

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082923\
 Data File : VX037362.D
 Acq On : 30 Aug 2023 01:57
 Operator : JC/MD
 Sample : 04196-11
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 OR-345-VOC-02

Quant Time: Aug 30 03:48:44 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081723W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 18 09:30:38 2023
 Response via : Initial Calibration

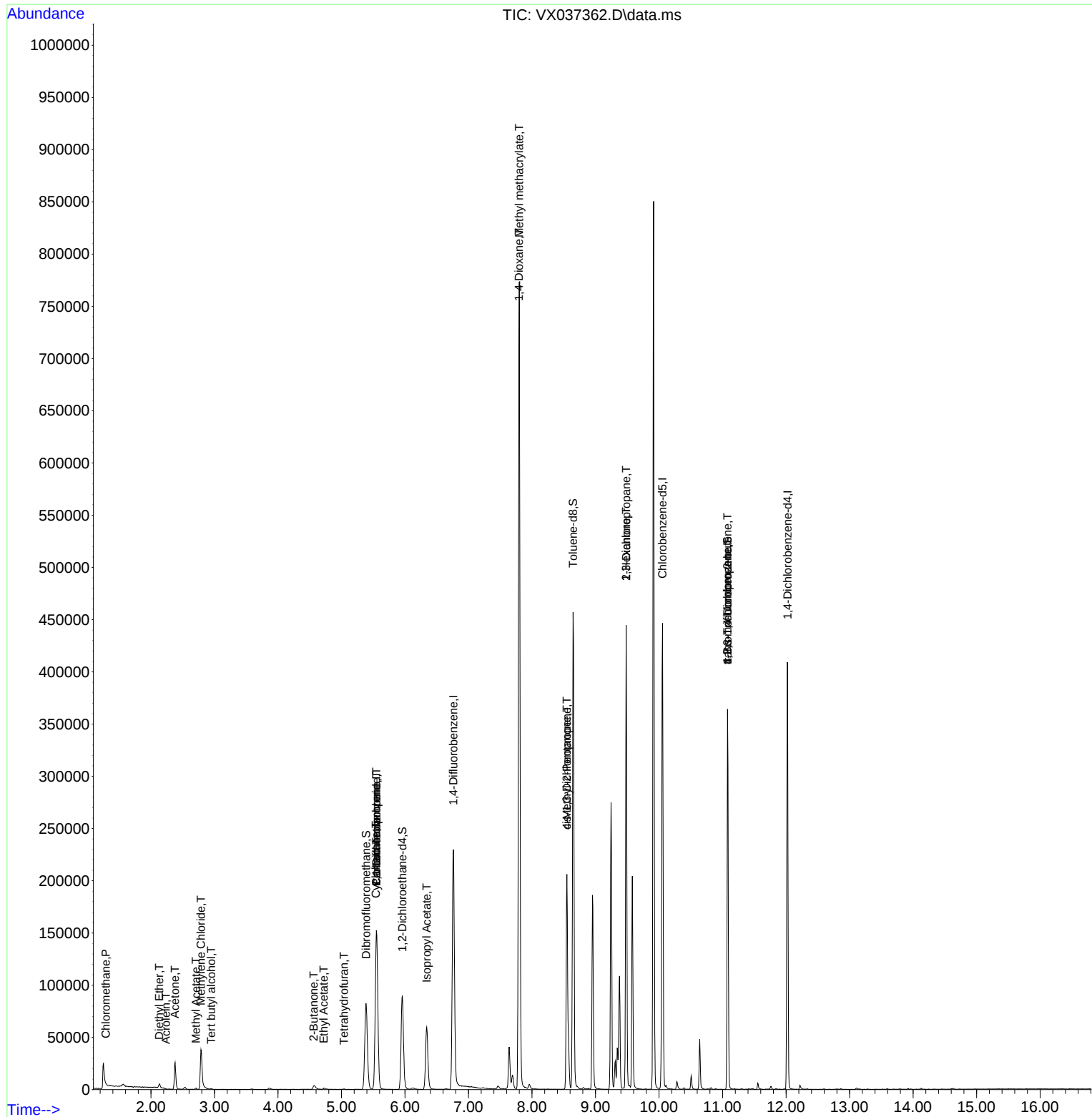
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.550	168	145640	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	239684	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	209421	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	90720	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	89958	42.844	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	85.680%
35) Dibromofluoromethane	5.385	113	73776	46.477	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.960%
50) Toluene-d8	8.647	98	279437	48.530	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.060%
62) 4-Bromofluorobenzene	11.079	95	98776	43.652	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	87.300%
Target Compounds						
					Qvalue	
3) Chloromethane	1.288	50	322	0.218	ug/l #	43
8) Diethyl Ether	2.130	74	1175	1.151	ug/l	83
11) Tert butyl alcohol	2.947	59	315	0.640	ug/l #	78
13) Acrolein	2.233	56	104	0.278	ug/l #	64
16) Acetone	2.380	43	27030	32.907	ug/l #	87
18) Methyl Acetate	2.709	43	1430	0.462	ug/l	96
20) Methylene Chloride	2.788	84	22538	12.269	ug/l #	86
25) 2-Butanone	4.562	43	7696	6.223	ug/l	94
29) Tetrahydrofuran	5.038	42	281	0.356	ug/l #	75
31) Cyclohexane	5.544	56	2753	1.166	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	11474	5.088	ug/l #	51
37) Ethyl Acetate	4.721	43	1989	0.863	ug/l	95
38) Carbon Tetrachloride	5.550	117	15185	6.198	ug/l #	14
43) Isopropyl Acetate	6.342	43	80943	22.131	ug/l #	91
48) Methyl methacrylate	7.799	41	62608	35.101	ug/l #	46
49) 1,4-Dioxane	7.793	88	121	2.519	ug/l #	1
51) 4-Methyl-2-Pentanone	8.549	43	83217	37.470	ug/l #	37
54) cis-1,3-Dichloropropene	8.549	75	36452	13.165	ug/l #	50
57) 1,3-Dichloropropane	9.482	76	4087	1.393	ug/l #	42
59) 2-Hexanone	9.482	43	46576	27.505	ug/l #	56
76) 1,2,3-Trichloropropane	11.079	75	49309	25.522	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	49309	71.284	ug/l #	5

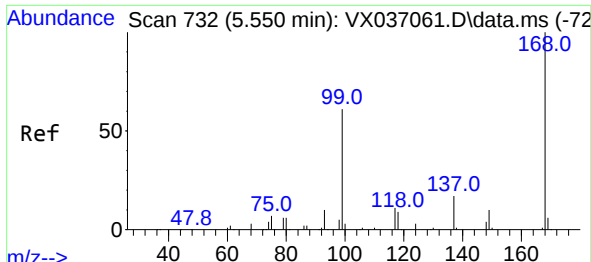
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082923\
Data File : VX037362.D
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Misc : 5.0mL/MSVOA_X/WATER
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Instrument :
MSVOA_X
ClientSampleId :
OR-345-VOC-02

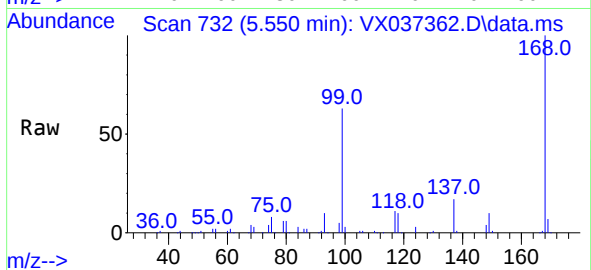
Quant Time: Aug 30 03:48:44 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081723W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 18 09:30:38 2023
Response via : Initial Calibration



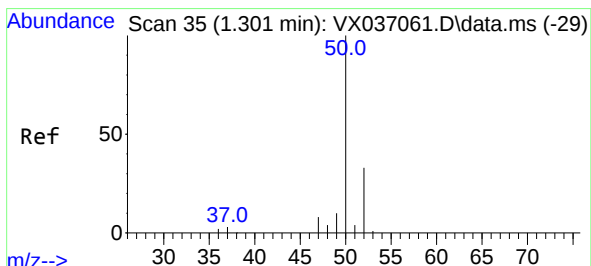
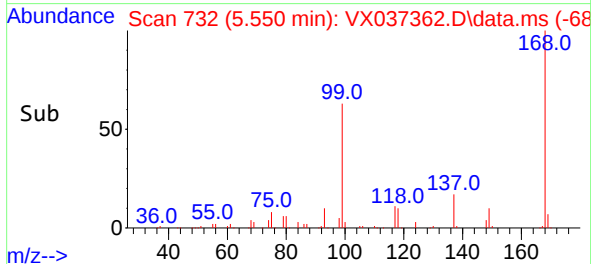
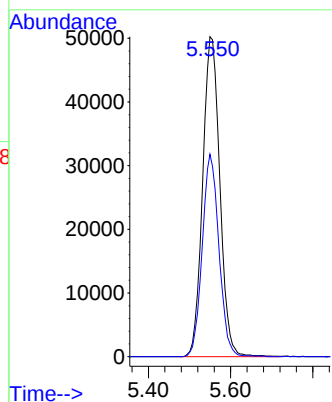


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX037362.D
Acq: 30 Aug 2023 01:57

