

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW032323\
 Data File : VW030300.D
 Acq On : 23 Mar 2023 10:08
 Operator : SY/MD
 Sample : VSTD00129
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD001229

Quant Time: Mar 24 02:22:22 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR032323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Mar 24 02:21:21 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.545	114	126294	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	123768	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	63393	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	8173	0.977	ug/L	0.00
7) Chloroethane-d5	1.535	69	8155	1.005	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.063	63	20207	1.018	ug/L	0.00
20) 2-Butanone-d5	3.883	46	12963	6.308	ug/L	0.04
24) Chloroform-d	4.265	84	20258	1.001	ug/L	0.00
26) 1,2-Dichloroethane-d4	4.960	65	9412	0.985	ug/L	0.00
32) Benzene-d6	4.973	84	33026	0.947	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.002	67	10956	1.003	ug/L	0.00
41) Toluene-d8	7.255	98	29387	0.918	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.564	79	3989	0.970	ug/L	0.00
46) 2-Hexanone-d5	8.043	63	13420	8.124	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.162	84	8448	0.982	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.570	152	10722	0.946	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.108	85	16338	1.018	ug/L	99
3) Chloromethane	1.217	50	20261	1.000	ug/L	99
5) Vinyl chloride	1.285	62	14152	0.958	ug/L	100
6) Bromomethane	1.490	94	4125	0.979	ug/L	97
8) Chloroethane	1.552	64	8459	1.000	ug/L	97
9) Trichlorofluoromethane	1.716	101	21781	1.012	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.072	101	12085	1.017	ug/L	95
12) 1,1-Dichloroethene	2.072	96	10797	1.023	ug/L	91
13) Acetone	2.175	43	5502	2.775	ug/L	74
14) Carbon disulfide	2.246	76	33702	0.970	ug/L	98
15) Methyl Acetate	2.404	43	1438	0.421	ug/L #	59
16) Methylene chloride	2.452	84	13850	1.110	ug/L	99
17) Methyl tert-butyl Ether	2.719	73	20217	0.905	ug/L	95
18) trans-1,2-Dichloroethene	2.703	96	10445	0.940	ug/L	98
19) 1,1-Dichloroethane	3.124	63	21020	0.975	ug/L	98
21) 2-Butanone	3.960	43	13641	5.482	ug/L #	72
22) cis-1,2-Dichloroethene	3.834	96	10018	0.898	ug/L	98
23) Bromochloromethane	4.166	128	4755	0.913	ug/L	99
25) Chloroform	4.294	83	21546	0.989	ug/L	99
27) 1,2-Dichloroethane	5.059	62	12214	0.928	ug/L	99
29) 1,1,1-Trichloroethane	4.526	97	19582	0.984	ug/L	98
30) Cyclohexane	4.590	56	15874	0.876	ug/L	97
31) Carbon tetrachloride	4.748	117	18044	1.000	ug/L	98
33) Benzene	5.021	78	41248	0.938	ug/L	100
34) Trichloroethene	5.847	95	11787	0.994	ug/L	97
35) Methylcyclohexane	6.059	83	16401	0.881	ug/L	95
37) 1,2-Dichloropropane	6.104	63	10512	0.931	ug/L #	94
38) Bromodichloromethane	6.448	83	13875	0.939	ug/L	100
39) cis-1,3-Dichloropropene	6.966	75	14604	0.920	ug/L	95
40) 4-Methyl-2-pentanone	7.175	43	50173	8.437	ug/L	98
42) Toluene	7.326	91	42194	0.901	ug/L	96
44) trans-1,3-Dichloropropene	7.596	75	12227	0.905	ug/L	98

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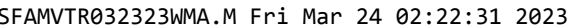
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD001229

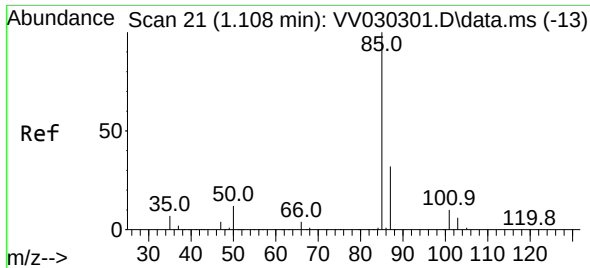
Quant Time: Mar 24 02:22:22 2023
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 Quant Title : TRACE VOA SFAM1.0
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.783	97	7960	1.002	ug/L	94
47) Tetrachloroethene	7.915	164	10152	0.970	ug/L	96
48) 2-Hexanone	8.095	43	35210	7.901	ug/L	95
49) Dibromochloromethane	8.188	129	8825	0.933	ug/L	99
50) 1,2-Dibromoethane	8.294	107	7031	0.973	ug/L #	89
51) Chlorobenzene	8.821	112	27385	0.913	ug/L	95
52) Ethylbenzene	8.956	91	43704	0.853	ug/L	100
53) m,p-Xylene	9.082	106	16620	0.848	ug/L	96
54) o-Xylene	9.487	106	16229	0.865	ug/L	94
55) Styrene	9.506	104	25266	0.793	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.188	83	9083	0.963	ug/L	95
59) Bromoform	9.677	173	5304	1.035	ug/L	96
60) Isopropylbenzene	9.876	105	42810	0.916	ug/L	98
61) 1,2,3-Trichloropropane	10.220	75	6014	1.061	ug/L	95
62) 1,3,5-Trimethylbenzene	10.484	105	33634	0.882	ug/L	97
63) 1,2,4-Trimethylbenzene	10.860	105	33018	0.849	ug/L	99
64) 1,3-Dichlorobenzene	11.127	146	21737	0.932	ug/L	93
65) 1,4-Dichlorobenzene	11.220	146	22724	0.968	ug/L	97
67) 1,2-Dichlorobenzene	11.590	146	19474	0.927	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.374	75	1410	1.000	ug/L	86
69) 1,3,5-Trichlorobenzene	12.593	180	17557	0.978	ug/L	99
70) 1,2,4-trichlorobenzene	13.207	180	12772	0.922	ug/L	97
71) Naphthalene	13.448	128	17890	0.904	ug/L	99
72) 1,2,3-Trichlorobenzene	13.689	180	10939	0.911	ug/L	99

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

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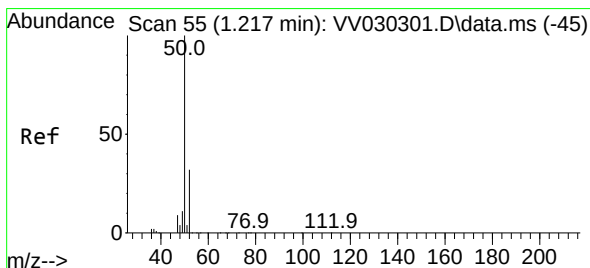
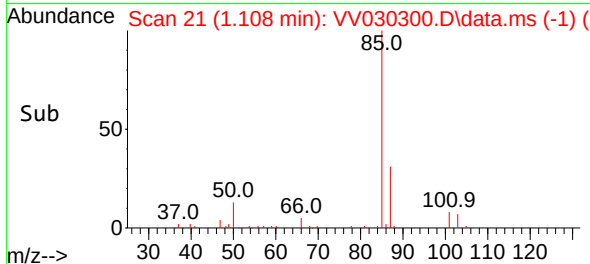
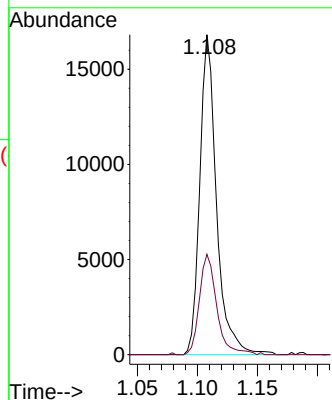
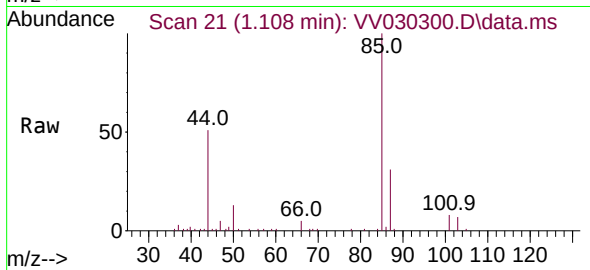




#2
 Dichlorodifluoromethane
 Concen: 1.018 ug/L
 RT: 1.108 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VV030300.D
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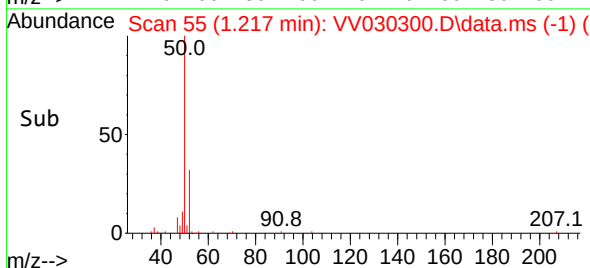
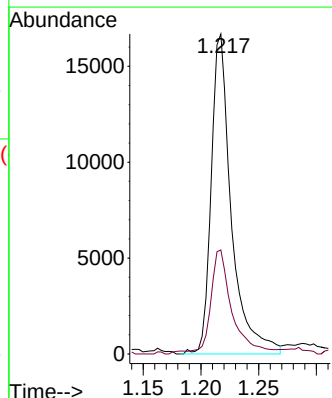
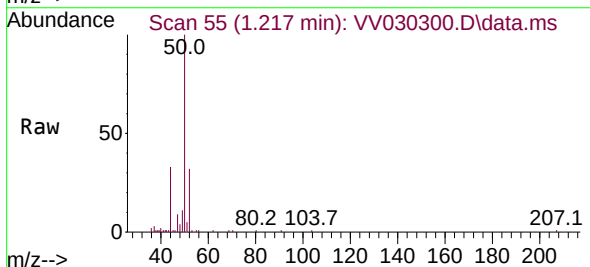
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD001229

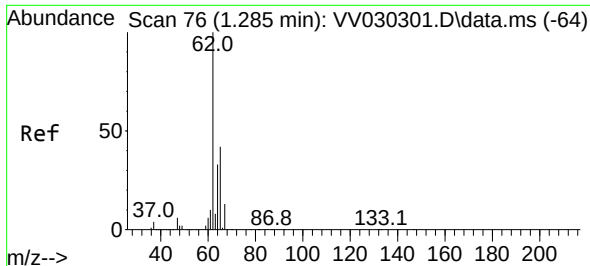
Tgt Ion: 85 Resp: 16338
 Ion Ratio Lower Upper
 85 100
 87 32.7 25.6 38.4



#3
 Chloromethane
 Concen: 1.000 ug/L
 RT: 1.217 min Scan# 55
 Delta R.T. -0.000 min
 Lab File: VV030300.D
 Acq: 23 Mar 2023 10:08

Tgt Ion: 50 Resp: 20261
 Ion Ratio Lower Upper
 50 100
 52 32.5 22.3 41.5

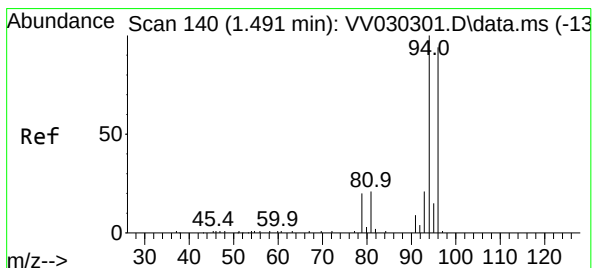
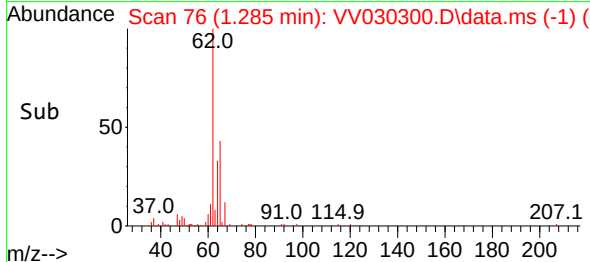
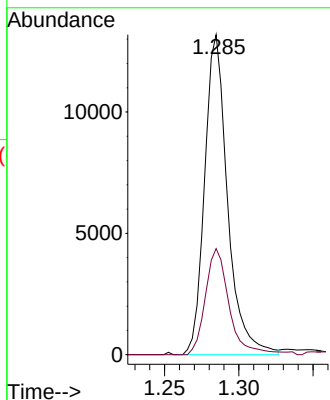
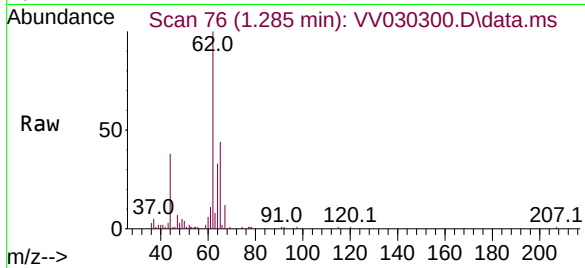




#5
 Vinyl chloride
 Concen: 0.958 ug/L
 RT: 1.285 min Scan# 76
 Delta R.T. -0.000 min
 Lab File: VV030300.D
 Acq: 23 Mar 2023 10:08

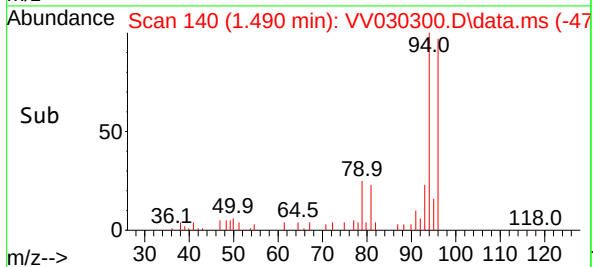
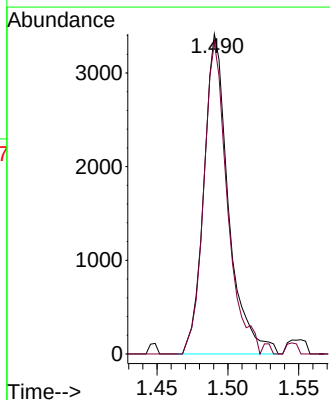
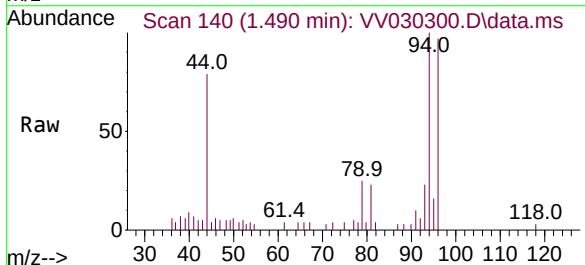
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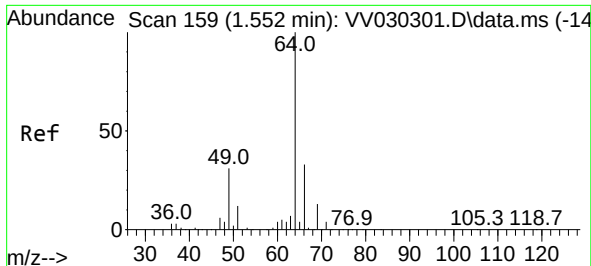
Tgt Ion: 62 Resp: 14152
 Ion Ratio Lower Upper
 62 100
 64 33.2 23.2 43.2



#6
 Bromomethane
 Concen: 0.979 ug/L
 RT: 1.490 min Scan# 140
 Delta R.T. -0.000 min
 Lab File: VV030300.D
 Acq: 23 Mar 2023 10:08

Tgt Ion: 94 Resp: 4125
 Ion Ratio Lower Upper
 94 100
 96 97.3 66.1 122.7

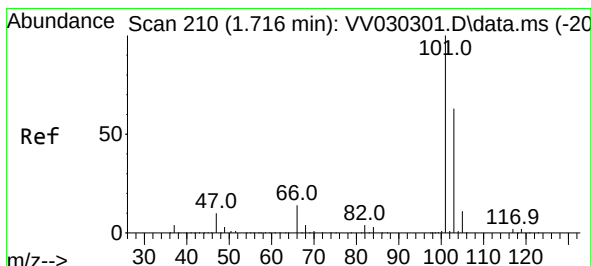
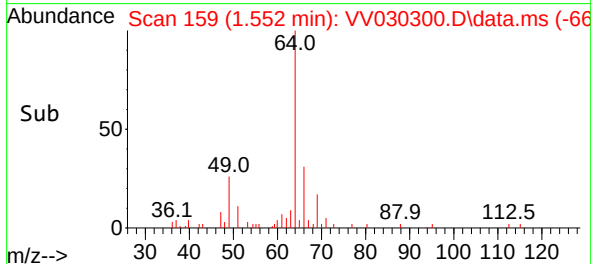
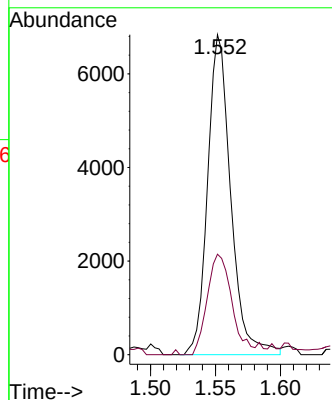
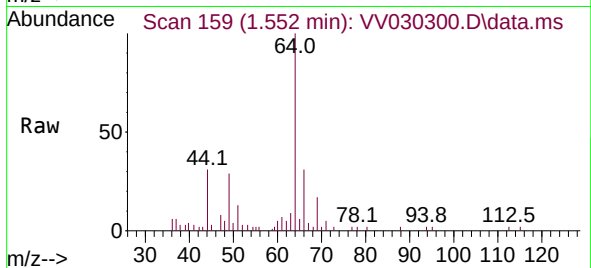




