

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW032323\
 Data File : VW030304.D
 Acq On : 23 Mar 2023 11:46
 Operator : SY/MD
 Sample : VSTDICV005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VICV233

Quant Time: Mar 24 02:47:00 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR032323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Mar 24 02:42:05 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.545	114	154839	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	142172	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	79633	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	47384	4.621	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.400%
7) Chloroethane-d5	1.535	69	44134	4.435	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.600%
11) 1,1-Dichloroethene-d2	2.066	63	112134	4.608	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	92.200%
20) 2-Butanone-d5	3.847	46	113013	42.636	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	85.280%
24) Chloroform-d	4.262	84	115207	4.642	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.800%
26) 1,2-Dichloroethane-d4	4.953	65	54619	4.664	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.200%
32) Benzene-d6	4.969	84	210763	5.261	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.200%
36) 1,2-Dichloropropane-d6	5.998	67	62792	5.006	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.200%
41) Toluene-d8	7.252	98	191026	5.192	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.800%
43) trans-1,3-Dichloroprop...	7.561	79	24065	5.096	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	102.000%
46) 2-Hexanone-d5	8.037	63	96245	50.719	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.440%
56) 1,1,2,2-Tetrachloroeth...	10.162	84	47208	4.775	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.600%
66) 1,2-Dichlorobenzene-d4	11.570	152	72091	5.065	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	91007	4.623	ug/L	99
3) Chloromethane	1.217	50	112808	4.542	ug/L	98
5) Vinyl chloride	1.285	62	84088	4.644	ug/L	99
6) Bromomethane	1.490	94	22909	4.436	ug/L	100
8) Chloroethane	1.552	64	48085	4.636	ug/L	97
9) Trichlorofluoromethane	1.716	101	122004	4.622	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.072	101	65797	4.516	ug/L	98
12) 1,1-Dichloroethene	2.072	96	59686	4.613	ug/L	97
13) Acetone	2.185	43	88244	34.815	ug/L	81
14) Carbon disulfide	2.243	76	202890	4.761	ug/L	100
15) Methyl Acetate	2.397	43	22671	5.005	ug/L #	78
16) Methylene chloride	2.452	84	74199	4.849	ug/L	96
17) Methyl tert-butyl Ether	2.715	73	131436	4.797	ug/L	99
18) trans-1,2-Dichloroethene	2.699	96	63429	4.654	ug/L	100
19) 1,1-Dichloroethane	3.117	63	122978	4.654	ug/L	97
21) 2-Butanone	3.924	43	132063	41.396	ug/L	84
22) cis-1,2-Dichloroethene	3.825	96	65474	4.787	ug/L	98
23) Bromochloromethane	4.159	128	30310	4.745	ug/L	98
25) Chloroform	4.288	83	124657	4.669	ug/L	94

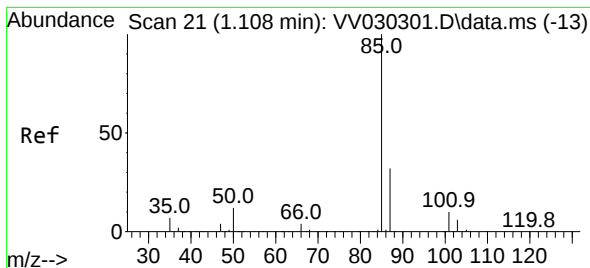
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW032323\
 Data File : VW030304.D
 Acq On : 23 Mar 2023 11:46
 Operator : SY/MD
 Sample : VSTDICV005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VICV233

Quant Time: Mar 24 02:47:00 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR032323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Mar 24 02:42:05 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.053	62	74666	4.625	ug/L	97
29) 1,1,1-Trichloroethane	4.522	97	113682	4.975	ug/L	100
30) Cyclohexane	4.593	56	109758	5.273	ug/L	99
31) Carbon tetrachloride	4.744	117	104074	5.019	ug/L	99
33) Benzene	5.021	78	261687	5.182	ug/L	100
34) Trichloroethene	5.841	95	67213	4.935	ug/L	97
35) Methylcyclohexane	6.059	83	109975	5.145	ug/L	99
37) 1,2-Dichloropropane	6.101	63	65225	5.031	ug/L	100
38) Bromodichloromethane	6.442	83	85376	5.029	ug/L	98
39) cis-1,3-Dichloropropene	6.963	75	92049	5.049	ug/L	99
40) 4-Methyl-2-pentanone	7.172	43	345763	50.615	ug/L	99
42) Toluene	7.323	91	282016	5.243	ug/L	99
44) trans-1,3-Dichloropropene	7.590	75	78614	5.068	ug/L	97
45) 1,1,2-Trichloroethane	7.776	97	44069	4.828	ug/L	98
47) Tetrachloroethene	7.911	164	59193	4.925	ug/L	97
48) 2-Hexanone	8.088	43	266081	52.009	ug/L	98
49) Dibromochloromethane	8.185	129	53207	4.897	ug/L	96
50) 1,2-Dibromoethane	8.291	107	41529	5.001	ug/L	98
51) Chlorobenzene	8.821	112	178704	5.189	ug/L	97
52) Ethylbenzene	8.953	91	302242	5.136	ug/L	97
53) m,p-Xylene	9.082	106	117150	5.201	ug/L	98
54) o-Xylene	9.487	106	109329	5.072	ug/L	98
55) Styrene	9.503	104	190148	5.194	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.188	83	49492	4.568	ug/L	97
59) Bromoform	9.673	173	30872	4.796	ug/L	99
60) Isopropylbenzene	9.876	105	305296	5.199	ug/L	99
61) 1,2,3-Trichloropropane	10.220	75	35899	5.042	ug/L	98
62) 1,3,5-Trimethylbenzene	10.484	105	243702	5.086	ug/L	99
63) 1,2,4-Trimethylbenzene	10.860	105	252761	5.176	ug/L	99
64) 1,3-Dichlorobenzene	11.127	146	152648	5.213	ug/L	99
65) 1,4-Dichlorobenzene	11.217	146	152067	5.154	ug/L	99
67) 1,2-Dichlorobenzene	11.590	146	135524	5.136	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.374	75	8331	4.704	ug/L	94
69) 1,3,5-Trichlorobenzene	12.593	180	117749	5.222	ug/L	99
70) 1,2,4-trichlorobenzene	13.207	180	94900	5.451	ug/L	100
71) Naphthalene	13.448	128	138184	5.558	ug/L	99
72) 1,2,3-Trichlorobenzene	13.689	180	84436	5.598	ug/L	99

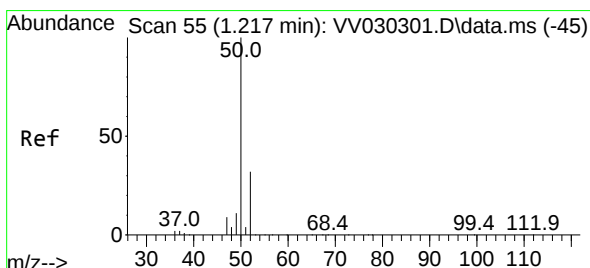
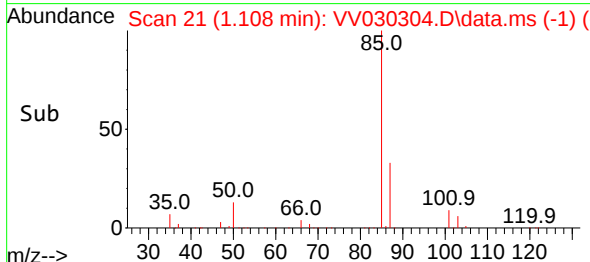
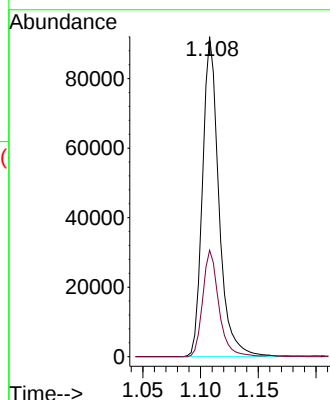
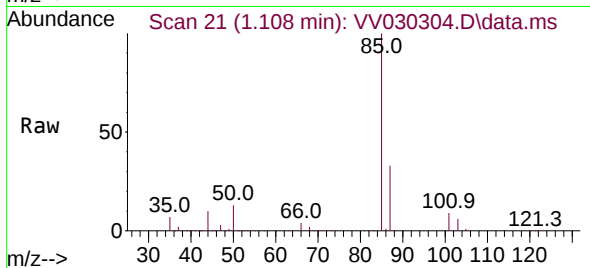
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
 Dichlorodifluoromethane
 Concen: 4.623 ug/L
 RT: 1.108 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VV030304.D
 Acq: 23 Mar 2023 11:46

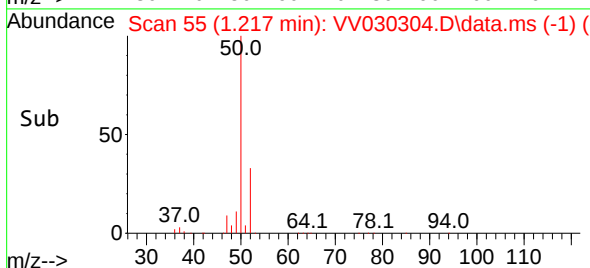
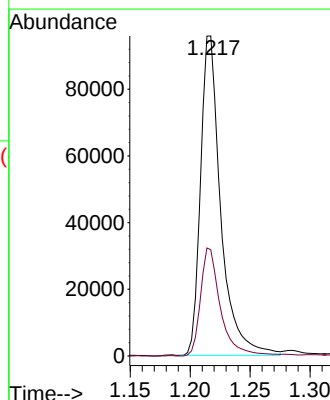
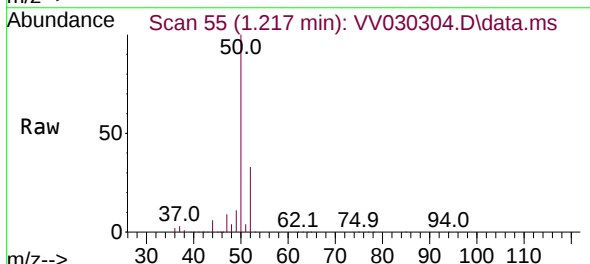
Instrument :
 MSVOA_V
 ClientSampleId :
 VICV233

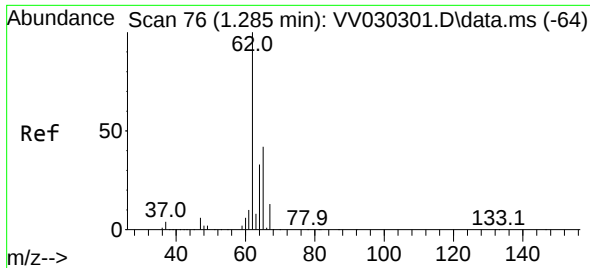
Tgt Ion: 85 Resp: 91007
 Ion Ratio Lower Upper
 85 100
 87 32.7 25.6 38.4



#3
 Chloromethane
 Concen: 4.542 ug/L
 RT: 1.217 min Scan# 55
 Delta R.T. -0.000 min
 Lab File: VV030304.D
 Acq: 23 Mar 2023 11:46

Tgt Ion: 50 Resp: 112808
 Ion Ratio Lower Upper
 50 100
 52 33.2 22.3 41.5

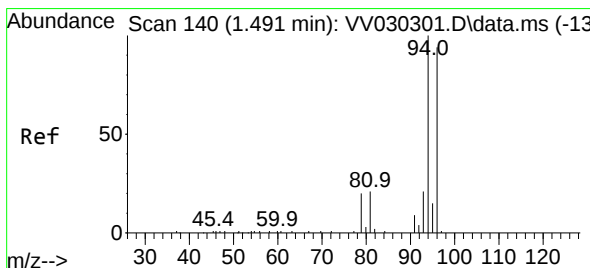
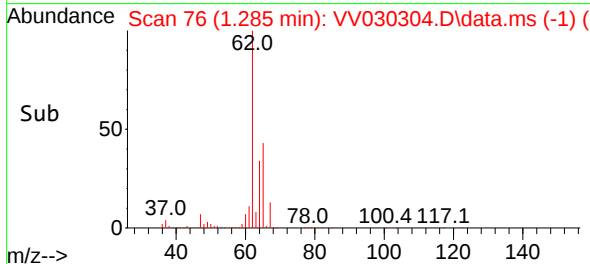
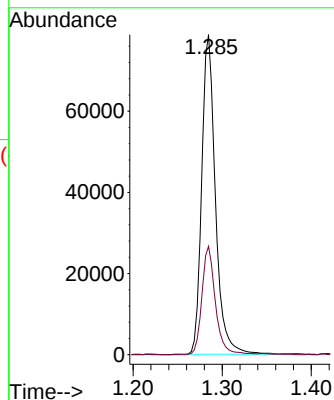
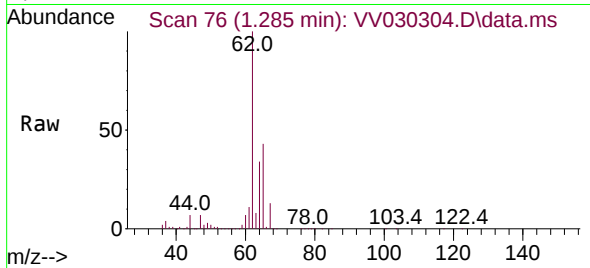




#5
 Vinyl chloride
 Concen: 4.644 ug/L
 RT: 1.285 min Scan# 76
 Delta R.T. -0.000 min
 Lab File: VV030304.D
 Acq: 23 Mar 2023 11:46

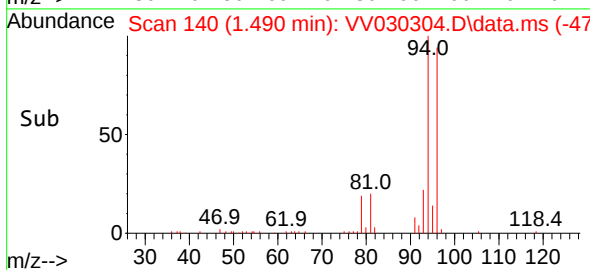
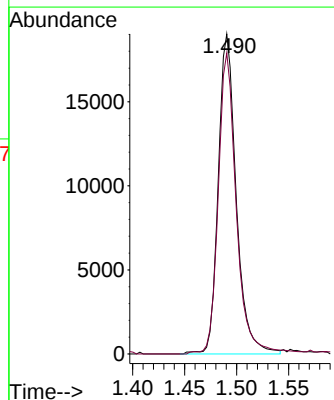
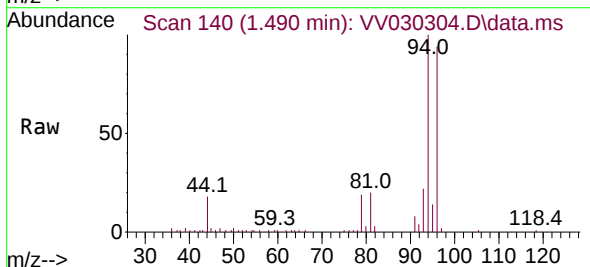
Instrument :
 MSVOA_V
 ClientSampleId :
 VICV233

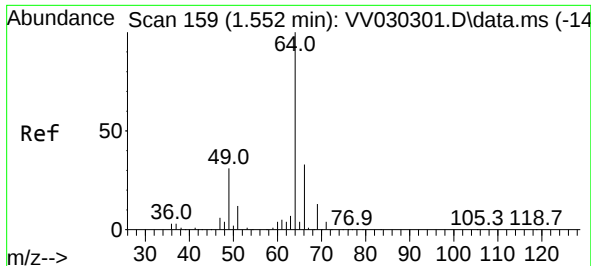
Tgt Ion: 62 Resp: 84088
 Ion Ratio Lower Upper
 62 100
 64 33.8 23.2 43.2



#6
 Bromomethane
 Concen: 4.436 ug/L
 RT: 1.490 min Scan# 140
 Delta R.T. -0.000 min
 Lab File: VV030304.D
 Acq: 23 Mar 2023 11:46

Tgt Ion: 94 Resp: 22909
 Ion Ratio Lower Upper
 94 100
 96 94.0 66.1 122.7

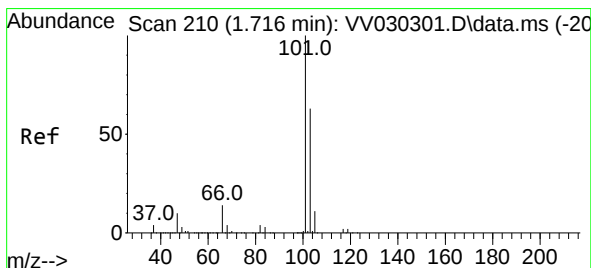
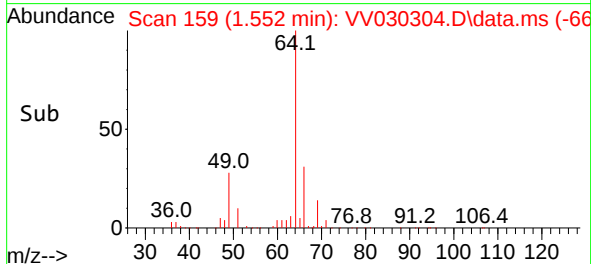
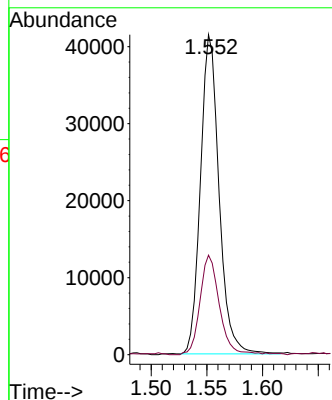
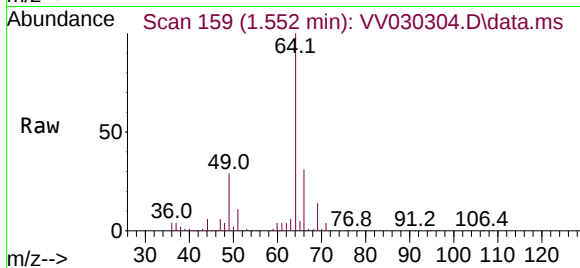




