

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW022323\
 Data File : VW030085.D
 Acq On : 23 Feb 2023 10:26
 Operator : SY/MD
 Sample : VSTD00123
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD001223

Quant Time: Feb 23 21:17:54 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR022323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Feb 23 21:16:51 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.545	114	185724	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	177591	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	96066	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	10884	0.906	ug/L	0.00
7) Chloroethane-d5	1.539	69	10324	0.915	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.066	63	23036	0.932	ug/L	0.00
20) 2-Butanone-d5	3.841	46	17696	8.119	ug/L	0.00
24) Chloroform-d	4.265	84	23002	0.937	ug/L	0.00
26) 1,2-Dichloroethane-d4	4.960	65	9514	0.949	ug/L	0.00
32) Benzene-d6	4.976	84	42176	0.883	ug/L	0.00
36) 1,2-Dichloropropane-d6	5.998	67	12658	0.880	ug/L	0.00
41) Toluene-d8	7.252	98	39420	0.870	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.564	79	4461	0.907	ug/L	0.00
46) 2-Hexanone-d5	8.040	63	15003	7.431	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.162	84	9261	0.906	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.570	152	14931	0.919	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.108	85	14826	0.981	ug/L	97
3) Chloromethane	1.217	50	25646	1.077	ug/L	99
5) Vinyl chloride	1.285	62	15555	0.983	ug/L	99
6) Bromomethane	1.494	94	2924	1.029	ug/L	98
8) Chloroethane	1.555	64	10012	1.038	ug/L	100
9) Trichlorofluoromethane	1.719	101	22013	0.970	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.076	101	13712	0.974	ug/L	99
12) 1,1-Dichloroethene	2.076	96	12515	1.004	ug/L	95
13) Acetone	2.394	43	2859	1.758	ug/L	93
14) Carbon disulfide	2.249	76	33125	0.993	ug/L	100
15) Methyl Acetate	2.394	43	3611	0.941	ug/L #	89
16) Methylene chloride	2.458	84	18145	1.192	ug/L	96
17) Methyl tert-butyl Ether	2.716	73	23906	0.981	ug/L	99
18) trans-1,2-Dichloroethene	2.706	96	11296	0.953	ug/L	96
19) 1,1-Dichloroethane	3.124	63	21789	0.986	ug/L	97
21) 2-Butanone	3.918	43	14687	6.669	ug/L	91
22) cis-1,2-Dichloroethene	3.828	96	12821	0.978	ug/L	99
23) Bromochloromethane	4.166	128	5478	0.978	ug/L	91
25) Chloroform	4.288	83	22654	0.986	ug/L	96
27) 1,2-Dichloroethane	5.056	62	11684	0.972	ug/L	97
29) 1,1,1-Trichloroethane	4.526	97	19977	0.958	ug/L	96
30) Cyclohexane	4.596	56	16172	0.897	ug/L	99
31) Carbon tetrachloride	4.744	117	18120	0.966	ug/L	99
33) Benzene	5.024	78	46610	0.961	ug/L	100
34) Trichloroethene	5.844	95	12876	0.947	ug/L	99
35) Methylcyclohexane	6.059	83	18359	0.893	ug/L	99
37) 1,2-Dichloropropane	6.108	63	11755	0.953	ug/L	100
38) Bromodichloromethane	6.445	83	15136	0.961	ug/L	99
39) cis-1,3-Dichloropropene	6.966	75	16549	0.916	ug/L	100
40) 4-Methyl-2-pentanone	7.172	43	44663	8.772	ug/L	97
42) Toluene	7.326	91	48814	0.929	ug/L	95
44) trans-1,3-Dichloropropene	7.593	75	12422	0.881	ug/L	98

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 Misc : 25.0mL/MSVOA_V/WATER
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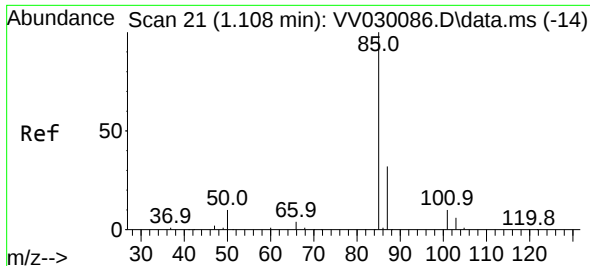
Instrument :
 MSVOA_V
 ClientSampleId :
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Quant Time: Feb 23 21:17:54 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR022323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Feb 23 21:16:51 2023
 Response via : Initial Calibration

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

45) 1,1,2-Trichloroethane	7.780	97	8674	0.982	ug/L	95
47) Tetrachloroethene	7.915	164	11110	0.952	ug/L	99
48) 2-Hexanone	8.088	43	30681	8.555	ug/L	98
49) Dibromochloromethane	8.185	129	9297	0.900	ug/L	100
50) 1,2-Dibromoethane	8.294	107	8099	0.983	ug/L	99
51) Chlorobenzene	8.825	112	34046	0.961	ug/L	98
52) Ethylbenzene	8.956	91	51378	0.899	ug/L	99
53) m,p-Xylene	9.082	106	19752	0.899	ug/L	91
54) o-Xylene	9.487	106	18467	0.880	ug/L	97
55) Styrene	9.506	104	30051	0.861	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.188	83	9574	0.969	ug/L	92
59) Bromoform	9.677	173	5815	1.010	ug/L #	93
60) Isopropylbenzene	9.876	105	51231	0.927	ug/L	99
61) 1,2,3-Trichloropropane	10.220	75	6474	1.007	ug/L	98
62) 1,3,5-Trimethylbenzene	10.484	105	39806	0.877	ug/L	98
63) 1,2,4-Trimethylbenzene	10.860	105	40252	0.867	ug/L	99
64) 1,3-Dichlorobenzene	11.127	146	27984	0.972	ug/L	95
65) 1,4-Dichlorobenzene	11.220	146	28662	0.987	ug/L	96
67) 1,2-Dichlorobenzene	11.590	146	24537	0.966	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.378	75	1472	1.025	ug/L #	85
69) 1,3,5-Trichlorobenzene	12.593	180	23339	0.986	ug/L	97
70) 1,2,4-trichlorobenzene	13.207	180	18075	0.943	ug/L	97
71) Naphthalene	13.451	128	21846	0.872	ug/L	99
72) 1,2,3-Trichlorobenzene	13.689	180	14130	0.896	ug/L	95

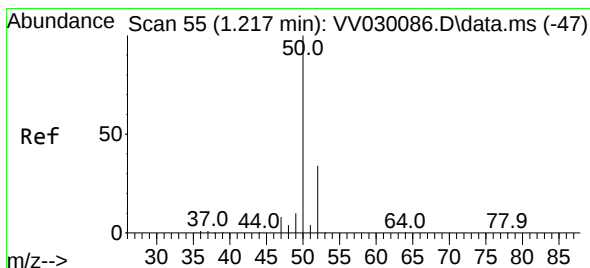
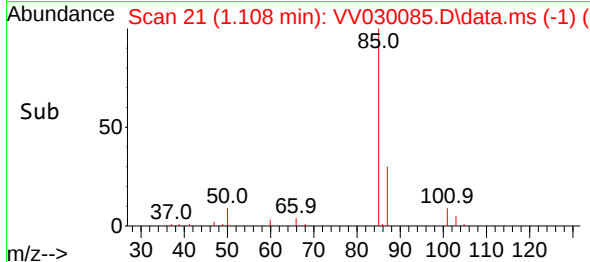
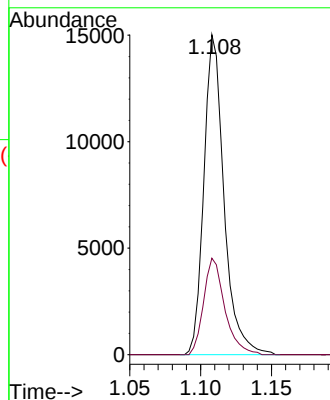
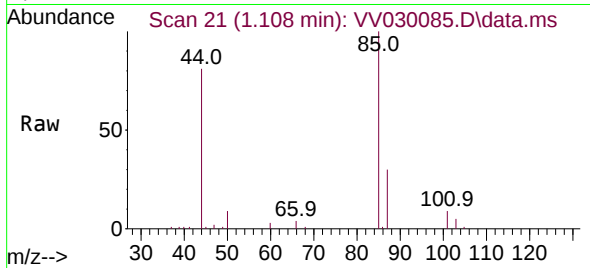
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
 Dichlorodifluoromethane
 Concen: 0.981 ug/L
 RT: 1.108 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VV030085.D
 Acq: 23 Feb 2023 10:26