Instrument :
MSVOA_X
ClientSampleId :
OR-345-VOC-02

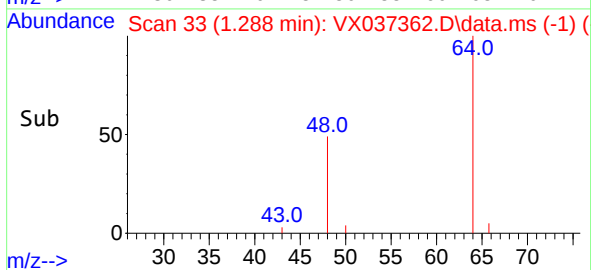
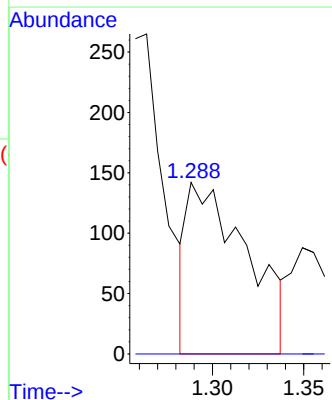
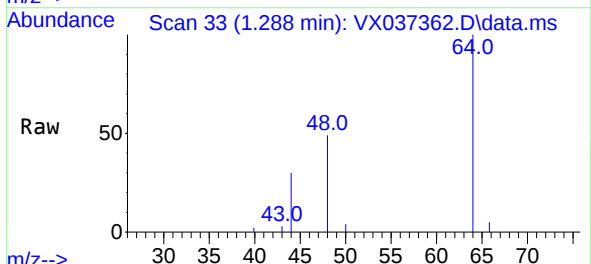


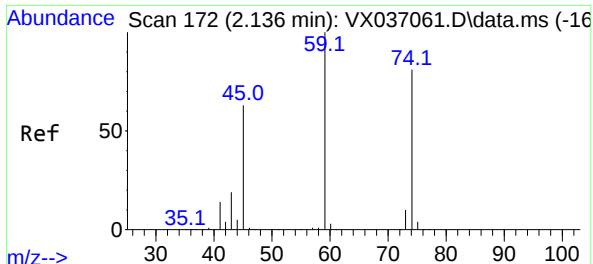
Tgt Ion:168 Resp: 145640
Ion Ratio Lower Upper
168 100
99 63.3 56.6 85.0



#3
Chloromethane
Concen: 0.218 ug/l
RT: 1.288 min Scan# 33
Delta R.T. -0.012 min
Lab File: VX037362.D
Acq: 30 Aug 2023 01:57

Tgt Ion: 50 Resp: 322
Ion Ratio Lower Upper
50 100
52 0.0 25.5 38.3#

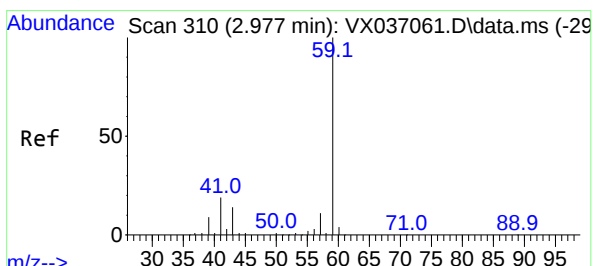
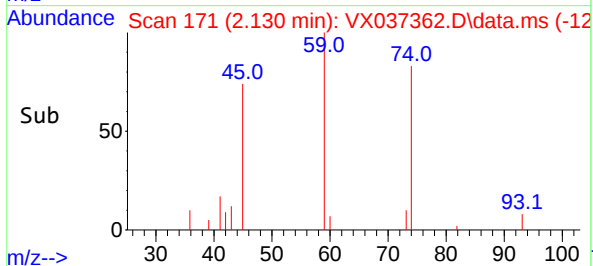
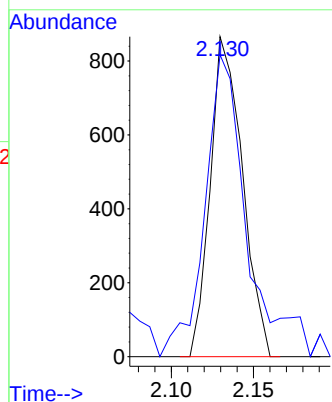
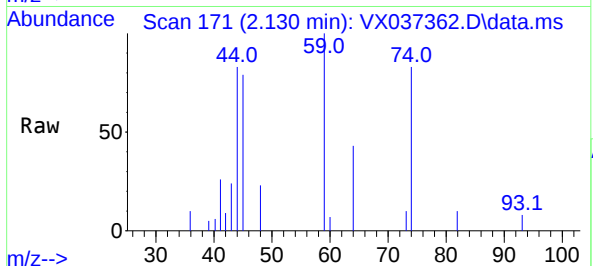




#8
Diethyl Ether
Concen: 1.151 ug/l
RT: 2.130 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX037362.D
Acq: 30 Aug 2023 01:57

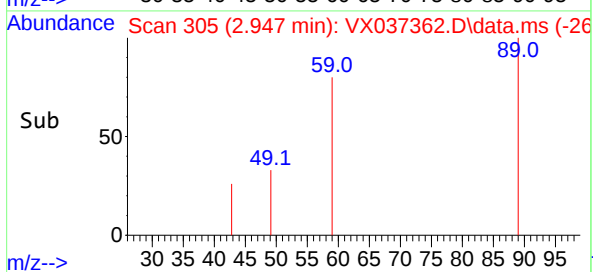
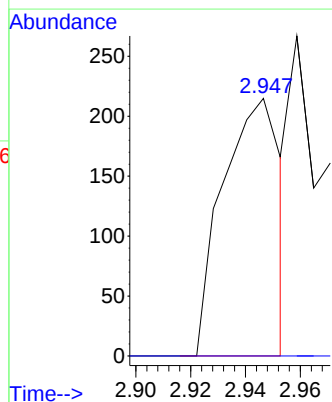
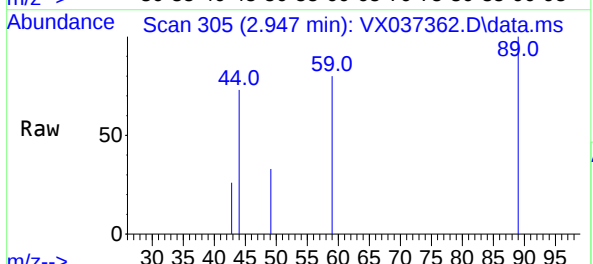
Instrument :
MSVOA_X
ClientSampleId :
OR-345-VOC-02

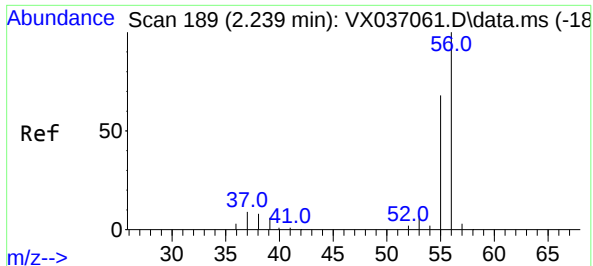
Tgt Ion: 74 Resp: 1175
Ion Ratio Lower Upper
74 100
45 123.9 53.3 159.8



#11
Tert butyl alcohol
Concen: 0.640 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.030 min
Lab File: VX037362.D
Acq: 30 Aug 2023 01:57

Tgt Ion: 59 Resp: 315
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#

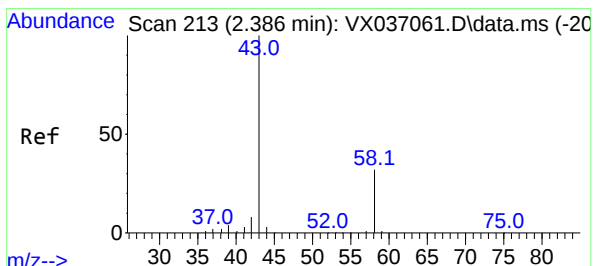
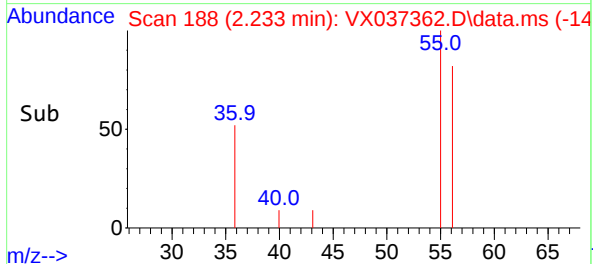
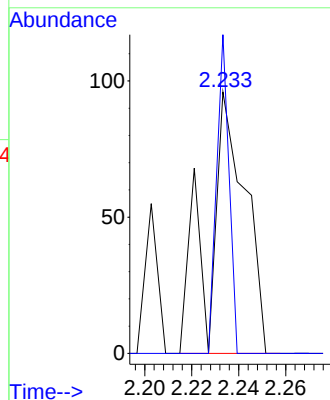
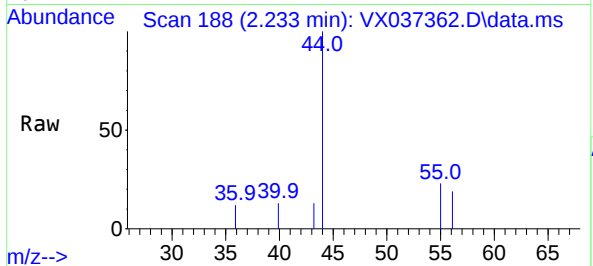




#13
Acrolein
Concen: 0.278 ug/l
RT: 2.233 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX037362.D
Acq: 30 Aug 2023 01:57

