

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060222\
 Data File : VY009132.D
 Acq On : 02 Jun 2022 17:10
 Operator : KP/MD
 Sample : N3143-03
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 20220425-AMENDED-COMP-E

Quant Time: Jun 03 03:13:17 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)

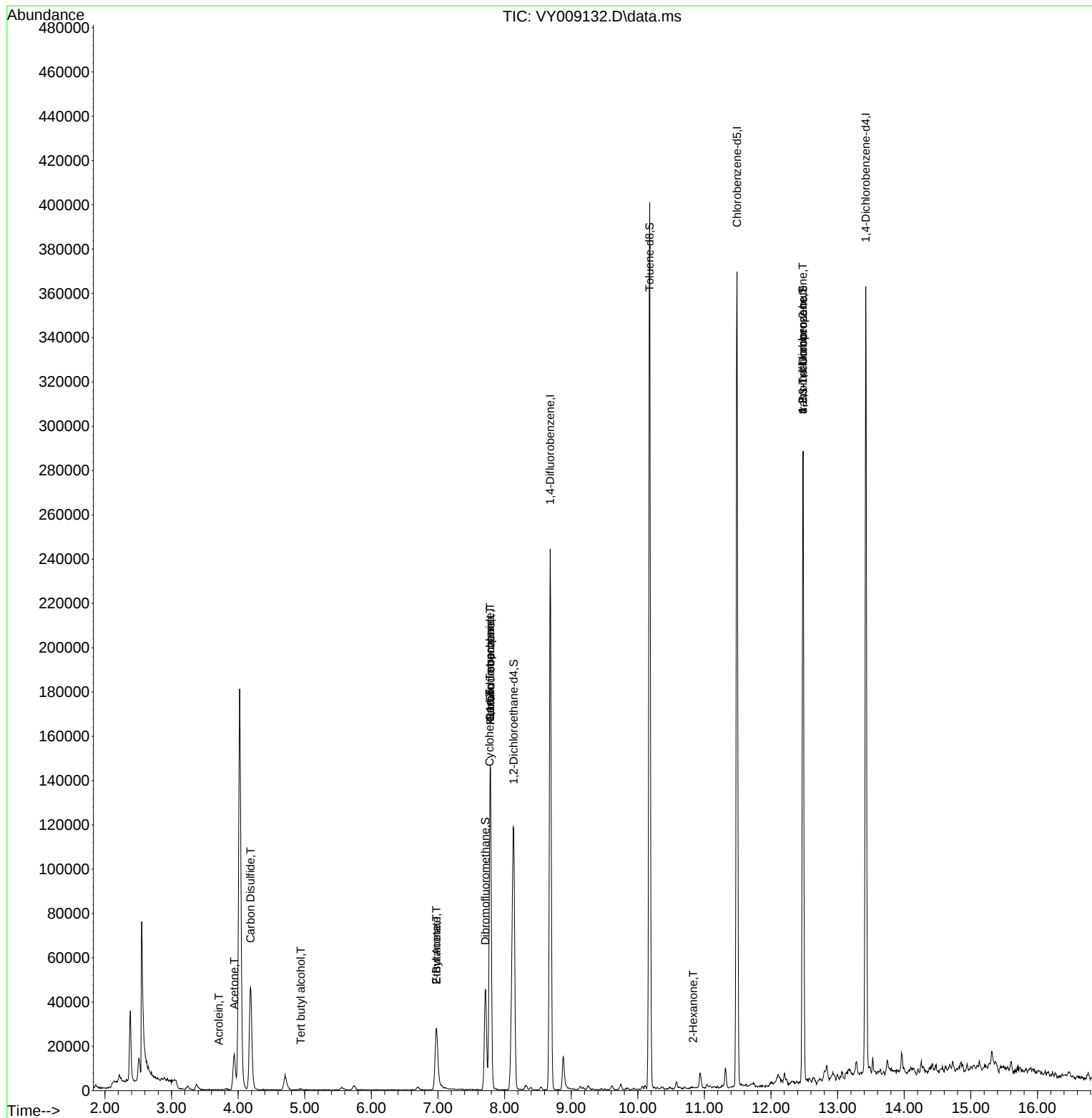
Internal Standards						
1) Pentafluorobenzene	7.789	168	111107	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	197736	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	189443	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	83931	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	71871	62.852	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	125.700%
35) Dibromofluoromethane	7.710	113	31274	25.434	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	50.860%#
50) Toluene-d8	10.179	98	246360	54.310	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	108.620%
62) 4-Bromofluorobenzene	12.477	95	73502	40.168	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	80.340%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.942	59	223	1.923	ug/l #	77
13) Acrolein	3.710	56	75	1.964	ug/l #	1
16) Acetone	3.942	43	27425	115.218	ug/l	90
17) Carbon Disulfide	4.186	76	88726	25.988	ug/l	97
20) Methylene Chloride	4.704	84	4334	Below Cal	#	68
25) 2-Butanone	6.978	43	7615	17.912	ug/l	92
31) Cyclohexane	7.777	56	3032	1.355	ug/l #	33
36) 1,1-Dichloropropene	7.783	75	9934	4.747	ug/l #	50
37) Ethyl Acetate	6.978	43	7615	7.015	ug/l #	87
38) Carbon Tetrachloride	7.783	117	11107	5.074	ug/l #	17
59) 2-Hexanone	10.831	43	1189	1.555	ug/l #	60
76) 1,2,3-Trichloropropane	12.477	75	43552	48.320	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	43552	99.178	ug/l #	7

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

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Quant Title : SW846 8260
QLast Update : Fri May 20 23:50:52 2022
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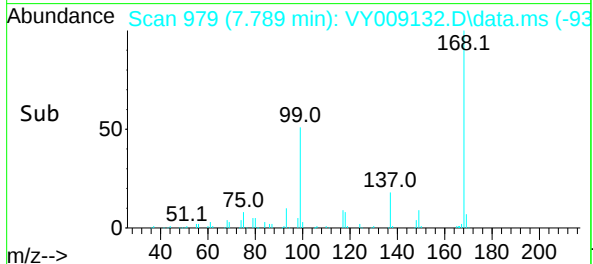
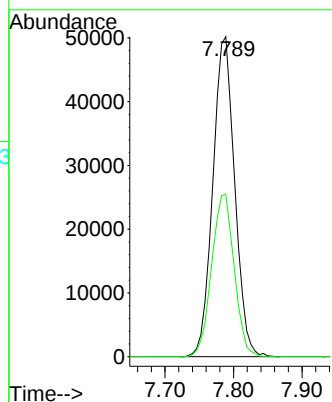
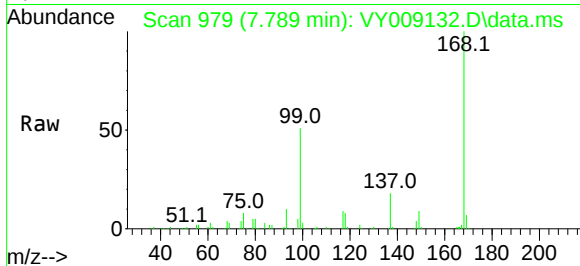




