

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW030223\
 Data File : VW030112.D
 Acq On : 02 Mar 2023 09:39
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005290

Quant Time: Mar 03 03:25:23 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR022323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Mar 02 00:27:39 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	144002	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.793	117	141204	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	84104	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	46632	5.005	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	100.000%
7) Chloroethane-d5	1.536	69	48709	5.569	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	111.400%
11) 1,1-Dichloroethene-d2	2.066	63	104370	5.448	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	109.000%
20) 2-Butanone-d5	3.844	46	96641	56.255	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	112.520%
24) Chloroform-d	4.259	84	108397	5.695	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	114.000%
26) 1,2-Dichloroethane-d4	4.953	65	44877	5.776	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	115.600%
32) Benzene-d6	4.970	84	199361	5.247	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.000%
36) 1,2-Dichloropropane-d6	5.998	67	61460	5.377	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	107.600%
41) Toluene-d8	7.249	98	187140	5.196	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.000%
43) trans-1,3-Dichloroprop...	7.561	79	21394	5.471	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	109.400%
46) 2-Hexanone-d5	8.037	63	94741	58.558	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	117.120%
56) 1,1,2,2-Tetrachloroeth...	10.162	84	49163	6.046	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	121.000%#
66) 1,2-Dichlorobenzene-d4	11.571	152	71894	5.052	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	66890	5.709	ug/L	99
3) Chloromethane	1.217	50	96093	5.205	ug/L	98
5) Vinyl chloride	1.285	62	70385	5.736	ug/L	97
6) Bromomethane	1.491	94	13792	6.262	ug/L	98
8) Chloroethane	1.552	64	42663	5.707	ug/L	97
9) Trichlorofluoromethane	1.719	101	101347	5.757	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.073	101	63256	5.794	ug/L	99
12) 1,1-Dichloroethene	2.073	96	55721	5.766	ug/L	89
13) Acetone	2.172	43	66525	52.394	ug/L #	52
14) Carbon disulfide	2.246	76	145664	5.633	ug/L	98
15) Methyl Acetate	2.397	43	18414	6.210	ug/L	91
16) Methylene chloride	2.452	84	55770	4.724	ug/L	99
17) Methyl tert-butyl Ether	2.716	73	103465	5.475	ug/L	99
18) trans-1,2-Dichloroethene	2.700	96	51266	5.577	ug/L	98
19) 1,1-Dichloroethane	3.121	63	99812	5.828	ug/L	99
21) 2-Butanone	3.918	43	88984	52.110	ug/L	88
22) cis-1,2-Dichloroethene	3.825	96	54531	5.367	ug/L	97
23) Bromochloromethane	4.163	128	25843	5.952	ug/L	98
25) Chloroform	4.288	83	104566	5.869	ug/L	98

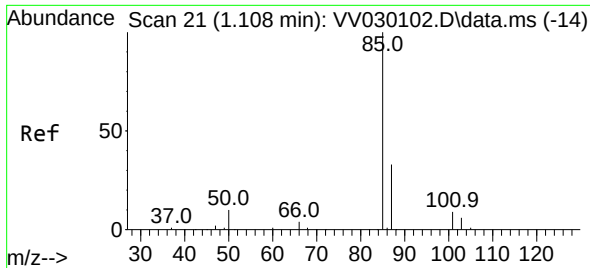
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 Data File : VV030112.D
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 ALS Vial : 2 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
 VSTD005290

Quant Time: Mar 03 03:25:23 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR022323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Mar 02 00:27:39 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.053	62	55577	5.964	ug/L	97
29) 1,1,1-Trichloroethane	4.523	97	93283	5.624	ug/L	99
30) Cyclohexane	4.593	56	70902	4.947	ug/L	97
31) Carbon tetrachloride	4.745	117	83229	5.582	ug/L	99
33) Benzene	5.018	78	211743	5.491	ug/L	100
34) Trichloroethene	5.841	95	55943	5.177	ug/L	99
35) Methylcyclohexane	6.060	83	81311	4.972	ug/L	97
37) 1,2-Dichloropropane	6.101	63	54899	5.596	ug/L	98
38) Bromodichloromethane	6.442	83	72511	5.790	ug/L	99
39) cis-1,3-Dichloropropene	6.963	75	75797	5.278	ug/L	97
40) 4-Methyl-2-pentanone	7.169	43	231651	57.220	ug/L	99
42) Toluene	7.323	91	232994	5.578	ug/L	99
44) trans-1,3-Dichloropropene	7.590	75	62945	5.614	ug/L	99
45) 1,1,2-Trichloroethane	7.777	97	40312	5.742	ug/L	99
47) Tetrachloroethene	7.912	164	49678	5.356	ug/L	96
48) 2-Hexanone	8.088	43	172949	59.674	ug/L	98
49) Dibromochloromethane	8.185	129	48078	5.853	ug/L	99
50) 1,2-Dibromoethane	8.291	107	37230	5.684	ug/L	100
51) Chlorobenzene	8.822	112	152256	5.405	ug/L	99
52) Ethylbenzene	8.953	91	240977	5.301	ug/L	98
53) m,p-Xylene	9.079	106	94225	5.393	ug/L	99
54) o-Xylene	9.487	106	87772	5.260	ug/L	97
55) Styrene	9.503	104	157313	5.669	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.188	83	47409	6.037	ug/L	98
59) Bromoform	9.674	173	28220	5.598	ug/L	99
60) Isopropylbenzene	9.876	105	246979	5.104	ug/L	100
61) 1,2,3-Trichloropropane	10.220	75	30640	5.443	ug/L	99
62) 1,3,5-Trimethylbenzene	10.484	105	195360	4.915	ug/L	99
63) 1,2,4-Trimethylbenzene	10.860	105	205735	5.059	ug/L	100
64) 1,3-Dichlorobenzene	11.127	146	134019	5.319	ug/L	99
65) 1,4-Dichlorobenzene	11.217	146	133832	5.264	ug/L	100
67) 1,2-Dichlorobenzene	11.587	146	119390	5.366	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.374	75	6833	5.435	ug/L	93
69) 1,3,5-Trichlorobenzene	12.593	180	103446	4.994	ug/L	99
70) 1,2,4-trichlorobenzene	13.207	180	81017	4.828	ug/L	99
71) Naphthalene	13.448	128	101711	4.638	ug/L	99
72) 1,2,3-Trichlorobenzene	13.689	180	68419	4.953	ug/L	99

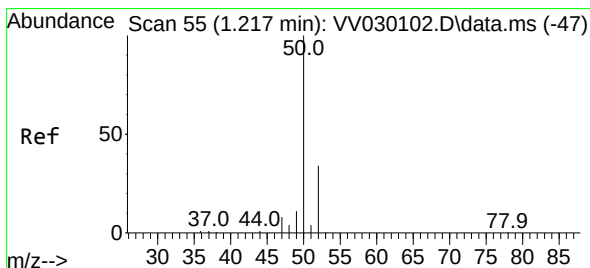
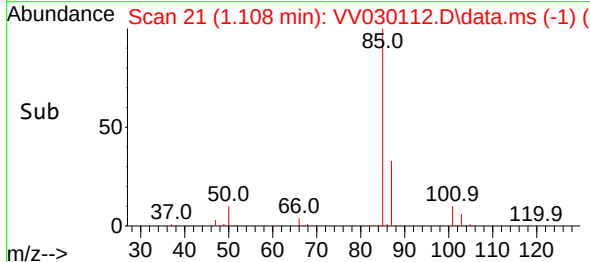
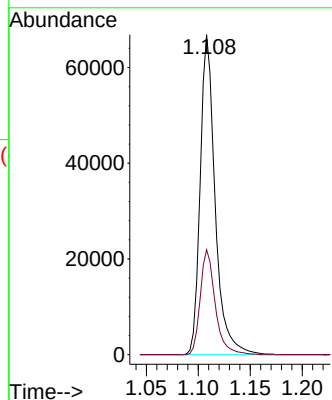
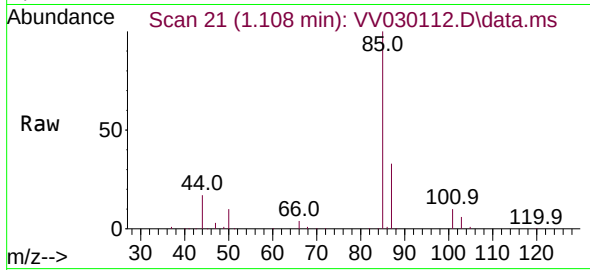
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
 Dichlorodifluoromethane
 Concen: 5.709 ug/L
 RT: 1.108 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VV030112.D
 Acq: 02 Mar 2023 09:39

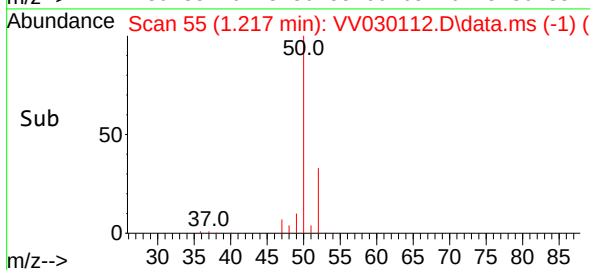
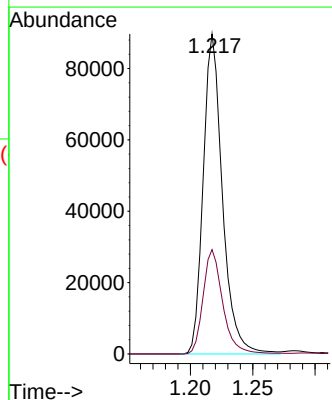
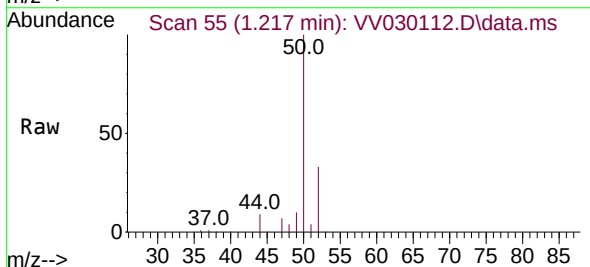
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005290

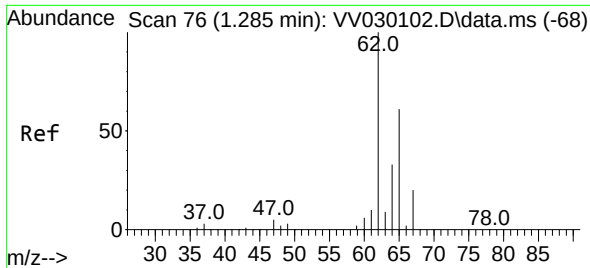
Tgt Ion: 85 Resp: 66890
 Ion Ratio Lower Upper
 85 100
 87 32.9 26.6 39.8



#3
 Chloromethane
 Concen: 5.205 ug/L
 RT: 1.217 min Scan# 55
 Delta R.T. 0.000 min
 Lab File: VV030112.D
 Acq: 02 Mar 2023 09:39

Tgt Ion: 50 Resp: 96093
 Ion Ratio Lower Upper
 50 100
 52 32.6 23.6 43.8

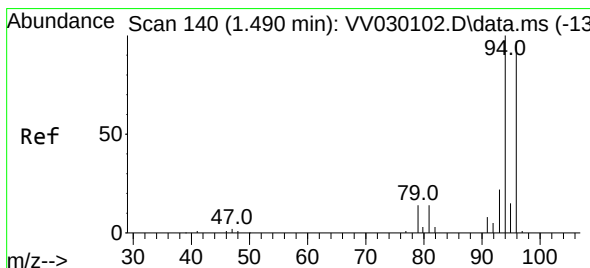
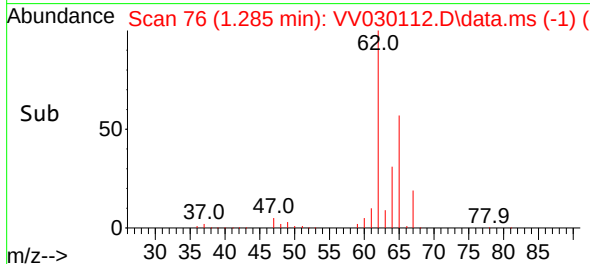
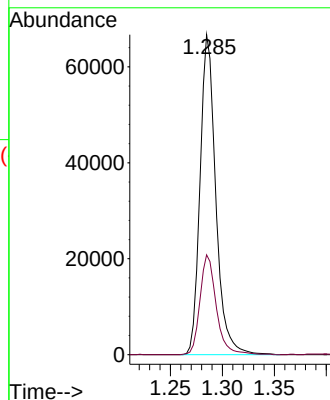
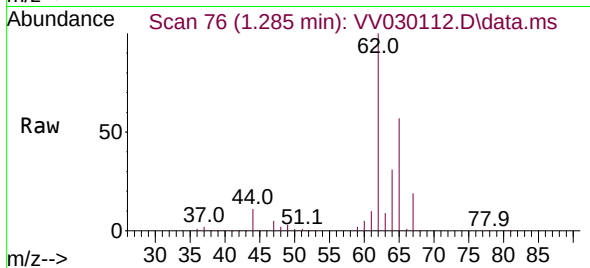




#5
 Vinyl chloride
 Concen: 5.736 ug/L
 RT: 1.285 min Scan# 70
 Delta R.T. 0.000 min
 Lab File: VV030112.D
 Acq: 02 Mar 2023 09:39

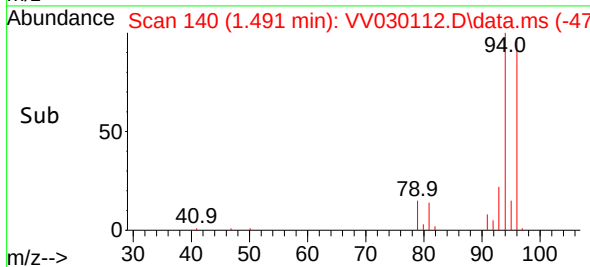
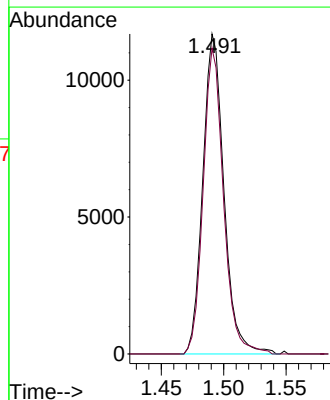
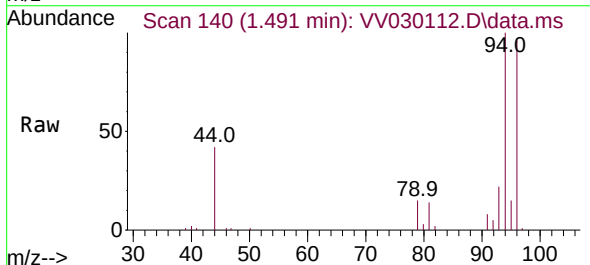
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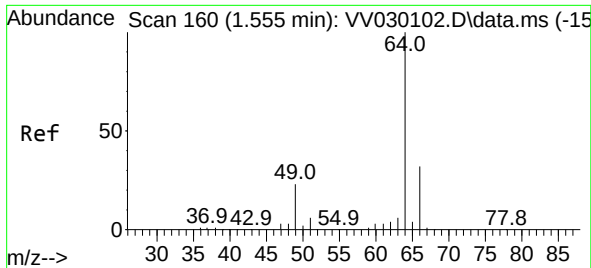
Tgt Ion: 62 Resp: 70385
 Ion Ratio Lower Upper
 62 100
 64 31.2 23.1 42.9



#6
 Bromomethane
 Concen: 6.262 ug/L
 RT: 1.491 min Scan# 140
 Delta R.T. 0.000 min
 Lab File: VV030112.D
 Acq: 02 Mar 2023 09:39

Tgt Ion: 94 Resp: 13792
 Ion Ratio Lower Upper
 94 100
 96 95.5 68.4 127.0

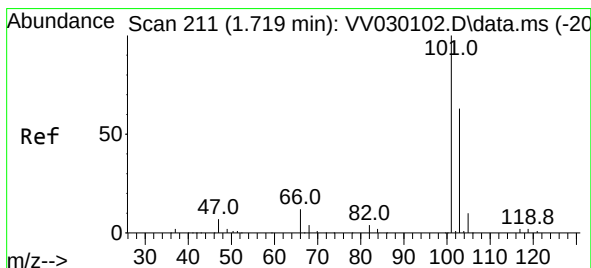
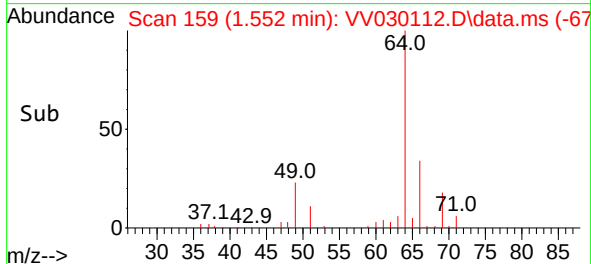
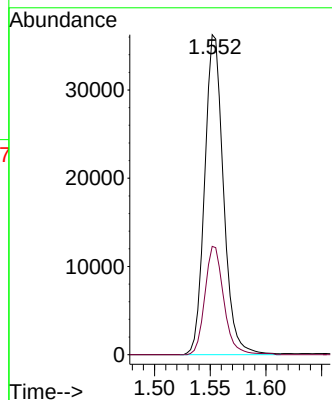
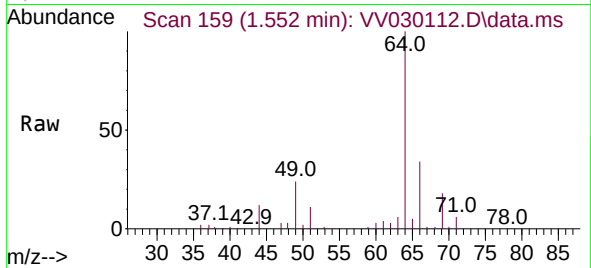




