

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052322\
 Data File : VY009025.D
 Acq On : 23 May 2022 23:16
 Operator : KP/MD
 Sample : N2948-01
 Misc : 5.07g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 P035-SS001-0006-01

Quant Time: May 24 01:53:09 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	122684	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	219122	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	205113	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	82154	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	77842	61.650	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	123.300%
35) Dibromofluoromethane	7.710	113	70507	51.745	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.480%
50) Toluene-d8	10.179	98	270207	53.753	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	107.500%
62) 4-Bromofluorobenzene	12.483	95	77407	38.174	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	76.340%

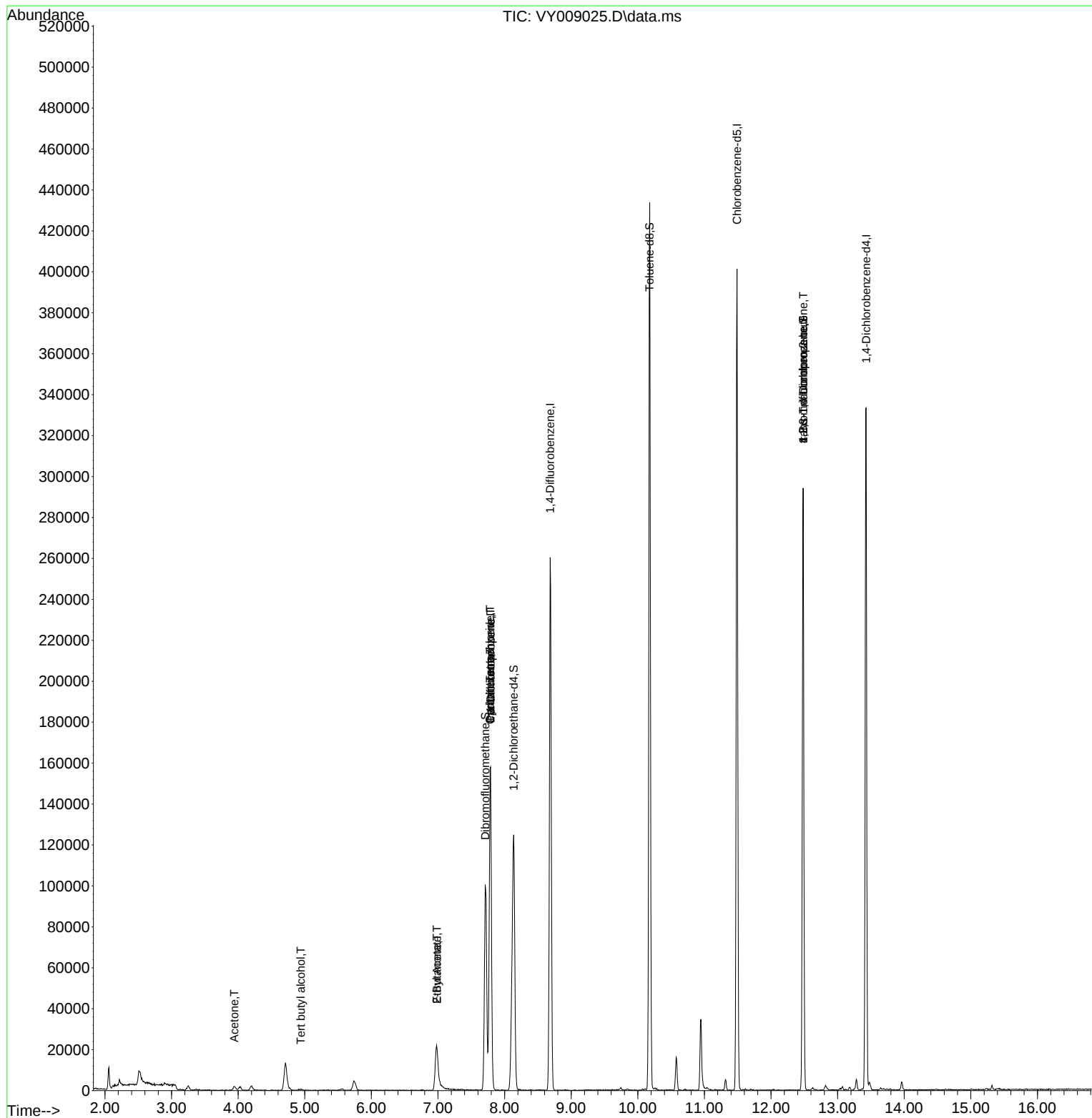
Target Compounds					Qvalue	
11) Tert butyl alcohol	4.942	59	452	3.529	ug/l #	77
16) Acetone	3.942	43	3385	12.879	ug/l #	84
20) Methylene Chloride	4.716	84	9886	Below Cal	#	72
25) 2-Butanone	6.984	43	2748	5.854	ug/l	100
31) Cyclohexane	7.783	56	3064	1.240	ug/l #	18
36) 1,1-Dichloropropene	7.789	75	11343	4.892	ug/l #	50
37) Ethyl Acetate	6.984	43	2748	2.285	ug/l #	49
38) Carbon Tetrachloride	7.783	117	12127	4.999	ug/l #	14
76) 1,2,3-Trichloropropane	12.483	75	44332	50.250	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	44332	103.137	ug/l #	7

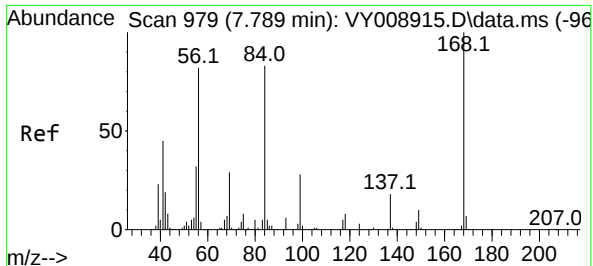
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052322\
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P035-SS001-0006-01

Quant Time: May 24 01:53:09 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