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 911
Delta R.T. -0.000 min
Lab File: VY009132.D
Acq: 02 Jun 2022 17:10

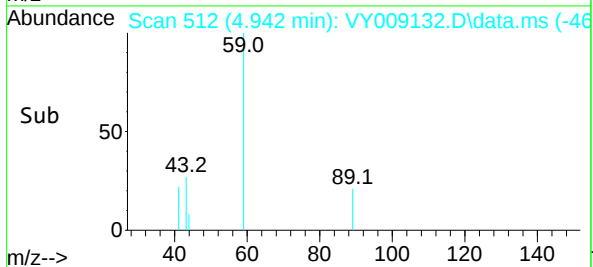
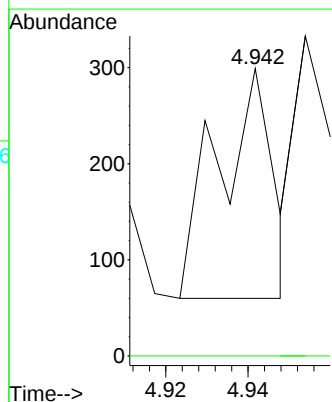
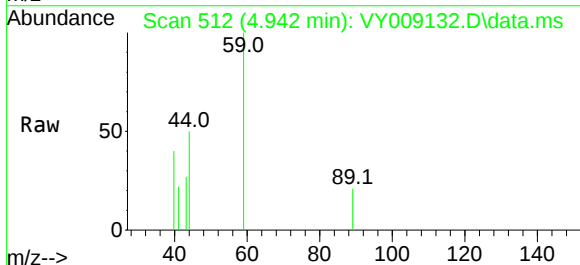
Instrument :
MSVOA_Y
ClientSampleId :
20220425-AMENDED-COMP-E

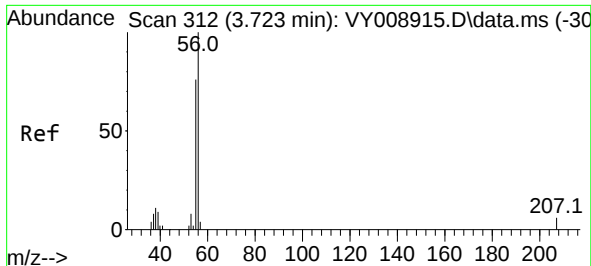
Tgt Ion:168 Resp: 111107
Ion Ratio Lower Upper
168 100
99 50.7 46.9 70.3



#11
Tert butyl alcohol
Concen: 1.923 ug/l
RT: 4.942 min Scan# 512
Delta R.T. -0.006 min
Lab File: VY009132.D
Acq: 02 Jun 2022 17:10

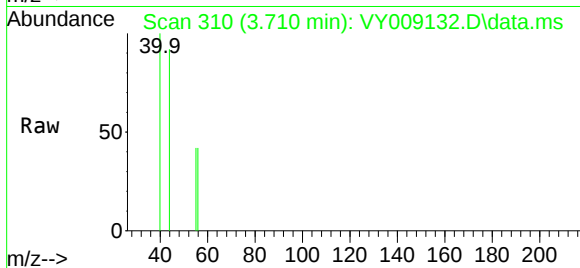
Tgt Ion: 59 Resp: 223
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#



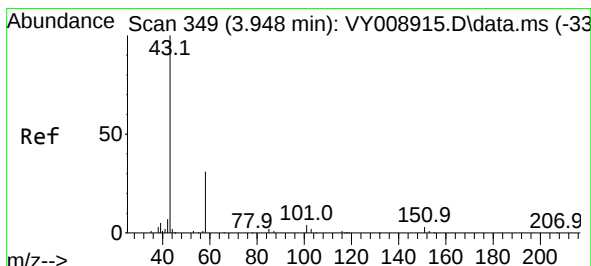
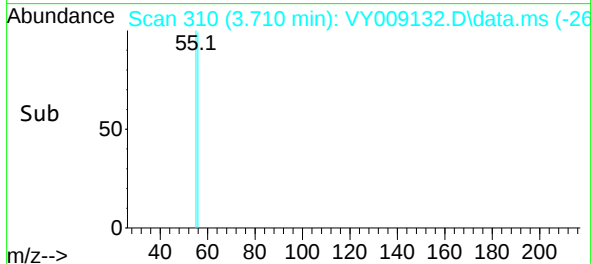
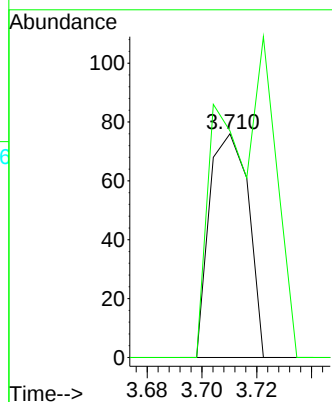


#13
Acrolein
Concen: 1.964 ug/l
RT: 3.710 min Scan# 311
Delta R.T. -0.013 min
Lab File: VY009132.D
Acq: 02 Jun 2022 17:10

Instrument :
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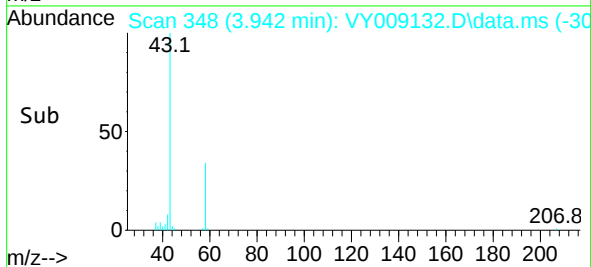
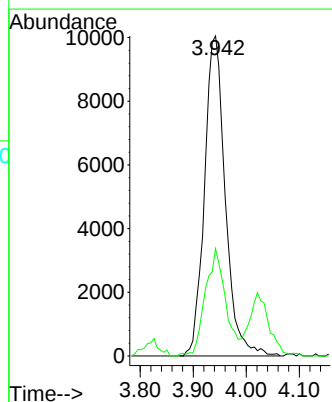
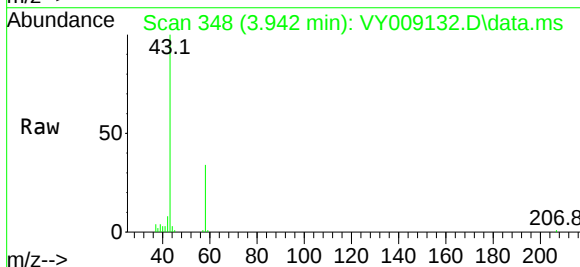