#8
Chloroethane
Concen: 5.707 ug/L
RT: 1.552 min Scan# 11
Delta R.T. -0.003 min
Lab File: VV030112.D
Acq: 02 Mar 2023 09:39

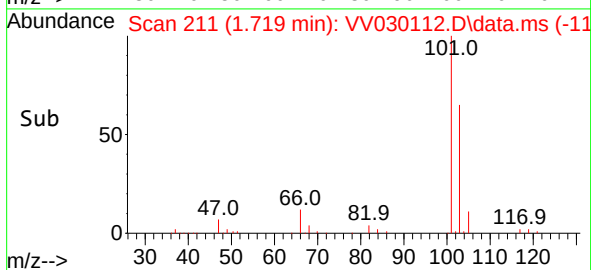
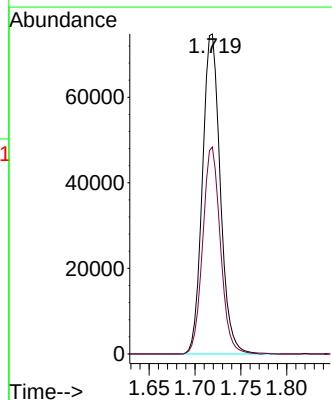
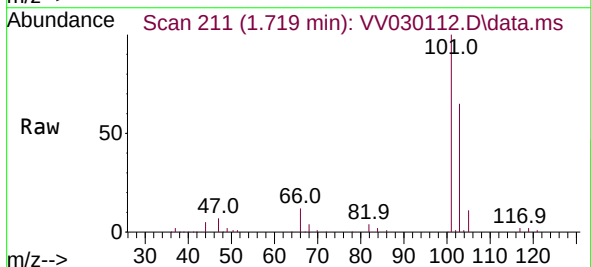
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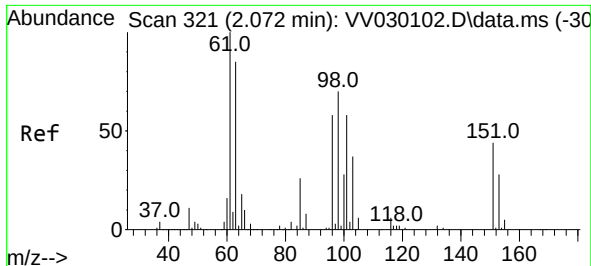
Tgt Ion: 64 Resp: 42663
Ion Ratio Lower Upper
64 100
66 33.9 22.4 41.6



#9
Trichlorofluoromethane
Concen: 5.757 ug/L
RT: 1.719 min Scan# 211
Delta R.T. 0.000 min
Lab File: VV030112.D
Acq: 02 Mar 2023 09:39

Tgt Ion:101 Resp: 101347
Ion Ratio Lower Upper
101 100
103 64.0 52.7 79.1

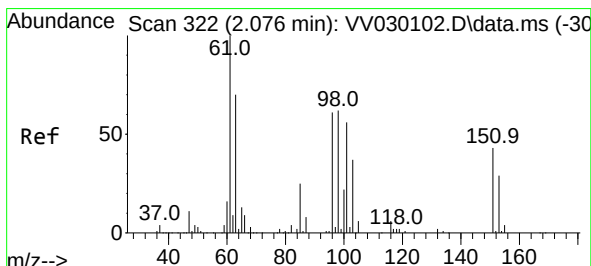
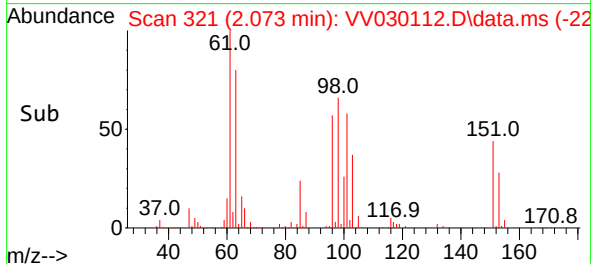
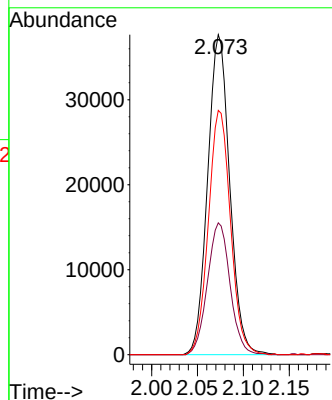
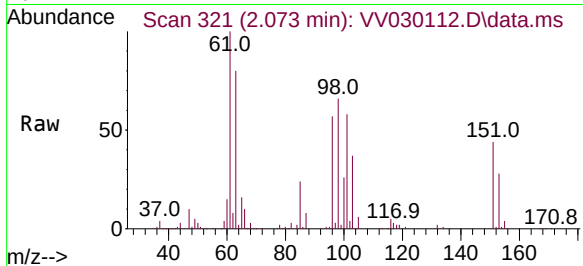




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.794 ug/L
 RT: 2.073 min Scan# 321
 Delta R.T. 0.000 min
 Lab File: VV030112.D
 Acq: 02 Mar 2023 09:39

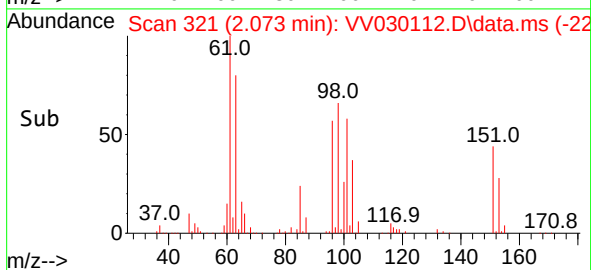
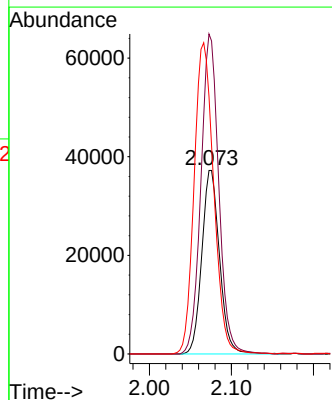
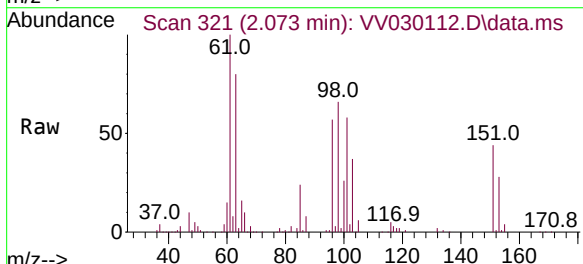
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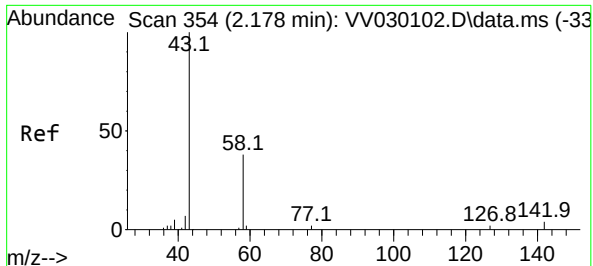
Tgt Ion:101 Resp: 63256
 Ion Ratio Lower Upper
 101 100
 85 42.1 33.5 50.3
 151 76.4 61.6 92.4



#12
 1,1-Dichloroethene
 Concen: 5.766 ug/L
 RT: 2.073 min Scan# 321
 Delta R.T. -0.003 min
 Lab File: VV030112.D
 Acq: 02 Mar 2023 09:39

Tgt Ion: 96 Resp: 55721
 Ion Ratio Lower Upper
 96 100
 61 174.3 115.6 214.6
 63 140.3 85.6 159.0





#13

Acetone

Concen: 52.394 ug/L

RT: 2.172 min Scan# 3

Delta R.T. -0.006 min

Lab File: VV030112.D

Acq: 02 Mar 2023 09:39

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MSVOA_V

ClientSampleId :

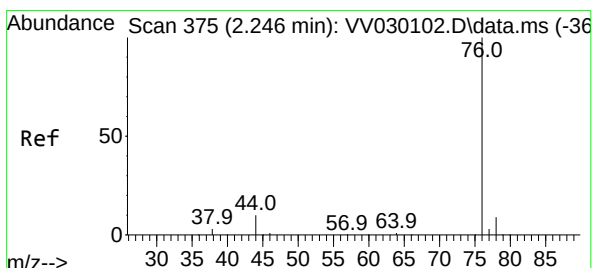
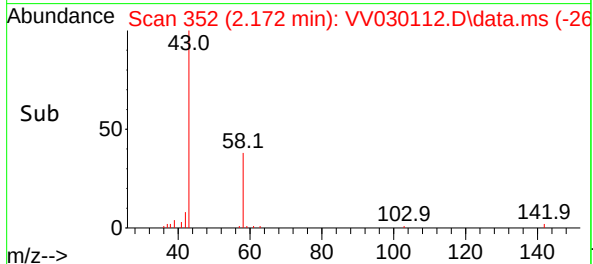
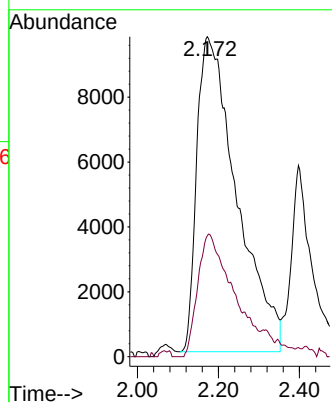
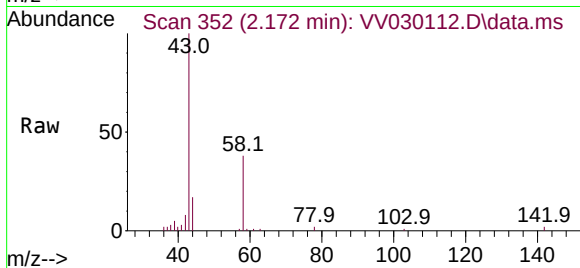
VSTD005290

Tgt Ion: 43 Resp: 66525

Ion Ratio Lower Upper

43 100

58 34.4 0.0 29.4#



#14

Carbon disulfide

Concen: 5.633 ug/L

RT: 2.246 min Scan# 375

Delta R.T. 0.000 min

Lab File: VV030112.D

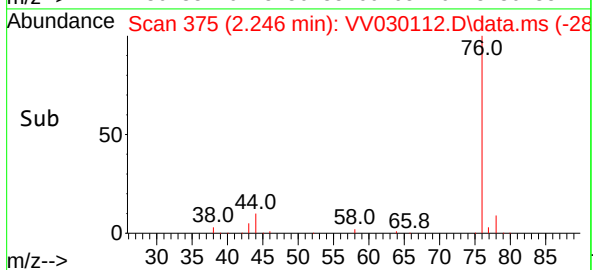
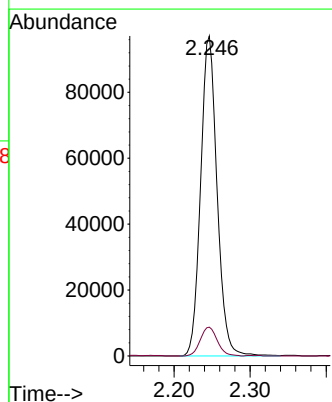
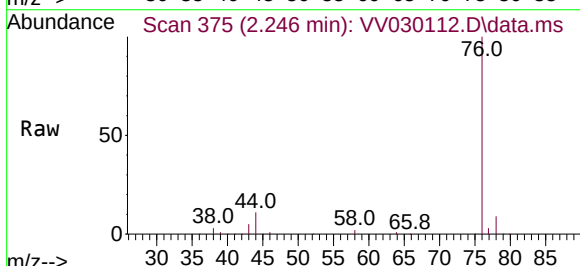
Acq: 02 Mar 2023 09:39

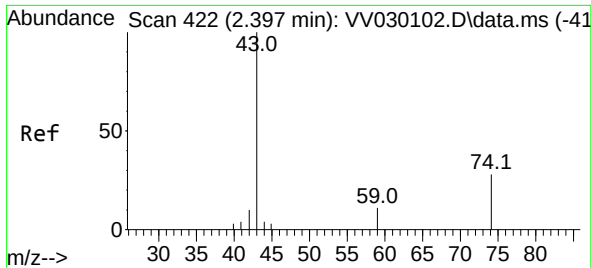
Tgt Ion: 76 Resp: 145664

Ion Ratio Lower Upper

76 100

78 9.0 7.7 11.5

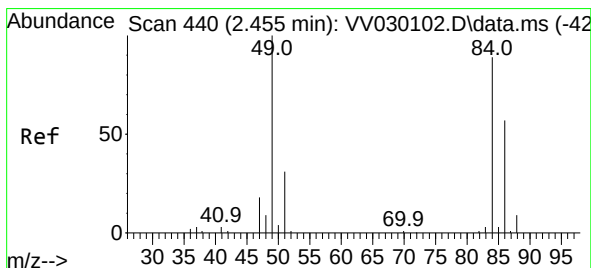
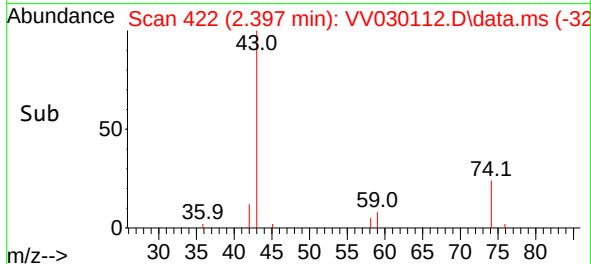
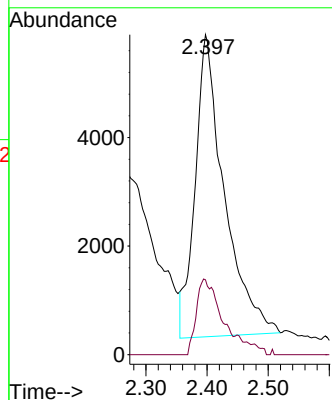
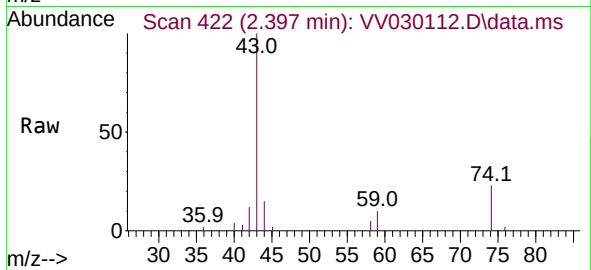




#15
Methyl Acetate
Concen: 6.210 ug/L
RT: 2.397 min Scan# 41
Delta R.T. 0.000 min
Lab File: VV030112.D
Acq: 02 Mar 2023 09:39

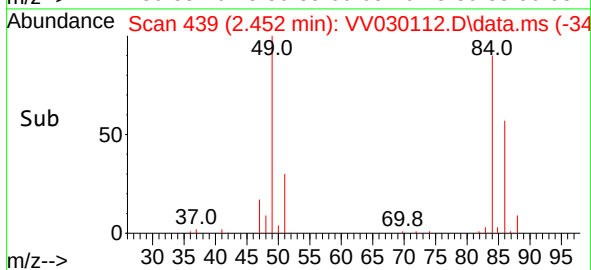
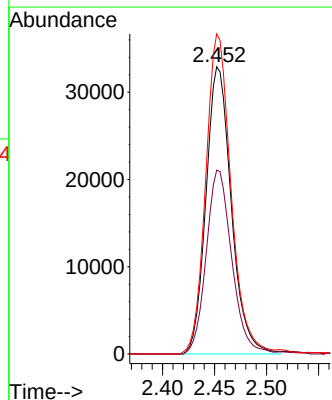
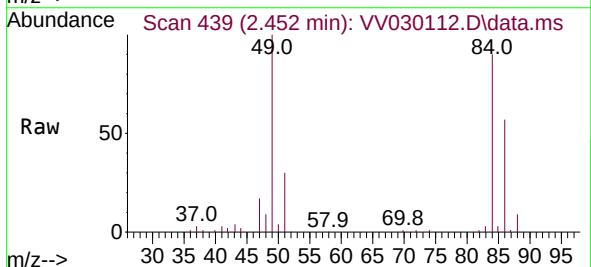
Instrument :
MSVOA_V
ClientSampleId :
VSTD005290

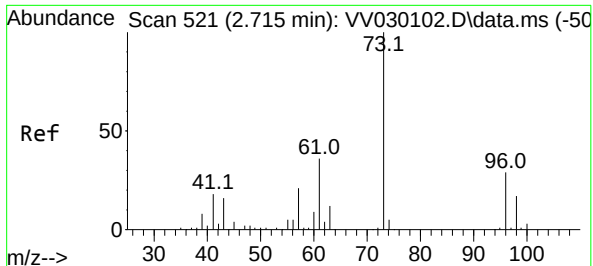
Tgt Ion: 43 Resp: 18414
Ion Ratio Lower Upper
43 100
74 20.4 20.1 30.1



#16
Methylene chloride
Concen: 4.724 ug/L
RT: 2.452 min Scan# 439
Delta R.T. -0.003 min
Lab File: VV030112.D
Acq: 02 Mar 2023 09:39

Tgt Ion: 84 Resp: 55770
Ion Ratio Lower Upper
84 100
86 64.0 44.7 83.1
49 111.4 78.8 146.3





#17

Methyl tert-butyl Ether

Concen: 5.475 ug/L

RT: 2.716 min Scan# 516

Delta R.T. 0.000 min

Lab File: VV030112.D

Acq: 02 Mar 2023 09:39

Instrument :