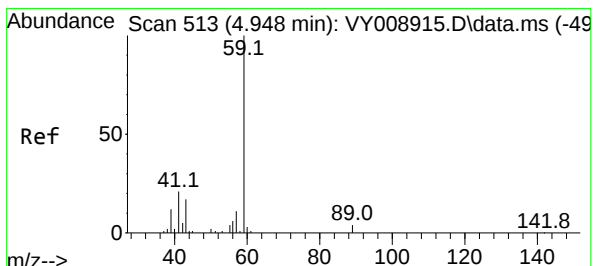
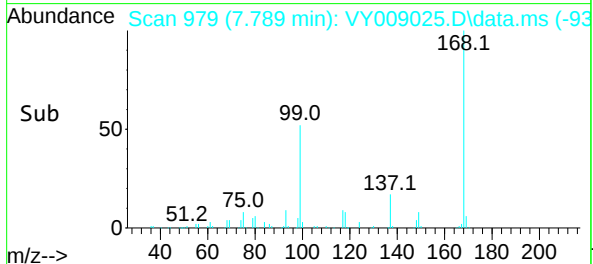
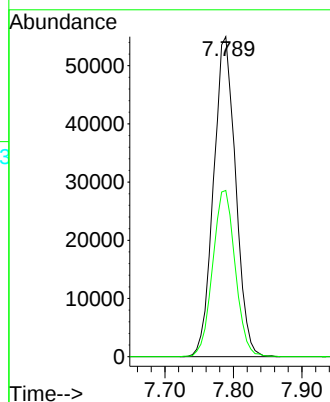
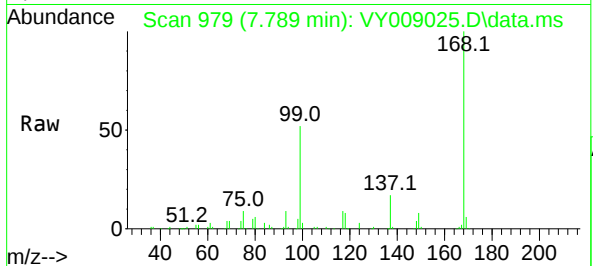




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009025.D
Acq: 23 May 2022 23:16

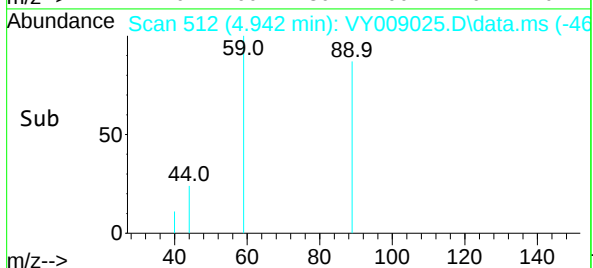
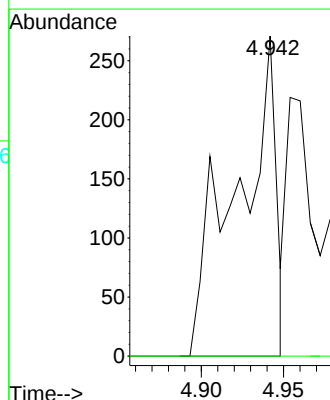
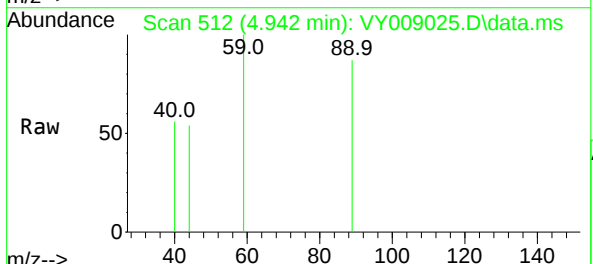
Instrument :
MSVOA_Y
ClientSampleId :
P035-SS001-0006-01

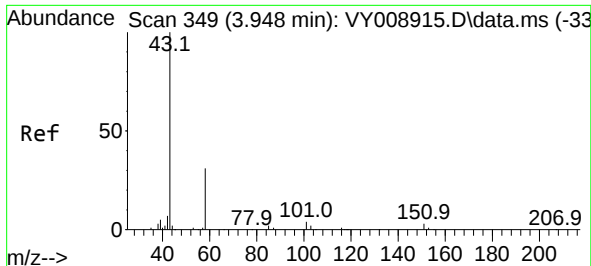
Tgt Ion:168 Resp: 122684
Ion Ratio Lower Upper
168 100
99 52.0 46.9 70.3



#11
Tert butyl alcohol
Concen: 3.529 ug/l
RT: 4.942 min Scan# 512
Delta R.T. -0.006 min
Lab File: VY009025.D
Acq: 23 May 2022 23:16

Tgt Ion: 59 Resp: 452
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#

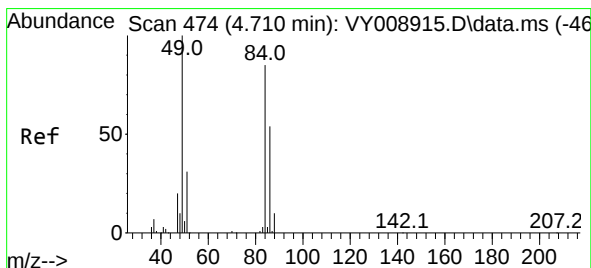
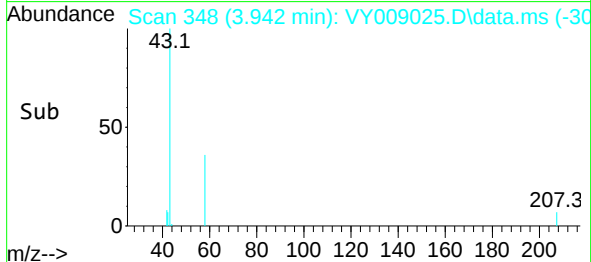
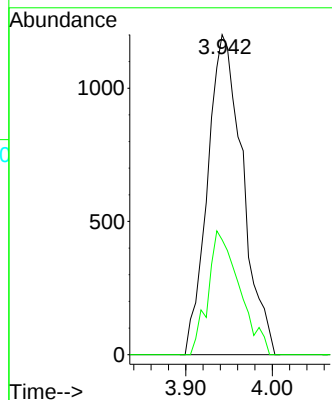
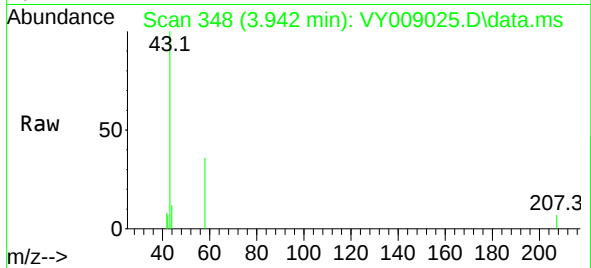




