

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090922\
 Data File : VY010436.D
 Acq On : 09 Sep 2022 22:26
 Operator : KP/MD
 Sample : N4520-03
 Misc : 5.09g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 600540642

Quant Time: Sep 12 03:01:41 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090922S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 09 17:08:30 2022
 Response via : Initial Calibration

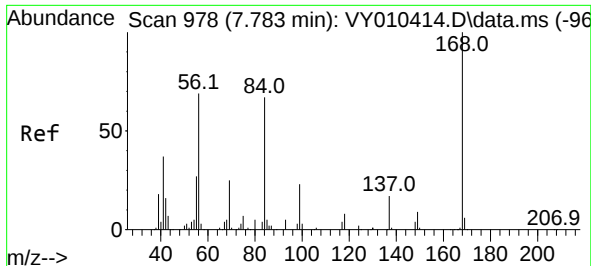
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.789	168	198880	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	334156	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	313944	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	144881	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	106907	53.372	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 106.740%	
35) Dibromofluoromethane	7.716	113	103191	43.482	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 86.960%	
50) Toluene-d8	10.179	98	394162	51.247	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 102.500%	
62) 4-Bromofluorobenzene	12.483	95	132670	42.607	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 85.220%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.894	85	90	Below Cal	#	43
11) Tert butyl alcohol	4.942	59	1472	Below Cal	#	77
16) Acetone	3.948	43	2333	5.075	ug/l	97
20) Methylene Chloride	4.710	84	10343	Below Cal		86
25) 2-Butanone	6.972	43	1992	2.727	ug/l	99
31) Cyclohexane	7.783	56	3814	1.127	ug/l #	1
36) 1,1-Dichloropropene	7.789	75	14625	4.501	ug/l #	51
37) Ethyl Acetate	6.972	43	1992	1.166	ug/l #	1
38) Carbon Tetrachloride	7.789	117	19268	5.331	ug/l #	15
76) 1,2,3-Trichloropropane	12.477	75	68854	43.061	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	68854	95.610	ug/l #	7

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

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Quant Title : SW846 8260
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Response via : Initial Calibration

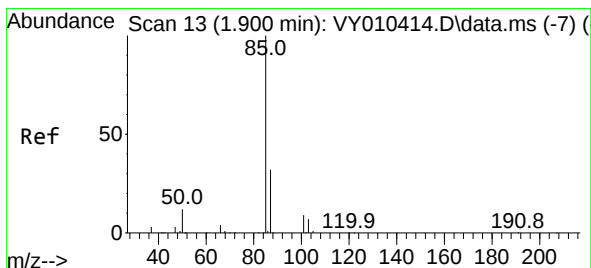
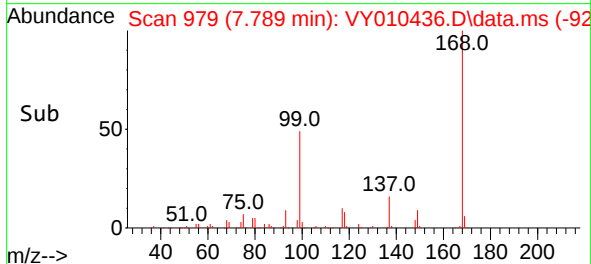
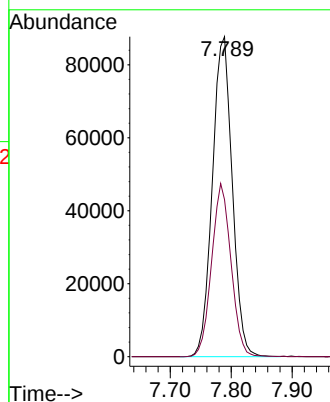
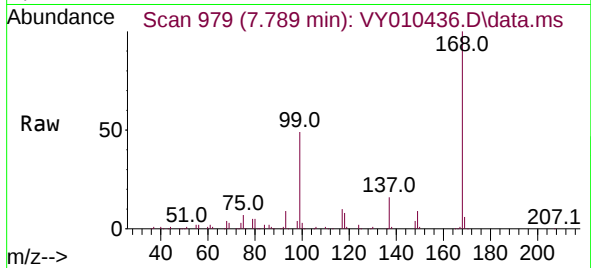




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY010436.D
Acq: 09 Sep 2022 22:26

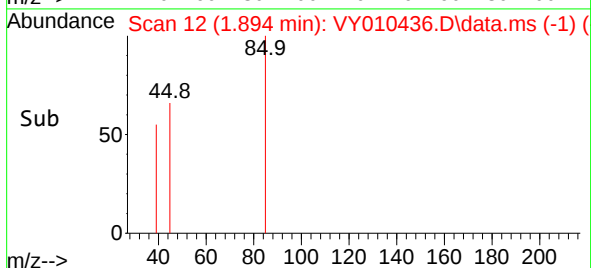
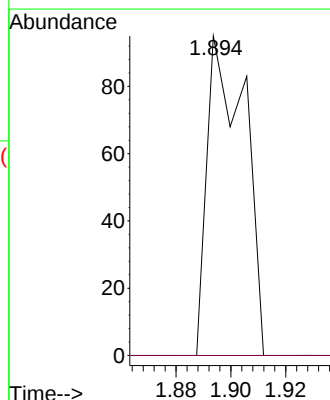
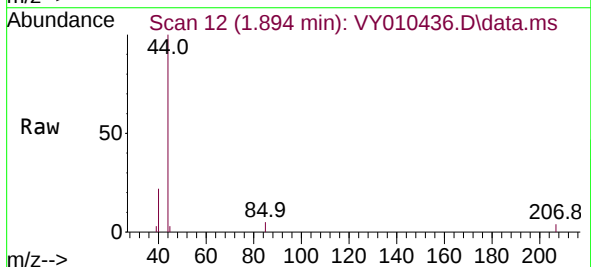
Instrument :
MSVOA_Y
ClientSampleId :
600540642

