

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052122\
 Data File : VY008959.D
 Acq On : 21 May 2022 18:57
 Operator : KP/MD
 Sample : N2888-07
 Misc : 5.73g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 P042-SS001-1218-01

Quant Time: May 21 21:32:07 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)

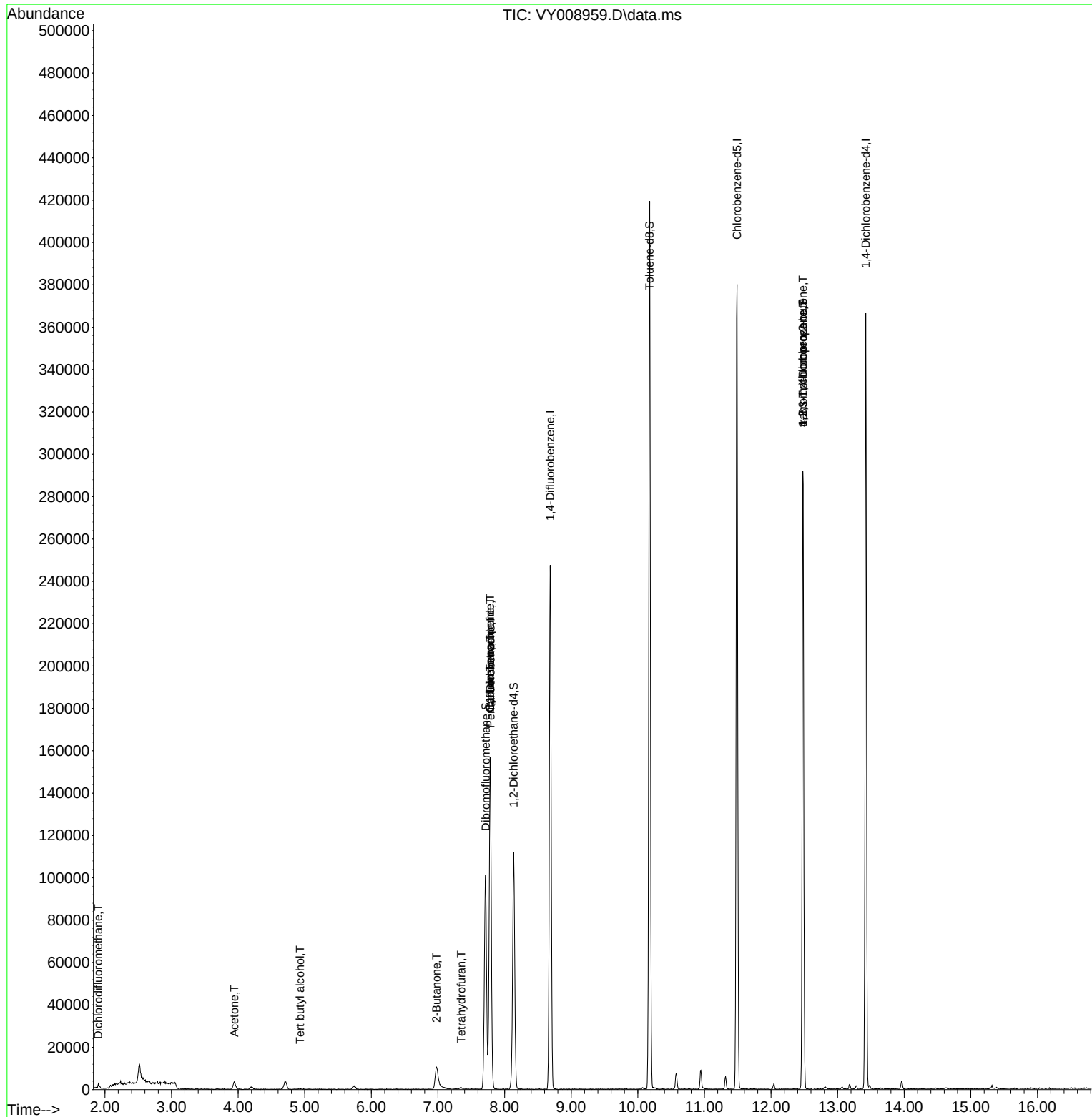
Internal Standards						
1) Pentafluorobenzene	7.789	168	114686	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	207580	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	199295	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	85621	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	80223	67.967	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 135.940%	
35) Dibromofluoromethane	7.716	113	67865	52.575	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 105.160%	
50) Toluene-d8	10.179	98	259461	54.486	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 108.980%	
62) 4-Bromofluorobenzene	12.477	95	75672	39.393	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 78.780%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.900	85	1297	1.236	ug/l	95
11) Tert butyl alcohol	4.930	59	461	3.851	ug/l #	77
16) Acetone	3.942	43	5824	23.704	ug/l	92
20) Methylene Chloride	4.704	84	2647	Below Cal	#	70
25) 2-Butanone	6.978	43	1041	2.372	ug/l #	87
29) Tetrahydrofuran	7.350	42	425	1.426	ug/l #	69
31) Cyclohexane	7.783	56	2892	1.252	ug/l #	1
36) 1,1-Dichloropropene	7.783	75	9712	4.421	ug/l #	50
38) Carbon Tetrachloride	7.783	117	11943	5.197	ug/l #	16
76) 1,2,3-Trichloropropane	12.477	75	44048	47.906	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	44048	98.327	ug/l #	7

