

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW061423\
 Data File : VW031517.D
 Acq On : 14 Jun 2023 15:50
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VICV238

Quant Time: Jun 15 00:43:16 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM061423WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jun 15 00:30:14 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	227177	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	225209	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	132813	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	71197	47.090	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	94.180%
7) Chloroethane-d5	1.536	69	64865	49.169	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	98.340%
11) 1,1-Dichloroethene-d2	2.066	65	36139	46.378	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.760%
21) 2-Butanone-d5	3.796	46	141071	115.230	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	115.230%
24) Chloroform-d	4.259	84	191835	50.663	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.320%
26) 1,2-Dichloroethane-d4	4.950	65	123437	52.103	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.200%
32) Benzene-d6	4.969	84	324217	51.145	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.300%
36) 1,2-Dichloropropane-d6	5.995	67	114277	50.862	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	101.720%
41) Toluene-d8	7.249	98	301810	51.883	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.760%
43) trans-1,3-Dichloroprop...	7.558	79	58703	53.596	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	107.200%
47) 2-Hexanone-d5	8.030	63	106562	120.123	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	120.120%
56) 1,1,2,2-Tetrachloroeth...	10.159	84	174835	51.554	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	103.100%
66) 1,2-Dichlorobenzene-d4	11.567	152	128057	50.582	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.160%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.111	85	109205	45.319	ug/L	99
3) Chloromethane	1.217	50	105658	46.468	ug/L	99
5) Vinyl chloride	1.288	62	103881	46.087	ug/L	99
6) Bromomethane	1.490	94	72317	49.226	ug/L	100
8) Chloroethane	1.552	64	69863	47.989	ug/L	98
9) Trichlorofluoromethane	1.719	101	171948	45.854	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.076	101	94015	46.783	ug/L	96
12) 1,1-Dichloroethene	2.076	96	78941	46.962	ug/L	99
13) Acetone	2.121	43	95404	78.974	ug/L	97
14) Carbon disulfide	2.246	76	243574	47.904	ug/L	100
15) Methyl Acetate	2.378	43	109995	54.080	ug/L	99
16) Methylene chloride	2.455	84	100894	47.876	ug/L	99
17) trans-1,2-Dichloroethene	2.703	96	84875	48.372	ug/L	96
18) Methyl tert-butyl Ether	2.712	73	313839	53.605	ug/L	99
19) 1,1-Dichloroethane	3.121	63	185450	48.970	ug/L	99
20) cis-1,2-Dichloroethene	3.825	96	95935	50.593	ug/L	98
22) 2-Butanone	3.876	43	147075	97.456	ug/L	98
23) Bromochloromethane	4.156	128	51328	50.077	ug/L	94
25) Chloroform	4.288	83	194902	49.509	ug/L	99

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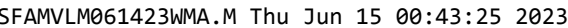
Instrument :
 MSVOA_V
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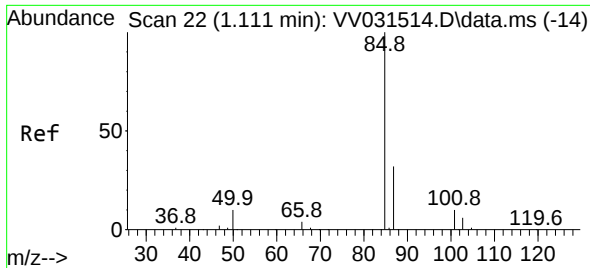
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 Quant Title : VOC Analysis
 QLast Update : Thu Jun 15 00:30:14 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.050	62	159020	52.339	ug/L	99
29) Cyclohexane	4.593	56	144096	49.179	ug/L	99
30) 1,1,1-Trichloroethane	4.523	97	172235	47.700	ug/L	99
31) Carbon tetrachloride	4.744	117	149808	46.826	ug/L	99
33) Benzene	5.018	78	372961	49.741	ug/L	100
34) Trichloroethene	5.841	95	96369	48.098	ug/L	96
35) Methylcyclohexane	6.059	83	143930	48.753	ug/L	100
37) 1,2-Dichloropropane	6.101	63	107808	48.964	ug/L	100
38) Bromodichloromethane	6.439	83	149312	50.171	ug/L	99
39) cis-1,3-Dichloropropene	6.960	75	170426	52.144	ug/L	99
40) 4-Methyl-2-pentanone	7.165	43	294078	113.749	ug/L	100
42) Toluene	7.323	91	396039	50.943	ug/L	99
44) trans-1,3-Dichloropropene	7.587	75	170147	53.458	ug/L	100
45) 1,1,2-Trichloroethane	7.776	97	106445	51.178	ug/L	98
46) Tetrachloroethene	7.911	164	73911	47.001	ug/L	98
48) 2-Hexanone	8.082	43	230863	111.809	ug/L	98
49) Dibromochloromethane	8.182	129	118141	51.107	ug/L	97
50) 1,2-Dibromoethane	8.288	107	114017	51.483	ug/L	99
51) Chlorobenzene	8.818	112	253145	49.165	ug/L	99
52) Ethylbenzene	8.953	91	435150	50.163	ug/L	100
53) m,p-Xylene	9.079	106	163223	51.380	ug/L	96
54) o-Xylene	9.484	106	154903	51.383	ug/L	100
55) Styrene	9.500	104	289109	53.697	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.185	83	175799	51.729	ug/L	96
59) Bromoform	9.670	173	87329	53.045	ug/L	96
60) Isopropylbenzene	9.873	105	429420	50.716	ug/L	99
61) 1,2,3-Trichloropropane	10.214	75	138680	52.866	ug/L	99
62) 1,3,5-Trimethylbenzene	10.484	105	360080	51.454	ug/L	99
63) 1,2,4-Trimethylbenzene	10.860	105	339234	52.026	ug/L	99
64) 1,3-Dichlorobenzene	11.124	146	213735	50.349	ug/L	99
65) 1,4-Dichlorobenzene	11.214	146	218631	48.332	ug/L	97
67) 1,2-Dichlorobenzene	11.587	146	213123	49.743	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.371	75	41534	53.345	ug/L	95
69) 1,3,5-Trichlorobenzene	12.590	180	158617	49.038	ug/L	99
70) 1,2,4-trichlorobenzene	13.204	180	145283	51.242	ug/L	98
71) Naphthalene	13.445	128	397566	55.359	ug/L	100
72) 1,2,3-Trichlorobenzene	13.686	180	152444	51.741	ug/L	98

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

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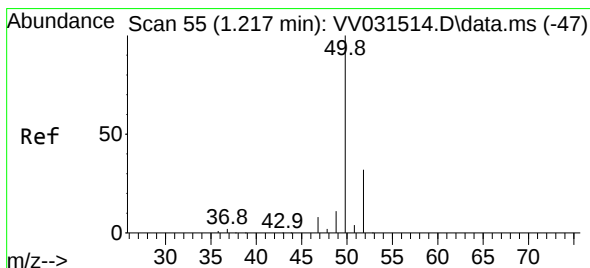
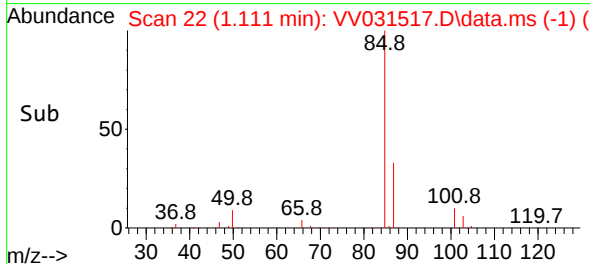
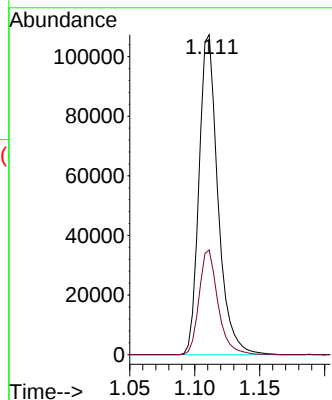
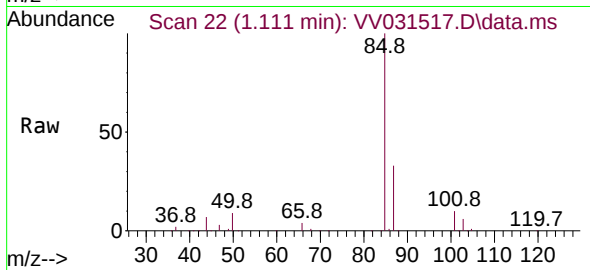




#2
 Dichlorodifluoromethane
 Concen: 45.319 ug/L
 RT: 1.111 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VV031517.D
 Acq: 14 Jun 2023 15:50

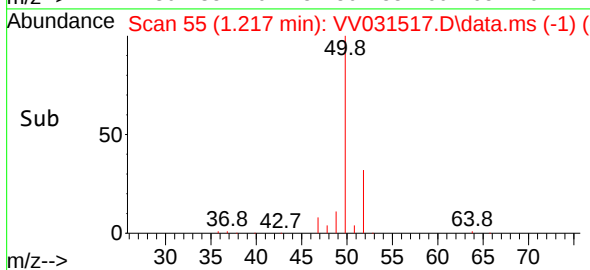
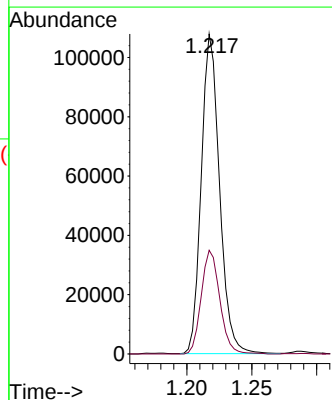
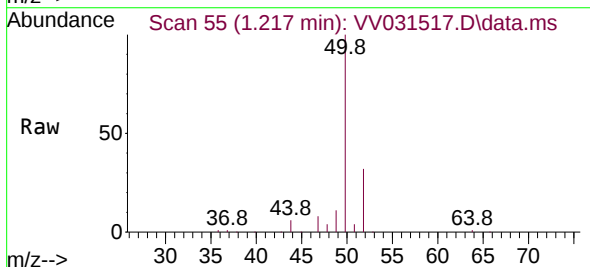
Instrument :
 MSVOA_V
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 VICV238

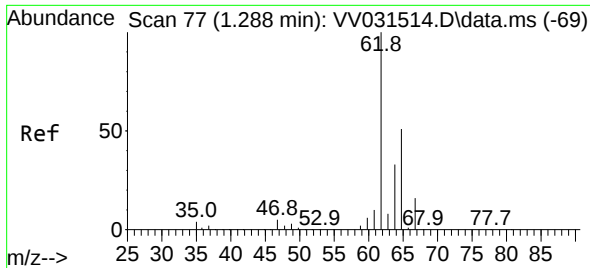
Tgt Ion: 85 Resp: 109205
 Ion Ratio Lower Upper
 85 100
 87 32.6 25.5 38.3



#3
 Chloromethane
 Concen: 46.468 ug/L
 RT: 1.217 min Scan# 55
 Delta R.T. -0.000 min
 Lab File: VV031517.D
 Acq: 14 Jun 2023 15:50

Tgt Ion: 50 Resp: 105658
 Ion Ratio Lower Upper
 50 100
 52 32.4 22.3 41.5

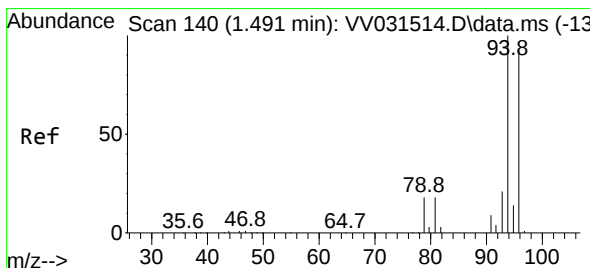
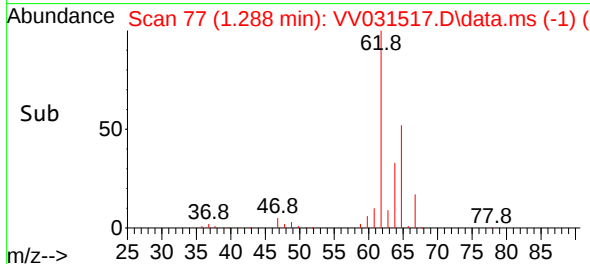
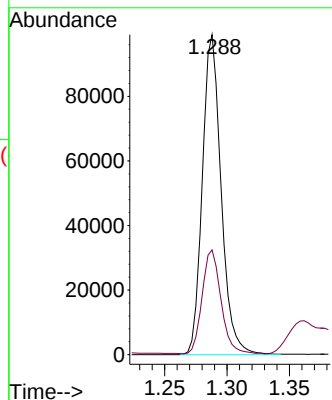
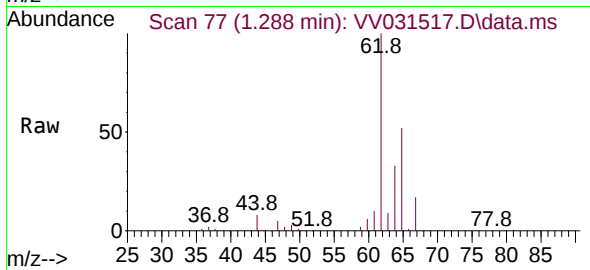




#5
 Vinyl chloride
 Concen: 46.087 ug/L
 RT: 1.288 min Scan# 77
 Delta R.T. -0.000 min
 Lab File: VV031517.D
 Acq: 14 Jun 2023 15:50

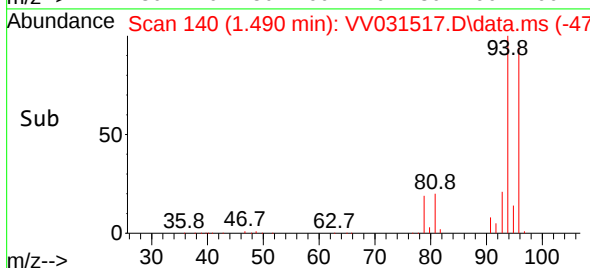
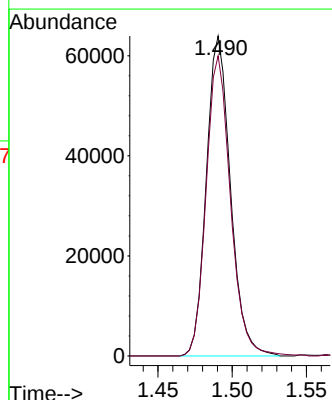
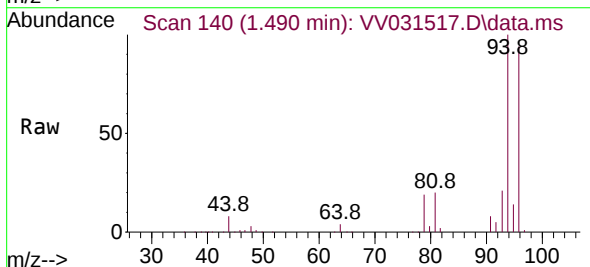
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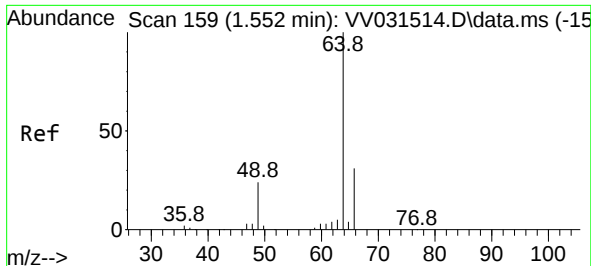
Tgt Ion: 62 Resp: 103881
 Ion Ratio Lower Upper
 62 100
 64 32.7 23.4 43.4



#6
 Bromomethane
 Concen: 49.226 ug/L
 RT: 1.490 min Scan# 140
 Delta R.T. -0.000 min
 Lab File: VV031517.D
 Acq: 14 Jun 2023 15:50

Tgt Ion: 94 Resp: 72317
 Ion Ratio Lower Upper
 94 100
 96 93.8 65.4 121.4

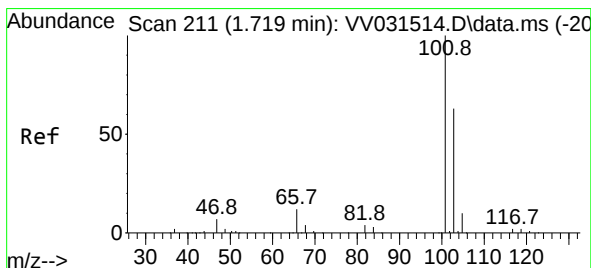
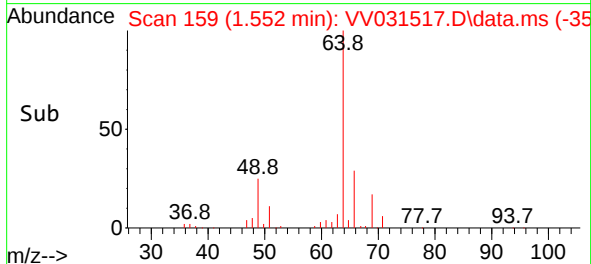
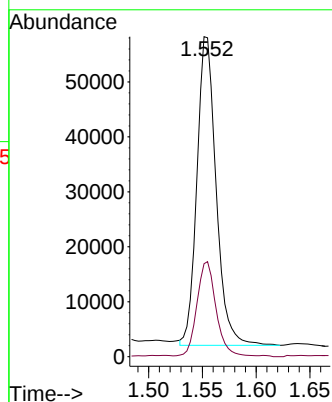
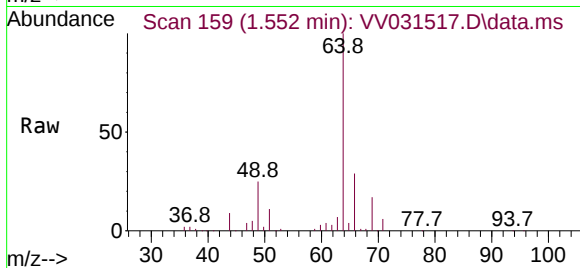




