

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW041723\
 Data File : VW030579.D
 Acq On : 17 Apr 2023 10:51
 Operator : SY/MD
 Sample : VSTD01016
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD010216

Quant Time: Apr 18 02:10:30 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM041723WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Apr 18 02:09:16 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	242158	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	232459	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	127016	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	17680	9.959	ug/L	0.00
7) Chloroethane-d5	1.539	69	13798	9.275	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.066	65	8349	9.917	ug/L	0.00
21) 2-Butanone-d5	3.815	46	17228	17.554	ug/L	0.01
24) Chloroform-d	4.262	84	31104	9.668	ug/L	0.00
26) 1,2-Dichloroethane-d4	4.957	65	20122	9.729	ug/L	0.00
32) Benzene-d6	4.973	84	52726	9.594	ug/L	0.00
36) 1,2-Dichloropropane-d6	5.998	67	15640	9.161	ug/L	0.00
41) Toluene-d8	7.252	98	47588	9.222	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.564	79	7421	8.624	ug/L	0.00
47) 2-Hexanone-d5	8.037	63	10692	16.662	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.162	84	23756	9.590	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.570	152	19557	9.687	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.108	85	21088	10.129	ug/L	98
3) Chloromethane	1.217	50	27456	10.053	ug/L	98
5) Vinyl chloride	1.288	62	22333	10.143	ug/L	98
6) Bromomethane	1.494	94	9264	10.610	ug/L	99
8) Chloroethane	1.555	64	15213	10.074	ug/L	98
9) Trichlorofluoromethane	1.719	101	36408	10.202	ug/L	95
10) 1,1,2-Trichloro-1,2,2-...	2.076	101	18983	10.122	ug/L	98
12) 1,1-Dichloroethene	2.076	96	17234	10.164	ug/L	98
13) Acetone	2.130	43	31835	21.100	ug/L	97
14) Carbon disulfide	2.249	76	47502	9.918	ug/L	97
15) Methyl Acetate	2.384	43	19520	9.695	ug/L	100
16) Methylene chloride	2.458	84	19834	10.222	ug/L	96
17) trans-1,2-Dichloroethene	2.706	96	16661	9.733	ug/L	95
18) Methyl tert-butyl Ether	2.712	73	49979	9.115	ug/L	99
19) 1,1-Dichloroethane	3.121	63	35245	10.099	ug/L	99
20) cis-1,2-Dichloroethene	3.831	96	18127	9.735	ug/L	97
22) 2-Butanone	4.040	43	125	0.079	ug/L	94
23) Bromochloromethane	4.166	128	10497	10.093	ug/L	97
25) Chloroform	4.288	83	36799	10.187	ug/L	94
27) 1,2-Dichloroethane	5.053	62	32368	10.588	ug/L	100
29) Cyclohexane	4.593	56	25455	9.125	ug/L #	94
30) 1,1,1-Trichloroethane	4.526	97	34451	10.547	ug/L	98
31) Carbon tetrachloride	4.744	117	31336	10.730	ug/L	96
33) Benzene	5.021	78	71098	10.072	ug/L	100
34) Trichloroethene	5.844	95	18177	9.900	ug/L	96
35) Methylcyclohexane	6.063	83	27174	9.445	ug/L	97
37) 1,2-Dichloropropane	6.104	63	20230	10.647	ug/L #	94
38) Bromodichloromethane	6.442	83	27502	10.304	ug/L	94
39) cis-1,3-Dichloropropene	6.963	75	24834	8.709	ug/L	98
40) 4-Methyl-2-pentanone	7.169	43	47352	18.091	ug/L	100
42) Toluene	7.323	91	72742	9.621	ug/L	100
44) trans-1,3-Dichloropropene	7.590	75	25767	9.197	ug/L	100

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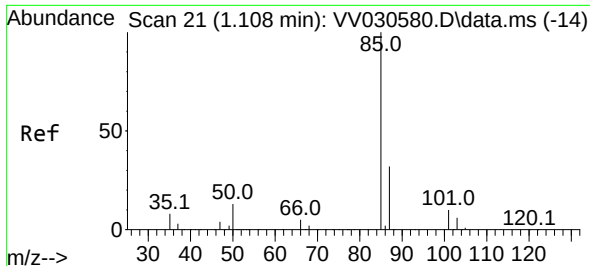
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

45) 1,1,2-Trichloroethane	7.780	97	19477	10.223	ug/L	96
46) Tetrachloroethene	7.911	164	15793	9.827	ug/L	98
48) 2-Hexanone	8.088	43	36009	17.120	ug/L	98
49) Dibromochloromethane	8.188	129	21222	10.099	ug/L	93
50) 1,2-Dibromoethane	8.291	107	19696	9.977	ug/L #	98
51) Chlorobenzene	8.821	112	49286	9.842	ug/L	99
52) Ethylbenzene	8.953	91	75959	9.075	ug/L	99
53) m,p-Xylene	9.082	106	28366	8.972	ug/L	99
54) o-Xylene	9.487	106	27090	8.758	ug/L	100
55) Styrene	9.503	104	46974	8.646	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.185	83	31080	9.936	ug/L	98
59) Bromoform	9.673	173	16347	10.280	ug/L	98
60) Isopropylbenzene	9.876	105	74770	9.439	ug/L	99
61) 1,2,3-Trichloropropane	10.217	75	24620	10.822	ug/L	96
62) 1,3,5-Trimethylbenzene	10.484	105	58428	8.959	ug/L	99
63) 1,2,4-Trimethylbenzene	10.860	105	57582	8.842	ug/L	97
64) 1,3-Dichlorobenzene	11.127	146	38968	9.826	ug/L	99
65) 1,4-Dichlorobenzene	11.217	146	42783	10.230	ug/L	99
67) 1,2-Dichlorobenzene	11.590	146	40488	10.120	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.374	75	6995	10.394	ug/L	88
69) 1,3,5-Trichlorobenzene	12.590	180	28753	9.598	ug/L	99
70) 1,2,4-trichlorobenzene	13.207	180	23568	9.265	ug/L	98
71) Naphthalene	13.448	128	60433	8.685	ug/L	99
72) 1,2,3-Trichlorobenzene	13.689	180	22670	8.988	ug/L	99

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

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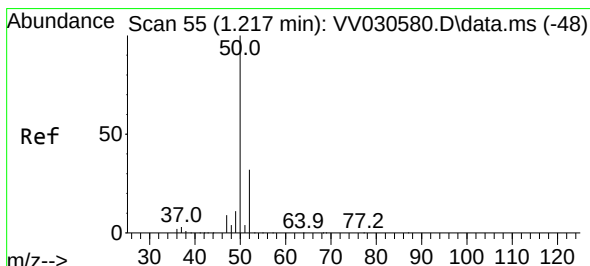
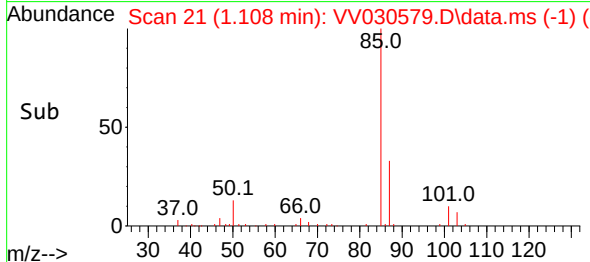
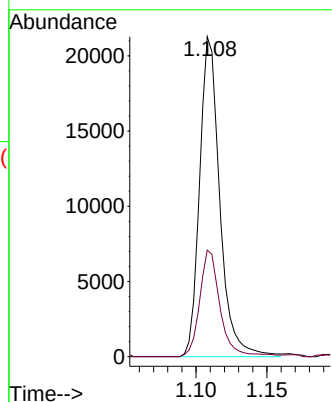
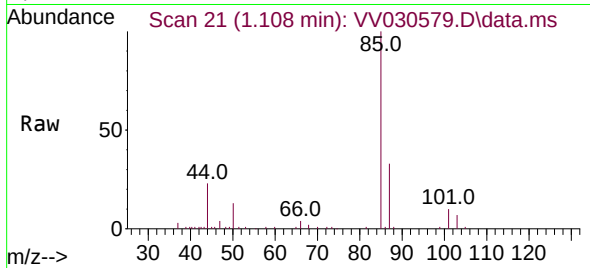




#2
 Dichlorodifluoromethane
 Concen: 10.129 ug/L
 RT: 1.108 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VV030579.D
 Acq: 17 Apr 2023 10:51

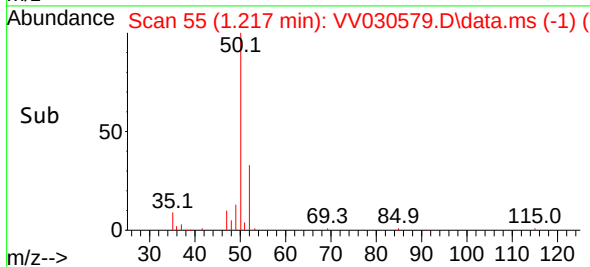
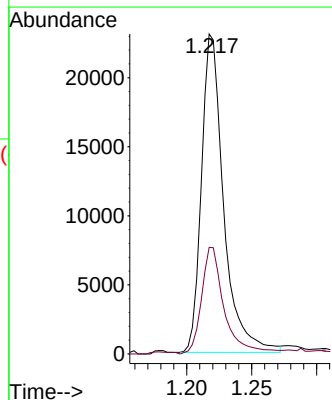
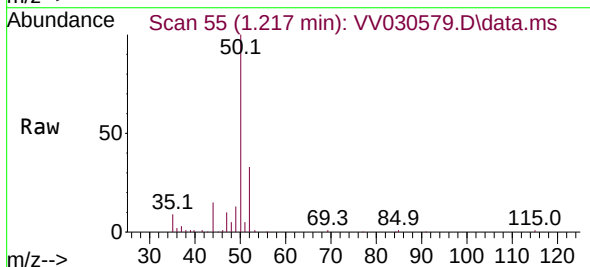
Instrument :
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 ClientSampleId :
 VSTD010216

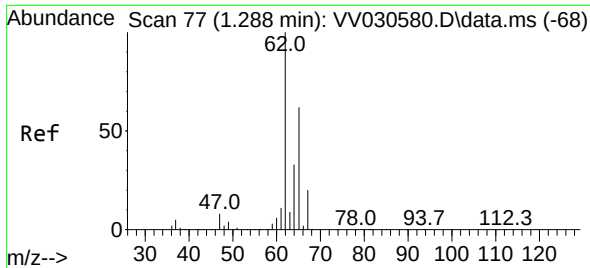
Tgt Ion: 85 Resp: 21088
 Ion Ratio Lower Upper
 85 100
 87 33.1 25.6 38.4



#3
 Chloromethane
 Concen: 10.053 ug/L
 RT: 1.217 min Scan# 55
 Delta R.T. 0.000 min
 Lab File: VV030579.D
 Acq: 17 Apr 2023 10:51

Tgt Ion: 50 Resp: 27456
 Ion Ratio Lower Upper
 50 100
 52 33.3 22.5 41.9

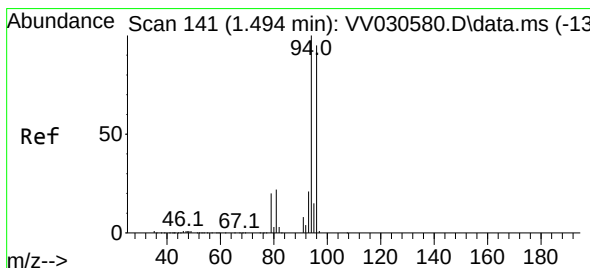
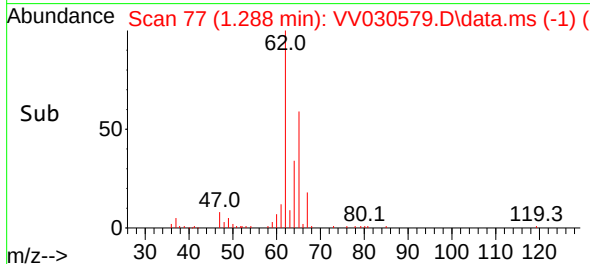
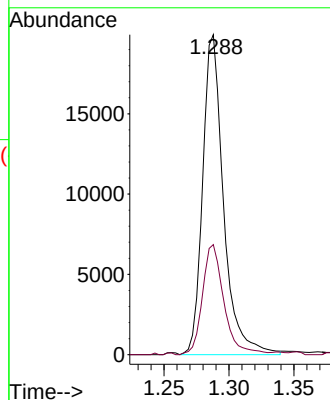
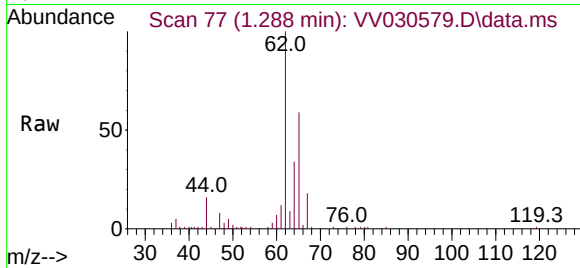




#5
 Vinyl chloride
 Concen: 10.143 ug/L
 RT: 1.288 min Scan# 77
 Delta R.T. 0.000 min
 Lab File: VV030579.D
 Acq: 17 Apr 2023 10:51

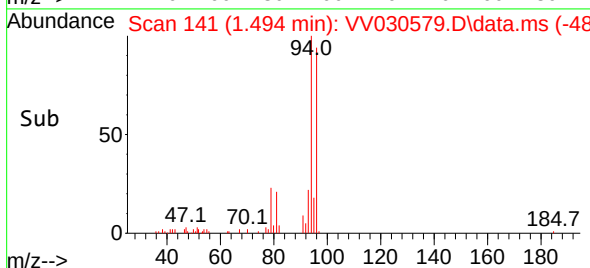
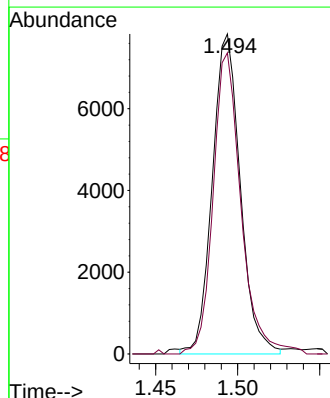
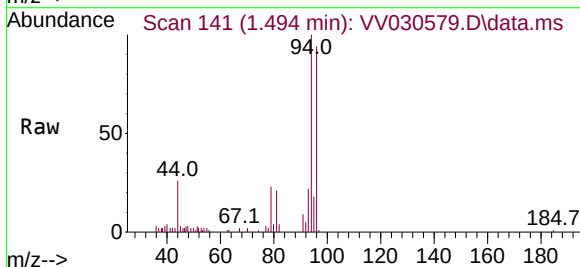
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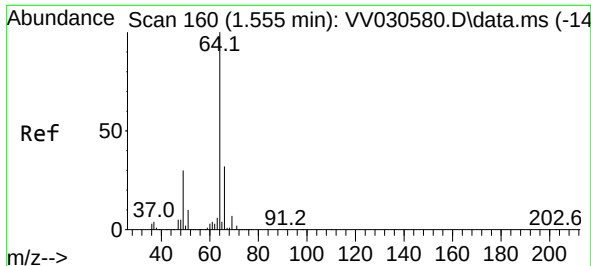
Tgt Ion: 62 Resp: 22333
 Ion Ratio Lower Upper
 62 100
 64 34.4 23.4 43.4



#6
 Bromomethane
 Concen: 10.610 ug/L
 RT: 1.494 min Scan# 141
 Delta R.T. 0.000 min
 Lab File: VV030579.D
 Acq: 17 Apr 2023 10:51

Tgt Ion: 94 Resp: 9264
 Ion Ratio Lower Upper
 94 100
 96 94.1 66.3 123.1

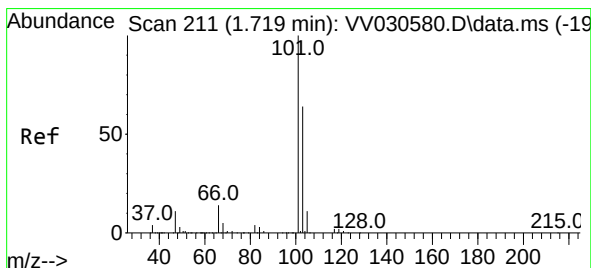
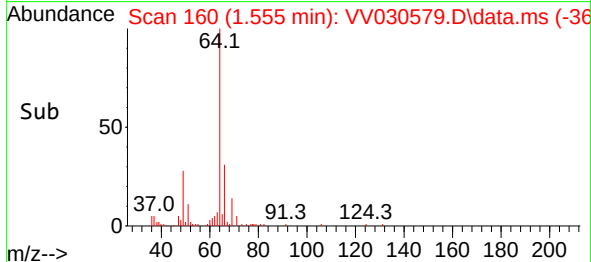
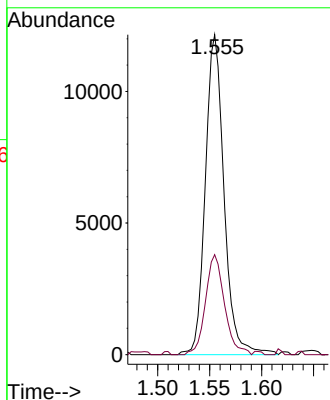
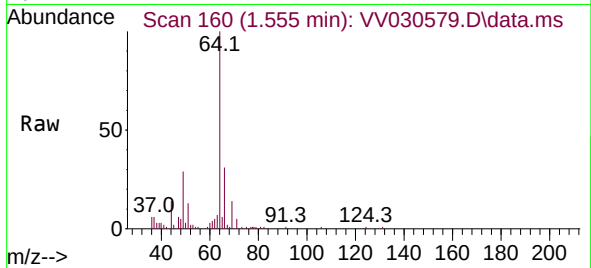




