

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW011823\
 Data File : VW029894.D
 Acq On : 18 Jan 2023 12:46
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VICV207

Quant Time: Jan 19 00:49:26 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM011823WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jan 19 00:40:29 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.603	114	456355	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.841	117	436284	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.236	152	265302	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	156669	49.269	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	98.540%		
7) Chloroethane-d5	1.558	69	136054	50.861	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	101.720%		
11) 1,1-Dichloroethene-d2	2.101	63	272180	48.166	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	96.340%		
21) 2-Butanone-d5	3.860	46	204894	110.577	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	110.580%		
24) Chloroform-d	4.329	84	305141	51.612	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	103.220%		
26) 1,2-Dichloroethane-d4	5.014	65	175571	53.043	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	106.080%		
32) Benzene-d6	5.034	84	629666	53.945	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	107.900%		
36) 1,2-Dichloropropane-d6	6.056	67	196106	54.581	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	109.160%		
41) Toluene-d8	7.304	98	576664	53.910	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	107.820%		
43) trans-1,3-Dichloroprop...	7.606	79	91494	57.330	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	114.660%		
47) 2-Hexanone-d5	8.079	63	178826	115.755	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	115.750%		
56) 1,1,2,2-Tetrachloroeth...	10.204	84	321915	57.898	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	115.800%		
66) 1,2-Dichlorobenzene-d4	11.609	152	243955	51.607	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	103.220%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.124	85	151384	46.338	ug/L	99
3) Chloromethane	1.236	50	150525	45.257	ug/L	99
5) Vinyl chloride	1.307	62	178008	46.506	ug/L	100
6) Bromomethane	1.513	94	90893	55.947	ug/L	98
8) Chloroethane	1.577	64	118019	48.242	ug/L	99
9) Trichlorofluoromethane	1.748	101	241146	46.710	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	149091	46.947	ug/L	99
12) 1,1-Dichloroethene	2.111	96	142779	46.601	ug/L	95
13) Acetone	2.153	43	187776	83.915	ug/L	99
14) Carbon disulfide	2.285	76	377216	48.236	ug/L	100
15) Methyl Acetate	2.416	43	154562	53.398	ug/L	98
16) Methylene chloride	2.497	84	180755	49.449	ug/L	98
17) trans-1,2-Dichloroethene	2.748	96	156508	48.711	ug/L	99
18) Methyl tert-butyl Ether	2.757	73	529770	52.735	ug/L	100
19) 1,1-Dichloroethane	3.175	63	283295	48.502	ug/L	99
20) cis-1,2-Dichloroethene	3.895	96	178768	49.704	ug/L	97
22) 2-Butanone	3.944	43	222899	96.300	ug/L	99
23) Bromochloromethane	4.230	128	95434	50.693	ug/L	99
25) Chloroform	4.358	83	299175	49.305	ug/L	100

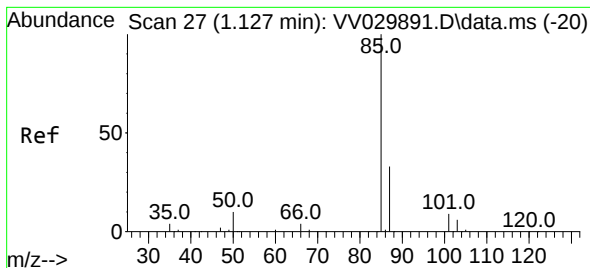
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.114	62	209882	50.097	ug/L	98
29) Cyclohexane	4.661	56	234538	51.244	ug/L	99
30) 1,1,1-Trichloroethane	4.593	97	247856	48.905	ug/L	99
31) Carbon tetrachloride	4.812	117	210317	48.929	ug/L	99
33) Benzene	5.085	78	675809	51.540	ug/L	100
34) Trichloroethene	5.902	95	163867	49.638	ug/L	98
35) Methylcyclohexane	6.117	83	269064	50.454	ug/L	100
37) 1,2-Dichloropropane	6.159	63	170443	50.029	ug/L	99
38) Bromodichloromethane	6.497	83	225265	50.899	ug/L	97
39) cis-1,3-Dichloropropene	7.014	75	257051	53.387	ug/L	98
40) 4-Methyl-2-pentanone	7.217	43	412356	109.387	ug/L	99
42) Toluene	7.374	91	715974	51.137	ug/L	100
44) trans-1,3-Dichloropropene	7.638	75	243603	54.084	ug/L	100
45) 1,1,2-Trichloroethane	7.825	97	179513	52.090	ug/L	99
46) Tetrachloroethene	7.963	164	133128	48.887	ug/L	98
48) 2-Hexanone	8.130	43	330457	106.885	ug/L	99
49) Dibromochloromethane	8.233	129	185242	51.642	ug/L	98
50) 1,2-Dibromoethane	8.339	107	178495	51.722	ug/L	98
51) Chlorobenzene	8.869	112	475242	49.395	ug/L	100
52) Ethylbenzene	9.001	91	760571	49.703	ug/L	100
53) m,p-Xylene	9.127	106	302052	49.710	ug/L	98
54) o-Xylene	9.532	106	316993	53.883	ug/L	100
55) Styrene	9.548	104	582361	54.889	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.226	83	318899	55.100	ug/L	100
59) Bromoform	9.718	173	140714	53.477	ug/L	99
60) Isopropylbenzene	9.918	105	848464	53.611	ug/L	100
61) 1,2,3-Trichloropropane	10.259	75	239465	55.424	ug/L	99
62) 1,3,5-Trimethylbenzene	10.525	105	701460	52.789	ug/L	99
63) 1,2,4-Trimethylbenzene	10.902	105	718409	54.244	ug/L	100
64) 1,3-Dichlorobenzene	11.168	146	407973	51.025	ug/L	99
65) 1,4-Dichlorobenzene	11.258	146	404309	48.809	ug/L	99
67) 1,2-Dichlorobenzene	11.628	146	396273	49.232	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.413	75	58226	50.433	ug/L	97
69) 1,3,5-Trichlorobenzene	12.631	180	306693	49.271	ug/L	100
70) 1,2,4-trichlorobenzene	13.246	180	284208	51.729	ug/L	100
71) Naphthalene	13.487	128	933953	63.205	ug/L	99
72) 1,2,3-Trichlorobenzene	13.728	180	284764	53.184	ug/L	100

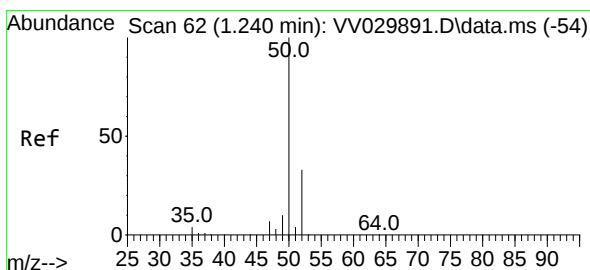
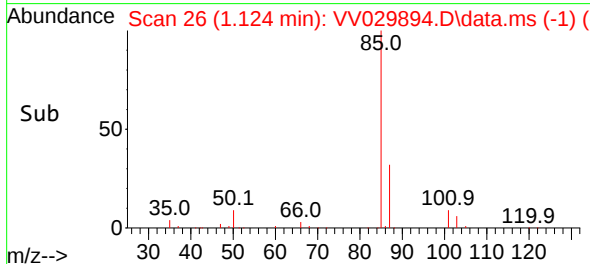
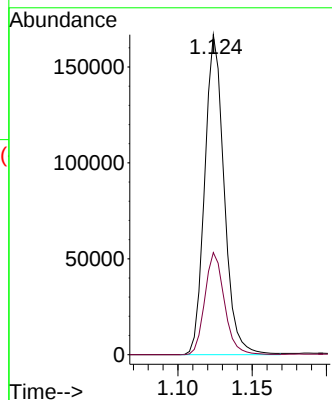
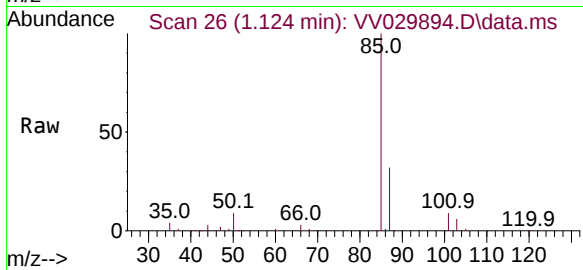
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#2
 Dichlorodifluoromethane
 Concen: 46.338 ug/L
 RT: 1.124 min Scan# 2
 Delta R.T. -0.003 min
 Lab File: VV029894.D
 Acq: 18 Jan 2023 12:46

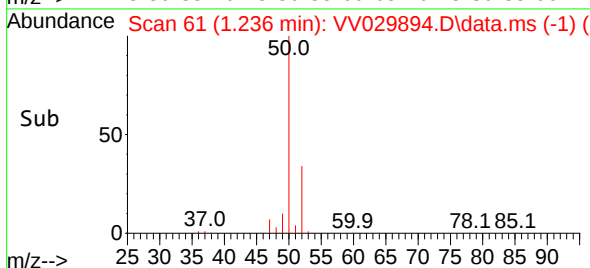
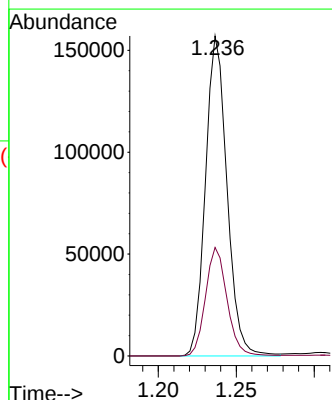
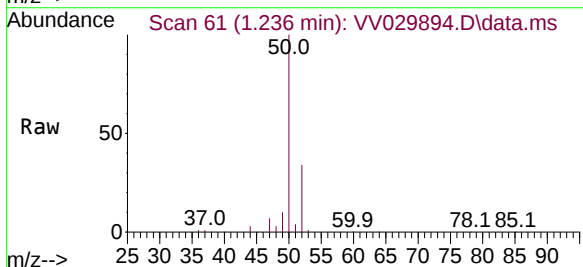
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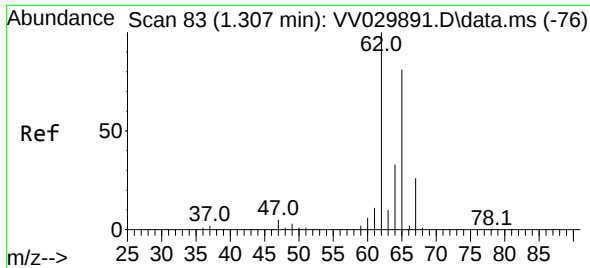
Tgt Ion: 85 Resp: 151384
 Ion Ratio Lower Upper
 85 100
 87 32.1 26.2 39.4



#3
 Chloromethane
 Concen: 45.257 ug/L
 RT: 1.236 min Scan# 61
 Delta R.T. -0.003 min
 Lab File: VV029894.D
 Acq: 18 Jan 2023 12:46

Tgt Ion: 50 Resp: 150525
 Ion Ratio Lower Upper
 50 100
 52 33.9 23.4 43.4

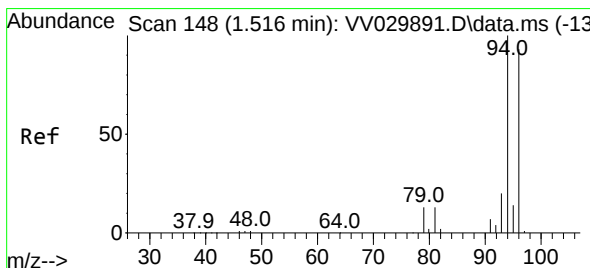
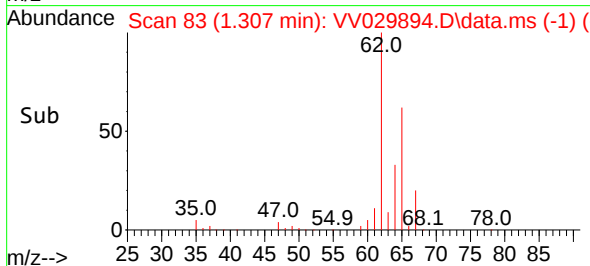
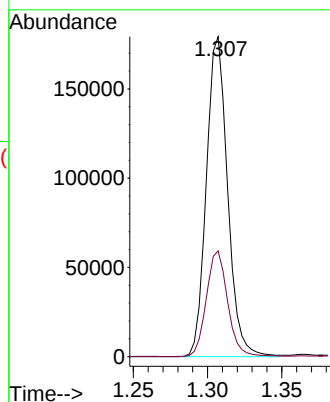
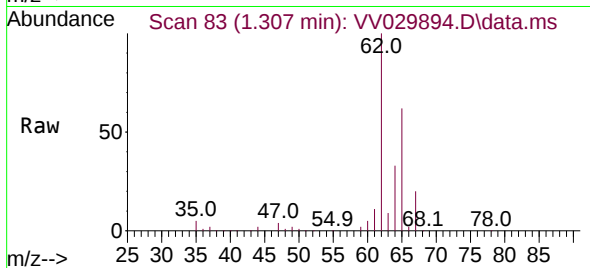




#5
 Vinyl chloride
 Concen: 46.506 ug/L
 RT: 1.307 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: VV029894.D
 Acq: 18 Jan 2023 12:46

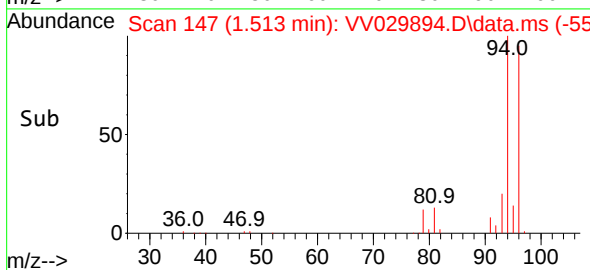
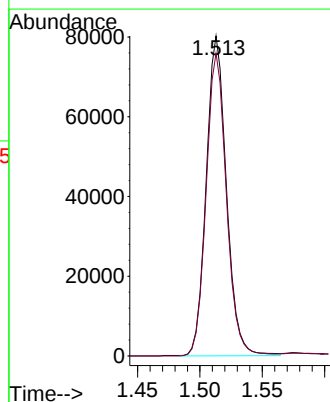
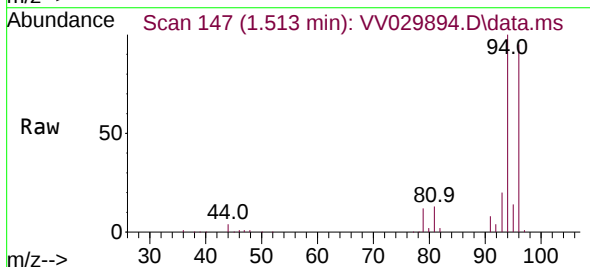
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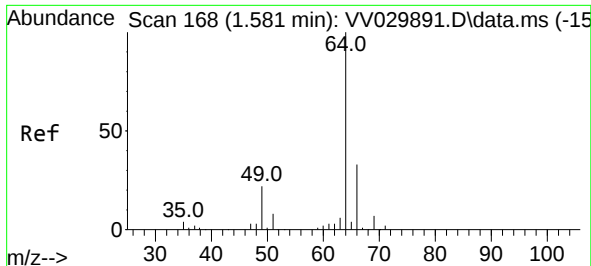
Tgt Ion: 62 Resp: 178008
 Ion Ratio Lower Upper
 62 100
 64 33.1 23.0 42.8



#6
 Bromomethane
 Concen: 55.947 ug/L
 RT: 1.513 min Scan# 147
 Delta R.T. -0.003 min
 Lab File: VV029894.D
 Acq: 18 Jan 2023 12:46

Tgt Ion: 94 Resp: 90893
 Ion Ratio Lower Upper
 94 100
 96 94.6 64.8 120.4

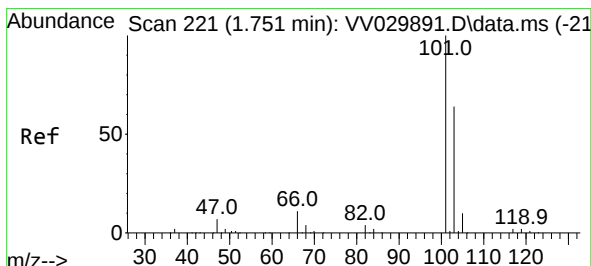
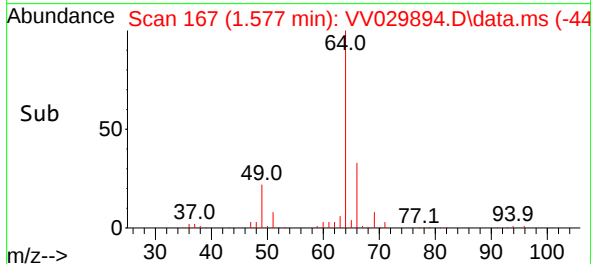
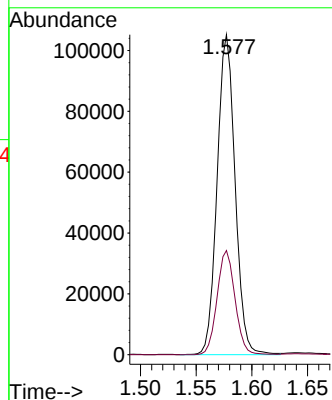
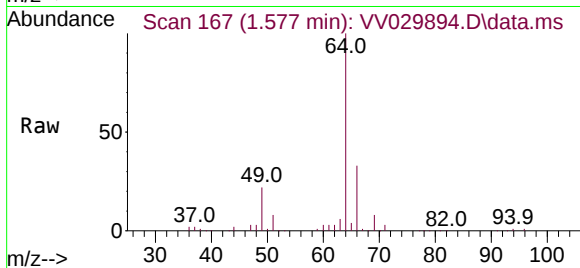