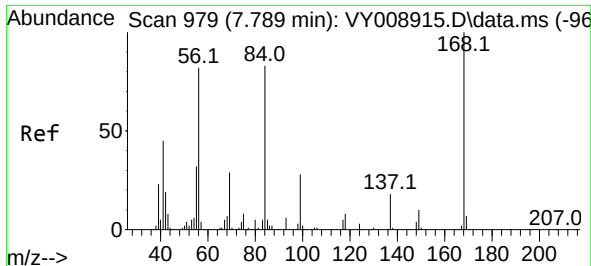
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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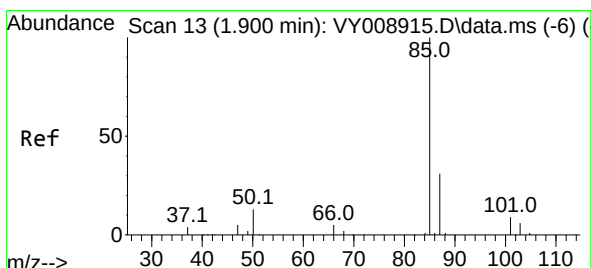
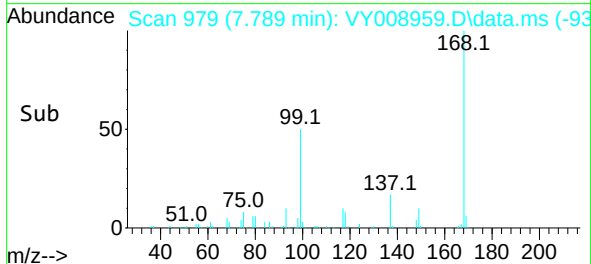
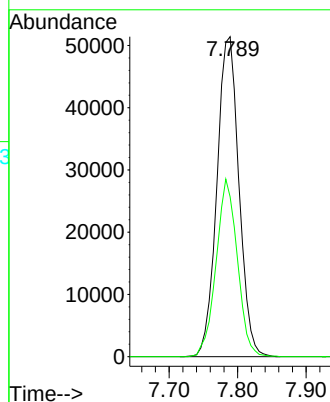
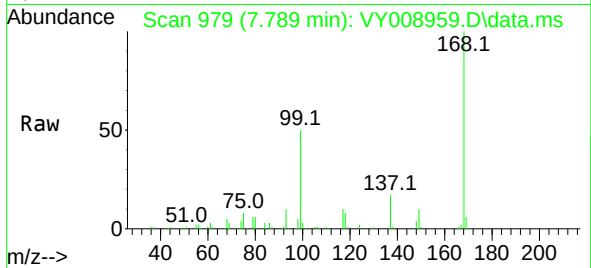




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008959.D
Acq: 21 May 2022 18:57

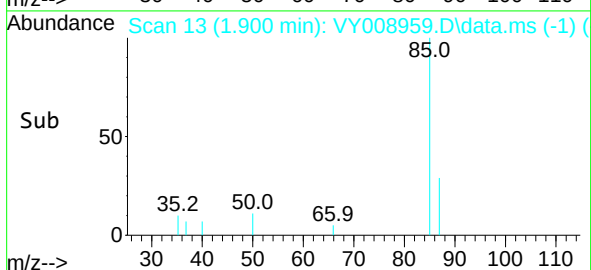
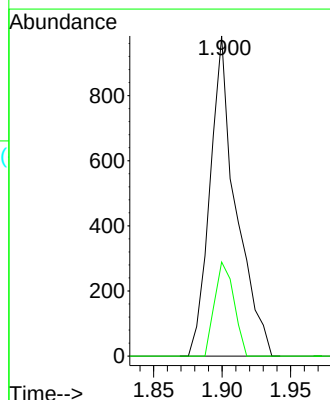
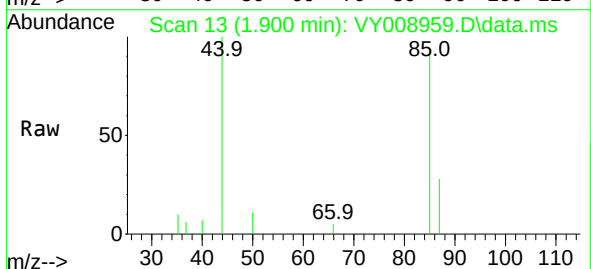
Instrument :
MSVOA_Y
ClientSampleId :
P042-SS001-1218-01

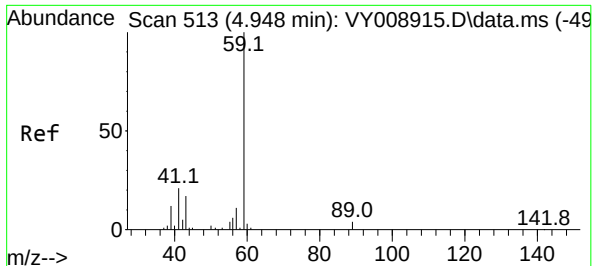
Tgt Ion:168 Resp: 114686
Ion Ratio Lower Upper
168 100
99 49.9 46.9 70.3



#2
Dichlorodifluoromethane
Concen: 1.236 ug/l
RT: 1.900 min Scan# 13
Delta R.T. -0.000 min
Lab File: VY008959.D
Acq: 21 May 2022 18:57

Tgt Ion: 85 Resp: 1297
Ion Ratio Lower Upper
85 100
87 29.4 16.1 48.2





#11

Tert butyl alcohol

Concen: 3.851 ug/l

RT: 4.930 min Scan# 51

Delta R.T. -0.018 min

Lab File: VY008959.D

Acq: 21 May 2022 18:57

Instrument :

MSVOA_Y

ClientSampleId :

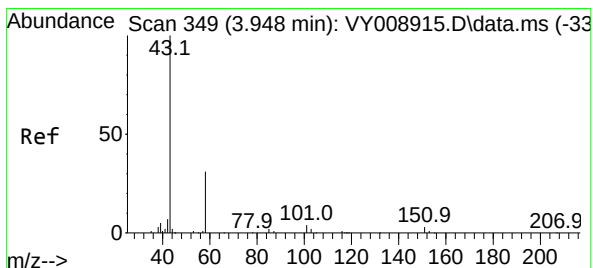
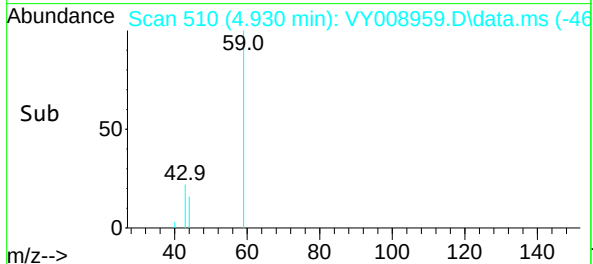
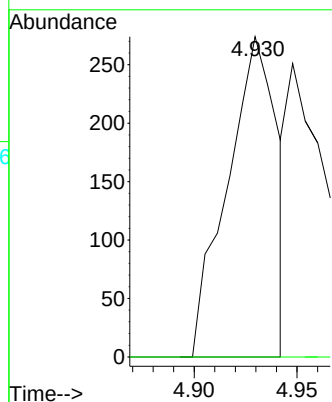
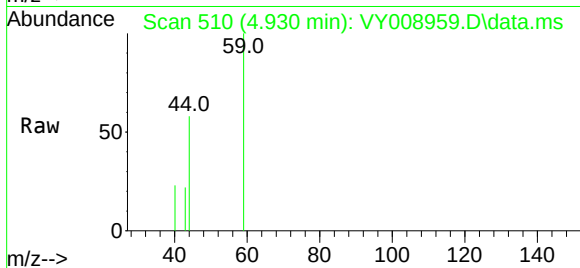
P042-SS001-1218-01