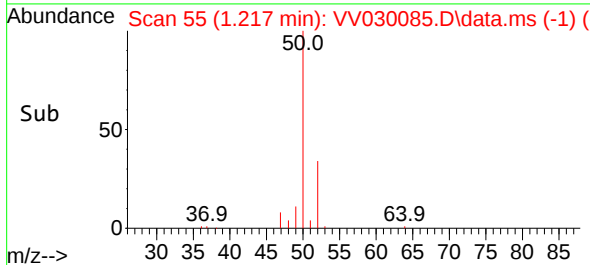
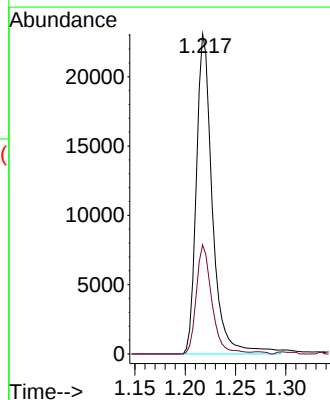
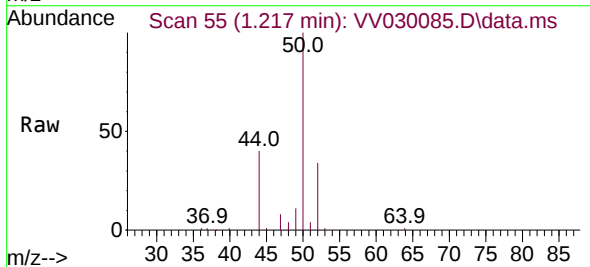
Instrument :
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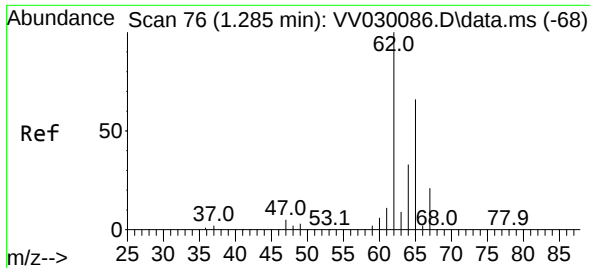
Tgt Ion: 85 Resp: 14826
 Ion Ratio Lower Upper
 85 100
 87 31.7 26.6 39.8



#3
 Chloromethane
 Concen: 1.077 ug/L
 RT: 1.217 min Scan# 55
 Delta R.T. -0.000 min
 Lab File: VV030085.D
 Acq: 23 Feb 2023 10:26

Tgt Ion: 50 Resp: 25646
 Ion Ratio Lower Upper
 50 100
 52 34.1 23.6 43.8

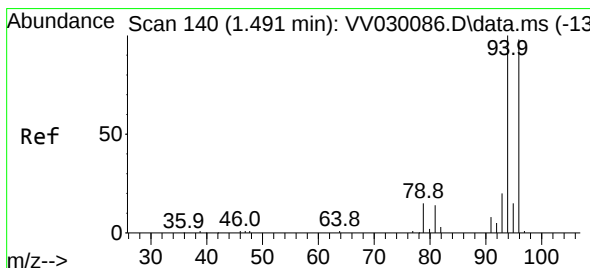
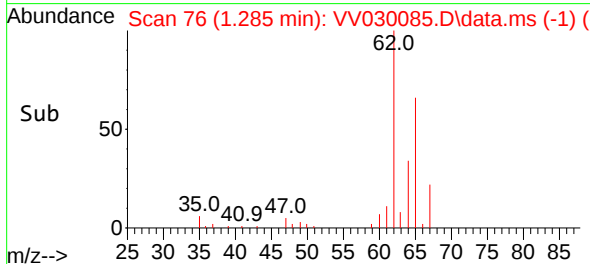
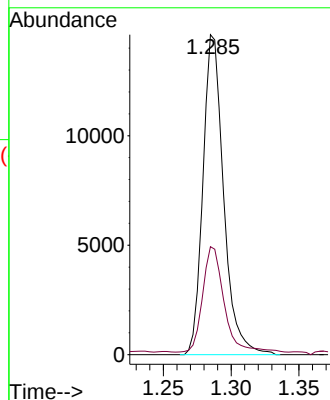
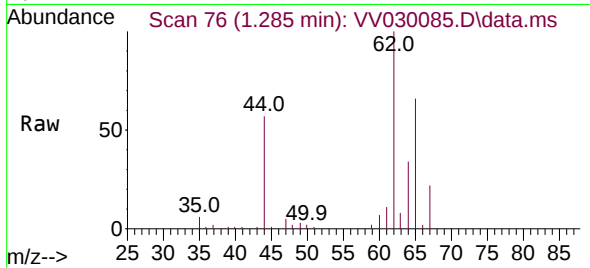




#5
 Vinyl chloride
 Concen: 0.983 ug/L
 RT: 1.285 min Scan# 76
 Delta R.T. -0.000 min
 Lab File: VV030085.D
 Acq: 23 Feb 2023 10:26

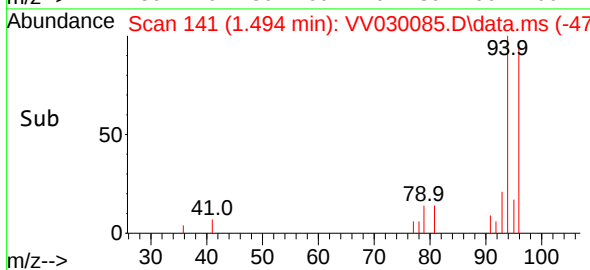
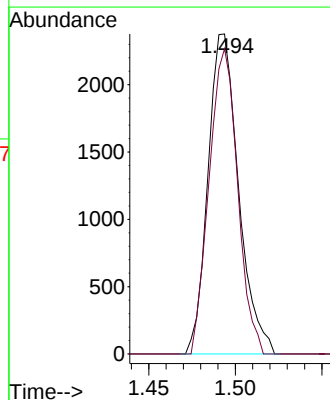
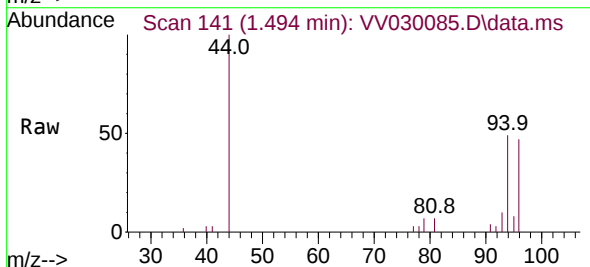
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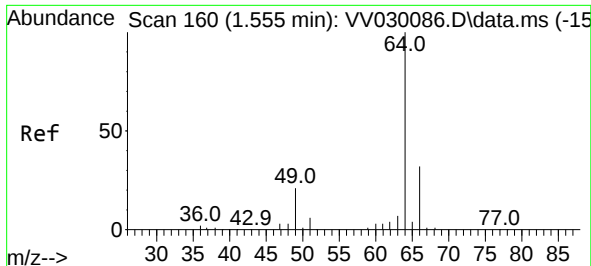
Tgt Ion: 62 Resp: 15555
 Ion Ratio Lower Upper
 62 100
 64 33.7 23.1 42.9



#6
 Bromomethane
 Concen: 1.029 ug/L
 RT: 1.494 min Scan# 141
 Delta R.T. 0.003 min
 Lab File: VV030085.D
 Acq: 23 Feb 2023 10:26

Tgt Ion: 94 Resp: 2924
 Ion Ratio Lower Upper
 94 100
 96 95.4 68.4 127.0

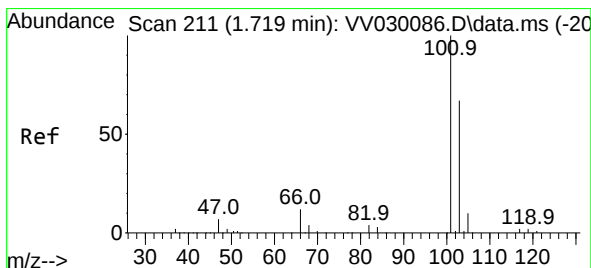
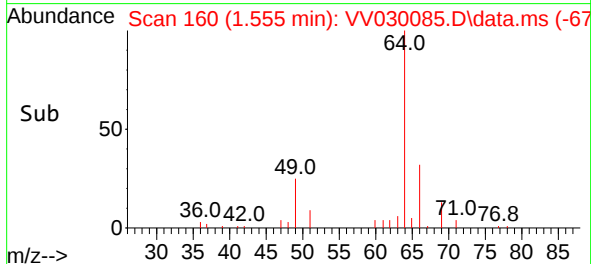
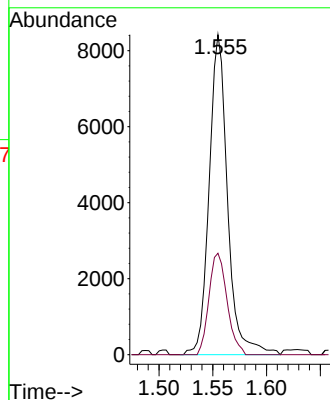
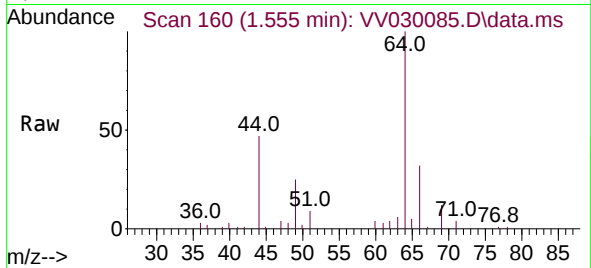




#8
Chloroethane
Concen: 1.038 ug/L
RT: 1.555 min Scan# 160
Delta R.T. -0.000 min
Lab File: VV030085.D
Acq: 23 Feb 2023 10:26