#8
Chloroethane
Concen: 48.242 ug/L
RT: 1.577 min Scan# 11
Delta R.T. -0.003 min
Lab File: VV029894.D
Acq: 18 Jan 2023 12:46

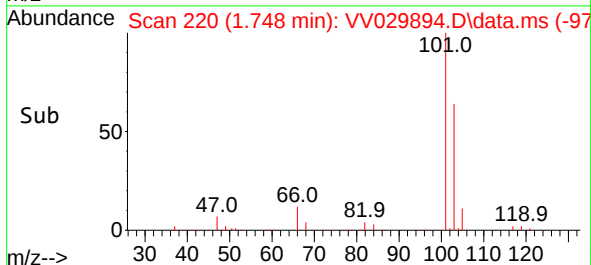
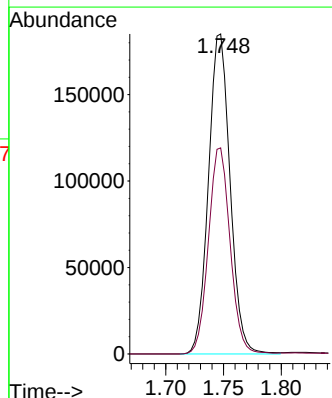
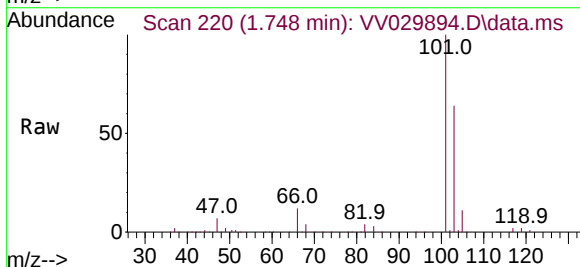
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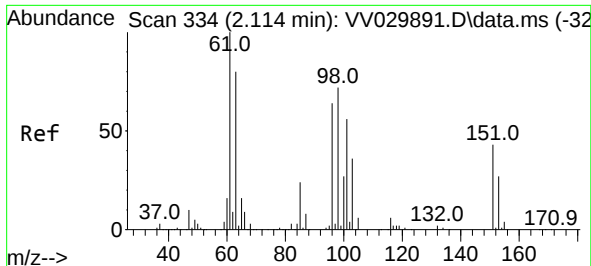
Tgt Ion: 64 Resp: 118019
Ion Ratio Lower Upper
64 100
66 32.5 23.1 42.9



#9
Trichlorofluoromethane
Concen: 46.710 ug/L
RT: 1.748 min Scan# 220
Delta R.T. -0.003 min
Lab File: VV029894.D
Acq: 18 Jan 2023 12:46

Tgt Ion:101 Resp: 241146
Ion Ratio Lower Upper
101 100
103 64.6 51.3 76.9

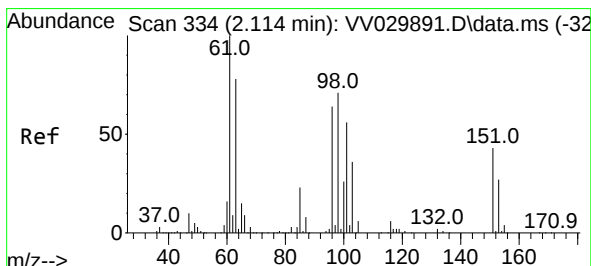
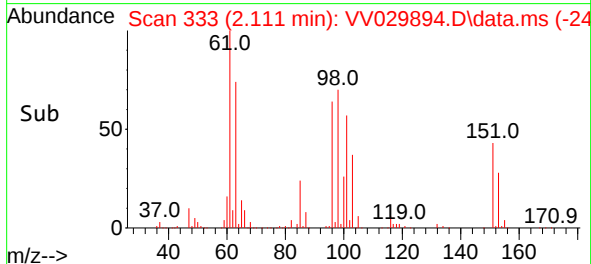
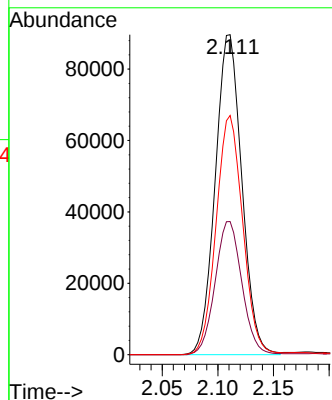
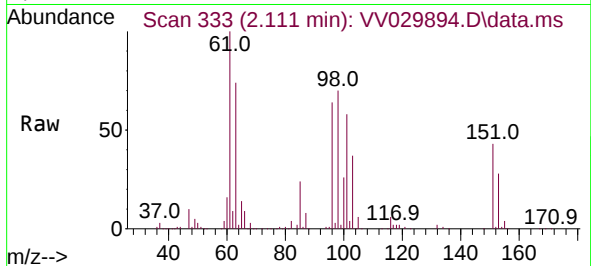




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 46.947 ug/L
 RT: 2.111 min Scan# 333
 Delta R.T. -0.003 min
 Lab File: VV029894.D
 Acq: 18 Jan 2023 12:46

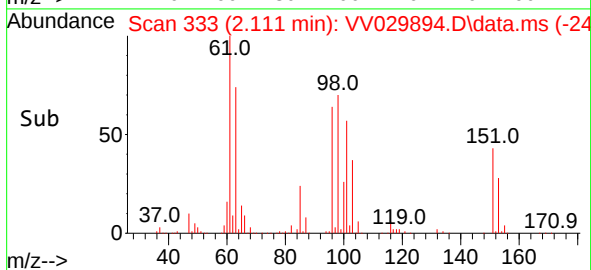
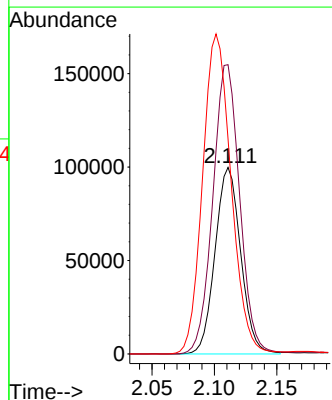
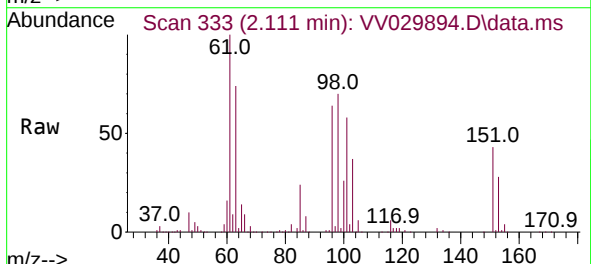
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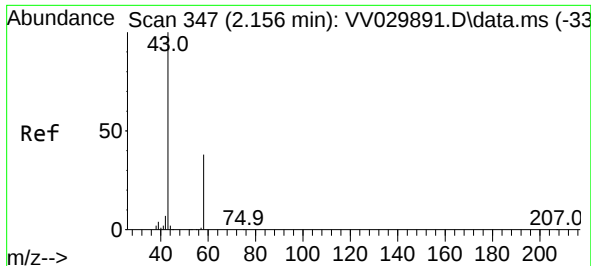
Tgt Ion:101 Resp: 149091
 Ion Ratio Lower Upper
 101 100
 85 41.8 33.7 50.5
 151 74.8 61.0 91.4



#12
 1,1-Dichloroethene
 Concen: 46.601 ug/L
 RT: 2.111 min Scan# 333
 Delta R.T. -0.003 min
 Lab File: VV029894.D
 Acq: 18 Jan 2023 12:46

Tgt Ion: 96 Resp: 142779
 Ion Ratio Lower Upper
 96 100
 61 155.1 110.2 204.6
 63 115.3 88.6 164.6





#13

Acetone

Concen: 83.915 ug/L

RT: 2.153 min Scan# 34

Delta R.T. -0.003 min

Lab File: VV029894.D

Acq: 18 Jan 2023 12:46

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MSVOA_V

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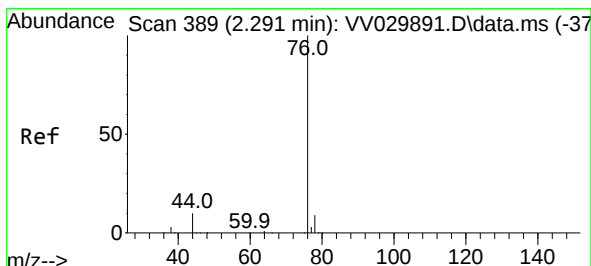
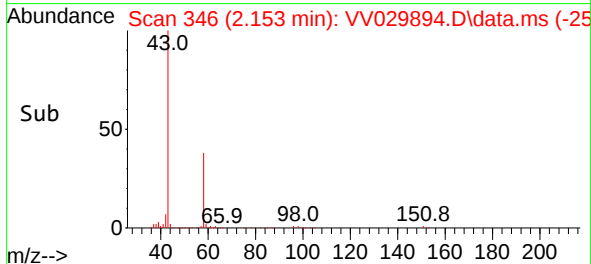
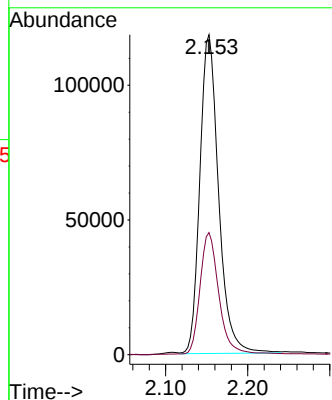
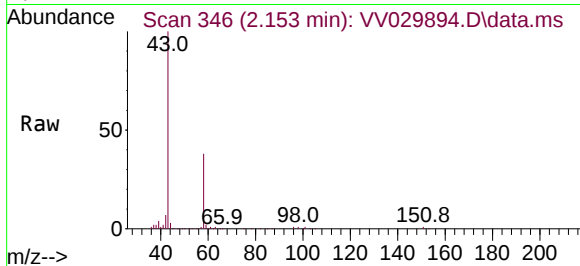
VICV207

Tgt Ion: 43 Resp: 187776

Ion Ratio Lower Upper

43 100

58 38.6 0.0 76.0



#14

Carbon disulfide

Concen: 48.236 ug/L

RT: 2.285 min Scan# 387

Delta R.T. -0.007 min

Lab File: VV029894.D

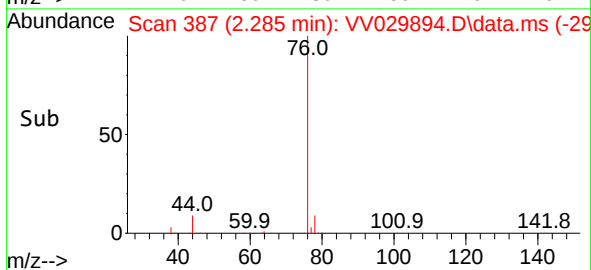
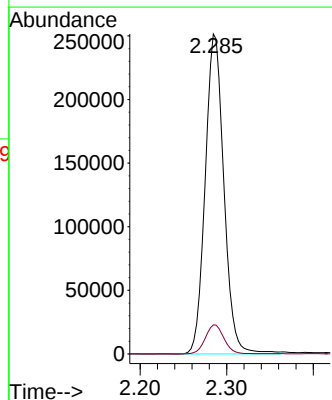
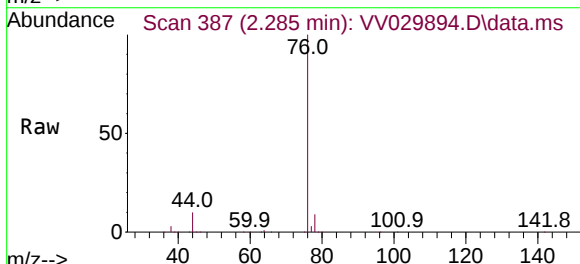
Acq: 18 Jan 2023 12:46

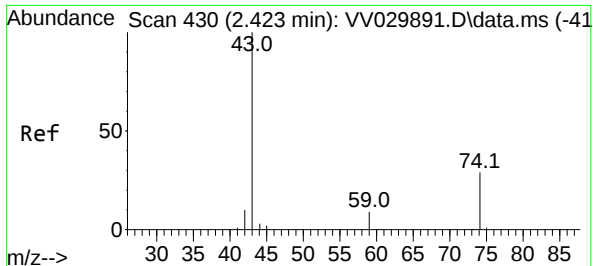
Tgt Ion: 76 Resp: 377216

Ion Ratio Lower Upper

76 100

78 9.1 7.4 11.0

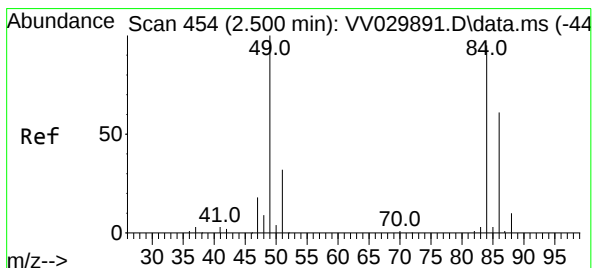
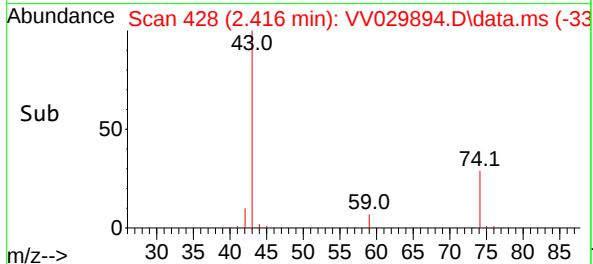
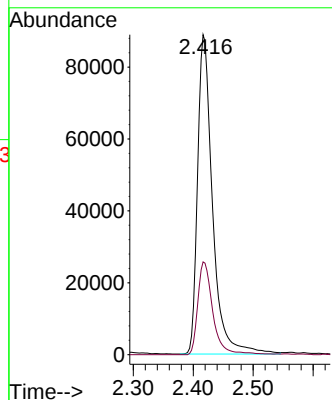
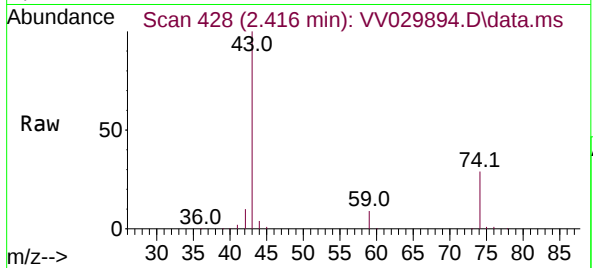




#15
Methyl Acetate
Concen: 53.398 ug/L
RT: 2.416 min Scan# 41
Delta R.T. -0.007 min
Lab File: VV029894.D
Acq: 18 Jan 2023 12:46

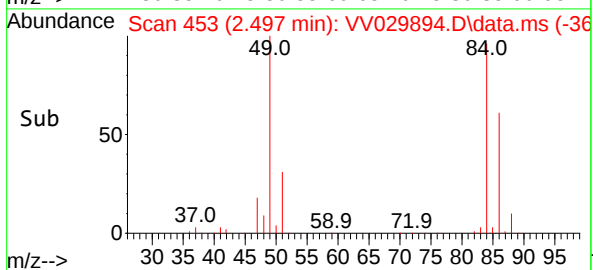
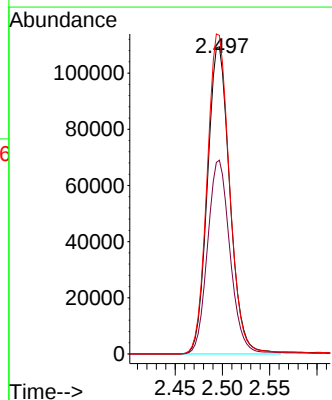
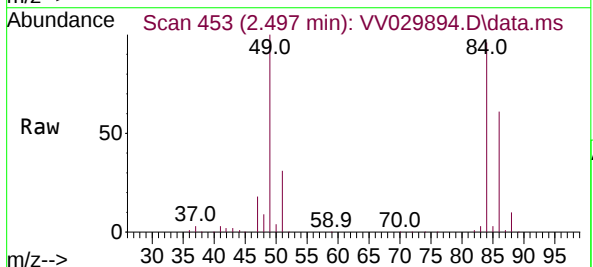
Instrument :
MSVOA_V
ClientSampleId :
VICV207

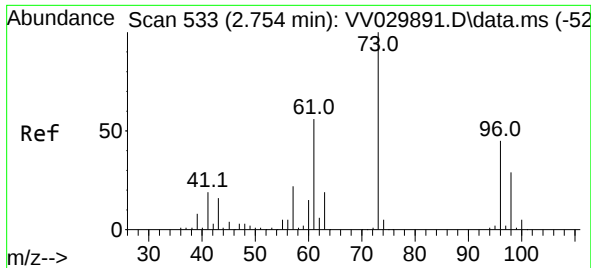
Tgt Ion: 43 Resp: 154562
Ion Ratio Lower Upper
43 100
74 28.3 23.3 34.9



#16
Methylene chloride
Concen: 49.449 ug/L
RT: 2.497 min Scan# 453
Delta R.T. -0.003 min
Lab File: VV029894.D
Acq: 18 Jan 2023 12:46

Tgt Ion: 84 Resp: 180755
Ion Ratio Lower Upper
84 100
86 63.1 45.3 84.1
49 103.7 74.1 137.5