#8
Chloroethane
Concen: 1.000 ug/L
RT: 1.552 min Scan# 11
Delta R.T. -0.000 min
Lab File: VV030300.D
Acq: 23 Mar 2023 10:08

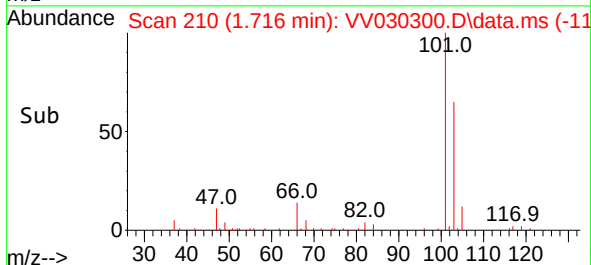
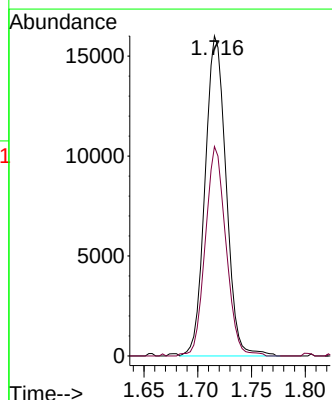
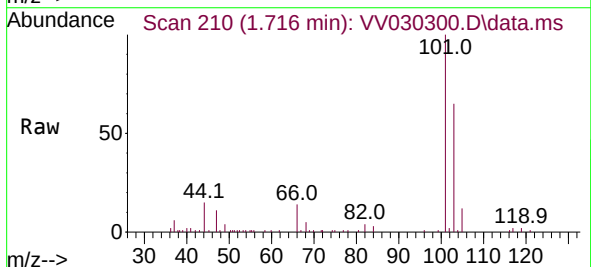
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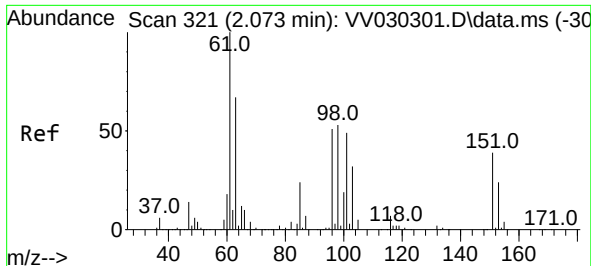
Tgt Ion: 64 Resp: 8459
Ion Ratio Lower Upper
64 100
66 31.4 23.0 42.8



#9
Trichlorofluoromethane
Concen: 1.012 ug/L
RT: 1.716 min Scan# 210
Delta R.T. -0.000 min
Lab File: VV030300.D
Acq: 23 Mar 2023 10:08

Tgt Ion:101 Resp: 21781
Ion Ratio Lower Upper
101 100
103 64.2 51.0 76.6

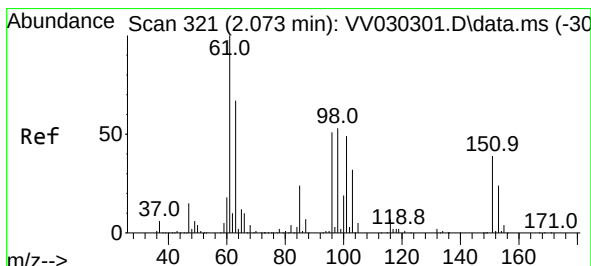
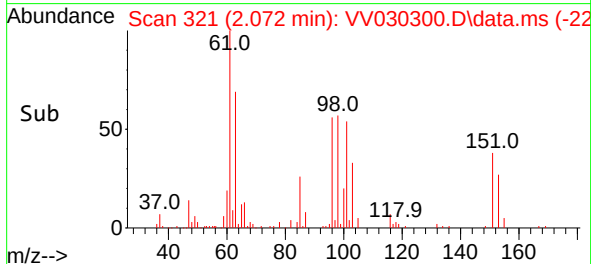
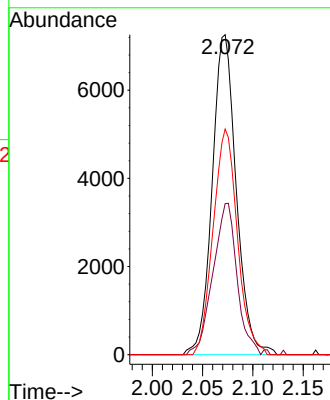
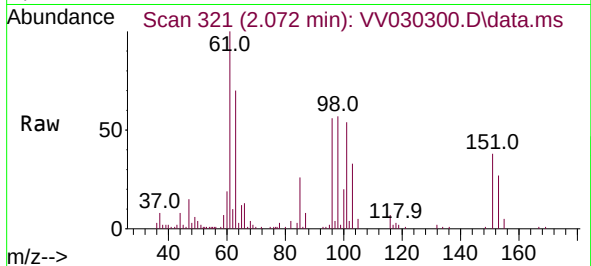




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 1.017 ug/L
RT: 2.072 min Scan# 321
Delta R.T. -0.000 min
Lab File: VV030300.D
Acq: 23 Mar 2023 10:08

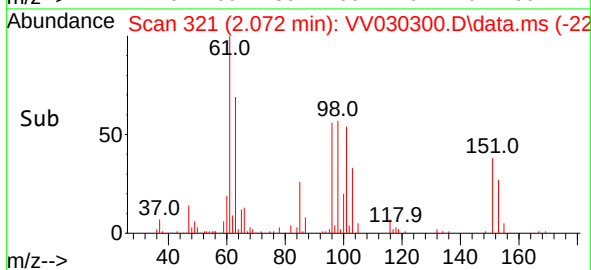
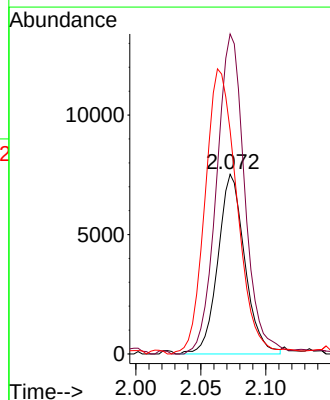
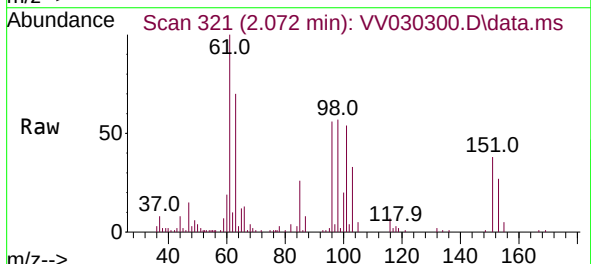
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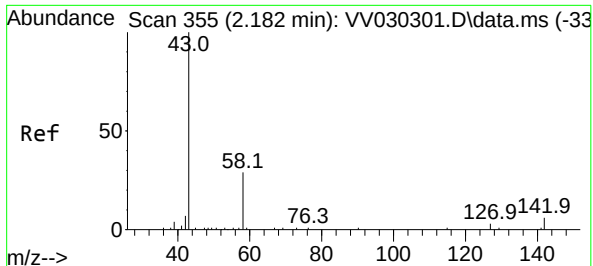
Tgt Ion:101 Resp: 12085
Ion Ratio Lower Upper
101 100
85 47.2 38.1 57.1
151 71.1 62.7 94.1



#12
1,1-Dichloroethene
Concen: 1.023 ug/L
RT: 2.072 min Scan# 321
Delta R.T. -0.000 min
Lab File: VV030300.D
Acq: 23 Mar 2023 10:08

Tgt Ion: 96 Resp: 10797
Ion Ratio Lower Upper
96 100
61 178.1 136.3 253.1
63 124.4 92.1 171.1





#13

Acetone

Concen: 2.775 ug/L

RT: 2.175 min Scan# 3

Delta R.T. -0.007 min

Lab File: VV030300.D

Acq: 23 Mar 2023 10:08

Instrument :

MSVOA_V

ClientSampleId :

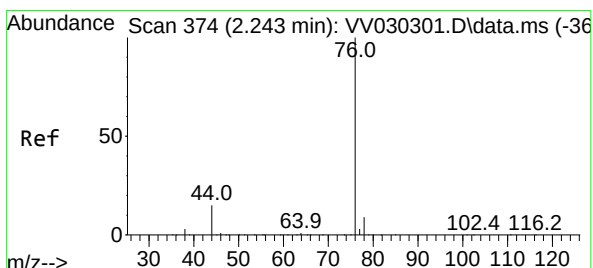
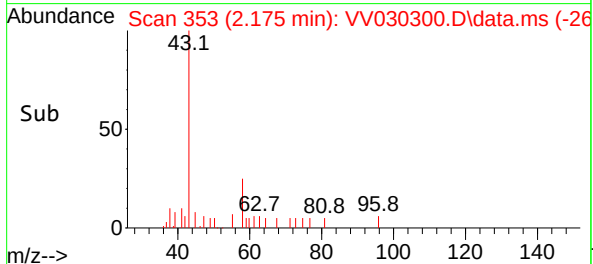
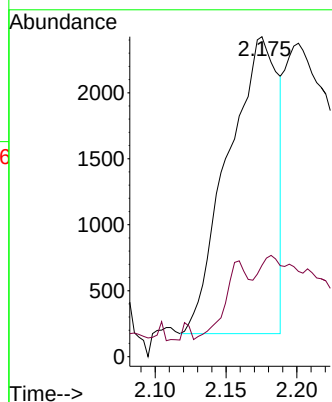
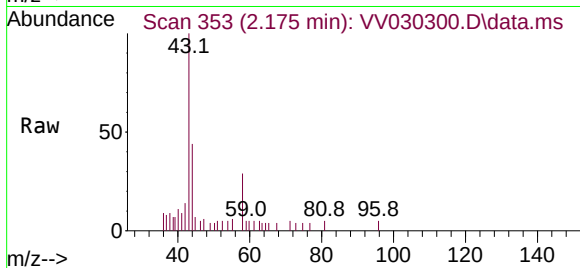
VSTD001229

Tgt Ion: 43 Resp: 5502

Ion Ratio Lower Upper

43 100

58 32.4 0.0 40.8



#14

Carbon disulfide

Concen: 0.970 ug/L

RT: 2.246 min Scan# 375

Delta R.T. 0.003 min

Lab File: VV030300.D

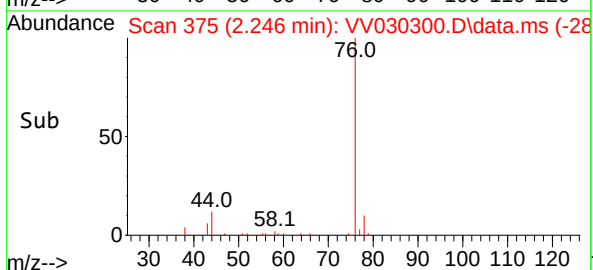
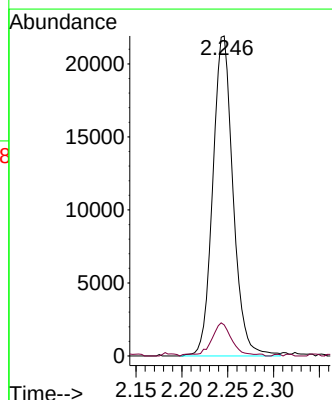
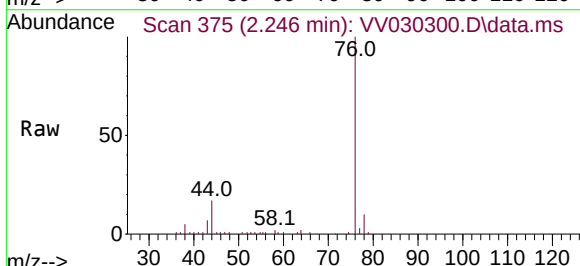
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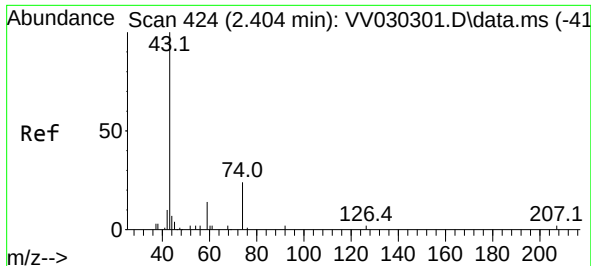
Tgt Ion: 76 Resp: 33702

Ion Ratio Lower Upper

76 100

78 9.7 7.3 10.9

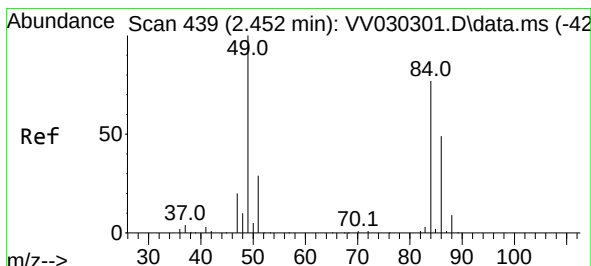
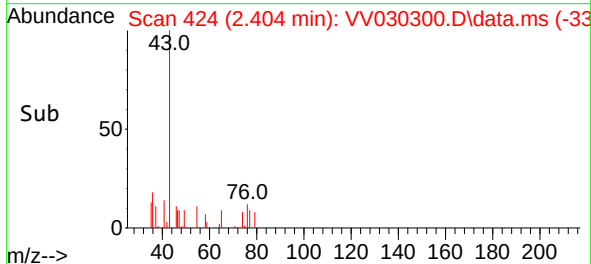
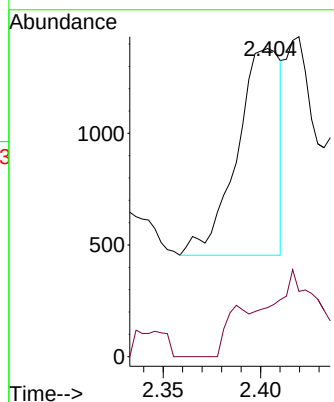
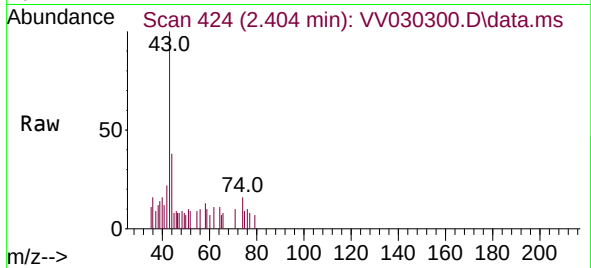




#15
Methyl Acetate
Concen: 0.421 ug/L
RT: 2.404 min Scan# 41
Delta R.T. -0.000 min
Lab File: VV030300.D
Acq: 23 Mar 2023 10:08

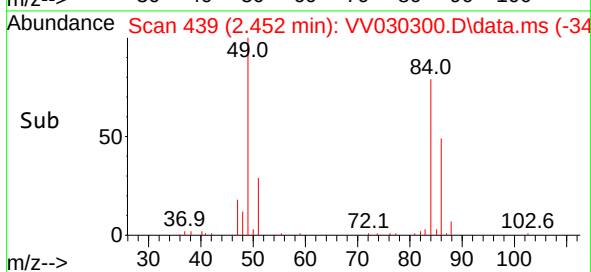
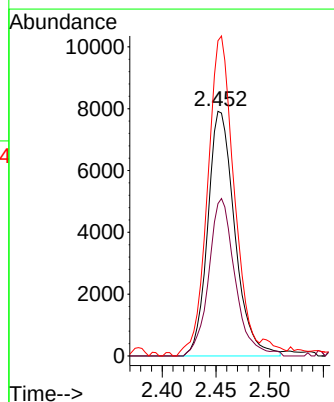
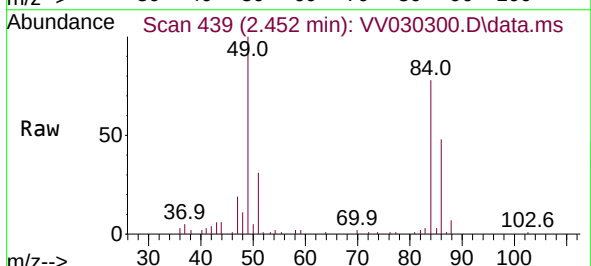
Instrument :
MSVOA_V
ClientSampleId :
VSTD001229

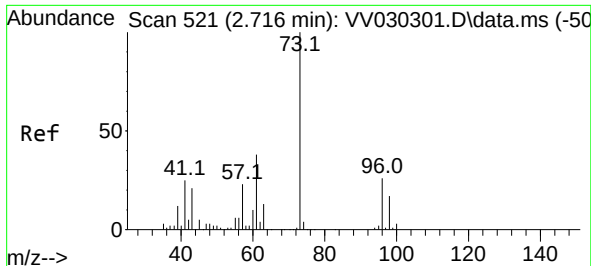
Tgt Ion: 43 Resp: 1438
Ion Ratio Lower Upper
43 100
74 49.2 22.1 33.1#



#16
Methylene chloride
Concen: 1.110 ug/L
RT: 2.452 min Scan# 439
Delta R.T. -0.000 min
Lab File: VV030300.D
Acq: 23 Mar 2023 10:08

Tgt Ion: 84 Resp: 13850
Ion Ratio Lower Upper
84 100
86 62.3 44.0 81.6
49 128.8 90.6 168.3





#17

Methyl tert-butyl Ether

Concen: 0.905 ug/L

RT: 2.719 min Scan# 517

Delta R.T. 0.003 min

Lab File: VV030300.D

Acq: 23 Mar 2023 10:08

Instrument :

MSVOA_V

ClientSampleId :