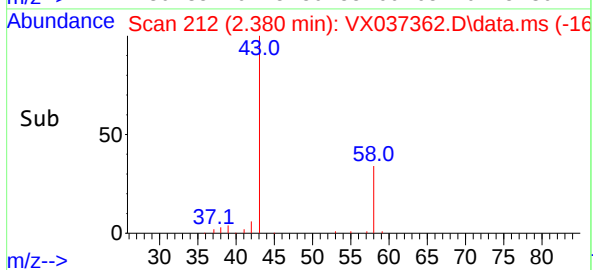
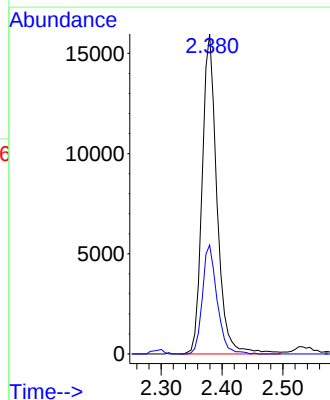
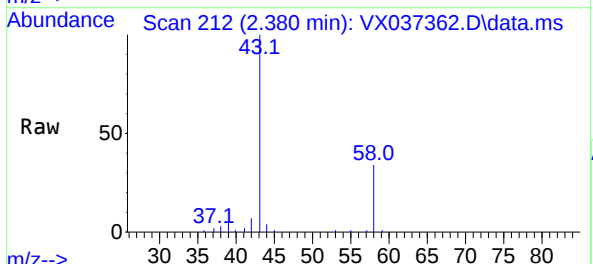
Instrument :
MSVOA_X
ClientSampleId :
OR-345-VOC-02

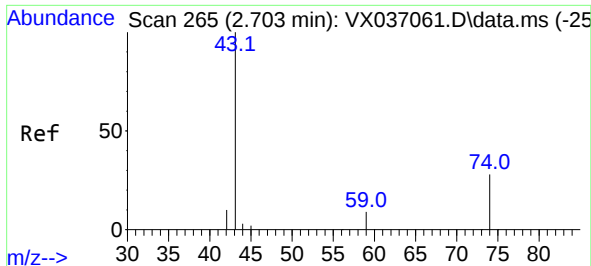
Tgt Ion: 56 Resp: 104
Ion Ratio Lower Upper
56 100
55 41.3 57.1 85.7#



#16
Acetone
Concen: 32.907 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX037362.D
Acq: 30 Aug 2023 01:57

Tgt Ion: 43 Resp: 27030
Ion Ratio Lower Upper
43 100
58 34.0 21.9 32.9#

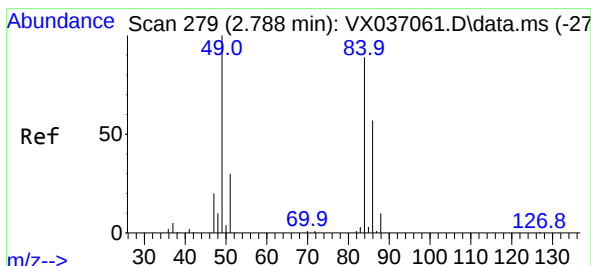
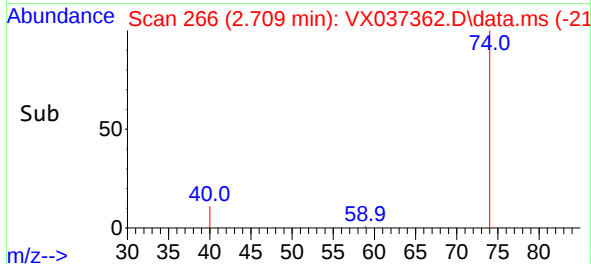
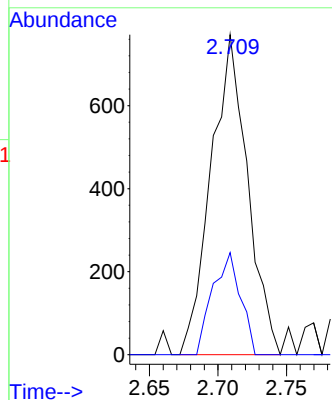
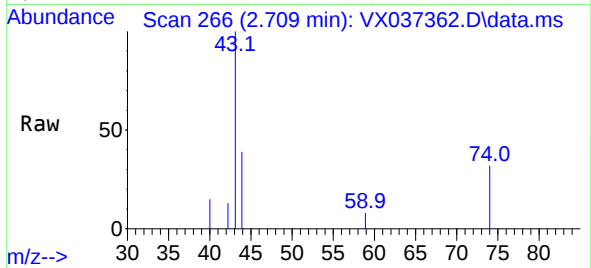




#18
Methyl Acetate
Concen: 0.462 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.006 min
Lab File: VX037362.D
Acq: 30 Aug 2023 01:57

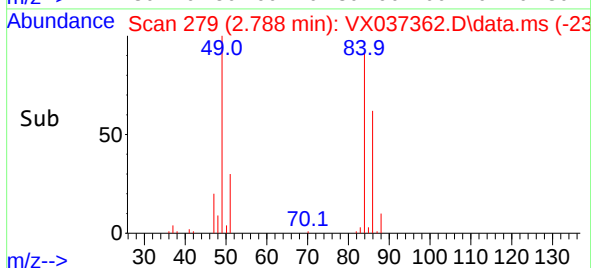
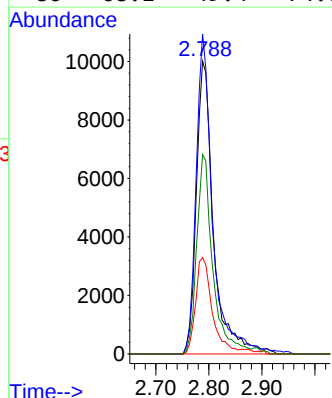
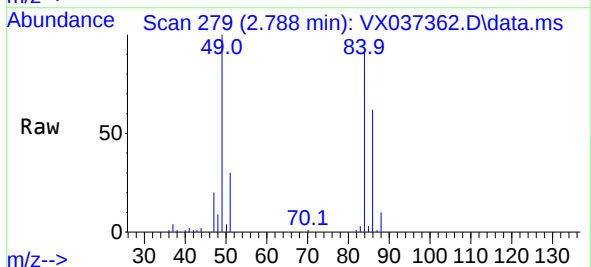
Instrument :
MSVOA_X
ClientSampleId :
OR-345-VOC-02

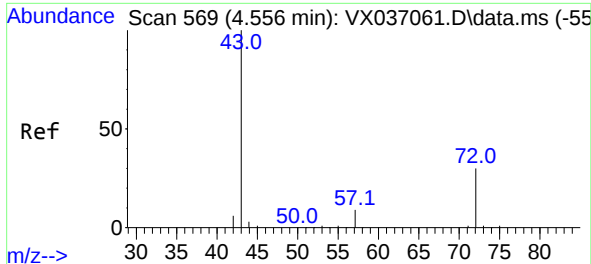
Tgt Ion: 43 Resp: 1430
Ion Ratio Lower Upper
43 100
74 24.3 17.8 26.8



#20
Methylene Chloride
Concen: 12.269 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX037362.D
Acq: 30 Aug 2023 01:57

Tgt Ion: 84 Resp: 22538
Ion Ratio Lower Upper
84 100
49 109.3 103.6 155.4
51 32.9 33.8 50.6#
86 68.1 49.4 74.0





#25

2-Butanone

Concen: 6.223 ug/l

RT: 4.562 min Scan# 51

Delta R.T. 0.006 min

Lab File: VX037362.D

Acq: 30 Aug 2023 01:57

Instrument :

MSVOA_X

ClientSampleId :

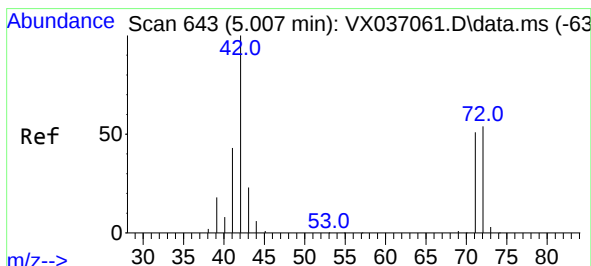
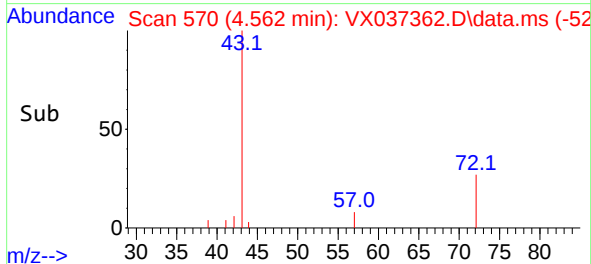
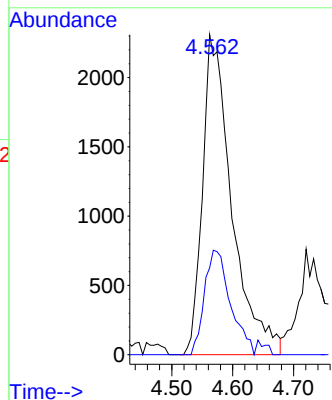
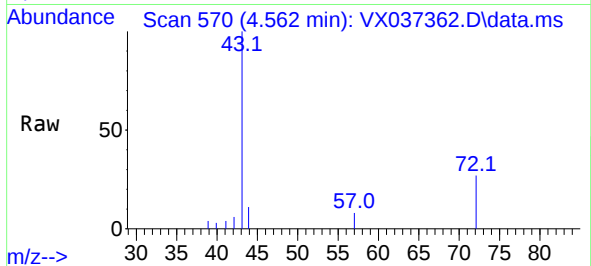
OR-345-VOC-02