MSVOA_V

ClientSampleId :

VSTD005290

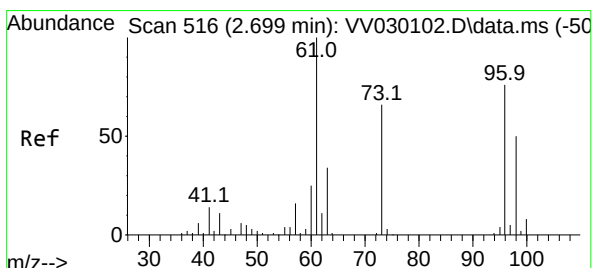
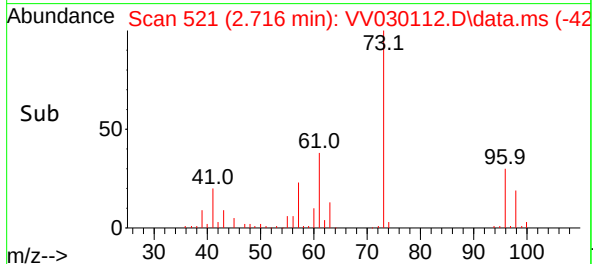
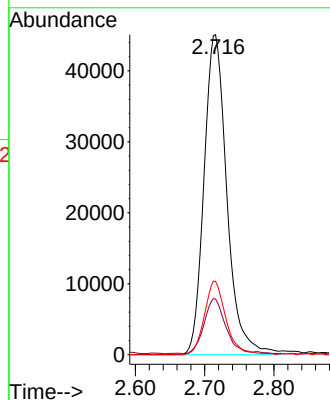
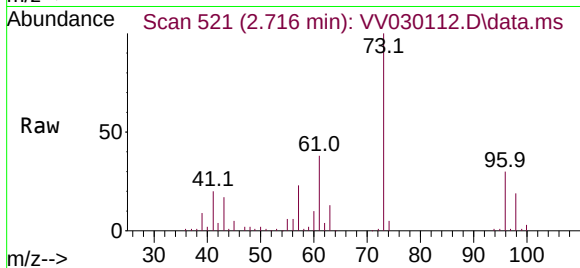
Tgt Ion: 73 Resp: 103465

Ion Ratio Lower Upper

73 100

43 16.1 13.4 20.2

57 21.6 16.8 25.2



#18

trans-1,2-Dichloroethene

Concen: 5.577 ug/L

RT: 2.700 min Scan# 516

Delta R.T. 0.000 min

Lab File: VV030112.D

Acq: 02 Mar 2023 09:39

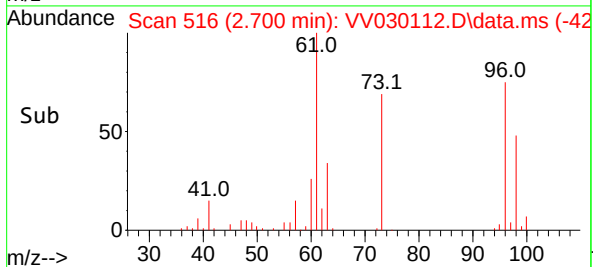
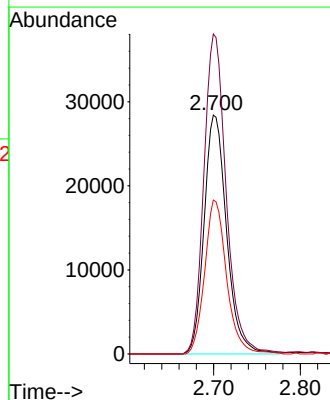
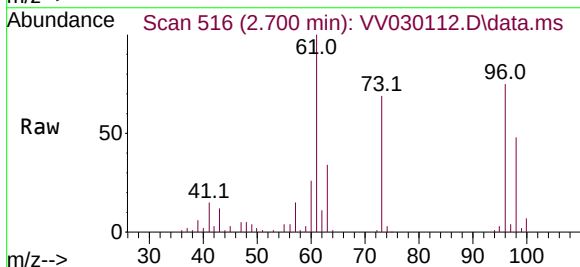
Tgt Ion: 96 Resp: 51266

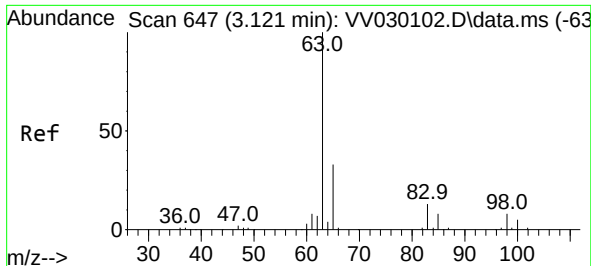
Ion Ratio Lower Upper

96 100

61 134.0 91.0 169.0

98 64.4 45.2 84.0





#19

1,1-Dichloroethane

Concen: 5.828 ug/L

RT: 3.121 min Scan# 64

Delta R.T. 0.000 min

Lab File: VV030112.D

Acq: 02 Mar 2023 09:39

Instrument :

MSVOA_V

ClientSampleId :

VSTD005290

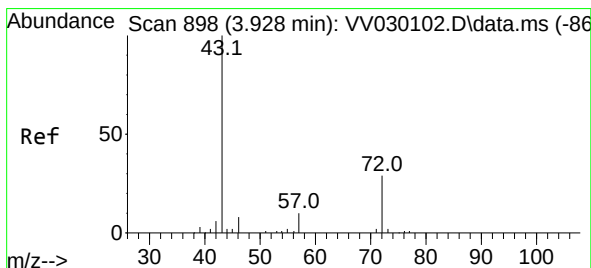
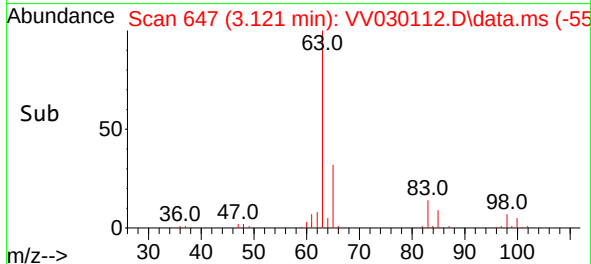
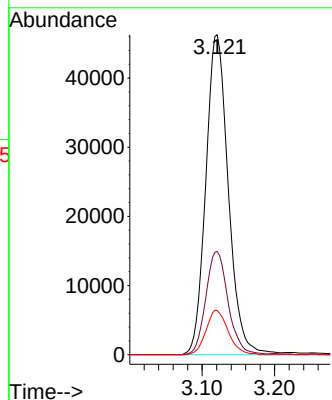
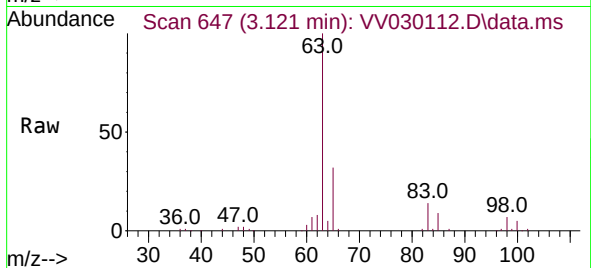
Tgt Ion: 63 Resp: 99812

Ion Ratio Lower Upper

63 100

65 32.3 23.0 42.8

83 13.8 9.6 17.8



#21

2-Butanone

Concen: 52.110 ug/L

RT: 3.918 min Scan# 895

Delta R.T. -0.009 min

Lab File: VV030112.D

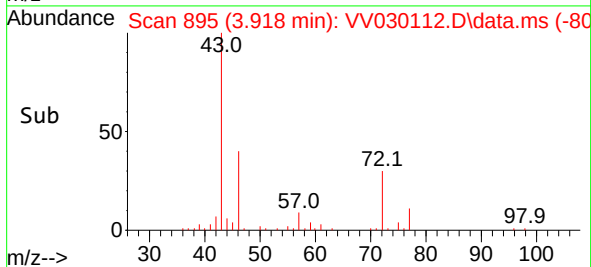
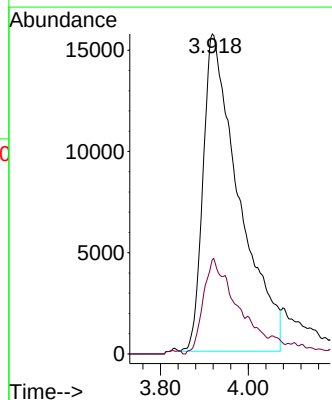
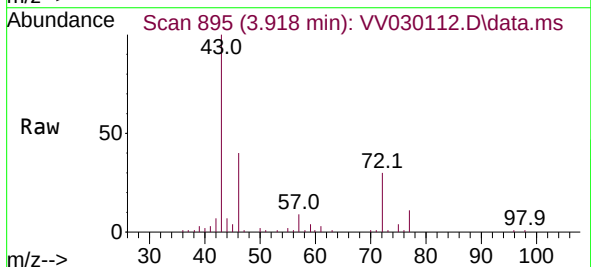
Acq: 02 Mar 2023 09:39

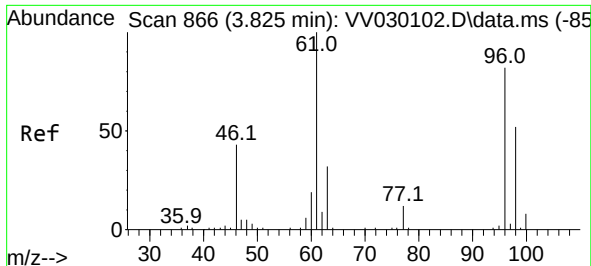
Tgt Ion: 43 Resp: 88984

Ion Ratio Lower Upper

43 100

72 23.9 15.1 45.3

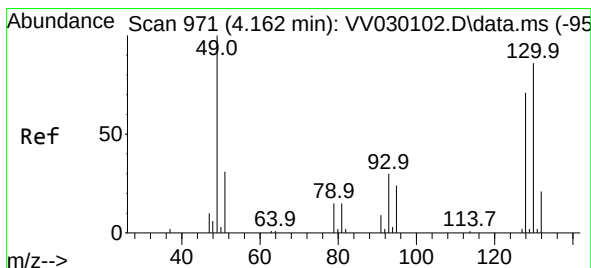
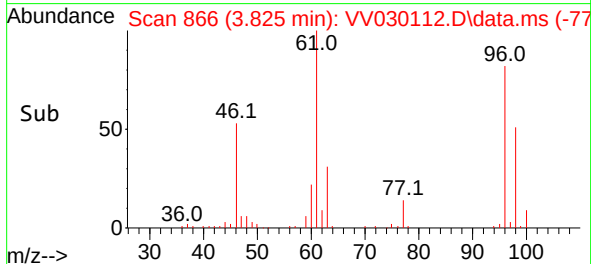
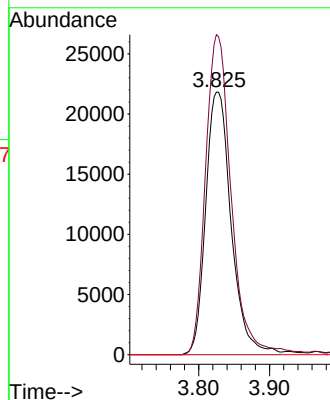
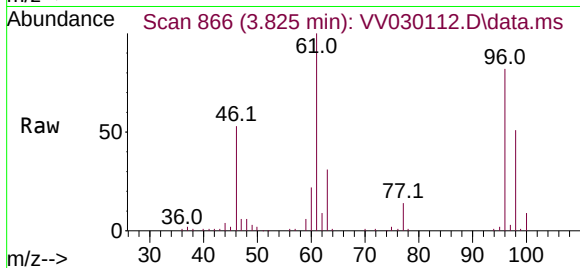




#22
 cis-1,2-Dichloroethene
 Concen: 5.367 ug/L
 RT: 3.825 min Scan# 866
 Delta R.T. 0.000 min
 Lab File: VV030112.D
 Acq: 02 Mar 2023 09:39

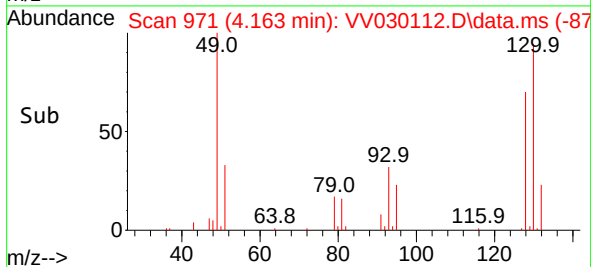
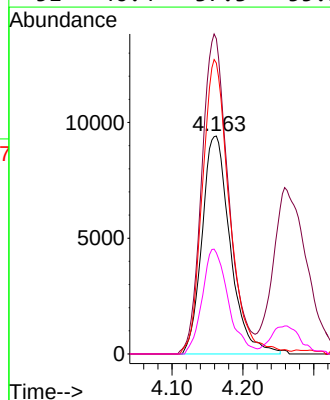
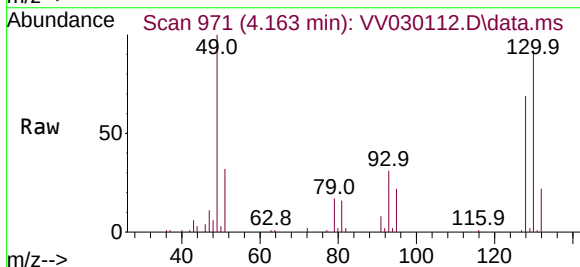
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005290

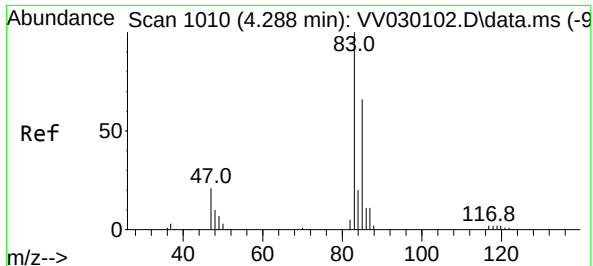
Tgt Ion: 96 Resp: 54531
 Ion Ratio Lower Upper
 96 100
 61 121.9 83.4 154.8
 68 0.0 0.0 0.0



#23
 Bromochloromethane
 Concen: 5.952 ug/L
 RT: 4.163 min Scan# 971
 Delta R.T. 0.000 min
 Lab File: VV030112.D
 Acq: 02 Mar 2023 09:39

Tgt Ion: 128 Resp: 25843
 Ion Ratio Lower Upper
 128 100
 49 144.7 99.5 184.9
 130 133.5 90.5 168.1
 51 46.4 37.3 55.9





#25

Chloroform

Concen: 5.869 ug/L

RT: 4.288 min Scan# 1010

Delta R.T. 0.000 min

Lab File: VV030112.D

Acq: 02 Mar 2023 09:39

Instrument :

MSVOA_V

ClientSampleId :

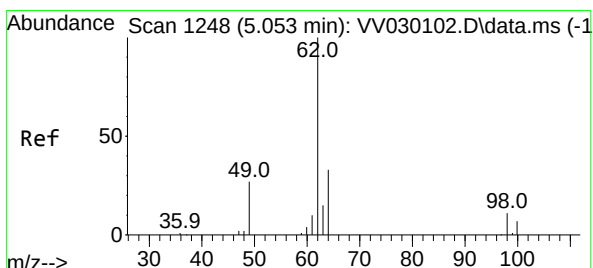
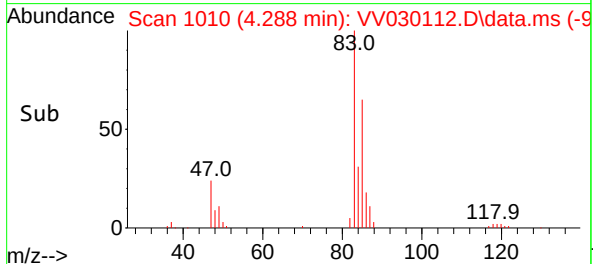
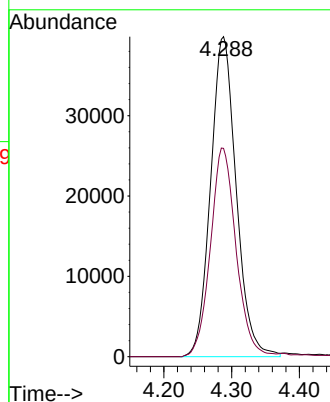
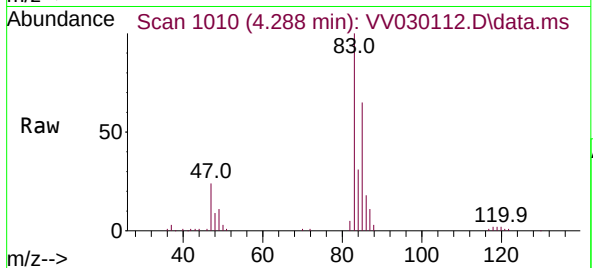
VSTD005290