VSTD001229

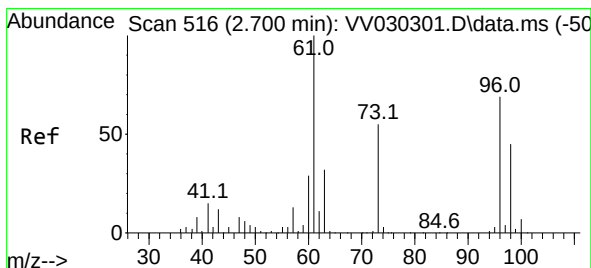
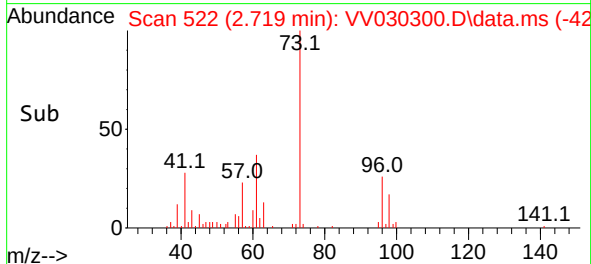
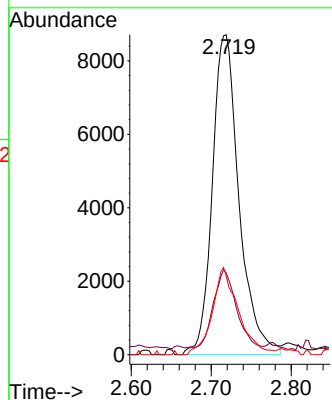
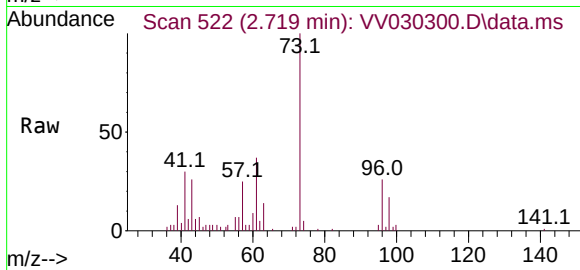
Tgt Ion: 73 Resp: 20217

Ion Ratio Lower Upper

73 100

43 20.9 17.4 26.2

57 26.7 18.3 27.5



#18

trans-1,2-Dichloroethene

Concen: 0.940 ug/L

RT: 2.703 min Scan# 517

Delta R.T. 0.003 min

Lab File: VV030300.D

Acq: 23 Mar 2023 10:08

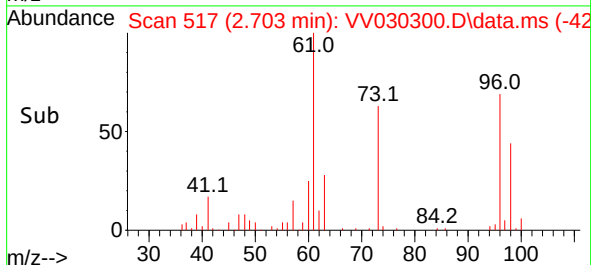
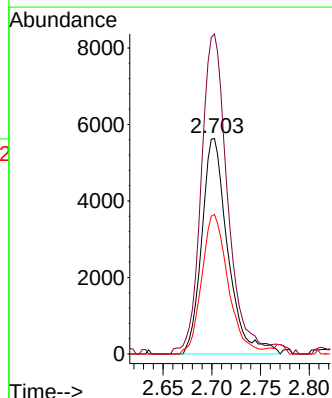
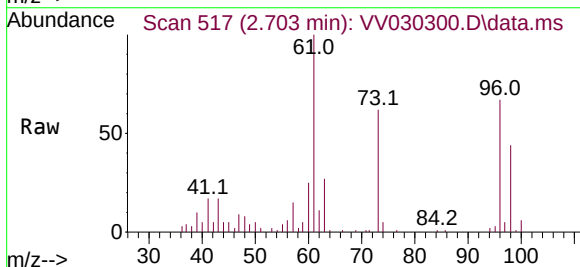
Tgt Ion: 96 Resp: 10445

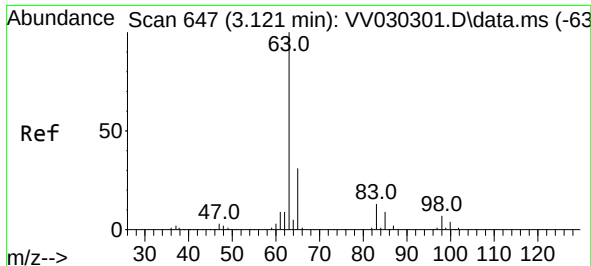
Ion Ratio Lower Upper

96 100

61 148.4 101.7 188.9

98 64.7 45.8 85.2





#19

1,1-Dichloroethane

Concen: 0.975 ug/L

RT: 3.124 min Scan# 64

Delta R.T. 0.003 min

Lab File: VV030300.D

Acq: 23 Mar 2023 10:08

Instrument :

MSVOA_V

ClientSampleId :

VSTD001229

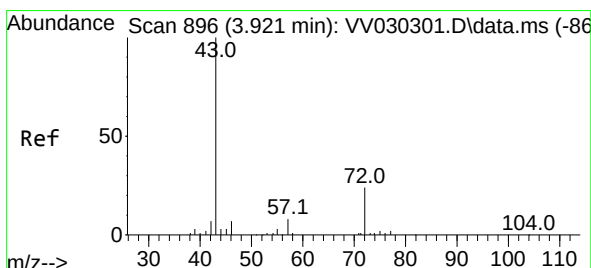
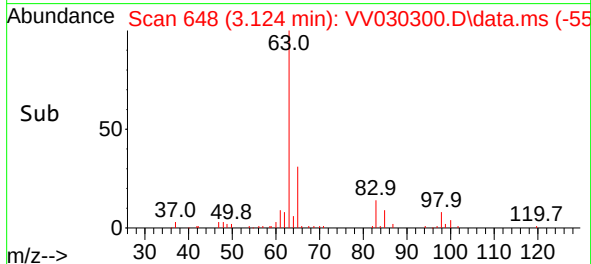
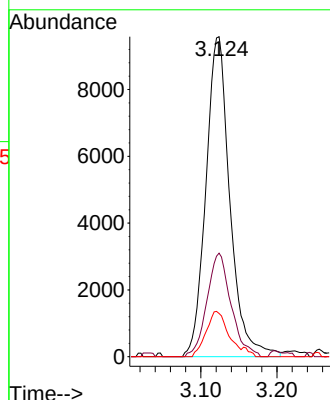
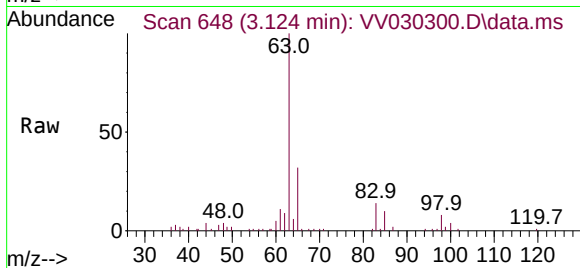
Tgt Ion: 63 Resp: 21020

Ion Ratio Lower Upper

63 100

65 32.4 21.7 40.3

83 13.5 9.1 16.9



#21

2-Butanone

Concen: 5.482 ug/L

RT: 3.960 min Scan# 908

Delta R.T. 0.038 min

Lab File: VV030300.D

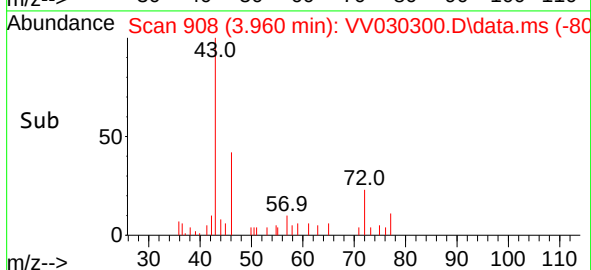
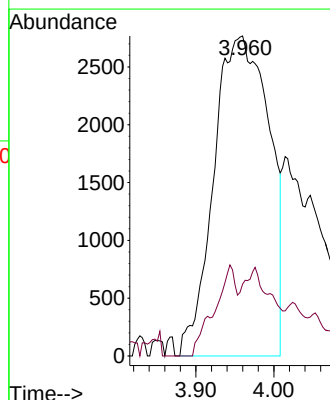
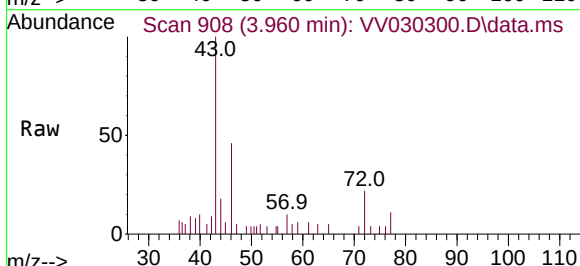
Acq: 23 Mar 2023 10:08

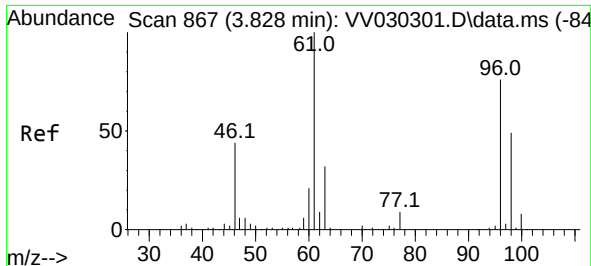
Tgt Ion: 43 Resp: 13641

Ion Ratio Lower Upper

43 100

72 9.1 11.2 33.5#

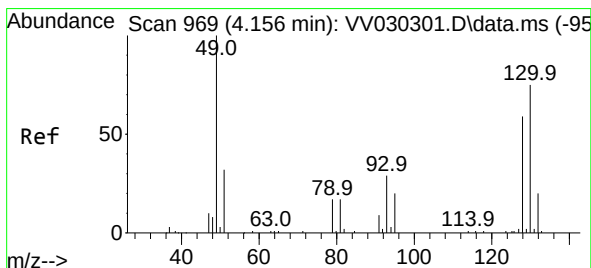
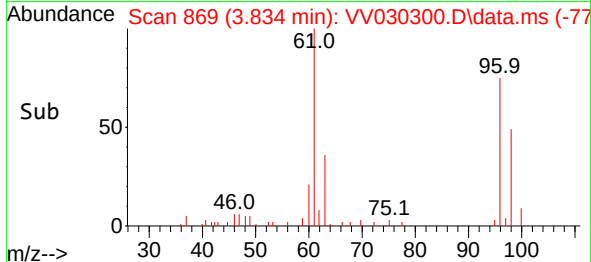
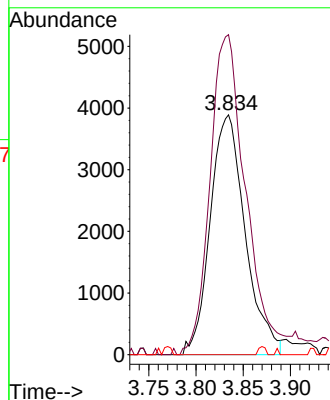
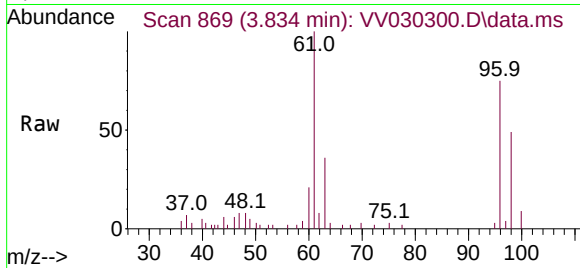




#22
 cis-1,2-Dichloroethene
 Concen: 0.898 ug/L
 RT: 3.834 min Scan# 869
 Delta R.T. 0.006 min
 Lab File: VV030300.D
 Acq: 23 Mar 2023 10:08

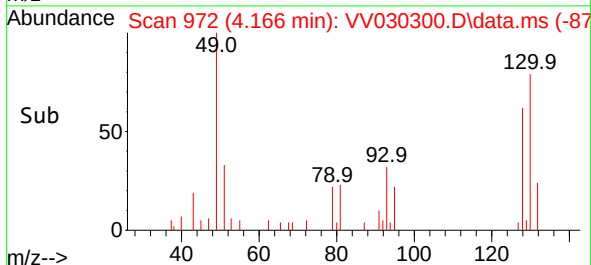
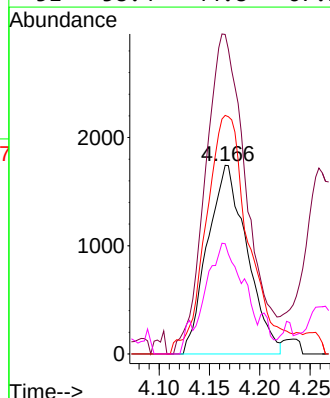
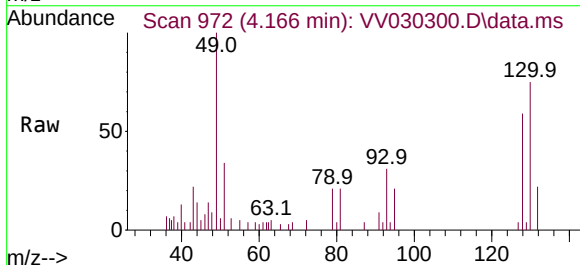
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD001229

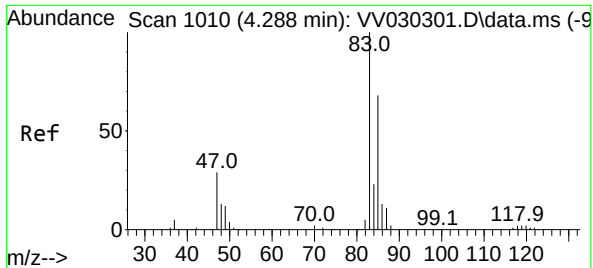
Tgt Ion: 96 Resp: 10018
 Ion Ratio Lower Upper
 96 100
 61 133.5 92.0 170.8
 68 0.0 0.0 0.0



#23
 Bromochloromethane
 Concen: 0.913 ug/L
 RT: 4.166 min Scan# 972
 Delta R.T. 0.010 min
 Lab File: VV030300.D
 Acq: 23 Mar 2023 10:08

Tgt Ion: 128 Resp: 4755
 Ion Ratio Lower Upper
 128 100
 49 169.4 119.4 221.8
 130 126.5 89.2 165.8
 51 58.4 44.8 67.2

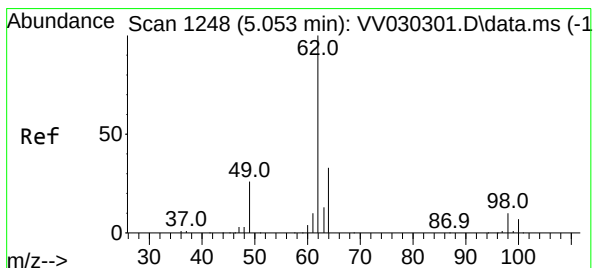
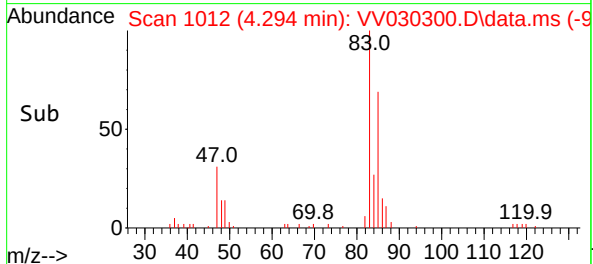
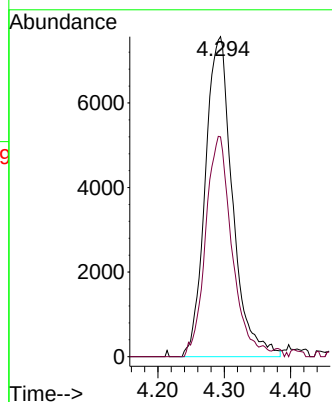
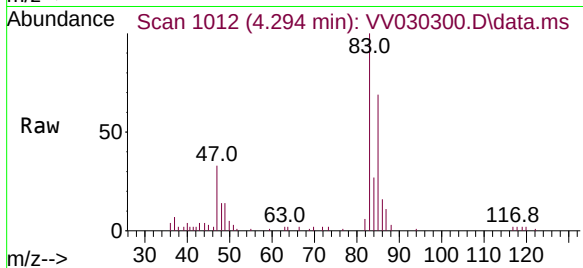




#25
Chloroform
Concen: 0.989 ug/L
RT: 4.294 min Scan# 10
Delta R.T. 0.006 min
Lab File: VV030300.D
Acq: 23 Mar 2023 10:08

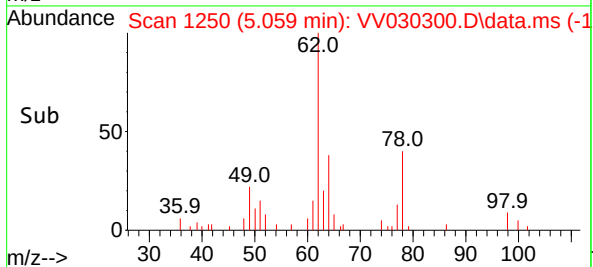
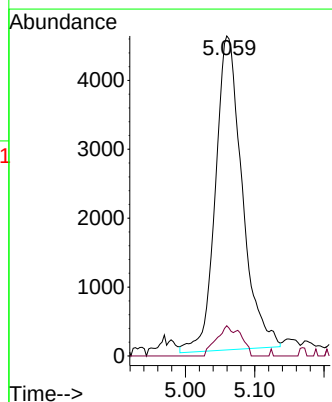
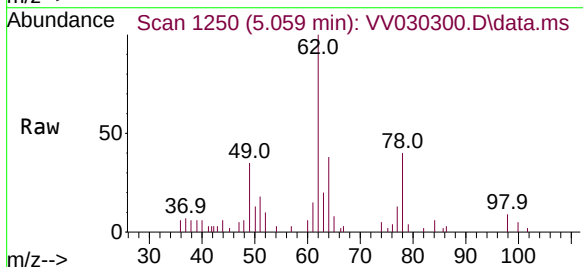
Instrument :
MSVOA_V
ClientSampleId :
VSTD001229