Tgt Ion: 43 Resp: 7696

Ion Ratio Lower Upper

43 100

72 27.1 19.4 29.2



#29

Tetrahydrofuran

Concen: 0.356 ug/l

RT: 5.038 min Scan# 648

Delta R.T. 0.030 min

Lab File: VX037362.D

Acq: 30 Aug 2023 01:57

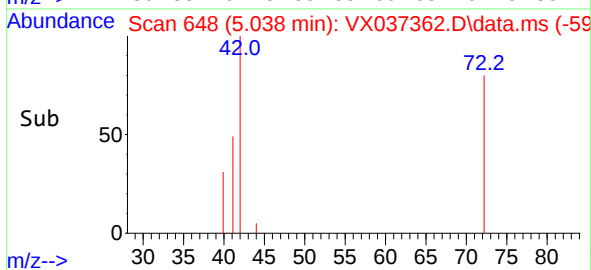
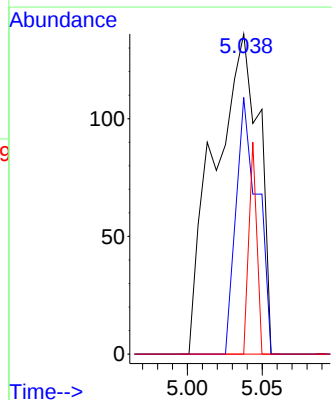
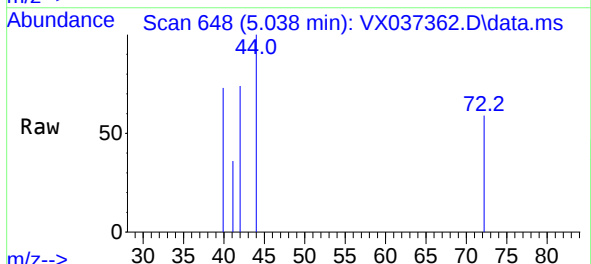
Tgt Ion: 42 Resp: 281

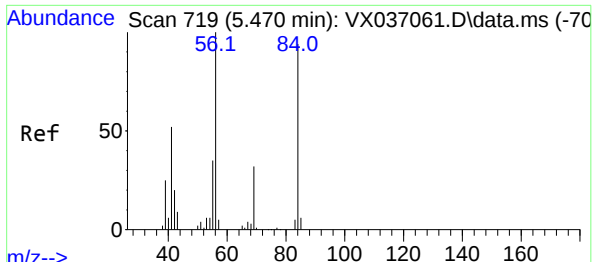
Ion Ratio Lower Upper

42 100

72 38.8 34.2 51.4

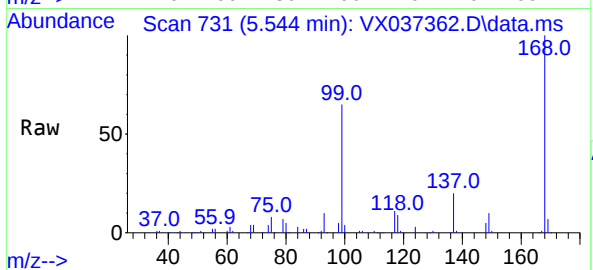
71 11.7 32.2 48.2#



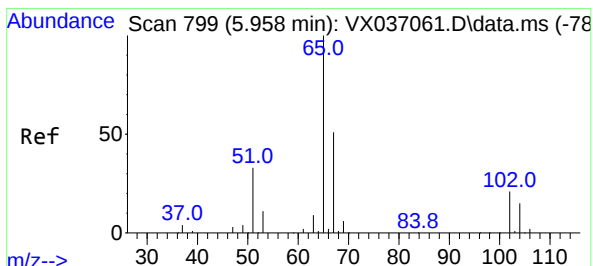
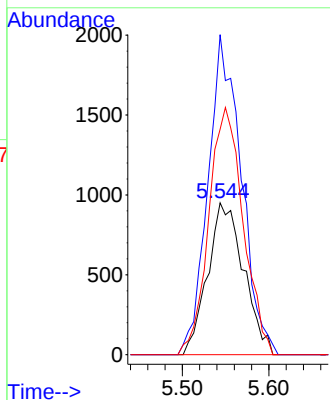
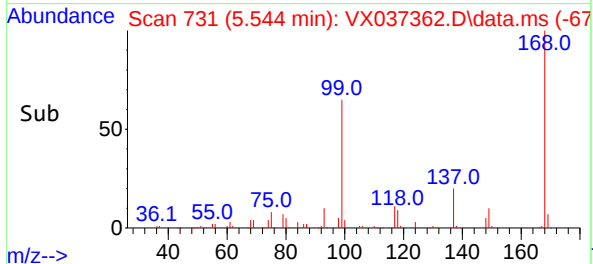


#31
Cyclohexane
Concen: 1.166 ug/l
RT: 5.544 min Scan# 719
Delta R.T. 0.073 min
Lab File: VX037362.D
Acq: 30 Aug 2023 01:57

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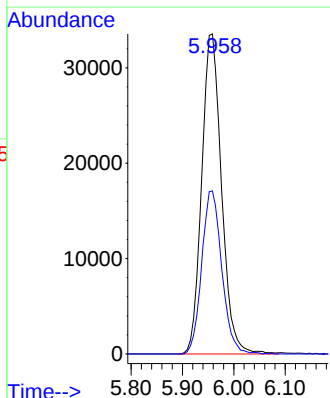
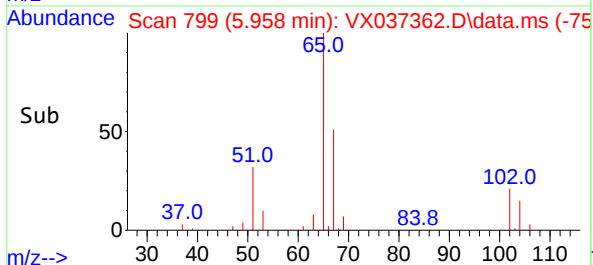
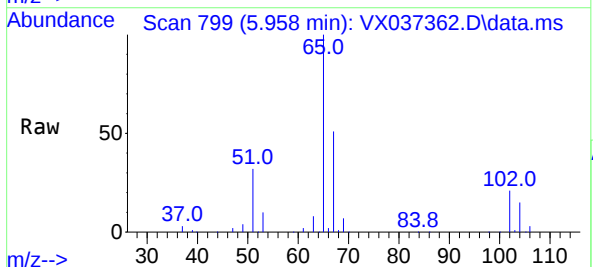


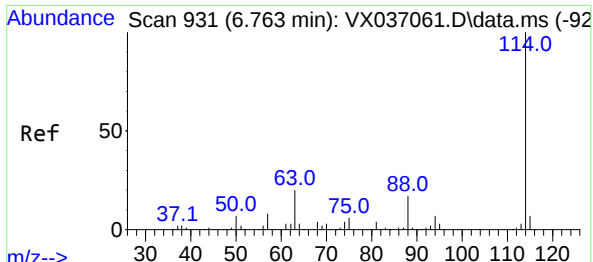
Tgt Ion: 56 Resp: 2753
Ion Ratio Lower Upper
56 100
69 210.8 23.4 35.2#
84 148.5 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 42.844 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX037362.D
Acq: 30 Aug 2023 01:57

Tgt Ion: 65 Resp: 89958
Ion Ratio Lower Upper
65 100
67 51.4 0.0 100.2

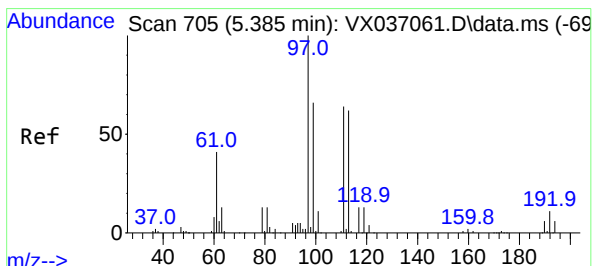
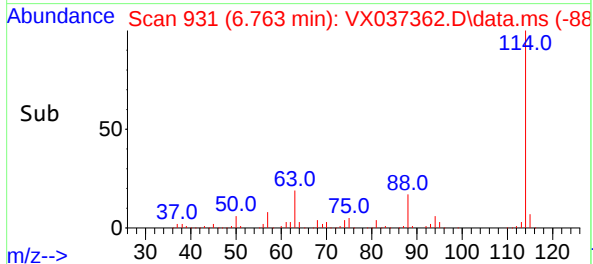
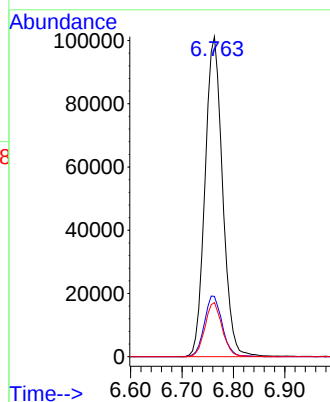
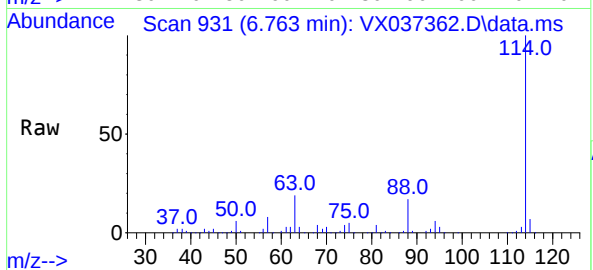




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX037362.D
Acq: 30 Aug 2023 01:57