Tgt Ion: 59 Resp: 461

Ion Ratio Lower Upper

59 100

57 0.0 6.4 9.6#



#16

Acetone

Concen: 23.704 ug/l

RT: 3.942 min Scan# 348

Delta R.T. -0.006 min

Lab File: VY008959.D

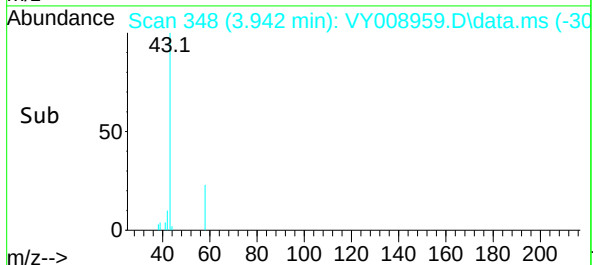
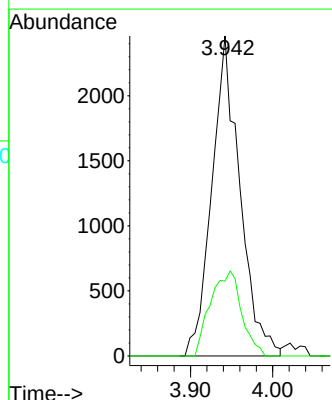
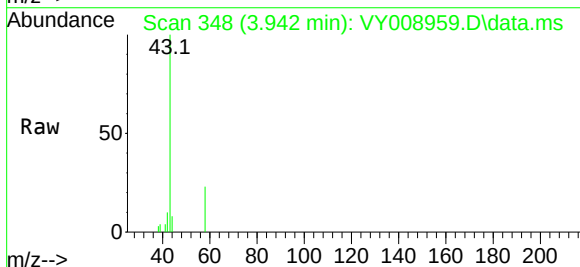
Acq: 21 May 2022 18:57

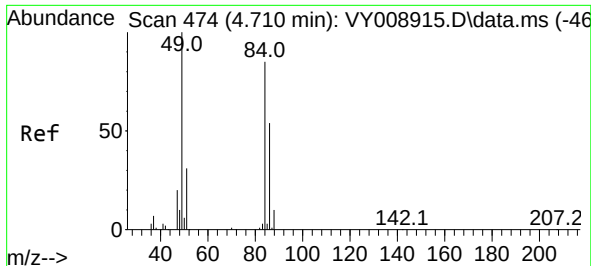
Tgt Ion: 43 Resp: 5824

Ion Ratio Lower Upper

43 100

58 23.4 22.0 33.0

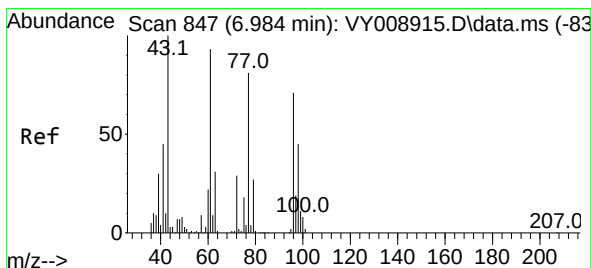
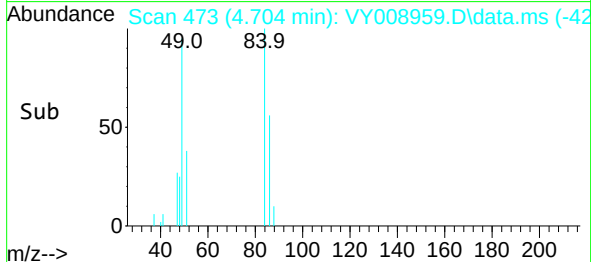
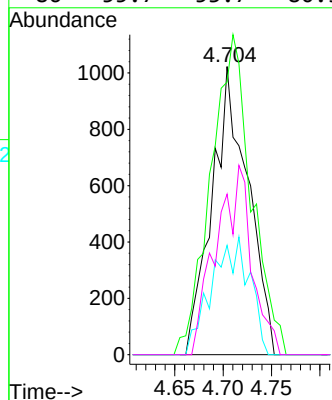
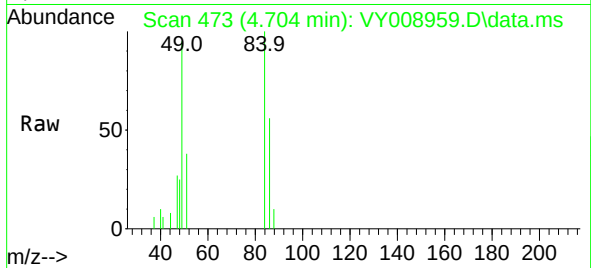




#20
Methylene Chloride
Concen: Below Cal
RT: 4.704 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY008959.D
Acq: 21 May 2022 18:57

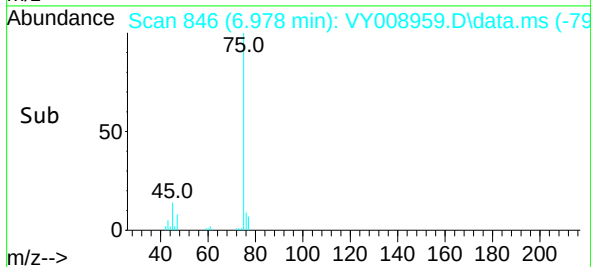
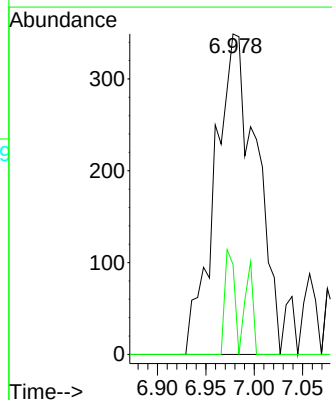
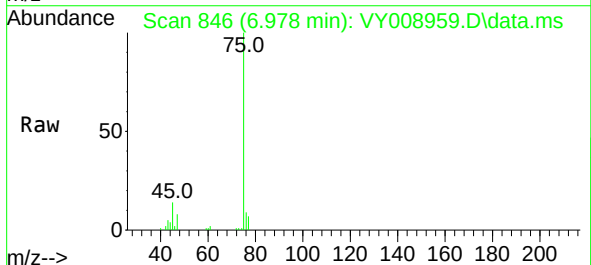
Instrument :
MSVOA_Y
ClientSampleId :
P042-SS001-1218-01

