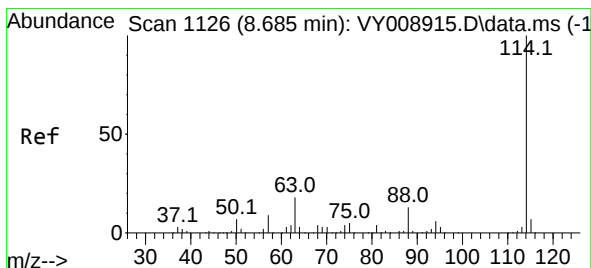
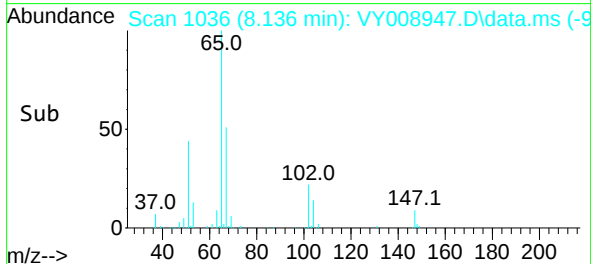
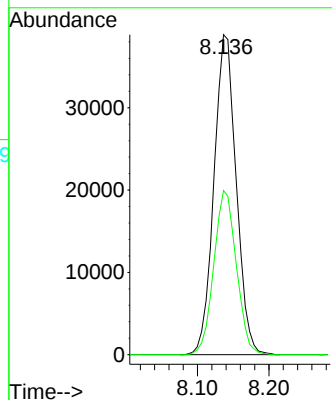
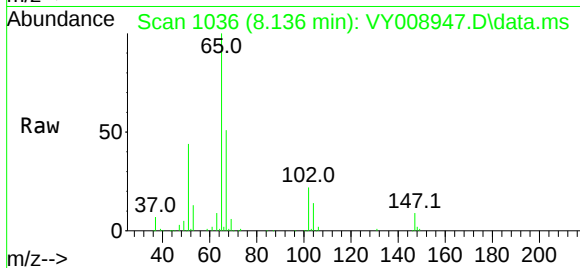
P013-SS002-1824-01

Tgt Ion: 65 Resp: 84038

Ion Ratio Lower Upper

65 100

67 52.0 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: VY008947.D

Acq: 21 May 2022 14:16

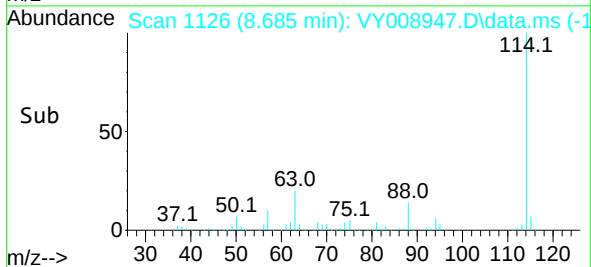
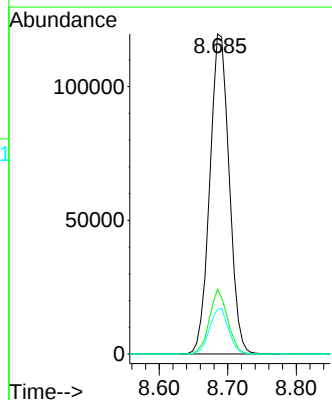
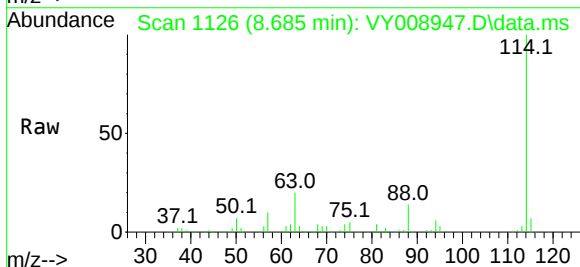
Tgt Ion: 114 Resp: 235494