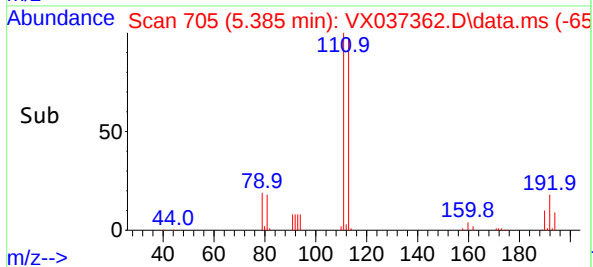
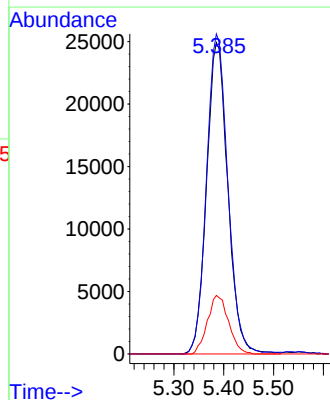
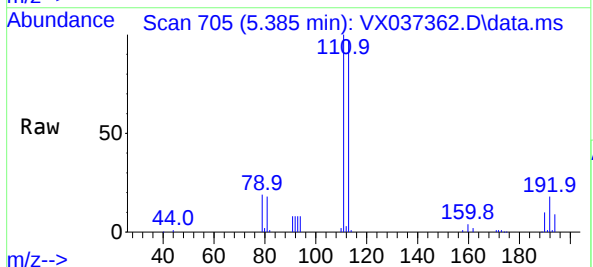
Instrument :
MSVOA_X
ClientSampleId :
OR-345-VOC-02

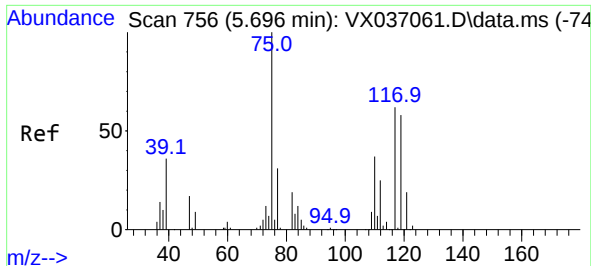
Tgt Ion:114 Resp: 239684
Ion Ratio Lower Upper
114 100
63 18.8 0.0 45.0
88 16.9 0.0 36.6



#35
Dibromofluoromethane
Concen: 46.477 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX037362.D
Acq: 30 Aug 2023 01:57

Tgt Ion:113 Resp: 73776
Ion Ratio Lower Upper
113 100
111 102.6 82.9 124.3
192 18.6 13.3 19.9

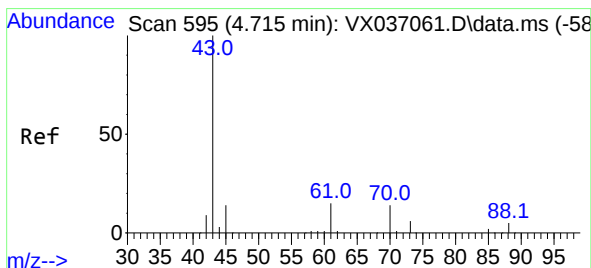
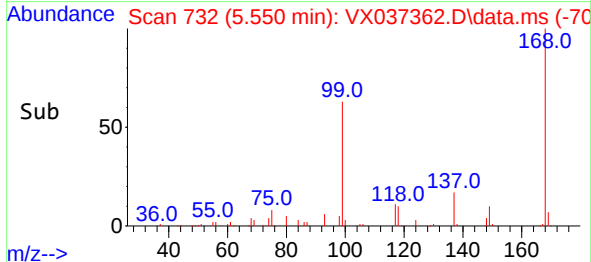
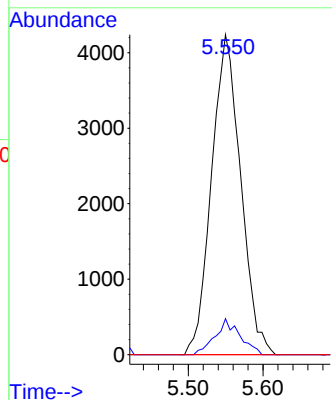
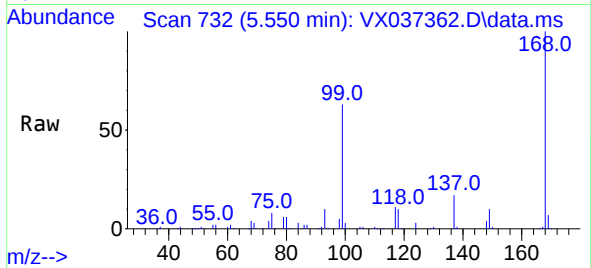




#36
1,1-Dichloropropene
Concen: 5.088 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.146 min
Lab File: VX037362.D
Acq: 30 Aug 2023 01:57

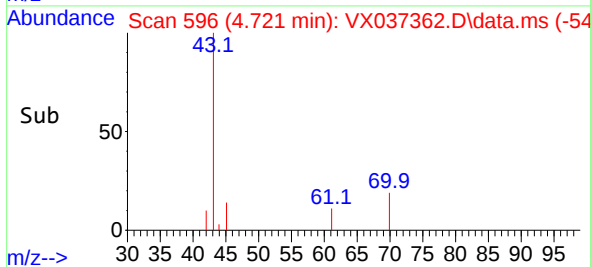
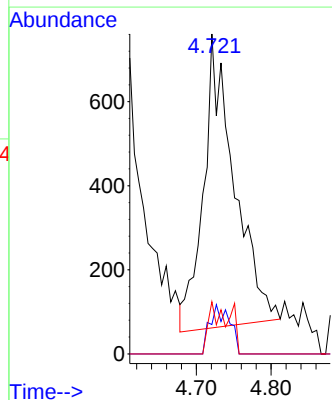
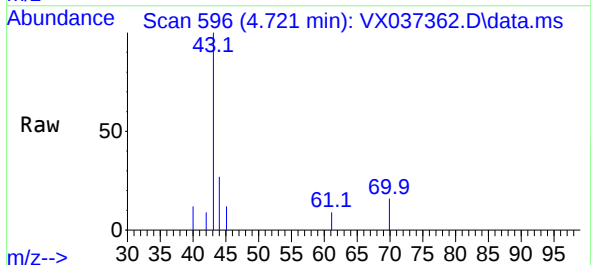
Instrument :
MSVOA_X
ClientSampleId :
OR-345-VOC-02

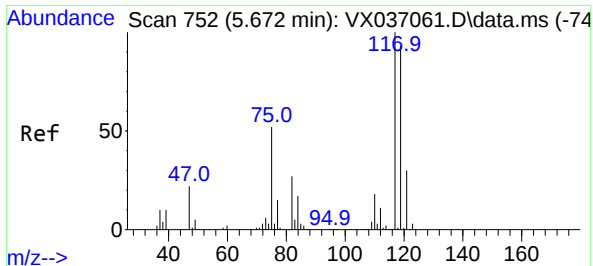
Tgt Ion: 75 Resp: 11474
Ion Ratio Lower Upper
75 100
110 9.6 17.0 50.9#
77 0.0 24.7 37.1#



#37
Ethyl Acetate
Concen: 0.863 ug/l
RT: 4.721 min Scan# 596
Delta R.T. 0.006 min
Lab File: VX037362.D
Acq: 30 Aug 2023 01:57

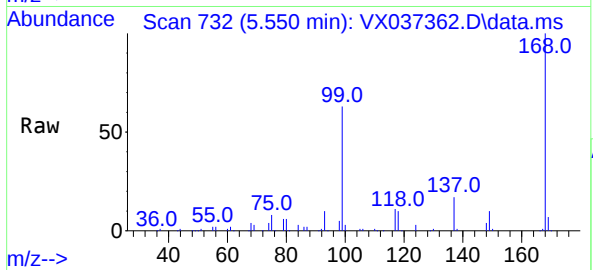
Tgt Ion: 43 Resp: 1989
Ion Ratio Lower Upper
43 100
61 10.7 10.6 16.0
70 11.7 8.3 12.5



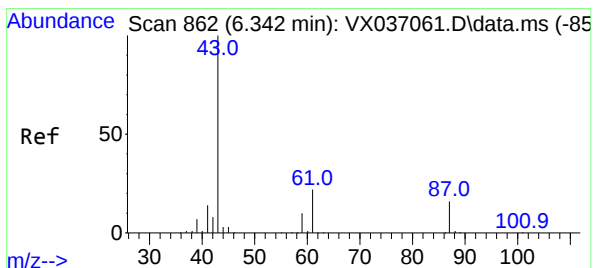
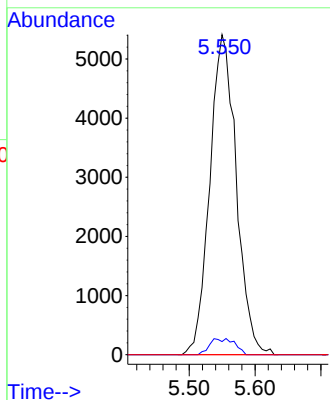
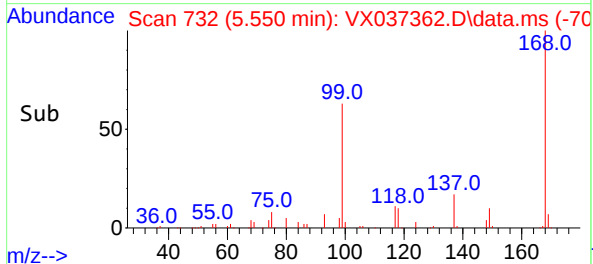


#38
Carbon Tetrachloride
Concen: 6.198 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX037362.D
Acq: 30 Aug 2023 01:57

