

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121522\
 Data File : VX033436.D
 Acq On : 15 Dec 2022 12:55
 Operator : JC/MD
 Sample : N6070-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 OWBR-01-160-180-121422

Quant Time: Dec 16 01:01:26 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X120722W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 07 12:43:54 2022
 Response via : Initial Calibration

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

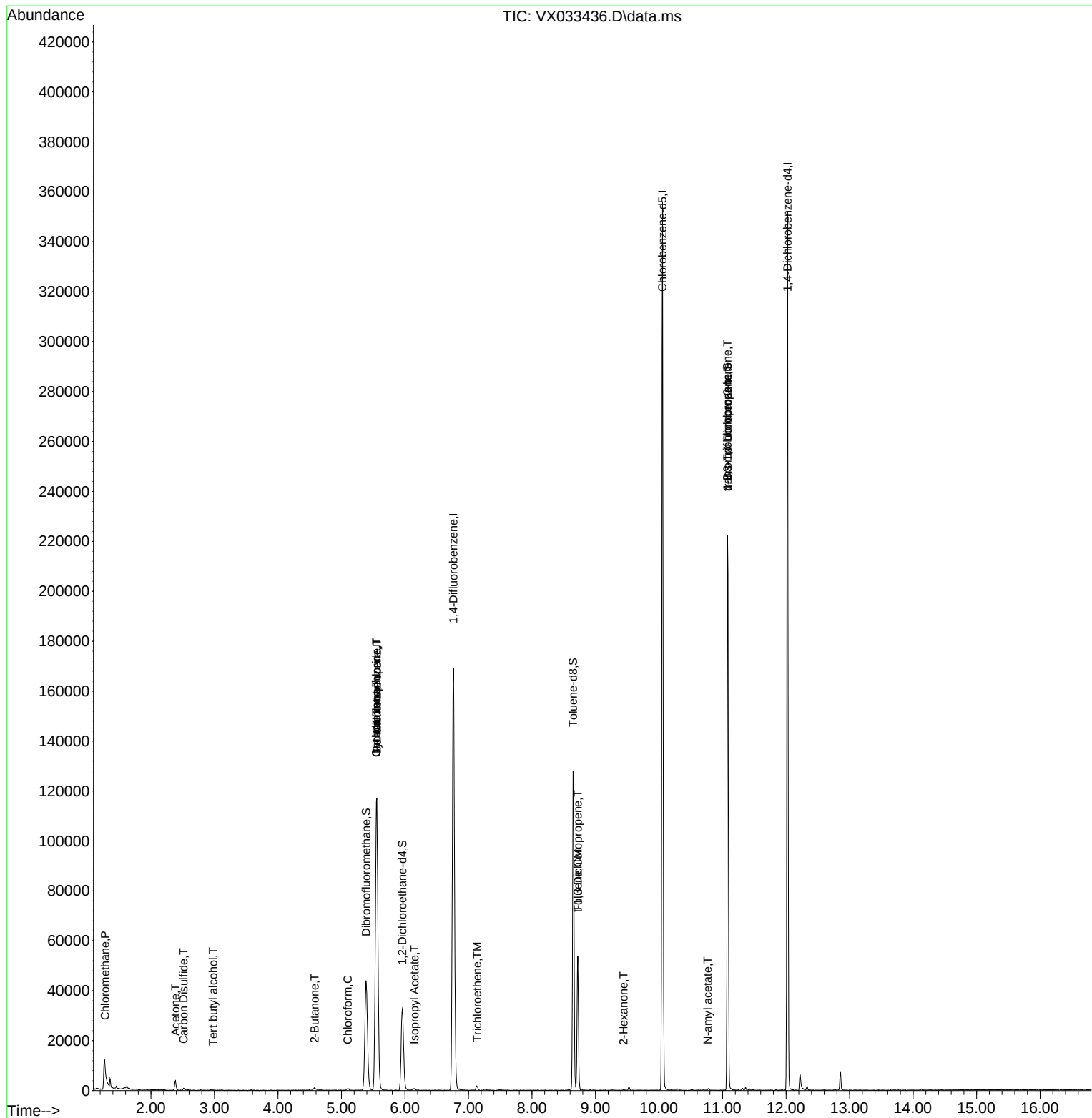
Internal Standards						
1) Pentafluorobenzene	5.556	168	112732	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	179781	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	158358	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	73130	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	34565	47.794	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	95.580%		
35) Dibromofluoromethane	5.385	113	39012	48.245	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.500%		
50) Toluene-d8	8.647	98	78994	46.698	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	93.400%		
62) 4-Bromofluorobenzene	11.079	95	58963	45.587	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	91.180%		
Target Compounds						Qvalue
3) Chloromethane	1.276	50	365	0.401	ug/l #	43
11) Tert butyl alcohol	2.977	59	226	1.022	ug/l #	72
16) Acetone	2.386	43	4207	7.861	ug/l	91
17) Carbon Disulfide	2.514	76	999	0.381	ug/l #	74
25) 2-Butanone	4.574	43	2086	2.716	ug/l	98
30) Chloroform	5.099	83	897	0.393	ug/l #	83
31) Cyclohexane	5.550	56	2239	1.303	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	8279	5.251	ug/l #	50
38) Carbon Tetrachloride	5.550	117	11763	6.659	ug/l #	15
43) Isopropyl Acetate	6.147	43	783	0.327	ug/l #	61
44) Trichloroethene	7.135	130	814	0.642	ug/l	92
52) Toluene	8.720	92	20595	6.930	ug/l	97
53) t-1,3-Dichloropropene	8.720	75	238	2.626	ug/l #	1
59) 2-Hexanone	9.439	43	281	0.251	ug/l	86
74) N-amyl acetate	10.768	43	475	0.263	ug/l #	43
76) 1,2,3-Trichloropropane	11.079	75	30800	20.701	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	30800	64.395	ug/l #	6

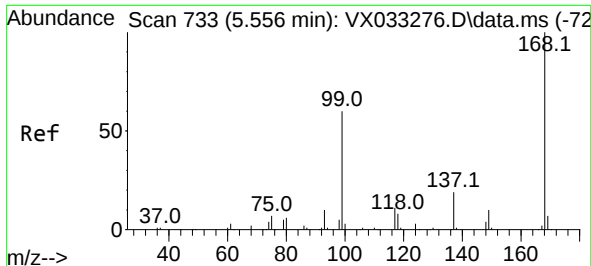
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121522\
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OWBR-01-160-180-121422

Quant Time: Dec 16 01:01:26 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X120722W.M
Quant Title : SW846 8260
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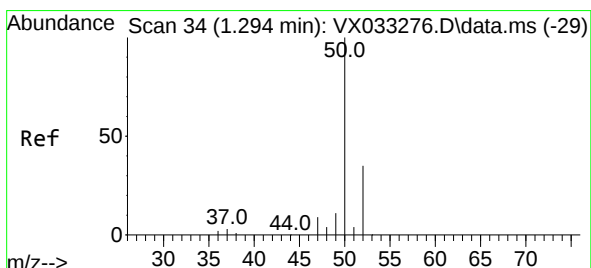
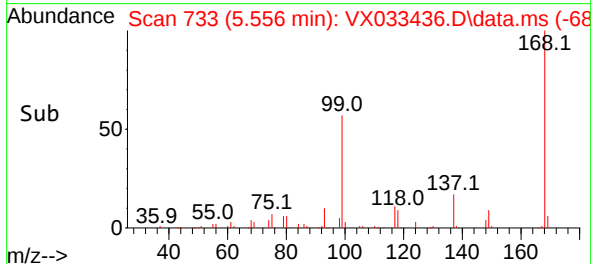
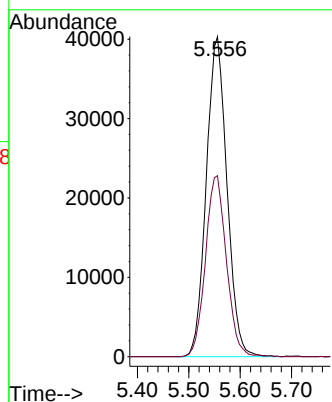
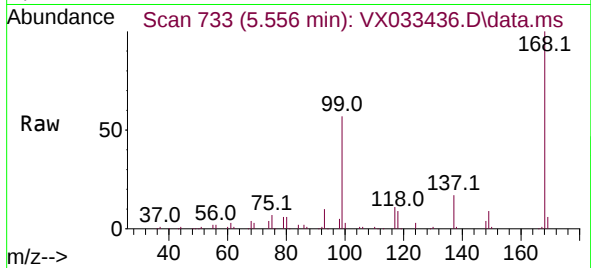