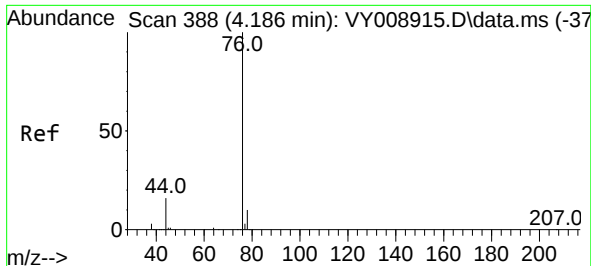
Tgt Ion: 56 Resp: 75
Ion Ratio Lower Upper
56 100
55 188.0 57.6 86.4#



#16
Acetone
Concen: 115.218 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.006 min
Lab File: VY009132.D
Acq: 02 Jun 2022 17:10

Tgt Ion: 43 Resp: 27425
Ion Ratio Lower Upper
43 100
58 32.9 22.0 33.0

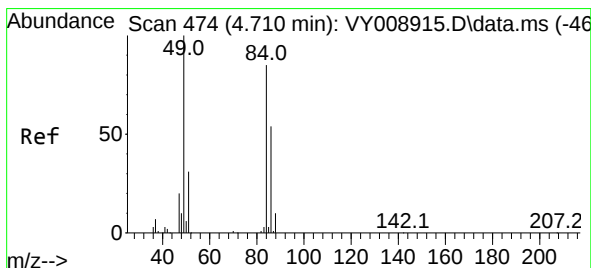
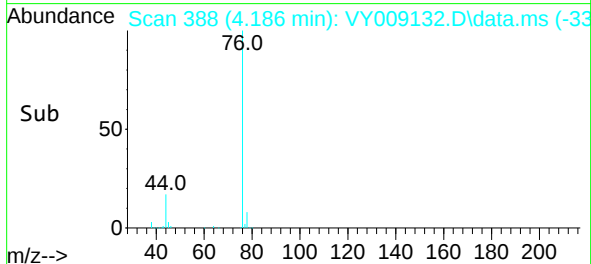
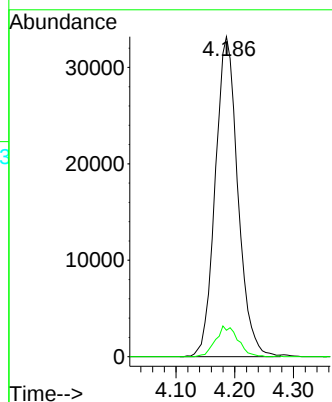
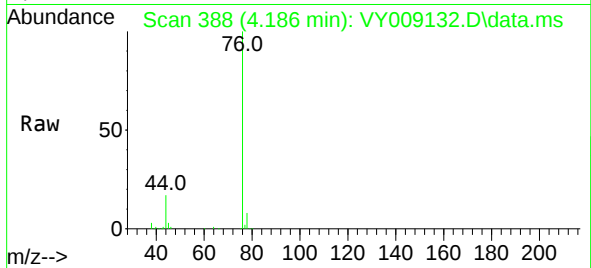




#17
Carbon Disulfide
Concen: 25.988 ug/l
RT: 4.186 min Scan# 31
Delta R.T. -0.000 min
Lab File: VY009132.D
Acq: 02 Jun 2022 17:10

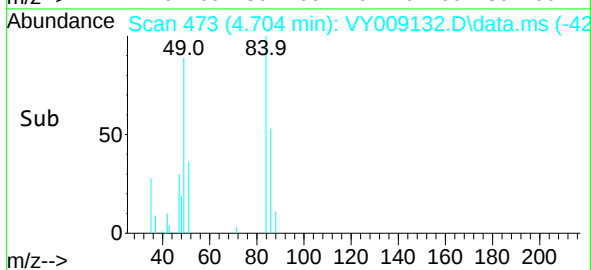
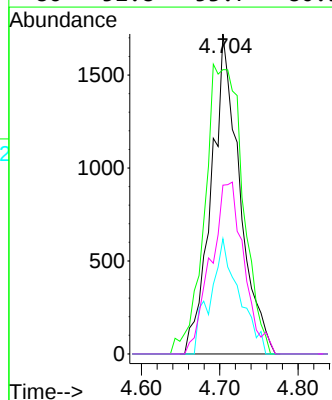
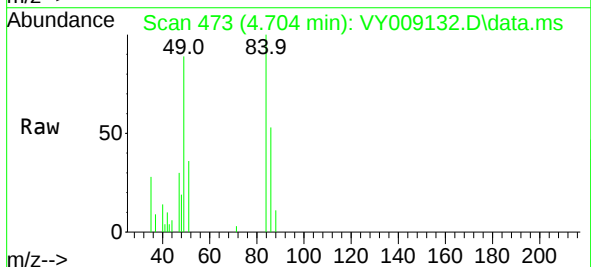
Instrument :
MSVOA_Y
ClientSampleId :
20220425-AMENDED-COMP-E

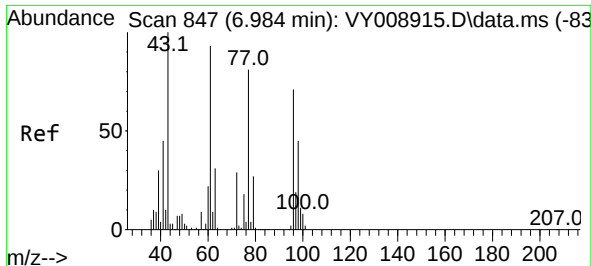
Tgt Ion: 76 Resp: 88726
Ion Ratio Lower Upper
76 100
78 8.2 7.4 11.0



#20
Methylene Chloride
Concen: Below Cal
RT: 4.704 min Scan# 473
Delta R.T. -0.006 min
Lab File: VY009132.D
Acq: 02 Jun 2022 17:10

Tgt Ion: 84 Resp: 4334
Ion Ratio Lower Upper
84 100
49 88.8 114.4 171.6#
51 36.0 35.3 52.9
86 52.8 53.7 80.5#