#8
Chloroethane
Concen: 4.636 ug/L
RT: 1.552 min Scan# 11
Delta R.T. -0.000 min
Lab File: VV030304.D
Acq: 23 Mar 2023 11:46

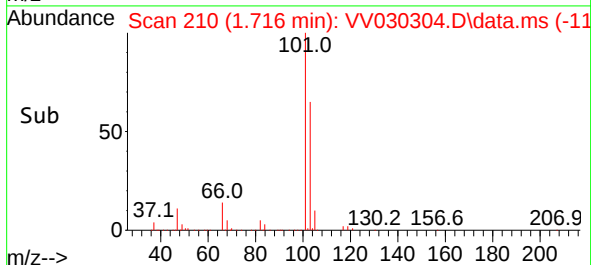
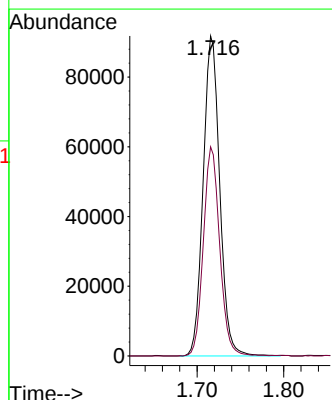
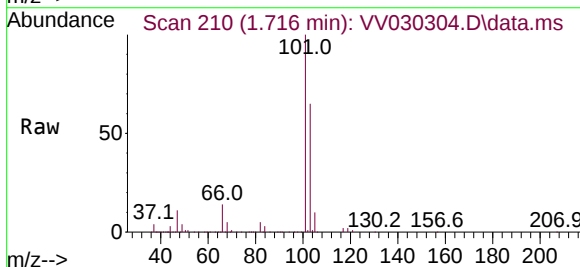
Instrument :
MSVOA_V
ClientSampleId :
VICV233

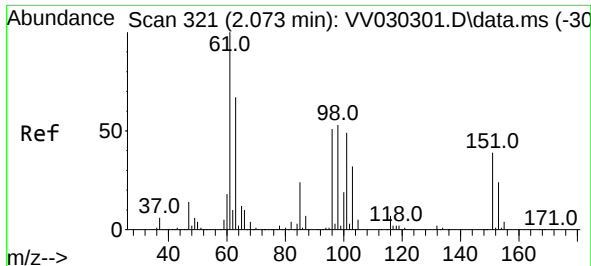
Tgt Ion: 64 Resp: 48085
Ion Ratio Lower Upper
64 100
66 31.1 23.0 42.8



#9
Trichlorofluoromethane
Concen: 4.622 ug/L
RT: 1.716 min Scan# 210
Delta R.T. -0.000 min
Lab File: VV030304.D
Acq: 23 Mar 2023 11:46

Tgt Ion:101 Resp: 122004
Ion Ratio Lower Upper
101 100
103 64.4 51.0 76.6

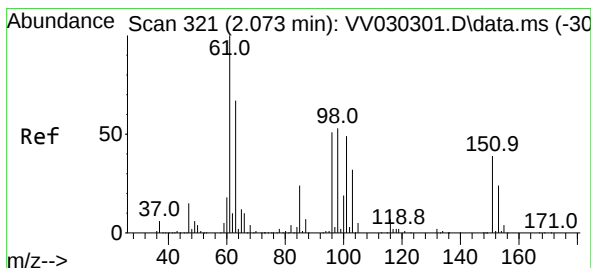
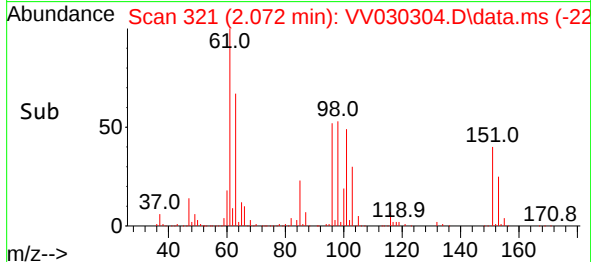
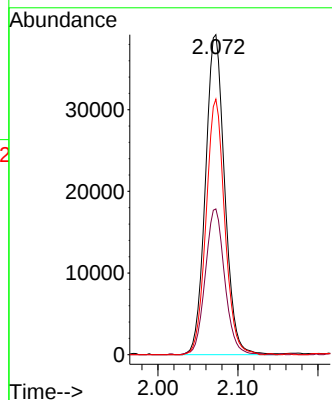
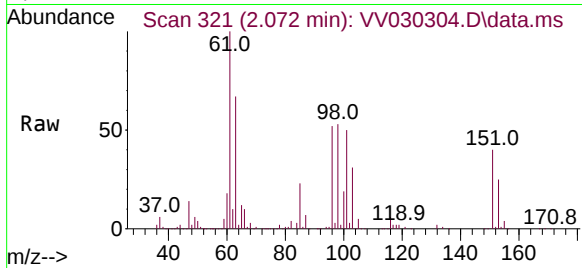




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 4.516 ug/L
 RT: 2.072 min Scan# 321
 Delta R.T. -0.000 min
 Lab File: VV030304.D
 Acq: 23 Mar 2023 11:46

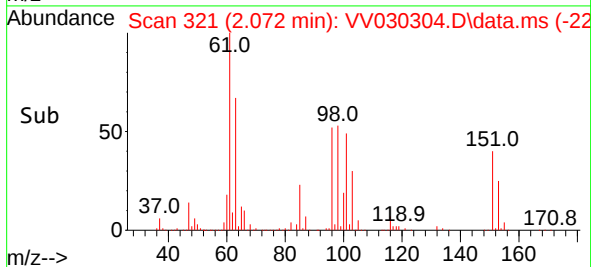
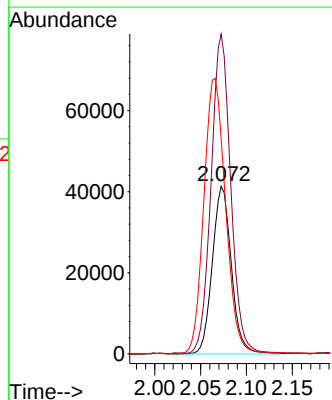
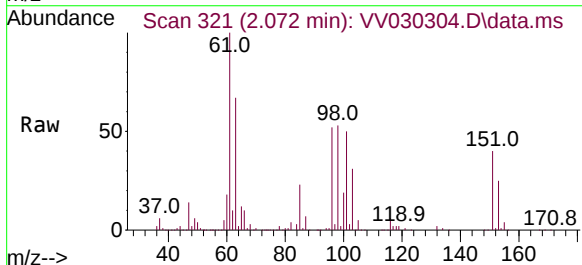
Instrument :
 MSVOA_V
 ClientSampleId :
 VICV233

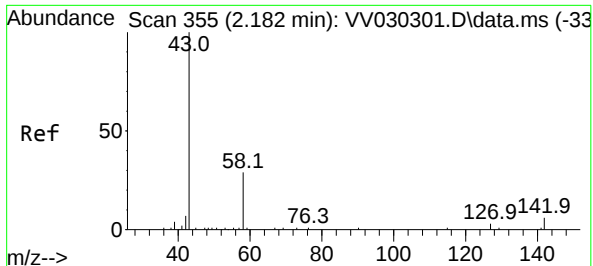
Tgt Ion:101 Resp: 65797
 Ion Ratio Lower Upper
 101 100
 85 46.1 38.1 57.1
 151 77.4 62.7 94.1



#12
 1,1-Dichloroethene
 Concen: 4.613 ug/L
 RT: 2.072 min Scan# 321
 Delta R.T. -0.000 min
 Lab File: VV030304.D
 Acq: 23 Mar 2023 11:46

Tgt Ion: 96 Resp: 59686
 Ion Ratio Lower Upper
 96 100
 61 191.0 136.3 253.1
 63 128.4 92.1 171.1





#13

Acetone

Concen: 34.815 ug/L

RT: 2.185 min Scan# 355

Delta R.T. 0.003 min

Lab File: VV030304.D

Acq: 23 Mar 2023 11:46

Instrument :

MSVOA_V

ClientSampleId :

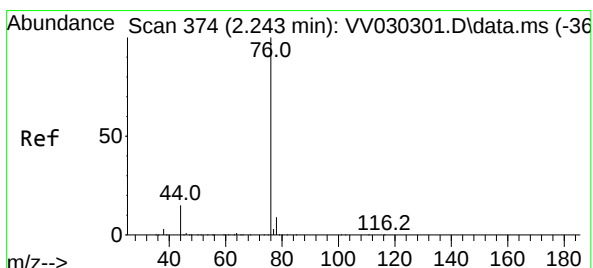
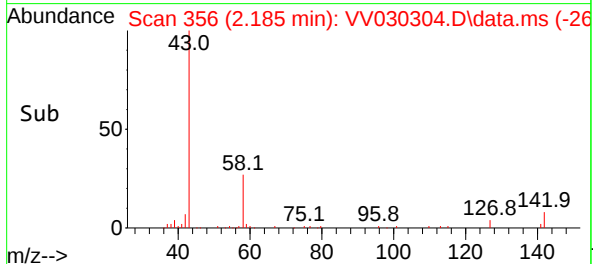
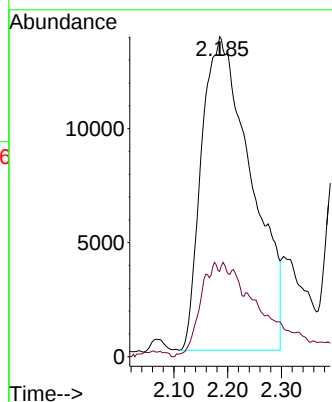
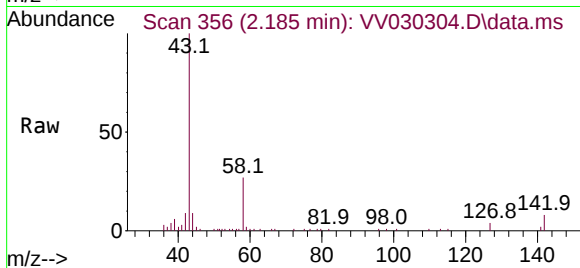
VICV233

Tgt Ion: 43 Resp: 88244

Ion Ratio Lower Upper

43 100

58 11.5 0.0 40.8



#14

Carbon disulfide

Concen: 4.761 ug/L

RT: 2.243 min Scan# 374

Delta R.T. -0.000 min

Lab File: VV030304.D

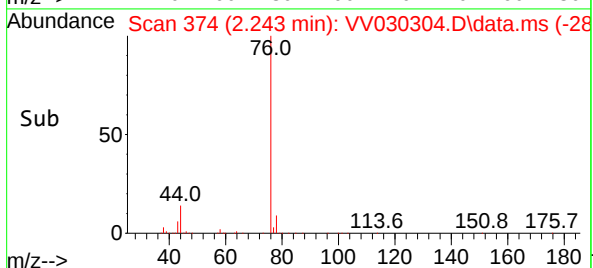
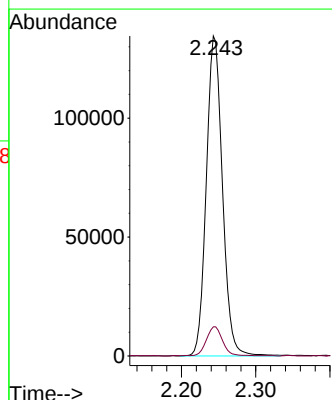
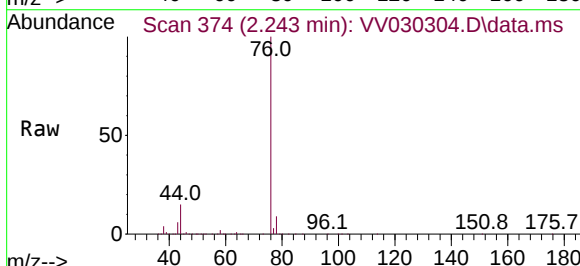
Acq: 23 Mar 2023 11:46

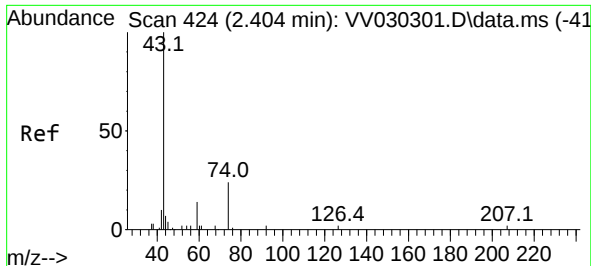
Tgt Ion: 76 Resp: 202890

Ion Ratio Lower Upper

76 100

78 9.1 7.3 10.9

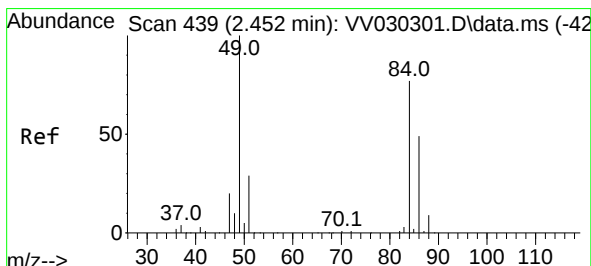
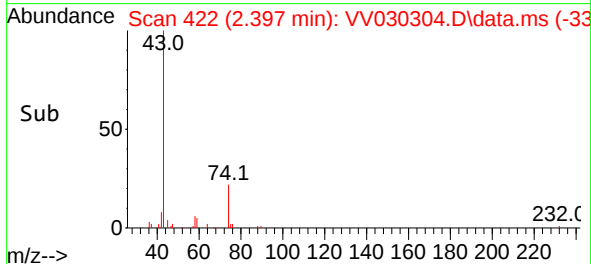
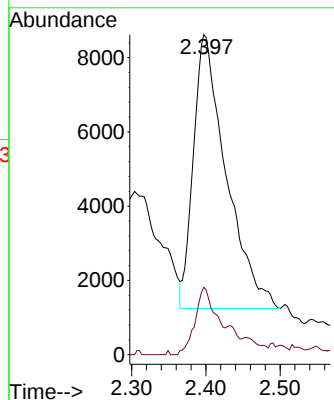
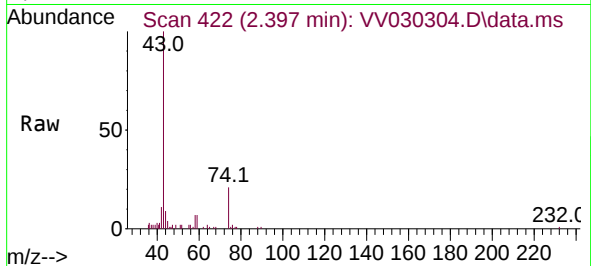




#15
Methyl Acetate
Concen: 5.005 ug/L
RT: 2.397 min Scan# 41
Delta R.T. -0.007 min
Lab File: VV030304.D
Acq: 23 Mar 2023 11:46

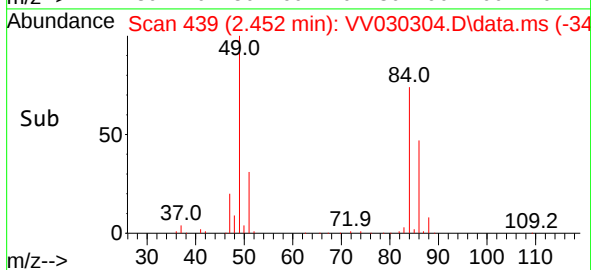
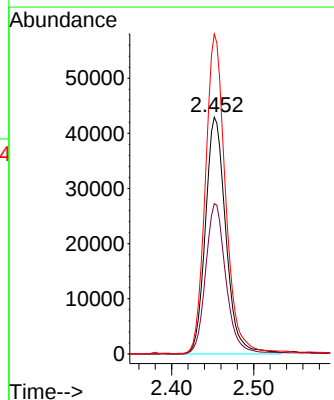
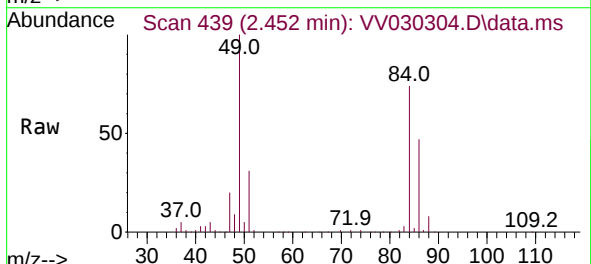
Instrument :
MSVOA_V
ClientSampleId :
VICV233

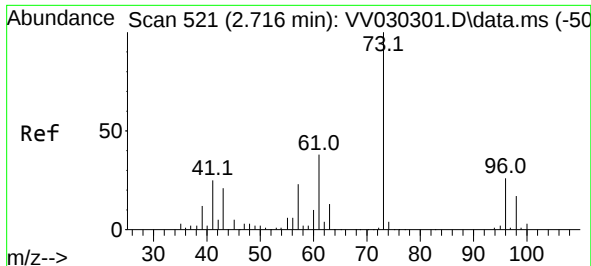
Tgt Ion: 43 Resp: 22671
Ion Ratio Lower Upper
43 100
74 15.9 22.1 33.1#



#16
Methylene chloride
Concen: 4.849 ug/L
RT: 2.452 min Scan# 439
Delta R.T. -0.000 min
Lab File: VV030304.D
Acq: 23 Mar 2023 11:46

