

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW022223\
 Data File : VW025352.D
 Acq On : 22 Feb 2023 11:21
 Operator : SY/MD
 Sample : VSTDICV025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VICV430

Quant Time: Feb 22 21:22:11 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM022223SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Feb 22 21:15:09 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	389046	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	310136	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	173024	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	75378	22.886	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	91.560%
7) Chloroethane-d5	2.899	69	56438	23.242	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.960%
11) 1,1-Dichloroethene-d2	4.027	63	194935	22.802	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	91.200%
21) 2-Butanone-d5	7.075	46	32906	44.042	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	88.080%
24) Chloroform-d	7.648	84	179127	24.002	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	96.000%
26) 1,2-Dichloroethane-d4	8.307	65	91579	23.655	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	94.600%
32) Benzene-d6	8.276	84	353187	26.872	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	107.480%
36) 1,2-Dichloropropane-d6	9.276	67	96189	26.080	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	104.320%
41) Toluene-d8	10.325	98	330479	26.972	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	107.880%
43) trans-1,3-Dichloroprop...	10.575	79	44635	26.564	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	106.240%
47) 2-Hexanone-d5	10.922	63	28075	52.184	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	104.360%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	70194	25.423	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	101.680%
66) 1,2-Dichlorobenzene-d4	13.848	152	100942	22.970	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	91.880%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.021	85	98975	20.265	ug/L	92
3) Chloromethane	2.222	50	101421	23.136	ug/L	96
5) Vinyl chloride	2.375	62	117731	23.068	ug/L	98
6) Bromomethane	2.789	94	75404	23.269	ug/L	98
8) Chloroethane	2.936	64	68437	22.916	ug/L	95
9) Trichlorofluoromethane	3.271	101	127108	20.525	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	119284	22.675	ug/L #	76
12) 1,1-Dichloroethene	4.045	96	114246	22.790	ug/L	96
13) Acetone	4.124	43	48745	39.383	ug/L	98
14) Carbon disulfide	4.393	76	381141	23.310	ug/L	100
15) Methyl Acetate	4.673	43	42742	21.434	ug/L	100
16) Methylene chloride	4.917	84	121732	22.128	ug/L	97
17) trans-1,2-Dichloroethene	5.429	96	120749	22.977	ug/L	93
18) Methyl tert-butyl Ether	5.429	73	171514	23.108	ug/L	99
19) 1,1-Dichloroethane	6.222	63	219209	23.213	ug/L	97
20) cis-1,2-Dichloroethene	7.173	96	130449	23.624	ug/L	94
22) 2-Butanone	7.167	43	58004	40.401	ug/L	100
23) Bromochloromethane	7.514	128	54114	22.966	ug/L	95
25) Chloroform	7.673	83	228174	23.480	ug/L	96

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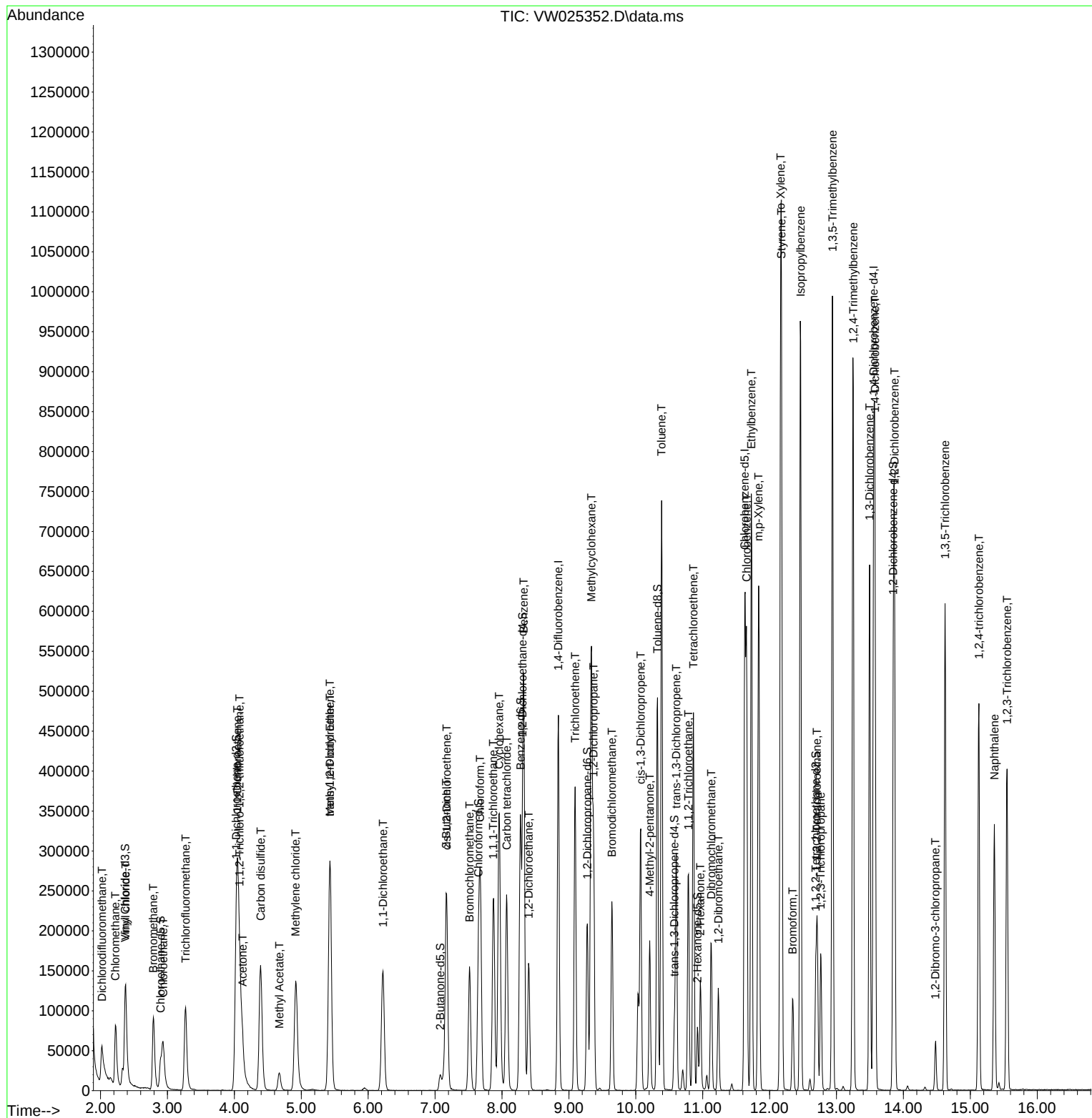
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	151255	23.075	ug/L	99
29) Cyclohexane	7.959	56	204803	26.233	ug/L	98
30) 1,1,1-Trichloroethane	7.868	97	202180	25.166	ug/L	99
31) Carbon tetrachloride	8.069	117	189644	25.080	ug/L	100
33) Benzene	8.325	78	495557	26.133	ug/L	100
34) Trichloroethene	9.093	95	136408	25.758	ug/L	96
35) Methylcyclohexane	9.337	83	238648	25.715	ug/L	99
37) 1,2-Dichloropropane	9.367	63	118817	25.902	ug/L	99
38) Bromodichloromethane	9.642	83	159385	25.616	ug/L	100
39) cis-1,3-Dichloropropene	10.075	75	195131	26.001	ug/L	96
40) 4-Methyl-2-pentanone	10.209	43	114023	48.862	ug/L	99
42) Toluene	10.386	91	538174	26.361	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	163752	25.956	ug/L	98
45) 1,1,2-Trichloroethane	10.788	97	85561	25.008	ug/L	98
46) Tetrachloroethene	10.861	164	100203	25.056	ug/L	99
48) 2-Hexanone	10.965	43	83087	47.704	ug/L	99
49) Dibromochloromethane	11.129	129	100366	25.396	ug/L	97
50) 1,2-Dibromoethane	11.233	107	83257	25.384	ug/L	98
51) Chlorobenzene	11.654	112	280601	21.402	ug/L	99
52) Ethylbenzene	11.727	91	518922	21.935	ug/L	100
53) m,p-Xylene	11.836	106	201105	22.373	ug/L	98
54) o-Xylene	12.166	106	200406	24.117	ug/L	98
55) Styrene	12.178	104	344603	24.384	ug/L	95
57) 1,1,2,2-Tetrachloroethane	12.708	83	95785	24.523	ug/L	100
59) Bromoform	12.342	173	53756	20.753	ug/L	97
60) Isopropylbenzene	12.464	105	625841	22.115	ug/L	100
61) 1,2,3-Trichloropropane	12.763	75	70964	20.701	ug/L	100
62) 1,3,5-Trimethylbenzene	12.940	105	528141	23.238	ug/L	100
63) 1,2,4-Trimethylbenzene	13.251	105	507473	23.588	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	255976	23.132	ug/L	96
65) 1,4-Dichlorobenzene	13.574	146	262845	23.693	ug/L	96
67) 1,2-Dichlorobenzene	13.867	146	228514	22.519	ug/L	100
68) 1,2-Dibromo-3-chloropr...	14.476	75	16782	21.187	ug/L	92
69) 1,3,5-Trichlorobenzene	14.623	180	173537	22.911	ug/L	97
70) 1,2,4-trichlorobenzene	15.129	180	146302	22.260	ug/L	99
71) Naphthalene	15.360	128	279402	22.109	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	127951	22.923	ug/L	97

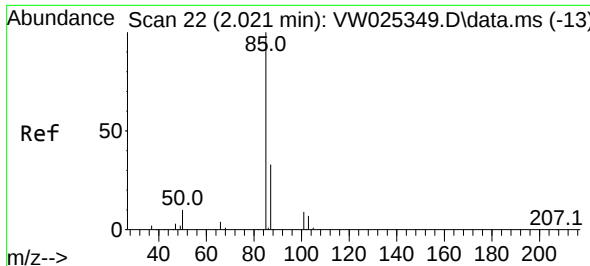
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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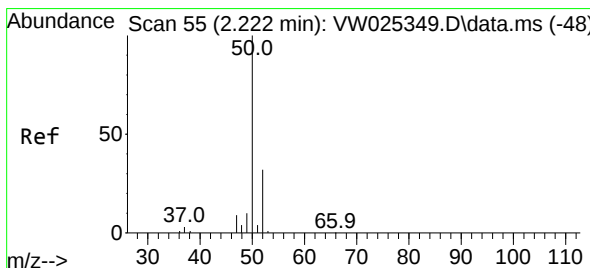
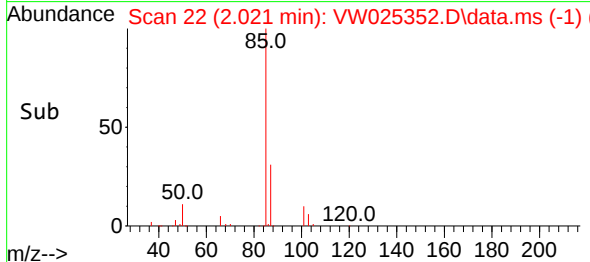
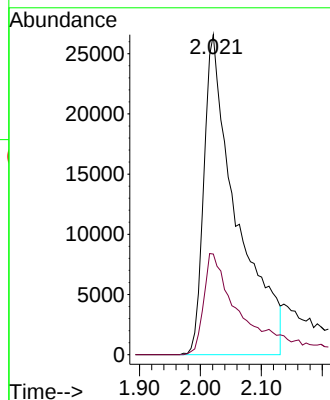
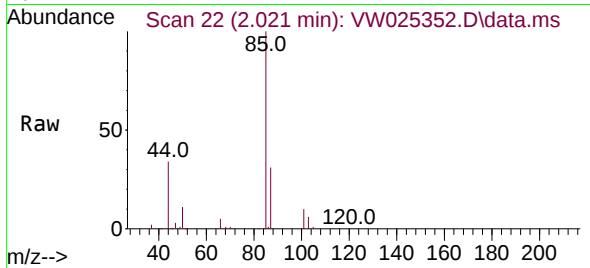




#2
 Dichlorodifluoromethane
 Concen: 20.265 ug/L
 RT: 2.021 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VW025352.D
 Acq: 22 Feb 2023 11:21

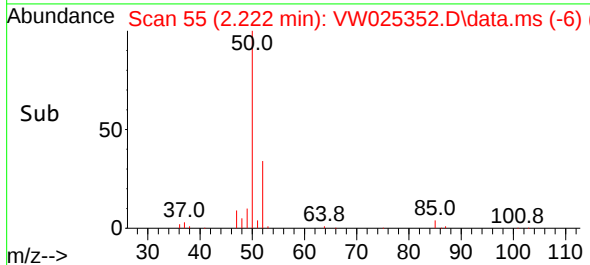
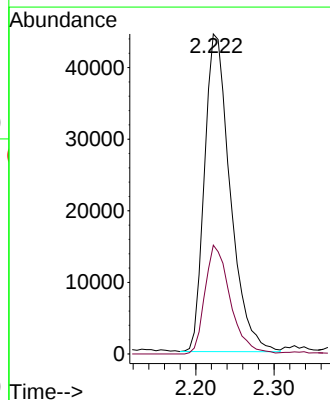
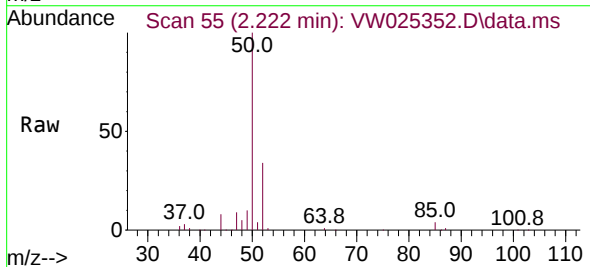
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 ClientSampleId :
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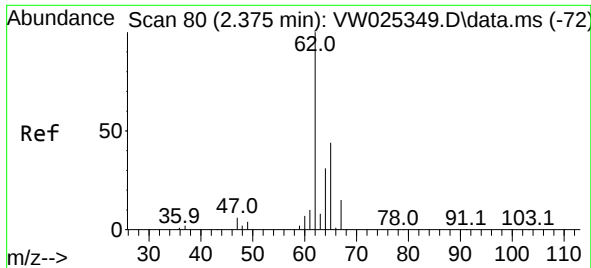
Tgt Ion: 85 Resp: 98975
 Ion Ratio Lower Upper
 85 100
 87 29.5 20.6 30.8



#3
 Chloromethane
 Concen: 23.136 ug/L
 RT: 2.222 min Scan# 55
 Delta R.T. 0.000 min
 Lab File: VW025352.D
 Acq: 22 Feb 2023 11:21

Tgt Ion: 50 Resp: 101421
 Ion Ratio Lower Upper
 50 100
 52 34.0 22.3 41.3

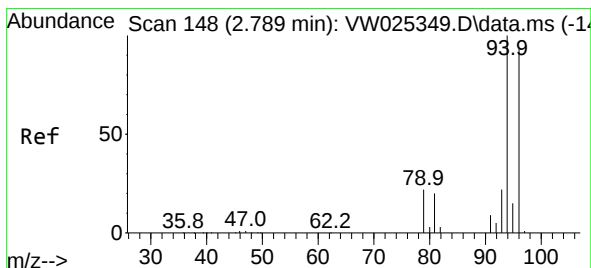
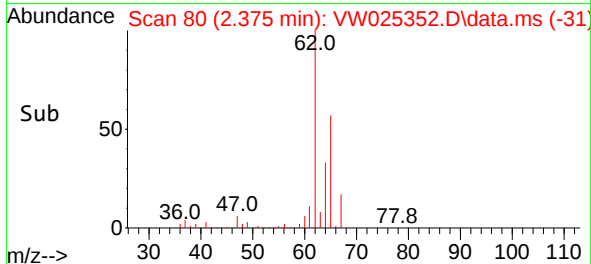
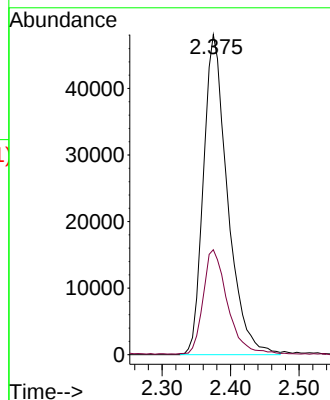
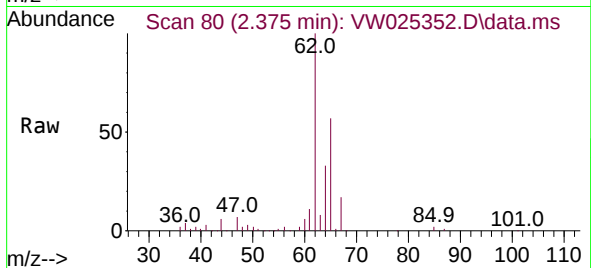




#5
 Vinyl chloride
 Concen: 23.068 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. 0.000 min
 Lab File: VW025352.D
 Acq: 22 Feb 2023 11:21