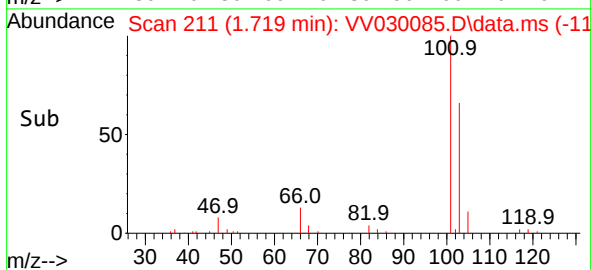
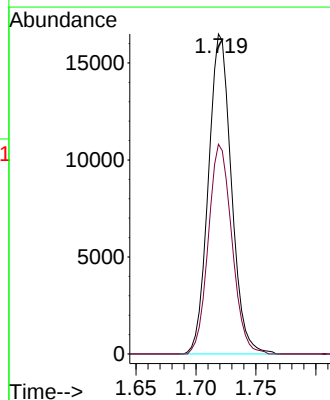
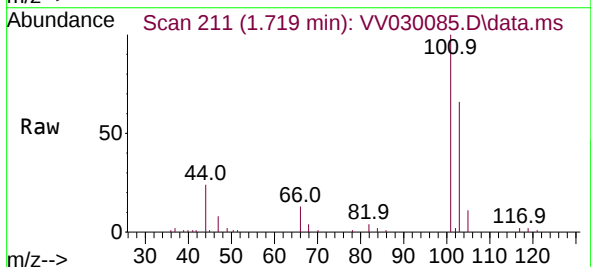
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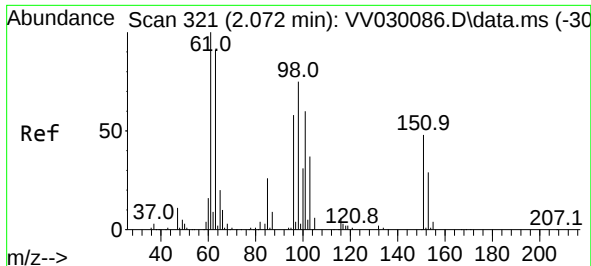
Tgt Ion: 64 Resp: 10012
Ion Ratio Lower Upper
64 100
66 31.7 22.4 41.6



#9
Trichlorofluoromethane
Concen: 0.970 ug/L
RT: 1.719 min Scan# 211
Delta R.T. -0.000 min
Lab File: VV030085.D
Acq: 23 Feb 2023 10:26

Tgt Ion: 101 Resp: 22013
Ion Ratio Lower Upper
101 100
103 67.0 52.7 79.1

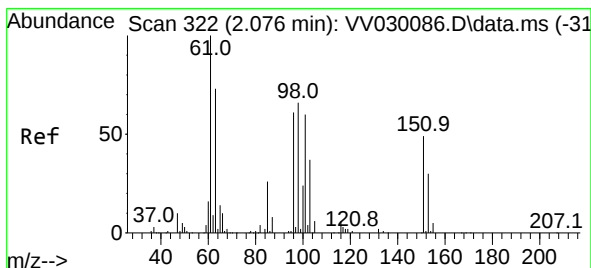
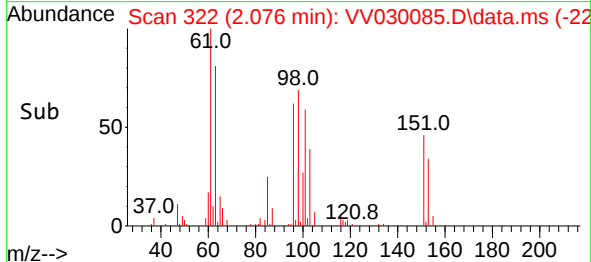
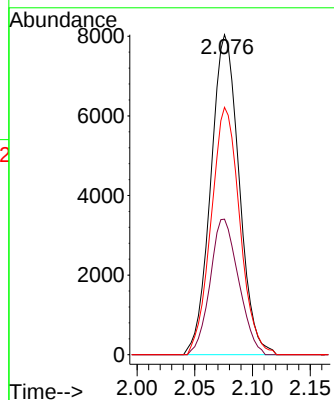
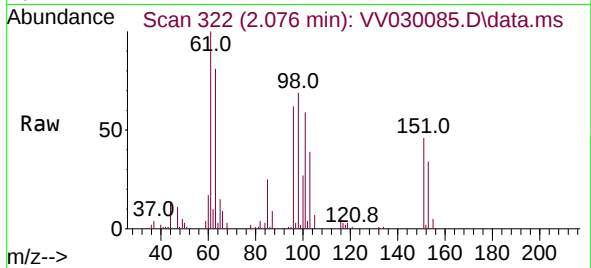




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.974 ug/L
RT: 2.076 min Scan# 311
Delta R.T. 0.003 min
Lab File: VV030085.D
Acq: 23 Feb 2023 10:26

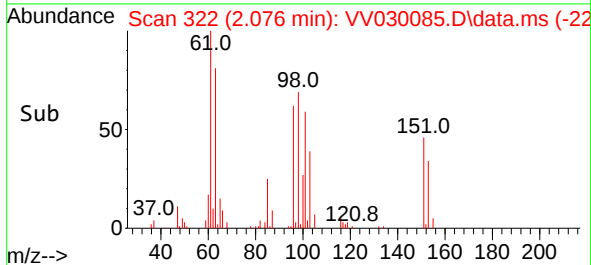
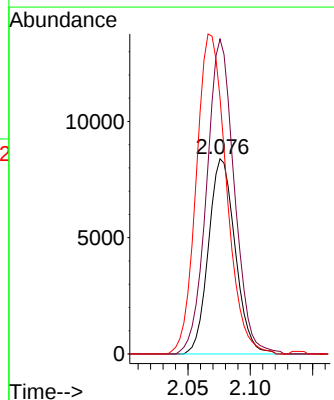
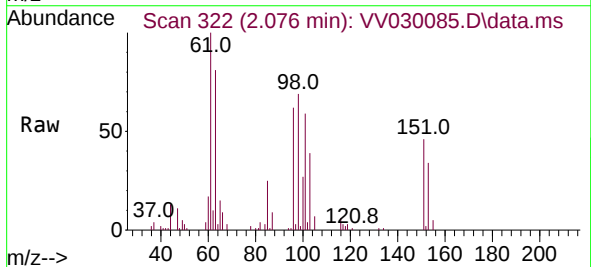
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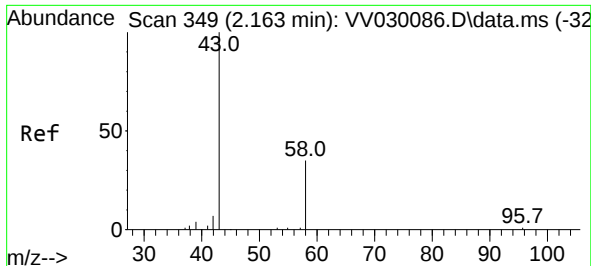
Tgt Ion:101 Resp: 13712
Ion Ratio Lower Upper
101 100
85 42.6 33.5 50.3
151 78.2 61.6 92.4



#12
1,1-Dichloroethene
Concen: 1.004 ug/L
RT: 2.076 min Scan# 322
Delta R.T. -0.000 min
Lab File: VV030085.D
Acq: 23 Feb 2023 10:26

Tgt Ion: 96 Resp: 12515
Ion Ratio Lower Upper
96 100
61 161.4 115.6 214.6
63 131.2 85.6 159.0





#13

Acetone

Concen: 1.758 ug/L

RT: 2.394 min Scan# 41

Delta R.T. 0.231 min

Lab File: VV030085.D

Acq: 23 Feb 2023 10:26

Instrument :

MSVOA_V

ClientSampleId :

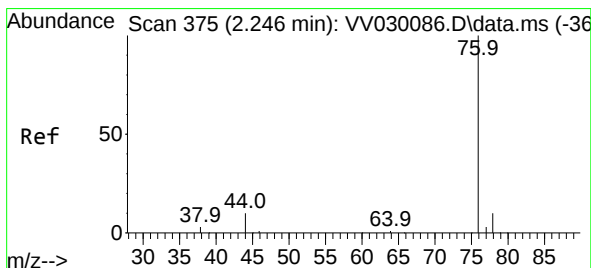
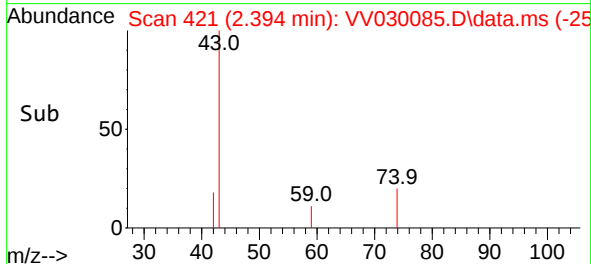
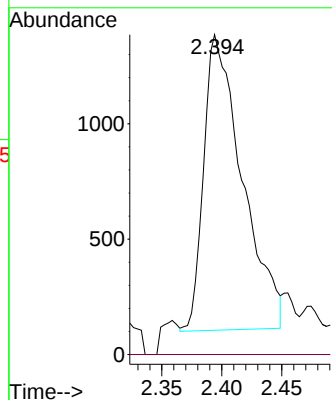
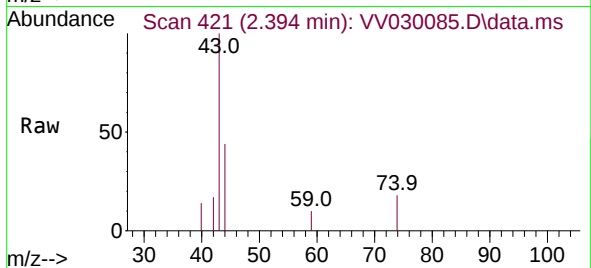
VSTD001223