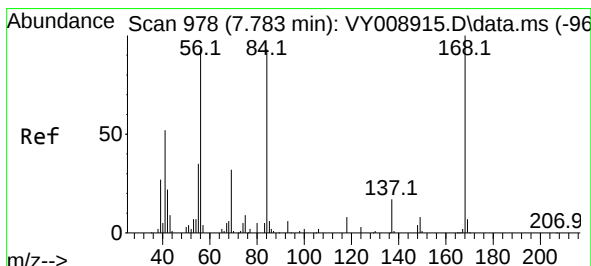
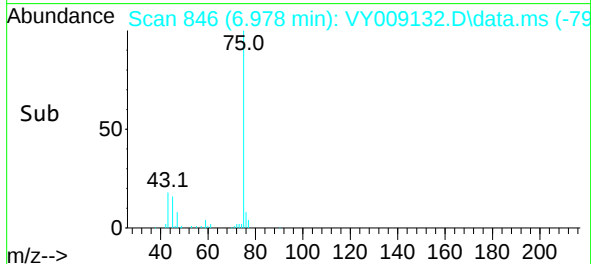
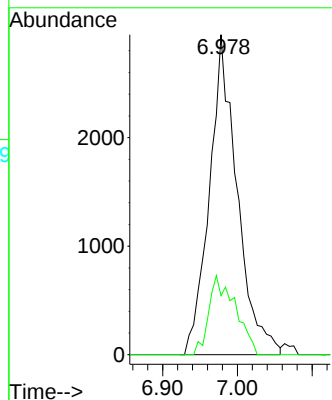
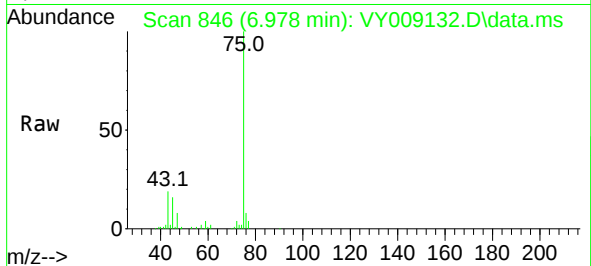




#25
2-Butanone
Concen: 17.912 ug/l
RT: 6.978 min Scan# 84
Delta R.T. -0.006 min
Lab File: VY009132.D
Acq: 02 Jun 2022 17:10

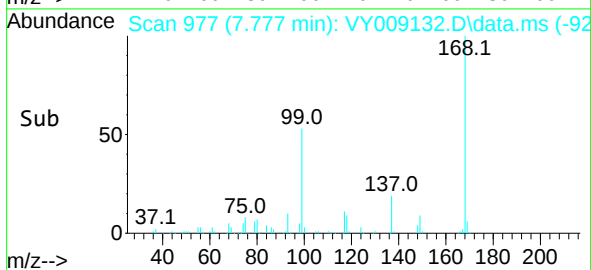
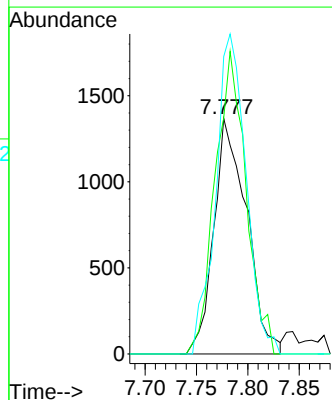
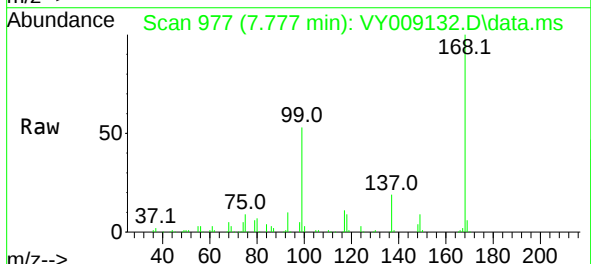
Instrument :
MSVOA_Y
ClientSampleId :
20220425-AMENDED-COMP-E

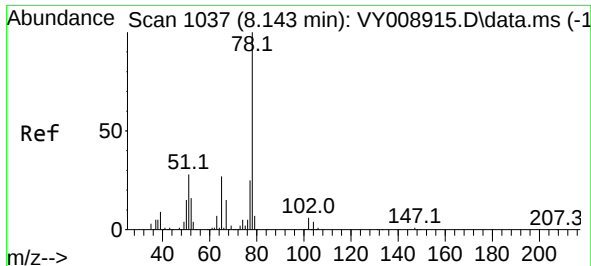
Tgt Ion: 43 Resp: 7615
Ion Ratio Lower Upper
43 100
72 18.5 17.7 26.5



#31
Cyclohexane
Concen: 1.355 ug/l
RT: 7.777 min Scan# 977
Delta R.T. -0.006 min
Lab File: VY009132.D
Acq: 02 Jun 2022 17:10

Tgt Ion: 56 Resp: 3032
Ion Ratio Lower Upper
56 100
69 100.2 26.7 40.1#
84 126.3 67.2 100.8#





#33

1,2-Dichloroethane-d4

Concen: 62.852 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. -0.007 min

Lab File: VY009132.D

Acq: 02 Jun 2022 17:10

Instrument :

MSVOA_Y

ClientSampleId :

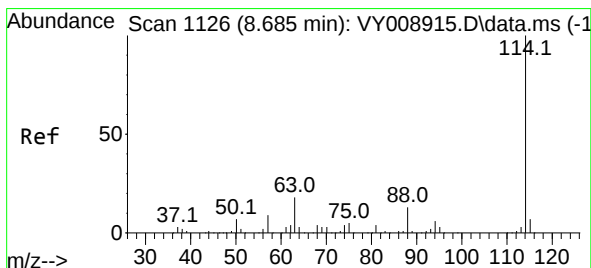
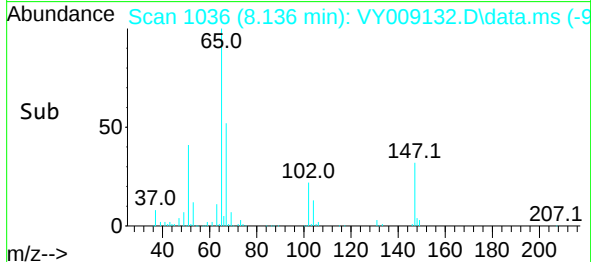
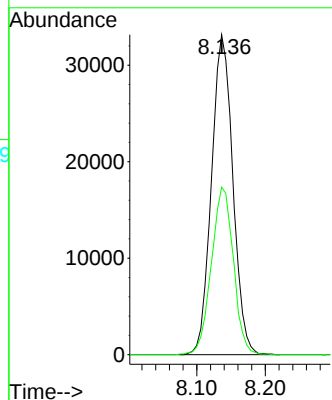
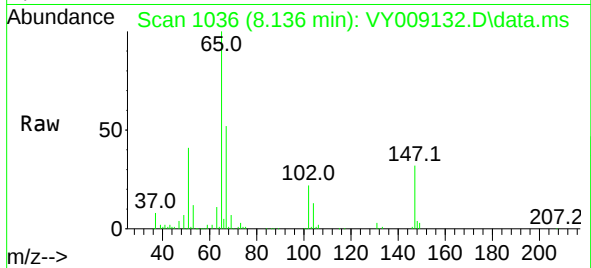
20220425-AMENDED-COMP-E