Tgt Ion: 83 Resp: 104566

Ion Ratio Lower Upper

83 100

85 65.1 46.5 86.5



#27

1,2-Dichloroethane

Concen: 5.964 ug/L

RT: 5.053 min Scan# 1248

Delta R.T. 0.000 min

Lab File: VV030112.D

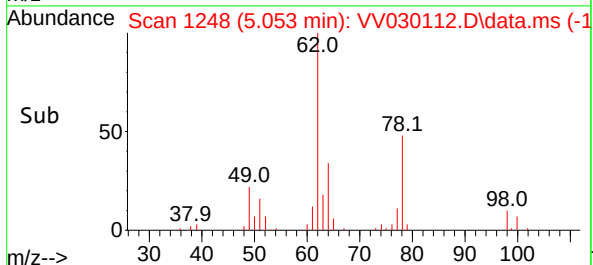
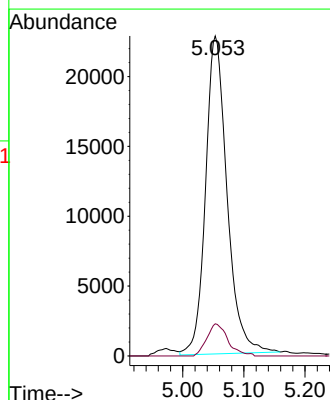
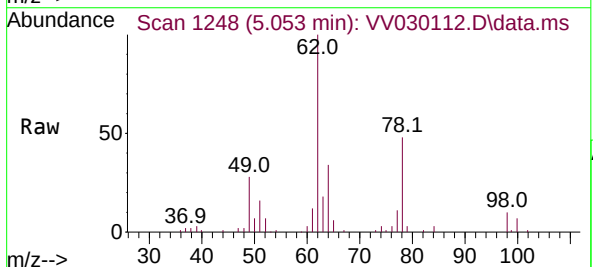
Acq: 02 Mar 2023 09:39

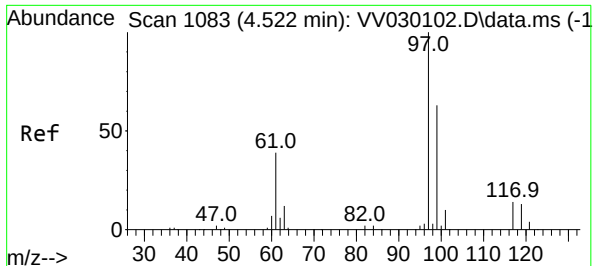
Tgt Ion: 62 Resp: 55577

Ion Ratio Lower Upper

62 100

98 10.1 9.0 13.4





#29

1,1,1-Trichloroethane

Concen: 5.624 ug/L

RT: 4.523 min Scan# 1083

Delta R.T. 0.000 min

Lab File: VV030112.D

Acq: 02 Mar 2023 09:39

Instrument :

MSVOA_V

ClientSampleId :

VSTD005290

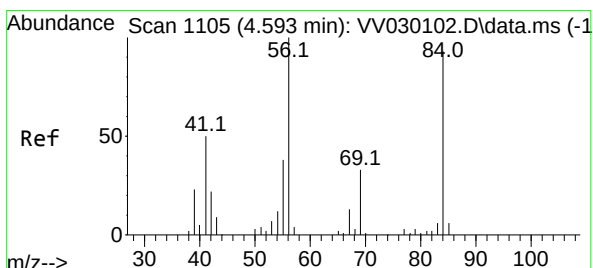
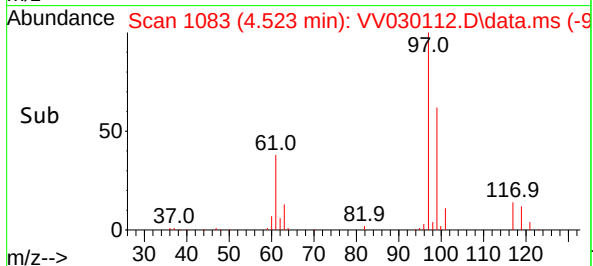
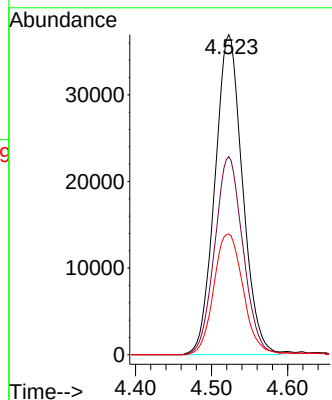
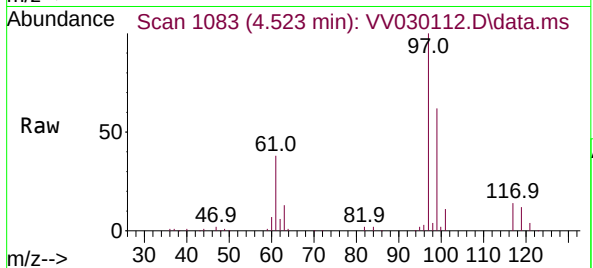
Tgt Ion: 97 Resp: 93283

Ion Ratio Lower Upper

97 100

99 63.7 51.3 76.9

61 40.1 31.5 47.3



#30

Cyclohexane

Concen: 4.947 ug/L

RT: 4.593 min Scan# 1105

Delta R.T. 0.000 min

Lab File: VV030112.D

Acq: 02 Mar 2023 09:39

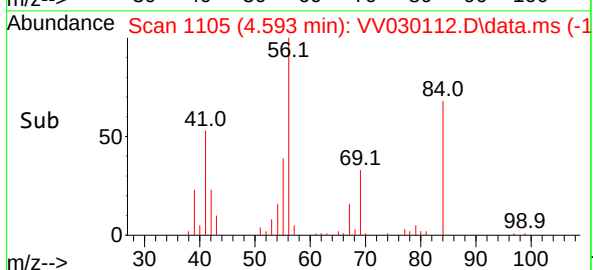
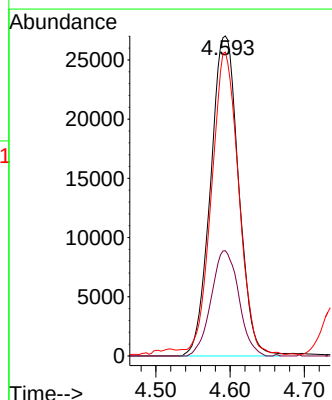
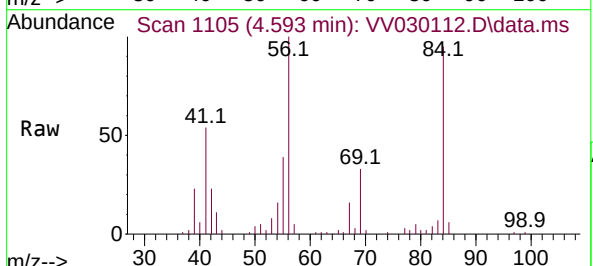
Tgt Ion: 56 Resp: 70902

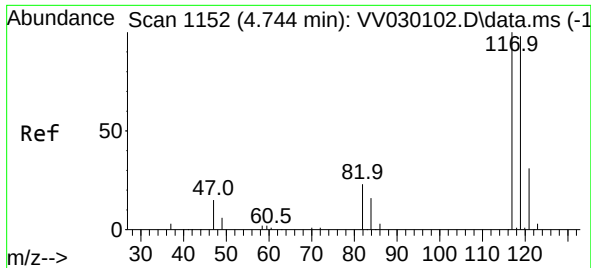
Ion Ratio Lower Upper

56 100

69 32.4 25.1 37.7

84 89.5 74.6 111.8

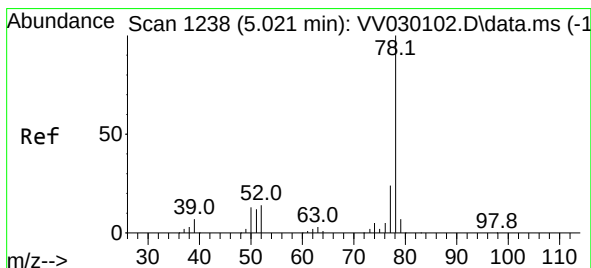
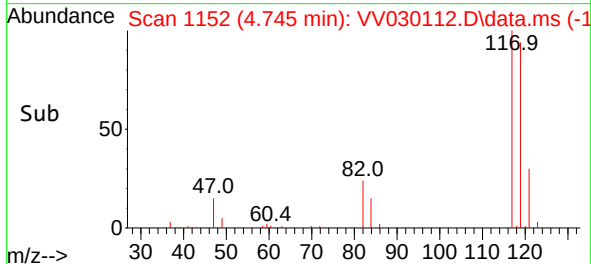
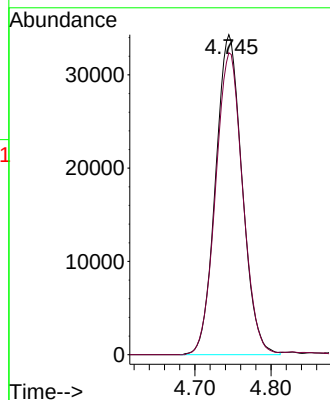
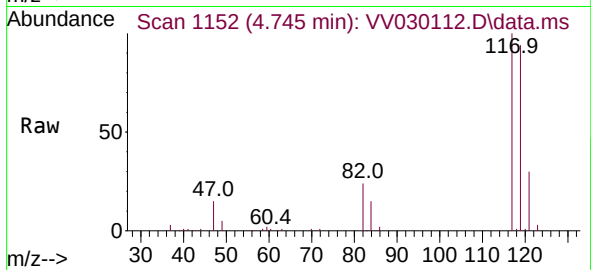




#31
Carbon tetrachloride
Concen: 5.582 ug/L
RT: 4.745 min Scan# 1152
Delta R.T. 0.000 min
Lab File: VV030112.D
Acq: 02 Mar 2023 09:39

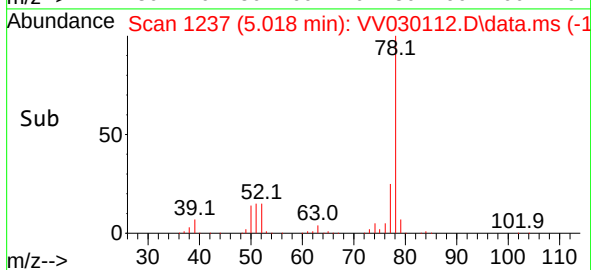
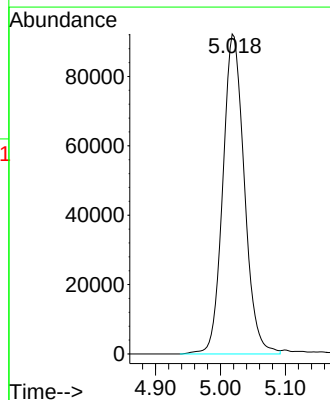
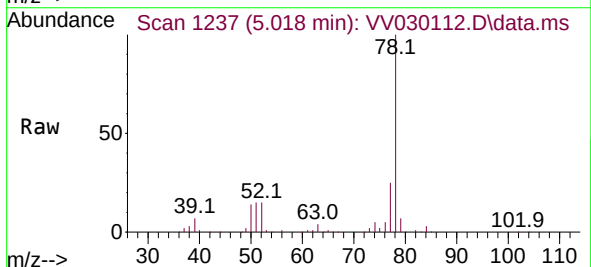
Instrument :
MSVOA_V
ClientSampleId :
VSTD005290

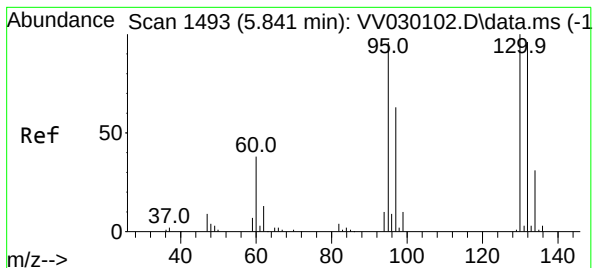
Tgt Ion:117 Resp: 83229
Ion Ratio Lower Upper
117 100
119 96.3 76.1 114.1



#33
Benzene
Concen: 5.491 ug/L
RT: 5.018 min Scan# 1237
Delta R.T. -0.003 min
Lab File: VV030112.D
Acq: 02 Mar 2023 09:39

Tgt Ion: 78 Resp: 211743





#34

Trichloroethene

Concen: 5.177 ug/L

RT: 5.841 min Scan# 1493

Delta R.T. 0.000 min

Lab File: VV030112.D

Acq: 02 Mar 2023 09:39

Instrument :

MSVOA_V

ClientSampleId :

VSTD005290

Tgt Ion: 95 Resp: 55943

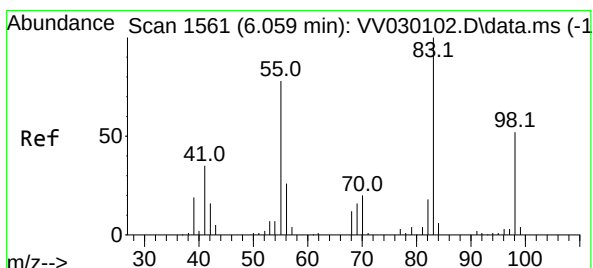
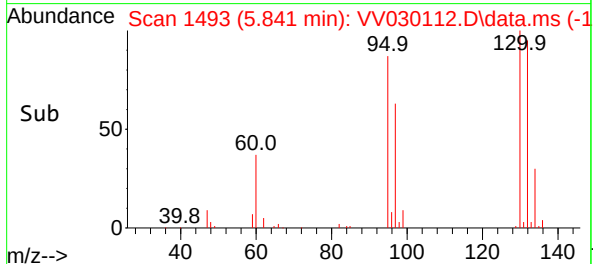
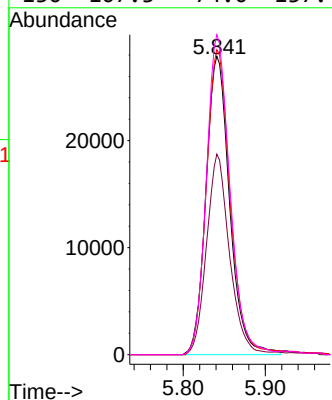
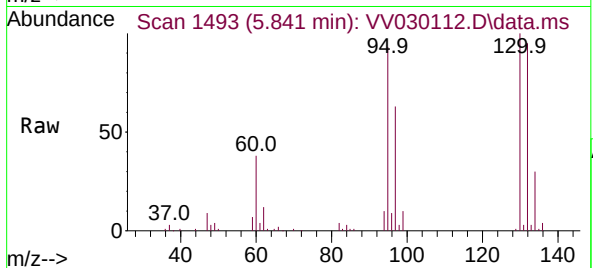
Ion Ratio Lower Upper

95 100

97 67.2 46.5 86.5

132 102.2 71.7 133.3

130 107.3 74.0 137.4



#35

Methylcyclohexane

Concen: 4.972 ug/L

RT: 6.060 min Scan# 1561

Delta R.T. 0.000 min

Lab File: VV030112.D

Acq: 02 Mar 2023 09:39

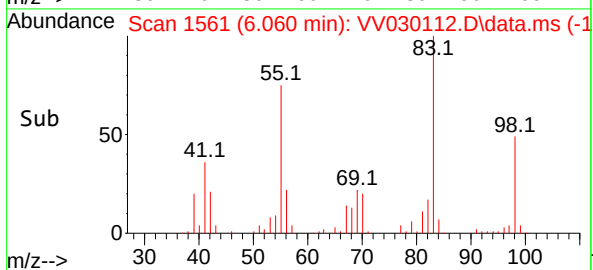
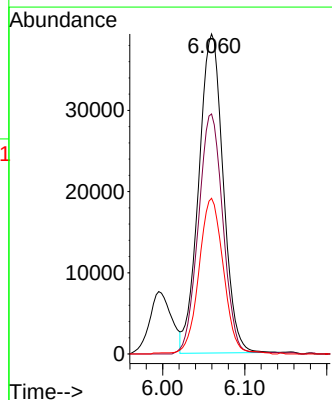
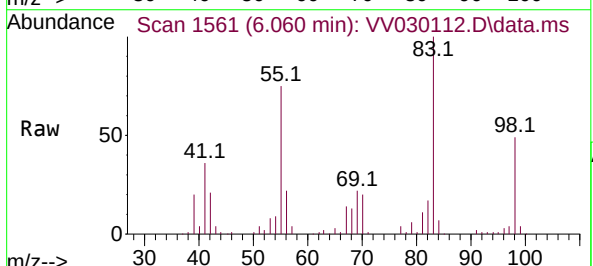
Tgt Ion: 83 Resp: 81311

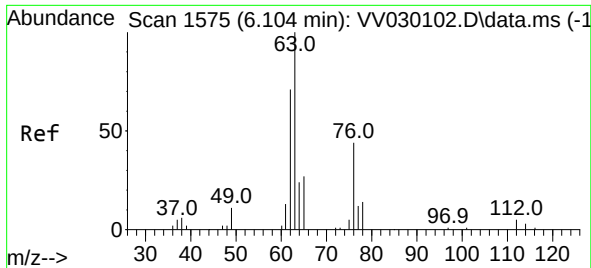
Ion Ratio Lower Upper

83 100

55 75.7 57.6 86.4

98 49.1 38.8 58.2

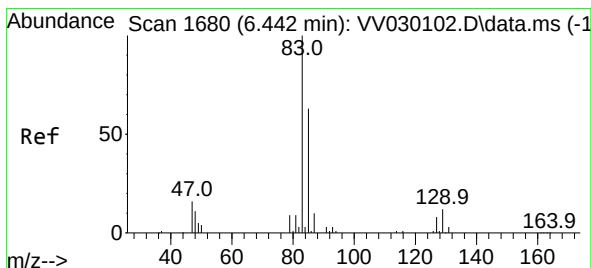
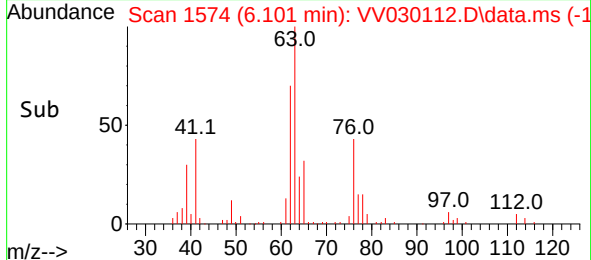
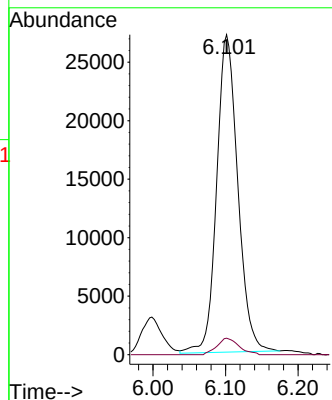
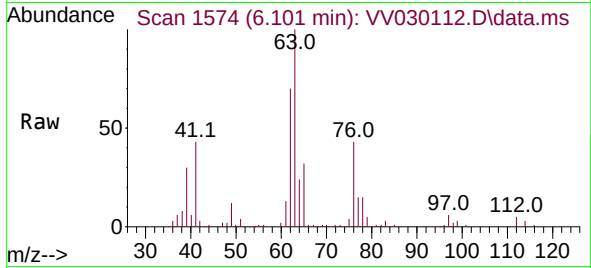