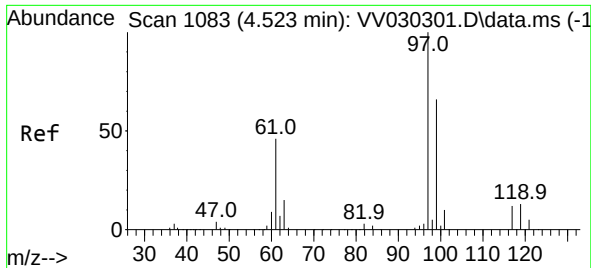
Tgt Ion: 83 Resp: 21546
Ion Ratio Lower Upper
83 100
85 68.7 47.6 88.4



#27
1,2-Dichloroethane
Concen: 0.928 ug/L
RT: 5.059 min Scan# 1250
Delta R.T. 0.006 min
Lab File: VV030300.D
Acq: 23 Mar 2023 10:08

Tgt Ion: 62 Resp: 12214
Ion Ratio Lower Upper
62 100
98 9.5 7.8 11.8





#29

1,1,1-Trichloroethane

Concen: 0.984 ug/L

RT: 4.526 min Scan# 1104

Delta R.T. 0.003 min

Lab File: VV030300.D

Acq: 23 Mar 2023 10:08

Instrument :

MSVOA_V

ClientSampleId :

VSTD001229

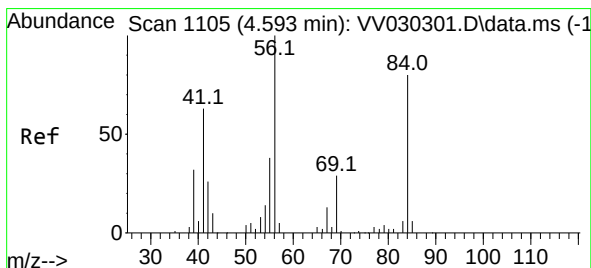
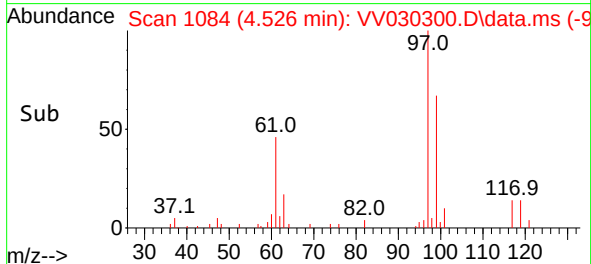
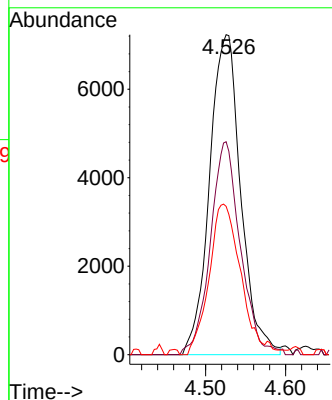
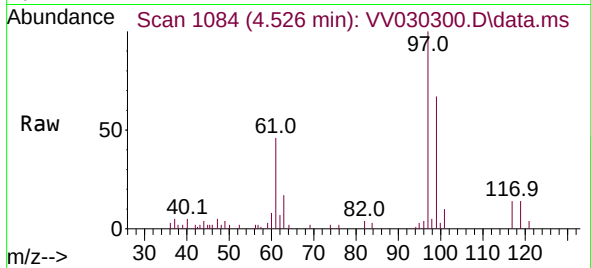
Tgt Ion: 97 Resp: 19582

Ion Ratio Lower Upper

97 100

99 64.1 50.9 76.3

61 47.0 35.9 53.9



#30

Cyclohexane

Concen: 0.876 ug/L

RT: 4.590 min Scan# 1104

Delta R.T. -0.003 min

Lab File: VV030300.D

Acq: 23 Mar 2023 10:08

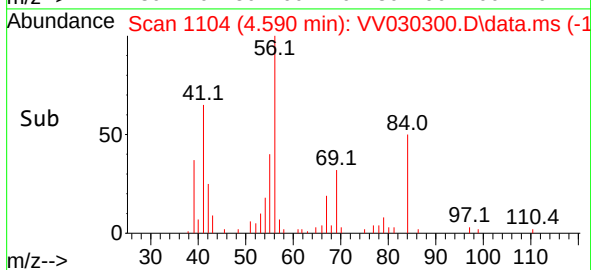
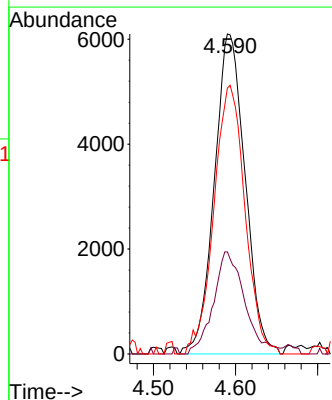
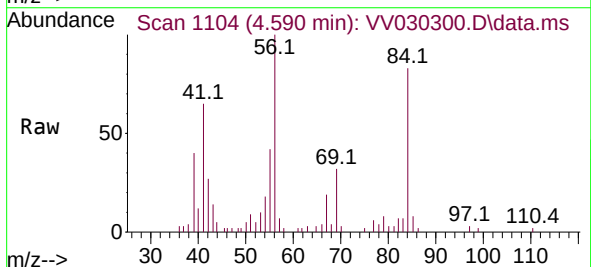
Tgt Ion: 56 Resp: 15874

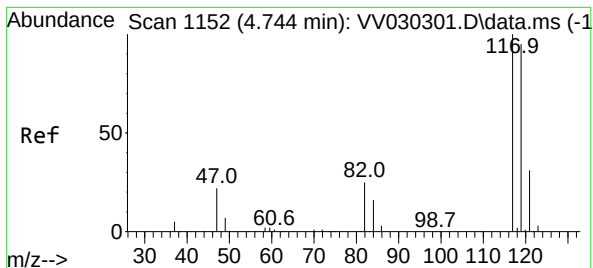
Ion Ratio Lower Upper

56 100

69 32.6 24.2 36.2

84 85.1 66.6 100.0





#31

Carbon tetrachloride

Concen: 1.000 ug/L

RT: 4.748 min Scan# 1152

Delta R.T. 0.003 min

Lab File: VV030300.D

Acq: 23 Mar 2023 10:08

Instrument :

MSVOA_V

ClientSampleId :

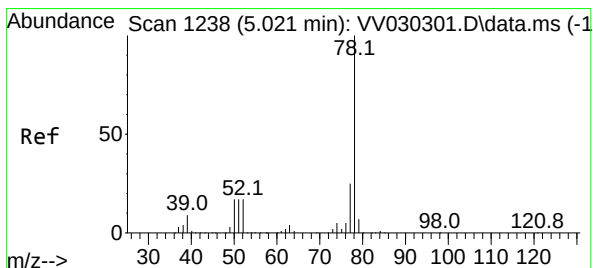
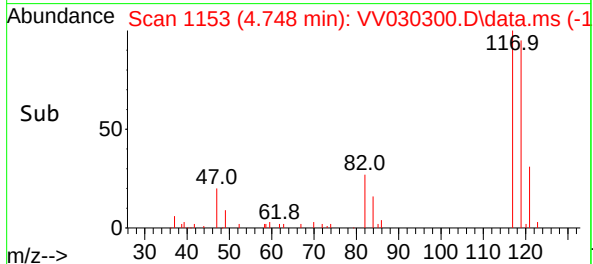
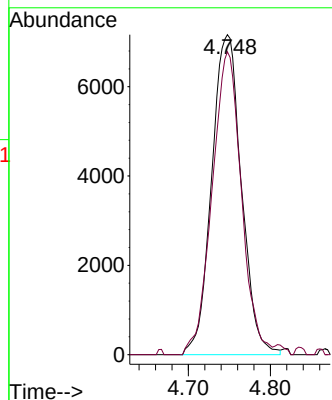
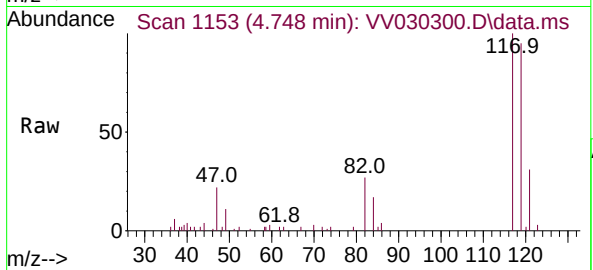
VSTD001229

Tgt Ion:117 Resp: 18044

Ion Ratio Lower Upper

117 100

119 93.1 76.2 114.4



#33

Benzene

Concen: 0.938 ug/L

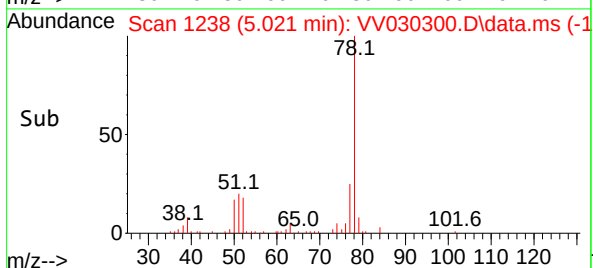
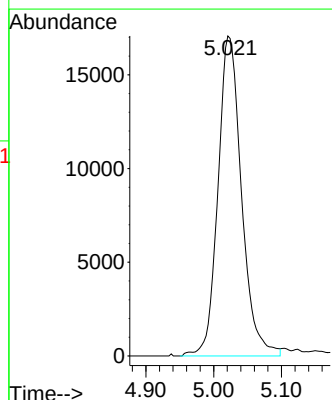
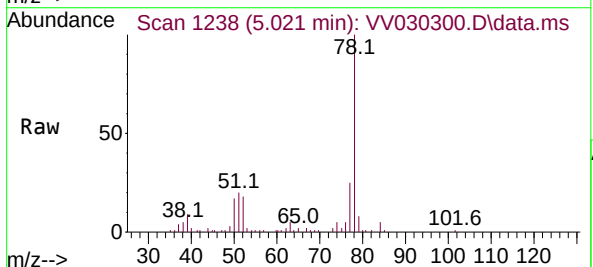
RT: 5.021 min Scan# 1238

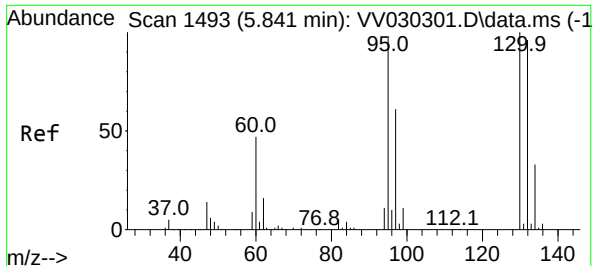
Delta R.T. -0.000 min

Lab File: VV030300.D

Acq: 23 Mar 2023 10:08

Tgt Ion: 78 Resp: 41248



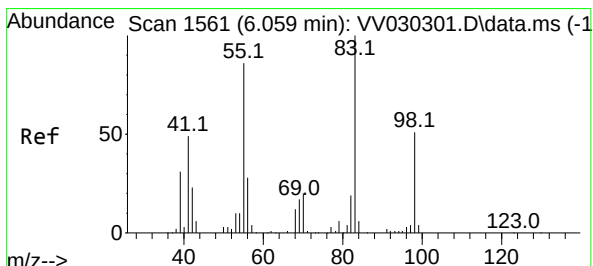
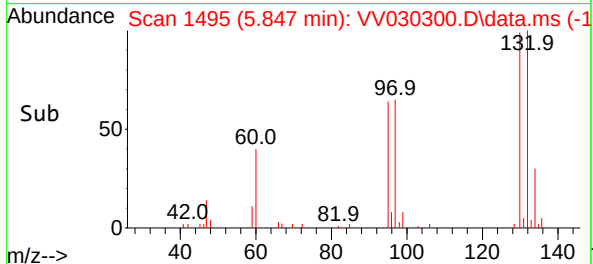
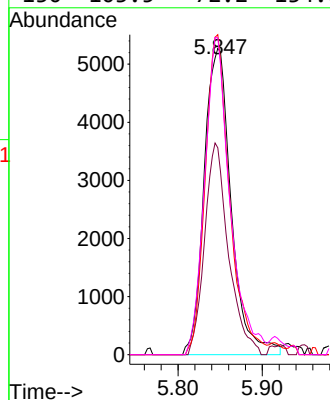
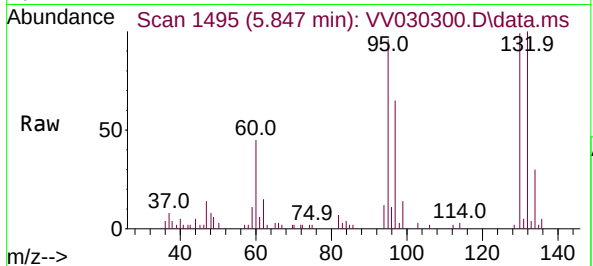


#34
Trichloroethene
Concen: 0.994 ug/L
RT: 5.847 min Scan# 1493
Delta R.T. 0.006 min
Lab File: VV030300.D
Acq: 23 Mar 2023 10:08

Instrument :
MSVOA_V
ClientSampleId :
VSTD001229

Tgt Ion: 95 Resp: 11787

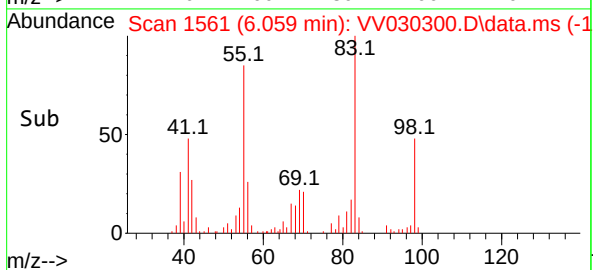
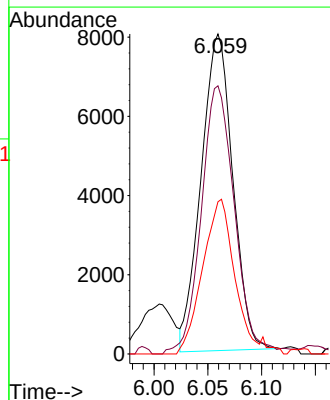
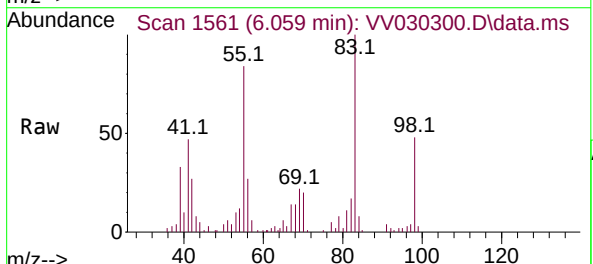
Ion	Ratio	Lower	Upper
95	100		
97	67.6	44.2	82.2
132	104.5	69.5	129.1
130	103.5	72.2	134.0

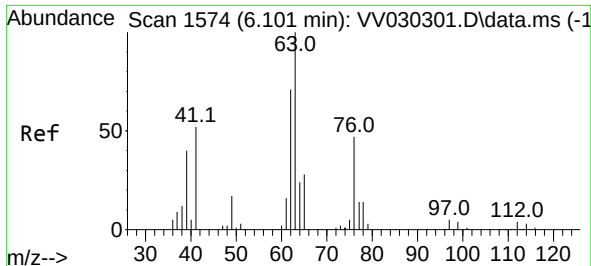


#35
Methylcyclohexane
Concen: 0.881 ug/L
RT: 6.059 min Scan# 1561
Delta R.T. -0.000 min
Lab File: VV030300.D
Acq: 23 Mar 2023 10:08

Tgt Ion: 83 Resp: 16401

Ion	Ratio	Lower	Upper
83	100		
55	88.6	66.6	100.0
98	50.2	38.6	58.0





#37

1,2-Dichloropropane

Concen: 0.931 ug/L

RT: 6.104 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV030300.D

Acq: 23 Mar 2023 10:08

Instrument :

MSVOA_V

ClientSampleId :

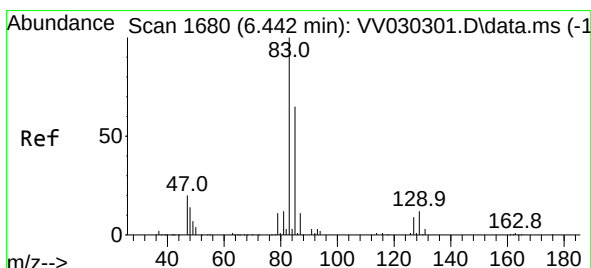
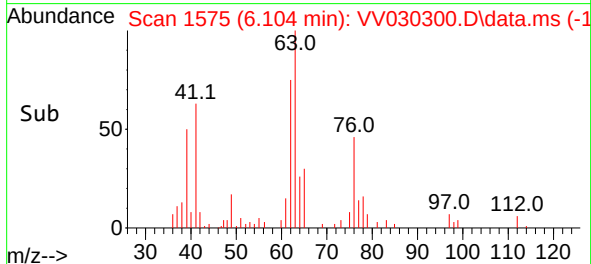
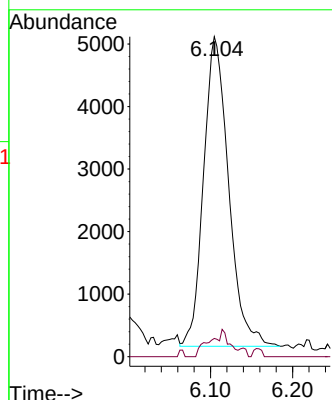
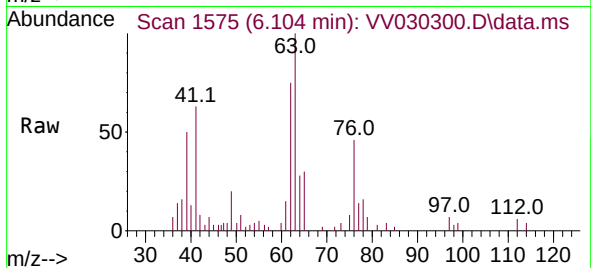
VSTD001229