Tgt Ion: 84 Resp: 74199
Ion Ratio Lower Upper
84 100
86 63.5 44.0 81.6
49 135.1 90.6 168.3





#17

Methyl tert-butyl Ether

Concen: 4.797 ug/L

RT: 2.715 min Scan# 51

Delta R.T. -0.000 min

Lab File: VV030304.D

Acq: 23 Mar 2023 11:46

Instrument :

MSVOA_V

ClientSampleId :

VICV233

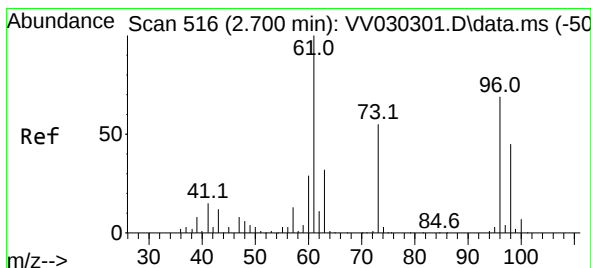
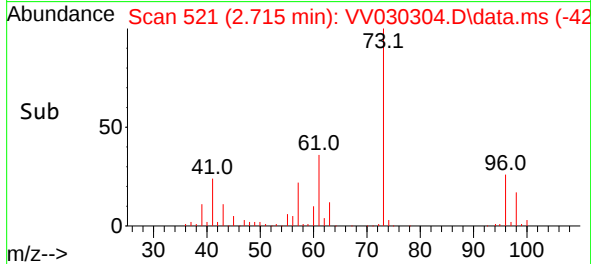
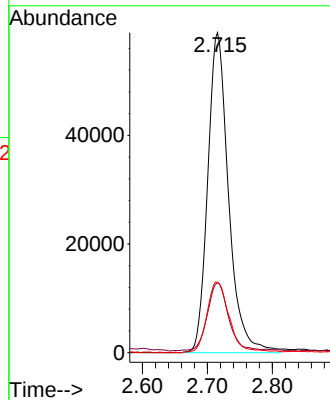
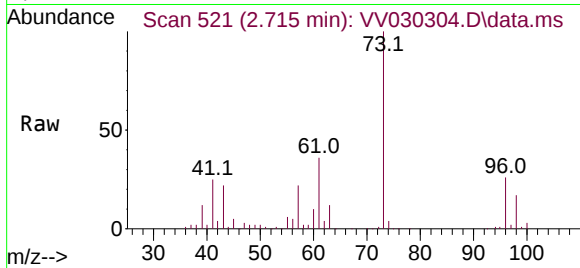
Tgt Ion: 73 Resp: 131436

Ion Ratio Lower Upper

73 100

43 21.6 17.4 26.2

57 23.5 18.3 27.5



#18

trans-1,2-Dichloroethene

Concen: 4.654 ug/L

RT: 2.699 min Scan# 516

Delta R.T. -0.000 min

Lab File: VV030304.D

Acq: 23 Mar 2023 11:46

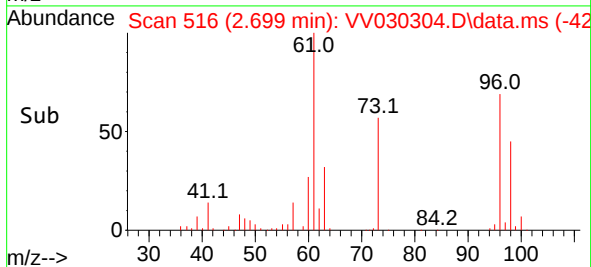
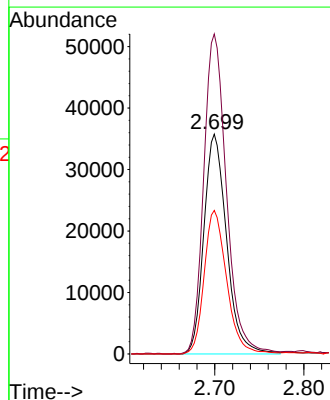
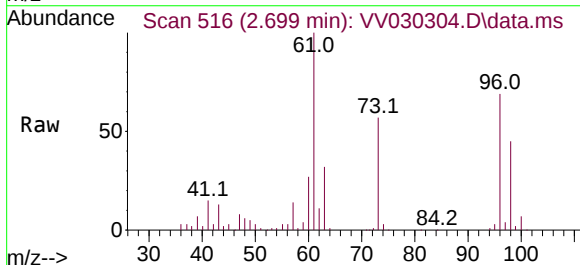
Tgt Ion: 96 Resp: 63429

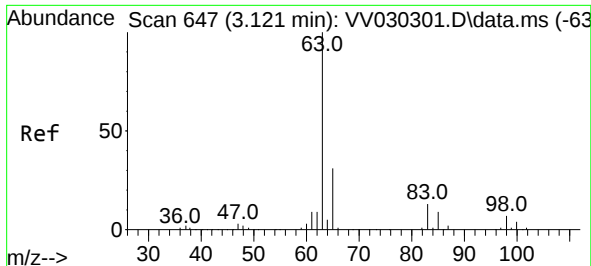
Ion Ratio Lower Upper

96 100

61 145.5 101.7 188.9

98 65.3 45.8 85.2





#19

1,1-Dichloroethane

Concen: 4.654 ug/L

RT: 3.117 min Scan# 64

Delta R.T. -0.003 min

Lab File: VV030304.D

Acq: 23 Mar 2023 11:46

Instrument :

MSVOA_V

ClientSampleId :

VICV233

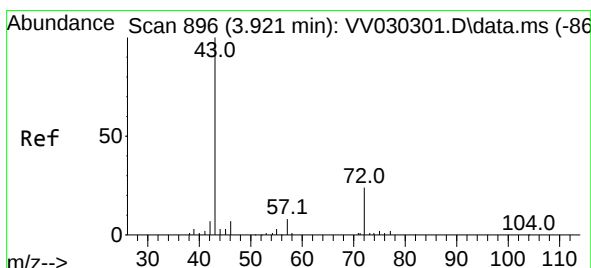
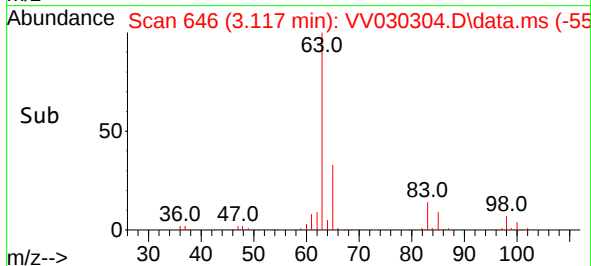
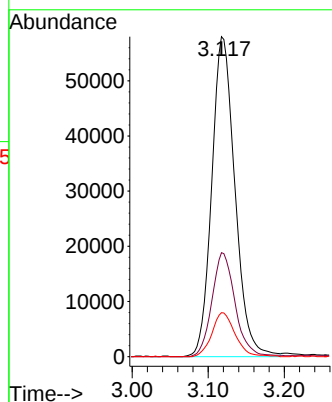
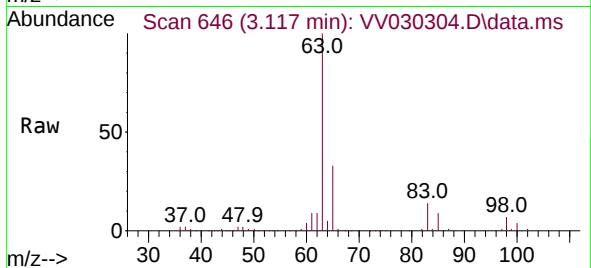
Tgt Ion: 63 Resp: 122978

Ion Ratio Lower Upper

63 100

65 32.5 21.7 40.3

83 13.8 9.1 16.9



#21

2-Butanone

Concen: 41.396 ug/L

RT: 3.924 min Scan# 897

Delta R.T. 0.003 min

Lab File: VV030304.D

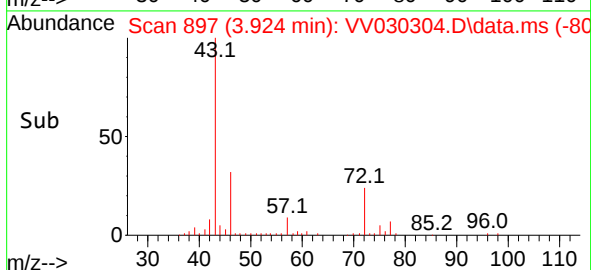
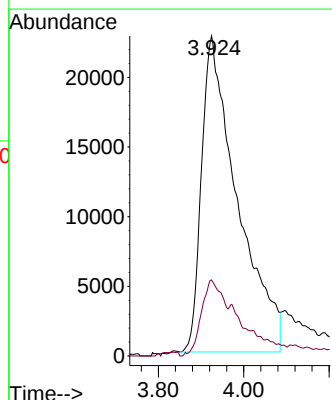
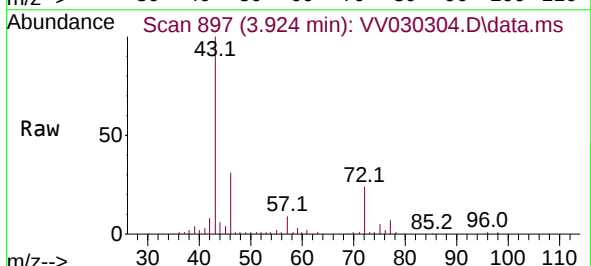
Acq: 23 Mar 2023 11:46

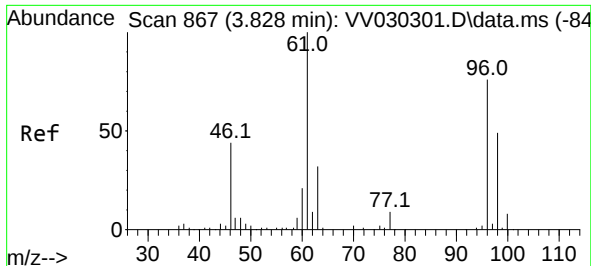
Tgt Ion: 43 Resp: 132063

Ion Ratio Lower Upper

43 100

72 14.9 11.2 33.5

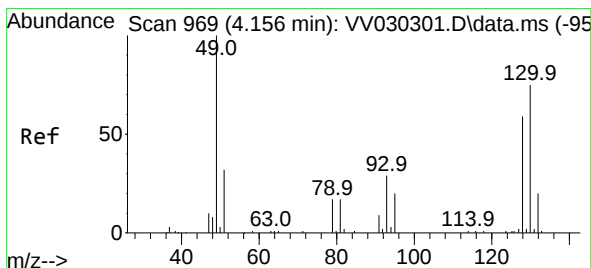
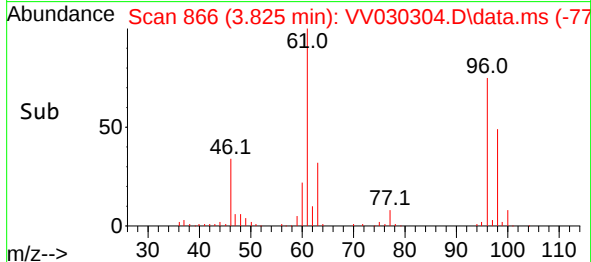
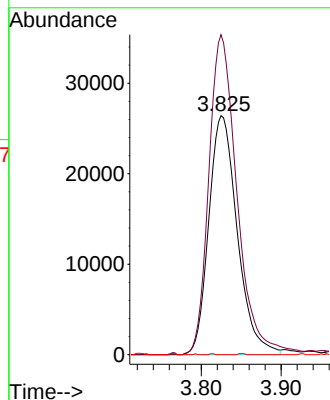
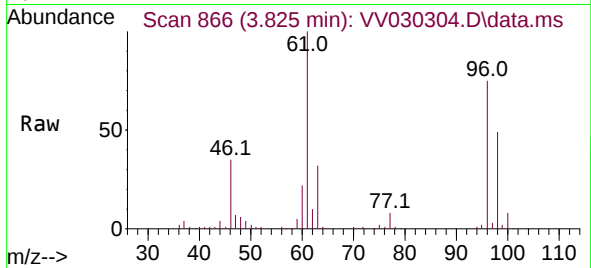




#22
 cis-1,2-Dichloroethene
 Concen: 4.787 ug/L
 RT: 3.825 min Scan# 80
 Delta R.T. -0.003 min
 Lab File: VV030304.D
 Acq: 23 Mar 2023 11:46

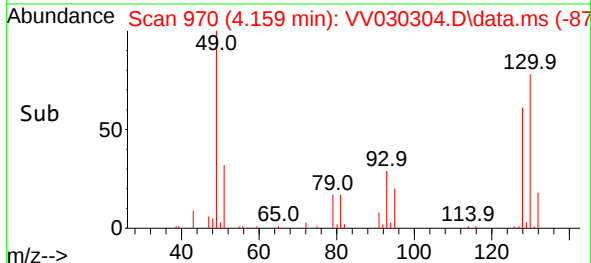
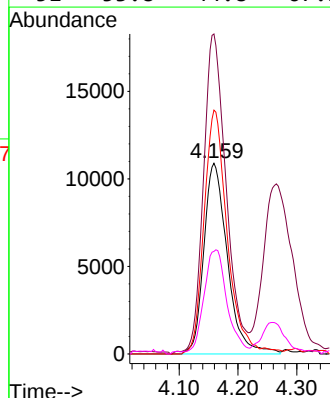
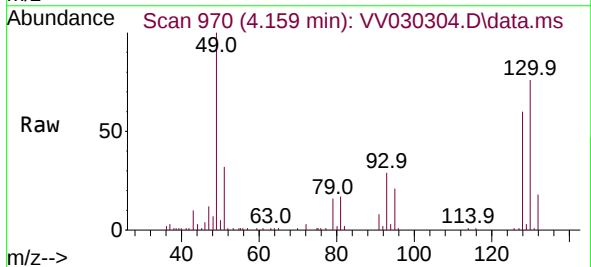
Instrument :
 MSVOA_V
 ClientSampleId :
 VICV233

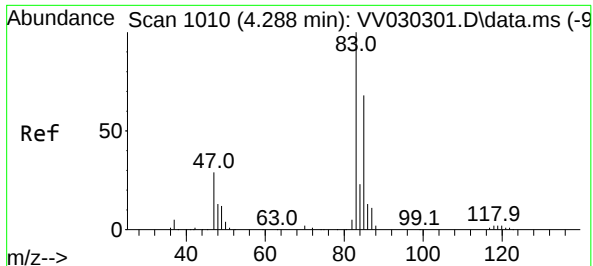
Tgt Ion: 96 Resp: 65474
 Ion Ratio Lower Upper
 96 100
 61 133.8 92.0 170.8
 68 0.0 0.0 0.0



#23
 Bromochloromethane
 Concen: 4.745 ug/L
 RT: 4.159 min Scan# 970
 Delta R.T. 0.003 min
 Lab File: VV030304.D
 Acq: 23 Mar 2023 11:46

Tgt Ion: 128 Resp: 30310
 Ion Ratio Lower Upper
 128 100
 49 167.8 119.4 221.8
 130 127.9 89.2 165.8
 51 53.8 44.8 67.2





#25

Chloroform

Concen: 4.669 ug/L

RT: 4.288 min Scan# 1010

Delta R.T. -0.000 min

Lab File: VV030304.D

Acq: 23 Mar 2023 11:46

Instrument :

MSVOA_V

ClientSampleId :

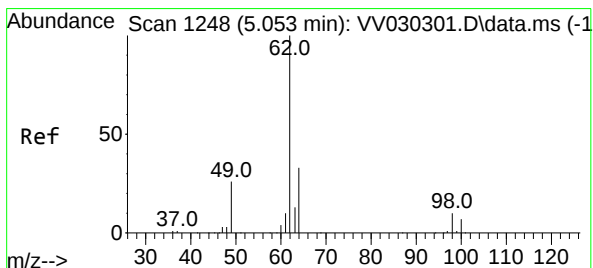
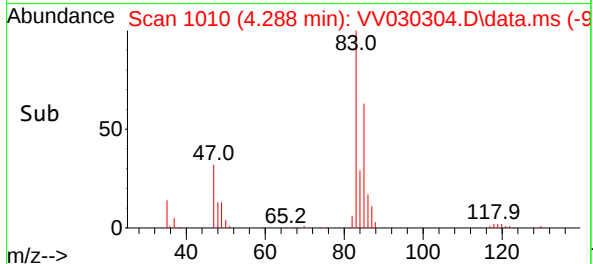
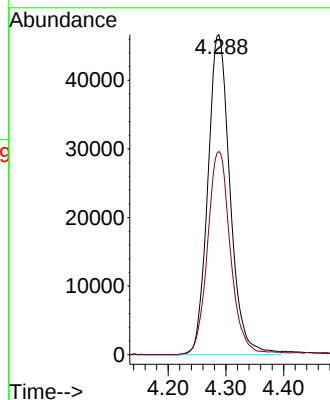
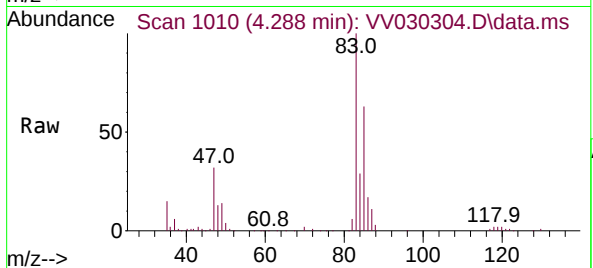
VICV233

