

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052122\
 Data File : VY008942.D
 Acq On : 21 May 2022 12:19
 Operator : KP/MD
 Sample : N2919-24
 Misc : 4.07g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 P015-SS005-0006-01

Quant Time: May 21 21:28:35 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)

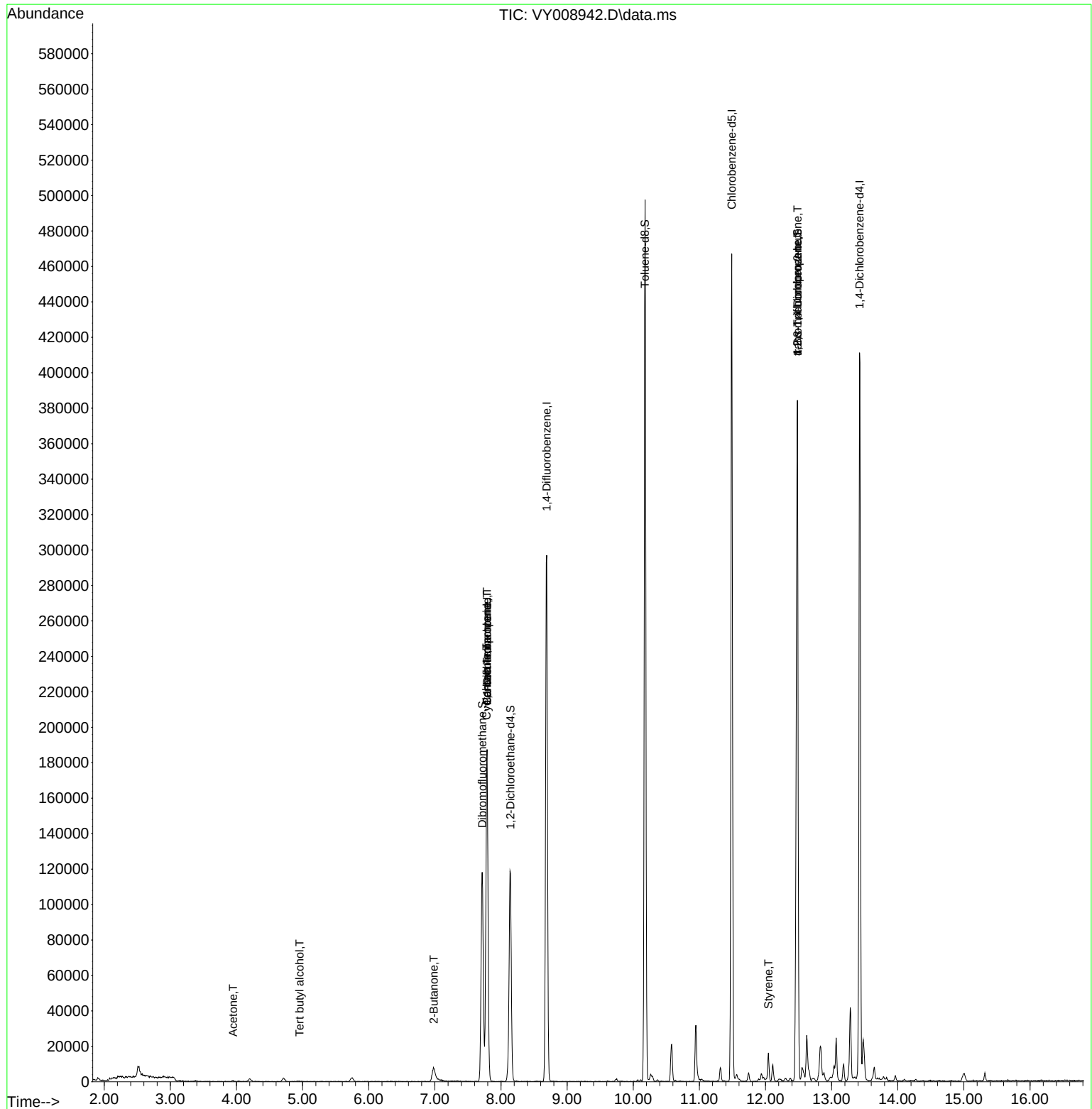
Internal Standards						
1) Pentafluorobenzene	7.789	168	142707	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	254739	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	240155	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	101328	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	88140	60.012	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 120.020%	
35) Dibromofluoromethane	7.716	113	81575	51.497	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 103.000%	
50) Toluene-d8	10.178	98	317575	54.343	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 108.680%	
62) 4-Bromofluorobenzene	12.483	95	96720	41.029	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 82.060%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.954	59	352	2.363	ug/l #	77
16) Acetone	3.948	43	1015	3.320	ug/l	96
20) Methylene Chloride	4.704	84	1244	Below Cal		97
25) 2-Butanone	6.984	43	583	1.068	ug/l #	54
31) Cyclohexane	7.783	56	3554	1.237	ug/l #	34
36) 1,1-Dichloropropene	7.789	75	12108	4.491	ug/l #	50
38) Carbon Tetrachloride	7.789	117	14773	5.239	ug/l #	14
70) Styrene	12.044	104	6899	1.071	ug/l #	84
76) 1,2,3-Trichloropropane	12.483	75	55746	51.231	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	55746	105.151	ug/l #	7

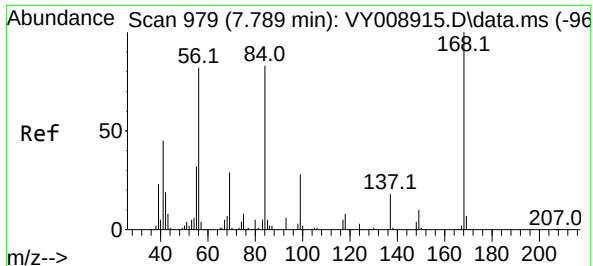
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052122\
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Quant Time: May 21 21:28:35 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