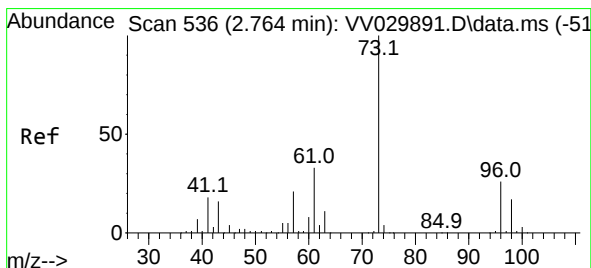
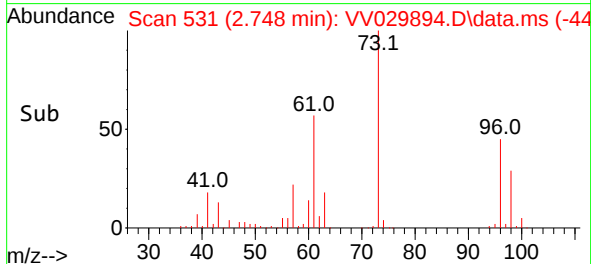
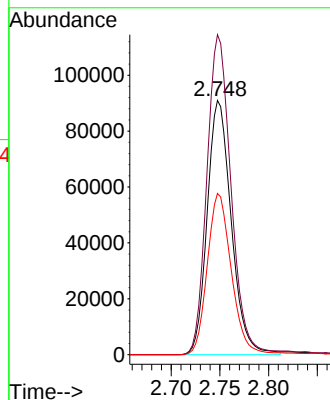
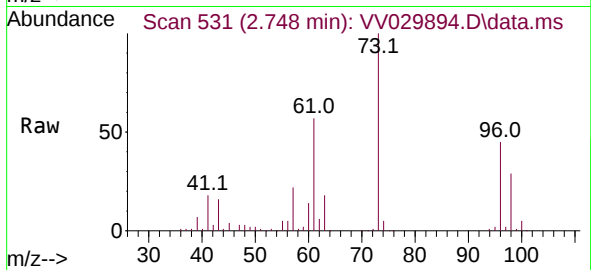




#17
trans-1,2-Dichloroethene
Concen: 48.711 ug/L
RT: 2.748 min Scan# 51
Delta R.T. -0.007 min
Lab File: VV029894.D
Acq: 18 Jan 2023 12:46

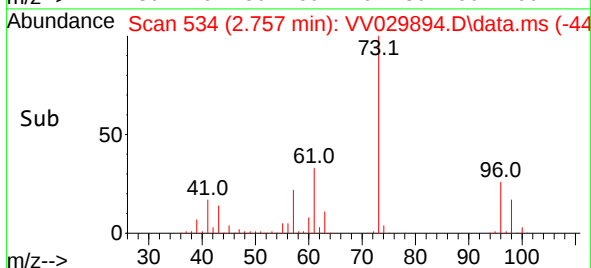
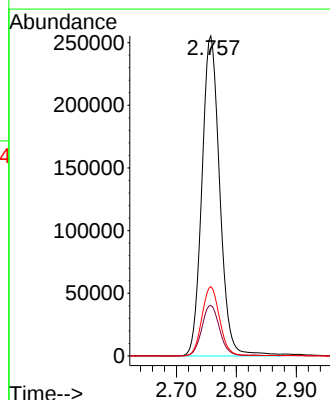
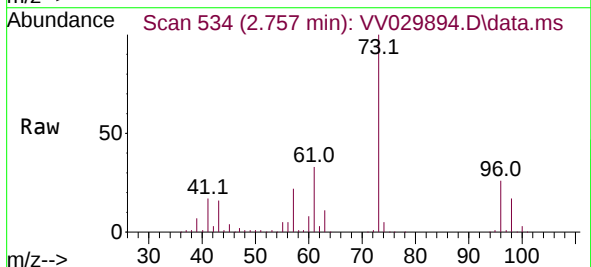
Instrument :
MSVOA_V
ClientSampleId :
VICV207

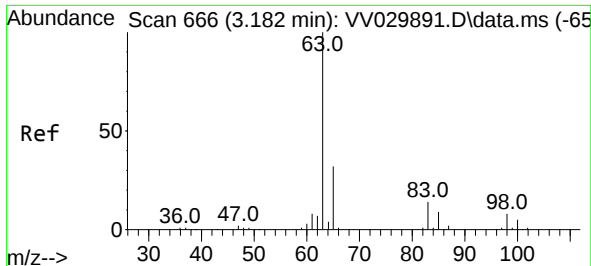
Tgt Ion: 96 Resp: 156508
Ion Ratio Lower Upper
96 100
61 125.9 86.9 161.5
98 63.5 44.7 83.1



#18
Methyl tert-butyl Ether
Concen: 52.735 ug/L
RT: 2.757 min Scan# 534
Delta R.T. -0.007 min
Lab File: VV029894.D
Acq: 18 Jan 2023 12:46

Tgt Ion: 73 Resp: 529770
Ion Ratio Lower Upper
73 100
43 15.6 12.8 19.2
57 21.4 17.1 25.7





#19

1,1-Dichloroethane

Concen: 48.502 ug/L

RT: 3.175 min Scan# 6

Delta R.T. -0.007 min

Lab File: VV029894.D

Acq: 18 Jan 2023 12:46

Instrument :

MSVOA_V

ClientSampleId :

VICV207

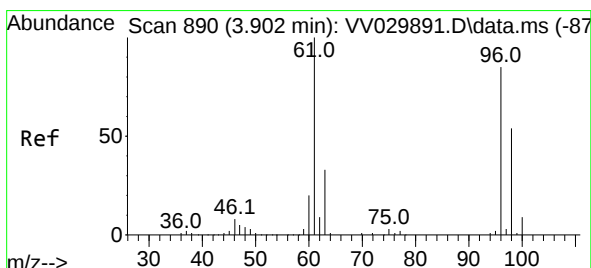
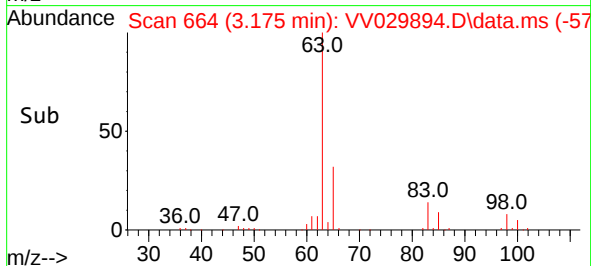
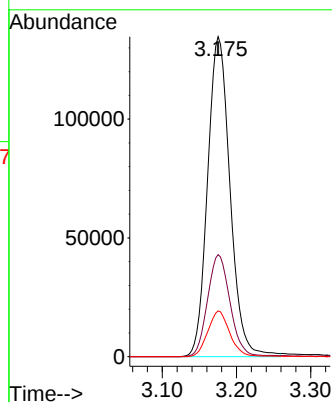
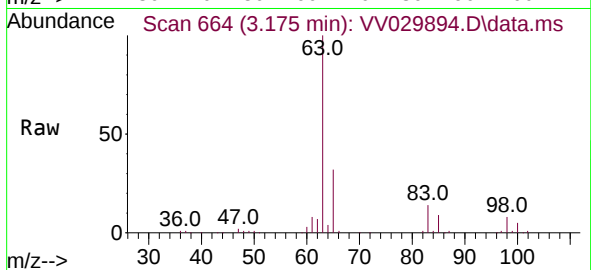
Tgt Ion: 63 Resp: 283295

Ion Ratio Lower Upper

63 100

65 31.9 22.3 41.3

83 14.3 9.6 17.8



#20

cis-1,2-Dichloroethene

Concen: 49.704 ug/L

RT: 3.895 min Scan# 888

Delta R.T. -0.007 min

Lab File: VV029894.D

Acq: 18 Jan 2023 12:46

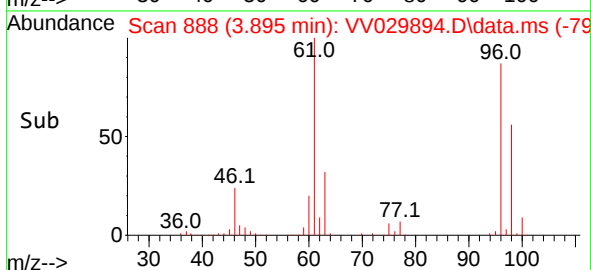
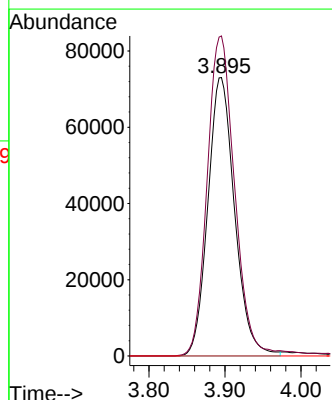
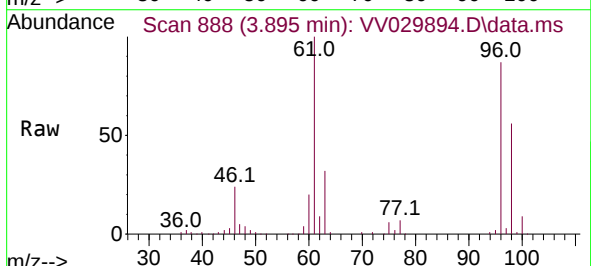
Tgt Ion: 96 Resp: 178768

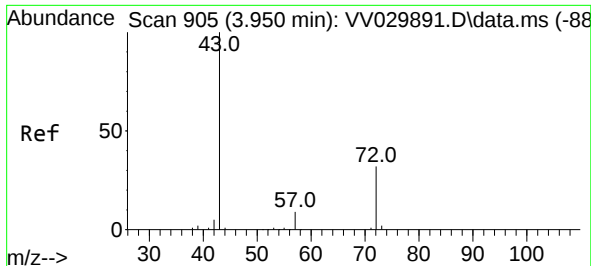
Ion Ratio Lower Upper

96 100

61 115.0 82.5 153.3

68 0.0 0.0 0.0

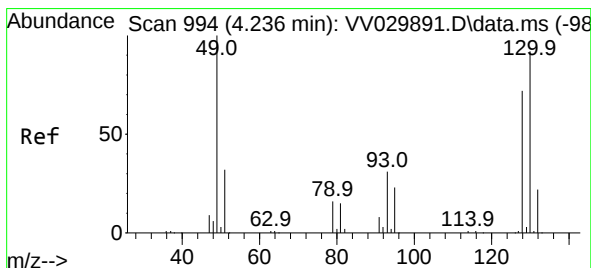
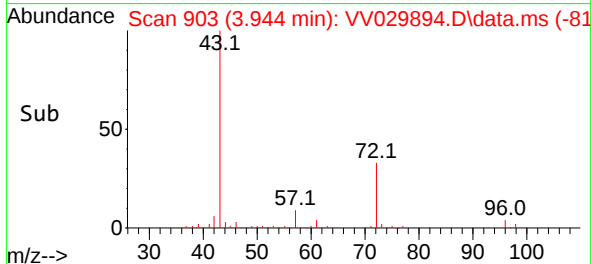
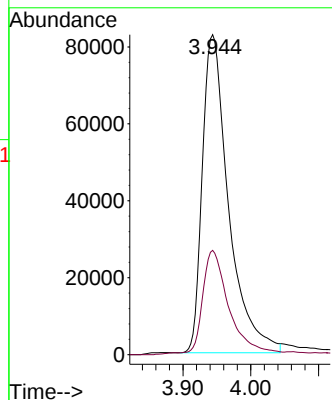
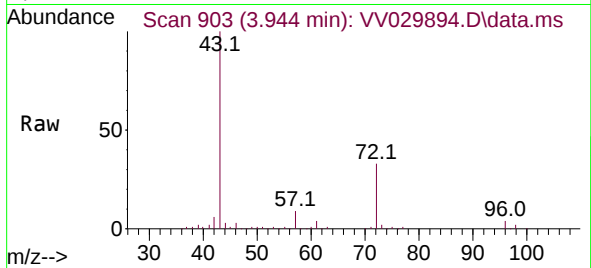




#22
2-Butanone
Concen: 96.300 ug/L
RT: 3.944 min Scan# 905
Delta R.T. -0.007 min
Lab File: VV029894.D
Acq: 18 Jan 2023 12:46

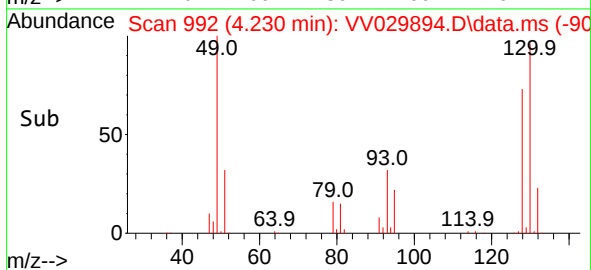
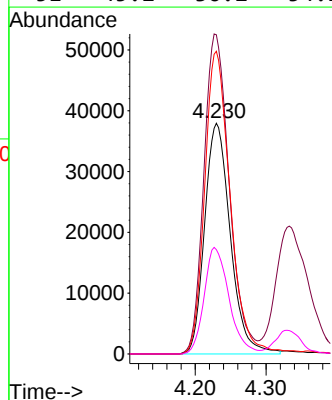
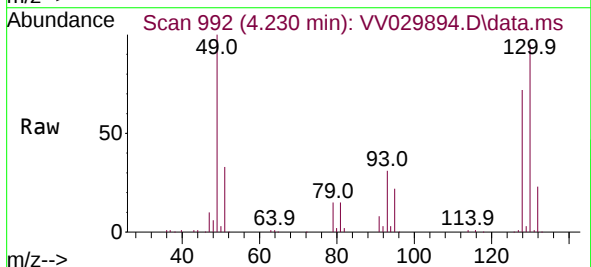
Instrument :
MSVOA_V
ClientSampleId :
VICV207

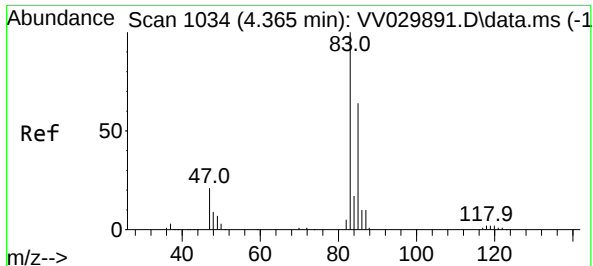
Tgt Ion: 43 Resp: 222899
Ion Ratio Lower Upper
43 100
72 31.4 15.4 46.4



#23
Bromochloromethane
Concen: 50.693 ug/L
RT: 4.230 min Scan# 992
Delta R.T. -0.007 min
Lab File: VV029894.D
Acq: 18 Jan 2023 12:46

Tgt Ion:128 Resp: 95434
Ion Ratio Lower Upper
128 100
49 138.4 97.3 180.7
130 131.2 89.7 166.5
51 45.2 36.2 54.2





#25

Chloroform

Concen: 49.305 ug/L

RT: 4.358 min Scan# 1034

Delta R.T. -0.007 min

Lab File: VV029894.D

Acq: 18 Jan 2023 12:46

Instrument :

MSVOA_V

ClientSampleId :

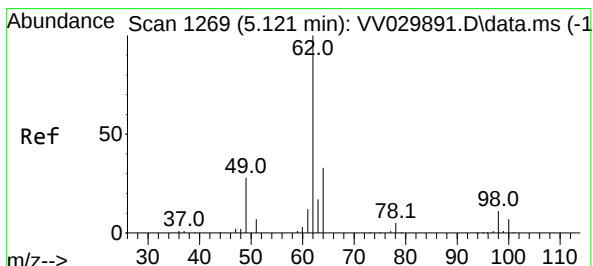
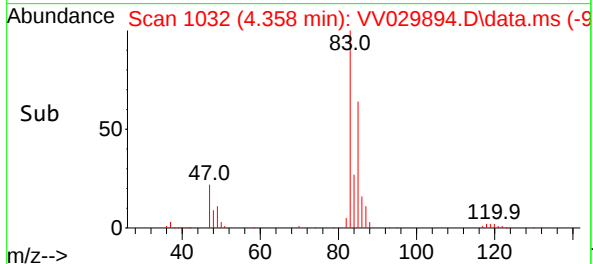
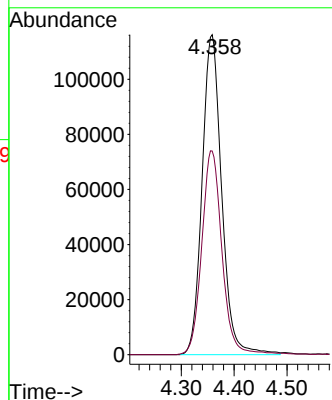
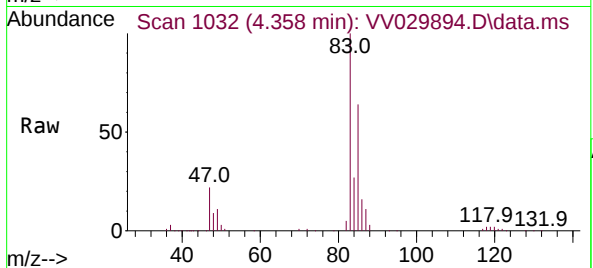
VICV207