Tgt Ion: 83 Resp: 124657

Ion Ratio Lower Upper

83 100

85 63.5 47.6 88.4



#27

1,2-Dichloroethane

Concen: 4.625 ug/L

RT: 5.053 min Scan# 1248

Delta R.T. -0.000 min

Lab File: VV030304.D

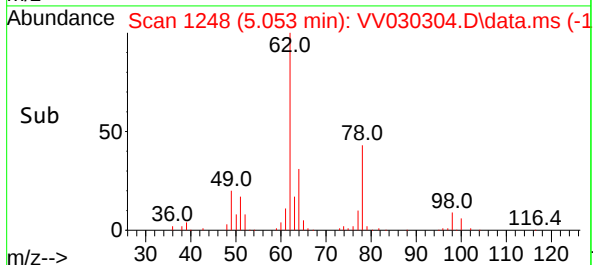
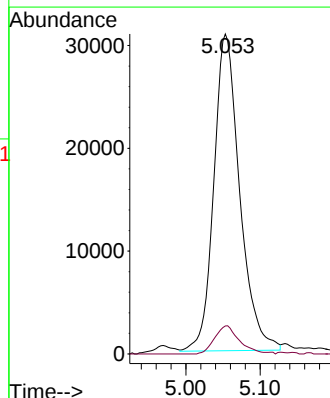
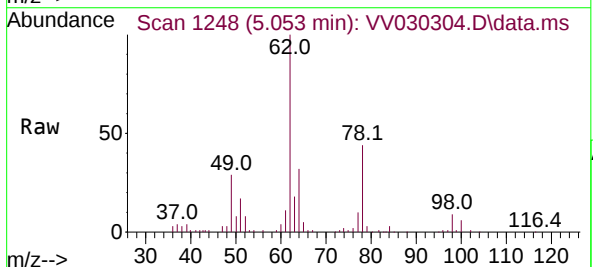
Acq: 23 Mar 2023 11:46

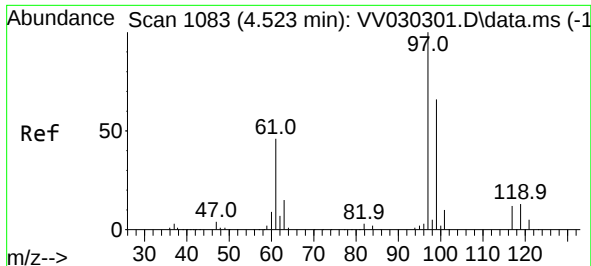
Tgt Ion: 62 Resp: 74666

Ion Ratio Lower Upper

62 100

98 8.8 7.8 11.8





#29

1,1,1-Trichloroethane

Concen: 4.975 ug/L

RT: 4.522 min Scan# 1105

Delta R.T. -0.000 min

Lab File: VV030304.D

Acq: 23 Mar 2023 11:46

Instrument :

MSVOA_V

ClientSampleId :

VICV233

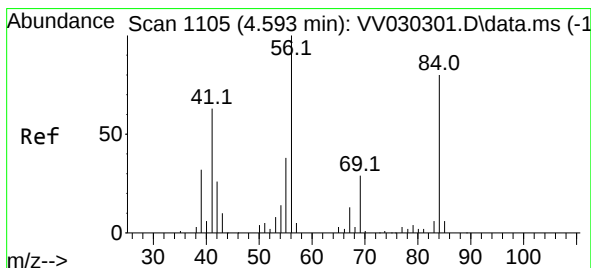
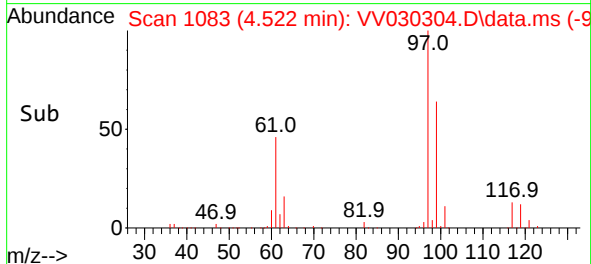
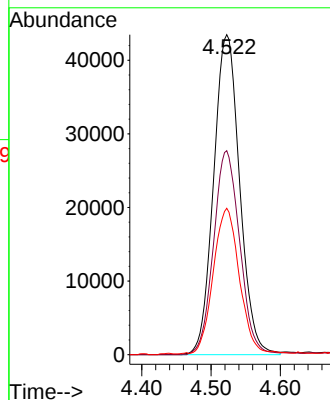
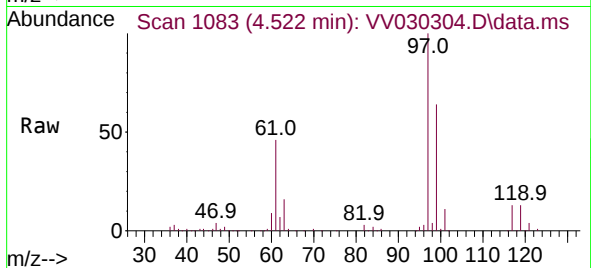
Tgt Ion: 97 Resp: 113682

Ion Ratio Lower Upper

97 100

99 64.0 50.9 76.3

61 45.2 35.9 53.9



#30

Cyclohexane

Concen: 5.273 ug/L

RT: 4.593 min Scan# 1105

Delta R.T. -0.000 min

Lab File: VV030304.D

Acq: 23 Mar 2023 11:46

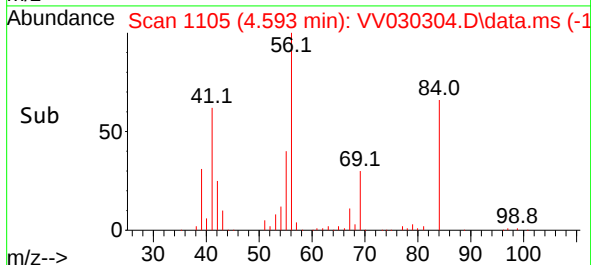
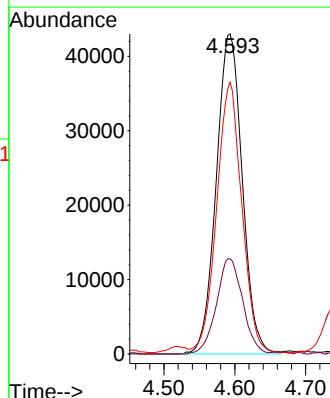
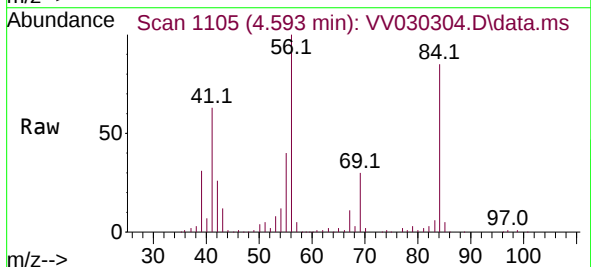
Tgt Ion: 56 Resp: 109758

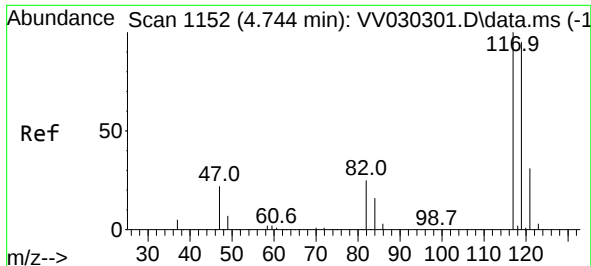
Ion Ratio Lower Upper

56 100

69 30.0 24.2 36.2

84 82.1 66.6 100.0

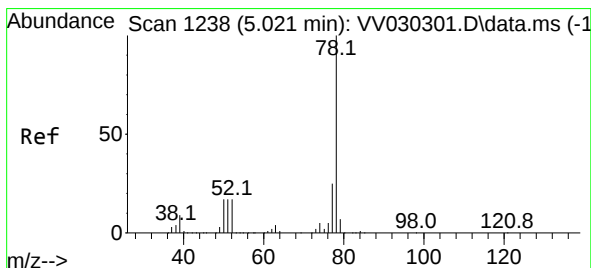
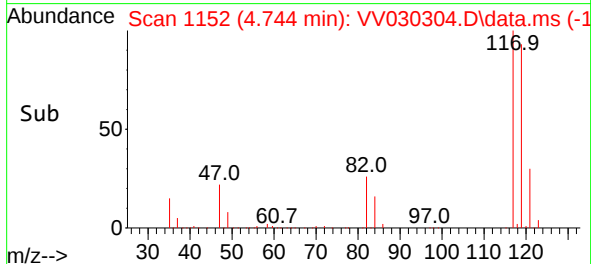
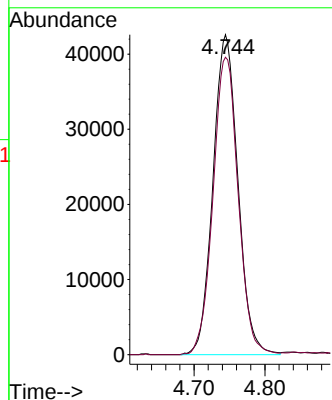
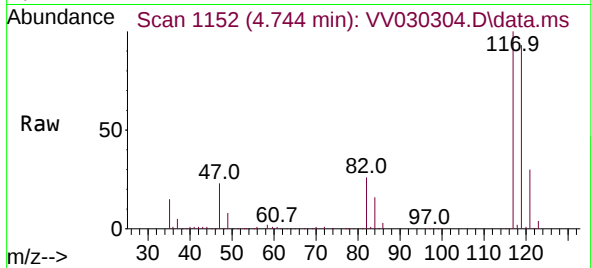




#31
Carbon tetrachloride
Concen: 5.019 ug/L
RT: 4.744 min Scan# 1152
Delta R.T. -0.000 min
Lab File: VV030304.D
Acq: 23 Mar 2023 11:46

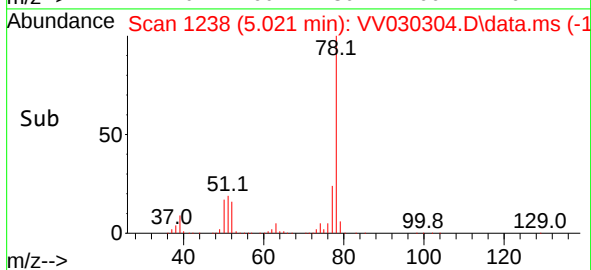
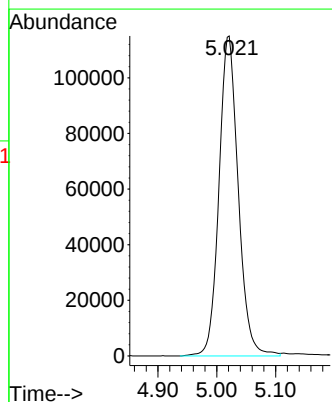
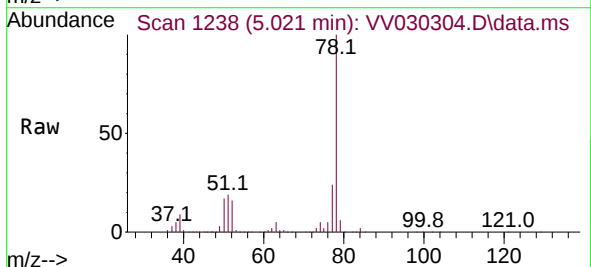
Instrument :
MSVOA_V
ClientSampleId :
VICV233

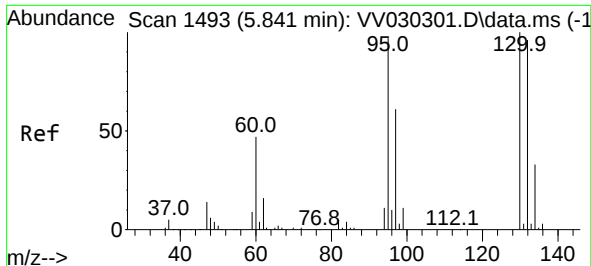
Tgt Ion:117 Resp: 104074
Ion Ratio Lower Upper
117 100
119 94.0 76.2 114.4



#33
Benzene
Concen: 5.182 ug/L
RT: 5.021 min Scan# 1238
Delta R.T. -0.000 min
Lab File: VV030304.D
Acq: 23 Mar 2023 11:46

Tgt Ion: 78 Resp: 261687

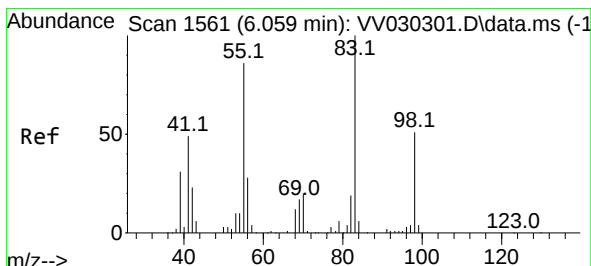
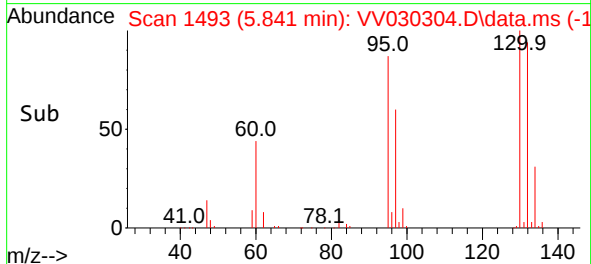
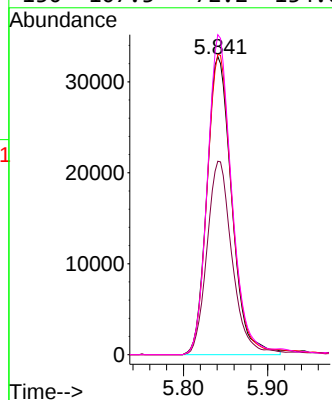
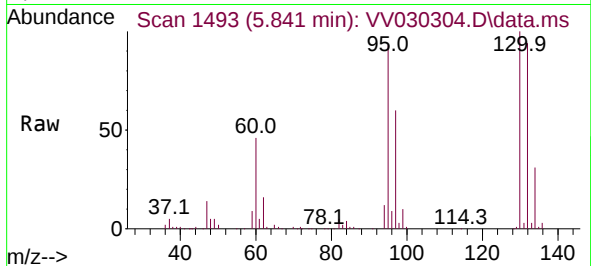




#34
Trichloroethene
Concen: 4.935 ug/L
RT: 5.841 min Scan# 1493
Delta R.T. -0.000 min
Lab File: VV030304.D
Acq: 23 Mar 2023 11:46

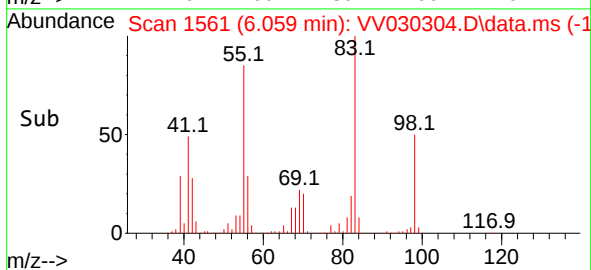
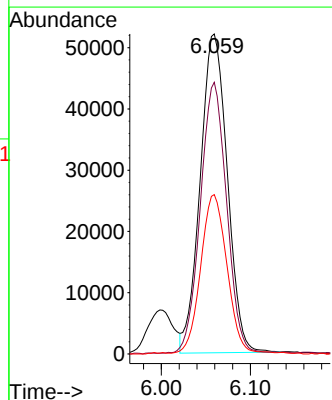
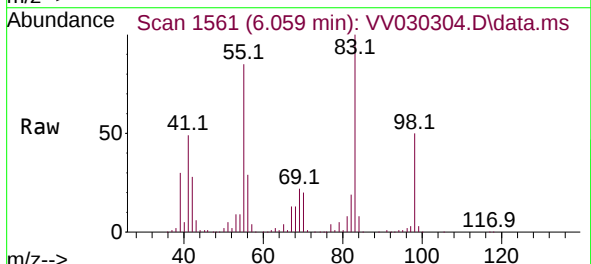
Instrument :
MSVOA_V
ClientSampleId :
VICV233

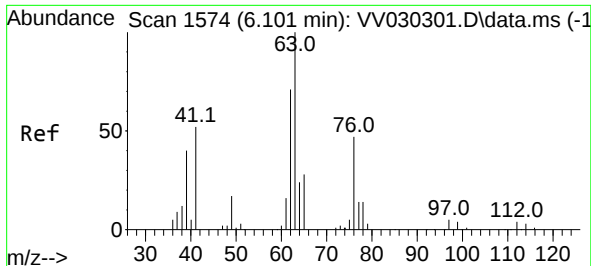
Tgt Ion: 95 Resp: 67213
Ion Ratio Lower Upper
95 100
97 64.9 44.2 82.2
132 100.7 69.5 129.1
130 107.3 72.2 134.0



#35
Methylcyclohexane
Concen: 5.145 ug/L
RT: 6.059 min Scan# 1561
Delta R.T. -0.000 min
Lab File: VV030304.D
Acq: 23 Mar 2023 11:46

Tgt Ion: 83 Resp: 109975
Ion Ratio Lower Upper
83 100
55 82.3 66.6 100.0
98 48.0 38.6 58.0





#37

1,2-Dichloropropane

Concen: 5.031 ug/L

RT: 6.101 min Scan# 11

Delta R.T. -0.000 min

Lab File: VV030304.D

Acq: 23 Mar 2023 11:46

Instrument :

MSVOA_V

ClientSampleId :