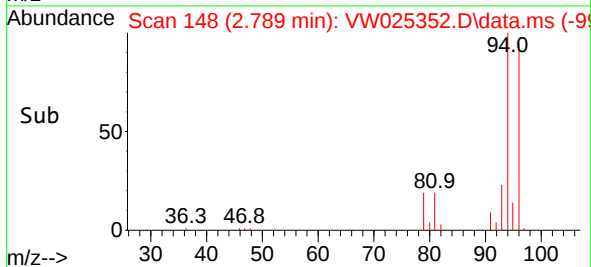
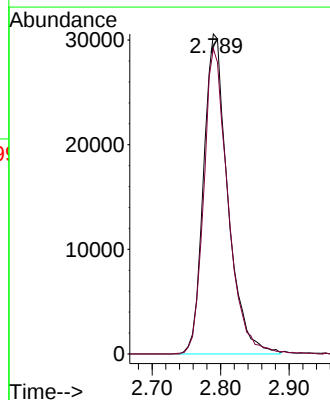
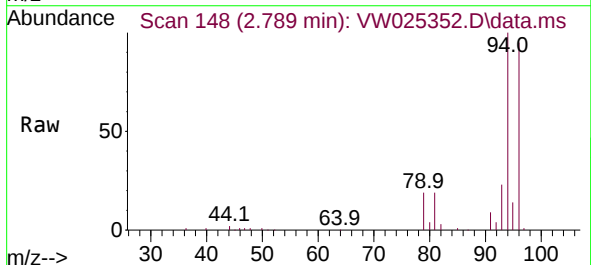
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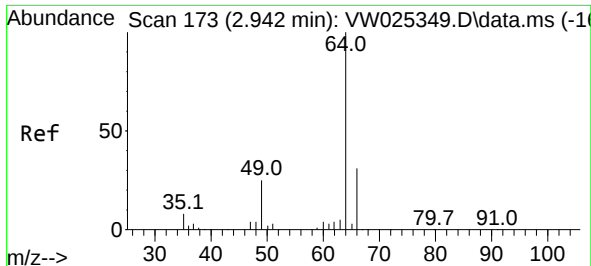
Tgt Ion: 62 Resp: 117731
 Ion Ratio Lower Upper
 62 100
 64 32.8 22.2 41.2



#6
 Bromomethane
 Concen: 23.269 ug/L
 RT: 2.789 min Scan# 148
 Delta R.T. 0.000 min
 Lab File: VW025352.D
 Acq: 22 Feb 2023 11:21

Tgt Ion: 94 Resp: 75404
 Ion Ratio Lower Upper
 94 100
 96 95.4 65.2 121.0

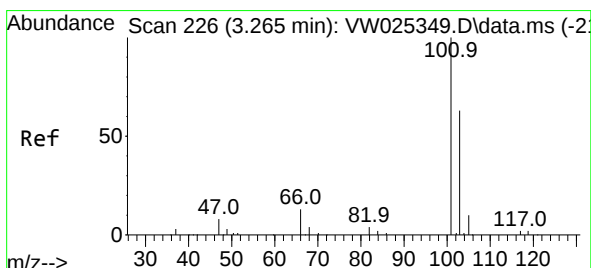
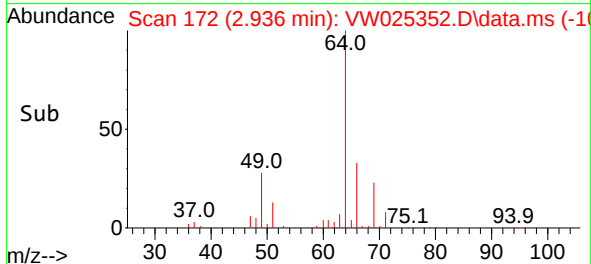
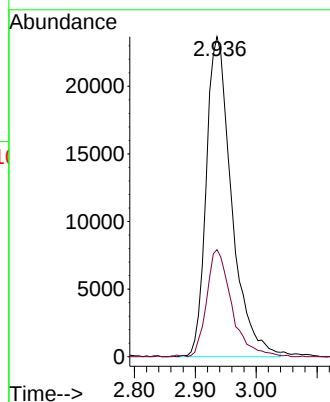
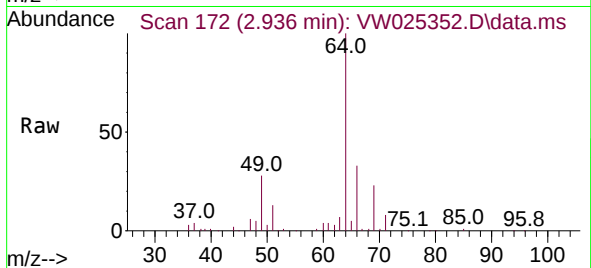




#8
Chloroethane
Concen: 22.916 ug/L
RT: 2.936 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW025352.D
Acq: 22 Feb 2023 11:21

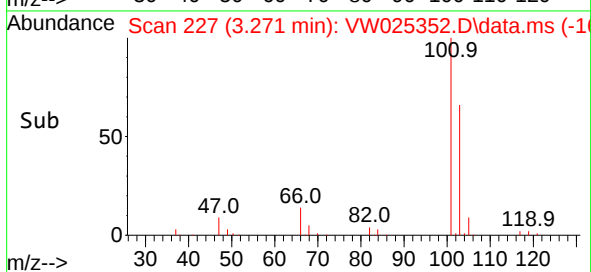
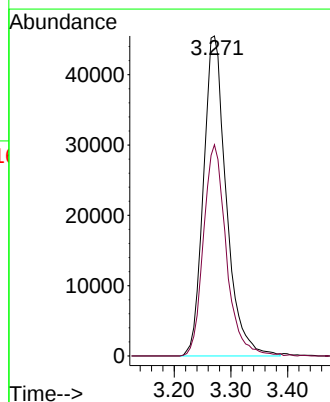
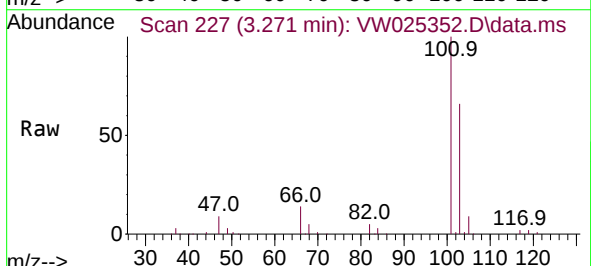
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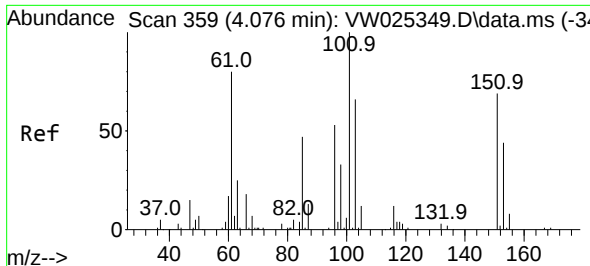
Tgt Ion: 64 Resp: 68437
Ion Ratio Lower Upper
64 100
66 33.4 21.6 40.0



#9
Trichlorofluoromethane
Concen: 20.525 ug/L
RT: 3.271 min Scan# 227
Delta R.T. 0.006 min
Lab File: VW025352.D
Acq: 22 Feb 2023 11:21

Tgt Ion:101 Resp: 127108
Ion Ratio Lower Upper
101 100
103 65.9 51.4 77.0

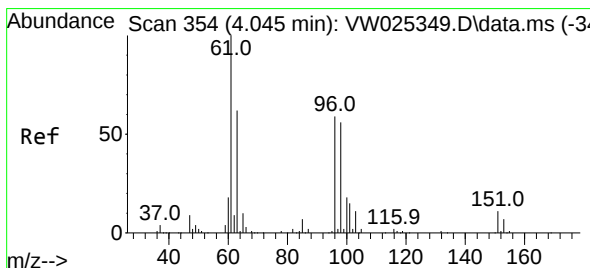
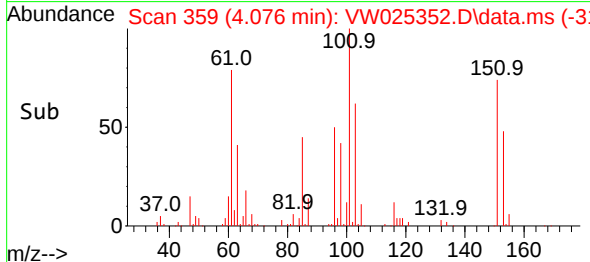
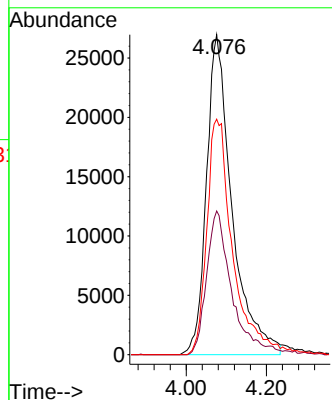
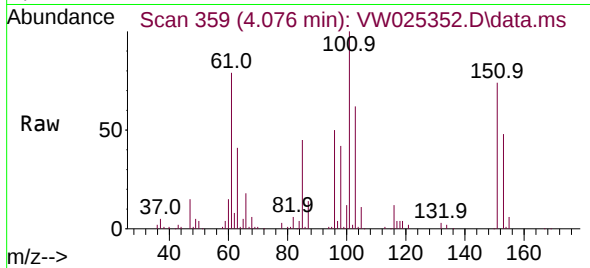




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 22.675 ug/L
 RT: 4.076 min Scan# 359
 Delta R.T. 0.000 min
 Lab File: VW025352.D
 Acq: 22 Feb 2023 11:21

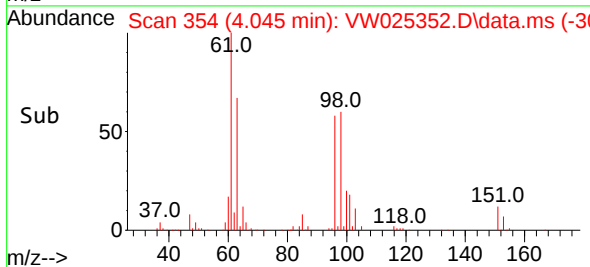
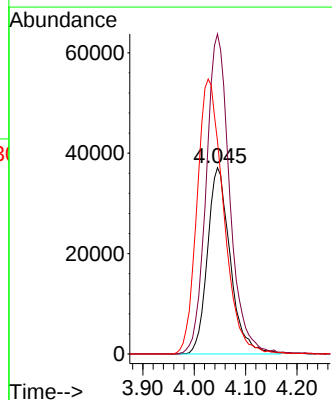
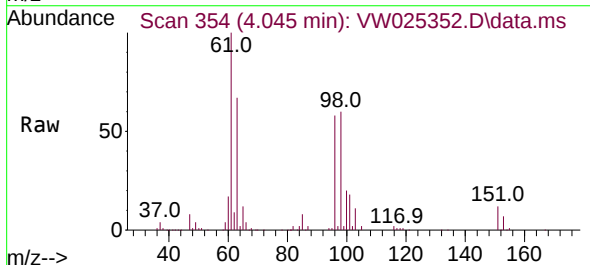
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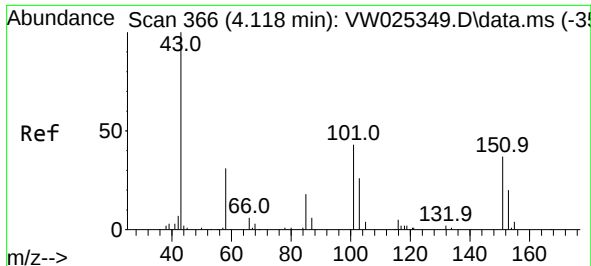
Tgt Ion:101 Resp: 119284
 Ion Ratio Lower Upper
 101 100
 85 41.5 36.3 54.5
 151 36.5 52.2 78.4#



#12
 1,1-Dichloroethene
 Concen: 22.790 ug/L
 RT: 4.045 min Scan# 354
 Delta R.T. 0.000 min
 Lab File: VW025352.D
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Tgt Ion: 96 Resp: 114246
 Ion Ratio Lower Upper
 96 100
 61 171.8 119.3 221.5
 63 114.4 74.5 138.5

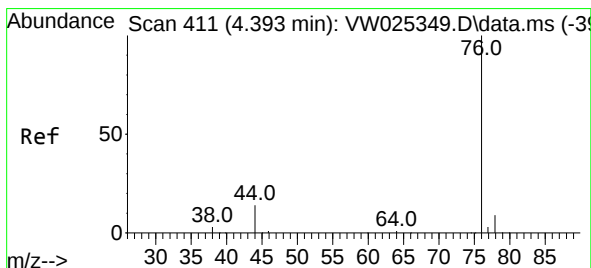
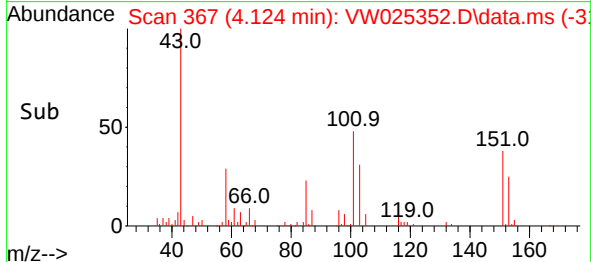
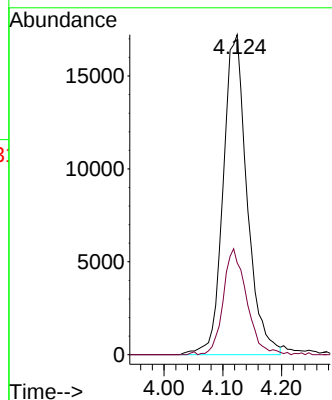
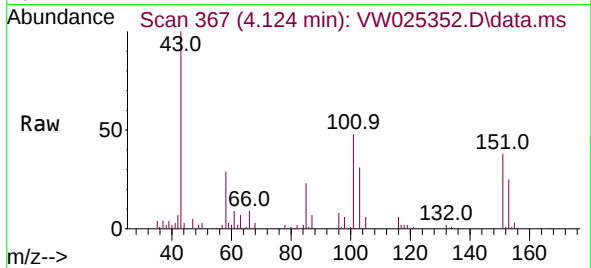




#13
Acetone
Concen: 39.383 ug/L
RT: 4.124 min Scan# 367
Delta R.T. 0.006 min
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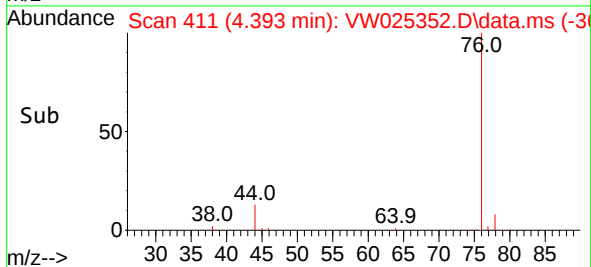
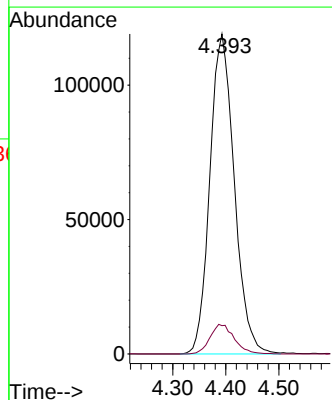
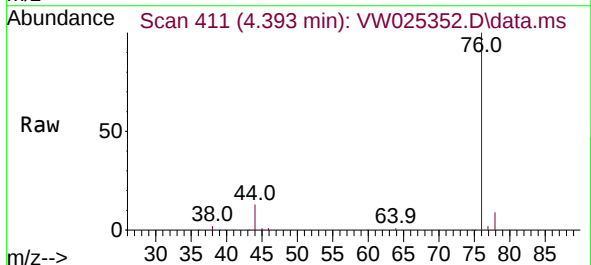
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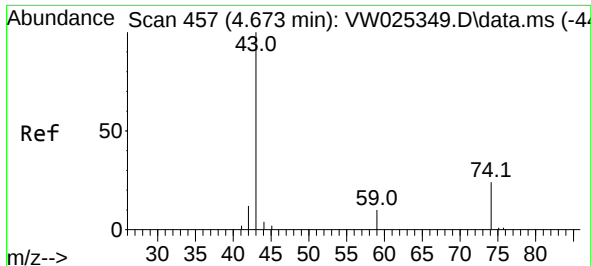
Tgt Ion: 43 Resp: 48745
Ion Ratio Lower Upper
43 100
58 31.7 0.0 61.6



#14
Carbon disulfide
Concen: 23.310 ug/L
RT: 4.393 min Scan# 411
Delta R.T. 0.000 min
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Tgt Ion: 76 Resp: 381141
Ion Ratio Lower Upper
76 100
78 8.8 7.2 10.8

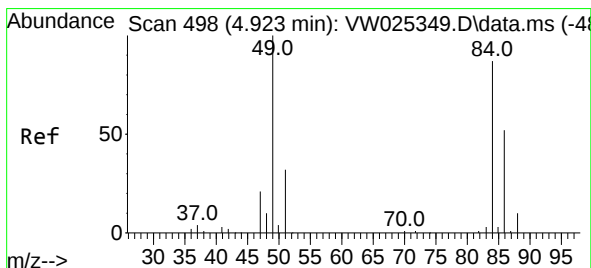
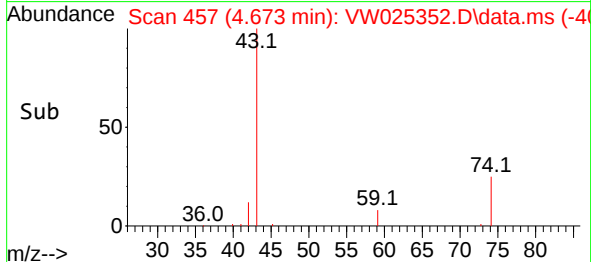
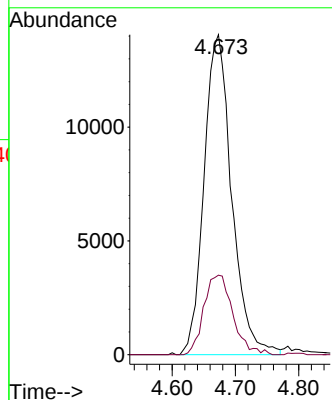
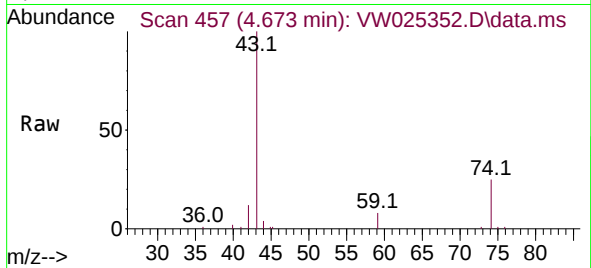




