

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102122\
 Data File : VX032290.D
 Acq On : 21 Oct 2022 15:49
 Operator : JC/MD
 Sample : N5185-23
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RW-02

Quant Time: Oct 22 05:10:49 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X101922W.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 22 04:56:40 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	142997	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	220877	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	192440	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	92950	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	89335	48.023	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	96.040%
35) Dibromofluoromethane	5.391	113	68935	44.850	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	89.700%
50) Toluene-d8	8.647	98	263857	47.690	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	95.380%
62) 4-Bromofluorobenzene	11.079	95	93812	46.304	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	92.600%
Target Compounds						
					Qvalue	
3) Chloromethane	1.264	50	3709	1.078	ug/l #	70
6) Chloroethane	1.752	64	3068	4.046	ug/l #	70
11) Tert butyl alcohol	2.971	59	18866	53.897	ug/l #	74
13) Acrolein	2.215	56	6905	30.492	ug/l #	1
14) Allyl chloride	2.715	41	7431	3.707	ug/l #	21
15) Acrylonitrile	3.105	53	15252	21.861	ug/l #	38
16) Acetone	2.343	43	53257	88.220	ug/l #	53
18) Methyl Acetate	2.782	43	248740	121.366	ug/l #	50
19) Methyl tert-butyl Ether	3.117	73	62795	14.277	ug/l #	1
20) Methylene Chloride	2.727	84	2323	1.499	ug/l #	17
22) Diisopropyl ether	3.757	45	2963	0.675	ug/l #	85
23) Vinyl Acetate	3.733	43	3684	1.050	ug/l #	71
24) 1,1-Dichloroethane	3.733	63	1103	0.435	ug/l #	82
25) 2-Butanone	4.574	43	2445	2.594	ug/l #	83
26) 2,2-Dichloropropane	4.306	77	4998	2.735	ug/l #	52
30) Chloroform	5.172	83	4886	1.770	ug/l #	28
31) Cyclohexane	5.477	56	111295	52.334	ug/l	95
36) 1,1-Dichloropropene	5.550	75	11356	5.744	ug/l #	49
38) Carbon Tetrachloride	5.556	117	15275	7.318	ug/l #	15
39) Methylcyclohexane	7.379	83	56862	24.075	ug/l	90
40) Benzene	6.037	78	562875	98.227	ug/l	99
41) Methacrylonitrile	4.940	41	854	0.837	ug/l #	22
42) 1,2-Dichloroethane	6.044	62	5555	2.531	ug/l #	76
43) Isopropyl Acetate	6.361	43	2812	0.926	ug/l #	61
45) 1,2-Dichloropropane	7.373	63	846	0.585	ug/l #	1
48) Methyl methacrylate	7.659	41	8439	5.569	ug/l #	60
51) 4-Methyl-2-Pentanone	8.561	43	3487	1.831	ug/l #	55
52) Toluene	8.720	92	12789	3.445	ug/l	98
53) t-1,3-Dichloropropene	9.055	75	116	1.868	ug/l #	43
55) 1,1,2-Trichloroethane	9.104	97	3179	2.108	ug/l #	18
56) Ethyl methacrylate	9.098	69	896	0.413	ug/l #	35
58) 2-Chloroethyl Vinyl ether	8.147	63	781	0.785	ug/l #	45
59) 2-Hexanone	9.451	43	1422	1.001	ug/l	66
67) Ethyl Benzene	10.195	91	816591	116.899	ug/l	99
68) m/p-Xylenes	10.305	106	98629	35.753	ug/l	97
69) o-Xylene	10.640	106	4299	1.627	ug/l	99

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

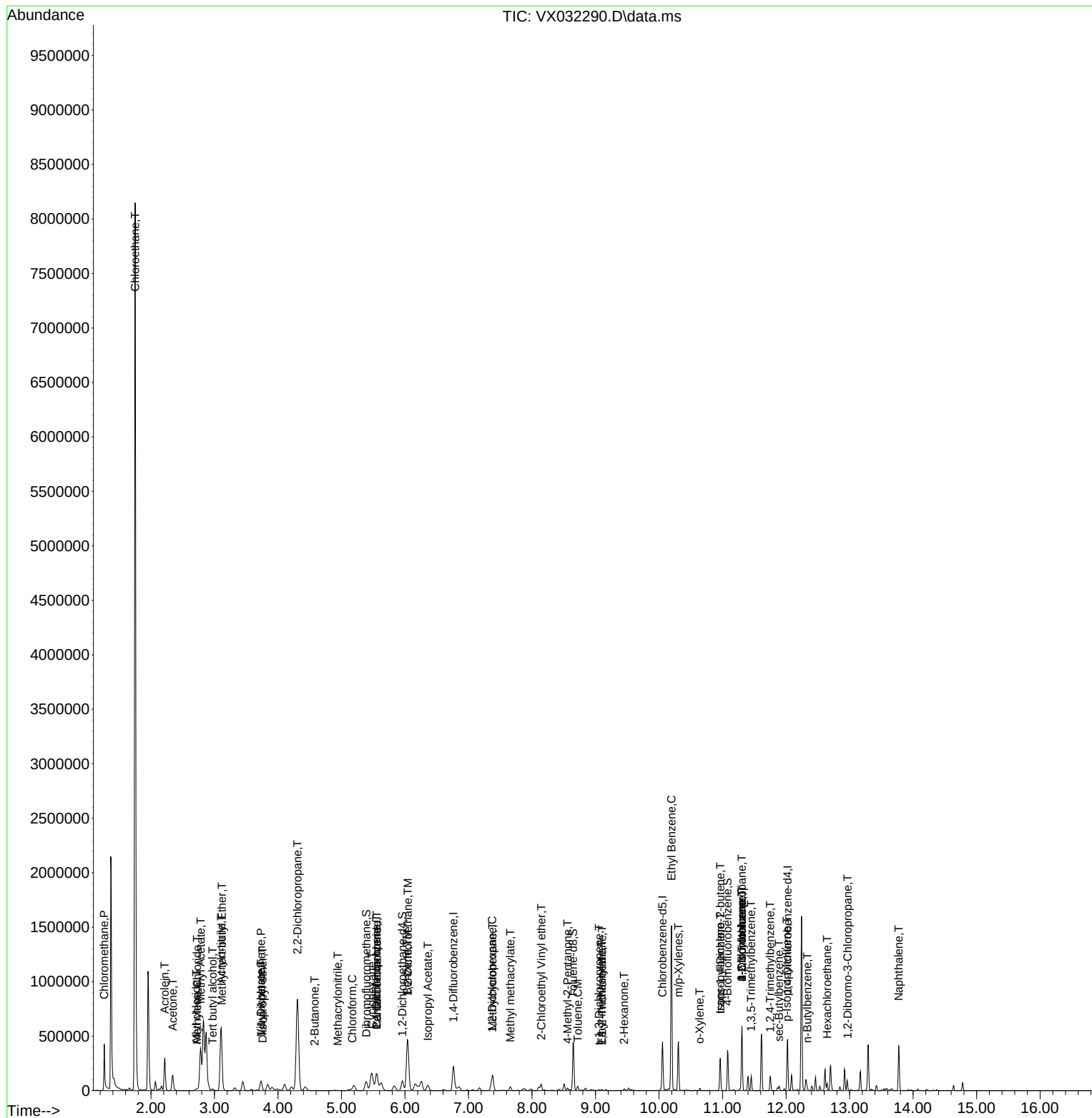
73) Isopropylbenzene	10.963	105	146127	22.032	ug/l	100
76) 1,2,3-Trichloropropane	11.305	75	2376	1.290	ug/l #	1
78) n-propylbenzene	11.305	91	348189	45.848	ug/l	99
79) 2-Chlorotoluene	11.305	91	348189	76.073	ug/l #	40
80) 1,3,5-Trimethylbenzene	11.451	105	53051	9.260	ug/l	97
81) trans-1,4-Dichloro-2-b...	10.963	75	1807	5.689	ug/l #	70
82) 4-Chlorotoluene	11.305	91	348189	65.340	ug/l #	45
84) 1,2,4-Trimethylbenzene	11.750	105	56338	10.115	ug/l	100
85) sec-Butylbenzene	11.890	105	18400	2.656	ug/l	97
86) p-Isopropyltoluene	12.012	119	3146	0.534	ug/l #	73
89) n-Butylbenzene	12.335	91	21045	4.054	ug/l #	65
90) Hexachloroethane	12.646	117	20577	22.498	ug/l #	11
92) 1,2-Dibromo-3-Chloropr...	12.969	75	324	0.795	ug/l #	1
95) Naphthalene	13.774	128	251993	39.345	ug/l	100

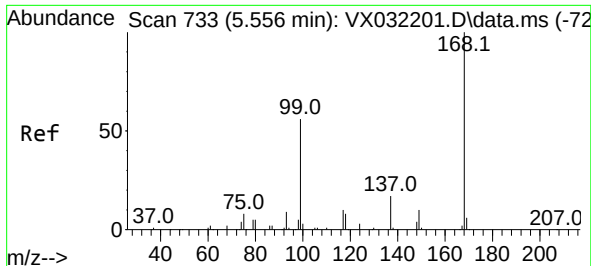
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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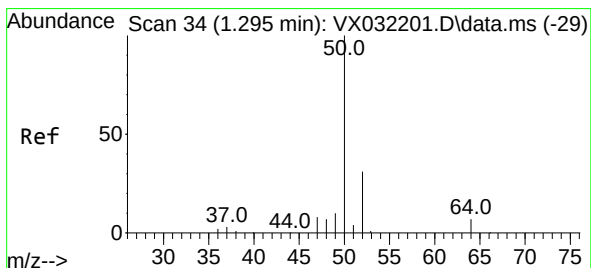
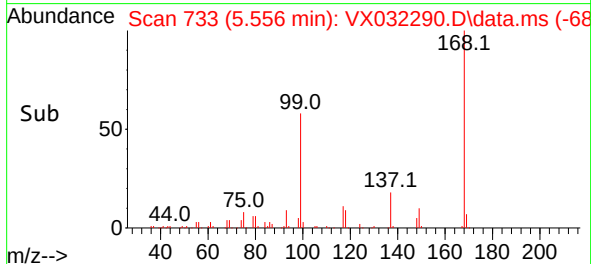
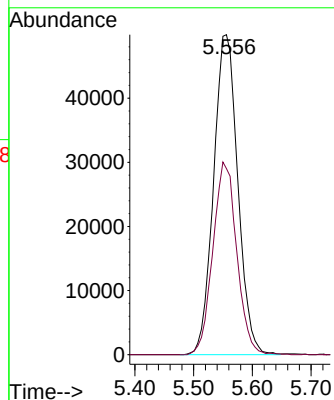
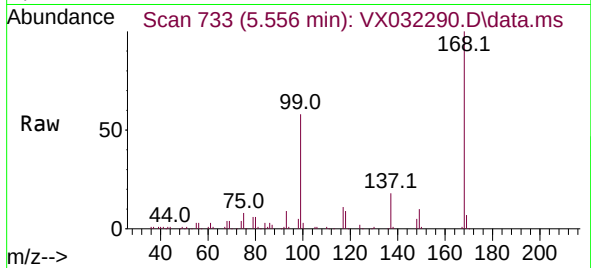




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX032290.D
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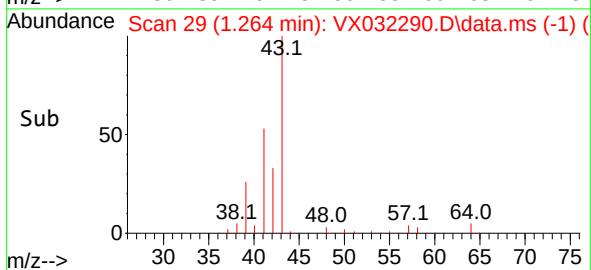
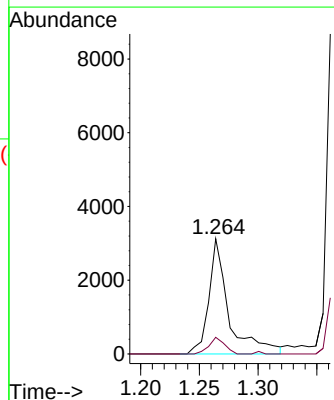
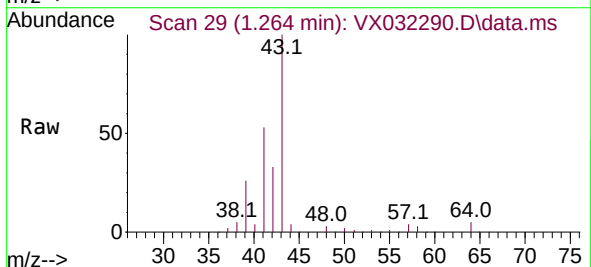
Instrument :
MSVOA_X
ClientSampleId :
RW-02

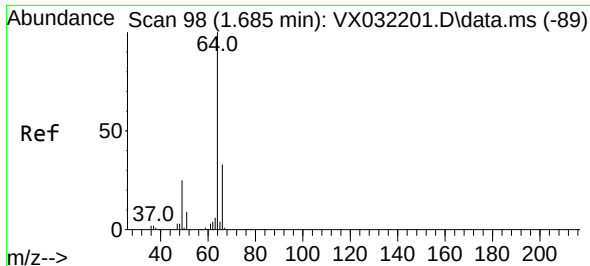
Tgt Ion:168 Resp: 142997
Ion Ratio Lower Upper
168 100
99 58.2 44.8 67.2



#3
Chloromethane
Concen: 1.078 ug/l
RT: 1.264 min Scan# 29
Delta R.T. -0.031 min
Lab File: VX032290.D
Acq: 21 Oct 2022 15:49

Tgt Ion: 50 Resp: 3709
Ion Ratio Lower Upper
50 100
52 14.4 24.7 37.1#

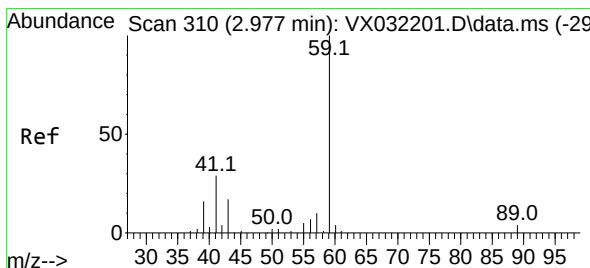
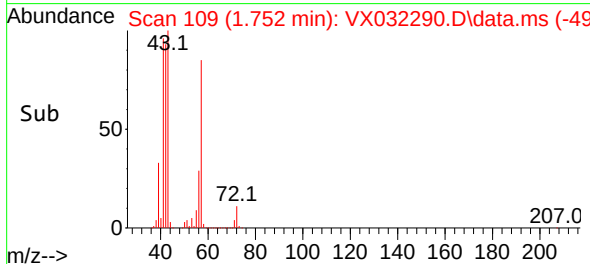
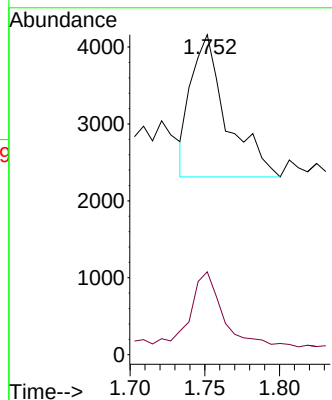
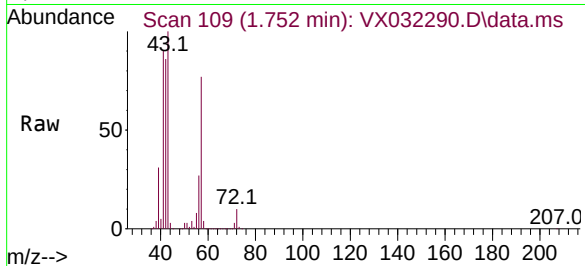




#6
Chloroethane
Concen: 4.046 ug/l
RT: 1.752 min Scan# 109
Delta R.T. 0.067 min
Lab File: VX032290.D
Acq: 21 Oct 2022 15:49

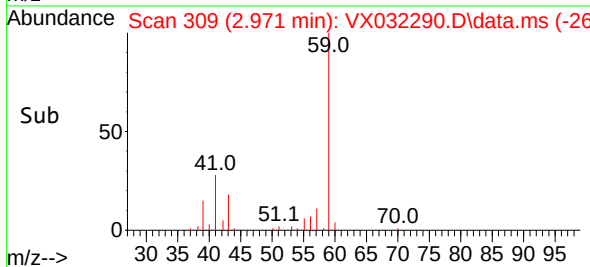
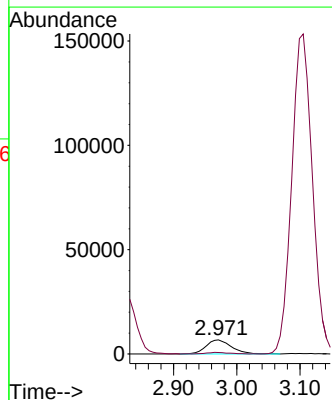
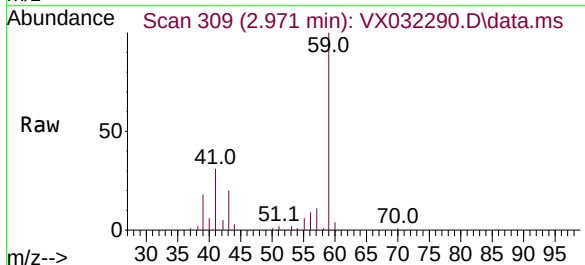
Instrument :
MSVOA_X
ClientSampleId :
RW-02

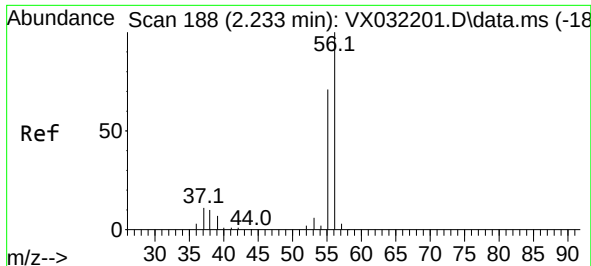
Tgt Ion: 64 Resp: 3068
Ion Ratio Lower Upper
64 100
66 50.3 26.6 39.8#



#11
Tert butyl alcohol
Concen: 53.897 ug/l
RT: 2.971 min Scan# 309
Delta R.T. -0.006 min
Lab File: VX032290.D
Acq: 21 Oct 2022 15:49