Tgt Ion: 65 Resp: 71871

Ion Ratio Lower Upper

65 100

67 53.9 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: VY009132.D

Acq: 02 Jun 2022 17:10

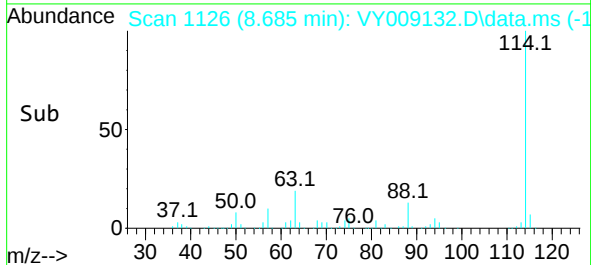
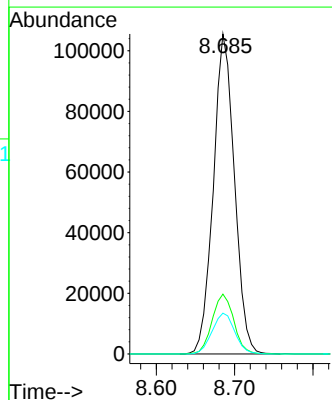
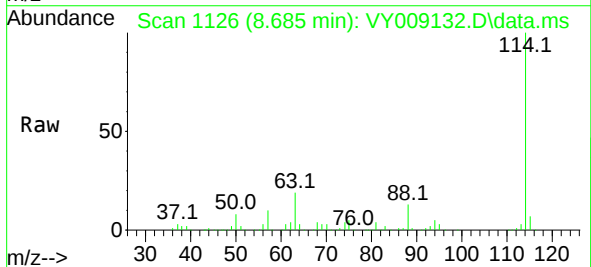
Tgt Ion: 114 Resp: 197736

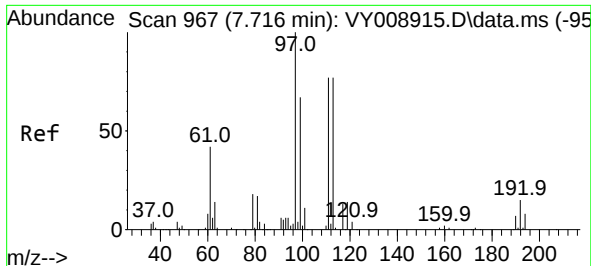
Ion Ratio Lower Upper

114 100

63 18.7 0.0 43.2

88 12.8 0.0 31.8

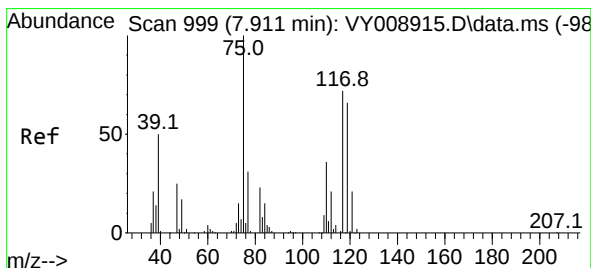
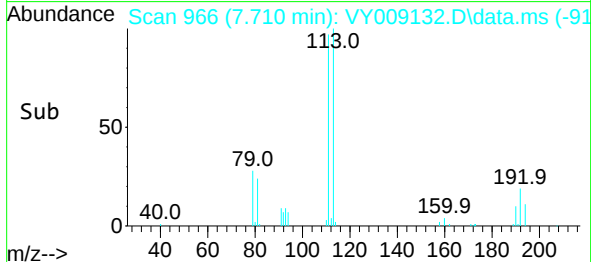
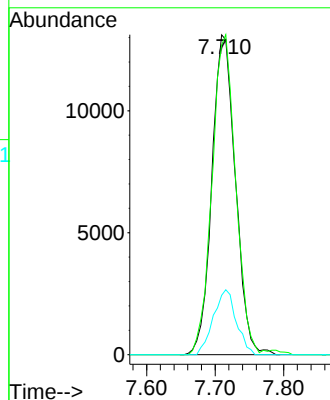
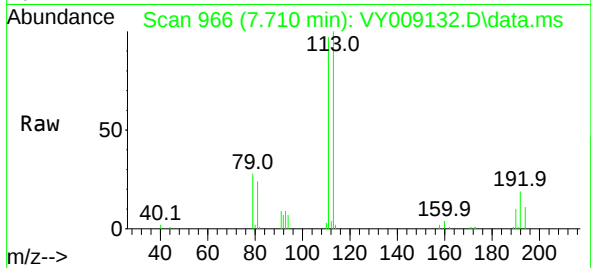




#35
Dibromofluoromethane
Concen: 25.434 ug/l
RT: 7.710 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY009132.D
Acq: 02 Jun 2022 17:10

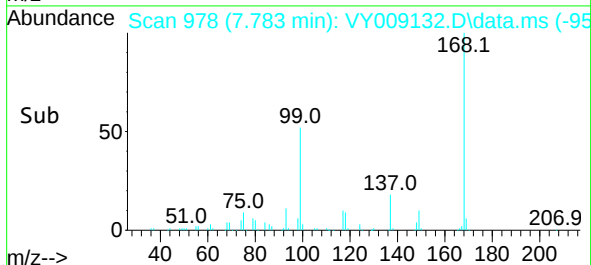
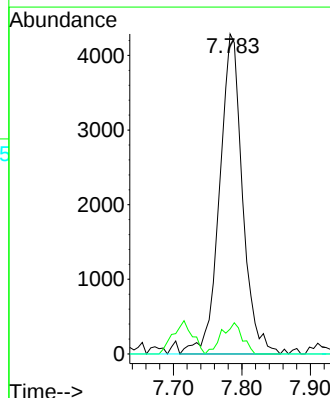
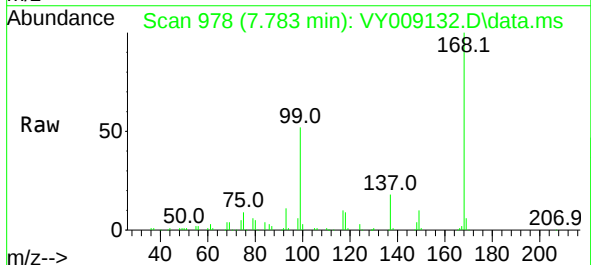
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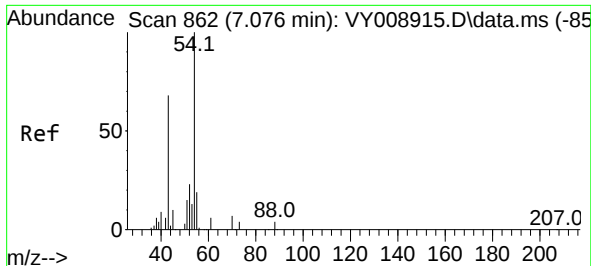
Tgt Ion:113 Resp: 31274
Ion Ratio Lower Upper
113 100
111 100.5 82.6 124.0
192 19.7 17.6 26.4



#36
1,1-Dichloropropene
Concen: 4.747 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.128 min
Lab File: VY009132.D
Acq: 02 Jun 2022 17:10

Tgt Ion: 75 Resp: 9934
Ion Ratio Lower Upper
75 100
110 8.9 17.1 51.2#
77 0.0 24.4 36.6#