#16
Acetone
Concen: 12.879 ug/l
RT: 3.942 min Scan# 349
Delta R.T. -0.006 min
Lab File: VY009025.D
Acq: 23 May 2022 23:16

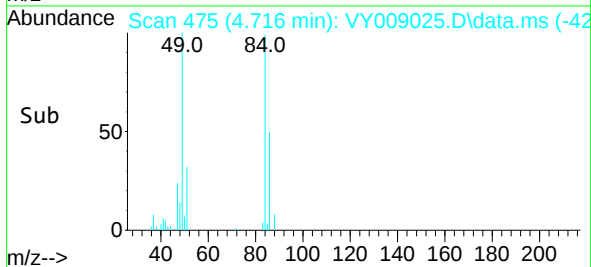
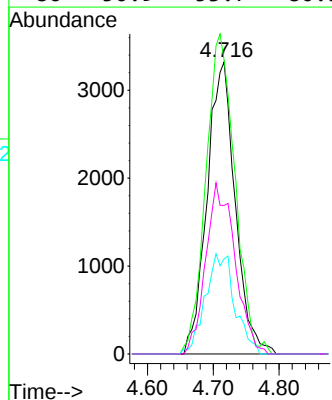
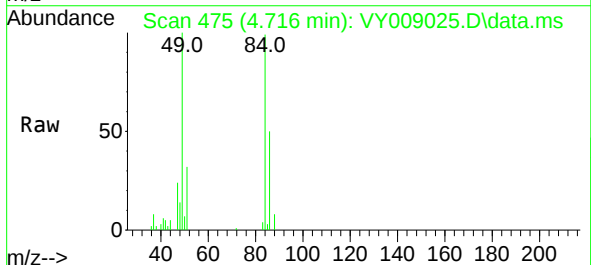
Instrument :
MSVOA_Y
ClientSampleId :
P035-SS001-0006-01

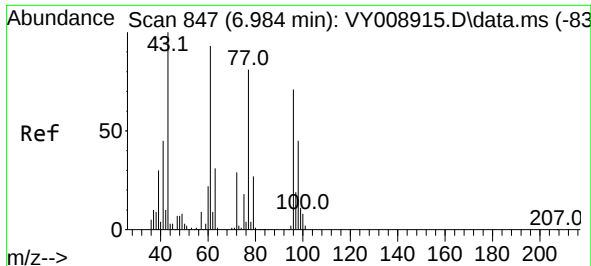
Tgt Ion: 43 Resp: 3385
Ion Ratio Lower Upper
43 100
58 35.9 22.0 33.0#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.716 min Scan# 475
Delta R.T. 0.006 min
Lab File: VY009025.D
Acq: 23 May 2022 23:16

Tgt Ion: 84 Resp: 9886
Ion Ratio Lower Upper
84 100
49 100.9 114.4 171.6#
51 32.6 35.3 52.9#
86 50.9 53.7 80.5#





#25

2-Butanone

Concen: 5.854 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY009025.D

Acq: 23 May 2022 23:16

Instrument :

MSVOA_Y

ClientSampleId :

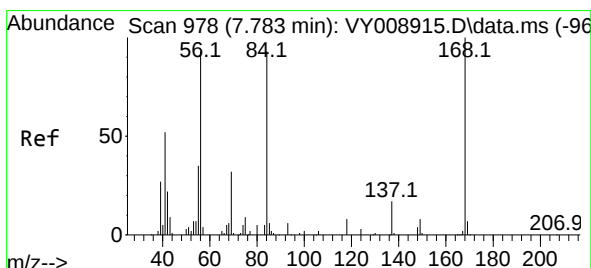
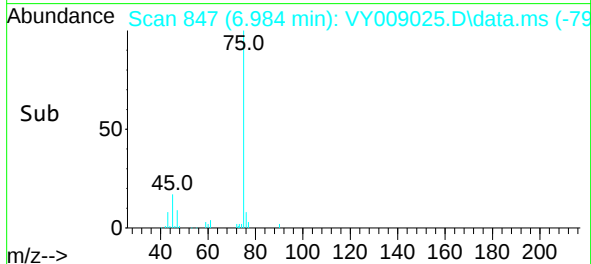
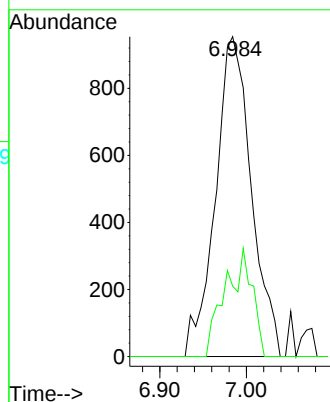
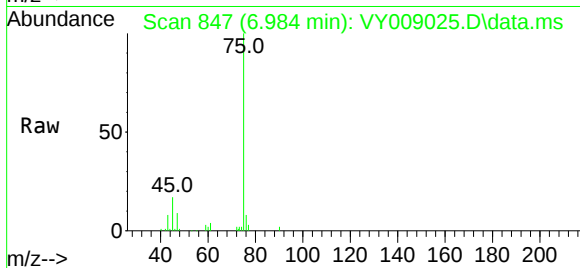
P035-SS001-0006-01