Tgt Ion: 43 Resp: 2859

Ion Ratio Lower Upper

43 100

58 11.7 0.0 29.4



#14

Carbon disulfide

Concen: 0.993 ug/L

RT: 2.249 min Scan# 376

Delta R.T. 0.003 min

Lab File: VV030085.D

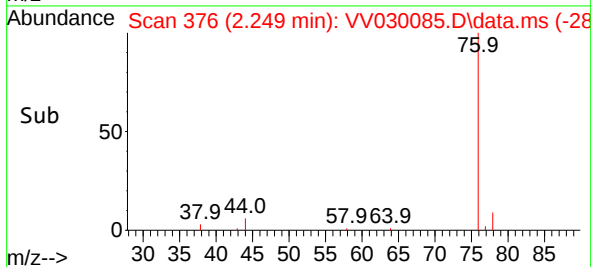
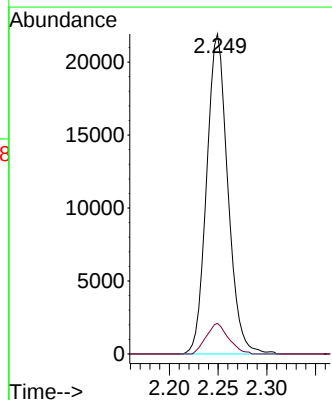
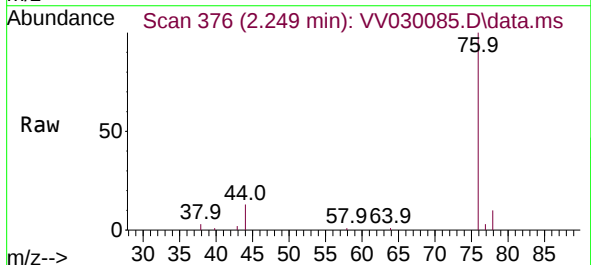
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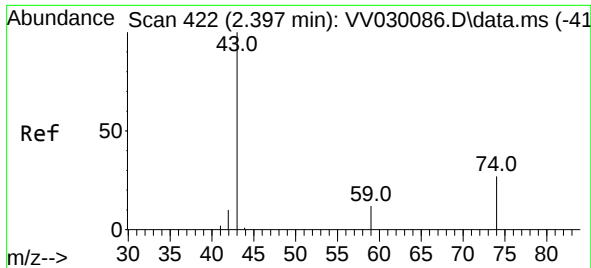
Tgt Ion: 76 Resp: 33125

Ion Ratio Lower Upper

76 100

78 9.5 7.7 11.5

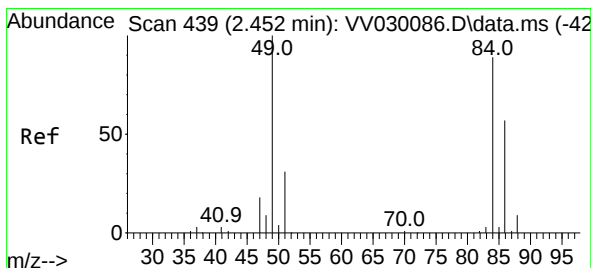
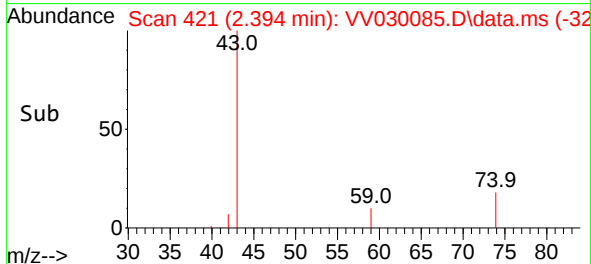
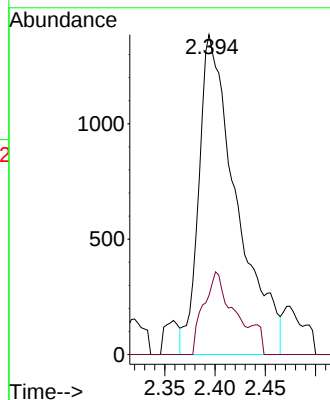
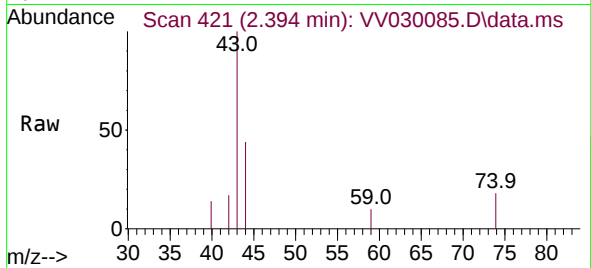




#15
Methyl Acetate
Concen: 0.941 ug/L
RT: 2.394 min Scan# 41
Delta R.T. -0.003 min
Lab File: VV030085.D
Acq: 23 Feb 2023 10:26

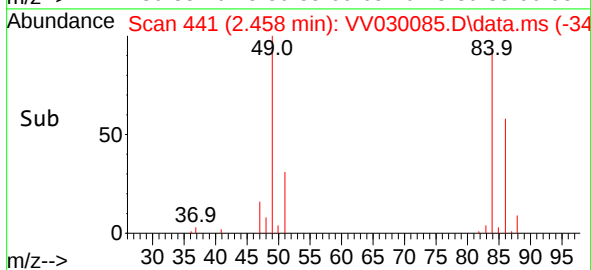
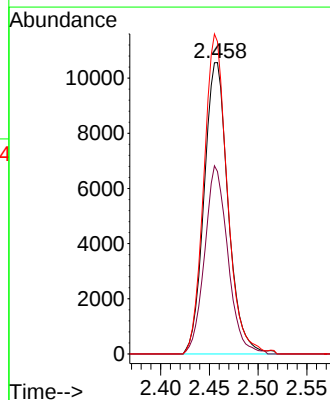
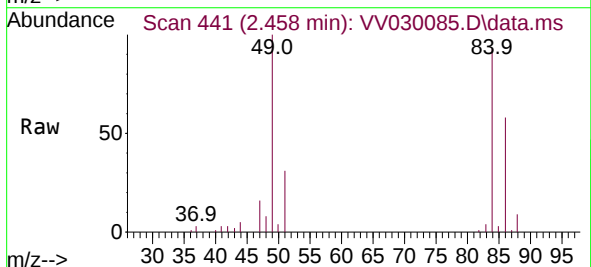
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ClientSampleId :
VSTD001223

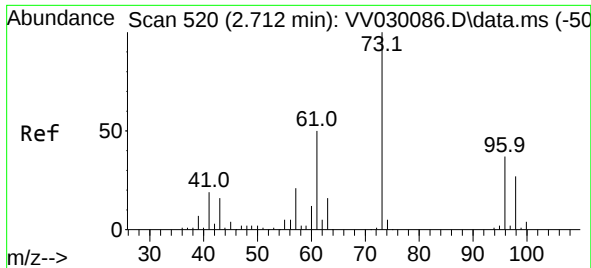
Tgt Ion: 43 Resp: 3611
Ion Ratio Lower Upper
43 100
74 19.6 20.1 30.1#



#16
Methylene chloride
Concen: 1.192 ug/L
RT: 2.458 min Scan# 441
Delta R.T. 0.006 min
Lab File: VV030085.D
Acq: 23 Feb 2023 10:26

Tgt Ion: 84 Resp: 18145
Ion Ratio Lower Upper
84 100
86 62.6 44.7 83.1
49 107.2 78.8 146.3

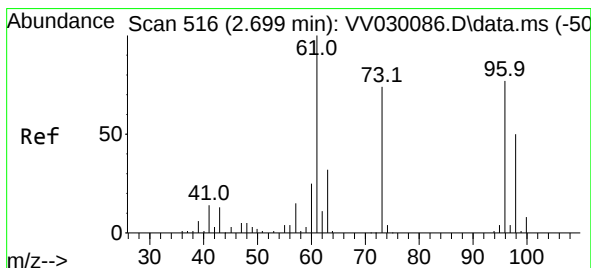
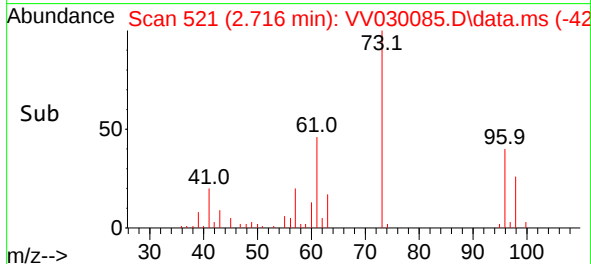
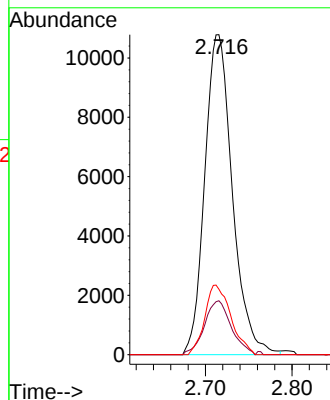
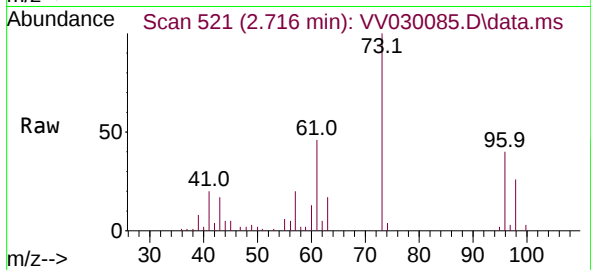