#37

Ethyl Acetate

Concen: 7.015 ug/l

RT: 6.978 min Scan# 84

Delta R.T. -0.098 min

Lab File: VY009132.D

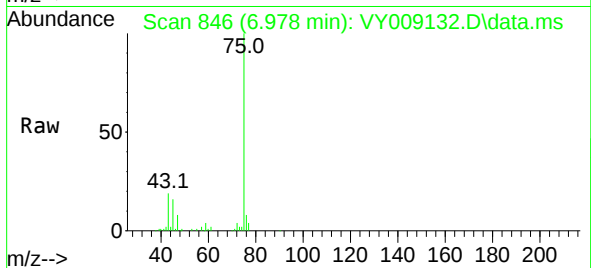
Acq: 02 Jun 2022 17:10

Instrument :

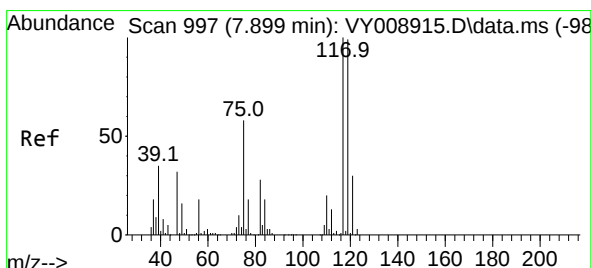
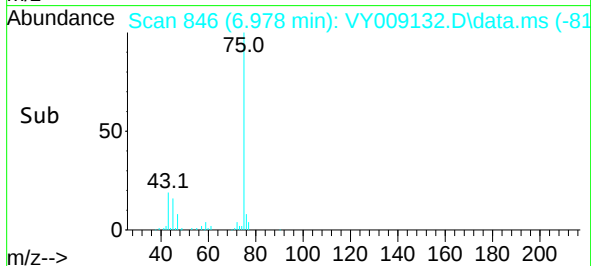
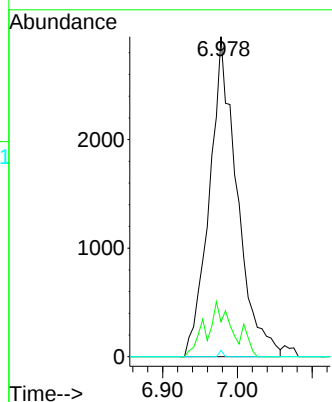
MSVOA_Y

ClientSampleId :

20220425-AMENDED-COMP-E



Tgt Ion:	43	Resp:	7615
Ion	Ratio	Lower	Upper
43	100		
61	14.3	9.7	14.5
70	0.3	7.1	10.7#



#38

Carbon Tetrachloride

Concen: 5.074 ug/l

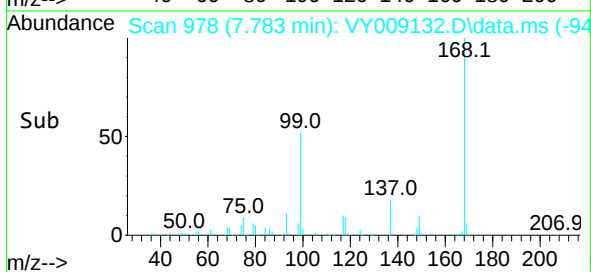
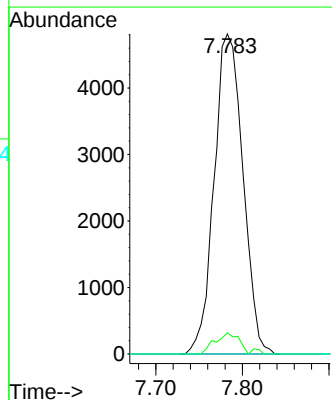
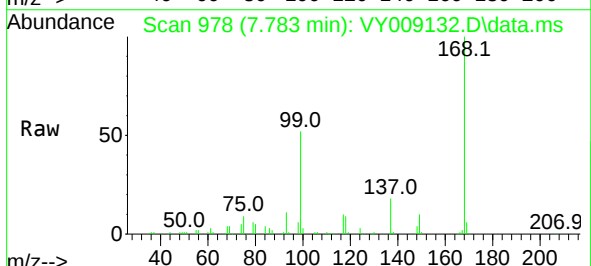
RT: 7.783 min Scan# 978

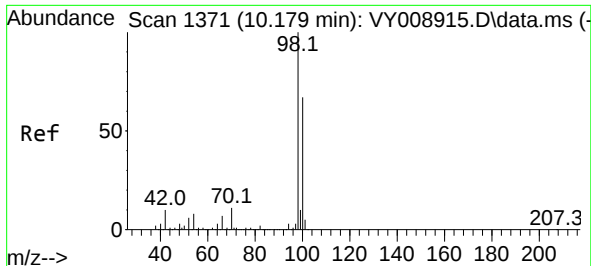
Delta R.T. -0.116 min

Lab File: VY009132.D

Acq: 02 Jun 2022 17:10

Tgt Ion:	117	Resp:	11107
Ion	Ratio	Lower	Upper
117	100		
119	6.7	77.9	116.9#
121	0.0	24.8	37.2#

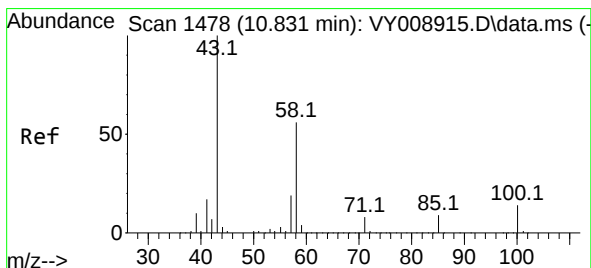
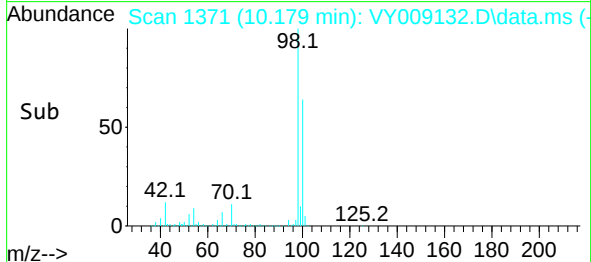
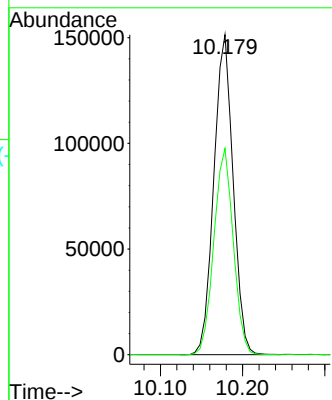
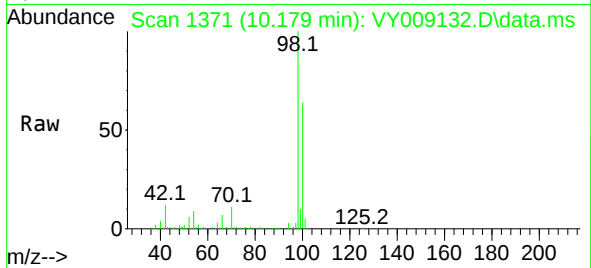