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX033436.D
Acq: 15 Dec 2022 12:55

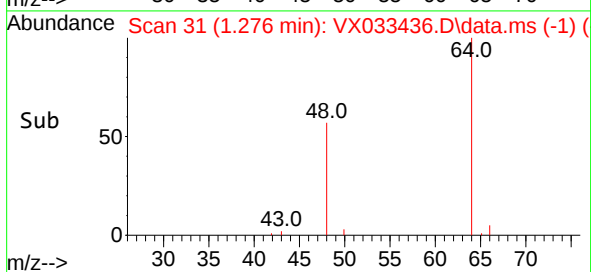
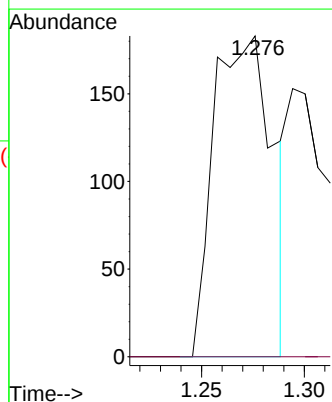
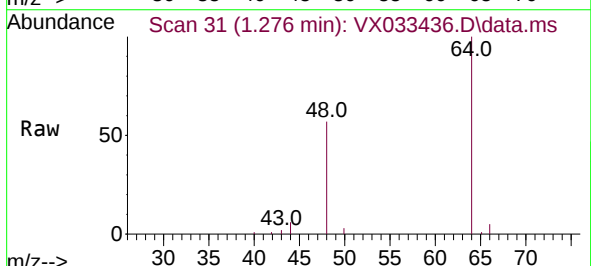
Instrument :
MSVOA_X
ClientSampleId :
OWBR-01-160-180-121422

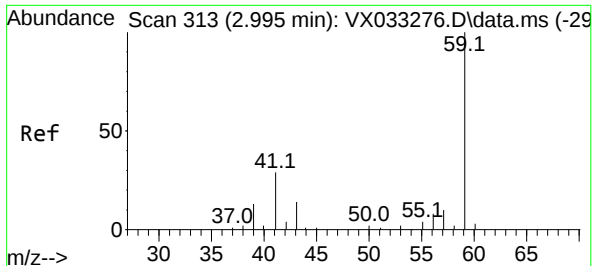
Tgt Ion:168 Resp: 112732
Ion Ratio Lower Upper
168 100
99 56.5 46.1 69.1



#3
Chloromethane
Concen: 0.401 ug/l
RT: 1.276 min Scan# 31
Delta R.T. -0.018 min
Lab File: VX033436.D
Acq: 15 Dec 2022 12:55

Tgt Ion: 50 Resp: 365
Ion Ratio Lower Upper
50 100
52 0.0 25.4 38.2#





#11

Tert butyl alcohol

Concen: 1.022 ug/l

RT: 2.977 min Scan# 31

Delta R.T. -0.018 min

Lab File: VX033436.D

Acq: 15 Dec 2022 12:55

Instrument :

MSVOA_X

ClientSampleId :

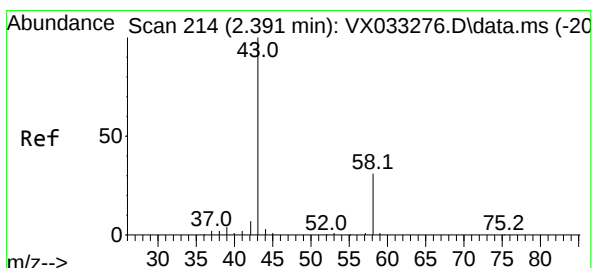
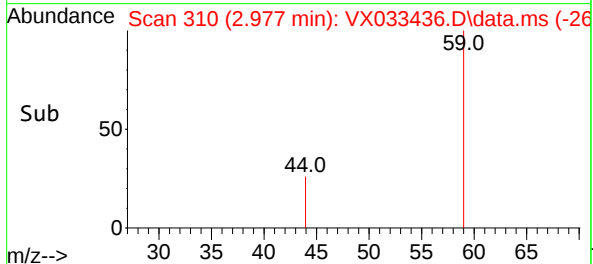
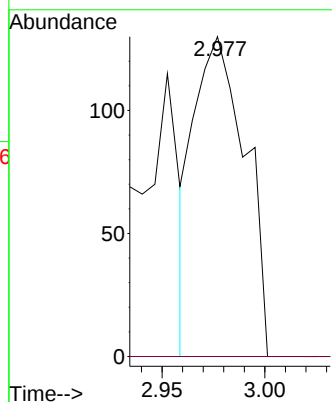
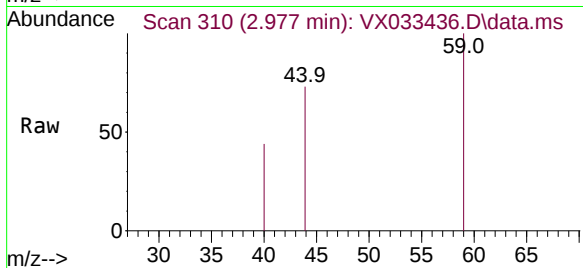
OWBR-01-160-180-121422

Tgt Ion: 59 Resp: 226

Ion Ratio Lower Upper

59 100

57 0.0 8.2 12.4#



#16

Acetone

Concen: 7.861 ug/l

RT: 2.386 min Scan# 213

Delta R.T. -0.006 min

Lab File: VX033436.D

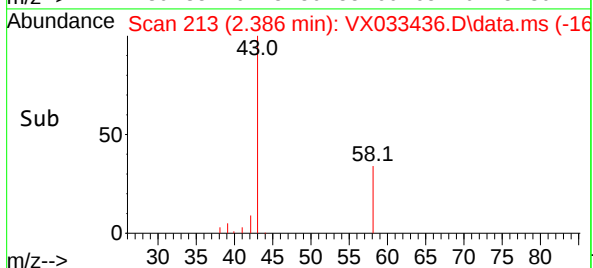
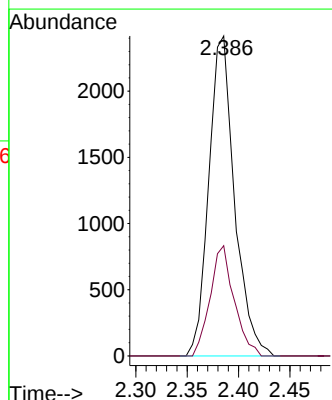
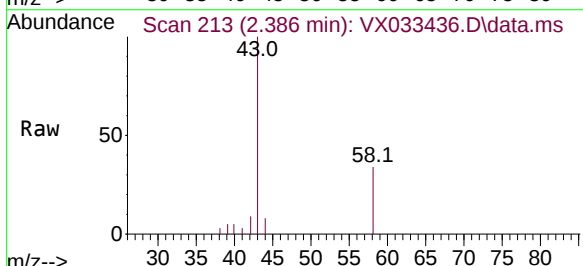
Acq: 15 Dec 2022 12:55