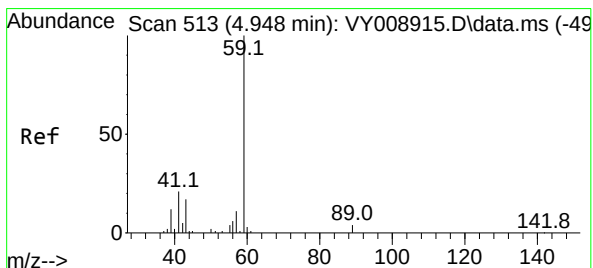
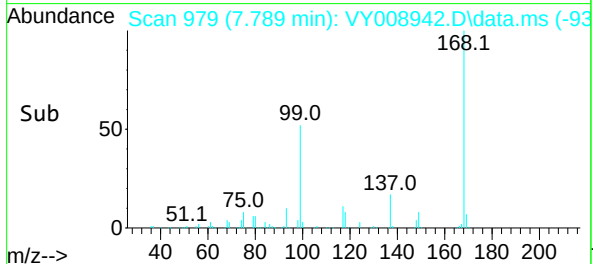
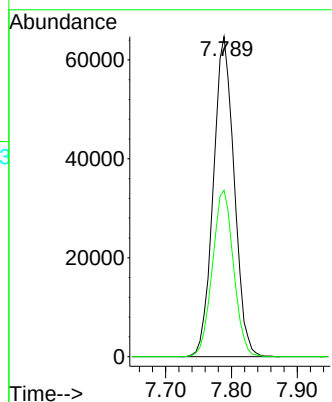
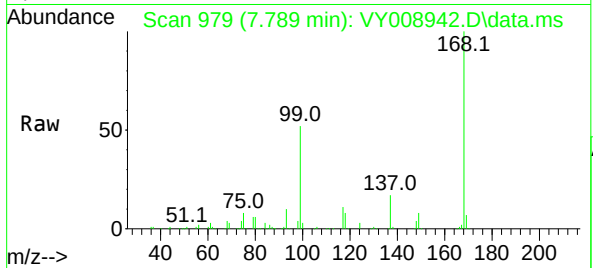




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008942.D
Acq: 21 May 2022 12:19

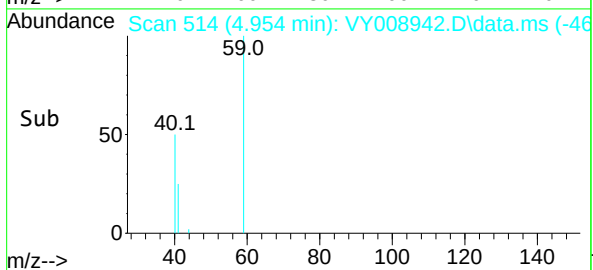
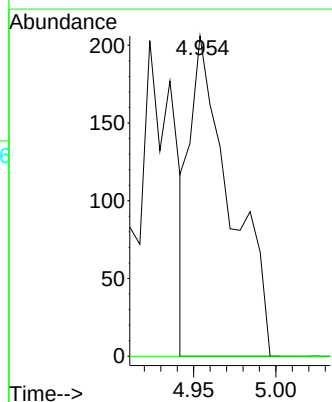
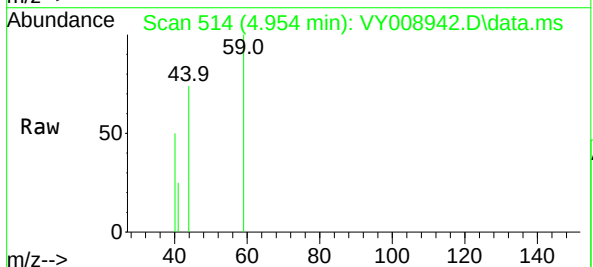
Instrument :
MSVOA_Y
ClientSampleId :
P015-SS005-0006-01

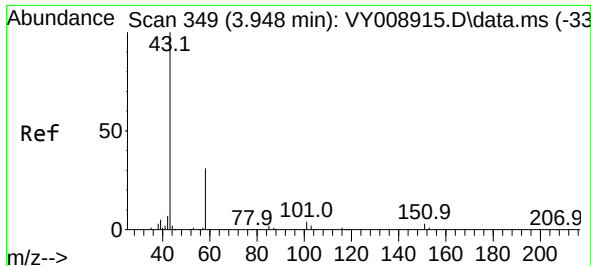
Tgt Ion:168 Resp: 142707
Ion Ratio Lower Upper
168 100
99 52.0 46.9 70.3



#11
Tert butyl alcohol
Concen: 2.363 ug/l
RT: 4.954 min Scan# 514
Delta R.T. 0.006 min
Lab File: VY008942.D
Acq: 21 May 2022 12:19

Tgt Ion: 59 Resp: 352
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#

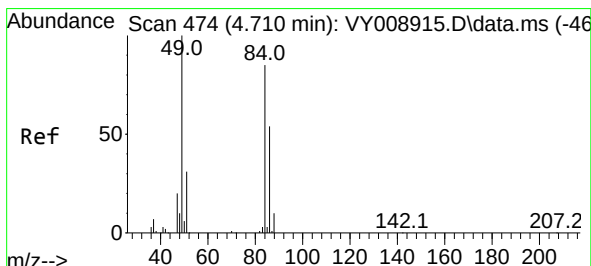
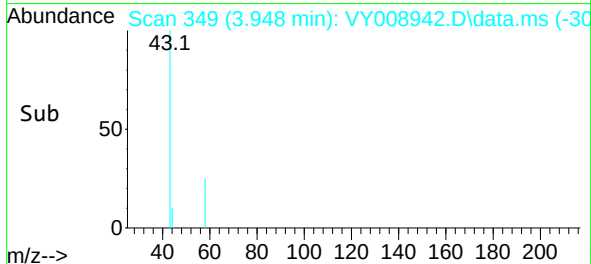
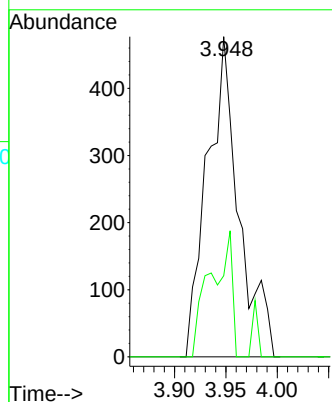
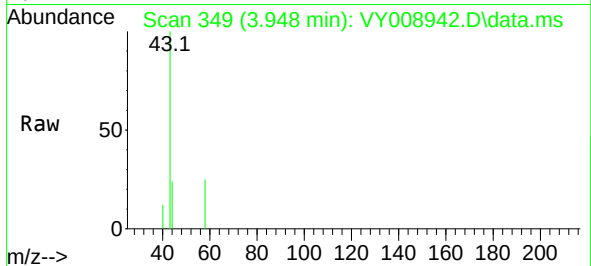