#8
Chloroethane
Concen: 10.074 ug/L
RT: 1.555 min Scan# 160
Delta R.T. 0.000 min
Lab File: VV030579.D
Acq: 17 Apr 2023 10:51

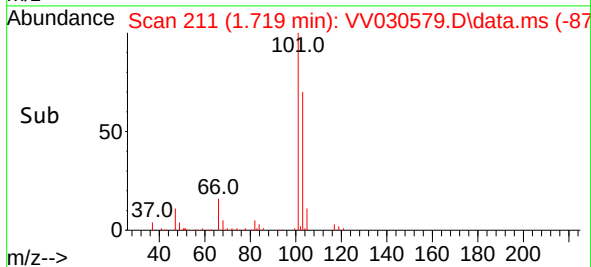
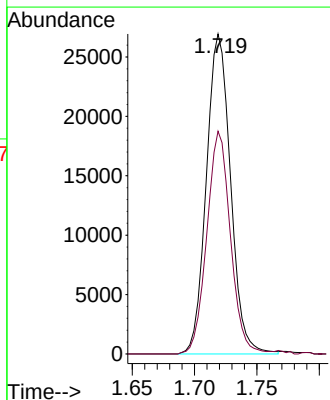
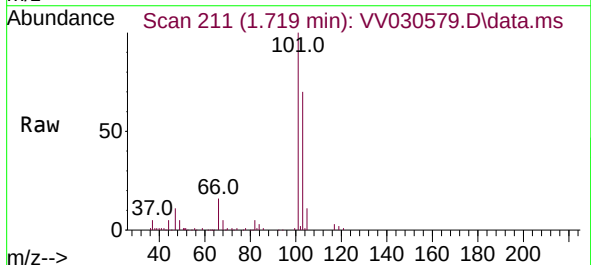
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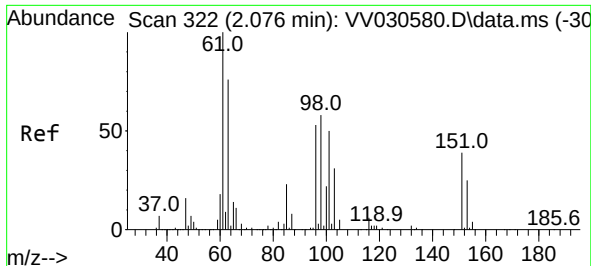
Tgt Ion: 64 Resp: 15213
Ion Ratio Lower Upper
64 100
66 31.3 22.7 42.3



#9
Trichlorofluoromethane
Concen: 10.202 ug/L
RT: 1.719 min Scan# 211
Delta R.T. 0.000 min
Lab File: VV030579.D
Acq: 17 Apr 2023 10:51

Tgt Ion:101 Resp: 36408
Ion Ratio Lower Upper
101 100
103 68.1 51.4 77.0

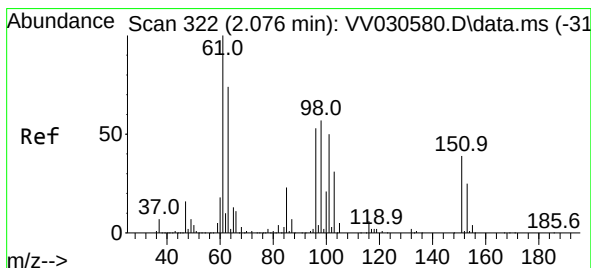
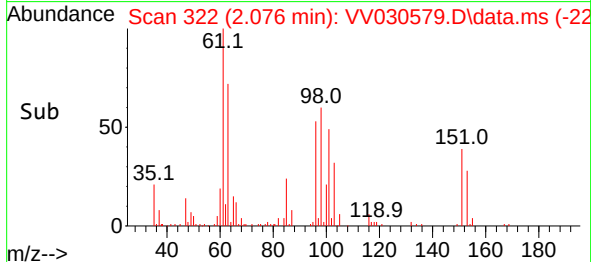
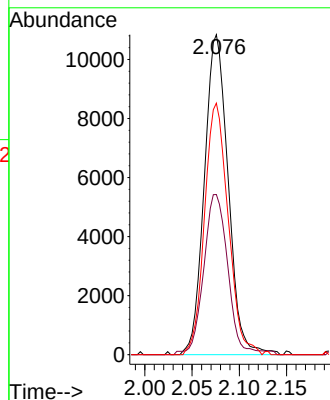
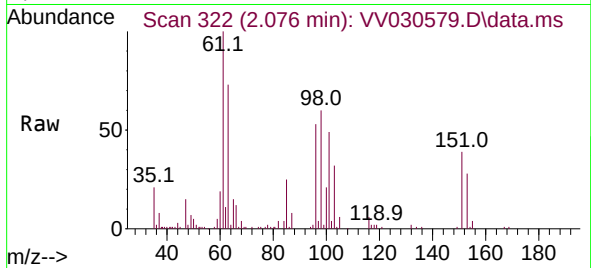




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 10.122 ug/L
 RT: 2.076 min Scan# 311
 Delta R.T. 0.000 min
 Lab File: VV030579.D
 Acq: 17 Apr 2023 10:51

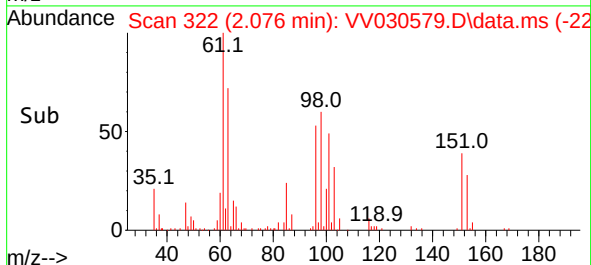
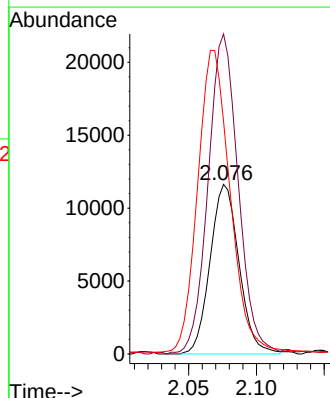
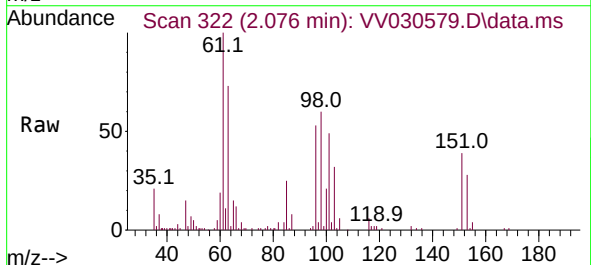
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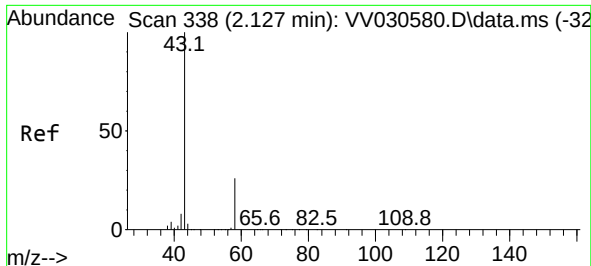
Tgt Ion:101 Resp: 18983
 Ion Ratio Lower Upper
 101 100
 85 48.6 37.5 56.3
 151 78.0 63.5 95.3



#12
 1,1-Dichloroethene
 Concen: 10.164 ug/L
 RT: 2.076 min Scan# 322
 Delta R.T. 0.000 min
 Lab File: VV030579.D
 Acq: 17 Apr 2023 10:51

Tgt Ion: 96 Resp: 17234
 Ion Ratio Lower Upper
 96 100
 61 188.7 131.9 245.0
 63 137.1 99.8 185.3





#13

Acetone

Concen: 21.100 ug/L

RT: 2.130 min Scan# 31

Delta R.T. 0.003 min

Lab File: VV030579.D

Acq: 17 Apr 2023 10:51

Instrument :

MSVOA_V

ClientSampleId :

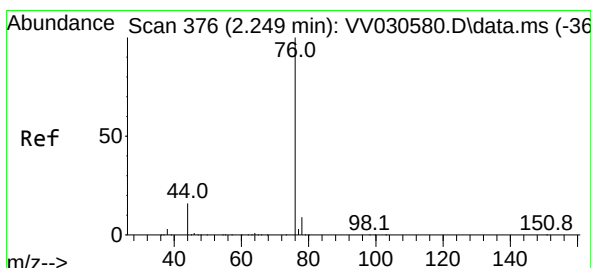
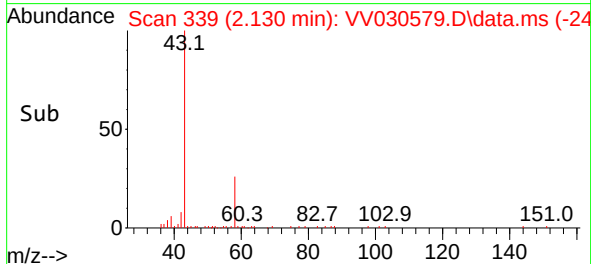
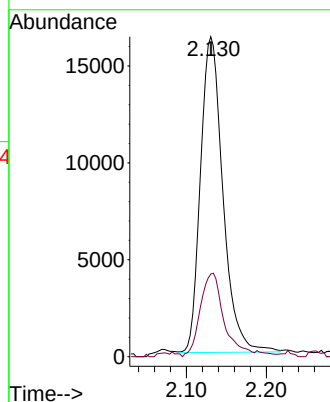
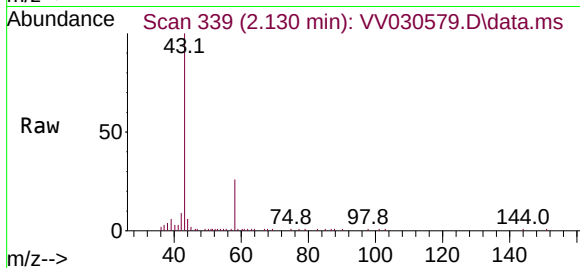
VSTD010216

Tgt Ion: 43 Resp: 31835

Ion Ratio Lower Upper

43 100

58 27.9 0.0 52.8



#14

Carbon disulfide

Concen: 9.918 ug/L

RT: 2.249 min Scan# 376

Delta R.T. 0.000 min

Lab File: VV030579.D

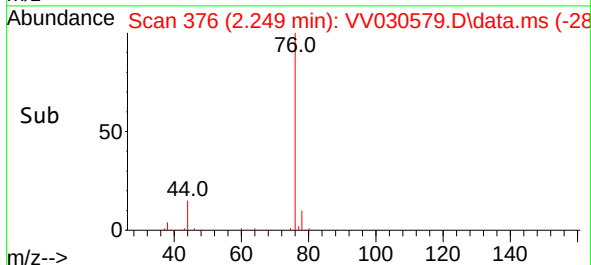
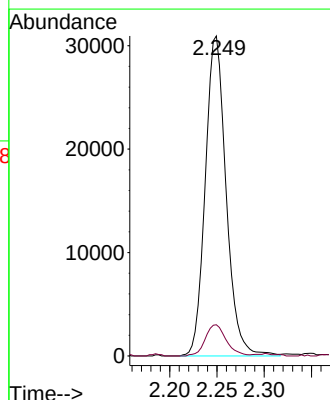
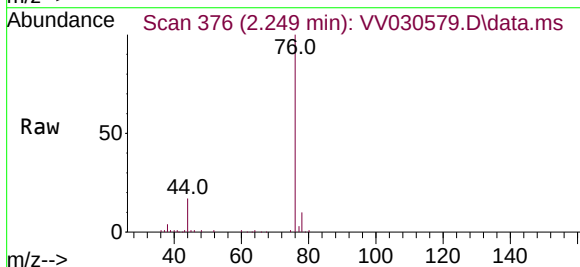
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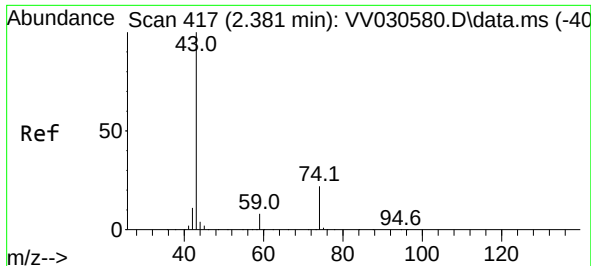
Tgt Ion: 76 Resp: 47502

Ion Ratio Lower Upper

76 100

78 9.8 7.0 10.4

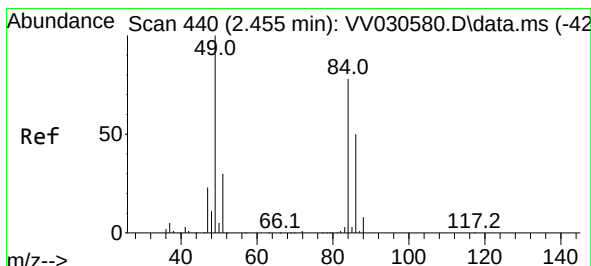
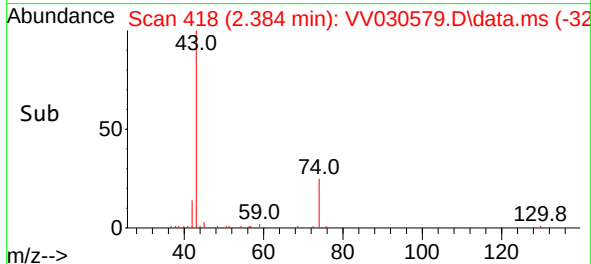
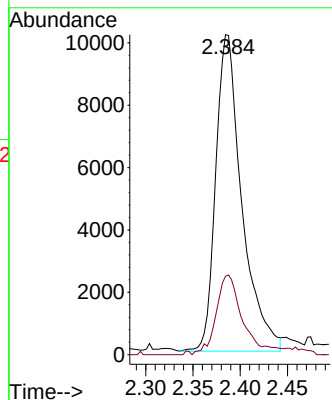
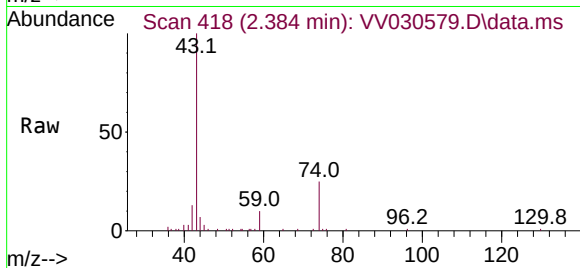




#15
Methyl Acetate
Concen: 9.695 ug/L
RT: 2.384 min Scan# 417
Delta R.T. 0.003 min
Lab File: VV030579.D
Acq: 17 Apr 2023 10:51

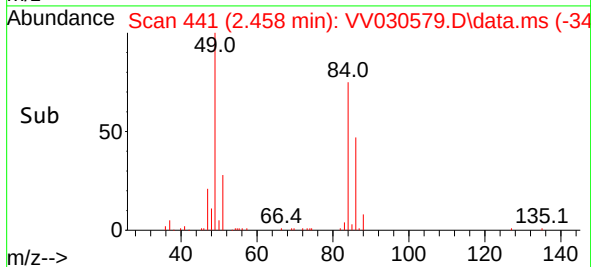
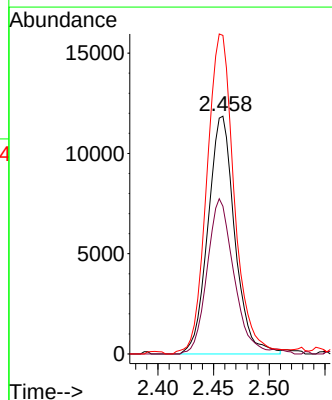
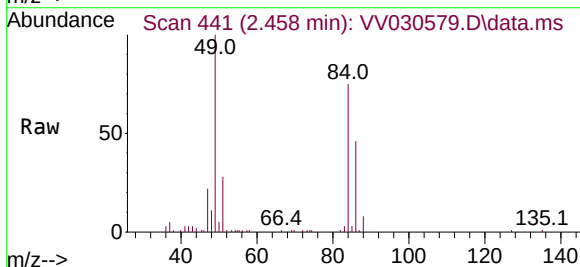
Instrument :
MSVOA_V
ClientSampleId :
VSTD010216

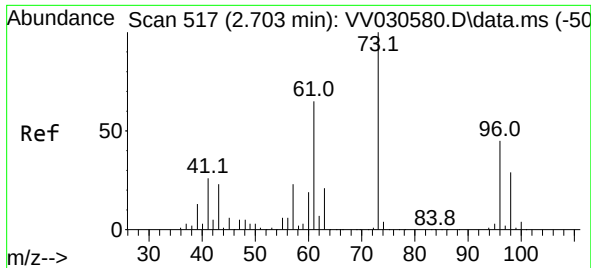
Tgt Ion: 43 Resp: 19520
Ion Ratio Lower Upper
43 100
74 22.1 17.7 26.5



#16
Methylene chloride
Concen: 10.222 ug/L
RT: 2.458 min Scan# 441
Delta R.T. 0.003 min
Lab File: VV030579.D
Acq: 17 Apr 2023 10:51

Tgt Ion: 84 Resp: 19834
Ion Ratio Lower Upper
84 100
86 62.1 45.4 84.2
49 134.0 90.4 168.0

