

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW061423\
 Data File : VW031514.D
 Acq On : 14 Jun 2023 14:18
 Operator : SY/MD
 Sample : VSTD05035
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050235

Quant Time: Jun 15 00:17:48 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM061423WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jun 15 00:16:25 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	237134	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	233150	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	141744	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	78596	40.271	ug/L	0.00
7) Chloroethane-d5	1.536	69	71061	46.026	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.066	65	38909	42.150	ug/L	0.00
21) 2-Butanone-d5	3.796	46	128192	114.445	ug/L	0.00
24) Chloroform-d	4.259	84	196531	53.383	ug/L	0.00
26) 1,2-Dichloroethane-d4	4.950	65	124301	50.839	ug/L	0.00
32) Benzene-d6	4.970	84	340326	53.007	ug/L	0.00
36) 1,2-Dichloropropane-d6	5.995	67	117946	59.219	ug/L	0.00
41) Toluene-d8	7.249	98	320695	53.785	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.558	79	57849	58.261	ug/L	0.00
47) 2-Hexanone-d5	8.031	63	96372	122.896	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.159	84	176917	59.128	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.567	152	134112	51.632	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.111	85	124735	72.113	ug/L	100
3) Chloromethane	1.217	50	115143	63.565	ug/L	100
5) Vinyl chloride	1.288	62	114456	68.837	ug/L	100
6) Bromomethane	1.491	94	76408	77.124	ug/L	100
8) Chloroethane	1.552	64	72702	67.650	ug/L	100
9) Trichlorofluoromethane	1.719	101	191930	61.235	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.076	101	101021	61.177	ug/L	100
12) 1,1-Dichloroethene	2.076	96	87958	62.089	ug/L	100
13) Acetone	2.124	43	125374	90.651	ug/L	100
14) Carbon disulfide	2.249	76	263220	88.141	ug/L	100
15) Methyl Acetate	2.378	43	106582	62.900	ug/L	100
16) Methylene chloride	2.455	84	104018	64.791	ug/L	100
17) trans-1,2-Dichloroethene	2.703	96	91963	68.222	ug/L	100
18) Methyl tert-butyl Ether	2.712	73	306873	61.302	ug/L	100
19) 1,1-Dichloroethane	3.121	63	192852	64.100	ug/L	100
20) cis-1,2-Dichloroethene	3.825	96	100551	62.560	ug/L	100
22) 2-Butanone	3.876	43	152942	110.839	ug/L	100
23) Bromochloromethane	4.156	128	53764	61.246	ug/L	100
25) Chloroform	4.288	83	204854	61.886	ug/L	100
27) 1,2-Dichloroethane	5.047	62	159450	58.327	ug/L	100
29) Cyclohexane	4.593	56	154321	73.823	ug/L	100
30) 1,1,1-Trichloroethane	4.523	97	184066	60.633	ug/L	100
31) Carbon tetrachloride	4.744	117	167409	62.769	ug/L	100
33) Benzene	5.018	78	400343	66.285	ug/L	100
34) Trichloroethene	5.841	95	103288	63.798	ug/L	100
35) Methylcyclohexane	6.060	83	157707	71.106	ug/L	100
37) 1,2-Dichloropropane	6.101	63	115578	68.408	ug/L	100
38) Bromodichloromethane	6.439	83	154128	60.875	ug/L	100
39) cis-1,3-Dichloropropene	6.960	75	174015	66.914	ug/L	100
40) 4-Methyl-2-pentanone	7.166	43	290105	117.897	ug/L	100
42) Toluene	7.323	91	431191	66.257	ug/L	100
44) trans-1,3-Dichloropropene	7.587	75	173820	66.984	ug/L	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW061423\
 Data File : VW031514.D
 Acq On : 14 Jun 2023 14:18
 Operator : SY/MD
 Sample : VSTD05035
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

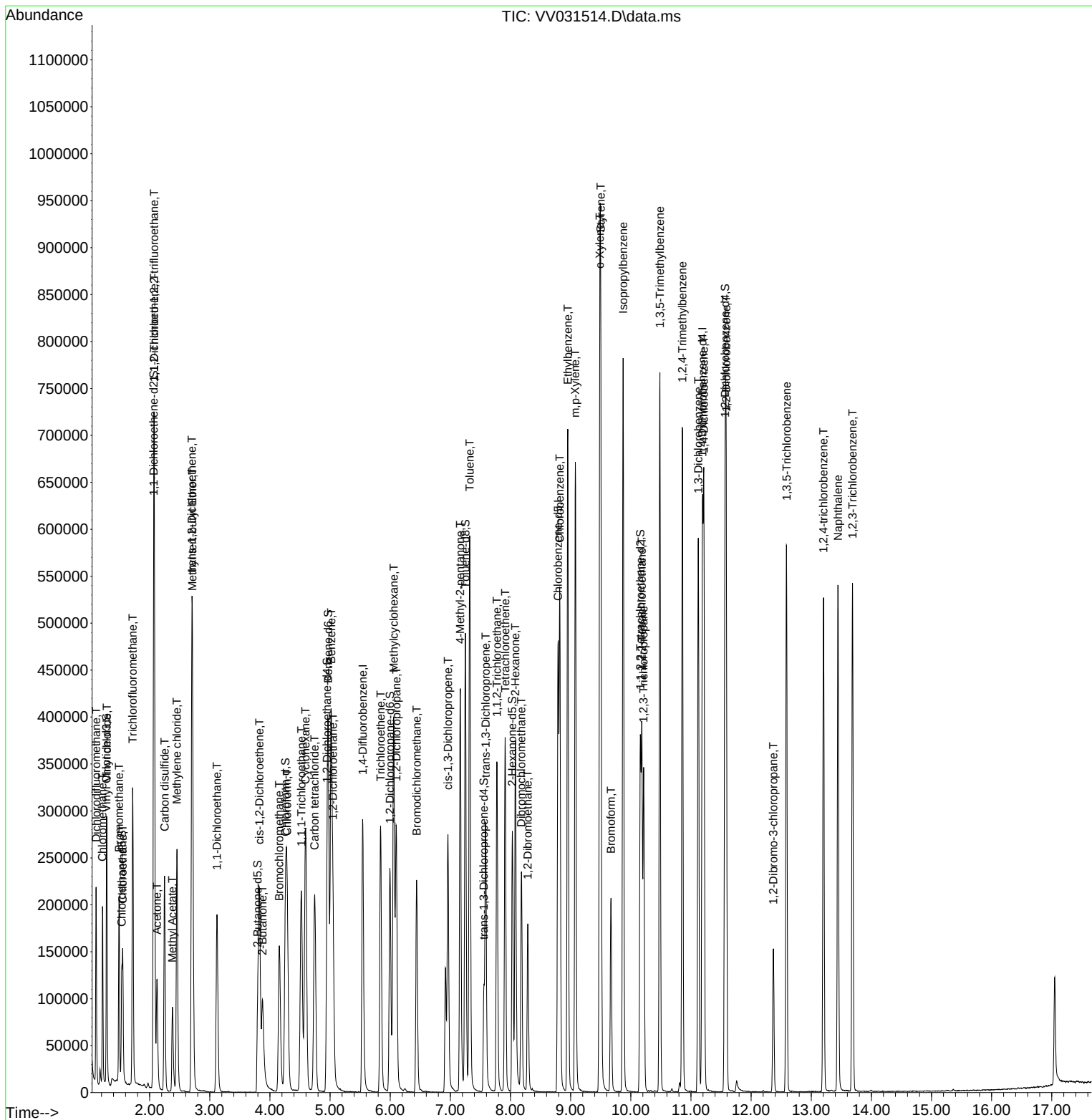
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050235

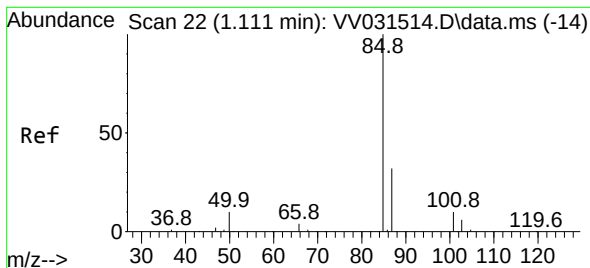
Quant Time: Jun 15 00:17:48 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM061423WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jun 15 00:16:25 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.773	97	109833	61.717	ug/L	100
46) Tetrachloroethene	7.912	164	81775	59.974	ug/L	100
48) 2-Hexanone	8.082	43	227784	112.916	ug/L	100
49) Dibromochloromethane	8.182	129	119690	59.737	ug/L	100
50) 1,2-Dibromoethane	8.288	107	117531	64.977	ug/L	100
51) Chlorobenzene	8.818	112	267943	59.174	ug/L	100
52) Ethylbenzene	8.953	91	472014	63.707	ug/L	100
53) m,p-Xylene	9.079	106	175919	61.904	ug/L	100
54) o-Xylene	9.484	106	164895	59.335	ug/L	100
55) Styrene	9.500	104	305556	61.894	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.185	83	180837	61.674	ug/L	100
59) Bromoform	9.670	173	90727	53.427	ug/L	100
60) Isopropylbenzene	9.873	105	471085	58.966	ug/L	100
61) 1,2,3-Trichloropropane	10.214	75	138857	60.287	ug/L	100
62) 1,3,5-Trimethylbenzene	10.484	105	389931	59.066	ug/L	100
63) 1,2,4-Trimethylbenzene	10.857	105	366430	57.449	ug/L	100
64) 1,3-Dichlorobenzene	11.124	146	227592	56.414	ug/L	100
65) 1,4-Dichlorobenzene	11.217	146	237513	56.561	ug/L	100
67) 1,2-Dichlorobenzene	11.587	146	227492	55.834	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.371	75	39919	56.604	ug/L	100
69) 1,3,5-Trichlorobenzene	12.590	180	167177	53.742	ug/L	100
70) 1,2,4-trichlorobenzene	13.204	180	147150	55.641	ug/L	100
71) Naphthalene	13.445	128	392728	56.824	ug/L	100
72) 1,2,3-Trichlorobenzene	13.686	180	160161	59.732	ug/L	100

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

Quant Time: Jun 15 00:17:48 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM061423WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Jun 15 00:16:25 2023
Response via : Initial Calibration

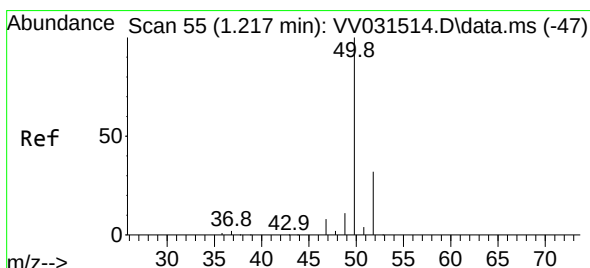
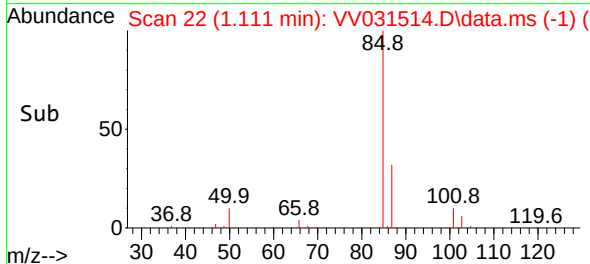
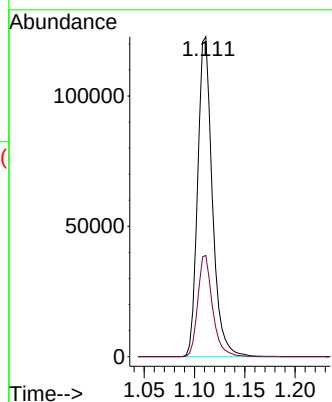
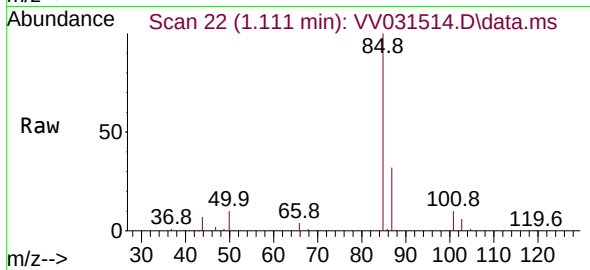




#2
 Dichlorodifluoromethane
 Concen: 72.113 ug/L
 RT: 1.111 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VV031514.D
 Acq: 14 Jun 2023 14:18

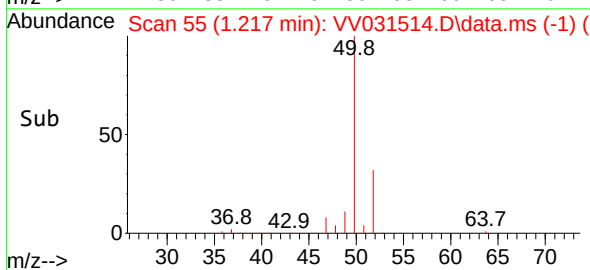
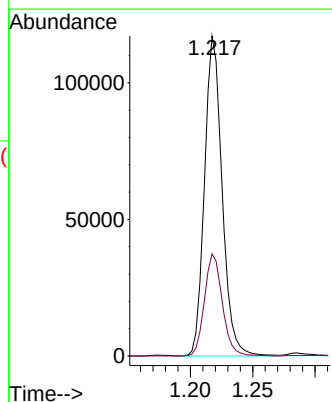
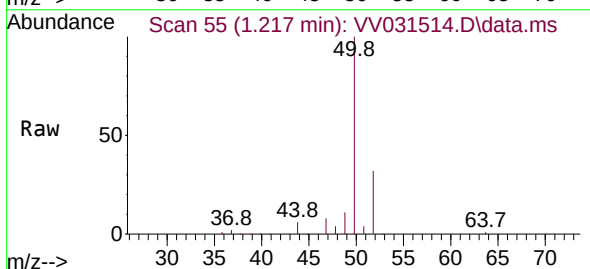
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050235

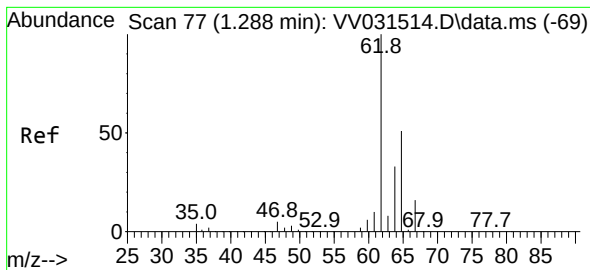
Tgt Ion: 85 Resp: 124735
 Ion Ratio Lower Upper
 85 100
 87 31.9 25.5 38.3



#3
 Chloromethane
 Concen: 63.565 ug/L
 RT: 1.217 min Scan# 55
 Delta R.T. 0.000 min
 Lab File: VV031514.D
 Acq: 14 Jun 2023 14:18

Tgt Ion: 50 Resp: 115143
 Ion Ratio Lower Upper
 50 100
 52 31.9 22.3 41.5





#5

Vinyl chloride

Concen: 68.837 ug/L

RT: 1.288 min Scan# 71

Delta R.T. 0.000 min

Lab File: VV031514.D

Acq: 14 Jun 2023 14:18

Instrument :

MSVOA_V

ClientSampleId :

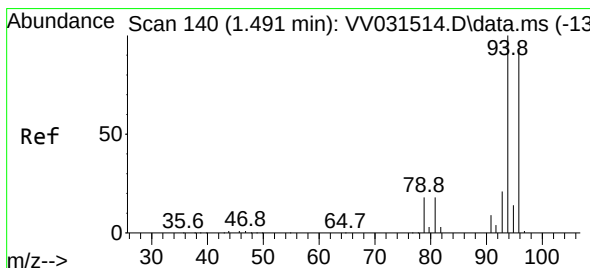
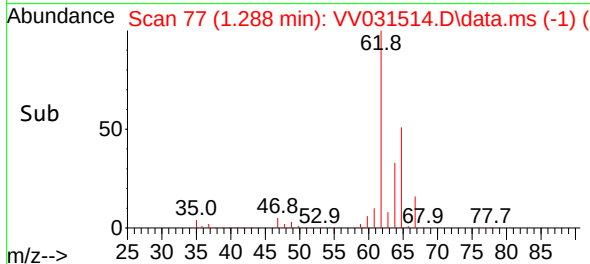
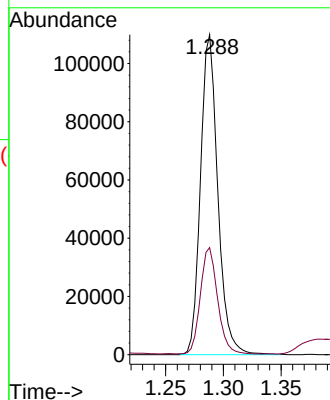
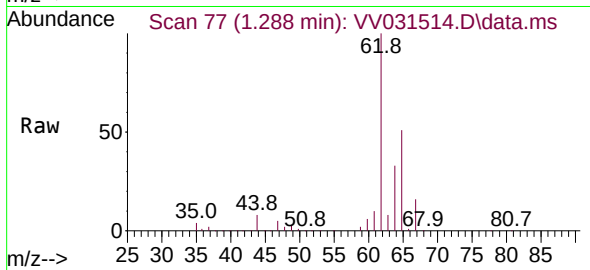
VSTD050235