Tgt Ion: 59 Resp: 18866
Ion Ratio Lower Upper
59 100
57 0.0 7.5 11.3#

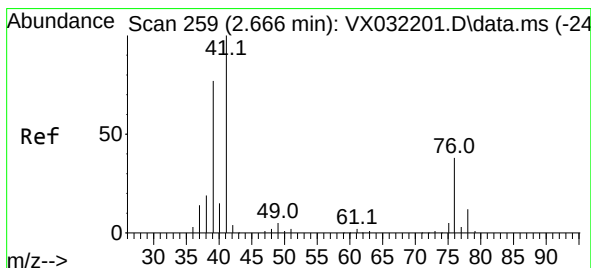
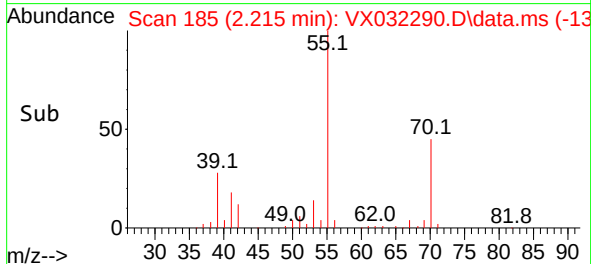
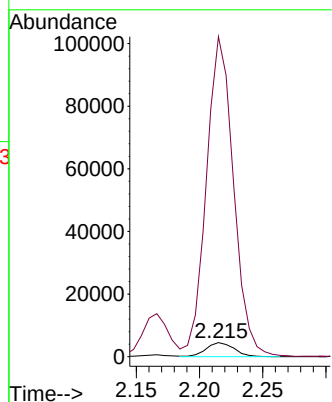
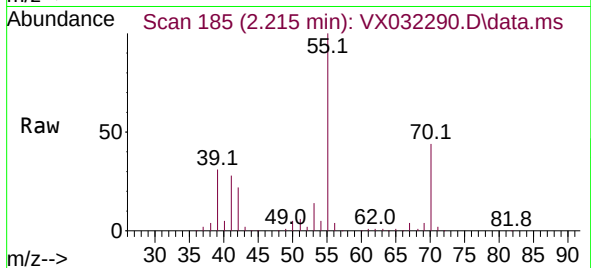




#13
Acrolein
Concen: 30.492 ug/l
RT: 2.215 min Scan# 11
Delta R.T. -0.018 min
Lab File: VX032290.D
Acq: 21 Oct 2022 15:49

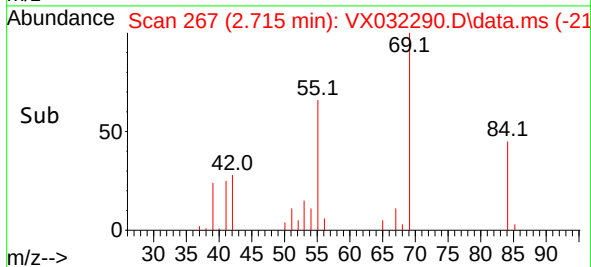
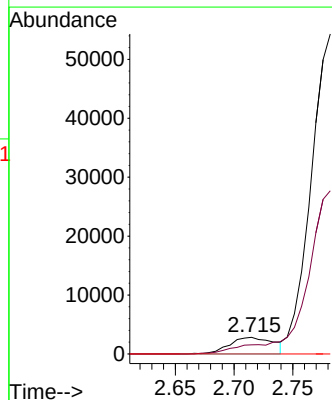
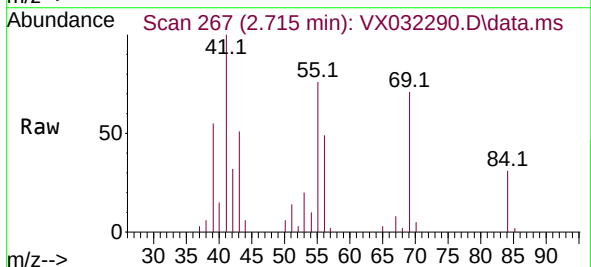
Instrument :
MSVOA_X
ClientSampleId :
RW-02

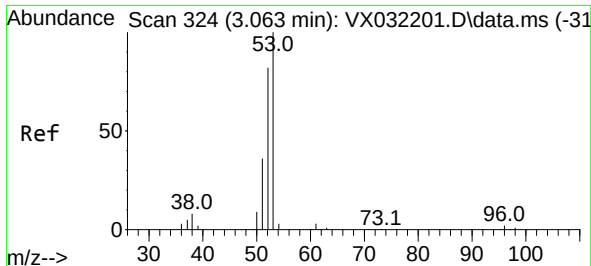
Tgt Ion: 56 Resp: 6905
Ion Ratio Lower Upper
56 100
55 2221.6 56.4 84.6#



#14
Allyl chloride
Concen: 3.707 ug/l
RT: 2.715 min Scan# 267
Delta R.T. 0.049 min
Lab File: VX032290.D
Acq: 21 Oct 2022 15:49

Tgt Ion: 41 Resp: 7431
Ion Ratio Lower Upper
41 100
39 0.0 59.5 89.3#
76 0.0 28.6 42.8#





#15

Acrylonitrile

Concen: 21.861 ug/l

RT: 3.105 min Scan# 31

Delta R.T. 0.042 min

Lab File: VX032290.D

Acq: 21 Oct 2022 15:49

Instrument :

MSVOA_X

ClientSampleId :

RW-02

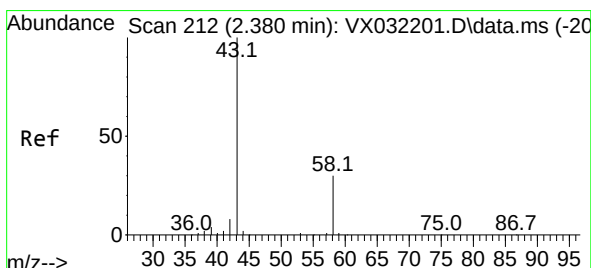
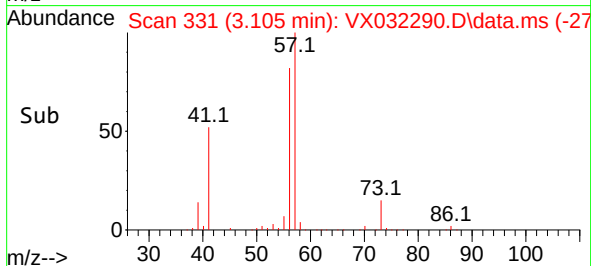
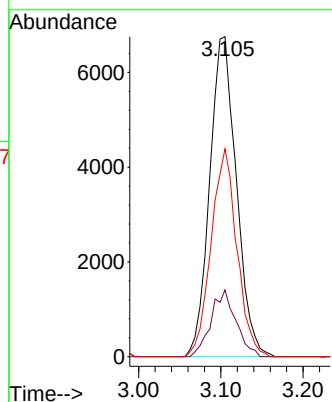
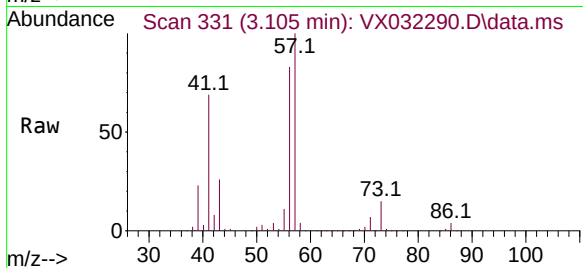
Tgt Ion: 53 Resp: 15252

Ion Ratio Lower Upper

53 100

52 19.5 65.9 98.9#

51 62.4 29.7 44.5#



#16

Acetone

Concen: 88.220 ug/l

RT: 2.343 min Scan# 206

Delta R.T. -0.037 min

Lab File: VX032290.D

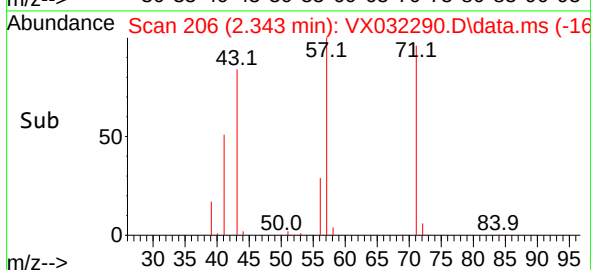
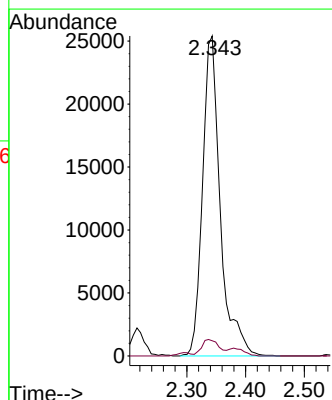
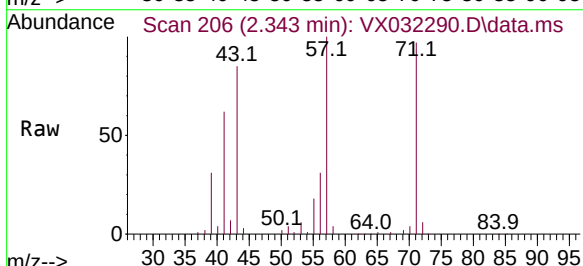
Acq: 21 Oct 2022 15:49

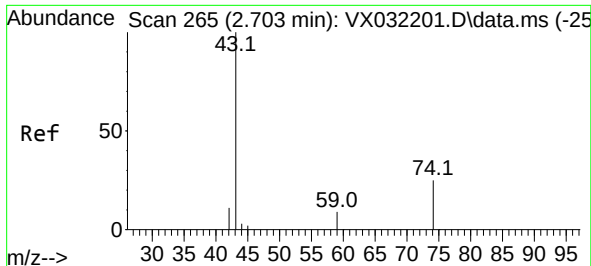
Tgt Ion: 43 Resp: 53257

Ion Ratio Lower Upper

43 100

58 4.8 24.2 36.2#





#18

Methyl Acetate

Concen: 121.366 ug/l

RT: 2.782 min Scan# 21

Delta R.T. 0.079 min

Lab File: VX032290.D

Acq: 21 Oct 2022 15:49

Instrument :

MSVOA_X

ClientSampleId :

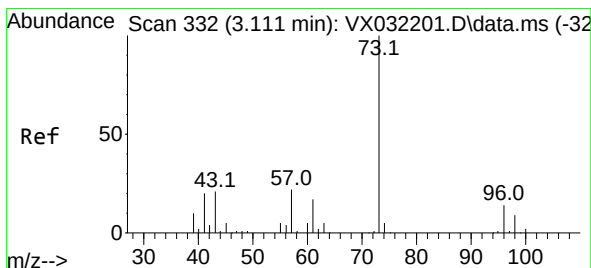
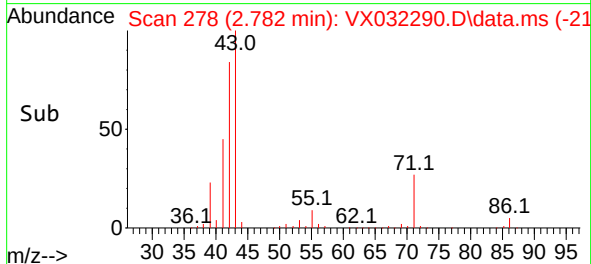
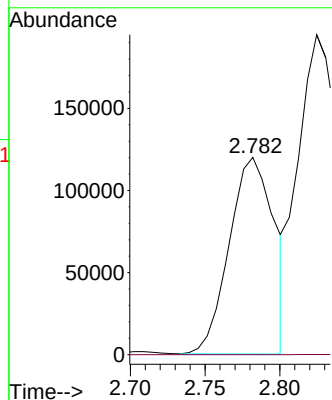
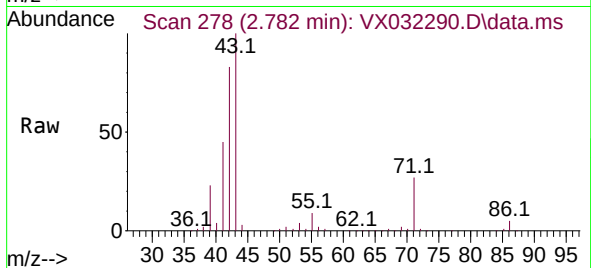
RW-02

Tgt Ion: 43 Resp: 248740

Ion Ratio Lower Upper

43 100

74 0.0 19.8 29.8#



#19

Methyl tert-butyl Ether

Concen: 14.277 ug/l

RT: 3.117 min Scan# 333

Delta R.T. 0.006 min

Lab File: VX032290.D

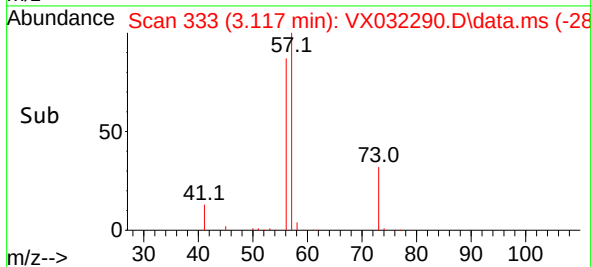
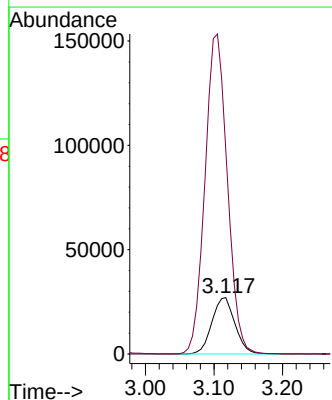
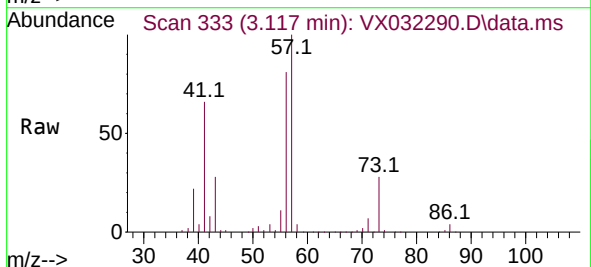
Acq: 21 Oct 2022 15:49

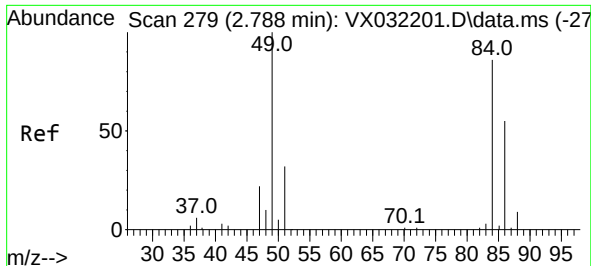
Tgt Ion: 73 Resp: 62795

Ion Ratio Lower Upper

73 100

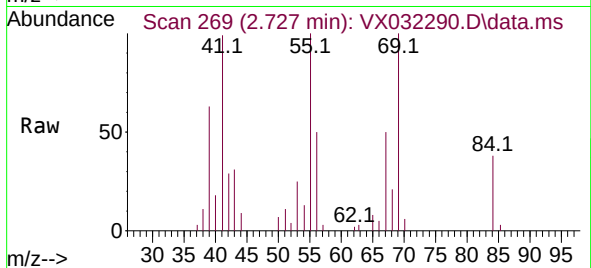
57 361.0 17.4 26.2#





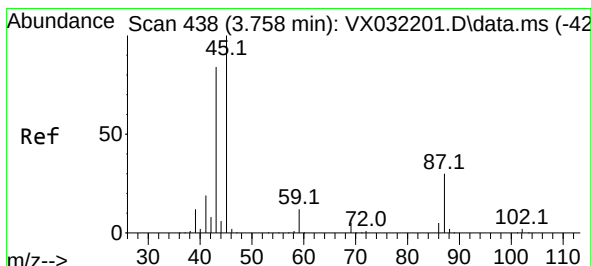
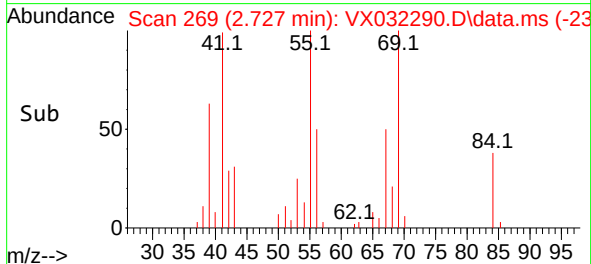
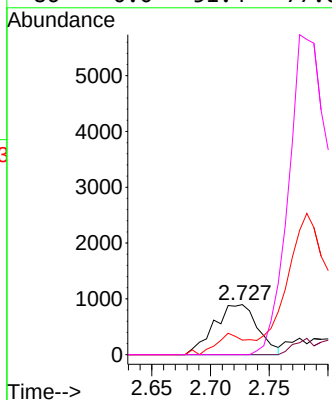
#20
Methylene Chloride
Concen: 1.499 ug/l
RT: 2.727 min Scan# 21
Delta R.T. -0.061 min
Lab File: VX032290.D
Acq: 21 Oct 2022 15:49

Instrument :
MSVOA_X
ClientSampleId :
RW-02



Tgt Ion: 84 Resp: 2323

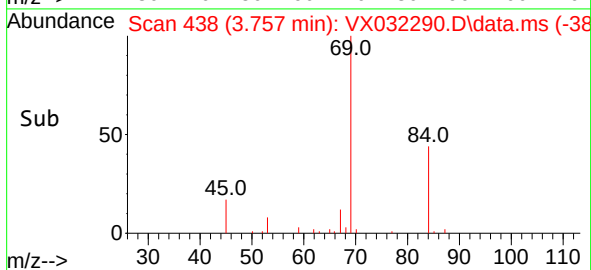
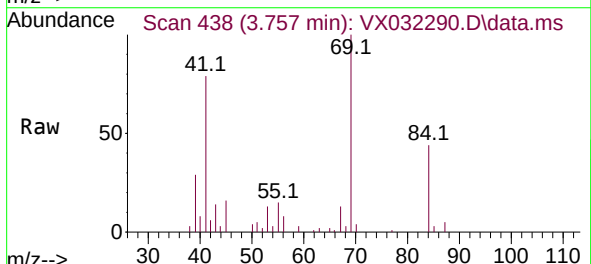
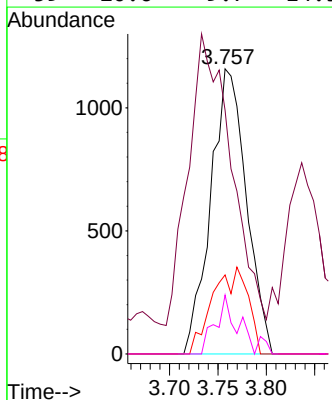
Ion	Ratio	Lower	Upper
84	100		
49	0.0	92.6	139.0#
51	29.2	29.2	43.8
86	0.0	51.4	77.0#