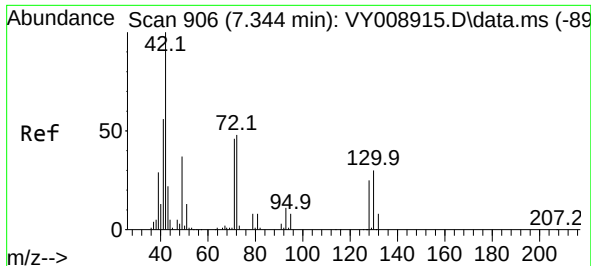
Tgt Ion:	84	Resp:	2647
Ion	Ratio	Lower	Upper
84	100		
49	88.7	114.4	171.6#
51	37.9	35.3	52.9
86	55.7	53.7	80.5



#25
2-Butanone
Concen: 2.372 ug/l
RT: 6.978 min Scan# 846
Delta R.T. -0.006 min
Lab File: VY008959.D
Acq: 21 May 2022 18:57

Tgt Ion:	43	Resp:	1041
Ion	Ratio	Lower	Upper
43	100		
72	28.1	17.7	26.5#





#29

Tetrahydrofuran

Concen: 1.426 ug/l

RT: 7.350 min Scan# 906

Delta R.T. 0.006 min

Lab File: VY008959.D

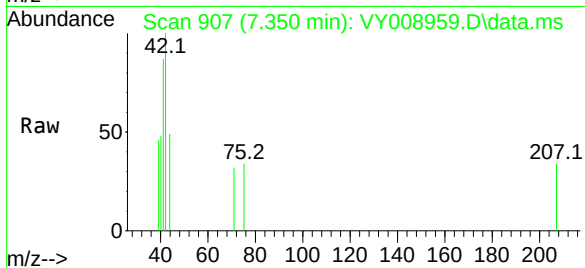
Acq: 21 May 2022 18:57

Instrument :

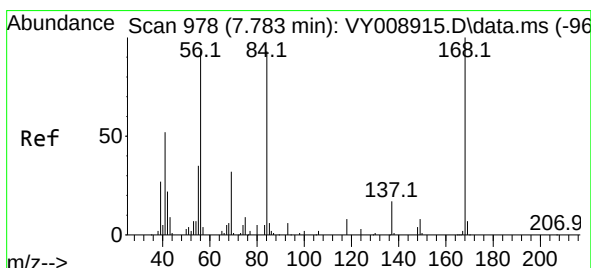
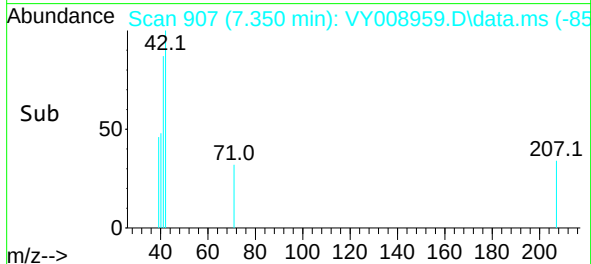
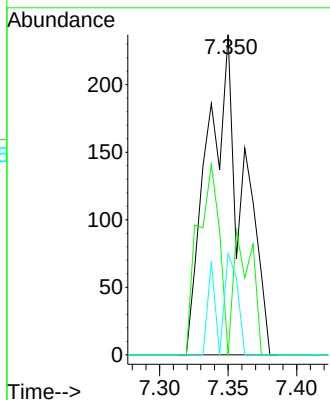
MSVOA_Y

ClientSampleId :

P042-SS001-1218-01



Tgt Ion:	42	Resp:	425
Ion	Ratio	Lower	Upper
42	100		
72	19.8	30.3	45.5#
71	17.4	29.0	43.4#



#31

Cyclohexane

Concen: 1.252 ug/l

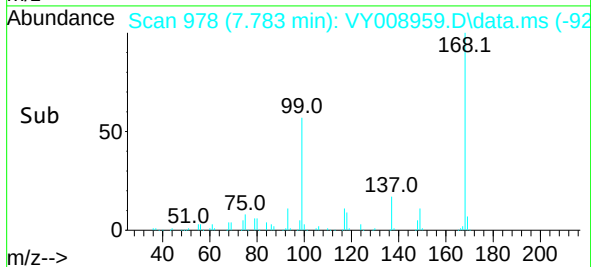
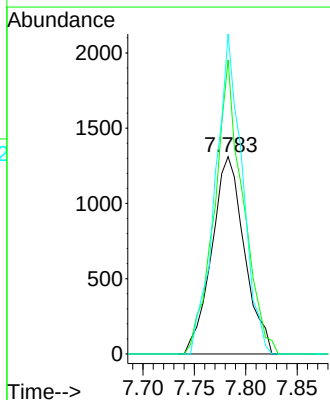
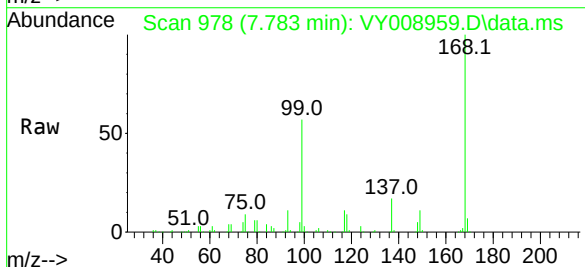
RT: 7.783 min Scan# 978