#16
Acetone
Concen: 3.320 ug/l
RT: 3.948 min Scan# 349
Delta R.T. -0.000 min
Lab File: VY008942.D
Acq: 21 May 2022 12:19

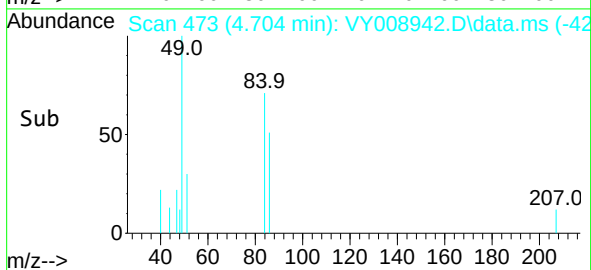
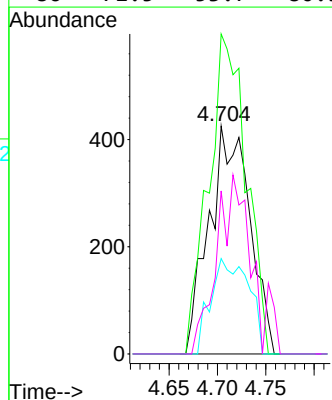
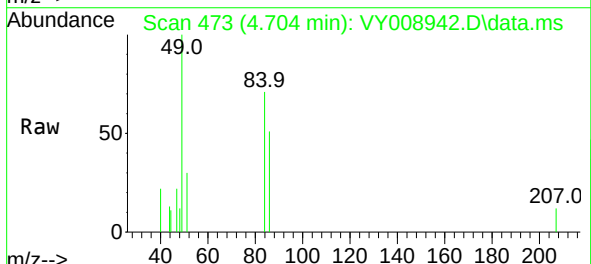
Instrument :
MSVOA_Y
ClientSampleId :
P015-SS005-0006-01

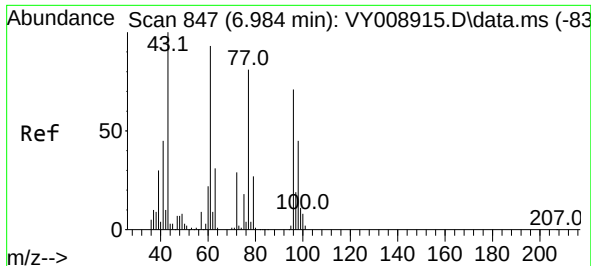
Tgt Ion: 43 Resp: 1015
Ion Ratio Lower Upper
43 100
58 25.4 22.0 33.0



#20
Methylene Chloride
Concen: Below Cal
RT: 4.704 min Scan# 473
Delta R.T. -0.006 min
Lab File: VY008942.D
Acq: 21 May 2022 12:19

Tgt Ion: 84 Resp: 1244
Ion Ratio Lower Upper
84 100
49 140.5 114.4 171.6
51 41.9 35.3 52.9
86 71.5 53.7 80.5





#25

2-Butanone

Concen: 1.068 ug/l

RT: 6.984 min Scan# 847

Delta R.T. -0.000 min

Lab File: VY008942.D

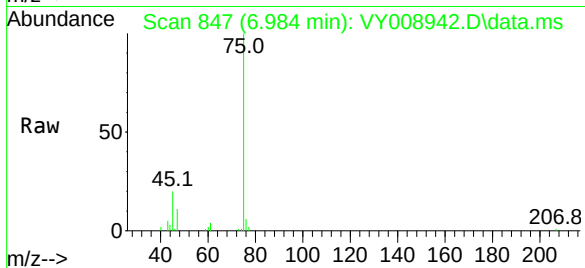
Acq: 21 May 2022 12:19

Instrument :

MSVOA_Y

ClientSampleId :

P015-SS005-0006-01

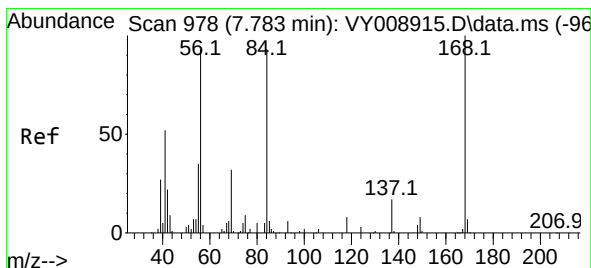
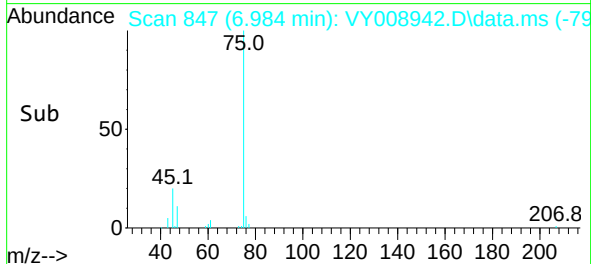
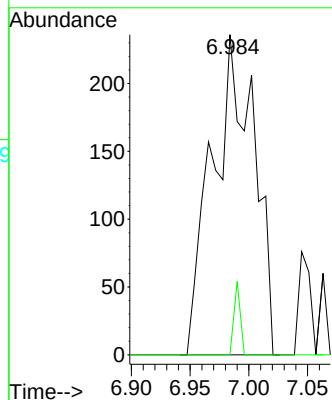