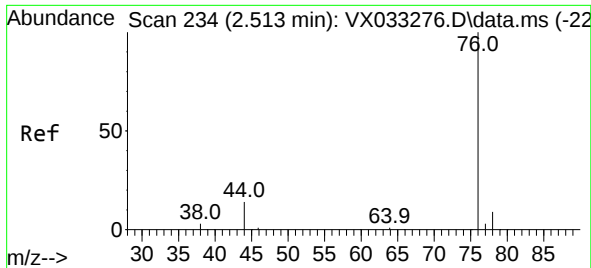
Tgt Ion: 43 Resp: 4207

Ion Ratio Lower Upper

43 100

58 34.4 23.8 35.8

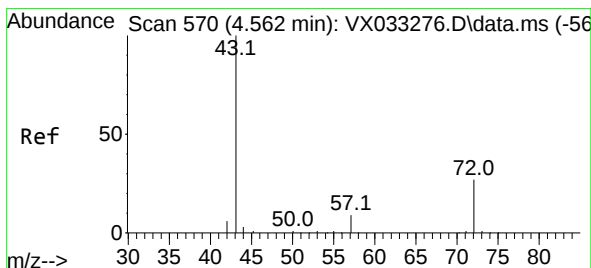
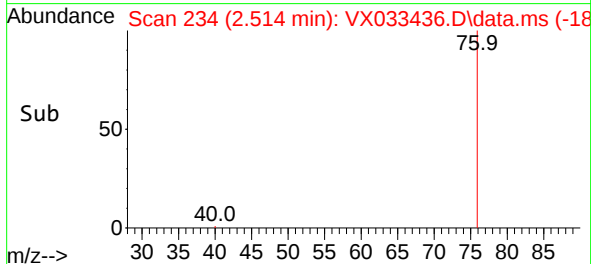
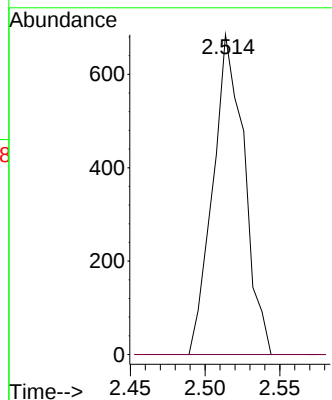
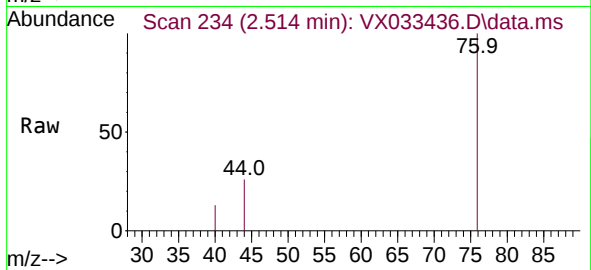




#17
Carbon Disulfide
Concen: 0.381 ug/l
RT: 2.514 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX033436.D
Acq: 15 Dec 2022 12:55

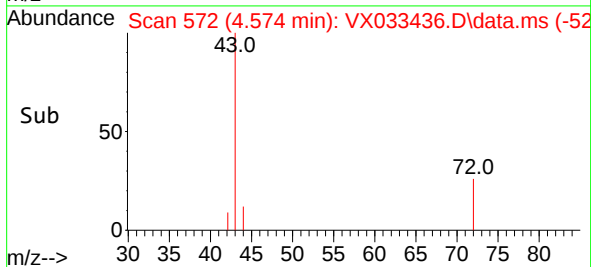
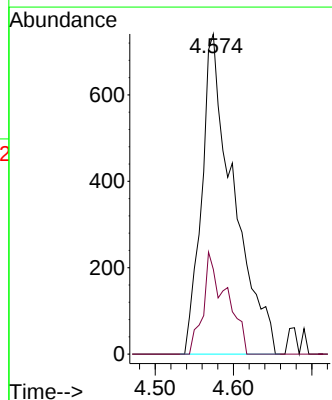
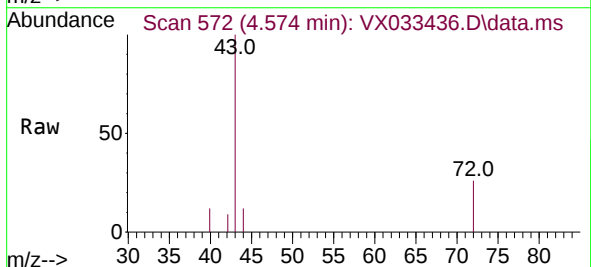
Instrument :
MSVOA_X
ClientSampleId :
OWBR-01-160-180-121422

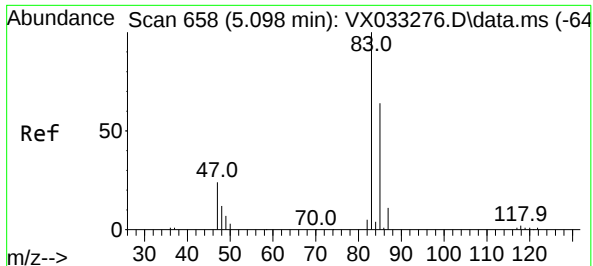
Tgt Ion: 76 Resp: 999
Ion Ratio Lower Upper
76 100
78 0.0 7.5 11.3#



#25
2-Butanone
Concen: 2.716 ug/l
RT: 4.574 min Scan# 572
Delta R.T. 0.012 min
Lab File: VX033436.D
Acq: 15 Dec 2022 12:55

Tgt Ion: 43 Resp: 2086
Ion Ratio Lower Upper
43 100
72 26.5 22.2 33.2





#30

Chloroform

Concen: 0.393 ug/l

RT: 5.099 min Scan# 61

Delta R.T. 0.000 min

Lab File: VX033436.D

Acq: 15 Dec 2022 12:55

Instrument :

MSVOA_X

ClientSampleId :

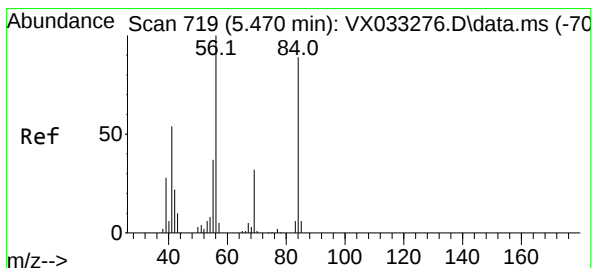
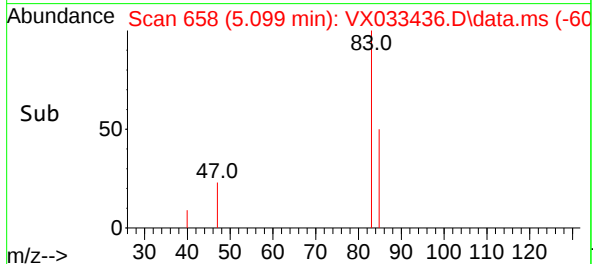
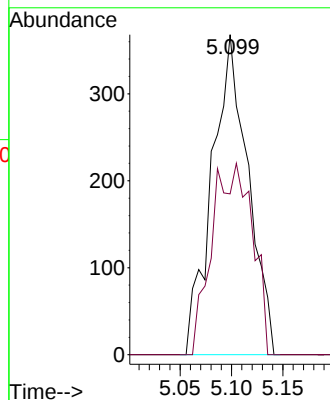
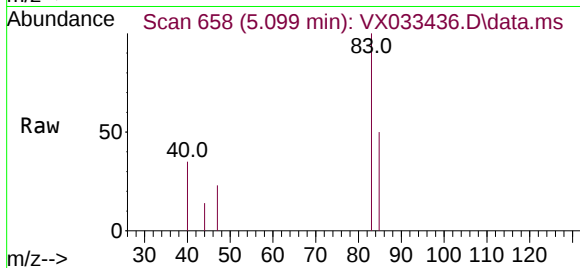
OWBR-01-160-180-121422

Tgt Ion: 83 Resp: 897

Ion Ratio Lower Upper

83 100

85 50.3 51.1 76.7#



#31

Cyclohexane

Concen: 1.303 ug/l

RT: 5.550 min Scan# 732

Delta R.T. 0.079 min

Lab File: VX033436.D

Acq: 15 Dec 2022 12:55

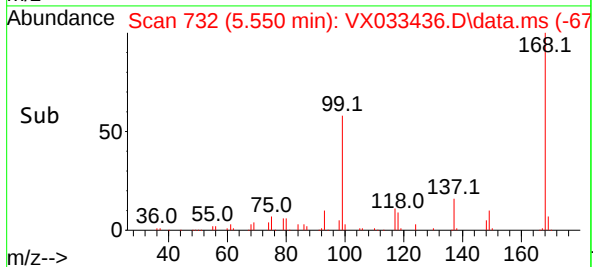
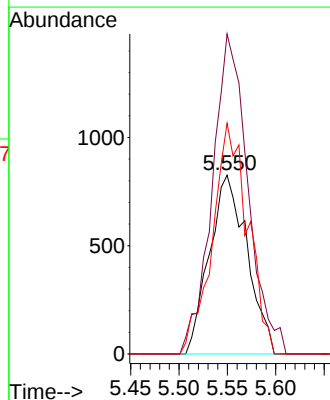
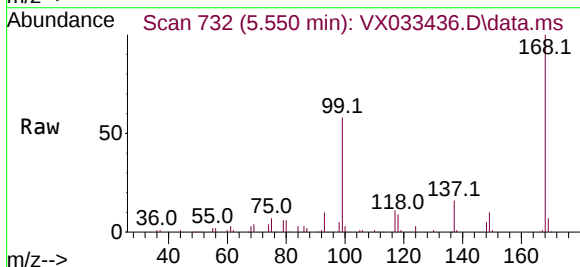
Tgt Ion: 56 Resp: 2239