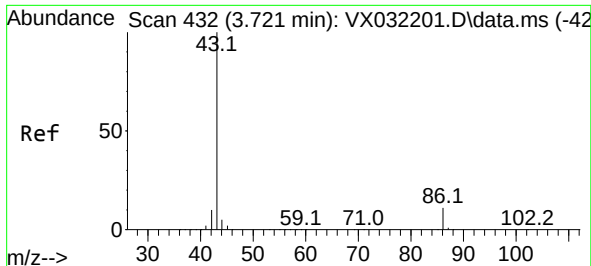


#22
Diisopropyl ether
Concen: 0.675 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.001 min
Lab File: VX032290.D
Acq: 21 Oct 2022 15:49

Tgt Ion: 45 Resp: 2963

Ion	Ratio	Lower	Upper
45	100		
43	67.9	67.5	101.3
87	27.7	24.0	36.0
59	20.6	9.7	14.5#

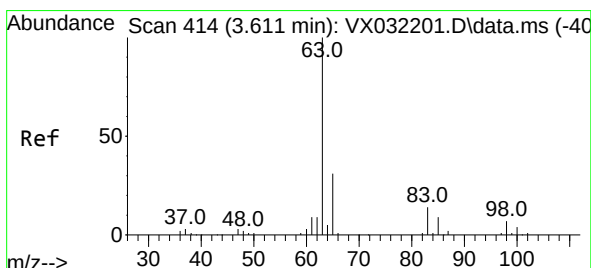
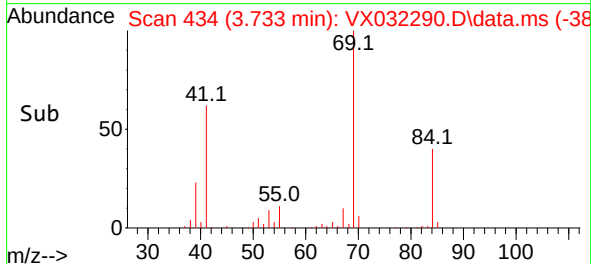
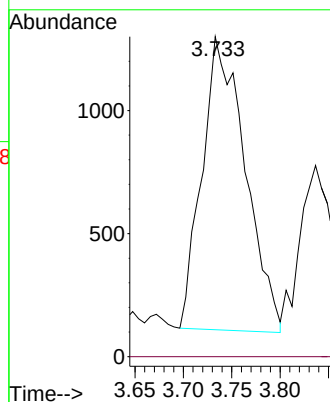
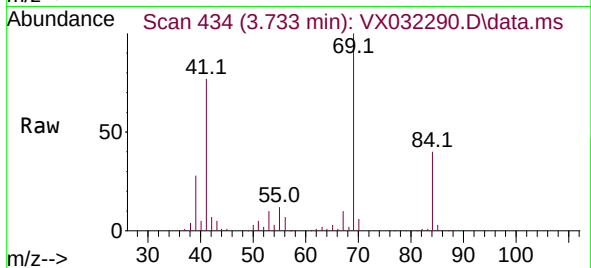




#23
 Vinyl Acetate
 Concen: 1.050 ug/l
 RT: 3.733 min Scan# 41
 Delta R.T. 0.012 min
 Lab File: VX032290.D
 Acq: 21 Oct 2022 15:49

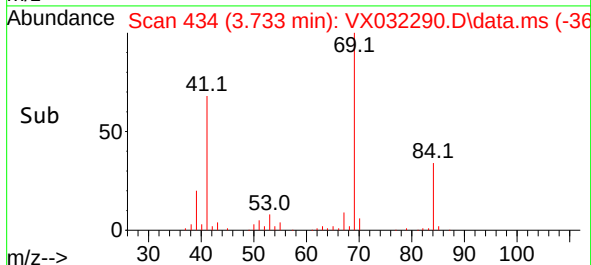
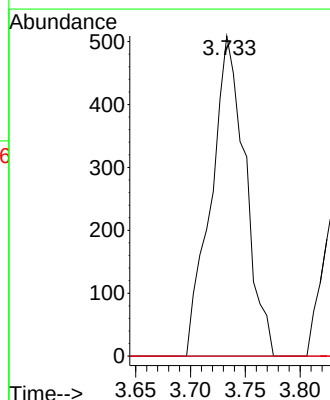
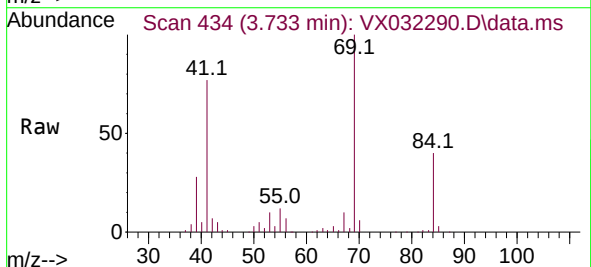
Instrument :
 MSVOA_X
 ClientSampleId :
 RW-02

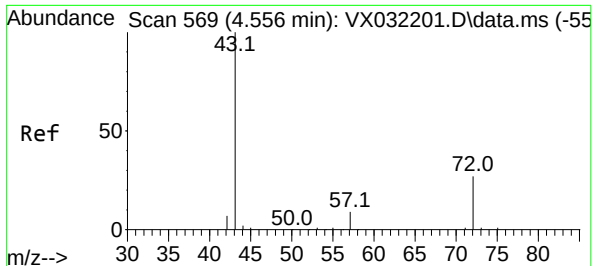
Tgt Ion: 43 Resp: 3684
 Ion Ratio Lower Upper
 43 100
 86 0.0 8.6 13.0#



#24
 1,1-Dichloroethane
 Concen: 0.435 ug/l
 RT: 3.733 min Scan# 434
 Delta R.T. 0.122 min
 Lab File: VX032290.D
 Acq: 21 Oct 2022 15:49

Tgt Ion: 63 Resp: 1103
 Ion Ratio Lower Upper
 63 100
 98 0.0 3.6 10.9#
 100 0.0 2.1 6.3#





#25

2-Butanone

Concen: 2.594 ug/l

RT: 4.574 min Scan# 51

Delta R.T. 0.018 min

Lab File: VX032290.D

Acq: 21 Oct 2022 15:49

Instrument :

MSVOA_X

ClientSampleId :

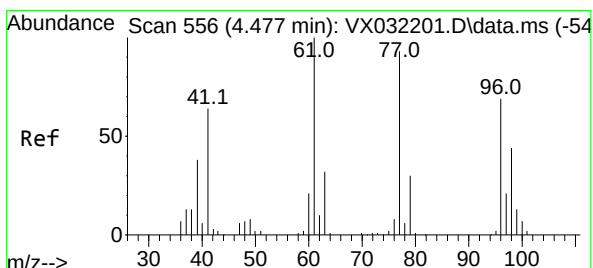
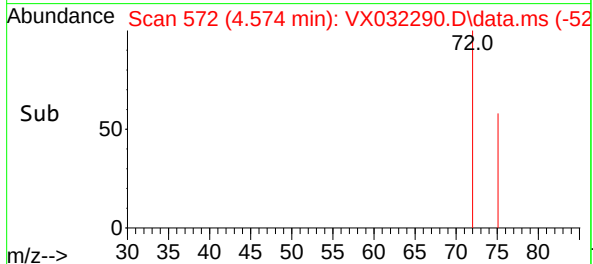
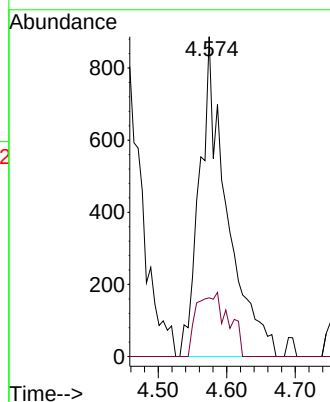
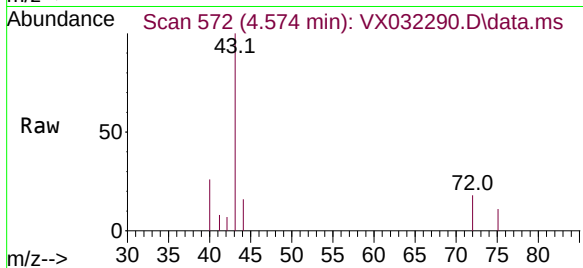
RW-02

Tgt Ion: 43 Resp: 2445

Ion Ratio Lower Upper

43 100

72 18.4 21.7 32.5#



#26

2,2-Dichloropropane

Concen: 2.735 ug/l

RT: 4.306 min Scan# 528

Delta R.T. -0.171 min

Lab File: VX032290.D

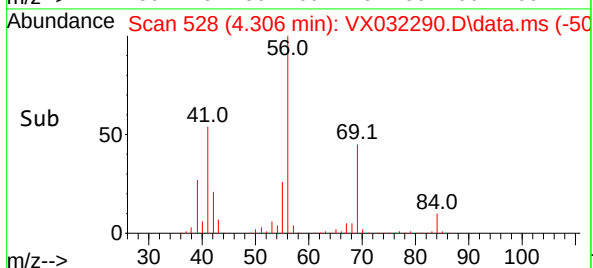
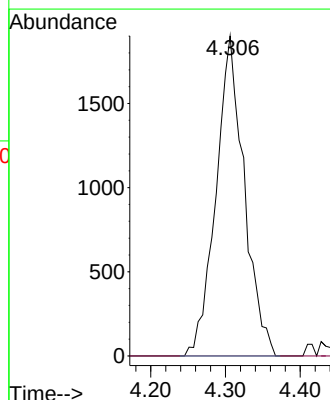
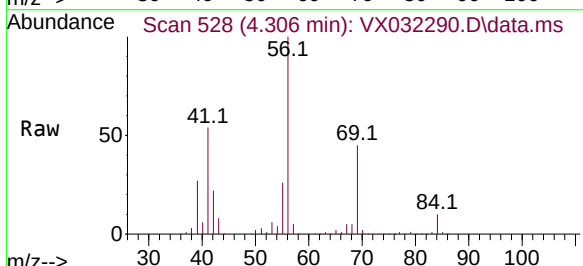
Acq: 21 Oct 2022 15:49

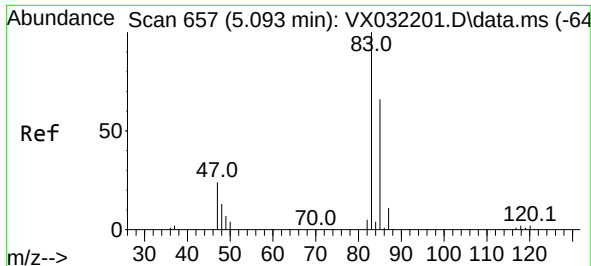
Tgt Ion: 77 Resp: 4998

Ion Ratio Lower Upper

77 100

97 0.0 11.8 35.3#

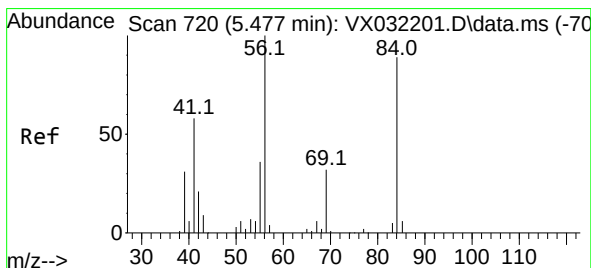
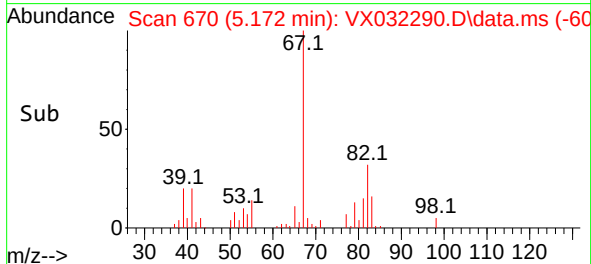
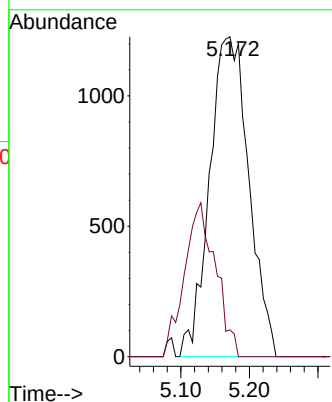
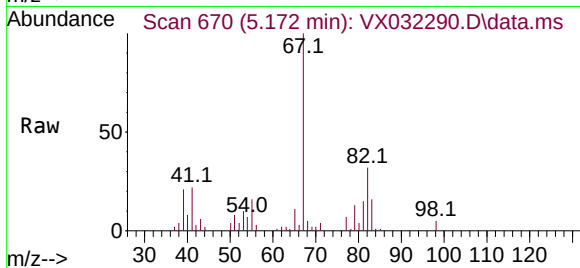




#30
Chloroform
Concen: 1.770 ug/l
RT: 5.172 min Scan# 61
Delta R.T. 0.079 min
Lab File: VX032290.D
Acq: 21 Oct 2022 15:49

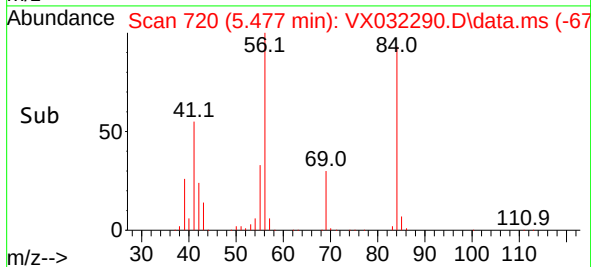
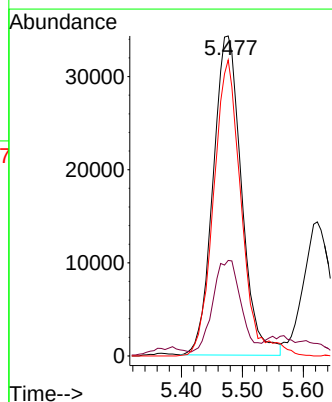
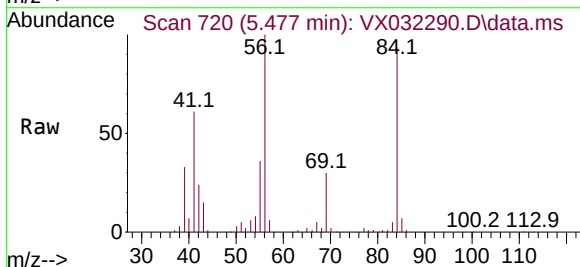
Instrument :
MSVOA_X
ClientSampleId :
RW-02

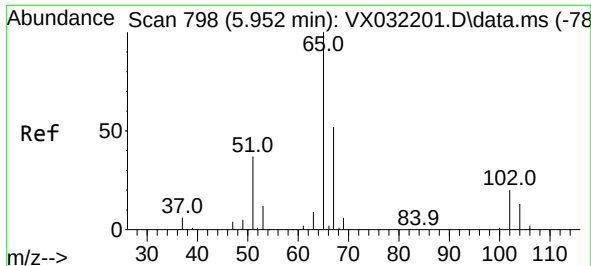
Tgt Ion: 83 Resp: 4886
Ion Ratio Lower Upper
83 100
85 8.4 52.5 78.7#



#31
Cyclohexane
Concen: 52.334 ug/l
RT: 5.477 min Scan# 720
Delta R.T. -0.000 min
Lab File: VX032290.D
Acq: 21 Oct 2022 15:49

Tgt Ion: 56 Resp: 111295
Ion Ratio Lower Upper
56 100
69 28.1 25.4 38.0
84 92.7 71.2 106.8





#33

1,2-Dichloroethane-d4

Concen: 48.023 ug/l

RT: 5.958 min Scan# 798

Delta R.T. 0.006 min

Lab File: VX032290.D

Acq: 21 Oct 2022 15:49

Instrument :

MSVOA_X

ClientSampleId :

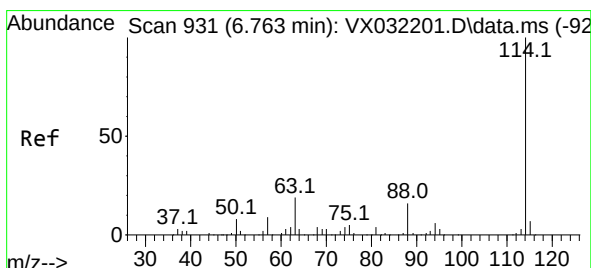
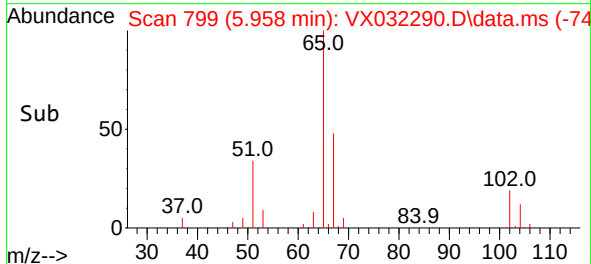
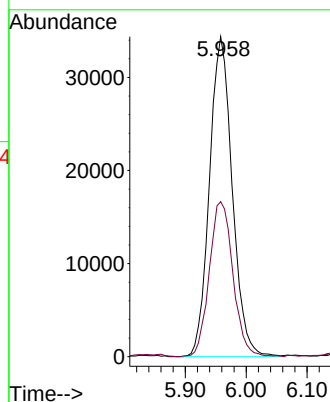
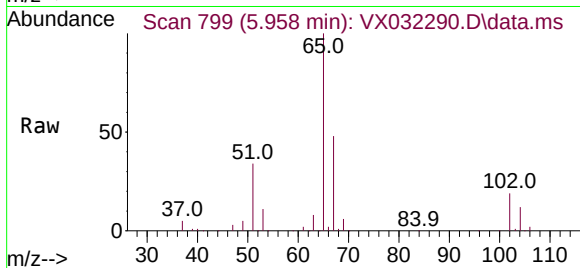
RW-02