#8
Chloroethane
Concen: 47.989 ug/L
RT: 1.552 min Scan# 11
Delta R.T. -0.000 min
Lab File: VV031517.D
Acq: 14 Jun 2023 15:50

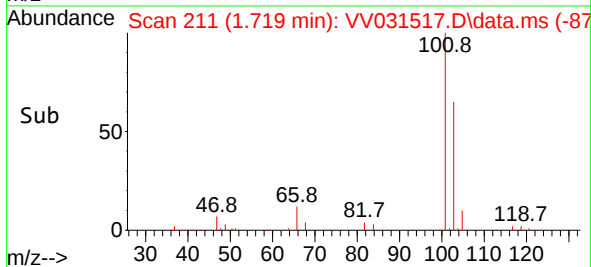
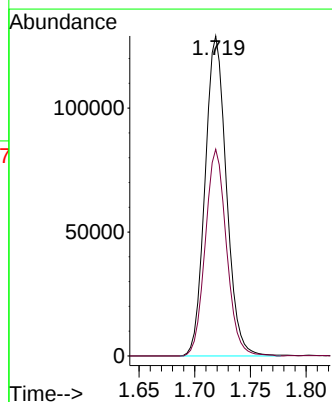
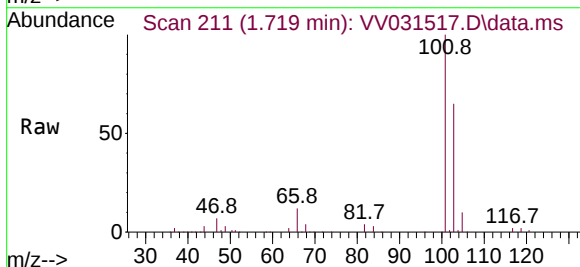
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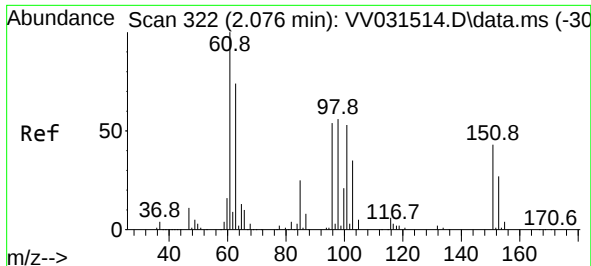
Tgt Ion: 64 Resp: 69863
Ion Ratio Lower Upper
64 100
66 29.1 21.0 39.0



#9
Trichlorofluoromethane
Concen: 45.854 ug/L
RT: 1.719 min Scan# 211
Delta R.T. -0.000 min
Lab File: VV031517.D
Acq: 14 Jun 2023 15:50

Tgt Ion:101 Resp: 171948
Ion Ratio Lower Upper
101 100
103 64.3 50.9 76.3

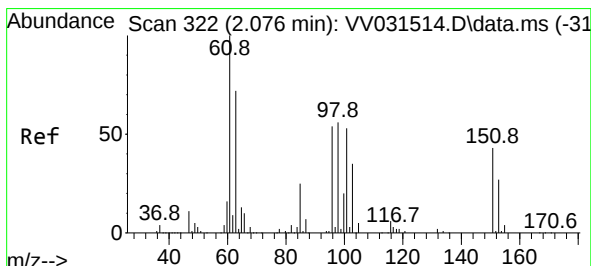
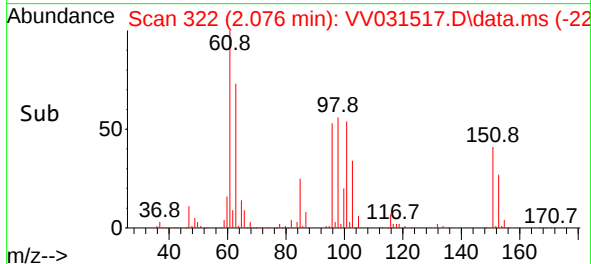
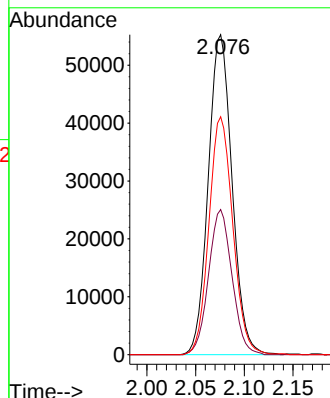
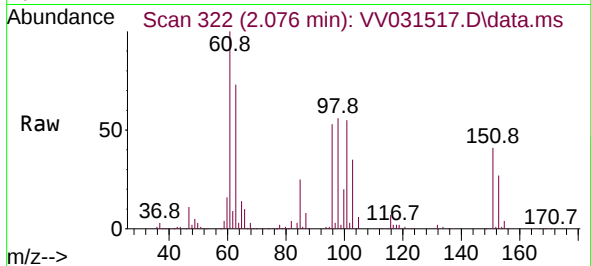




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 46.783 ug/L
 RT: 2.076 min Scan# 311
 Delta R.T. -0.000 min
 Lab File: VV031517.D
 Acq: 14 Jun 2023 15:50

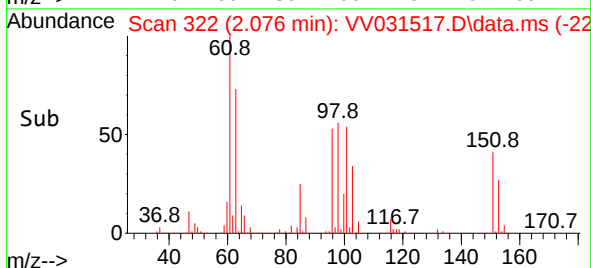
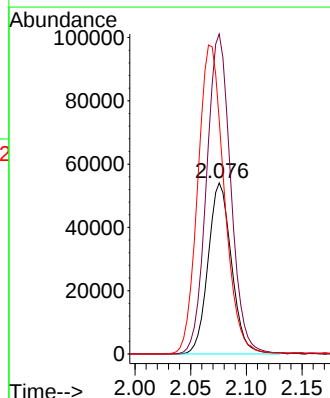
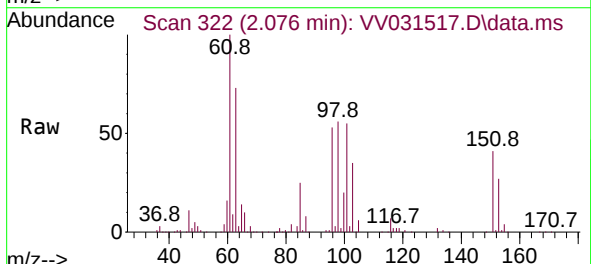
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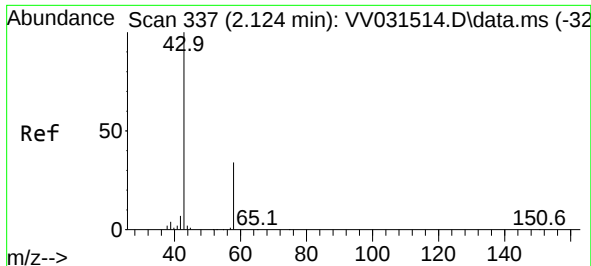
Tgt Ion:101 Resp: 94015
 Ion Ratio Lower Upper
 101 100
 85 44.6 37.4 56.0
 151 74.5 62.3 93.5



#12
 1,1-Dichloroethene
 Concen: 46.962 ug/L
 RT: 2.076 min Scan# 322
 Delta R.T. -0.000 min
 Lab File: VV031517.D
 Acq: 14 Jun 2023 15:50

Tgt Ion: 96 Resp: 78941
 Ion Ratio Lower Upper
 96 100
 61 187.1 128.9 239.5
 63 136.6 95.3 177.1





#13

Acetone

Concen: 78.974 ug/L

RT: 2.121 min Scan# 31

Delta R.T. -0.003 min

Lab File: VV031517.D

Acq: 14 Jun 2023 15:50

Instrument :

MSVOA_V

ClientSampleId :

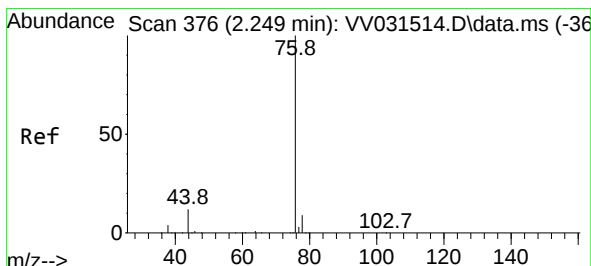
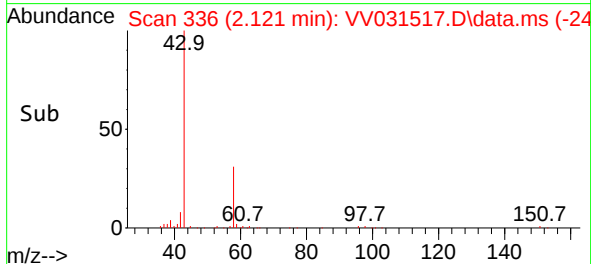
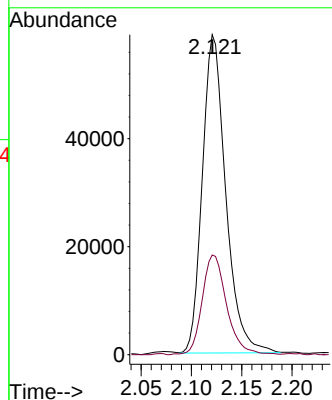
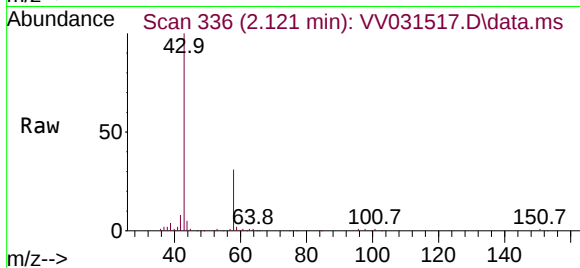
VICV238

Tgt Ion: 43 Resp: 95404

Ion Ratio Lower Upper

43 100

58 32.7 0.0 68.6



#14

Carbon disulfide

Concen: 47.904 ug/L

RT: 2.246 min Scan# 375

Delta R.T. -0.003 min

Lab File: VV031517.D

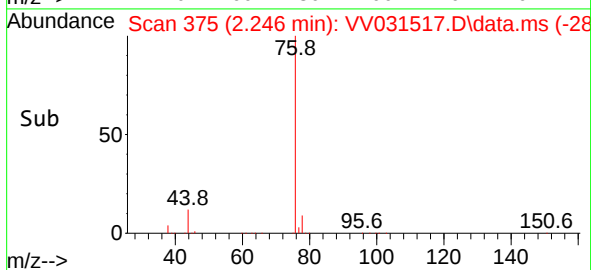
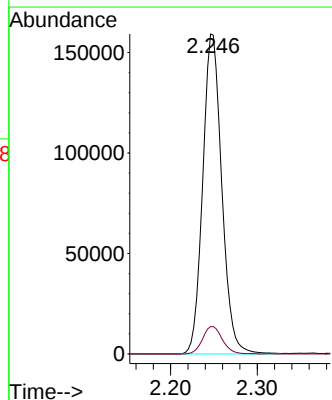
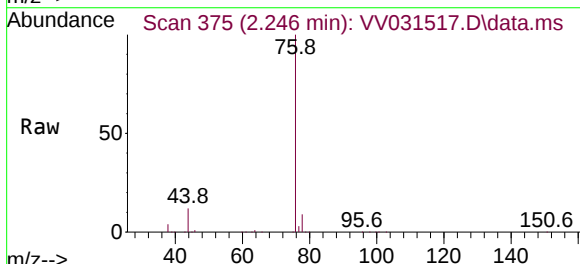
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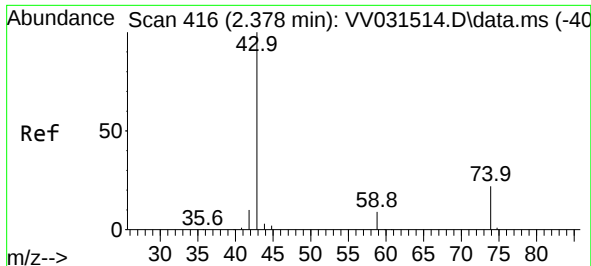
Tgt Ion: 76 Resp: 243574

Ion Ratio Lower Upper

76 100

78 8.8 7.1 10.7

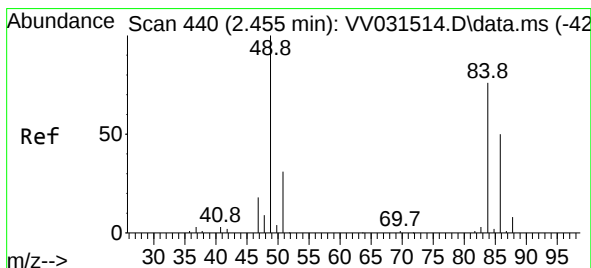
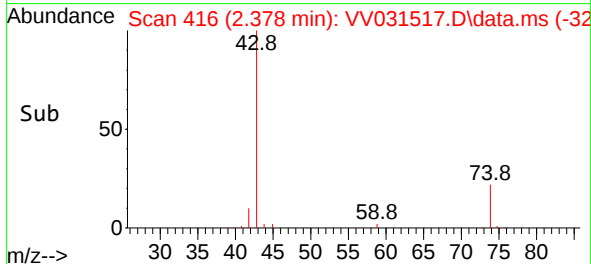
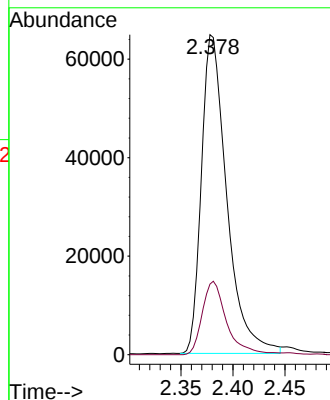
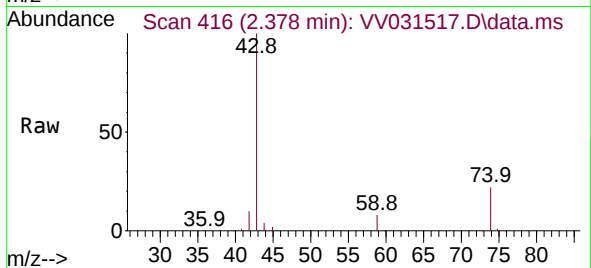




#15
Methyl Acetate
Concen: 54.080 ug/L
RT: 2.378 min Scan# 416
Delta R.T. -0.000 min
Lab File: VV031517.D
Acq: 14 Jun 2023 15:50

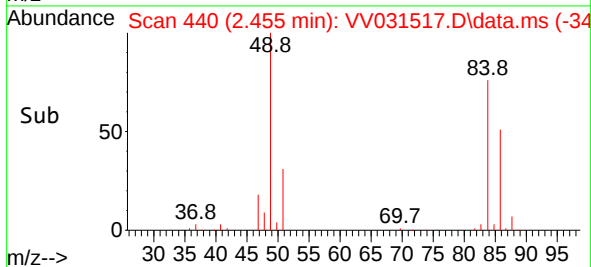
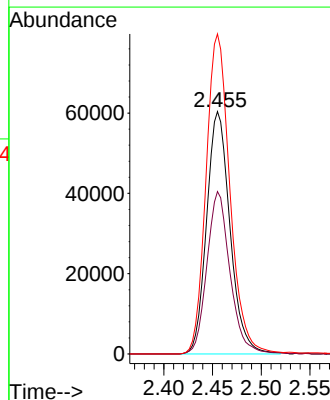
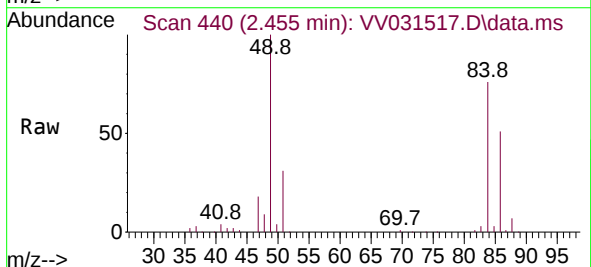
Instrument :
MSVOA_V
ClientSampleId :
VICV238

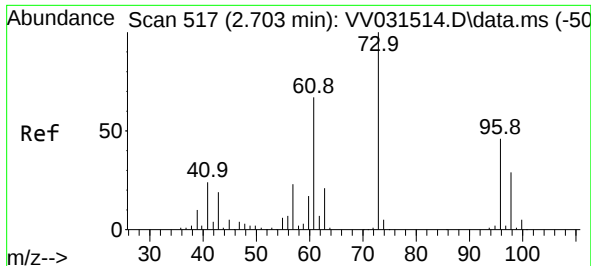
Tgt Ion: 43 Resp: 109995
Ion Ratio Lower Upper
43 100
74 21.8 17.8 26.6



#16
Methylene chloride
Concen: 47.876 ug/L
RT: 2.455 min Scan# 440
Delta R.T. -0.000 min
Lab File: VV031517.D
Acq: 14 Jun 2023 15:50

Tgt Ion: 84 Resp: 100894
Ion Ratio Lower Upper
84 100
86 68.1 45.8 85.0
49 132.0 92.1 171.1