Tgt Ion: 62 Resp: 114456

Ion Ratio Lower Upper

62 100

64 33.4 23.4 43.4



#6

Bromomethane

Concen: 77.124 ug/L

RT: 1.491 min Scan# 140

Delta R.T. 0.000 min

Lab File: VV031514.D

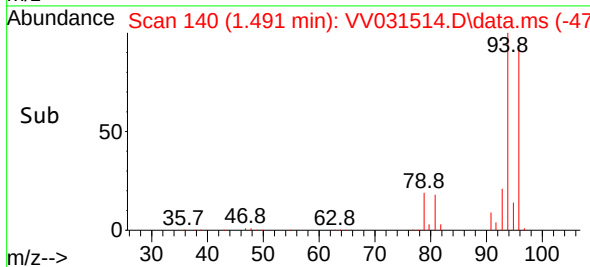
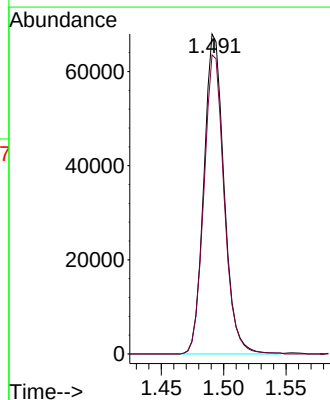
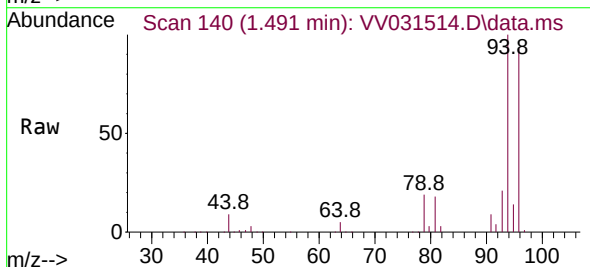
Acq: 14 Jun 2023 14:18

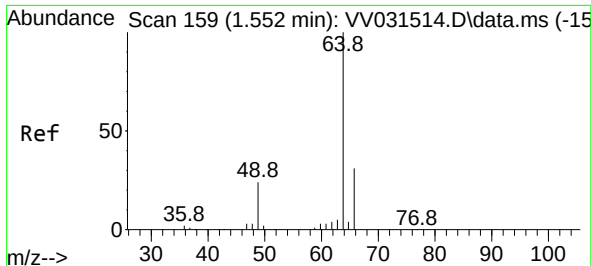
Tgt Ion: 94 Resp: 76408

Ion Ratio Lower Upper

94 100

96 93.4 65.4 121.4

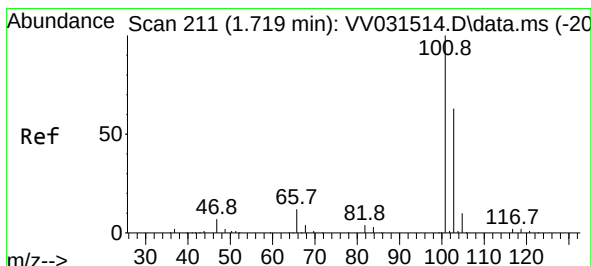
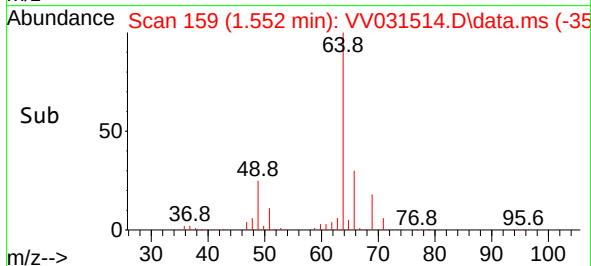
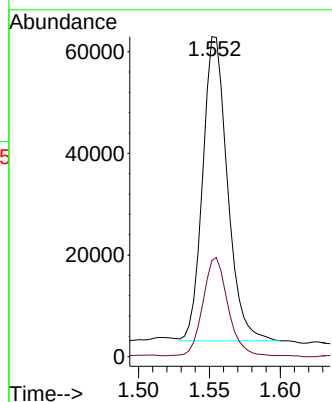
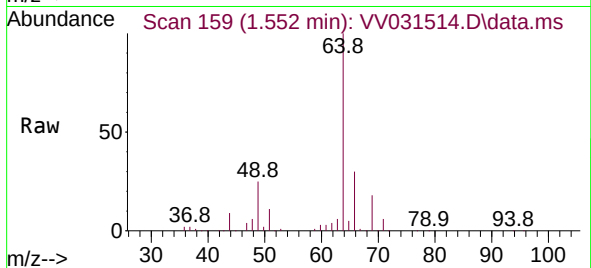




#8
Chloroethane
Concen: 67.650 ug/L
RT: 1.552 min Scan# 159
Delta R.T. 0.000 min
Lab File: VV031514.D
Acq: 14 Jun 2023 14:18

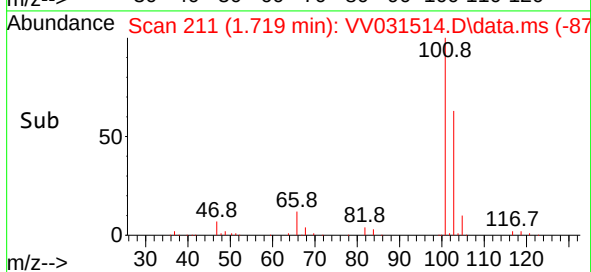
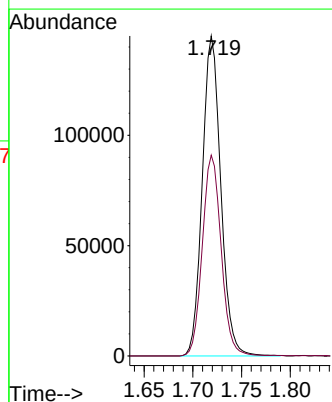
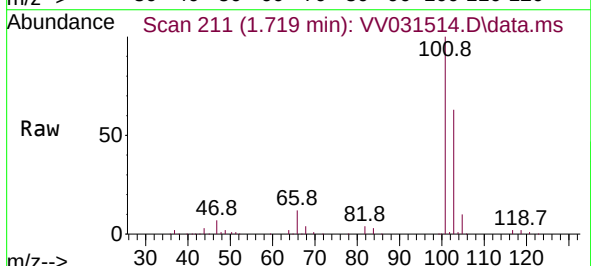
Instrument :
MSVOA_V
ClientSampleId :
VSTD050235

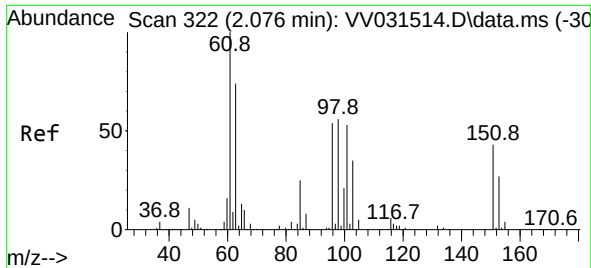
Tgt Ion: 64 Resp: 72702
Ion Ratio Lower Upper
64 100
66 30.0 21.0 39.0



#9
Trichlorofluoromethane
Concen: 61.235 ug/L
RT: 1.719 min Scan# 211
Delta R.T. 0.000 min
Lab File: VV031514.D
Acq: 14 Jun 2023 14:18

Tgt Ion:101 Resp: 191930
Ion Ratio Lower Upper
101 100
103 63.6 50.9 76.3

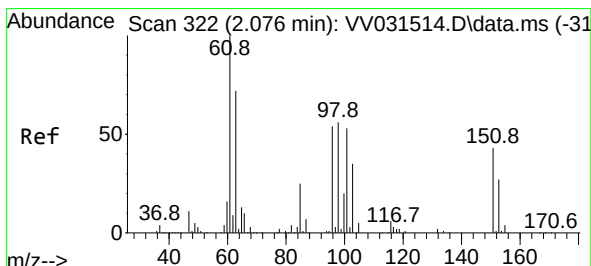
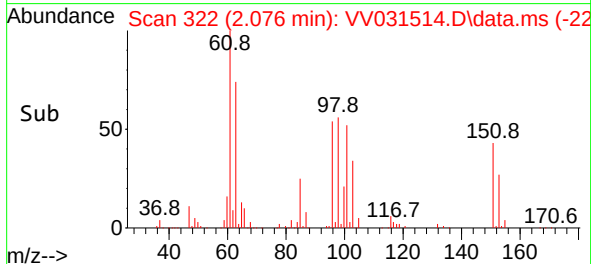
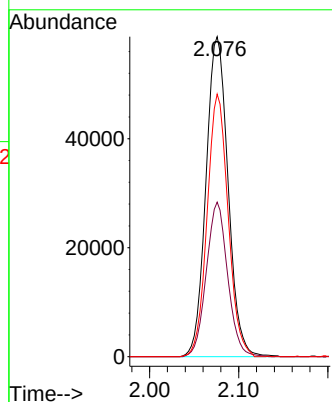
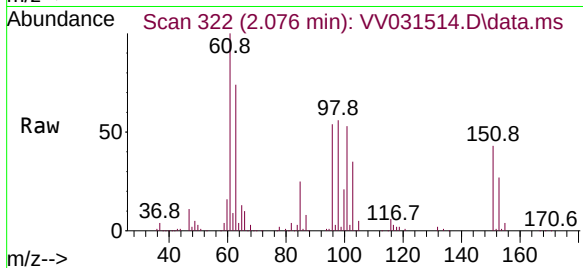




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 61.177 ug/L
 RT: 2.076 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: VV031514.D
 Acq: 14 Jun 2023 14:18

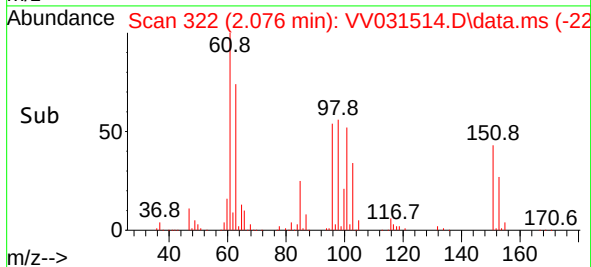
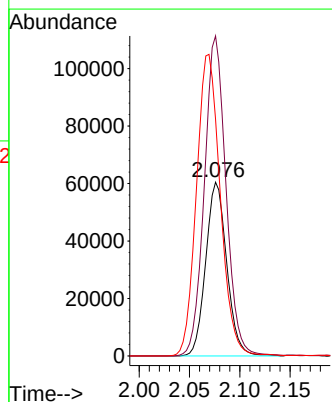
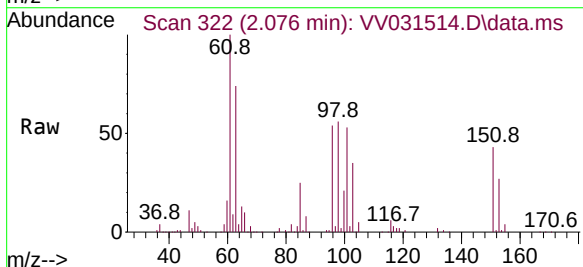
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050235

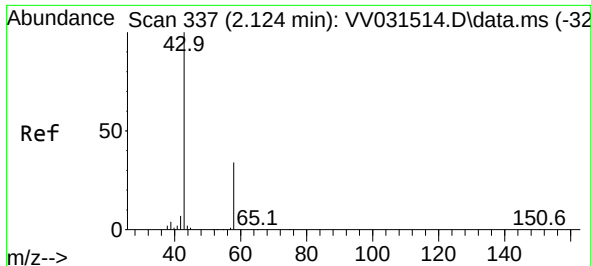
Tgt Ion:101 Resp: 101021
 Ion Ratio Lower Upper
 101 100
 85 46.7 37.4 56.0
 151 77.9 62.3 93.5



#12
 1,1-Dichloroethene
 Concen: 62.089 ug/L
 RT: 2.076 min Scan# 322
 Delta R.T. 0.000 min
 Lab File: VV031514.D
 Acq: 14 Jun 2023 14:18

Tgt Ion: 96 Resp: 87958
 Ion Ratio Lower Upper
 96 100
 61 184.2 128.9 239.5
 63 136.2 95.3 177.1





#13

Acetone

Concen: 90.651 ug/L

RT: 2.124 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV031514.D

Acq: 14 Jun 2023 14:18

Instrument :

MSVOA_V

ClientSampleId :

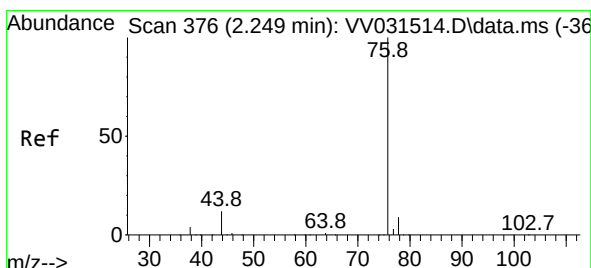
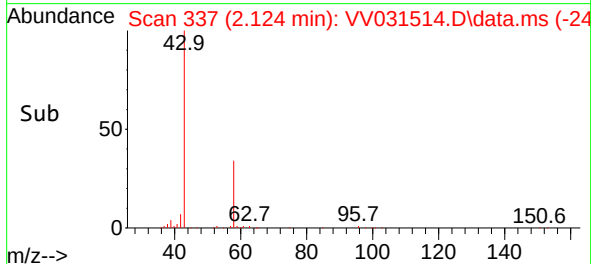
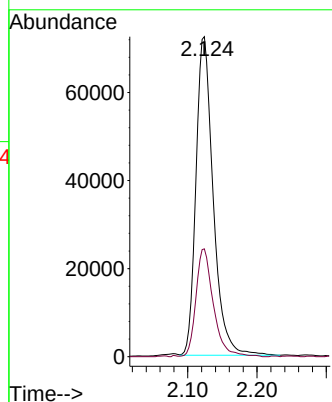
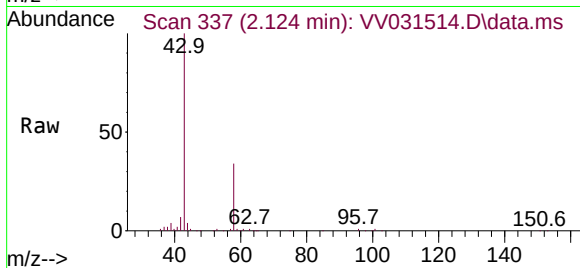
VSTD050235

Tgt Ion: 43 Resp: 125374

Ion Ratio Lower Upper

43 100

58 34.3 0.0 68.6



#14

Carbon disulfide

Concen: 88.141 ug/L

RT: 2.249 min Scan# 376

Delta R.T. 0.000 min

Lab File: VV031514.D

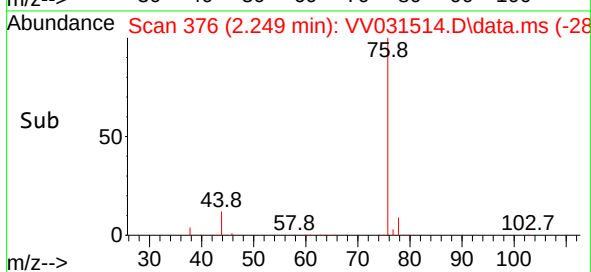
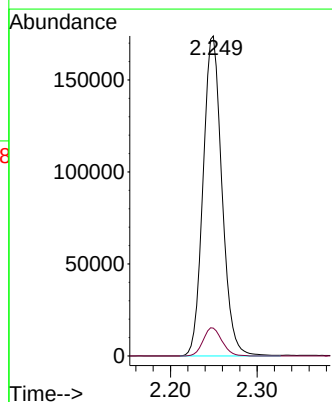
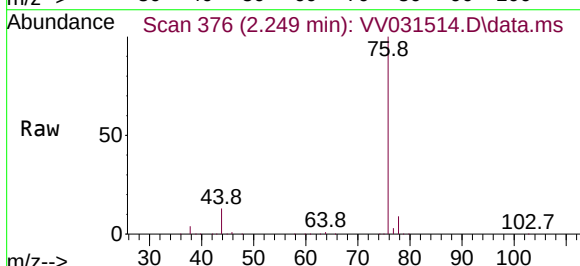
Acq: 14 Jun 2023 14:18

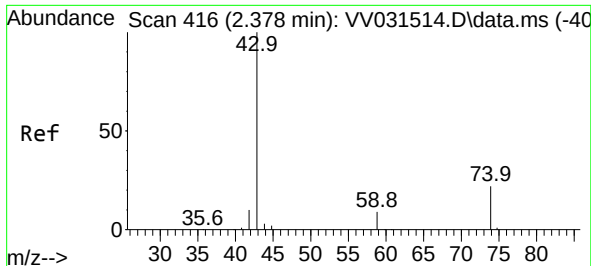
Tgt Ion: 76 Resp: 263220

Ion Ratio Lower Upper

76 100

78 8.9 7.1 10.7

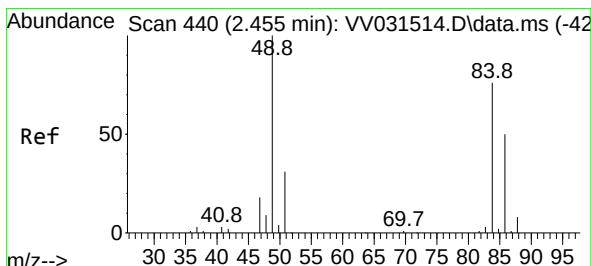
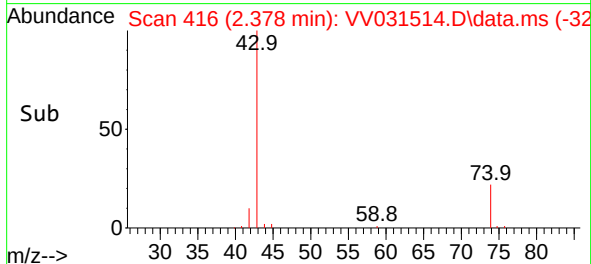
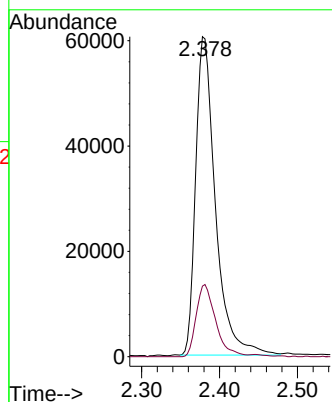
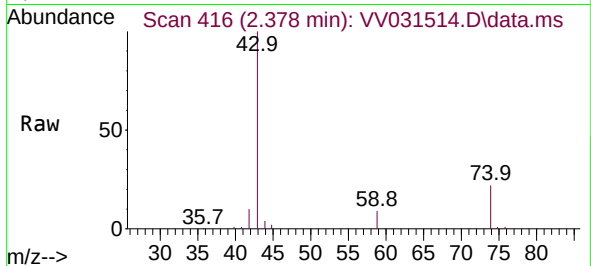