#37
1,2-Dichloropropane
Concen: 5.596 ug/L
RT: 6.101 min Scan# 11
Delta R.T. -0.003 min
Lab File: VV030112.D
Acq: 02 Mar 2023 09:39

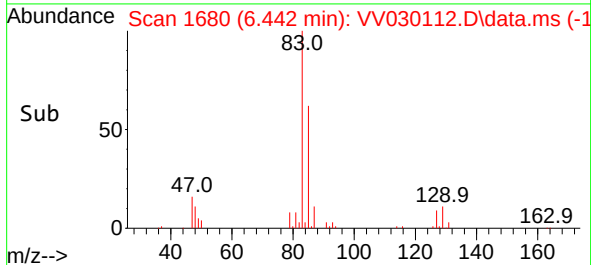
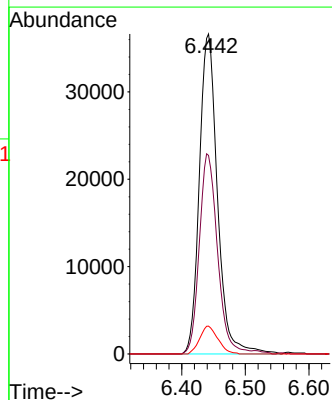
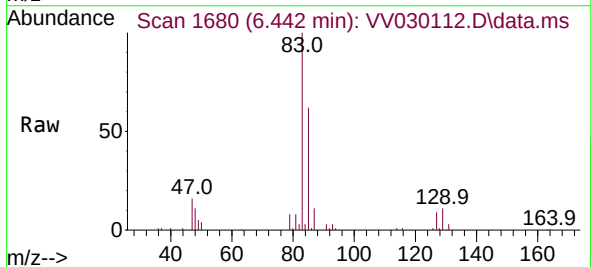
Instrument :
MSVOA_V
ClientSampleId :
VSTD005290

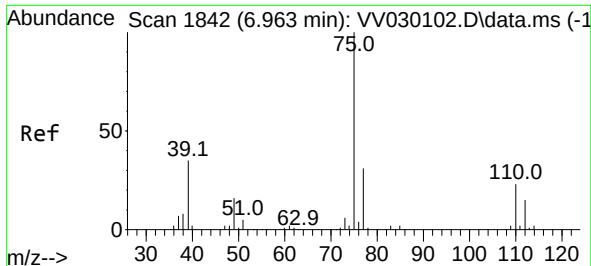
Tgt Ion: 63 Resp: 54899
Ion Ratio Lower Upper
63 100
112 5.4 3.8 5.6



#38
Bromodichloromethane
Concen: 5.790 ug/L
RT: 6.442 min Scan# 1680
Delta R.T. 0.000 min
Lab File: VV030112.D
Acq: 02 Mar 2023 09:39

Tgt Ion: 83 Resp: 72511
Ion Ratio Lower Upper
83 100
85 62.1 44.3 82.3
127 8.7 7.2 10.8





#39

cis-1,3-Dichloropropene

Concen: 5.278 ug/L

RT: 6.963 min Scan# 1842

Delta R.T. 0.000 min

Lab File: VV030112.D

Acq: 02 Mar 2023 09:39

Instrument :

MSVOA_V

ClientSampleId :

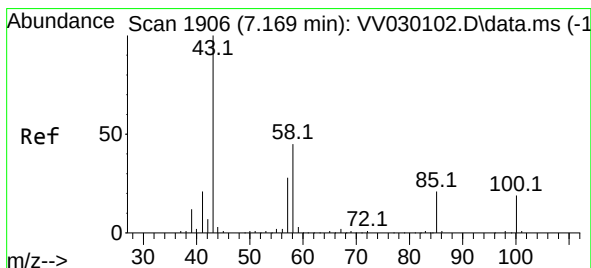
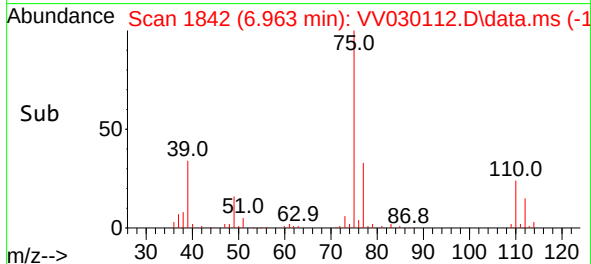
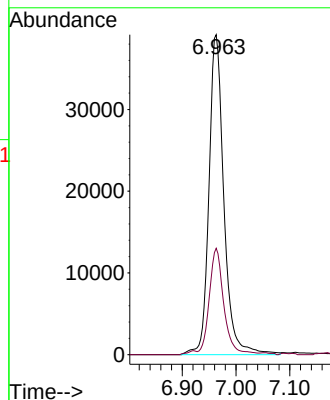
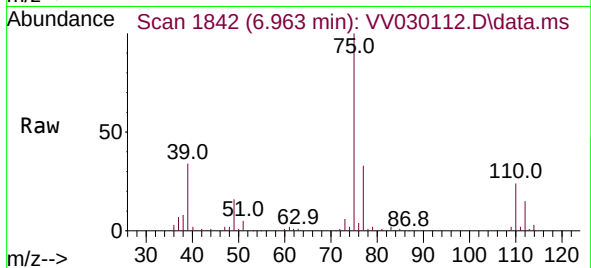
VSTD005290

Tgt Ion: 75 Resp: 75797

Ion Ratio Lower Upper

75 100

77 33.2 22.3 41.3



#40

4-Methyl-2-pentanone

Concen: 57.220 ug/L

RT: 7.169 min Scan# 1906

Delta R.T. 0.000 min

Lab File: VV030112.D

Acq: 02 Mar 2023 09:39

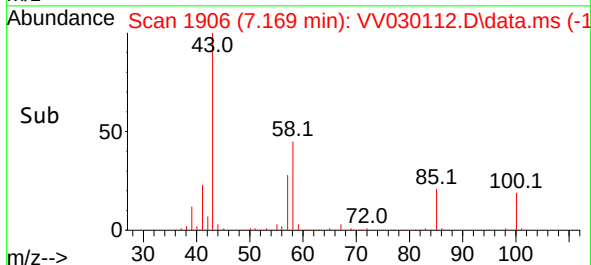
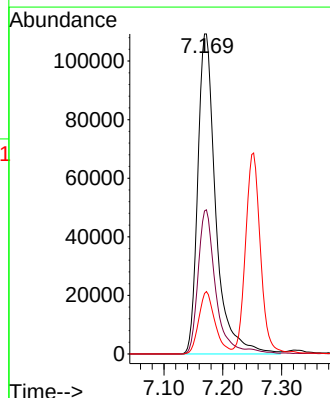
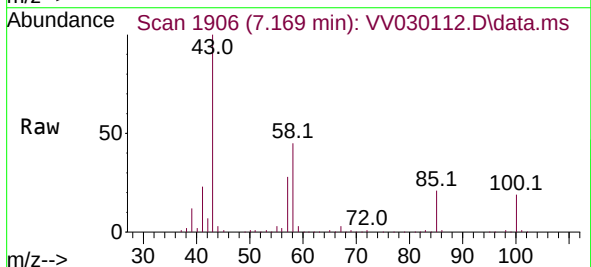
Tgt Ion: 43 Resp: 231651

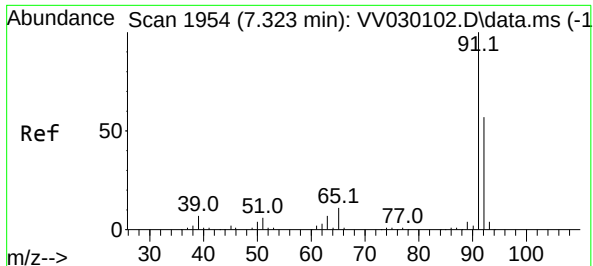
Ion Ratio Lower Upper

43 100

58 43.2 35.3 52.9

100 17.6 14.7 22.1





#42

Toluene

Concen: 5.578 ug/L

RT: 7.323 min Scan# 1954

Delta R.T. 0.000 min

Lab File: VV030112.D

Acq: 02 Mar 2023 09:39

Instrument :

MSVOA_V

ClientSampleId :

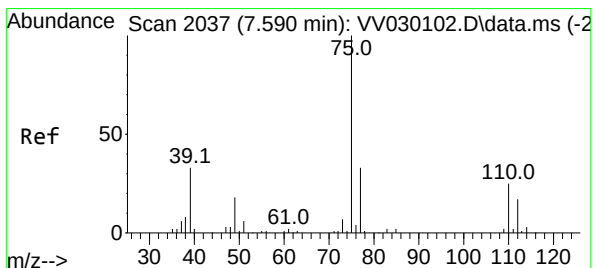
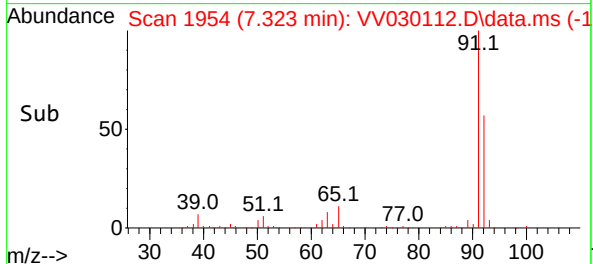
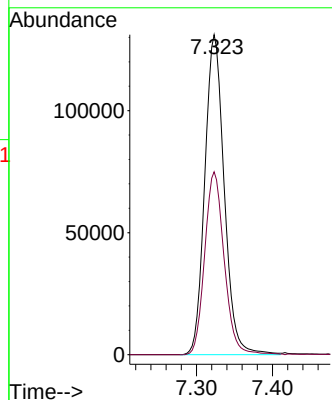
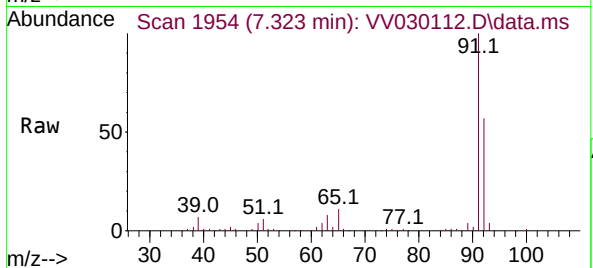
VSTD005290

Tgt Ion: 91 Resp: 232994

Ion Ratio Lower Upper

91 100

92 57.2 39.6 73.6



#44

trans-1,3-Dichloropropene

Concen: 5.614 ug/L

RT: 7.590 min Scan# 2037

Delta R.T. 0.000 min

Lab File: VV030112.D

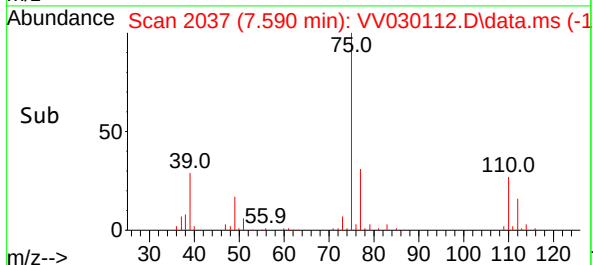
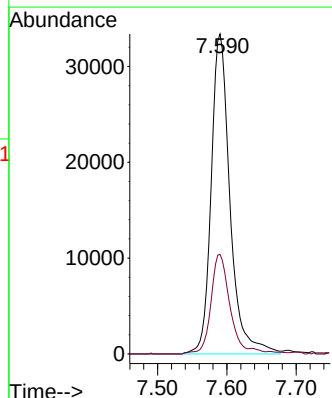
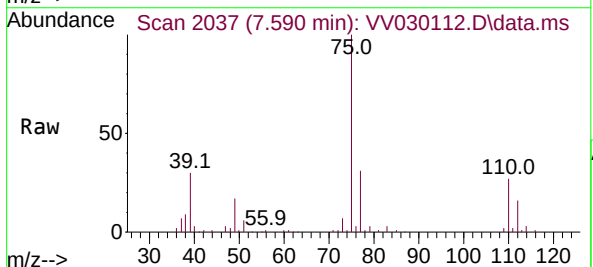
Acq: 02 Mar 2023 09:39

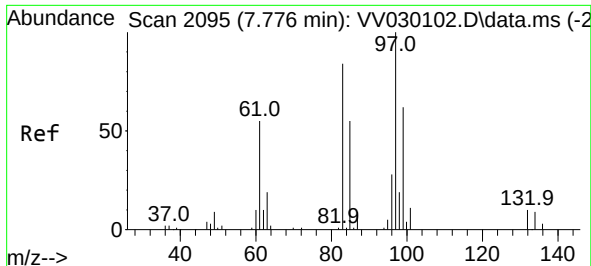
Tgt Ion: 75 Resp: 62945

Ion Ratio Lower Upper

75 100

77 31.1 22.1 41.1

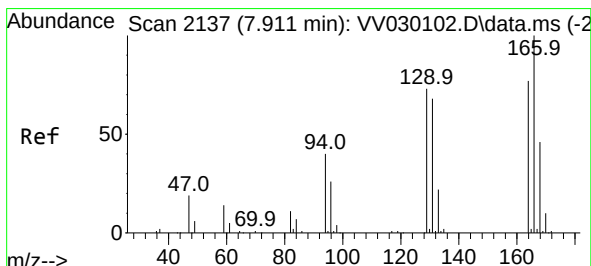
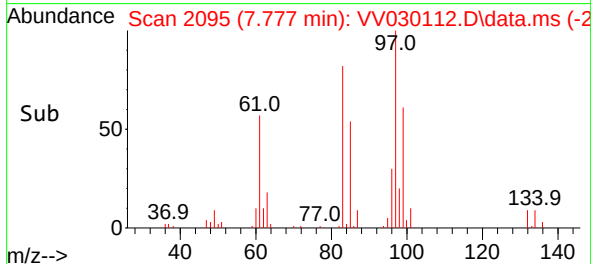
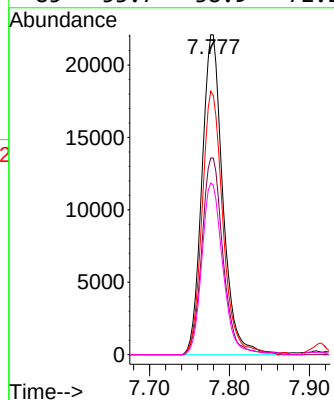
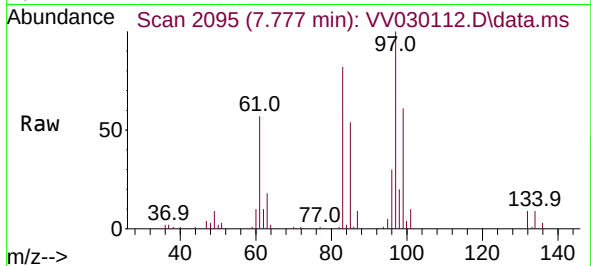




#45
1,1,2-Trichloroethane
Concen: 5.742 ug/L
RT: 7.777 min Scan# 2095
Delta R.T. 0.000 min
Lab File: VV030112.D
Acq: 02 Mar 2023 09:39

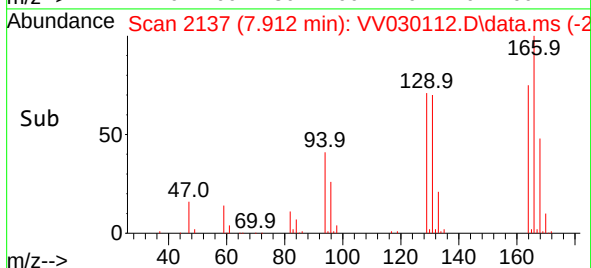
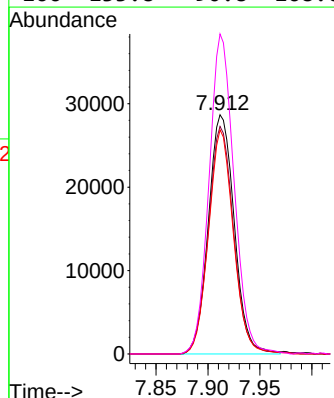
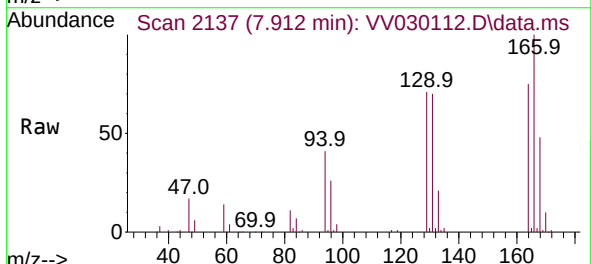
Instrument :
MSVOA_V
ClientSampleId :
VSTD005290