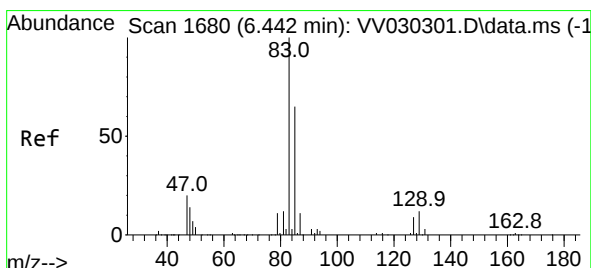
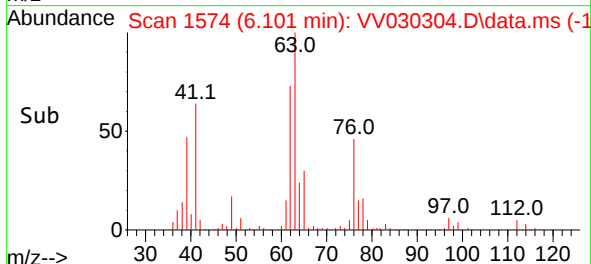
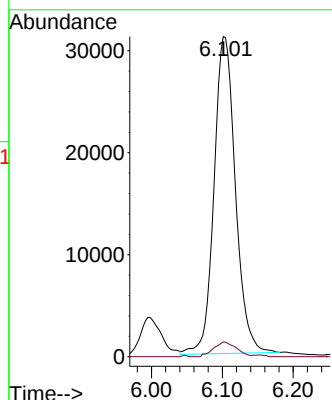
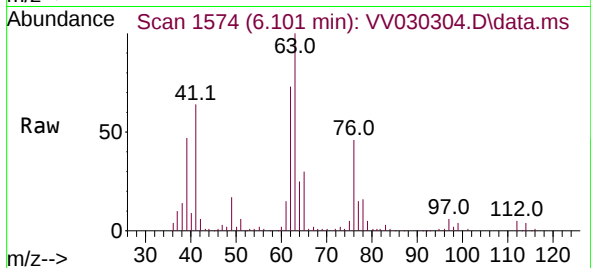
VICV233

Tgt Ion: 63 Resp: 65225

Ion Ratio Lower Upper

63 100

112 4.9 3.9 5.9



#38

Bromodichloromethane

Concen: 5.029 ug/L

RT: 6.442 min Scan# 1680

Delta R.T. -0.000 min

Lab File: VV030304.D

Acq: 23 Mar 2023 11:46

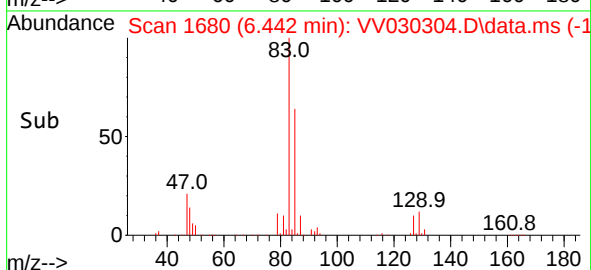
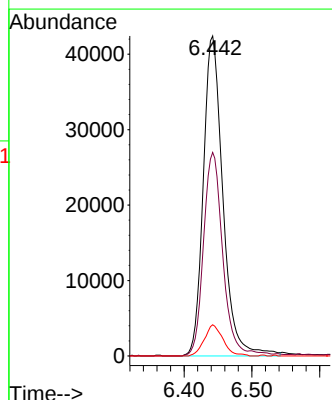
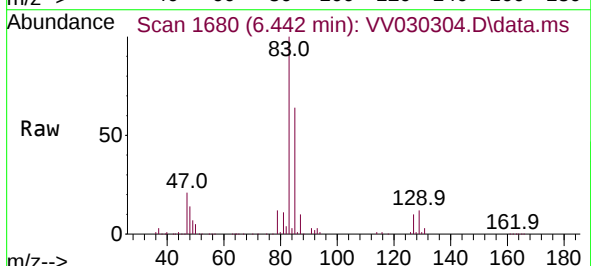
Tgt Ion: 83 Resp: 85376

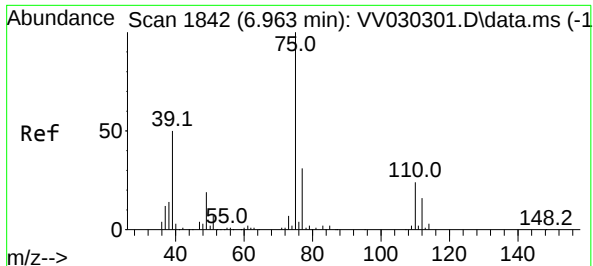
Ion Ratio Lower Upper

83 100

85 63.6 45.3 84.1

127 9.7 7.0 10.4





#39

cis-1,3-Dichloropropene

Concen: 5.049 ug/L

RT: 6.963 min Scan# 11

Delta R.T. -0.000 min

Lab File: VV030304.D

Acq: 23 Mar 2023 11:46

Instrument :

MSVOA_V

ClientSampleId :

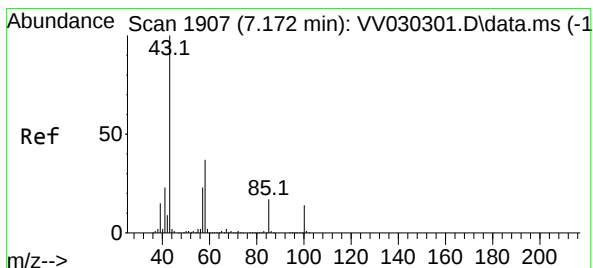
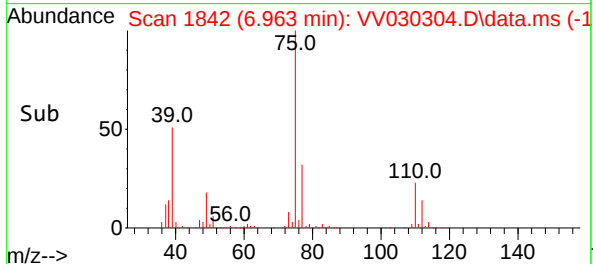
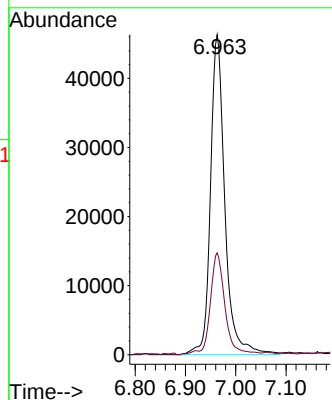
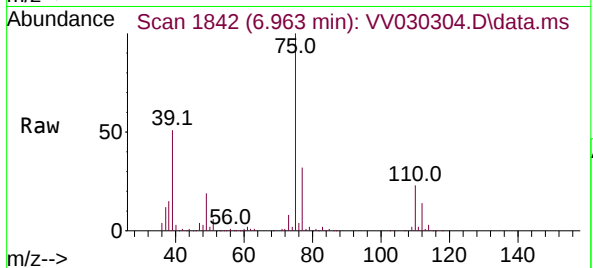
VICV233

Tgt Ion: 75 Resp: 92049

Ion Ratio Lower Upper

75 100

77 31.8 22.0 41.0



#40

4-Methyl-2-pentanone

Concen: 50.615 ug/L

RT: 7.172 min Scan# 1907

Delta R.T. -0.000 min

Lab File: VV030304.D

Acq: 23 Mar 2023 11:46

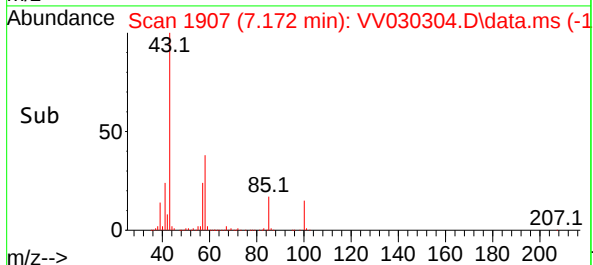
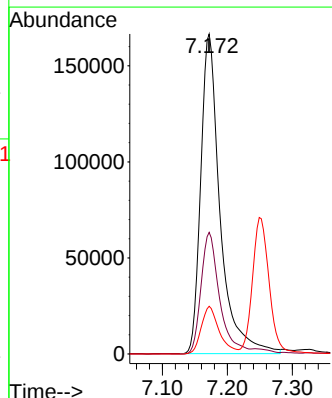
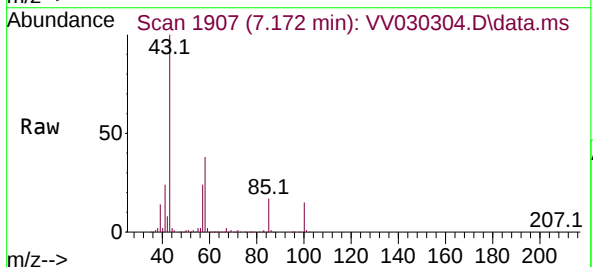
Tgt Ion: 43 Resp: 345763

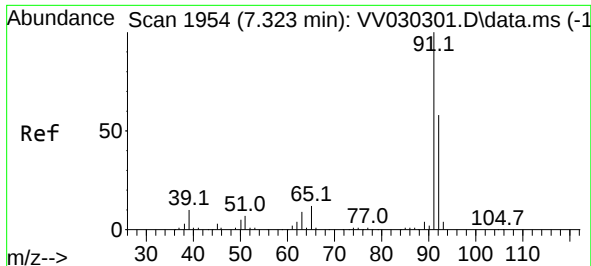
Ion Ratio Lower Upper

43 100

58 36.5 28.8 43.2

100 13.9 10.7 16.1

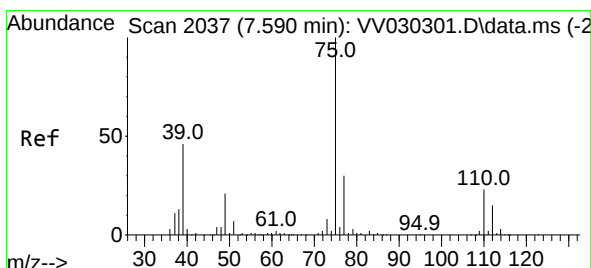
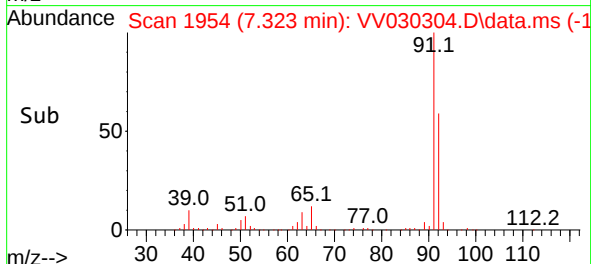
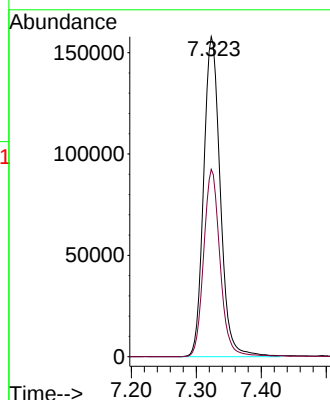
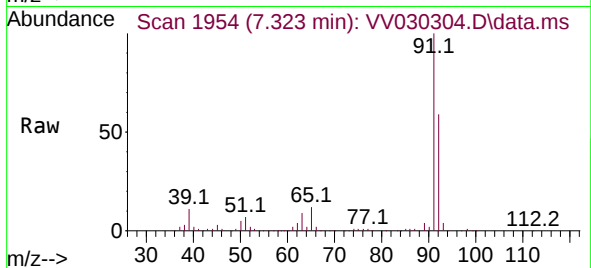




#42
Toluene
Concen: 5.243 ug/L
RT: 7.323 min Scan# 1954
Delta R.T. -0.000 min
Lab File: VV030304.D
Acq: 23 Mar 2023 11:46

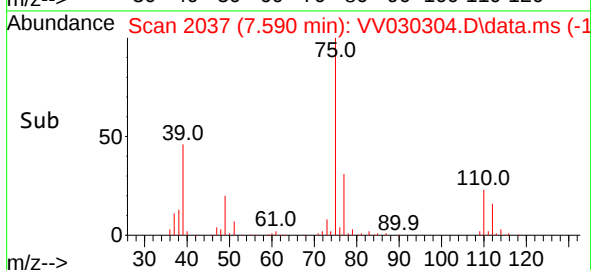
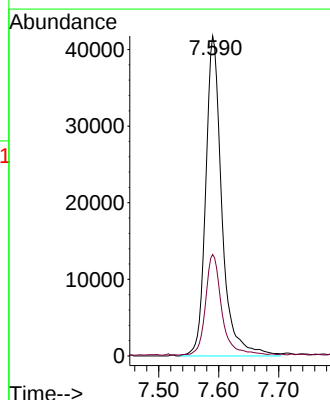
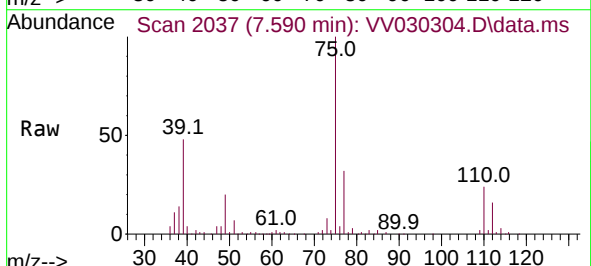
Instrument : MSVOA_V
ClientSampleId : VICV233

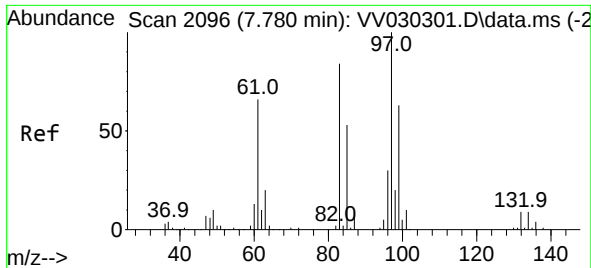
Tgt Ion: 91 Resp: 282016
Ion Ratio Lower Upper
91 100
92 58.6 40.4 75.0



#44
trans-1,3-Dichloropropene
Concen: 5.068 ug/L
RT: 7.590 min Scan# 2037
Delta R.T. -0.000 min
Lab File: VV030304.D
Acq: 23 Mar 2023 11:46

Tgt Ion: 75 Resp: 78614
Ion Ratio Lower Upper
75 100
77 31.7 21.2 39.4

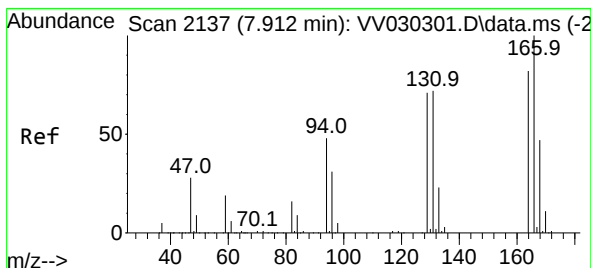
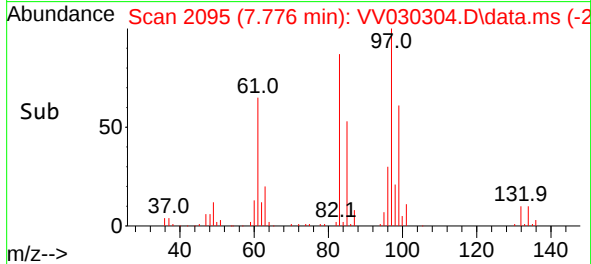
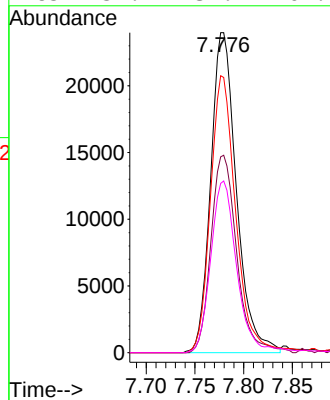
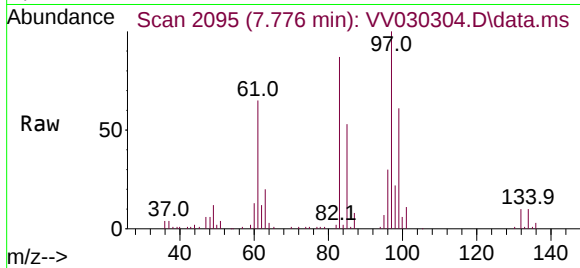




#45
1,1,2-Trichloroethane
Concen: 4.828 ug/L
RT: 7.776 min Scan# 2095
Delta R.T. -0.003 min
Lab File: VV030304.D
Acq: 23 Mar 2023 11:46

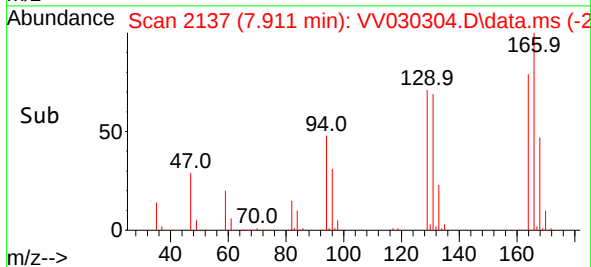
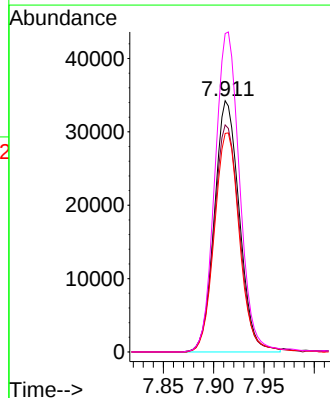
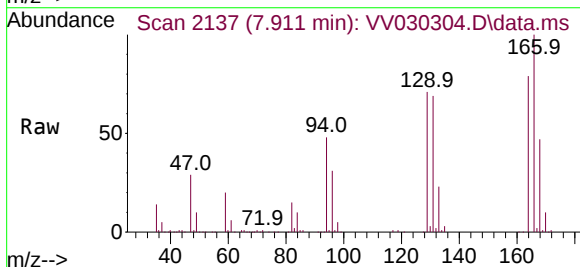
Instrument :
MSVOA_V
ClientSampleId :
VICV233