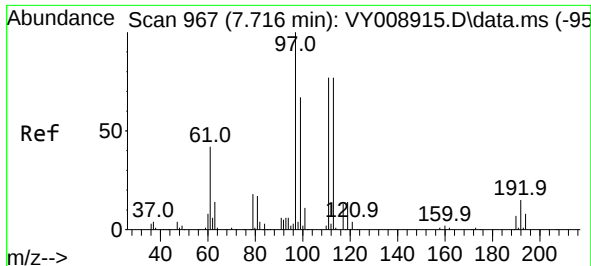
Ion Ratio Lower Upper

114 100

63 20.2 0.0 43.2

88 13.9 0.0 31.8

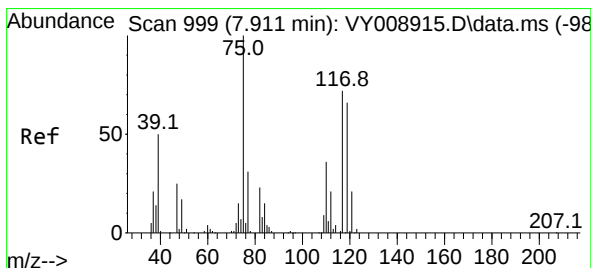
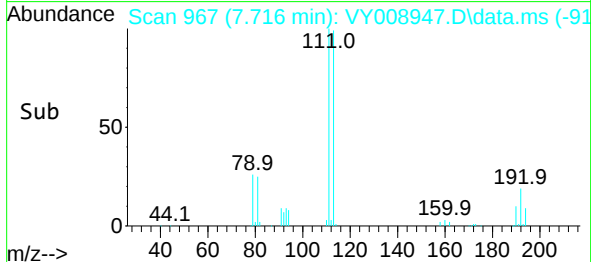
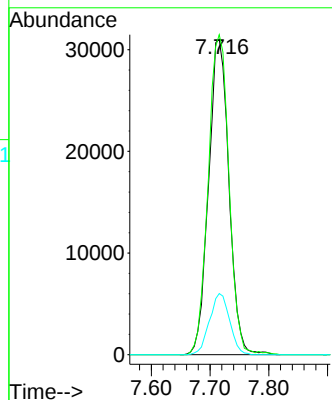
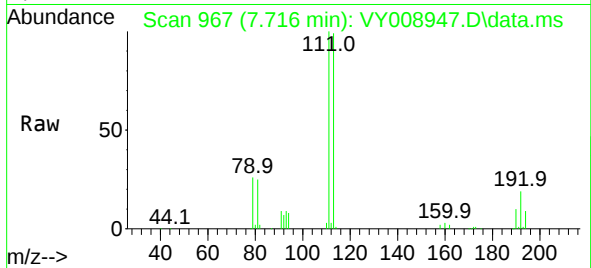




#35
Dibromofluoromethane
Concen: 51.047 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008947.D
Acq: 21 May 2022 14:16

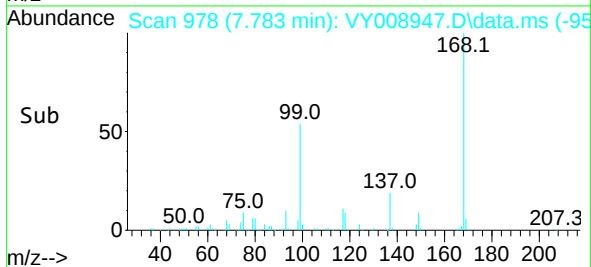
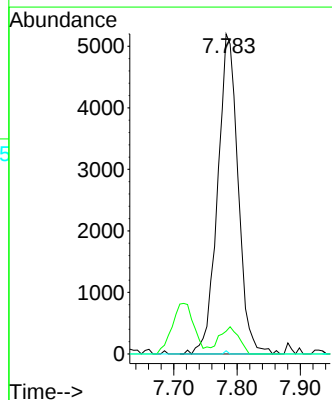
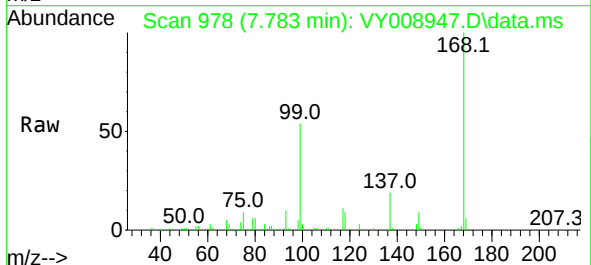
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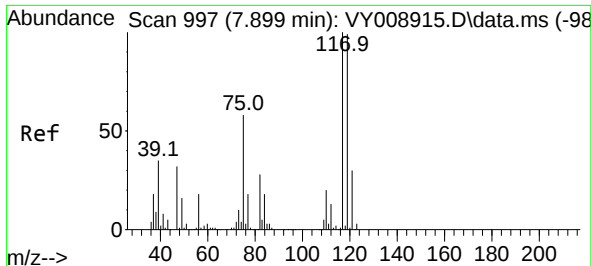
Tgt Ion:113 Resp: 74753
Ion Ratio Lower Upper
113 100
111 103.4 82.6 124.0
192 19.1 17.6 26.4