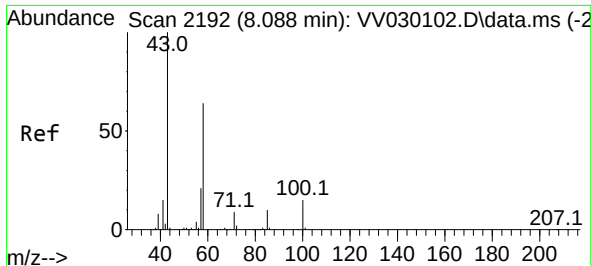
Tgt Ion:	97	Resp:	40312
Ion	Ratio	Lower	Upper
97	100		
99	61.5	42.6	79.2
83	82.4	57.7	107.3
85	53.7	38.9	72.2



#47
Tetrachloroethene
Concen: 5.356 ug/L
RT: 7.912 min Scan# 2137
Delta R.T. 0.000 min
Lab File: VV030112.D
Acq: 02 Mar 2023 09:39

Tgt Ion:	164	Resp:	49678
Ion	Ratio	Lower	Upper
164	100		
129	95.1	63.6	118.2
131	93.7	61.7	114.7
166	133.8	90.8	168.6



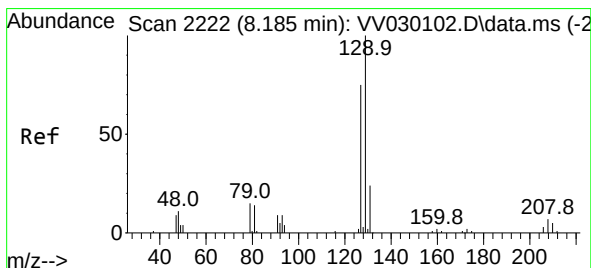
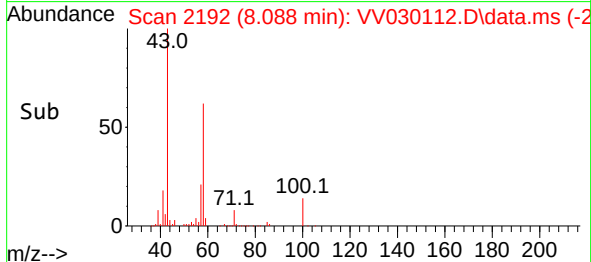
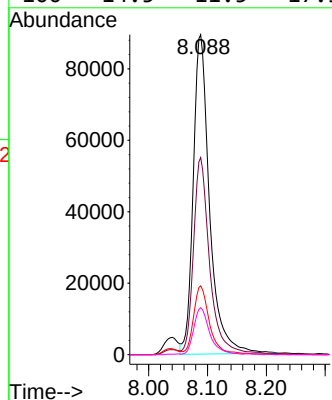
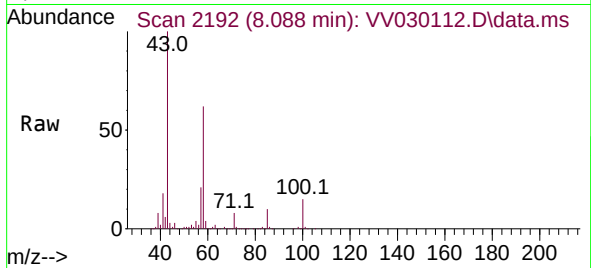


#48
2-Hexanone
Concen: 59.674 ug/L
RT: 8.088 min Scan# 2192
Delta R.T. 0.000 min
Lab File: VV030112.D
Acq: 02 Mar 2023 09:39

Instrument :
MSVOA_V
ClientSampleId :
VSTD005290

Tgt Ion: 43 Resp: 172949

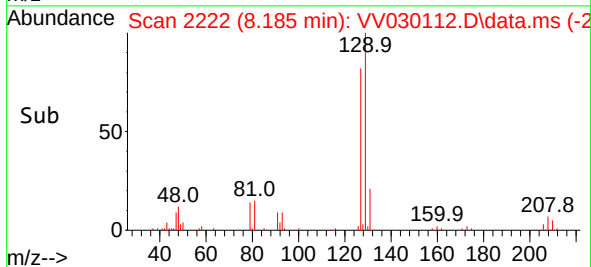
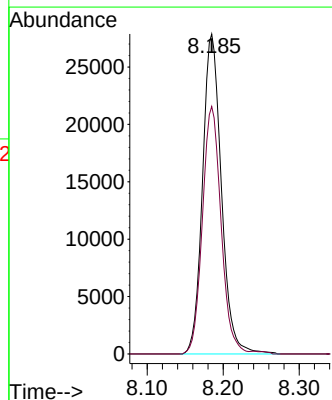
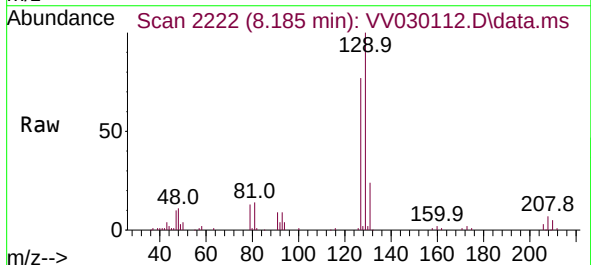
Ion	Ratio	Lower	Upper
43	100		
58	60.3	49.8	74.8
57	20.9	16.6	24.8
100	14.5	11.5	17.3

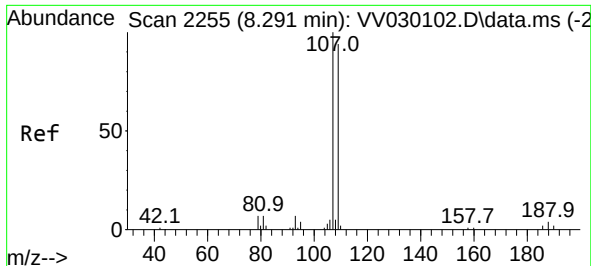


#49
Dibromochloromethane
Concen: 5.853 ug/L
RT: 8.185 min Scan# 2222
Delta R.T. 0.000 min
Lab File: VV030112.D
Acq: 02 Mar 2023 09:39

Tgt Ion: 129 Resp: 48078

Ion	Ratio	Lower	Upper
129	100		
127	77.4	54.7	101.5

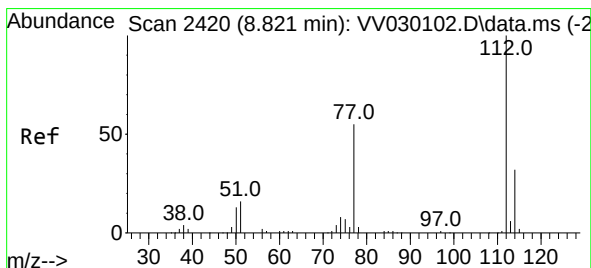
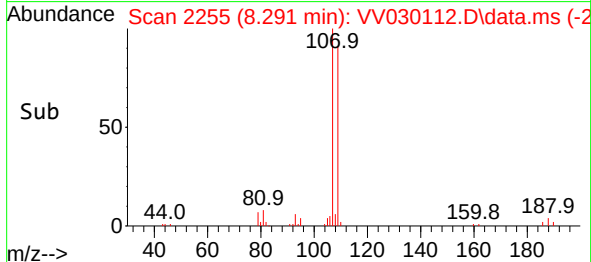
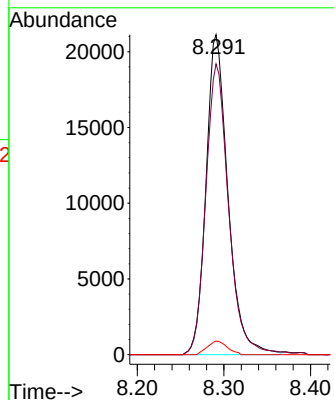
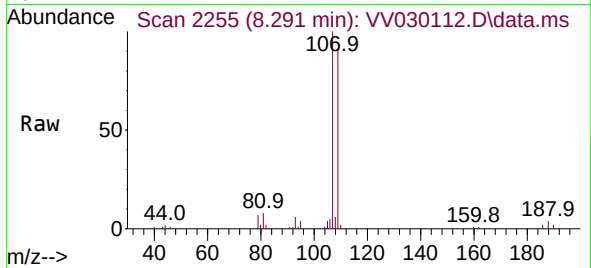




#50
1,2-Dibromoethane
Concen: 5.684 ug/L
RT: 8.291 min Scan# 211
Delta R.T. 0.000 min
Lab File: VV030112.D
Acq: 02 Mar 2023 09:39

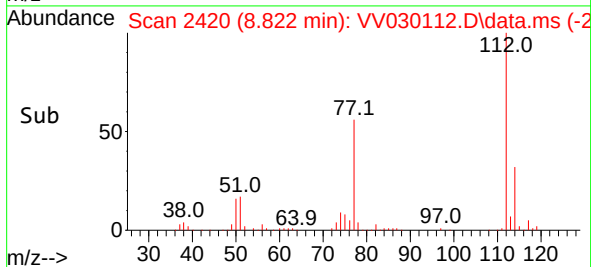
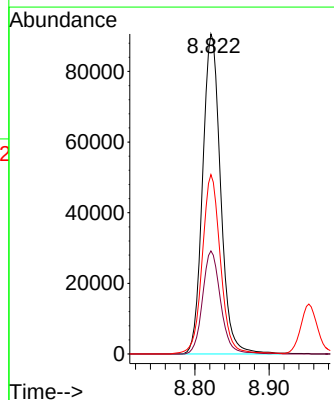
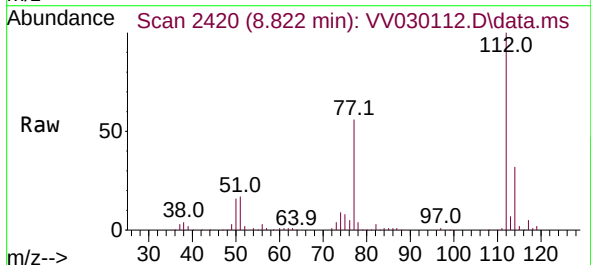
Instrument :
MSVOA_V
ClientSampleId :
VSTD005290

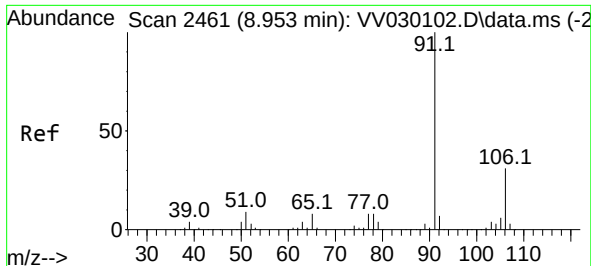
Tgt Ion:107 Resp: 37230
Ion Ratio Lower Upper
107 100
109 90.8 63.3 117.7
188 4.2 3.0 4.6



#51
Chlorobenzene
Concen: 5.405 ug/L
RT: 8.822 min Scan# 2420
Delta R.T. 0.000 min
Lab File: VV030112.D
Acq: 02 Mar 2023 09:39

Tgt Ion:112 Resp: 152256
Ion Ratio Lower Upper
112 100
114 32.2 22.5 41.7
77 56.1 45.3 67.9





#52

Ethylbenzene

Concen: 5.301 ug/L

RT: 8.953 min Scan# 2461

Delta R.T. 0.000 min

Lab File: VV030112.D

Acq: 02 Mar 2023 09:39

Instrument :

MSVOA_V

ClientSampleId :

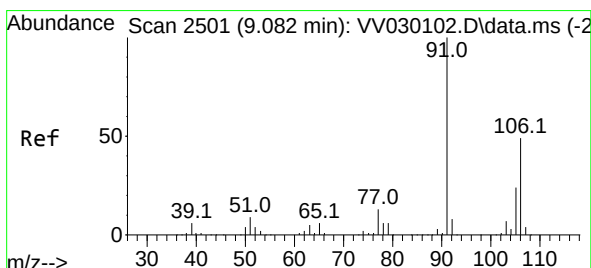
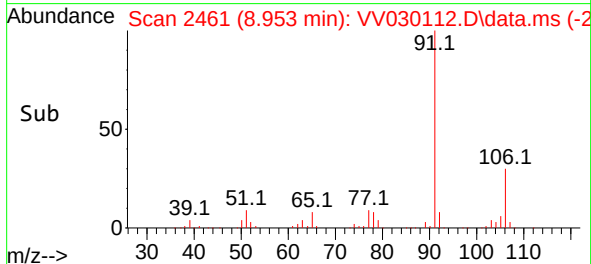
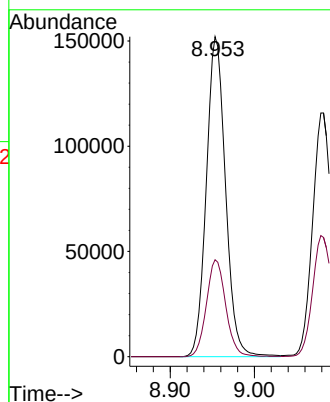
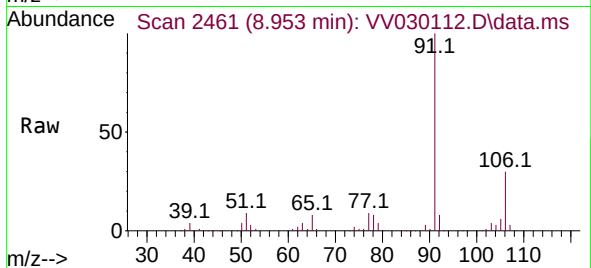
VSTD005290

Tgt Ion: 91 Resp: 240977

Ion Ratio Lower Upper

91 100

106 30.3 22.0 40.8



#53

m,p-Xylene

Concen: 5.393 ug/L

RT: 9.079 min Scan# 2500

Delta R.T. -0.003 min

Lab File: VV030112.D

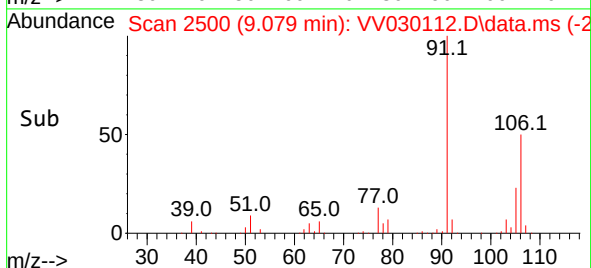
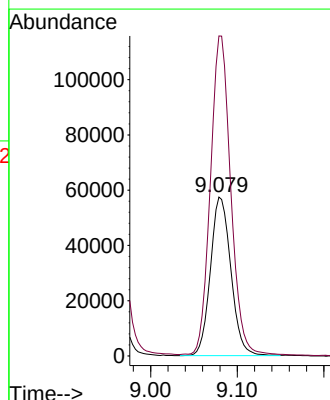
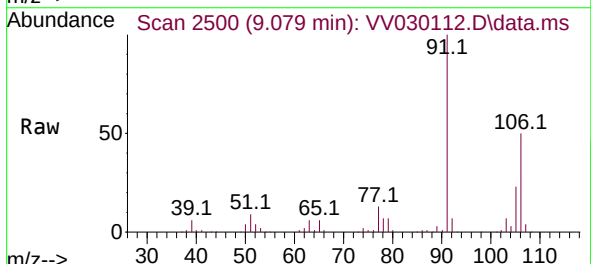
Acq: 02 Mar 2023 09:39

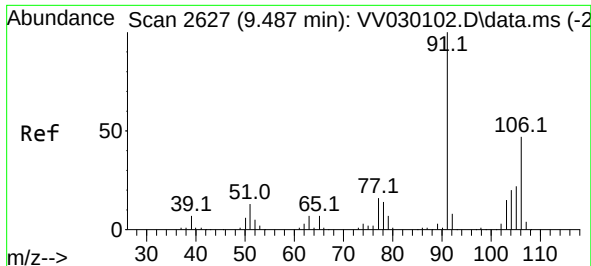
Tgt Ion: 106 Resp: 94225

Ion Ratio Lower Upper

106 100

91 201.3 142.5 264.7

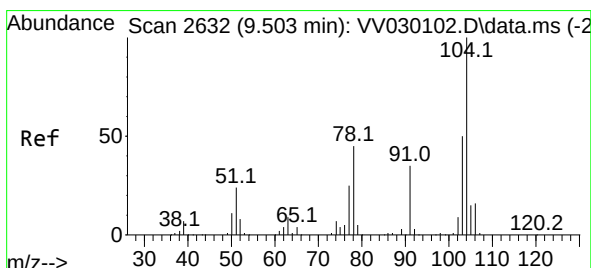
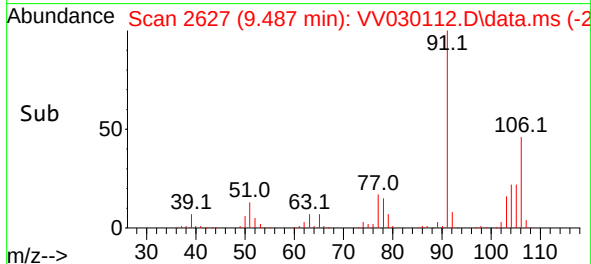
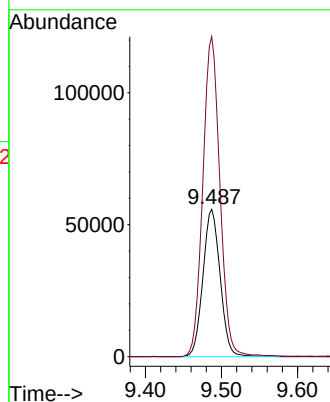
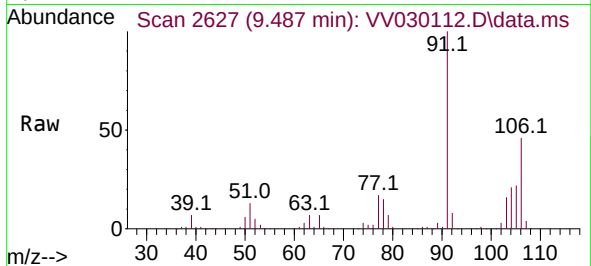