Tgt Ion: 43 Resp: 2748

Ion Ratio Lower Upper

43 100

72 22.0 17.7 26.5



#31

Cyclohexane

Concen: 1.240 ug/l

RT: 7.783 min Scan# 978

Delta R.T. -0.000 min

Lab File: VY009025.D

Acq: 23 May 2022 23:16

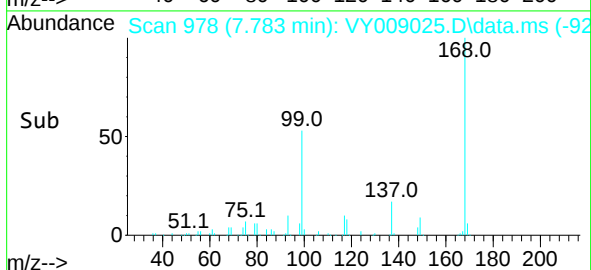
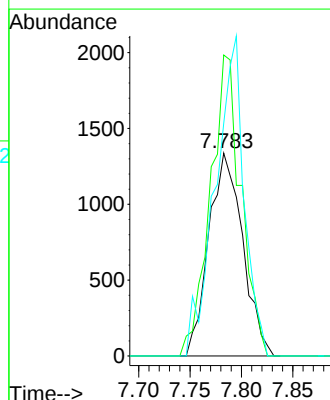
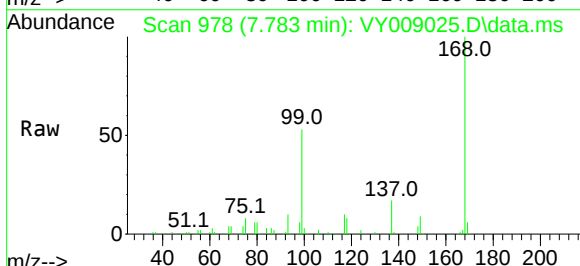
Tgt Ion: 56 Resp: 3064

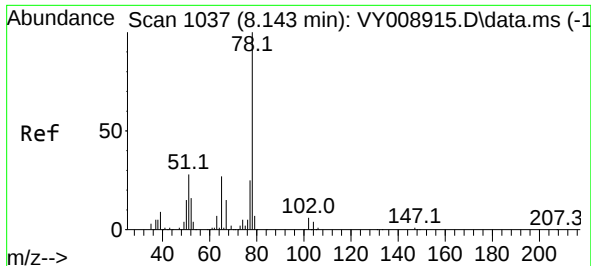
Ion Ratio Lower Upper

56 100

69 148.3 26.7 40.1#

84 114.6 67.2 100.8#





#33

1,2-Dichloroethane-d4

Concen: 61.650 ug/l

RT: 8.136 min Scan# 1037

Delta R.T. -0.007 min

Lab File: VY009025.D

Acq: 23 May 2022 23:16

Instrument :

MSVOA_Y

ClientSampleId :

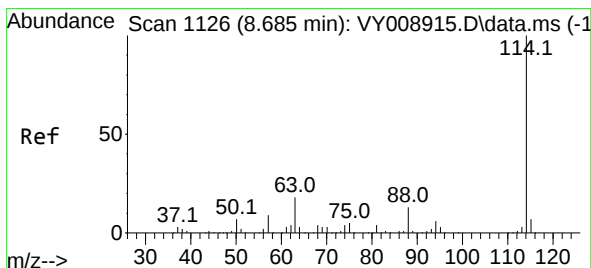
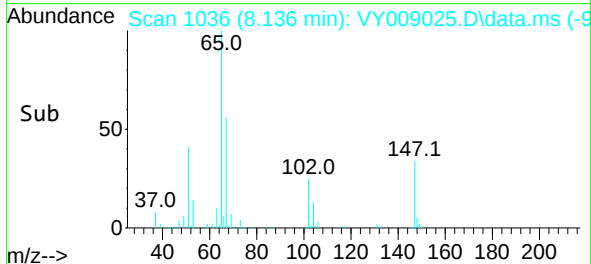
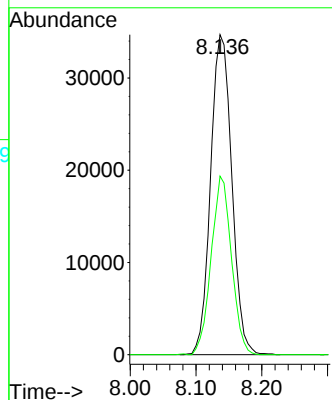
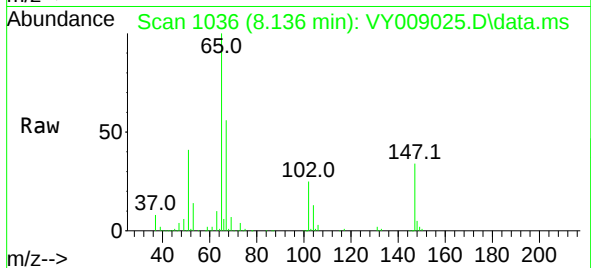
P035-SS001-0006-01