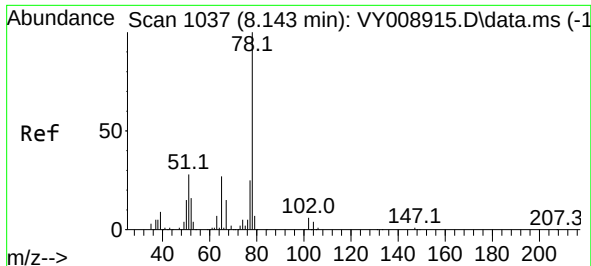
Delta R.T. -0.000 min

Lab File: VY008959.D

Acq: 21 May 2022 18:57

Tgt Ion:	56	Resp:	2892
Ion	Ratio	Lower	Upper
56	100		
69	149.0	26.7	40.1#
84	162.2	67.2	100.8#





#33

1,2-Dichloroethane-d4

Concen: 67.967 ug/l

RT: 8.136 min Scan# 1

Delta R.T. -0.007 min

Lab File: VY008959.D

Acq: 21 May 2022 18:57

Instrument :

MSVOA_Y

ClientSampleId :

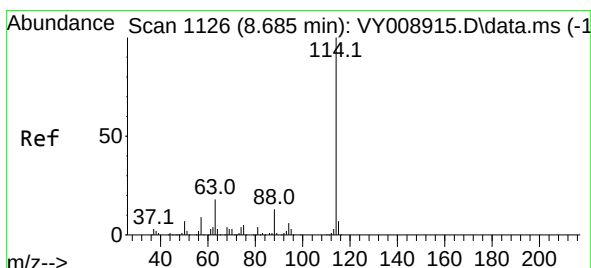
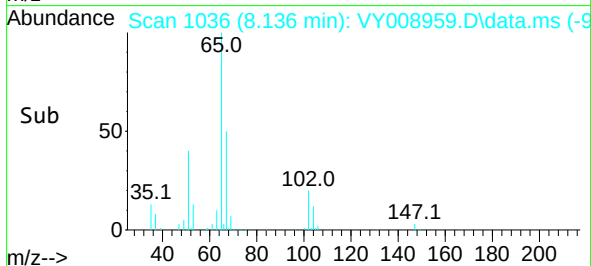
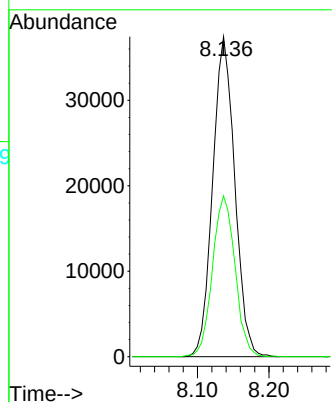
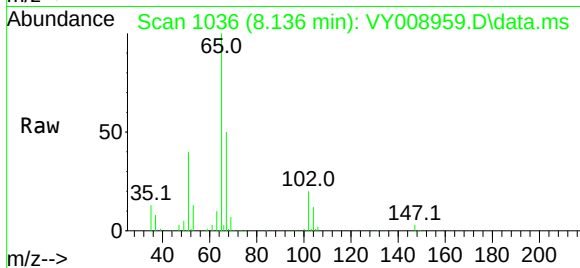
P042-SS001-1218-01

Tgt Ion: 65 Resp: 80223

Ion Ratio Lower Upper

65 100

67 51.3 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: VY008959.D

Acq: 21 May 2022 18:57

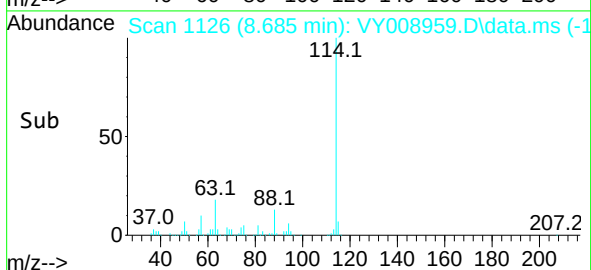
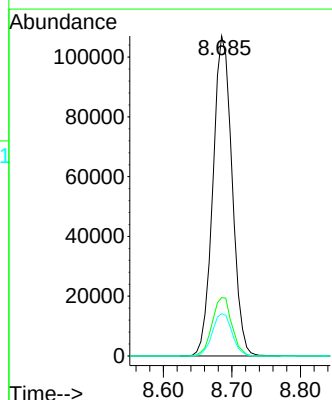
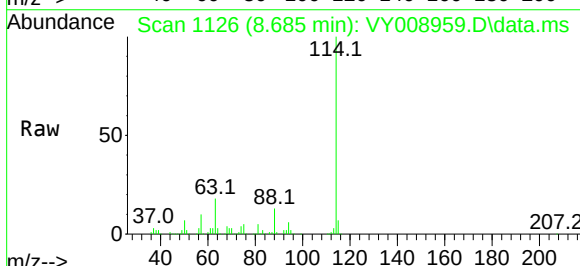
Tgt Ion: 114 Resp: 207580

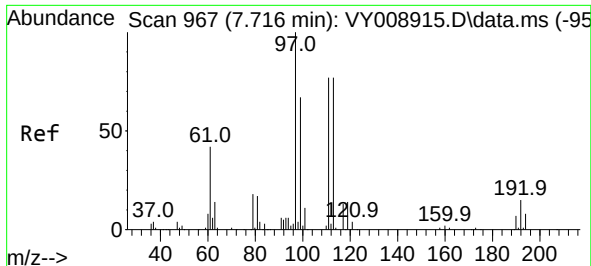
Ion Ratio Lower Upper

114 100

63 18.3 0.0 43.2

88 13.2 0.0 31.8

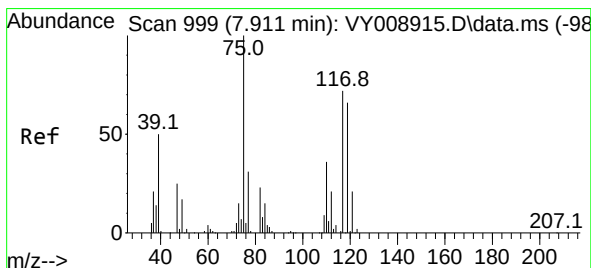
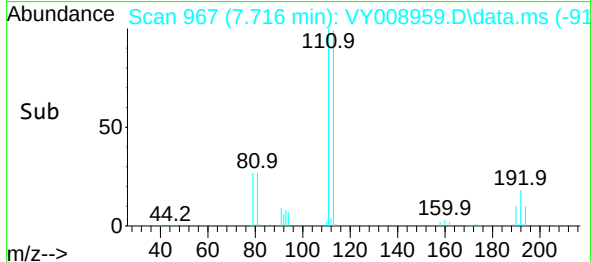
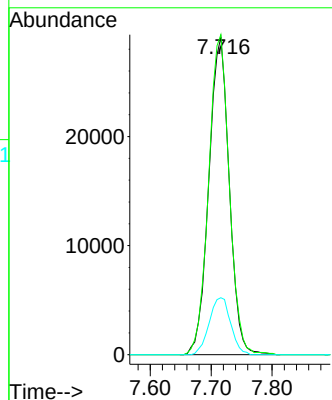
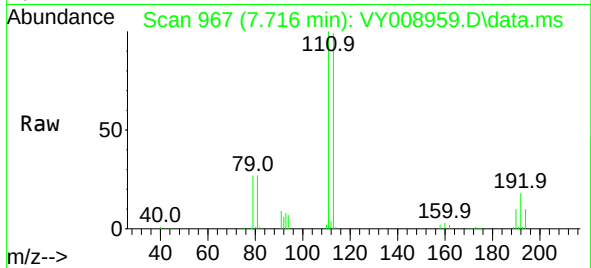