#17

trans-1,2-Dichloroethene

Concen: 48.372 ug/L

RT: 2.703 min Scan# 517

Delta R.T. -0.000 min

Lab File: VV031517.D

Acq: 14 Jun 2023 15:50

Instrument :

MSVOA_V

ClientSampleId :

VICV238

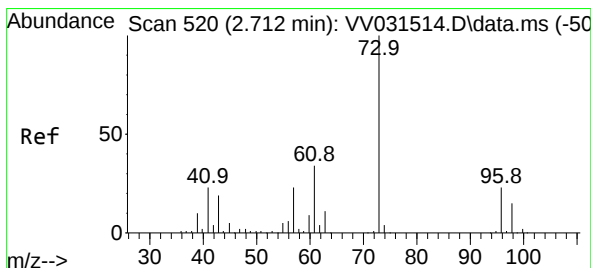
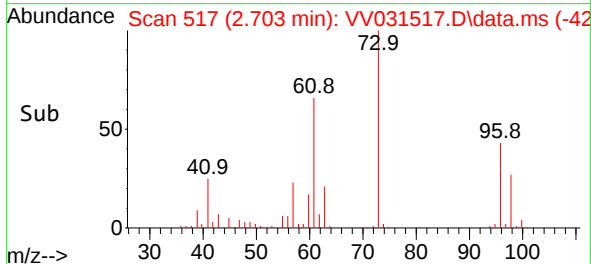
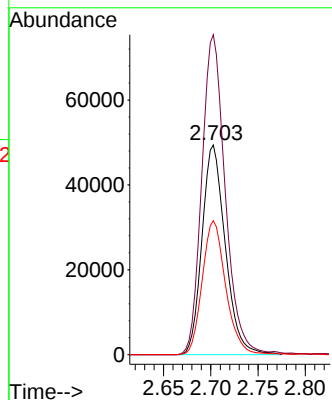
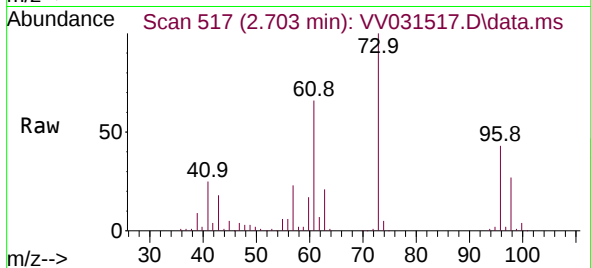
Tgt Ion: 96 Resp: 84875

Ion Ratio Lower Upper

96 100

61 152.6 102.5 190.3

98 63.9 44.1 81.9



#18

Methyl tert-butyl Ether

Concen: 53.605 ug/L

RT: 2.712 min Scan# 520

Delta R.T. -0.000 min

Lab File: VV031517.D

Acq: 14 Jun 2023 15:50

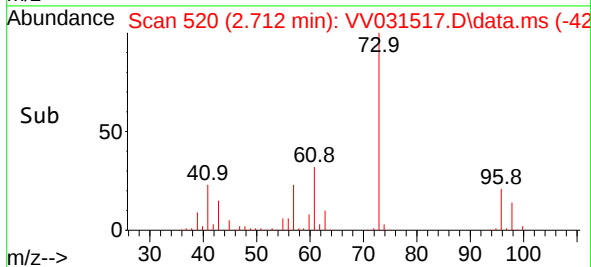
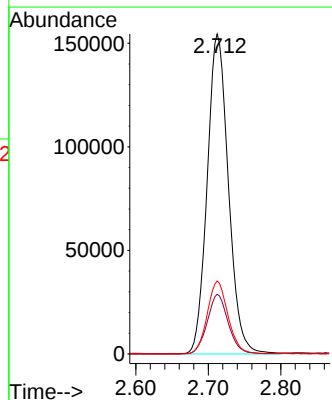
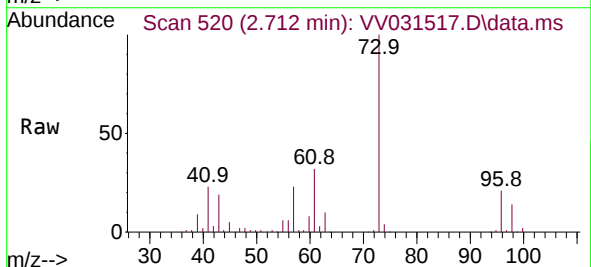
Tgt Ion: 73 Resp: 313839

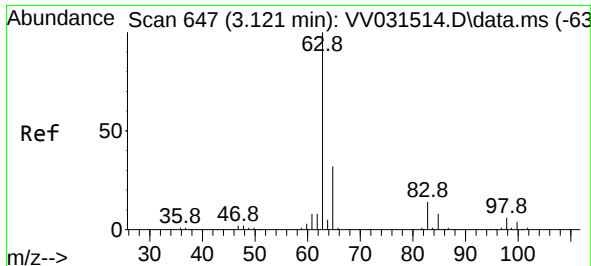
Ion Ratio Lower Upper

73 100

43 18.1 15.0 22.4

57 22.4 18.2 27.4





#19

1,1-Dichloroethane

Concen: 48.970 ug/L

RT: 3.121 min Scan# 647

Delta R.T. -0.000 min

Lab File: VV031517.D

Acq: 14 Jun 2023 15:50

Instrument :

MSVOA_V

ClientSampleId :

VICV238

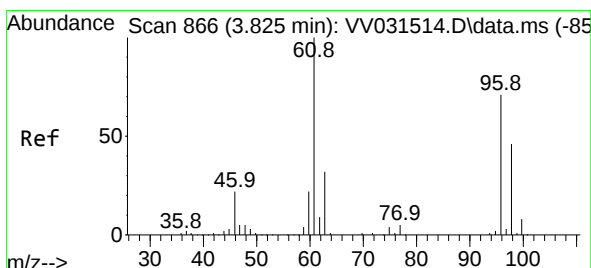
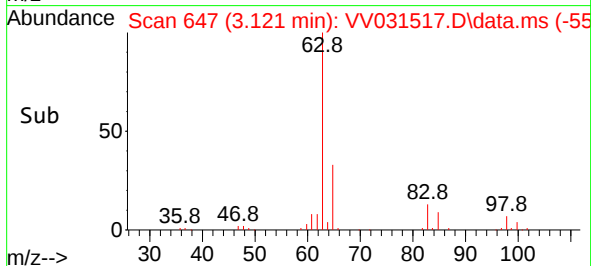
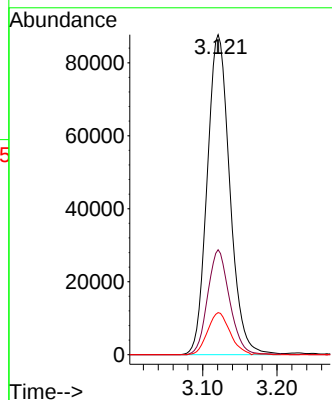
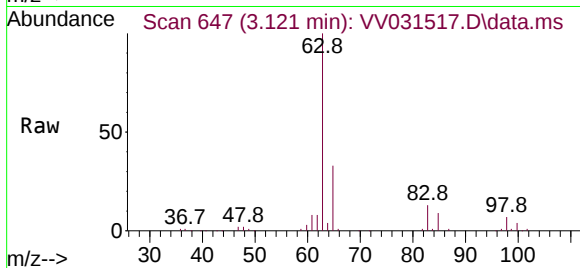
Tgt Ion: 63 Resp: 185450

Ion Ratio Lower Upper

63 100

65 32.8 22.5 41.7

83 13.9 10.0 18.6



#20

cis-1,2-Dichloroethene

Concen: 50.593 ug/L

RT: 3.825 min Scan# 866

Delta R.T. -0.000 min

Lab File: VV031517.D

Acq: 14 Jun 2023 15:50

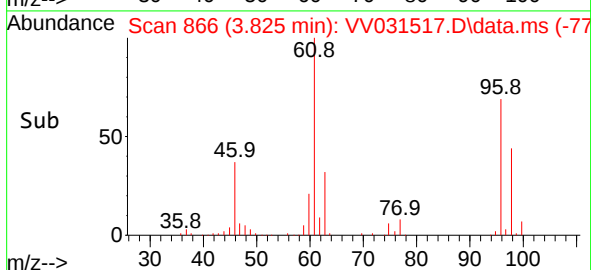
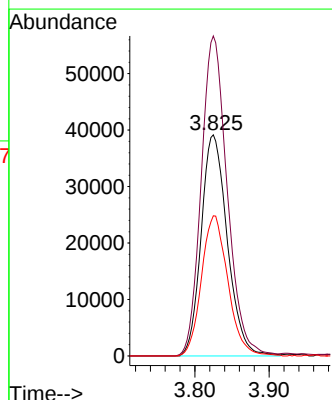
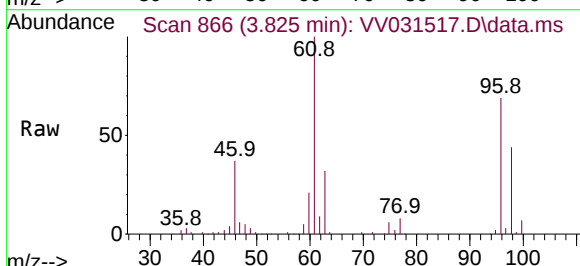
Tgt Ion: 96 Resp: 95935

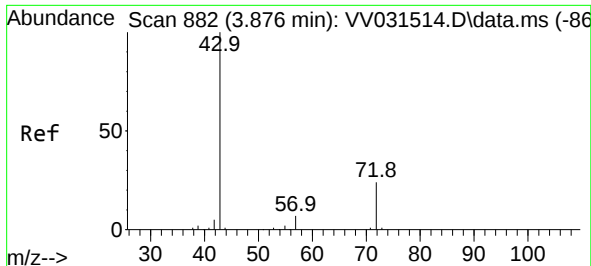
Ion Ratio Lower Upper

96 100

61 139.6 98.6 183.0

98 62.7 45.7 84.9

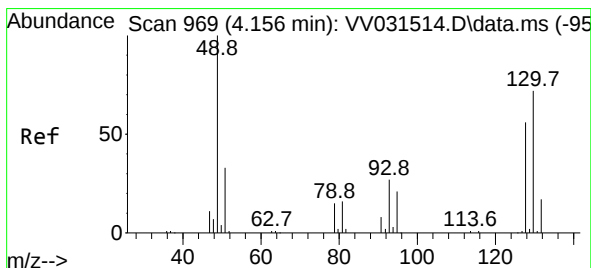
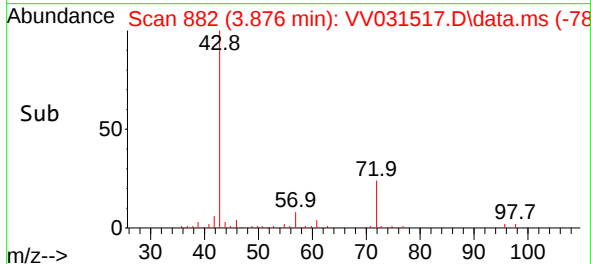
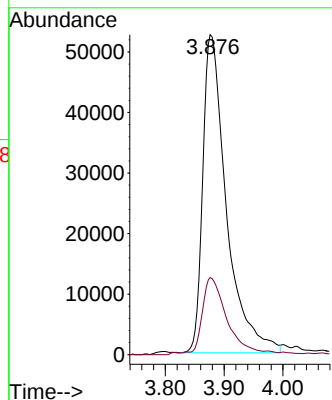
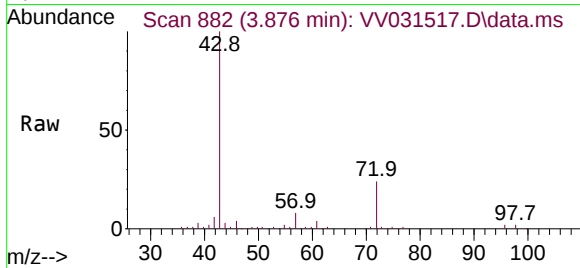




#22
2-Butanone
Concen: 97.456 ug/L
RT: 3.876 min Scan# 882
Delta R.T. -0.000 min
Lab File: VV031517.D
Acq: 14 Jun 2023 15:50

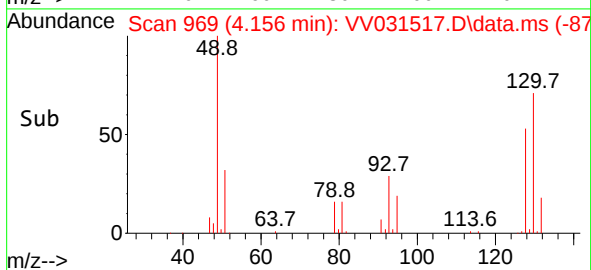
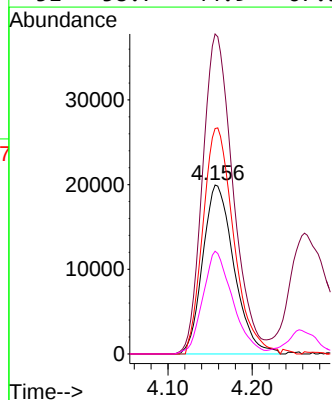
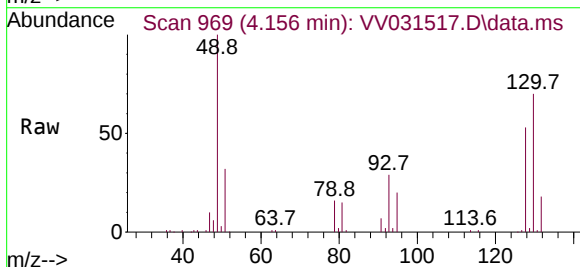
Instrument :
MSVOA_V
ClientSampleId :
VICV238

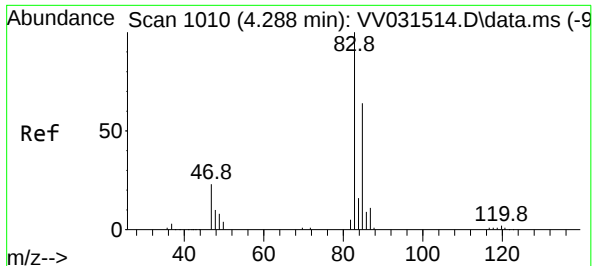
Tgt Ion: 43 Resp: 147075
Ion Ratio Lower Upper
43 100
72 23.2 12.2 36.4



#23
Bromochloromethane
Concen: 50.077 ug/L
RT: 4.156 min Scan# 969
Delta R.T. -0.000 min
Lab File: VV031517.D
Acq: 14 Jun 2023 15:50

Tgt Ion:128 Resp: 51328
Ion Ratio Lower Upper
128 100
49 182.6 120.6 224.0
130 130.5 88.1 163.7
51 58.7 44.9 67.3





#25

Chloroform

Concen: 49.509 ug/L

RT: 4.288 min Scan# 1010

Delta R.T. -0.000 min

Lab File: VV031517.D

Acq: 14 Jun 2023 15:50

Instrument :

MSVOA_V

ClientSampleId :

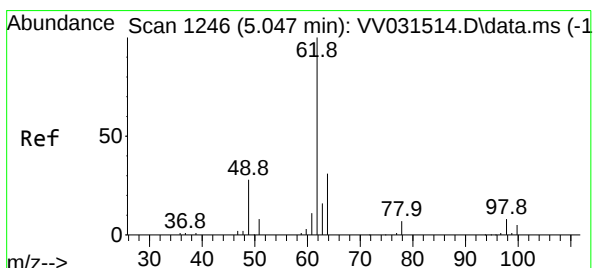
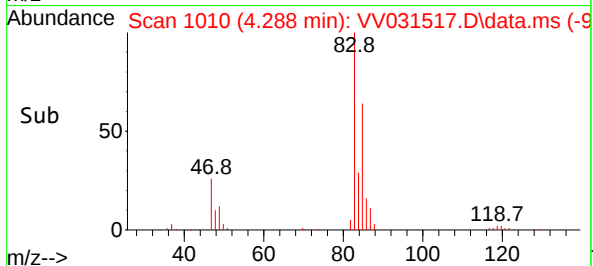
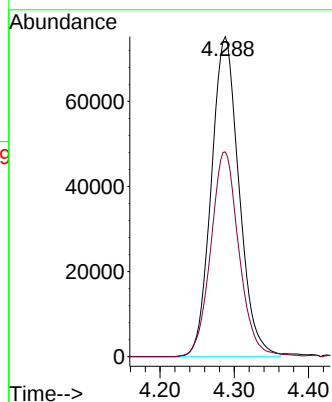
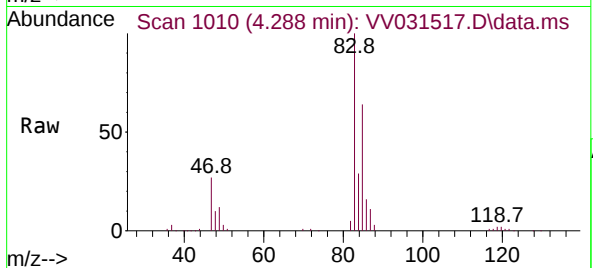
VICV238