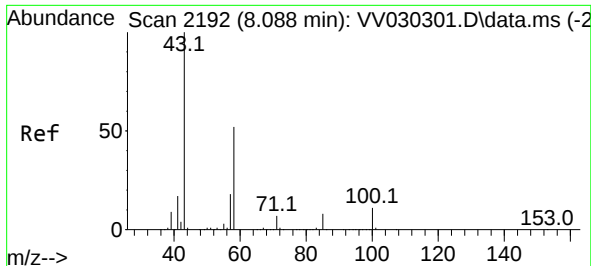
Tgt Ion:	97	Resp:	44069
Ion	Ratio	Lower	Upper
97	100		
99	61.2	44.0	81.8
83	86.6	58.8	109.2
85	52.9	37.2	69.0



#47
Tetrachloroethene
Concen: 4.925 ug/L
RT: 7.911 min Scan# 2137
Delta R.T. -0.000 min
Lab File: VV030304.D
Acq: 23 Mar 2023 11:46

Tgt Ion:	164	Resp:	59193
Ion	Ratio	Lower	Upper
164	100		
129	90.4	60.8	112.8
131	87.0	61.7	114.7
166	126.8	85.6	159.0



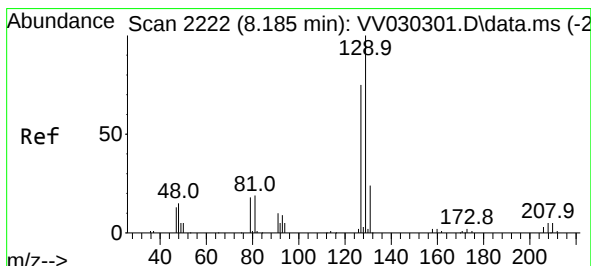
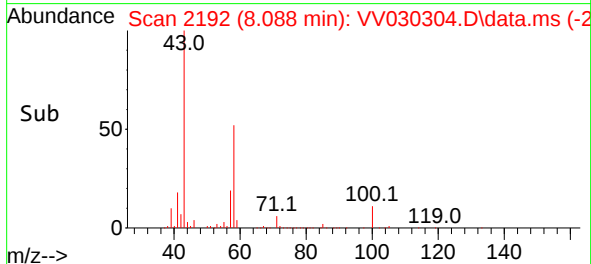
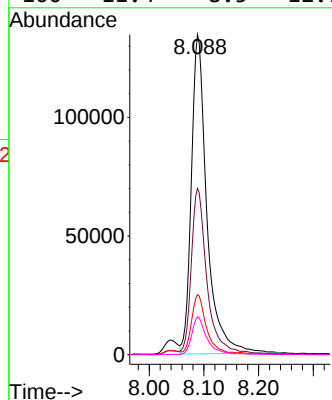
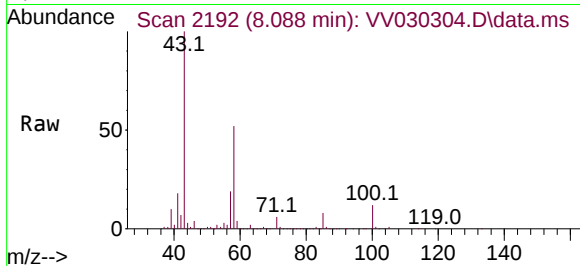


#48
2-Hexanone
Concen: 52.009 ug/L
RT: 8.088 min Scan# 2192
Delta R.T. -0.000 min
Lab File: VV030304.D
Acq: 23 Mar 2023 11:46

Instrument :
MSVOA_V
ClientSampleId :
VICV233

Tgt Ion: 43 Resp: 266081

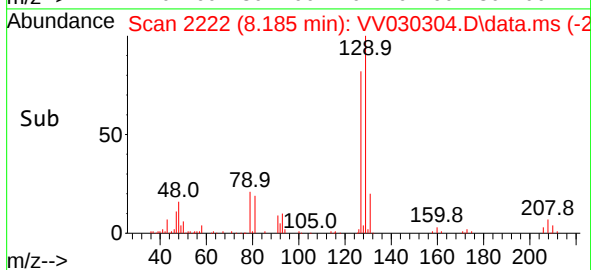
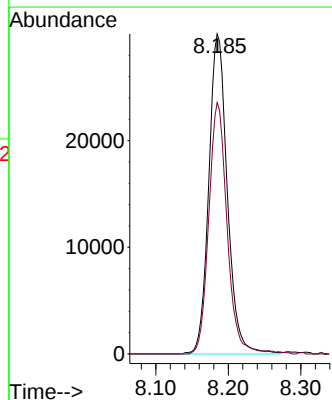
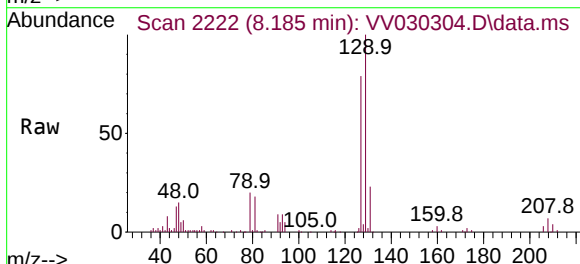
Ion	Ratio	Lower	Upper
43	100		
58	51.7	40.3	60.5
57	17.0	14.6	22.0
100	11.4	8.5	12.7

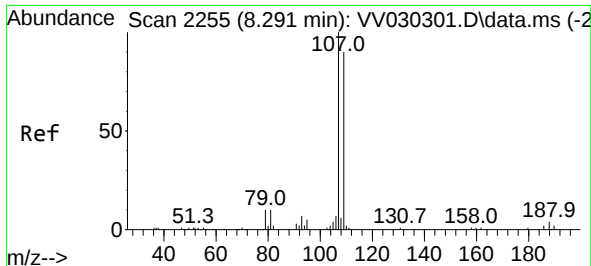


#49
Dibromochloromethane
Concen: 4.897 ug/L
RT: 8.185 min Scan# 2222
Delta R.T. -0.000 min
Lab File: VV030304.D
Acq: 23 Mar 2023 11:46

Tgt Ion: 129 Resp: 53207

Ion	Ratio	Lower	Upper
129	100		
127	78.5	52.7	97.9





#50

1,2-Dibromoethane

Concen: 5.001 ug/L

RT: 8.291 min Scan# 21

Delta R.T. -0.000 min

Lab File: VV030304.D

Acq: 23 Mar 2023 11:46

Instrument :

MSVOA_V

ClientSampleId :

VICV233

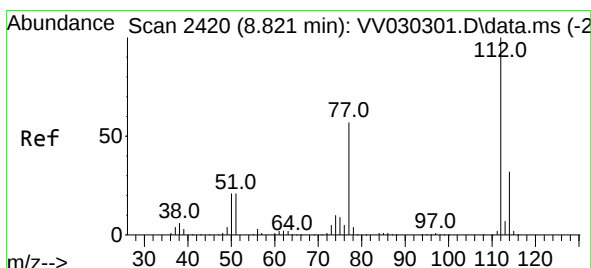
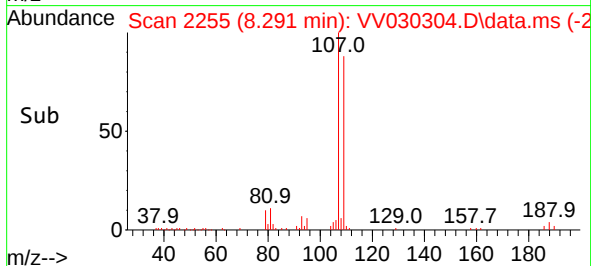
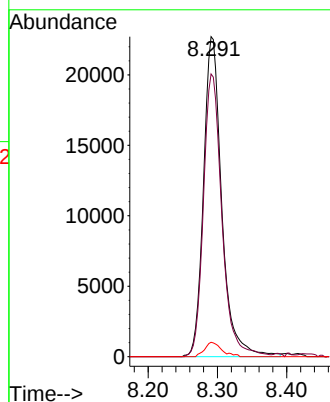
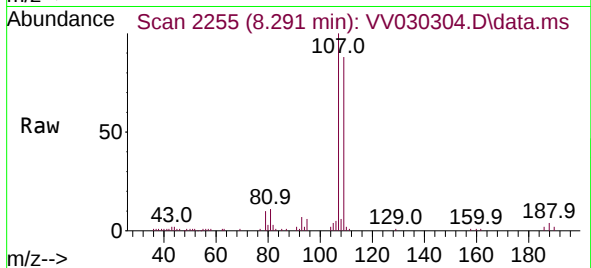
Tgt Ion:107 Resp: 41529

Ion Ratio Lower Upper

107 100

109 88.3 62.9 116.9

188 4.5 3.0 4.6



#51

Chlorobenzene

Concen: 5.189 ug/L

RT: 8.821 min Scan# 2420

Delta R.T. -0.000 min

Lab File: VV030304.D

Acq: 23 Mar 2023 11:46

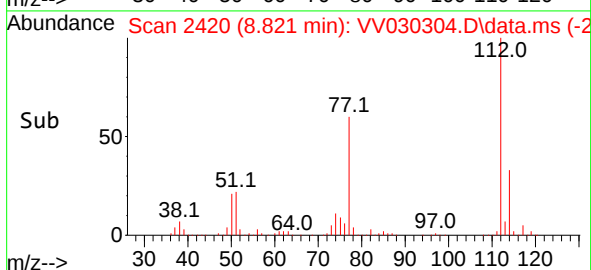
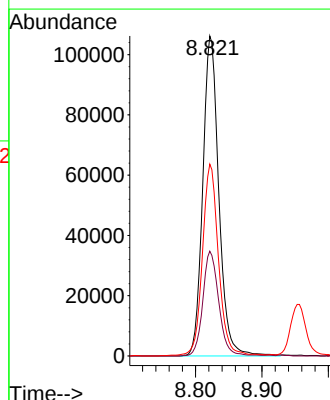
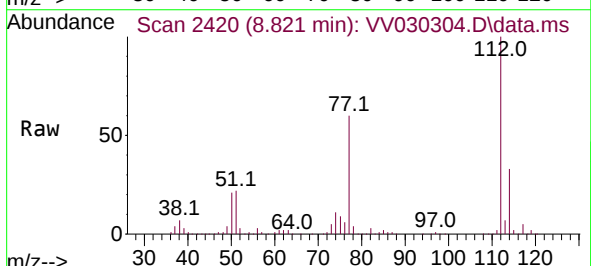
Tgt Ion:112 Resp: 178704

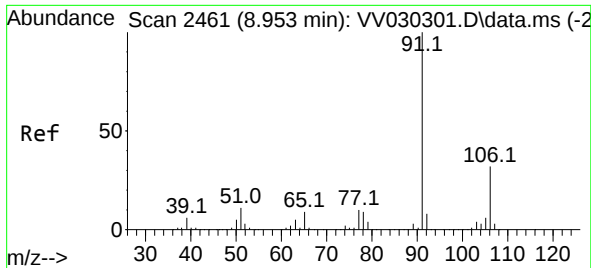
Ion Ratio Lower Upper

112 100

114 32.8 22.4 41.6

77 60.0 45.9 68.9

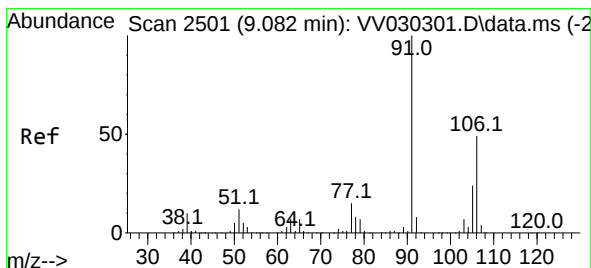
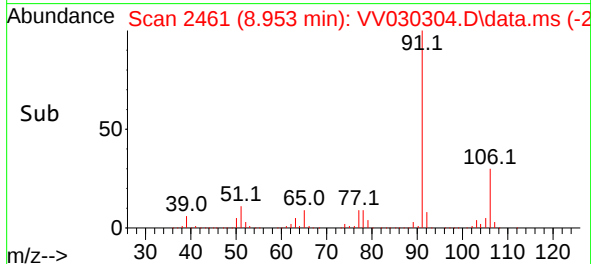
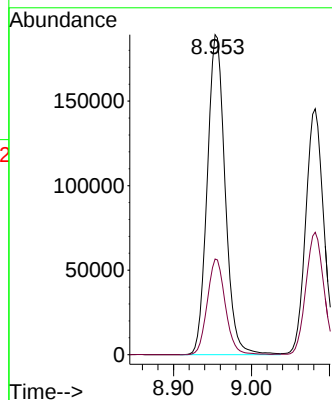
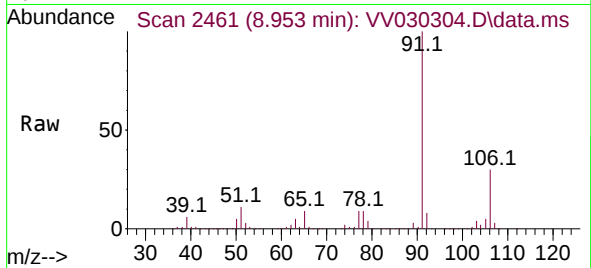




#52
Ethylbenzene
Concen: 5.136 ug/L
RT: 8.953 min Scan# 2461
Delta R.T. -0.000 min
Lab File: VV030304.D
Acq: 23 Mar 2023 11:46

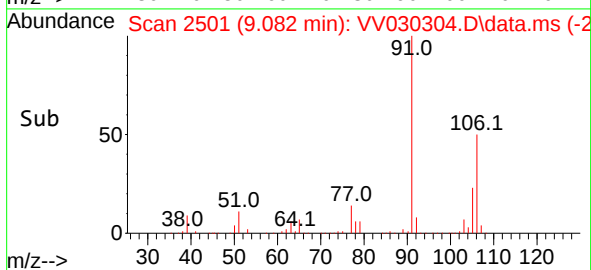
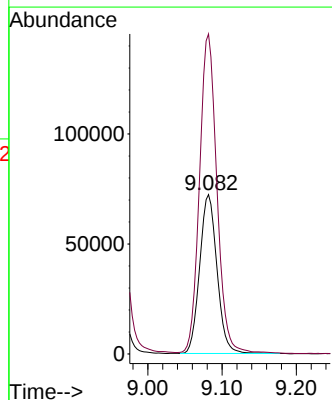
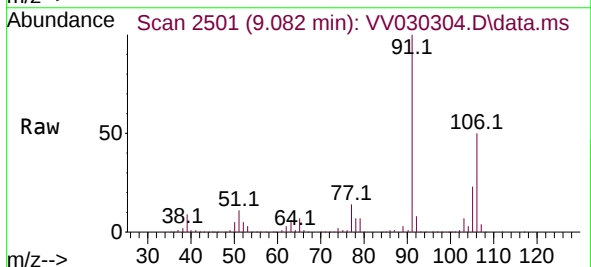
Instrument :
MSVOA_V
ClientSampleId :
VICV233

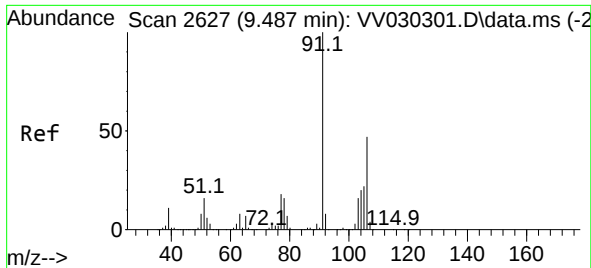
Tgt Ion: 91 Resp: 302242
Ion Ratio Lower Upper
91 100
106 29.9 22.2 41.2



#53
m,p-Xylene
Concen: 5.201 ug/L
RT: 9.082 min Scan# 2501
Delta R.T. -0.000 min
Lab File: VV030304.D
Acq: 23 Mar 2023 11:46

Tgt Ion: 106 Resp: 117150
Ion Ratio Lower Upper
106 100
91 200.8 142.4 264.4

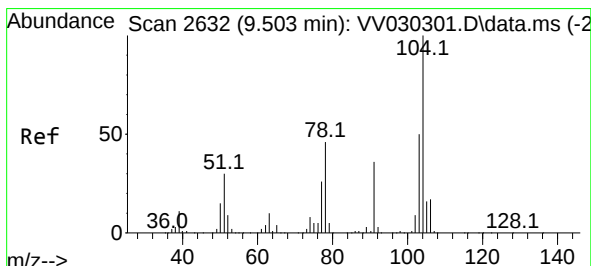
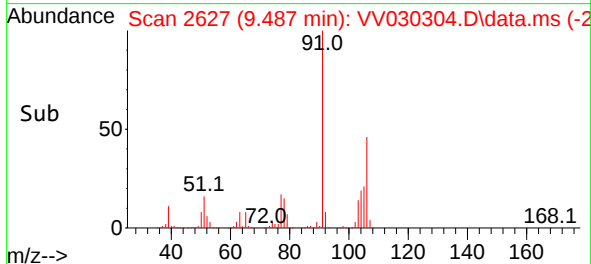
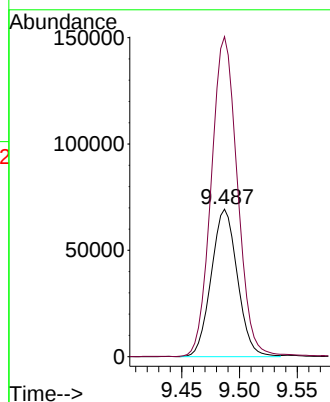
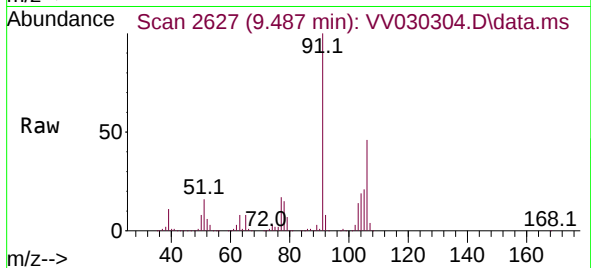