Tgt Ion: 65 Resp: 89335

Ion Ratio Lower Upper

65 100

67 50.3 0.0 103.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX032290.D

Acq: 21 Oct 2022 15:49

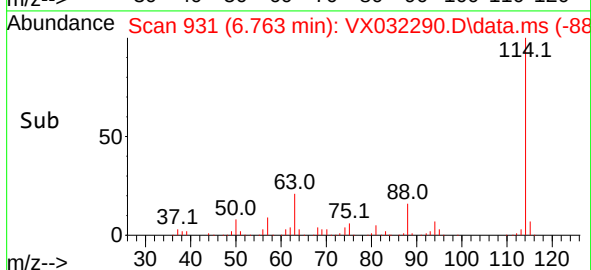
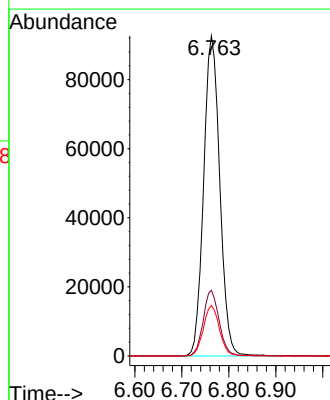
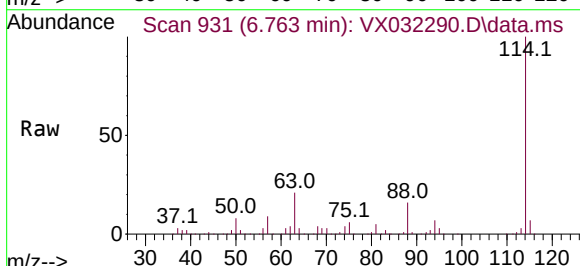
Tgt Ion: 114 Resp: 220877

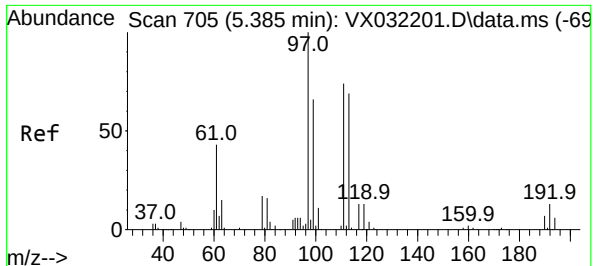
Ion Ratio Lower Upper

114 100

63 20.6 0.0 38.6

88 15.8 0.0 32.6

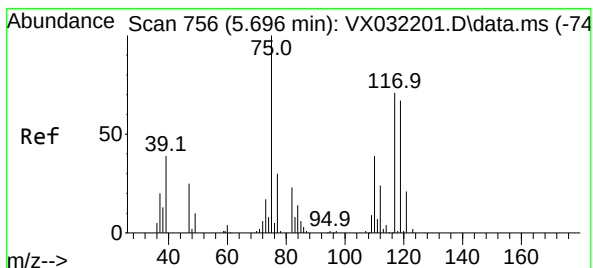
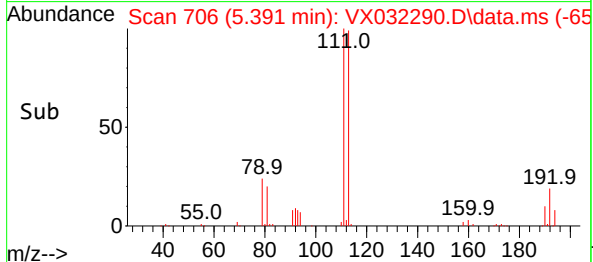
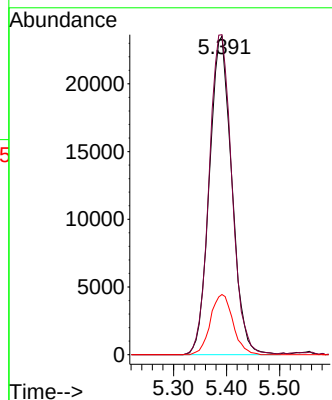
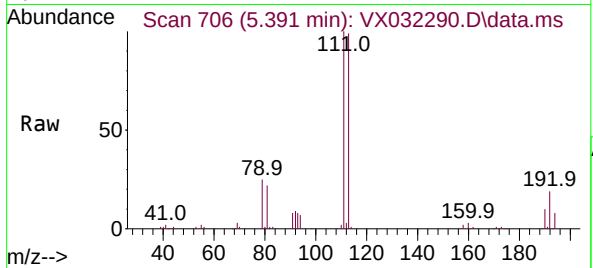




#35
Dibromofluoromethane
Concen: 44.850 ug/l
RT: 5.391 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX032290.D
Acq: 21 Oct 2022 15:49

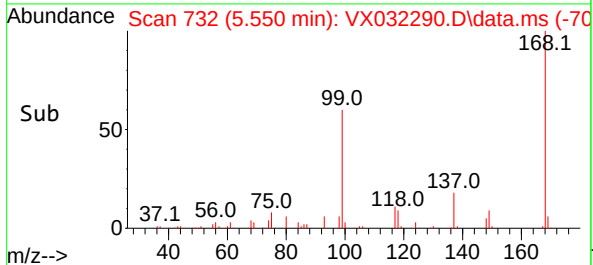
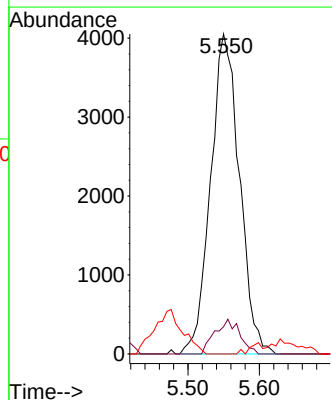
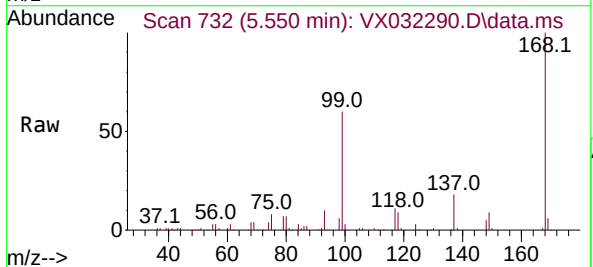
Instrument :
MSVOA_X
ClientSampleId :
RW-02

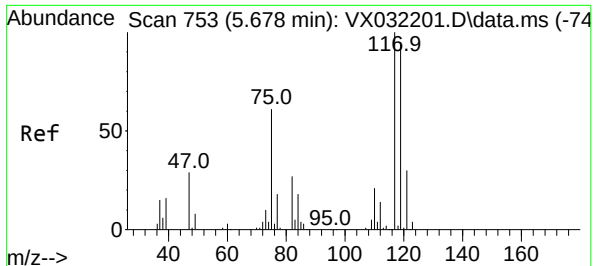
Tgt Ion:113 Resp: 68935
Ion Ratio Lower Upper
113 100
111 102.2 82.8 124.2
192 19.0 15.5 23.3



#36
1,1-Dichloropropene
Concen: 5.744 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.146 min
Lab File: VX032290.D
Acq: 21 Oct 2022 15:49

Tgt Ion: 75 Resp: 11356
Ion Ratio Lower Upper
75 100
110 9.3 18.4 55.0#
77 0.0 24.7 37.1#

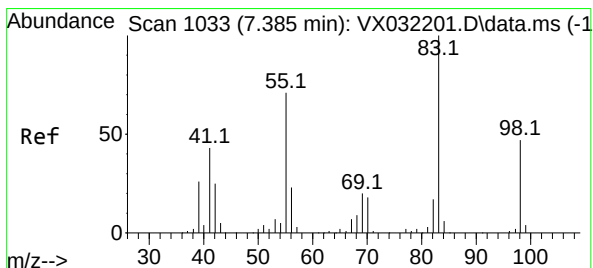
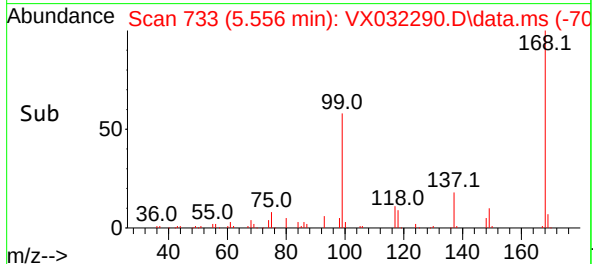
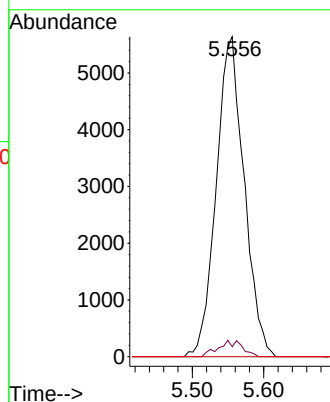
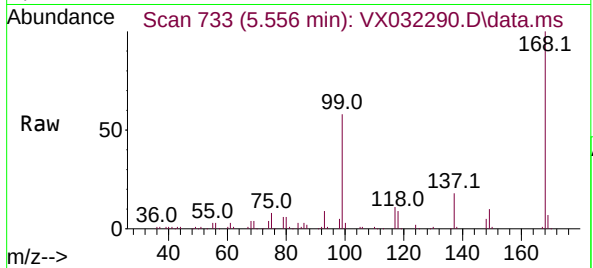




#38
Carbon Tetrachloride
Concen: 7.318 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX032290.D
Acq: 21 Oct 2022 15:49

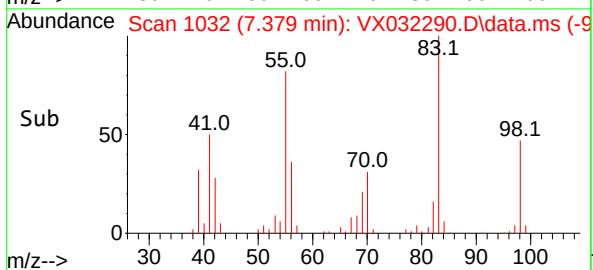
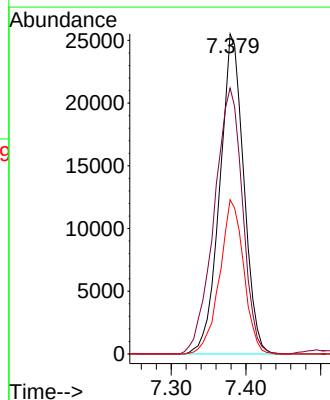
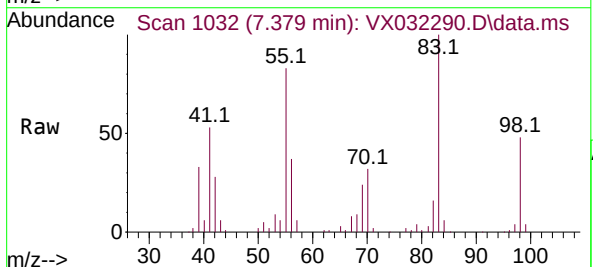
Instrument :
MSVOA_X
ClientSampleId :
RW-02

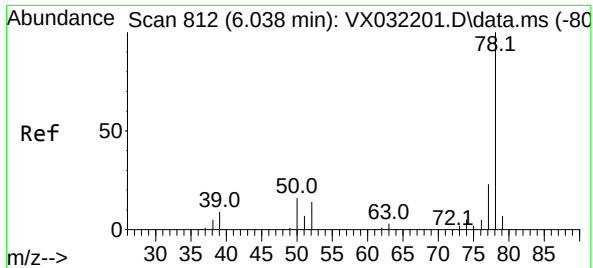
Tgt Ion:117 Resp: 15275
Ion Ratio Lower Upper
117 100
119 3.1 75.4 113.0#
121 0.0 23.9 35.9#



#39
Methylcyclohexane
Concen: 24.075 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. -0.006 min
Lab File: VX032290.D
Acq: 21 Oct 2022 15:49

Tgt Ion: 83 Resp: 56862
Ion Ratio Lower Upper
83 100
55 83.1 56.6 85.0
98 48.2 37.4 56.0

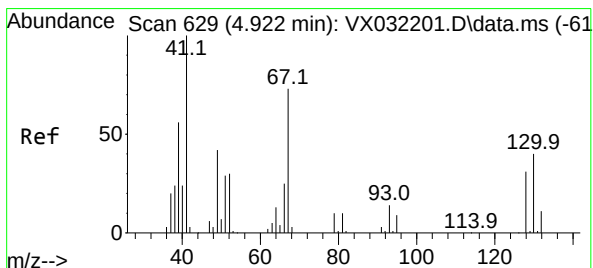
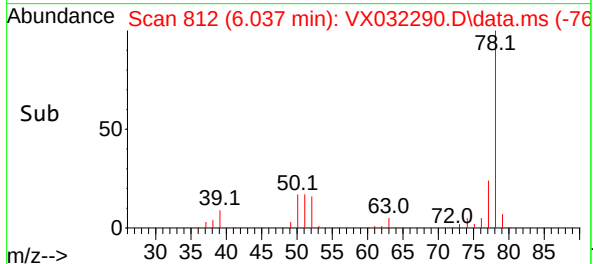
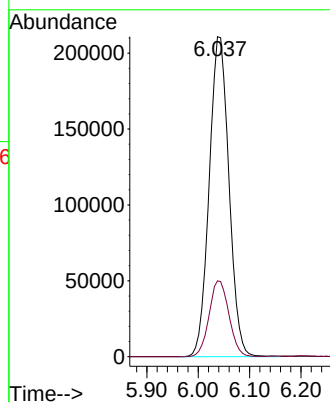
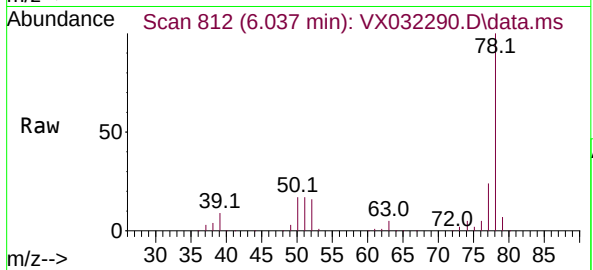




#40
Benzene
Concen: 98.227 ug/l
RT: 6.037 min Scan# 812
Delta R.T. -0.001 min
Lab File: VX032290.D
Acq: 21 Oct 2022 15:49

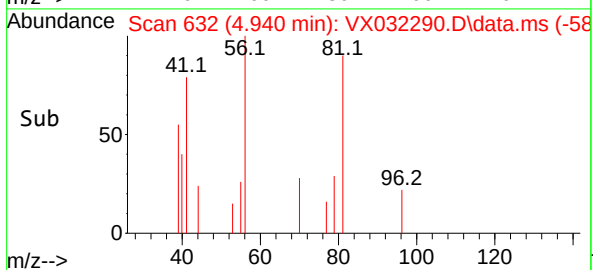
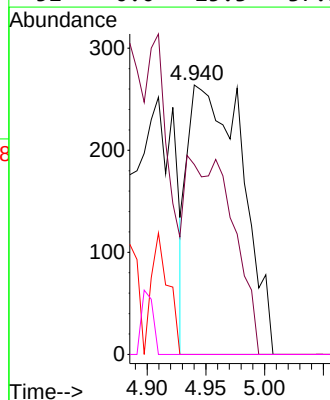
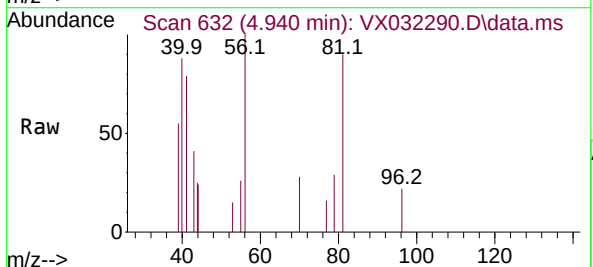
Instrument :
MSVOA_X
ClientSampleId :
RW-02

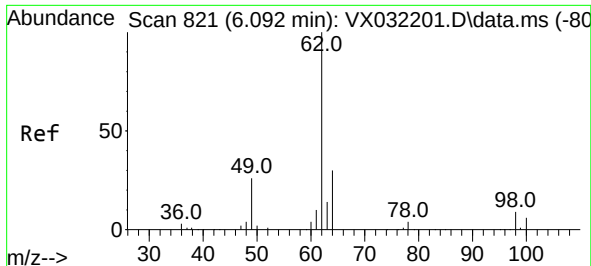
Tgt Ion: 78 Resp: 562875
Ion Ratio Lower Upper
78 100
77 23.7 18.6 27.8



#41
Methacrylonitrile
Concen: 0.837 ug/l
RT: 4.940 min Scan# 632
Delta R.T. 0.018 min
Lab File: VX032290.D
Acq: 21 Oct 2022 15:49

Tgt Ion: 41 Resp: 854
Ion Ratio Lower Upper
41 100
39 0.0 45.5 68.3#
67 0.0 59.4 89.2#
52 0.0 25.3 37.9#





#42

1,2-Dichloroethane

Concen: 2.531 ug/l

RT: 6.044 min Scan# 81

Delta R.T. -0.048 min

Lab File: VX032290.D

Acq: 21 Oct 2022 15:49

Instrument :

MSVOA_X

ClientSampleId :

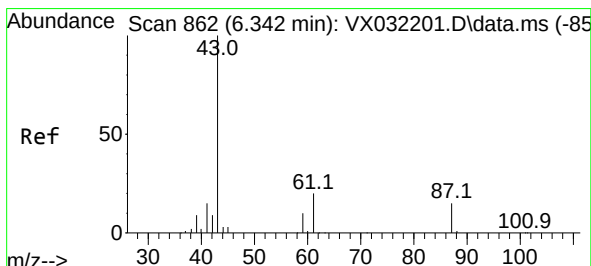
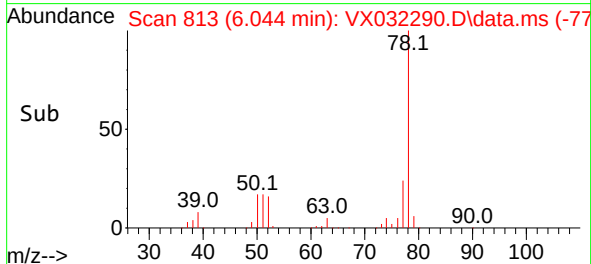
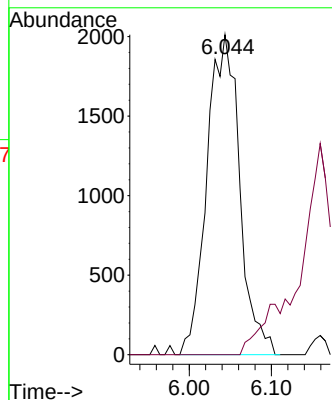
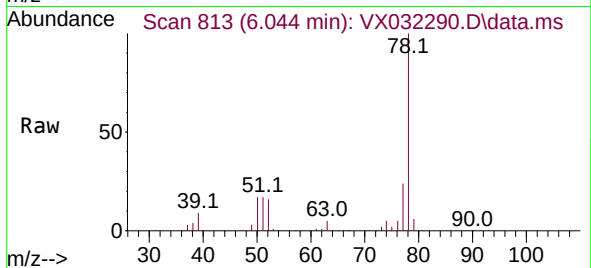
RW-02