Tgt Ion: 83 Resp: 194902

Ion Ratio Lower Upper

83 100

85 64.0 45.3 84.1



#27

1,2-Dichloroethane

Concen: 52.339 ug/L

RT: 5.050 min Scan# 1247

Delta R.T. 0.003 min

Lab File: VV031517.D

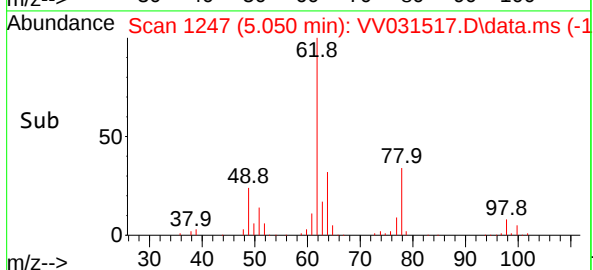
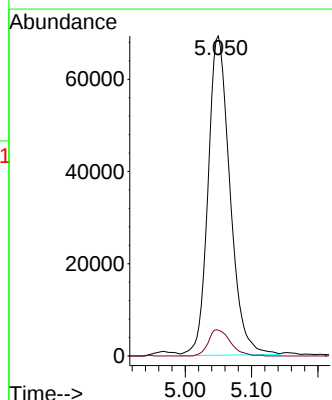
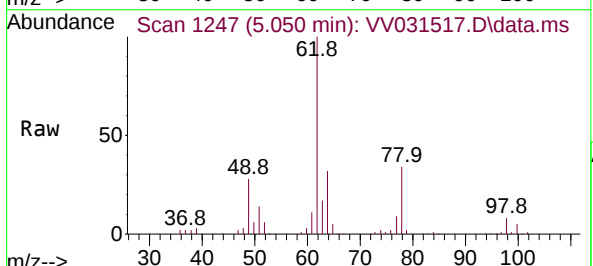
Acq: 14 Jun 2023 15:50

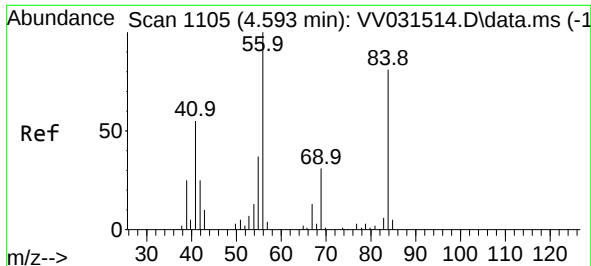
Tgt Ion: 62 Resp: 159020

Ion Ratio Lower Upper

62 100

98 8.7 6.6 9.8





#29

Cyclohexane

Concen: 49.179 ug/L

RT: 4.593 min Scan# 1105

Delta R.T. -0.000 min

Lab File: VV031517.D

Acq: 14 Jun 2023 15:50

Instrument :

MSVOA_V

ClientSampleId :

VICV238

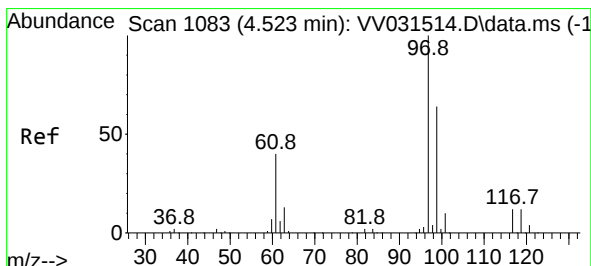
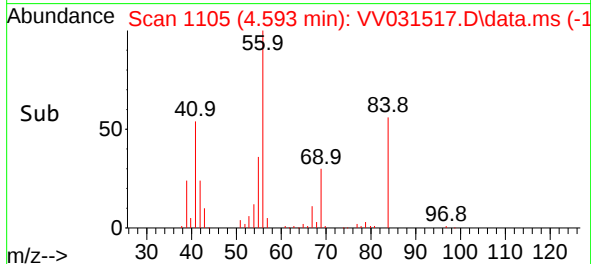
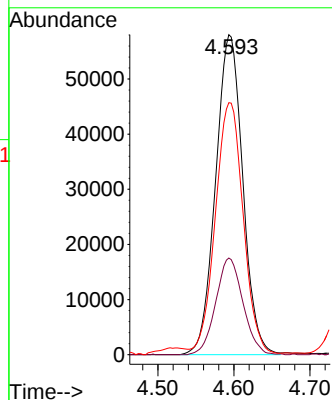
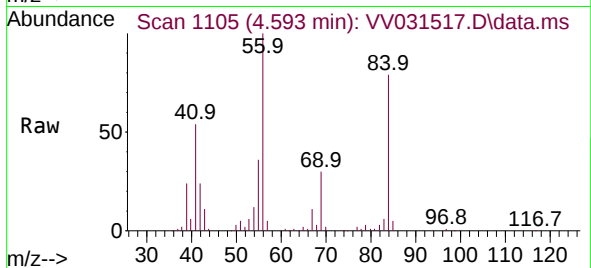
Tgt Ion: 56 Resp: 144096

Ion Ratio Lower Upper

56 100

69 30.2 24.3 36.5

84 79.8 65.0 97.6



#30

1,1,1-Trichloroethane

Concen: 47.700 ug/L

RT: 4.523 min Scan# 1083

Delta R.T. -0.000 min

Lab File: VV031517.D

Acq: 14 Jun 2023 15:50

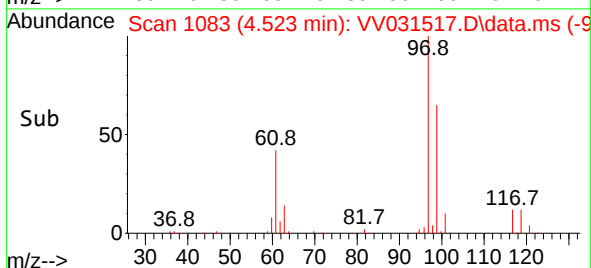
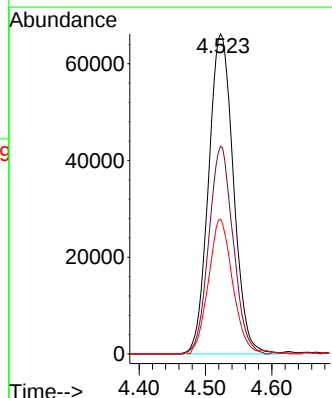
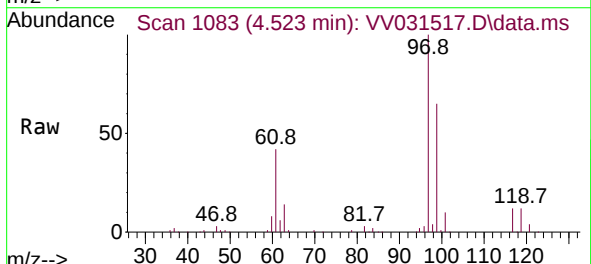
Tgt Ion: 97 Resp: 172235

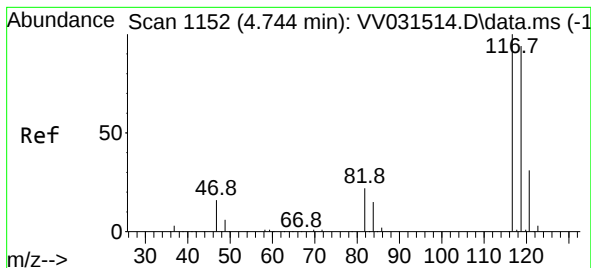
Ion Ratio Lower Upper

97 100

99 63.6 51.8 77.6

61 40.8 33.0 49.6





#31

Carbon tetrachloride

Concen: 46.826 ug/L

RT: 4.744 min Scan# 1152

Delta R.T. -0.000 min

Lab File: VV031517.D

Acq: 14 Jun 2023 15:50

Instrument :

MSVOA_V

ClientSampleId :

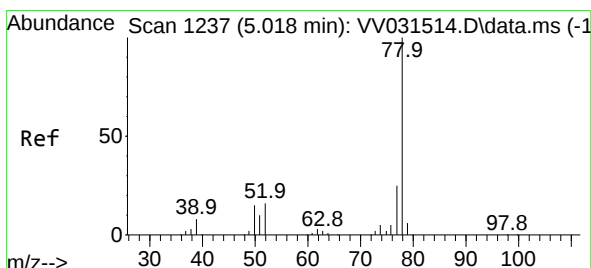
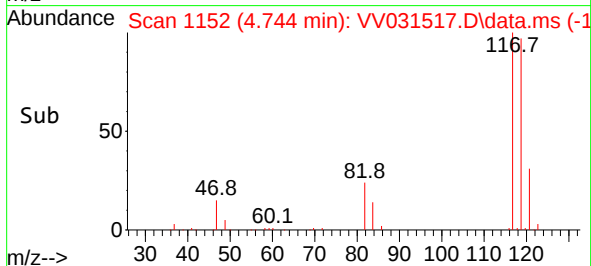
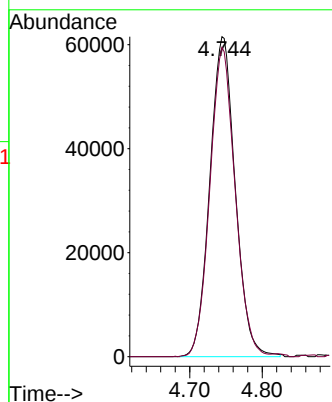
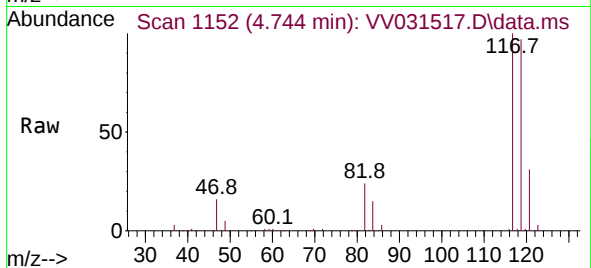
VICV238

Tgt Ion:117 Resp: 149808

Ion Ratio Lower Upper

117 100

119 96.0 76.2 114.4



#33

Benzene

Concen: 49.741 ug/L

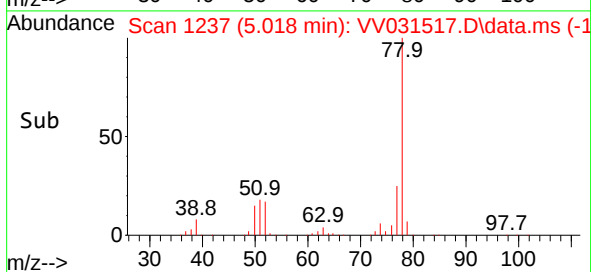
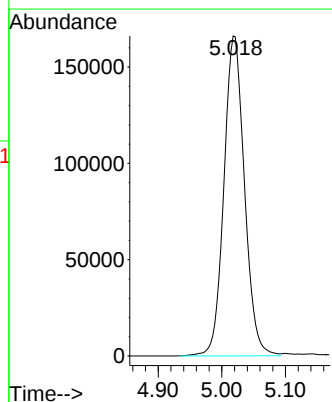
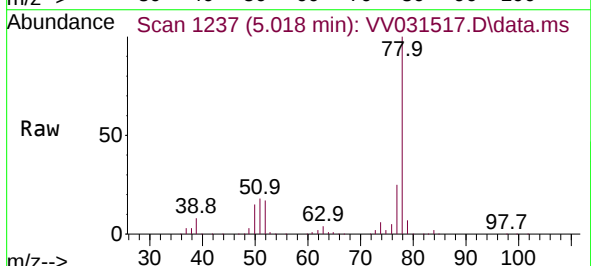
RT: 5.018 min Scan# 1237

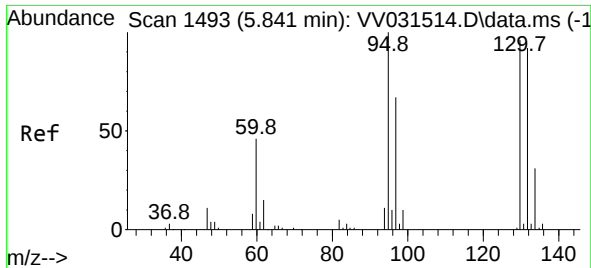
Delta R.T. -0.000 min

Lab File: VV031517.D

Acq: 14 Jun 2023 15:50

Tgt Ion: 78 Resp: 372961



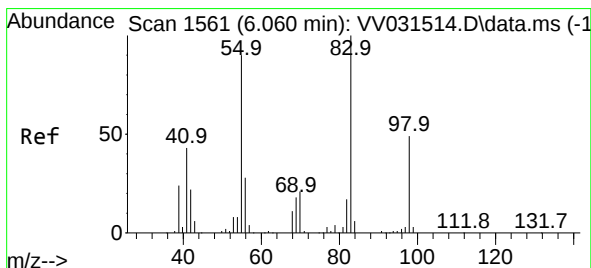
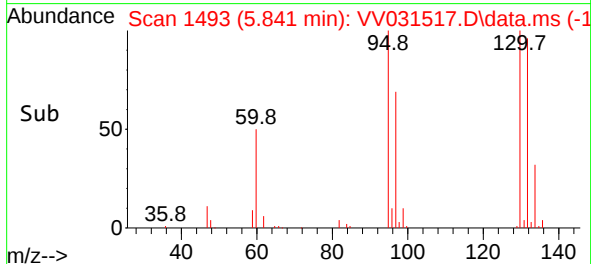
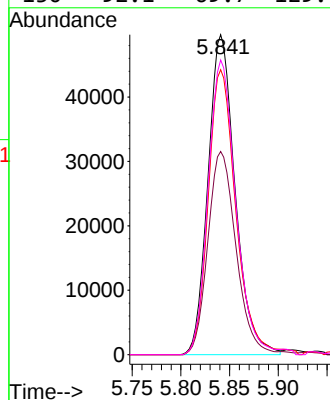
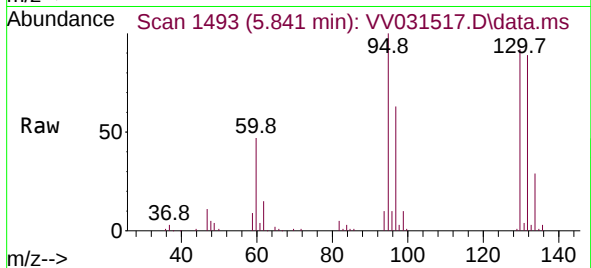


#34
Trichloroethene
Concen: 48.098 ug/L
RT: 5.841 min Scan# 1493
Delta R.T. -0.000 min
Lab File: VV031517.D
Acq: 14 Jun 2023 15:50

Instrument :
MSVOA_V
ClientSampleId :
VICV238

Tgt Ion: 95 Resp: 96369

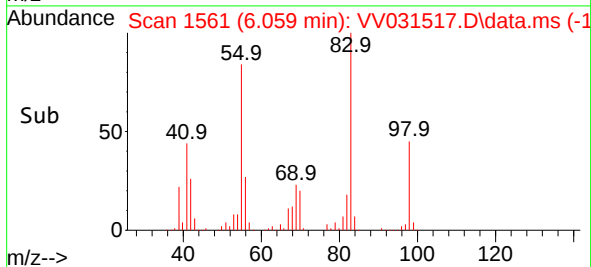
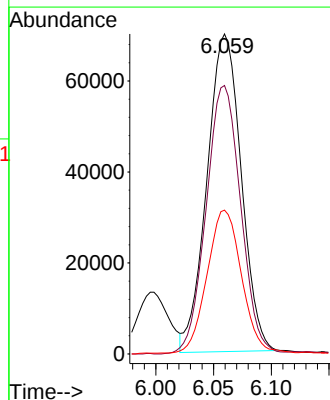
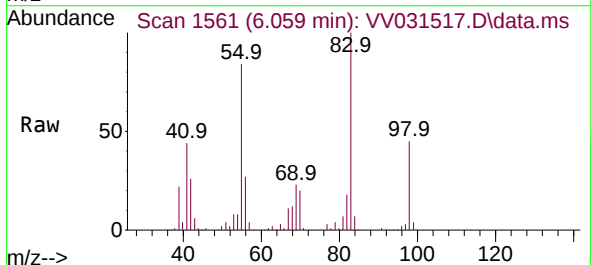
Ion	Ratio	Lower	Upper
95	100		
97	66.3	46.8	86.8
132	91.8	66.4	123.2
130	92.1	69.7	129.4

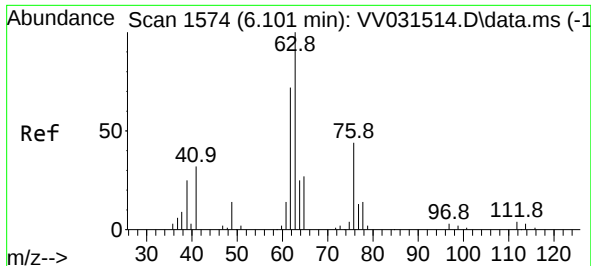


#35
Methylcyclohexane
Concen: 48.753 ug/L
RT: 6.059 min Scan# 1561
Delta R.T. -0.000 min
Lab File: VV031517.D
Acq: 14 Jun 2023 15:50

Tgt Ion: 83 Resp: 143930

Ion	Ratio	Lower	Upper
83	100		
55	85.4	68.7	103.1
98	46.1	37.0	55.4





#37

1,2-Dichloropropane

Concen: 48.964 ug/L

RT: 6.101 min Scan# 1

Delta R.T. -0.000 min

Lab File: VV031517.D

Acq: 14 Jun 2023 15:50

Instrument :

MSVOA_V

ClientSampleId :