Tgt Ion: 83 Resp: 299175

Ion Ratio Lower Upper

83 100

85 63.6 44.8 83.2



#27

1,2-Dichloroethane

Concen: 50.097 ug/L

RT: 5.114 min Scan# 1267

Delta R.T. -0.007 min

Lab File: VV029894.D

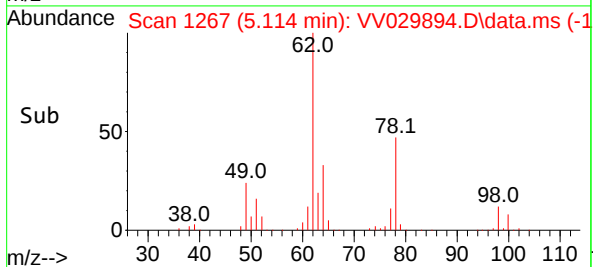
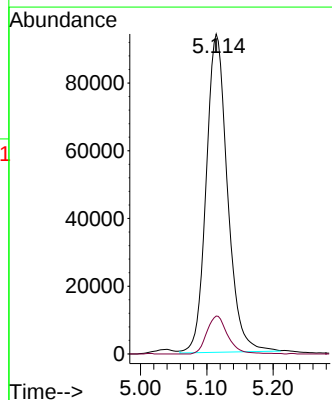
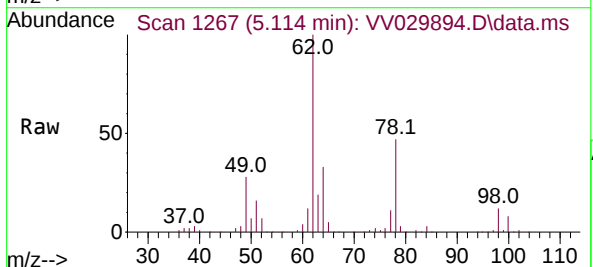
Acq: 18 Jan 2023 12:46

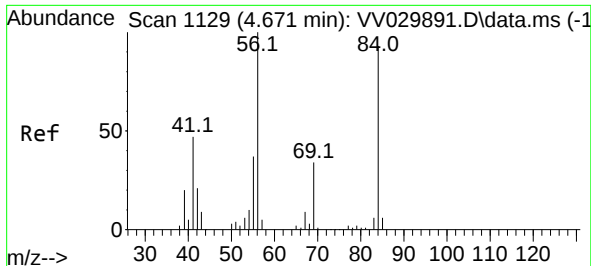
Tgt Ion: 62 Resp: 209882

Ion Ratio Lower Upper

62 100

98 11.8 9.0 13.4





#29

Cyclohexane

Concen: 51.244 ug/L

RT: 4.661 min Scan# 1126

Delta R.T. -0.010 min

Lab File: VV029894.D

Acq: 18 Jan 2023 12:46

Instrument :

MSVOA_V

ClientSampleId :

VICV207

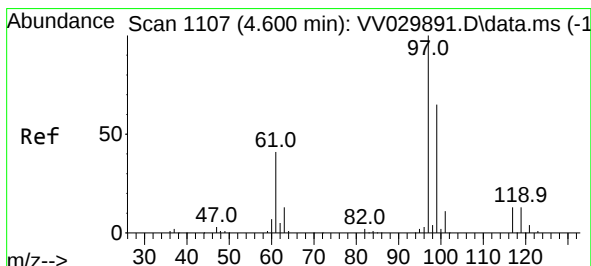
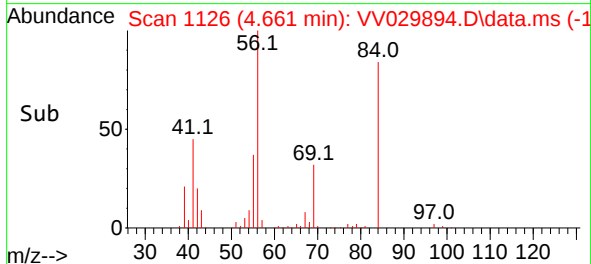
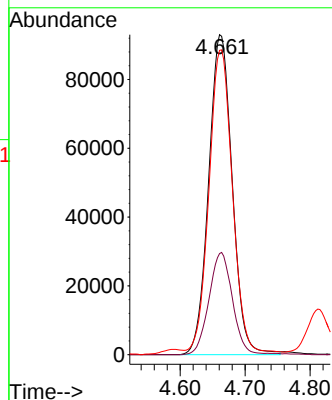
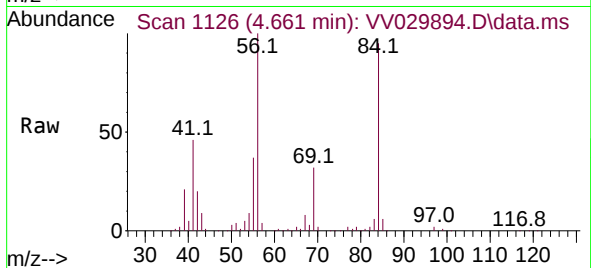
Tgt Ion: 56 Resp: 234538

Ion Ratio Lower Upper

56 100

69 31.7 26.2 39.4

84 93.0 74.7 112.1



#30

1,1,1-Trichloroethane

Concen: 48.905 ug/L

RT: 4.593 min Scan# 1105

Delta R.T. -0.007 min

Lab File: VV029894.D

Acq: 18 Jan 2023 12:46

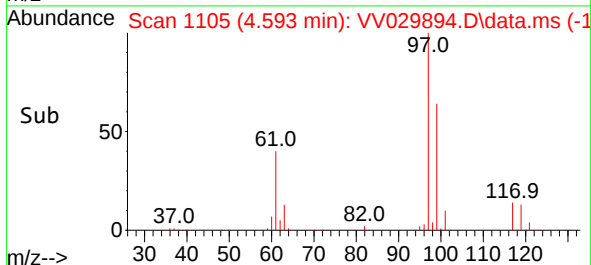
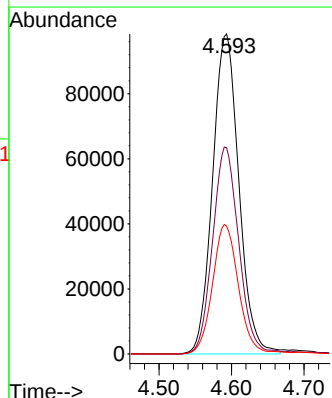
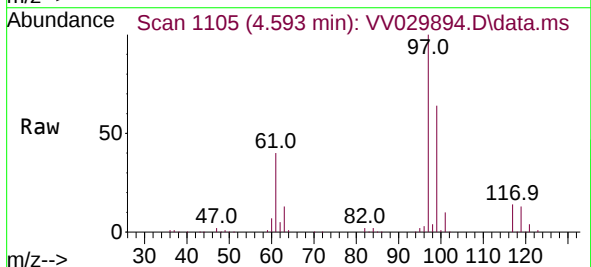
Tgt Ion: 97 Resp: 247856

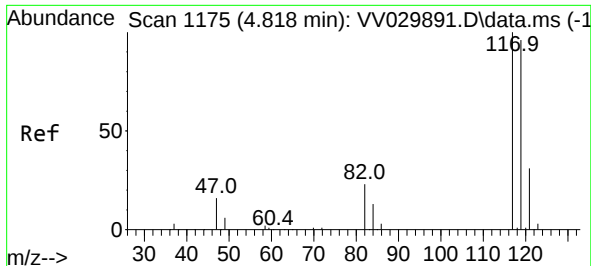
Ion Ratio Lower Upper

97 100

99 64.5 51.9 77.9

61 39.6 32.2 48.2

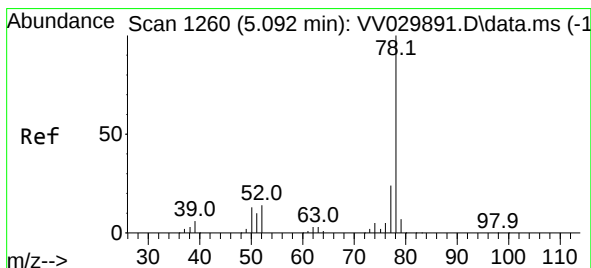
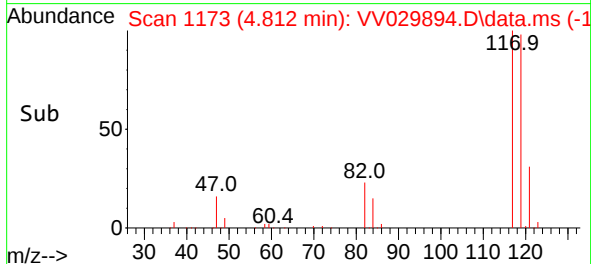
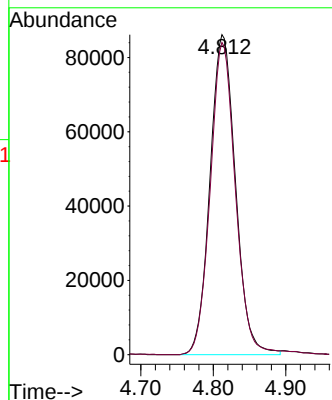
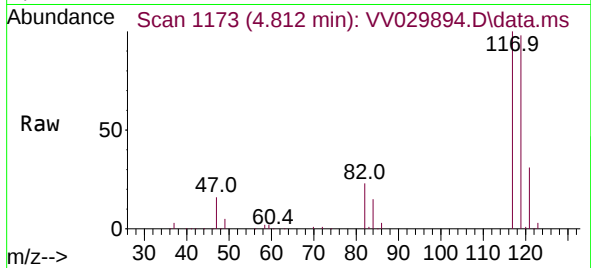




#31
Carbon tetrachloride
Concen: 48.929 ug/L
RT: 4.812 min Scan# 1175
Delta R.T. -0.007 min
Lab File: VV029894.D
Acq: 18 Jan 2023 12:46

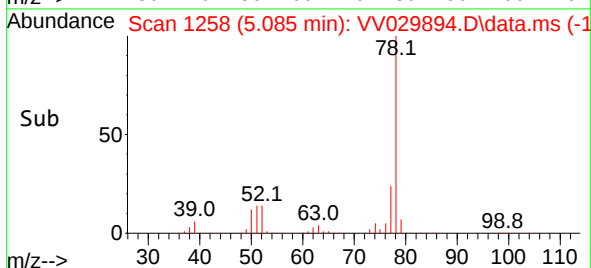
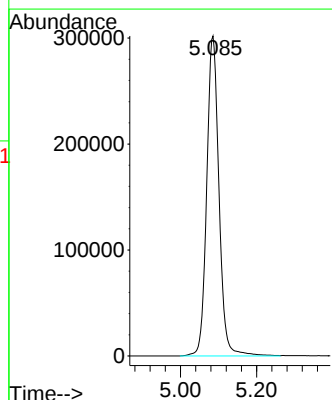
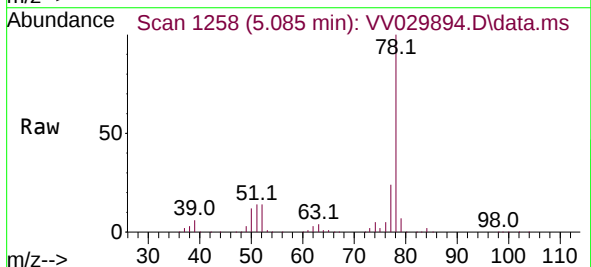
Instrument :
MSVOA_V
ClientSampleId :
VICV207

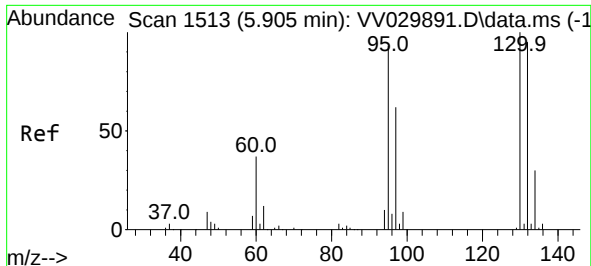
Tgt Ion:117 Resp: 210317
Ion Ratio Lower Upper
117 100
119 96.3 77.9 116.9



#33
Benzene
Concen: 51.540 ug/L
RT: 5.085 min Scan# 1258
Delta R.T. -0.007 min
Lab File: VV029894.D
Acq: 18 Jan 2023 12:46

Tgt Ion: 78 Resp: 675809

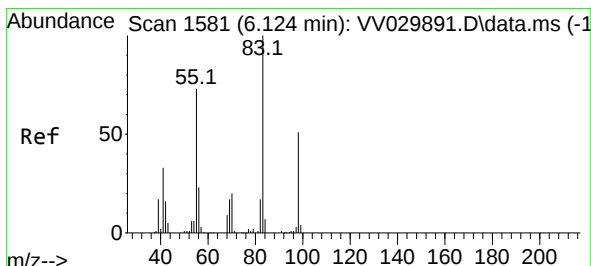
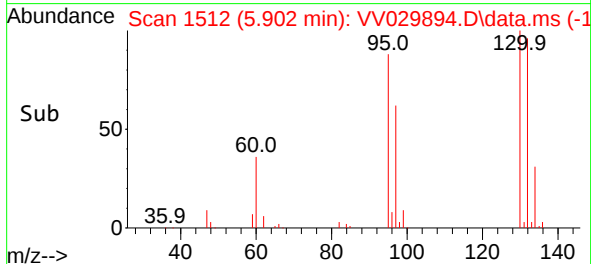
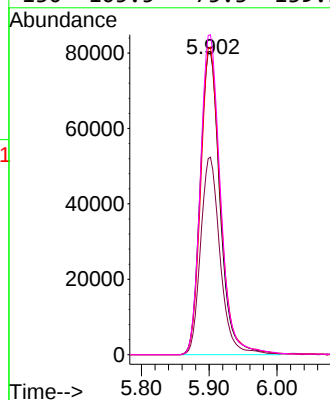
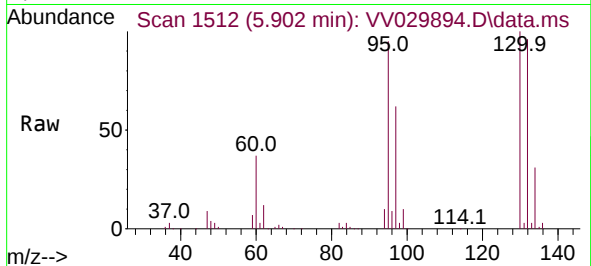




#34
Trichloroethene
Concen: 49.638 ug/L
RT: 5.902 min Scan# 11
Delta R.T. -0.003 min
Lab File: VV029894.D
Acq: 18 Jan 2023 12:46

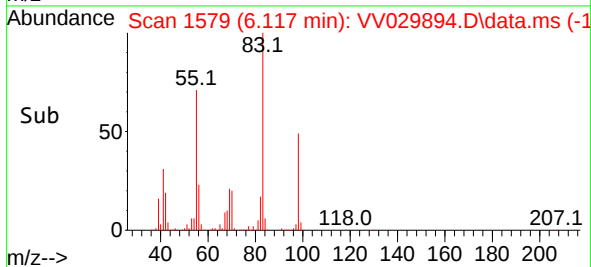
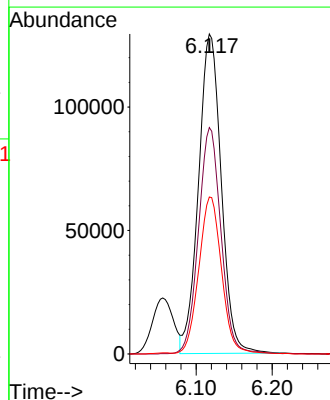
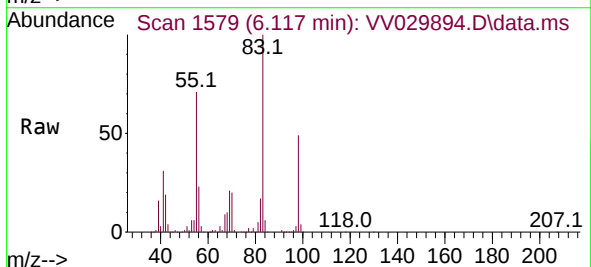
Instrument :
MSVOA_V
ClientSampleId :
VICV207

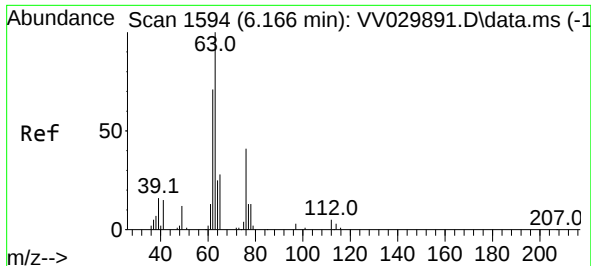
Tgt Ion: 95 Resp: 163867
Ion Ratio Lower Upper
95 100
97 65.1 46.5 86.5
132 101.5 71.8 133.4
130 105.5 75.3 139.9



#35
Methylcyclohexane
Concen: 50.454 ug/L
RT: 6.117 min Scan# 1579
Delta R.T. -0.007 min
Lab File: VV029894.D
Acq: 18 Jan 2023 12:46

Tgt Ion: 83 Resp: 269064
Ion Ratio Lower Upper
83 100
55 70.2 56.2 84.2
98 48.9 38.5 57.7





#37

1,2-Dichloropropane

Concen: 50.029 ug/L

RT: 6.159 min Scan# 1592

Delta R.T. -0.007 min

Lab File: VV029894.D

Acq: 18 Jan 2023 12:46

Instrument :

MSVOA_V

ClientSampleId :