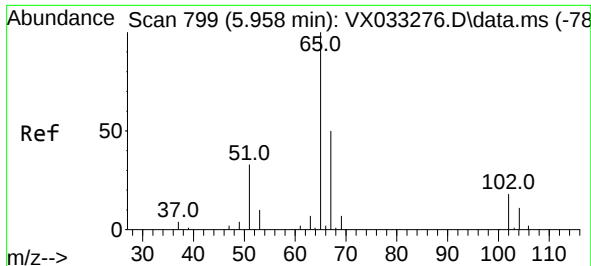
Ion Ratio Lower Upper

56 100

69 178.9 24.1 36.1#

84 129.1 66.9 100.3#





#33

1,2-Dichloroethane-d4

Concen: 47.794 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX033436.D

Acq: 15 Dec 2022 12:55

Instrument :

MSVOA_X

ClientSampleId :

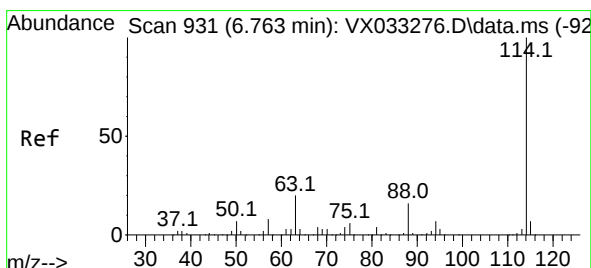
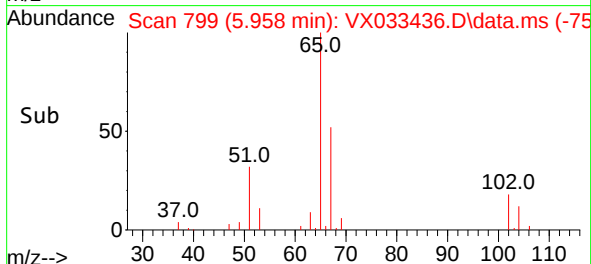
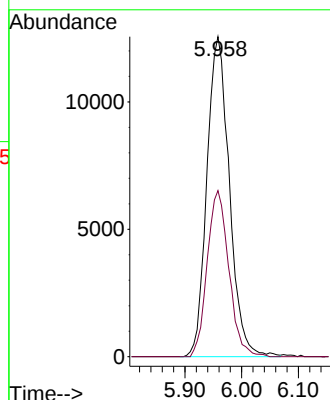
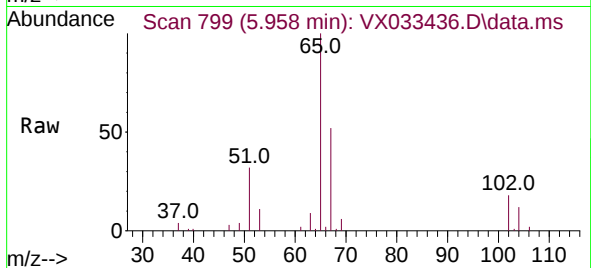
OWBR-01-160-180-121422

Tgt Ion: 65 Resp: 34565

Ion Ratio Lower Upper

65 100

67 50.0 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX033436.D

Acq: 15 Dec 2022 12:55

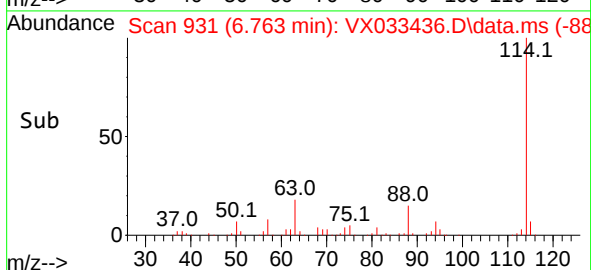
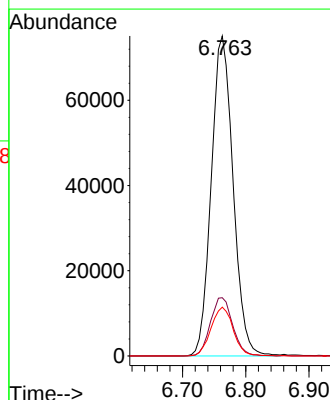
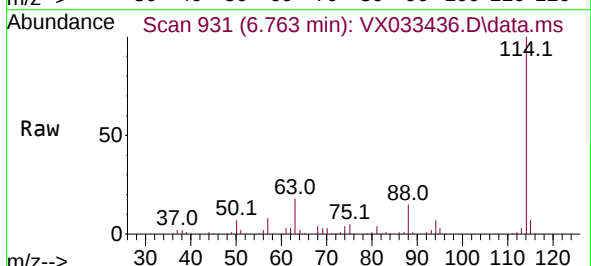
Tgt Ion: 114 Resp: 179781

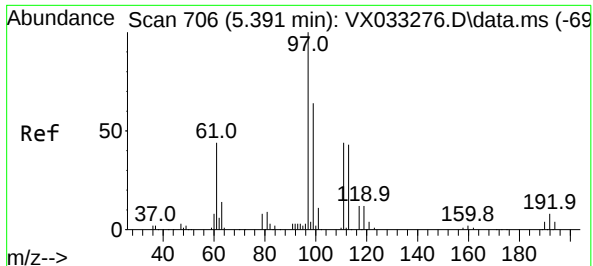
Ion Ratio Lower Upper

114 100

63 18.2 0.0 41.6

88 15.3 0.0 33.4





#35

Dibromofluoromethane

Concen: 48.245 ug/l

RT: 5.385 min Scan# 706

Delta R.T. -0.006 min

Lab File: VX033436.D

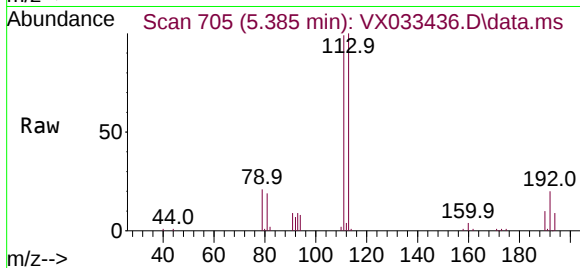
Acq: 15 Dec 2022 12:55

Instrument :

MSVOA_X

ClientSampleId :

OWBR-01-160-180-121422



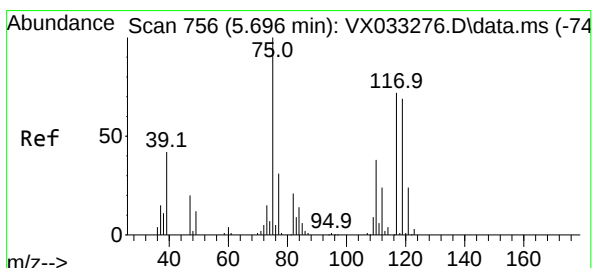
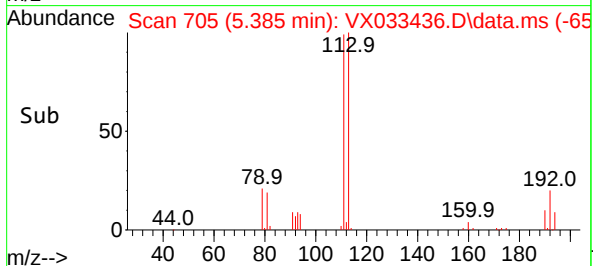
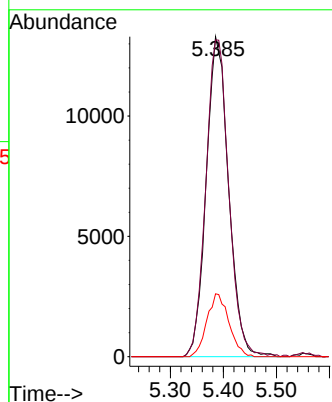
Tgt Ion:113 Resp: 39012