Tgt Ion: 43 Resp: 583

Ion Ratio Lower Upper

43 100

72 0.0 17.7 26.5#



#31

Cyclohexane

Concen: 1.237 ug/l

RT: 7.783 min Scan# 978

Delta R.T. -0.000 min

Lab File: VY008942.D

Acq: 21 May 2022 12:19

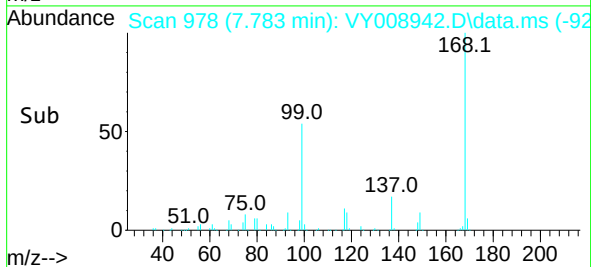
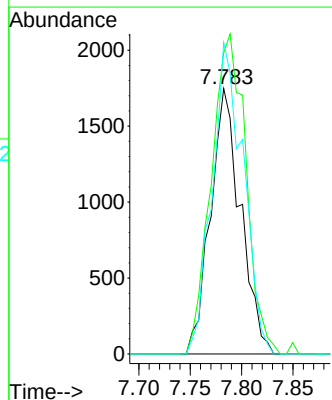
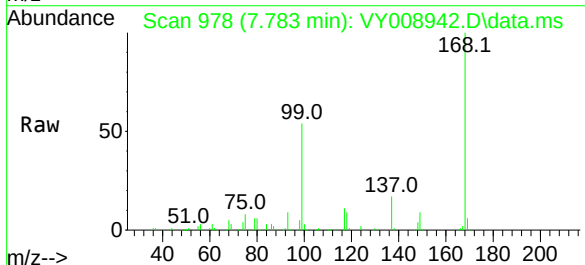
Tgt Ion: 56 Resp: 3554

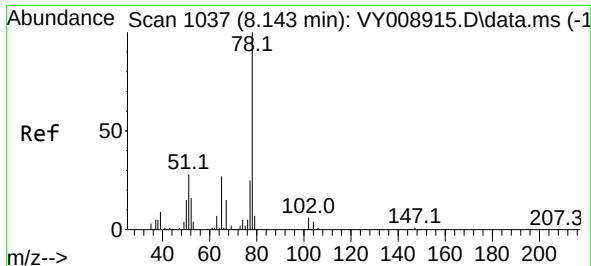
Ion Ratio Lower Upper

56 100

69 113.6 26.7 40.1#

84 117.3 67.2 100.8#





#33

1,2-Dichloroethane-d4

Concen: 60.012 ug/l

RT: 8.142 min Scan# 110

Delta R.T. -0.001 min

Lab File: VY008942.D

Acq: 21 May 2022 12:19

Instrument :

MSVOA_Y

ClientSampleId :

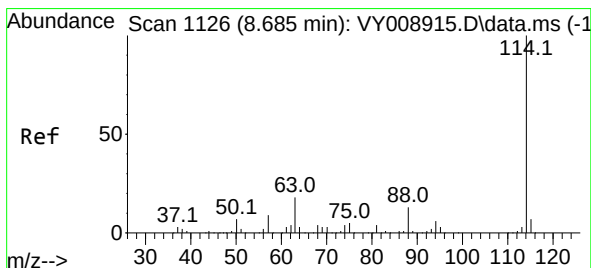
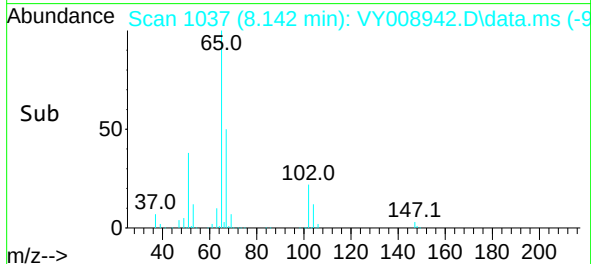
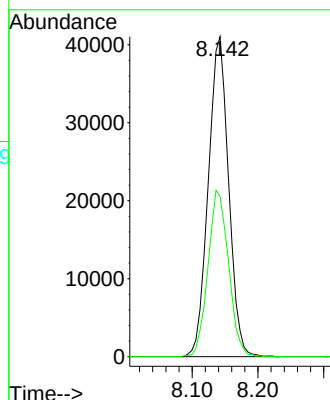
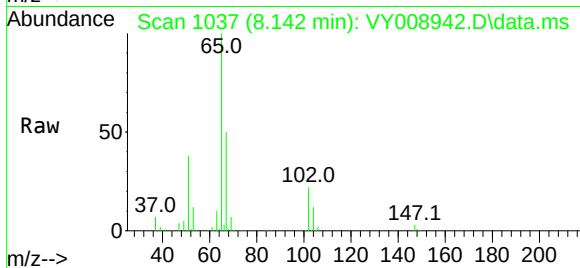
P015-SS005-0006-01