#15
Methyl Acetate
Concen: 21.434 ug/L
RT: 4.673 min Scan# 457
Delta R.T. 0.000 min
Lab File: VW025352.D
Acq: 22 Feb 2023 11:21

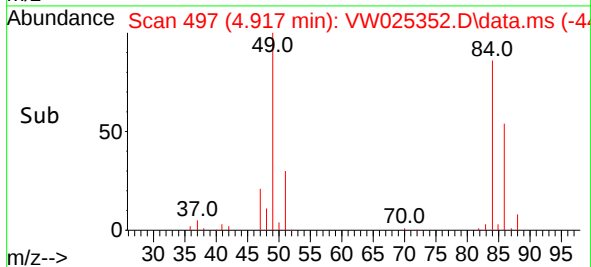
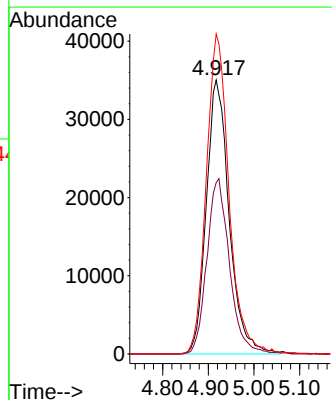
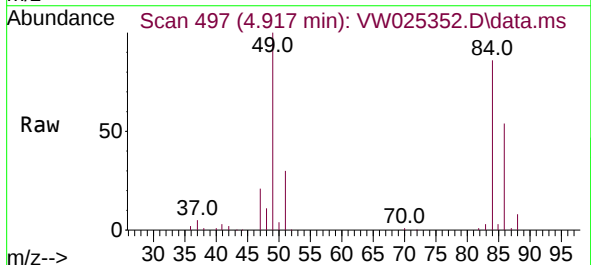
Instrument :
MSVOA_W
ClientSampleId :
VICV430

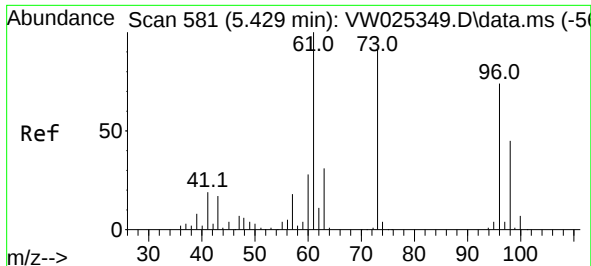
Tgt Ion: 43 Resp: 42742
Ion Ratio Lower Upper
43 100
74 25.2 20.2 30.4



#16
Methylene chloride
Concen: 22.128 ug/L
RT: 4.917 min Scan# 497
Delta R.T. -0.006 min
Lab File: VW025352.D
Acq: 22 Feb 2023 11:21

Tgt Ion: 84 Resp: 121732
Ion Ratio Lower Upper
84 100
86 62.5 41.8 77.6
49 116.8 80.3 149.1

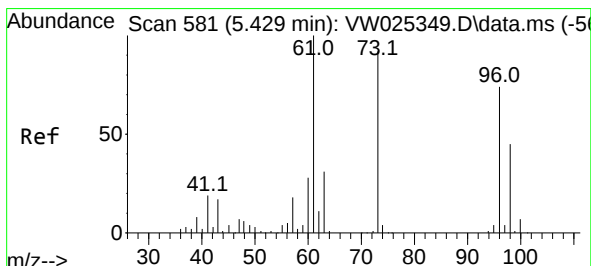
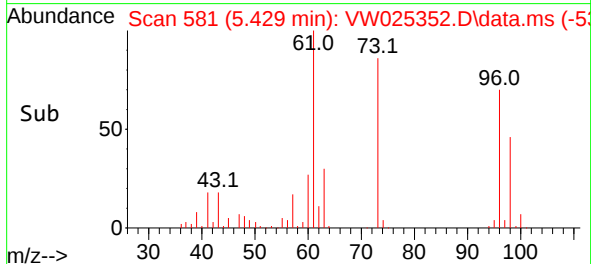
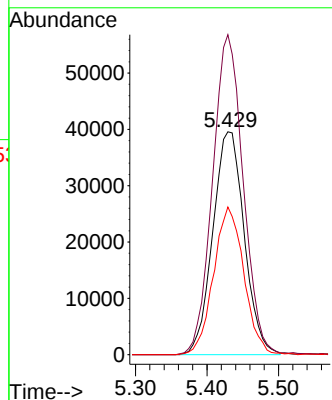
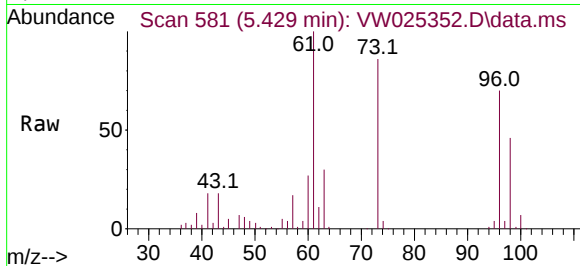




#17
trans-1,2-Dichloroethene
Concen: 22.977 ug/L
RT: 5.429 min Scan# 581
Delta R.T. 0.000 min
Lab File: VW025352.D
Acq: 22 Feb 2023 11:21

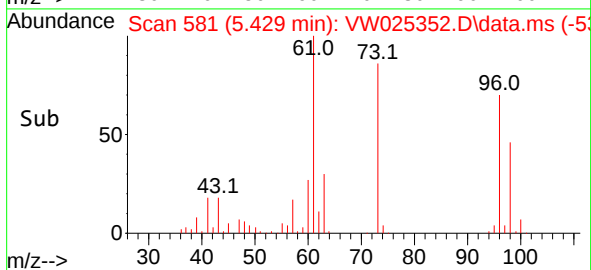
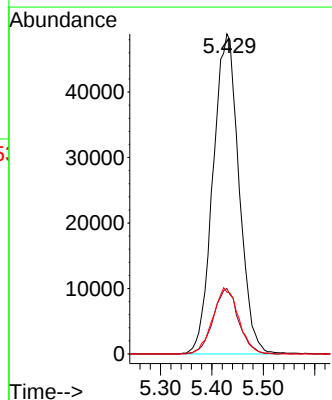
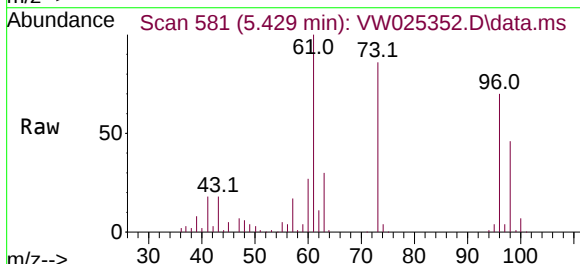
Instrument :
MSVOA_W
ClientSampleId :
VICV430

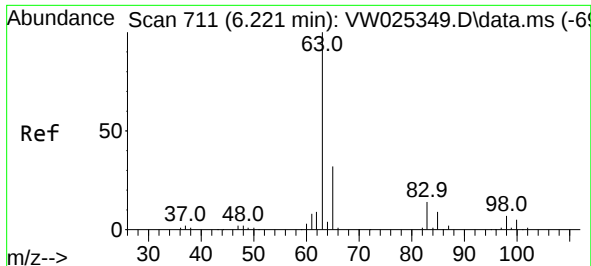
Tgt Ion: 96 Resp: 120749
Ion Ratio Lower Upper
96 100
61 143.6 94.8 176.0
98 66.3 42.4 78.6



#18
Methyl tert-butyl Ether
Concen: 23.108 ug/L
RT: 5.429 min Scan# 581
Delta R.T. 0.000 min
Lab File: VW025352.D
Acq: 22 Feb 2023 11:21

Tgt Ion: 73 Resp: 171514
Ion Ratio Lower Upper
73 100
43 19.8 16.1 24.1
57 20.5 16.6 25.0





#19

1,1-Dichloroethane

Concen: 23.213 ug/L

RT: 6.222 min Scan# 711

Delta R.T. 0.000 min

Lab File: VW025352.D

Acq: 22 Feb 2023 11:21

Instrument :

MSVOA_W

ClientSampleId :

VICV430

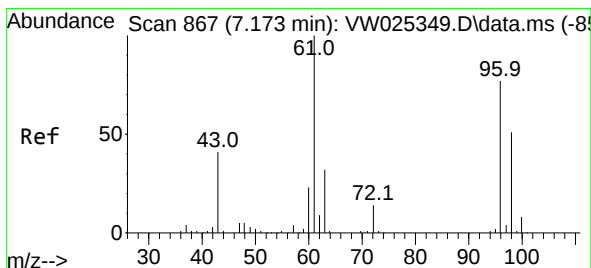
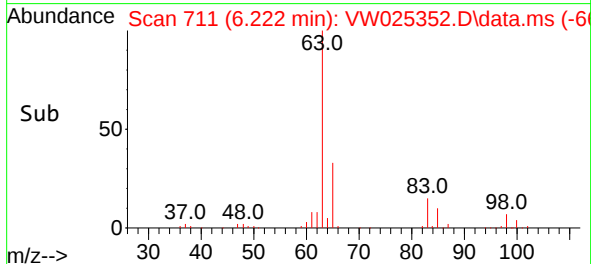
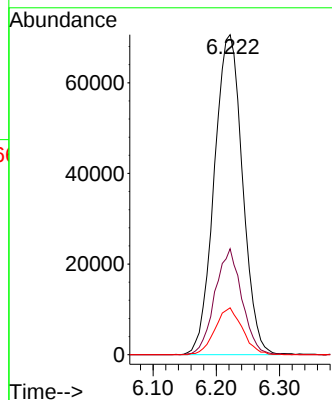
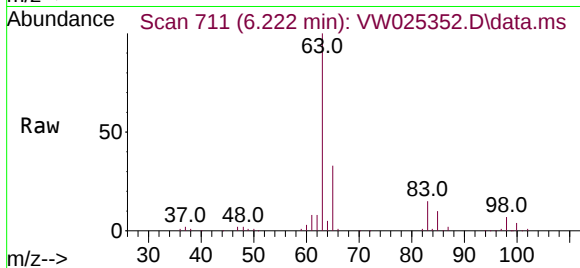
Tgt Ion: 63 Resp: 219209

Ion Ratio Lower Upper

63 100

65 33.1 22.1 41.1

83 14.7 9.5 17.7



#20

cis-1,2-Dichloroethene

Concen: 23.624 ug/L

RT: 7.173 min Scan# 867

Delta R.T. 0.000 min

Lab File: VW025352.D

Acq: 22 Feb 2023 11:21

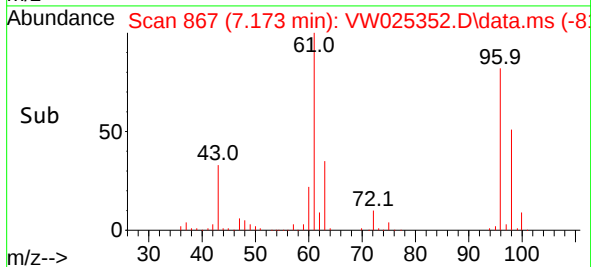
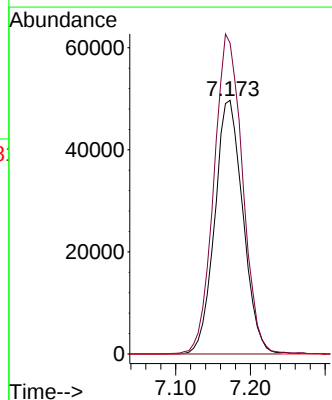
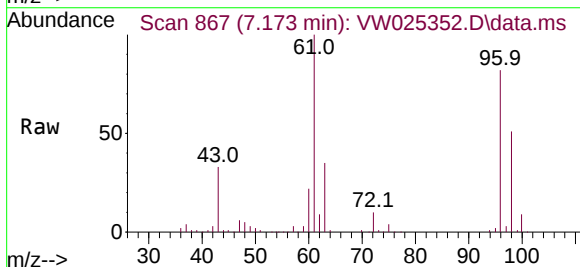
Tgt Ion: 96 Resp: 130449

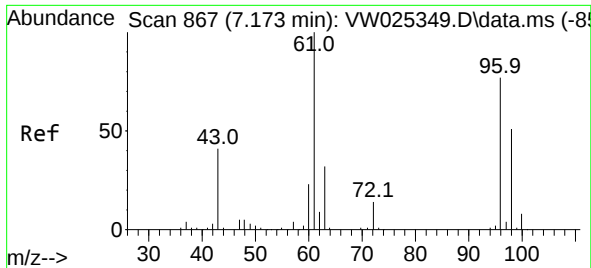
Ion Ratio Lower Upper

96 100

61 122.5 90.9 168.9

68 0.0 0.0 0.0

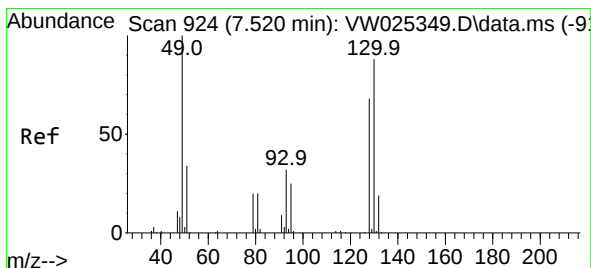
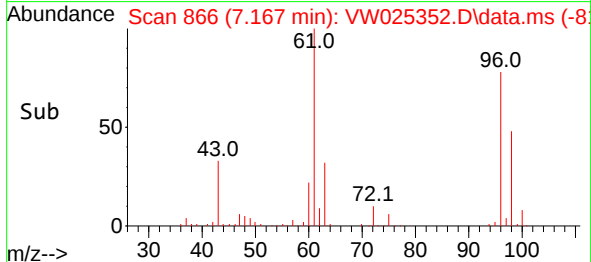
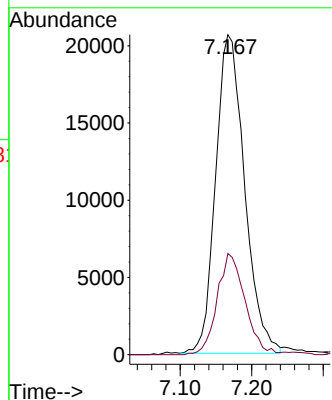
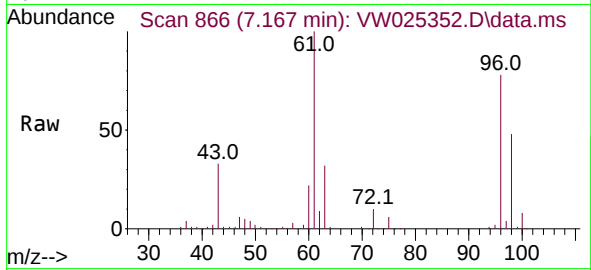




#22
2-Butanone
Concen: 40.401 ug/L
RT: 7.167 min Scan# 866
Delta R.T. -0.006 min
Lab File: VW025352.D
Acq: 22 Feb 2023 11:21

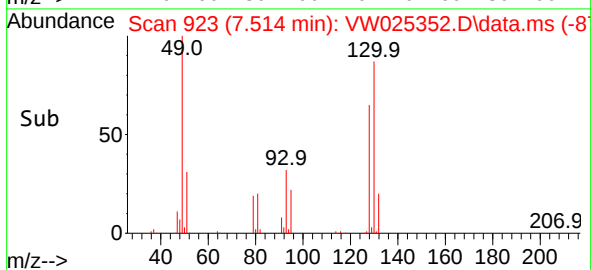
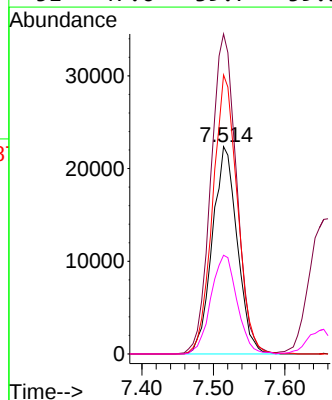
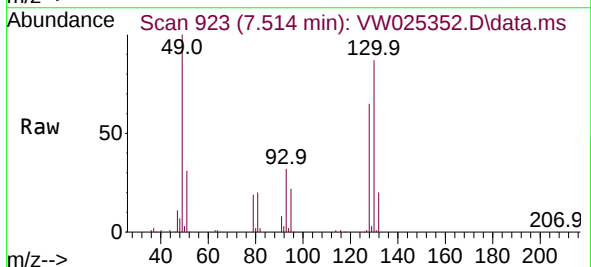
Instrument :
MSVOA_W
ClientSampleId :
VICV430

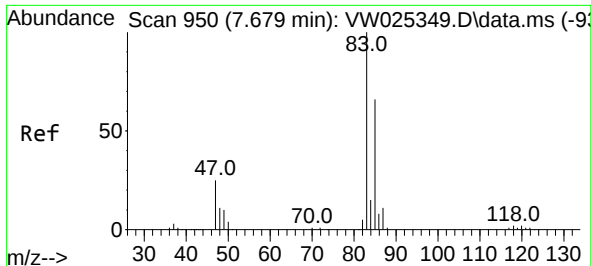
Tgt Ion: 43 Resp: 58004
Ion Ratio Lower Upper
43 100
72 30.0 15.0 45.1



#23
Bromochloromethane
Concen: 22.966 ug/L
RT: 7.514 min Scan# 923
Delta R.T. -0.006 min
Lab File: VW025352.D
Acq: 22 Feb 2023 11:21

Tgt Ion: 128 Resp: 54114
Ion Ratio Lower Upper
128 100
49 154.3 102.4 190.2
130 134.5 90.1 167.3
51 47.6 39.7 59.5





#25

Chloroform

Concen: 23.480 ug/L

RT: 7.673 min Scan# 94

Delta R.T. -0.006 min

Lab File: VW025352.D

Acq: 22 Feb 2023 11:21

Instrument :

MSVOA_W

ClientSampleId :