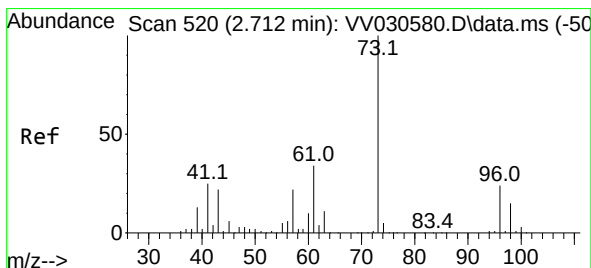
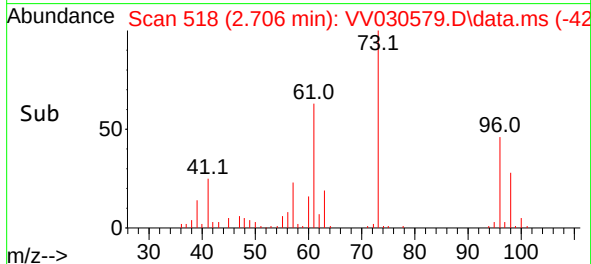
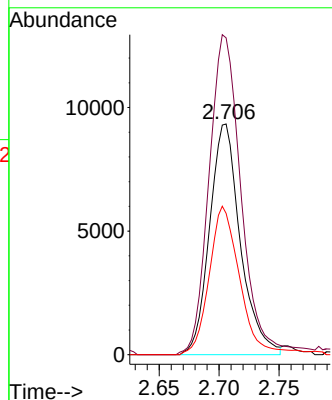
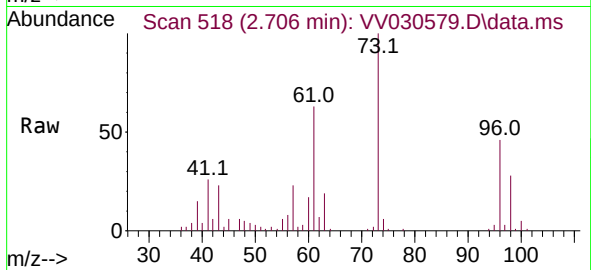




#17
trans-1,2-Dichloroethene
Concen: 9.733 ug/L
RT: 2.706 min Scan# 517
Delta R.T. 0.003 min
Lab File: VV030579.D
Acq: 17 Apr 2023 10:51

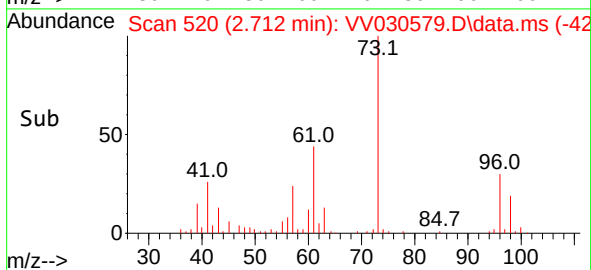
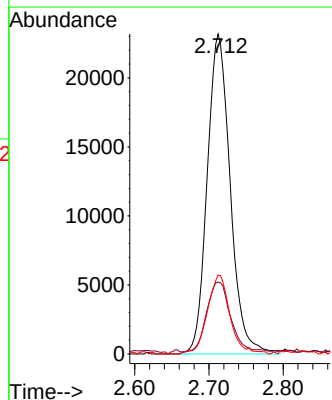
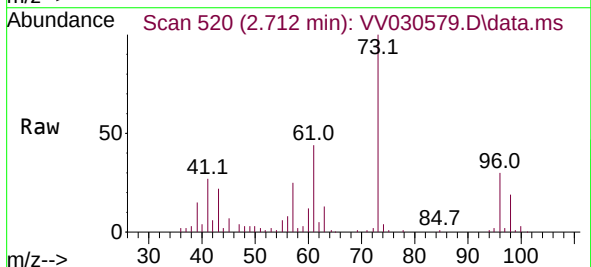
Instrument :
MSVOA_V
ClientSampleId :
VSTD010216

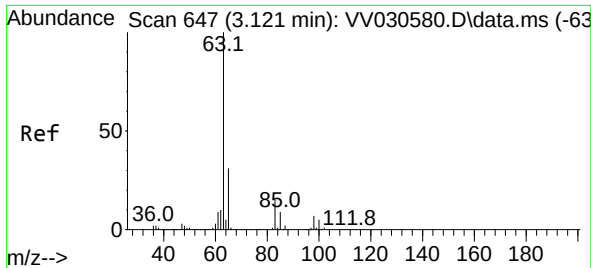
Tgt Ion: 96 Resp: 16661
Ion Ratio Lower Upper
96 100
61 137.3 101.0 187.6
98 61.2 45.4 84.2



#18
Methyl tert-butyl Ether
Concen: 9.115 ug/L
RT: 2.712 min Scan# 520
Delta R.T. 0.000 min
Lab File: VV030579.D
Acq: 17 Apr 2023 10:51

Tgt Ion: 73 Resp: 49979
Ion Ratio Lower Upper
73 100
43 22.7 17.6 26.4
57 22.1 18.2 27.2





#19

1,1-Dichloroethane

Concen: 10.099 ug/L

RT: 3.121 min Scan# 647

Delta R.T. 0.000 min

Lab File: VV030579.D

Acq: 17 Apr 2023 10:51

Instrument :

MSVOA_V

ClientSampleId :

VSTD010216

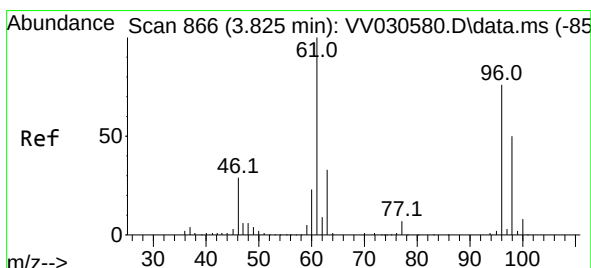
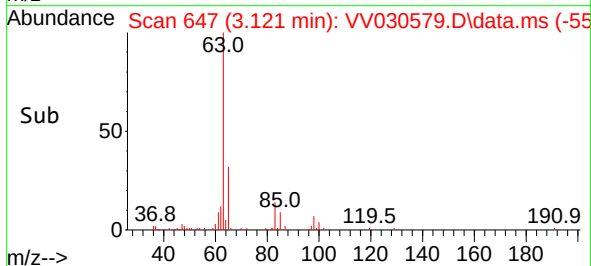
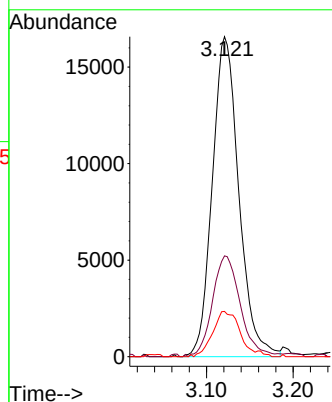
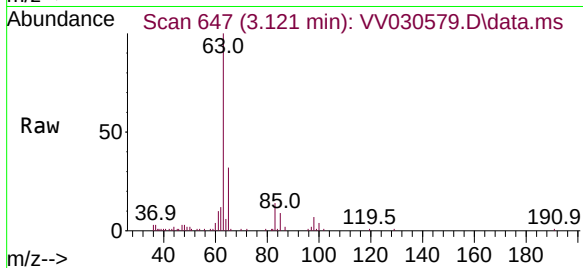
Tgt Ion: 63 Resp: 35245

Ion Ratio Lower Upper

63 100

65 31.5 21.8 40.6

83 14.1 10.2 19.0



#20

cis-1,2-Dichloroethene

Concen: 9.735 ug/L

RT: 3.831 min Scan# 868

Delta R.T. 0.007 min

Lab File: VV030579.D

Acq: 17 Apr 2023 10:51

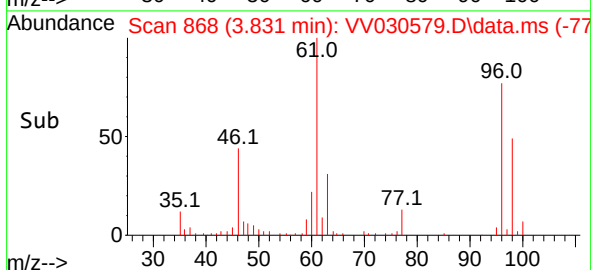
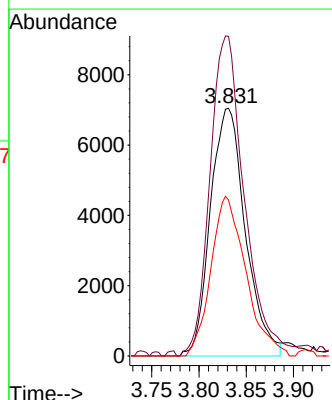
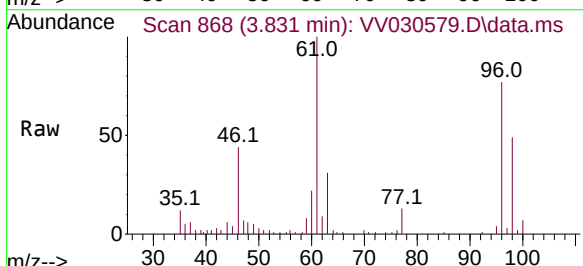
Tgt Ion: 96 Resp: 18127

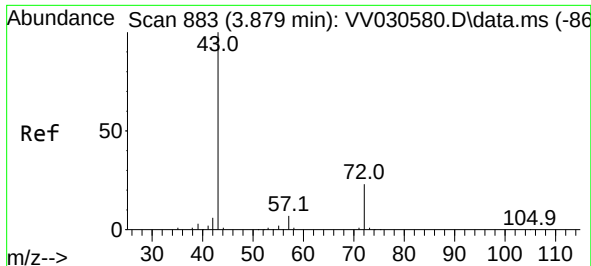
Ion Ratio Lower Upper

96 100

61 129.1 92.3 171.3

98 63.0 45.9 85.3

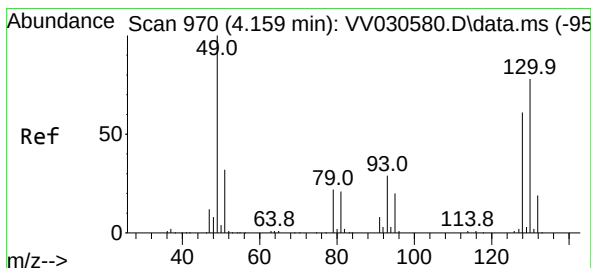
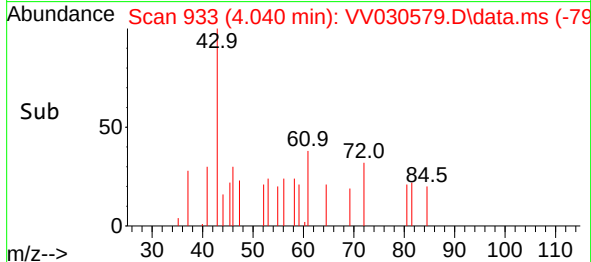
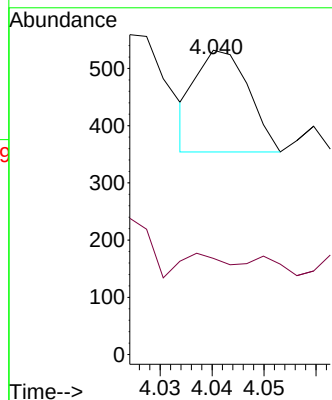
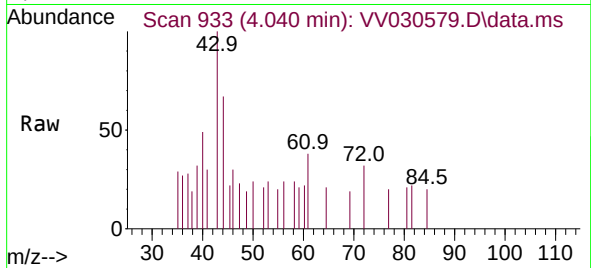




#22
2-Butanone
Concen: 0.079 ug/L
RT: 4.040 min Scan# 911
Delta R.T. 0.161 min
Lab File: VV030579.D
Acq: 17 Apr 2023 10:51

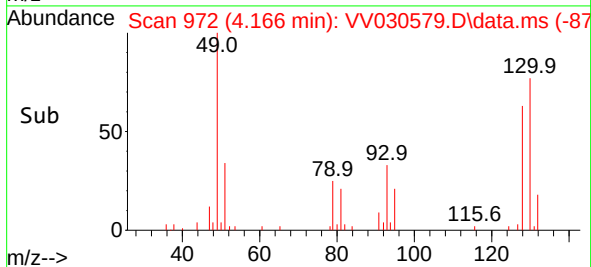
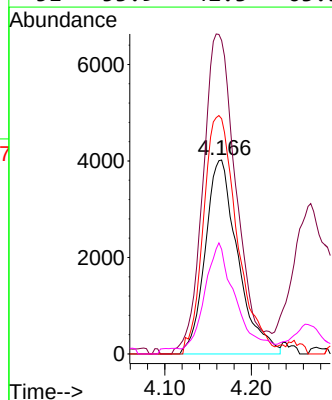
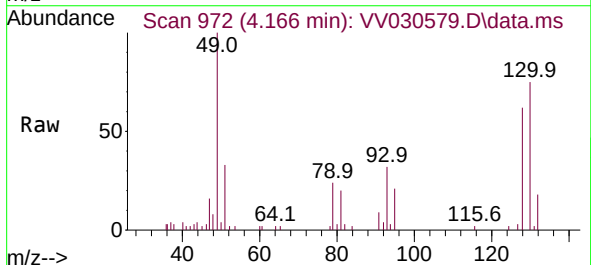
Instrument :
MSVOA_V
ClientSampleId :
VSTD010216

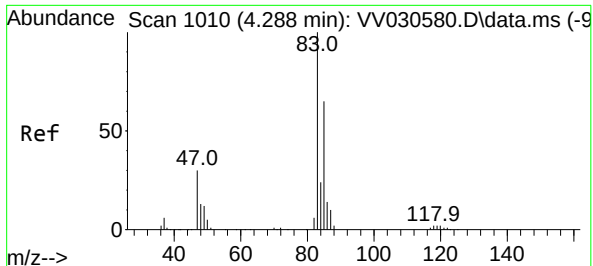
Tgt Ion: 43 Resp: 125
Ion Ratio Lower Upper
43 100
72 20.0 11.5 34.4



#23
Bromochloromethane
Concen: 10.093 ug/L
RT: 4.166 min Scan# 972
Delta R.T. 0.007 min
Lab File: VV030579.D
Acq: 17 Apr 2023 10:51

Tgt Ion: 128 Resp: 10497
Ion Ratio Lower Upper
128 100
49 161.6 114.7 213.1
130 121.3 89.0 165.2
51 53.9 42.3 63.5

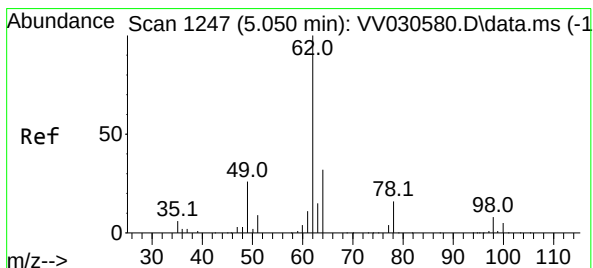
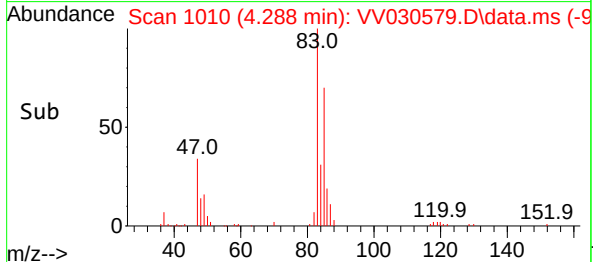
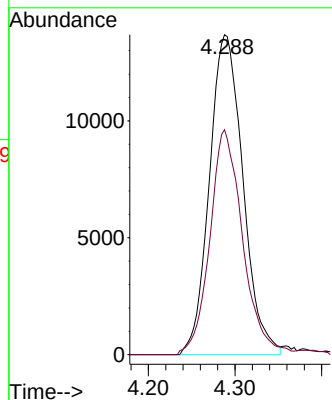
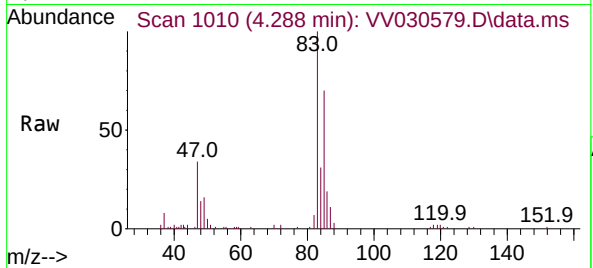




#25
Chloroform
Concen: 10.187 ug/L
RT: 4.288 min Scan# 1010
Delta R.T. 0.000 min
Lab File: VV030579.D
Acq: 17 Apr 2023 10:51