Tgt Ion: 65 Resp: 88140

Ion Ratio Lower Upper

65 100

67 52.6 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: VY008942.D

Acq: 21 May 2022 12:19

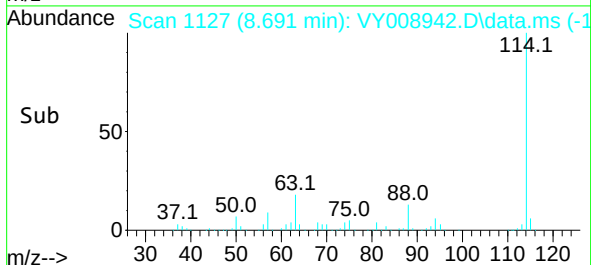
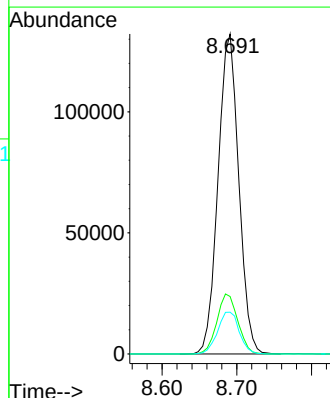
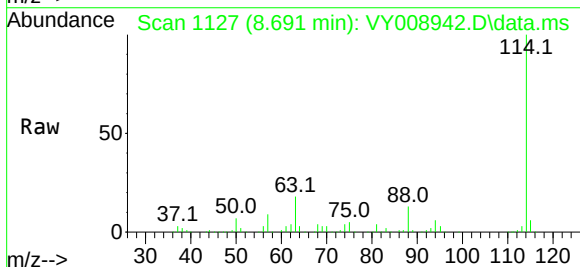
Tgt Ion: 114 Resp: 254739

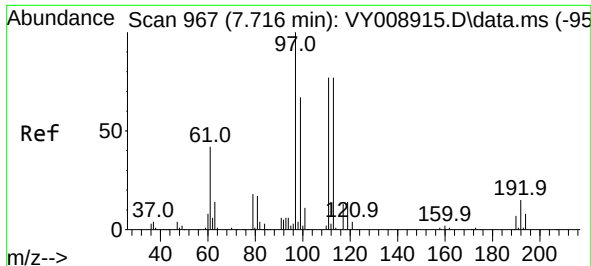
Ion Ratio Lower Upper

114 100

63 17.9 0.0 43.2

88 13.0 0.0 31.8

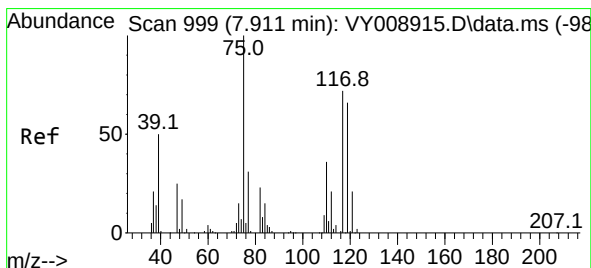
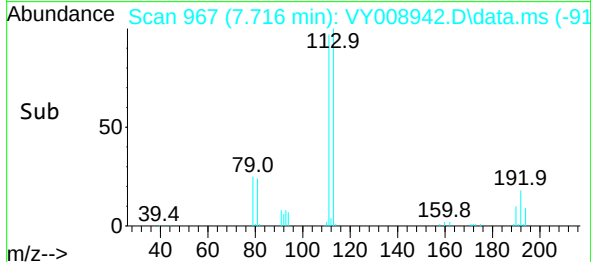
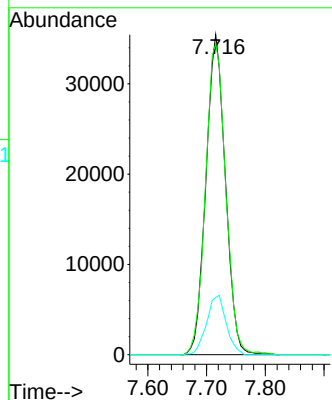
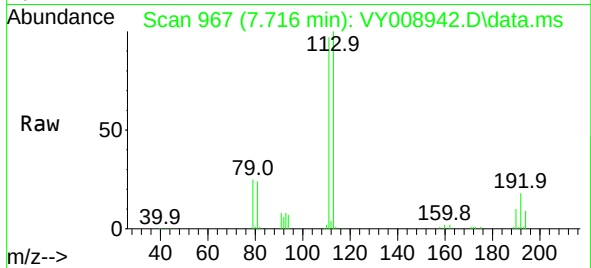




#35
Dibromofluoromethane
Concen: 51.497 ug/l
RT: 7.716 min Scan# 911
Delta R.T. -0.000 min
Lab File: VY008942.D
Acq: 21 May 2022 12:19

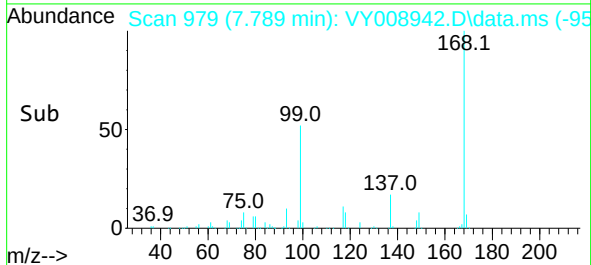
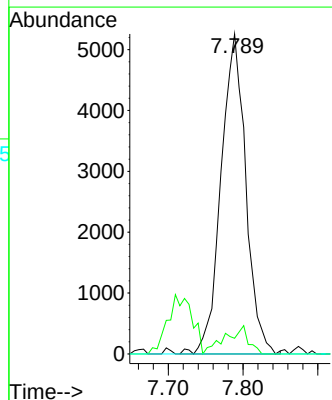
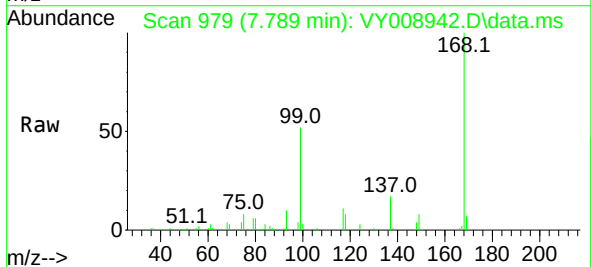
Instrument :
MSVOA_Y
ClientSampleId :
P015-SS005-0006-01