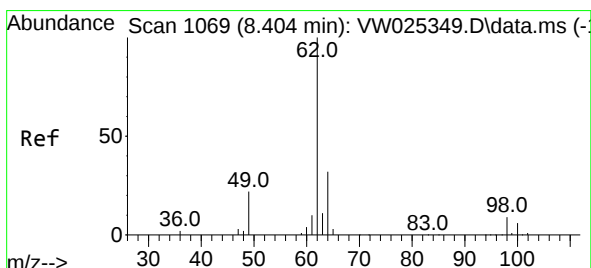
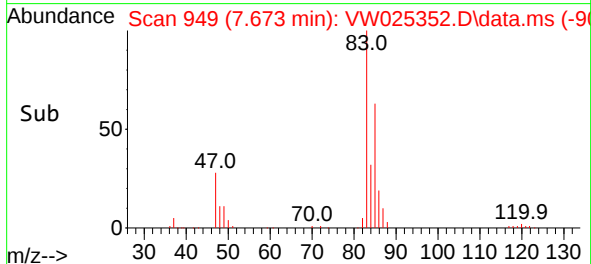
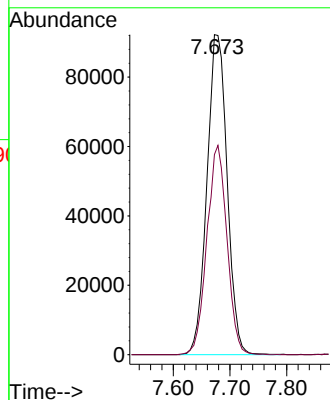
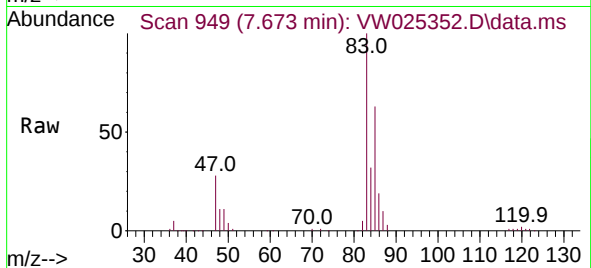
VICV430

Tgt Ion: 83 Resp: 228174

Ion Ratio Lower Upper

83 100

85 62.6 45.9 85.3



#27

1,2-Dichloroethane

Concen: 23.075 ug/L

RT: 8.398 min Scan# 1068

Delta R.T. -0.006 min

Lab File: VW025352.D

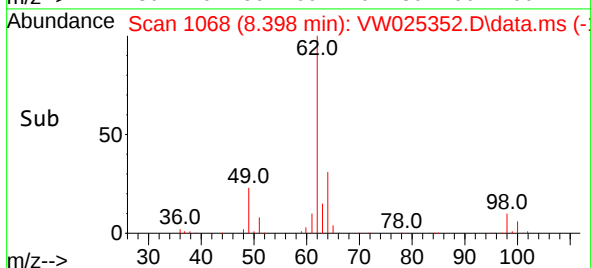
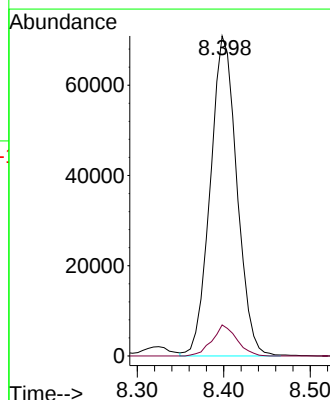
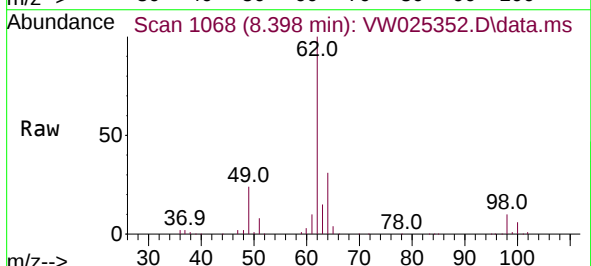
Acq: 22 Feb 2023 11:21

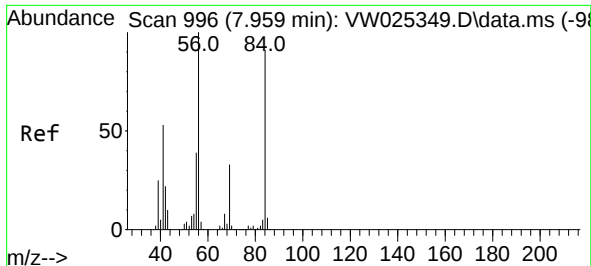
Tgt Ion: 62 Resp: 151255

Ion Ratio Lower Upper

62 100

98 9.7 7.4 11.0





#29

Cyclohexane

Concen: 26.233 ug/L

RT: 7.959 min Scan# 996

Delta R.T. 0.000 min

Lab File: VW025352.D

Acq: 22 Feb 2023 11:21

Instrument :

MSVOA_W

ClientSampleId :

VICV430

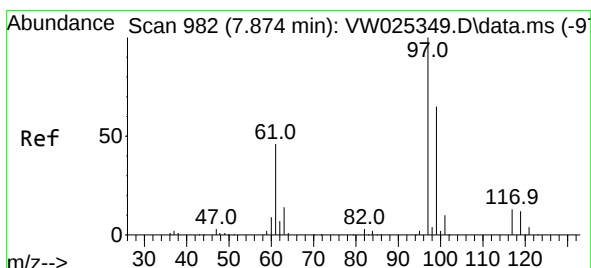
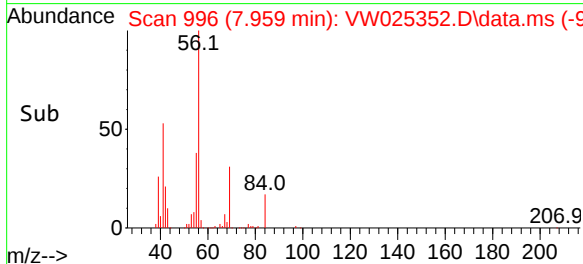
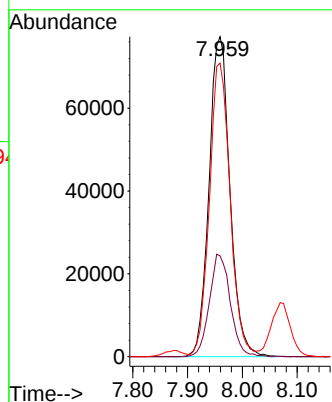
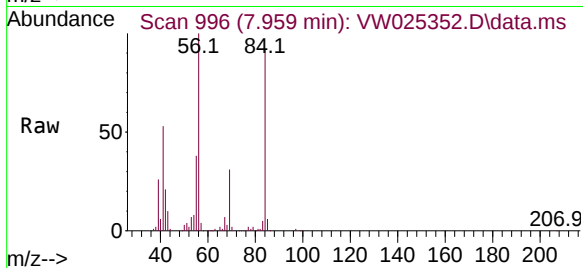
Tgt Ion: 56 Resp: 204803

Ion Ratio Lower Upper

56 100

69 32.0 25.9 38.9

84 90.8 74.6 111.8



#30

1,1,1-Trichloroethane

Concen: 25.166 ug/L

RT: 7.868 min Scan# 981

Delta R.T. -0.006 min

Lab File: VW025352.D

Acq: 22 Feb 2023 11:21

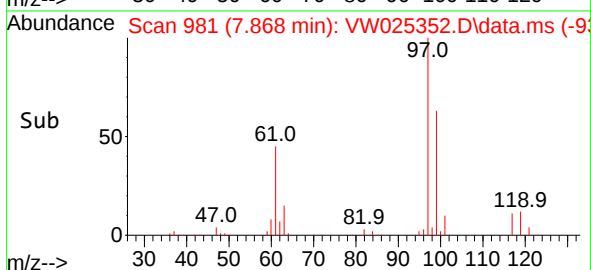
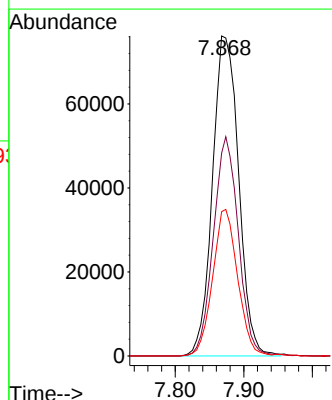
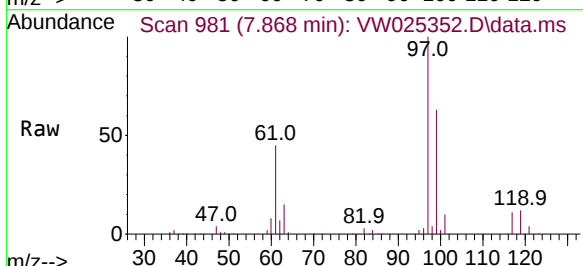
Tgt Ion: 97 Resp: 202180

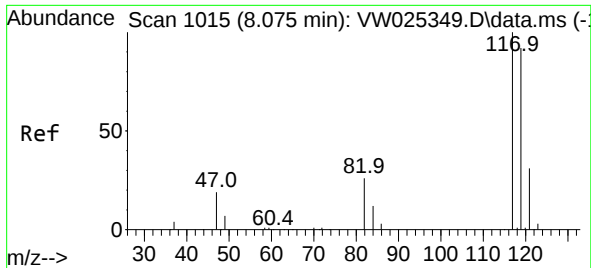
Ion Ratio Lower Upper

97 100

99 65.5 51.6 77.4

61 43.7 35.1 52.7

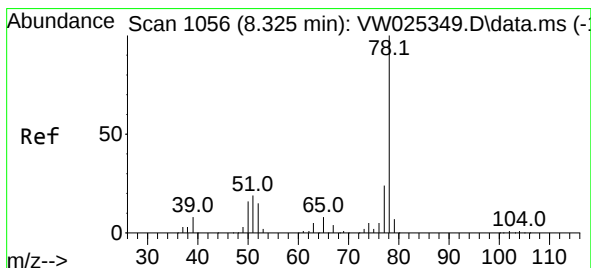
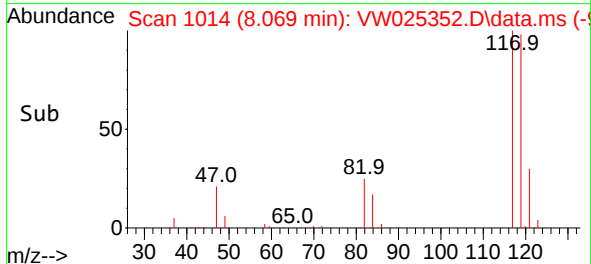
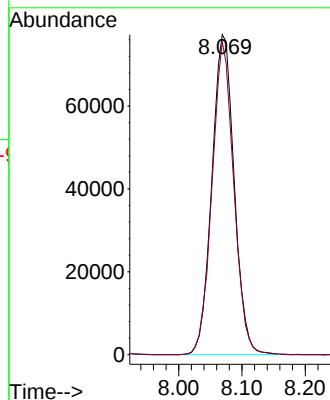
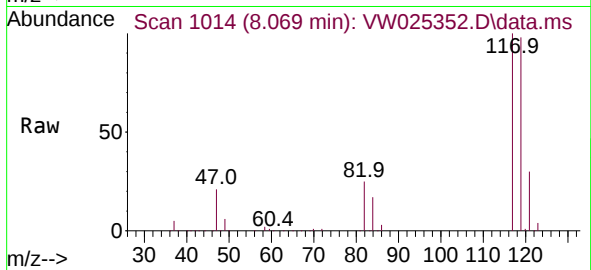




#31
Carbon tetrachloride
Concen: 25.080 ug/L
RT: 8.069 min Scan# 1015
Delta R.T. -0.006 min
Lab File: VW025352.D
Acq: 22 Feb 2023 11:21

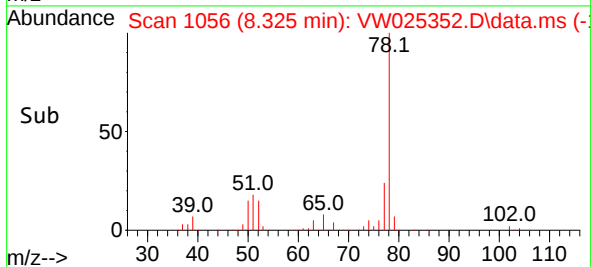
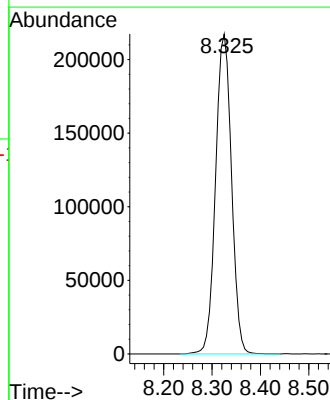
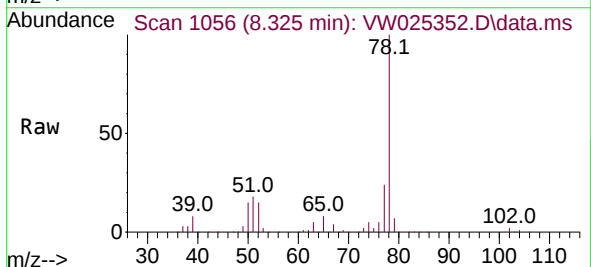
Instrument :
MSVOA_W
ClientSampleId :
VICV430

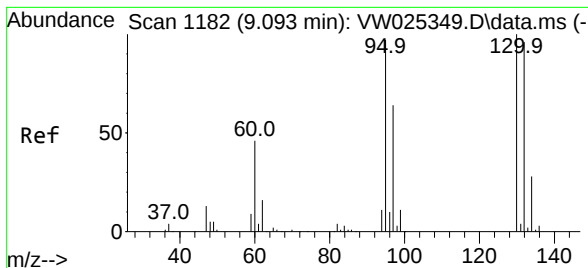
Tgt Ion:117 Resp: 189644
Ion Ratio Lower Upper
117 100
119 95.0 76.3 114.5



#33
Benzene
Concen: 26.133 ug/L
RT: 8.325 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VW025352.D
Acq: 22 Feb 2023 11:21

Tgt Ion: 78 Resp: 495557





#34

Trichloroethene

Concen: 25.758 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. 0.000 min

Lab File: VW025352.D

Acq: 22 Feb 2023 11:21

Instrument :

MSVOA_W

ClientSampleId :

VICV430

Tgt Ion: 95 Resp: 136408

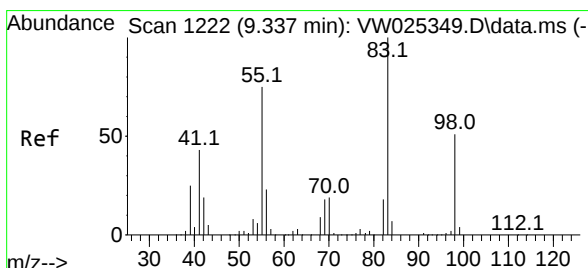
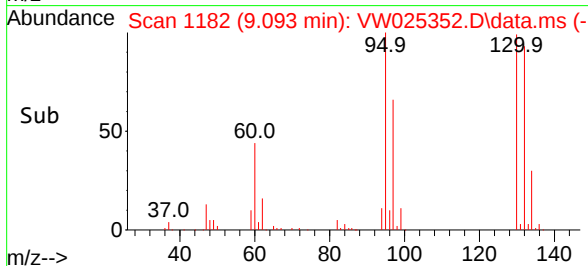
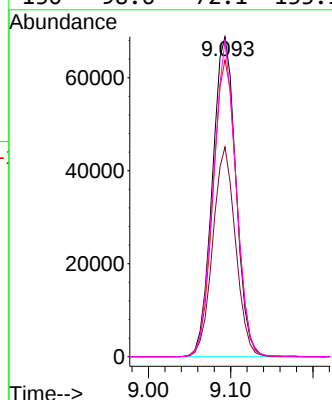
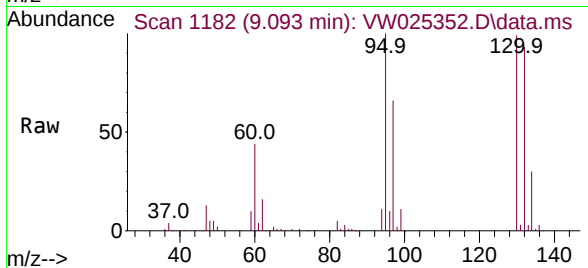
Ion Ratio Lower Upper

95 100

97 65.5 46.3 85.9

132 92.7 69.3 128.7

130 98.6 72.1 133.9



#35

Methylcyclohexane

Concen: 25.715 ug/L

RT: 9.337 min Scan# 1222

Delta R.T. 0.000 min

Lab File: VW025352.D

Acq: 22 Feb 2023 11:21

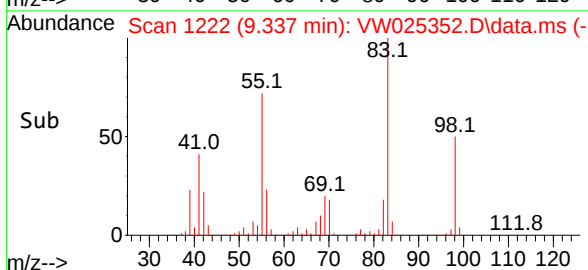
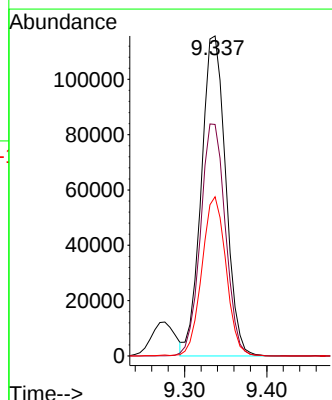
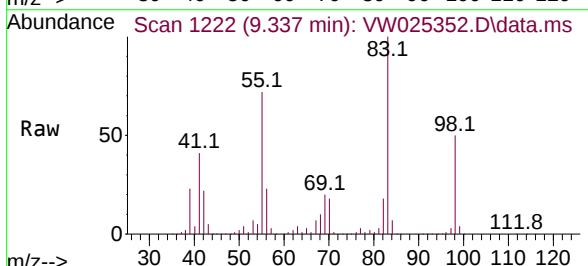
Tgt Ion: 83 Resp: 238648