#54
o-Xylene
Concen: 5.072 ug/L
RT: 9.487 min Scan# 2627
Delta R.T. -0.000 min
Lab File: VV030304.D
Acq: 23 Mar 2023 11:46

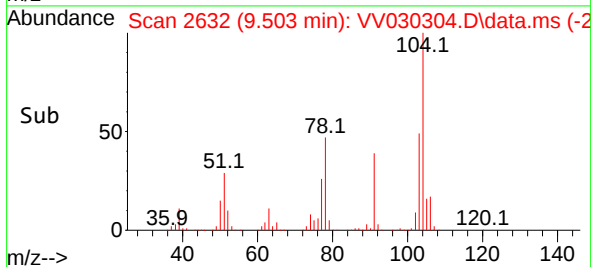
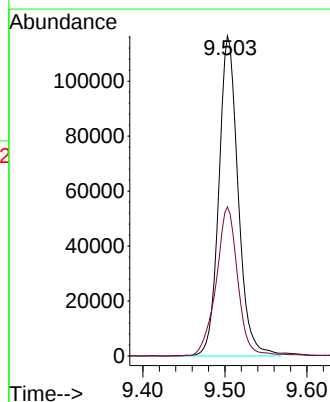
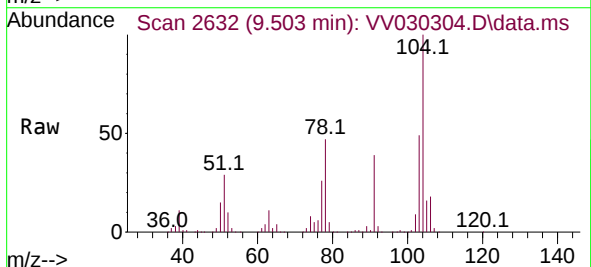
Instrument :
MSVOA_V
ClientSampleId :
VICV233

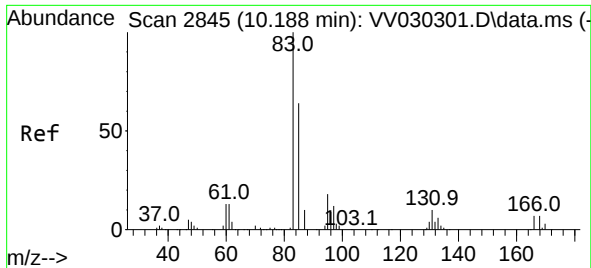
Tgt Ion:106 Resp: 109329
Ion Ratio Lower Upper
106 100
91 216.9 149.8 278.2



#55
Styrene
Concen: 5.194 ug/L
RT: 9.503 min Scan# 2632
Delta R.T. -0.000 min
Lab File: VV030304.D
Acq: 23 Mar 2023 11:46

Tgt Ion:104 Resp: 190148
Ion Ratio Lower Upper
104 100
78 46.6 31.9 59.2

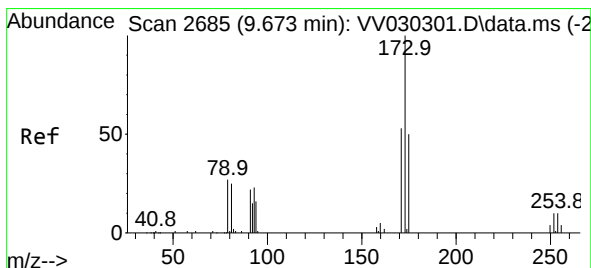
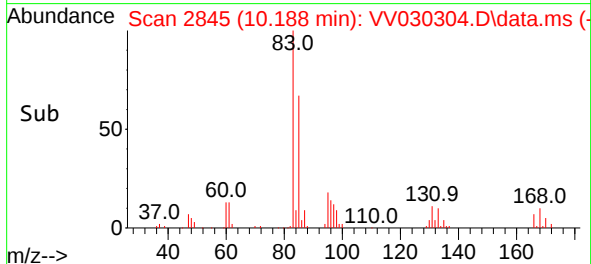
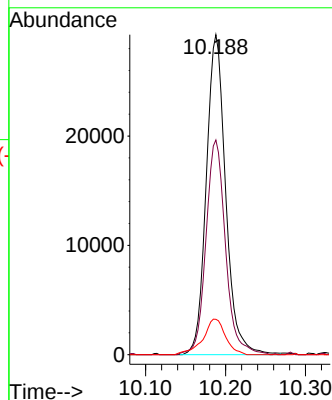
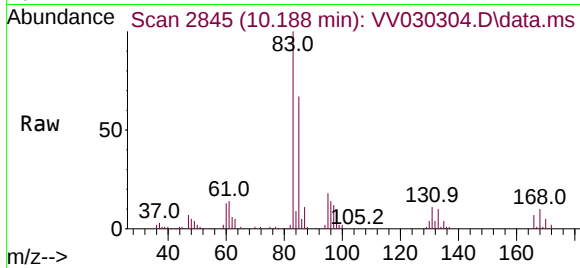




#57
1,1,2,2-Tetrachloroethane
Concen: 4.568 ug/L
RT: 10.188 min Scan# 2845
Delta R.T. -0.000 min
Lab File: VV030304.D
Acq: 23 Mar 2023 11:46

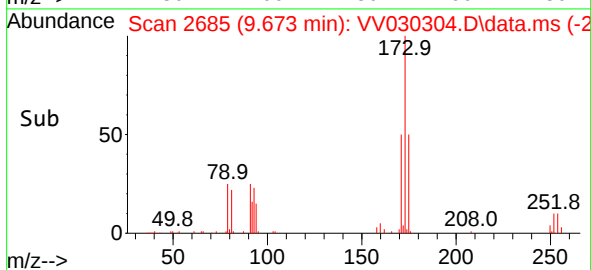
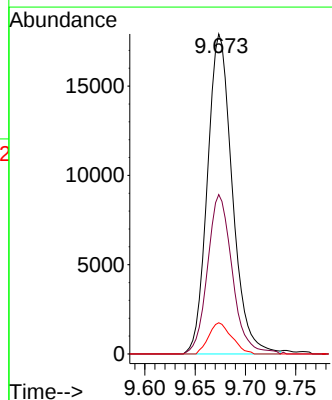
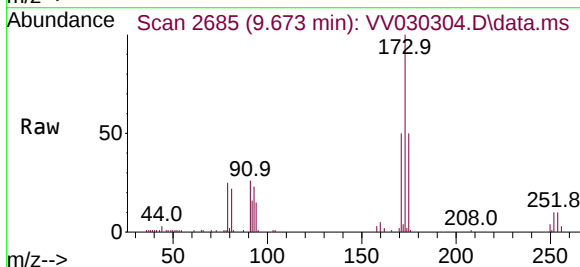
Instrument : MSVOA_V
ClientSampleId : VICV233

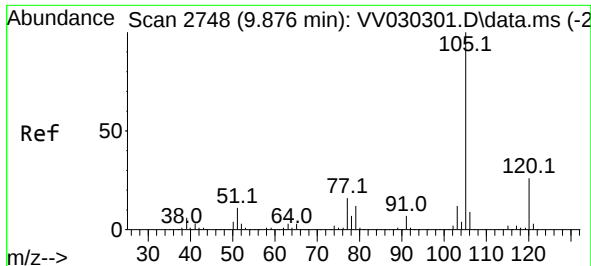
Tgt Ion: 83 Resp: 49492
Ion Ratio Lower Upper
83 100
85 67.1 45.3 84.1
131 11.1 8.2 12.4



#59
Bromoform
Concen: 4.796 ug/L
RT: 9.673 min Scan# 2685
Delta R.T. -0.000 min
Lab File: VV030304.D
Acq: 23 Mar 2023 11:46

Tgt Ion: 173 Resp: 30872
Ion Ratio Lower Upper
173 100
175 49.4 39.0 58.4
254 9.0 8.2 12.4

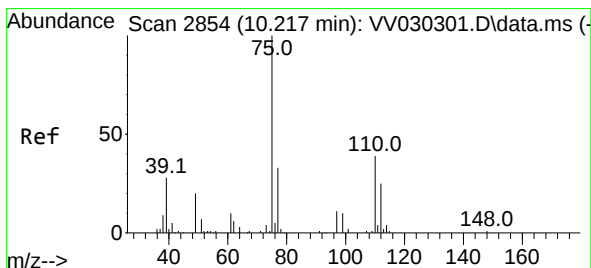
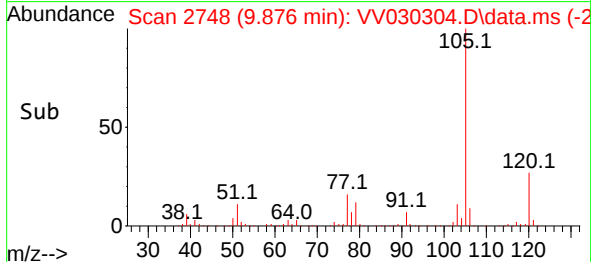
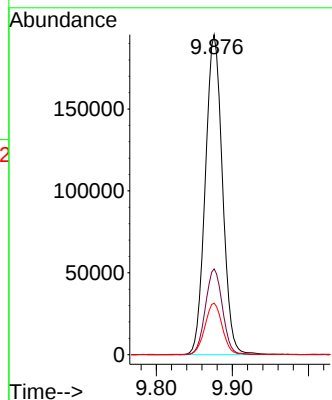
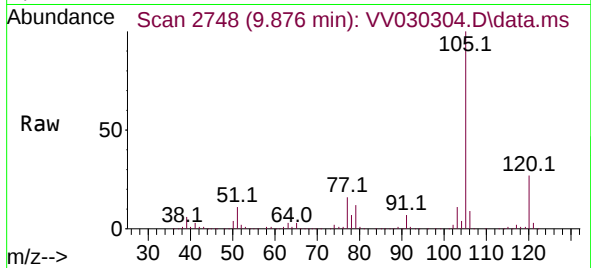




#60
Isopropylbenzene
Concen: 5.199 ug/L
RT: 9.876 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV030304.D
Acq: 23 Mar 2023 11:46

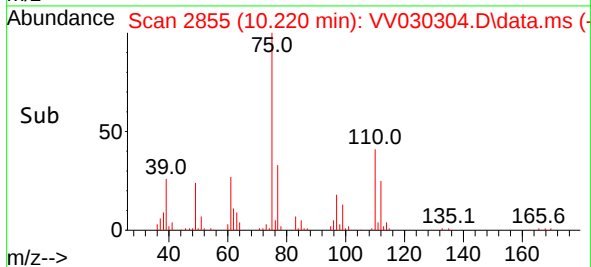
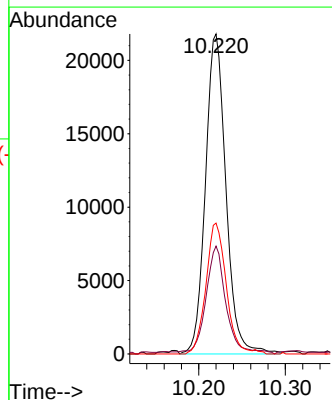
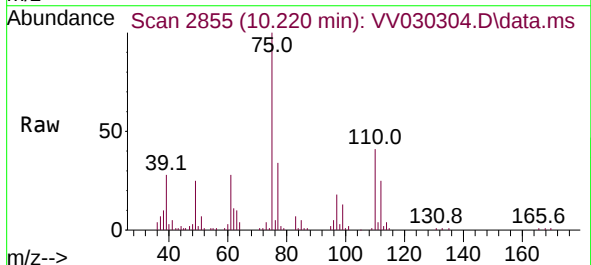
Instrument :
MSVOA_V
ClientSampleId :
VICV233

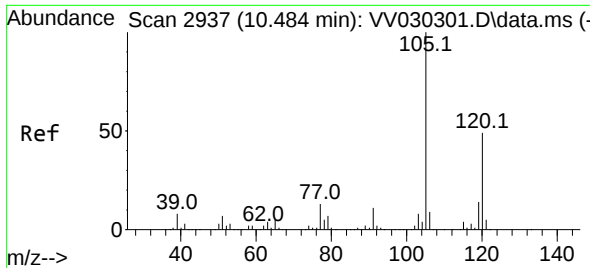
Tgt Ion:105 Resp: 305296
Ion Ratio Lower Upper
105 100
120 26.9 21.1 31.7
77 16.2 12.9 19.3



#61
1,2,3-Trichloropropane
Concen: 5.042 ug/L
RT: 10.220 min Scan# 2855
Delta R.T. 0.003 min
Lab File: VV030304.D
Acq: 23 Mar 2023 11:46

Tgt Ion: 75 Resp: 35899
Ion Ratio Lower Upper
75 100
77 33.2 26.0 39.0
110 40.7 31.6 47.4

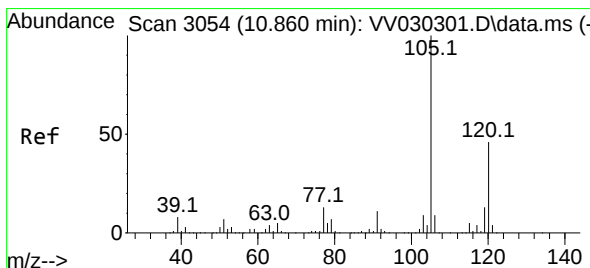
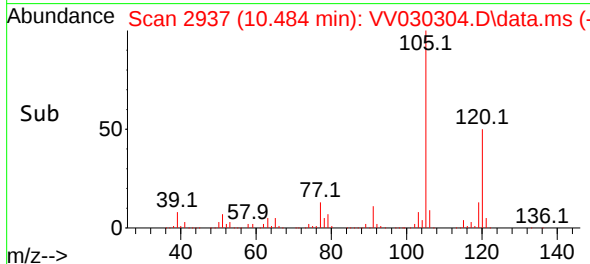
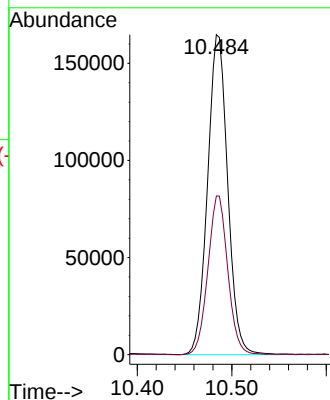
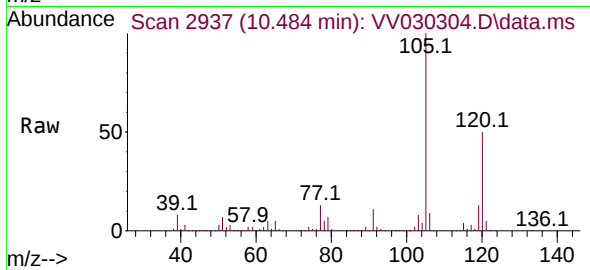




#62
1,3,5-Trimethylbenzene
Concen: 5.086 ug/L
RT: 10.484 min Scan# 2937
Delta R.T. -0.000 min
Lab File: VV030304.D
Acq: 23 Mar 2023 11:46

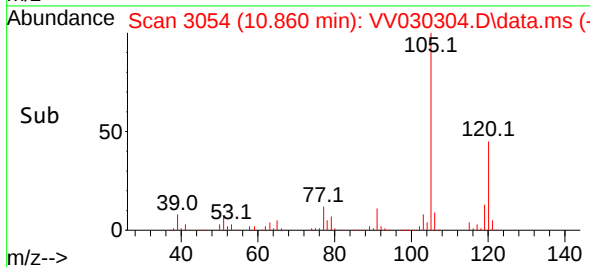
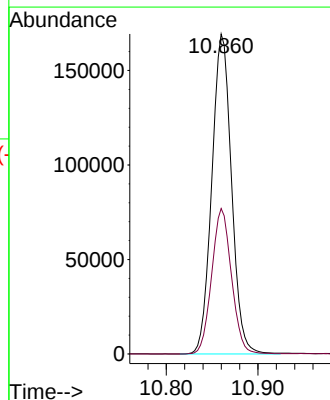
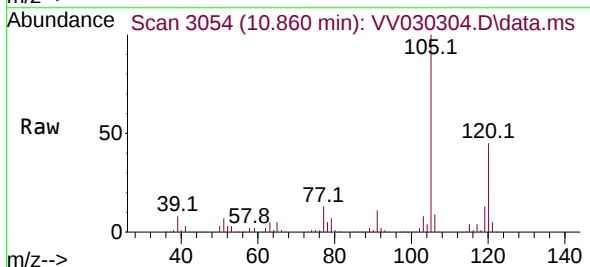
Instrument :
MSVOA_V
ClientSampleId :
VICV233

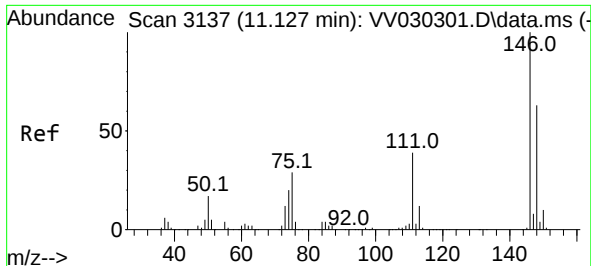
Tgt Ion:105 Resp: 243702
Ion Ratio Lower Upper
105 100
120 49.1 38.9 58.3



#63
1,2,4-Trimethylbenzene
Concen: 5.176 ug/L
RT: 10.860 min Scan# 3054
Delta R.T. -0.000 min
Lab File: VV030304.D
Acq: 23 Mar 2023 11:46