#15
Methyl Acetate
Concen: 62.900 ug/L
RT: 2.378 min Scan# 416
Delta R.T. 0.000 min
Lab File: VV031514.D
Acq: 14 Jun 2023 14:18

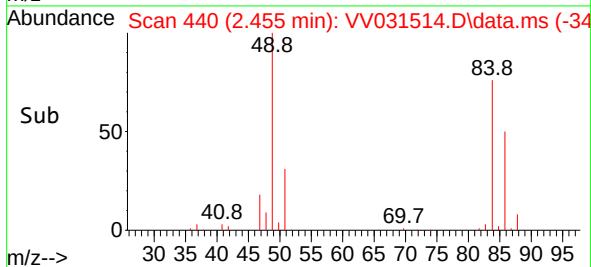
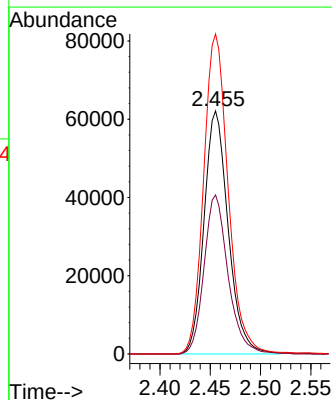
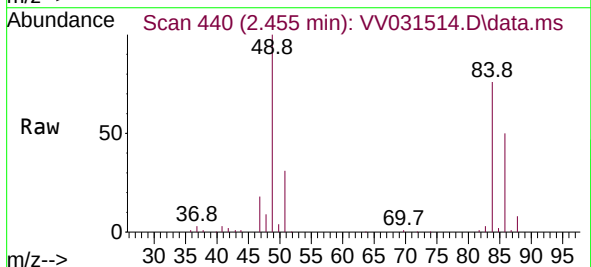
Instrument :
MSVOA_V
ClientSampleId :
VSTD050235

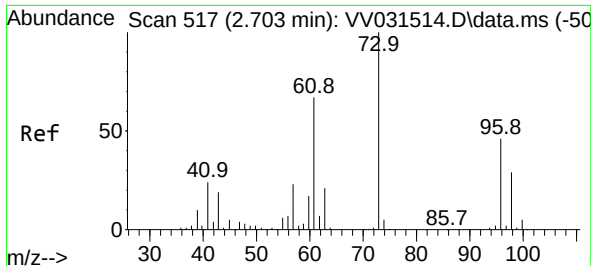
Tgt Ion: 43 Resp: 106582
Ion Ratio Lower Upper
43 100
74 22.2 17.8 26.6



#16
Methylene chloride
Concen: 64.791 ug/L
RT: 2.455 min Scan# 440
Delta R.T. 0.000 min
Lab File: VV031514.D
Acq: 14 Jun 2023 14:18

Tgt Ion: 84 Resp: 104018
Ion Ratio Lower Upper
84 100
86 65.4 45.8 85.0
49 131.6 92.1 171.1

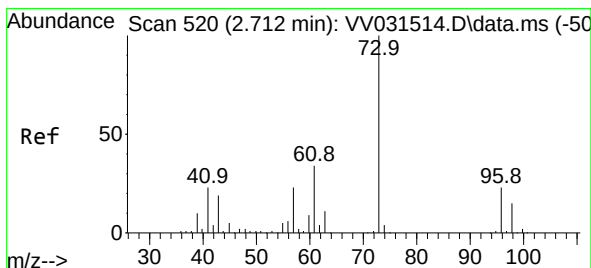
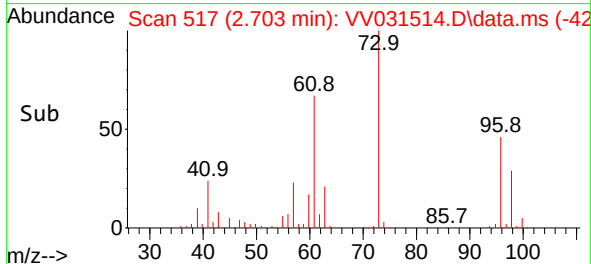
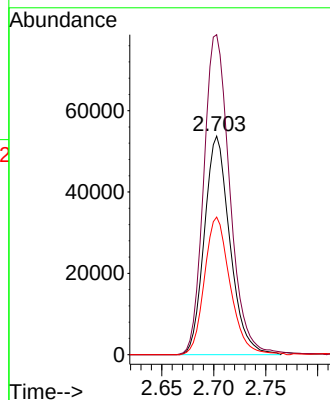
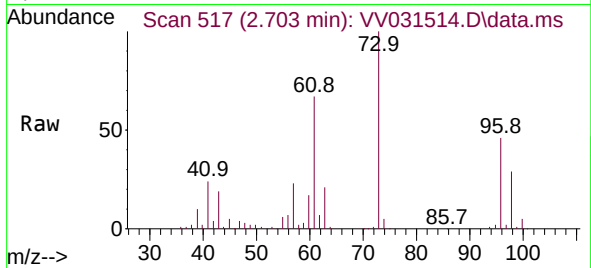




#17
trans-1,2-Dichloroethene
Concen: 68.222 ug/L
RT: 2.703 min Scan# 517
Delta R.T. 0.000 min
Lab File: VV031514.D
Acq: 14 Jun 2023 14:18

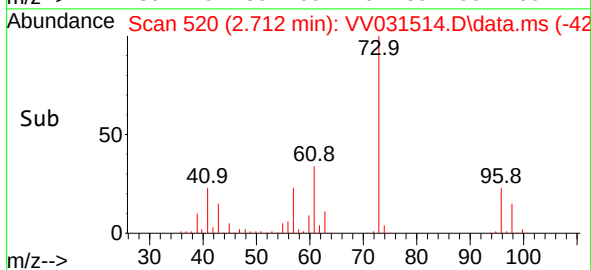
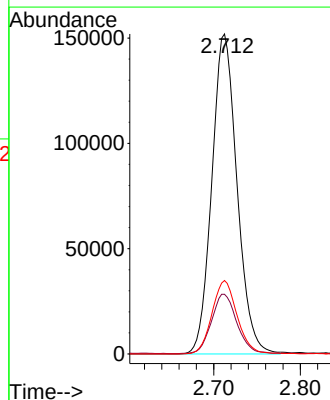
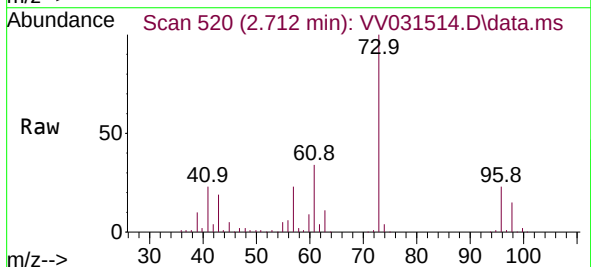
Instrument :
MSVOA_V
ClientSampleId :
VSTD050235

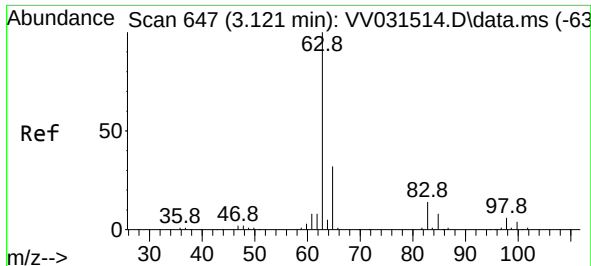
Tgt Ion: 96 Resp: 91963
Ion Ratio Lower Upper
96 100
61 146.4 102.5 190.3
98 63.0 44.1 81.9



#18
Methyl tert-butyl Ether
Concen: 61.302 ug/L
RT: 2.712 min Scan# 520
Delta R.T. 0.000 min
Lab File: VV031514.D
Acq: 14 Jun 2023 14:18

Tgt Ion: 73 Resp: 306873
Ion Ratio Lower Upper
73 100
43 18.7 15.0 22.4
57 22.8 18.2 27.4

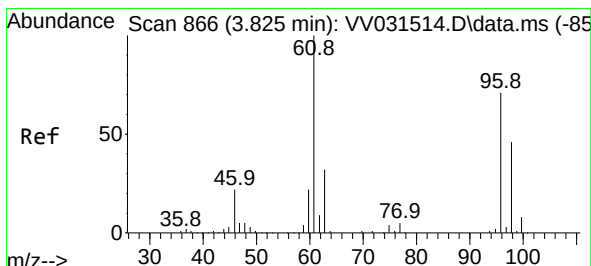
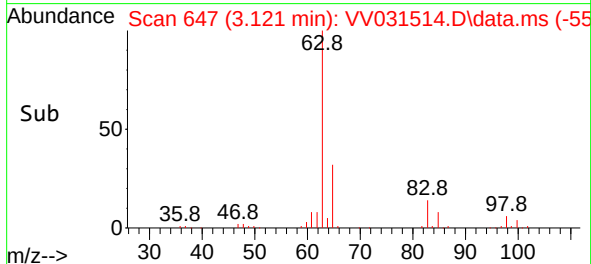
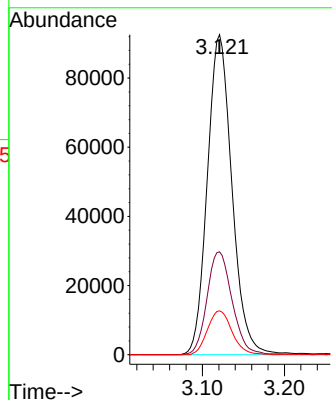
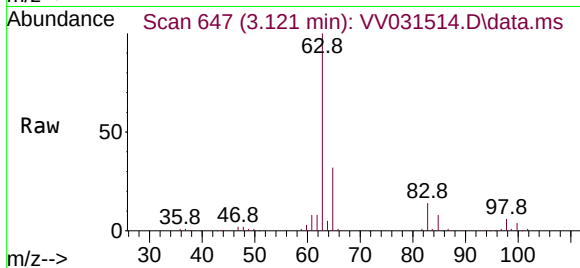




#19
1,1-Dichloroethane
Concen: 64.100 ug/L
RT: 3.121 min Scan# 647
Delta R.T. 0.000 min
Lab File: VV031514.D
Acq: 14 Jun 2023 14:18

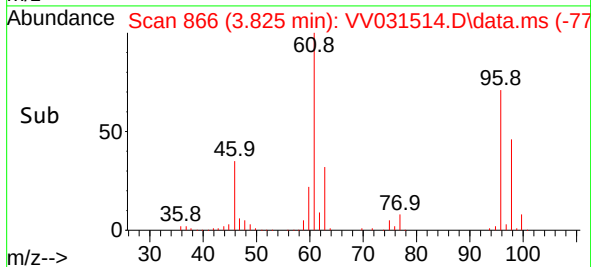
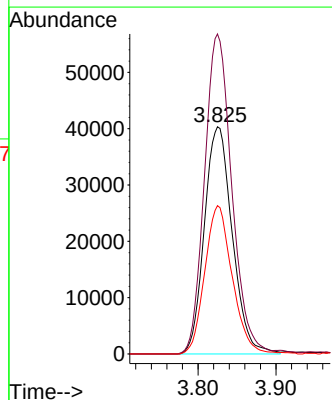
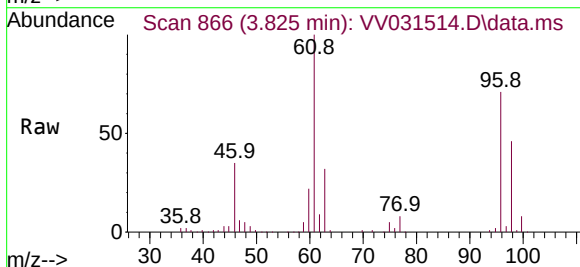
Instrument :
MSVOA_V
ClientSampleId :
VSTD050235

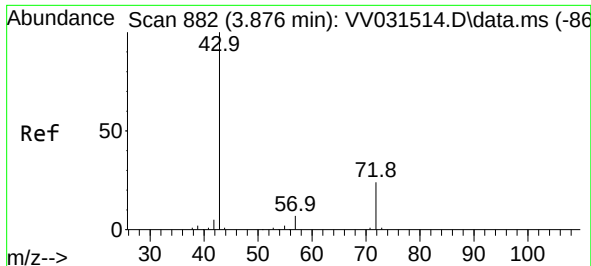
Tgt Ion: 63 Resp: 192852
Ion Ratio Lower Upper
63 100
65 32.1 22.5 41.7
83 14.3 10.0 18.6



#20
cis-1,2-Dichloroethene
Concen: 62.560 ug/L
RT: 3.825 min Scan# 866
Delta R.T. 0.000 min
Lab File: VV031514.D
Acq: 14 Jun 2023 14:18

Tgt Ion: 96 Resp: 100551
Ion Ratio Lower Upper
96 100
61 140.8 98.6 183.0
98 65.3 45.7 84.9

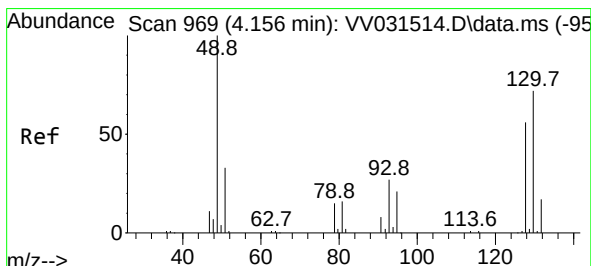
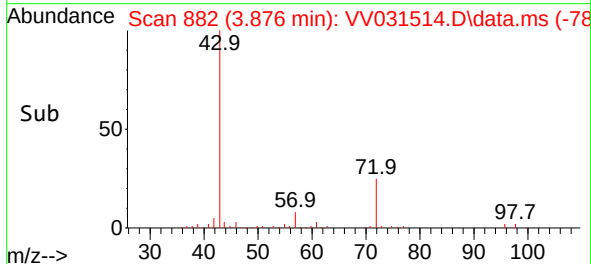
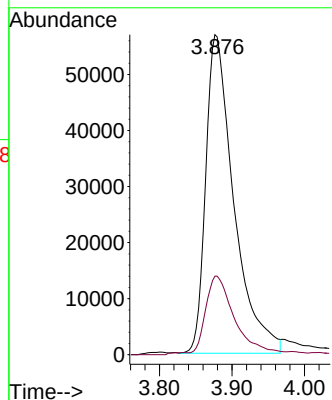
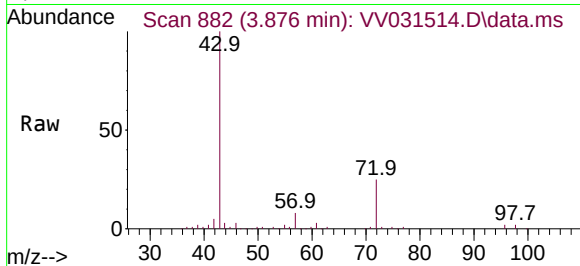




#22
2-Butanone
Concen: 110.839 ug/L
RT: 3.876 min Scan# 882
Delta R.T. 0.000 min
Lab File: VV031514.D
Acq: 14 Jun 2023 14:18

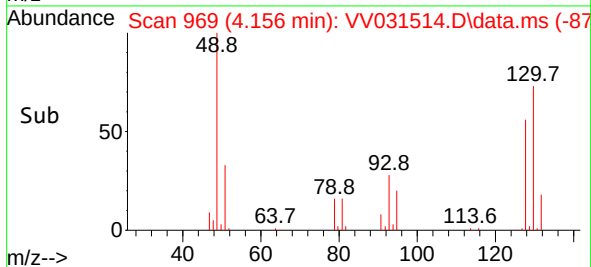
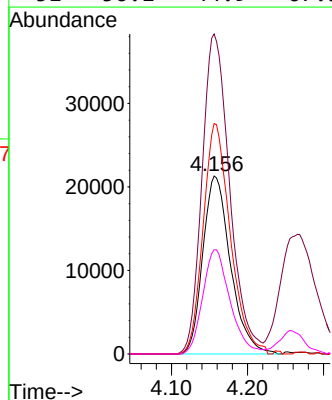
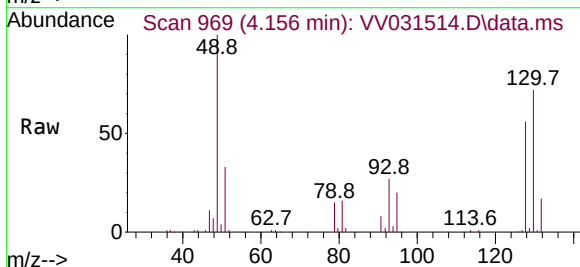
Instrument :
MSVOA_V
ClientSampleId :
VSTD050235

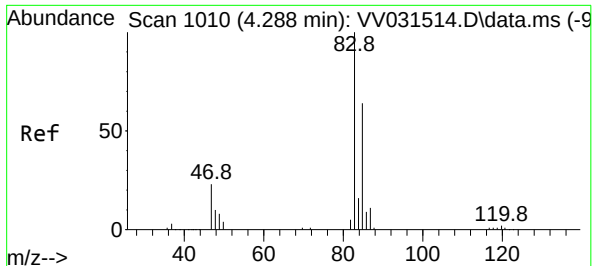
Tgt Ion: 43 Resp: 152942
Ion Ratio Lower Upper
43 100
72 24.3 12.2 36.4



#23
Bromochloromethane
Concen: 61.246 ug/L
RT: 4.156 min Scan# 969
Delta R.T. 0.000 min
Lab File: VV031514.D
Acq: 14 Jun 2023 14:18

Tgt Ion:128 Resp: 53764
Ion Ratio Lower Upper
128 100
49 172.3 120.6 224.0
130 125.9 88.1 163.7
51 56.1 44.9 67.3





#25

Chloroform

Concen: 61.886 ug/L

RT: 4.288 min Scan# 1010

Delta R.T. 0.000 min

Lab File: VV031514.D

Acq: 14 Jun 2023 14:18

Instrument :

MSVOA_V

ClientSampleId :