#35
Dibromofluoromethane
Concen: 52.575 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008959.D
Acq: 21 May 2022 18:57

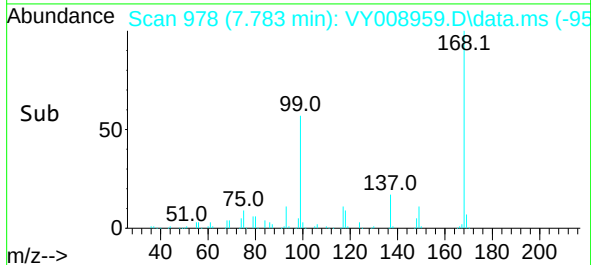
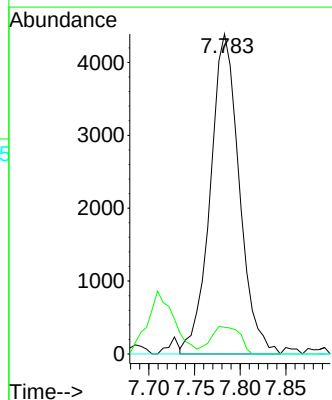
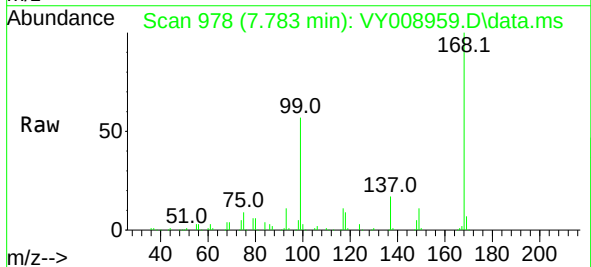
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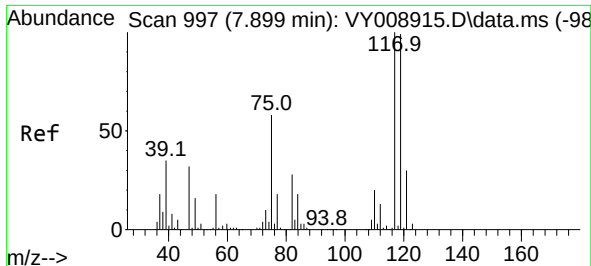
Tgt Ion:113 Resp: 67865
Ion Ratio Lower Upper
113 100
111 101.8 82.6 124.0
192 18.8 17.6 26.4



#36
1,1-Dichloropropene
Concen: 4.421 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.128 min
Lab File: VY008959.D
Acq: 21 May 2022 18:57

Tgt Ion: 75 Resp: 9712
Ion Ratio Lower Upper
75 100
110 8.6 17.1 51.2#
77 0.0 24.4 36.6#

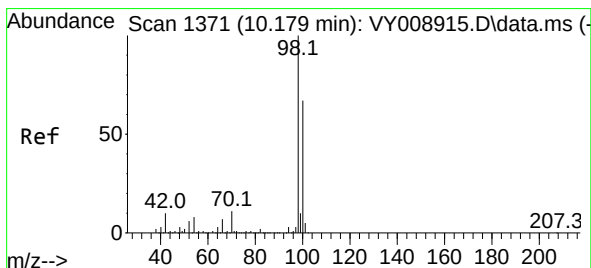
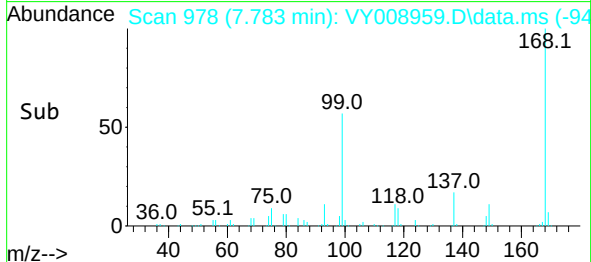
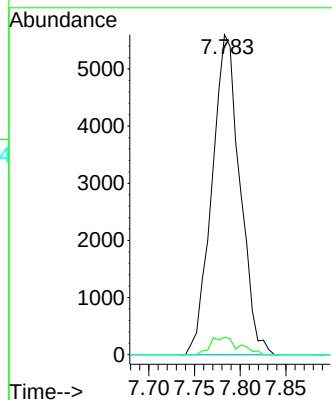
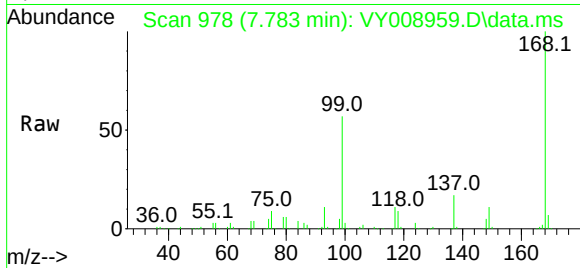




#38
Carbon Tetrachloride
Concen: 5.197 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY008959.D
Acq: 21 May 2022 18:57