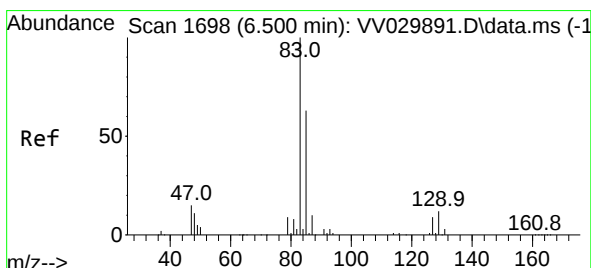
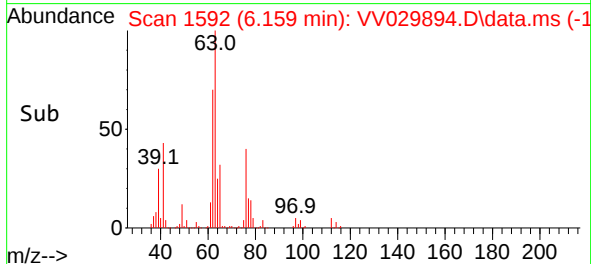
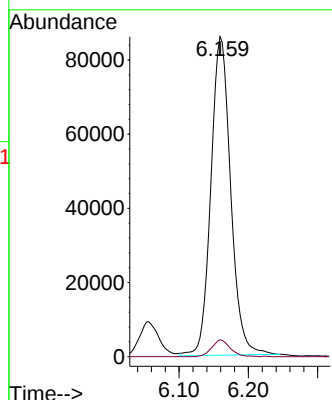
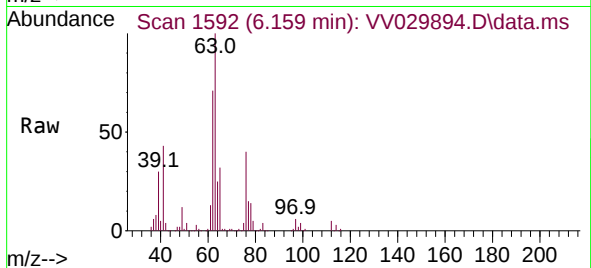
VICV207

Tgt Ion: 63 Resp: 170443

Ion Ratio Lower Upper

63 100

112 4.9 3.8 5.6



#38

Bromodichloromethane

Concen: 50.899 ug/L

RT: 6.497 min Scan# 1697

Delta R.T. -0.003 min

Lab File: VV029894.D

Acq: 18 Jan 2023 12:46

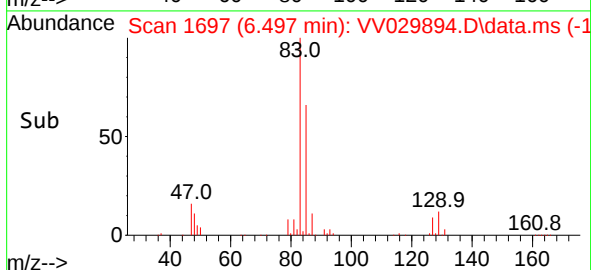
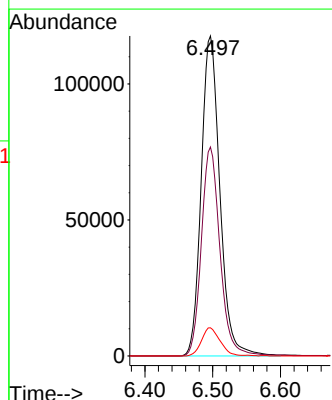
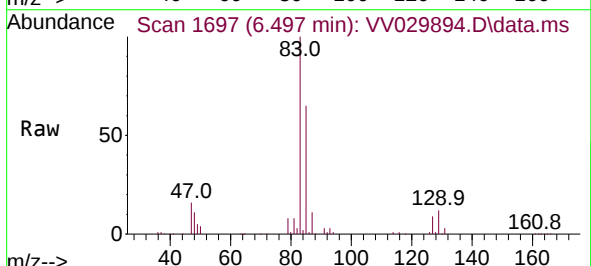
Tgt Ion: 83 Resp: 225265

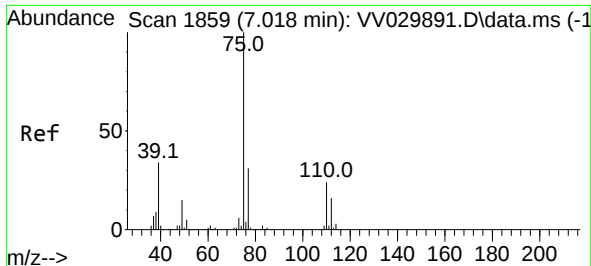
Ion Ratio Lower Upper

83 100

85 65.3 44.2 82.0

127 8.8 6.9 10.3





#39

cis-1,3-Dichloropropene

Concen: 53.387 ug/L

RT: 7.014 min Scan# 11

Delta R.T. -0.003 min

Lab File: VV029894.D

Acq: 18 Jan 2023 12:46

Instrument :

MSVOA_V

ClientSampleId :

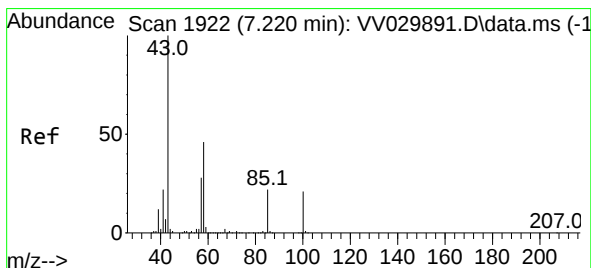
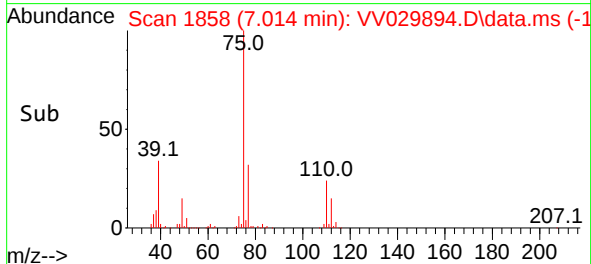
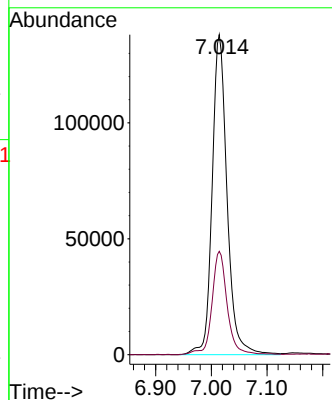
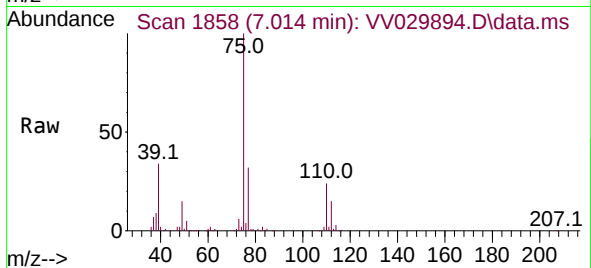
VICV207

Tgt Ion: 75 Resp: 257051

Ion Ratio Lower Upper

75 100

77 32.3 21.8 40.4



#40

4-Methyl-2-pentanone

Concen: 109.387 ug/L

RT: 7.217 min Scan# 1921

Delta R.T. -0.003 min

Lab File: VV029894.D

Acq: 18 Jan 2023 12:46

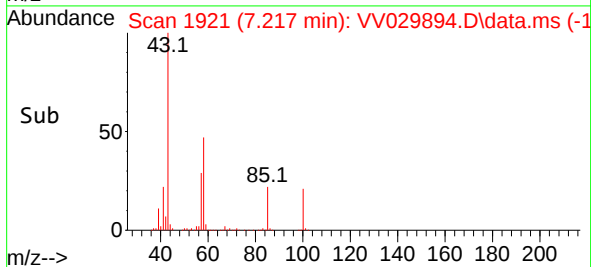
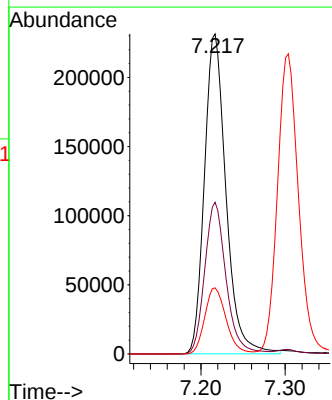
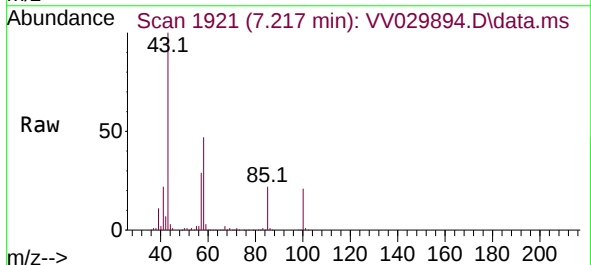
Tgt Ion: 43 Resp: 412356

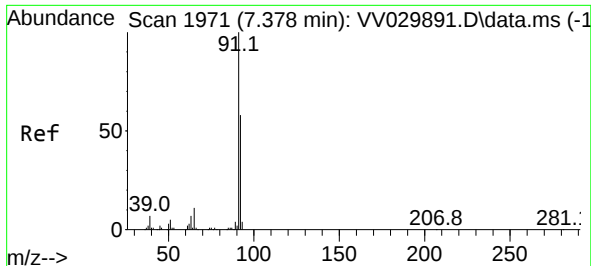
Ion Ratio Lower Upper

43 100

58 46.9 37.0 55.6

100 20.5 16.2 24.2





#42

Toluene

Concen: 51.137 ug/L

RT: 7.374 min Scan# 1970

Delta R.T. -0.003 min

Lab File: VV029894.D

Acq: 18 Jan 2023 12:46

Instrument :

MSVOA_V

ClientSampleId :

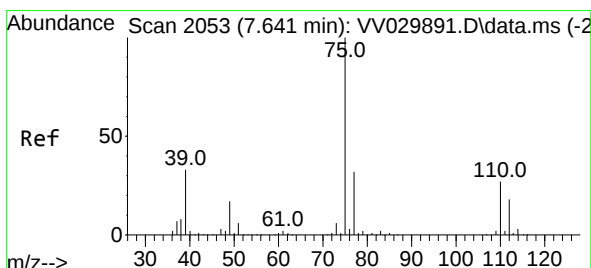
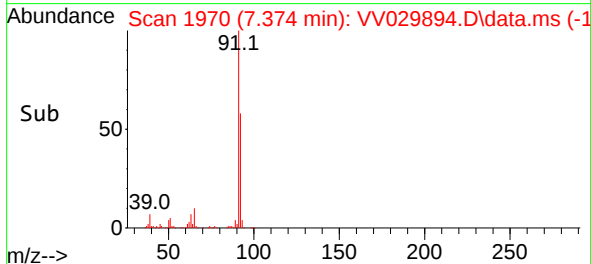
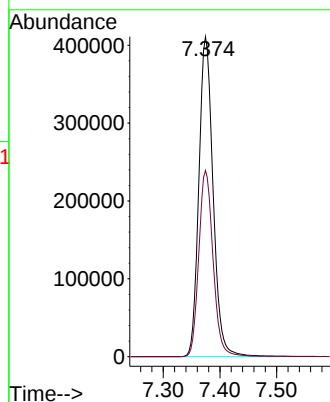
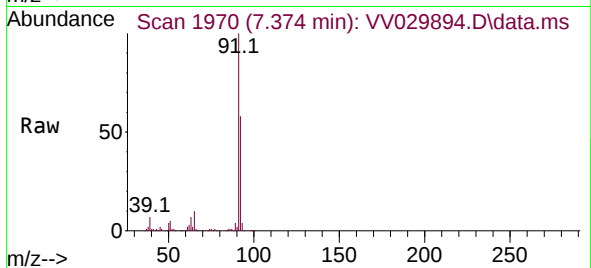
VICV207

Tgt Ion: 91 Resp: 715974

Ion Ratio Lower Upper

91 100

92 58.2 40.9 75.9



#44

trans-1,3-Dichloropropene

Concen: 54.084 ug/L

RT: 7.638 min Scan# 2052

Delta R.T. -0.003 min

Lab File: VV029894.D

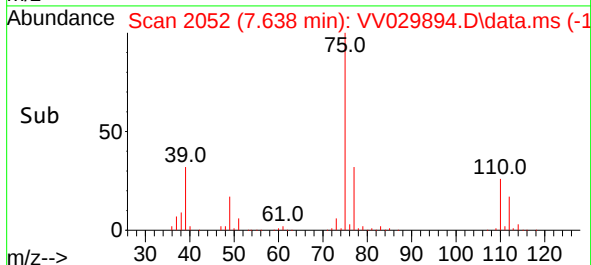
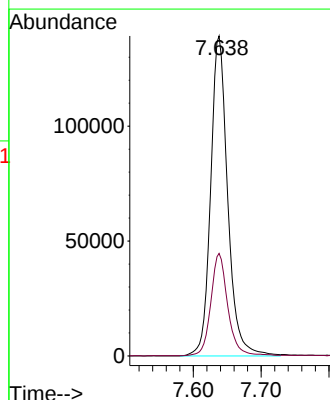
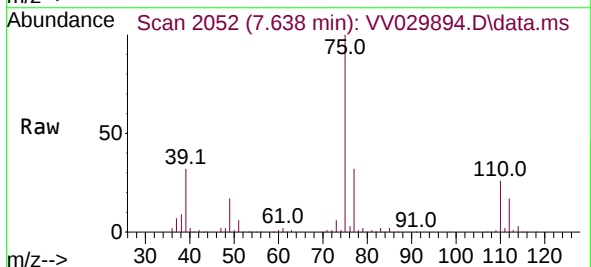
Acq: 18 Jan 2023 12:46

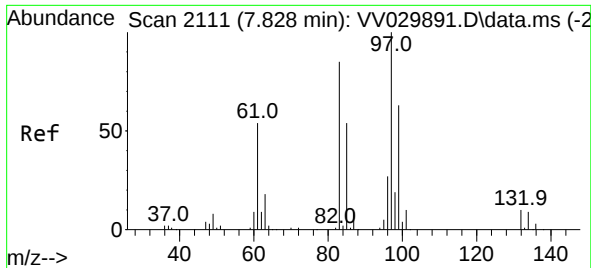
Tgt Ion: 75 Resp: 243603

Ion Ratio Lower Upper

75 100

77 32.1 22.4 41.6





#45

1,1,2-Trichloroethane

Concen: 52.090 ug/L

RT: 7.825 min Scan# 2111

Delta R.T. -0.003 min

Lab File: VV029894.D

Acq: 18 Jan 2023 12:46

Instrument :

MSVOA_V

ClientSampleId :

VICV207

Tgt Ion: 97 Resp: 179513

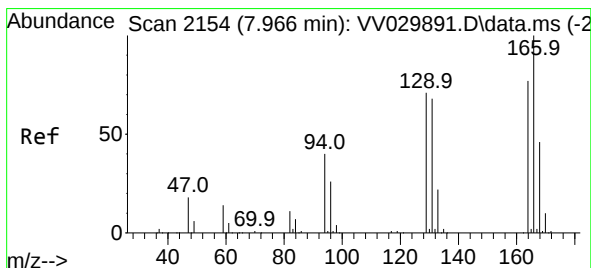
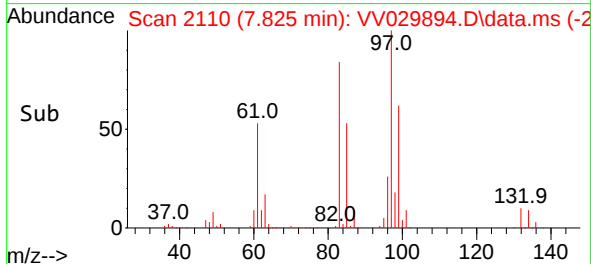
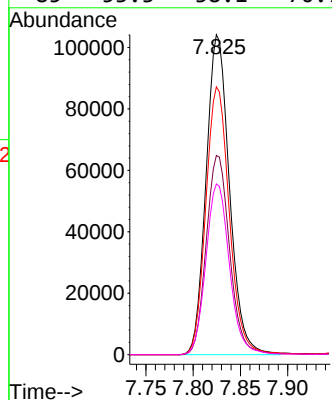
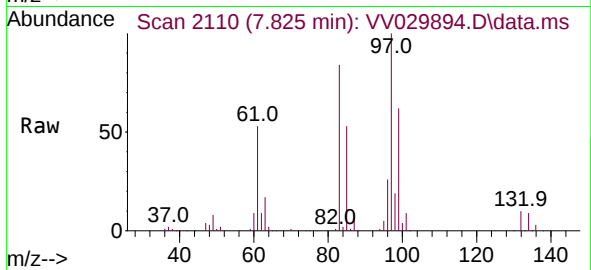
Ion Ratio Lower Upper

97 100

99 62.3 43.9 81.5

83 83.7 59.5 110.5

85 53.3 38.1 70.7



#46

Tetrachloroethene

Concen: 48.887 ug/L

RT: 7.963 min Scan# 2153

Delta R.T. -0.003 min

Lab File: VV029894.D

Acq: 18 Jan 2023 12:46

Tgt Ion: 164 Resp: 133128

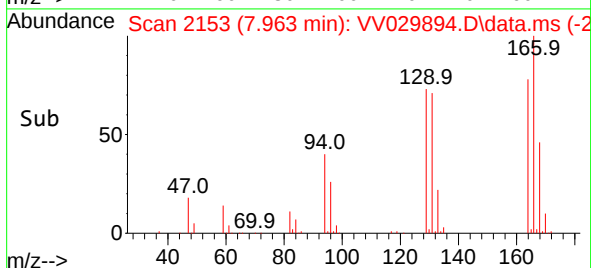
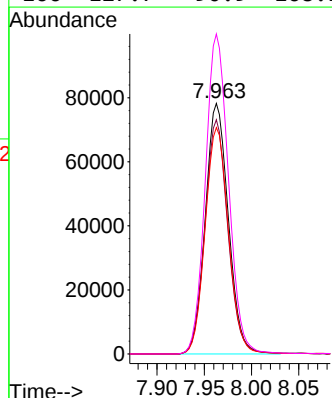
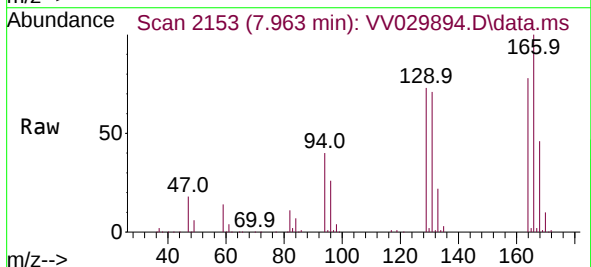
Ion Ratio Lower Upper