Tgt Ion: 63 Resp: 10512

Ion Ratio Lower Upper

63 100

112 6.8 3.9 5.9#



#38

Bromodichloromethane

Concen: 0.939 ug/L

RT: 6.448 min Scan# 1682

Delta R.T. 0.006 min

Lab File: VV030300.D

Acq: 23 Mar 2023 10:08

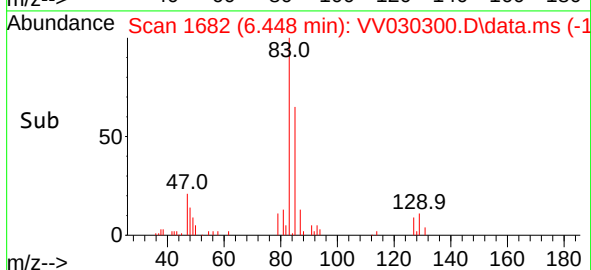
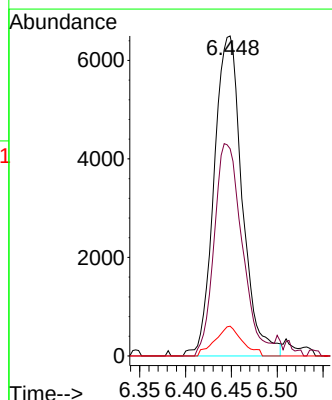
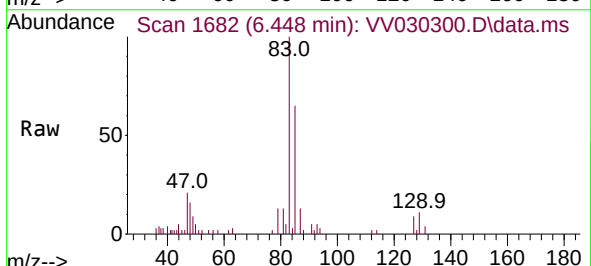
Tgt Ion: 83 Resp: 13875

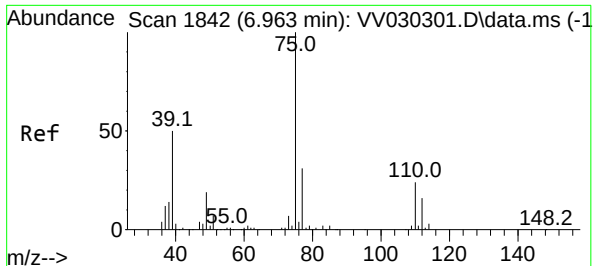
Ion Ratio Lower Upper

83 100

85 64.7 45.3 84.1

127 9.3 7.0 10.4





#39

cis-1,3-Dichloropropene

Concen: 0.920 ug/L

RT: 6.966 min Scan# 11

Delta R.T. 0.003 min

Lab File: VV030300.D

Acq: 23 Mar 2023 10:08

Instrument :

MSVOA_V

ClientSampleId :

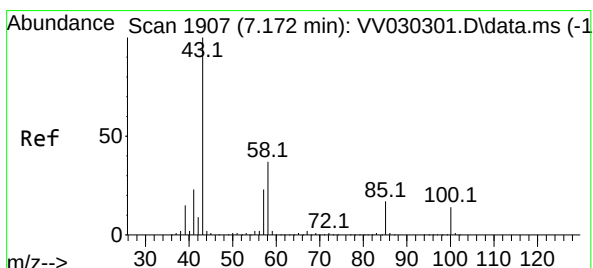
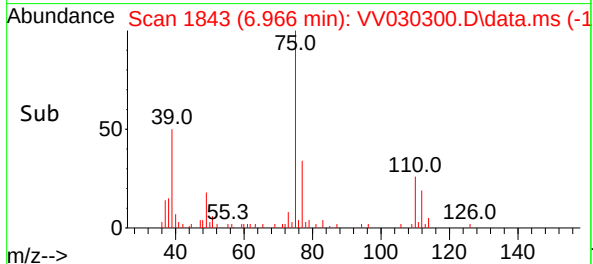
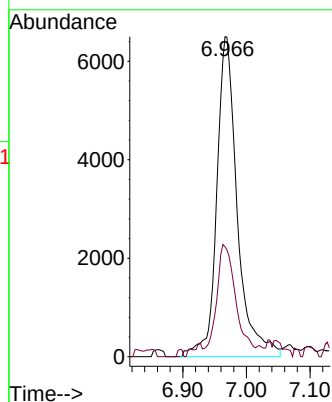
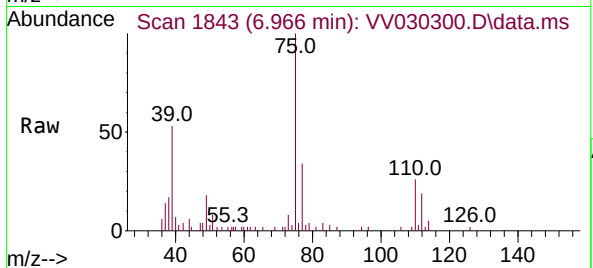
VSTD001229

Tgt Ion: 75 Resp: 14604

Ion Ratio Lower Upper

75 100

77 34.3 22.0 41.0



#40

4-Methyl-2-pentanone

Concen: 8.437 ug/L

RT: 7.175 min Scan# 1908

Delta R.T. 0.003 min

Lab File: VV030300.D

Acq: 23 Mar 2023 10:08

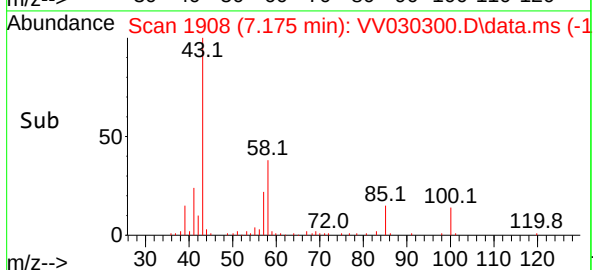
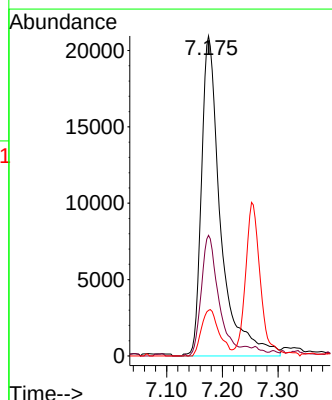
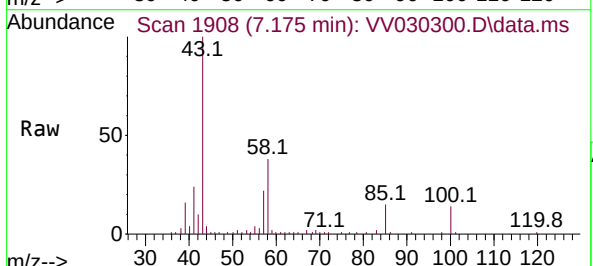
Tgt Ion: 43 Resp: 50173

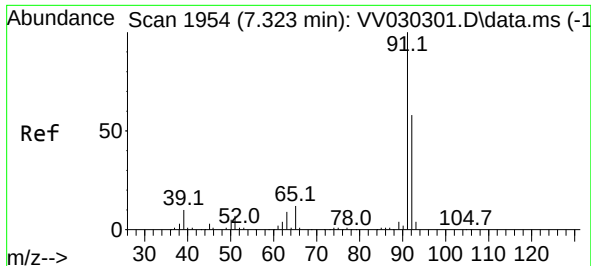
Ion Ratio Lower Upper

43 100

58 34.2 28.8 43.2

100 13.4 10.7 16.1





#42

Toluene

Concen: 0.901 ug/L

RT: 7.326 min Scan# 1954

Delta R.T. 0.003 min

Lab File: VV030300.D

Acq: 23 Mar 2023 10:08

Instrument :

MSVOA_V

ClientSampleId :

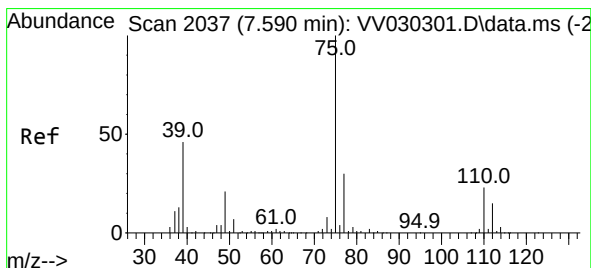
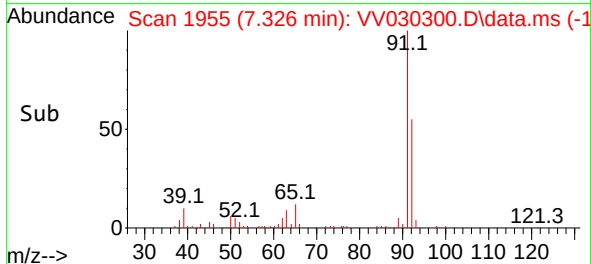
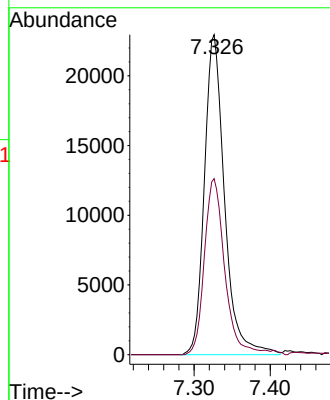
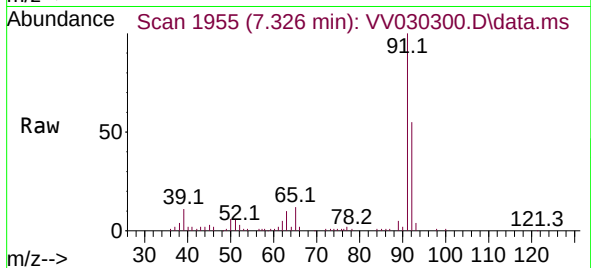
VSTD001229

Tgt Ion: 91 Resp: 42194

Ion Ratio Lower Upper

91 100

92 55.0 40.4 75.0



#44

trans-1,3-Dichloropropene

Concen: 0.905 ug/L

RT: 7.596 min Scan# 2039

Delta R.T. 0.006 min

Lab File: VV030300.D

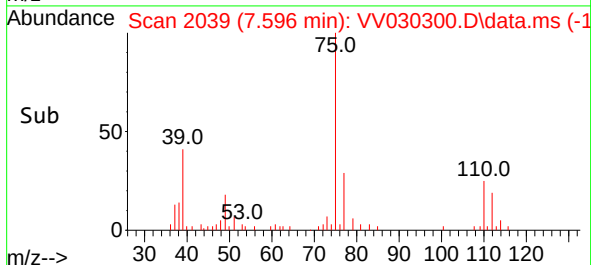
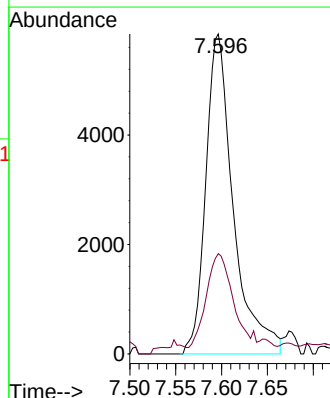
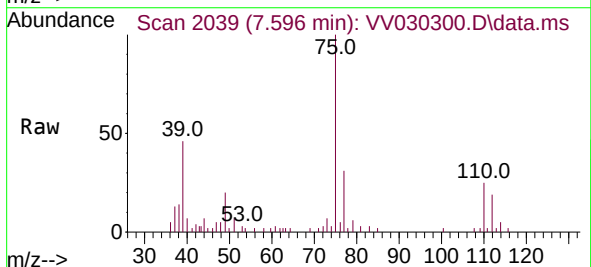
Acq: 23 Mar 2023 10:08

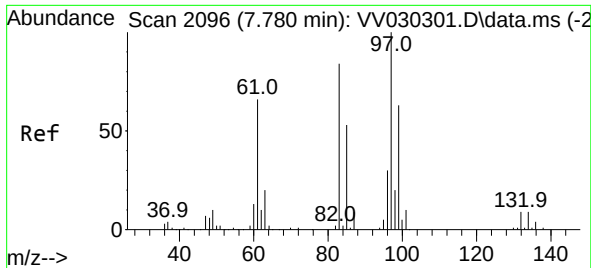
Tgt Ion: 75 Resp: 12227

Ion Ratio Lower Upper

75 100

77 31.3 21.2 39.4

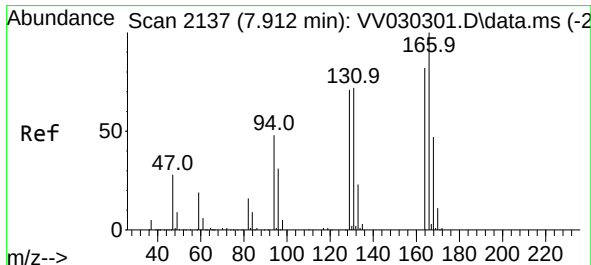
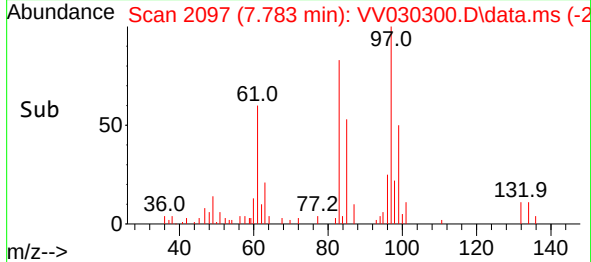
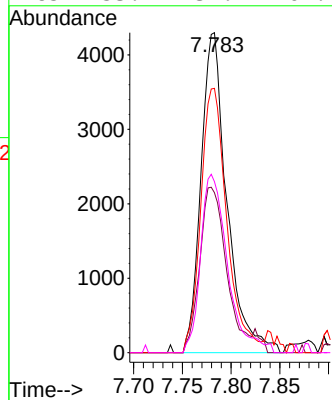
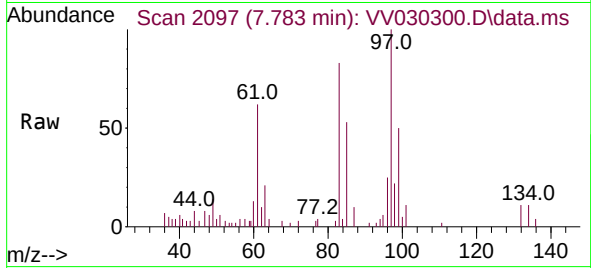




#45
1,1,2-Trichloroethane
Concen: 1.002 ug/L
RT: 7.783 min Scan# 2096
Delta R.T. 0.003 min
Lab File: VV030300.D
Acq: 23 Mar 2023 10:08

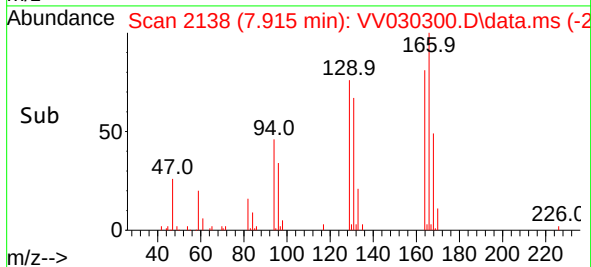
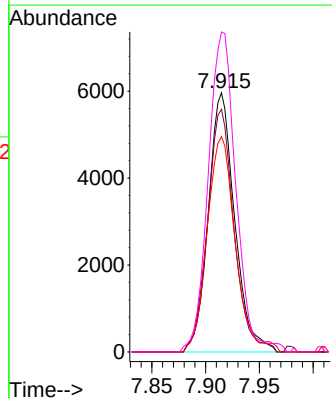
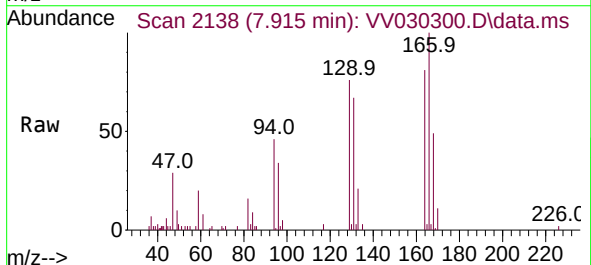
Instrument :
MSVOA_V
ClientSampleId :
VSTD001229