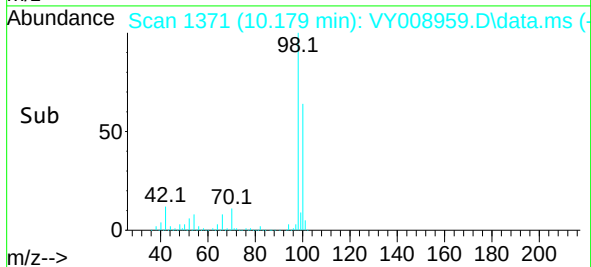
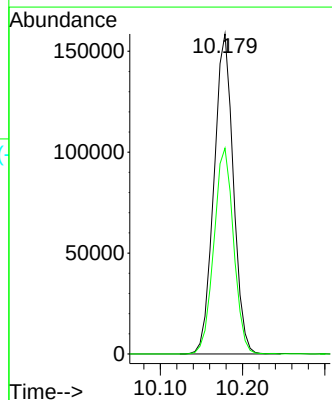
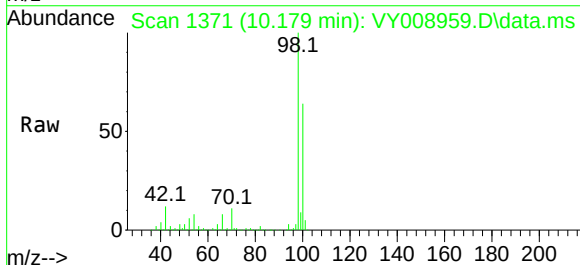
Instrument :
MSVOA_Y
ClientSampleId :
P042-SS001-1218-01

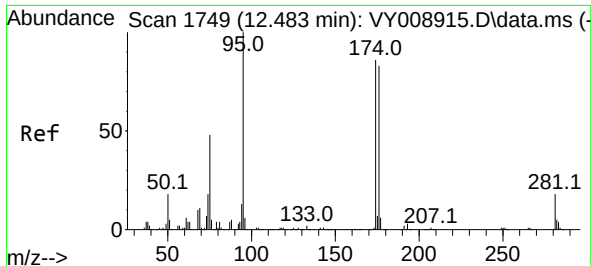
Tgt Ion:117 Resp: 11943
Ion Ratio Lower Upper
117 100
119 5.4 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 54.486 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY008959.D
Acq: 21 May 2022 18:57

Tgt Ion: 98 Resp: 259461
Ion Ratio Lower Upper
98 100
100 65.4 50.2 75.2

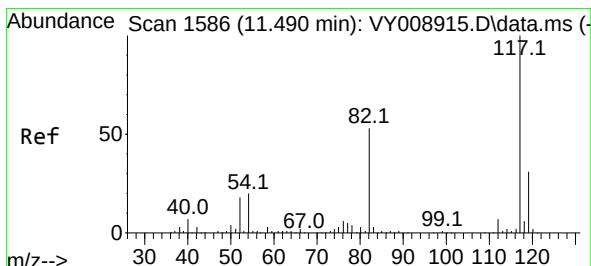
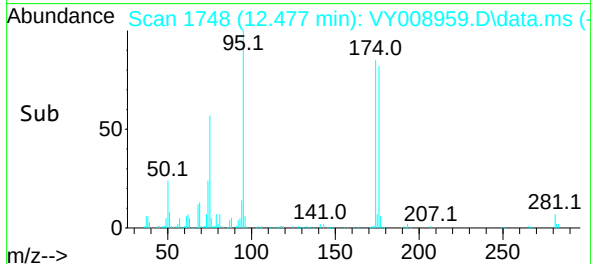
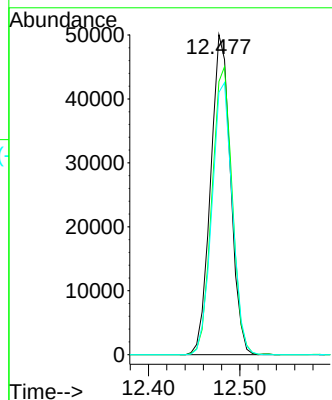
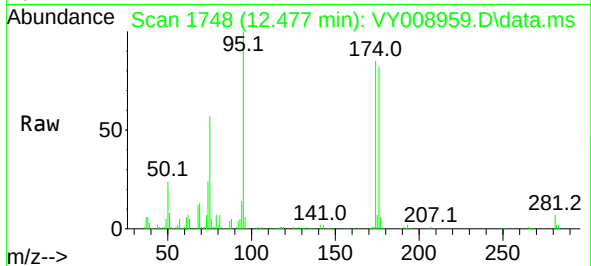




#62
4-Bromofluorobenzene
Concen: 39.393 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY008959.D
Acq: 21 May 2022 18:57

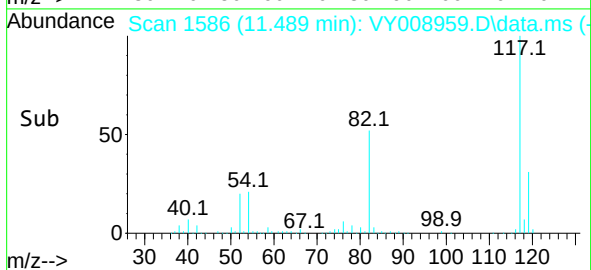
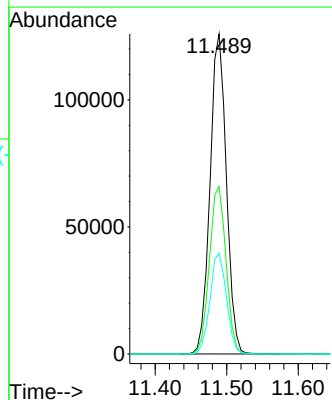
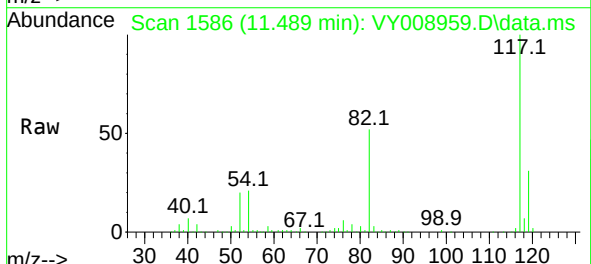
Instrument :
MSVOA_Y
ClientSampleId :
P042-SS001-1218-01