#50
Toluene-d8
Concen: 54.310 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY009132.D
Acq: 02 Jun 2022 17:10

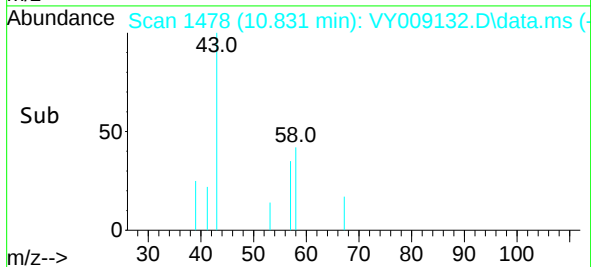
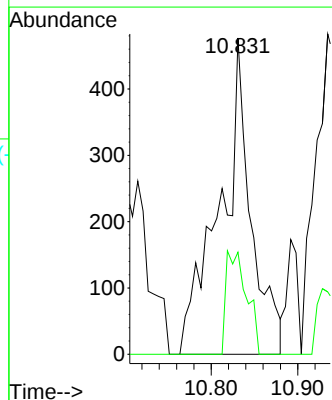
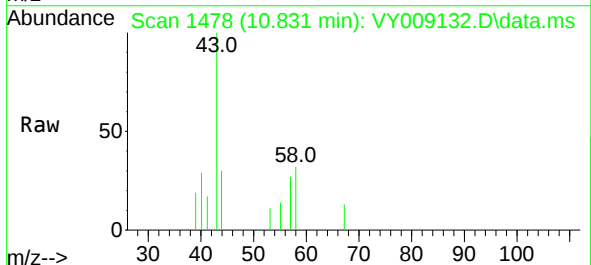
Instrument :
MSVOA_Y
ClientSampleId :
20220425-AMENDED-COMP-E

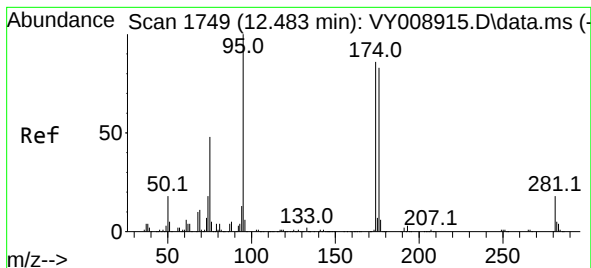
Tgt Ion: 98 Resp: 246360
Ion Ratio Lower Upper
98 100
100 64.9 50.2 75.2



#59
2-Hexanone
Concen: 1.555 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. -0.000 min
Lab File: VY009132.D
Acq: 02 Jun 2022 17:10

Tgt Ion: 43 Resp: 1189
Ion Ratio Lower Upper
43 100
58 21.6 24.4 73.4#

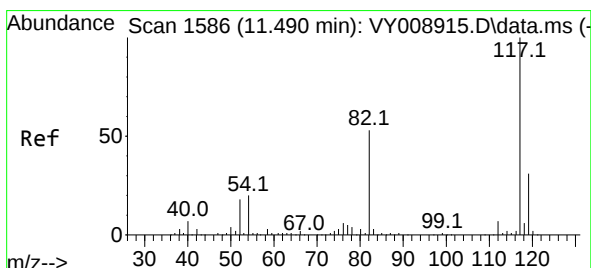
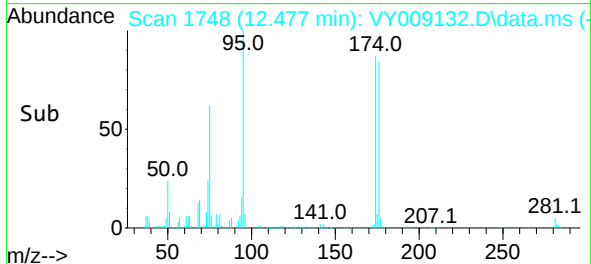
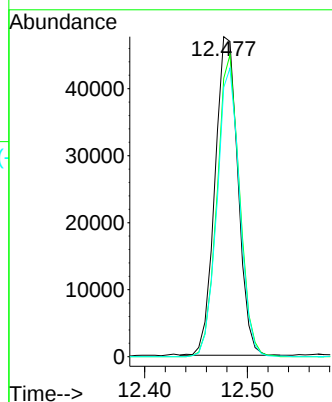
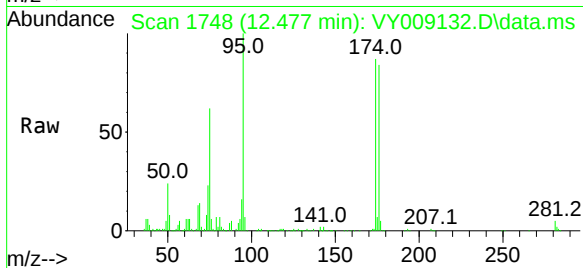




#62
4-Bromofluorobenzene
Concen: 40.168 ug/l
RT: 12.477 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY009132.D
Acq: 02 Jun 2022 17:10

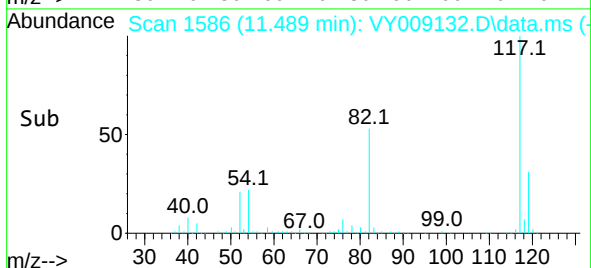
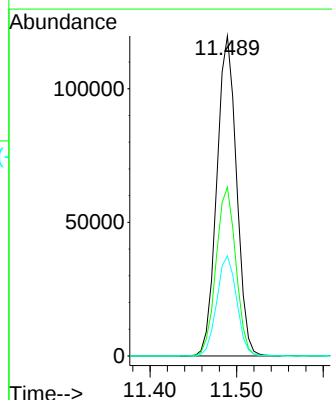
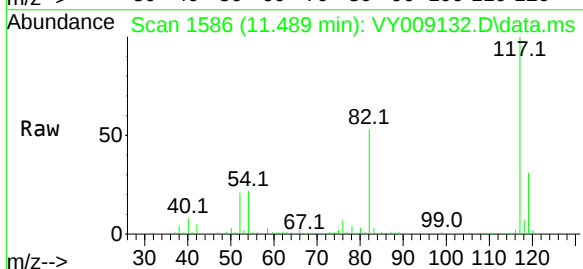
Instrument :
MSVOA_Y
ClientSampleId :
20220425-AMENDED-COMP-E