Tgt Ion: 62 Resp: 5555

Ion Ratio Lower Upper

62 100

98 0.0 0.0 17.4



#43

Isopropyl Acetate

Concen: 0.926 ug/l

RT: 6.361 min Scan# 865

Delta R.T. 0.019 min

Lab File: VX032290.D

Acq: 21 Oct 2022 15:49

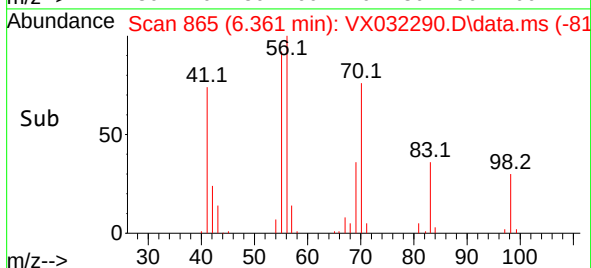
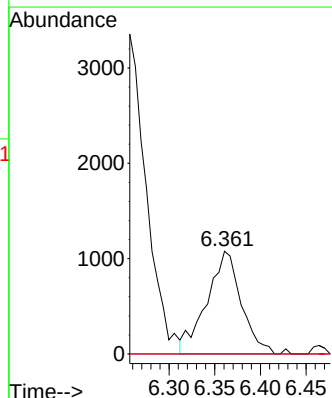
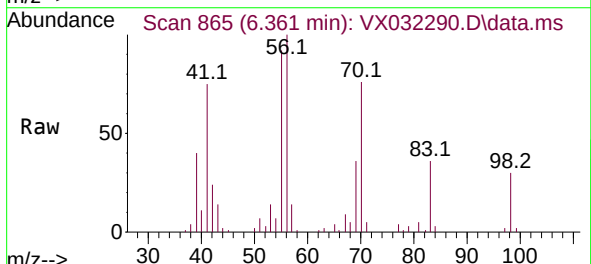
Tgt Ion: 43 Resp: 2812

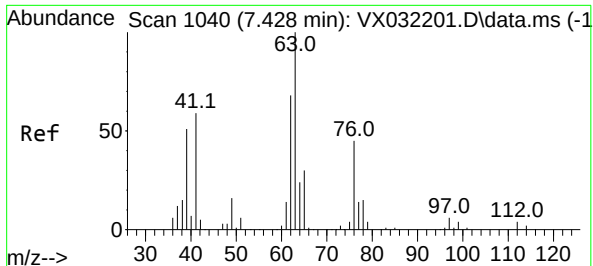
Ion Ratio Lower Upper

43 100

61 0.0 15.5 23.3#

87 0.0 11.0 16.6#





#45

1,2-Dichloropropane

Concen: 0.585 ug/l

RT: 7.373 min Scan# 1031

Delta R.T. -0.055 min

Lab File: VX032290.D

Acq: 21 Oct 2022 15:49

Instrument :

MSVOA_X

ClientSampleId :

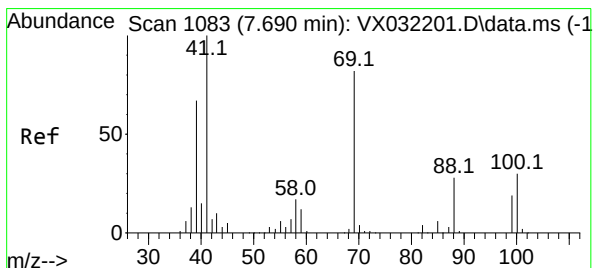
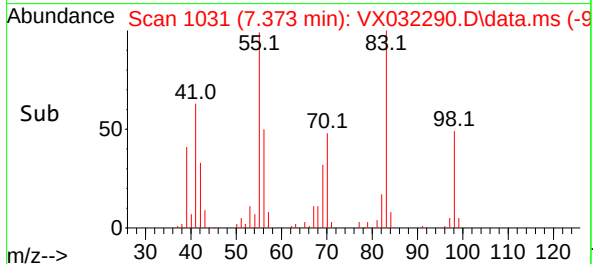
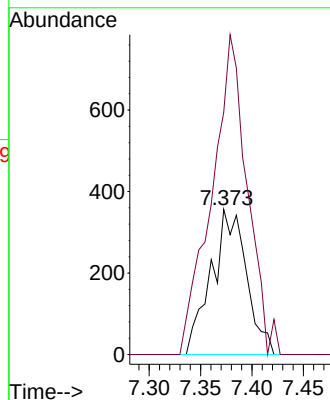
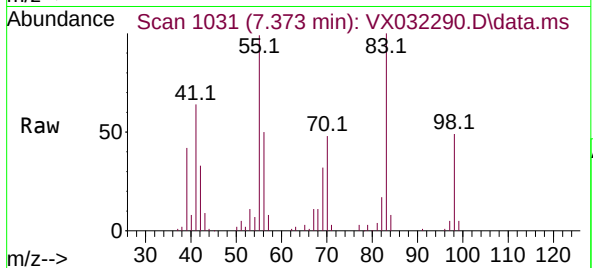
RW-02

Tgt Ion: 63 Resp: 846

Ion Ratio Lower Upper

63 100

65 166.9 23.8 35.8#



#48

Methyl methacrylate

Concen: 5.569 ug/l

RT: 7.659 min Scan# 1078

Delta R.T. -0.031 min

Lab File: VX032290.D

Acq: 21 Oct 2022 15:49

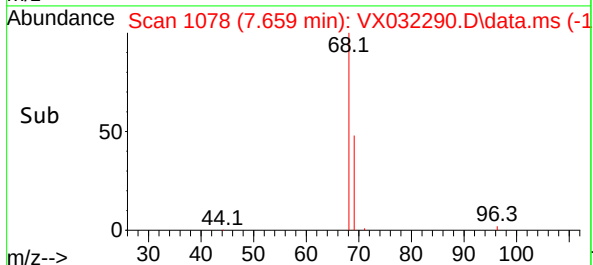
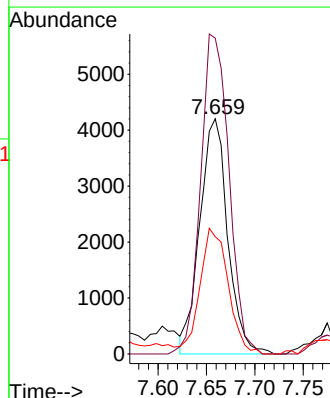
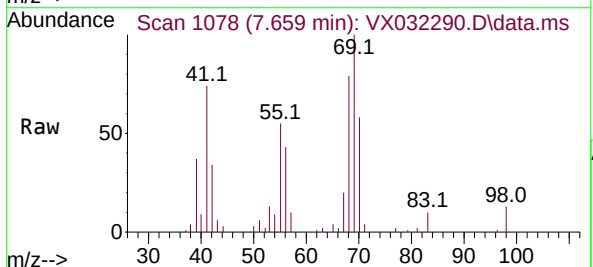
Tgt Ion: 41 Resp: 8439

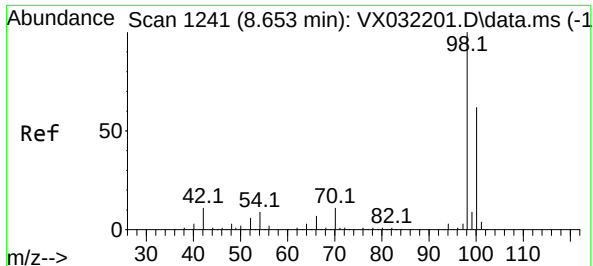
Ion Ratio Lower Upper

41 100

69 138.0 67.3 100.9#

39 54.4 53.8 80.8

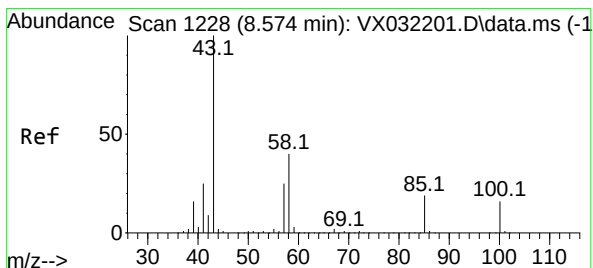
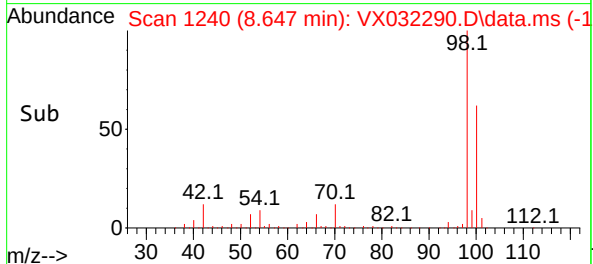
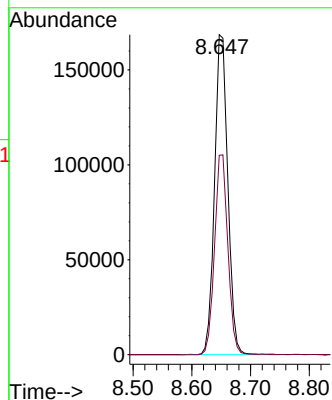
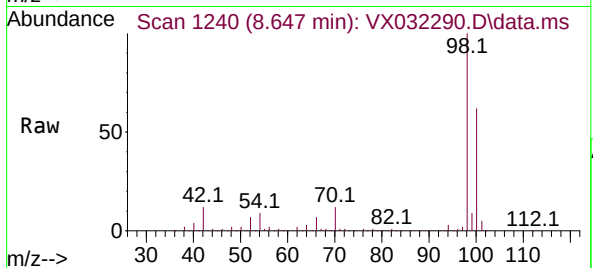




#50
Toluene-d8
Concen: 47.690 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX032290.D
Acq: 21 Oct 2022 15:49

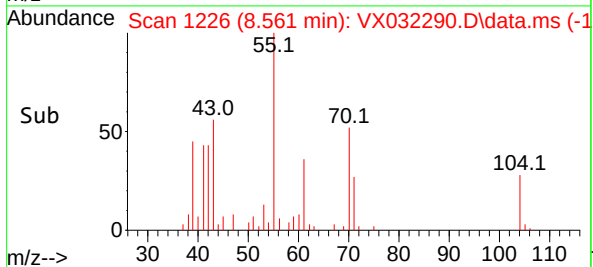
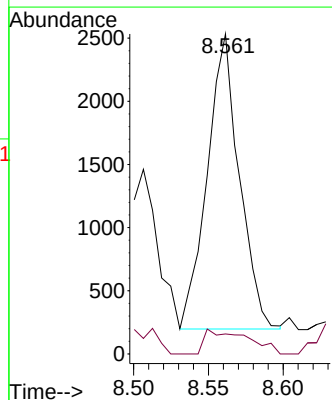
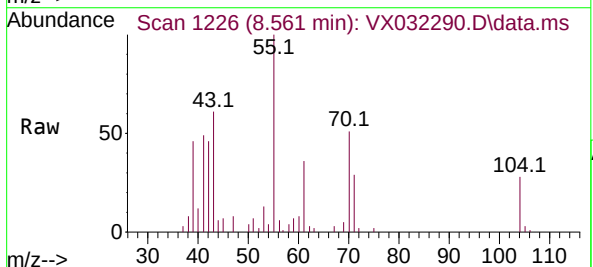
Instrument :
MSVOA_X
ClientSampleId :
RW-02

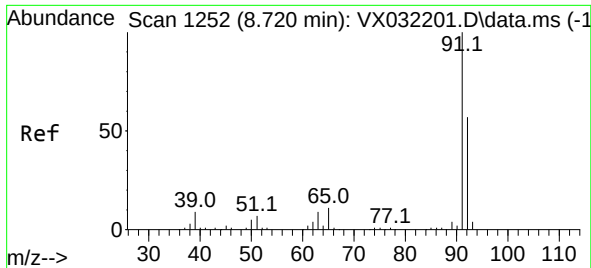
Tgt Ion: 98 Resp: 263857
Ion Ratio Lower Upper
98 100
100 62.8 50.7 76.1



#51
4-Methyl-2-Pentanone
Concen: 1.831 ug/l
RT: 8.561 min Scan# 1226
Delta R.T. -0.013 min
Lab File: VX032290.D
Acq: 21 Oct 2022 15:49

Tgt Ion: 43 Resp: 3487
Ion Ratio Lower Upper
43 100
58 11.2 31.0 46.4#

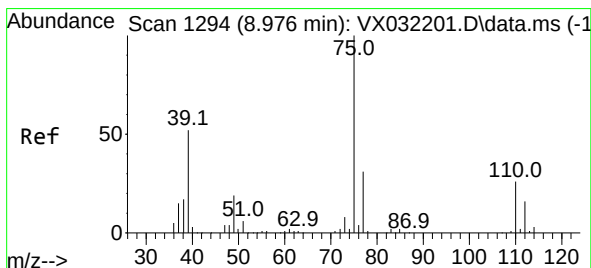
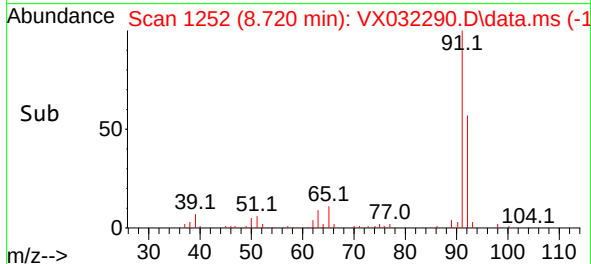
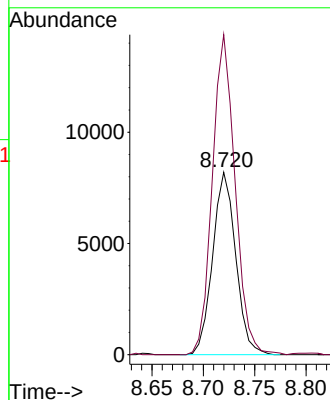
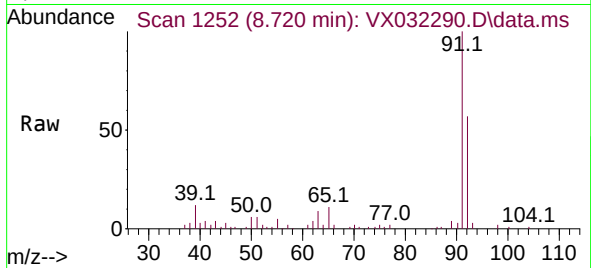




#52
Toluene
Concen: 3.445 ug/l
RT: 8.720 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX032290.D
Acq: 21 Oct 2022 15:49

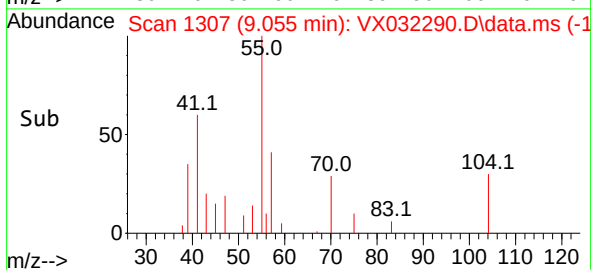
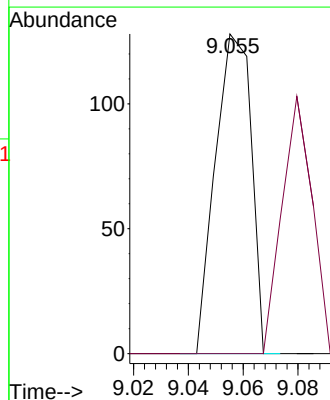
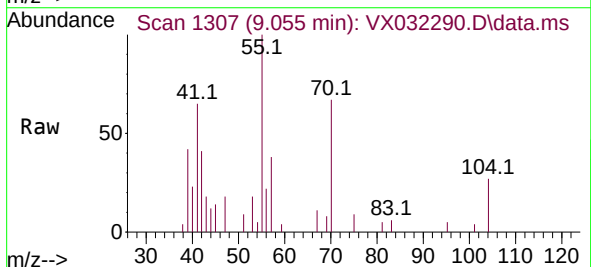
Instrument :
MSVOA_X
ClientSampleId :
RW-02

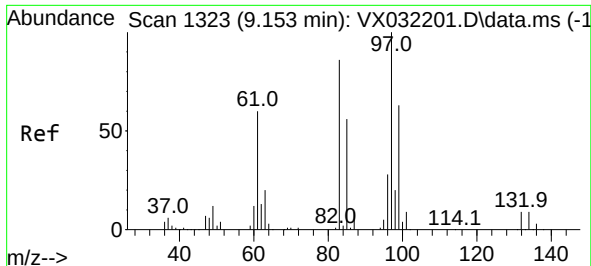
Tgt Ion: 92 Resp: 12789
Ion Ratio Lower Upper
92 100
91 172.9 140.3 210.5



#53
t-1,3-Dichloropropene
Concen: 1.868 ug/l
RT: 9.055 min Scan# 1307
Delta R.T. 0.079 min
Lab File: VX032290.D
Acq: 21 Oct 2022 15:49

Tgt Ion: 75 Resp: 116
Ion Ratio Lower Upper
75 100
77 0.0 25.2 37.8#





#55

1,1,2-Trichloroethane

Concen: 2.108 ug/l

RT: 9.104 min Scan# 1315

Delta R.T. -0.049 min

Lab File: VX032290.D

Acq: 21 Oct 2022 15:49

Instrument :