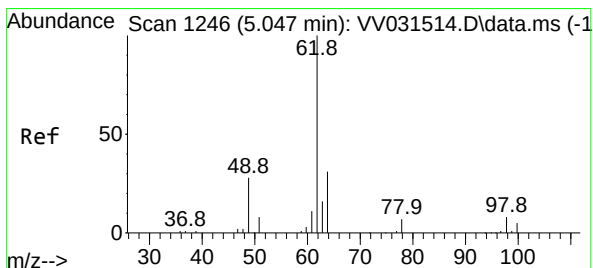
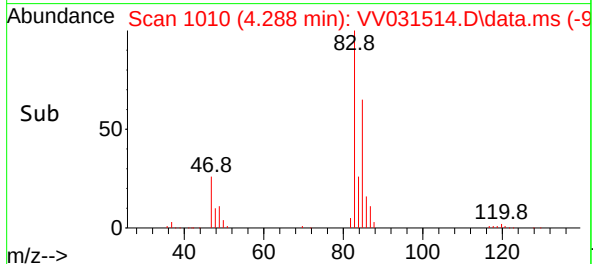
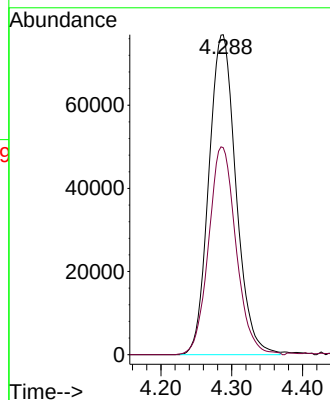
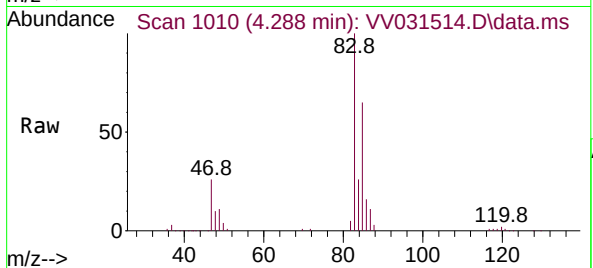
VSTD050235

Tgt Ion: 83 Resp: 204854

Ion Ratio Lower Upper

83 100

85 64.7 45.3 84.1



#27

1,2-Dichloroethane

Concen: 58.327 ug/L

RT: 5.047 min Scan# 1246

Delta R.T. 0.000 min

Lab File: VV031514.D

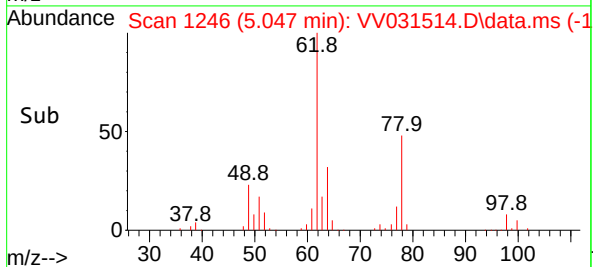
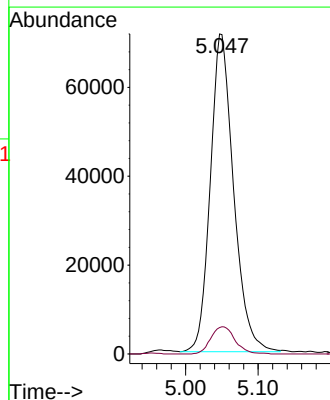
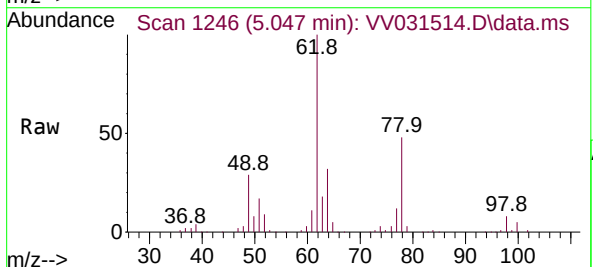
Acq: 14 Jun 2023 14:18

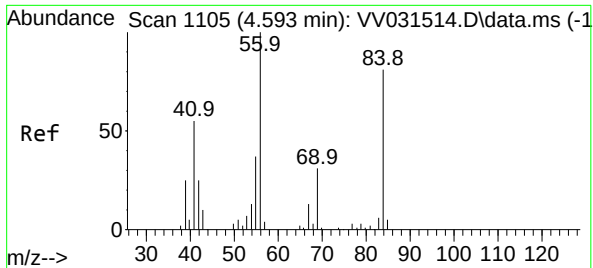
Tgt Ion: 62 Resp: 159450

Ion Ratio Lower Upper

62 100

98 8.2 6.6 9.8





#29

Cyclohexane

Concen: 73.823 ug/L

RT: 4.593 min Scan# 1105

Delta R.T. 0.000 min

Lab File: VV031514.D

Acq: 14 Jun 2023 14:18

Instrument :

MSVOA_V

ClientSampleId :

VSTD050235

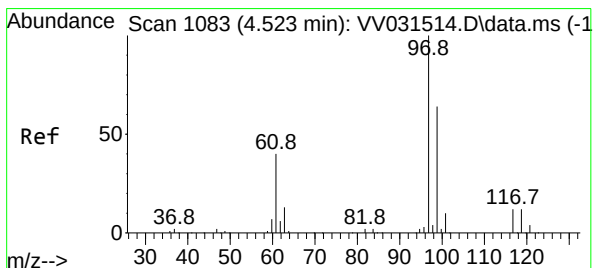
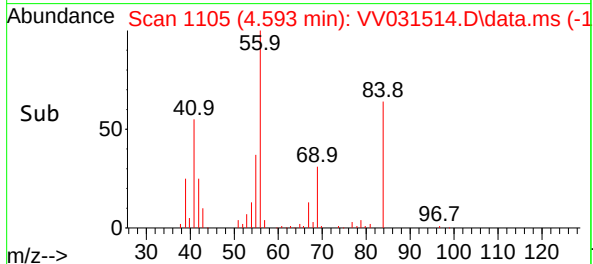
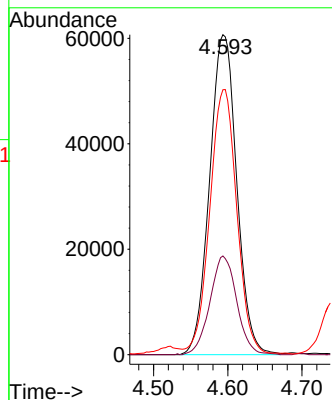
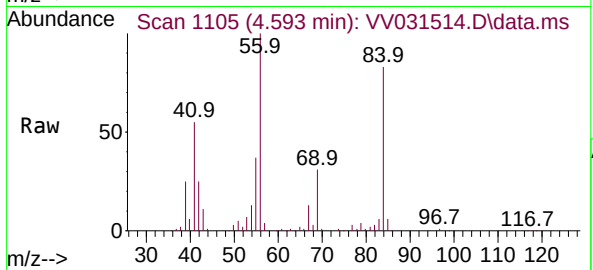
Tgt Ion: 56 Resp: 154321

Ion Ratio Lower Upper

56 100

69 30.4 24.3 36.5

84 81.3 65.0 97.6



#30

1,1,1-Trichloroethane

Concen: 60.633 ug/L

RT: 4.523 min Scan# 1083

Delta R.T. 0.000 min

Lab File: VV031514.D

Acq: 14 Jun 2023 14:18

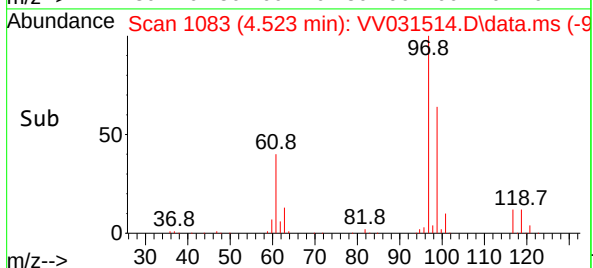
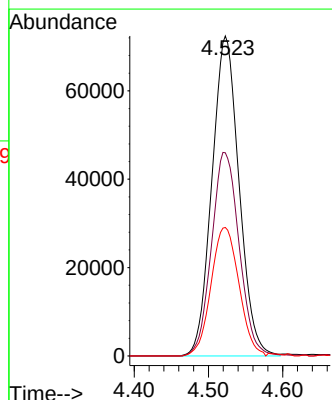
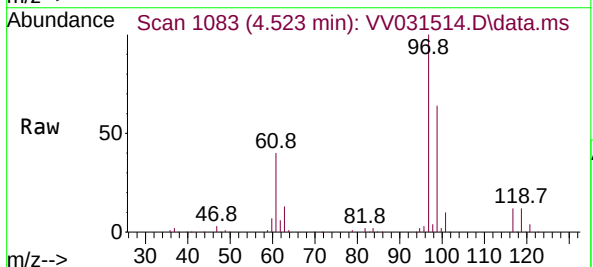
Tgt Ion: 97 Resp: 184066

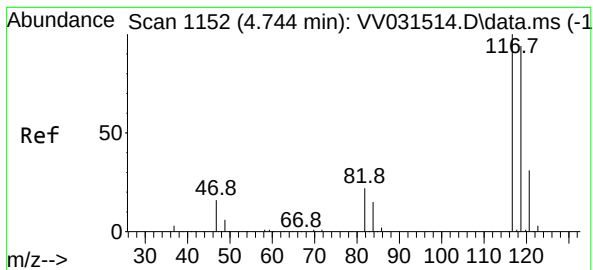
Ion Ratio Lower Upper

97 100

99 64.7 51.8 77.6

61 41.3 33.0 49.6

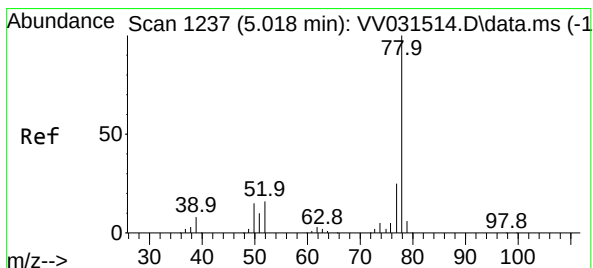
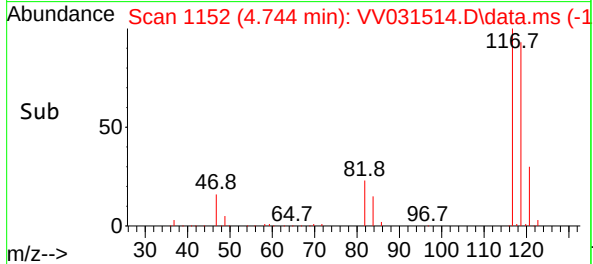
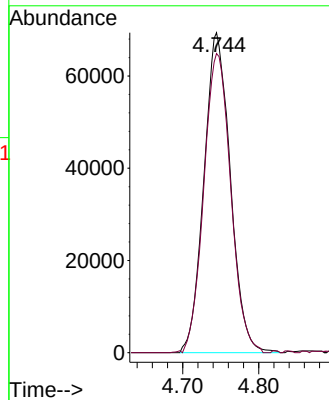
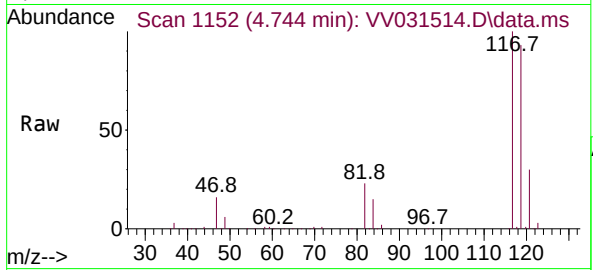




#31
Carbon tetrachloride
Concen: 62.769 ug/L
RT: 4.744 min Scan# 1152
Delta R.T. 0.000 min
Lab File: VV031514.D
Acq: 14 Jun 2023 14:18

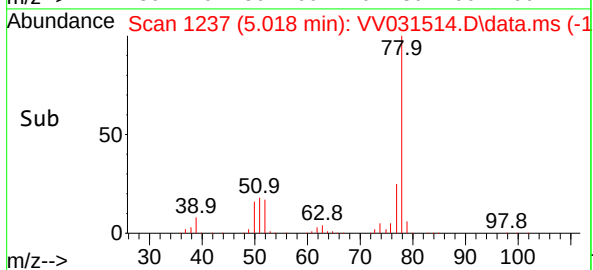
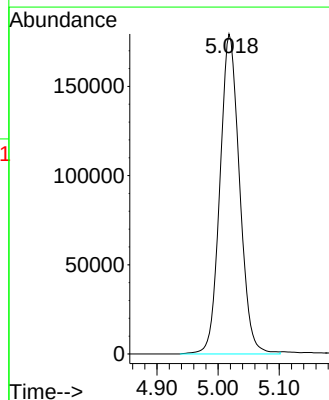
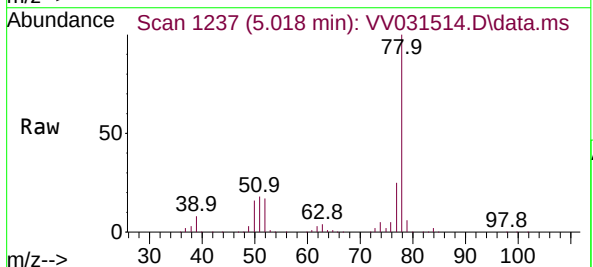
Instrument :
MSVOA_V
ClientSampleId :
VSTD050235

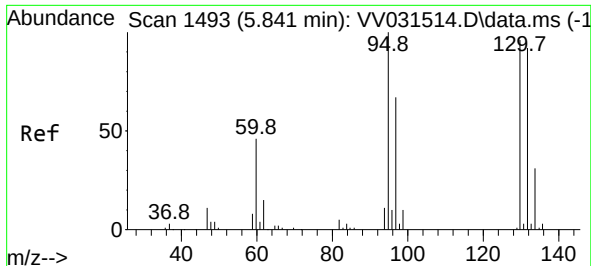
Tgt Ion:117 Resp: 167409
Ion Ratio Lower Upper
117 100
119 95.3 76.2 114.4



#33
Benzene
Concen: 66.285 ug/L
RT: 5.018 min Scan# 1237
Delta R.T. 0.000 min
Lab File: VV031514.D
Acq: 14 Jun 2023 14:18

Tgt Ion: 78 Resp: 400343

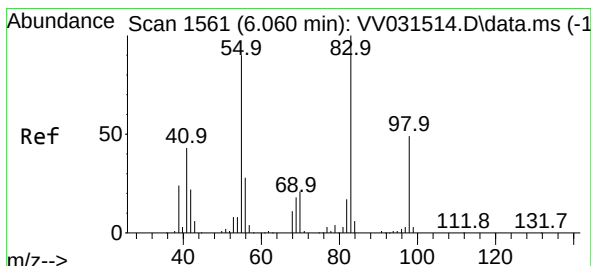
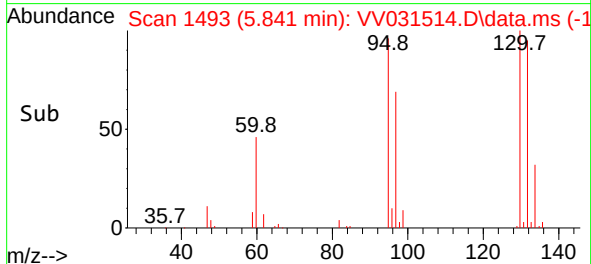
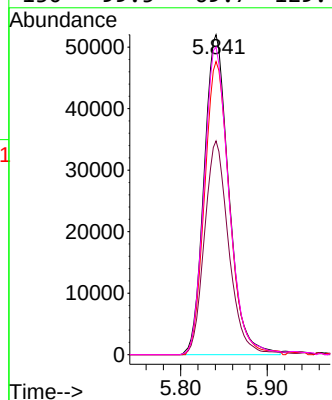
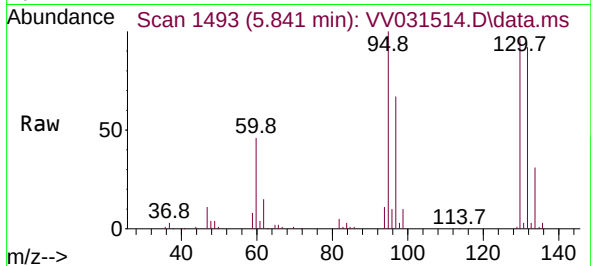




#34
Trichloroethene
Concen: 63.798 ug/L
RT: 5.841 min Scan# 1493
Delta R.T. 0.000 min
Lab File: VV031514.D
Acq: 14 Jun 2023 14:18

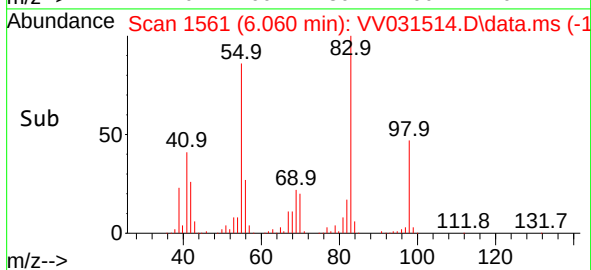
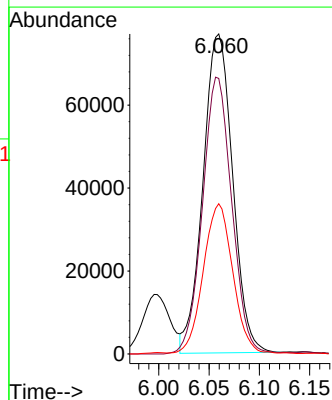
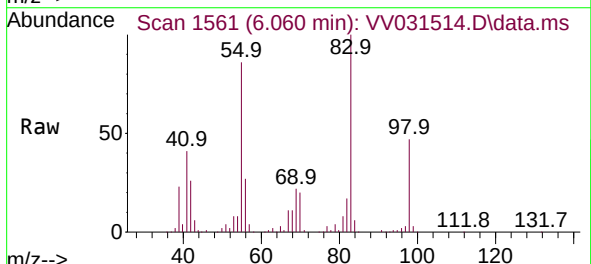
Instrument :
MSVOA_V
ClientSampleId :
VSTD050235