#17
Methyl tert-butyl Ether
Concen: 0.981 ug/L
RT: 2.716 min Scan# 518
Delta R.T. 0.003 min
Lab File: VV030085.D
Acq: 23 Feb 2023 10:26

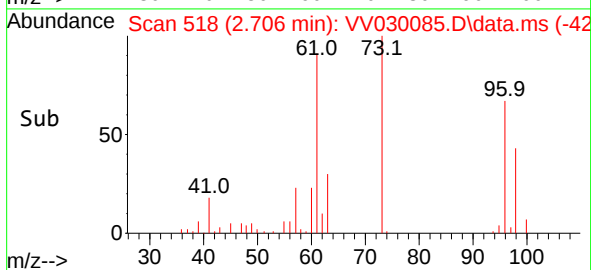
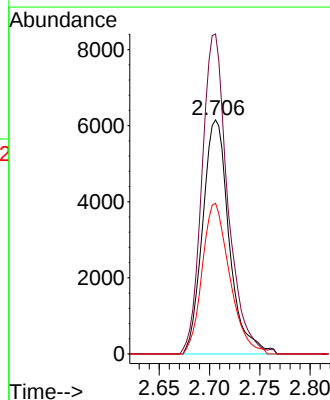
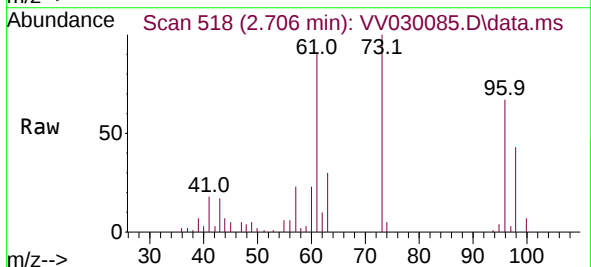
Instrument :
MSVOA_V
ClientSampleId :
VSTD001223

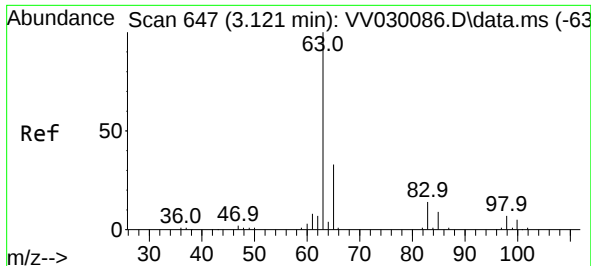
Tgt Ion: 73	Resp:	23906
Ion Ratio	Lower	Upper
73	100	
43	16.3	13.4 20.2
57	20.5	16.8 25.2



#18
trans-1,2-Dichloroethene
Concen: 0.953 ug/L
RT: 2.706 min Scan# 518
Delta R.T. 0.006 min
Lab File: VV030085.D
Acq: 23 Feb 2023 10:26

Tgt Ion: 96	Resp:	11296
Ion Ratio	Lower	Upper
96	100	
61	136.7	91.0 169.0
98	64.4	45.2 84.0





#19

1,1-Dichloroethane

Concen: 0.986 ug/L

RT: 3.124 min Scan# 647

Delta R.T. 0.003 min

Lab File: VV030085.D

Acq: 23 Feb 2023 10:26

Instrument :

MSVOA_V

ClientSampleId :

VSTD001223

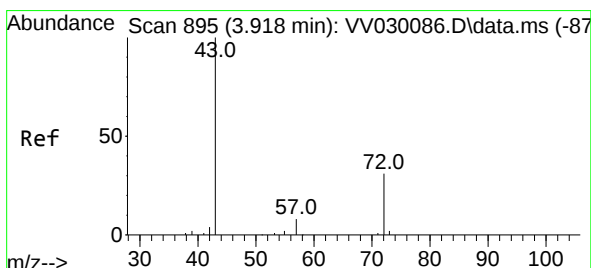
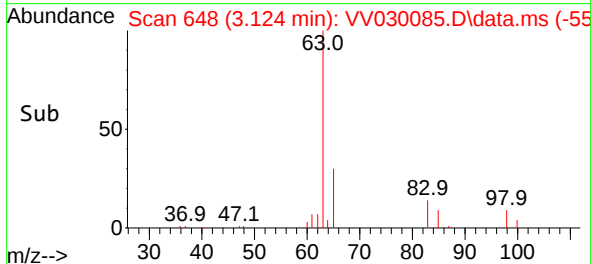
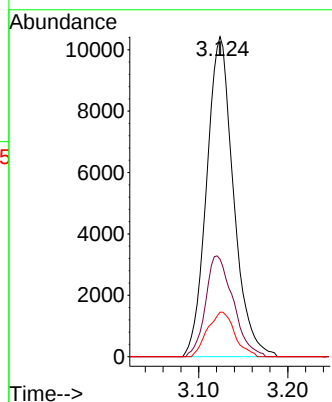
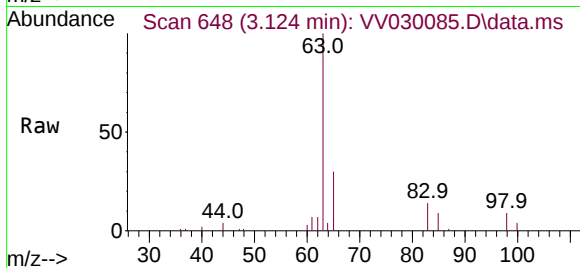
Tgt Ion: 63 Resp: 21789

Ion Ratio Lower Upper

63 100

65 30.5 23.0 42.8

83 13.9 9.6 17.8



#21

2-Butanone

Concen: 6.669 ug/L

RT: 3.918 min Scan# 895

Delta R.T. -0.000 min

Lab File: VV030085.D

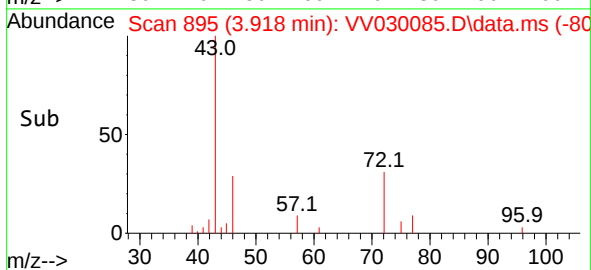
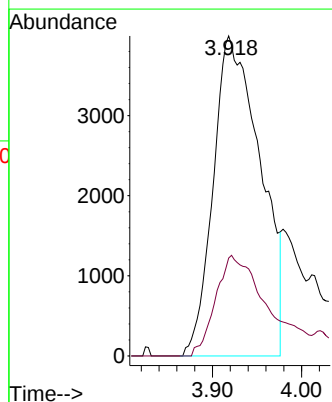
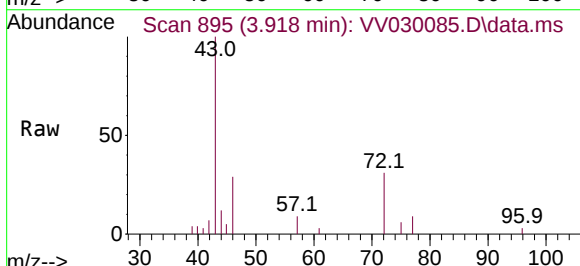
Acq: 23 Feb 2023 10:26