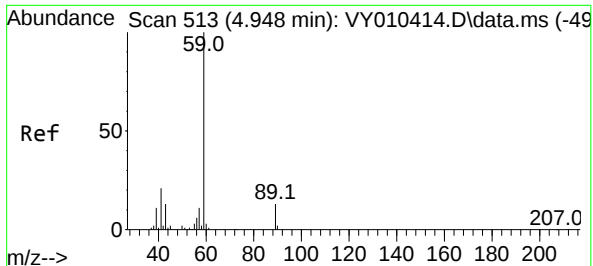
Tgt Ion:168 Resp: 198880
Ion Ratio Lower Upper
168 100
99 49.1 46.9 70.3



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.894 min Scan# 12
Delta R.T. -0.006 min
Lab File: VY010436.D
Acq: 09 Sep 2022 22:26

Tgt Ion: 85 Resp: 90
Ion Ratio Lower Upper
85 100
87 0.0 16.1 48.2#





#11

Tert butyl alcohol

Concen: Below Cal

RT: 4.942 min Scan# 513

Delta R.T. -0.006 min

Lab File: VY010436.D

Acq: 09 Sep 2022 22:26

Instrument :

MSVOA_Y

ClientSampleId :

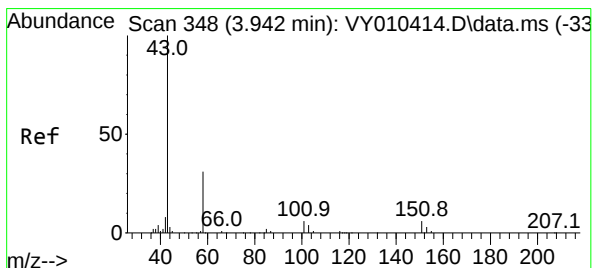
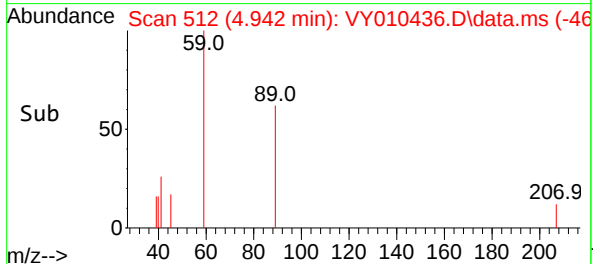
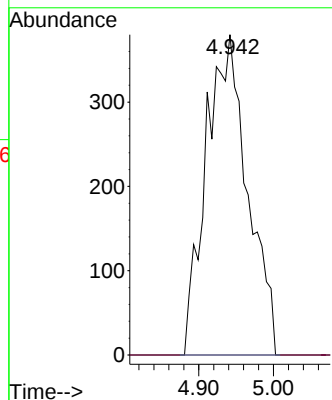
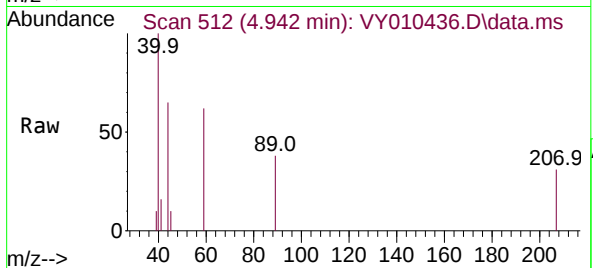
600540642

Tgt Ion: 59 Resp: 1472

Ion Ratio Lower Upper

59 100

57 0.0 6.4 9.6#



#16

Acetone

Concen: 5.075 ug/l

RT: 3.948 min Scan# 349

Delta R.T. 0.006 min

Lab File: VY010436.D

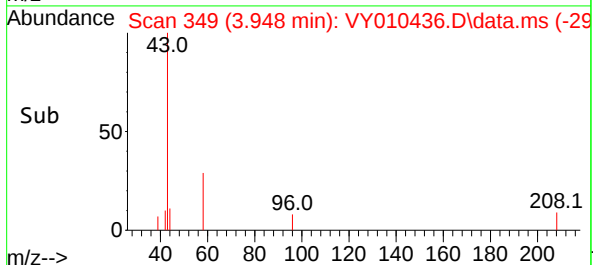
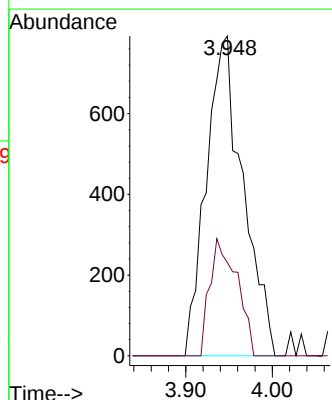
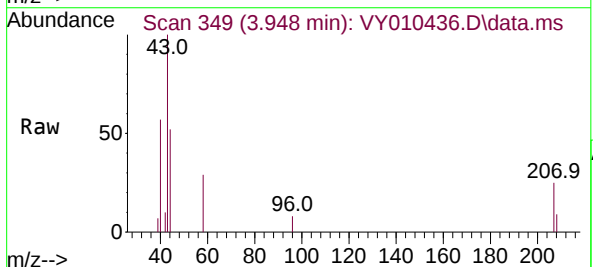
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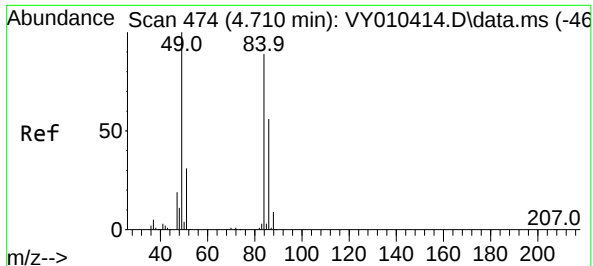
Tgt Ion: 43 Resp: 2333