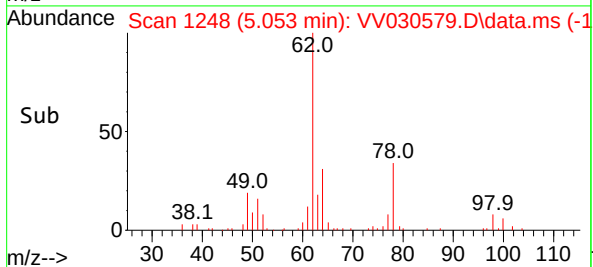
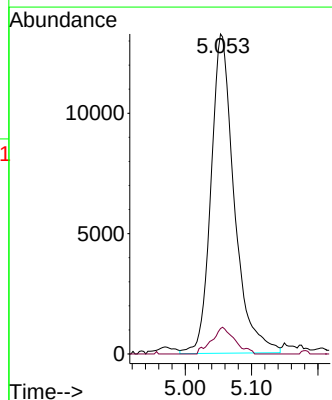
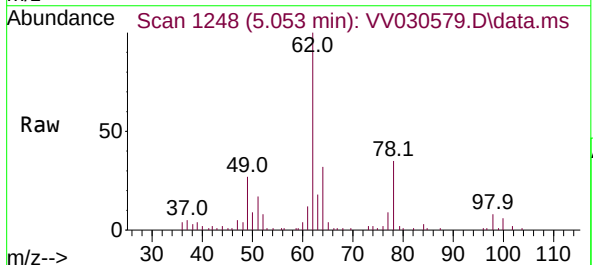
Instrument :
MSVOA_V
ClientSampleId :
VSTD010216

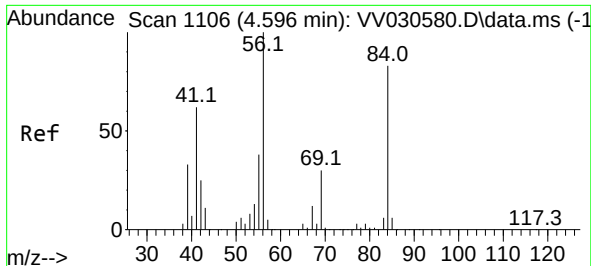
Tgt Ion: 83 Resp: 36799
Ion Ratio Lower Upper
83 100
85 70.3 45.8 85.2



#27
1,2-Dichloroethane
Concen: 10.588 ug/L
RT: 5.053 min Scan# 1248
Delta R.T. 0.003 min
Lab File: VV030579.D
Acq: 17 Apr 2023 10:51

Tgt Ion: 62 Resp: 32368
Ion Ratio Lower Upper
62 100
98 8.0 6.4 9.6





#29

Cyclohexane

Concen: 9.125 ug/L

RT: 4.593 min Scan# 1106

Delta R.T. -0.003 min

Lab File: VV030579.D

Acq: 17 Apr 2023 10:51

Instrument :

MSVOA_V

ClientSampleId :

VSTD010216

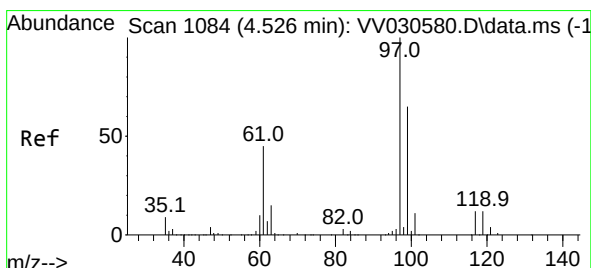
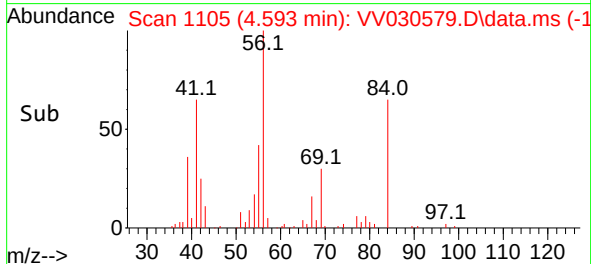
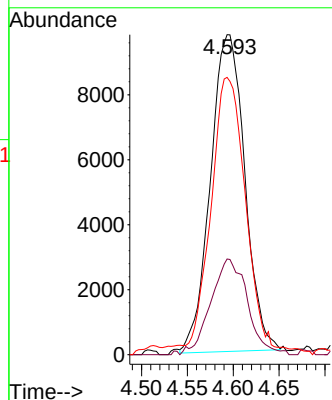
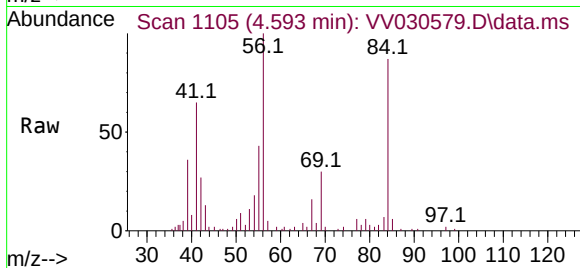
Tgt Ion: 56 Resp: 25455

Ion Ratio Lower Upper

56 100

69 20.7 24.0 36.0#

84 82.8 68.2 102.2



#30

1,1,1-Trichloroethane

Concen: 10.547 ug/L

RT: 4.526 min Scan# 1084

Delta R.T. 0.000 min

Lab File: VV030579.D

Acq: 17 Apr 2023 10:51

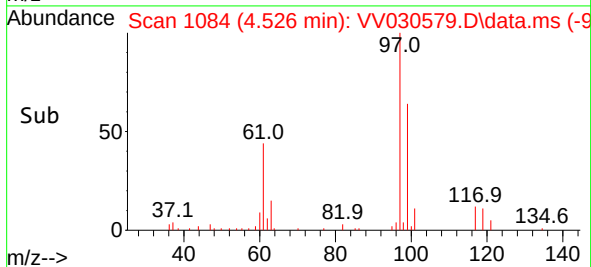
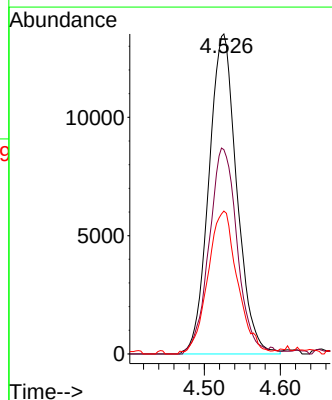
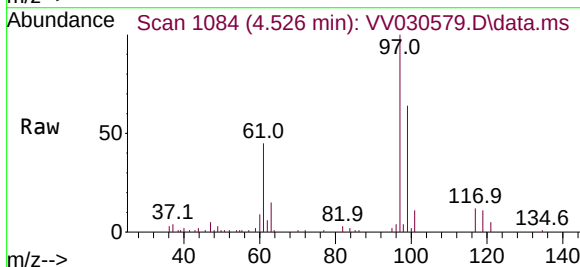
Tgt Ion: 97 Resp: 34451

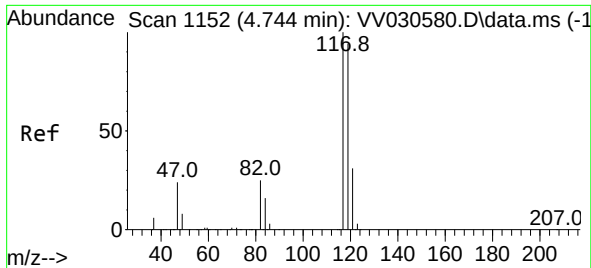
Ion Ratio Lower Upper

97 100

99 64.6 51.4 77.0

61 44.2 37.0 55.6

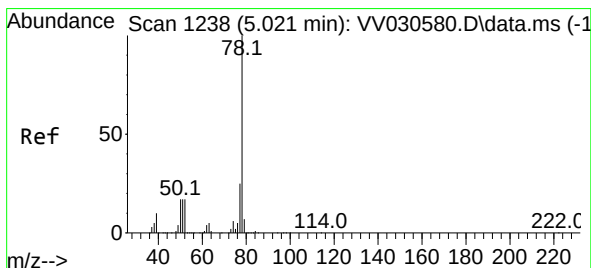
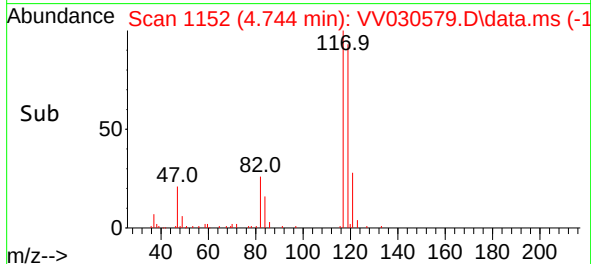
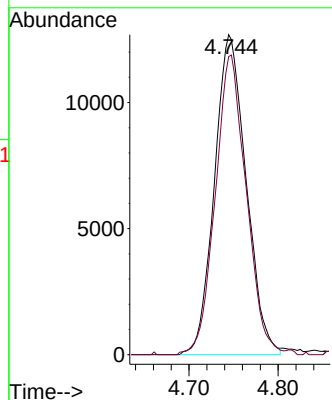
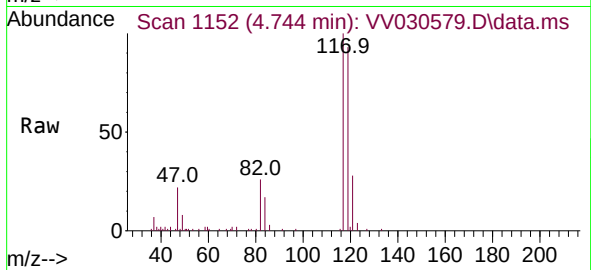




#31
Carbon tetrachloride
Concen: 10.730 ug/L
RT: 4.744 min Scan# 1152
Delta R.T. 0.000 min
Lab File: VV030579.D
Acq: 17 Apr 2023 10:51

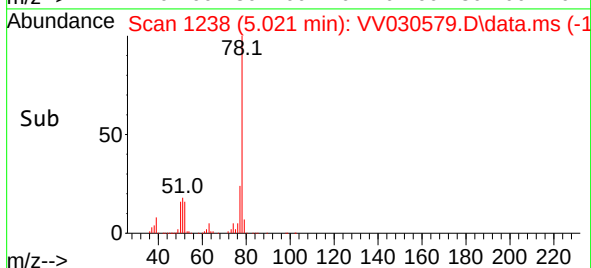
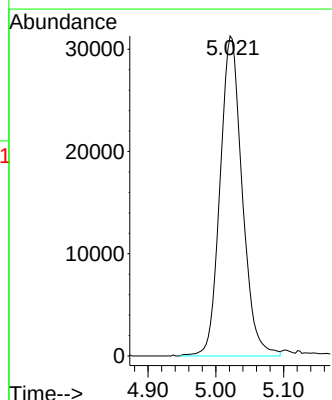
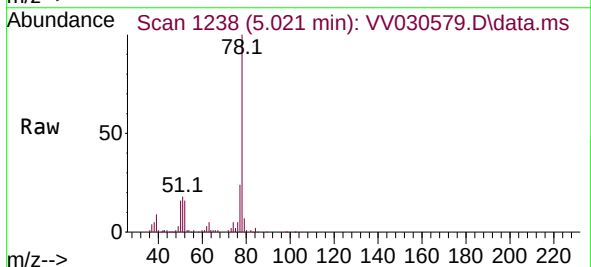
Instrument :
MSVOA_V
ClientSampleId :
VSTD010216

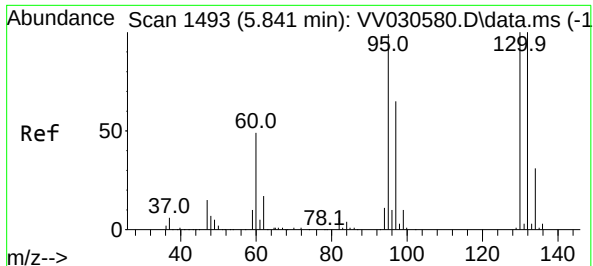
Tgt Ion:117 Resp: 31336
Ion Ratio Lower Upper
117 100
119 91.4 75.9 113.9



#33
Benzene
Concen: 10.072 ug/L
RT: 5.021 min Scan# 1238
Delta R.T. 0.000 min
Lab File: VV030579.D
Acq: 17 Apr 2023 10:51

Tgt Ion: 78 Resp: 71098

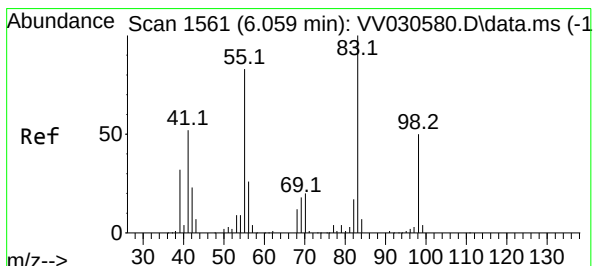
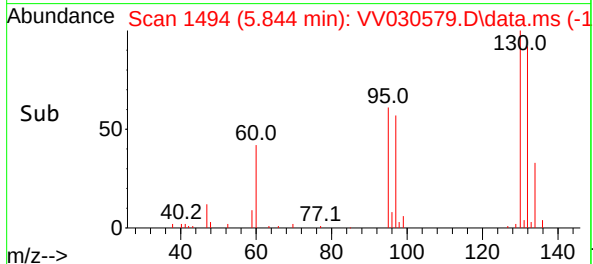
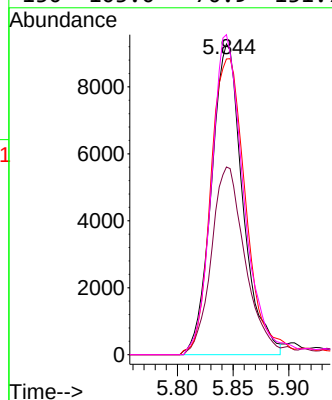
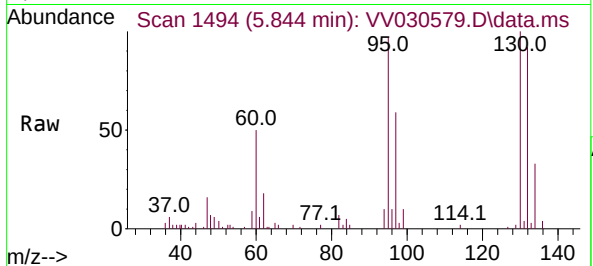




#34
Trichloroethene
Concen: 9.900 ug/L
RT: 5.844 min Scan# 1493
Delta R.T. 0.003 min
Lab File: VV030579.D
Acq: 17 Apr 2023 10:51

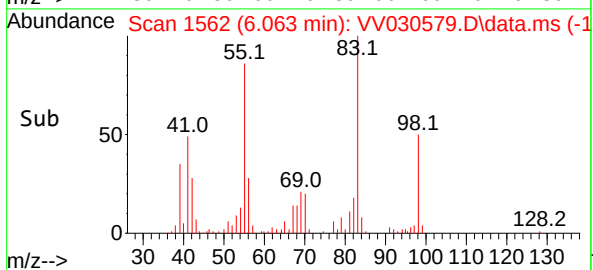
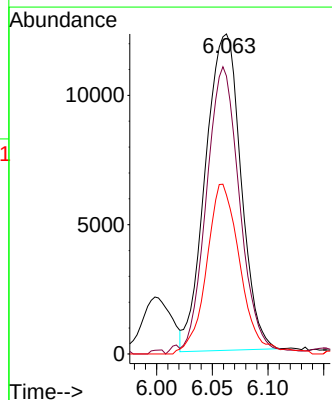
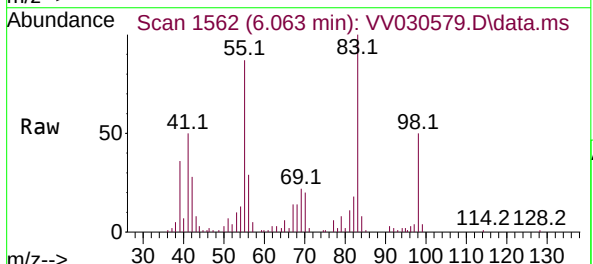
Instrument :
MSVOA_V
ClientSampleId :
VSTD010216

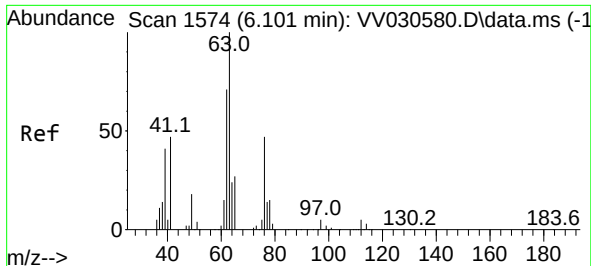
Tgt Ion: 95 Resp: 18177
Ion Ratio Lower Upper
95 100
97 60.4 45.8 85.2
132 95.2 70.6 131.2
130 103.0 70.9 131.7



#35
Methylcyclohexane
Concen: 9.445 ug/L
RT: 6.063 min Scan# 1562
Delta R.T. 0.003 min
Lab File: VV030579.D
Acq: 17 Apr 2023 10:51

Tgt Ion: 83 Resp: 27174
Ion Ratio Lower Upper
83 100
55 84.9 65.5 98.3
98 50.2 38.7 58.1





#37

1,2-Dichloropropane

Concen: 10.647 ug/L

RT: 6.104 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV030579.D

Acq: 17 Apr 2023 10:51

Instrument :

MSVOA_V

ClientSampleId :