MSVOA_X

ClientSampleId :

RW-02

Tgt Ion: 97 Resp: 3179

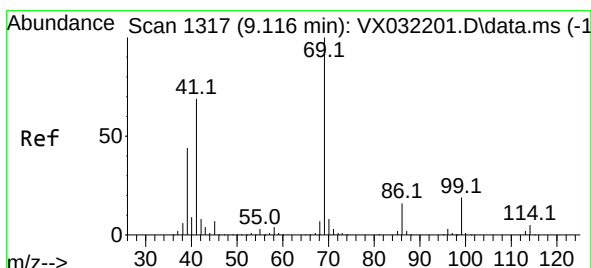
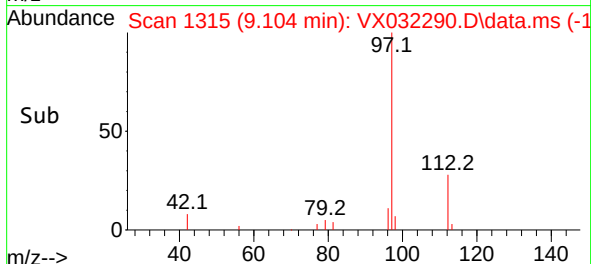
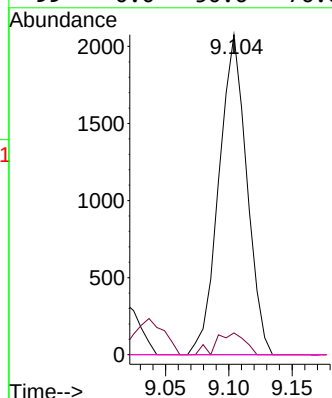
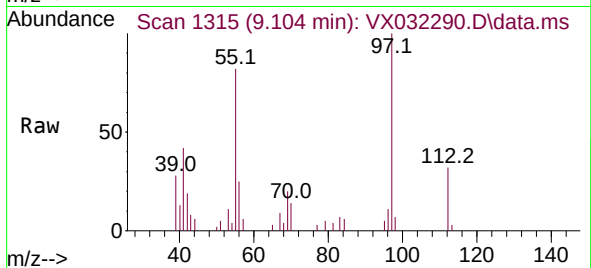
Ion Ratio Lower Upper

97 100

83 6.8 68.8 103.2#

85 0.0 44.7 67.1#

99 0.0 50.6 76.0#



#56

Ethyl methacrylate

Concen: 0.413 ug/l

RT: 9.098 min Scan# 1314

Delta R.T. -0.018 min

Lab File: VX032290.D

Acq: 21 Oct 2022 15:49

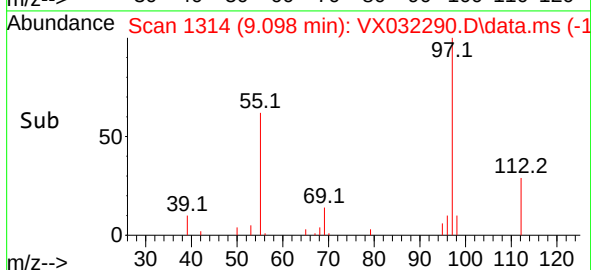
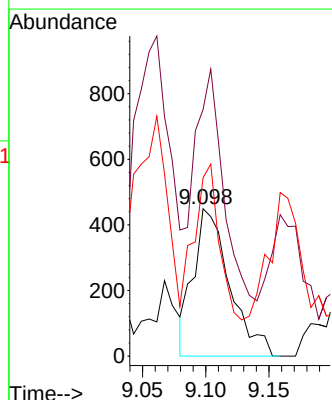
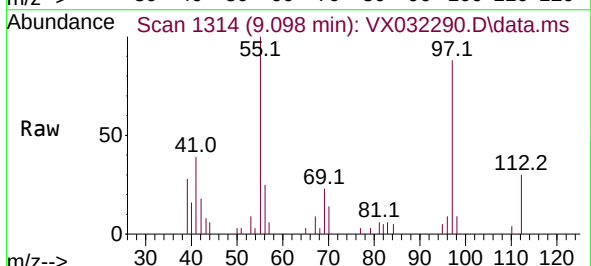
Tgt Ion: 69 Resp: 896

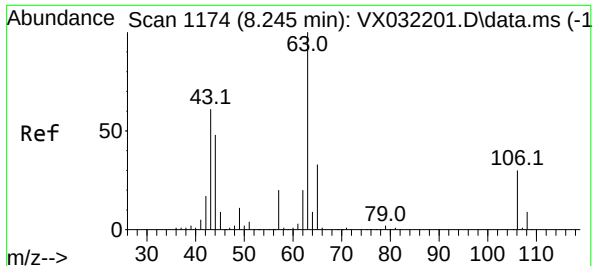
Ion Ratio Lower Upper

69 100

41 133.3 54.5 81.7#

39 71.9 35.7 53.5#

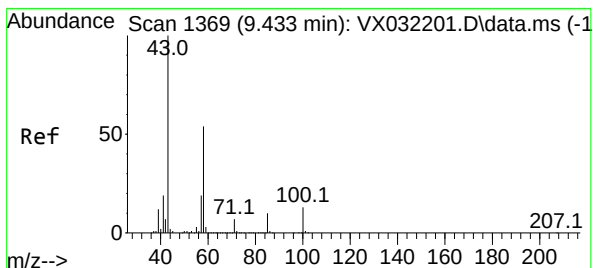
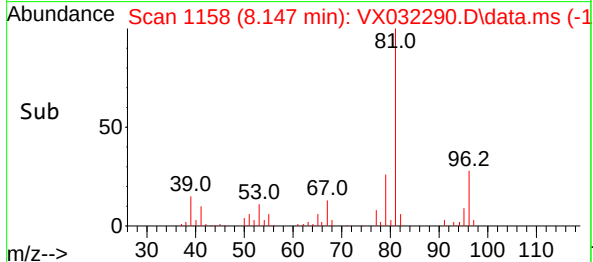
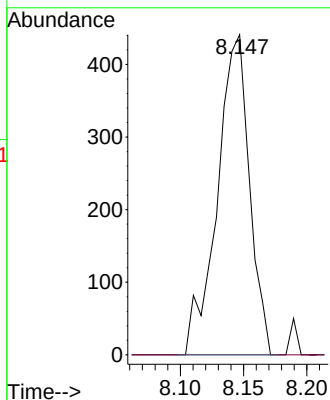
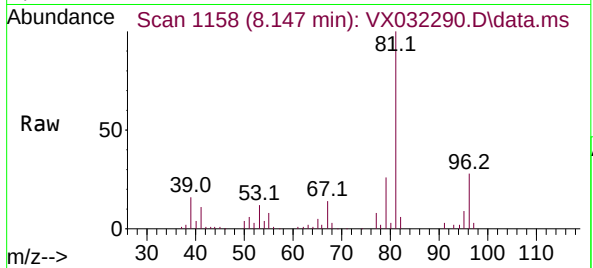




#58
2-Chloroethyl Vinyl ether
Concen: 0.785 ug/l
RT: 8.147 min Scan# 1158
Delta R.T. -0.098 min
Lab File: VX032290.D
Acq: 21 Oct 2022 15:49

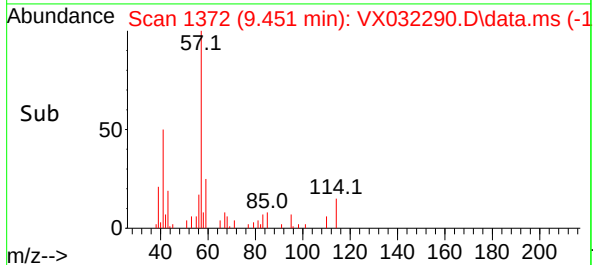
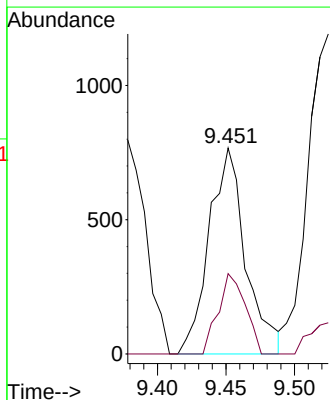
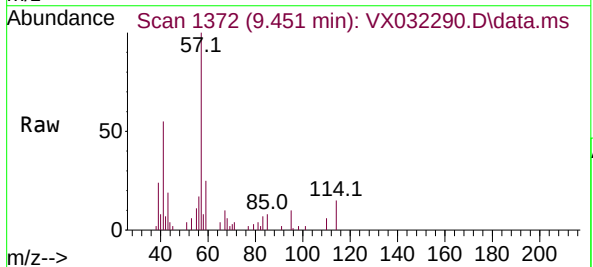
Instrument :
MSVOA_X
ClientSampleId :
RW-02

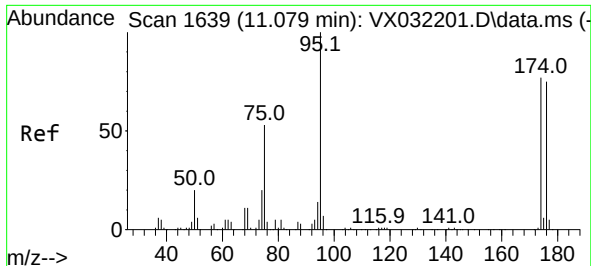
Tgt Ion: 63 Resp: 781
Ion Ratio Lower Upper
63 100
106 0.0 23.6 35.4#



#59
2-Hexanone
Concen: 1.001 ug/l
RT: 9.451 min Scan# 1372
Delta R.T. 0.018 min
Lab File: VX032290.D
Acq: 21 Oct 2022 15:49

Tgt Ion: 43 Resp: 1422
Ion Ratio Lower Upper
43 100
58 28.9 26.7 80.1





#62

4-Bromofluorobenzene

Concen: 46.304 ug/l

RT: 11.079 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX032290.D

Acq: 21 Oct 2022 15:49

Instrument :

MSVOA_X

ClientSampleId :

RW-02

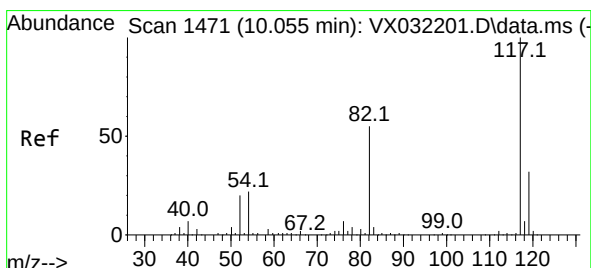
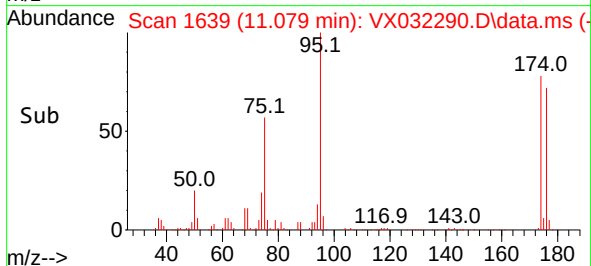
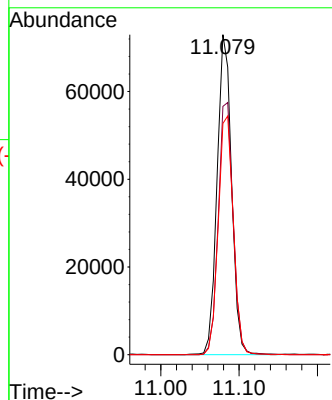
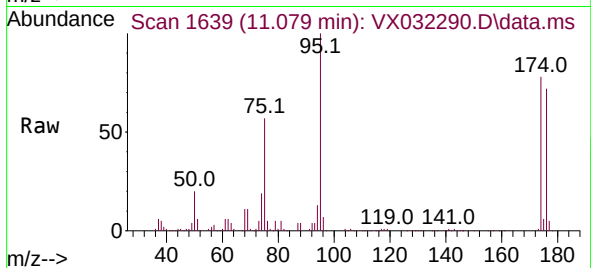
Tgt Ion: 95 Resp: 93812

Ion Ratio Lower Upper

95 100

174 80.9 0.0 166.8

176 77.5 0.0 161.4



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX032290.D

Acq: 21 Oct 2022 15:49

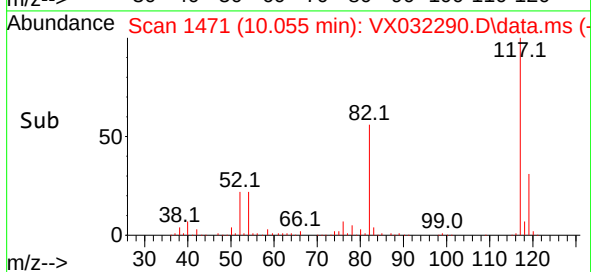
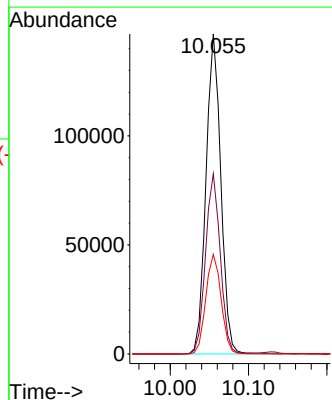
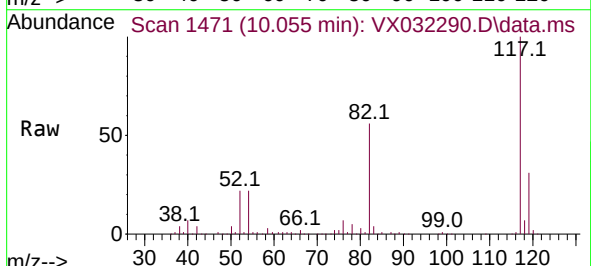
Tgt Ion: 117 Resp: 192440

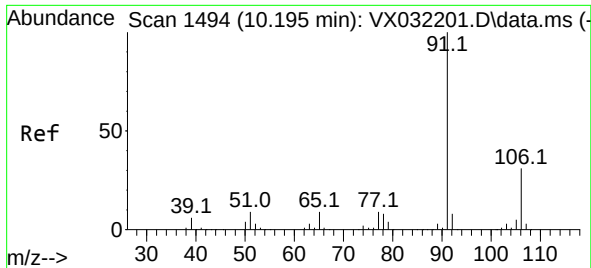
Ion Ratio Lower Upper

117 100

82 56.3 44.2 66.4

119 31.1 25.8 38.8

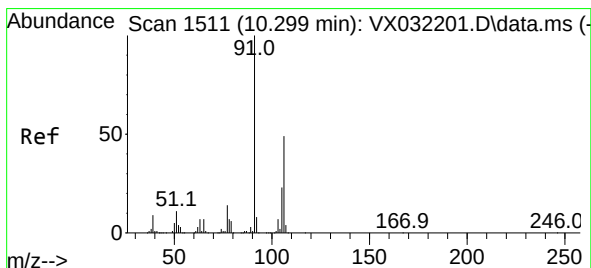
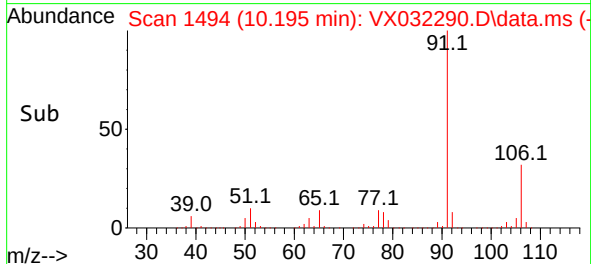
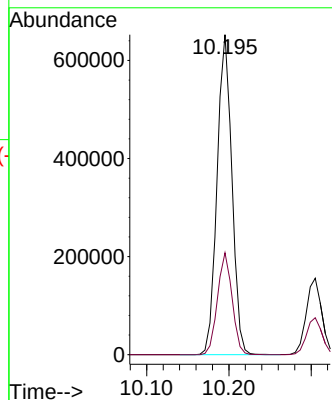
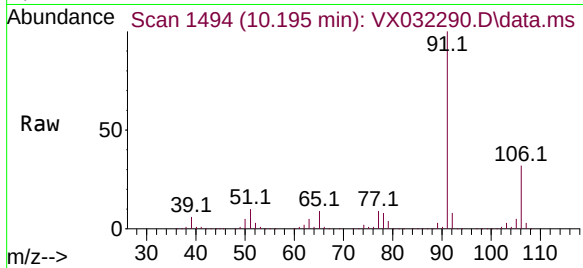




#67
Ethyl Benzene
Concen: 116.899 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX032290.D
Acq: 21 Oct 2022 15:49

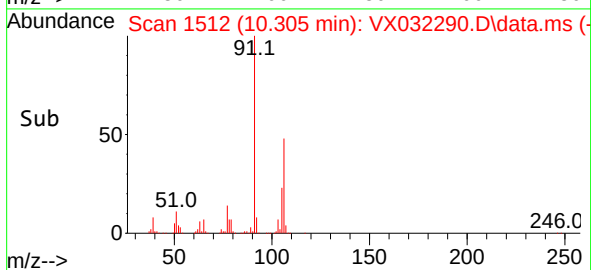
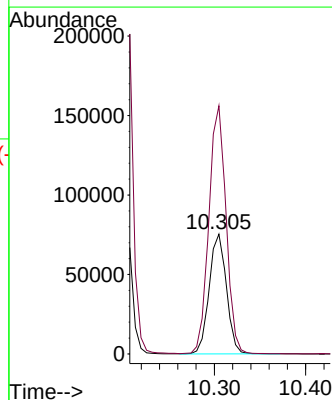
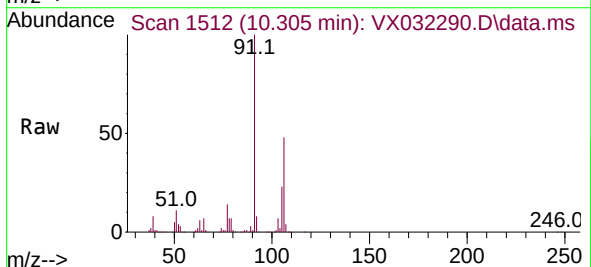
Instrument :
MSVOA_X
ClientSampleId :
RW-02