#36
1,1-Dichloropropene
Concen: 4.675 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.128 min
Lab File: VY008947.D
Acq: 21 May 2022 14:16

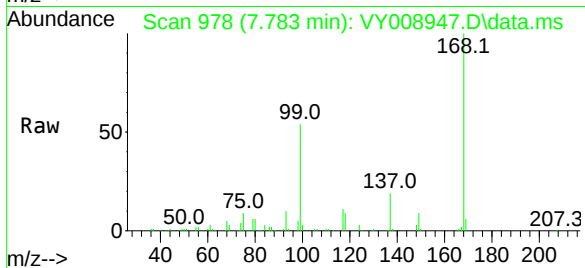
Tgt Ion: 75 Resp: 11650
Ion Ratio Lower Upper
75 100
110 7.9 17.1 51.2#
77 0.2 24.4 36.6#



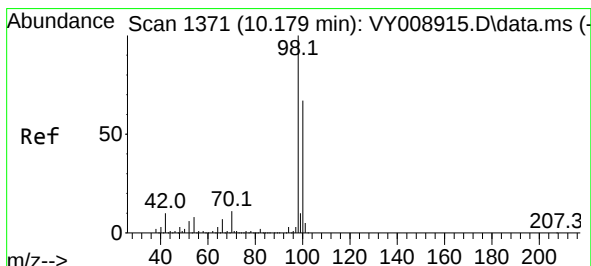
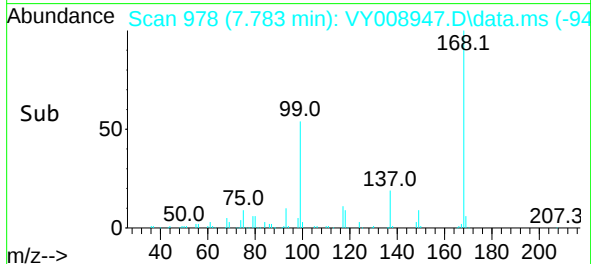
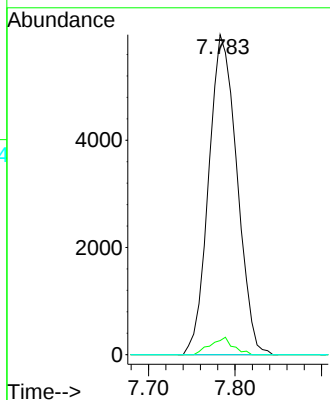


#38
Carbon Tetrachloride
Concen: 5.196 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY008947.D
Acq: 21 May 2022 14:16