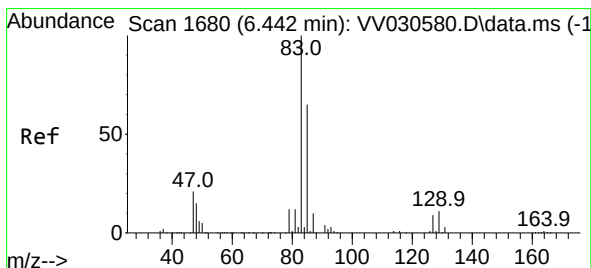
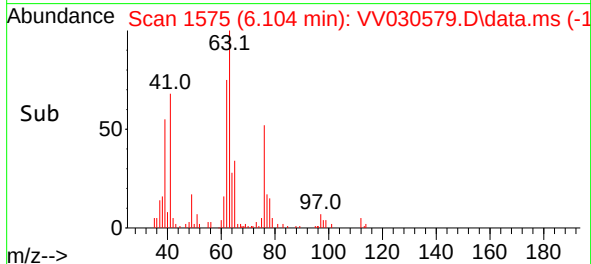
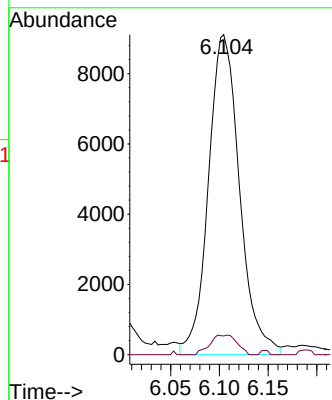
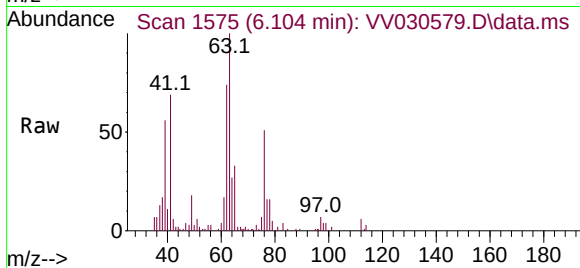
VSTD010216

Tgt Ion: 63 Resp: 20230

Ion Ratio Lower Upper

63 100

112 3.0 3.8 5.8#



#38

Bromodichloromethane

Concen: 10.304 ug/L

RT: 6.442 min Scan# 1680

Delta R.T. 0.000 min

Lab File: VV030579.D

Acq: 17 Apr 2023 10:51

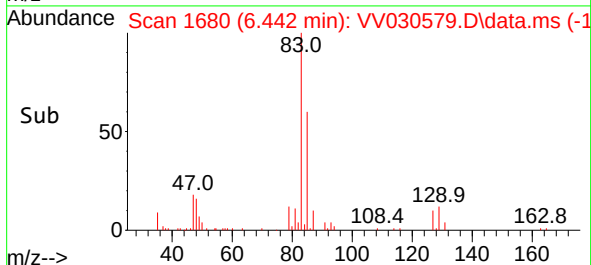
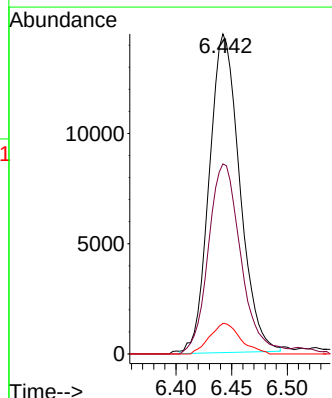
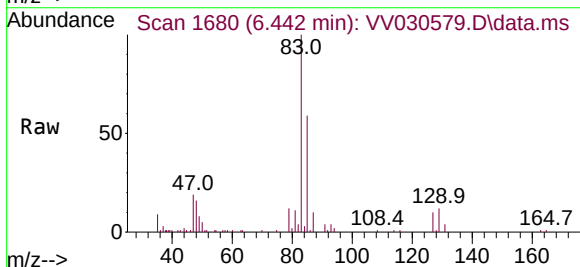
Tgt Ion: 83 Resp: 27502

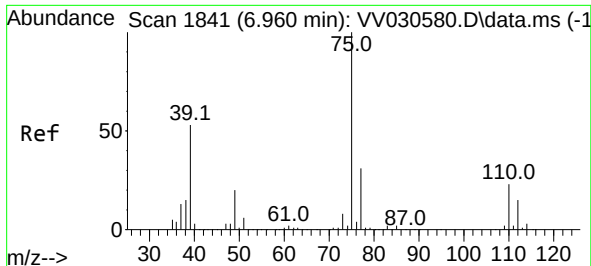
Ion Ratio Lower Upper

83 100

85 59.4 45.4 84.4

127 9.6 7.0 10.4





#39

cis-1,3-Dichloropropene

Concen: 8.709 ug/L

RT: 6.963 min Scan# 11

Delta R.T. 0.003 min

Lab File: VV030579.D

Acq: 17 Apr 2023 10:51

Instrument :

MSVOA_V

ClientSampleId :

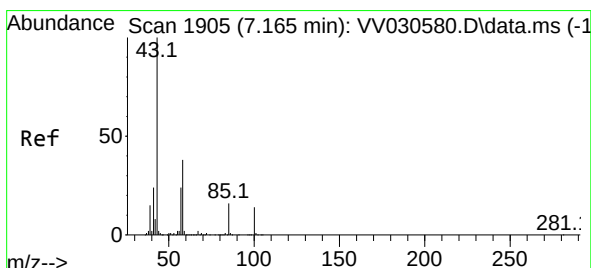
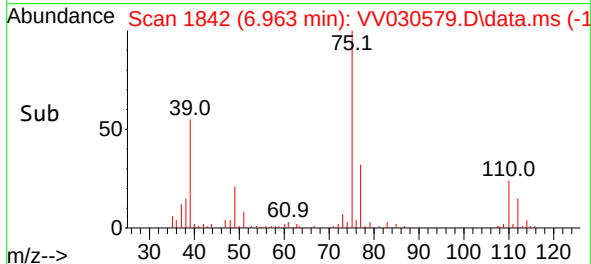
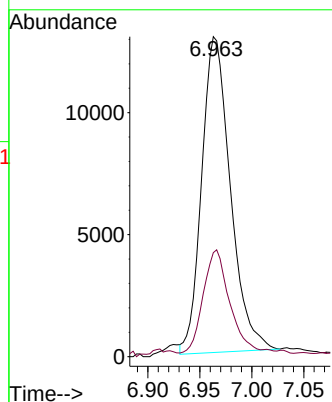
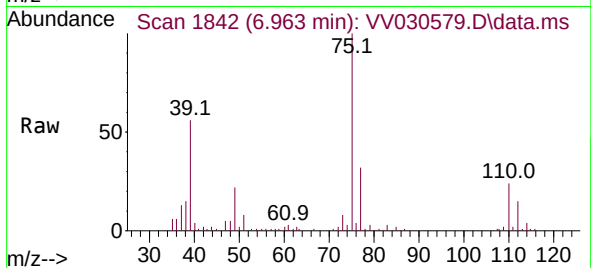
VSTD010216

Tgt Ion: 75 Resp: 24834

Ion Ratio Lower Upper

75 100

77 32.5 22.0 40.8



#40

4-Methyl-2-pentanone

Concen: 18.091 ug/L

RT: 7.169 min Scan# 1906

Delta R.T. 0.003 min

Lab File: VV030579.D

Acq: 17 Apr 2023 10:51

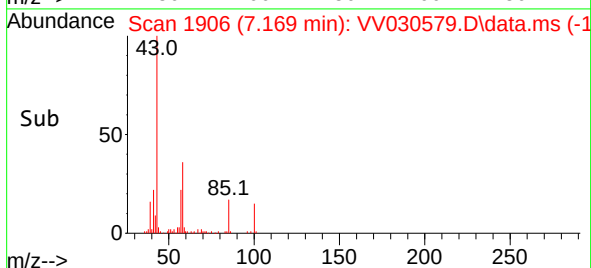
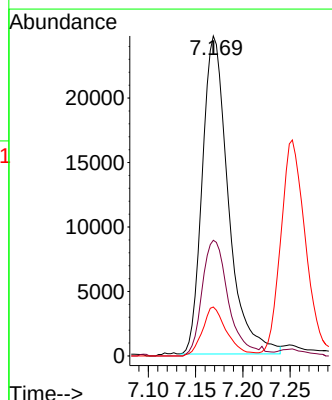
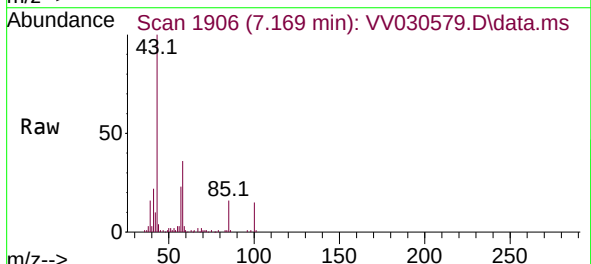
Tgt Ion: 43 Resp: 47352

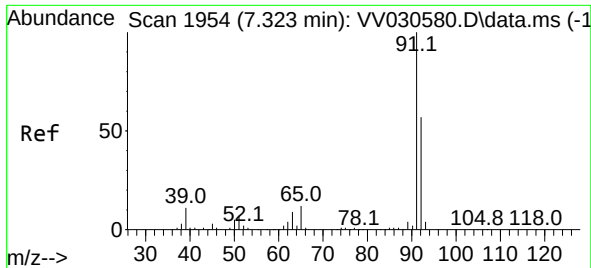
Ion Ratio Lower Upper

43 100

58 36.4 29.2 43.8

100 14.5 11.3 16.9





#42

Toluene

Concen: 9.621 ug/L

RT: 7.323 min Scan# 1954

Delta R.T. 0.000 min

Lab File: VV030579.D

Acq: 17 Apr 2023 10:51

Instrument :

MSVOA_V

ClientSampleId :

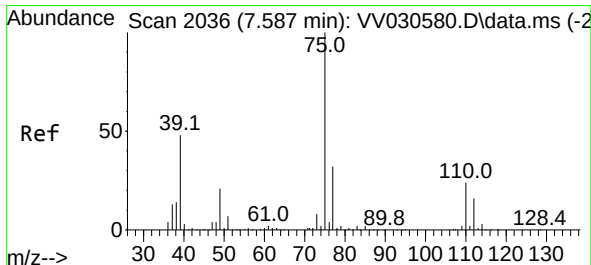
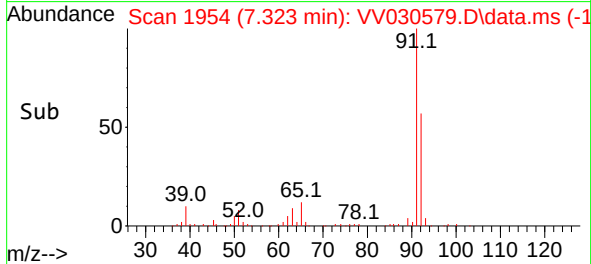
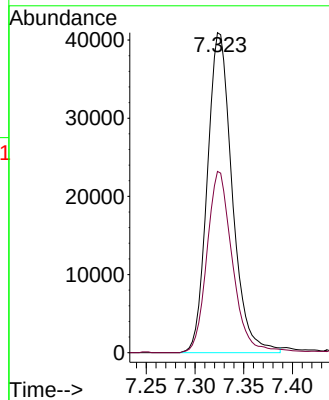
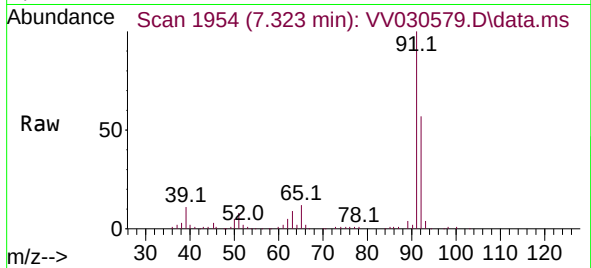
VSTD010216

Tgt Ion: 91 Resp: 72742

Ion Ratio Lower Upper

91 100

92 56.6 39.8 73.8



#44

trans-1,3-Dichloropropene

Concen: 9.197 ug/L

RT: 7.590 min Scan# 2037

Delta R.T. 0.003 min

Lab File: VV030579.D

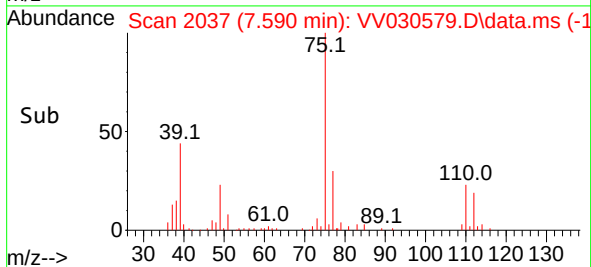
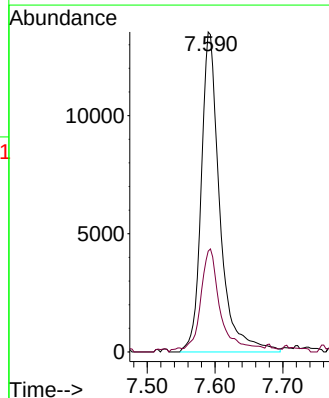
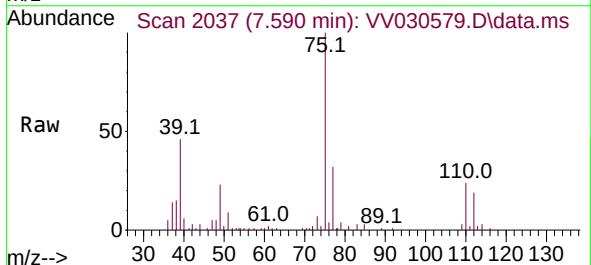
Acq: 17 Apr 2023 10:51

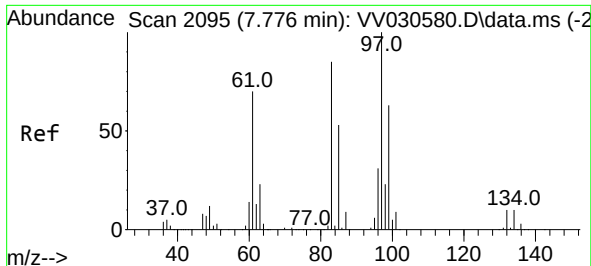
Tgt Ion: 75 Resp: 25767

Ion Ratio Lower Upper

75 100

77 31.5 22.1 41.1

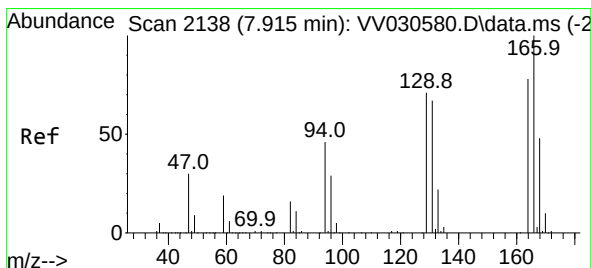
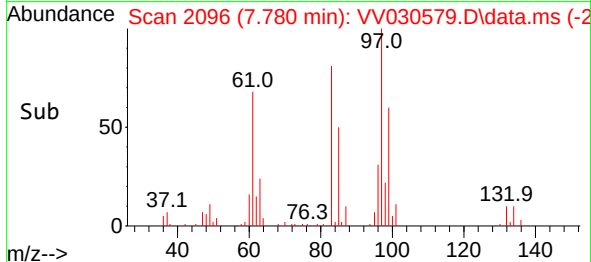
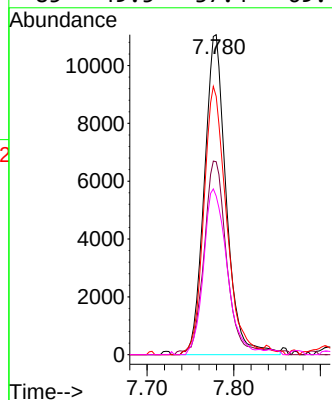
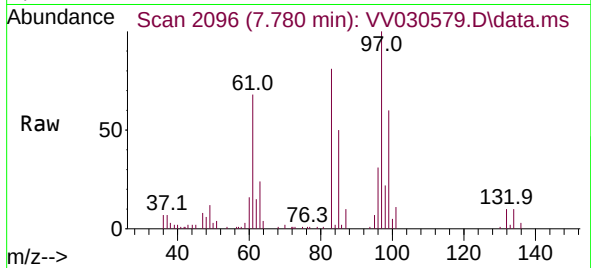




#45
1,1,2-Trichloroethane
Concen: 10.223 ug/L
RT: 7.780 min Scan# 2095
Delta R.T. 0.003 min
Lab File: VV030579.D
Acq: 17 Apr 2023 10:51

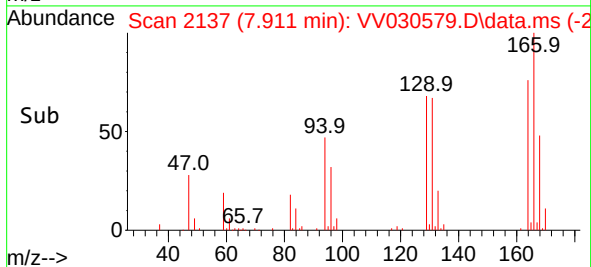
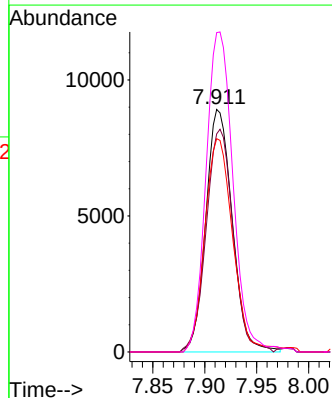
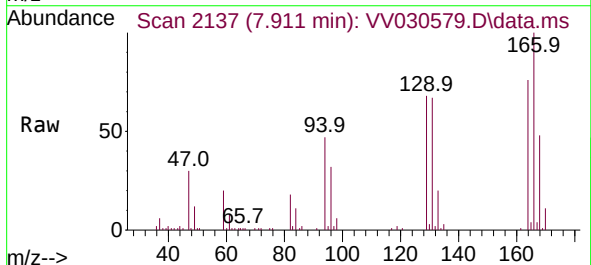
Instrument :
MSVOA_V
ClientSampleId :
VSTD010216