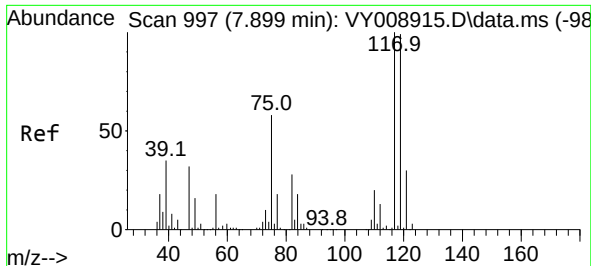
Tgt Ion:113 Resp: 81575
Ion Ratio Lower Upper
113 100
111 101.0 82.6 124.0
192 18.7 17.6 26.4



#36
1,1-Dichloropropene
Concen: 4.491 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.122 min
Lab File: VY008942.D
Acq: 21 May 2022 12:19

Tgt Ion: 75 Resp: 12108
Ion Ratio Lower Upper
75 100
110 7.9 17.1 51.2#
77 0.0 24.4 36.6#

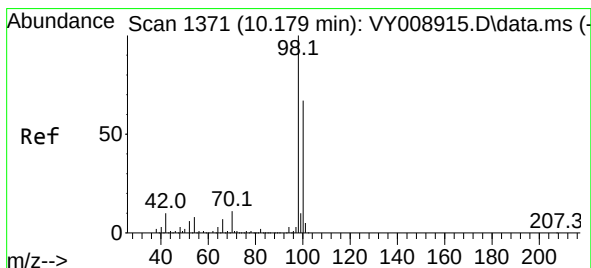
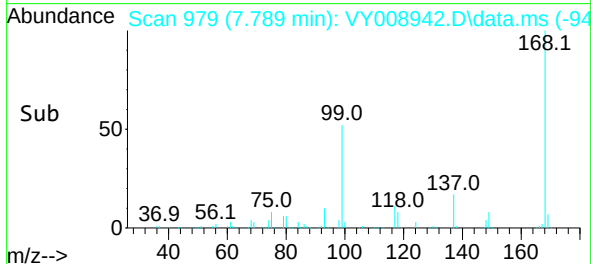
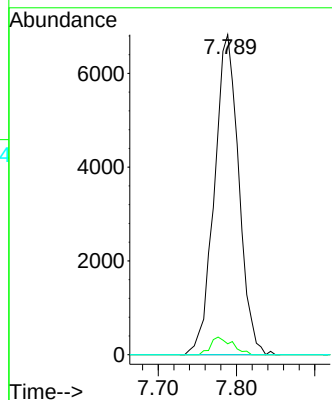
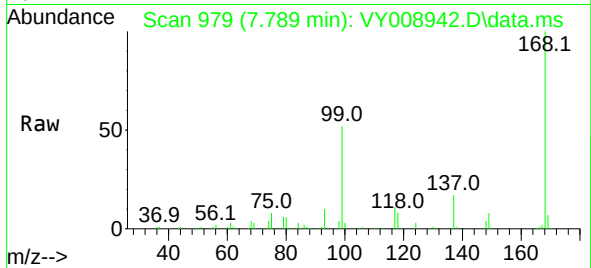




#38
Carbon Tetrachloride
Concen: 5.239 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY008942.D
Acq: 21 May 2022 12:19

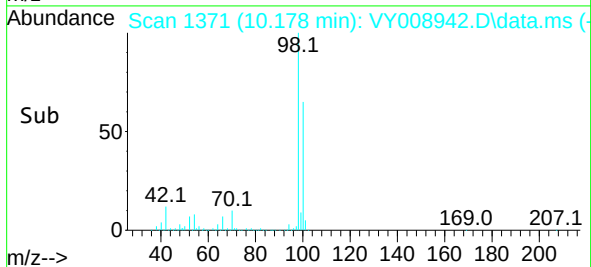
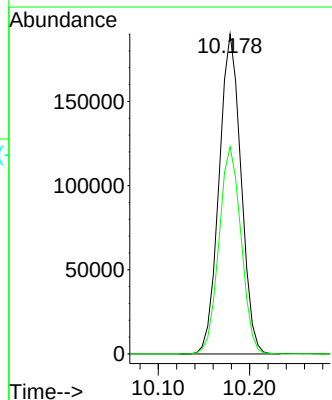
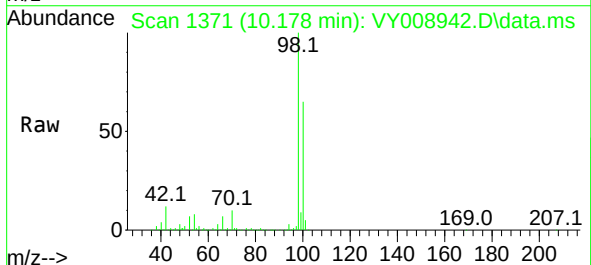
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ClientSampleId :
P015-SS005-0006-01

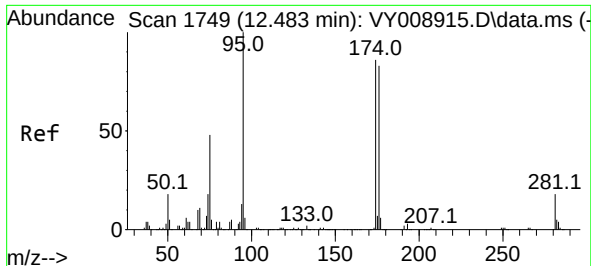
Tgt Ion:117 Resp: 14773
Ion Ratio Lower Upper
117 100
119 3.4 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 54.343 ug/l
RT: 10.178 min Scan# 1371
Delta R.T. -0.001 min
Lab File: VY008942.D
Acq: 21 May 2022 12:19