Tgt Ion:105 Resp: 252761
Ion Ratio Lower Upper
105 100
120 45.6 36.8 55.2

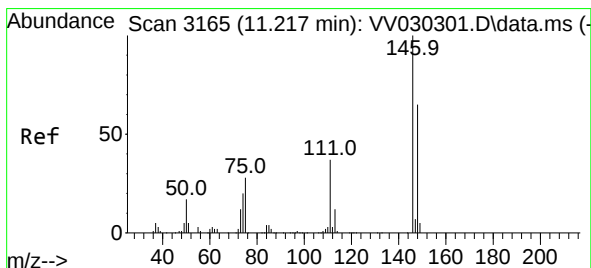
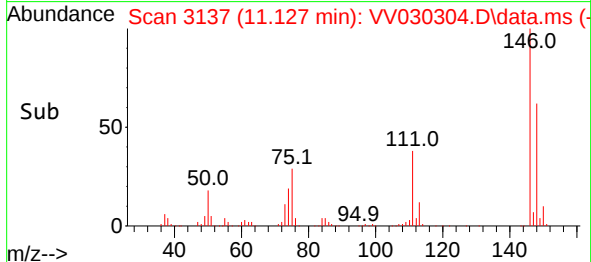
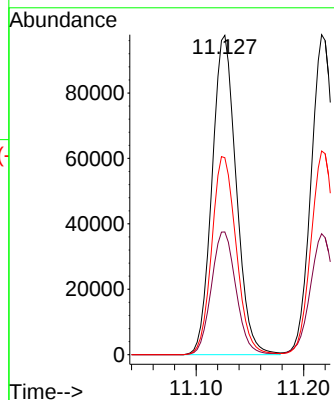
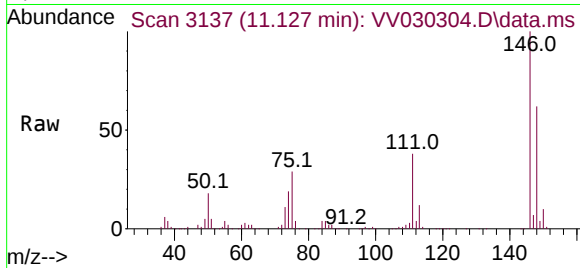




#64
1,3-Dichlorobenzene
Concen: 5.213 ug/L
RT: 11.127 min Scan# 3137
Delta R.T. -0.000 min
Lab File: VV030304.D
Acq: 23 Mar 2023 11:46

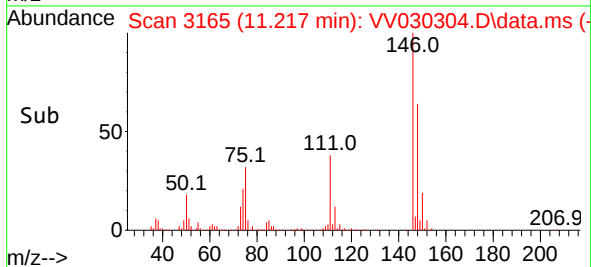
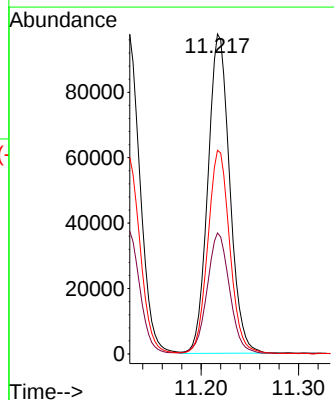
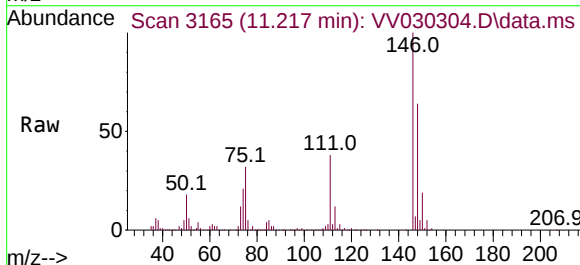
Instrument :
MSVOA_V
ClientSampleId :
VICV233

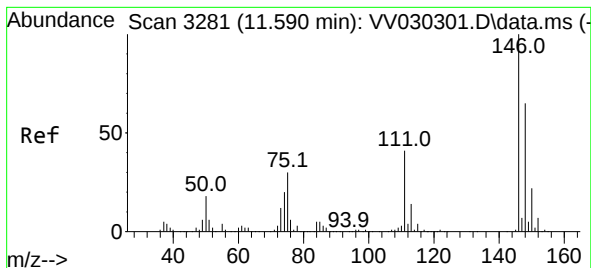
Tgt Ion:146 Resp: 152648
Ion Ratio Lower Upper
146 100
111 38.4 27.0 50.2
148 61.7 44.2 82.2



#65
1,4-Dichlorobenzene
Concen: 5.154 ug/L
RT: 11.217 min Scan# 3165
Delta R.T. -0.000 min
Lab File: VV030304.D
Acq: 23 Mar 2023 11:46

Tgt Ion:146 Resp: 152067
Ion Ratio Lower Upper
146 100
111 37.8 26.0 48.4
148 63.7 45.2 84.0





#67

1,2-Dichlorobenzene

Concen: 5.136 ug/L

RT: 11.590 min Scan# 3281

Delta R.T. -0.000 min

Lab File: VV030304.D

Acq: 23 Mar 2023 11:46

Instrument :

MSVOA_V

ClientSampleId :

VICV233

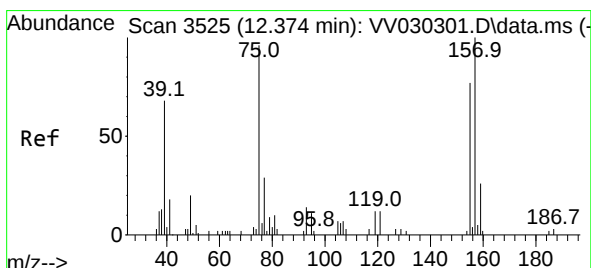
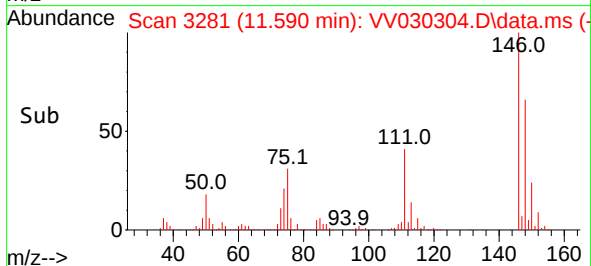
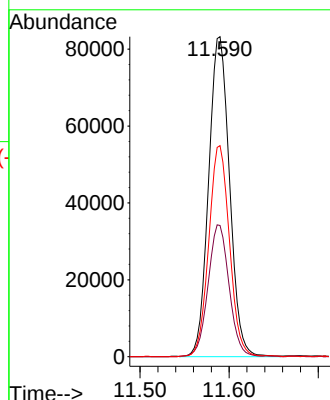
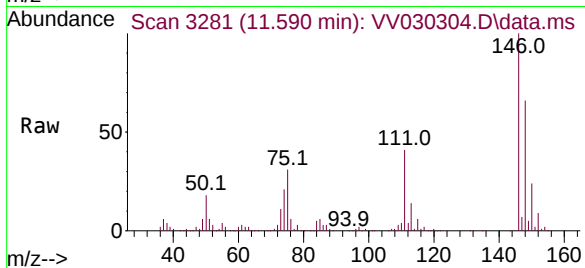
Tgt Ion:146 Resp: 135524

Ion Ratio Lower Upper

146 100

111 41.0 33.1 49.7

148 66.0 52.2 78.2



#68

1,2-Dibromo-3-chloropropane

Concen: 4.704 ug/L

RT: 12.374 min Scan# 3525

Delta R.T. -0.000 min

Lab File: VV030304.D

Acq: 23 Mar 2023 11:46

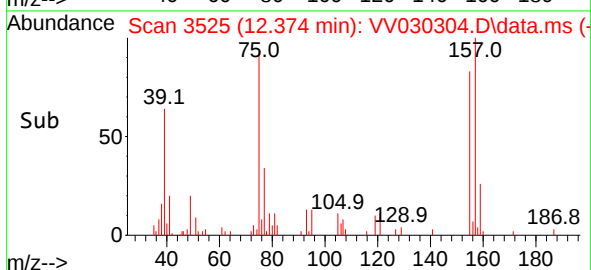
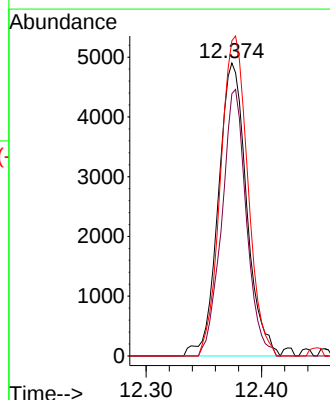
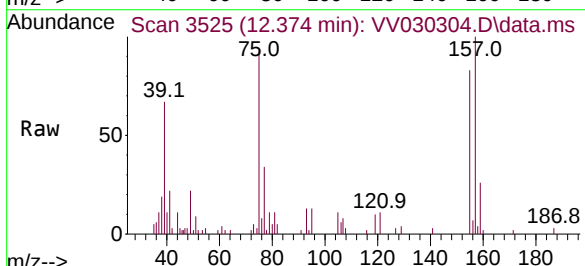
Tgt Ion: 75 Resp: 8331

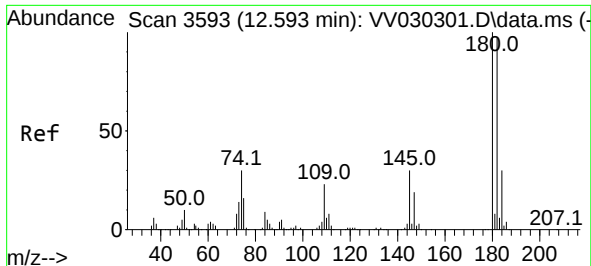
Ion Ratio Lower Upper

75 100

155 89.5 64.6 96.8

157 107.6 83.8 125.6





#69

1,3,5-Trichlorobenzene

Concen: 5.222 ug/L

RT: 12.593 min Scan# 3593

Delta R.T. -0.000 min

Lab File: VV030304.D

Acq: 23 Mar 2023 11:46

Instrument :

MSVOA_V

ClientSampleId :

VICV233

Tgt Ion:180 Resp: 117749

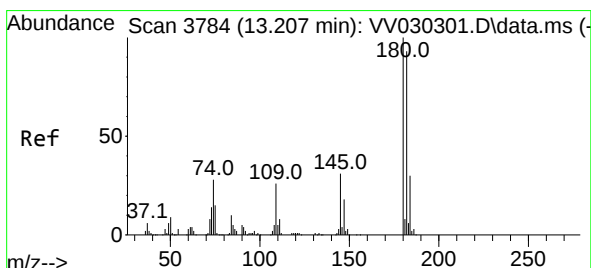
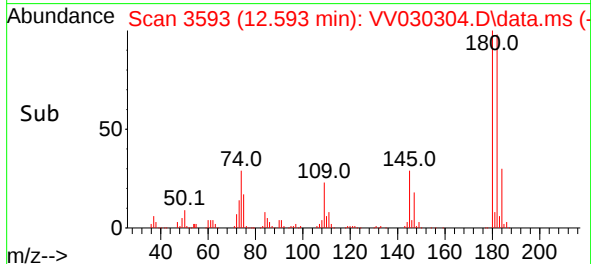
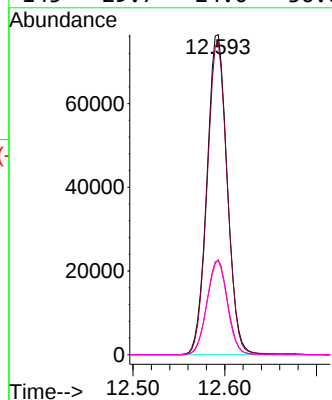
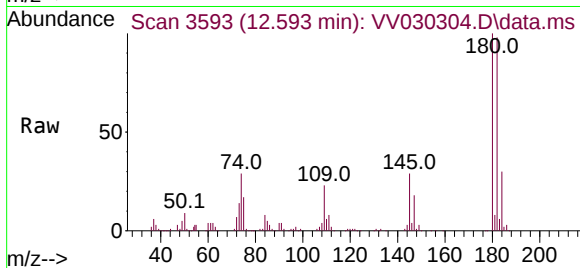
Ion Ratio Lower Upper

180 100

182 97.0 76.5 114.7

184 29.9 24.0 36.0

145 29.7 24.0 36.0



#70

1,2,4-trichlorobenzene

Concen: 5.451 ug/L

RT: 13.207 min Scan# 3784

Delta R.T. -0.000 min

Lab File: VV030304.D

Acq: 23 Mar 2023 11:46

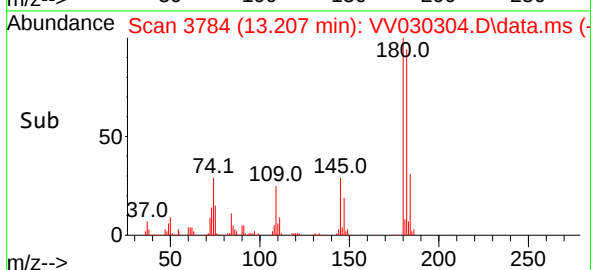
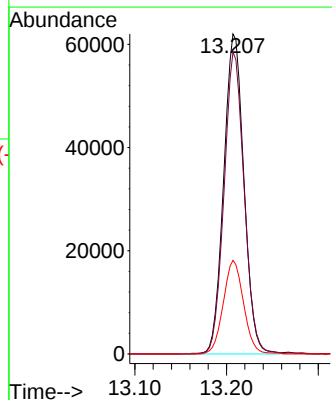
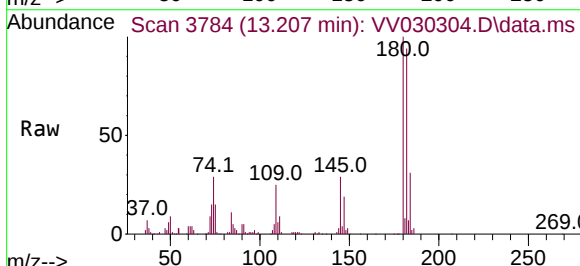
Tgt Ion:180 Resp: 94900

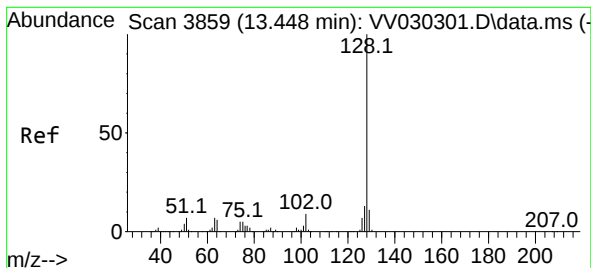
Ion Ratio Lower Upper

180 100

182 93.8 75.3 112.9

145 29.4 23.8 35.6





#71

Naphthalene

Concen: 5.558 ug/L

RT: 13.448 min Scan# 3859

Delta R.T. -0.000 min

Lab File: VV030304.D

Acq: 23 Mar 2023 11:46

Instrument :

MSVOA_V

ClientSampleId :

VICV233

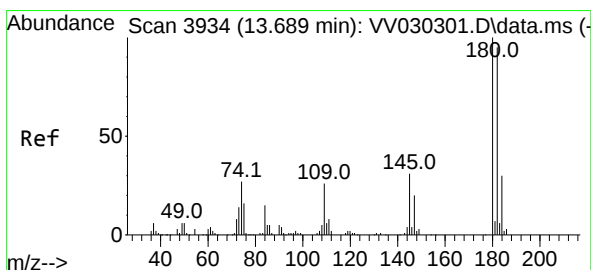
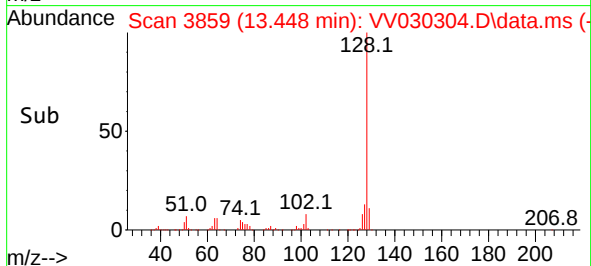
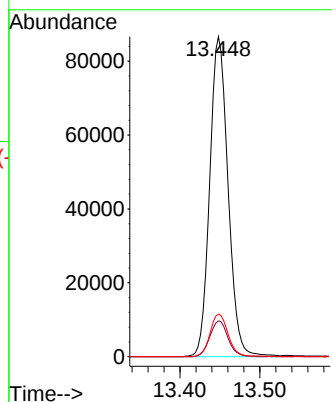
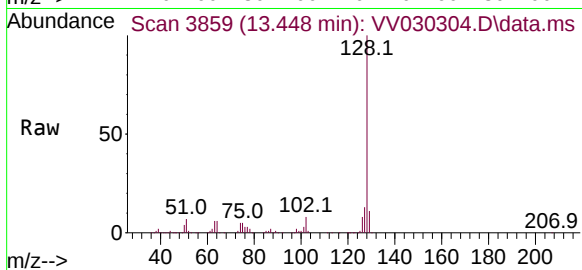
Tgt Ion:128 Resp: 138184

Ion Ratio Lower Upper

128 100

129 11.1 8.9 13.3

127 13.0 10.8 16.2



#72

1,2,3-Trichlorobenzene

Concen: 5.598 ug/L

RT: 13.689 min Scan# 3934

Delta R.T. -0.000 min

Lab File: VV030304.D

Acq: 23 Mar 2023 11:46

Tgt Ion:180 Resp: 84436

Ion Ratio Lower Upper

180 100

182 95.0 76.6 115.0

145 32.0 25.0 37.4