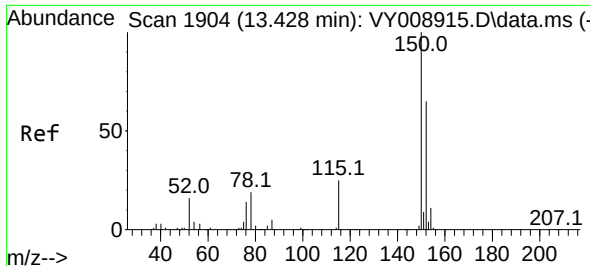
Tgt Ion: 95 Resp: 75672
Ion Ratio Lower Upper
95 100
174 91.4 0.0 177.0
176 87.2 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.001 min
Lab File: VY008959.D
Acq: 21 May 2022 18:57

Tgt Ion: 117 Resp: 199295
Ion Ratio Lower Upper
117 100
82 52.3 43.0 64.4
119 31.4 25.4 38.0

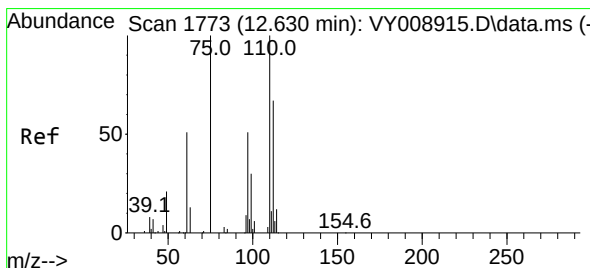
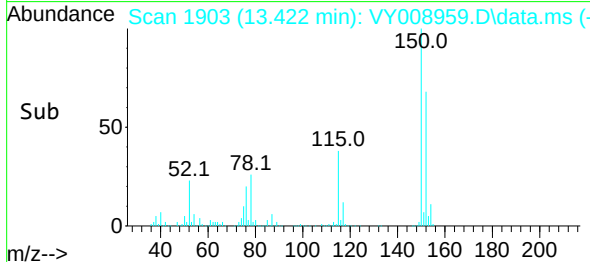
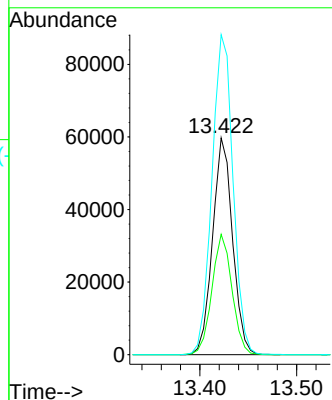
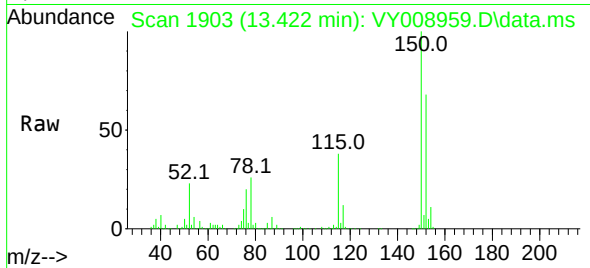




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1904
 Delta R.T. -0.006 min
 Lab File: VY008959.D
 Acq: 21 May 2022 18:57

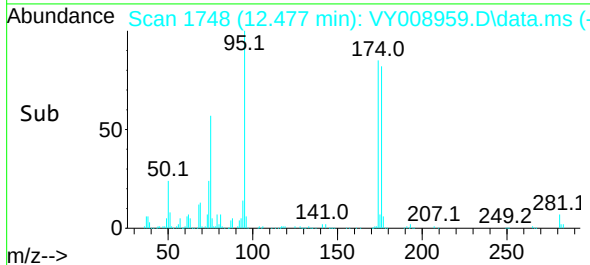
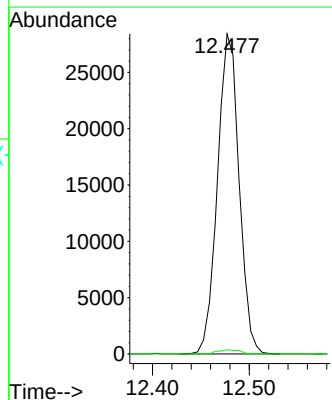
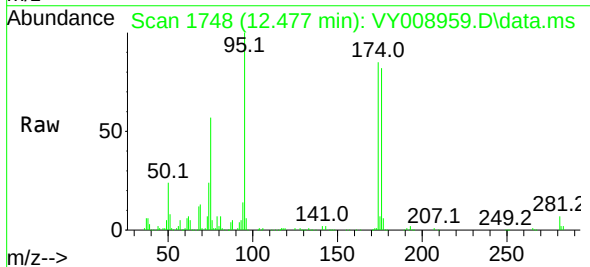
Instrument :
 MSVOA_Y
 ClientSampleId :
 P042-SS001-1218-01

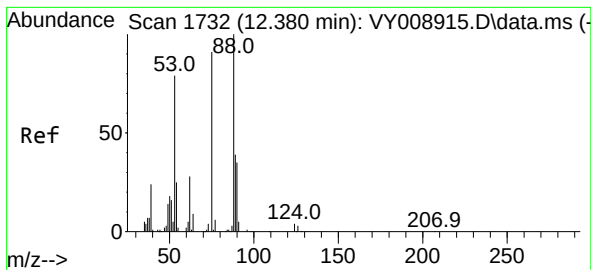
Tgt Ion:152 Resp: 85621
 Ion Ratio Lower Upper
 152 100
 115 55.7 28.2 84.7
 150 155.5 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 47.906 ug/l
 RT: 12.477 min Scan# 1748
 Delta R.T. -0.153 min
 Lab File: VY008959.D
 Acq: 21 May 2022 18:57

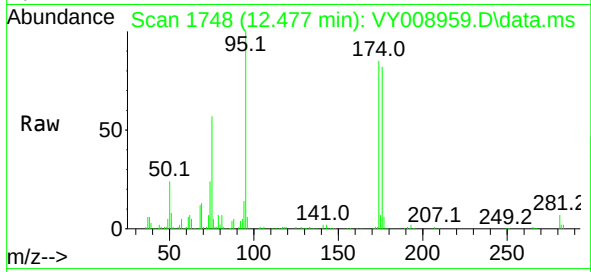
Tgt Ion: 75 Resp: 44048
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 98.327 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.097 min
 Lab File: VY008959.D
 Acq: 21 May 2022 18:57

Instrument :
 MSVOA_Y
 ClientSampleId :
 P042-SS001-1218-01



Tgt Ion	Ratio	Lower	Upper
75	100		
53	0.2	85.3	127.9#
89	0.0	37.0	55.4#