Instrument :
MSVOA_X
ClientSampleId :
OR-345-VOC-02

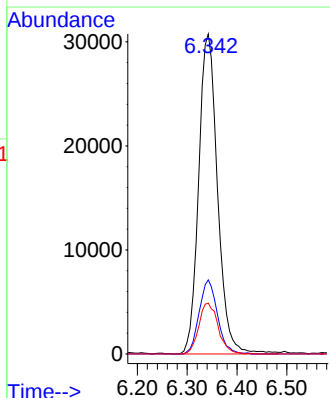
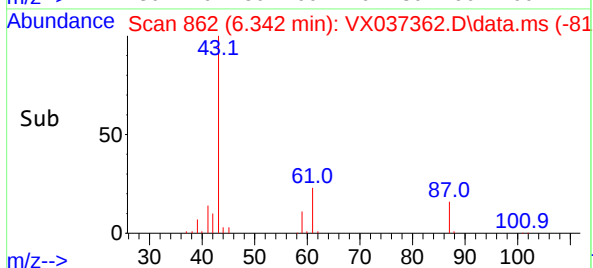
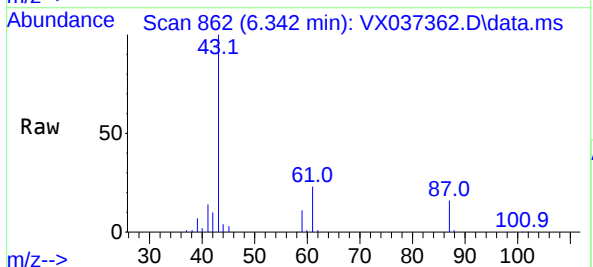


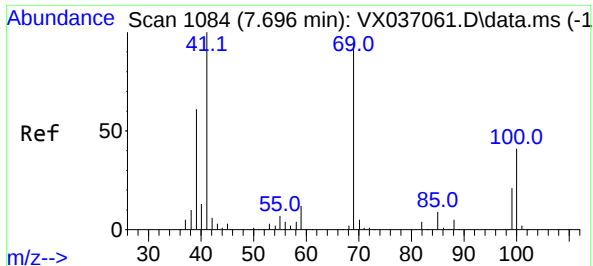
Tgt Ion:117 Resp: 15185
Ion Ratio Lower Upper
117 100
119 4.1 78.2 117.2#
121 0.0 24.4 36.6#



#43
Isopropyl Acetate
Concen: 22.131 ug/l
RT: 6.342 min Scan# 862
Delta R.T. 0.000 min
Lab File: VX037362.D
Acq: 30 Aug 2023 01:57

Tgt Ion: 43 Resp: 80943
Ion Ratio Lower Upper
43 100
61 22.4 15.2 22.8
87 16.2 9.8 14.6#

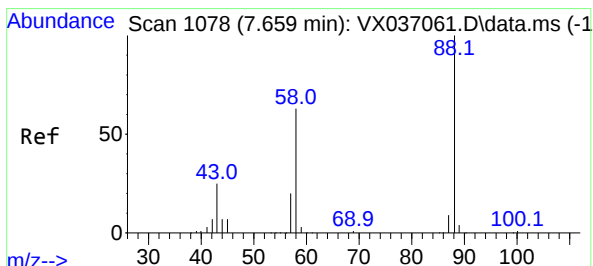
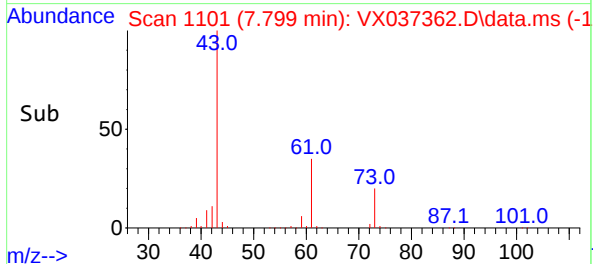
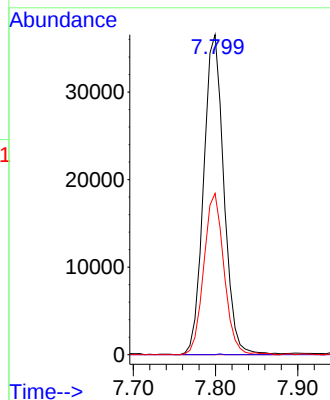
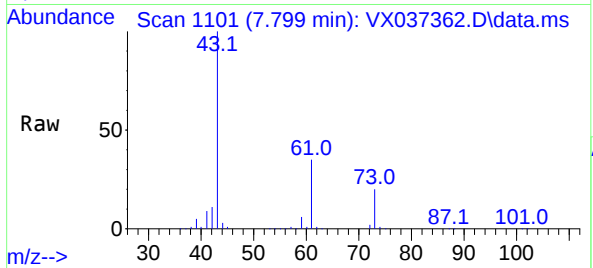




#48
Methyl methacrylate
Concen: 35.101 ug/l
RT: 7.799 min Scan# 1101
Delta R.T. 0.104 min
Lab File: VX037362.D
Acq: 30 Aug 2023 01:57

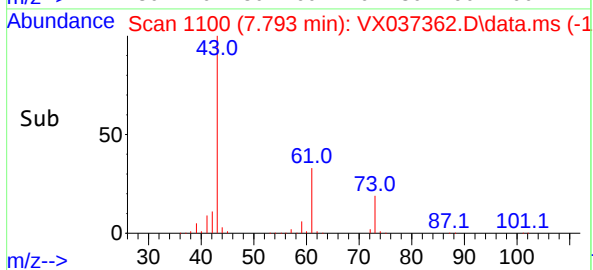
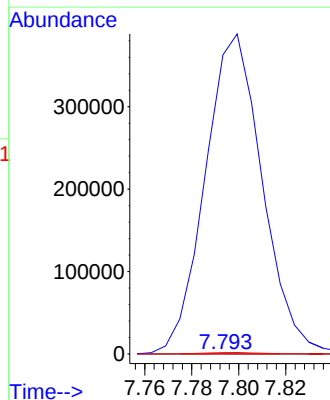
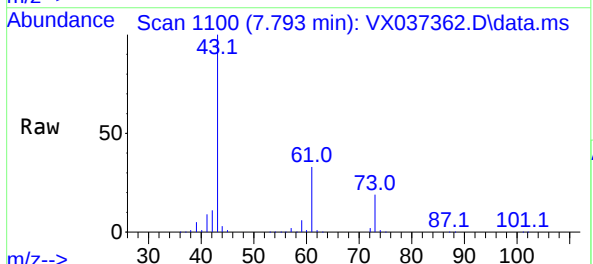
Instrument :
MSVOA_X
ClientSampleId :
OR-345-VOC-02

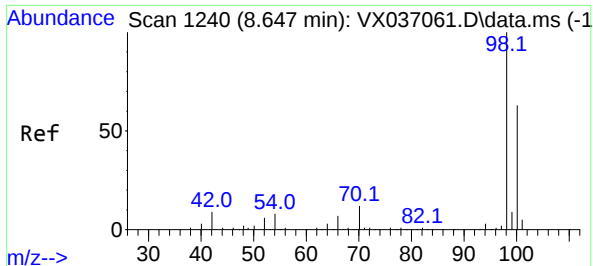
Tgt Ion: 41 Resp: 62608
Ion Ratio Lower Upper
41 100
69 0.1 59.2 88.8#
39 50.4 47.7 71.5



#49
1,4-Dioxane
Concen: 2.519 ug/l
RT: 7.793 min Scan# 1100
Delta R.T. 0.134 min
Lab File: VX037362.D
Acq: 30 Aug 2023 01:57

Tgt Ion: 88 Resp: 121
Ion Ratio Lower Upper
88 100
43 548572.7 0.0 0.0#
58 2466.9 60.1 90.1#

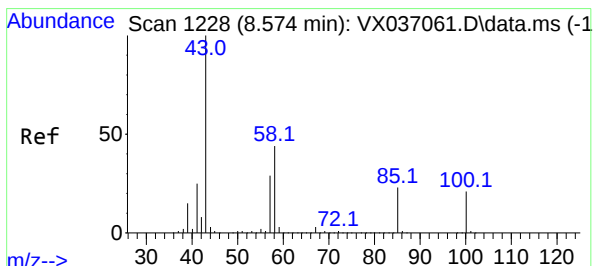
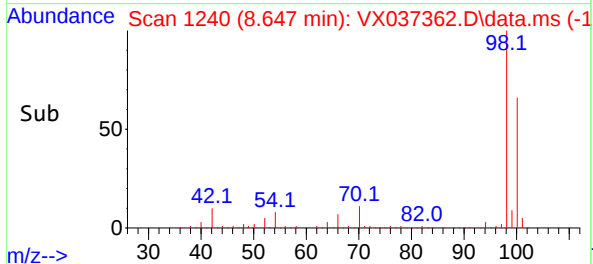
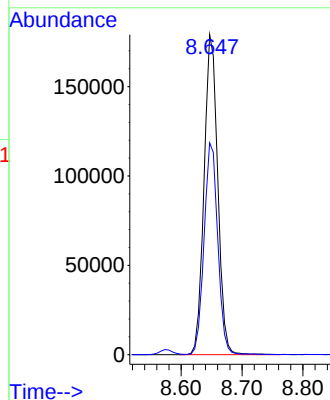
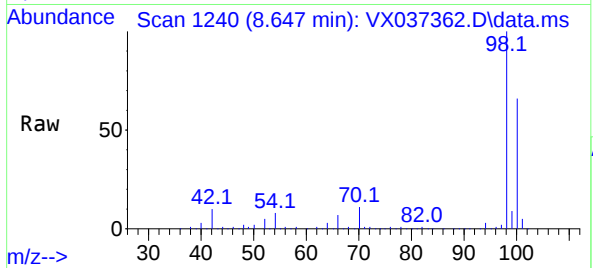




#50
Toluene-d8
Concen: 48.530 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX037362.D
Acq: 30 Aug 2023 01:57