Ion Ratio Lower Upper

113 100

111 101.5 82.4 123.6

192 19.3 15.4 23.2



#36

1,1-Dichloropropene

Concen: 5.251 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.140 min

Lab File: VX033436.D

Acq: 15 Dec 2022 12:55

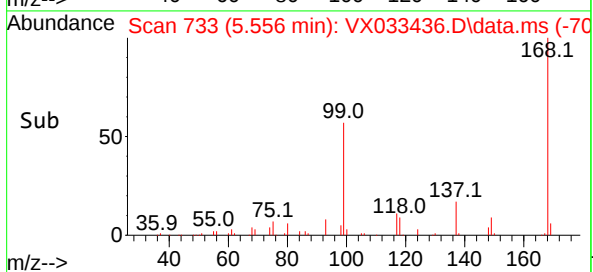
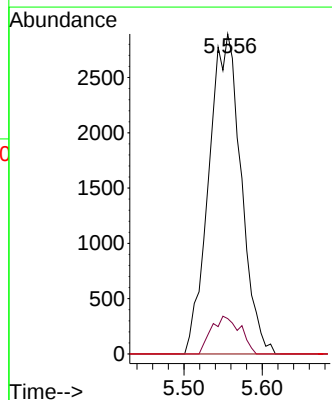
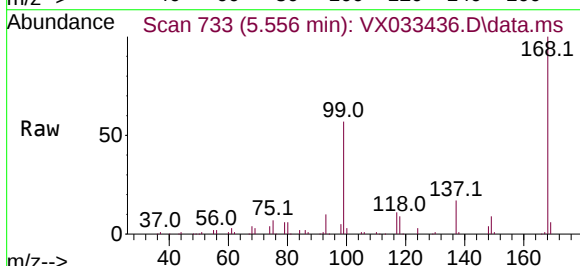
Tgt Ion: 75 Resp: 8279

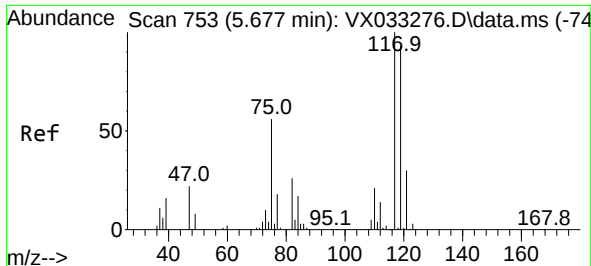
Ion Ratio Lower Upper

75 100

110 10.6 18.4 55.2#

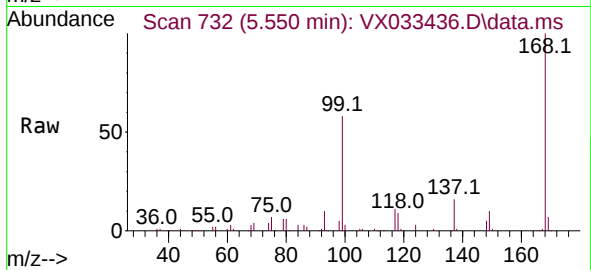
77 0.0 24.5 36.7#



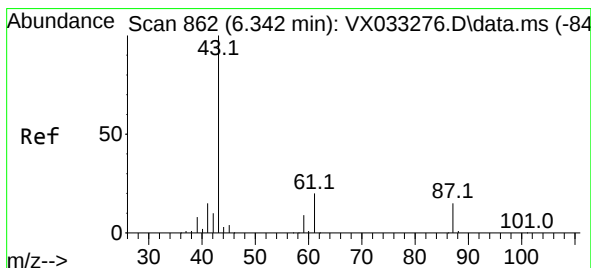
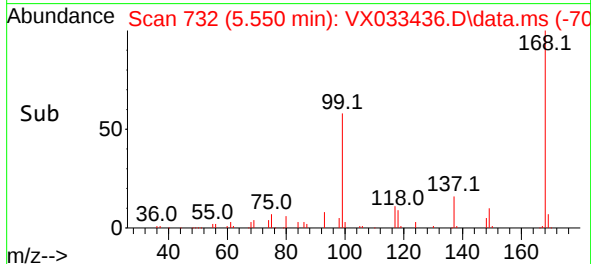
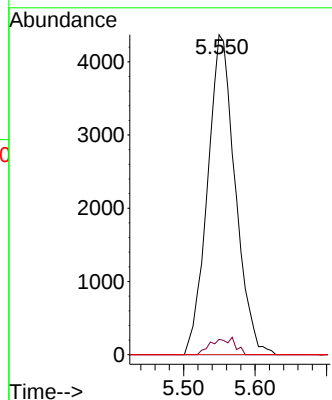


#38
Carbon Tetrachloride
Concen: 6.659 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX033436.D
Acq: 15 Dec 2022 12:55

Instrument :
MSVOA_X
ClientSampleId :
OWBR-01-160-180-121422

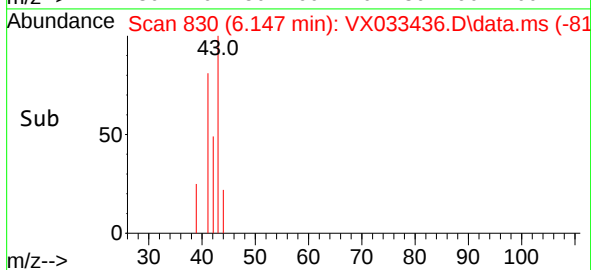
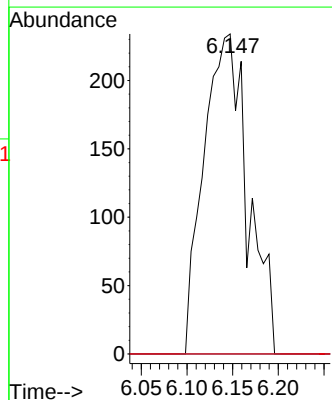
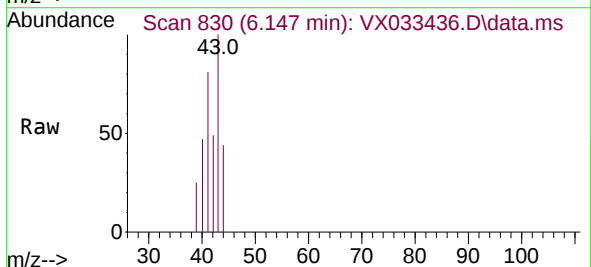


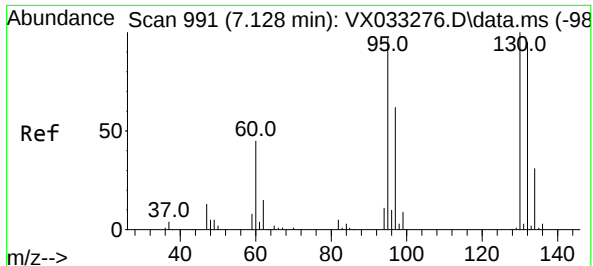
Tgt Ion:117 Resp: 11763
Ion Ratio Lower Upper
117 100
119 4.8 77.2 115.8#
121 0.0 25.8 38.6#



#43
Isopropyl Acetate
Concen: 0.327 ug/l
RT: 6.147 min Scan# 830
Delta R.T. -0.195 min
Lab File: VX033436.D
Acq: 15 Dec 2022 12:55

Tgt Ion: 43 Resp: 783
Ion Ratio Lower Upper
43 100
61 0.0 15.4 23.0#
87 0.0 10.8 16.2#