#54
o-Xylene
Concen: 5.260 ug/L
RT: 9.487 min Scan# 2627
Delta R.T. 0.000 min
Lab File: VV030112.D
Acq: 02 Mar 2023 09:39

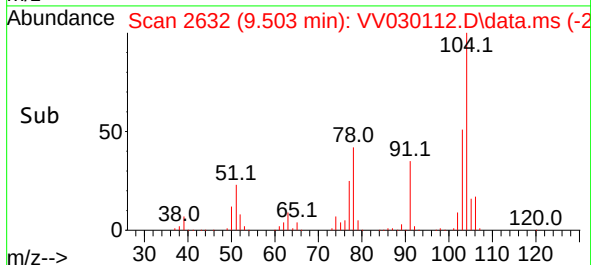
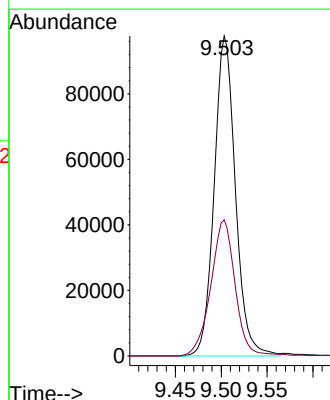
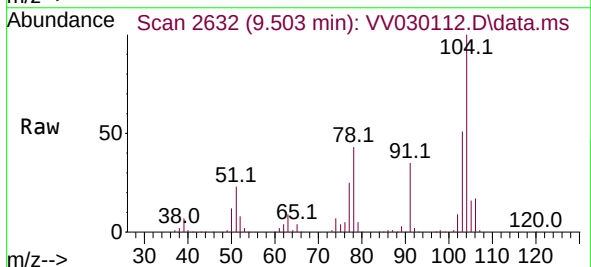
Instrument :
MSVOA_V
ClientSampleId :
VSTD005290

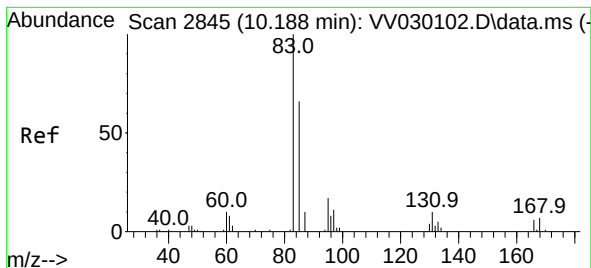
Tgt Ion:106 Resp: 87772
Ion Ratio Lower Upper
106 100
91 217.1 148.8 276.4



#55
Styrene
Concen: 5.669 ug/L
RT: 9.503 min Scan# 2632
Delta R.T. 0.000 min
Lab File: VV030112.D
Acq: 02 Mar 2023 09:39

Tgt Ion:104 Resp: 157313
Ion Ratio Lower Upper
104 100
78 42.5 31.1 57.9

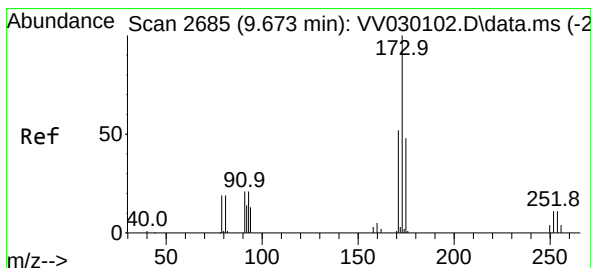
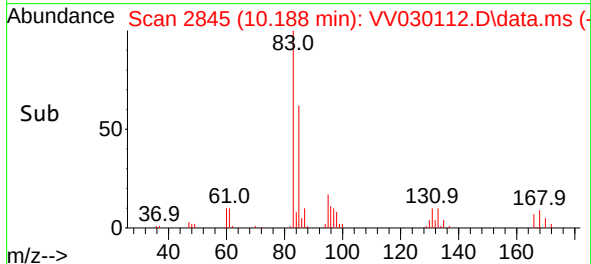
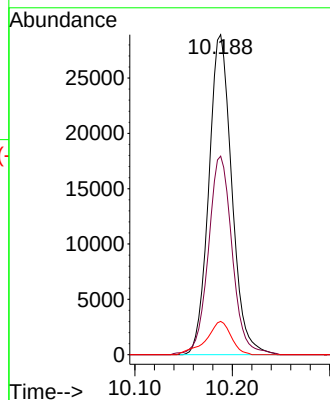
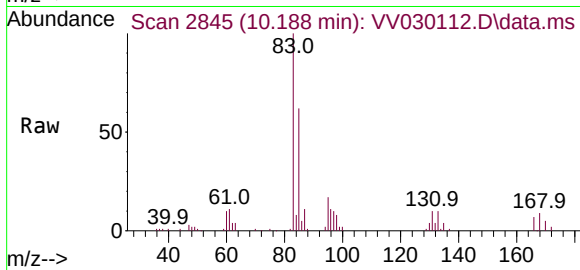




#57
 1,1,2,2-Tetrachloroethane
 Concen: 6.037 ug/L
 RT: 10.188 min Scan# 2845
 Delta R.T. 0.000 min
 Lab File: VV030112.D
 Acq: 02 Mar 2023 09:39

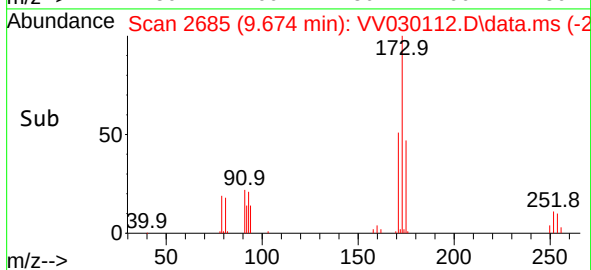
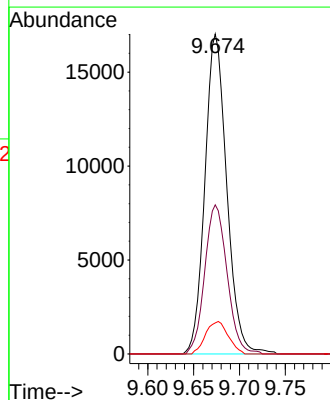
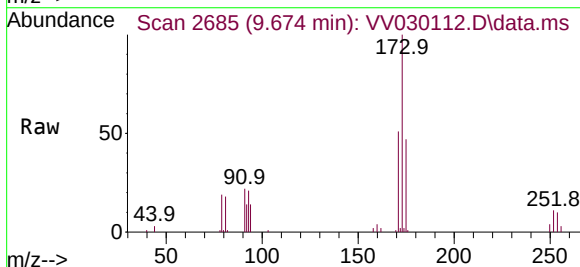
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005290

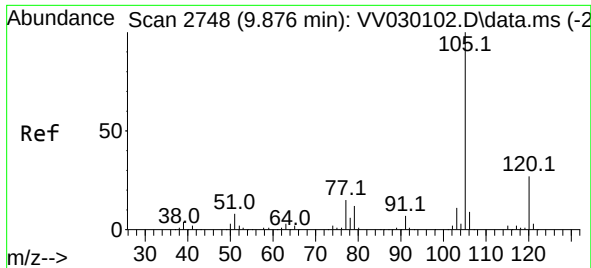
Tgt Ion: 83 Resp: 47409
 Ion Ratio Lower Upper
 83 100
 85 62.1 45.0 83.6
 131 10.4 8.2 12.4



#59
 Bromoform
 Concen: 5.598 ug/L
 RT: 9.674 min Scan# 2685
 Delta R.T. 0.000 min
 Lab File: VV030112.D
 Acq: 02 Mar 2023 09:39

Tgt Ion: 173 Resp: 28220
 Ion Ratio Lower Upper
 173 100
 175 47.7 38.5 57.7
 254 10.5 8.6 13.0

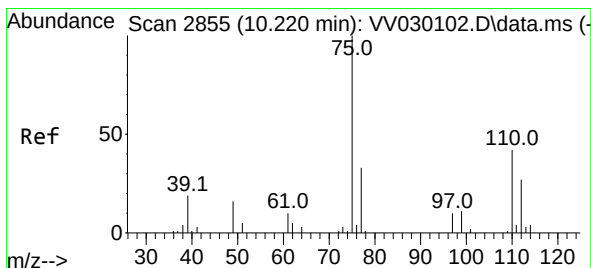
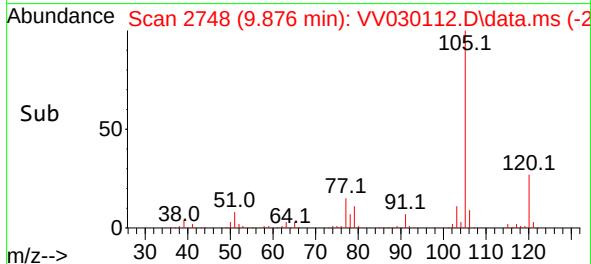
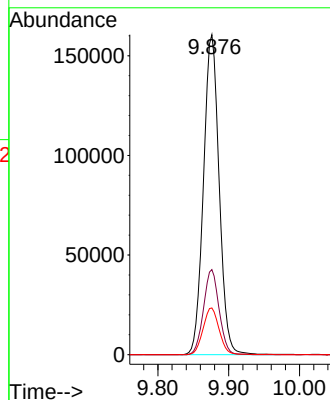
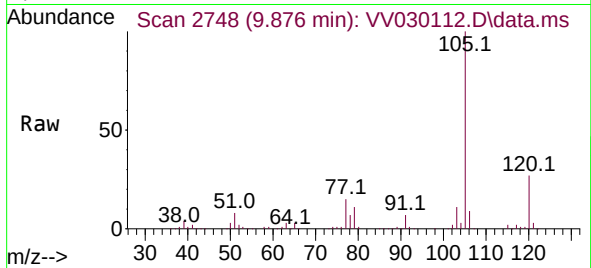




#60
Isopropylbenzene
Concen: 5.104 ug/L
RT: 9.876 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV030112.D
Acq: 02 Mar 2023 09:39

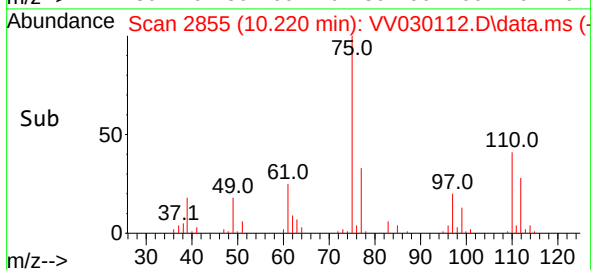
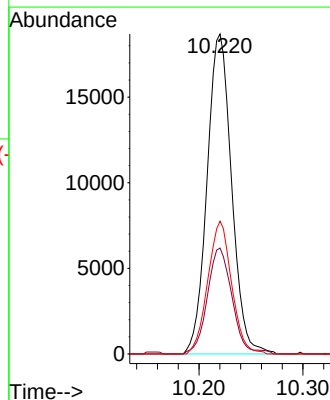
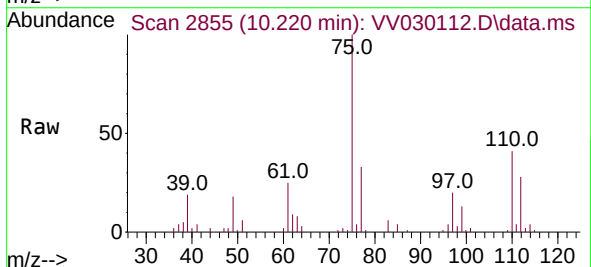
Instrument :
MSVOA_V
ClientSampleId :
VSTD005290

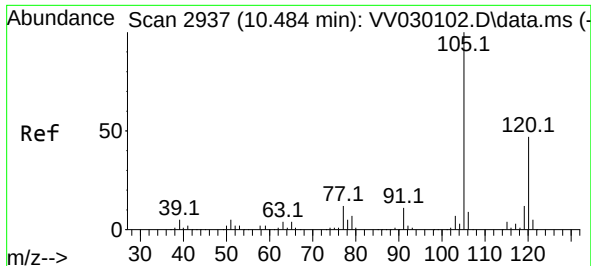
Tgt Ion:105 Resp: 246979
Ion Ratio Lower Upper
105 100
120 26.4 21.4 32.0
77 15.0 12.1 18.1



#61
1,2,3-Trichloropropane
Concen: 5.443 ug/L
RT: 10.220 min Scan# 2855
Delta R.T. 0.000 min
Lab File: VV030112.D
Acq: 02 Mar 2023 09:39

Tgt Ion: 75 Resp: 30640
Ion Ratio Lower Upper
75 100
77 33.3 26.5 39.7
110 40.3 31.8 47.6





#62

1,3,5-Trimethylbenzene

Concen: 4.915 ug/L

RT: 10.484 min Scan# 2937

Delta R.T. 0.000 min

Lab File: VV030112.D

Acq: 02 Mar 2023 09:39

Instrument :

MSVOA_V

ClientSampleId :

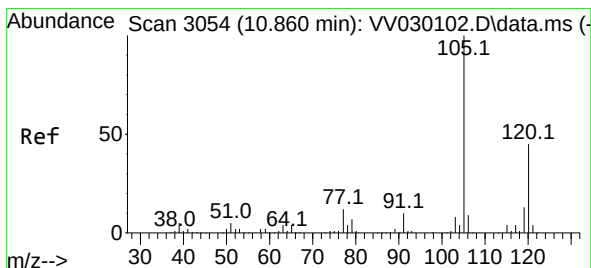
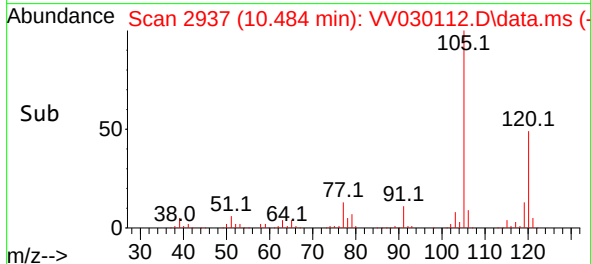
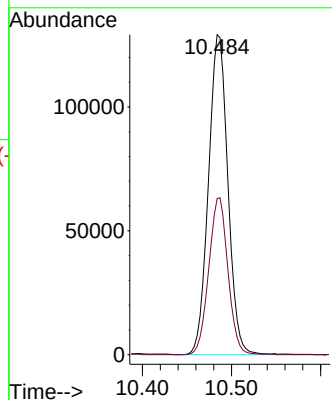
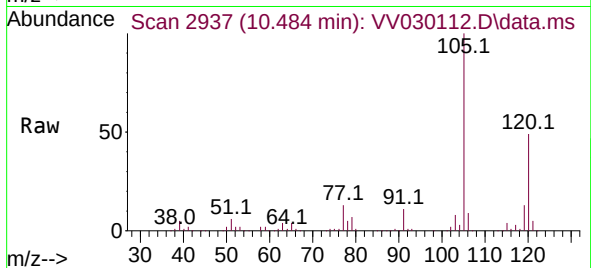
VSTD005290

Tgt Ion:105 Resp: 195360

Ion Ratio Lower Upper

105 100

120 48.5 39.6 59.4



#63

1,2,4-Trimethylbenzene

Concen: 5.059 ug/L

RT: 10.860 min Scan# 3054

Delta R.T. 0.000 min

Lab File: VV030112.D

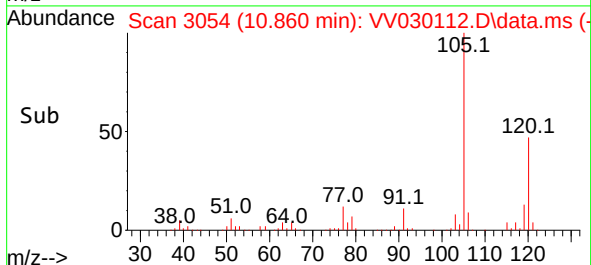
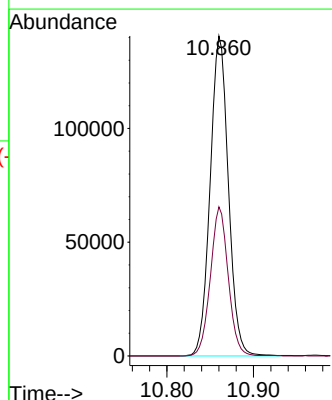
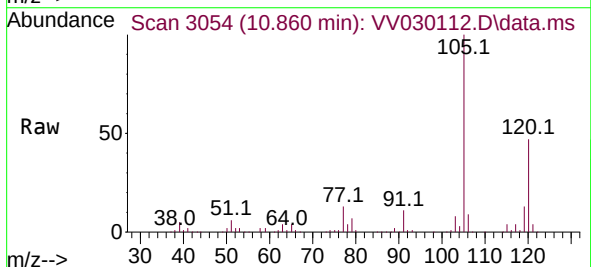
Acq: 02 Mar 2023 09:39