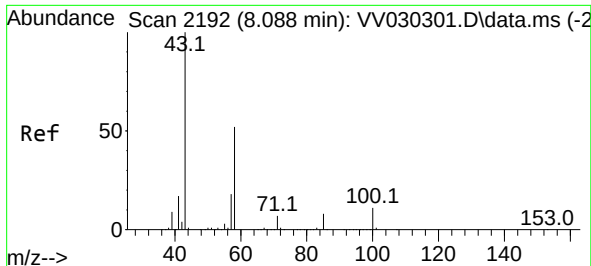
Tgt Ion: 97	Resp:	7960	
Ion	Ratio	Lower	Upper
97	100		
99	50.0	44.0	81.8
83	82.6	58.8	109.2
85	53.4	37.2	69.0



#47
Tetrachloroethene
Concen: 0.970 ug/L
RT: 7.915 min Scan# 2138
Delta R.T. 0.003 min
Lab File: VV030300.D
Acq: 23 Mar 2023 10:08

Tgt	Ion:164	Resp:	10152
Ion	Ratio	Lower	Upper
164	100		
129	93.6	60.8	112.8
131	83.1	61.7	114.7
166	123.5	85.6	159.0

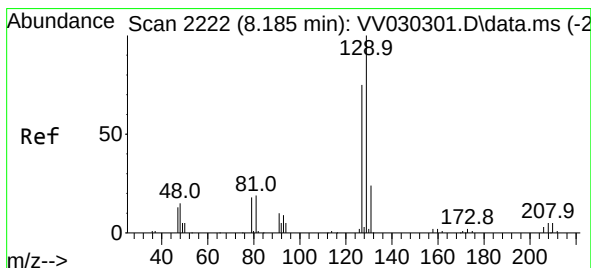
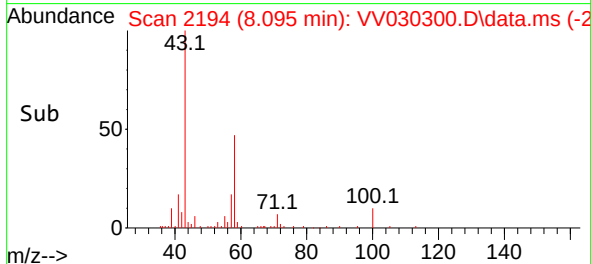
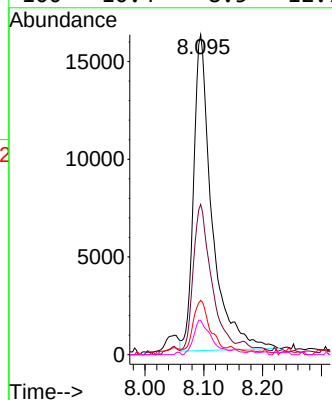
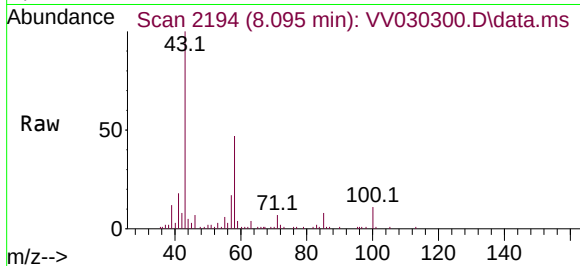




#48
2-Hexanone
Concen: 7.901 ug/L
RT: 8.095 min Scan# 2194
Delta R.T. 0.006 min
Lab File: VV030300.D
Acq: 23 Mar 2023 10:08

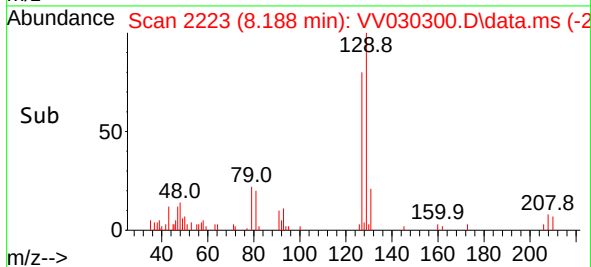
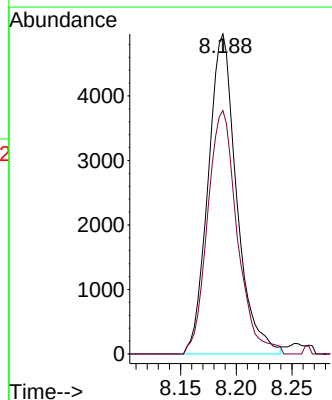
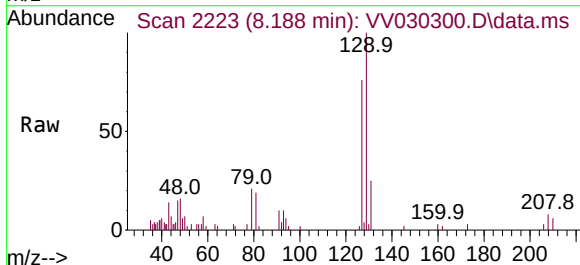
Instrument :
MSVOA_V
ClientSampleId :
VSTD001229

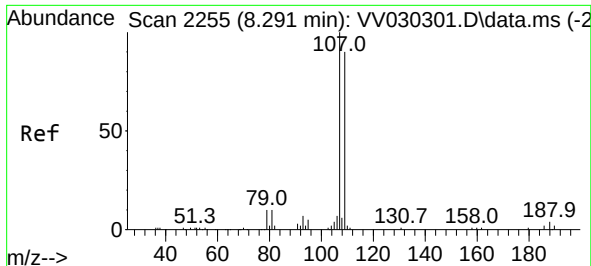
Tgt Ion: 43	Resp: 35210
Ion Ratio	Lower Upper
43 100	
58 46.3	40.3 60.5
57 15.3	14.6 22.0
100 10.4	8.5 12.7



#49
Dibromochloromethane
Concen: 0.933 ug/L
RT: 8.188 min Scan# 2223
Delta R.T. 0.003 min
Lab File: VV030300.D
Acq: 23 Mar 2023 10:08

Tgt Ion:129	Resp:	8825	
Ion	Ratio	Lower	Upper
129	100		
127	76.0	52.7	97.9





#50

1,2-Dibromoethane

Concen: 0.973 ug/L

RT: 8.294 min Scan# 21

Delta R.T. 0.003 min

Lab File: VV030300.D

Acq: 23 Mar 2023 10:08

Instrument :

MSVOA_V

ClientSampleId :

VSTD001229

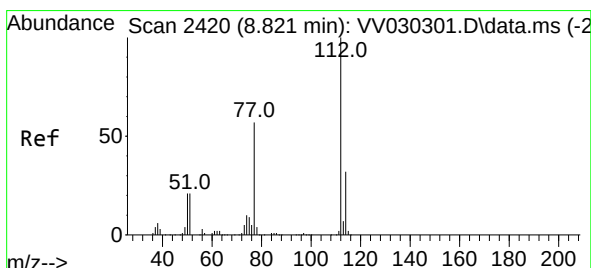
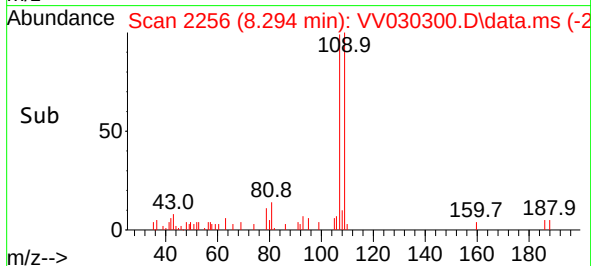
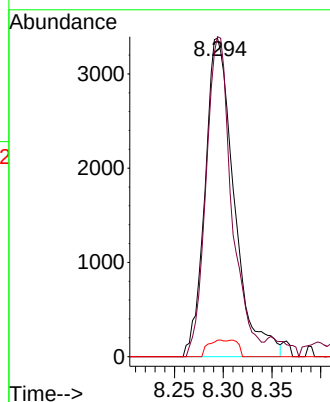
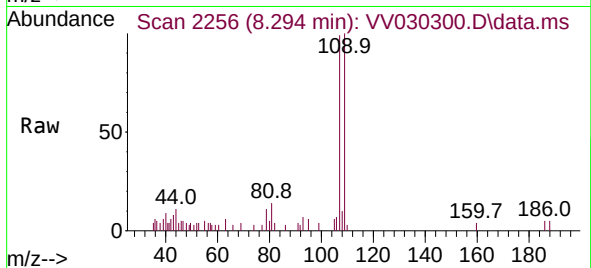
Tgt Ion:107 Resp: 7031

Ion Ratio Lower Upper

107 100

109 100.5 62.9 116.9

188 5.2 3.0 4.6#



#51

Chlorobenzene

Concen: 0.913 ug/L

RT: 8.821 min Scan# 2420

Delta R.T. -0.000 min

Lab File: VV030300.D

Acq: 23 Mar 2023 10:08

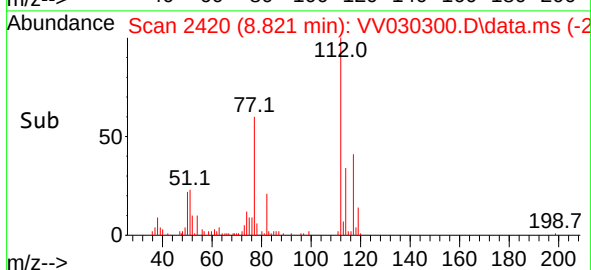
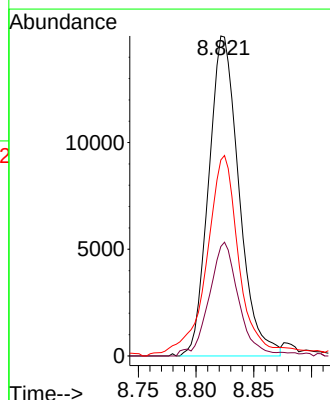
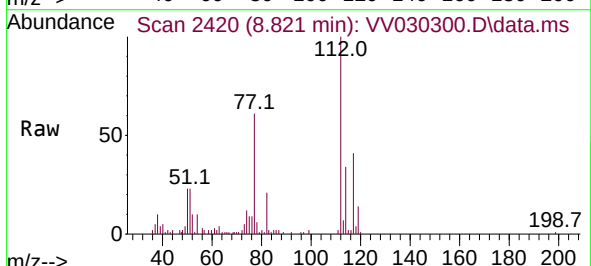
Tgt Ion:112 Resp: 27385

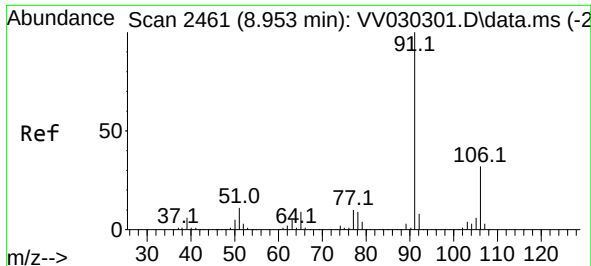
Ion Ratio Lower Upper

112 100

114 34.2 22.4 41.6

77 61.3 45.9 68.9





#52

Ethylbenzene

Concen: 0.853 ug/L

RT: 8.956 min Scan# 2462

Delta R.T. 0.003 min

Lab File: VV030300.D

Acq: 23 Mar 2023 10:08

Instrument :

MSVOA_V

ClientSampleId :

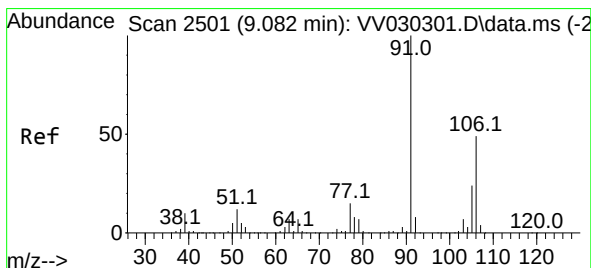
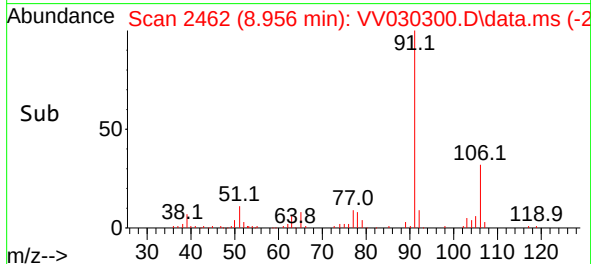
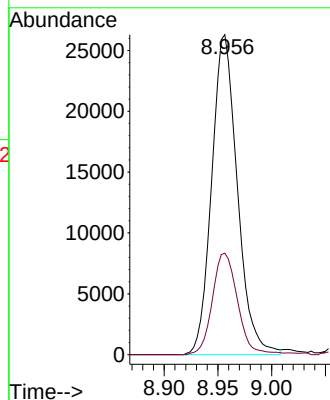
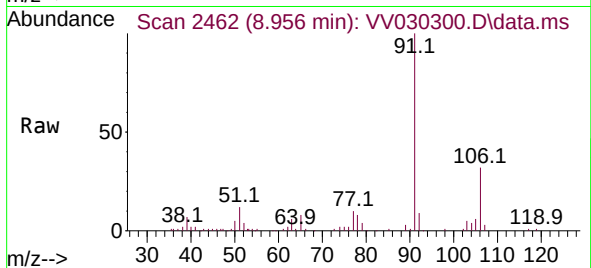
VSTD001229

Tgt Ion: 91 Resp: 43704

Ion Ratio Lower Upper

91 100

106 31.7 22.2 41.2



#53

m,p-Xylene

Concen: 0.848 ug/L

RT: 9.082 min Scan# 2501

Delta R.T. -0.000 min

Lab File: VV030300.D

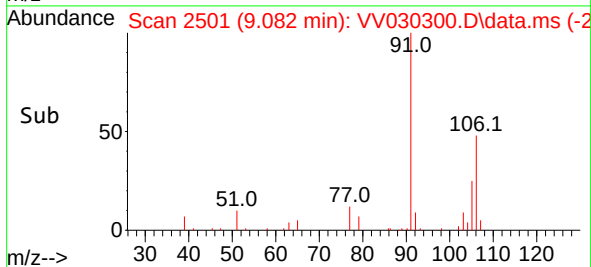
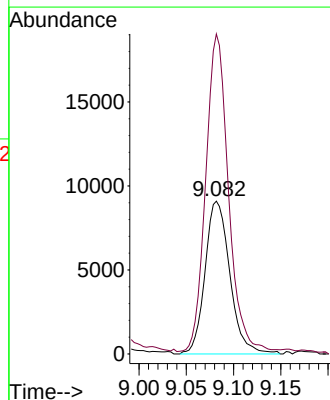
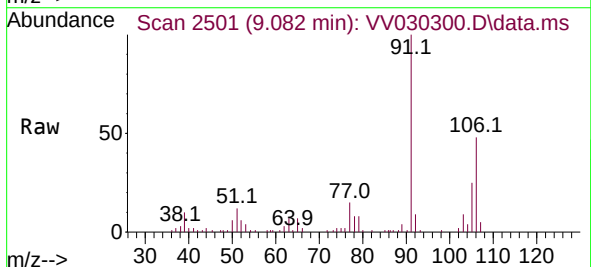
Acq: 23 Mar 2023 10:08

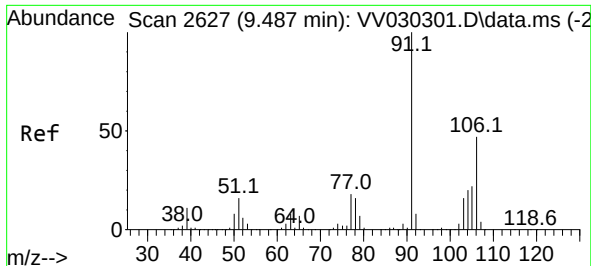
Tgt Ion: 106 Resp: 16620

Ion Ratio Lower Upper

106 100

91 209.4 142.4 264.4

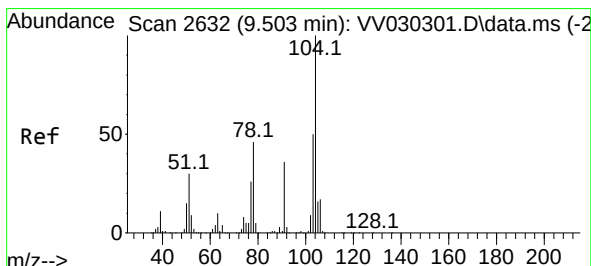
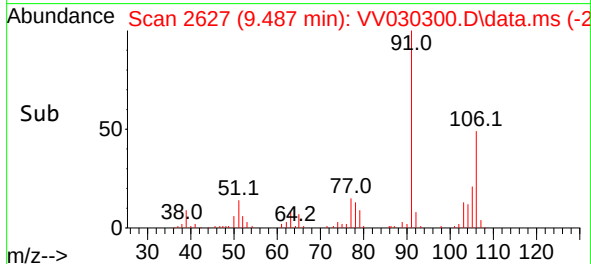
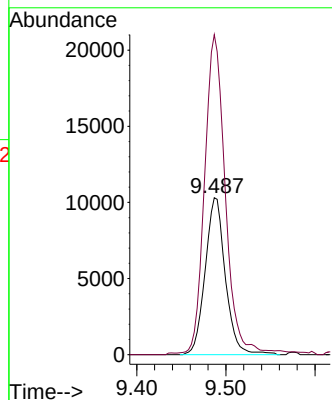
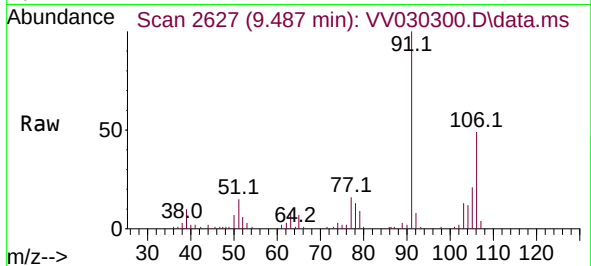