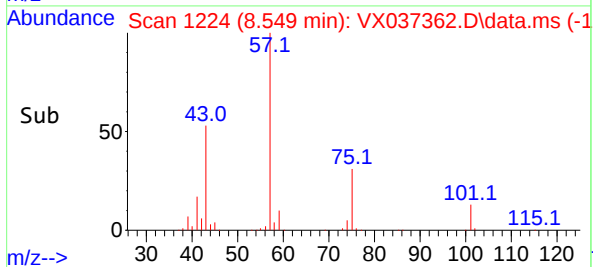
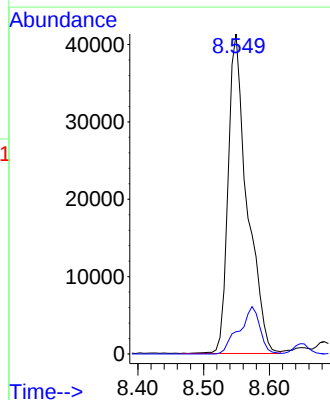
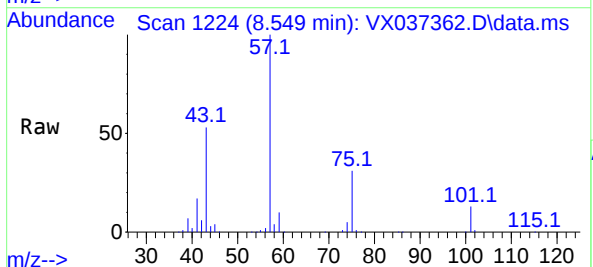
Instrument :
MSVOA_X
ClientSampleId :
OR-345-VOC-02

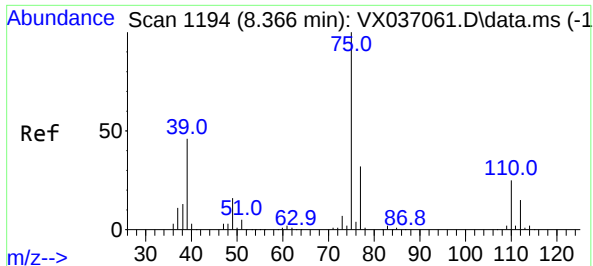
Tgt Ion: 98 Resp: 279437
Ion Ratio Lower Upper
98 100
100 66.6 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 37.470 ug/l
RT: 8.549 min Scan# 1224
Delta R.T. -0.024 min
Lab File: VX037362.D
Acq: 30 Aug 2023 01:57

Tgt Ion: 43 Resp: 83217
Ion Ratio Lower Upper
43 100
58 0.0 30.4 45.6#





#54

cis-1,3-Dichloropropene

Concen: 13.165 ug/l

RT: 8.549 min Scan# 1194

Delta R.T. 0.183 min

Lab File: VX037362.D

Acq: 30 Aug 2023 01:57

Instrument :

MSVOA_X

ClientSampleId :

OR-345-VOC-02

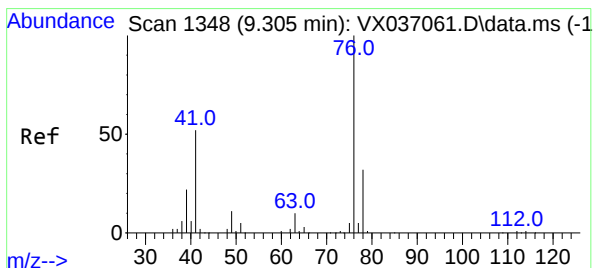
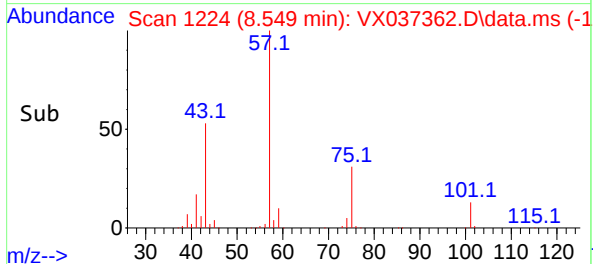
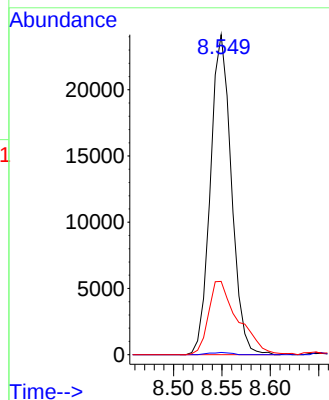
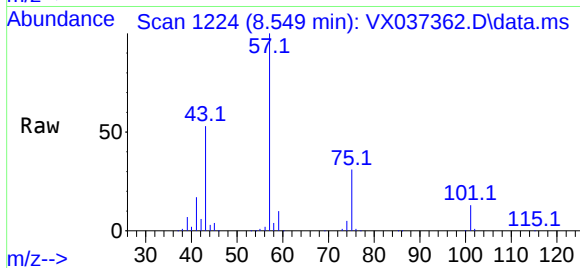
Tgt Ion: 75 Resp: 36452

Ion Ratio Lower Upper

75 100

77 0.7 25.3 37.9#

39 22.9 46.7 70.1#



#57

1,3-Dichloropropane

Concen: 1.393 ug/l

RT: 9.482 min Scan# 1377

Delta R.T. 0.177 min

Lab File: VX037362.D

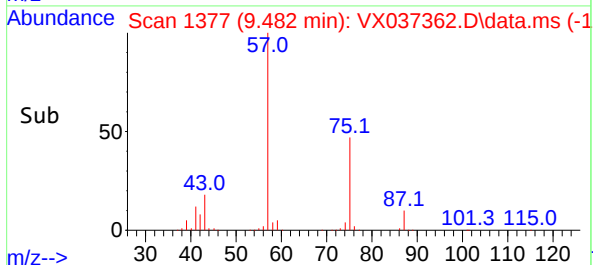
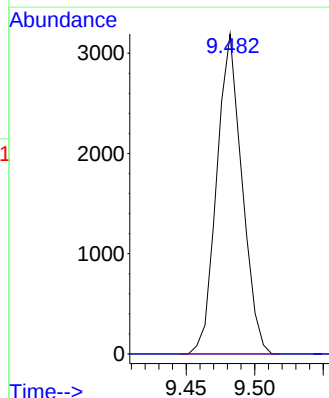
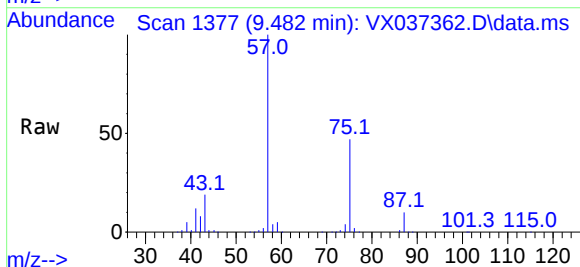
Acq: 30 Aug 2023 01:57

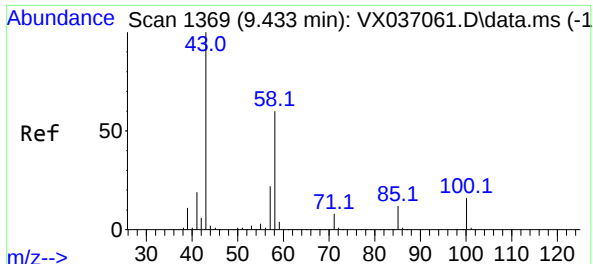
Tgt Ion: 76 Resp: 4087

Ion Ratio Lower Upper

76 100

78 0.0 26.1 39.1#

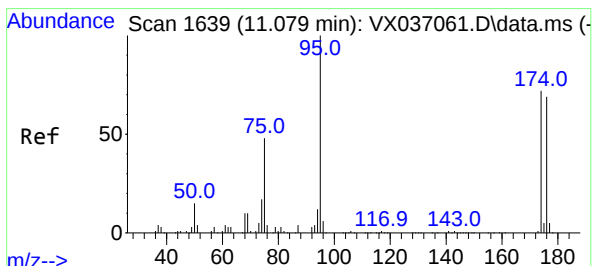
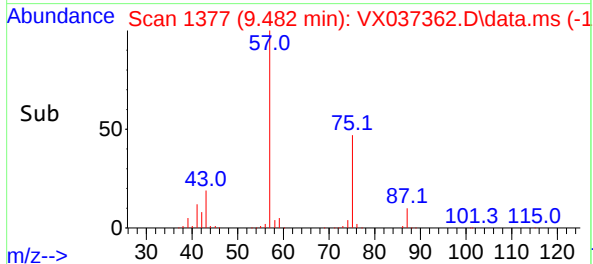
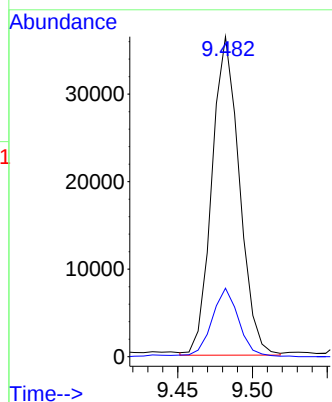
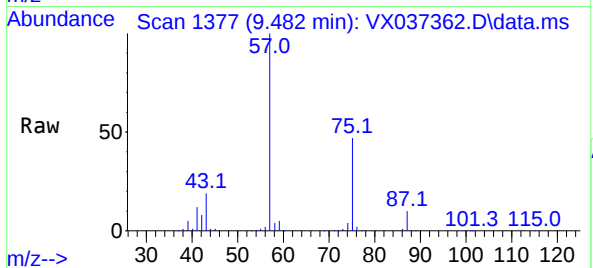




#59
2-Hexanone
Concen: 27.505 ug/l
RT: 9.482 min Scan# 11
Delta R.T. 0.049 min
Lab File: VX037362.D
Acq: 30 Aug 2023 01:57