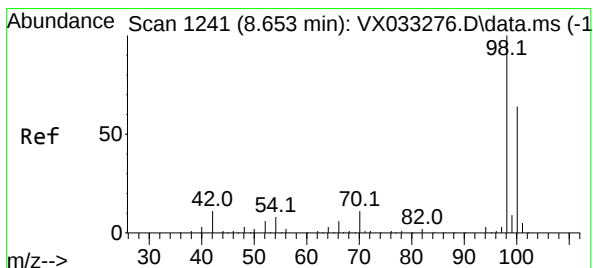
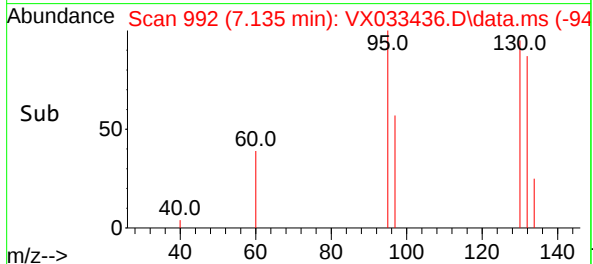
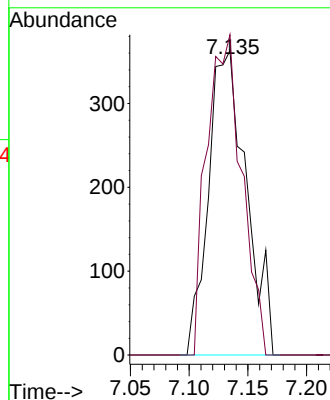
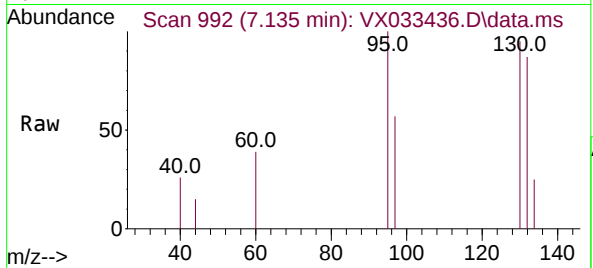




#44
Trichloroethene
Concen: 0.642 ug/l
RT: 7.135 min Scan# 991
Delta R.T. 0.006 min
Lab File: VX033436.D
Acq: 15 Dec 2022 12:55

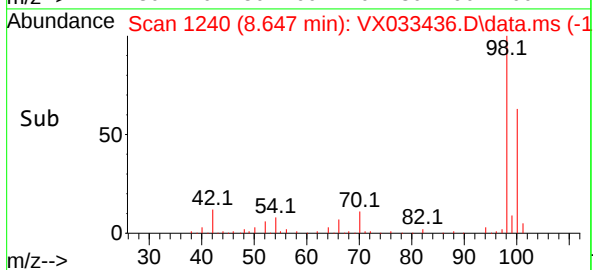
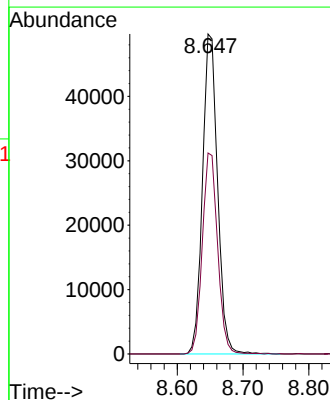
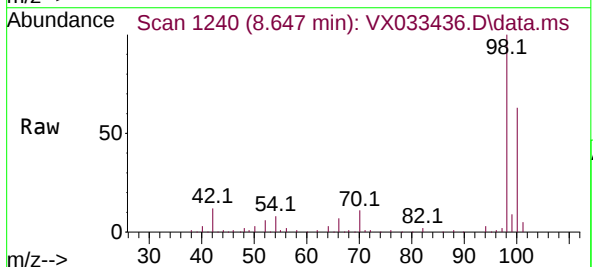
Instrument :
MSVOA_X
ClientSampleId :
OWBR-01-160-180-121422

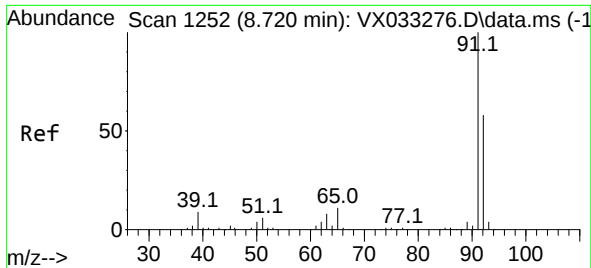
Tgt Ion:130 Resp: 814
Ion Ratio Lower Upper
130 100
95 105.2 0.0 195.2



#50
Toluene-d8
Concen: 46.698 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX033436.D
Acq: 15 Dec 2022 12:55

Tgt Ion: 98 Resp: 78994
Ion Ratio Lower Upper
98 100
100 63.7 50.9 76.3





#52

Toluene

Concen: 6.930 ug/l

RT: 8.720 min Scan# 1252

Delta R.T. 0.000 min

Lab File: VX033436.D

Acq: 15 Dec 2022 12:55

Instrument :

MSVOA_X

ClientSampleId :

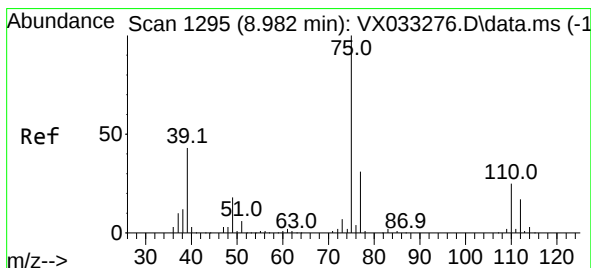
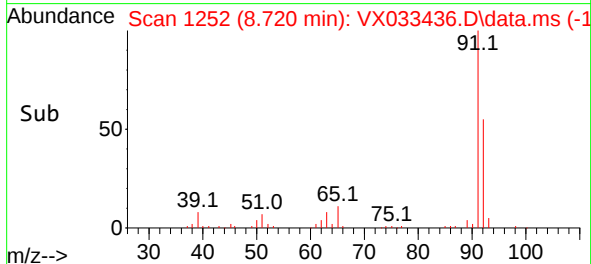
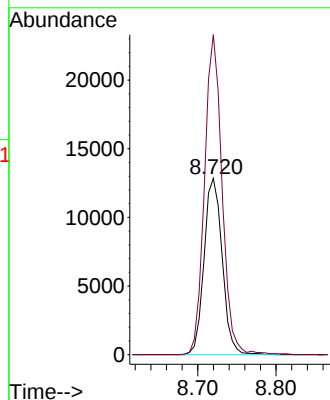
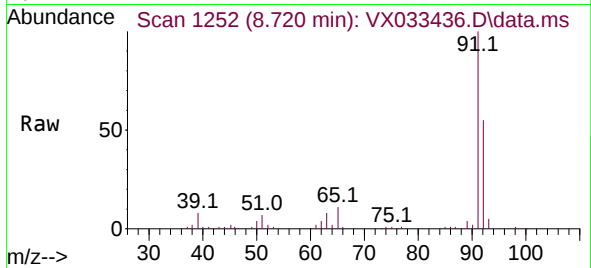
OWBR-01-160-180-121422

Tgt Ion: 92 Resp: 20595

Ion Ratio Lower Upper

92 100

91 176.4 138.3 207.5



#53

t-1,3-Dichloropropene

Concen: 2.626 ug/l

RT: 8.720 min Scan# 1252

Delta R.T. -0.262 min

Lab File: VX033436.D

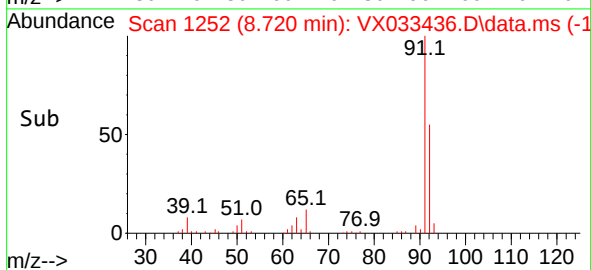
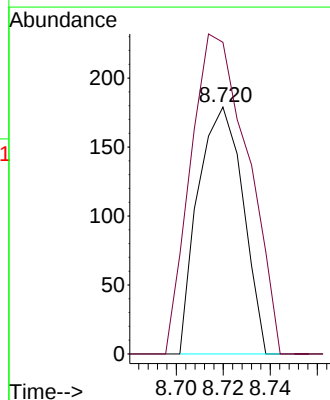
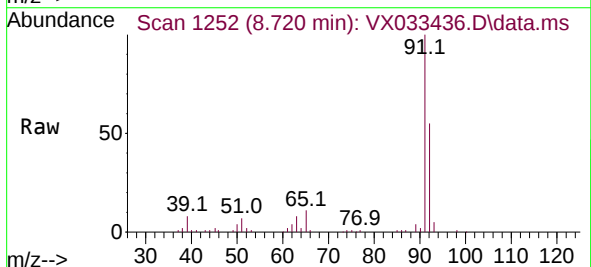
Acq: 15 Dec 2022 12:55