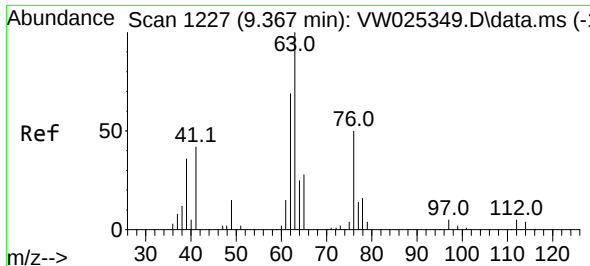
Ion Ratio Lower Upper

83 100

55 73.7 58.4 87.6

98 49.3 39.1 58.7





#37

1,2-Dichloropropane

Concen: 25.902 ug/L

RT: 9.367 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW025352.D

Acq: 22 Feb 2023 11:21

Instrument :

MSVOA_W

ClientSampleId :

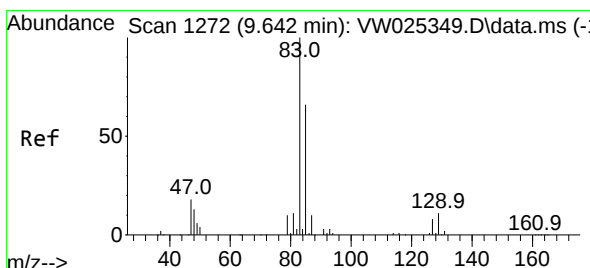
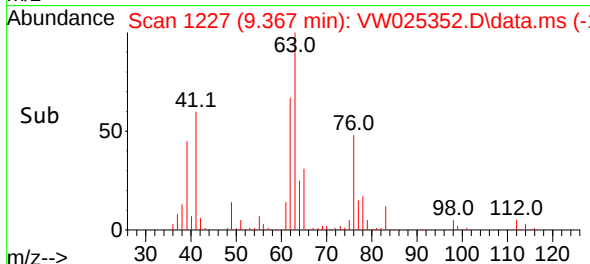
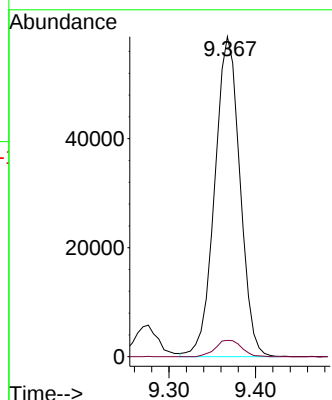
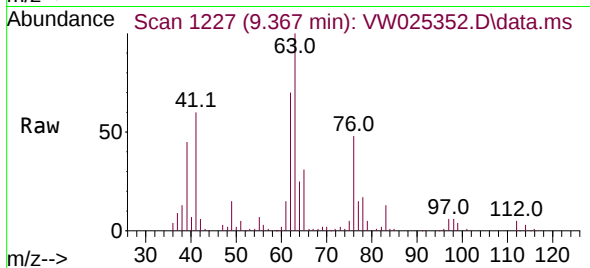
VICV430

Tgt Ion: 63 Resp: 118817

Ion Ratio Lower Upper

63 100

112 5.3 3.9 5.9



#38

Bromodichloromethane

Concen: 25.616 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. 0.000 min

Lab File: VW025352.D

Acq: 22 Feb 2023 11:21

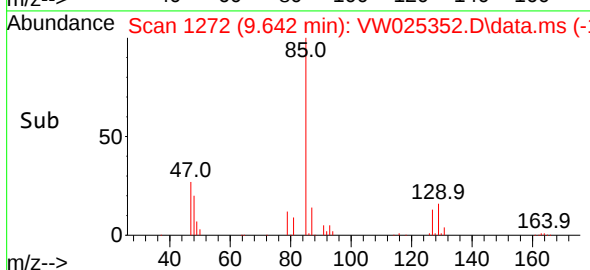
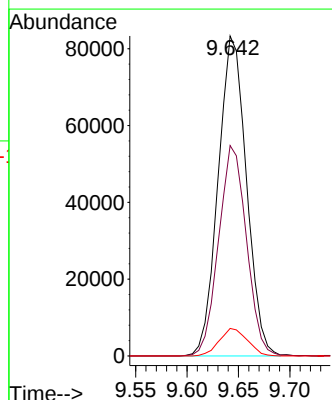
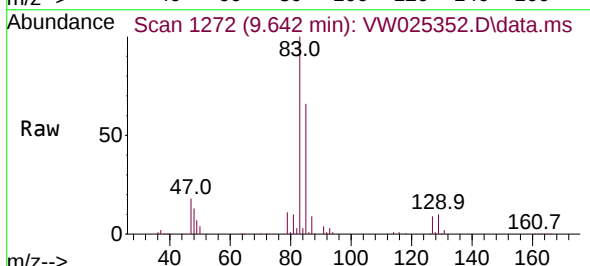
Tgt Ion: 83 Resp: 159385

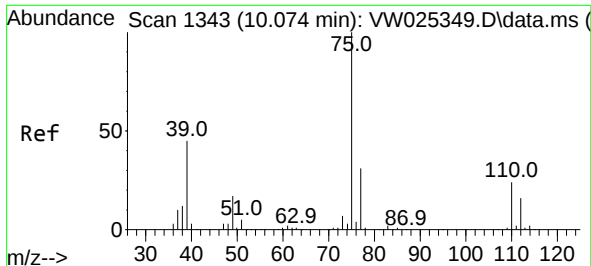
Ion Ratio Lower Upper

83 100

85 65.8 46.0 85.4

127 8.6 6.3 9.5





#39

cis-1,3-Dichloropropene

Concen: 26.001 ug/L

RT: 10.075 min Scan# 1343

Delta R.T. 0.000 min

Lab File: VW025352.D

Acq: 22 Feb 2023 11:21

Instrument :

MSVOA_W

ClientSampleId :

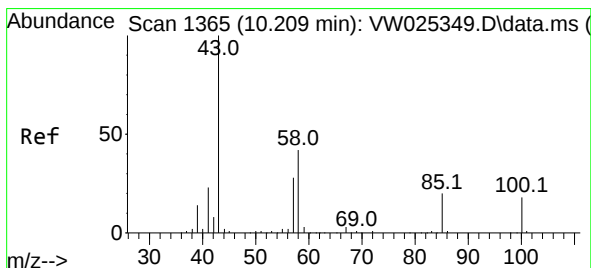
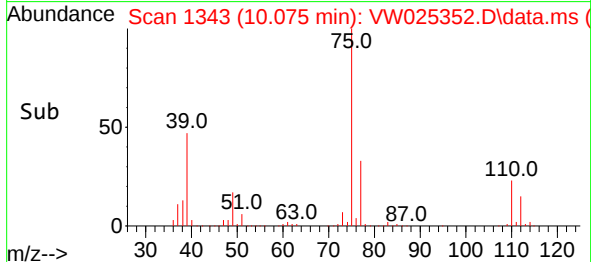
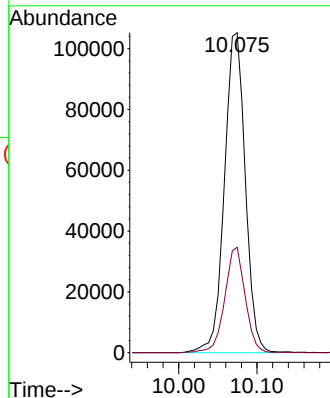
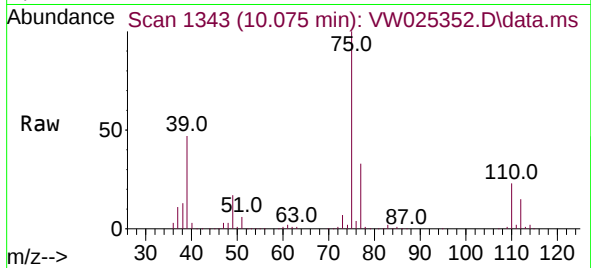
VICV430

Tgt Ion: 75 Resp: 195131

Ion Ratio Lower Upper

75 100

77 32.9 21.6 40.2



#40

4-Methyl-2-pentanone

Concen: 48.862 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. 0.000 min

Lab File: VW025352.D

Acq: 22 Feb 2023 11:21

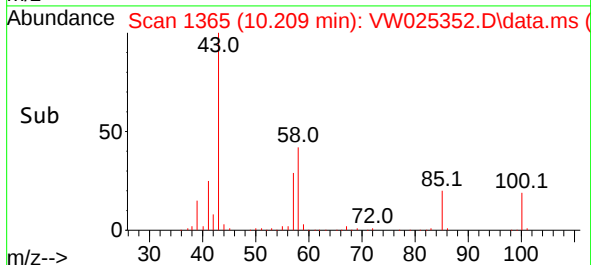
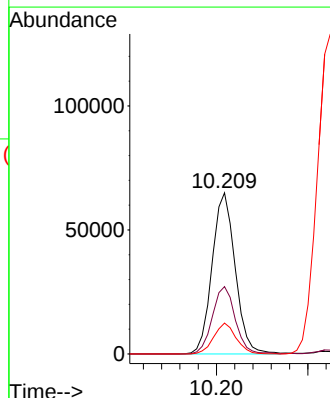
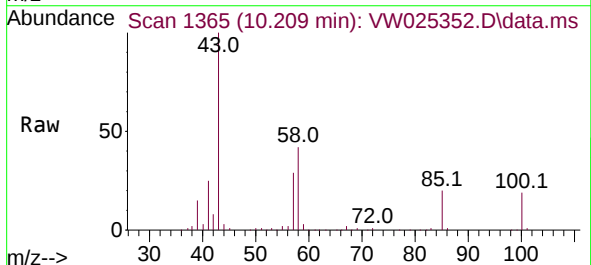
Tgt Ion: 43 Resp: 114023

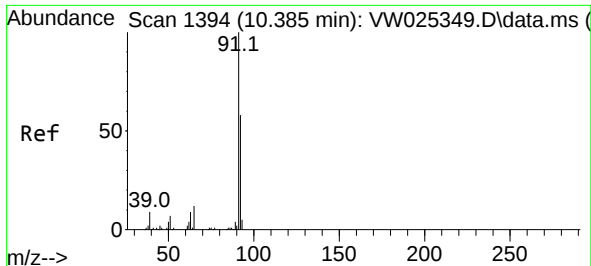
Ion Ratio Lower Upper

43 100

58 41.1 33.9 50.9

100 18.5 14.8 22.2

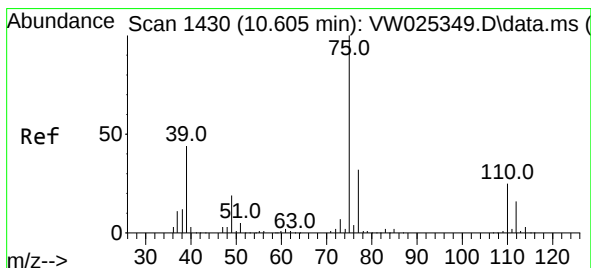
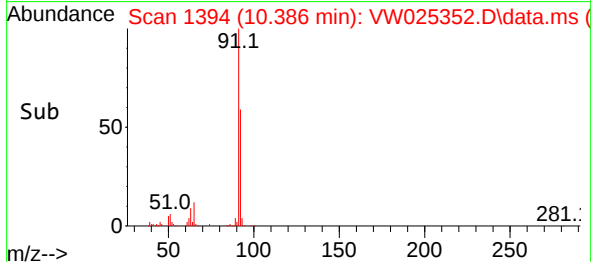
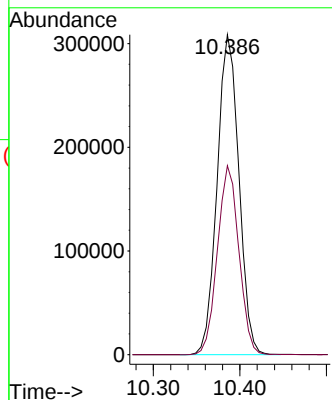
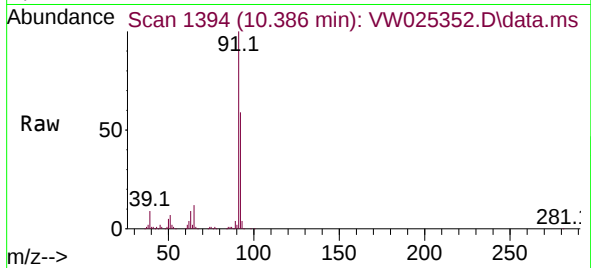




#42
Toluene
Concen: 26.361 ug/L
RT: 10.386 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW025352.D
Acq: 22 Feb 2023 11:21

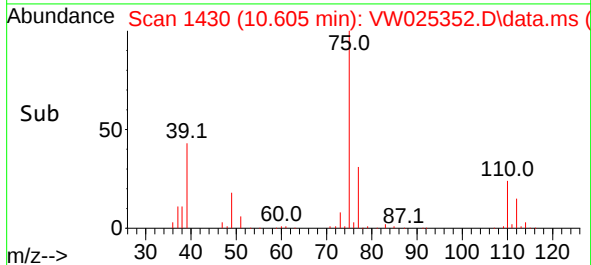
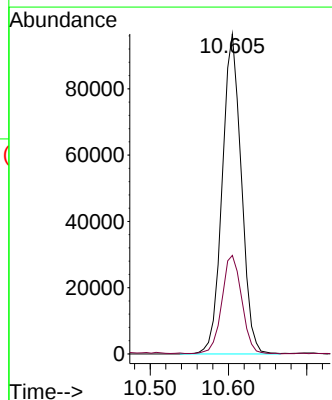
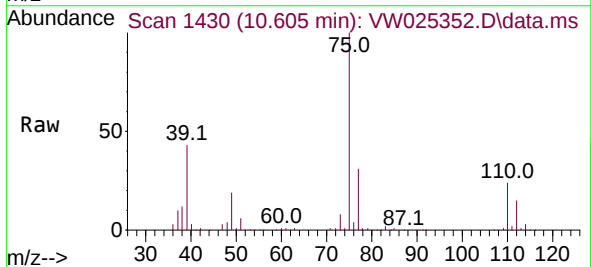
Instrument :
MSVOA_W
ClientSampleId :
VICV430

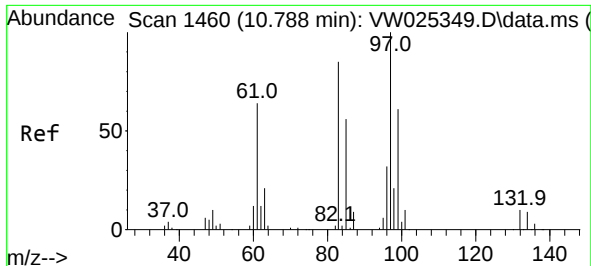
Tgt Ion: 91 Resp: 538174
Ion Ratio Lower Upper
91 100
92 59.0 40.9 76.0



#44
trans-1,3-Dichloropropene
Concen: 25.956 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VW025352.D
Acq: 22 Feb 2023 11:21

Tgt Ion: 75 Resp: 163752
Ion Ratio Lower Upper
75 100
77 30.8 22.5 41.7





#45

1,1,2-Trichloroethane

Concen: 25.008 ug/L

RT: 10.788 min Scan# 1460

Delta R.T. 0.000 min

Lab File: VW025352.D

Acq: 22 Feb 2023 11:21

Instrument :

MSVOA_W

ClientSampleId :

VICV430

Tgt Ion: 97 Resp: 85561

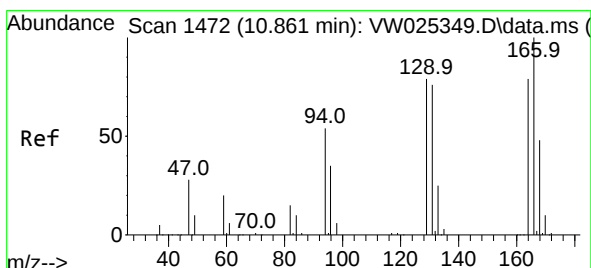
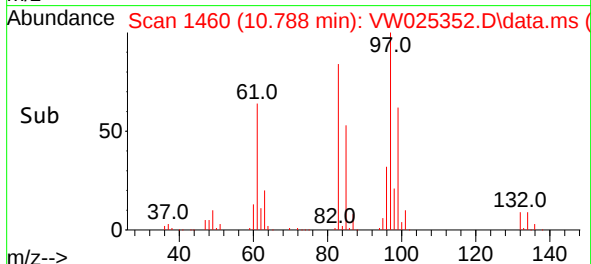
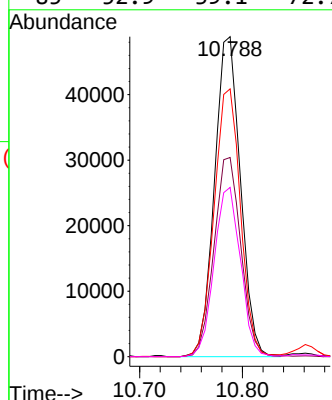
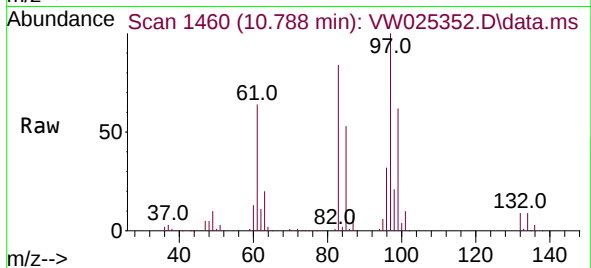
Ion Ratio Lower Upper