Instrument :
MSVOA_Y
ClientSampleId :
P013-SS002-1824-01

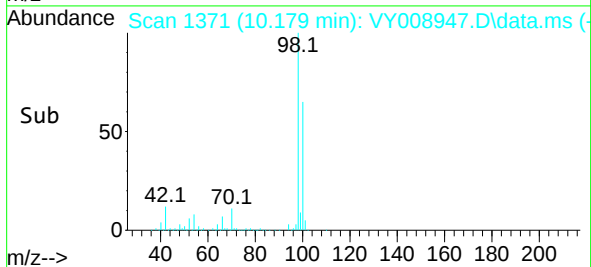
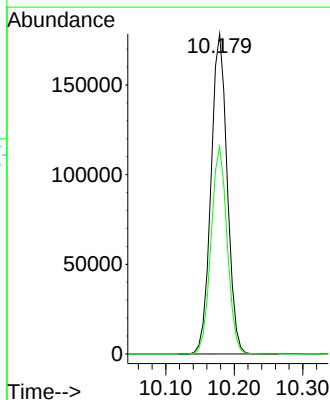
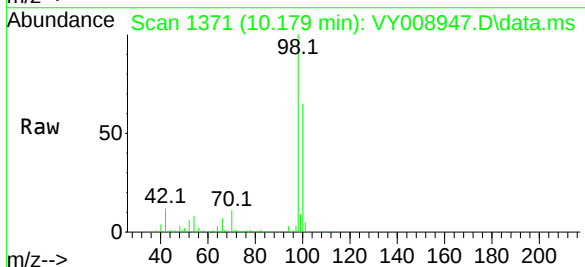


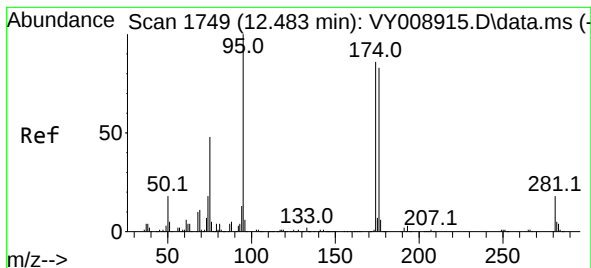
Tgt Ion:117 Resp: 13547
Ion Ratio Lower Upper
117 100
119 4.4 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 54.207 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY008947.D
Acq: 21 May 2022 14:16

Tgt Ion: 98 Resp: 292848
Ion Ratio Lower Upper
98 100
100 64.6 50.2 75.2

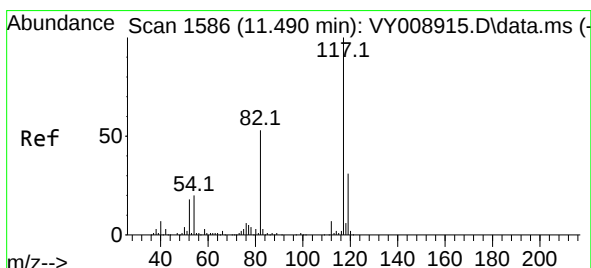
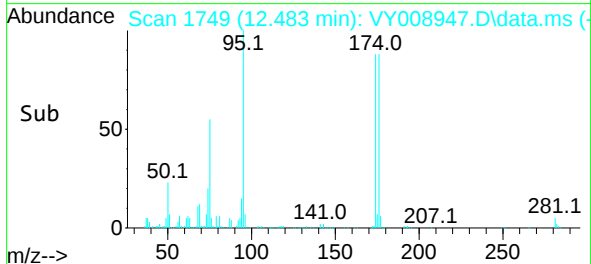
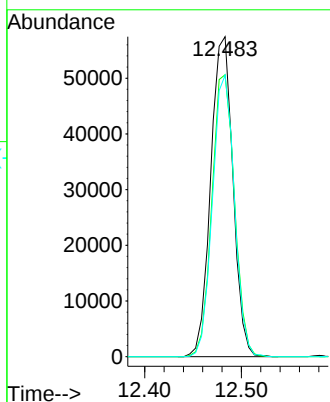
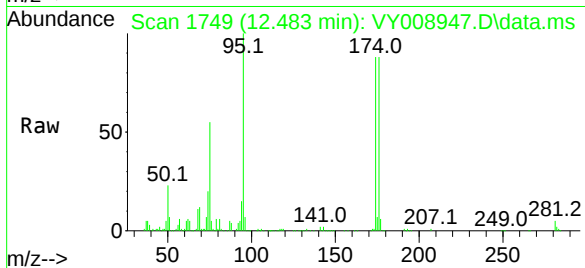




#62
4-Bromofluorobenzene
Concen: 42.004 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY008947.D
Acq: 21 May 2022 14:16