Ion Ratio Lower Upper

43 100

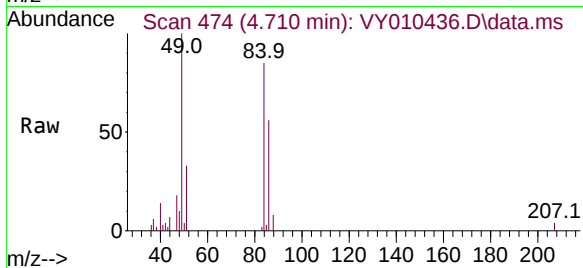
58 29.2 22.0 33.0



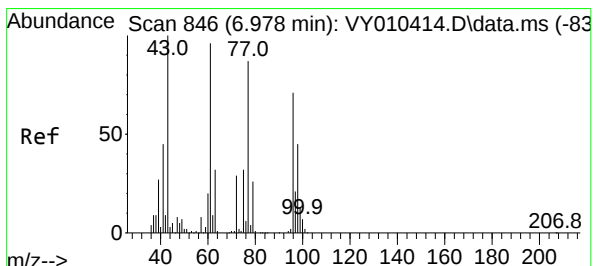
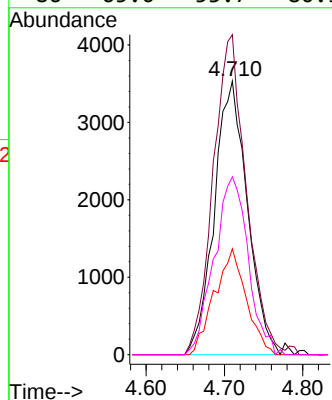
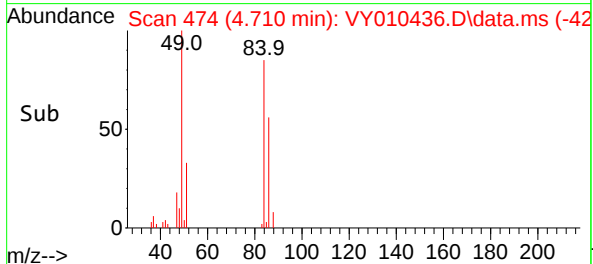


#20
Methylene Chloride
Concen: Below Cal
RT: 4.710 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY010436.D
Acq: 09 Sep 2022 22:26

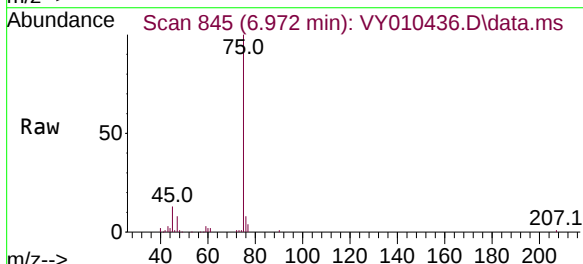
Instrument :
MSVOA_Y
ClientSampleId :
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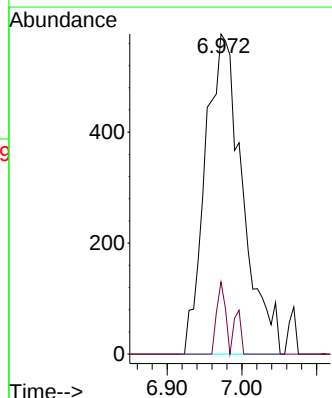
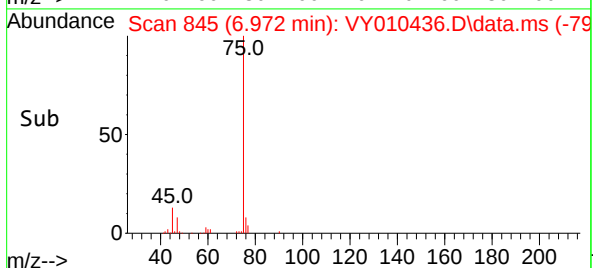
Tgt Ion: 84 Resp: 10343
Ion Ratio Lower Upper
84 100
49 117.0 114.4 171.6
51 38.7 35.3 52.9
86 65.0 53.7 80.5

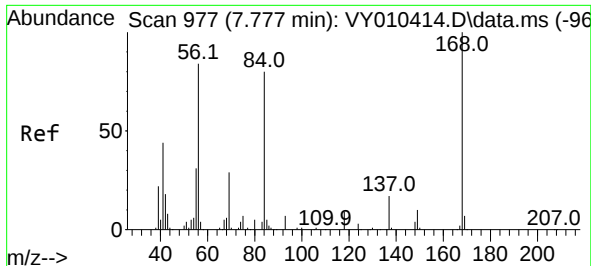


#25
2-Butanone
Concen: 2.727 ug/l
RT: 6.972 min Scan# 845
Delta R.T. -0.006 min
Lab File: VY010436.D
Acq: 09 Sep 2022 22:26