97 100

99 62.3 42.6 79.0

83 83.7 59.3 110.1

85 52.9 39.1 72.7



#46

Tetrachloroethene

Concen: 25.056 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. 0.000 min

Lab File: VW025352.D

Acq: 22 Feb 2023 11:21

Tgt Ion:164 Resp: 100203

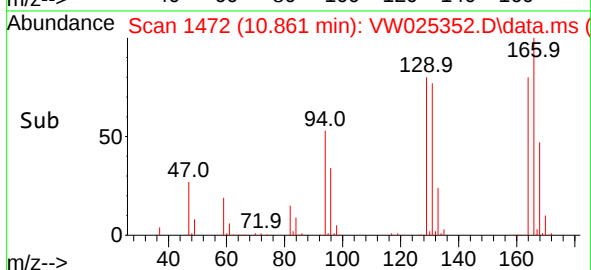
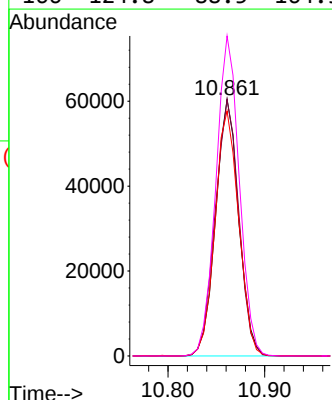
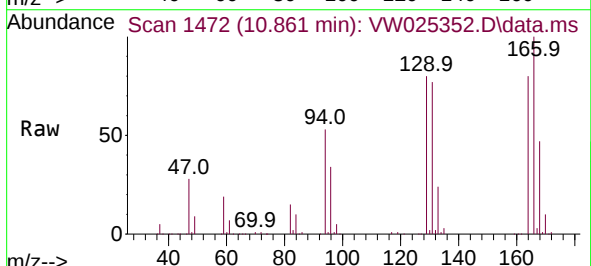
Ion Ratio Lower Upper

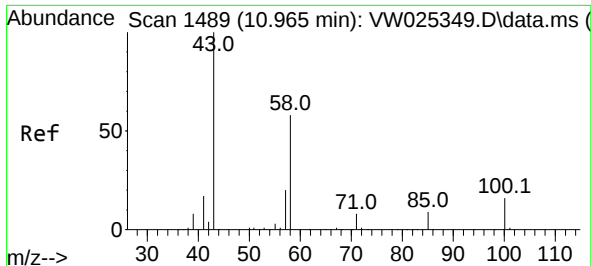
164 100

129 100.0 69.6 129.2

131 95.5 67.4 125.2

166 124.8 88.5 164.3

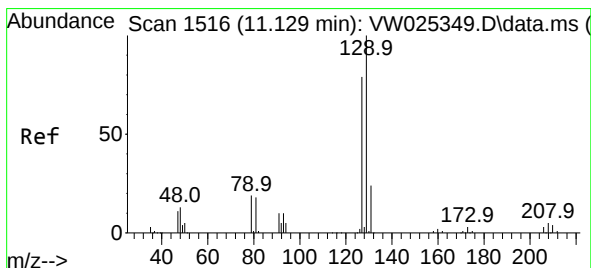
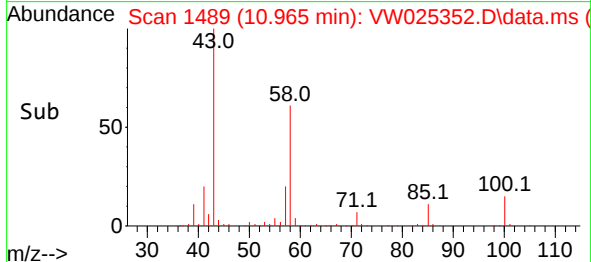
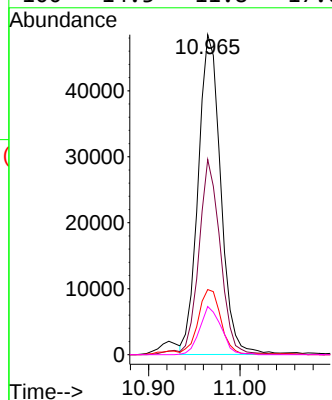
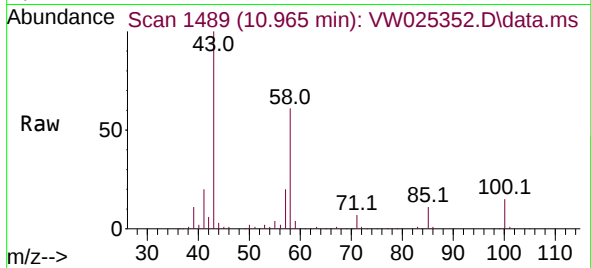




#48
2-Hexanone
Concen: 47.704 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VW025352.D
Acq: 22 Feb 2023 11:21

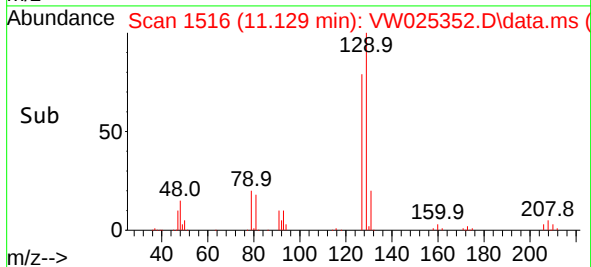
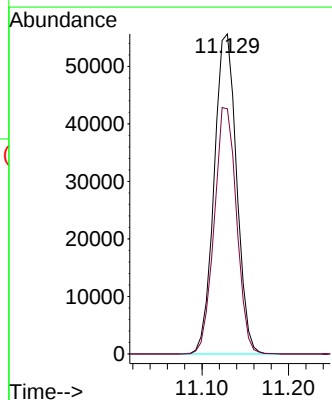
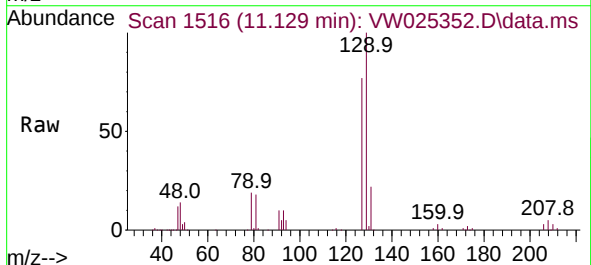
Instrument :
MSVOA_W
ClientSampleId :
VICV430

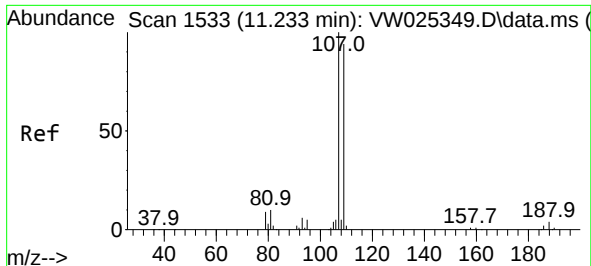
Tgt Ion:	43	Resp:	83087
Ion	Ratio	Lower	Upper
43	100		
58	57.5	47.0	70.4
57	20.6	17.0	25.4
100	14.3	11.8	17.6



#49
Dibromochloromethane
Concen: 25.396 ug/L
RT: 11.129 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VW025352.D
Acq: 22 Feb 2023 11:21

Tgt Ion:	129	Resp:	100366
Ion	Ratio	Lower	Upper
129	100		
127	76.6	55.3	102.7





#50

1,2-Dibromoethane

Concen: 25.384 ug/L

RT: 11.233 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW025352.D

Acq: 22 Feb 2023 11:21

Instrument :

MSVOA_W

ClientSampleId :

VICV430

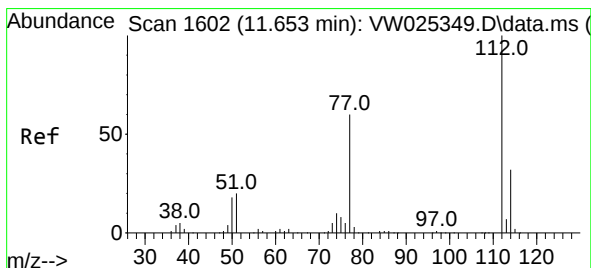
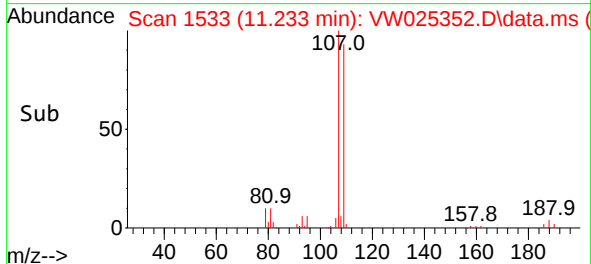
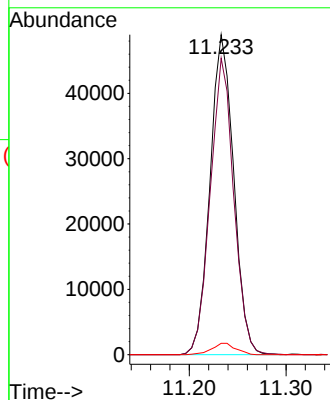
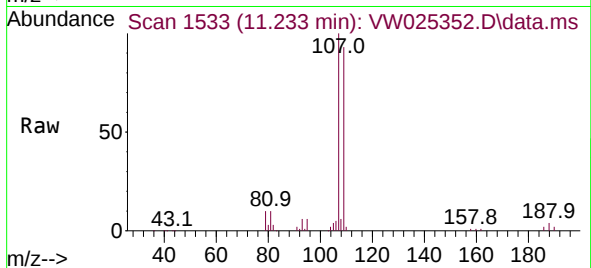
Tgt Ion:107 Resp: 83257

Ion Ratio Lower Upper

107 100

109 92.6 65.9 122.5

188 3.6 2.9 4.3



#51

Chlorobenzene

Concen: 21.402 ug/L

RT: 11.654 min Scan# 1602

Delta R.T. 0.000 min

Lab File: VW025352.D

Acq: 22 Feb 2023 11:21

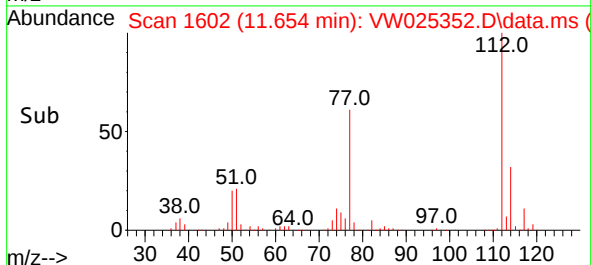
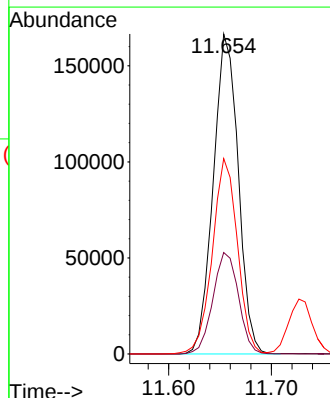
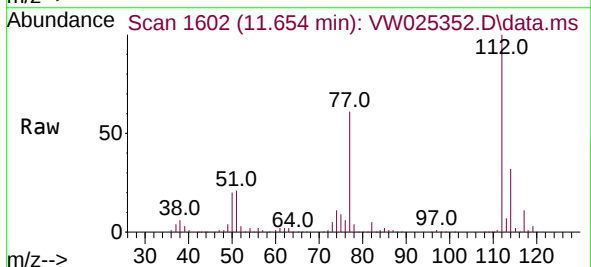
Tgt Ion:112 Resp: 280601

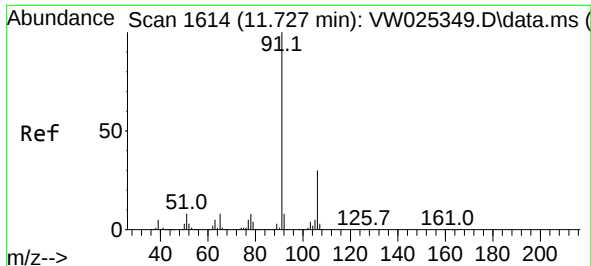
Ion Ratio Lower Upper

112 100

114 31.7 22.2 41.2

77 61.0 48.2 72.2

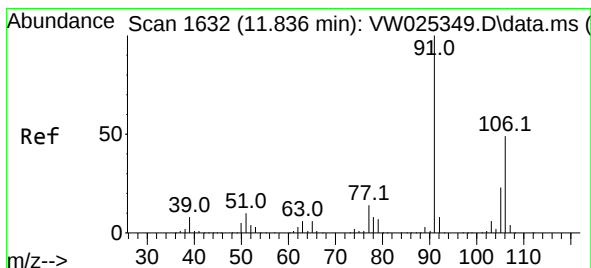
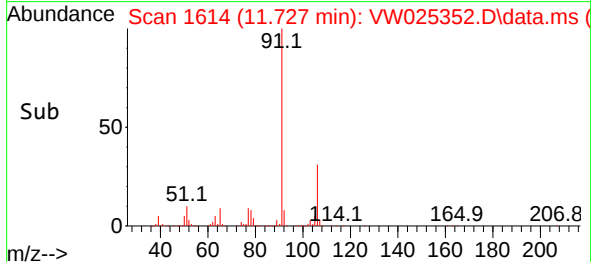
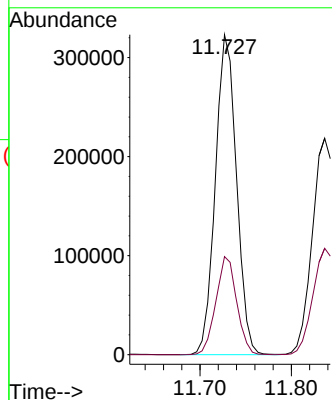
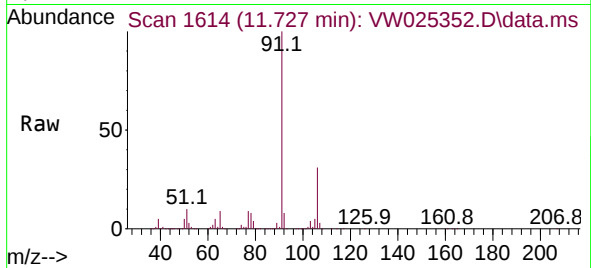




#52
Ethylbenzene
Concen: 21.935 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VW025352.D
Acq: 22 Feb 2023 11:21

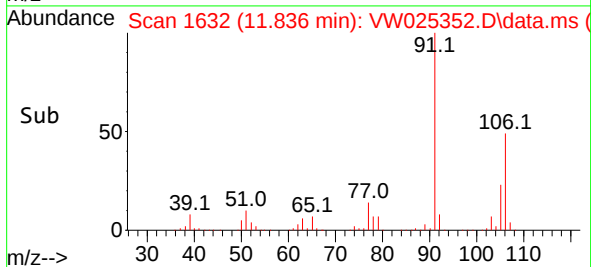
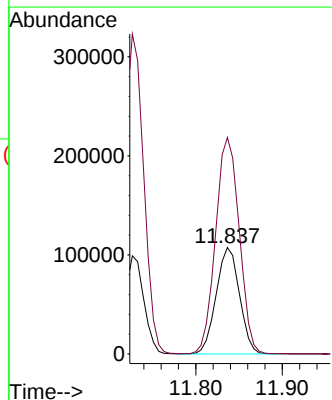
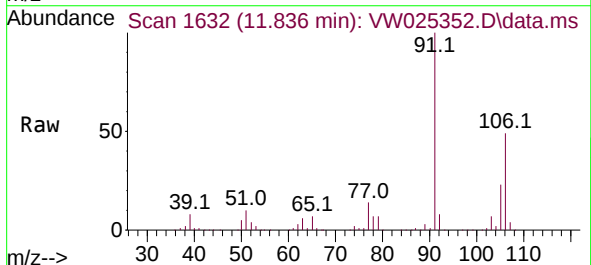
Instrument :
MSVOA_W
ClientSampleId :
VICV430

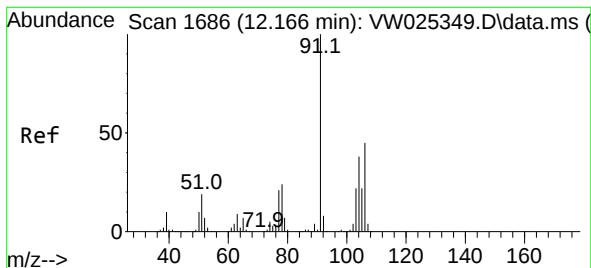
Tgt Ion: 91 Resp: 518922
Ion Ratio Lower Upper
91 100
106 30.7 21.3 39.6



#53
m,p-Xylene
Concen: 22.373 ug/L
RT: 11.836 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VW025352.D
Acq: 22 Feb 2023 11:21

Tgt Ion:106 Resp: 201105
Ion Ratio Lower Upper
106 100
91 203.4 144.1 267.7





#54

o-Xylene

Concen: 24.117 ug/L

RT: 12.166 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW025352.D

Acq: 22 Feb 2023 11:21

Instrument :

MSVOA_W

ClientSampleId :