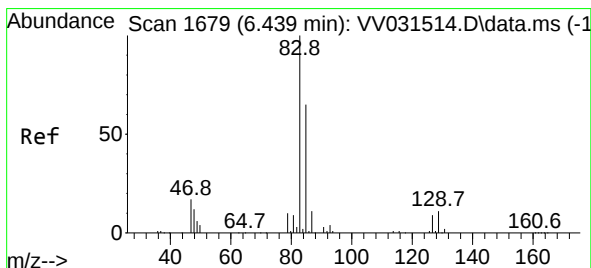
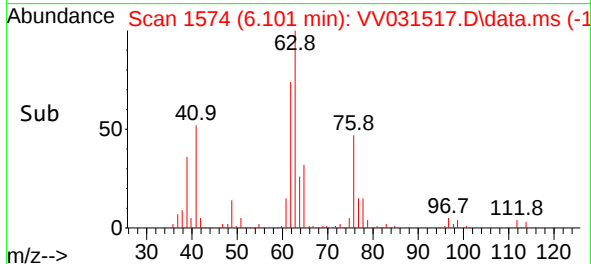
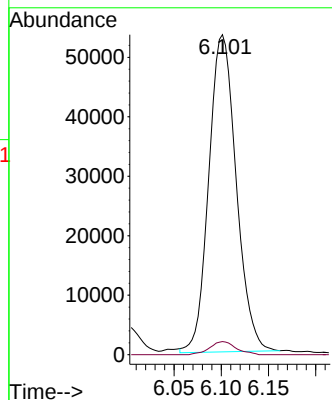
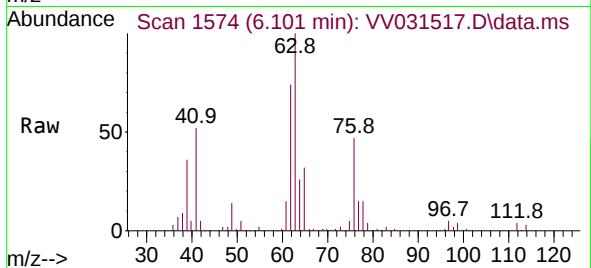
VICV238

Tgt Ion: 63 Resp: 107808

Ion Ratio Lower Upper

63 100

112 4.0 3.3 4.9



#38

Bromodichloromethane

Concen: 50.171 ug/L

RT: 6.439 min Scan# 1679

Delta R.T. -0.000 min

Lab File: VV031517.D

Acq: 14 Jun 2023 15:50

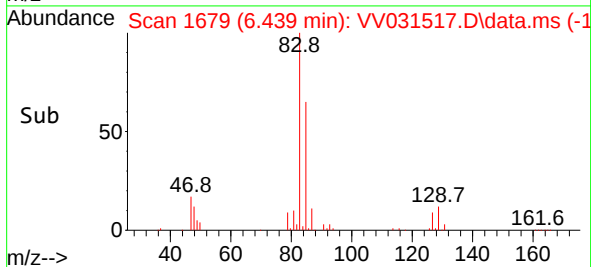
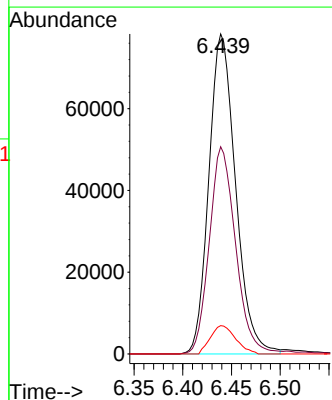
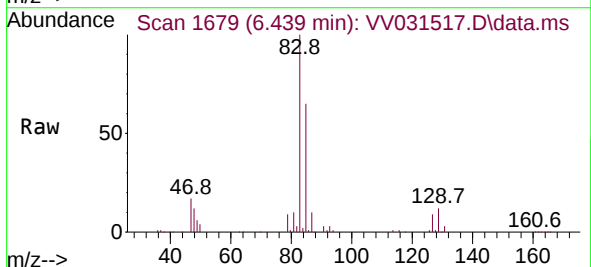
Tgt Ion: 83 Resp: 149312

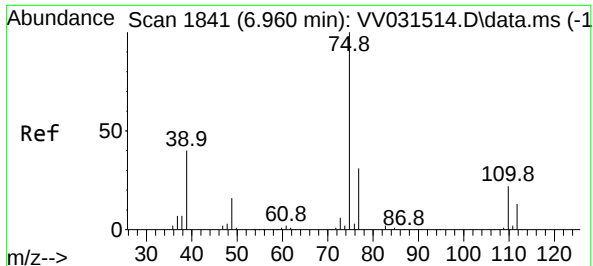
Ion Ratio Lower Upper

83 100

85 65.7 45.3 84.1

127 9.9 7.6 11.4





#39

cis-1,3-Dichloropropene

Concen: 52.144 ug/L

RT: 6.960 min Scan# 1841

Delta R.T. -0.000 min

Lab File: VV031517.D

Acq: 14 Jun 2023 15:50

Instrument :

MSVOA_V

ClientSampleId :

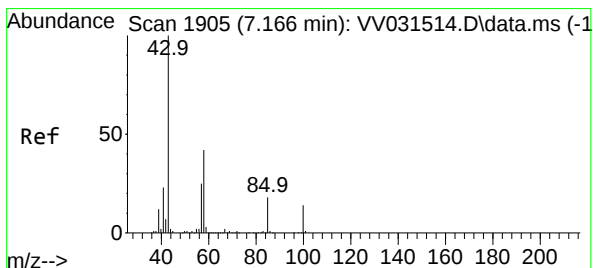
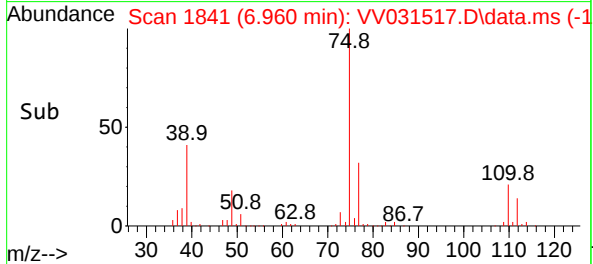
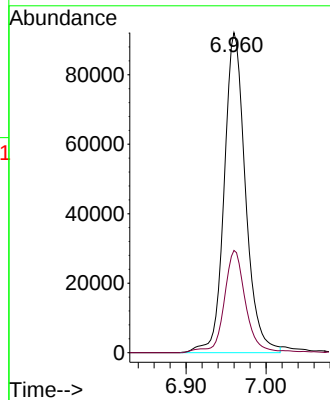
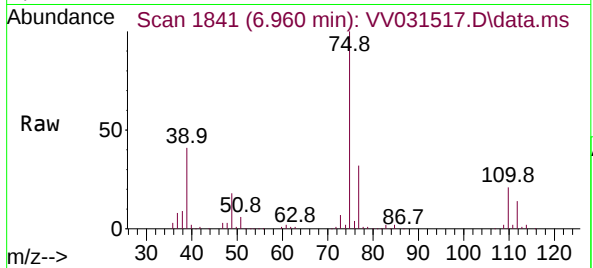
VICV238

Tgt Ion: 75 Resp: 170426

Ion Ratio Lower Upper

75 100

77 31.9 21.8 40.6



#40

4-Methyl-2-pentanone

Concen: 113.749 ug/L

RT: 7.165 min Scan# 1905

Delta R.T. -0.000 min

Lab File: VV031517.D

Acq: 14 Jun 2023 15:50

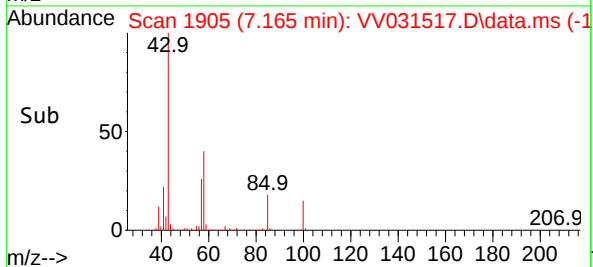
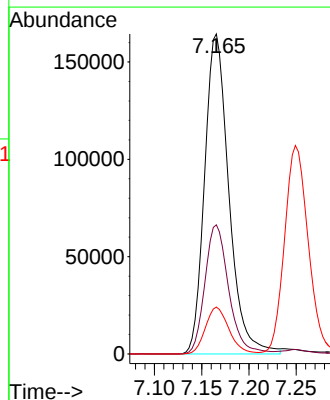
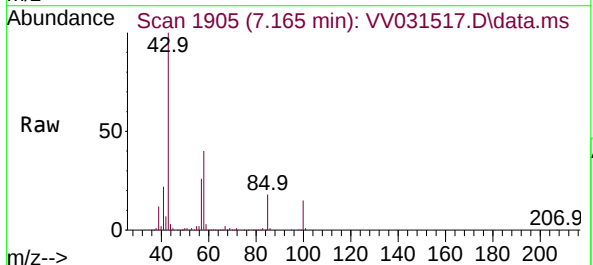
Tgt Ion: 43 Resp: 294078

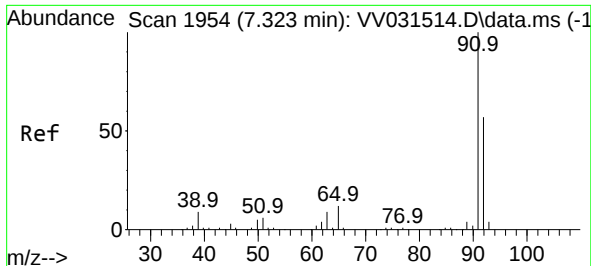
Ion Ratio Lower Upper

43 100

58 39.6 31.8 47.8

100 14.3 11.1 16.7





#42

Toluene

Concen: 50.943 ug/L

RT: 7.323 min Scan# 1954

Delta R.T. -0.000 min

Lab File: VV031517.D

Acq: 14 Jun 2023 15:50

Instrument :

MSVOA_V

ClientSampleId :

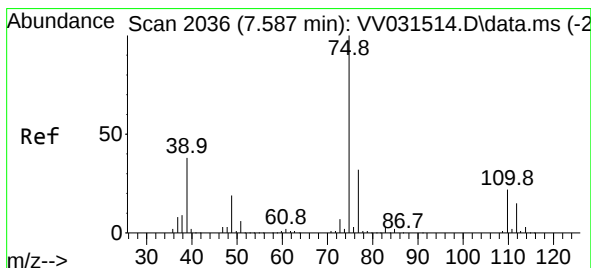
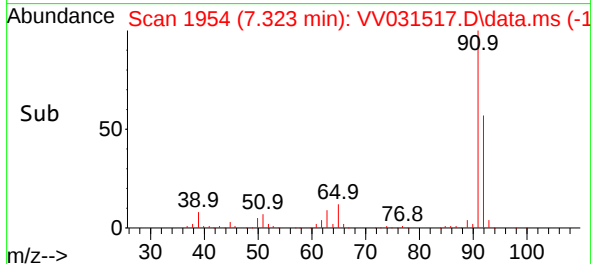
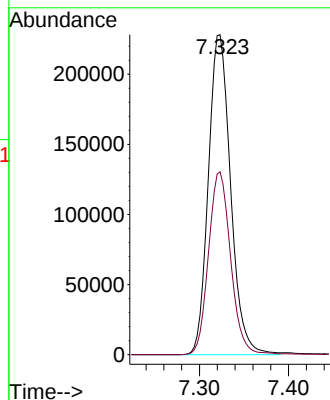
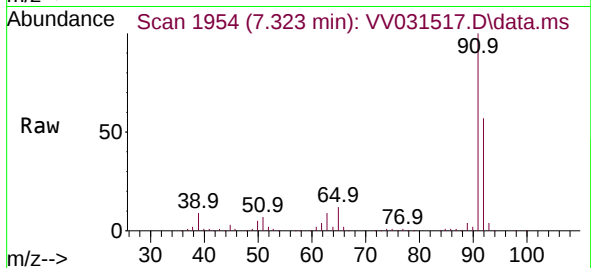
VICV238

Tgt Ion: 91 Resp: 396039

Ion Ratio Lower Upper

91 100

92 57.2 39.6 73.6



#44

trans-1,3-Dichloropropene

Concen: 53.458 ug/L

RT: 7.587 min Scan# 2036

Delta R.T. -0.000 min

Lab File: VV031517.D

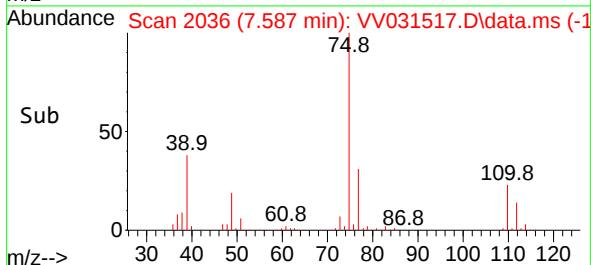
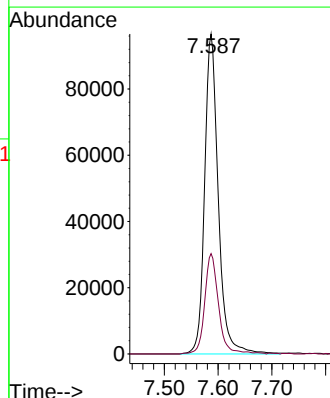
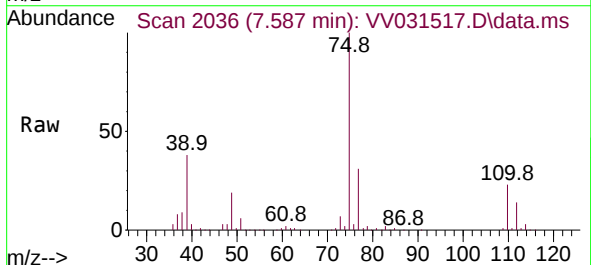
Acq: 14 Jun 2023 15:50

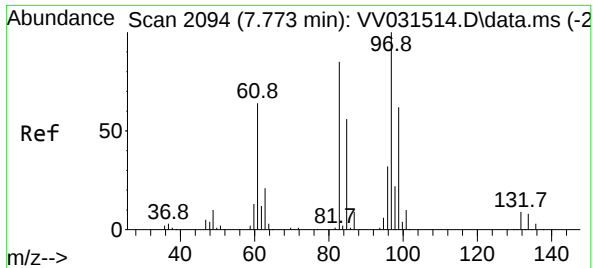
Tgt Ion: 75 Resp: 170147

Ion Ratio Lower Upper

75 100

77 31.3 22.1 41.1





#45

1,1,2-Trichloroethane

Concen: 51.178 ug/L

RT: 7.776 min Scan# 2094

Delta R.T. 0.003 min

Lab File: VV031517.D

Acq: 14 Jun 2023 15:50

Instrument :

MSVOA_V

ClientSampleId :

VICV238

Tgt Ion: 97 Resp: 106445

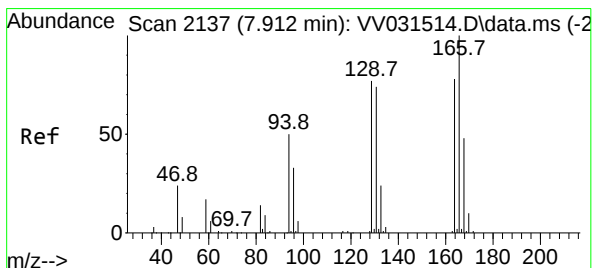
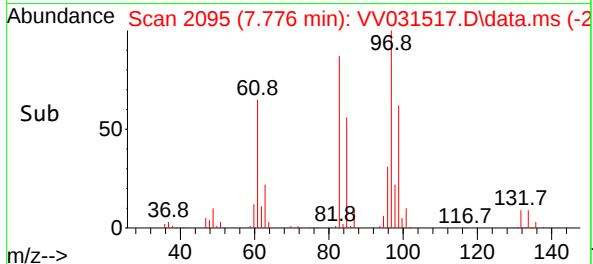
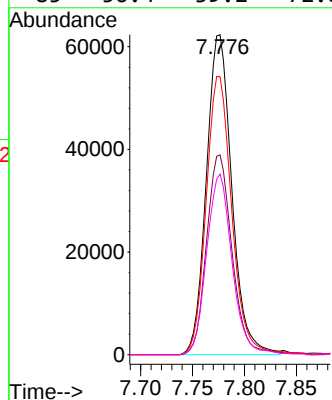
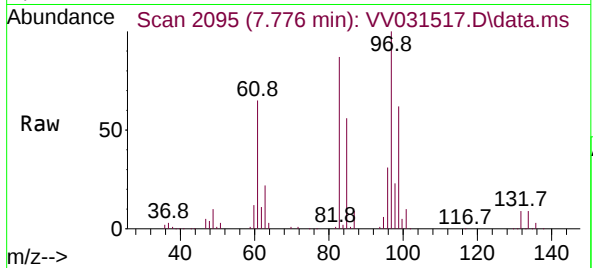
Ion Ratio Lower Upper

97 100

99 67.2 43.7 81.1

83 86.9 60.9 113.1

85 56.4 39.2 72.8



#46

Tetrachloroethene

Concen: 47.001 ug/L

RT: 7.911 min Scan# 2137

Delta R.T. -0.000 min

Lab File: VV031517.D

Acq: 14 Jun 2023 15:50

Tgt Ion:164 Resp: 73911

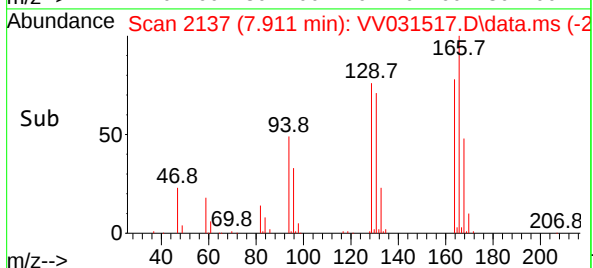
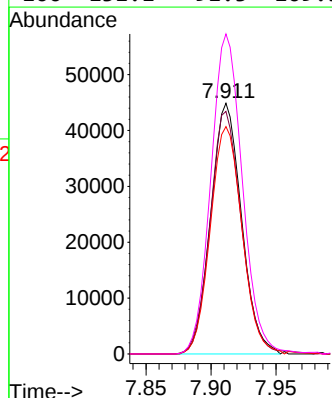
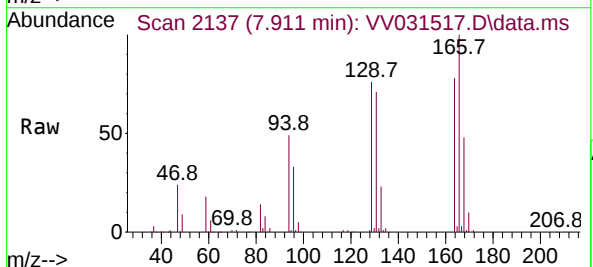
Ion Ratio Lower Upper