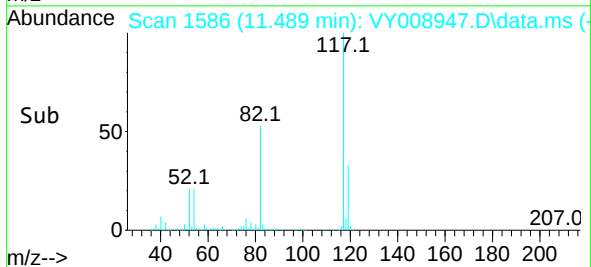
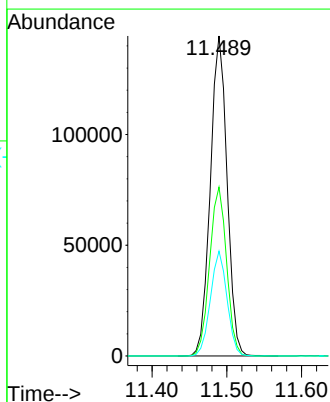
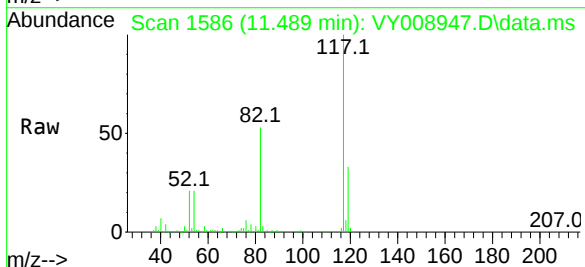
Instrument :
MSVOA_Y
ClientSampleId :
P013-SS002-1824-01

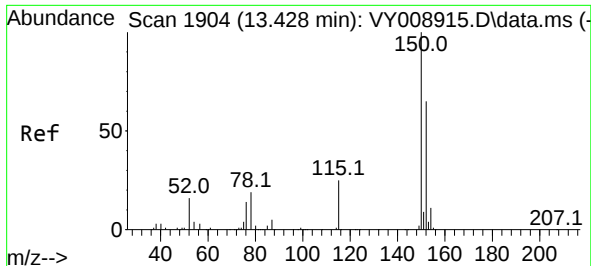
Tgt Ion: 95 Resp: 91537
Ion Ratio Lower Upper
95 100
174 89.3 0.0 177.0
176 86.7 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.001 min
Lab File: VY008947.D
Acq: 21 May 2022 14:16

Tgt Ion: 117 Resp: 225086
Ion Ratio Lower Upper
117 100
82 52.7 43.0 64.4
119 32.7 25.4 38.0

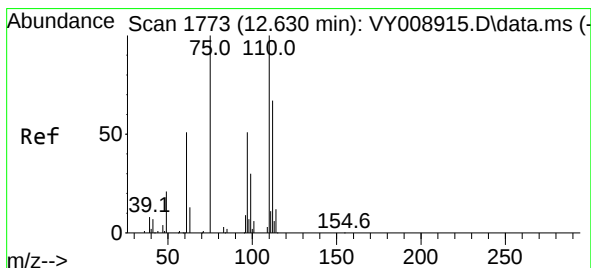
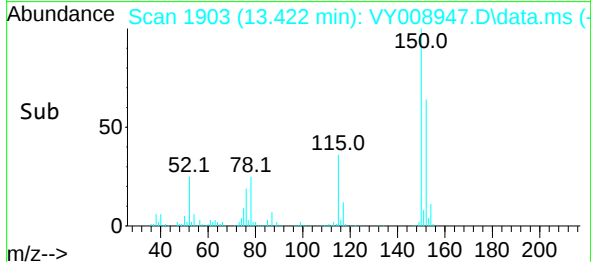
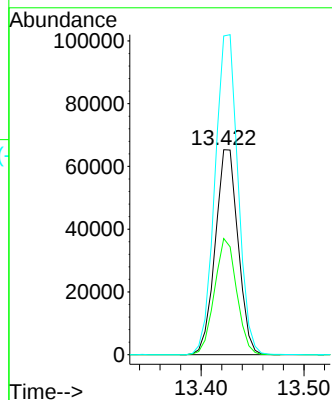
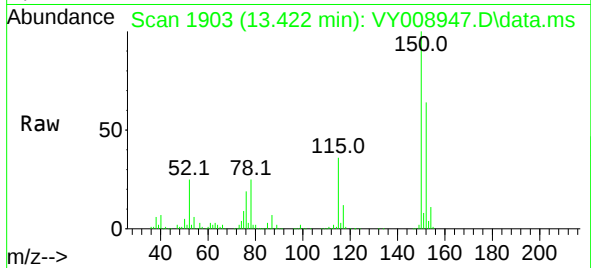