Tgt Ion: 43 Resp: 1992
Ion Ratio Lower Upper
43 100
72 22.5 17.7 26.5

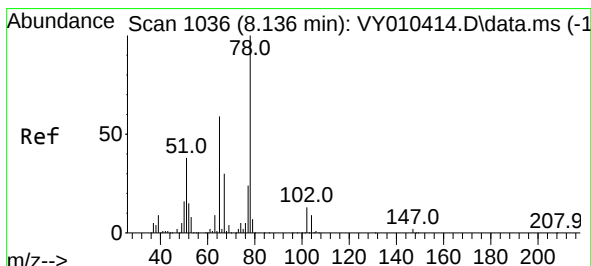
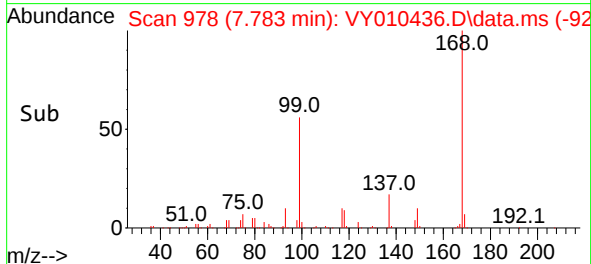
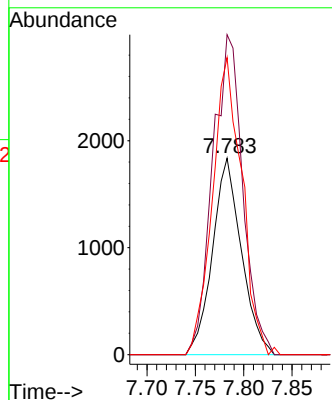
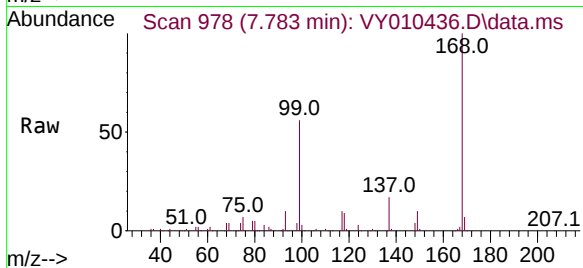




#31
Cyclohexane
Concen: 1.127 ug/l
RT: 7.783 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY010436.D
Acq: 09 Sep 2022 22:26

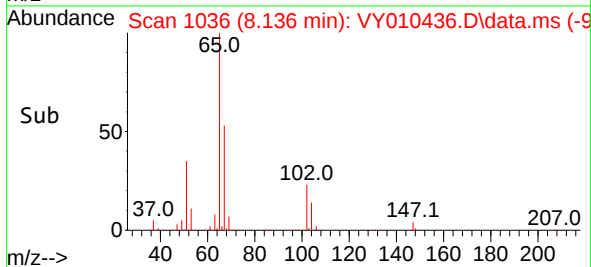
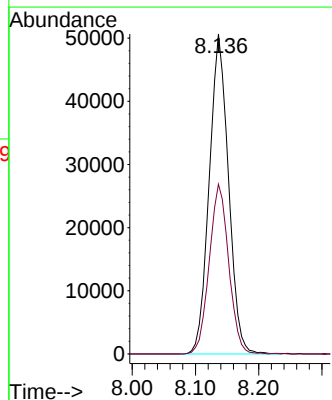
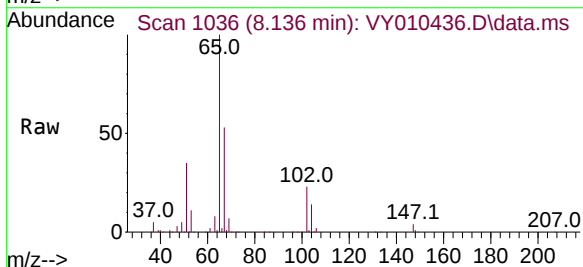
Instrument :
MSVOA_Y
ClientSampleId :
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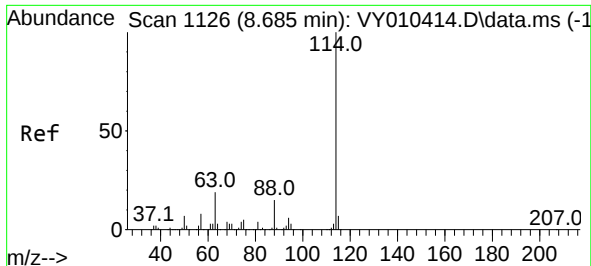
Tgt Ion: 56 Resp: 3814
Ion Ratio Lower Upper
56 100
69 162.9 26.7 40.1#
84 151.3 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 53.372 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY010436.D
Acq: 09 Sep 2022 22:26

Tgt Ion: 65 Resp: 106907
Ion Ratio Lower Upper
65 100
67 53.6 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: VY010436.D

Acq: 09 Sep 2022 22:26

Instrument :

MSVOA_Y

ClientSampleId :

600540642

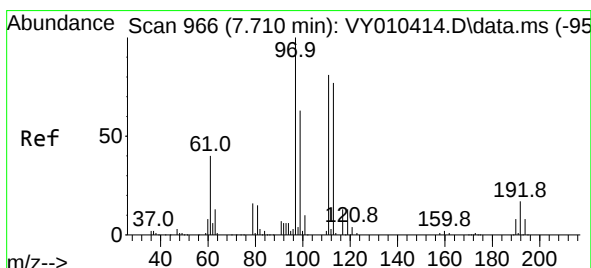
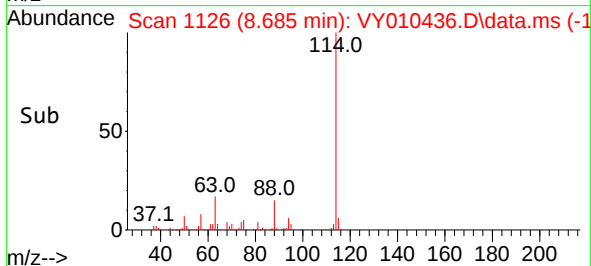
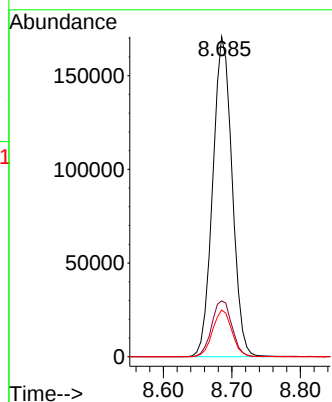
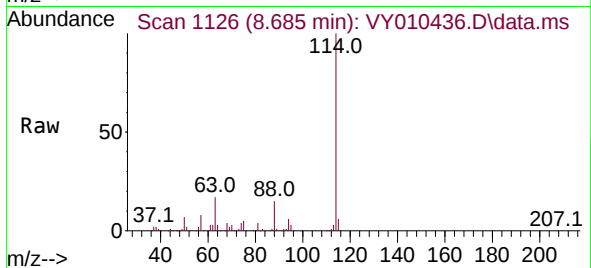
Tgt Ion:114 Resp: 334156