Tgt Ion: 65 Resp: 77842

Ion Ratio Lower Upper

65 100

67 53.4 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: VY009025.D

Acq: 23 May 2022 23:16

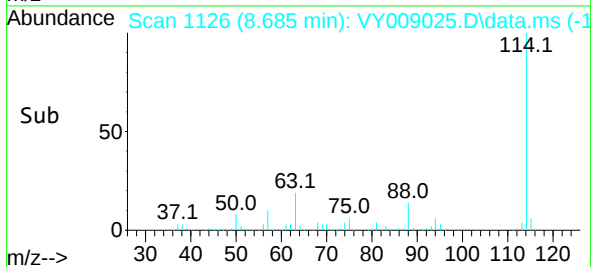
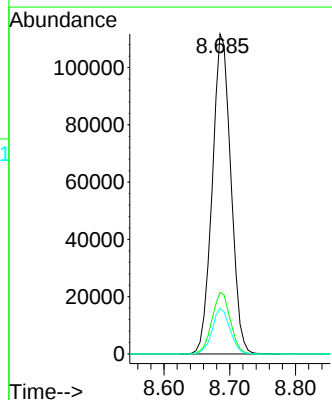
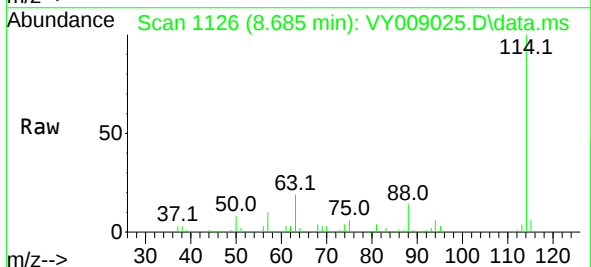
Tgt Ion: 114 Resp: 219122

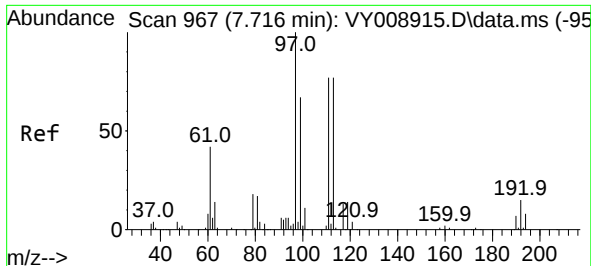
Ion Ratio Lower Upper

114 100

63 19.2 0.0 43.2

88 14.3 0.0 31.8



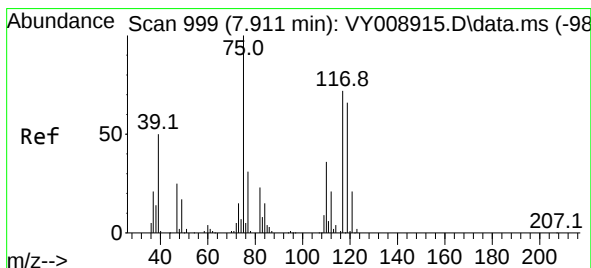
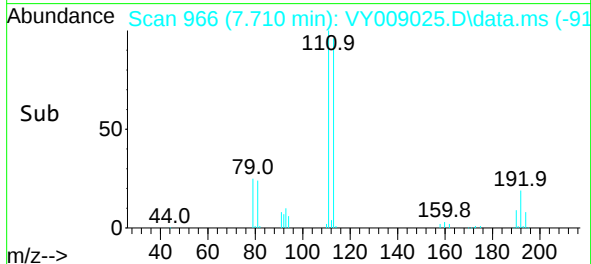
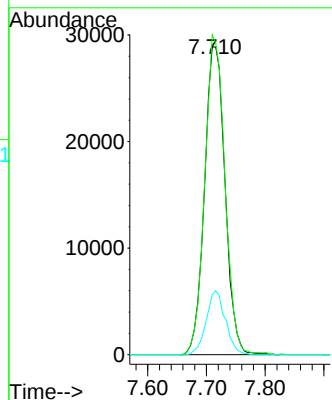
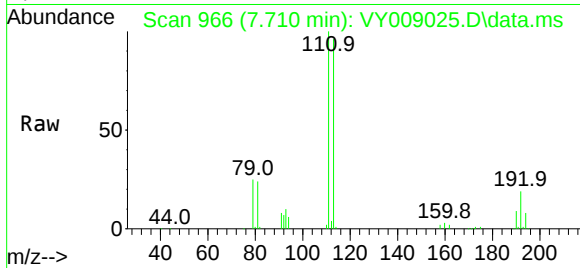


#35
 Dibromofluoromethane
 Concen: 51.745 ug/l
 RT: 7.710 min Scan# 910
 Delta R.T. -0.006 min
 Lab File: VY009025.D
 Acq: 23 May 2022 23:16

Instrument :
 MSVOA_Y
 ClientSampleId :
 P035-SS001-0006-01

Tgt Ion:113 Resp: 70507

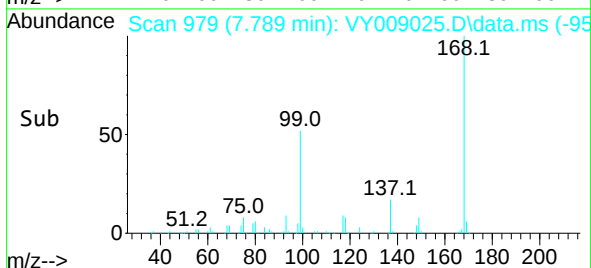
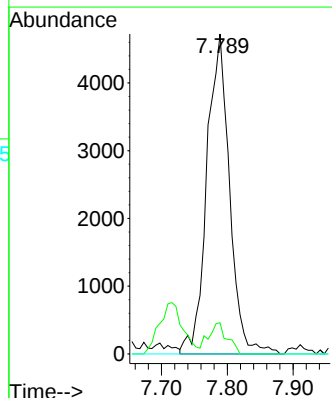
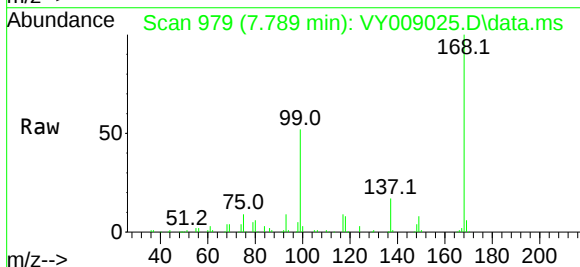
Ion	Ratio	Lower	Upper
113	100		
111	101.7	82.6	124.0
192	19.3	17.6	26.4