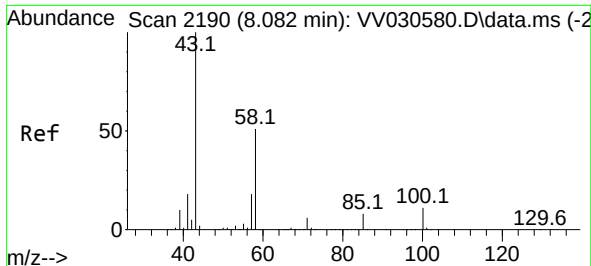
Tgt Ion: 97	Resp: 19477
Ion Ratio	Lower Upper
97 100	
99 60.3	43.8 81.4
83 80.7	59.6 110.6
85 49.5	37.4 69.4



#46
Tetrachloroethene
Concen: 9.827 ug/L
RT: 7.911 min Scan# 2137
Delta R.T. -0.003 min
Lab File: VV030579.D
Acq: 17 Apr 2023 10:51

Tgt Ion:164	Resp: 15793		
Ion	Ratio	Lower	Upper
164	100		
129	89.9	63.8	118.6
131	87.9	60.3	111.9
166	131.6	89.5	166.1

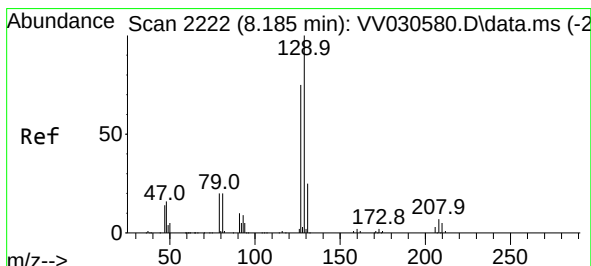
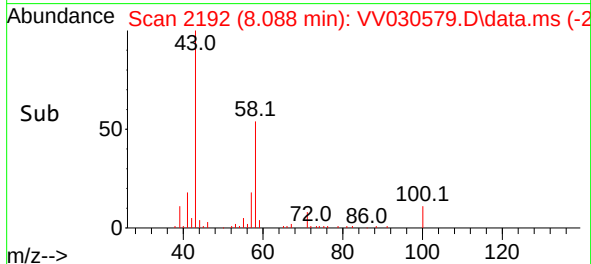
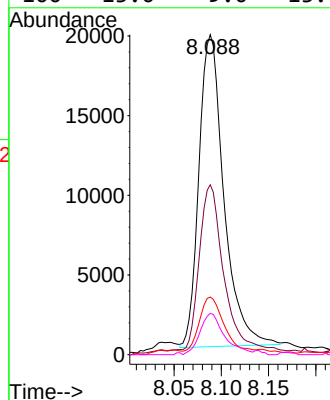
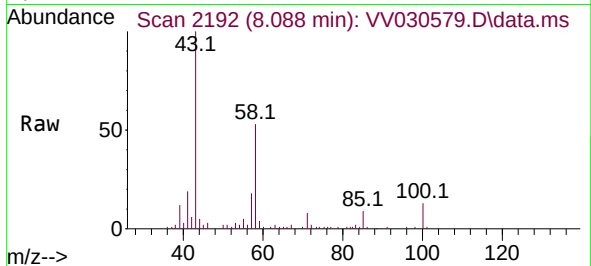




#48
2-Hexanone
Concen: 17.120 ug/L
RT: 8.088 min Scan# 2190
Delta R.T. 0.007 min
Lab File: VV030579.D
Acq: 17 Apr 2023 10:51

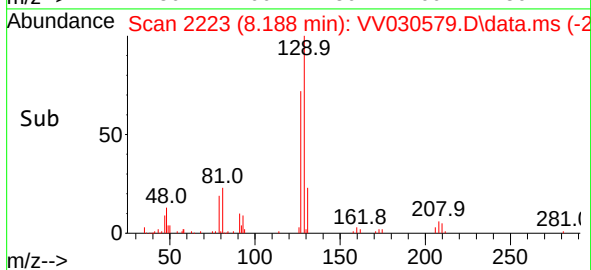
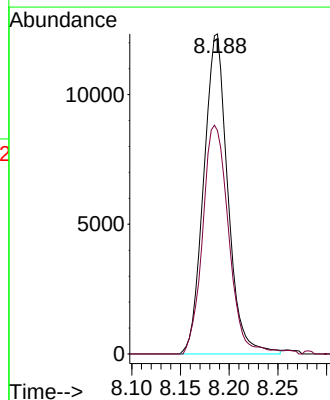
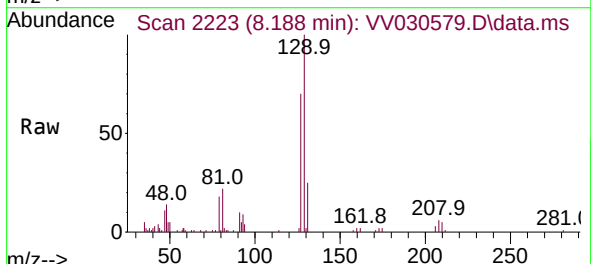
Instrument :
MSVOA_V
ClientSampleId :
VSTD010216

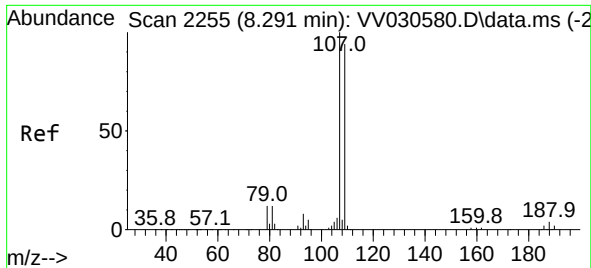
Tgt Ion: 43	Resp: 36009
Ion Ratio	Lower Upper
43 100	
58 51.0	41.4 62.0
57 17.1	14.9 22.3
100 13.0	9.0 13.6



#49
Dibromochloromethane
Concen: 10.099 ug/L
RT: 8.188 min Scan# 2223
Delta R.T. 0.003 min
Lab File: VV030579.D
Acq: 17 Apr 2023 10:51

Tgt Ion:129	Resp: 21222		
Ion Ratio	Lower	Upper	
129 100			
127 69.8	52.8	98.2	

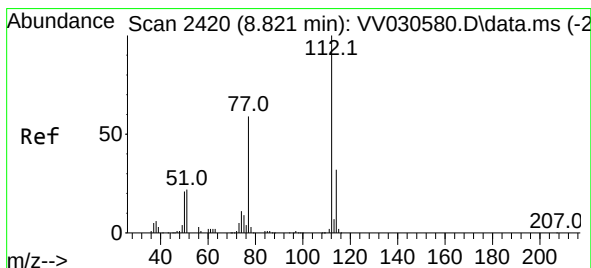
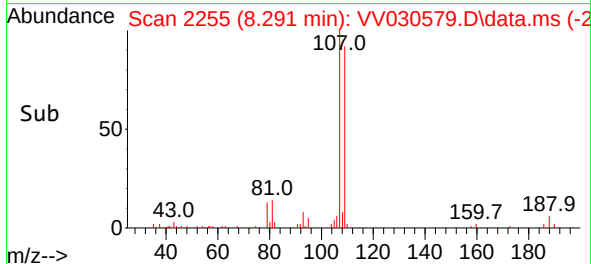
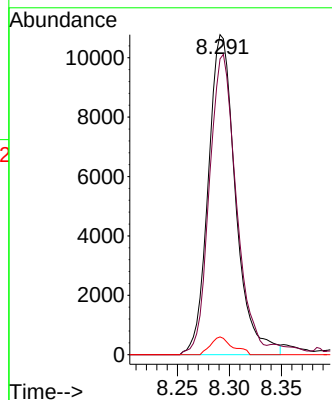
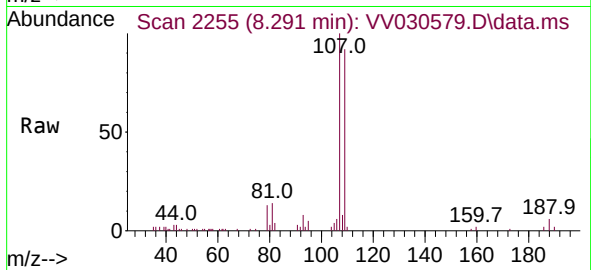




#50
 1,2-Dibromoethane
 Concen: 9.977 ug/L
 RT: 8.291 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VV030579.D
 Acq: 17 Apr 2023 10:51

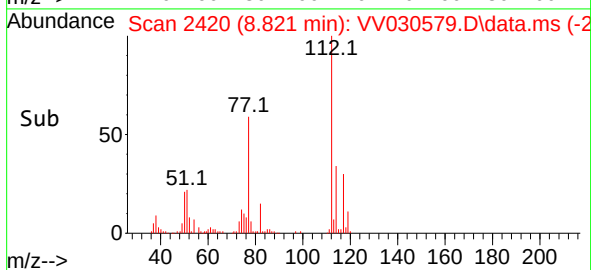
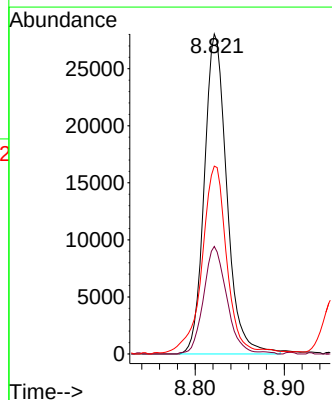
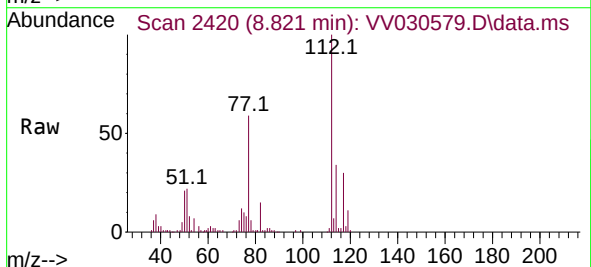
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD010216

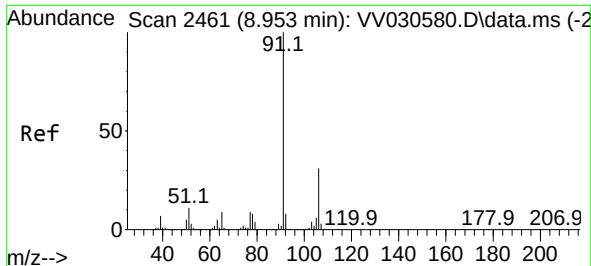
Tgt Ion:107 Resp: 19696
 Ion Ratio Lower Upper
 107 100
 109 92.4 65.7 121.9
 188 5.6 3.2 4.8#



#51
 Chlorobenzene
 Concen: 9.842 ug/L
 RT: 8.821 min Scan# 2420
 Delta R.T. 0.000 min
 Lab File: VV030579.D
 Acq: 17 Apr 2023 10:51

Tgt Ion:112 Resp: 49286
 Ion Ratio Lower Upper
 112 100
 114 33.6 22.4 41.6
 77 58.7 47.4 71.0

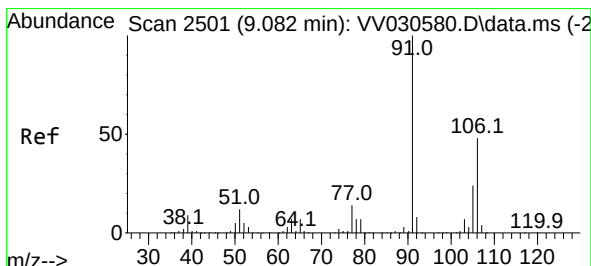
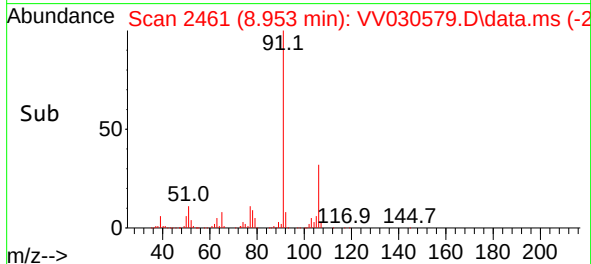
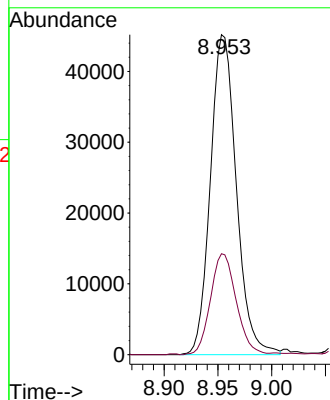
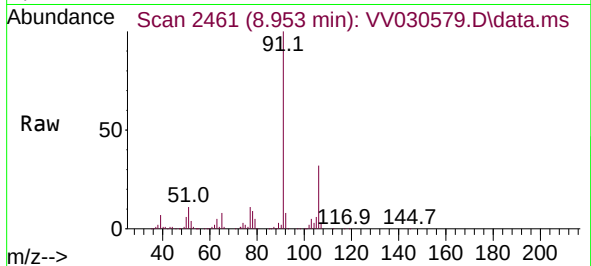




#52
Ethylbenzene
Concen: 9.075 ug/L
RT: 8.953 min Scan# 2461
Delta R.T. 0.000 min
Lab File: VV030579.D
Acq: 17 Apr 2023 10:51

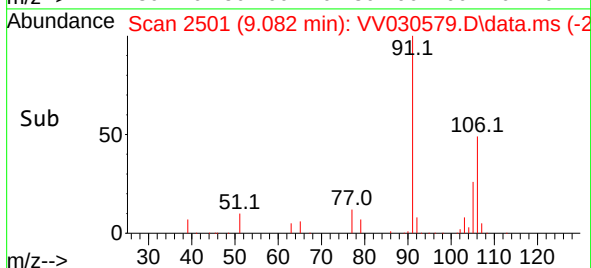
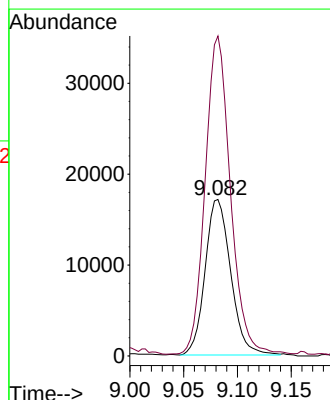
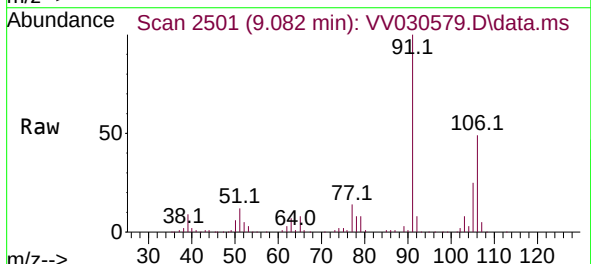
Instrument :
MSVOA_V
ClientSampleId :
VSTD010216

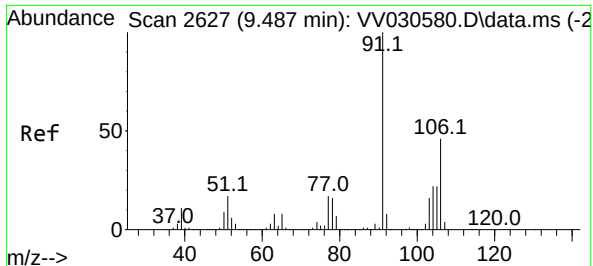
Tgt Ion: 91 Resp: 75959
Ion Ratio Lower Upper
91 100
106 31.6 21.8 40.4



#53
m,p-Xylene
Concen: 8.972 ug/L
RT: 9.082 min Scan# 2501
Delta R.T. 0.000 min
Lab File: VV030579.D
Acq: 17 Apr 2023 10:51

Tgt Ion: 106 Resp: 28366
Ion Ratio Lower Upper
106 100
91 204.4 144.7 268.7

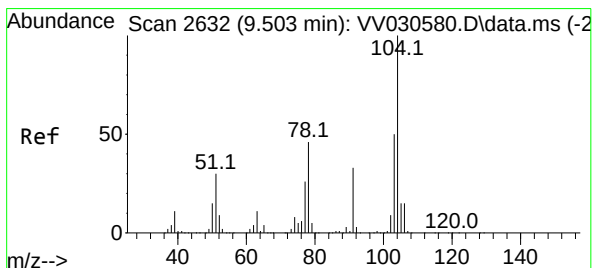
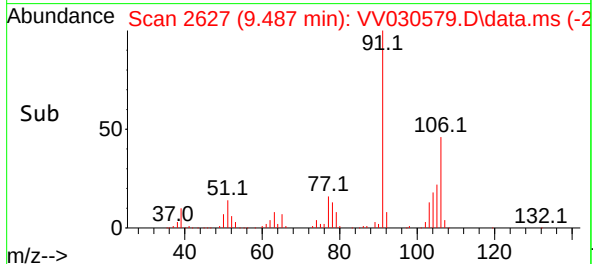
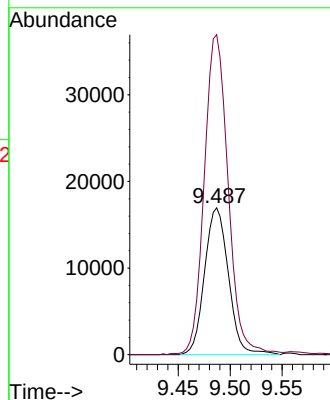
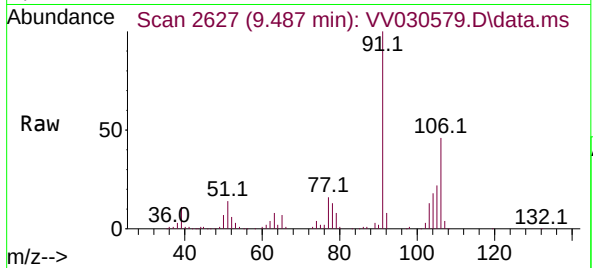