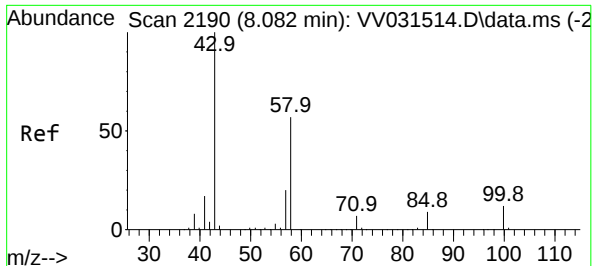
164 100

129 96.7 68.4 127.0

131 90.7 67.6 125.6

166 131.1 91.3 169.5



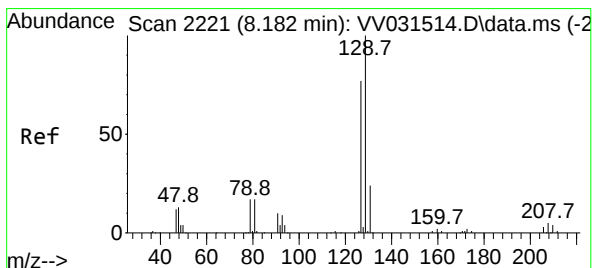
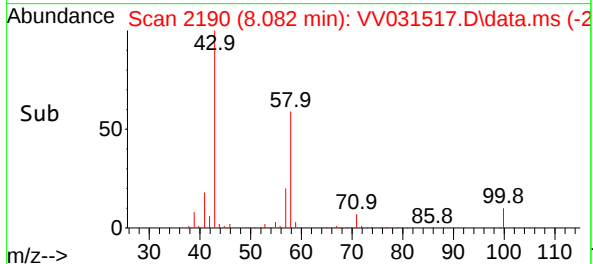
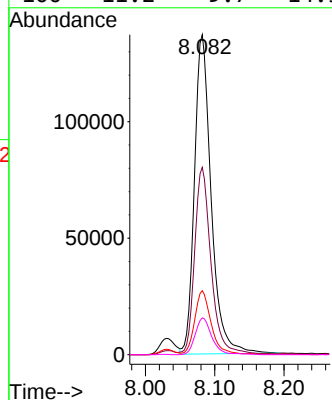
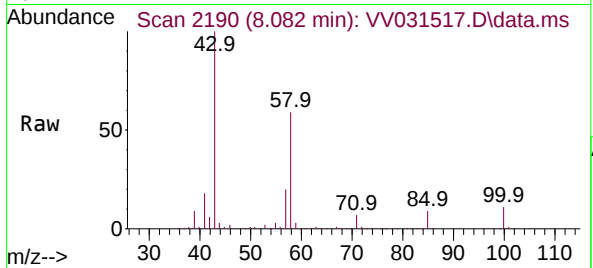


#48
2-Hexanone
Concen: 111.809 ug/L
RT: 8.082 min Scan# 2190
Delta R.T. -0.000 min
Lab File: VV031517.D
Acq: 14 Jun 2023 15:50

Instrument :
MSVOA_V
ClientSampleId :
VICV238

Tgt Ion: 43 Resp: 230863

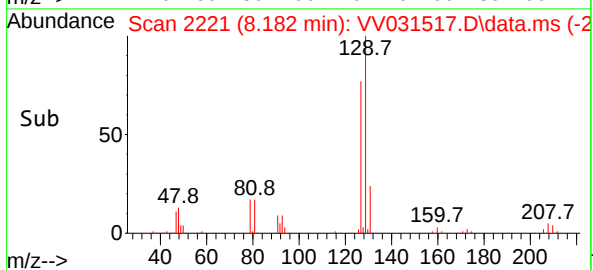
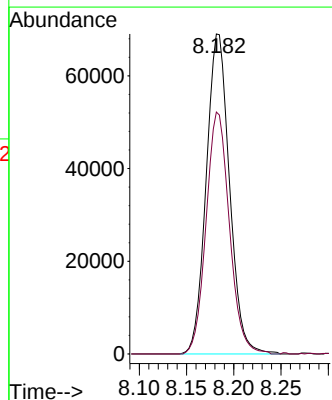
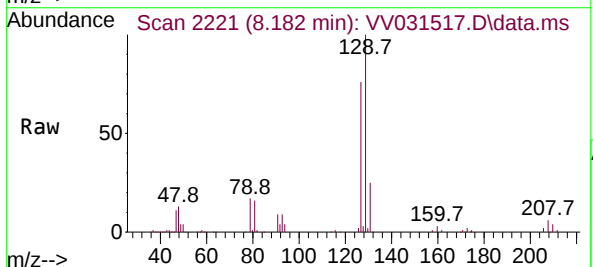
Ion	Ratio	Lower	Upper
43	100		
58	56.6	46.7	70.1
57	19.0	15.5	23.3
100	11.2	9.7	14.5

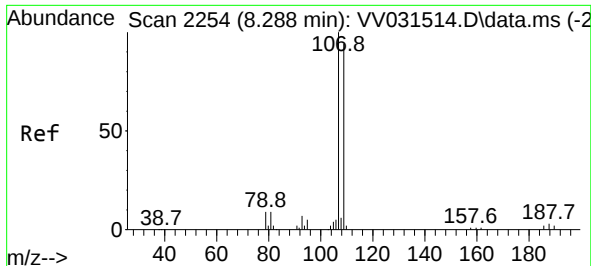


#49
Dibromochloromethane
Concen: 51.107 ug/L
RT: 8.182 min Scan# 2221
Delta R.T. -0.000 min
Lab File: VV031517.D
Acq: 14 Jun 2023 15:50

Tgt Ion: 129 Resp: 118141

Ion	Ratio	Lower	Upper
129	100		
127	77.1	55.8	103.6

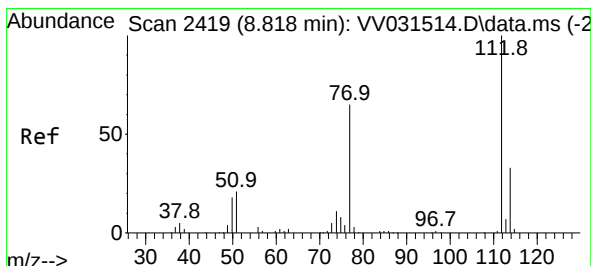
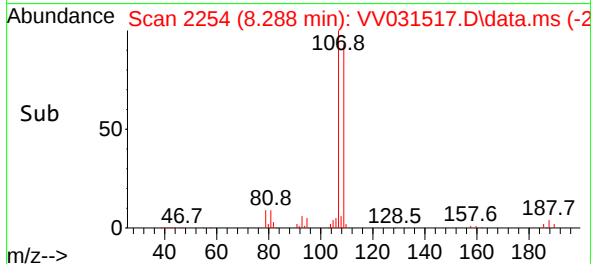
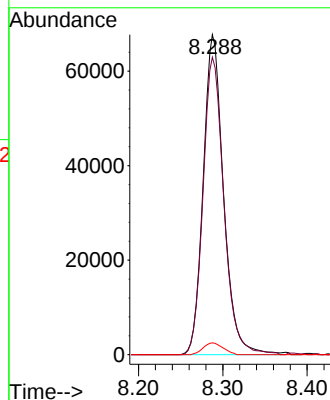
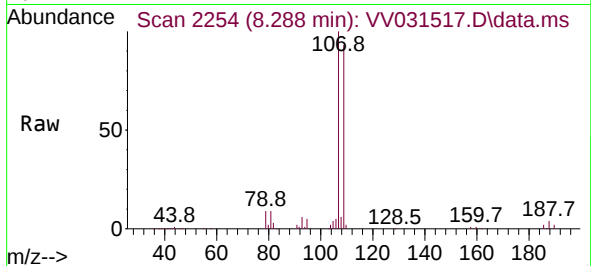




#50
1,2-Dibromoethane
Concen: 51.483 ug/L
RT: 8.288 min Scan# 2114
Delta R.T. -0.000 min
Lab File: VV031517.D
Acq: 14 Jun 2023 15:50

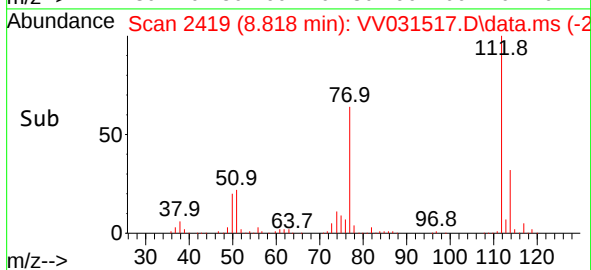
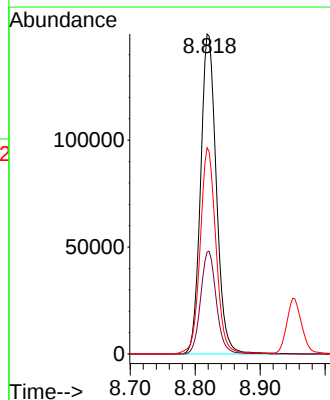
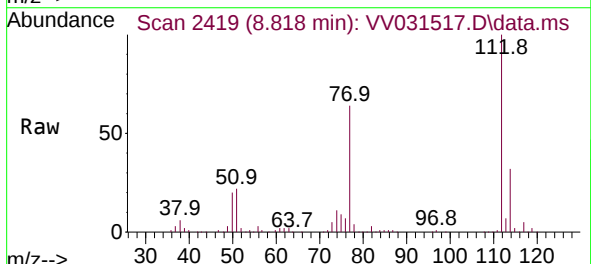
Instrument :
MSVOA_V
ClientSampleId :
VICV238

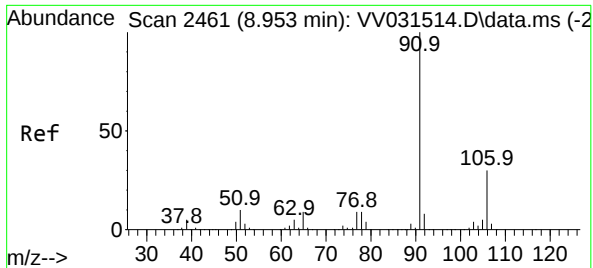
Tgt Ion:	107	Resp:	114017
Ion	Ratio	Lower	Upper
107	100		
109	95.1	65.7	122.1
188	3.7	2.6	4.0



#51
Chlorobenzene
Concen: 49.165 ug/L
RT: 8.818 min Scan# 2419
Delta R.T. -0.000 min
Lab File: VV031517.D
Acq: 14 Jun 2023 15:50

Tgt Ion:	112	Resp:	253145
Ion	Ratio	Lower	Upper
112	100		
114	31.9	22.9	42.5
77	64.5	52.5	78.7

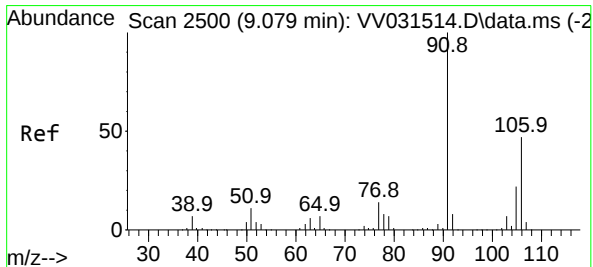
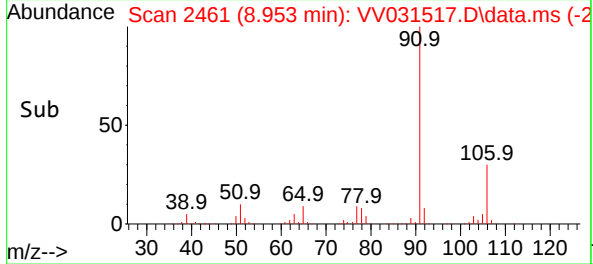
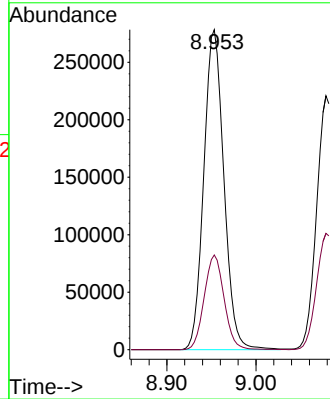
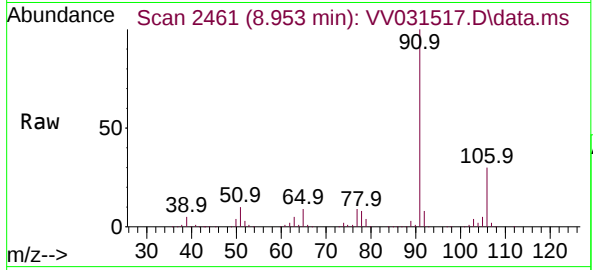




#52
Ethylbenzene
Concen: 50.163 ug/L
RT: 8.953 min Scan# 2461
Delta R.T. -0.000 min
Lab File: VV031517.D
Acq: 14 Jun 2023 15:50

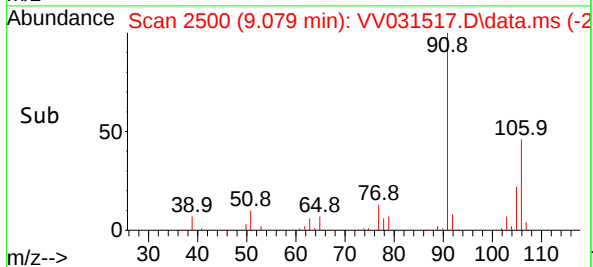
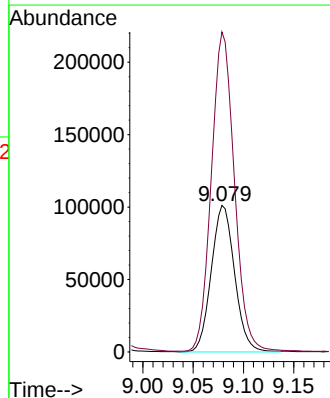
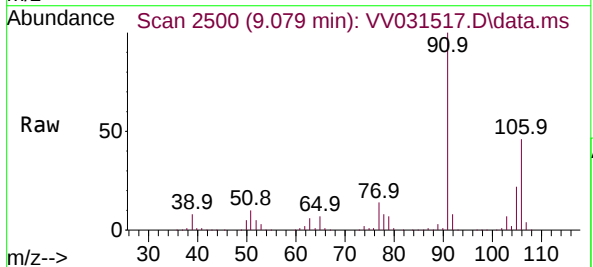
Instrument :
MSVOA_V
ClientSampleId :
VICV238

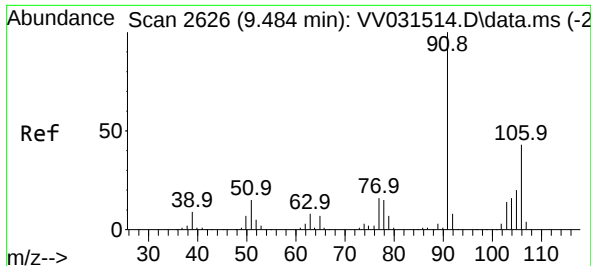
Tgt Ion: 91 Resp: 435150
Ion Ratio Lower Upper
91 100
106 29.6 20.8 38.6



#53
m,p-Xylene
Concen: 51.380 ug/L
RT: 9.079 min Scan# 2500
Delta R.T. -0.000 min
Lab File: VV031517.D
Acq: 14 Jun 2023 15:50

Tgt Ion:106 Resp: 163223
Ion Ratio Lower Upper
106 100
91 218.4 149.0 276.6

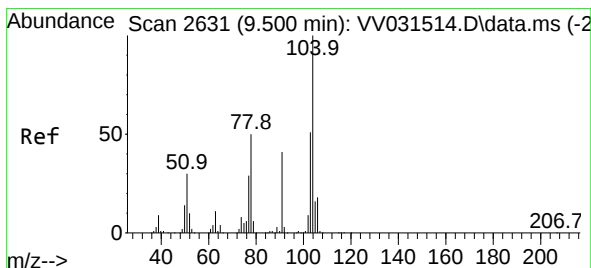
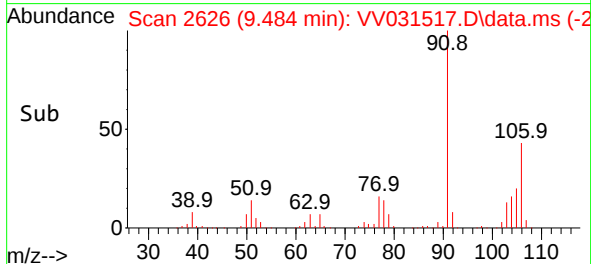
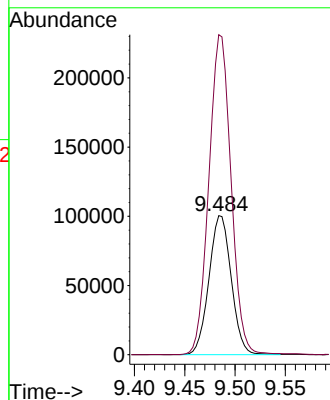
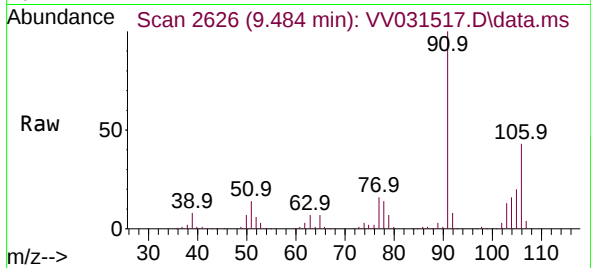