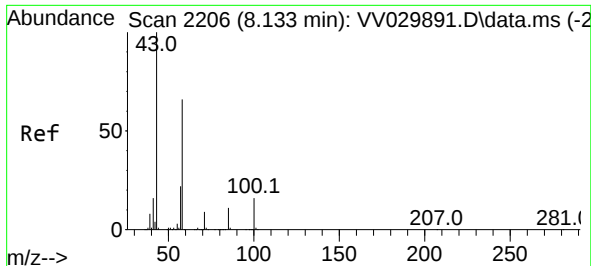
164 100

129 93.5 64.6 120.0

131 90.3 61.8 114.8

166 127.7 90.9 168.9



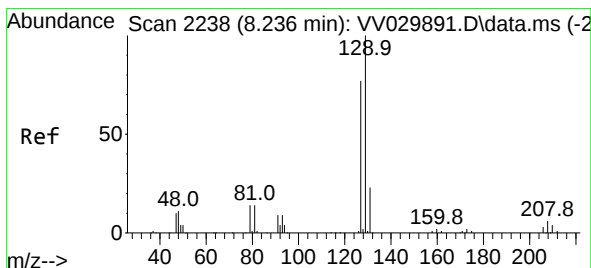
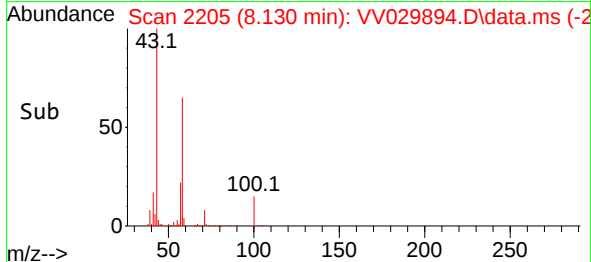
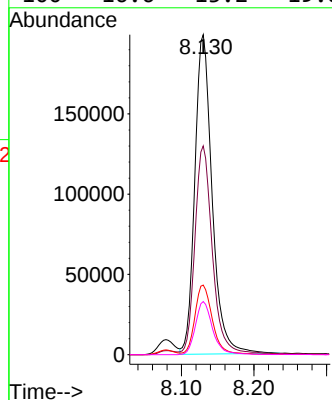
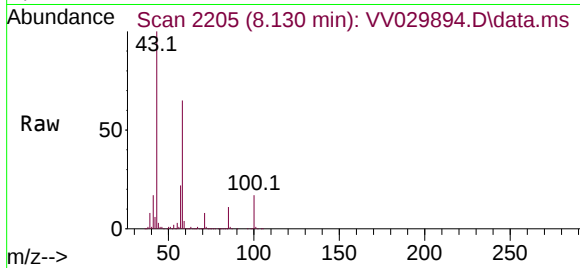


#48
2-Hexanone
Concen: 106.885 ug/L
RT: 8.130 min Scan# 21
Delta R.T. -0.003 min
Lab File: VV029894.D
Acq: 18 Jan 2023 12:46

Instrument :
MSVOA_V
ClientSampleId :
VICV207

Tgt Ion: 43 Resp: 330457

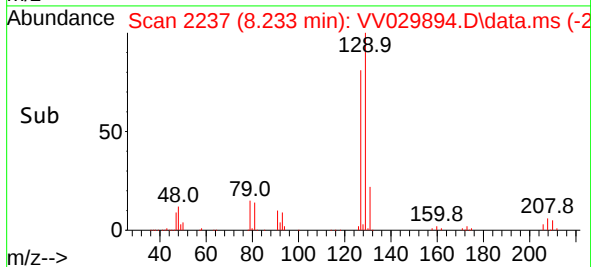
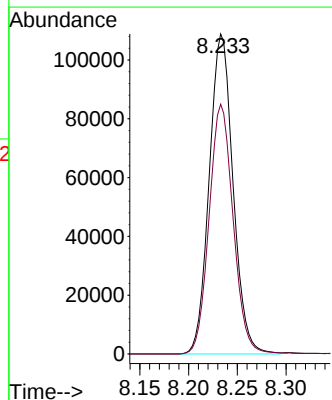
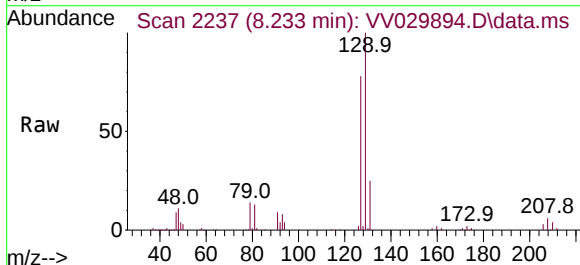
Ion	Ratio	Lower	Upper
43	100		
58	65.4	53.2	79.8
57	21.8	17.6	26.4
100	16.6	13.2	19.8

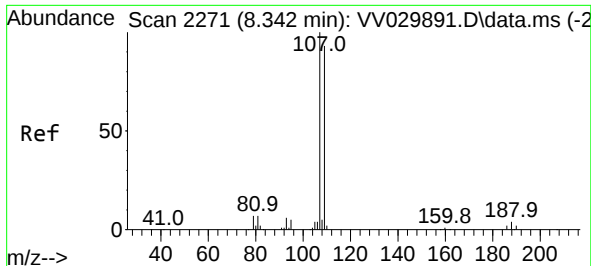


#49
Dibromochloromethane
Concen: 51.642 ug/L
RT: 8.233 min Scan# 2237
Delta R.T. -0.003 min
Lab File: VV029894.D
Acq: 18 Jan 2023 12:46

Tgt Ion: 129 Resp: 185242

Ion	Ratio	Lower	Upper
129	100		
127	78.0	53.5	99.5





#50

1,2-Dibromoethane

Concen: 51.722 ug/L

RT: 8.339 min Scan# 21

Delta R.T. -0.003 min

Lab File: VV029894.D

Acq: 18 Jan 2023 12:46

Instrument :

MSVOA_V

ClientSampleId :

VICV207

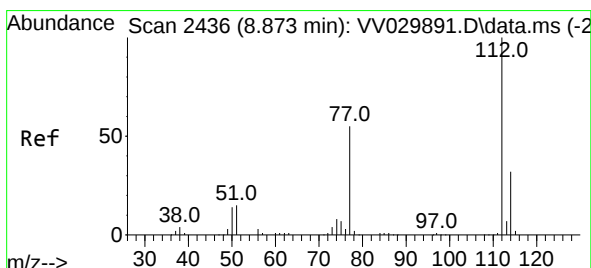
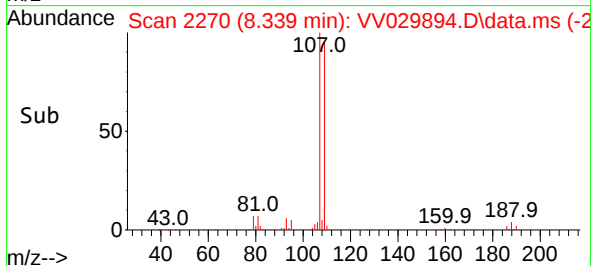
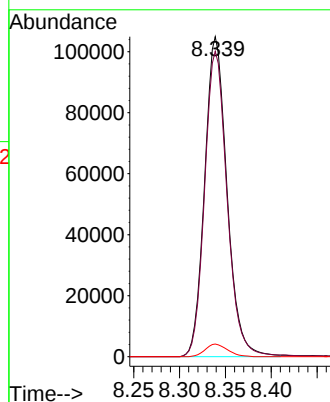
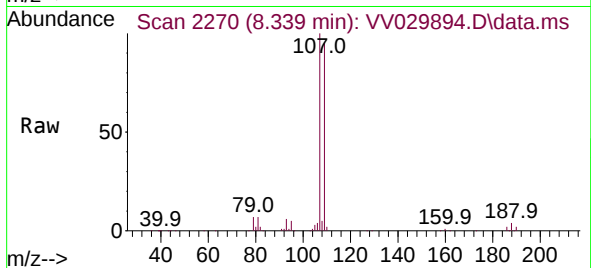
Tgt Ion:107 Resp: 178495

Ion Ratio Lower Upper

107 100

109 95.5 65.5 121.6

188 3.9 3.4 5.0



#51

Chlorobenzene

Concen: 49.395 ug/L

RT: 8.869 min Scan# 2435

Delta R.T. -0.003 min

Lab File: VV029894.D

Acq: 18 Jan 2023 12:46

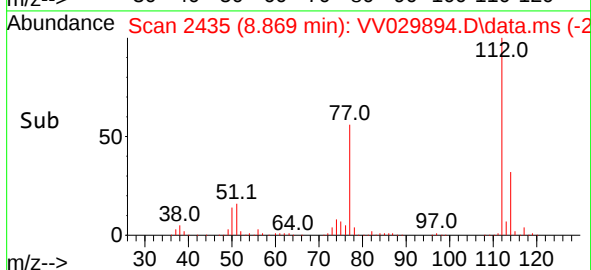
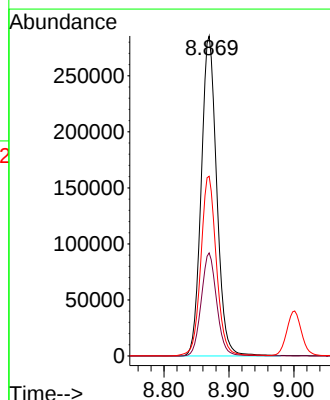
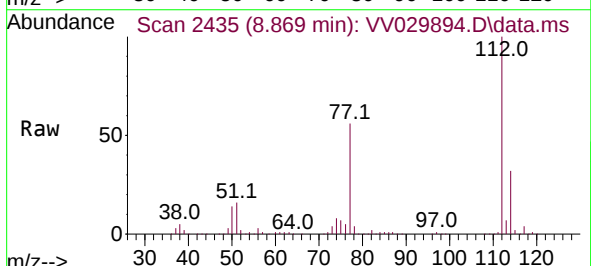
Tgt Ion:112 Resp: 475242

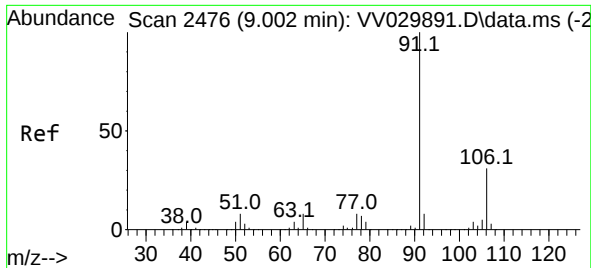
Ion Ratio Lower Upper

112 100

114 32.2 22.6 42.0

77 56.1 44.6 66.8

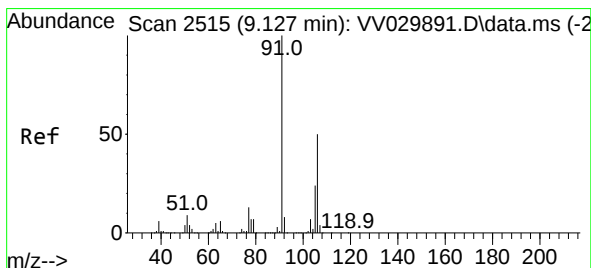
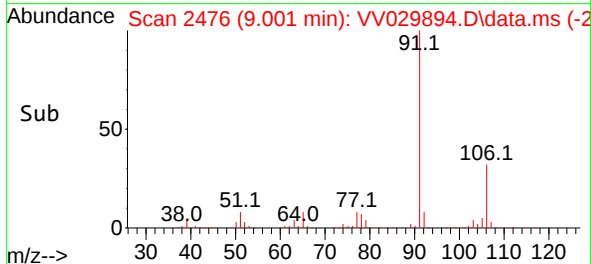
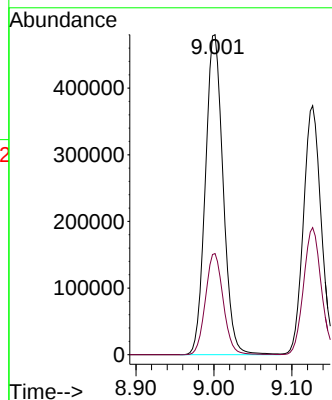
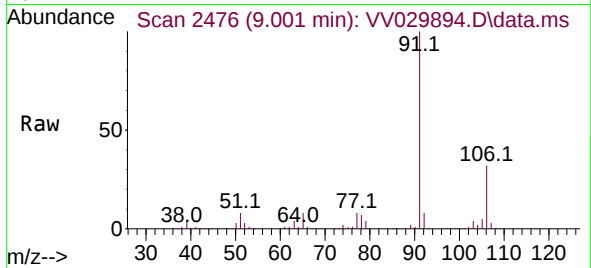




#52
Ethylbenzene
Concen: 49.703 ug/L
RT: 9.001 min Scan# 2476
Delta R.T. -0.000 min
Lab File: VV029894.D
Acq: 18 Jan 2023 12:46

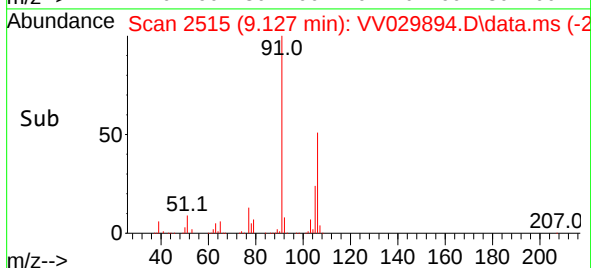
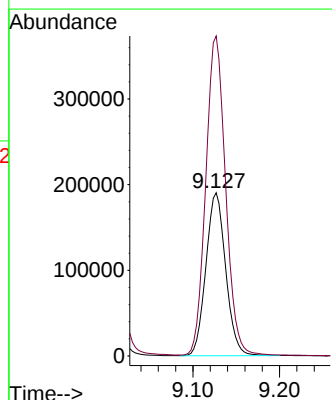
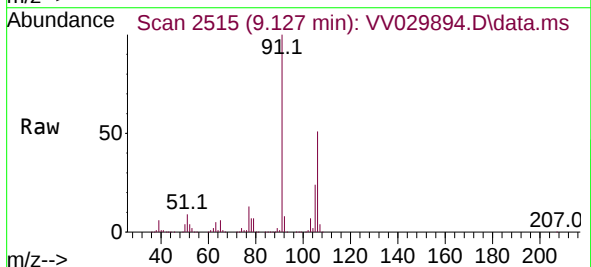
Instrument :
MSVOA_V
ClientSampleId :
VICV207

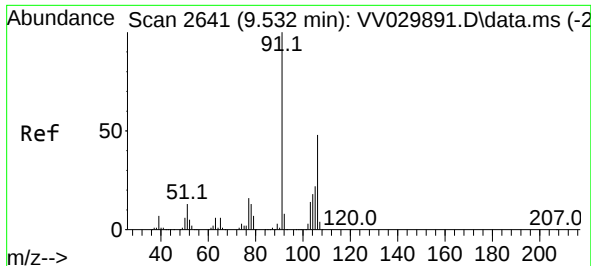
Tgt Ion: 91 Resp: 760571
Ion Ratio Lower Upper
91 100
106 31.6 22.0 40.8



#53
m,p-Xylene
Concen: 49.710 ug/L
RT: 9.127 min Scan# 2515
Delta R.T. -0.000 min
Lab File: VV029894.D
Acq: 18 Jan 2023 12:46

Tgt Ion: 106 Resp: 302052
Ion Ratio Lower Upper
106 100
91 196.1 138.9 258.1

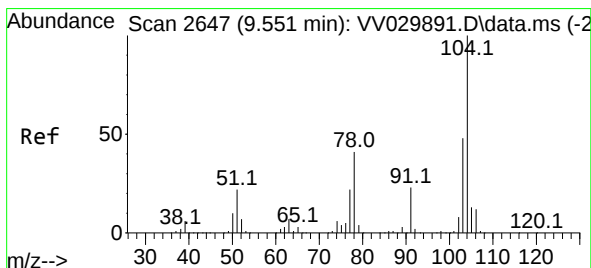
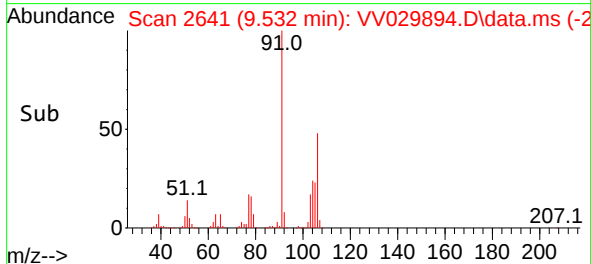
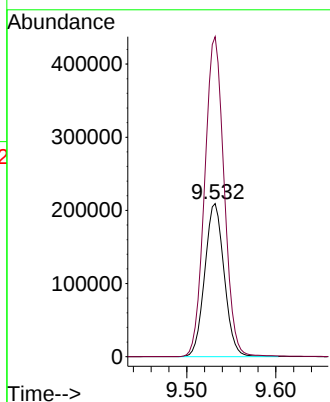
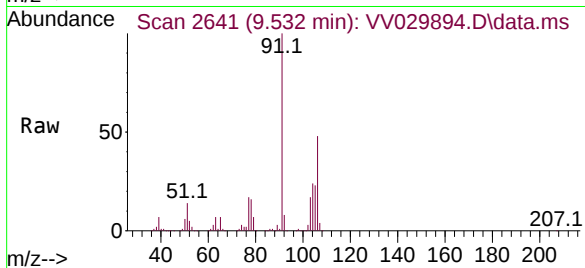