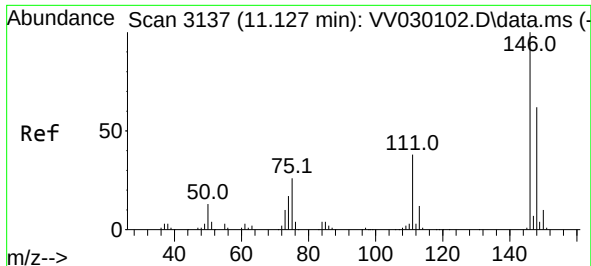
Tgt Ion:105 Resp: 205735

Ion Ratio Lower Upper

105 100

120 45.5 36.2 54.4

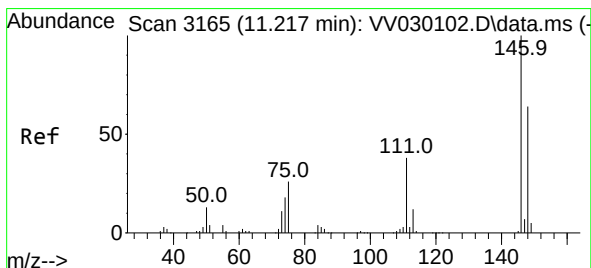
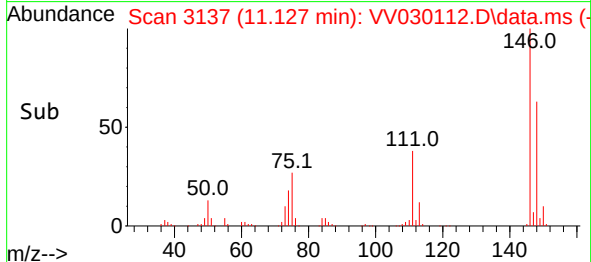
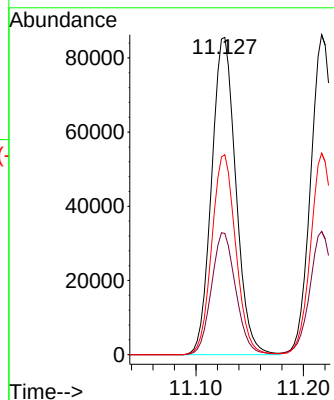
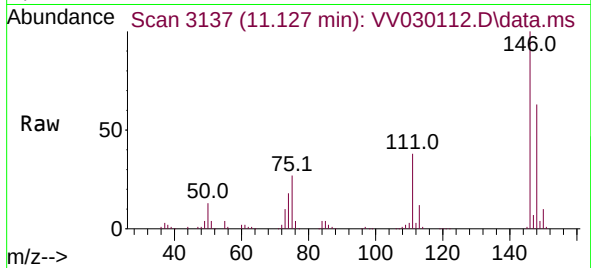




#64
1,3-Dichlorobenzene
Concen: 5.319 ug/L
RT: 11.127 min Scan# 3137
Delta R.T. 0.000 min
Lab File: VV030112.D
Acq: 02 Mar 2023 09:39

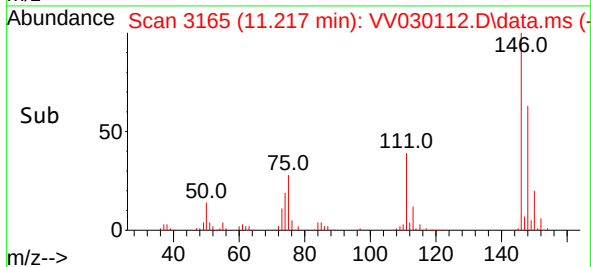
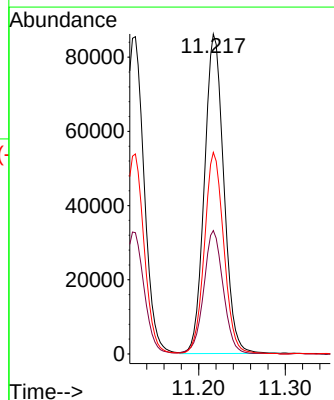
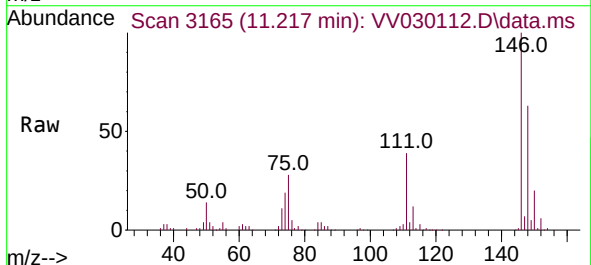
Instrument :
MSVOA_V
ClientSampleId :
VSTD005290

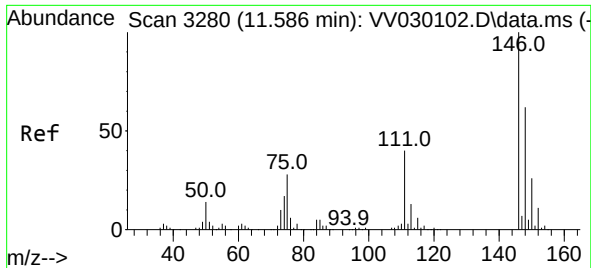
Tgt Ion:146 Resp: 134019
Ion Ratio Lower Upper
146 100
111 38.2 27.7 51.5
148 63.0 44.5 82.7



#65
1,4-Dichlorobenzene
Concen: 5.264 ug/L
RT: 11.217 min Scan# 3165
Delta R.T. 0.000 min
Lab File: VV030112.D
Acq: 02 Mar 2023 09:39

Tgt Ion:146 Resp: 133832
Ion Ratio Lower Upper
146 100
111 38.5 27.4 51.0
148 63.0 44.1 81.9

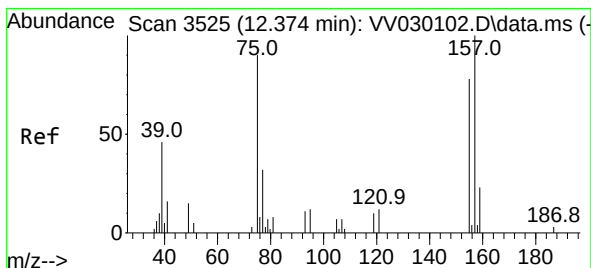
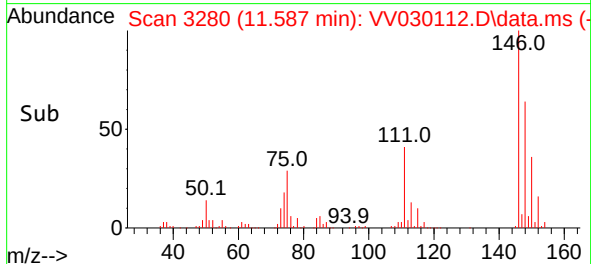
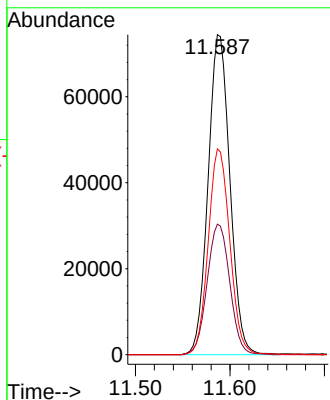
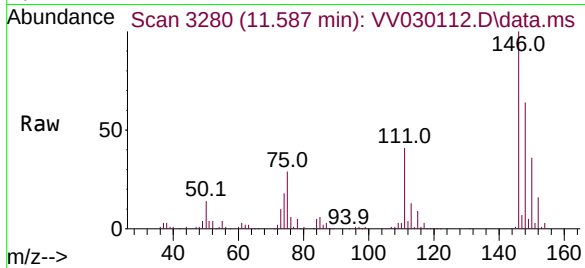




#67
1,2-Dichlorobenzene
Concen: 5.366 ug/L
RT: 11.587 min Scan# 311
Delta R.T. 0.000 min
Lab File: VV030112.D
Acq: 02 Mar 2023 09:39

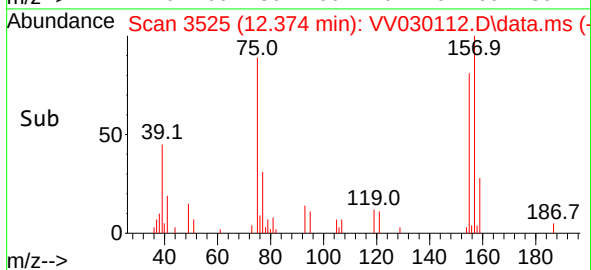
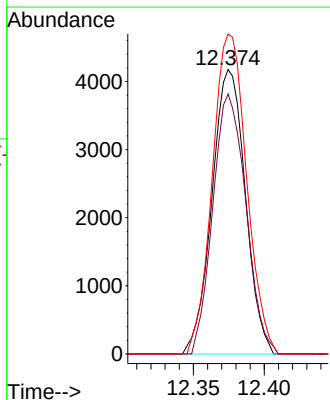
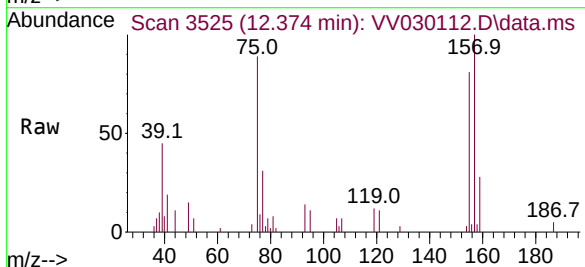
Instrument :
MSVOA_V
ClientSampleId :
VSTD005290

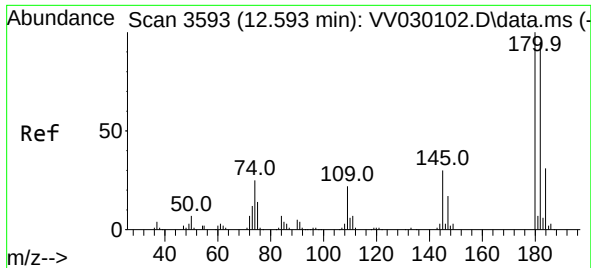
Tgt Ion:146 Resp: 119390
Ion Ratio Lower Upper
146 100
111 40.8 33.5 50.3
148 64.3 51.3 76.9



#68
1,2-Dibromo-3-chloropropane
Concen: 5.435 ug/L
RT: 12.374 min Scan# 3525
Delta R.T. 0.000 min
Lab File: VV030112.D
Acq: 02 Mar 2023 09:39

Tgt Ion: 75 Resp: 6833
Ion Ratio Lower Upper
75 100
155 91.4 79.1 118.7
157 112.5 95.5 143.3

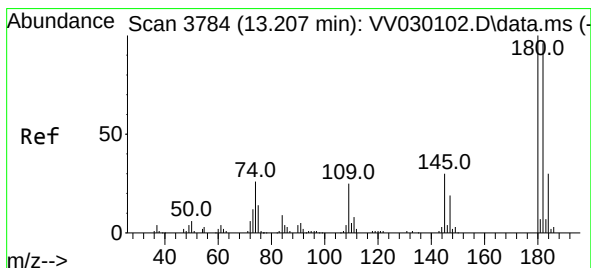
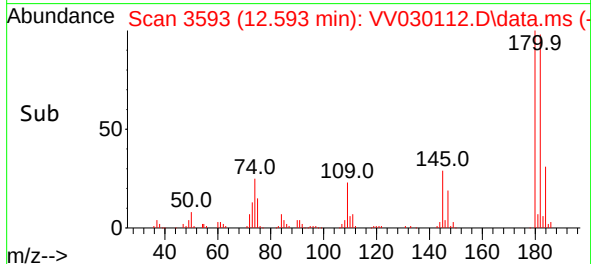
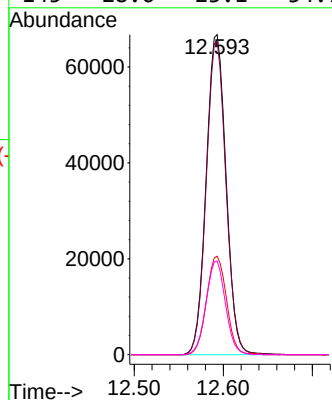
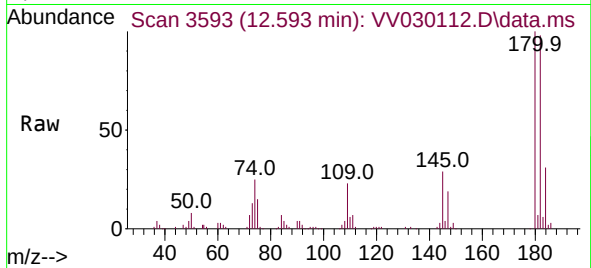




#69
 1,3,5-Trichlorobenzene
 Concen: 4.994 ug/L
 RT: 12.593 min Scan# 3593
 Delta R.T. 0.000 min
 Lab File: VV030112.D
 Acq: 02 Mar 2023 09:39

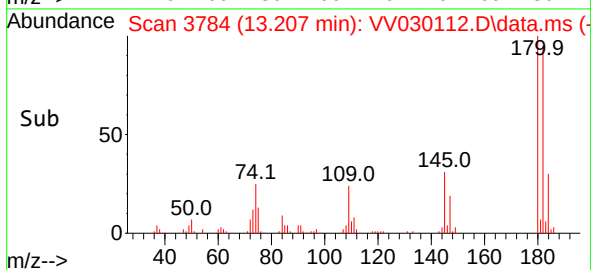
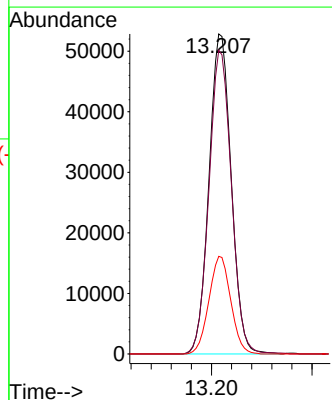
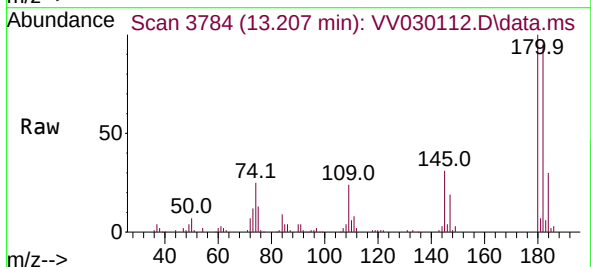
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005290

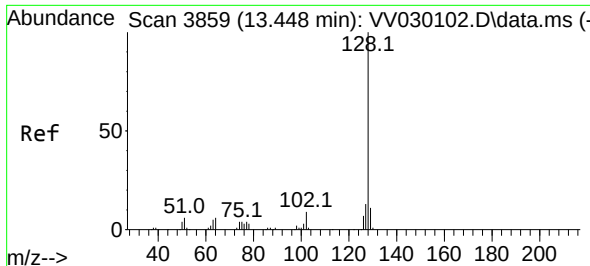
Tgt Ion:180	Resp:	103446
Ion Ratio	Lower	Upper
180	100	
182	97.2	76.5 114.7
184	30.9	24.3 36.5
145	28.6	23.1 34.7



#70
 1,2,4-trichlorobenzene
 Concen: 4.828 ug/L
 RT: 13.207 min Scan# 3784
 Delta R.T. 0.000 min
 Lab File: VV030112.D
 Acq: 02 Mar 2023 09:39

Tgt Ion:180	Resp:	81017
Ion Ratio	Lower	Upper
180	100	
182	96.0	77.3 115.9
145	30.0	23.1 34.7

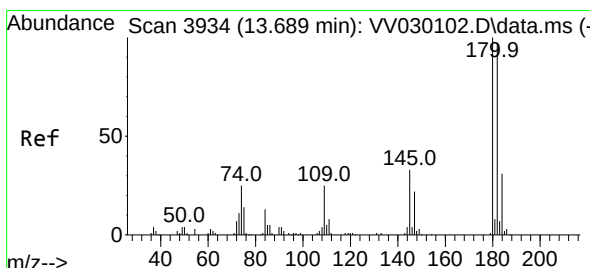
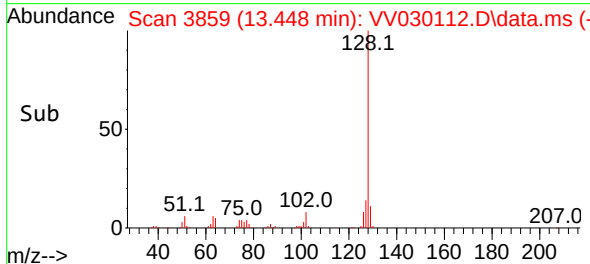
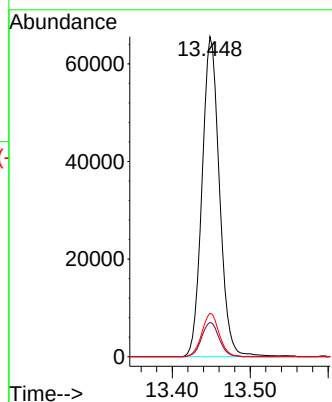
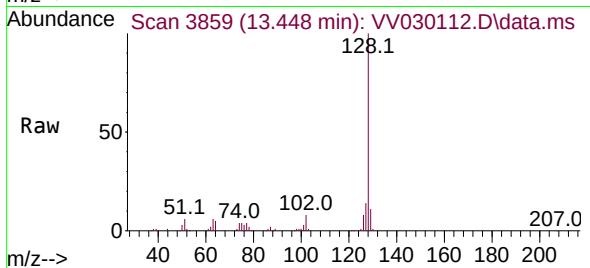




#71
Naphthalene
Concen: 4.638 ug/L
RT: 13.448 min Scan# 3859
Delta R.T. 0.000 min
Lab File: VV030112.D
Acq: 02 Mar 2023 09:39

Instrument :
MSVOA_V
ClientSampleId :
VSTD005290

Tgt Ion:	128	Resp:	101711
Ion	Ratio	Lower	Upper
128	100		
129	10.8	8.6	13.0
127	13.5	10.4	15.6



#72
1,2,3-Trichlorobenzene
Concen: 4.953 ug/L
RT: 13.689 min Scan# 3934
Delta R.T. 0.000 min
Lab File: VV030112.D
Acq: 02 Mar 2023 09:39

Tgt Ion:	180	Resp:	68419
Ion	Ratio	Lower	Upper
180	100		
182	95.9	76.2	114.2
145	30.6	25.1	37.7