#54
o-Xylene
Concen: 51.383 ug/L
RT: 9.484 min Scan# 2626
Delta R.T. -0.000 min
Lab File: VV031517.D
Acq: 14 Jun 2023 15:50

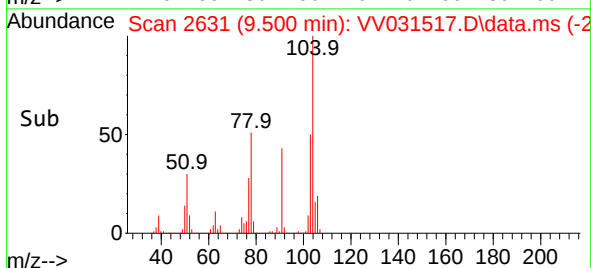
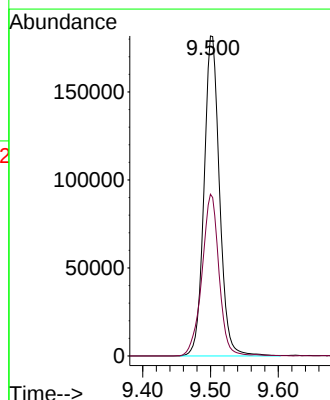
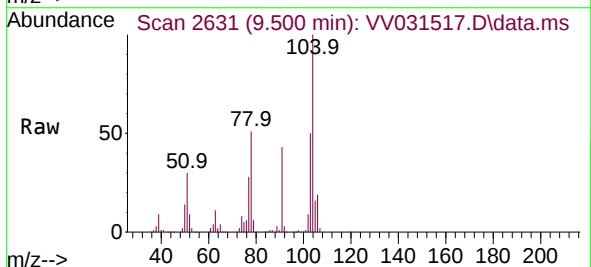
Instrument :
MSVOA_V
ClientSampleId :
VICV238

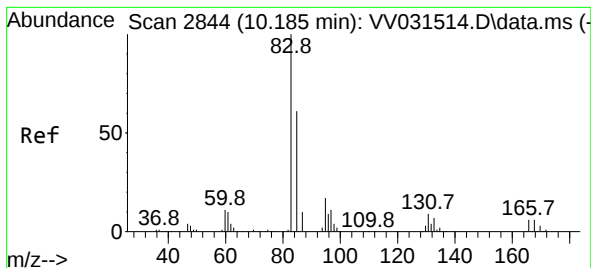
Tgt Ion:106 Resp: 154903
Ion Ratio Lower Upper
106 100
91 230.1 161.3 299.7



#55
Styrene
Concen: 53.697 ug/L
RT: 9.500 min Scan# 2631
Delta R.T. -0.000 min
Lab File: VV031517.D
Acq: 14 Jun 2023 15:50

Tgt Ion:104 Resp: 289109
Ion Ratio Lower Upper
104 100
78 50.5 35.1 65.3





#57

1,1,2,2-Tetrachloroethane

Concen: 51.729 ug/L

RT: 10.185 min Scan# 2844

Delta R.T. -0.000 min

Lab File: VV031517.D

Acq: 14 Jun 2023 15:50

Instrument :

MSVOA_V

ClientSampleId :

VICV238

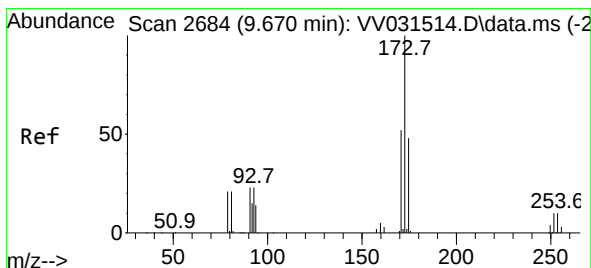
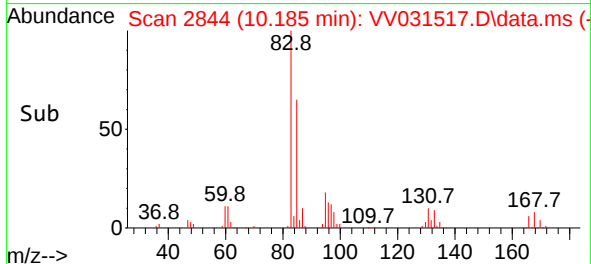
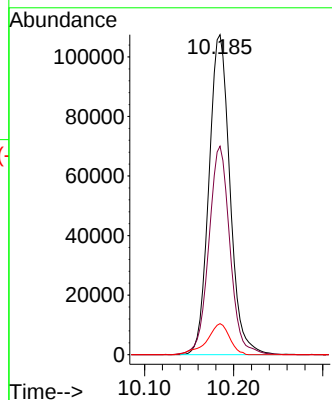
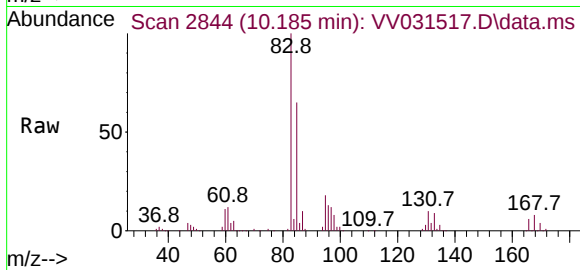
Tgt Ion: 83 Resp: 175799

Ion Ratio Lower Upper

83 100

85 65.2 43.1 80.1

131 13.3 10.6 16.0



#59

Bromoform

Concen: 53.045 ug/L

RT: 9.670 min Scan# 2684

Delta R.T. -0.000 min

Lab File: VV031517.D

Acq: 14 Jun 2023 15:50

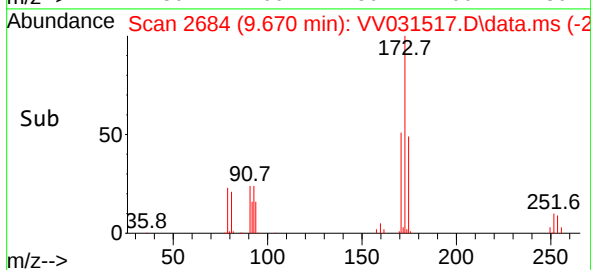
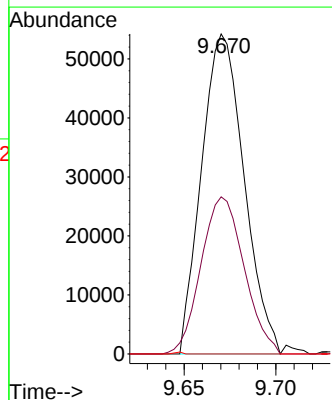
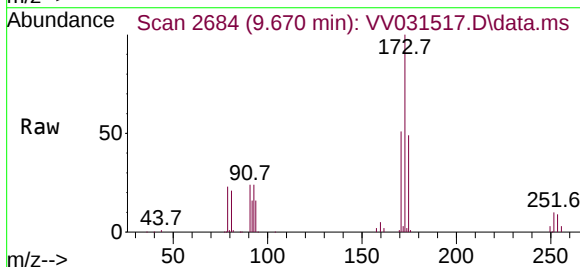
Tgt Ion: 173 Resp: 87329

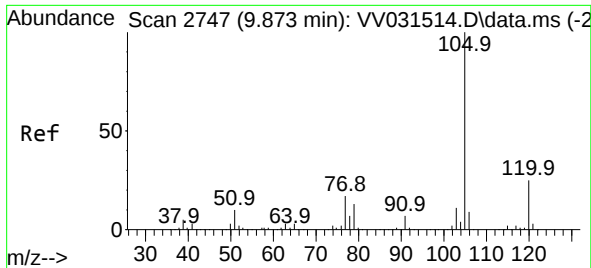
Ion Ratio Lower Upper

173 100

175 49.7 37.7 56.5

254 0.1 0.1 0.1

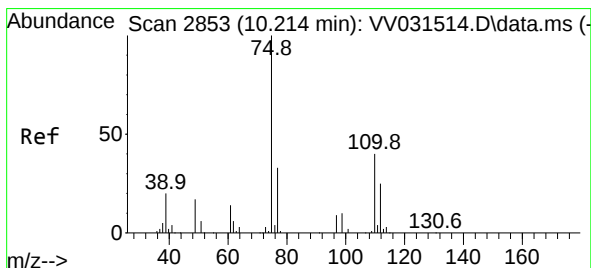
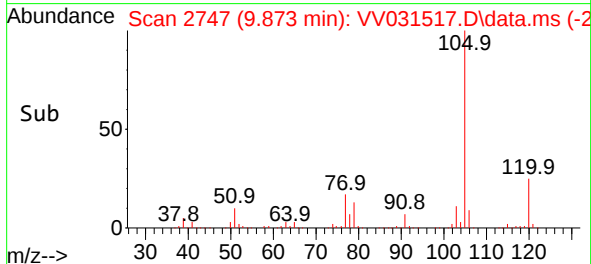
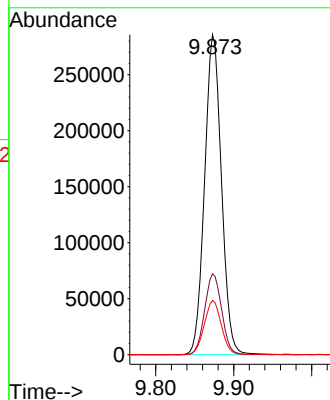
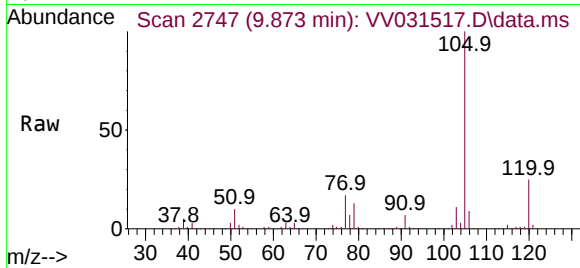




#60
Isopropylbenzene
Concen: 50.716 ug/L
RT: 9.873 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV031517.D
Acq: 14 Jun 2023 15:50

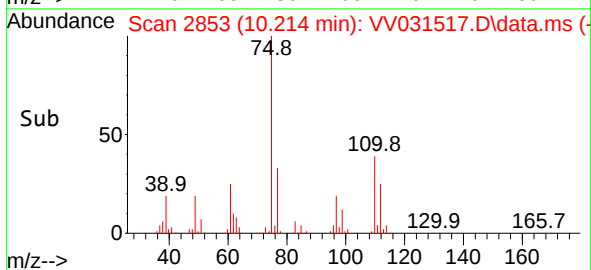
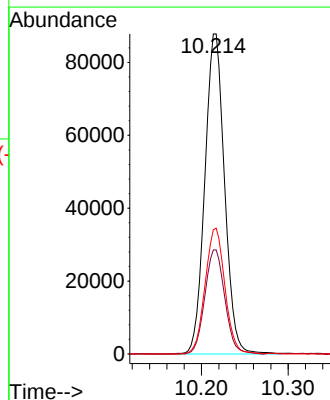
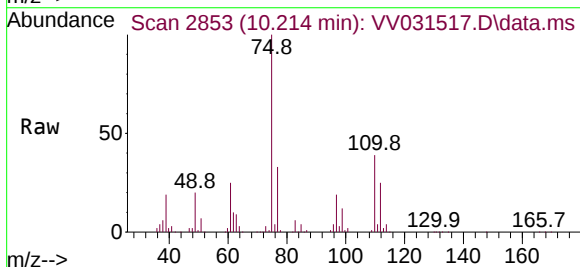
Instrument :
MSVOA_V
ClientSampleId :
VICV238

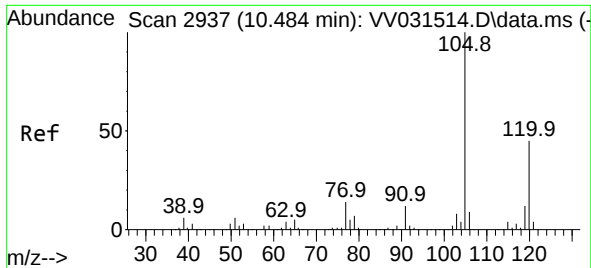
Tgt Ion:105 Resp: 429420
Ion Ratio Lower Upper
105 100
120 25.5 20.2 30.2
77 17.2 13.5 20.3



#61
1,2,3-Trichloropropane
Concen: 52.866 ug/L
RT: 10.214 min Scan# 2853
Delta R.T. -0.000 min
Lab File: VV031517.D
Acq: 14 Jun 2023 15:50

Tgt Ion: 75 Resp: 138680
Ion Ratio Lower Upper
75 100
77 32.9 25.4 38.0
110 39.4 31.3 46.9

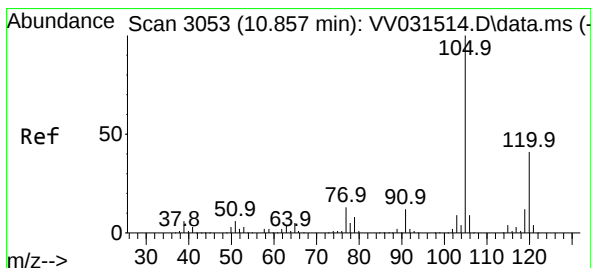
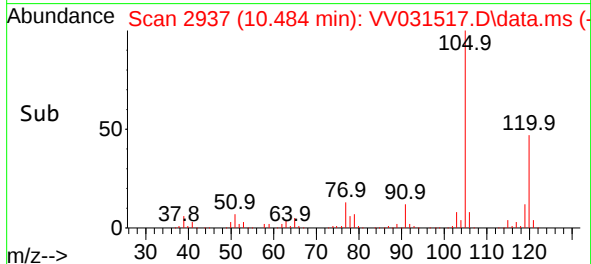
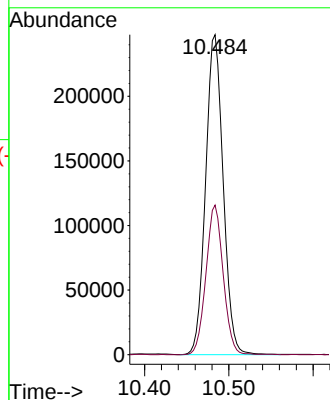
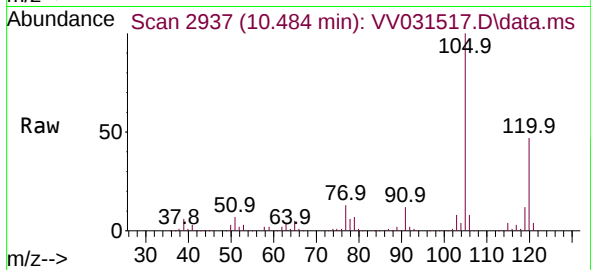




#62
1,3,5-Trimethylbenzene
Concen: 51.454 ug/L
RT: 10.484 min Scan# 2937
Delta R.T. -0.000 min
Lab File: VV031517.D
Acq: 14 Jun 2023 15:50

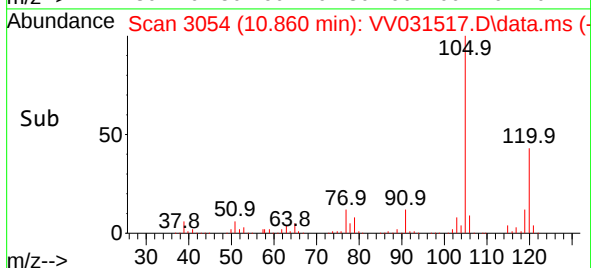
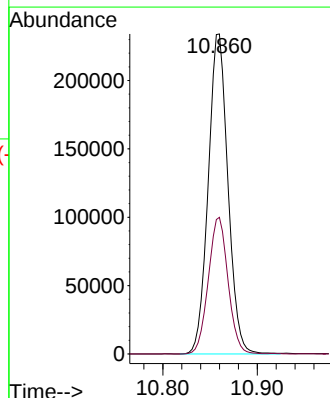
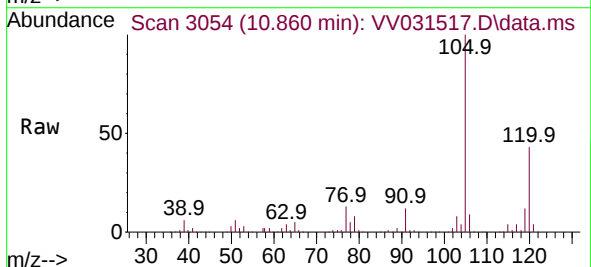
Instrument :
MSVOA_V
ClientSampleId :
VICV238

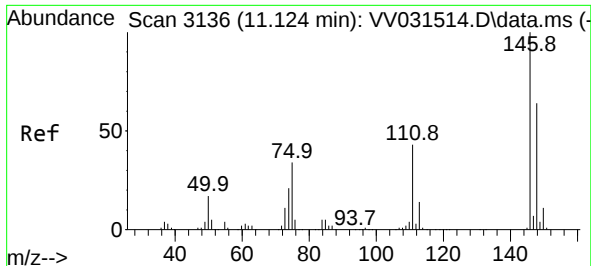
Tgt Ion:105 Resp: 360080
Ion Ratio Lower Upper
105 100
120 45.9 36.2 54.2



#63
1,2,4-Trimethylbenzene
Concen: 52.026 ug/L
RT: 10.860 min Scan# 3054
Delta R.T. 0.003 min
Lab File: VV031517.D
Acq: 14 Jun 2023 15:50