#54
o-Xylene
Concen: 8.758 ug/L
RT: 9.487 min Scan# 2627
Delta R.T. 0.000 min
Lab File: VV030579.D
Acq: 17 Apr 2023 10:51

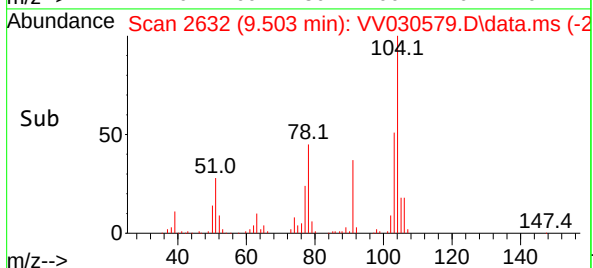
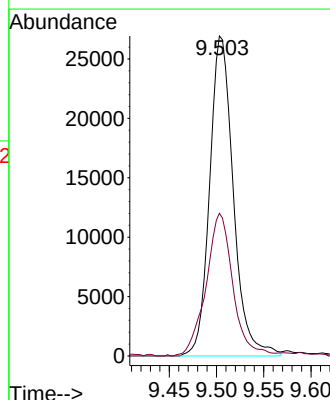
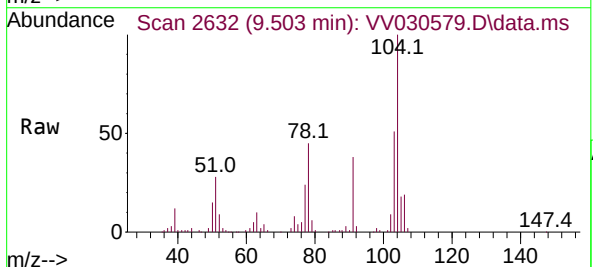
Instrument :
MSVOA_V
ClientSampleId :
VSTD010216

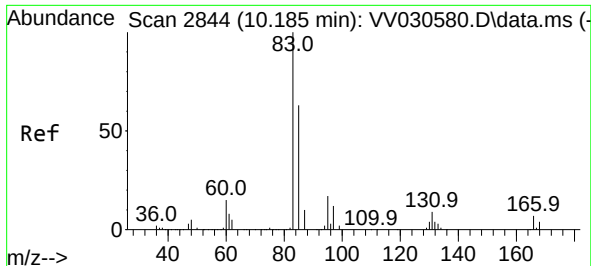
Tgt Ion:106 Resp: 27090
Ion Ratio Lower Upper
106 100
91 217.9 152.6 283.4



#55
Styrene
Concen: 8.646 ug/L
RT: 9.503 min Scan# 2632
Delta R.T. 0.000 min
Lab File: VV030579.D
Acq: 17 Apr 2023 10:51

Tgt Ion:104 Resp: 46974
Ion Ratio Lower Upper
104 100
78 44.6 32.3 59.9

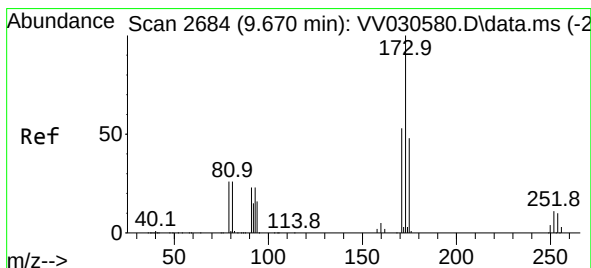
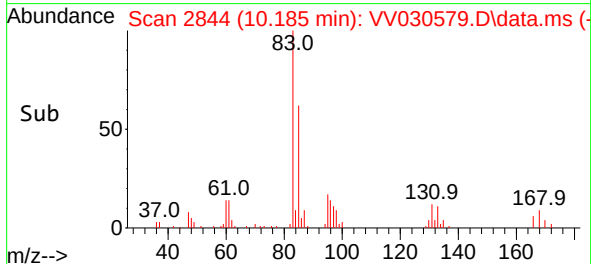
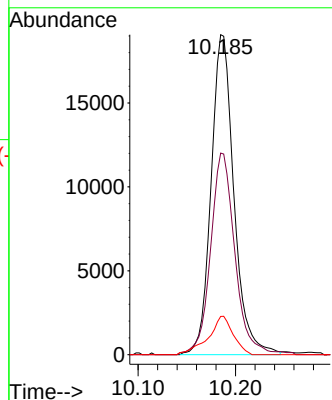
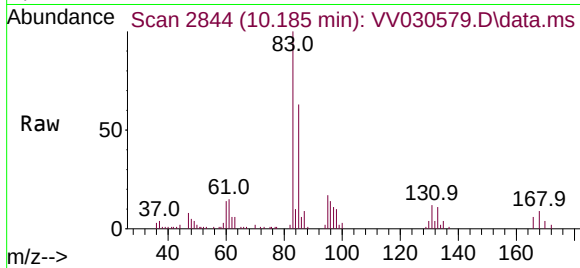




#57
1,1,2,2-Tetrachloroethane
Concen: 9.936 ug/L
RT: 10.185 min Scan# 2844
Delta R.T. 0.000 min
Lab File: VV030579.D
Acq: 17 Apr 2023 10:51

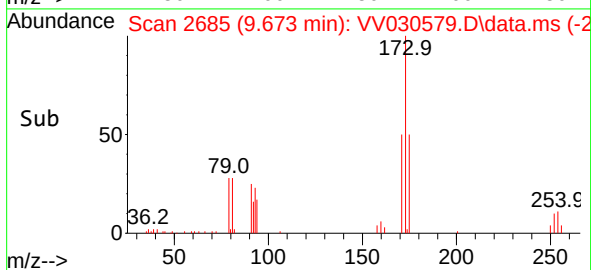
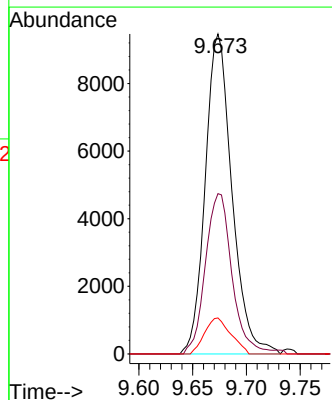
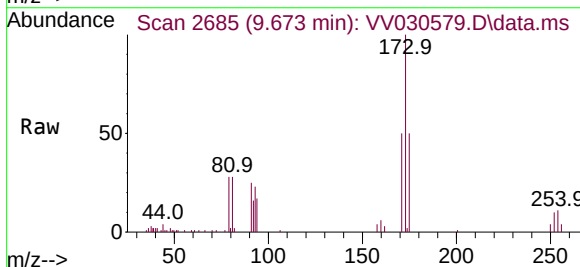
Instrument :
MSVOA_V
ClientSampleId :
VSTD010216

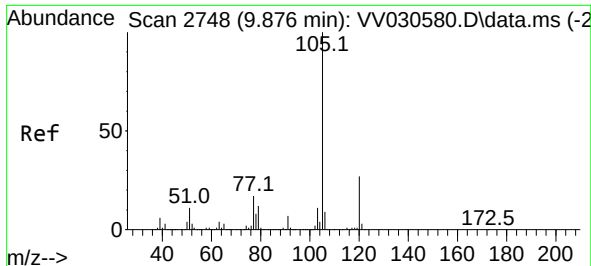
Tgt Ion: 83 Resp: 31080
Ion Ratio Lower Upper
83 100
85 63.0 45.1 83.7
131 12.0 8.0 12.0



#59
Bromoform
Concen: 10.280 ug/L
RT: 9.673 min Scan# 2685
Delta R.T. 0.003 min
Lab File: VV030579.D
Acq: 17 Apr 2023 10:51

Tgt Ion: 173 Resp: 16347
Ion Ratio Lower Upper
173 100
175 49.8 38.8 58.2
254 11.0 8.2 12.4

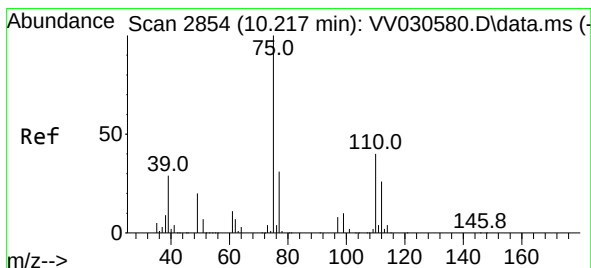
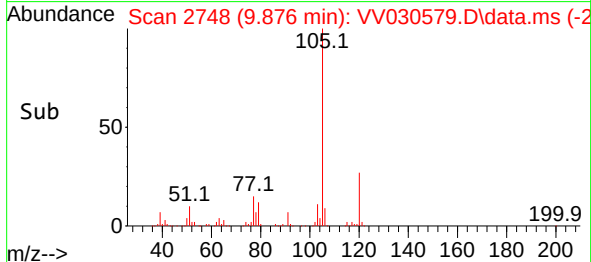
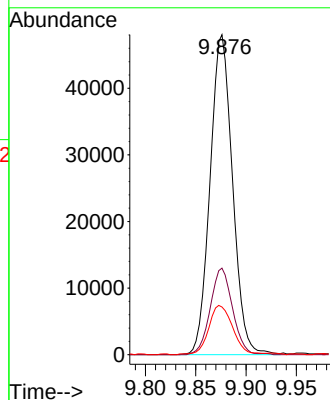
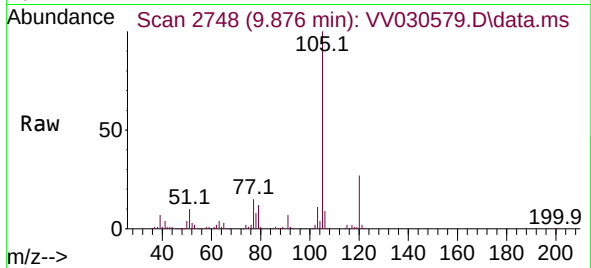




#60
Isopropylbenzene
Concen: 9.439 ug/L
RT: 9.876 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV030579.D
Acq: 17 Apr 2023 10:51

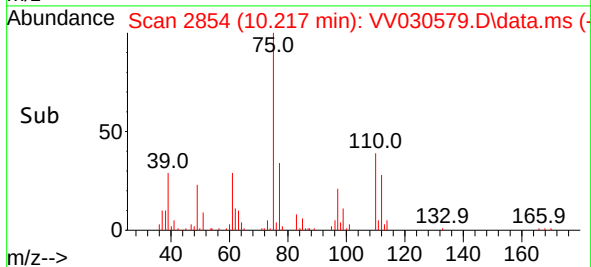
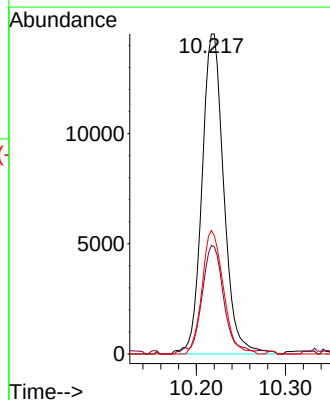
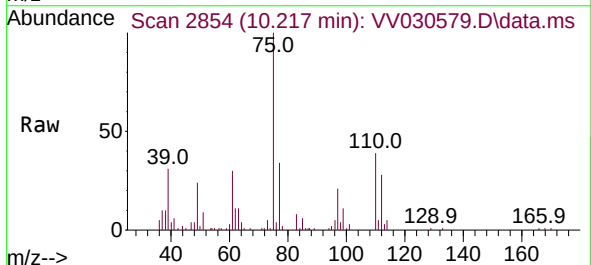
Instrument :
MSVOA_V
ClientSampleId :
VSTD010216

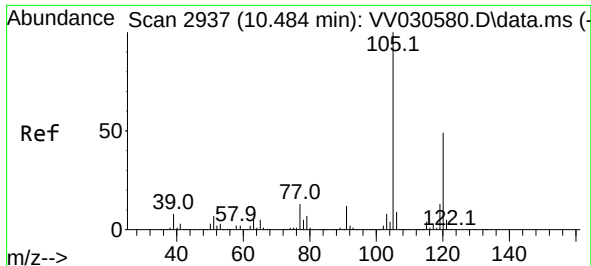
Tgt Ion:105 Resp: 74770
Ion Ratio Lower Upper
105 100
120 26.7 20.9 31.3
77 16.5 13.0 19.6



#61
1,2,3-Trichloropropane
Concen: 10.822 ug/L
RT: 10.217 min Scan# 2854
Delta R.T. 0.000 min
Lab File: VV030579.D
Acq: 17 Apr 2023 10:51

Tgt Ion: 75 Resp: 24620
Ion Ratio Lower Upper
75 100
77 31.0 25.7 38.5
110 37.5 32.8 49.2

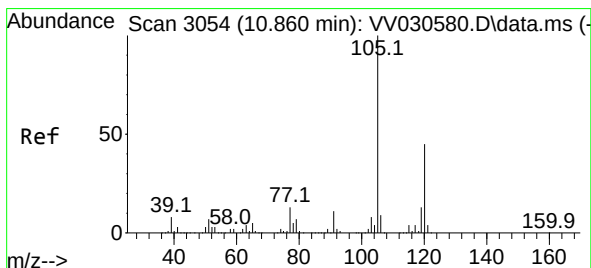
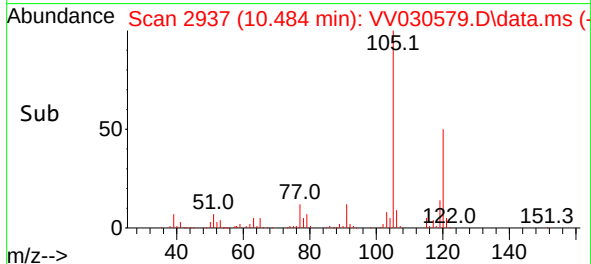
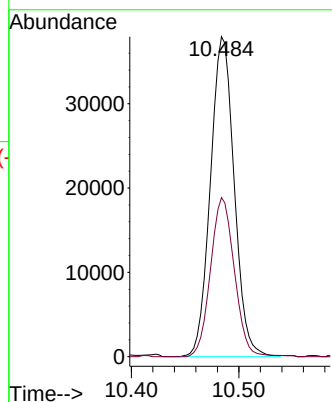
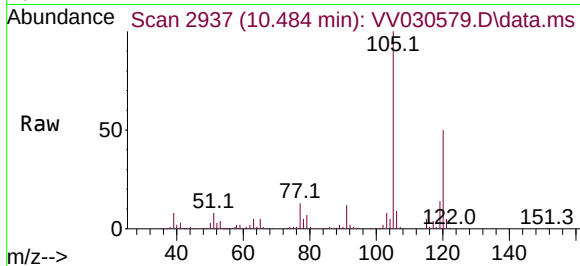




#62
 1,3,5-Trimethylbenzene
 Concen: 8.959 ug/L
 RT: 10.484 min Scan# 2937
 Delta R.T. 0.000 min
 Lab File: VV030579.D
 Acq: 17 Apr 2023 10:51

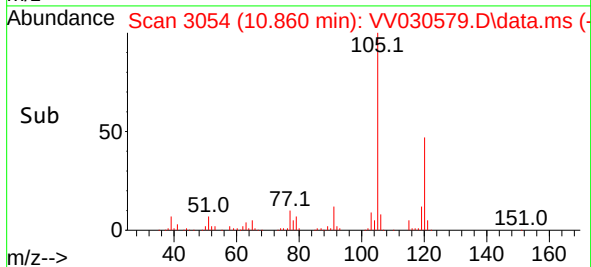
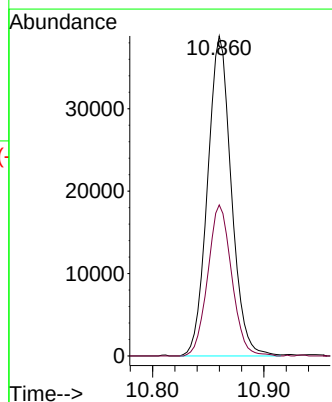
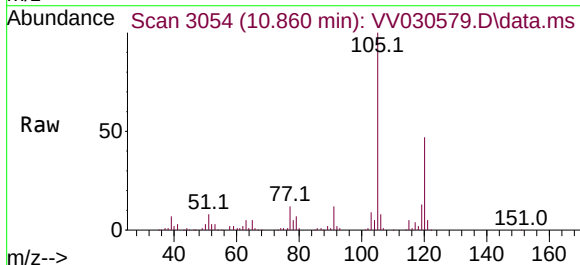
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD010216

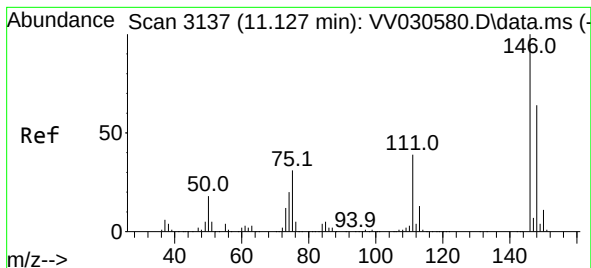
Tgt Ion:105 Resp: 58428
 Ion Ratio Lower Upper
 105 100
 120 49.6 39.2 58.8



#63
 1,2,4-Trimethylbenzene
 Concen: 8.842 ug/L
 RT: 10.860 min Scan# 3054
 Delta R.T. 0.000 min
 Lab File: VV030579.D
 Acq: 17 Apr 2023 10:51