Tgt Ion: 98 Resp: 317575
Ion Ratio Lower Upper
98 100
100 65.0 50.2 75.2

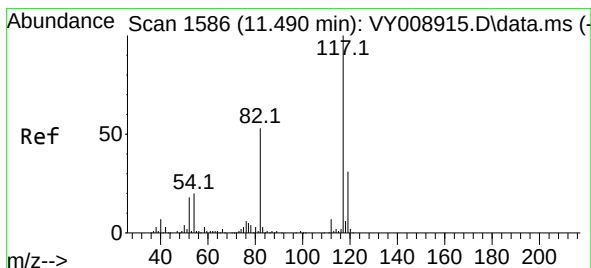
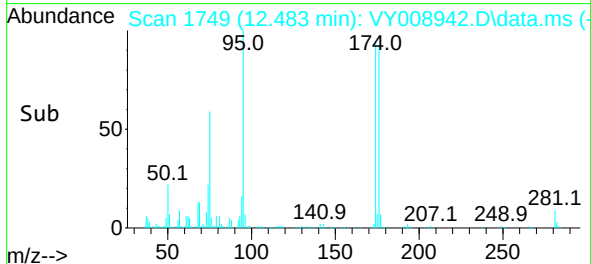
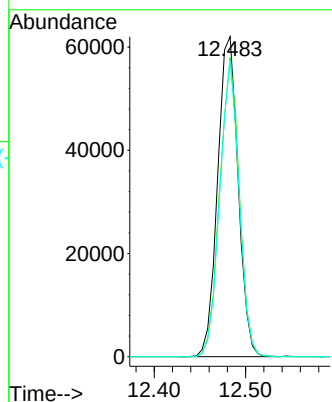
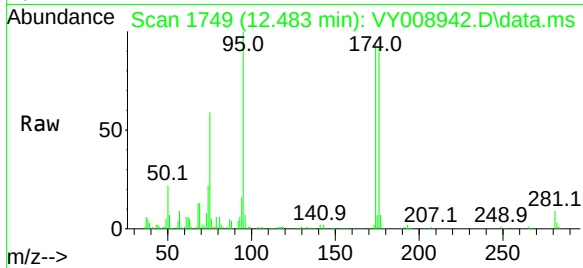




#62
4-Bromofluorobenzene
Concen: 41.029 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY008942.D
Acq: 21 May 2022 12:19

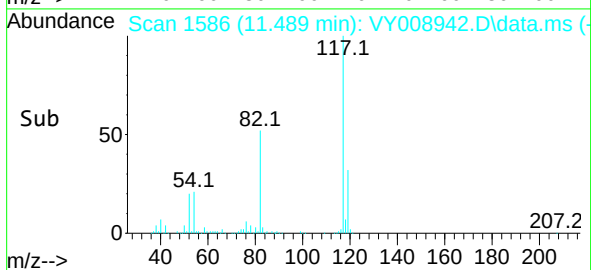
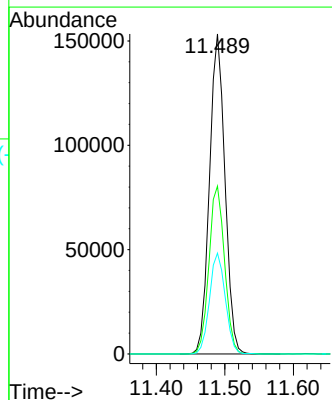
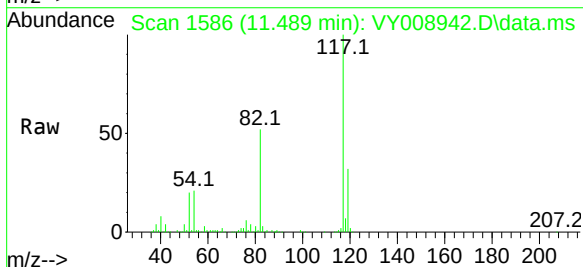
Instrument :
MSVOA_Y
ClientSampleId :
P015-SS005-0006-01

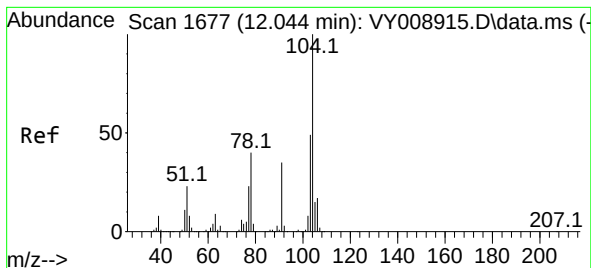
Tgt Ion:	95	Resp:	96720
Ion Ratio	Lower	Upper	
95	100		
174	89.5	0.0	177.0
176	86.8	0.0	175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.001 min
Lab File: VY008942.D
Acq: 21 May 2022 12:19

Tgt Ion:	117	Resp:	240155
Ion Ratio	Lower	Upper	
117	100		
82	52.5	43.0	64.4
119	31.5	25.4	38.0





#70

Styrene

Concen: 1.071 ug/l

RT: 12.044 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY008942.D

Acq: 21 May 2022 12:19

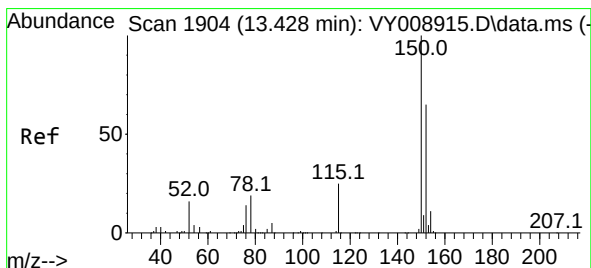
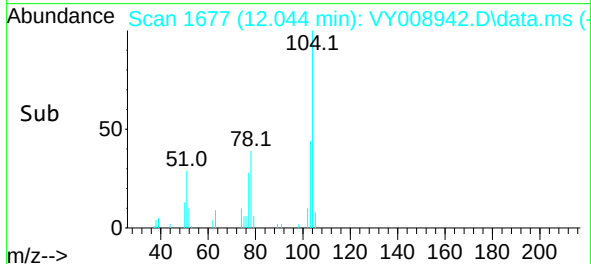
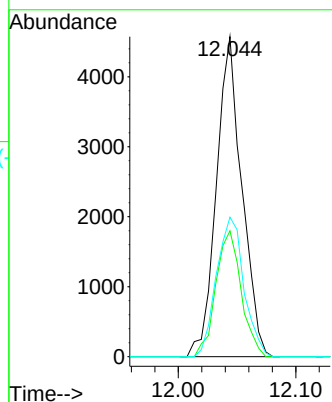
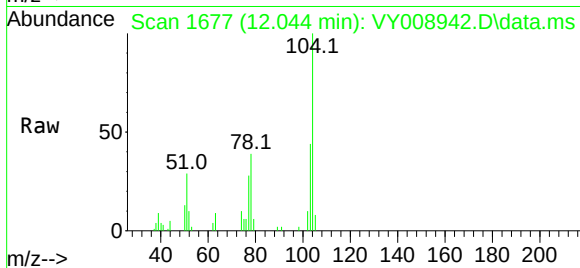
Instrument :