#54
o-Xylene
Concen: 53.883 ug/L
RT: 9.532 min Scan# 2641
Delta R.T. -0.000 min
Lab File: VV029894.D
Acq: 18 Jan 2023 12:46

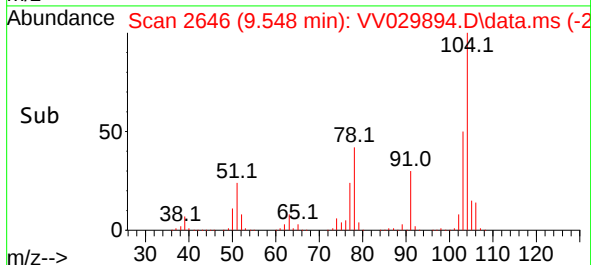
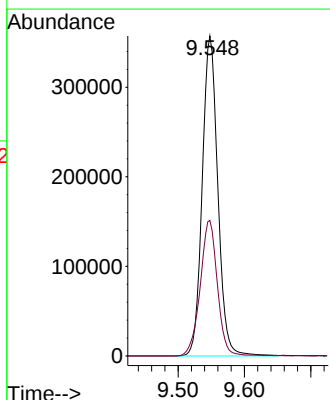
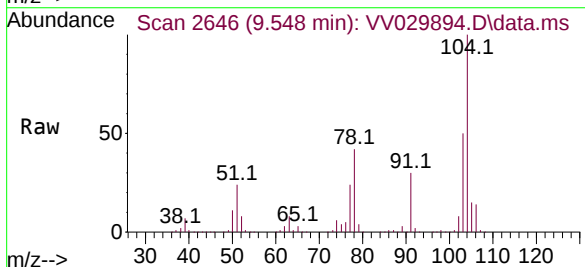
Instrument :
MSVOA_V
ClientSampleId :
VICV207

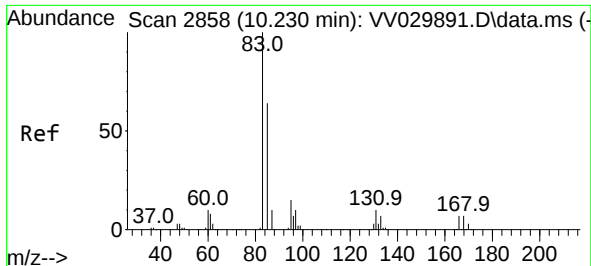
Tgt Ion:106 Resp: 316993
Ion Ratio Lower Upper
106 100
91 209.1 146.2 271.6



#55
Styrene
Concen: 54.889 ug/L
RT: 9.548 min Scan# 2646
Delta R.T. -0.003 min
Lab File: VV029894.D
Acq: 18 Jan 2023 12:46

Tgt Ion:104 Resp: 582361
Ion Ratio Lower Upper
104 100
78 42.3 28.6 53.0





#57

1,1,2-Tetrachloroethane

Concen: 55.100 ug/L

RT: 10.226 min Scan# 2857

Delta R.T. -0.003 min

Lab File: VV029894.D

Acq: 18 Jan 2023 12:46

Instrument :

MSVOA_V

ClientSampleId :

VICV207

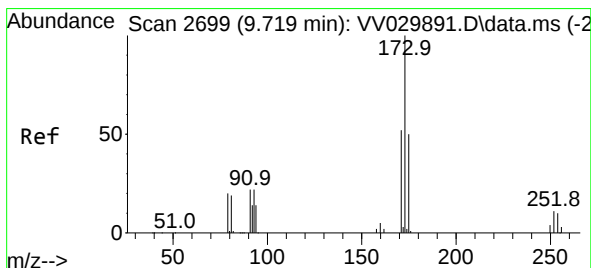
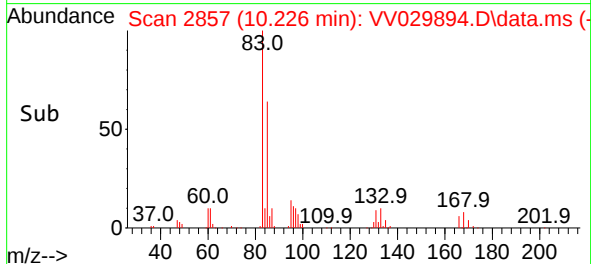
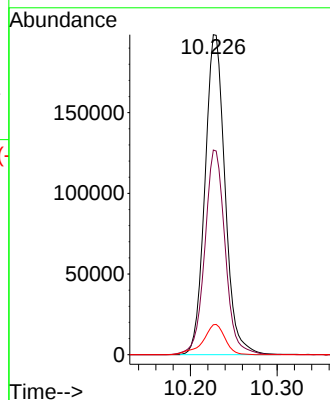
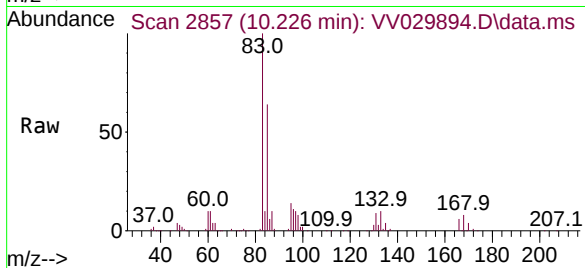
Tgt Ion: 83 Resp: 318899

Ion Ratio Lower Upper

83 100

85 63.9 44.9 83.3

131 9.3 8.1 12.1



#59

Bromoform

Concen: 53.477 ug/L

RT: 9.718 min Scan# 2699

Delta R.T. -0.000 min

Lab File: VV029894.D

Acq: 18 Jan 2023 12:46

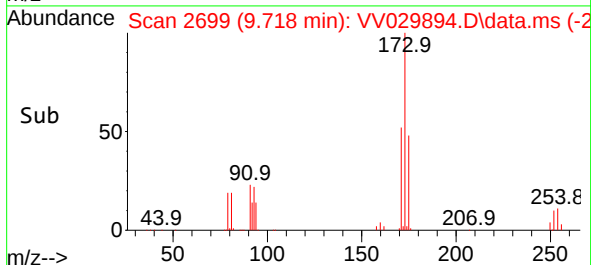
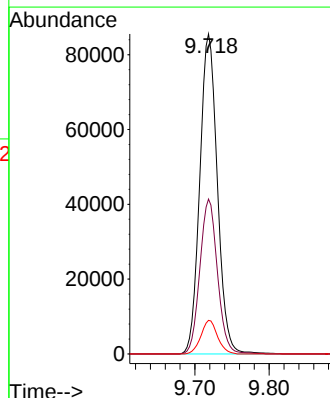
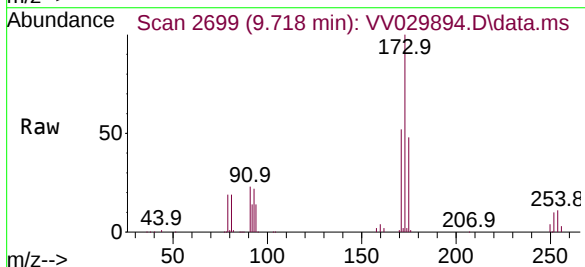
Tgt Ion: 173 Resp: 140714

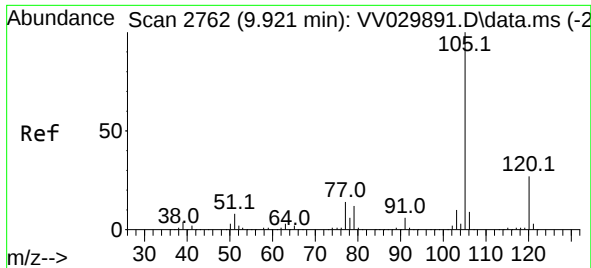
Ion Ratio Lower Upper

173 100

175 48.3 39.5 59.3

254 9.9 8.2 12.2

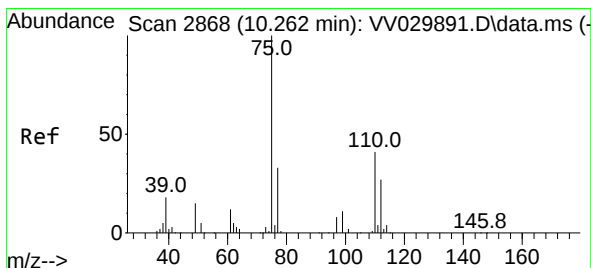
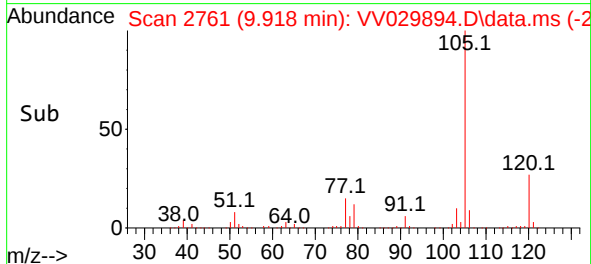
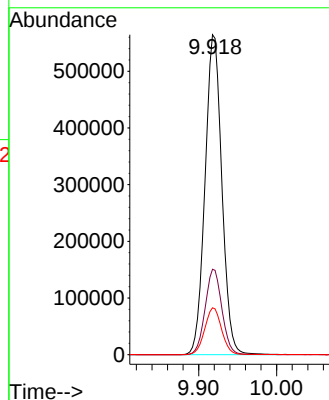
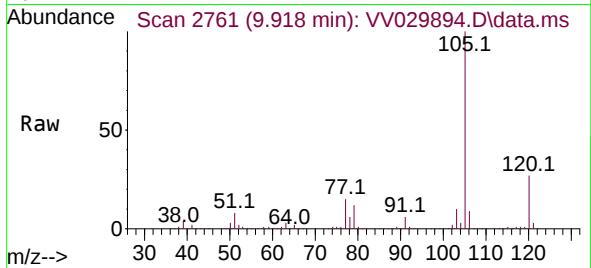




#60
Isopropylbenzene
Concen: 53.611 ug/L
RT: 9.918 min Scan# 2761
Delta R.T. -0.003 min
Lab File: VV029894.D
Acq: 18 Jan 2023 12:46

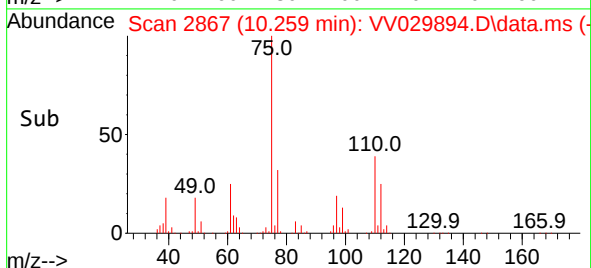
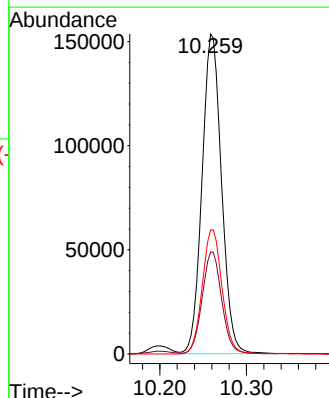
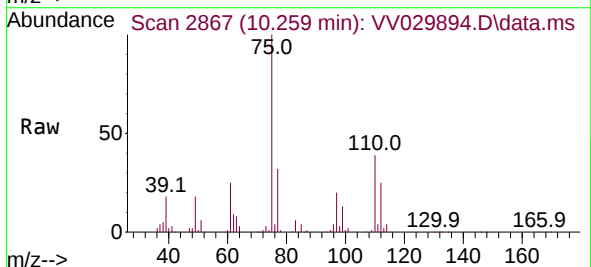
Instrument :
MSVOA_V
ClientSampleId :
VICV207

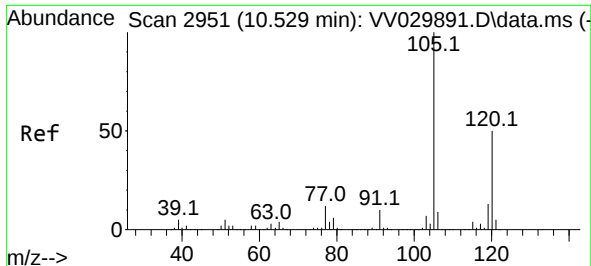
Tgt Ion:105 Resp: 848464
Ion Ratio Lower Upper
105 100
120 26.6 21.4 32.2
77 14.7 11.6 17.4



#61
1,2,3-Trichloropropane
Concen: 55.424 ug/L
RT: 10.259 min Scan# 2867
Delta R.T. -0.003 min
Lab File: VV029894.D
Acq: 18 Jan 2023 12:46

Tgt Ion: 75 Resp: 239465
Ion Ratio Lower Upper
75 100
77 31.8 25.9 38.9
110 39.4 32.3 48.5





#62

1,3,5-Trimethylbenzene

Concen: 52.789 ug/L

RT: 10.525 min Scan# 2951

Delta R.T. -0.003 min

Lab File: VV029894.D

Acq: 18 Jan 2023 12:46

Instrument :

MSVOA_V

ClientSampleId :

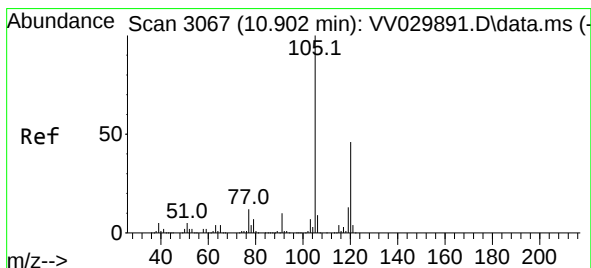
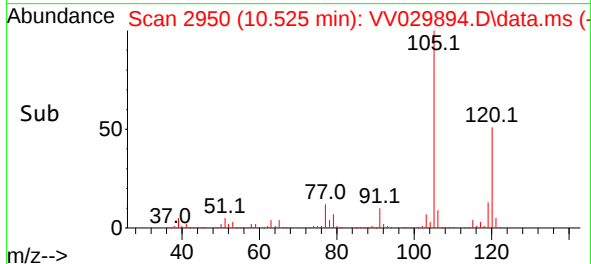
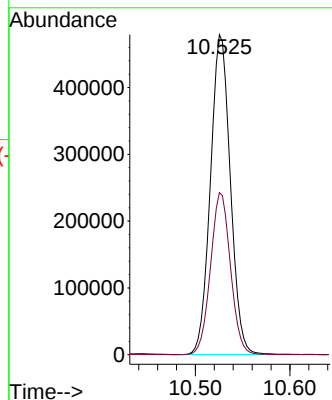
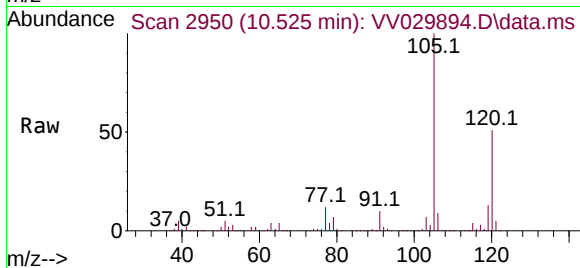
VICV207

Tgt Ion:105 Resp: 701460

Ion Ratio Lower Upper

105 100

120 50.8 39.9 59.9



#63

1,2,4-Trimethylbenzene

Concen: 54.244 ug/L

RT: 10.902 min Scan# 3067

Delta R.T. -0.000 min

Lab File: VV029894.D

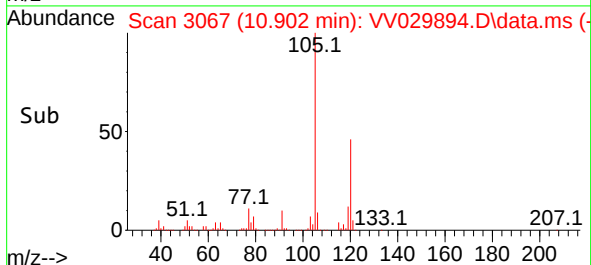
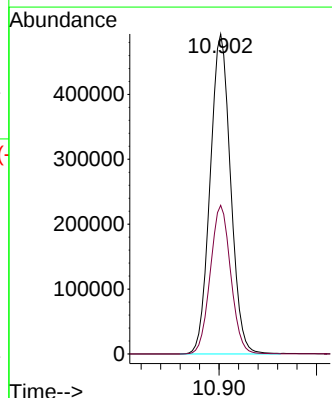
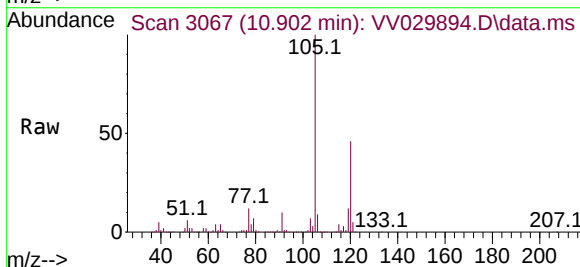
Acq: 18 Jan 2023 12:46