Tgt Ion:105 Resp: 57582
 Ion Ratio Lower Upper
 105 100
 120 47.4 36.2 54.4





#64

1,3-Dichlorobenzene

Concen: 9.826 ug/L

RT: 11.127 min Scan# 3137

Delta R.T. 0.000 min

Lab File: VV030579.D

Acq: 17 Apr 2023 10:51

Instrument :

MSVOA_V

ClientSampleId :

VSTD010216

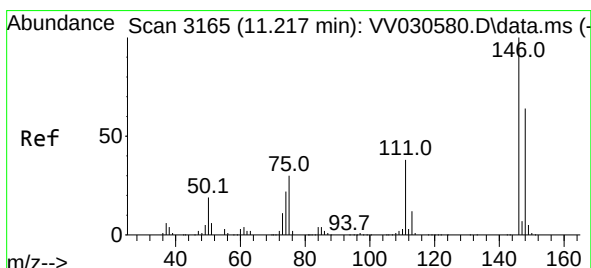
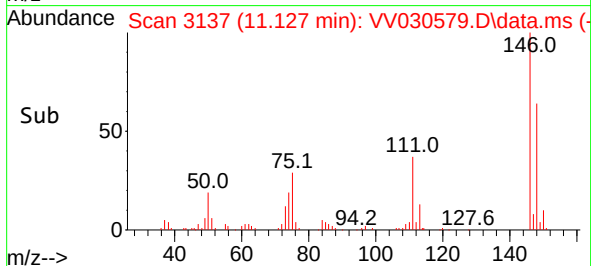
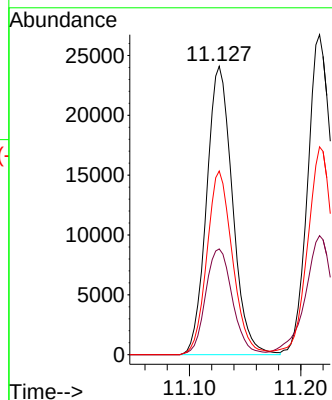
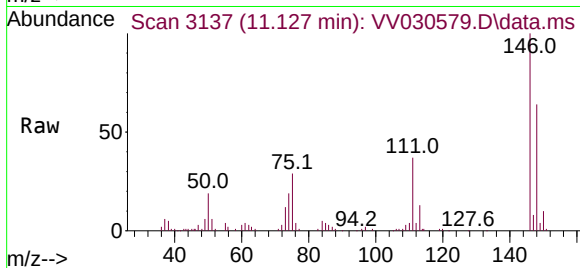
Tgt Ion:146 Resp: 38968

Ion Ratio Lower Upper

146 100

111 36.6 27.0 50.2

148 63.6 44.8 83.2



#65

1,4-Dichlorobenzene

Concen: 10.230 ug/L

RT: 11.217 min Scan# 3165

Delta R.T. 0.000 min

Lab File: VV030579.D

Acq: 17 Apr 2023 10:51

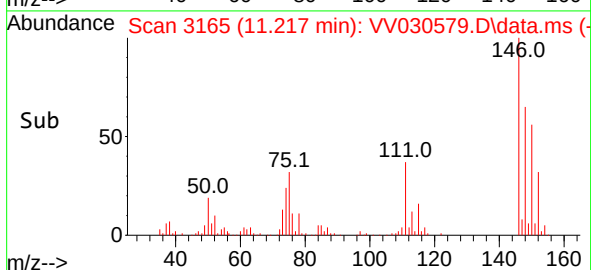
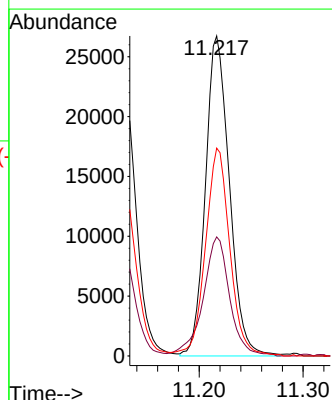
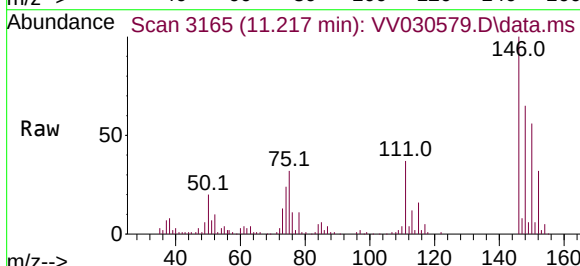
Tgt Ion:146 Resp: 42783

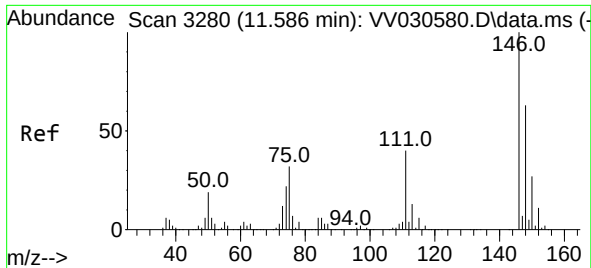
Ion Ratio Lower Upper

146 100

111 37.2 26.5 49.1

148 64.9 44.7 83.1

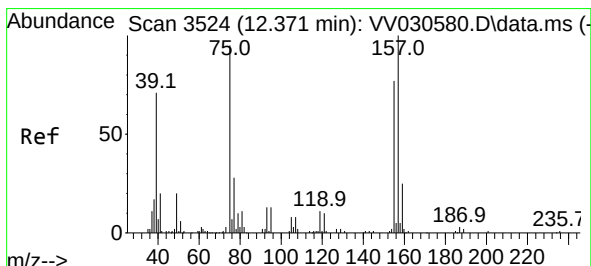
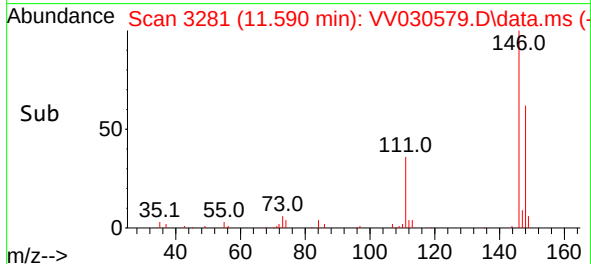
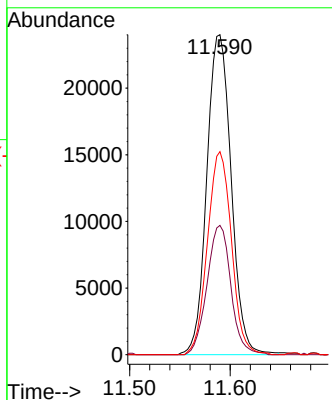
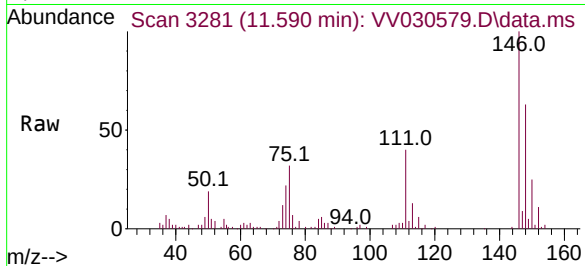




#67
1,2-Dichlorobenzene
Concen: 10.120 ug/L
RT: 11.590 min Scan# 31
Delta R.T. 0.003 min
Lab File: VV030579.D
Acq: 17 Apr 2023 10:51

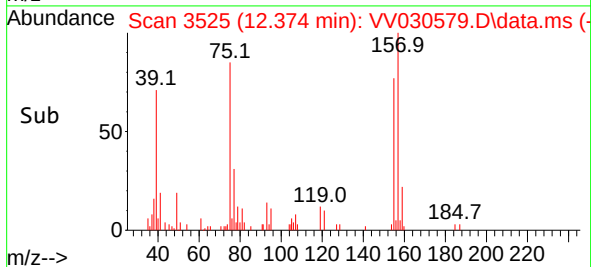
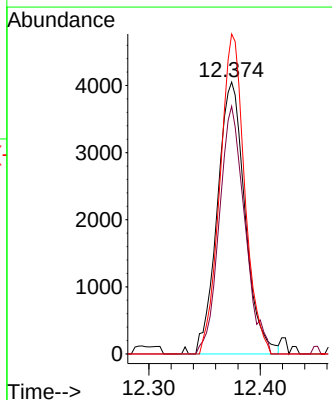
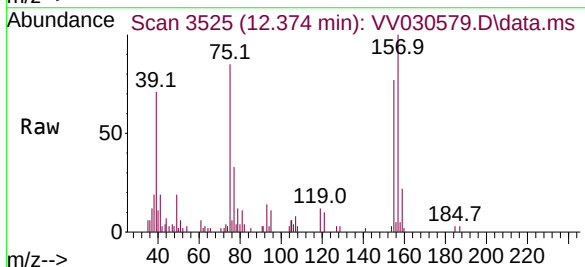
Instrument :
MSVOA_V
ClientSampleId :
VSTD010216

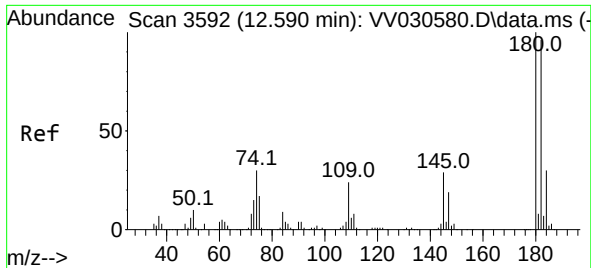
Tgt Ion:146 Resp: 40488
Ion Ratio Lower Upper
146 100
111 40.4 32.0 48.0
148 63.4 50.6 76.0



#68
1,2-Dibromo-3-chloropropane
Concen: 10.394 ug/L
RT: 12.374 min Scan# 3525
Delta R.T. 0.003 min
Lab File: VV030579.D
Acq: 17 Apr 2023 10:51

Tgt Ion: 75 Resp: 6995
Ion Ratio Lower Upper
75 100
155 91.1 65.0 97.6
157 117.7 84.4 126.6

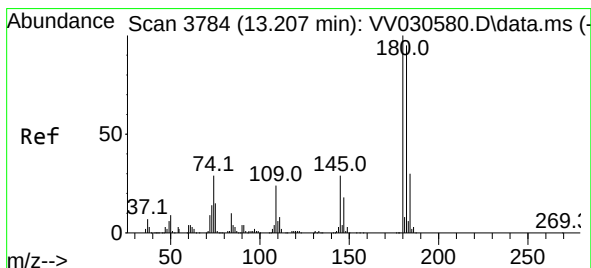
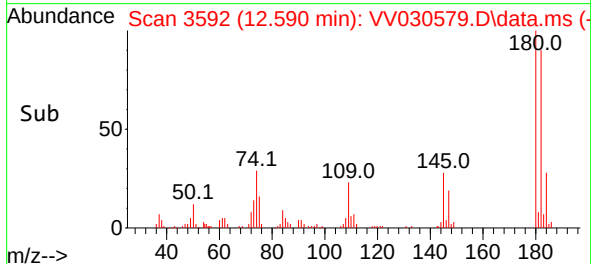
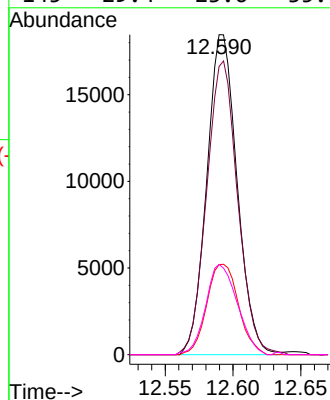
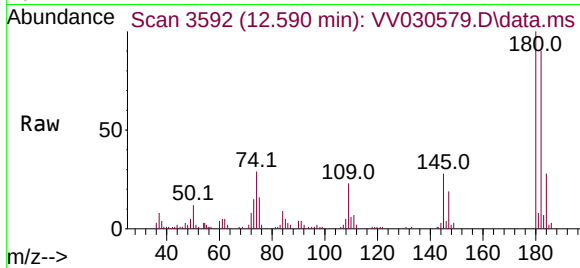




#69
 1,3,5-Trichlorobenzene
 Concen: 9.598 ug/L
 RT: 12.590 min Scan# 3592
 Delta R.T. 0.000 min
 Lab File: VV030579.D
 Acq: 17 Apr 2023 10:51

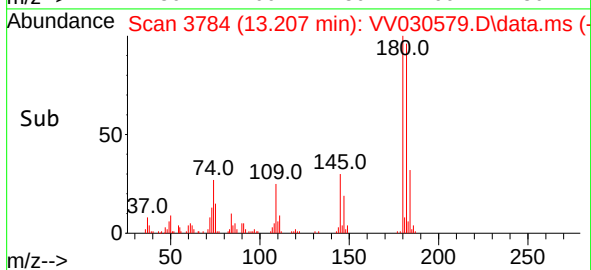
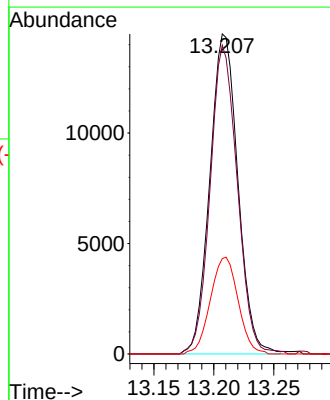
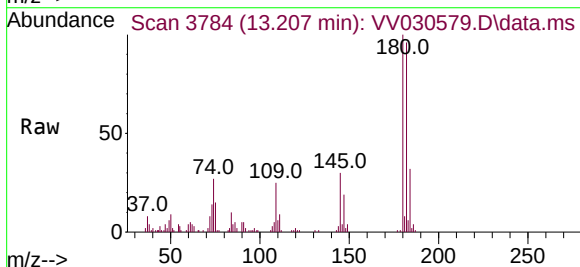
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD010216

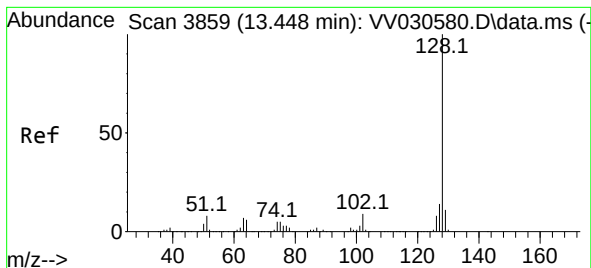
Tgt Ion:180	Resp:	28753
Ion Ratio	Lower	Upper
180	100	
182	93.7	76.4 114.6
184	29.4	24.1 36.1
145	29.4	23.6 35.4



#70
 1,2,4-trichlorobenzene
 Concen: 9.265 ug/L
 RT: 13.207 min Scan# 3784
 Delta R.T. 0.000 min
 Lab File: VV030579.D
 Acq: 17 Apr 2023 10:51

Tgt Ion:180	Resp:	23568
Ion Ratio	Lower	Upper
180	100	
182	93.3	75.9 113.9
145	29.8	23.4 35.2





#71

Naphthalene

Concen: 8.685 ug/L

RT: 13.448 min Scan# 3859

Delta R.T. 0.000 min

Lab File: VV030579.D

Acq: 17 Apr 2023 10:51

Instrument :

MSVOA_V

ClientSampleId :

VSTD010216

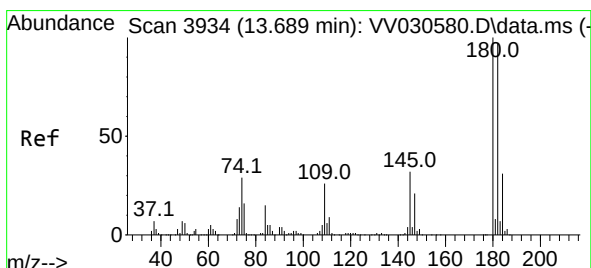
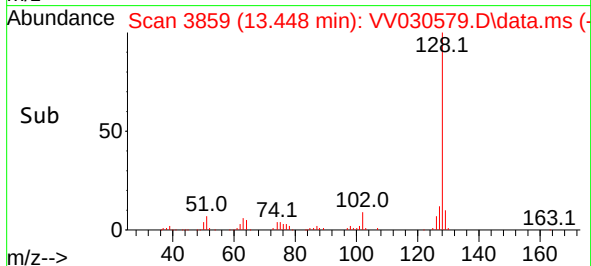
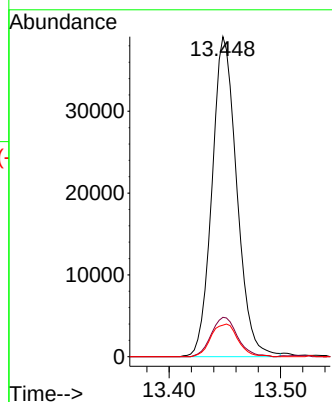
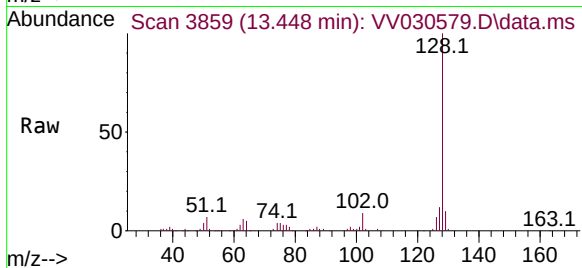
Tgt Ion:128 Resp: 60433

Ion Ratio Lower Upper

128 100

127 13.0 10.7 16.1

129 11.1 8.6 13.0



#72

1,2,3-Trichlorobenzene

Concen: 8.988 ug/L

RT: 13.689 min Scan# 3934

Delta R.T. 0.000 min

Lab File: VV030579.D

Acq: 17 Apr 2023 10:51

Tgt Ion:180 Resp: 22670

Ion Ratio Lower Upper

180 100

182 95.8 76.2 114.4

145 31.7 25.1 37.7