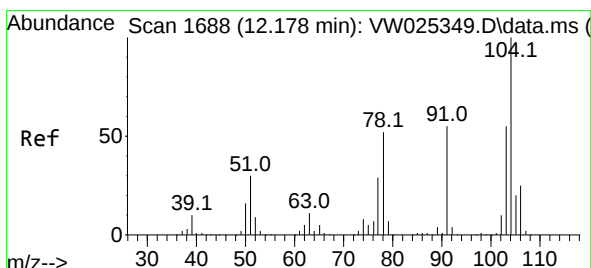
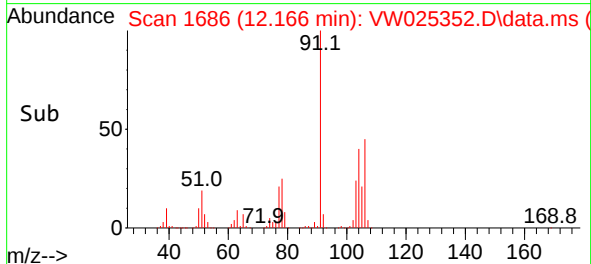
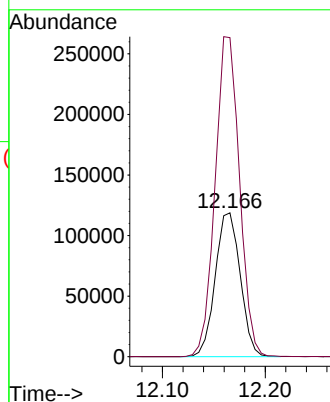
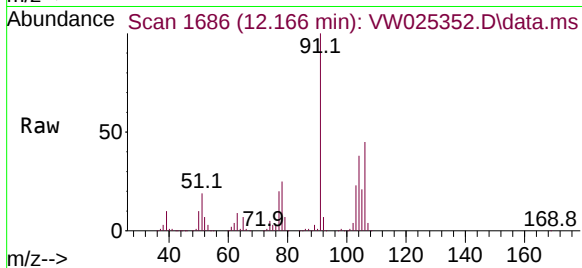
VICV430

Tgt Ion:106 Resp: 200406

Ion Ratio Lower Upper

106 100

91 221.8 157.1 291.7



#55

Styrene

Concen: 24.384 ug/L

RT: 12.178 min Scan# 1688

Delta R.T. 0.000 min

Lab File: VW025352.D

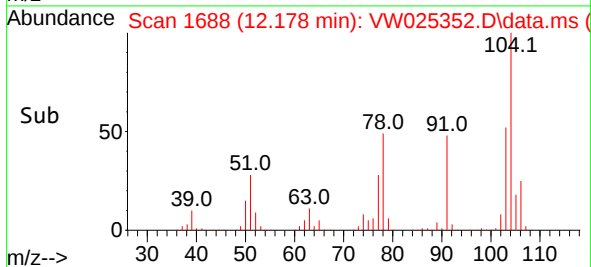
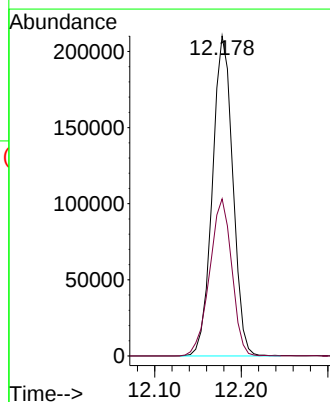
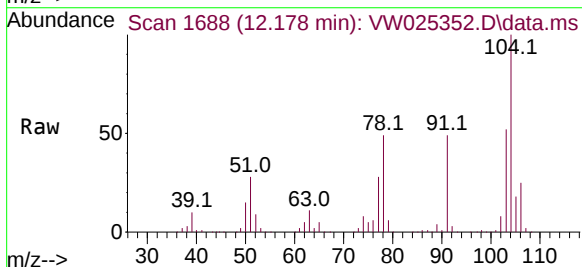
Acq: 22 Feb 2023 11:21

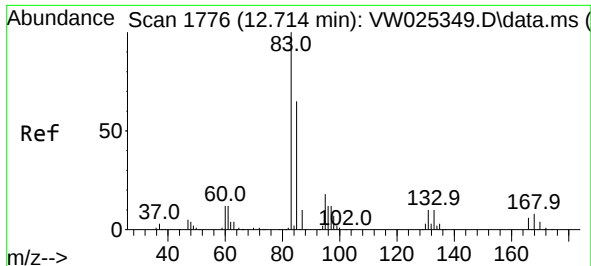
Tgt Ion:104 Resp: 344603

Ion Ratio Lower Upper

104 100

78 49.1 36.6 68.0





#57

1,1,2,2-Tetrachloroethane

Concen: 24.523 ug/L

RT: 12.708 min Scan# 1

Delta R.T. -0.006 min

Lab File: VW025352.D

Acq: 22 Feb 2023 11:21

Instrument :

MSVOA_W

ClientSampleId :

VICV430

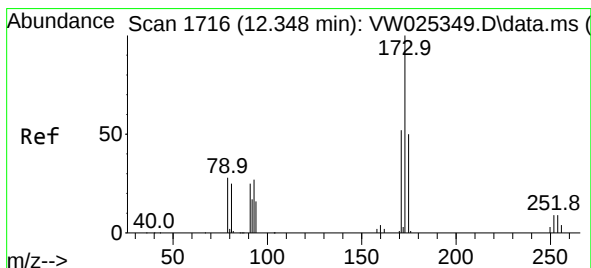
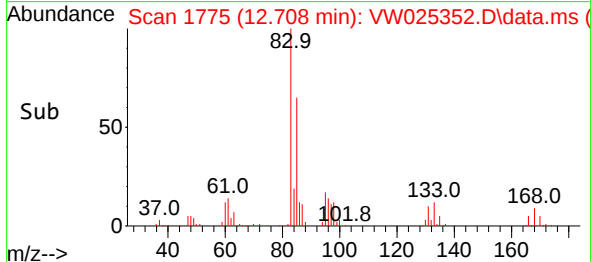
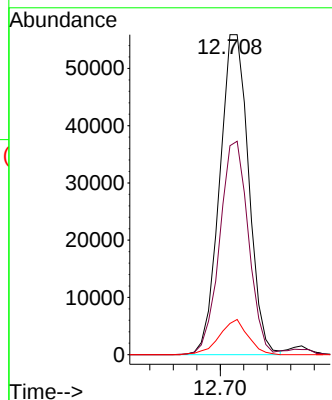
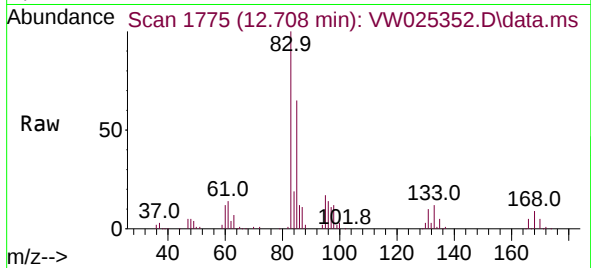
Tgt Ion: 83 Resp: 95785

Ion Ratio Lower Upper

83 100

85 65.3 45.6 84.6

131 9.7 8.2 12.2



#59

Bromoform

Concen: 20.753 ug/L

RT: 12.342 min Scan# 1715

Delta R.T. -0.006 min

Lab File: VW025352.D

Acq: 22 Feb 2023 11:21

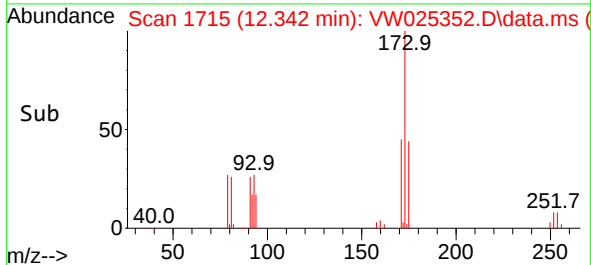
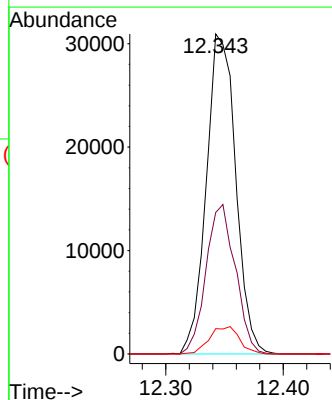
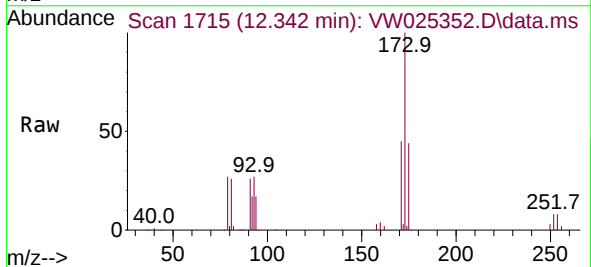
Tgt Ion:173 Resp: 53756

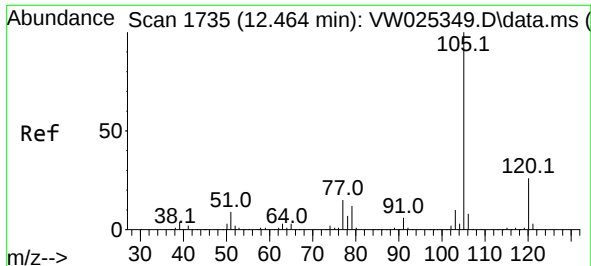
Ion Ratio Lower Upper

173 100

175 46.5 39.0 58.6

254 8.8 7.3 10.9

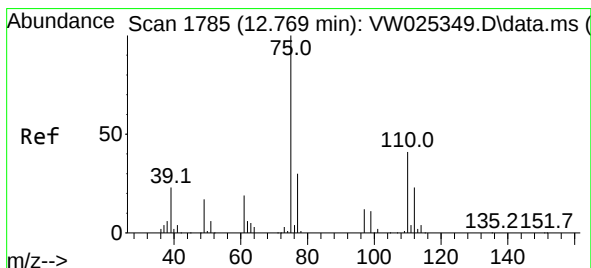
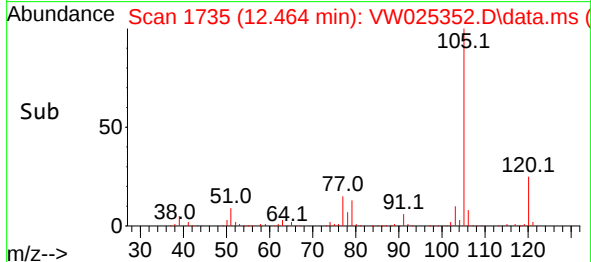
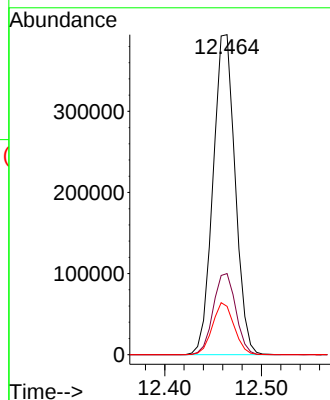
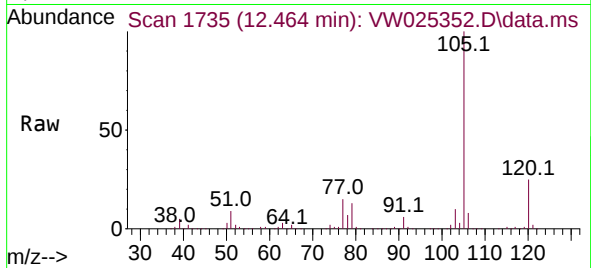




#60
Isopropylbenzene
Concen: 22.115 ug/L
RT: 12.464 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VW025352.D
Acq: 22 Feb 2023 11:21

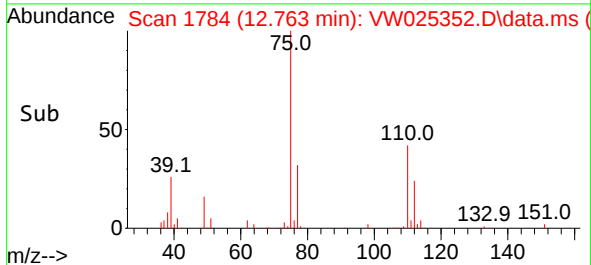
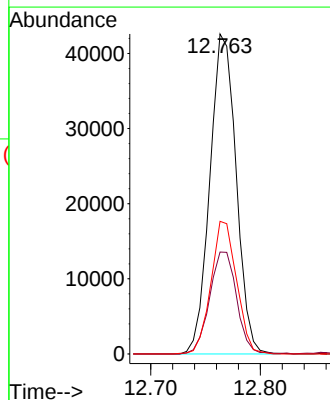
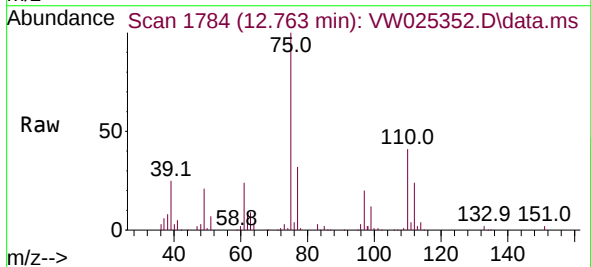
Instrument :
MSVOA_W
ClientSampleId :
VICV430

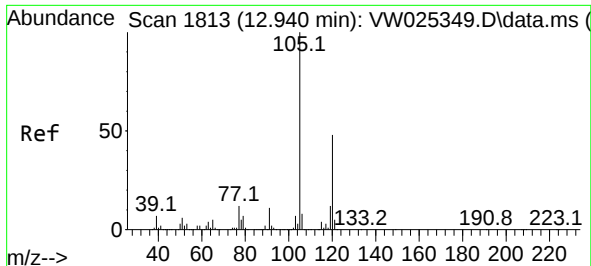
Tgt Ion:105 Resp: 625841
Ion Ratio Lower Upper
105 100
120 25.9 20.6 30.8
77 15.9 12.7 19.1



#61
1,2,3-Trichloropropane
Concen: 20.701 ug/L
RT: 12.763 min Scan# 1784
Delta R.T. -0.006 min
Lab File: VW025352.D
Acq: 22 Feb 2023 11:21

Tgt Ion: 75 Resp: 70964
Ion Ratio Lower Upper
75 100
77 32.7 26.3 39.5
110 40.4 32.6 49.0

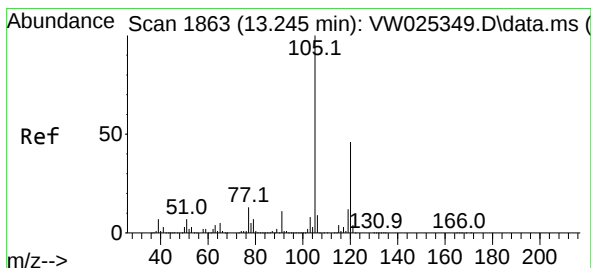
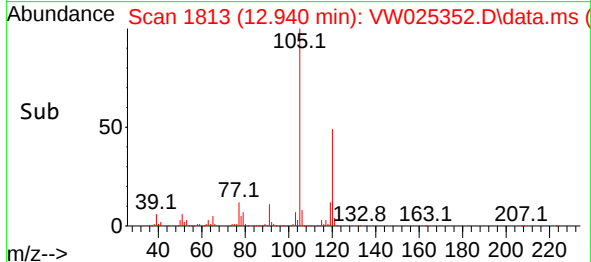
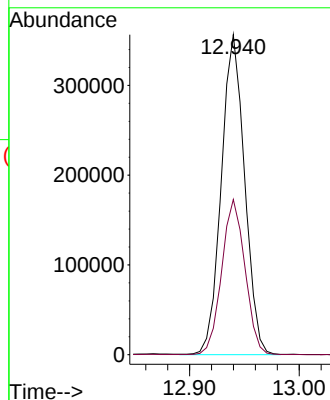
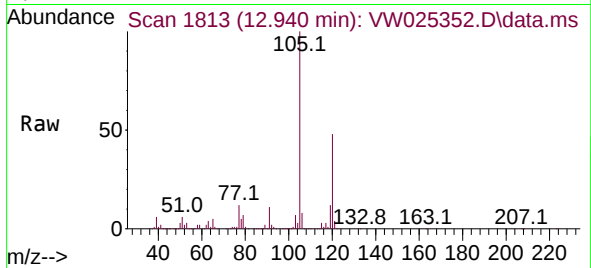




#62
1,3,5-Trimethylbenzene
Concen: 23.238 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VW025352.D
Acq: 22 Feb 2023 11:21

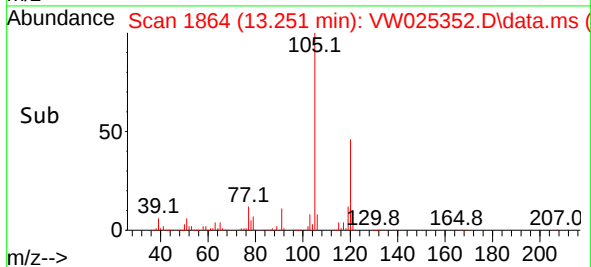
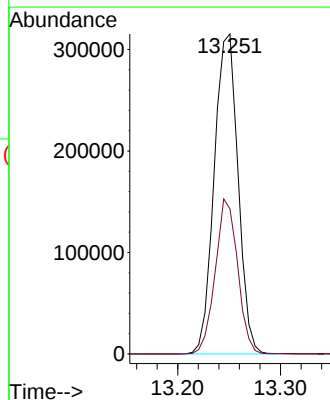
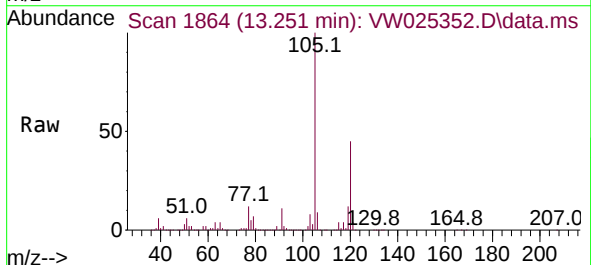
Instrument :
MSVOA_W
ClientSampleId :
VICV430

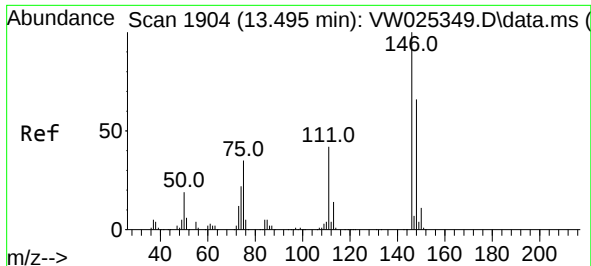
Tgt Ion:105 Resp: 528141
Ion Ratio Lower Upper
105 100
120 48.4 38.6 57.8