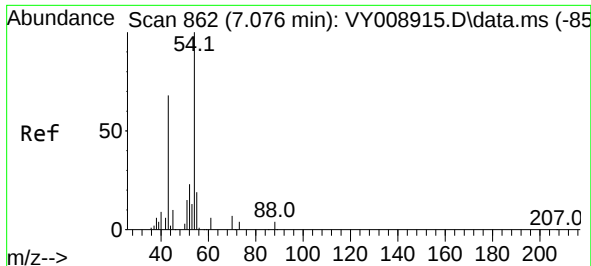


#36
 1,1-Dichloropropene
 Concen: 4.892 ug/l
 RT: 7.789 min Scan# 979
 Delta R.T. -0.122 min
 Lab File: VY009025.D
 Acq: 23 May 2022 23:16

Tgt Ion: 75 Resp: 11343

Ion	Ratio	Lower	Upper
75	100		
110	8.0	17.1	51.2#
77	0.0	24.4	36.6#





#37

Ethyl Acetate

Concen: 2.285 ug/l

RT: 6.984 min Scan# 84

Delta R.T. -0.092 min

Lab File: VY009025.D

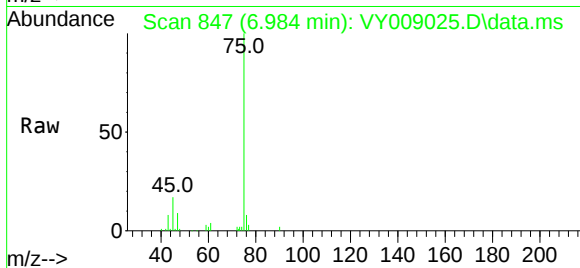
Acq: 23 May 2022 23:16

Instrument :

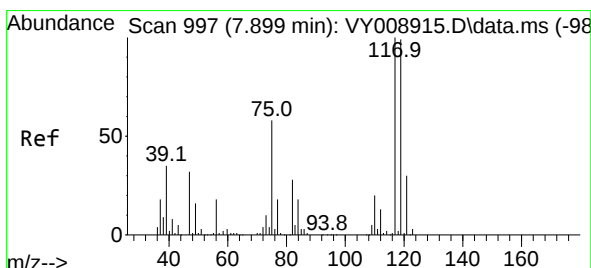
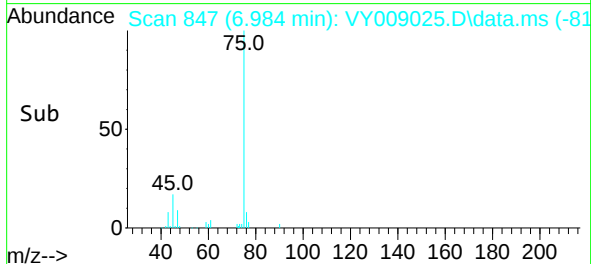
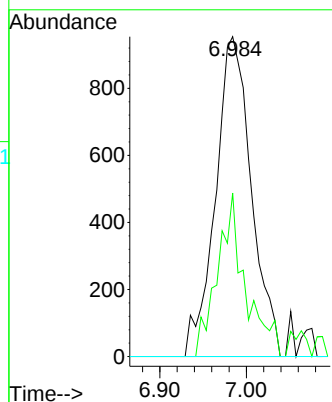
MSVOA_Y

ClientSampleId :

P035-SS001-0006-01



Tgt Ion:	43	Resp:	2748
Ion	Ratio	Lower	Upper
43	100		
61	39.8	9.7	14.5#
70	0.0	7.1	10.7#



#38

Carbon Tetrachloride

Concen: 4.999 ug/l

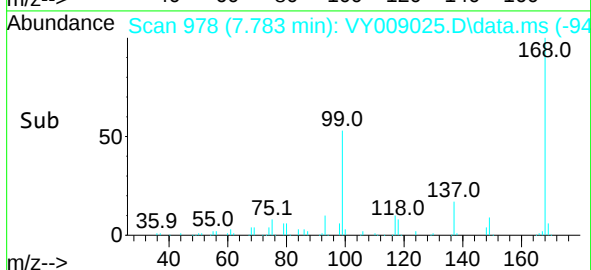
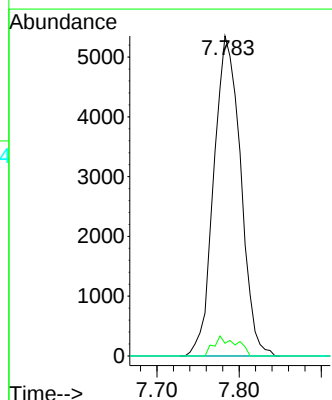
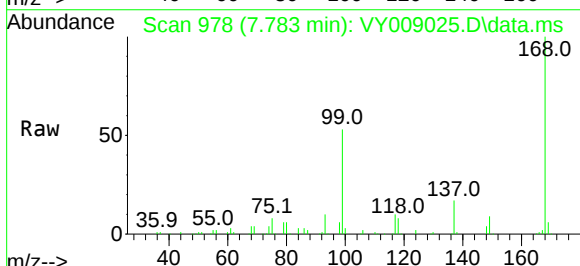
RT: 7.783 min Scan# 978

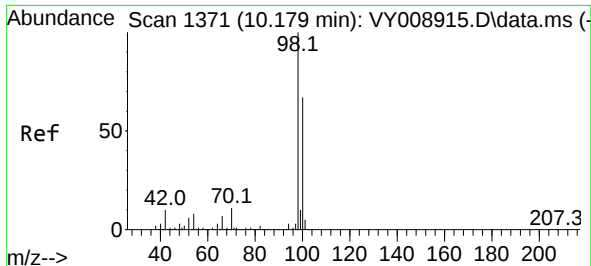
Delta R.T. -0.116 min

Lab File: VY009025.D

Acq: 23 May 2022 23:16

Tgt Ion:	117	Resp:	12127
Ion	Ratio	Lower	Upper
117	100		
119	3.9	77.9	116.9#
121	0.0	24.8	37.2#