#54
o-Xylene
Concen: 0.865 ug/L
RT: 9.487 min Scan# 2627
Delta R.T. -0.000 min
Lab File: VV030300.D
Acq: 23 Mar 2023 10:08

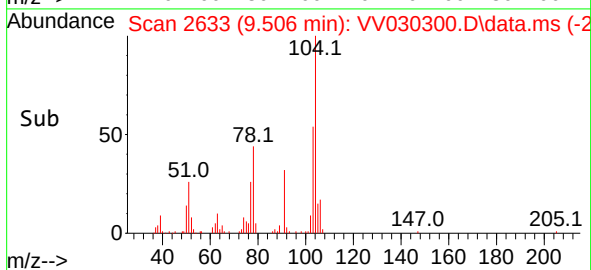
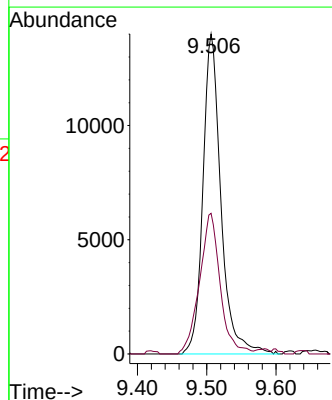
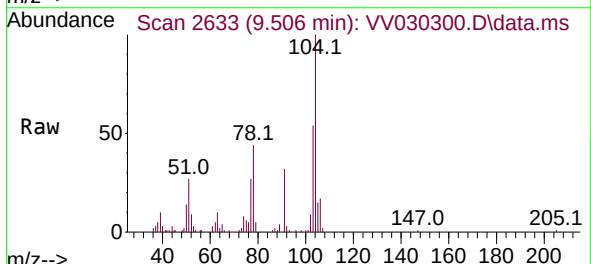
Instrument :
MSVOA_V
ClientSampleId :
VSTD001229

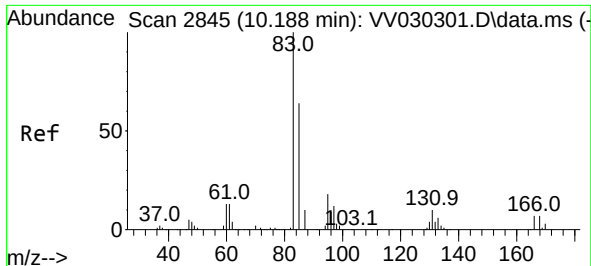
Tgt Ion:106 Resp: 16229
Ion Ratio Lower Upper
106 100
91 203.8 149.8 278.2



#55
Styrene
Concen: 0.793 ug/L
RT: 9.506 min Scan# 2633
Delta R.T. 0.003 min
Lab File: VV030300.D
Acq: 23 Mar 2023 10:08

Tgt Ion:104 Resp: 25266
Ion Ratio Lower Upper
104 100
78 44.0 31.9 59.2

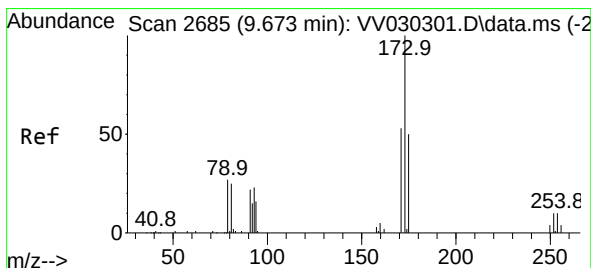
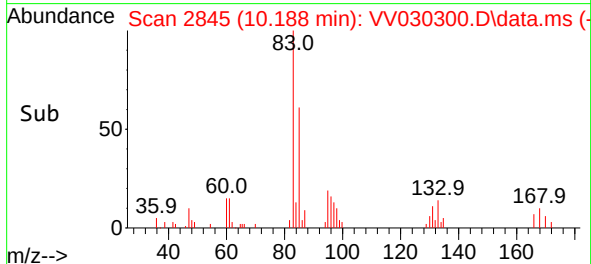
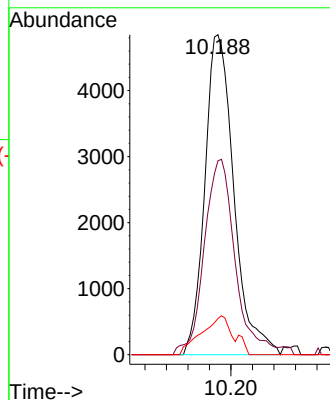
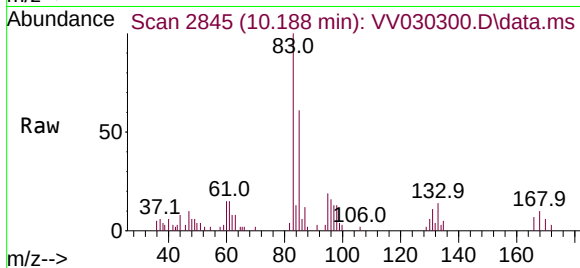




#57
 1,1,2,2-Tetrachloroethane
 Concen: 0.963 ug/L
 RT: 10.188 min Scan# 2845
 Delta R.T. -0.000 min
 Lab File: VV030300.D
 Acq: 23 Mar 2023 10:08

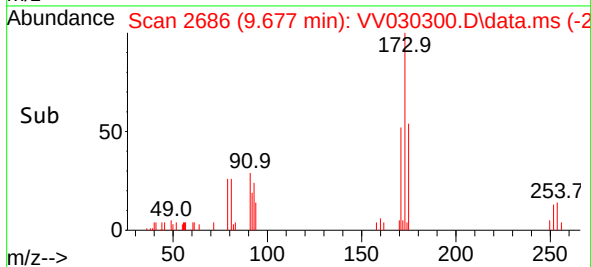
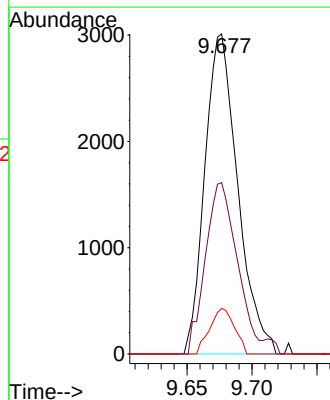
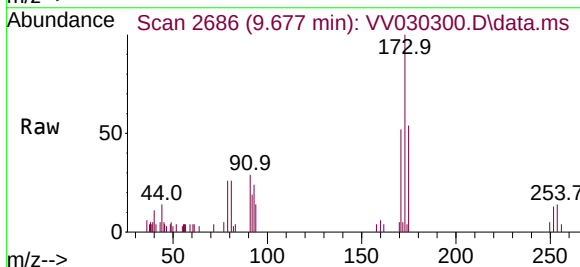
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD001229

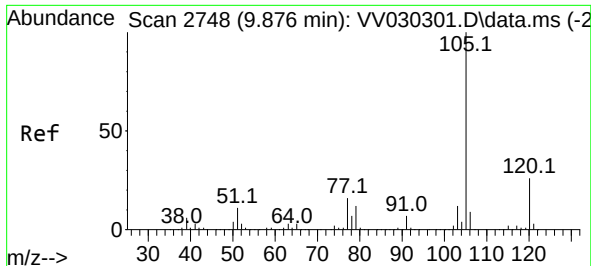
Tgt Ion:	83	Resp:	9083
Ion	Ratio	Lower	Upper
83	100		
85	60.6	45.3	84.1
131	11.3	8.2	12.4



#59
 Bromoform
 Concen: 1.035 ug/L
 RT: 9.677 min Scan# 2686
 Delta R.T. 0.003 min
 Lab File: VV030300.D
 Acq: 23 Mar 2023 10:08

Tgt Ion:	173	Resp:	5304
Ion	Ratio	Lower	Upper
173	100		
175	51.8	39.0	58.4
254	10.7	8.2	12.4

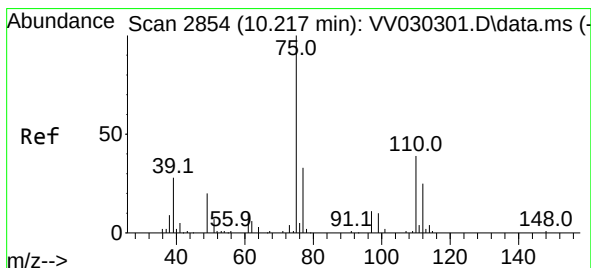
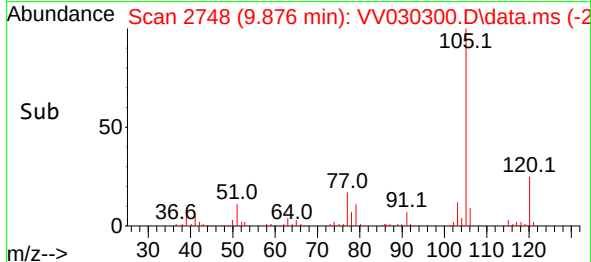
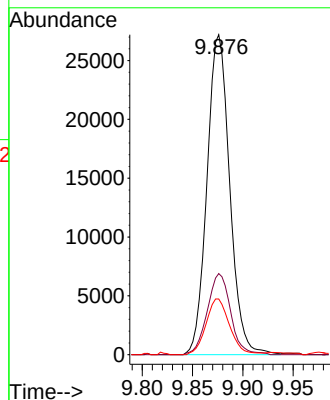
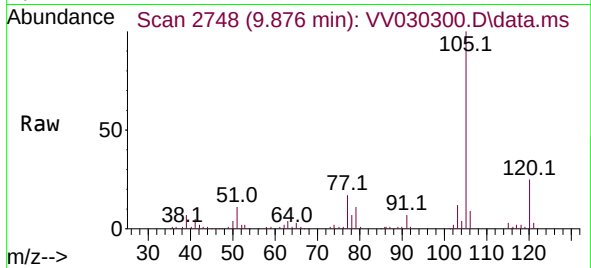




#60
Isopropylbenzene
Concen: 0.916 ug/L
RT: 9.876 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV030300.D
Acq: 23 Mar 2023 10:08

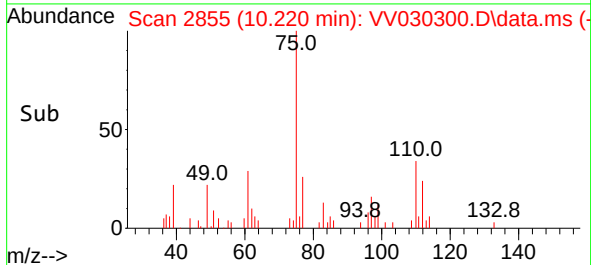
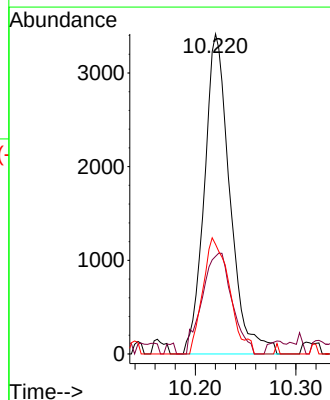
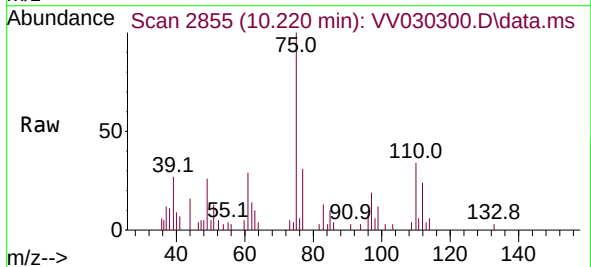
Instrument :
MSVOA_V
ClientSampleId :
VSTD001229

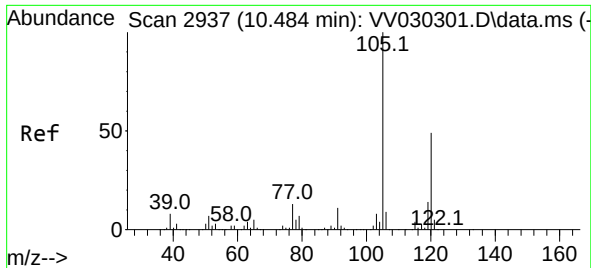
Tgt Ion:105 Resp: 42810
Ion Ratio Lower Upper
105 100
120 26.0 21.1 31.7
77 18.2 12.9 19.3



#61
1,2,3-Trichloropropane
Concen: 1.061 ug/L
RT: 10.220 min Scan# 2855
Delta R.T. 0.003 min
Lab File: VV030300.D
Acq: 23 Mar 2023 10:08

Tgt Ion: 75 Resp: 6014
Ion Ratio Lower Upper
75 100
77 36.8 26.0 39.0
110 37.5 31.6 47.4

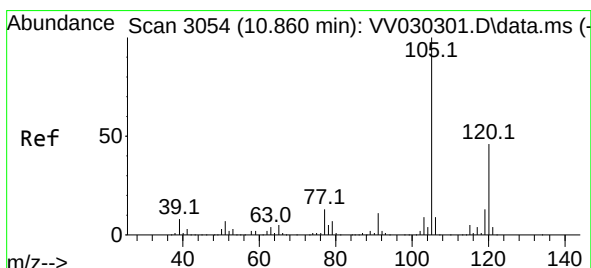
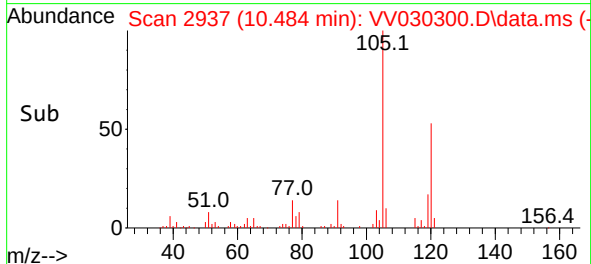
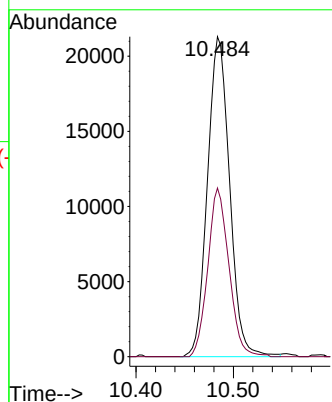
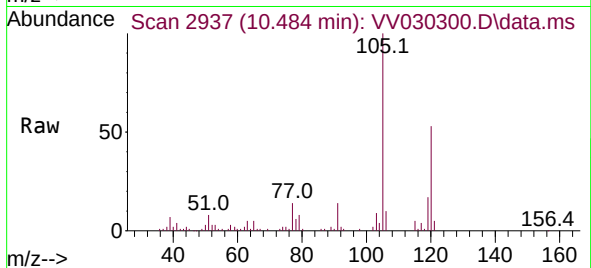




#62
 1,3,5-Trimethylbenzene
 Concen: 0.882 ug/L
 RT: 10.484 min Scan# 2937
 Delta R.T. -0.000 min
 Lab File: VV030300.D
 Acq: 23 Mar 2023 10:08

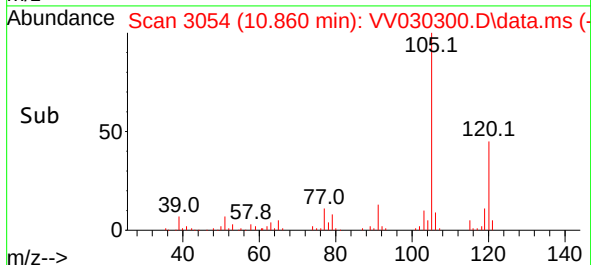
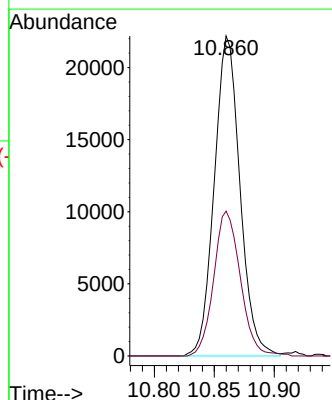
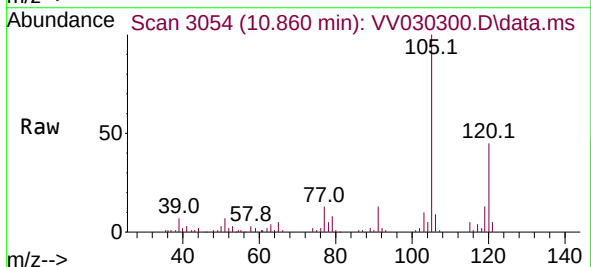
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD001229

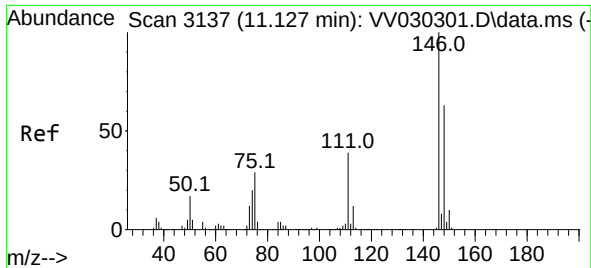
Tgt Ion:105 Resp: 33634
 Ion Ratio Lower Upper
 105 100
 120 50.3 38.9 58.3



#63
 1,2,4-Trimethylbenzene
 Concen: 0.849 ug/L
 RT: 10.860 min Scan# 3054
 Delta R.T. -0.000 min
 Lab File: VV030300.D
 Acq: 23 Mar 2023 10:08