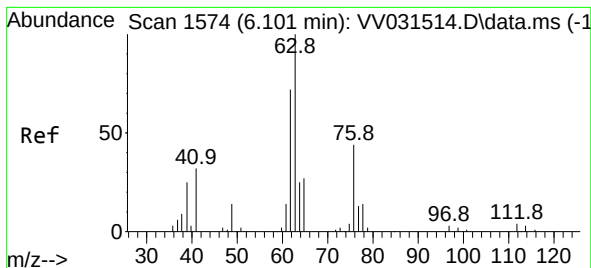
Tgt Ion: 95 Resp: 103288
Ion Ratio Lower Upper
95 100
97 66.8 46.8 86.8
132 94.8 66.4 123.2
130 99.5 69.7 129.4



#35
Methylcyclohexane
Concen: 71.106 ug/L
RT: 6.060 min Scan# 1561
Delta R.T. 0.000 min
Lab File: VV031514.D
Acq: 14 Jun 2023 14:18

Tgt Ion: 83 Resp: 157707
Ion Ratio Lower Upper
83 100
55 85.9 68.7 103.1
98 46.2 37.0 55.4





#37

1,2-Dichloropropane

Concen: 68.408 ug/L

RT: 6.101 min Scan# 11

Delta R.T. 0.000 min

Lab File: VV031514.D

Acq: 14 Jun 2023 14:18

Instrument :

MSVOA_V

ClientSampleId :

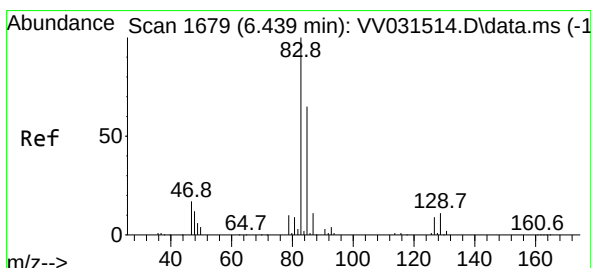
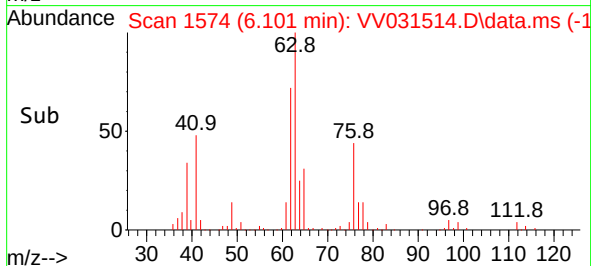
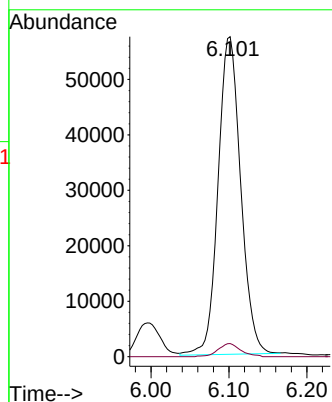
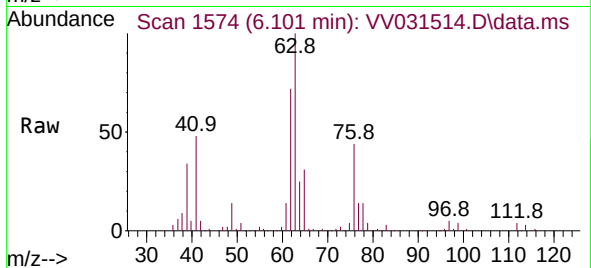
VSTD050235

Tgt Ion: 63 Resp: 115578

Ion Ratio Lower Upper

63 100

112 4.1 3.3 4.9



#38

Bromodichloromethane

Concen: 60.875 ug/L

RT: 6.439 min Scan# 1679

Delta R.T. 0.000 min

Lab File: VV031514.D

Acq: 14 Jun 2023 14:18

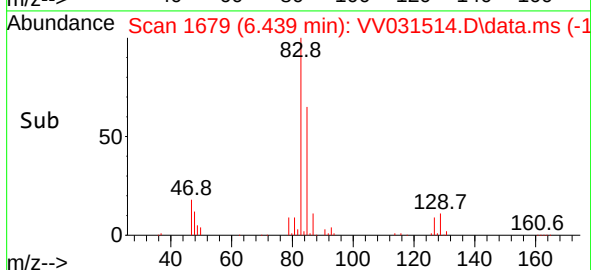
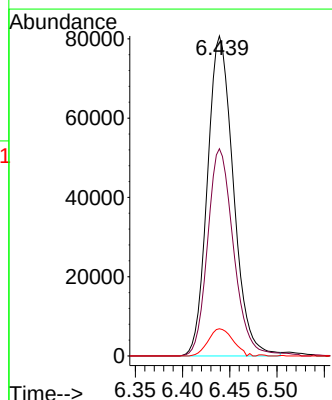
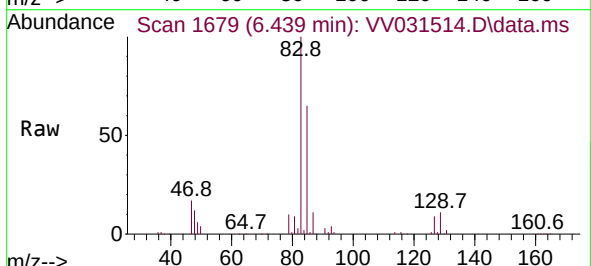
Tgt Ion: 83 Resp: 154128

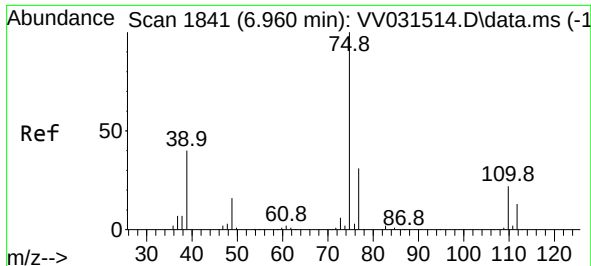
Ion Ratio Lower Upper

83 100

85 64.7 45.3 84.1

127 9.5 7.6 11.4





#39

cis-1,3-Dichloropropene

Concen: 66.914 ug/L

RT: 6.960 min Scan# 1841

Delta R.T. 0.000 min

Lab File: VV031514.D

Acq: 14 Jun 2023 14:18

Instrument :

MSVOA_V

ClientSampleId :

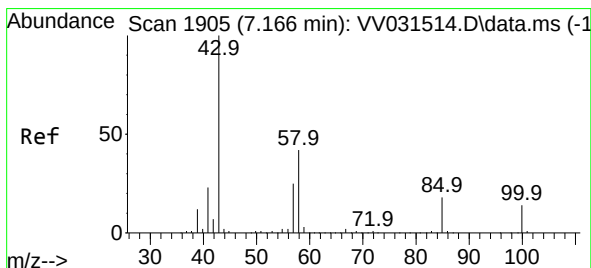
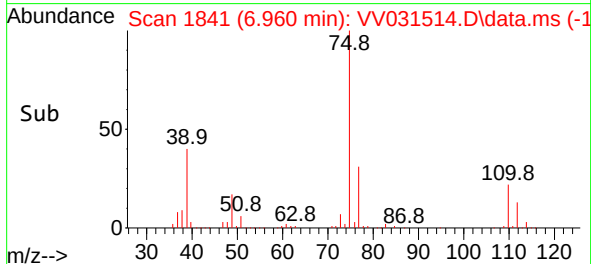
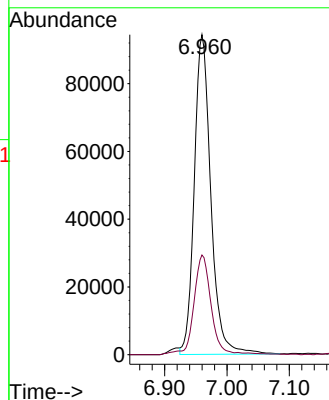
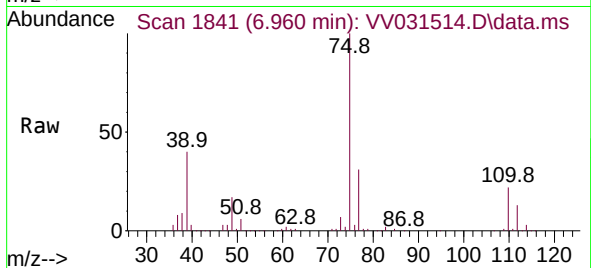
VSTD050235

Tgt Ion: 75 Resp: 174015

Ion Ratio Lower Upper

75 100

77 31.2 21.8 40.6



#40

4-Methyl-2-pentanone

Concen: 117.897 ug/L

RT: 7.166 min Scan# 1905

Delta R.T. 0.000 min

Lab File: VV031514.D

Acq: 14 Jun 2023 14:18

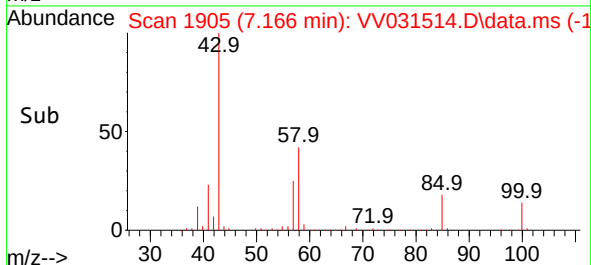
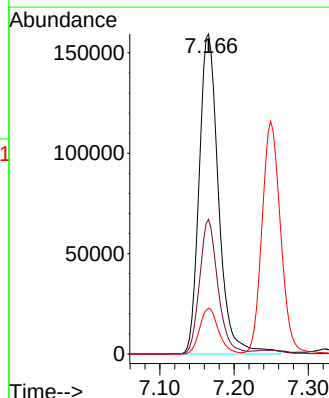
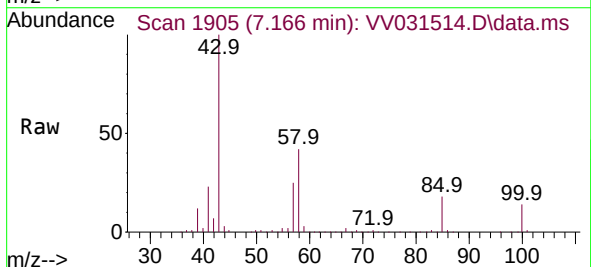
Tgt Ion: 43 Resp: 290105

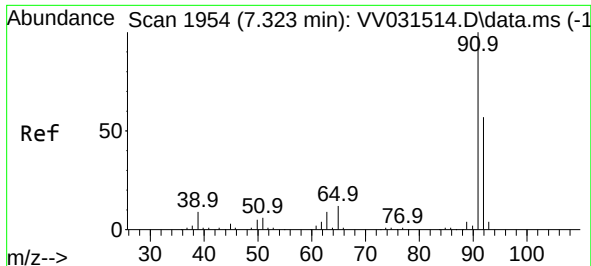
Ion Ratio Lower Upper

43 100

58 39.8 31.8 47.8

100 13.9 11.1 16.7





#42

Toluene

Concen: 66.257 ug/L

RT: 7.323 min Scan# 1954

Delta R.T. 0.000 min

Lab File: VV031514.D

Acq: 14 Jun 2023 14:18

Instrument :

MSVOA_V

ClientSampleId :

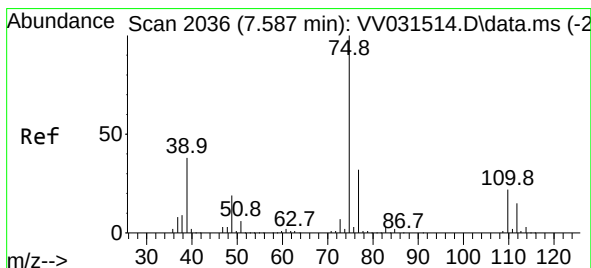
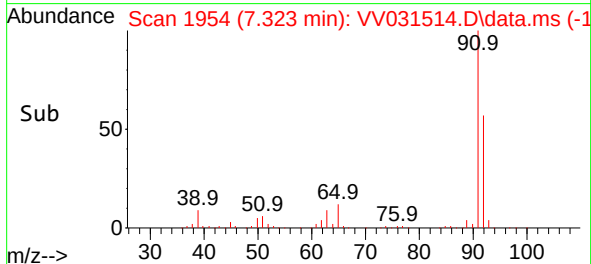
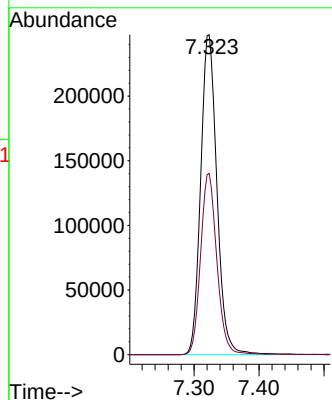
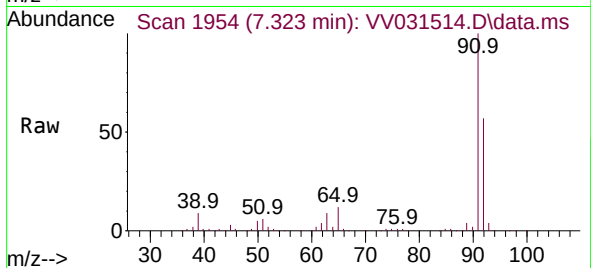
VSTD050235

Tgt Ion: 91 Resp: 431191

Ion Ratio Lower Upper

91 100

92 56.6 39.6 73.6



#44

trans-1,3-Dichloropropene

Concen: 66.984 ug/L

RT: 7.587 min Scan# 2036

Delta R.T. 0.000 min

Lab File: VV031514.D

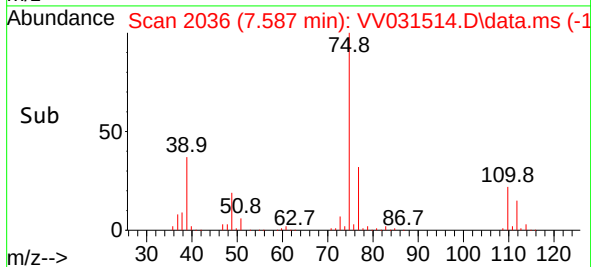
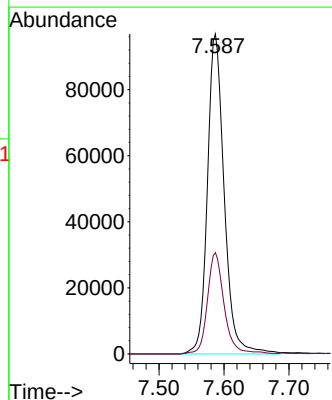
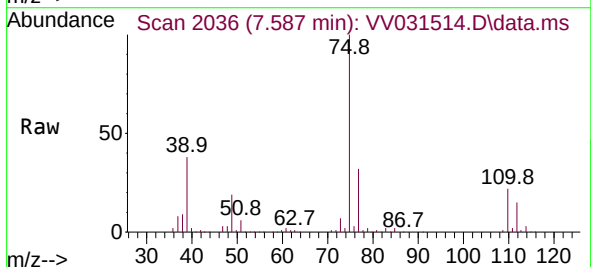
Acq: 14 Jun 2023 14:18

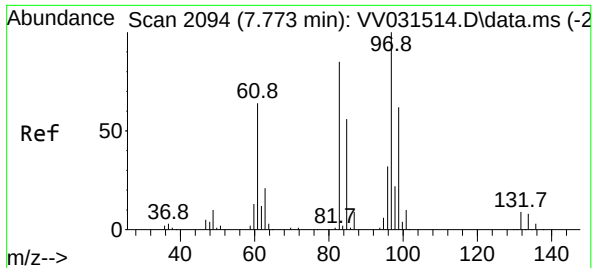
Tgt Ion: 75 Resp: 173820

Ion Ratio Lower Upper

75 100

77 31.6 22.1 41.1



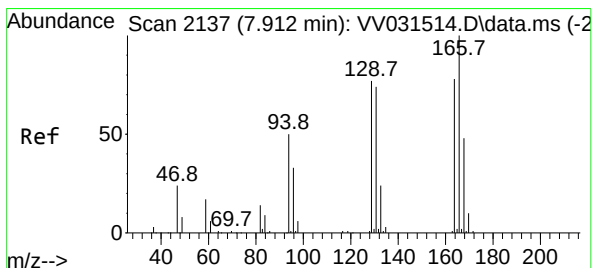
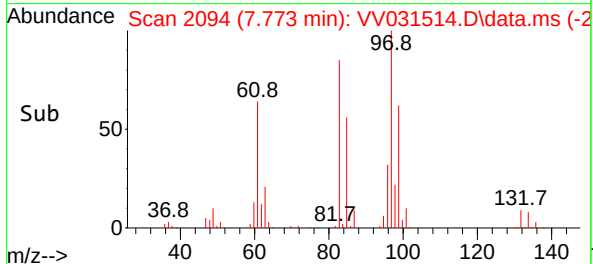
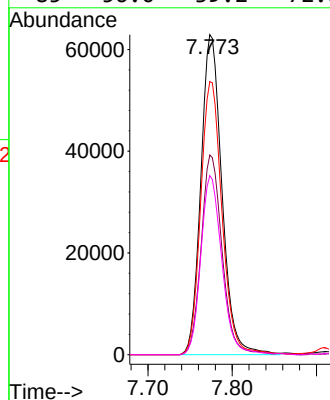
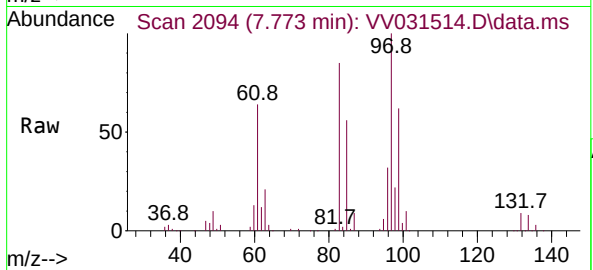


#45
1,1,2-Trichloroethane
Concen: 61.717 ug/L
RT: 7.773 min Scan# 2094
Delta R.T. 0.000 min
Lab File: VV031514.D
Acq: 14 Jun 2023 14:18