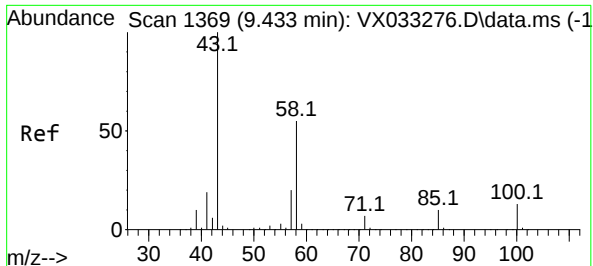
Tgt Ion: 75 Resp: 238

Ion Ratio Lower Upper

75 100

77 126.3 25.1 37.7#





#59

2-Hexanone

Concen: 0.251 ug/l

RT: 9.439 min Scan# 11

Delta R.T. 0.006 min

Lab File: VX033436.D

Acq: 15 Dec 2022 12:55

Instrument :

MSVOA_X

ClientSampleId :

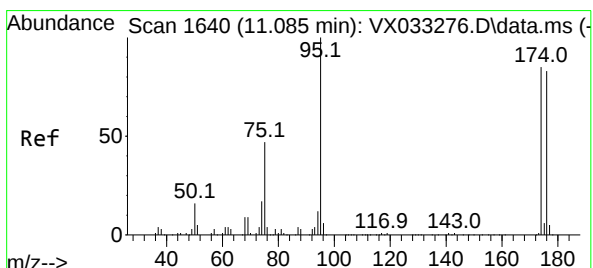
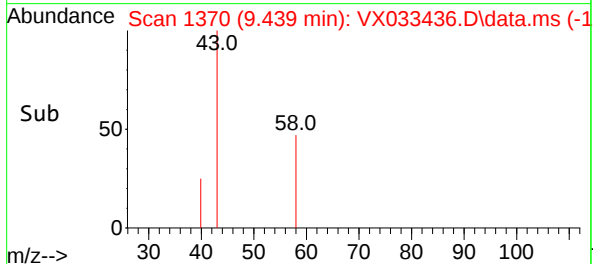
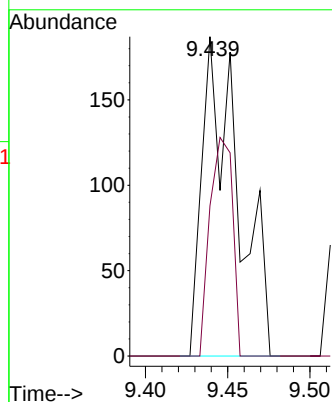
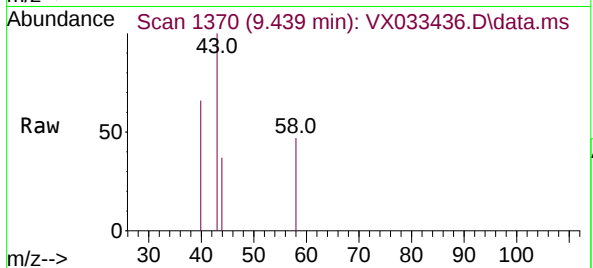
OWBR-01-160-180-121422

Tgt Ion: 43 Resp: 281

Ion Ratio Lower Upper

43 100

58 43.4 26.5 79.5



#62

4-Bromofluorobenzene

Concen: 45.587 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.006 min

Lab File: VX033436.D

Acq: 15 Dec 2022 12:55

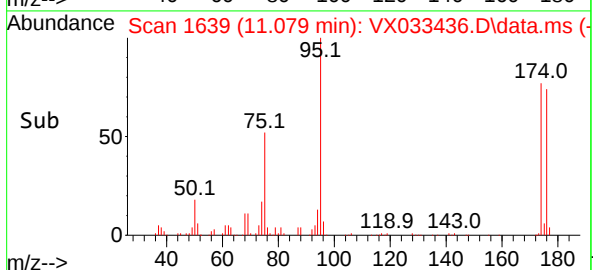
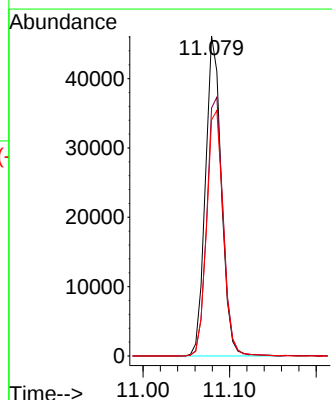
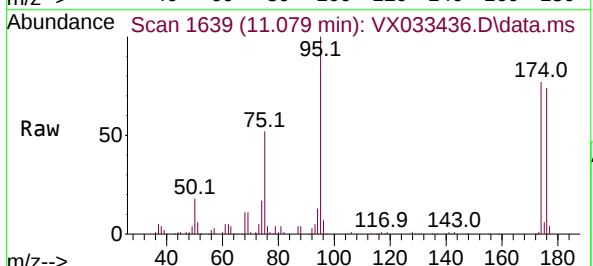
Tgt Ion: 95 Resp: 58963

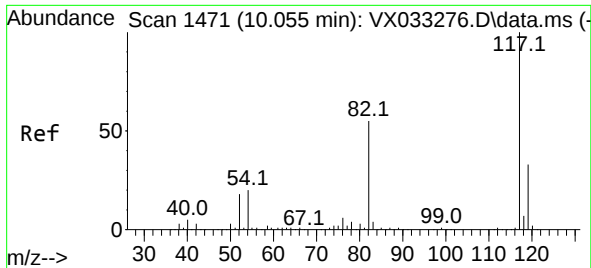
Ion Ratio Lower Upper

95 100

174 83.2 0.0 164.0

176 80.1 0.0 154.4

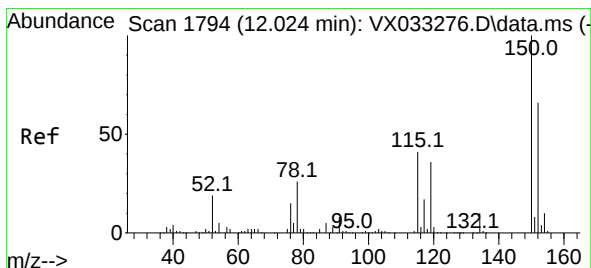
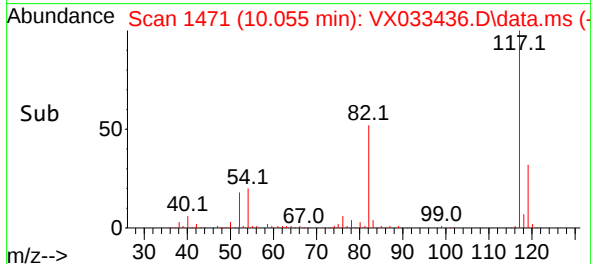
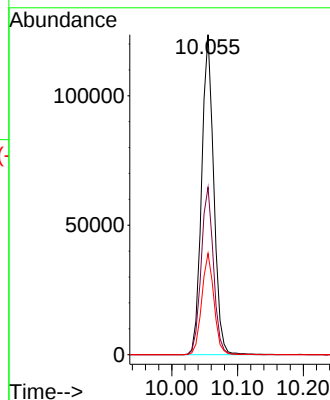
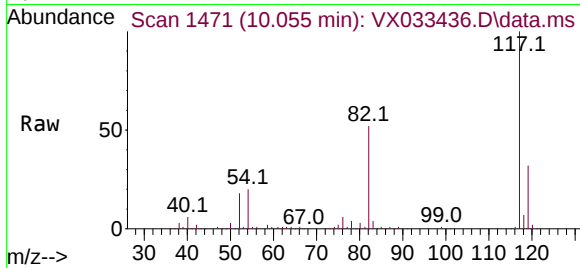




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX033436.D
Acq: 15 Dec 2022 12:55