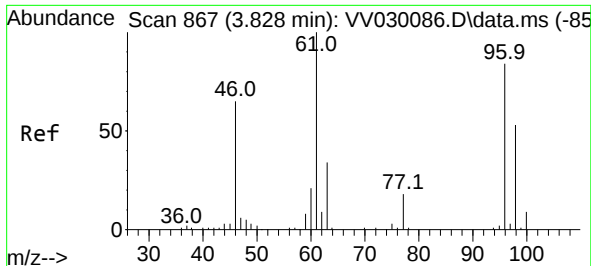
Tgt Ion: 43 Resp: 14687

Ion Ratio Lower Upper

43 100

72 35.0 15.1 45.3

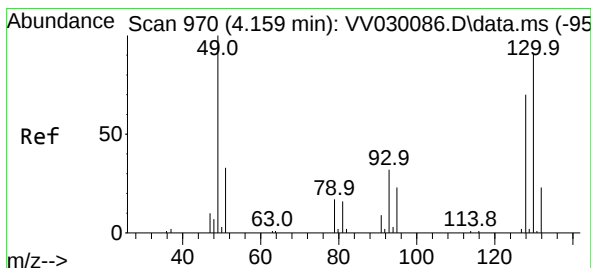
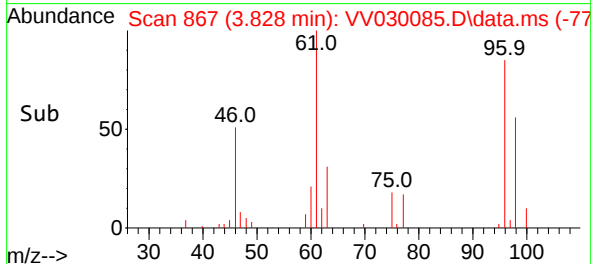
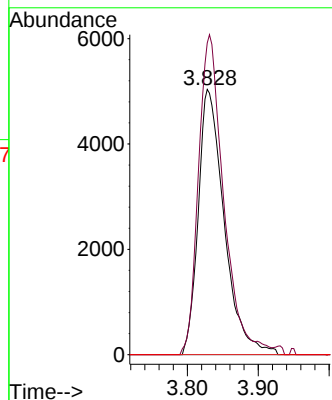
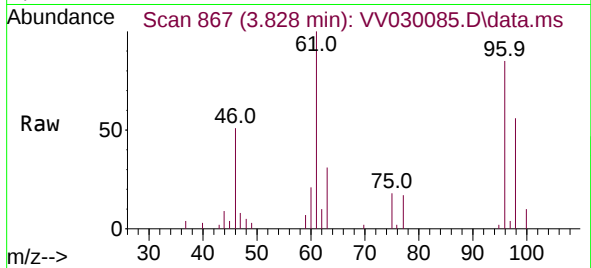




#22
 cis-1,2-Dichloroethene
 Concen: 0.978 ug/L
 RT: 3.828 min Scan# 867
 Delta R.T. -0.000 min
 Lab File: VV030085.D
 Acq: 23 Feb 2023 10:26

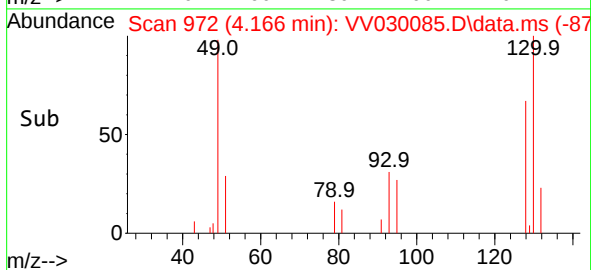
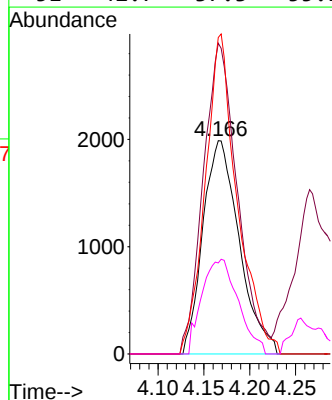
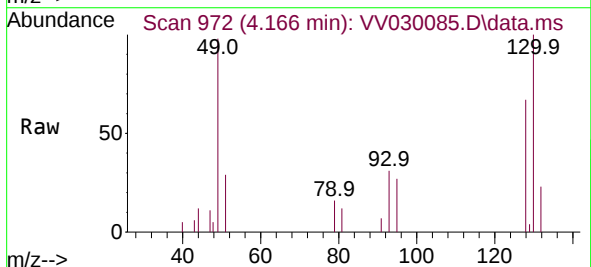
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD001223

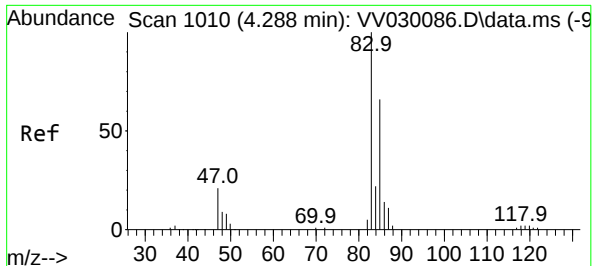
Tgt Ion: 96 Resp: 12821
 Ion Ratio Lower Upper
 96 100
 61 117.5 83.4 154.8
 68 0.0 0.0 0.0



#23
 Bromochloromethane
 Concen: 0.978 ug/L
 RT: 4.166 min Scan# 972
 Delta R.T. 0.006 min
 Lab File: VV030085.D
 Acq: 23 Feb 2023 10:26

Tgt Ion:128 Resp: 5478
 Ion Ratio Lower Upper
 128 100
 49 145.6 99.5 184.9
 130 148.3 90.5 168.1
 51 42.7 37.3 55.9

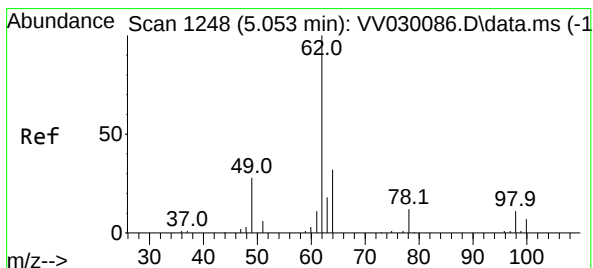
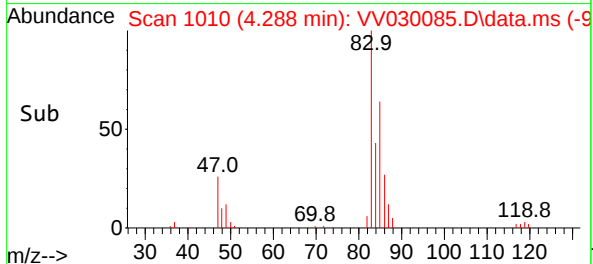
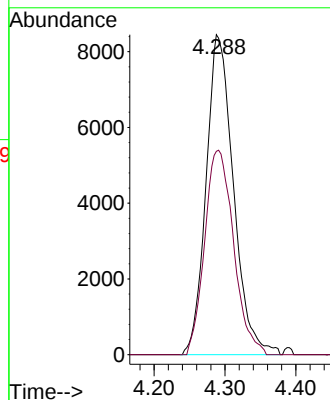
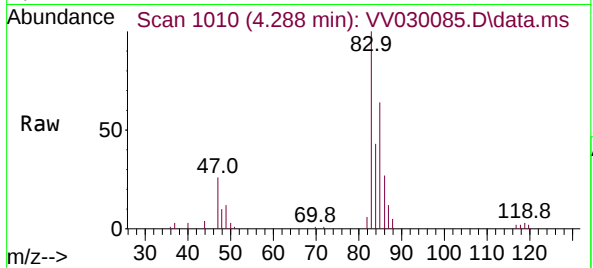




#25
Chloroform
Concen: 0.986 ug/L
RT: 4.288 min Scan# 1010
Delta R.T. -0.000 min
Lab File: VV030085.D
Acq: 23 Feb 2023 10:26

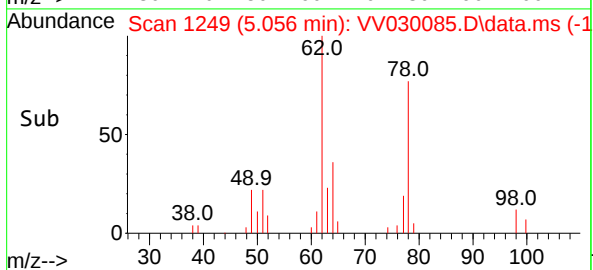
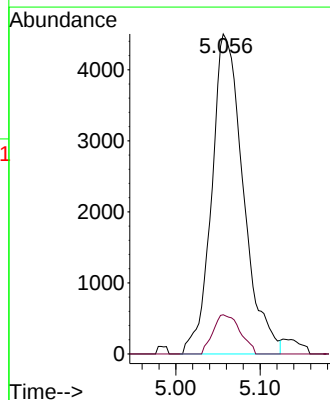
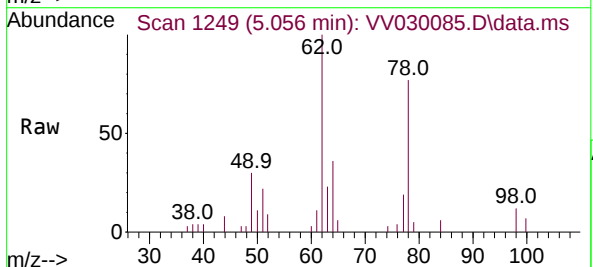
Instrument :
MSVOA_V
ClientSampleId :
VSTD001223

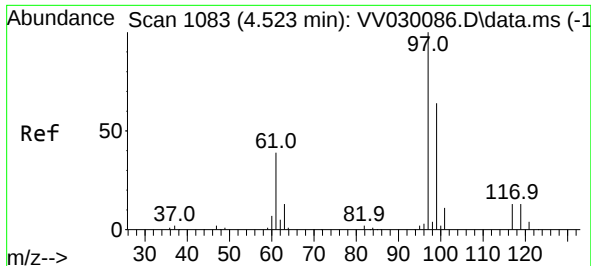
Tgt Ion: 83 Resp: 22654
Ion Ratio Lower Upper
83 100
85 63.5 46.5 86.5