Instrument :
MSVOA_V
ClientSampleId :
VSTD050235

Tgt Ion: 97 Resp: 109833

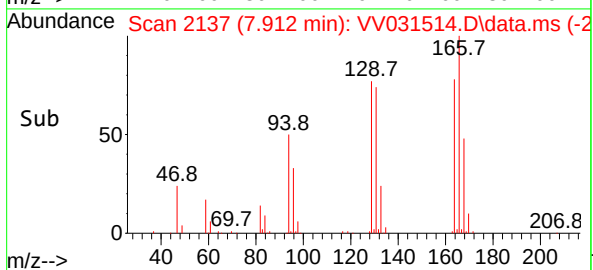
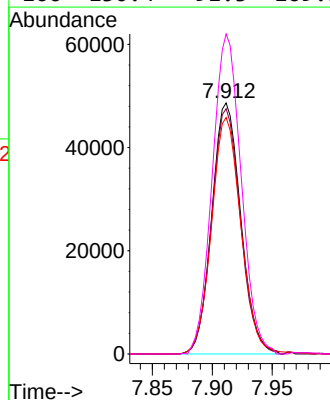
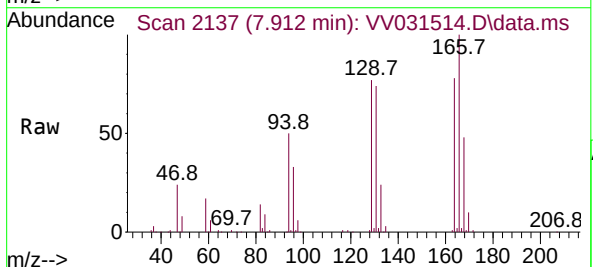
Ion	Ratio	Lower	Upper
97	100		
99	62.4	43.7	81.1
83	87.0	60.9	113.1
85	56.0	39.2	72.8

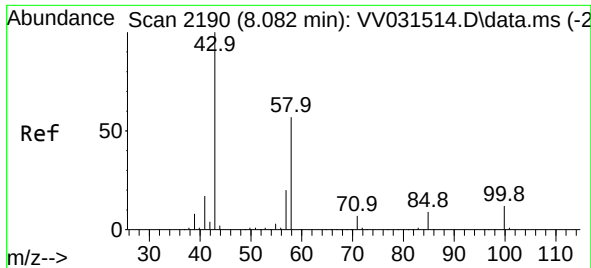


#46
Tetrachloroethene
Concen: 59.974 ug/L
RT: 7.912 min Scan# 2137
Delta R.T. 0.000 min
Lab File: VV031514.D
Acq: 14 Jun 2023 14:18

Tgt Ion: 164 Resp: 81775

Ion	Ratio	Lower	Upper
164	100		
129	97.7	68.4	127.0
131	96.6	67.6	125.6
166	130.4	91.3	169.5



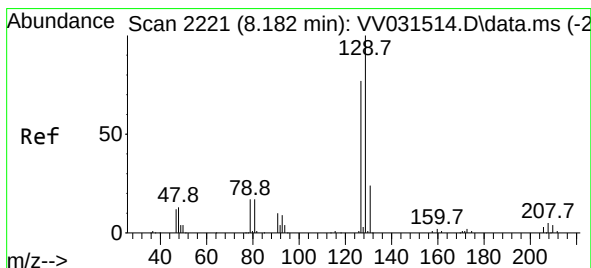
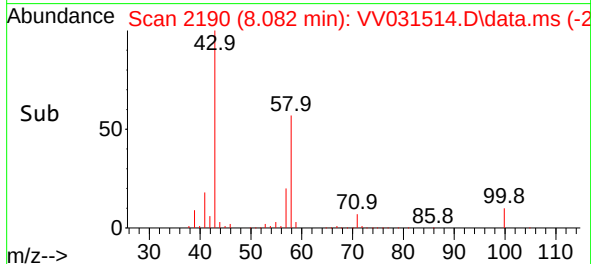
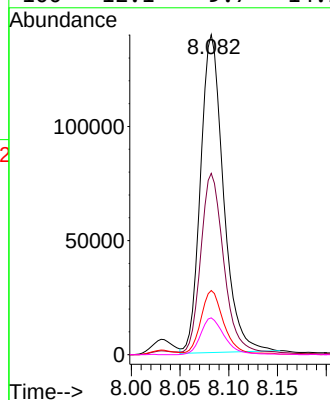
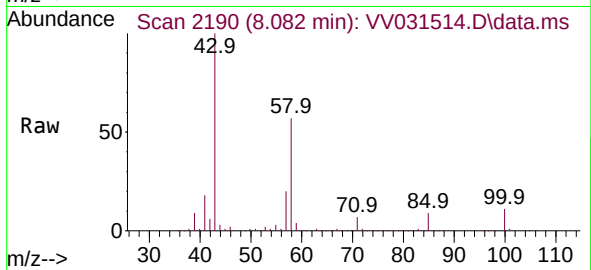


#48
2-Hexanone
Concen: 112.916 ug/L
RT: 8.082 min Scan# 2190
Delta R.T. 0.000 min
Lab File: VV031514.D
Acq: 14 Jun 2023 14:18

Instrument :
MSVOA_V
ClientSampleId :
VSTD050235

Tgt Ion: 43 Resp: 227784

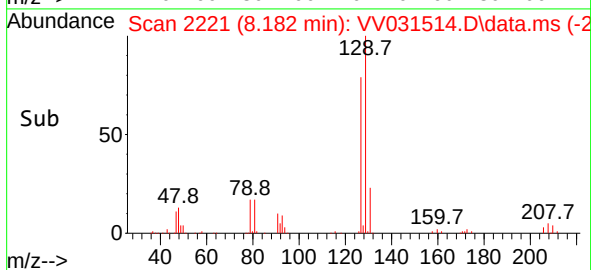
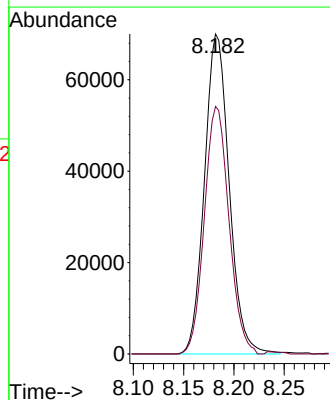
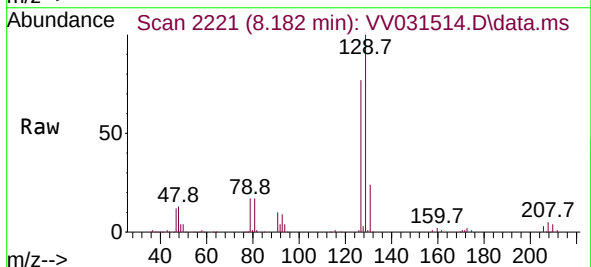
Ion	Ratio	Lower	Upper
43	100		
58	58.4	46.7	70.1
57	19.4	15.5	23.3
100	12.1	9.7	14.5

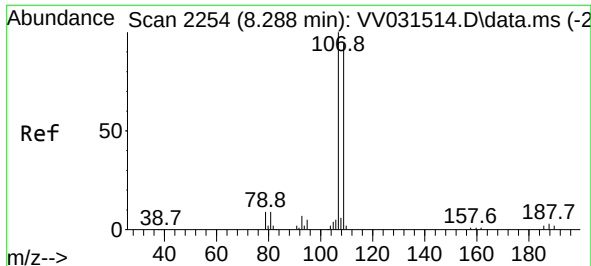


#49
Dibromochloromethane
Concen: 59.737 ug/L
RT: 8.182 min Scan# 2221
Delta R.T. 0.000 min
Lab File: VV031514.D
Acq: 14 Jun 2023 14:18

Tgt Ion: 129 Resp: 119690

Ion	Ratio	Lower	Upper
129	100		
127	79.7	55.8	103.6

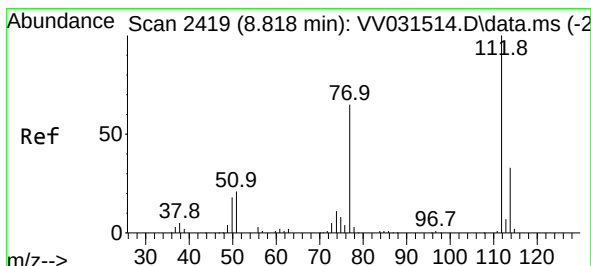
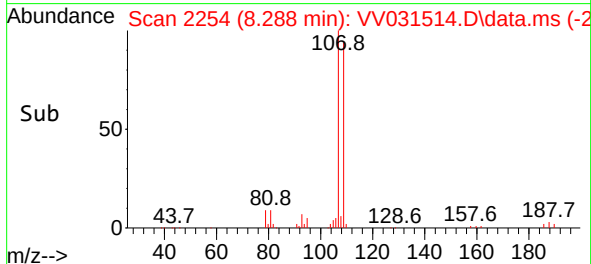
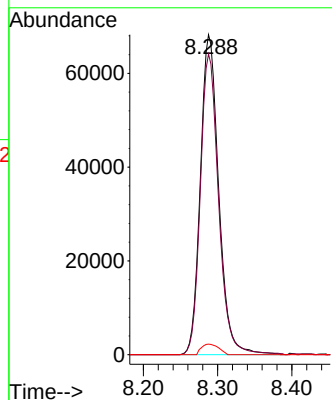
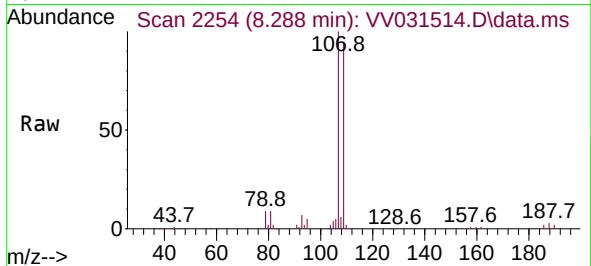




#50
1,2-Dibromoethane
Concen: 64.977 ug/L
RT: 8.288 min Scan# 2117
Delta R.T. 0.000 min
Lab File: VV031514.D
Acq: 14 Jun 2023 14:18

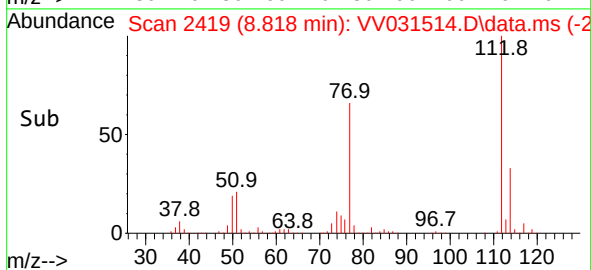
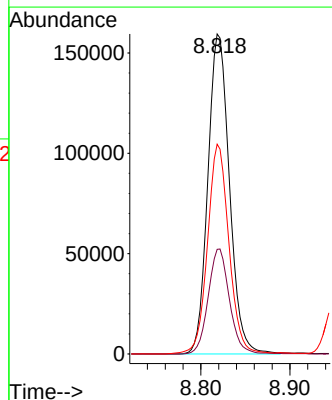
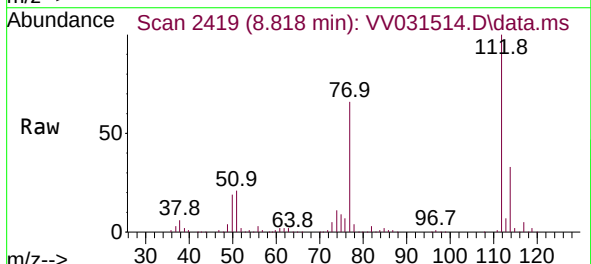
Instrument :
MSVOA_V
ClientSampleId :
VSTD050235

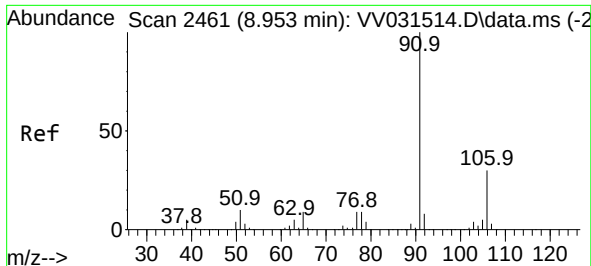
Tgt Ion:107 Resp: 117531
Ion Ratio Lower Upper
107 100
109 93.9 65.7 122.1
188 3.3 2.6 4.0



#51
Chlorobenzene
Concen: 59.174 ug/L
RT: 8.818 min Scan# 2419
Delta R.T. 0.000 min
Lab File: VV031514.D
Acq: 14 Jun 2023 14:18

Tgt Ion:112 Resp: 267943
Ion Ratio Lower Upper
112 100
114 32.7 22.9 42.5
77 65.6 52.5 78.7





#52

Ethylbenzene

Concen: 63.707 ug/L

RT: 8.953 min Scan# 2461

Delta R.T. 0.000 min

Lab File: VV031514.D

Acq: 14 Jun 2023 14:18

Instrument :

MSVOA_V

ClientSampleId :

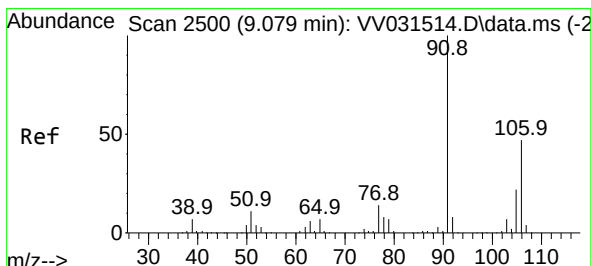
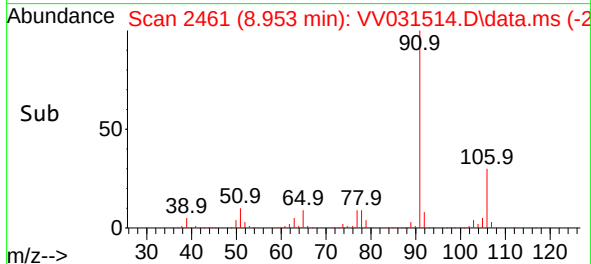
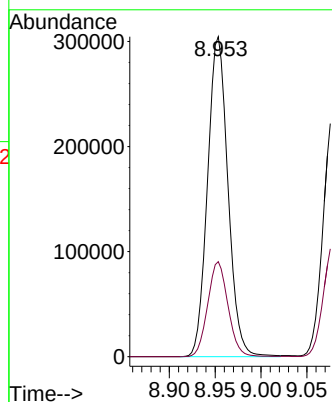
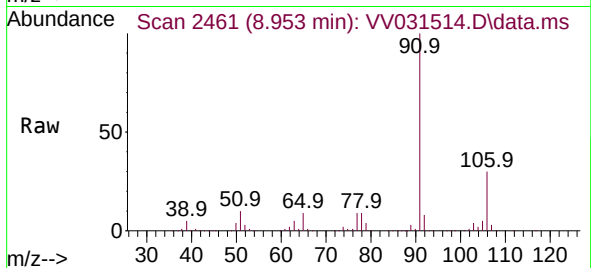
VSTD050235

Tgt Ion: 91 Resp: 472014

Ion Ratio Lower Upper

91 100

106 29.7 20.8 38.6



#53

m,p-Xylene

Concen: 61.904 ug/L

RT: 9.079 min Scan# 2500

Delta R.T. 0.000 min

Lab File: VV031514.D

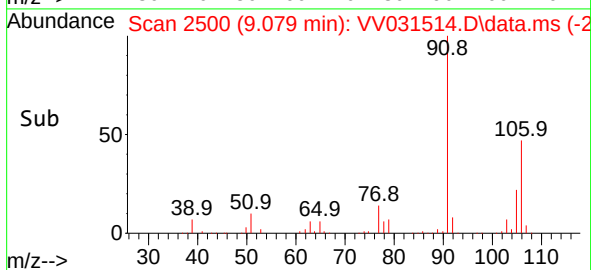
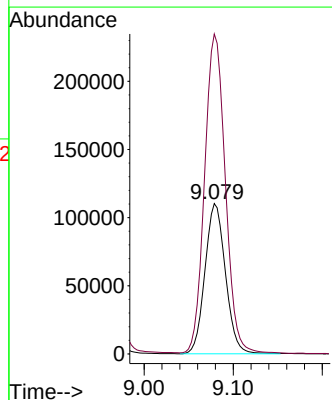
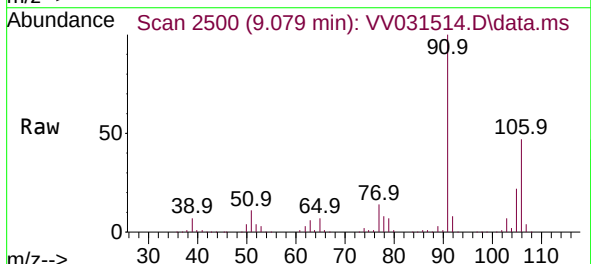
Acq: 14 Jun 2023 14:18

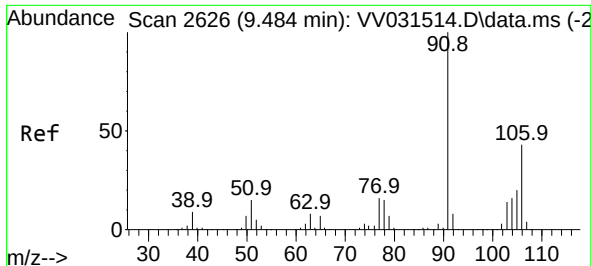
Tgt Ion: 106 Resp: 175919

Ion Ratio Lower Upper

106 100

91 212.8 149.0 276.6

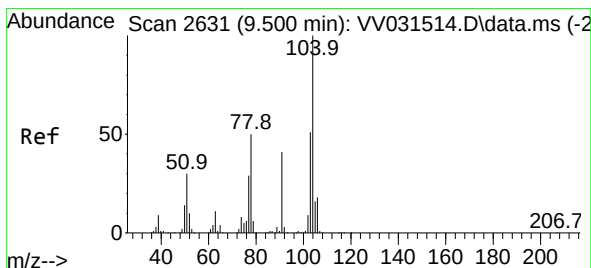
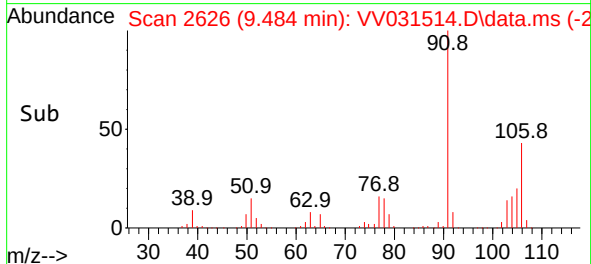
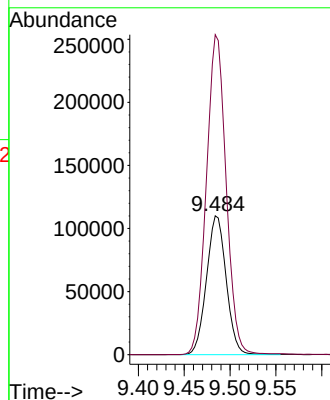
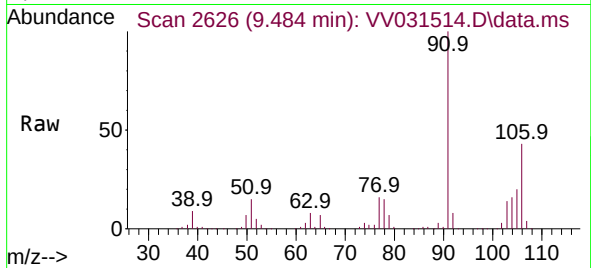