Ion Ratio Lower Upper

114 100

63 17.5 0.0 43.2

88 14.5 0.0 31.8



#35

Dibromofluoromethane

Concen: 43.482 ug/l

RT: 7.716 min Scan# 967

Delta R.T. 0.006 min

Lab File: VY010436.D

Acq: 09 Sep 2022 22:26

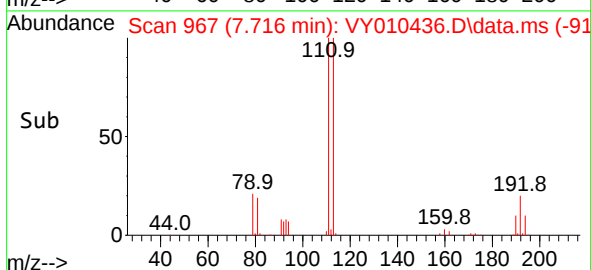
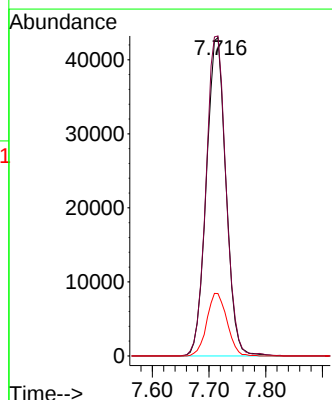
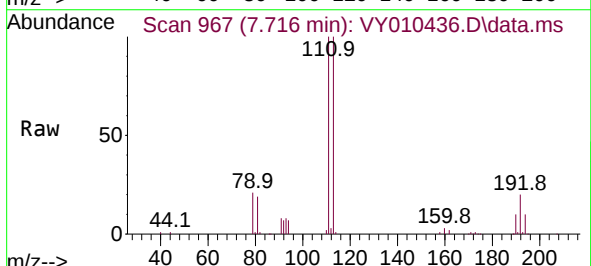
Tgt Ion:113 Resp: 103191

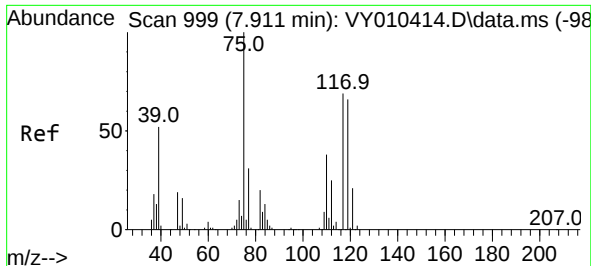
Ion Ratio Lower Upper

113 100

111 102.6 82.6 124.0

192 20.2 17.6 26.4

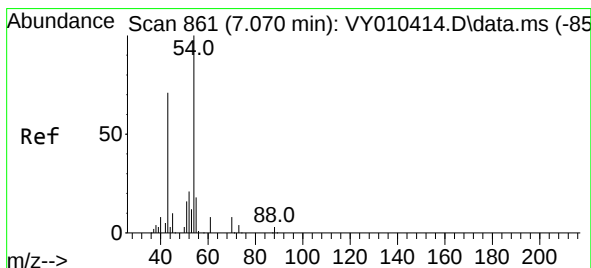
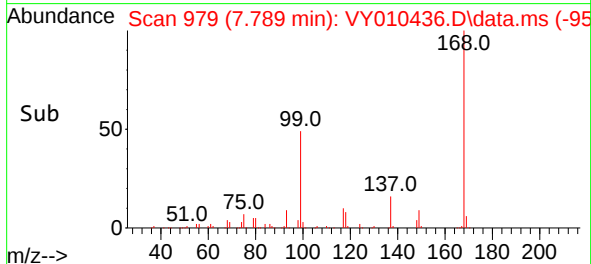
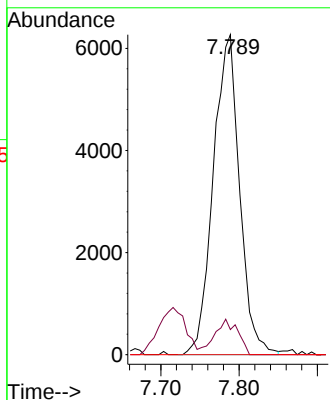
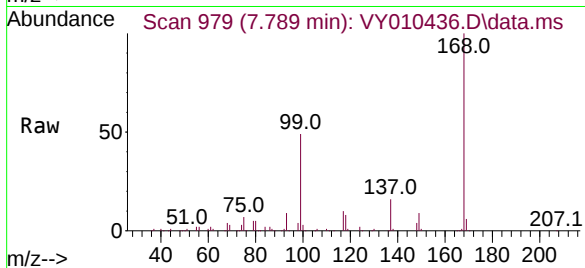




#36
 1,1-Dichloropropene
 Concen: 4.501 ug/l
 RT: 7.789 min Scan# 91
 Delta R.T. -0.122 min
 Lab File: VY010436.D
 Acq: 09 Sep 2022 22:26