#27
1,2-Dichloroethane
Concen: 0.972 ug/L
RT: 5.056 min Scan# 1249
Delta R.T. 0.003 min
Lab File: VV030085.D
Acq: 23 Feb 2023 10:26

Tgt Ion: 62 Resp: 11684
Ion Ratio Lower Upper
62 100
98 12.2 9.0 13.4





#29

1,1,1-Trichloroethane

Concen: 0.958 ug/L

RT: 4.526 min Scan# 1108

Delta R.T. 0.003 min

Lab File: VV030085.D

Acq: 23 Feb 2023 10:26

Instrument :

MSVOA_V

ClientSampleId :

VSTD001223

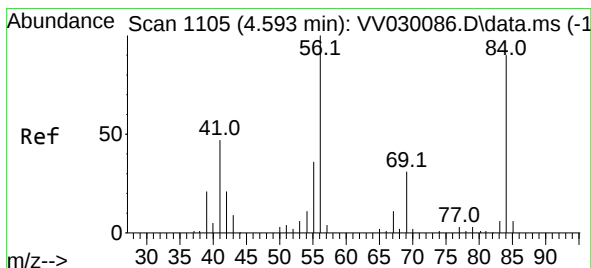
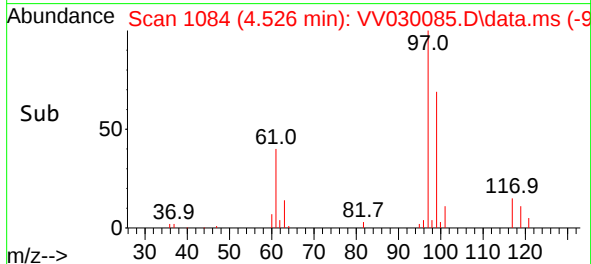
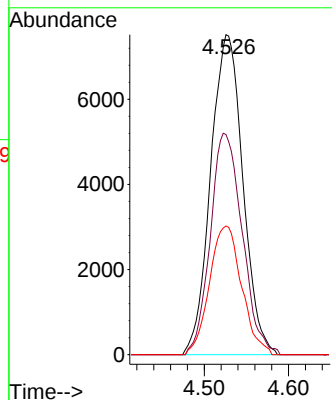
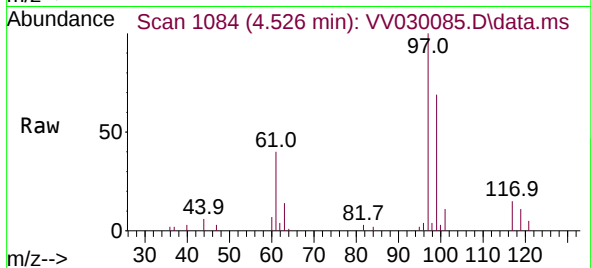
Tgt Ion: 97 Resp: 19977

Ion Ratio Lower Upper

97 100

99 68.5 51.3 76.9

61 40.2 31.5 47.3



#30

Cyclohexane

Concen: 0.897 ug/L

RT: 4.596 min Scan# 1106

Delta R.T. 0.003 min

Lab File: VV030085.D

Acq: 23 Feb 2023 10:26

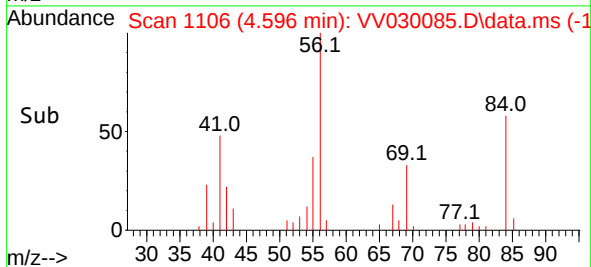
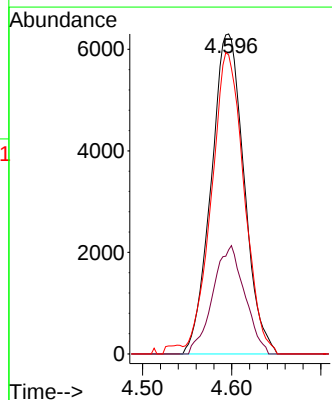
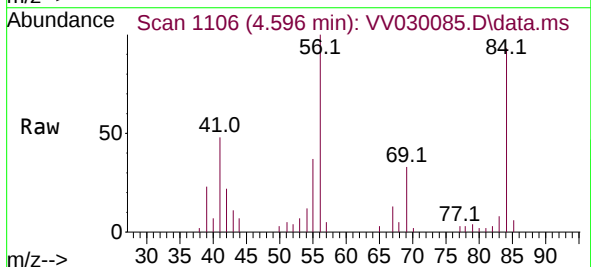
Tgt Ion: 56 Resp: 16172

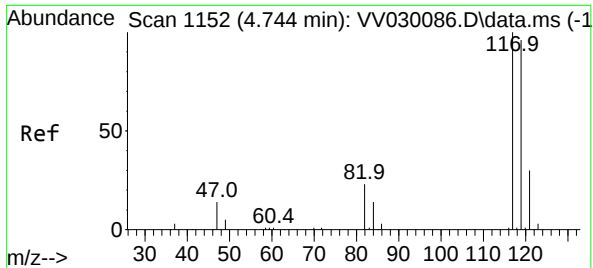
Ion Ratio Lower Upper

56 100

69 32.8 25.1 37.7

84 93.3 74.6 111.8

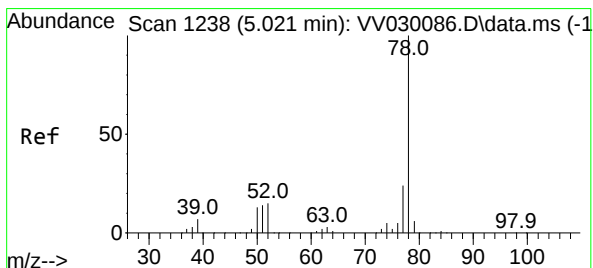
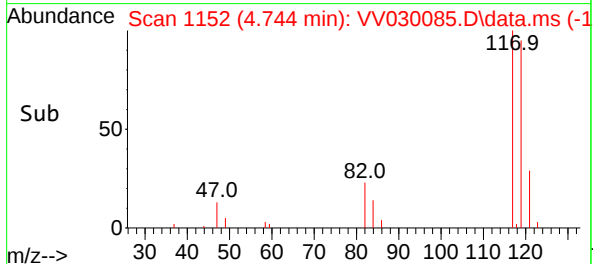
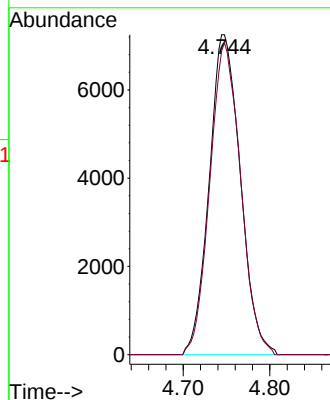
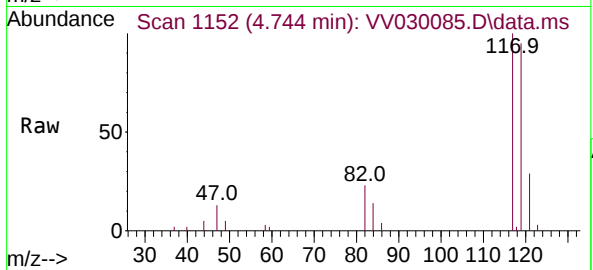




#31
Carbon tetrachloride
Concen: 0.966 ug/L
RT: 4.744 min Scan# 1152
Delta R.T. -0.000 min
Lab File: VV030085.D
Acq: 23 Feb 2023 10:26

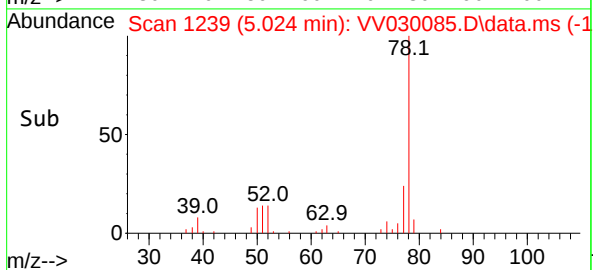
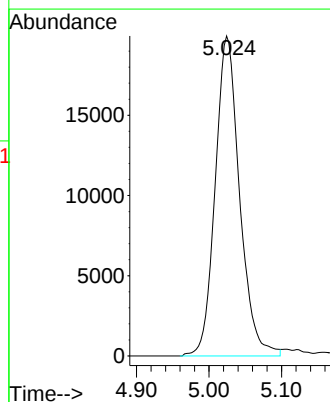
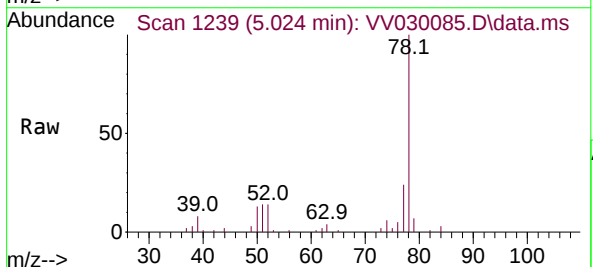
Instrument :
MSVOA_V
ClientSampleId :
VSTD001223