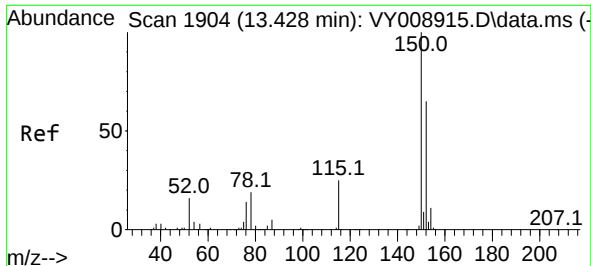
Tgt Ion: 95 Resp: 73502
Ion Ratio Lower Upper
95 100
174 92.9 0.0 177.0
176 89.3 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.001 min
Lab File: VY009132.D
Acq: 02 Jun 2022 17:10

Tgt Ion: 117 Resp: 189443
Ion Ratio Lower Upper
117 100
82 52.7 43.0 64.4
119 31.3 25.4 38.0

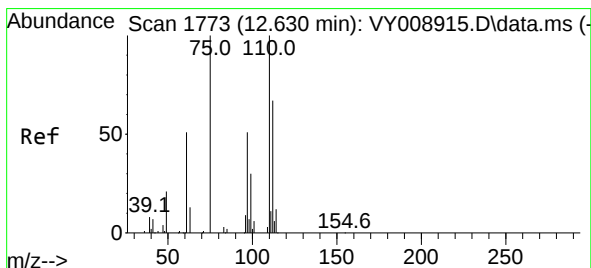
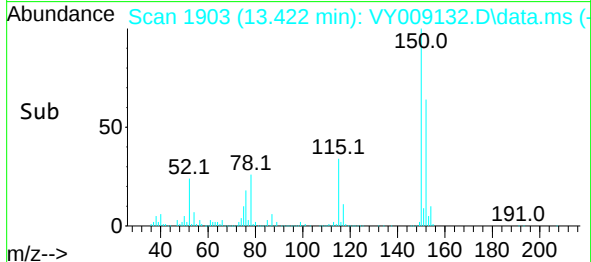
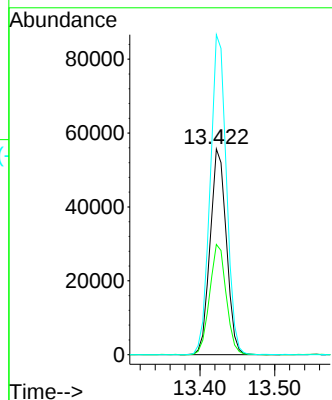
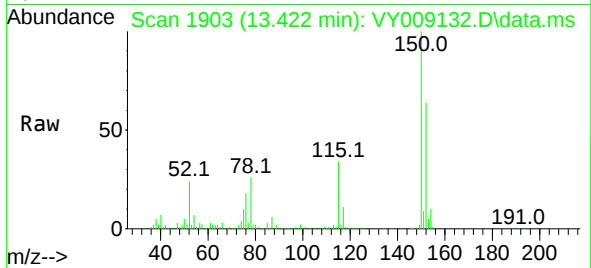




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1904
Delta R.T. -0.006 min
Lab File: VY009132.D
Acq: 02 Jun 2022 17:10

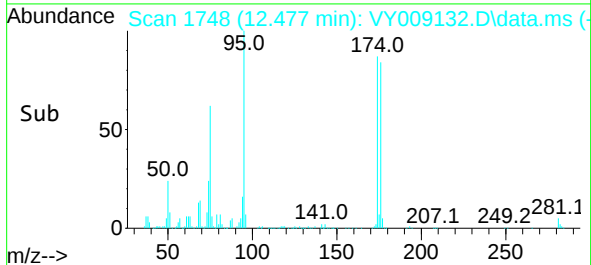
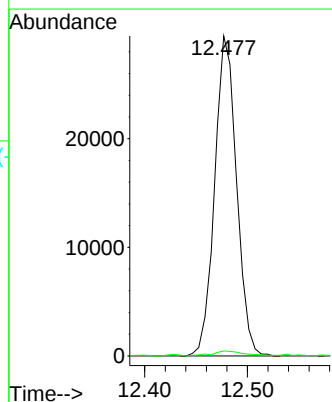
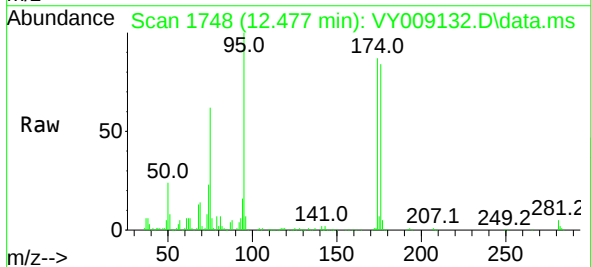
Instrument : MSVOA_Y
ClientSampleId : 20220425-AMENDED-COMP-E

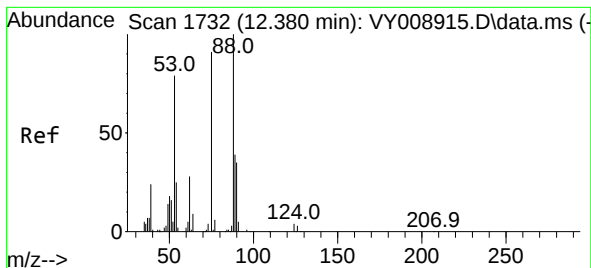
Tgt Ion:152 Resp: 83931
Ion Ratio Lower Upper
152 100
115 54.7 28.2 84.7
150 155.5 0.0 347.6



#76
1,2,3-Trichloropropane
Concen: 48.320 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.153 min
Lab File: VY009132.D
Acq: 02 Jun 2022 17:10

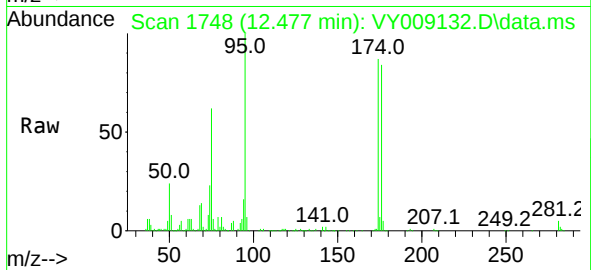
Tgt Ion: 75 Resp: 43552
Ion Ratio Lower Upper
75 100
77 2.2 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 99.178 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.097 min
 Lab File: VY009132.D
 Acq: 02 Jun 2022 17:10

Instrument :
 MSVOA_Y
 ClientSampleId :
 20220425-AMENDED-COMP-E



Tgt Ion: 75 Resp: 43552
 Ion Ratio Lower Upper
 75 100
 53 0.3 85.3 127.9#
 89 0.0 37.0 55.4#