#63
1,2,4-Trimethylbenzene
Concen: 23.588 ug/L
RT: 13.251 min Scan# 1864
Delta R.T. 0.006 min
Lab File: VW025352.D
Acq: 22 Feb 2023 11:21

Tgt Ion:105 Resp: 507473
Ion Ratio Lower Upper
105 100
120 45.5 35.6 53.4

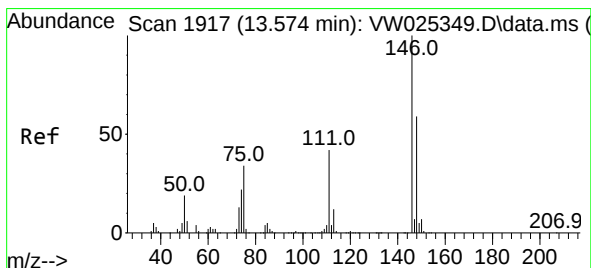
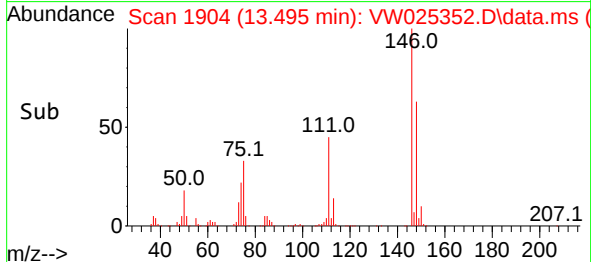
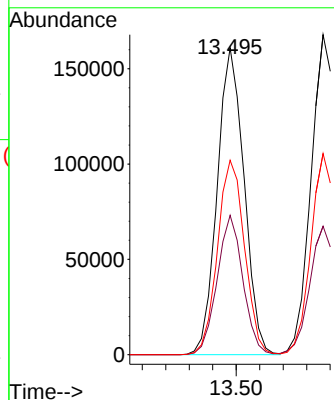
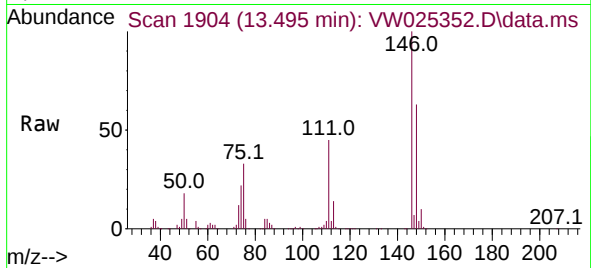




#64
1,3-Dichlorobenzene
Concen: 23.132 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VW025352.D
Acq: 22 Feb 2023 11:21

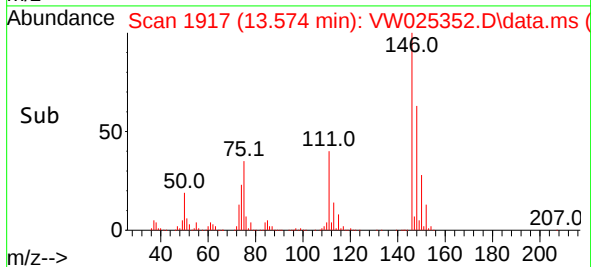
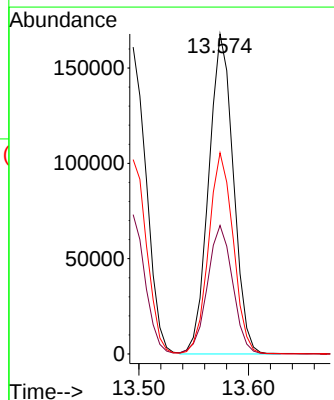
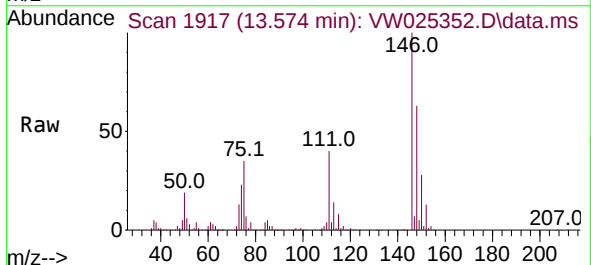
Instrument :
MSVOA_W
ClientSampleId :
VICV430

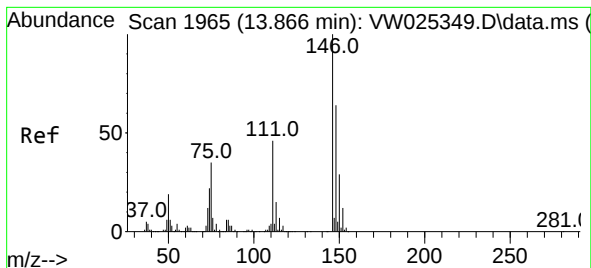
Tgt Ion:146 Resp: 255976
Ion Ratio Lower Upper
146 100
111 45.4 29.5 54.7
148 63.4 46.0 85.4



#65
1,4-Dichlorobenzene
Concen: 23.693 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VW025352.D
Acq: 22 Feb 2023 11:21

Tgt Ion:146 Resp: 262845
Ion Ratio Lower Upper
146 100
111 40.2 29.8 55.3
148 62.8 41.7 77.5





#67

1,2-Dichlorobenzene

Concen: 22.519 ug/L

RT: 13.867 min Scan# 1965

Delta R.T. 0.000 min

Lab File: VW025352.D

Acq: 22 Feb 2023 11:21

Instrument :

MSVOA_W

ClientSampleId :

VICV430

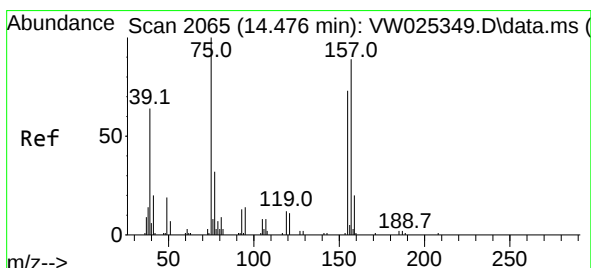
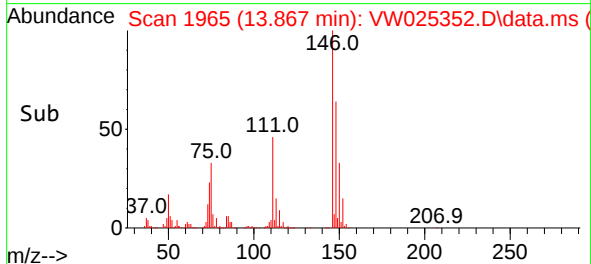
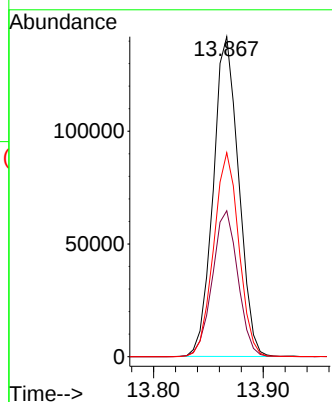
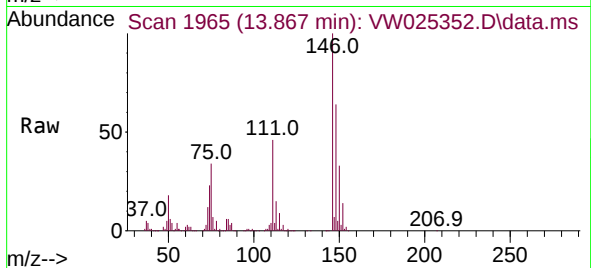
Tgt Ion:146 Resp: 228514

Ion Ratio Lower Upper

146 100

111 45.6 36.5 54.7

148 63.7 51.4 77.0



#68

1,2-Dibromo-3-chloropropane

Concen: 21.187 ug/L

RT: 14.476 min Scan# 2065

Delta R.T. 0.000 min

Lab File: VW025352.D

Acq: 22 Feb 2023 11:21

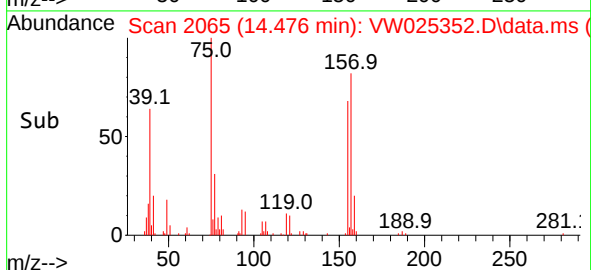
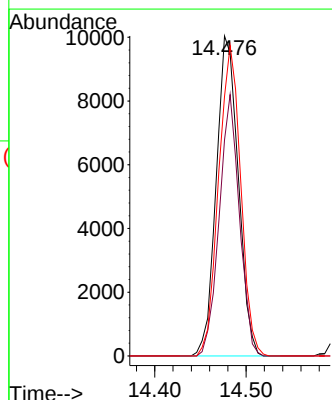
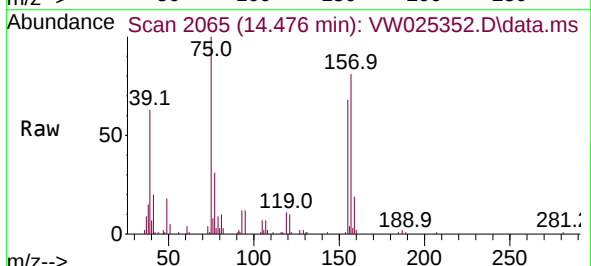
Tgt Ion: 75 Resp: 16782

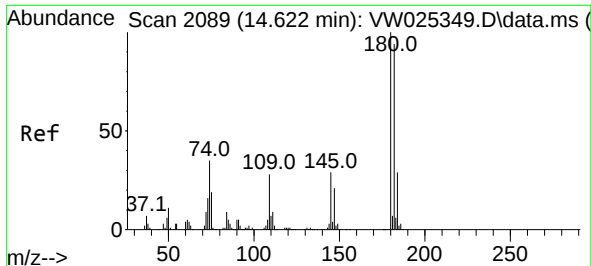
Ion Ratio Lower Upper

75 100

155 67.5 58.6 87.8

157 81.1 71.4 107.0





#69

1,3,5-Trichlorobenzene

Concen: 22.911 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. 0.000 min

Lab File: VW025352.D

Acq: 22 Feb 2023 11:21

Instrument :

MSVOA_W

ClientSampleId :

VICV430

Tgt Ion:180 Resp: 173537

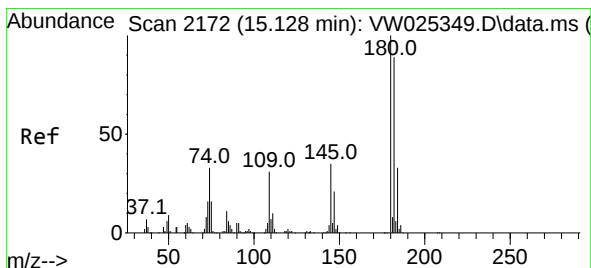
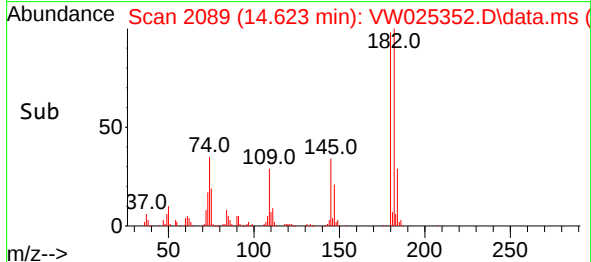
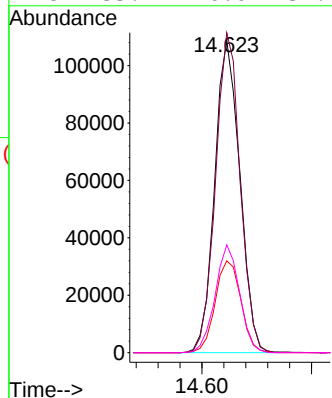
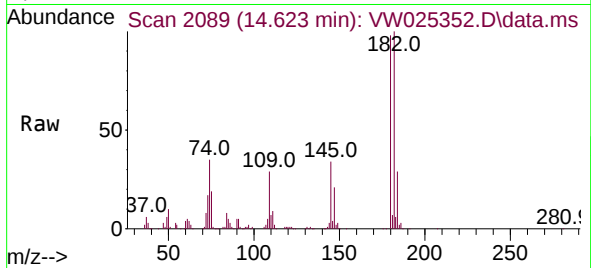
Ion Ratio Lower Upper

180 100

182 99.9 76.5 114.7

184 30.1 25.2 37.8

145 33.4 26.6 39.8



#70

1,2,4-trichlorobenzene

Concen: 22.260 ug/L

RT: 15.129 min Scan# 2172

Delta R.T. 0.000 min

Lab File: VW025352.D

Acq: 22 Feb 2023 11:21

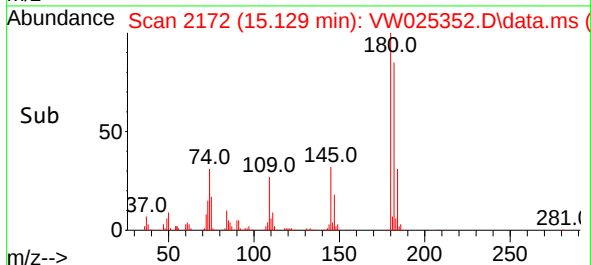
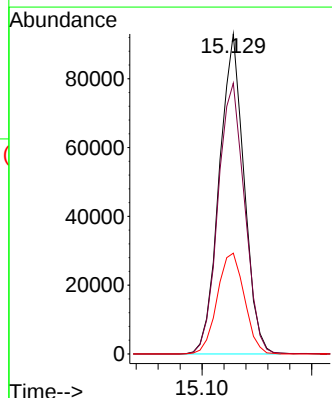
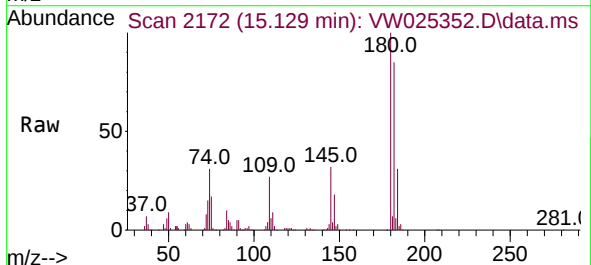
Tgt Ion:180 Resp: 146302

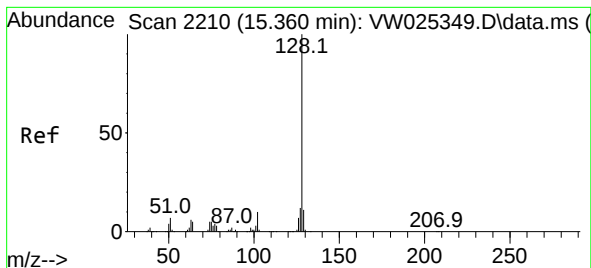
Ion Ratio Lower Upper

180 100

182 90.7 72.6 109.0

145 34.5 26.4 39.6





#71

Naphthalene

Concen: 22.109 ug/L

RT: 15.360 min Scan# 2210

Delta R.T. 0.000 min

Lab File: VW025352.D

Acq: 22 Feb 2023 11:21

Instrument :

MSVOA_W

ClientSampleId :

VICV430

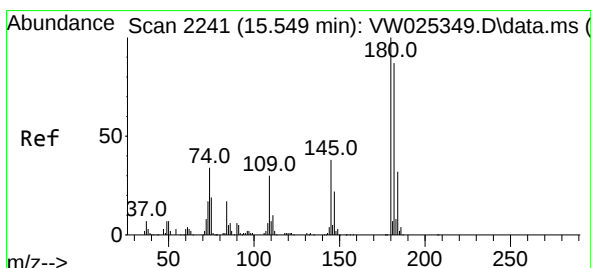
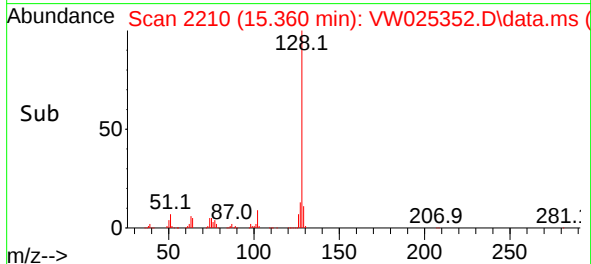
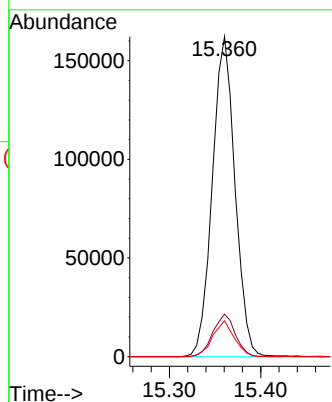
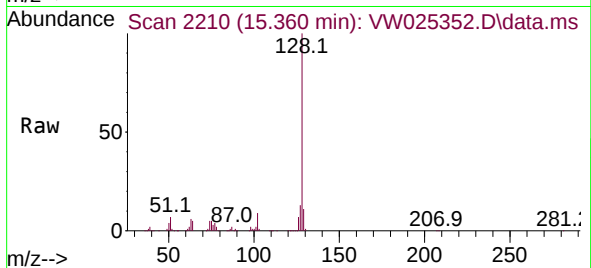
Tgt Ion:128 Resp: 279402

Ion Ratio Lower Upper

128 100

127 13.2 10.1 15.1

129 10.7 8.7 13.1



#72

1,2,3-Trichlorobenzene

Concen: 22.923 ug/L

RT: 15.549 min Scan# 2241

Delta R.T. 0.000 min

Lab File: VW025352.D

Acq: 22 Feb 2023 11:21

Tgt Ion:180 Resp: 127951

Ion Ratio Lower Upper

180 100

182 92.9 76.6 115.0

145 35.2 29.3 43.9