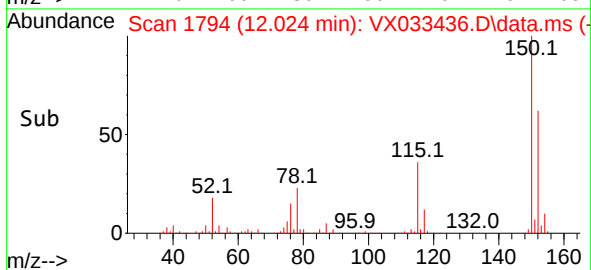
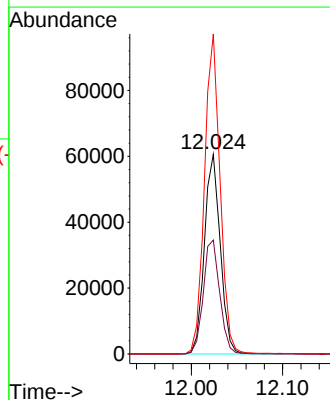
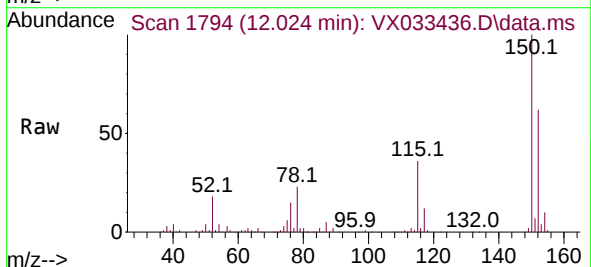
Instrument :
MSVOA_X
ClientSampleId :
OWBR-01-160-180-121422

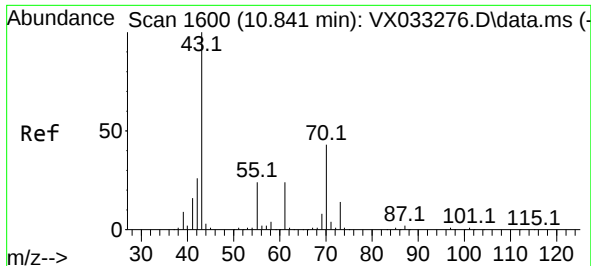
Tgt Ion:117 Resp: 158358
Ion Ratio Lower Upper
117 100
82 52.3 44.3 66.5
119 31.7 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX033436.D
Acq: 15 Dec 2022 12:55

Tgt Ion:152 Resp: 73130
Ion Ratio Lower Upper
152 100
115 59.1 44.0 132.0
150 158.0 0.0 351.8

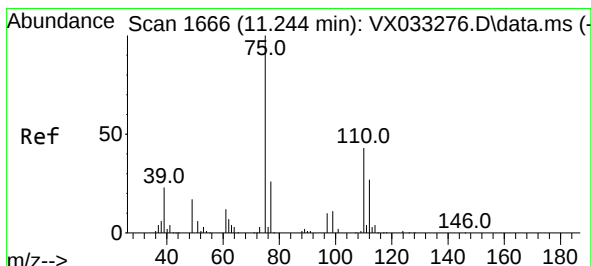
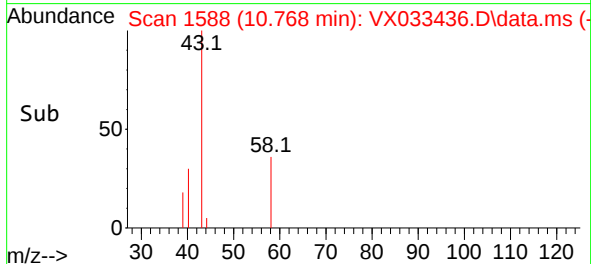
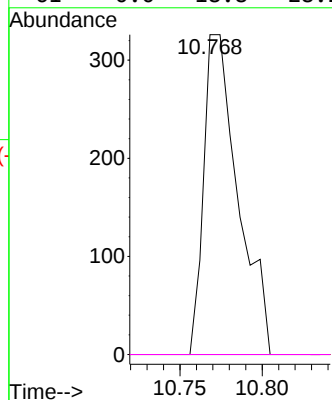
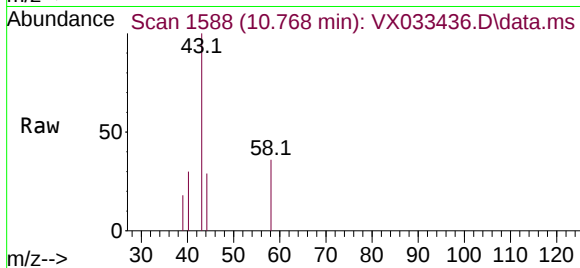




#74
N-amy1 acetate
Concen: 0.263 ug/l
RT: 10.768 min Scan# 1639
Delta R.T. -0.073 min
Lab File: VX033436.D
Acq: 15 Dec 2022 12:55

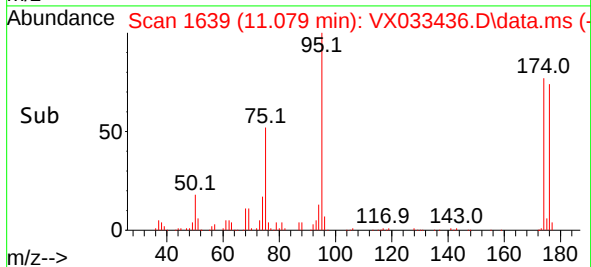
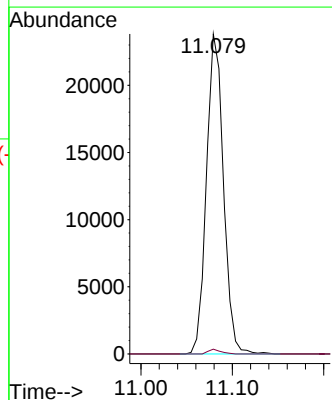
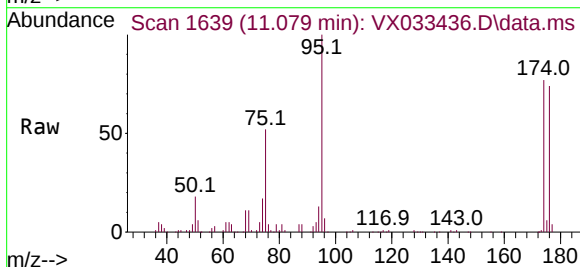
Instrument : MSVOA_X
ClientSampleId : OWBR-01-160-180-121422

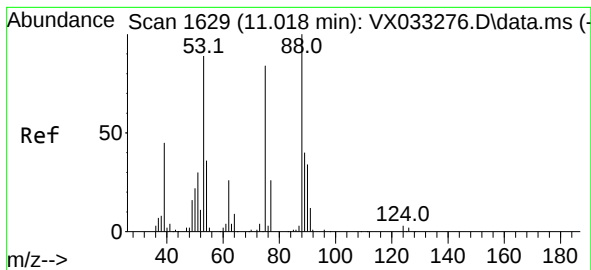
Tgt Ion: 43	Resp: 475
Ion Ratio	Lower Upper
43 100	
70 0.0	33.6 50.4#
55 0.0	19.4 29.2#
61 0.0	18.8 28.2#



#76
1,2,3-Trichloropropane
Concen: 20.701 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.164 min
Lab File: VX033436.D
Acq: 15 Dec 2022 12:55

Tgt Ion: 75	Resp: 30800
Ion Ratio	Lower Upper
75 100	
77 1.1	20.0 60.0#





#81

trans-1,4-Dichloro-2-butene

Concen: 64.395 ug/l

RT: 11.079 min Scan# 1

Delta R.T. 0.061 min

Lab File: VX033436.D

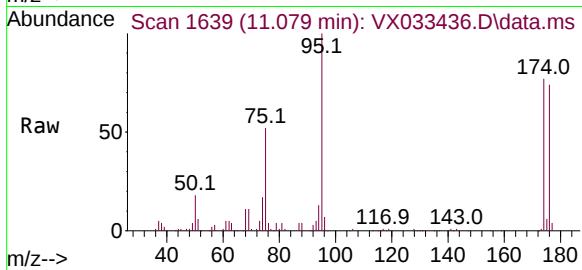
Acq: 15 Dec 2022 12:55

Instrument :

MSVOA_X

ClientSampleId :

OWBR-01-160-180-121422



Tgt Ion: 75 Resp: 30800

Ion Ratio Lower Upper

75 100

53 0.0 86.9 130.3#

89 0.0 38.3 57.5#