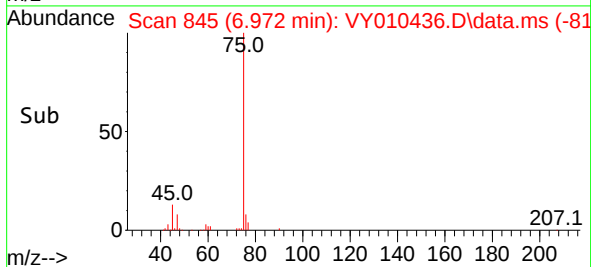
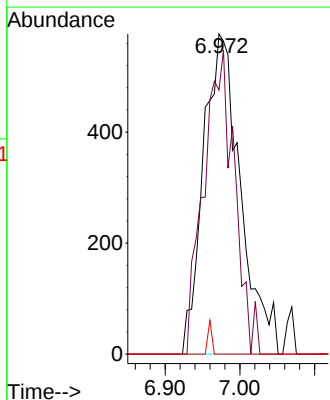
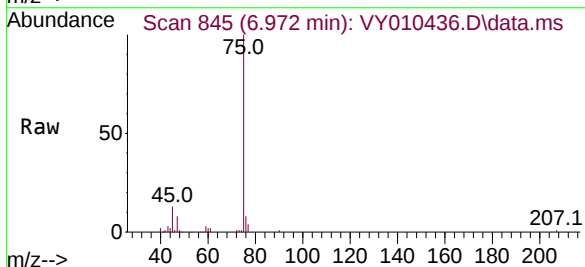
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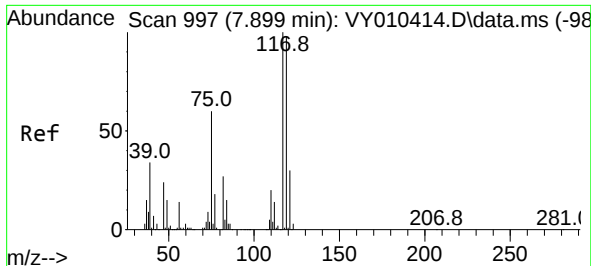
Tgt Ion: 75 Resp: 14625
 Ion Ratio Lower Upper
 75 100
 110 9.5 17.1 51.2#
 77 0.0 24.4 36.6#



#37
 Ethyl Acetate
 Concen: 1.166 ug/l
 RT: 6.972 min Scan# 845
 Delta R.T. -0.098 min
 Lab File: VY010436.D
 Acq: 09 Sep 2022 22:26

Tgt Ion: 43 Resp: 1992
 Ion Ratio Lower Upper
 43 100
 61 78.8 9.7 14.5#
 70 1.1 7.1 10.7#

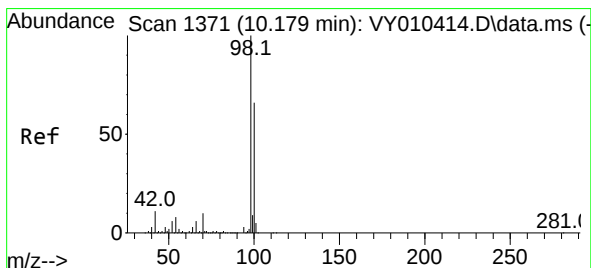
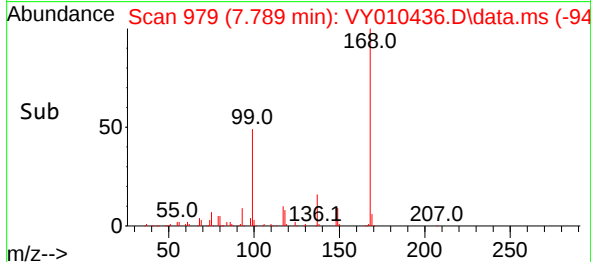
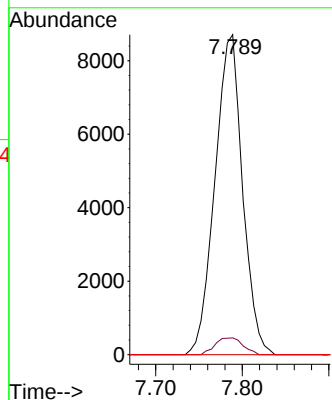
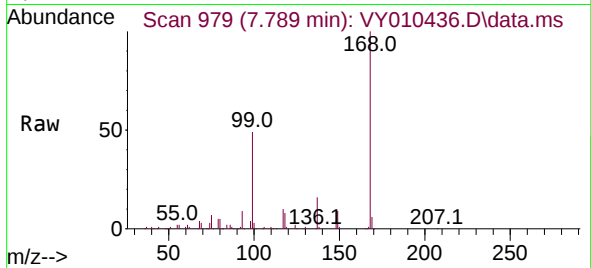




#38
Carbon Tetrachloride
Concen: 5.331 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY010436.D
Acq: 09 Sep 2022 22:26

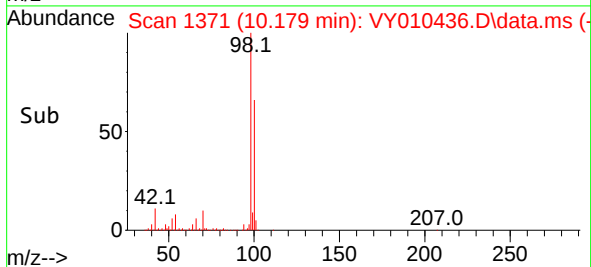
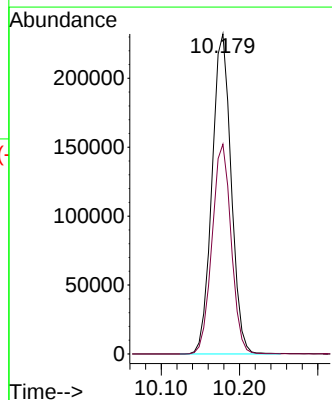
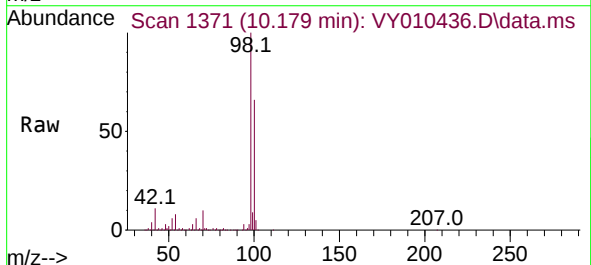
Instrument :
MSVOA_Y
ClientSampleId :
600540642