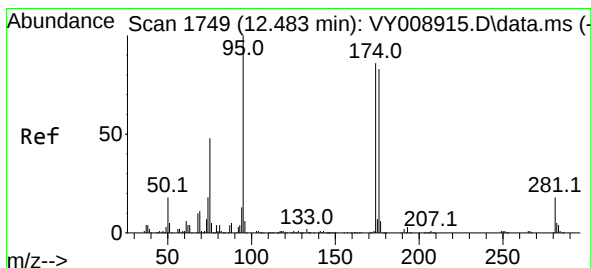
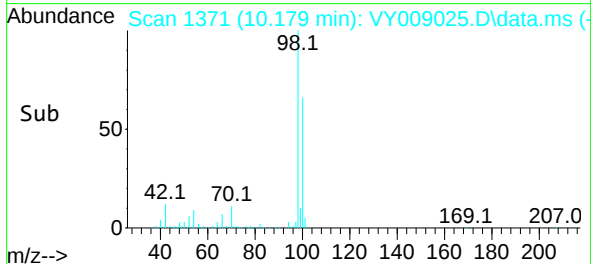
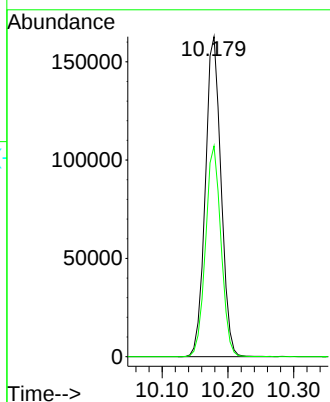
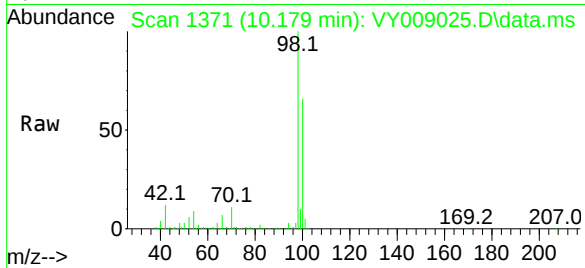




#50
Toluene-d8
Concen: 53.753 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY009025.D
Acq: 23 May 2022 23:16

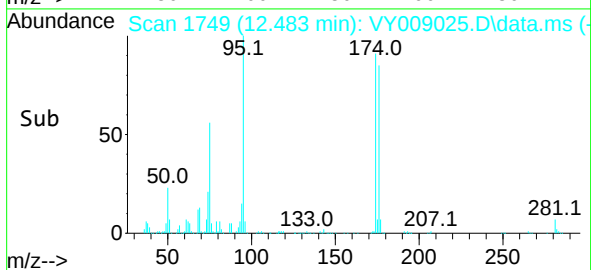
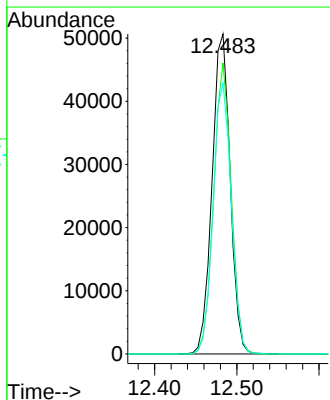
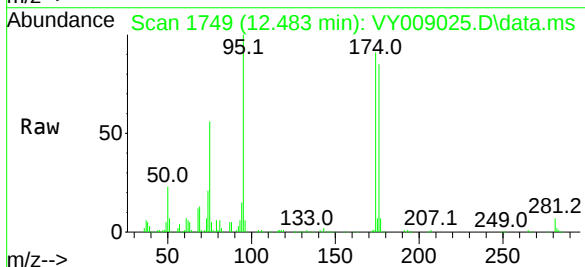
Instrument :
MSVOA_Y
ClientSampleId :
P035-SS001-0006-01

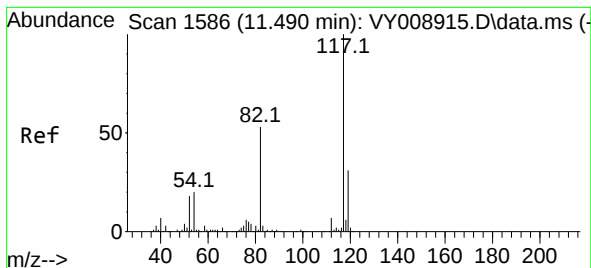
Tgt Ion: 98 Resp: 270207
Ion Ratio Lower Upper
98 100
100 64.9 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 38.174 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY009025.D
Acq: 23 May 2022 23:16

Tgt Ion: 95 Resp: 77407
Ion Ratio Lower Upper
95 100
174 89.0 0.0 177.0
176 84.7 0.0 175.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. -0.001 min

Lab File: VY009025.D

Acq: 23 May 2022 23:16

Instrument :

MSVOA_Y

ClientSampleId :

P035-SS001-0006-01

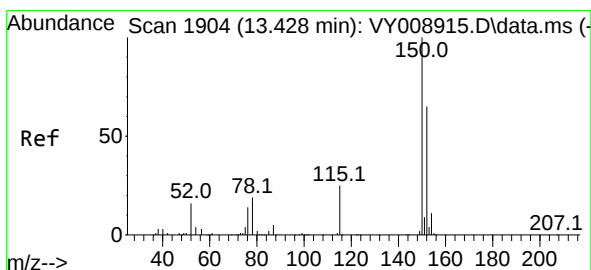
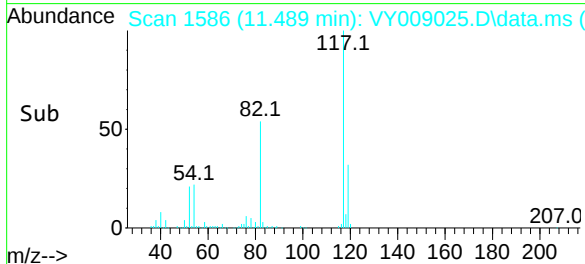
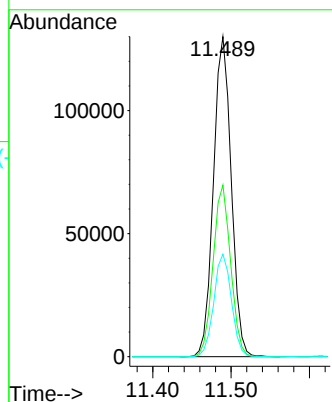
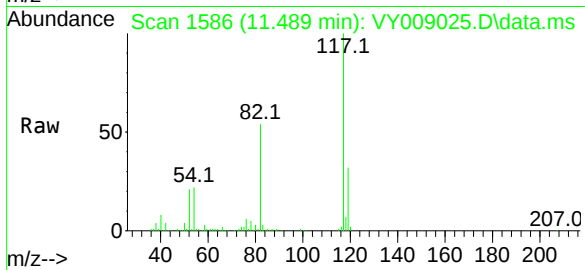
Tgt Ion:117 Resp: 205113