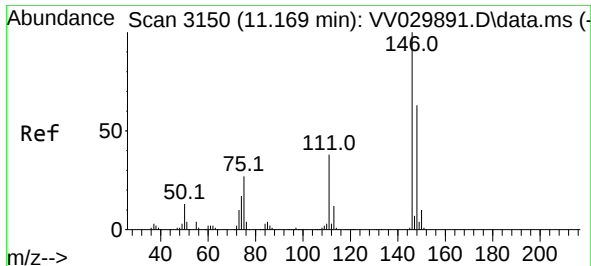
Tgt Ion:105 Resp: 718409

Ion Ratio Lower Upper

105 100

120 46.5 37.0 55.6

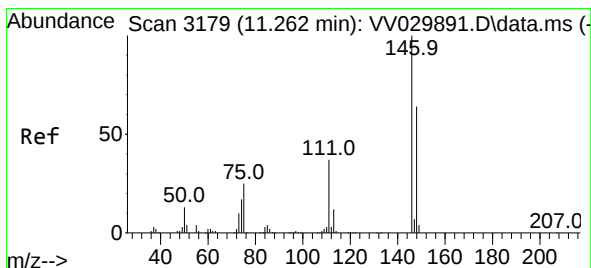
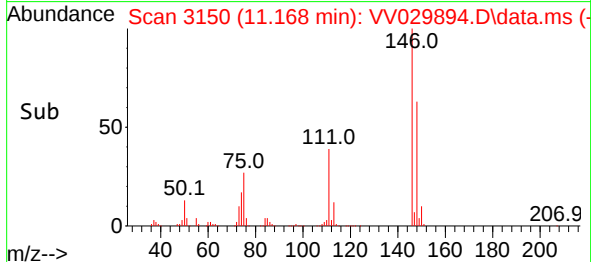
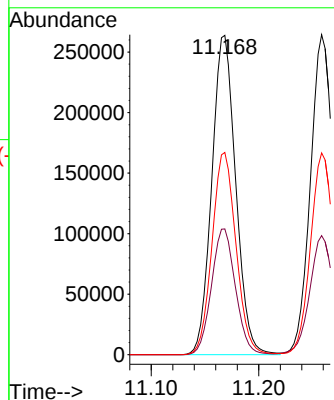
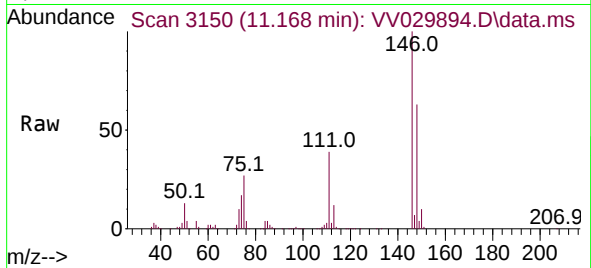




#64
1,3-Dichlorobenzene
Concen: 51.025 ug/L
RT: 11.168 min Scan# 3150
Delta R.T. -0.000 min
Lab File: VV029894.D
Acq: 18 Jan 2023 12:46

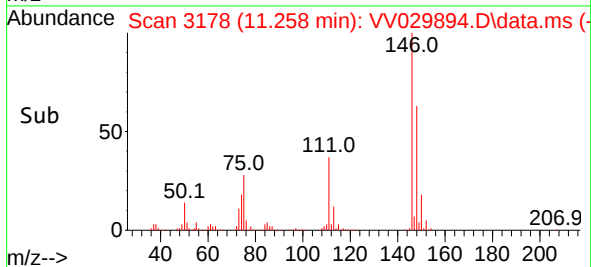
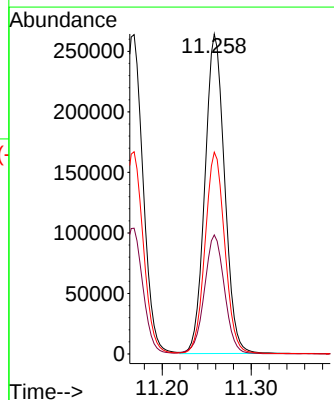
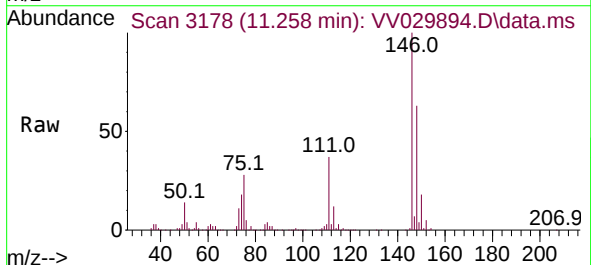
Instrument :
MSVOA_V
ClientSampleId :
VICV207

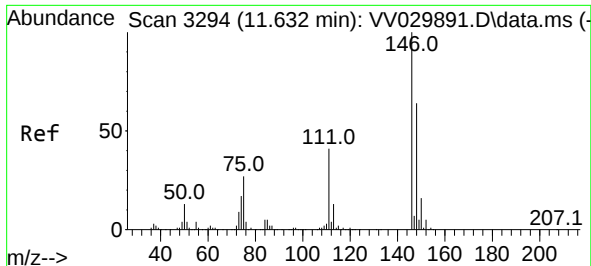
Tgt Ion:146 Resp: 407973
Ion Ratio Lower Upper
146 100
111 39.4 26.9 50.1
148 63.3 44.2 82.2



#65
1,4-Dichlorobenzene
Concen: 48.809 ug/L
RT: 11.258 min Scan# 3178
Delta R.T. -0.003 min
Lab File: VV029894.D
Acq: 18 Jan 2023 12:46

Tgt Ion:146 Resp: 404309
Ion Ratio Lower Upper
146 100
111 37.2 26.2 48.8
148 63.1 44.9 83.5





#67

1,2-Dichlorobenzene

Concen: 49.232 ug/L

RT: 11.628 min Scan# 31

Delta R.T. -0.003 min

Lab File: VV029894.D

Acq: 18 Jan 2023 12:46

Instrument :

MSVOA_V

ClientSampleId :

VICV207

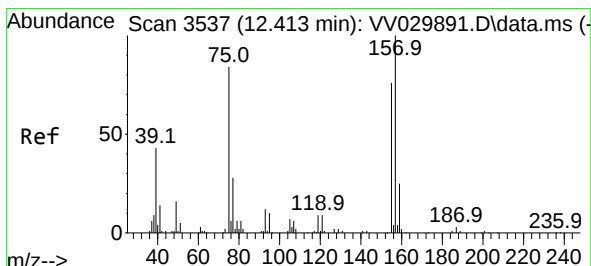
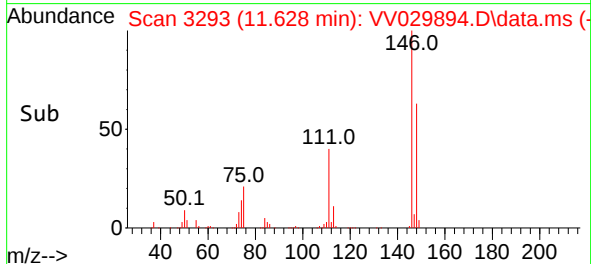
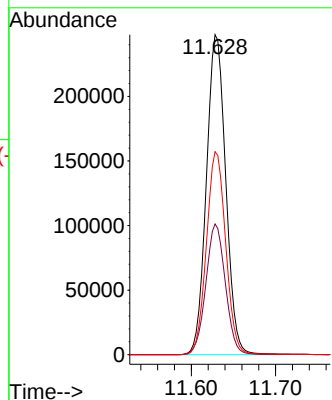
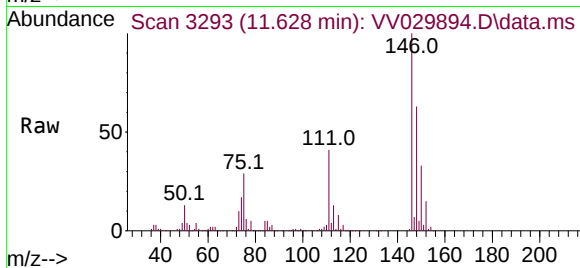
Tgt Ion:146 Resp: 396273

Ion Ratio Lower Upper

146 100

111 40.8 32.7 49.1

148 63.5 51.0 76.4



#68

1,2-Dibromo-3-chloropropane

Concen: 50.433 ug/L

RT: 12.413 min Scan# 3537

Delta R.T. -0.000 min

Lab File: VV029894.D

Acq: 18 Jan 2023 12:46

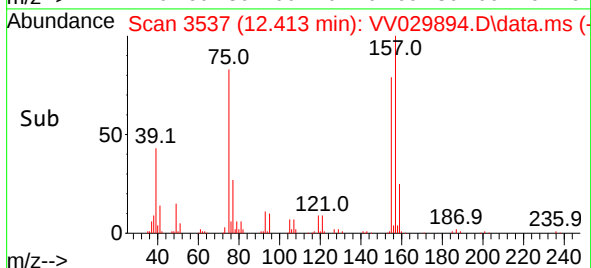
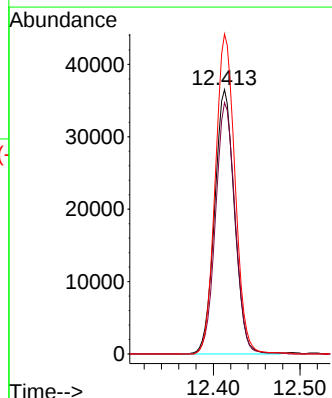
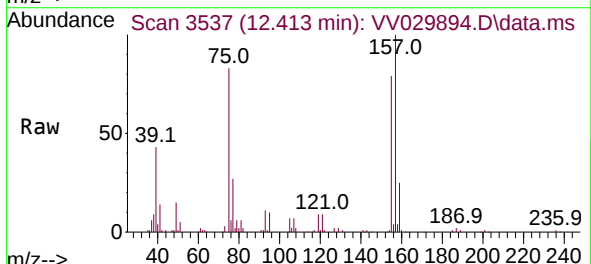
Tgt Ion: 75 Resp: 58226

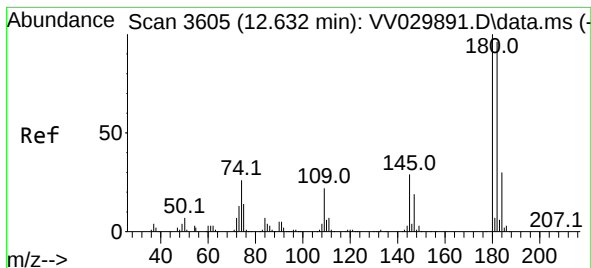
Ion Ratio Lower Upper

75 100

155 95.1 72.3 108.5

157 121.1 95.4 143.2





#69

1,3,5-Trichlorobenzene

Concen: 49.271 ug/L

RT: 12.631 min Scan# 3605

Delta R.T. -0.000 min

Lab File: VV029894.D

Acq: 18 Jan 2023 12:46

Instrument :

MSVOA_V

ClientSampleId :

VICV207

Tgt Ion:180 Resp: 306693

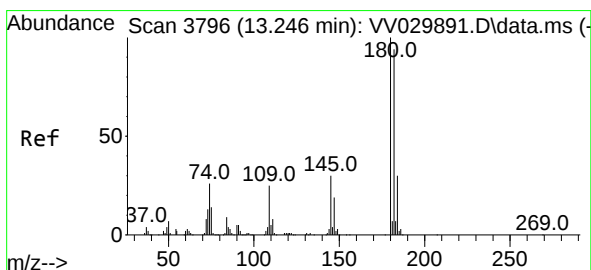
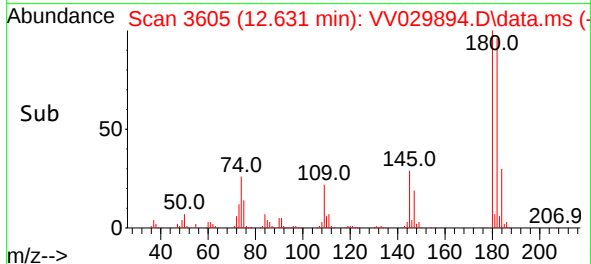
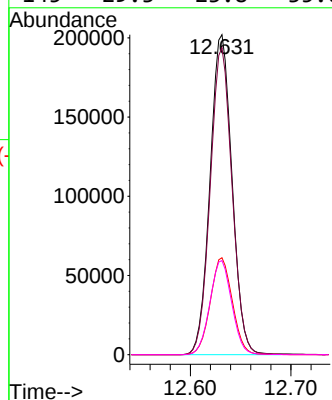
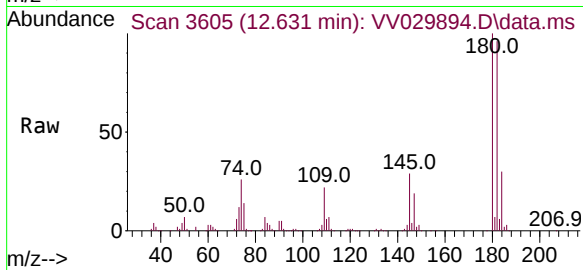
Ion Ratio Lower Upper

180 100

182 95.1 76.2 114.4

184 30.4 23.9 35.9

145 29.3 23.8 35.6



#70

1,2,4-trichlorobenzene

Concen: 51.729 ug/L

RT: 13.246 min Scan# 3796

Delta R.T. -0.000 min

Lab File: VV029894.D

Acq: 18 Jan 2023 12:46

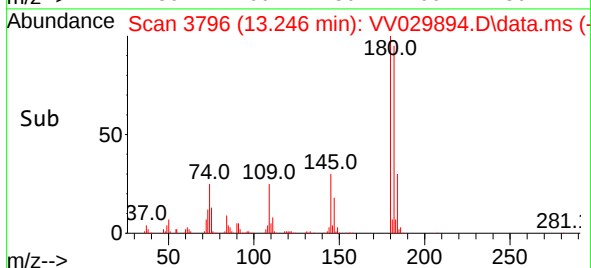
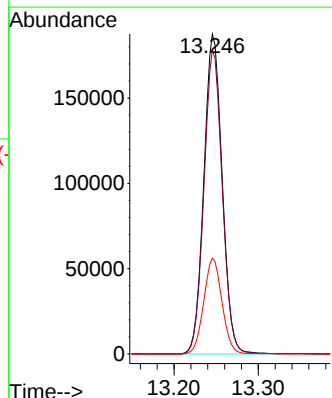
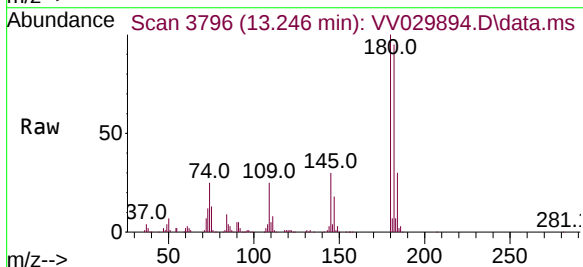
Tgt Ion:180 Resp: 284208

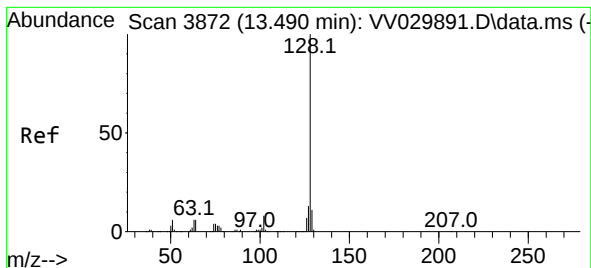
Ion Ratio Lower Upper

180 100

182 95.1 76.0 114.0

145 29.9 24.0 36.0





#71

Naphthalene

Concen: 63.205 ug/L

RT: 13.487 min Scan# 3872

Delta R.T. -0.003 min

Lab File: VV029894.D

Acq: 18 Jan 2023 12:46

Instrument :

MSVOA_V

ClientSampleId :

VICV207

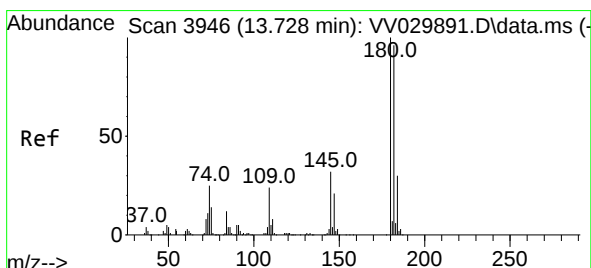
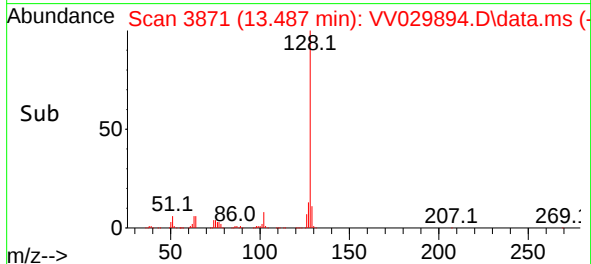
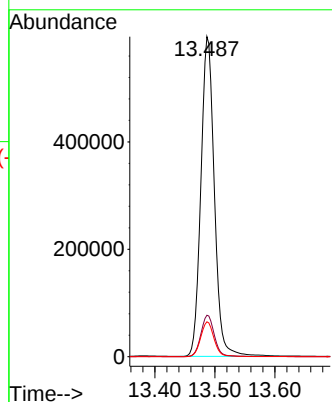
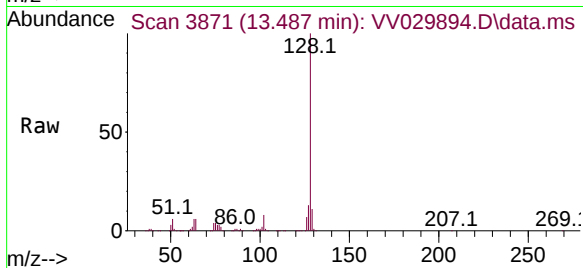
Tgt Ion:128 Resp: 933953

Ion Ratio Lower Upper

128 100

127 13.0 10.1 15.1

129 10.8 8.7 13.1



#72

1,2,3-Trichlorobenzene

Concen: 53.184 ug/L

RT: 13.728 min Scan# 3946

Delta R.T. -0.000 min

Lab File: VV029894.D

Acq: 18 Jan 2023 12:46

Tgt Ion:180 Resp: 284764

Ion Ratio Lower Upper

180 100

182 95.2 76.3 114.5

145 32.1 25.7 38.5