#54
o-Xylene
Concen: 59.335 ug/L
RT: 9.484 min Scan# 2626
Delta R.T. 0.000 min
Lab File: VV031514.D
Acq: 14 Jun 2023 14:18

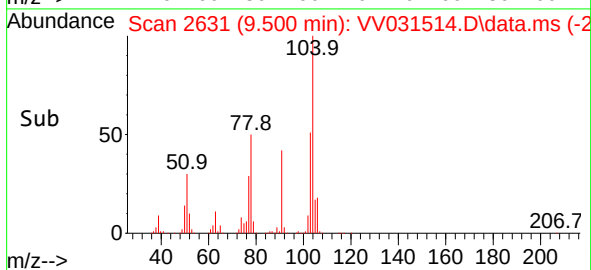
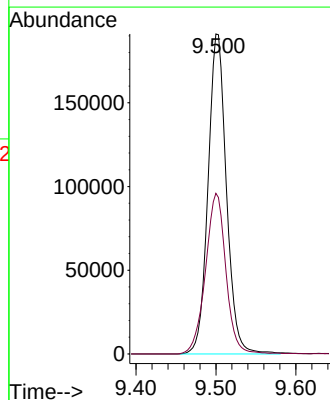
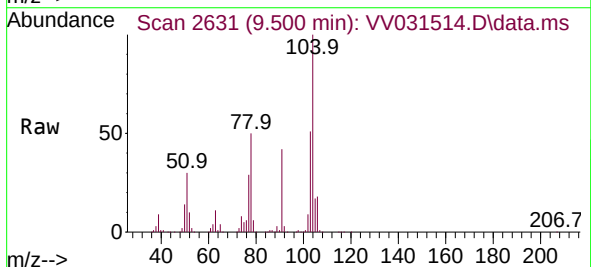
Instrument :
MSVOA_V
ClientSampleId :
VSTD050235

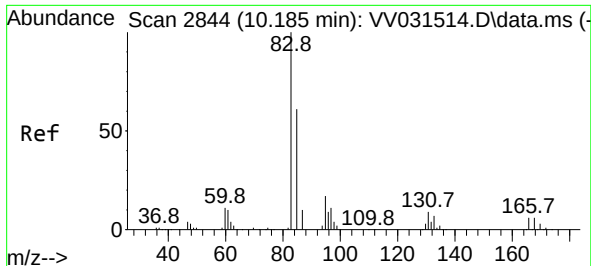
Tgt Ion:106 Resp: 164895
Ion Ratio Lower Upper
106 100
91 230.5 161.3 299.7



#55
Styrene
Concen: 61.894 ug/L
RT: 9.500 min Scan# 2631
Delta R.T. 0.000 min
Lab File: VV031514.D
Acq: 14 Jun 2023 14:18

Tgt Ion:104 Resp: 305556
Ion Ratio Lower Upper
104 100
78 50.2 35.1 65.3





#57

1,1,2,2-Tetrachloroethane

Concen: 61.674 ug/L

RT: 10.185 min Scan# 2844

Delta R.T. 0.000 min

Lab File: VV031514.D

Acq: 14 Jun 2023 14:18

Instrument :

MSVOA_V

ClientSampleId :

VSTD050235

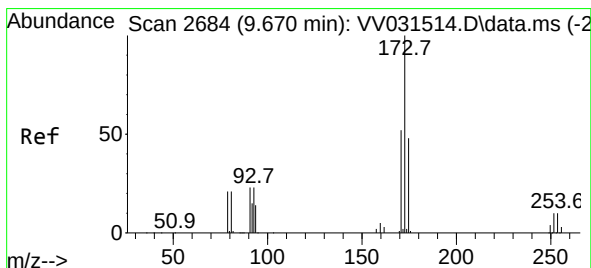
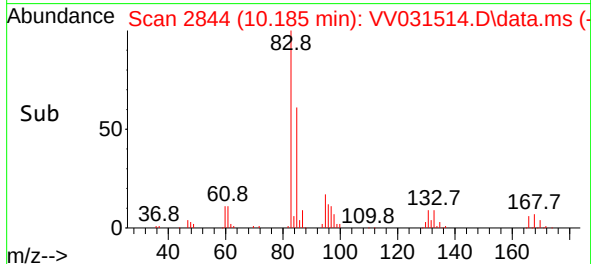
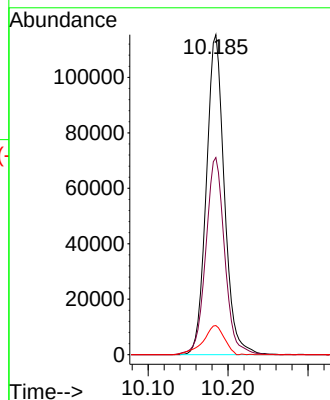
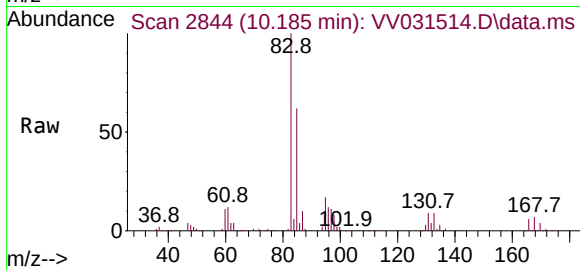
Tgt Ion: 83 Resp: 180837

Ion Ratio Lower Upper

83 100

85 61.6 43.1 80.1

131 13.3 10.6 16.0



#59

Bromoform

Concen: 53.427 ug/L

RT: 9.670 min Scan# 2684

Delta R.T. 0.000 min

Lab File: VV031514.D

Acq: 14 Jun 2023 14:18

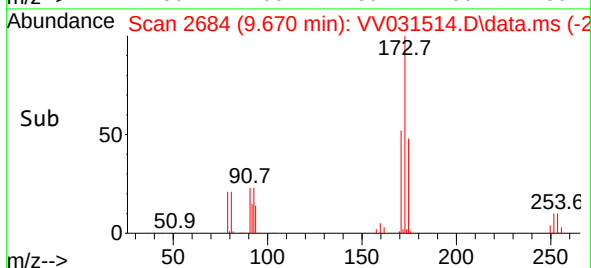
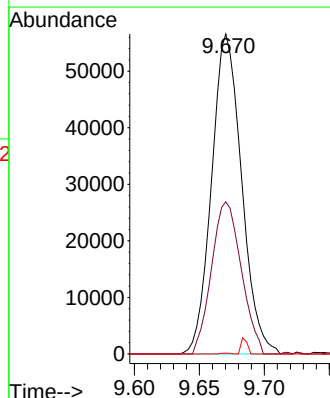
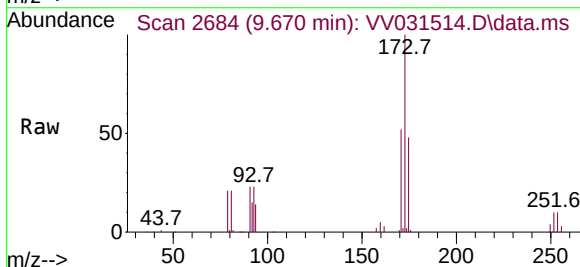
Tgt Ion: 173 Resp: 90727

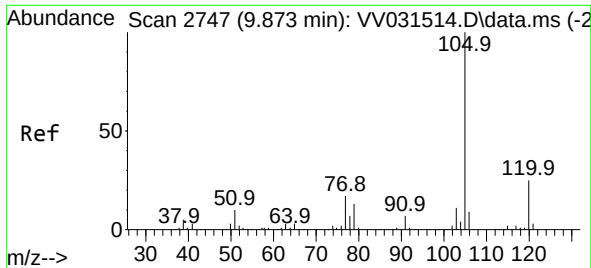
Ion Ratio Lower Upper

173 100

175 47.1 37.7 56.5

254 0.1 0.1 0.1

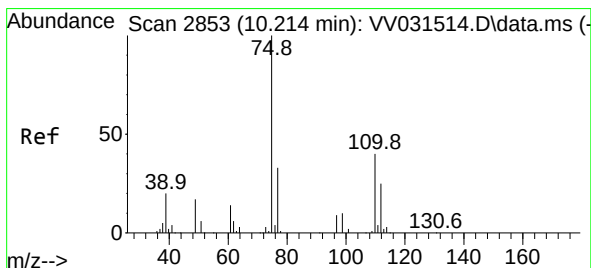
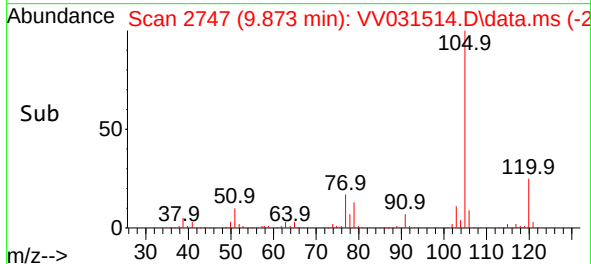
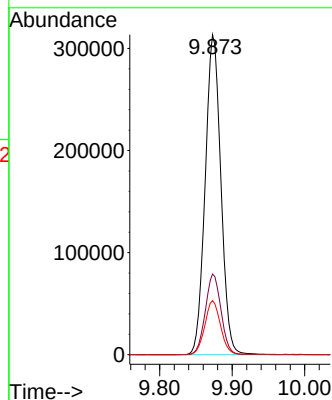
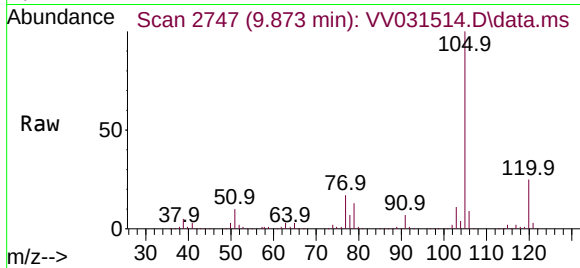




#60
Isopropylbenzene
Concen: 58.966 ug/L
RT: 9.873 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV031514.D
Acq: 14 Jun 2023 14:18

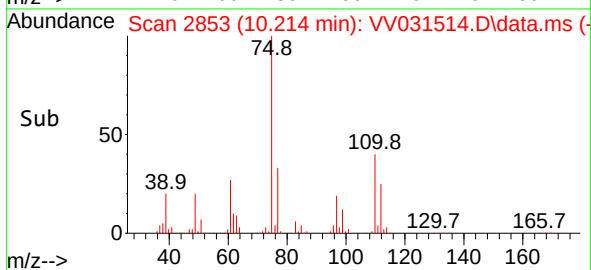
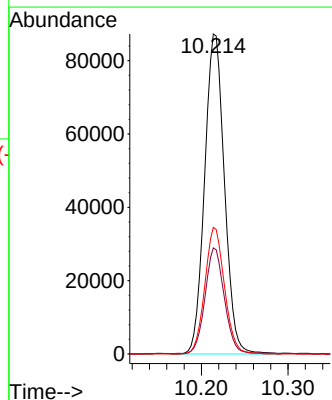
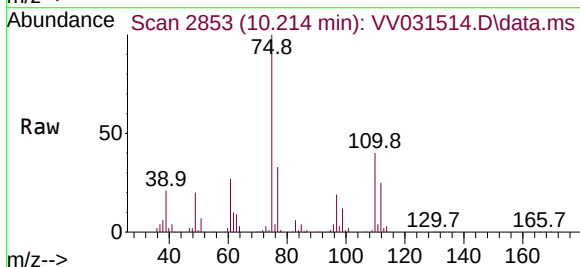
Instrument :
MSVOA_V
ClientSampleId :
VSTD050235

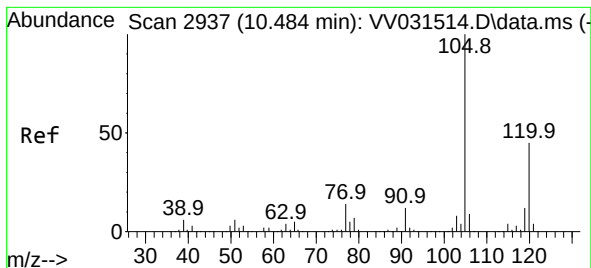
Tgt Ion:105 Resp: 471085
Ion Ratio Lower Upper
105 100
120 25.2 20.2 30.2
77 16.9 13.5 20.3



#61
1,2,3-Trichloropropane
Concen: 60.287 ug/L
RT: 10.214 min Scan# 2853
Delta R.T. 0.000 min
Lab File: VV031514.D
Acq: 14 Jun 2023 14:18

Tgt Ion: 75 Resp: 138857
Ion Ratio Lower Upper
75 100
77 31.7 25.4 38.0
110 39.1 31.3 46.9





#62

1,3,5-Trimethylbenzene

Concen: 59.066 ug/L

RT: 10.484 min Scan# 2937

Delta R.T. 0.000 min

Lab File: VV031514.D

Acq: 14 Jun 2023 14:18

Instrument :

MSVOA_V

ClientSampleId :

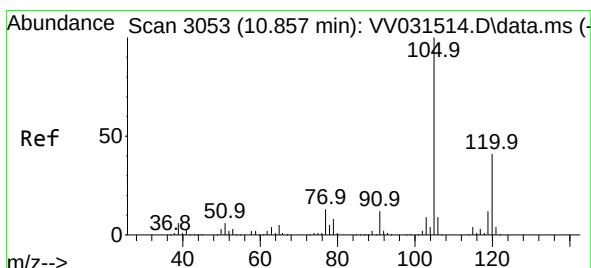
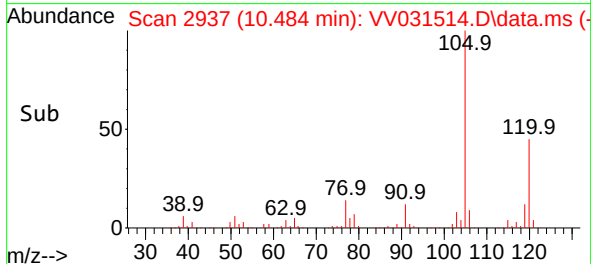
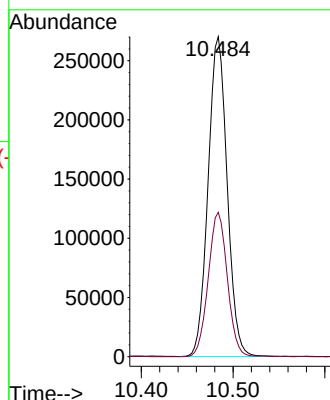
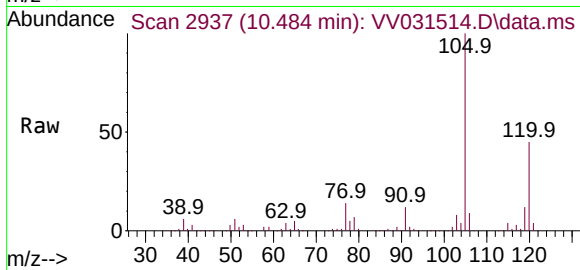
VSTD050235

Tgt Ion:105 Resp: 389931

Ion Ratio Lower Upper

105 100

120 45.2 36.2 54.2



#63

1,2,4-Trimethylbenzene

Concen: 57.449 ug/L

RT: 10.857 min Scan# 3053

Delta R.T. 0.000 min

Lab File: VV031514.D

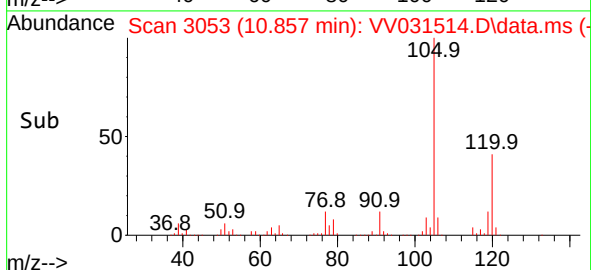
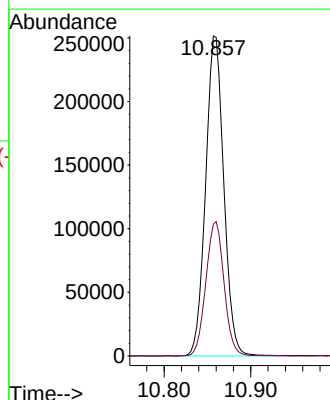
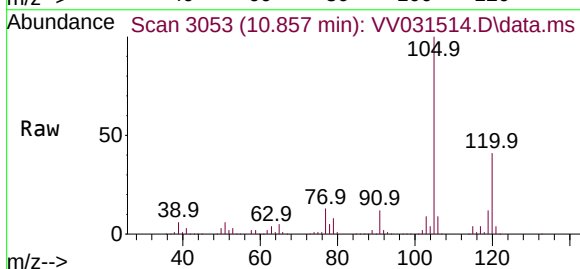
Acq: 14 Jun 2023 14:18