Tgt Ion:105 Resp: 339234
Ion Ratio Lower Upper
105 100
120 42.7 33.4 50.2

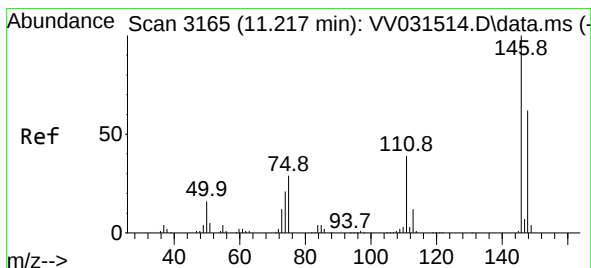
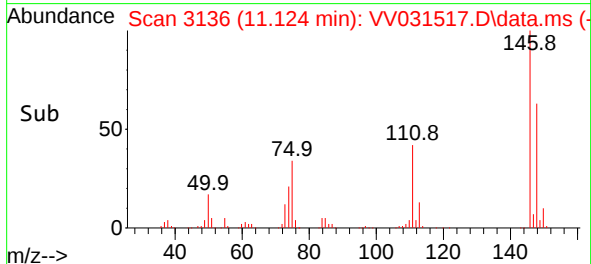
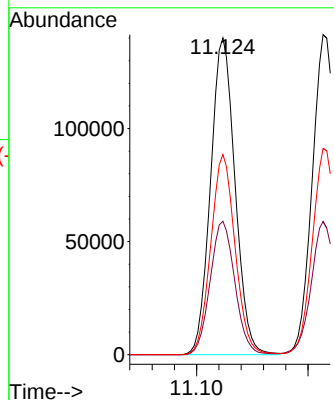
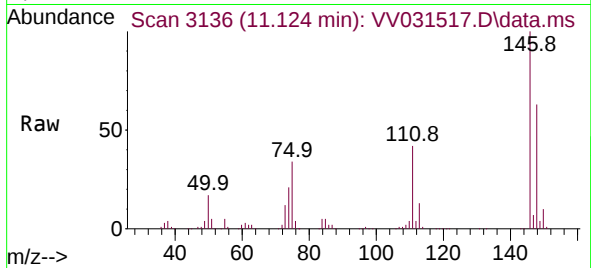




#64
1,3-Dichlorobenzene
Concen: 50.349 ug/L
RT: 11.124 min Scan# 3136
Delta R.T. -0.000 min
Lab File: VV031517.D
Acq: 14 Jun 2023 15:50

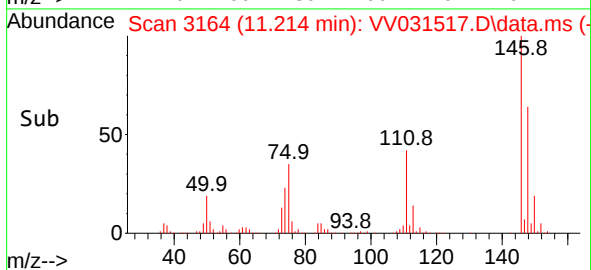
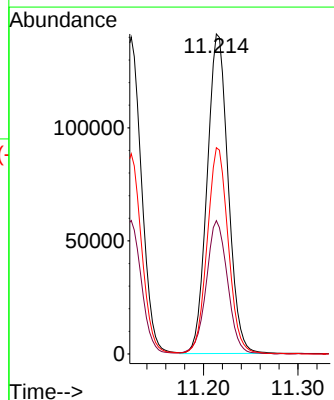
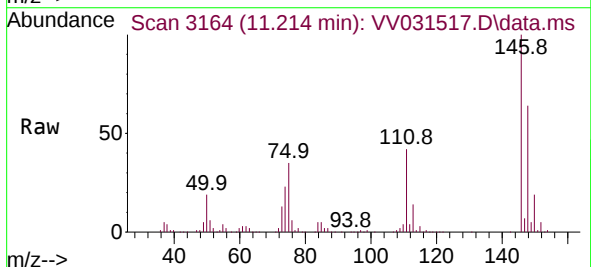
Instrument :
MSVOA_V
ClientSampleId :
VICV238

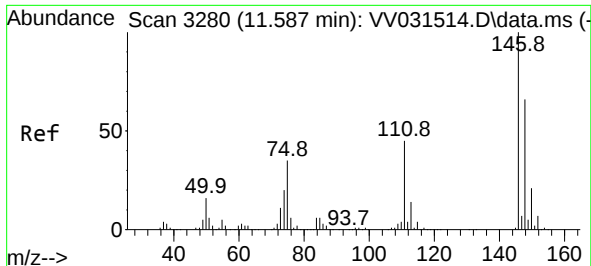
Tgt Ion:146 Resp: 213735
Ion Ratio Lower Upper
146 100
111 42.1 30.4 56.5
148 63.2 44.7 83.1



#65
1,4-Dichlorobenzene
Concen: 48.332 ug/L
RT: 11.214 min Scan# 3164
Delta R.T. -0.003 min
Lab File: VV031517.D
Acq: 14 Jun 2023 15:50

Tgt Ion:146 Resp: 218631
Ion Ratio Lower Upper
146 100
111 41.6 27.9 51.7
148 64.5 43.6 81.0





#67

1,2-Dichlorobenzene

Concen: 49.743 ug/L

RT: 11.587 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV031517.D

Acq: 14 Jun 2023 15:50

Instrument :

MSVOA_V

ClientSampleId :

VICV238

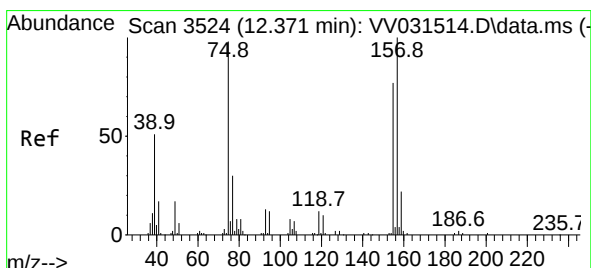
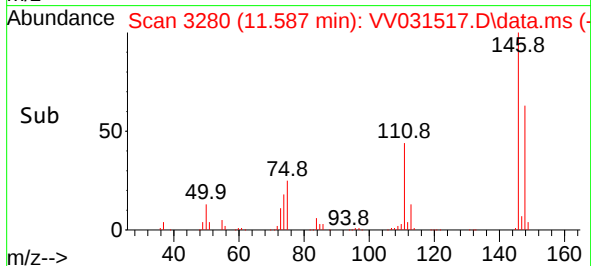
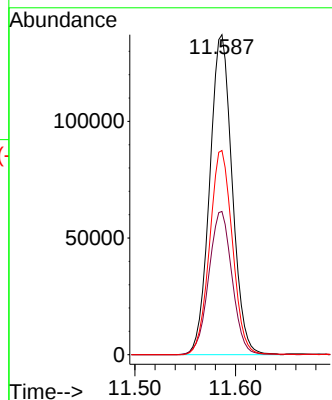
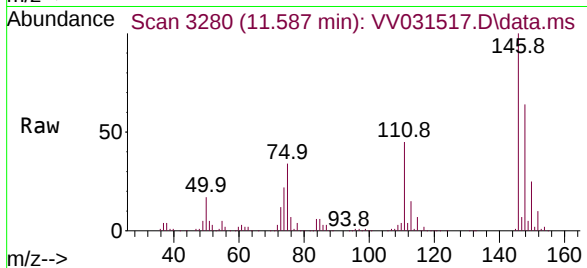
Tgt Ion:146 Resp: 213123

Ion Ratio Lower Upper

146 100

111 44.8 35.9 53.9

148 63.8 52.6 78.8



#68

1,2-Dibromo-3-chloropropane

Concen: 53.345 ug/L

RT: 12.371 min Scan# 3524

Delta R.T. -0.000 min

Lab File: VV031517.D

Acq: 14 Jun 2023 15:50

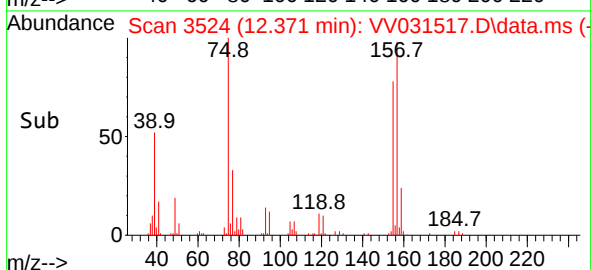
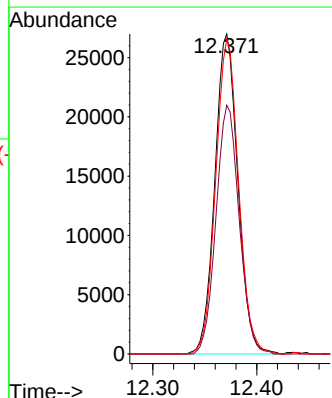
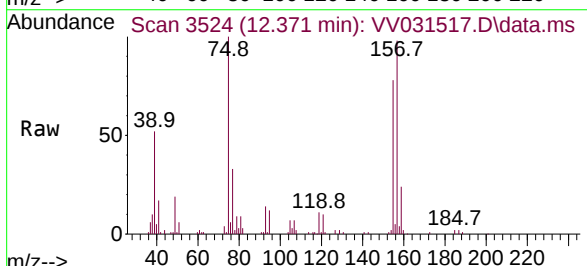
Tgt Ion: 75 Resp: 41534

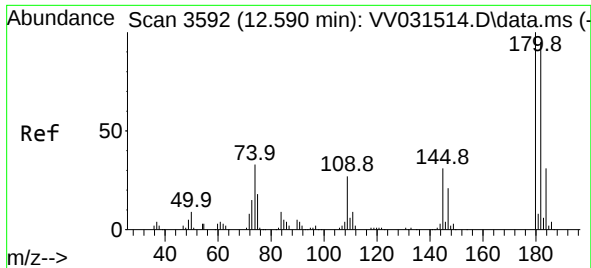
Ion Ratio Lower Upper

75 100

155 77.7 63.2 94.8

157 98.3 85.3 127.9

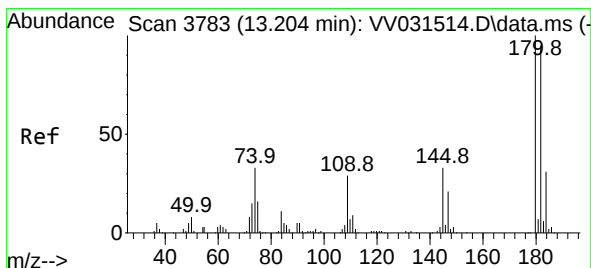
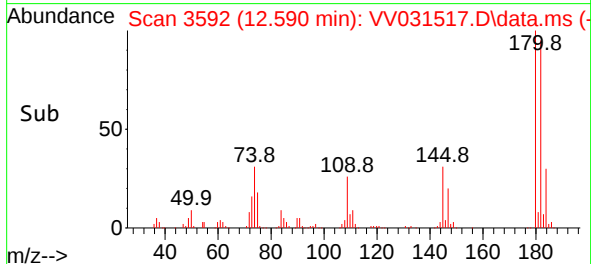
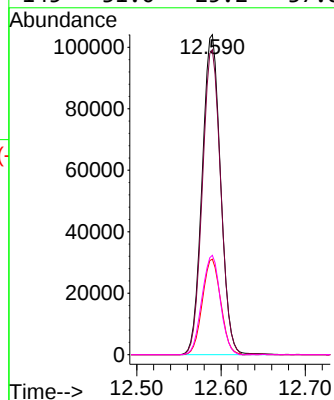
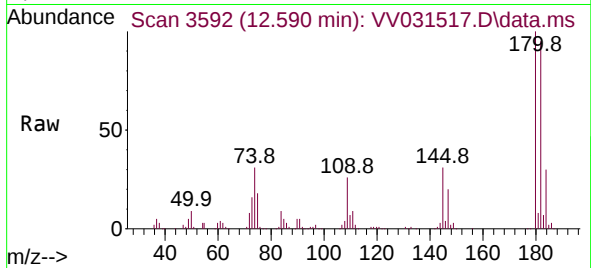




#69
 1,3,5-Trichlorobenzene
 Concen: 49.038 ug/L
 RT: 12.590 min Scan# 3592
 Delta R.T. -0.000 min
 Lab File: VV031517.D
 Acq: 14 Jun 2023 15:50

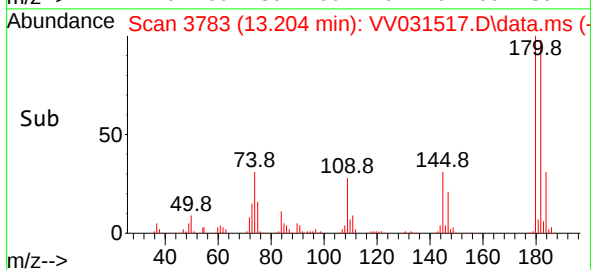
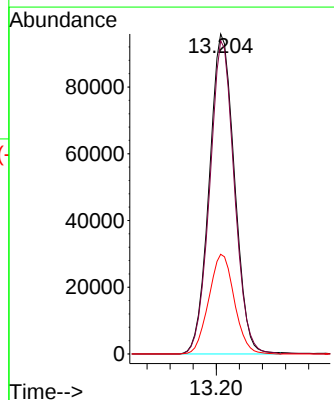
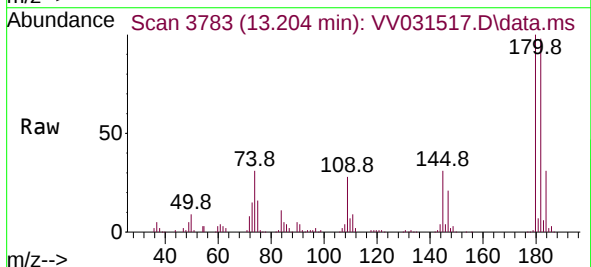
Instrument :
 MSVOA_V
 ClientSampleId :
 VICV238

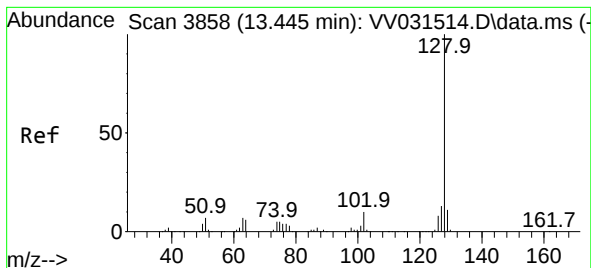
Tgt Ion:180 Resp: 158617
 Ion Ratio Lower Upper
 180 100
 182 94.7 76.6 115.0
 184 29.7 24.7 37.1
 145 31.0 25.2 37.8



#70
 1,2,4-trichlorobenzene
 Concen: 51.242 ug/L
 RT: 13.204 min Scan# 3783
 Delta R.T. -0.000 min
 Lab File: VV031517.D
 Acq: 14 Jun 2023 15:50

Tgt Ion:180 Resp: 145283
 Ion Ratio Lower Upper
 180 100
 182 95.5 77.7 116.5
 145 31.5 26.1 39.1





#71

Naphthalene

Concen: 55.359 ug/L

RT: 13.445 min Scan# 3858

Delta R.T. -0.000 min

Lab File: VV031517.D

Acq: 14 Jun 2023 15:50

Instrument :

MSVOA_V

ClientSampleId :

VICV238

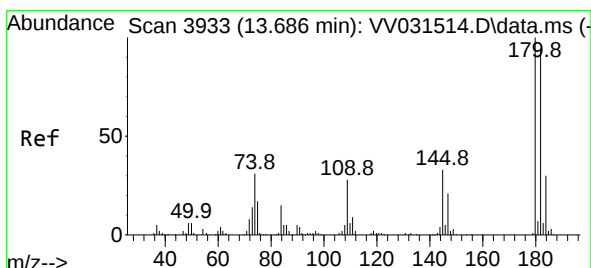
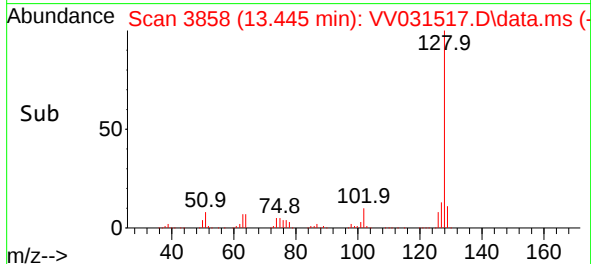
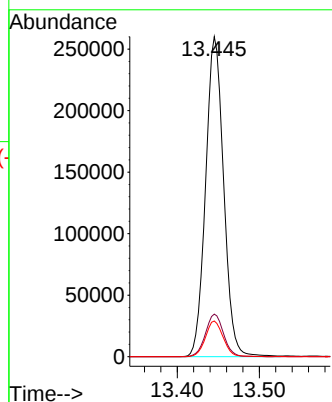
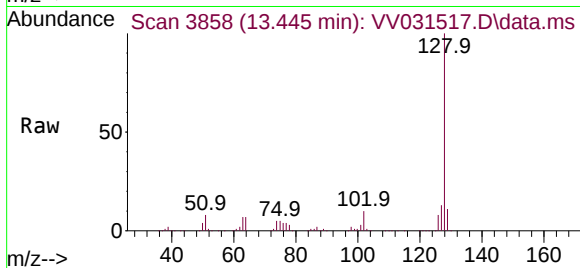
Tgt Ion:128 Resp: 397566

Ion Ratio Lower Upper

128 100

127 13.3 10.6 16.0

129 11.0 8.6 13.0



#72

1,2,3-Trichlorobenzene

Concen: 51.741 ug/L

RT: 13.686 min Scan# 3933

Delta R.T. -0.000 min

Lab File: VV031517.D

Acq: 14 Jun 2023 15:50

Tgt Ion:180 Resp: 152444

Ion Ratio Lower Upper

180 100

182 94.9 74.0 111.0

145 33.9 26.2 39.2