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1904
 Delta R.T. -0.006 min
 Lab File: VY008947.D
 Acq: 21 May 2022 14:16

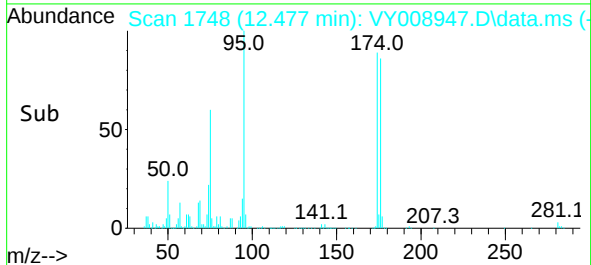
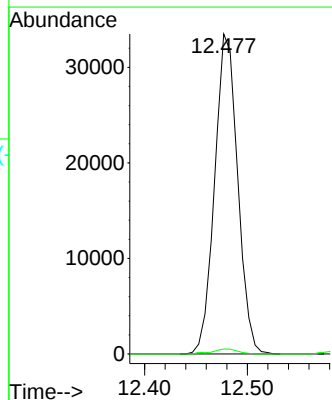
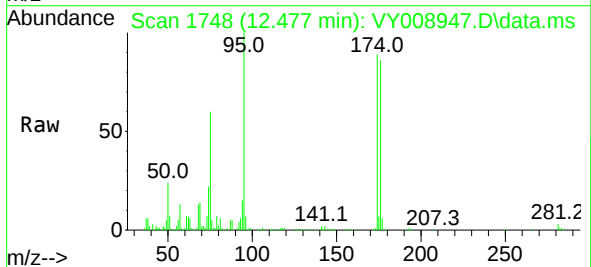
Instrument :
 MSVOA_Y
 ClientSampleId :
 P013-SS002-1824-01

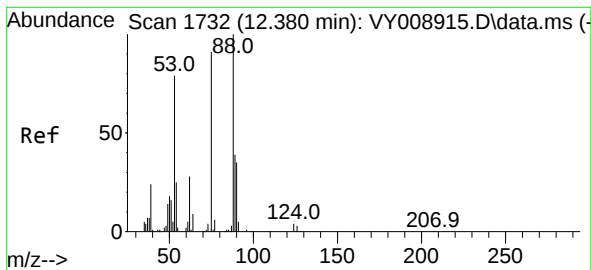
Tgt Ion:152 Resp: 100645
 Ion Ratio Lower Upper
 152 100
 115 55.2 28.2 84.7
 150 157.6 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 48.155 ug/l
 RT: 12.477 min Scan# 1748
 Delta R.T. -0.153 min
 Lab File: VY008947.D
 Acq: 21 May 2022 14:16

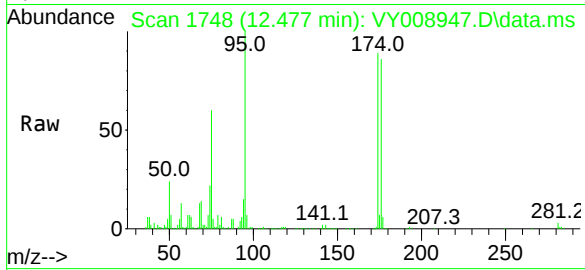
Tgt Ion: 75 Resp: 52046
 Ion Ratio Lower Upper
 75 100
 77 1.7 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 98.838 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.097 min
 Lab File: VY008947.D
 Acq: 21 May 2022 14:16

Instrument :
 MSVOA_Y
 ClientSampleId :
 P013-SS002-1824-01



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