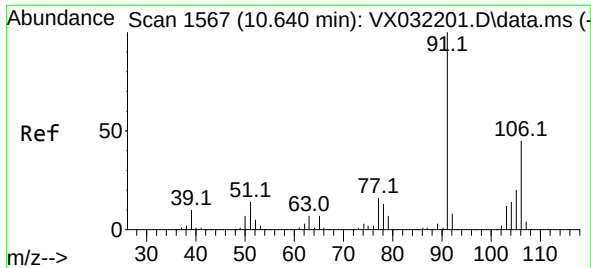
Tgt Ion: 91 Resp: 816591
Ion Ratio Lower Upper
91 100
106 31.8 25.0 37.4



#68
m/p-Xylenes
Concen: 35.753 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.006 min
Lab File: VX032290.D
Acq: 21 Oct 2022 15:49

Tgt Ion: 106 Resp: 98629
Ion Ratio Lower Upper
106 100
91 207.3 162.6 244.0

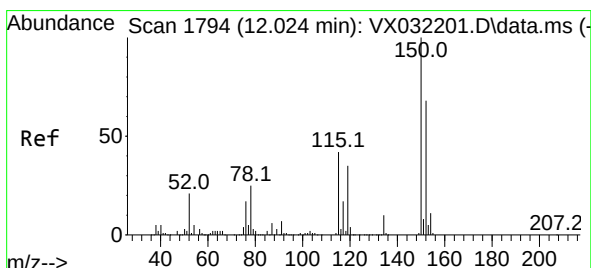
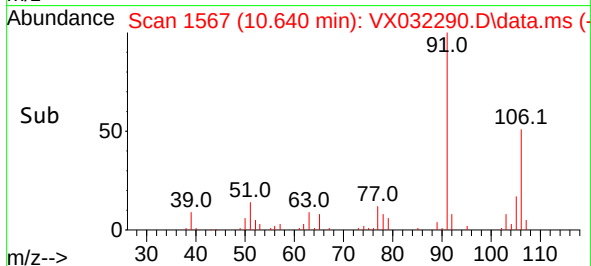
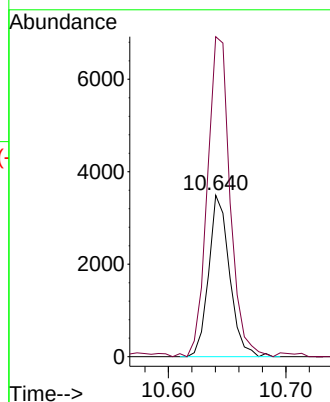
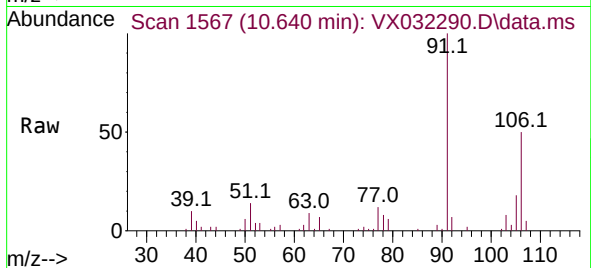




#69
o-Xylene
Concen: 1.627 ug/l
RT: 10.640 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX032290.D
Acq: 21 Oct 2022 15:49

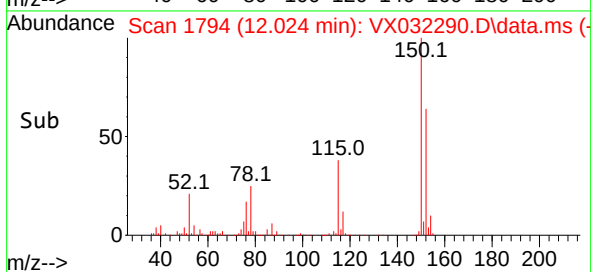
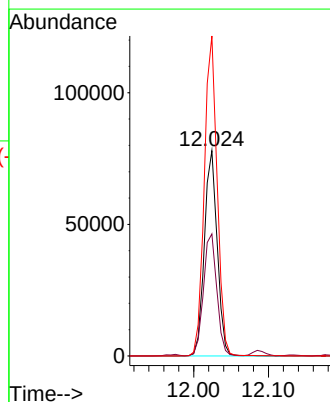
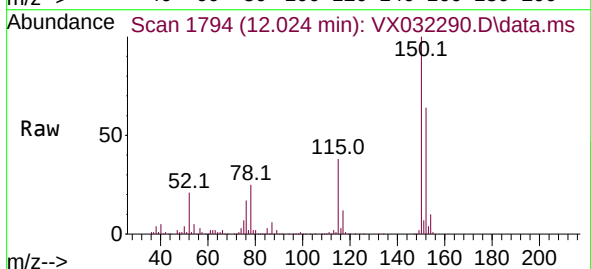
Instrument :
MSVOA_X
ClientSampleId :
RW-02

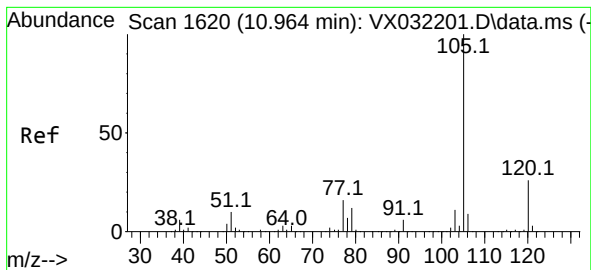
Tgt Ion:106 Resp: 4299
Ion Ratio Lower Upper
106 100
91 215.7 108.3 324.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX032290.D
Acq: 21 Oct 2022 15:49

Tgt Ion:152 Resp: 92950
Ion Ratio Lower Upper
152 100
115 61.7 43.1 129.4
150 156.4 0.0 348.6





#73

Isopropylbenzene

Concen: 22.032 ug/l

RT: 10.963 min Scan# 1

Delta R.T. -0.001 min

Lab File: VX032290.D

Acq: 21 Oct 2022 15:49

Instrument :

MSVOA_X

ClientSampleId :

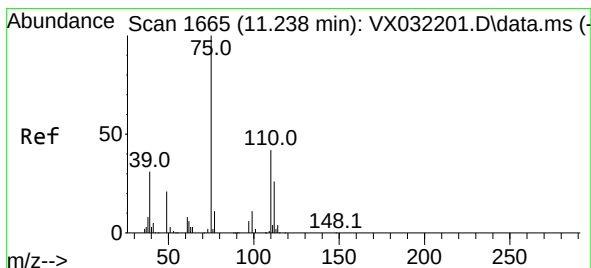
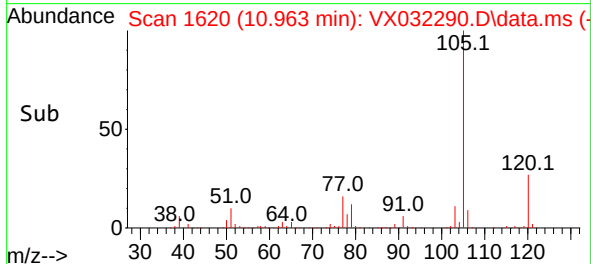
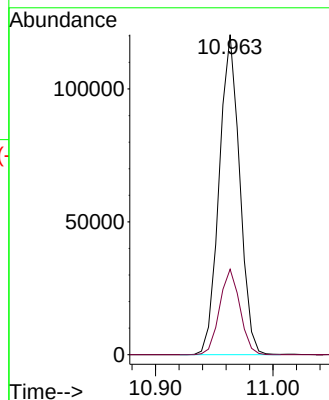
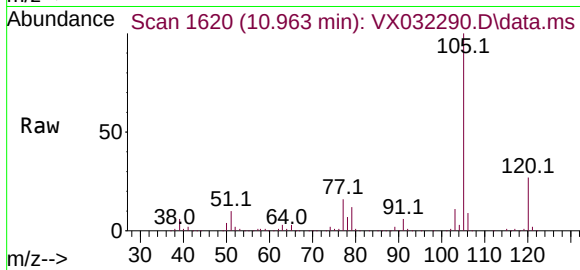
RW-02

Tgt Ion:105 Resp: 146127

Ion Ratio Lower Upper

105 100

120 26.3 13.2 39.6



#76

1,2,3-Trichloropropane

Concen: 1.290 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. 0.067 min

Lab File: VX032290.D

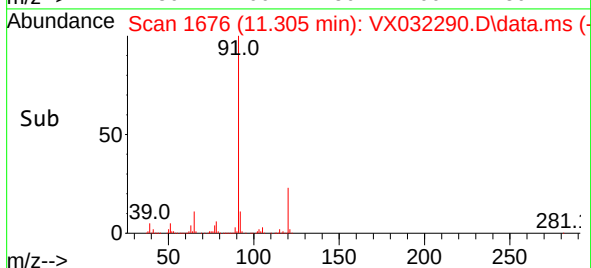
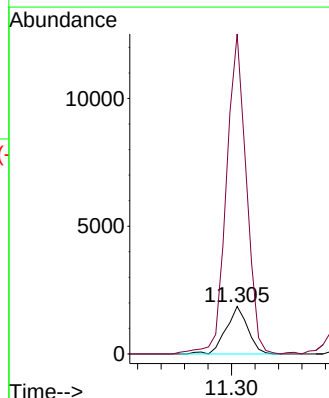
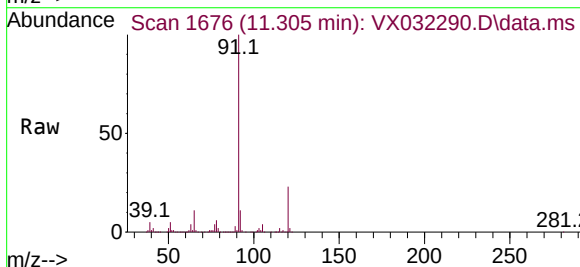
Acq: 21 Oct 2022 15:49

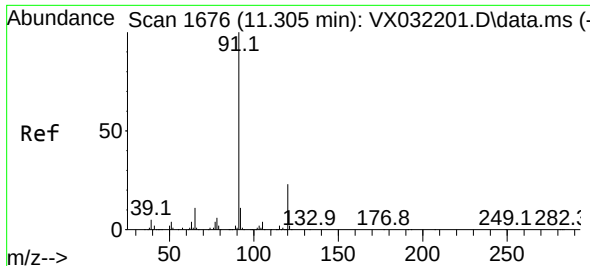
Tgt Ion: 75 Resp: 2376

Ion Ratio Lower Upper

75 100

77 621.3 16.0 47.9#

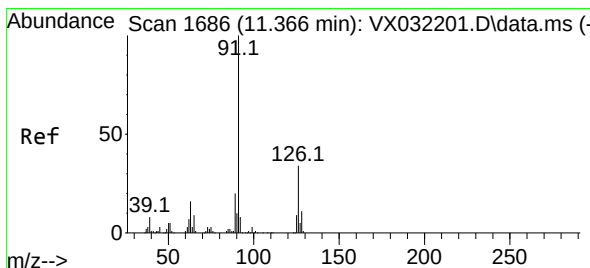
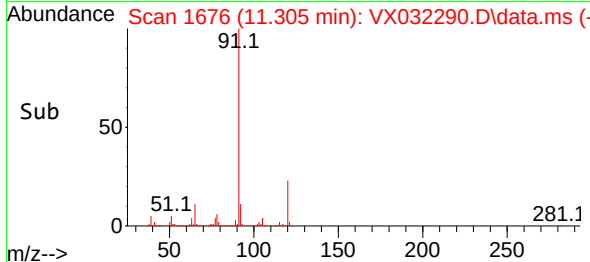
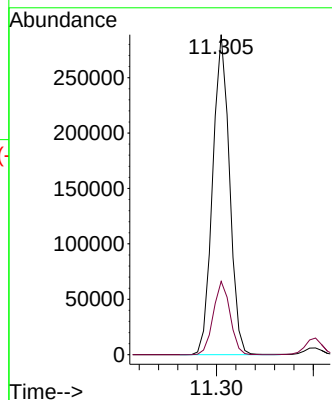
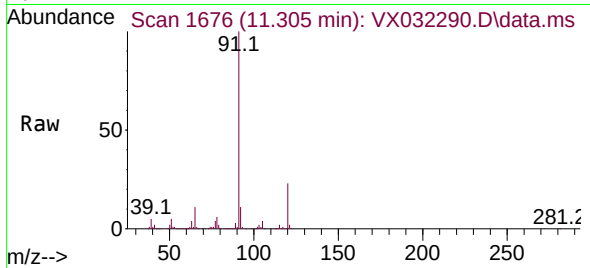




#78
n-propylbenzene
Concen: 45.848 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX032290.D
Acq: 21 Oct 2022 15:49

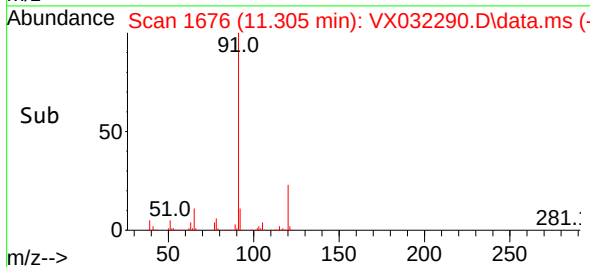
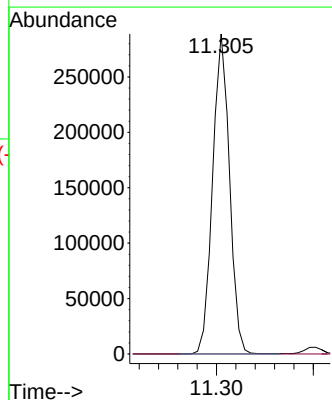
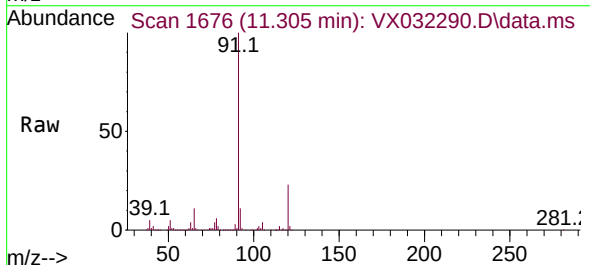
Instrument :
MSVOA_X
ClientSampleId :
RW-02

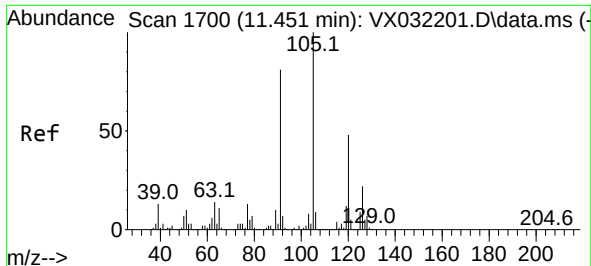
Tgt Ion: 91 Resp: 348189
Ion Ratio Lower Upper
91 100
120 22.8 11.6 34.8



#79
2-Chlorotoluene
Concen: 76.073 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.061 min
Lab File: VX032290.D
Acq: 21 Oct 2022 15:49

Tgt Ion: 91 Resp: 348189
Ion Ratio Lower Upper
91 100
126 0.0 17.3 51.9#

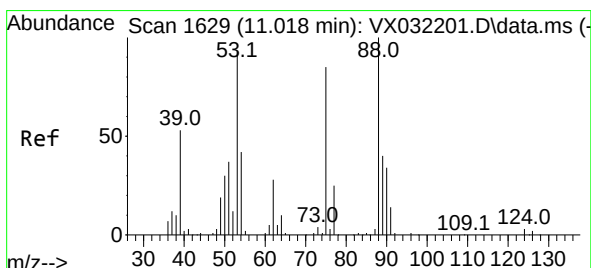
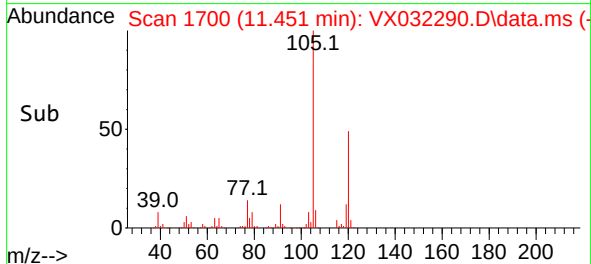
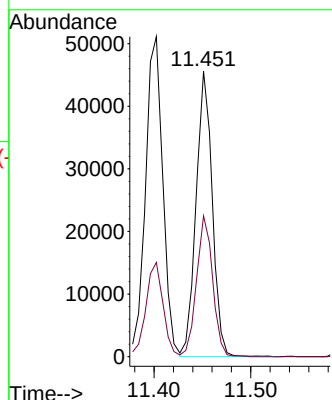
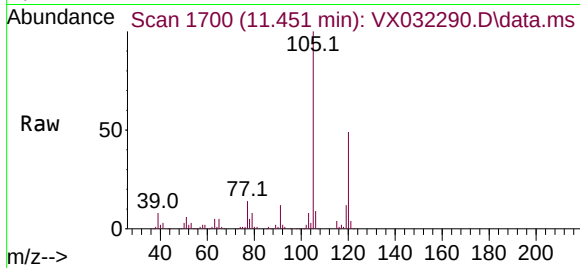




#80
1,3,5-Trimethylbenzene
Concen: 9.260 ug/l
RT: 11.451 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX032290.D
Acq: 21 Oct 2022 15:49

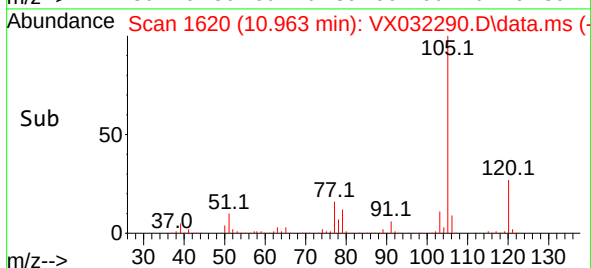
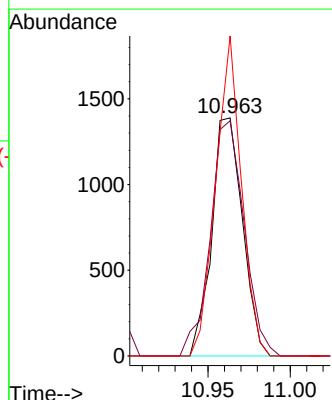
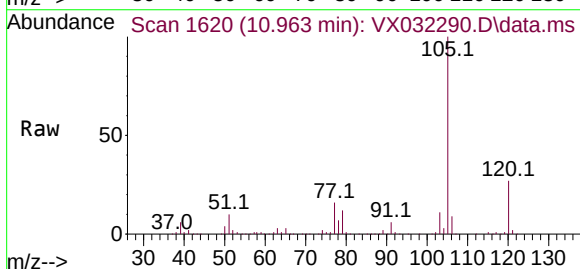
Instrument :
MSVOA_X
ClientSampleId :
RW-02