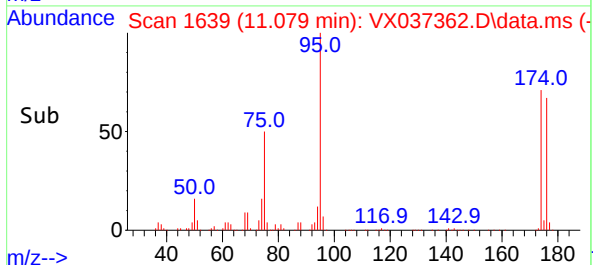
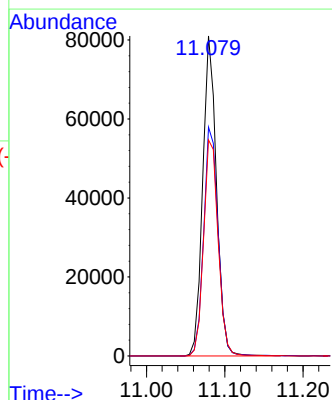
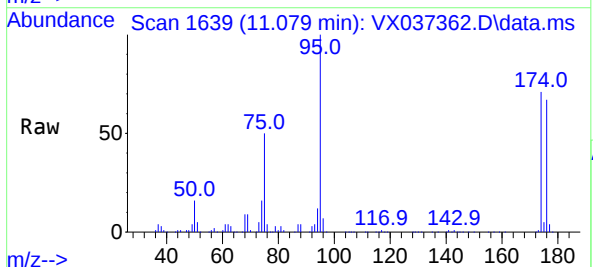
Instrument :
MSVOA_X
ClientSampleId :
OR-345-VOC-02

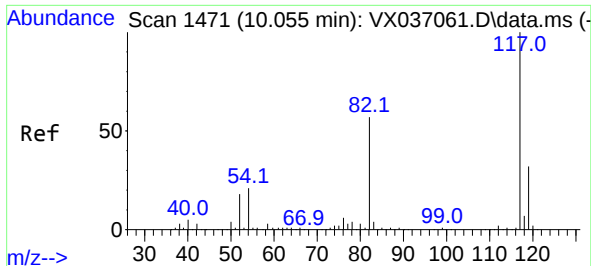
Tgt Ion: 43 Resp: 46576
Ion Ratio Lower Upper
43 100
58 21.1 26.2 78.5#



#62
4-Bromofluorobenzene
Concen: 43.652 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX037362.D
Acq: 30 Aug 2023 01:57

Tgt Ion: 95 Resp: 98776
Ion Ratio Lower Upper
95 100
174 74.7 0.0 135.6
176 71.6 0.0 131.0

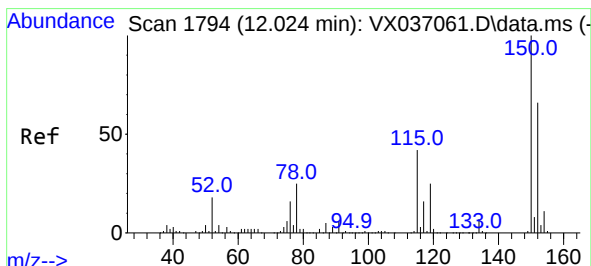
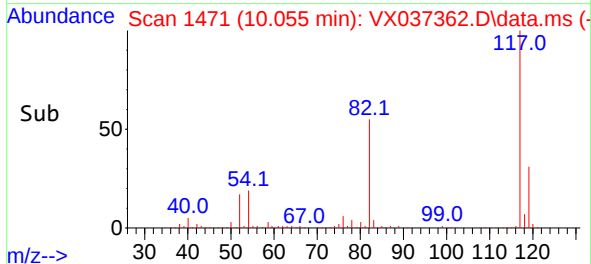
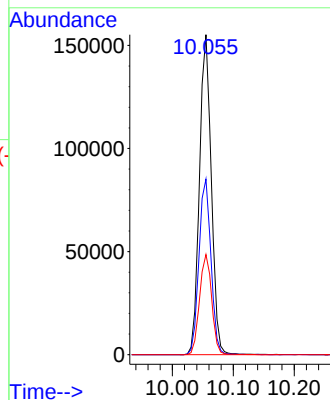
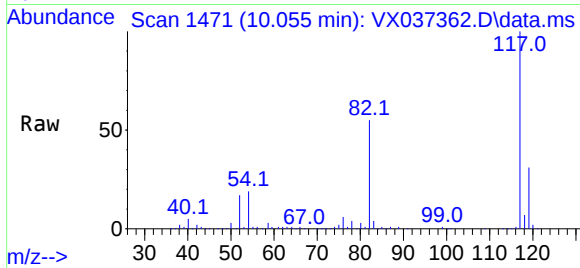




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX037362.D
Acq: 30 Aug 2023 01:57

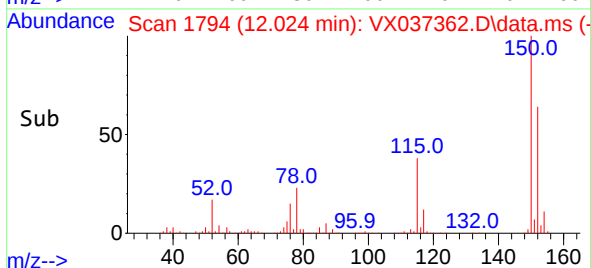
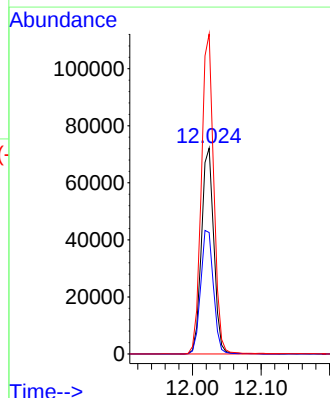
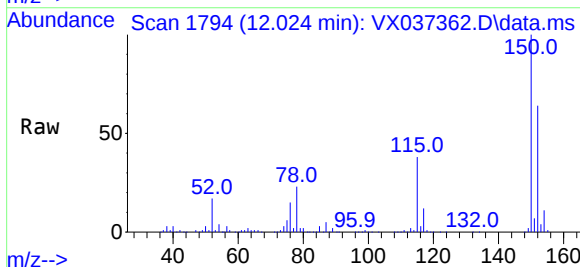
Instrument :
MSVOA_X
ClientSampleId :
OR-345-VOC-02

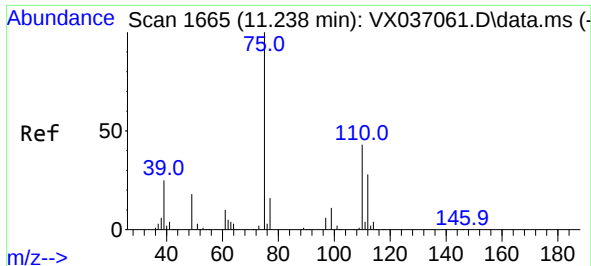
Tgt Ion:117 Resp: 209421
Ion Ratio Lower Upper
117 100
82 54.9 46.2 69.4
119 31.3 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX037362.D
Acq: 30 Aug 2023 01:57

Tgt Ion:152 Resp: 90720
Ion Ratio Lower Upper
152 100
115 62.3 43.3 129.9
150 156.2 0.0 345.0

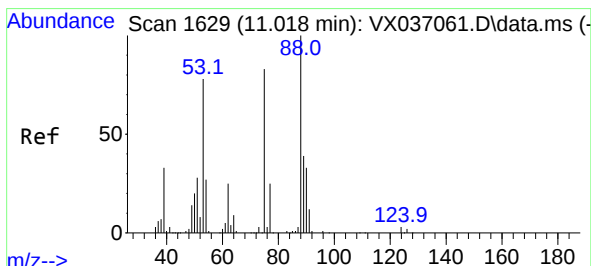
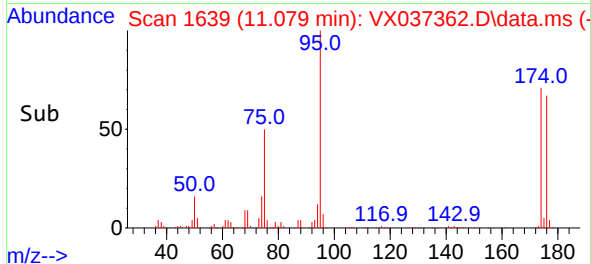
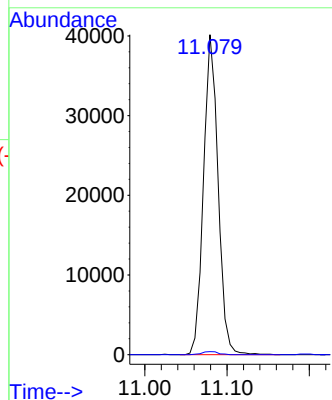
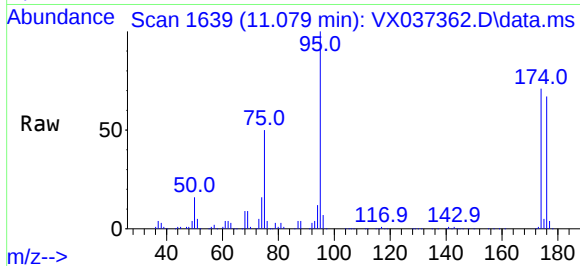




#76
1,2,3-Trichloropropane
Concen: 25.522 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX037362.D
Acq: 30 Aug 2023 01:57

Instrument :
MSVOA_X
ClientSampleId :
OR-345-VOC-02

Tgt Ion: 75 Resp: 49309
Ion Ratio Lower Upper
75 100
77 1.1 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 71.284 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX037362.D
Acq: 30 Aug 2023 01:57

Tgt Ion: 75 Resp: 49309
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#