Tgt Ion:105 Resp: 33018
 Ion Ratio Lower Upper
 105 100
 120 46.9 36.8 55.2

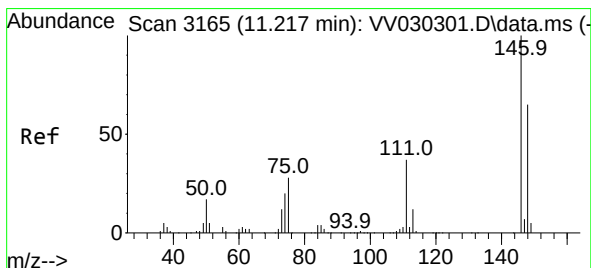
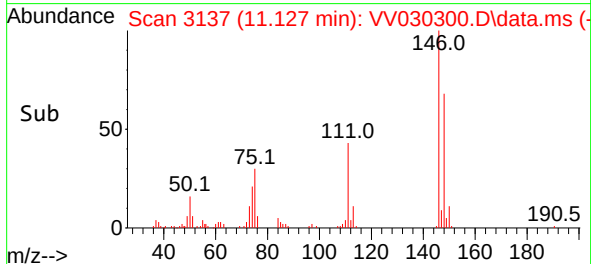
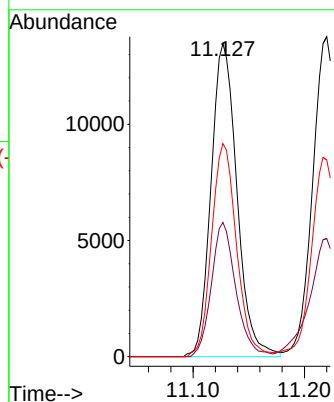
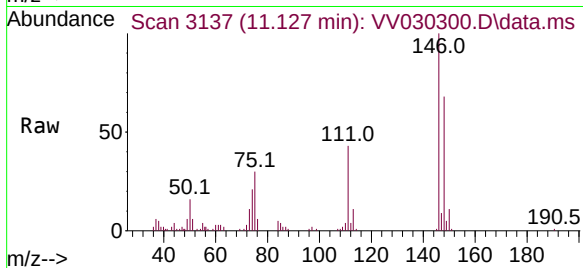




#64
1,3-Dichlorobenzene
Concen: 0.932 ug/L
RT: 11.127 min Scan# 3137
Delta R.T. -0.000 min
Lab File: VV030300.D
Acq: 23 Mar 2023 10:08

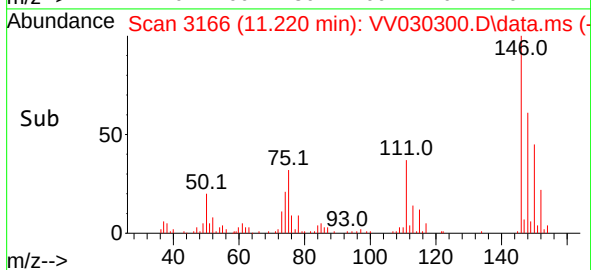
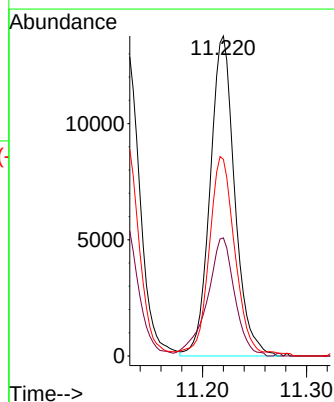
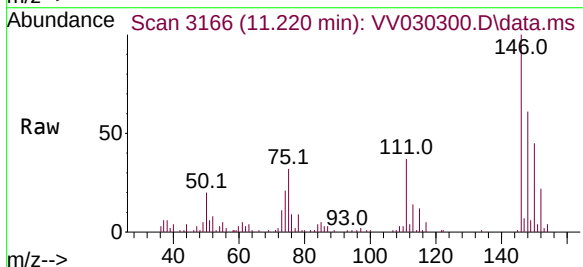
Instrument :
MSVOA_V
ClientSampleId :
VSTD001229

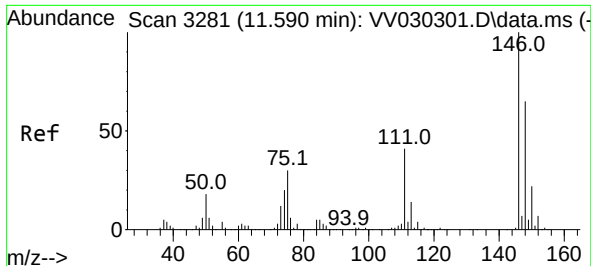
Tgt Ion:146 Resp: 21737
Ion Ratio Lower Upper
146 100
111 42.9 27.0 50.2
148 68.1 44.2 82.2



#65
1,4-Dichlorobenzene
Concen: 0.968 ug/L
RT: 11.220 min Scan# 3166
Delta R.T. 0.003 min
Lab File: VV030300.D
Acq: 23 Mar 2023 10:08

Tgt Ion:146 Resp: 22724
Ion Ratio Lower Upper
146 100
111 36.9 26.0 48.4
148 61.4 45.2 84.0

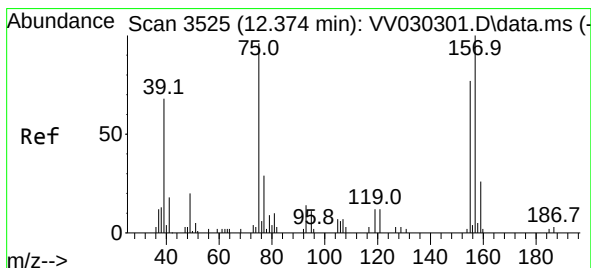
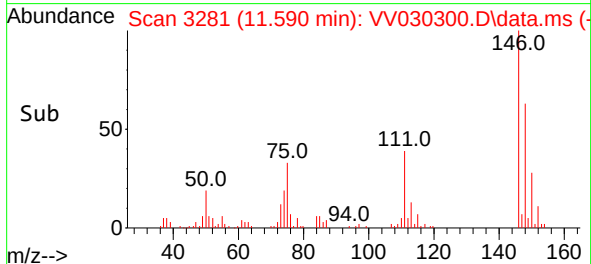
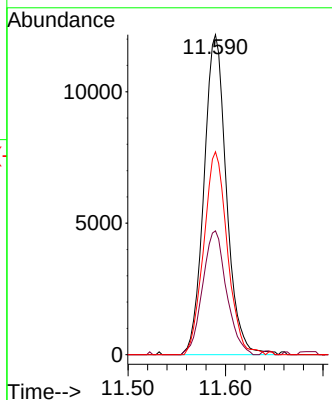
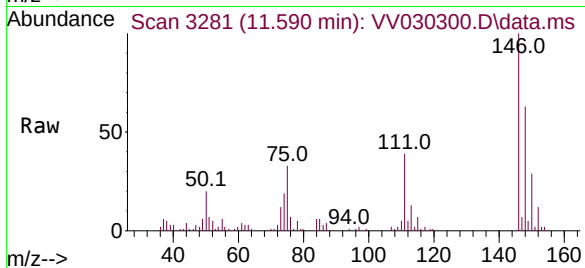




#67
1,2-Dichlorobenzene
Concen: 0.927 ug/L
RT: 11.590 min Scan# 3281
Delta R.T. -0.000 min
Lab File: VV030300.D
Acq: 23 Mar 2023 10:08

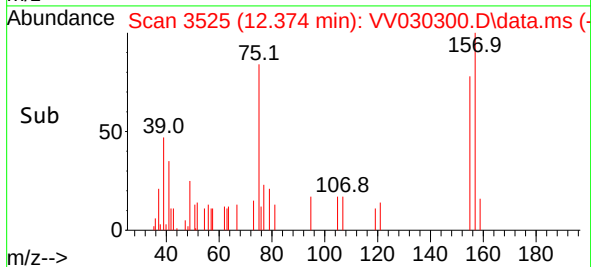
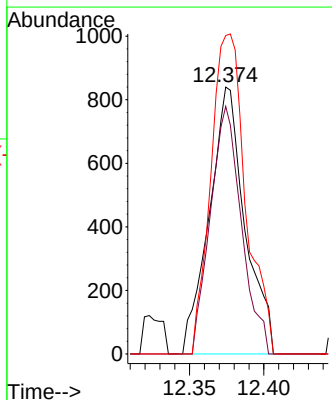
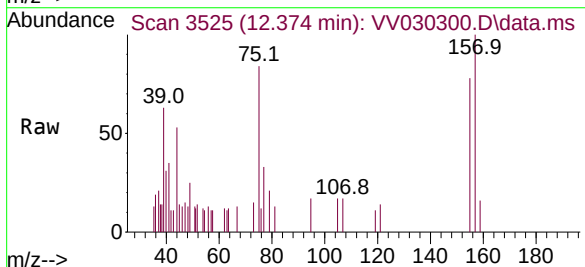
Instrument :
MSVOA_V
ClientSampleId :
VSTD001229

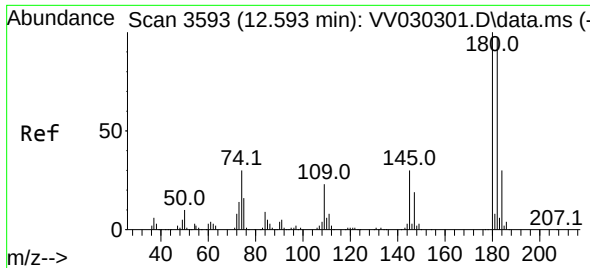
Tgt Ion:146 Resp: 19474
Ion Ratio Lower Upper
146 100
111 38.7 33.1 49.7
148 63.4 52.2 78.2



#68
1,2-Dibromo-3-chloropropane
Concen: 1.000 ug/L
RT: 12.374 min Scan# 3525
Delta R.T. -0.000 min
Lab File: VV030300.D
Acq: 23 Mar 2023 10:08

Tgt Ion: 75 Resp: 1410
Ion Ratio Lower Upper
75 100
155 92.7 64.6 96.8
157 119.3 83.8 125.6

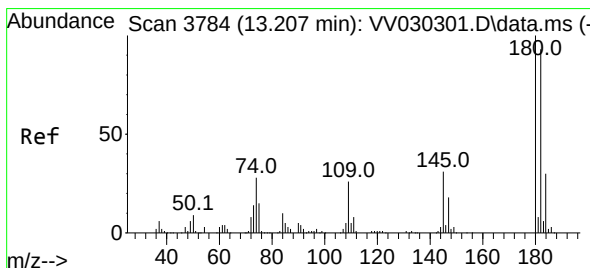
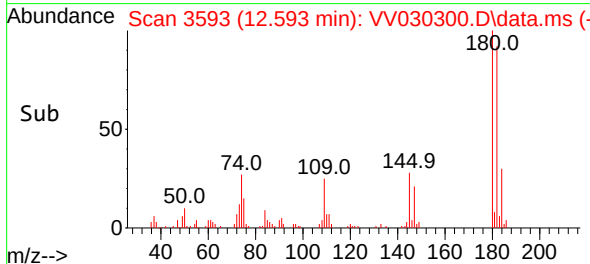
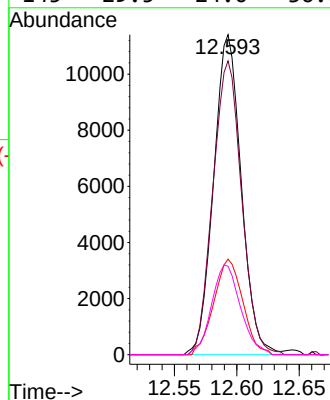
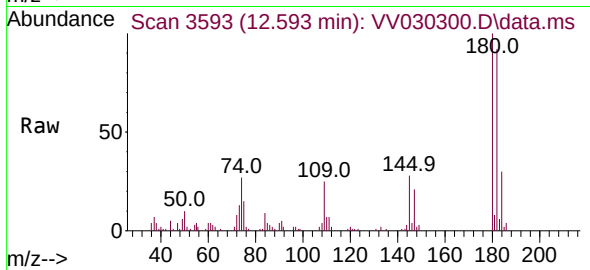




#69
1,3,5-Trichlorobenzene
Concen: 0.978 ug/L
RT: 12.593 min Scan# 3593
Delta R.T. -0.000 min
Lab File: VV030300.D
Acq: 23 Mar 2023 10:08

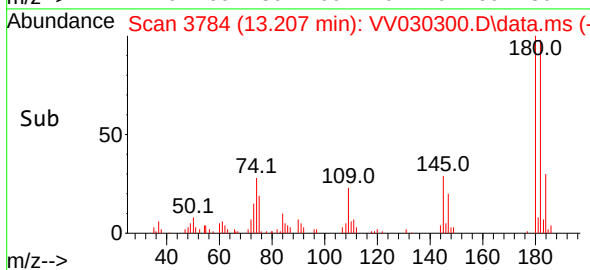
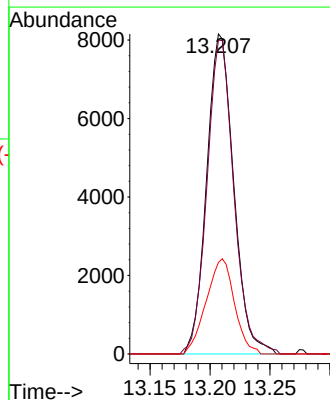
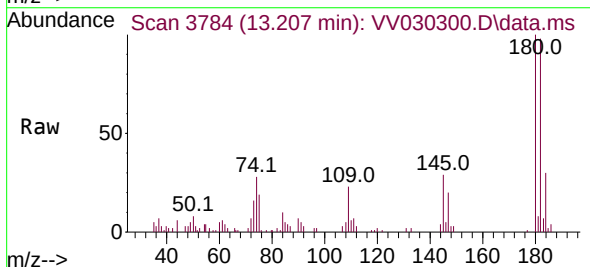
Instrument :
MSVOA_V
ClientSampleId :
VSTD001229

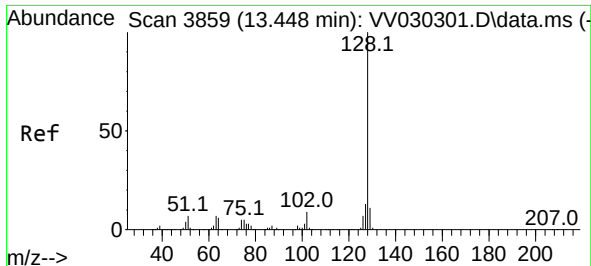
Tgt Ion:180	Resp:	17557
Ion Ratio	Lower	Upper
180	100	
182	95.3	76.5 114.7
184	31.3	24.0 36.0
145	29.5	24.0 36.0



#70
1,2,4-trichlorobenzene
Concen: 0.922 ug/L
RT: 13.207 min Scan# 3784
Delta R.T. -0.000 min
Lab File: VV030300.D
Acq: 23 Mar 2023 10:08

Tgt Ion:180	Resp:	12772
Ion Ratio	Lower	Upper
180	100	
182	97.5	75.3 112.9
145	31.0	23.8 35.6

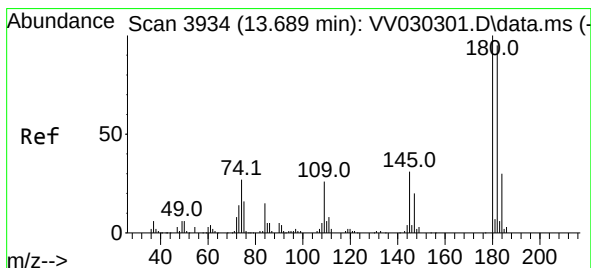
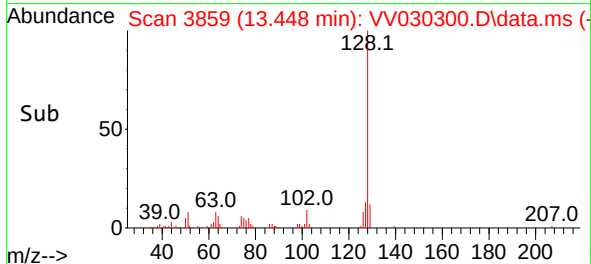
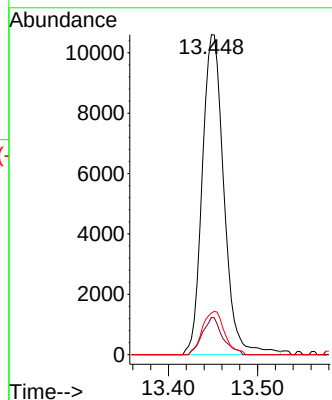
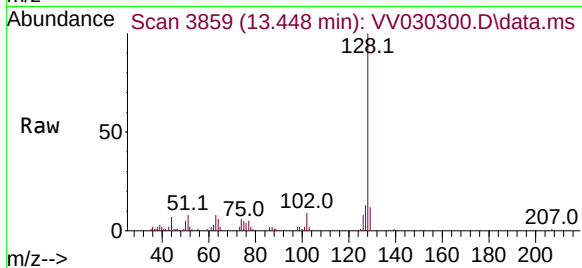




#71
Naphthalene
Concen: 0.904 ug/L
RT: 13.448 min Scan# 3859
Delta R.T. -0.000 min
Lab File: VV030300.D
Acq: 23 Mar 2023 10:08

Instrument :
MSVOA_V
ClientSampleId :
VSTD001229

Tgt Ion:128 Resp: 17890
Ion Ratio Lower Upper
128 100
129 11.0 8.9 13.3
127 13.9 10.8 16.2



#72
1,2,3-Trichlorobenzene
Concen: 0.911 ug/L
RT: 13.689 min Scan# 3934
Delta R.T. -0.000 min
Lab File: VV030300.D
Acq: 23 Mar 2023 10:08

Tgt Ion:180 Resp: 10939
Ion Ratio Lower Upper
180 100
182 96.8 76.6 115.0
145 32.0 25.0 37.4