MSVOA_Y

ClientSampleId :

P015-SS005-0006-01

Tgt Ion:104	Resp:	6899
Ion Ratio	Lower	Upper
104	100	
78	39.0	42.4 63.6#
103	46.9	44.4 66.6



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

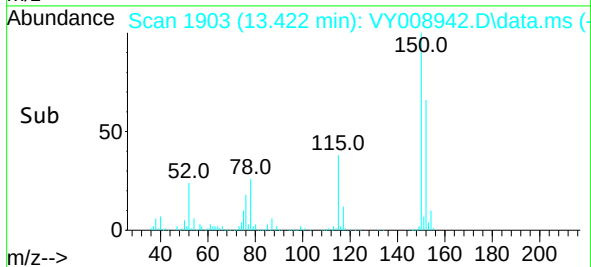
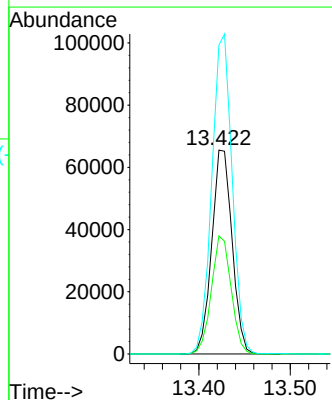
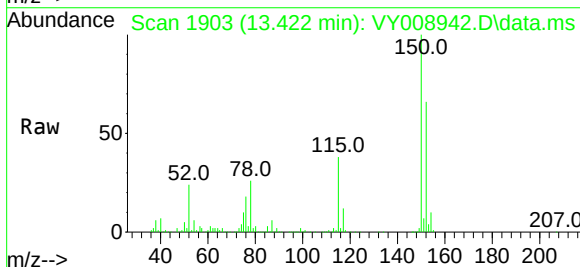
RT: 13.422 min Scan# 1903

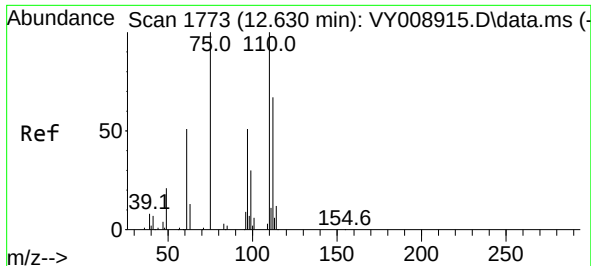
Delta R.T. -0.006 min

Lab File: VY008942.D

Acq: 21 May 2022 12:19

Tgt Ion:152	Resp:	101328
Ion Ratio	Lower	Upper
152	100	
115	56.3	28.2 84.7
150	156.2	0.0 347.6

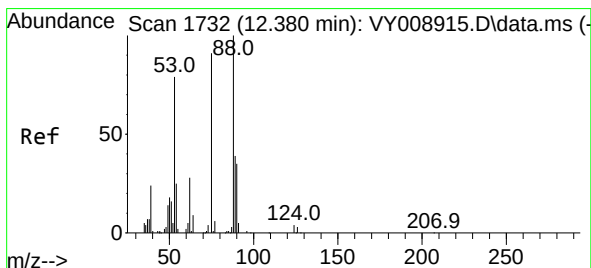
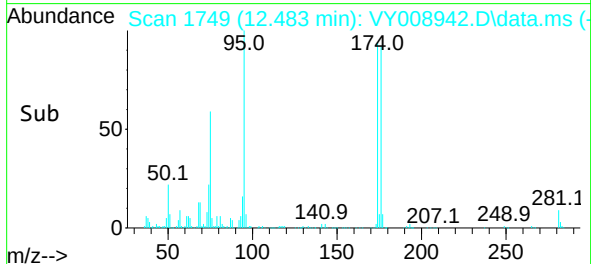
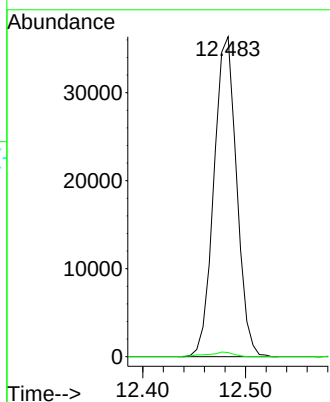
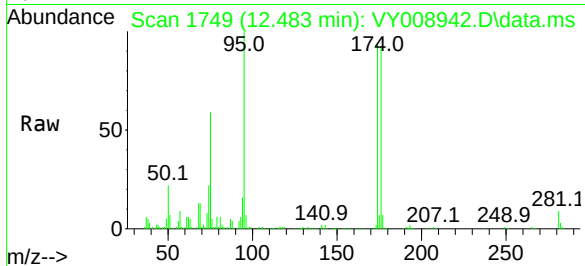




#76
1,2,3-Trichloropropane
Concen: 51.231 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.147 min
Lab File: VY008942.D
Acq: 21 May 2022 12:19

Instrument :
MSVOA_Y
ClientSampleId :
P015-SS005-0006-01

Tgt Ion: 75 Resp: 55746
Ion Ratio Lower Upper
75 100
77 1.6 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 105.151 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.103 min
Lab File: VY008942.D
Acq: 21 May 2022 12:19

Tgt Ion: 75 Resp: 55746
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.3 37.0 55.4#