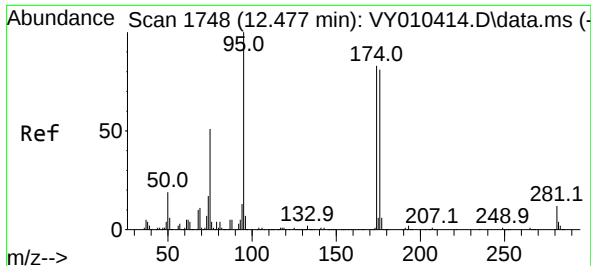
Tgt Ion:117 Resp: 19268
Ion Ratio Lower Upper
117 100
119 5.3 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 51.247 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY010436.D
Acq: 09 Sep 2022 22:26

Tgt Ion: 98 Resp: 394162
Ion Ratio Lower Upper
98 100
100 65.4 50.2 75.2

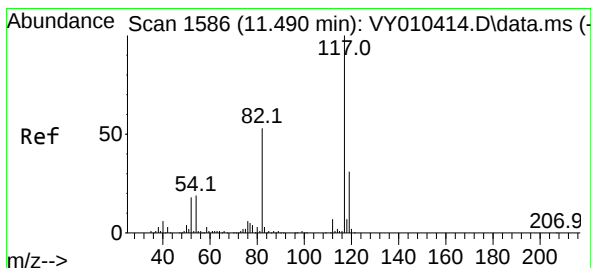
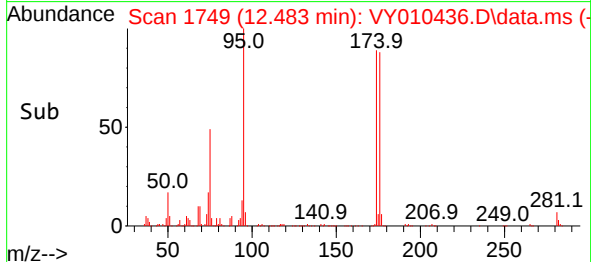
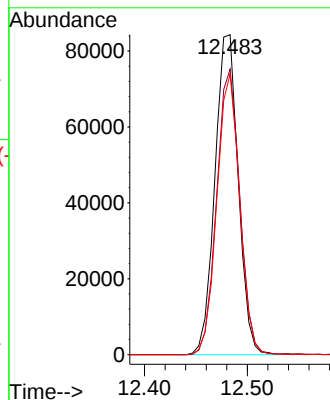
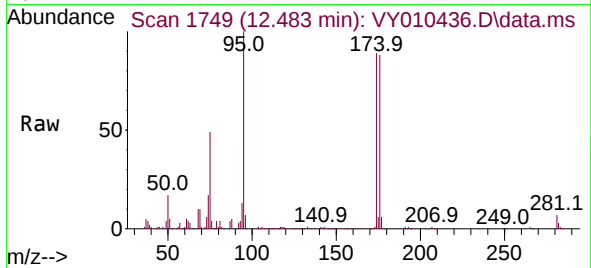




#62
4-Bromofluorobenzene
Concen: 42.607 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY010436.D
Acq: 09 Sep 2022 22:26

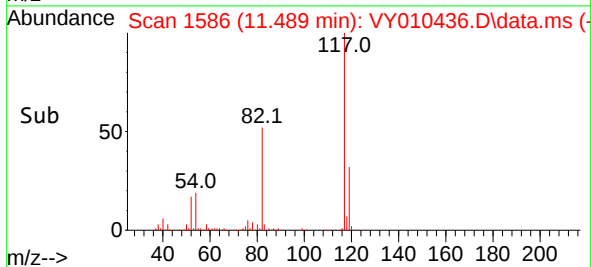
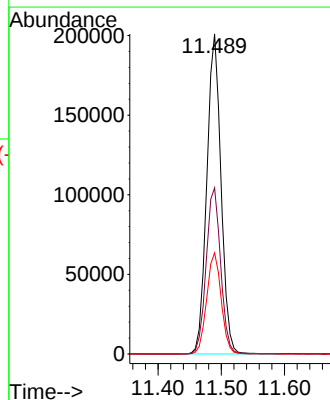
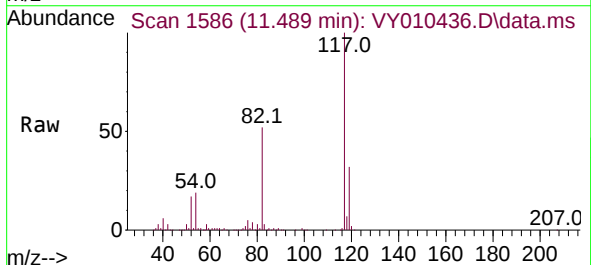
Instrument :
MSVOA_Y
ClientSampleId :
600540642

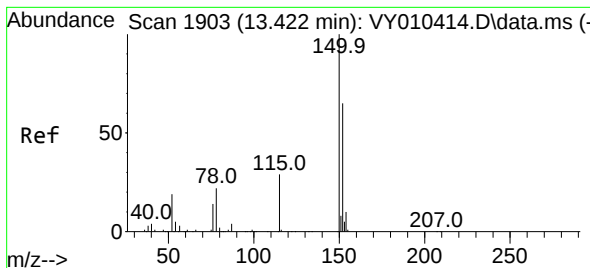
Tgt Ion: 95 Resp: 132670
Ion Ratio Lower Upper
95 100
174 88.4 0.0 177.0
176 85.8 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.001 min
Lab File: VY010436.D
Acq: 09 Sep 2022 22:26