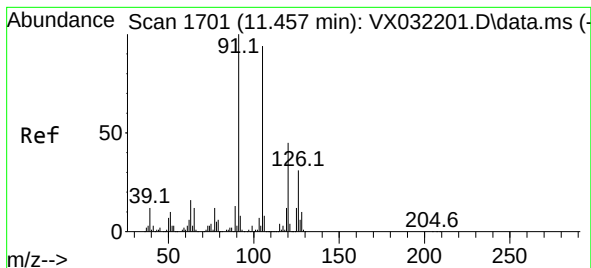
Tgt Ion:105 Resp: 53051
Ion Ratio Lower Upper
105 100
120 49.0 23.5 70.6



#81
trans-1,4-Dichloro-2-butene
Concen: 5.689 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. -0.055 min
Lab File: VX032290.D
Acq: 21 Oct 2022 15:49

Tgt Ion: 75 Resp: 1807
Ion Ratio Lower Upper
75 100
53 108.7 87.8 131.8
89 112.5 37.8 56.8#

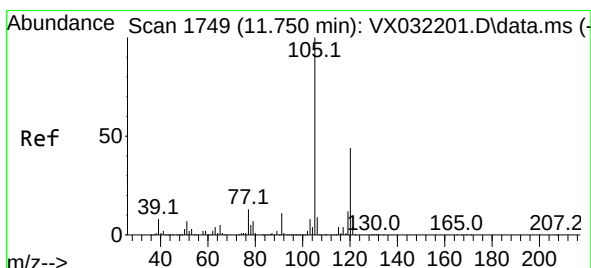
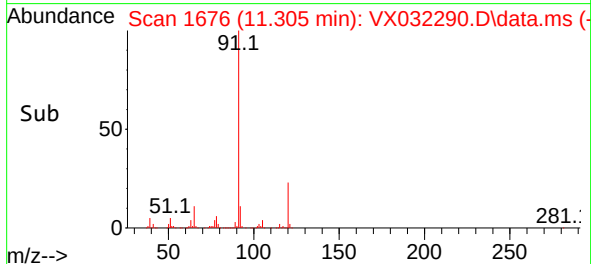
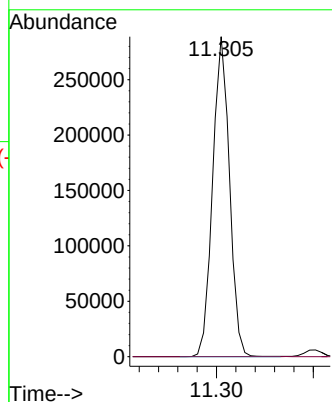
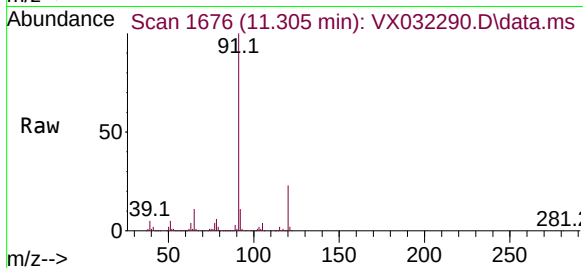




#82
4-Chlorotoluene
Concen: 65.340 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.152 min
Lab File: VX032290.D
Acq: 21 Oct 2022 15:49

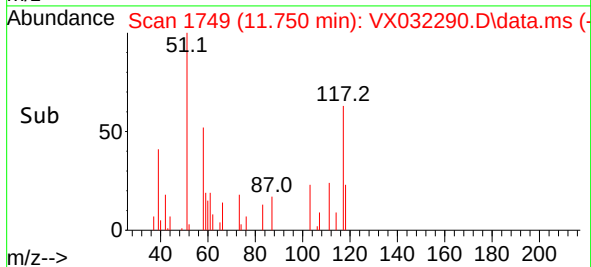
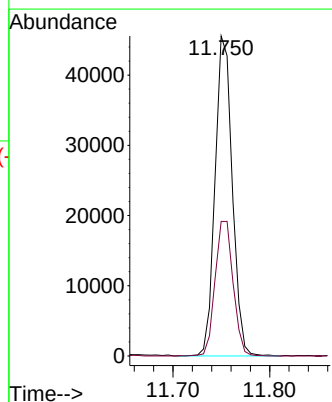
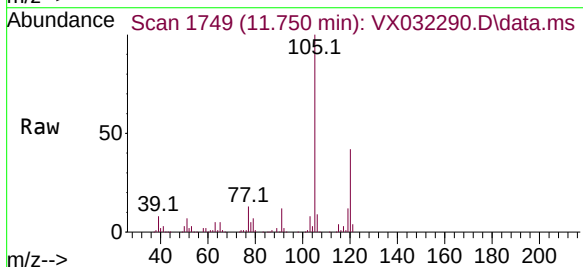
Instrument :
MSVOA_X
ClientSampleId :
RW-02

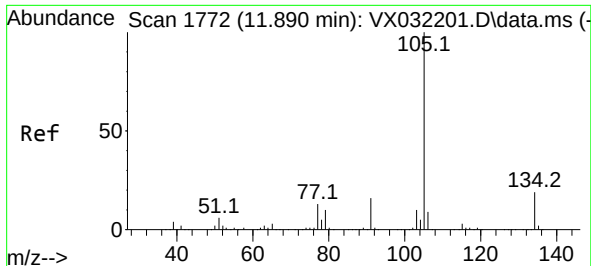
Tgt Ion: 91 Resp: 348189
Ion Ratio Lower Upper
91 100
126 0.0 14.9 44.5#



#84
1,2,4-Trimethylbenzene
Concen: 10.115 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX032290.D
Acq: 21 Oct 2022 15:49

Tgt Ion: 105 Resp: 56338
Ion Ratio Lower Upper
105 100
120 44.2 22.1 66.1

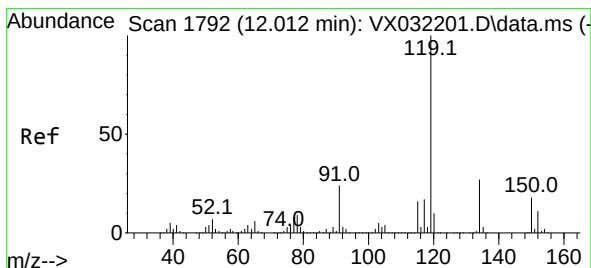
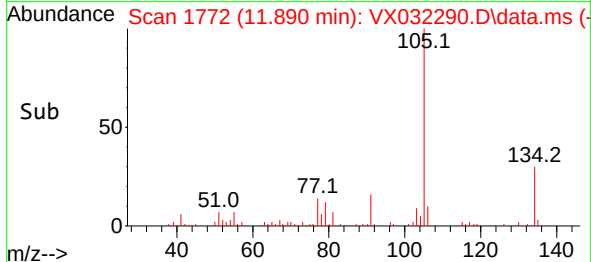
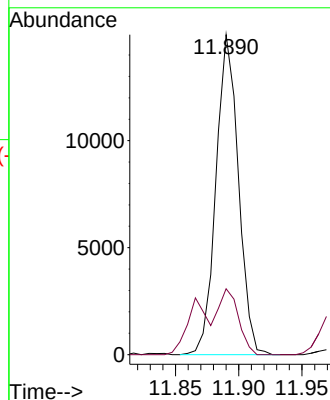
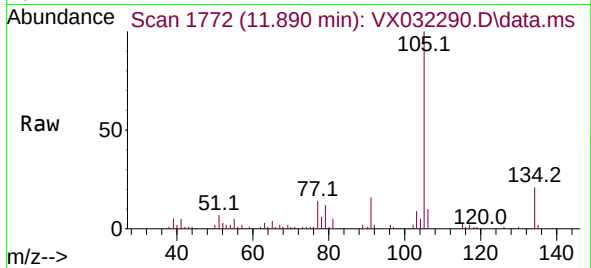




#85
 sec-Butylbenzene
 Concen: 2.656 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX032290.D
 Acq: 21 Oct 2022 15:49

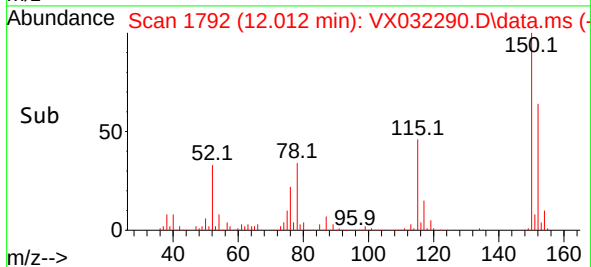
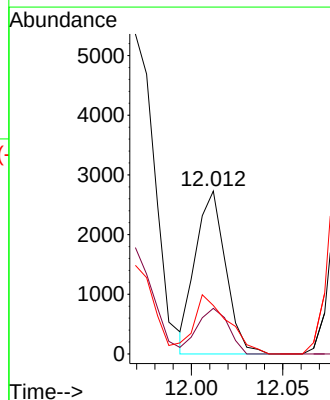
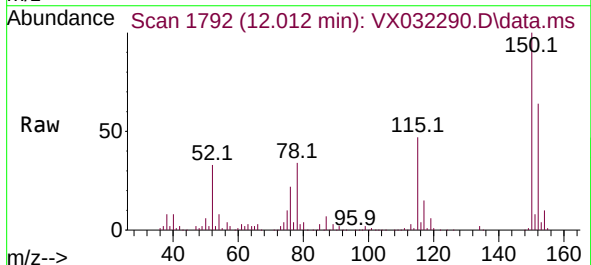
Instrument :
 MSVOA_X
 ClientSampleId :
 RW-02

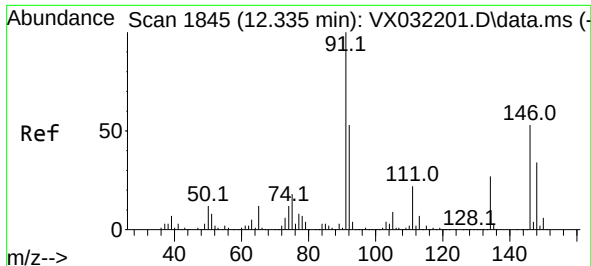
Tgt Ion:105 Resp: 18400
 Ion Ratio Lower Upper
 105 100
 134 18.6 10.1 30.3



#86
 p-Isopropyltoluene
 Concen: 0.534 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. -0.000 min
 Lab File: VX032290.D
 Acq: 21 Oct 2022 15:49

Tgt Ion:119 Resp: 3146
 Ion Ratio Lower Upper
 119 100
 134 28.9 13.2 39.5
 91 0.0 12.4 37.2#





#89

n-Butylbenzene

Concen: 4.054 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX032290.D

Acq: 21 Oct 2022 15:49

Instrument :

MSVOA_X

ClientSampleId :

RW-02

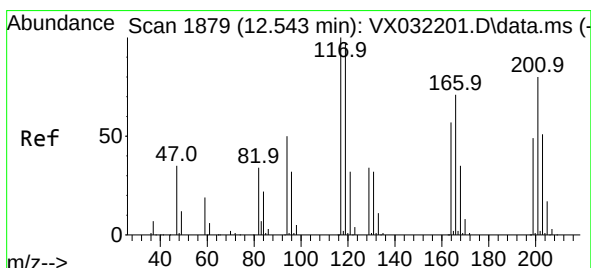
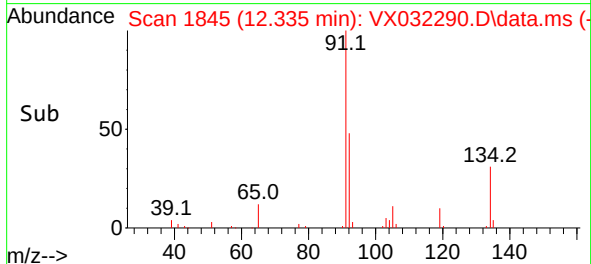
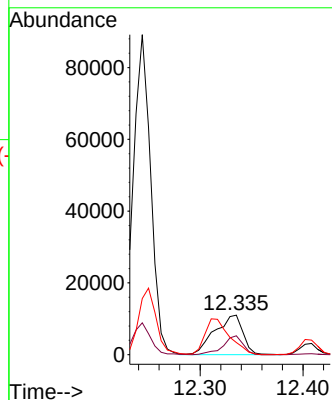
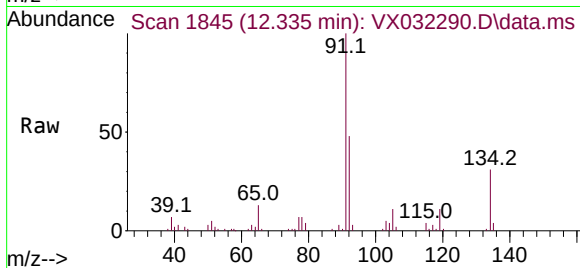
Tgt Ion: 91 Resp: 21045

Ion Ratio Lower Upper

91 100

92 33.7 26.3 78.9

134 0.0 13.0 39.0#



#90

Hexachloroethane

Concen: 22.498 ug/l

RT: 12.646 min Scan# 1896

Delta R.T. 0.103 min

Lab File: VX032290.D

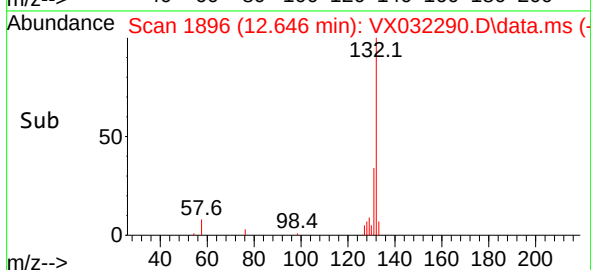
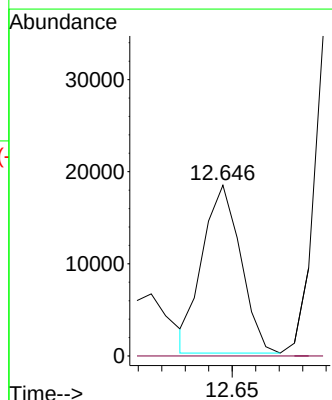
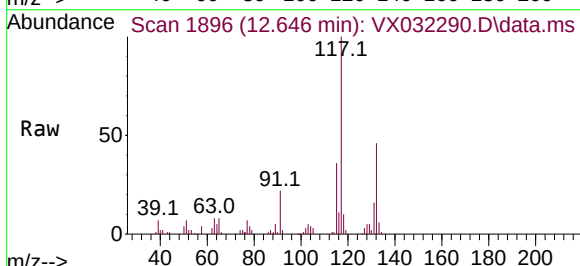
Acq: 21 Oct 2022 15:49

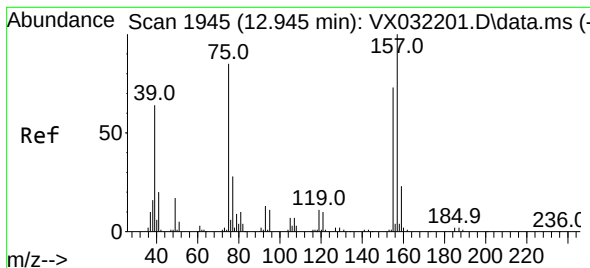
Tgt Ion: 117 Resp: 20577

Ion Ratio Lower Upper

117 100

201 0.0 38.5 115.3#

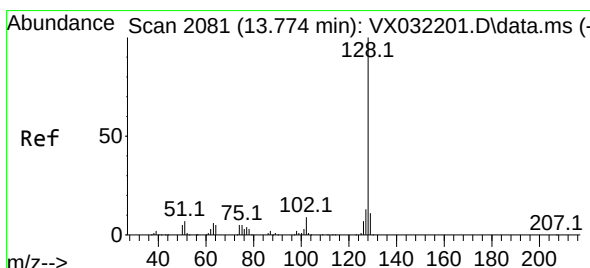
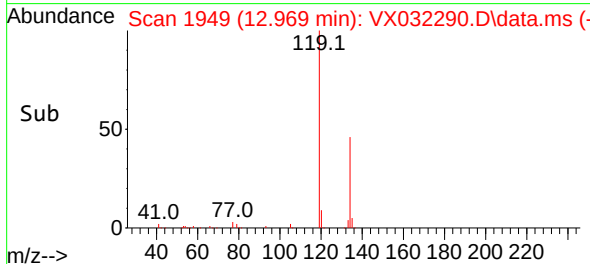
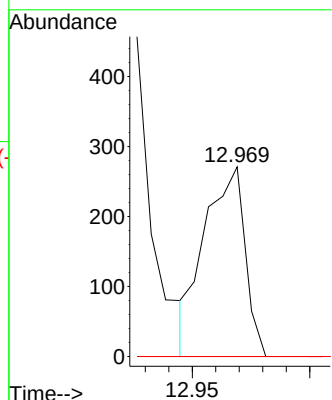
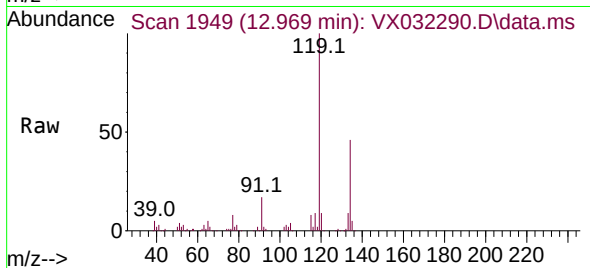




#92
1,2-Dibromo-3-Chloropropane
Concen: 0.795 ug/l
RT: 12.969 min Scan# 1945
Delta R.T. 0.024 min
Lab File: VX032290.D
Acq: 21 Oct 2022 15:49

Instrument :
MSVOA_X
ClientSampleId :
RW-02

Tgt Ion: 75 Resp: 324
Ion Ratio Lower Upper
75 100
155 0.0 43.1 129.3#
157 0.0 57.1 171.5#



#95
Naphthalene
Concen: 39.345 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX032290.D
Acq: 21 Oct 2022 15:49

Tgt Ion: 128 Resp: 251993
Ion Ratio Lower Upper
128 100
127 12.8 10.3 15.5
129 10.9 8.7 13.1