Ion Ratio Lower Upper

117 100

82 53.6 43.0 64.4

119 32.0 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: VY009025.D

Acq: 23 May 2022 23:16

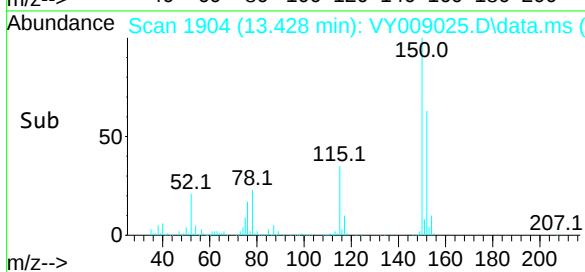
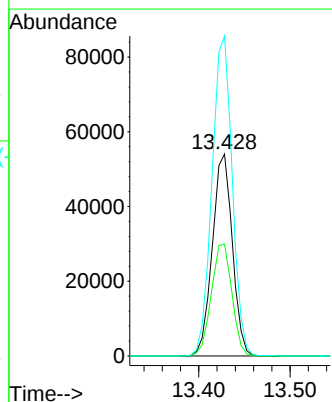
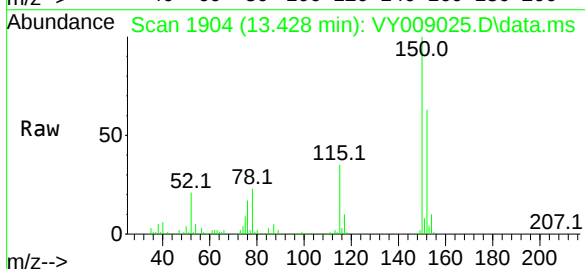
Tgt Ion:152 Resp: 82154

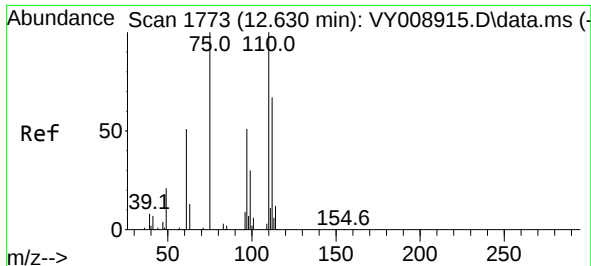
Ion Ratio Lower Upper

152 100

115 57.1 28.2 84.7

150 160.1 0.0 347.6

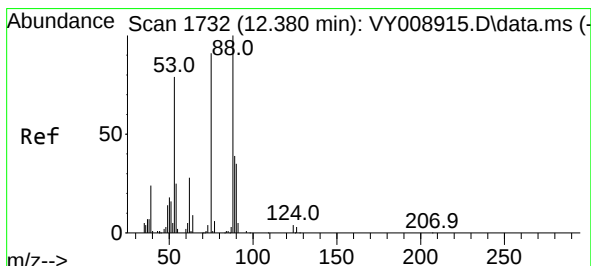
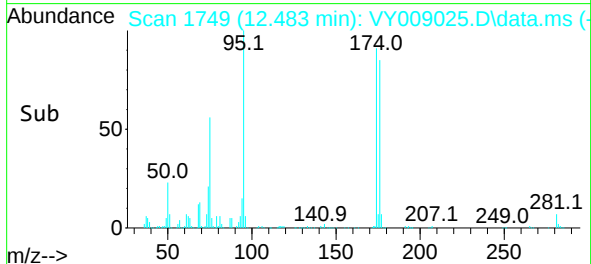
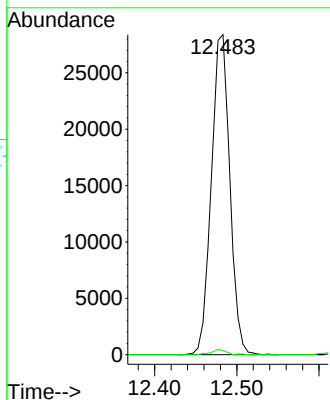
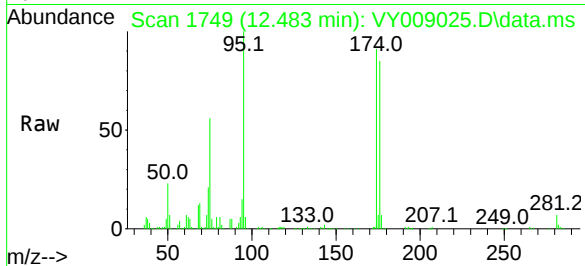




#76
1,2,3-Trichloropropane
Concen: 50.250 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.147 min
Lab File: VY009025.D
Acq: 23 May 2022 23:16

Instrument :
MSVOA_Y
ClientSampleId :
P035-SS001-0006-01

Tgt Ion: 75 Resp: 44332
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 103.137 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.103 min
Lab File: VY009025.D
Acq: 23 May 2022 23:16

Tgt Ion: 75 Resp: 44332
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.0 37.0 55.4#