Tgt Ion: 117 Resp: 313944
Ion Ratio Lower Upper
117 100
82 51.9 43.0 64.4
119 31.6 25.4 38.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VY010436.D

Acq: 09 Sep 2022 22:26

Instrument :

MSVOA_Y

ClientSampleId :

600540642

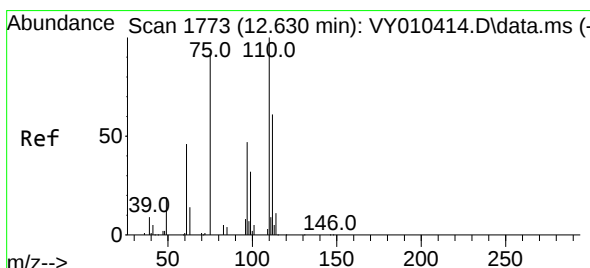
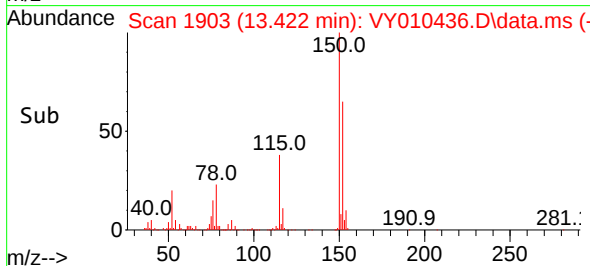
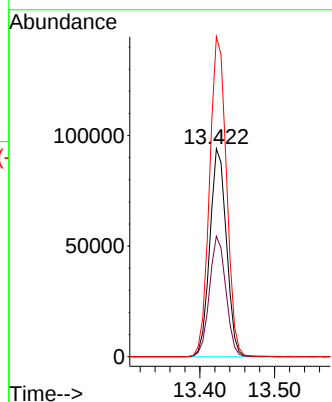
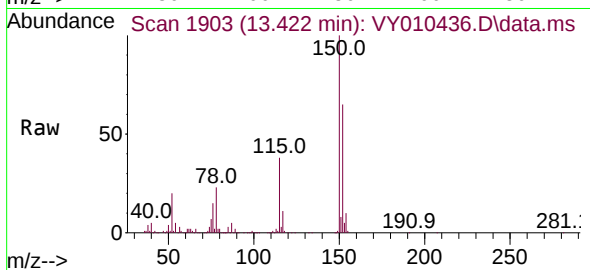
Tgt Ion:152 Resp: 144881

Ion Ratio Lower Upper

152 100

115 57.3 28.2 84.7

150 156.8 0.0 347.6



#76

1,2,3-Trichloropropane

Concen: 43.061 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. -0.153 min

Lab File: VY010436.D

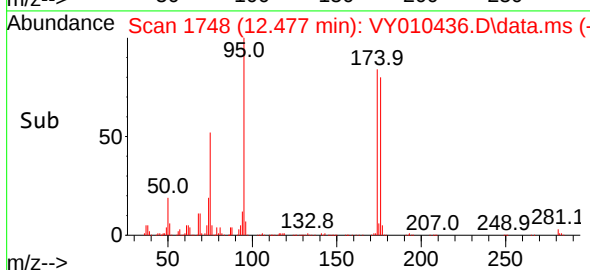
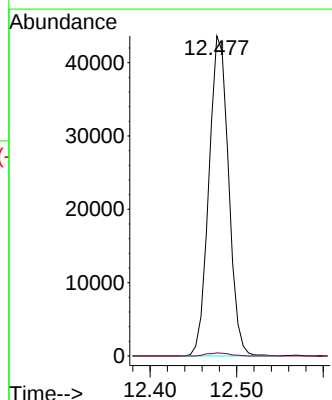
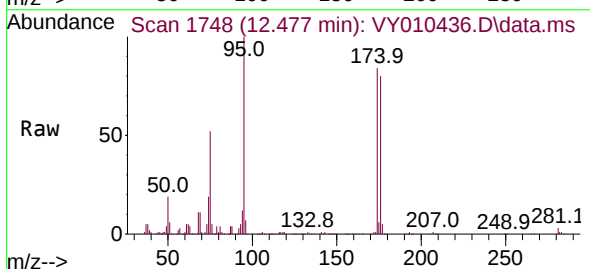
Acq: 09 Sep 2022 22:26

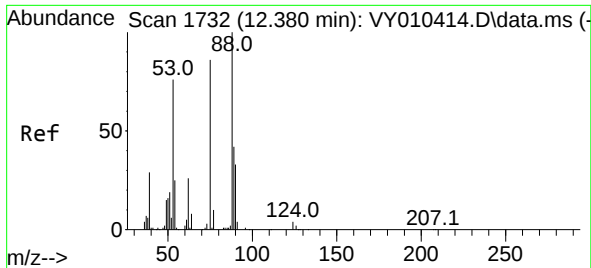
Tgt Ion: 75 Resp: 68854

Ion Ratio Lower Upper

75 100

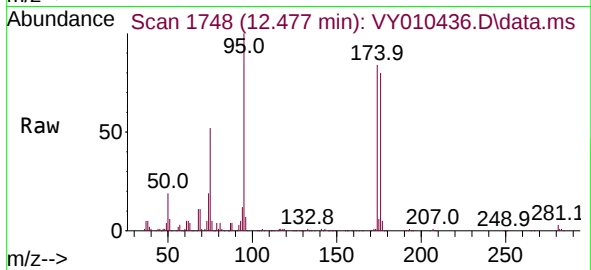
77 1.1 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 95.610 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.097 min
 Lab File: VY010436.D
 Acq: 09 Sep 2022 22:26

Instrument :
 MSVOA_Y
 ClientSampleId :
 600540642



Tgt Ion	Ratio	Lower	Upper
75	100		
53	0.0	85.3	127.9#
89	0.1	37.0	55.4#