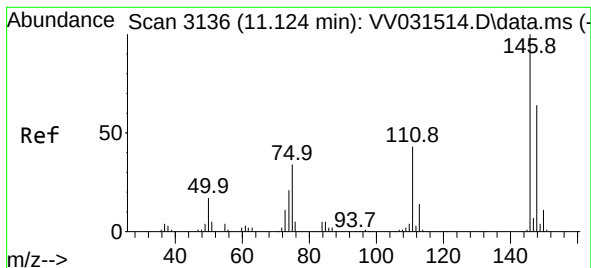
Tgt Ion:105 Resp: 366430

Ion Ratio Lower Upper

105 100

120 41.8 33.4 50.2





#64

1,3-Dichlorobenzene

Concen: 56.414 ug/L

RT: 11.124 min Scan# 3136

Delta R.T. 0.000 min

Lab File: VV031514.D

Acq: 14 Jun 2023 14:18

Instrument :

MSVOA_V

ClientSampleId :

VSTD050235

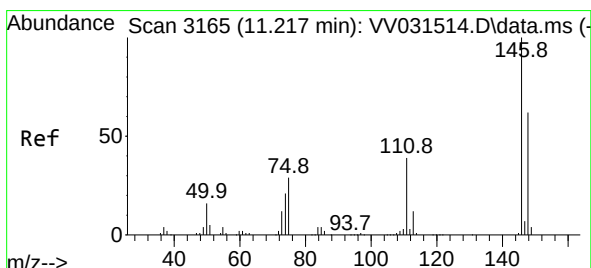
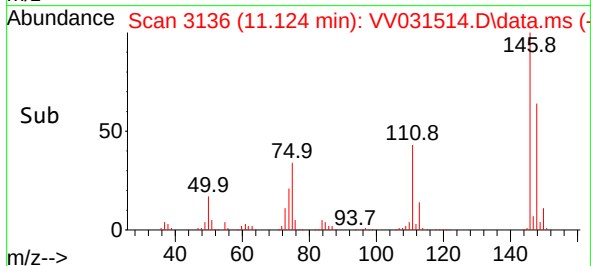
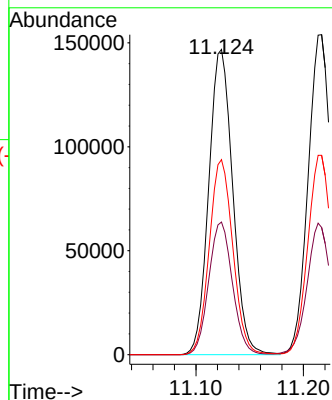
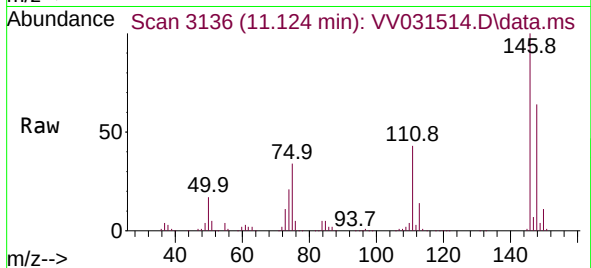
Tgt Ion:146 Resp: 227592

Ion Ratio Lower Upper

146 100

111 43.5 30.4 56.5

148 63.9 44.7 83.1



#65

1,4-Dichlorobenzene

Concen: 56.561 ug/L

RT: 11.217 min Scan# 3165

Delta R.T. 0.000 min

Lab File: VV031514.D

Acq: 14 Jun 2023 14:18

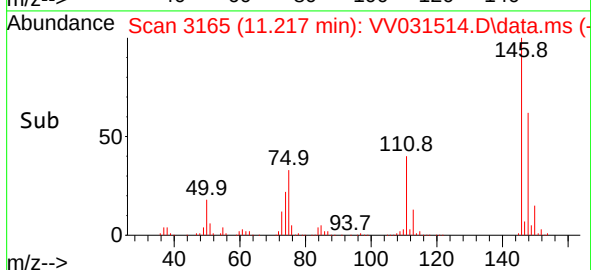
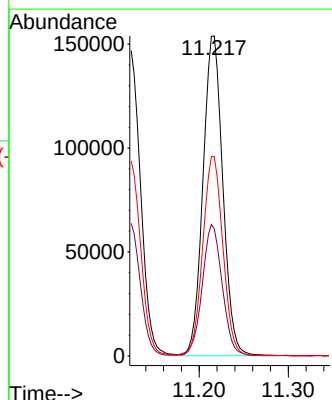
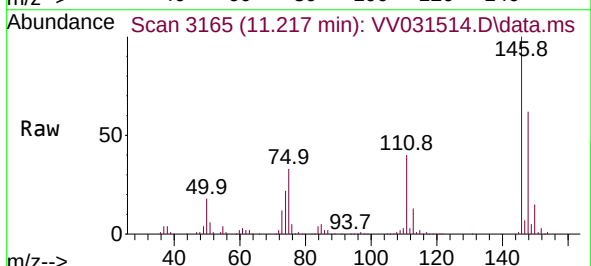
Tgt Ion:146 Resp: 237513

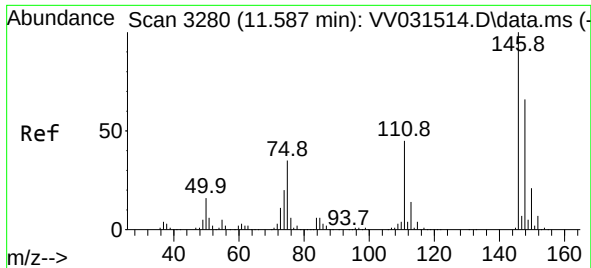
Ion Ratio Lower Upper

146 100

111 39.8 27.9 51.7

148 62.3 43.6 81.0





#67

1,2-Dichlorobenzene

Concen: 55.834 ug/L

RT: 11.587 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV031514.D

Acq: 14 Jun 2023 14:18

Instrument :

MSVOA_V

ClientSampleId :

VSTD050235

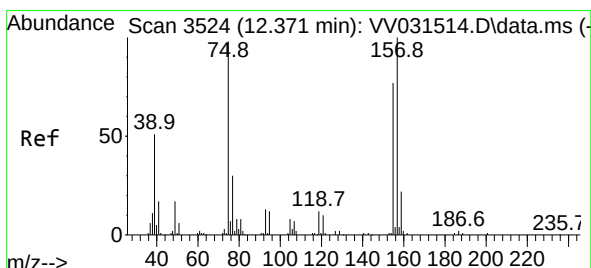
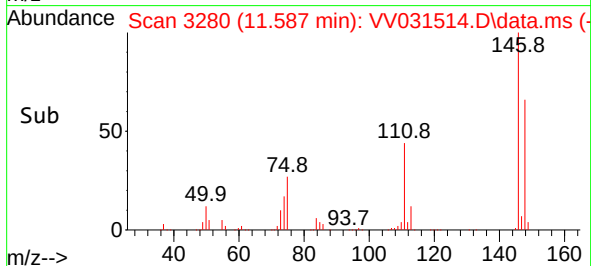
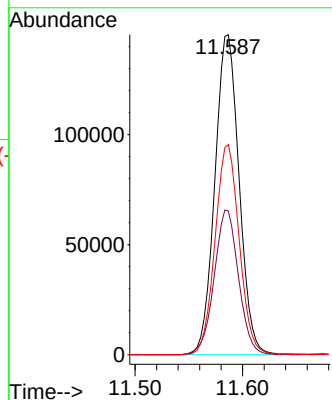
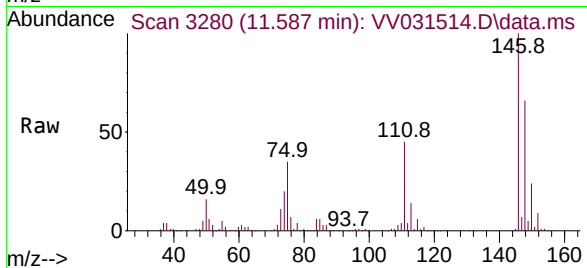
Tgt Ion:146 Resp: 227492

Ion Ratio Lower Upper

146 100

111 44.9 35.9 53.9

148 65.7 52.6 78.8



#68

1,2-Dibromo-3-chloropropane

Concen: 56.604 ug/L

RT: 12.371 min Scan# 3524

Delta R.T. 0.000 min

Lab File: VV031514.D

Acq: 14 Jun 2023 14:18

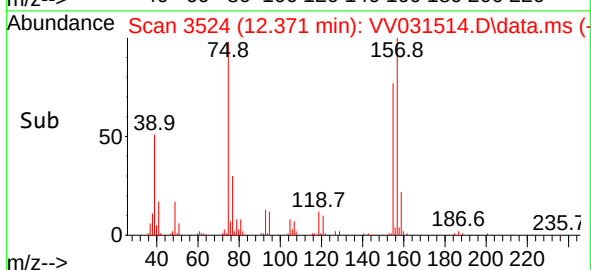
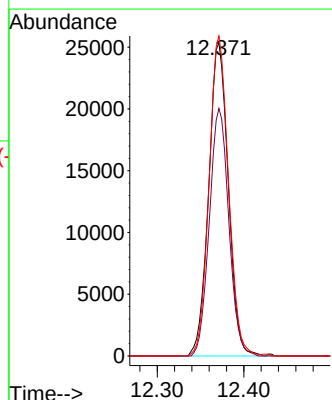
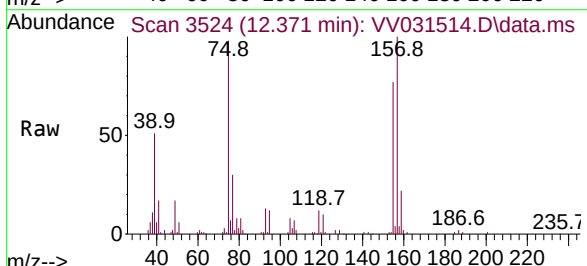
Tgt Ion: 75 Resp: 39919

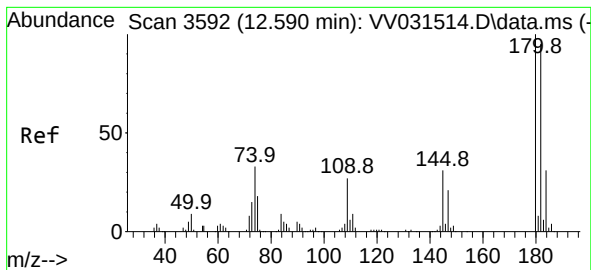
Ion Ratio Lower Upper

75 100

155 79.0 63.2 94.8

157 106.6 85.3 127.9





#69

1,3,5-Trichlorobenzene

Concen: 53.742 ug/L

RT: 12.590 min Scan# 3592

Delta R.T. 0.000 min

Lab File: VV031514.D

Acq: 14 Jun 2023 14:18

Instrument :

MSVOA_V

ClientSampleId :

VSTD050235

Tgt Ion:180 Resp: 167177

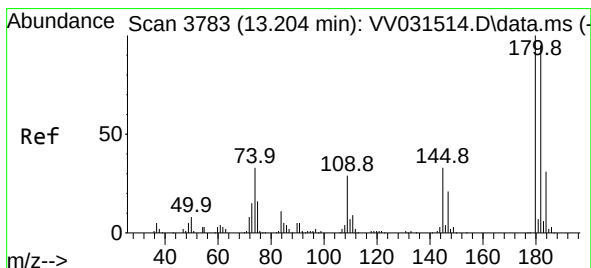
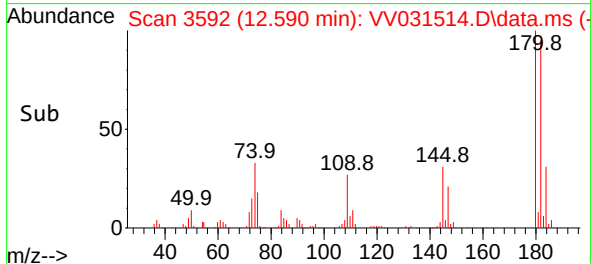
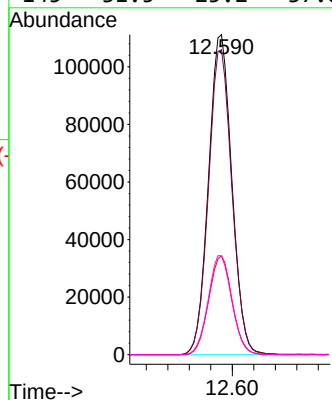
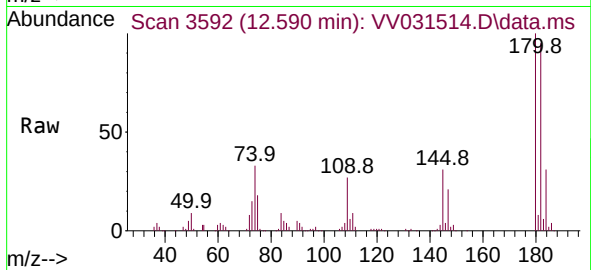
Ion Ratio Lower Upper

180 100

182 95.8 76.6 115.0

184 30.9 24.7 37.1

145 31.5 25.2 37.8



#70

1,2,4-trichlorobenzene

Concen: 55.641 ug/L

RT: 13.204 min Scan# 3783

Delta R.T. 0.000 min

Lab File: VV031514.D

Acq: 14 Jun 2023 14:18

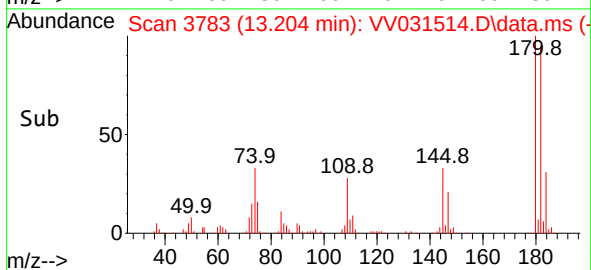
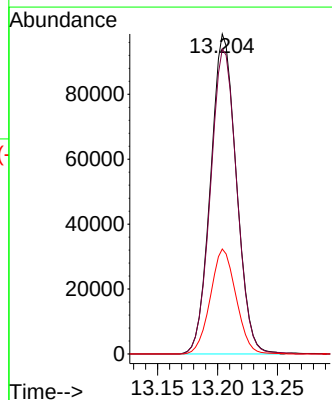
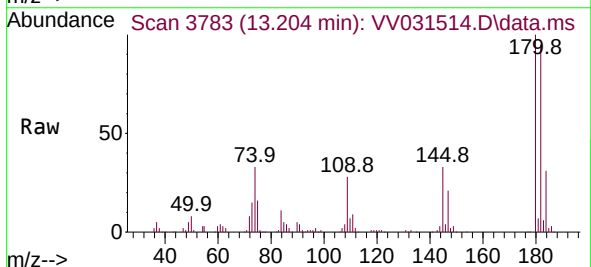
Tgt Ion:180 Resp: 147150

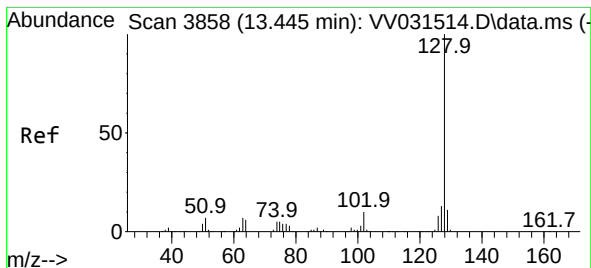
Ion Ratio Lower Upper

180 100

182 97.1 77.7 116.5

145 32.6 26.1 39.1





#71

Naphthalene

Concen: 56.824 ug/L

RT: 13.445 min Scan# 3858

Delta R.T. 0.000 min

Lab File: VV031514.D

Acq: 14 Jun 2023 14:18

Instrument :

MSVOA_V

ClientSampleId :

VSTD050235

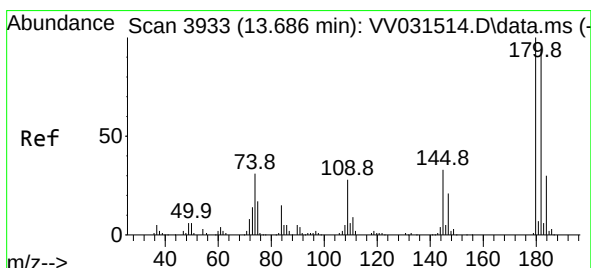
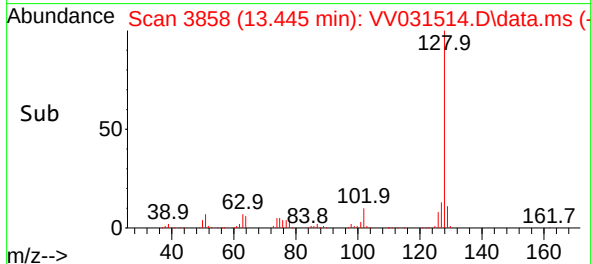
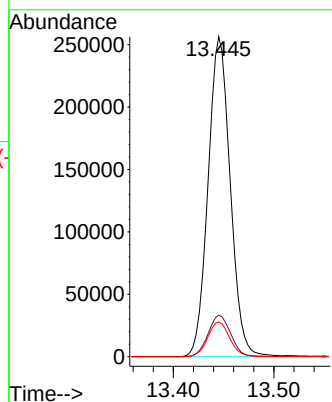
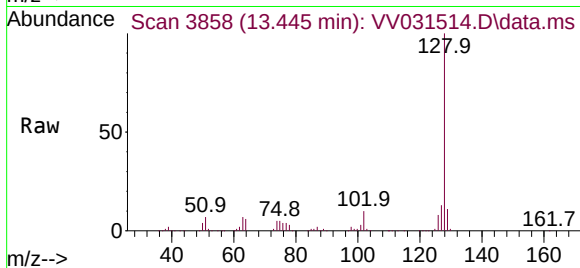
Tgt Ion:128 Resp: 392728

Ion Ratio Lower Upper

128 100

127 13.3 10.6 16.0

129 10.8 8.6 13.0



#72

1,2,3-Trichlorobenzene

Concen: 59.732 ug/L

RT: 13.686 min Scan# 3933

Delta R.T. 0.000 min

Lab File: VV031514.D

Acq: 14 Jun 2023 14:18

Tgt Ion:180 Resp: 160161

Ion Ratio Lower Upper

180 100

182 92.5 74.0 111.0

145 32.7 26.2 39.2