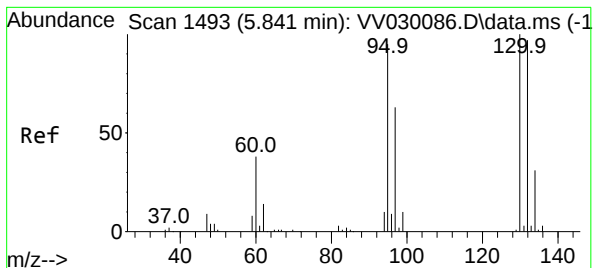
Tgt Ion:117 Resp: 18120
Ion Ratio Lower Upper
117 100
119 96.1 76.1 114.1



#33
Benzene
Concen: 0.961 ug/L
RT: 5.024 min Scan# 1239
Delta R.T. 0.003 min
Lab File: VV030085.D
Acq: 23 Feb 2023 10:26

Tgt Ion: 78 Resp: 46610





#34

Trichloroethene

Concen: 0.947 ug/L

RT: 5.844 min Scan# 1493

Delta R.T. 0.003 min

Lab File: VV030085.D

Acq: 23 Feb 2023 10:26

Instrument :

MSVOA_V

ClientSampleId :

VSTD001223

Tgt Ion: 95 Resp: 12876

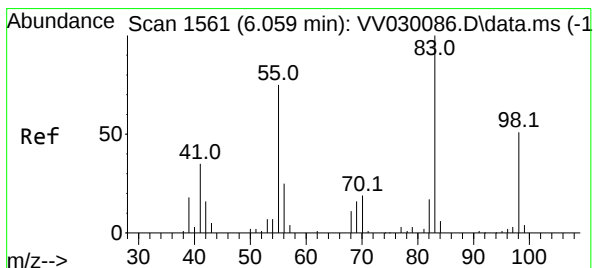
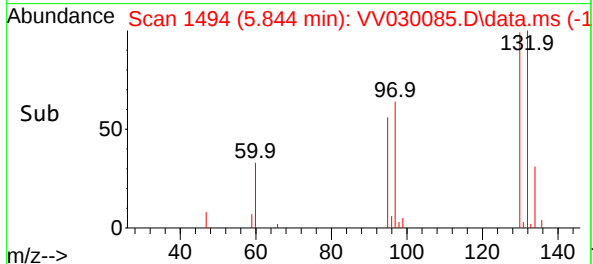
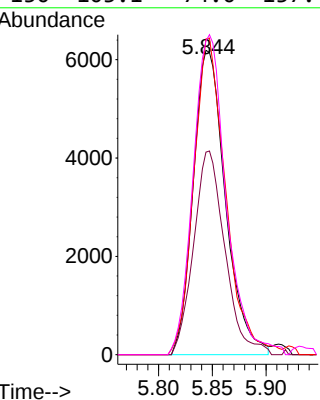
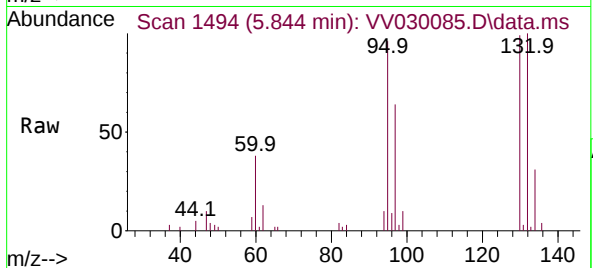
Ion Ratio Lower Upper

95 100

97 66.5 46.5 86.5

132 103.7 71.7 133.3

130 103.1 74.0 137.4



#35

Methylcyclohexane

Concen: 0.893 ug/L

RT: 6.059 min Scan# 1561

Delta R.T. -0.000 min

Lab File: VV030085.D

Acq: 23 Feb 2023 10:26

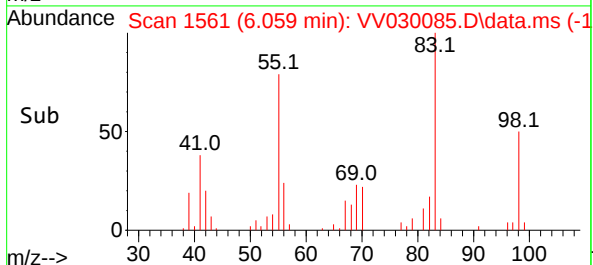
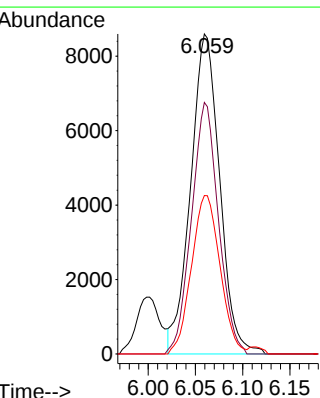
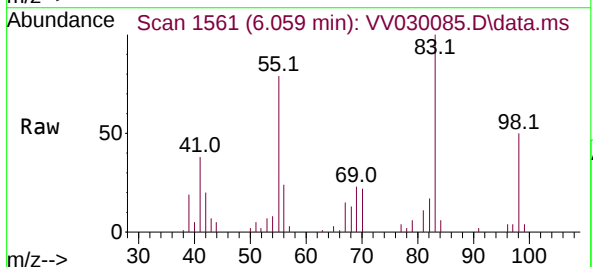
Tgt Ion: 83 Resp: 18359

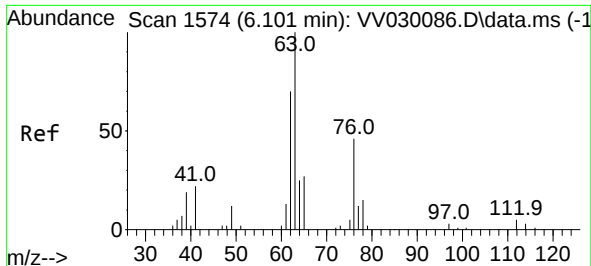
Ion Ratio Lower Upper

83 100

55 73.0 57.6 86.4

98 48.8 38.8 58.2





#37

1,2-Dichloropropane

Concen: 0.953 ug/L

RT: 6.108 min Scan# 11

Delta R.T. 0.006 min

Lab File: VV030085.D

Acq: 23 Feb 2023 10:26

Instrument :

MSVOA_V

ClientSampleId :

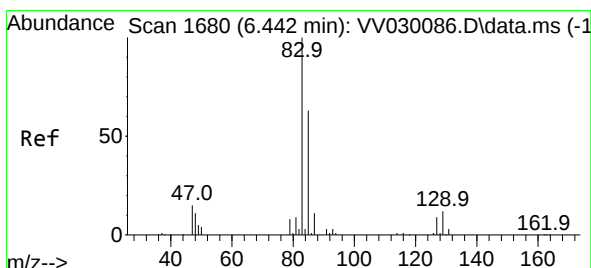
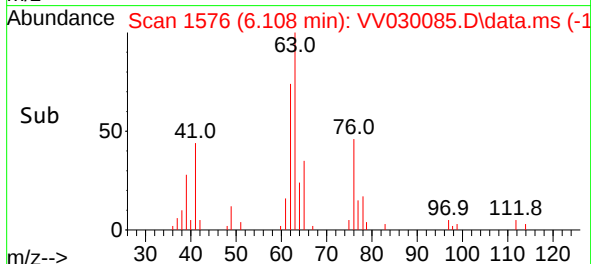
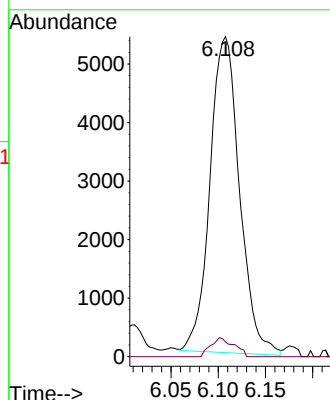
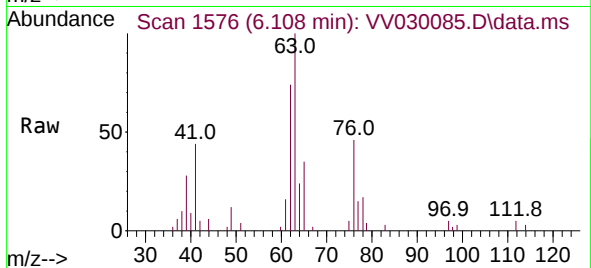
VSTD001223

Tgt Ion: 63 Resp: 11755

Ion Ratio Lower Upper

63 100

112 4.7 3.8 5.6



#38

Bromodichloromethane

Concen: 0.961 ug/L

RT: 6.445 min Scan# 1681

Delta R.T. 0.003 min

Lab File: VV030085.D

Acq: 23 Feb 2023 10:26

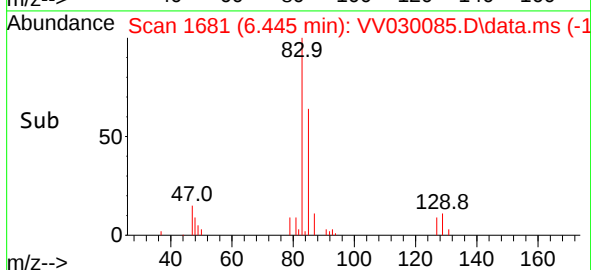
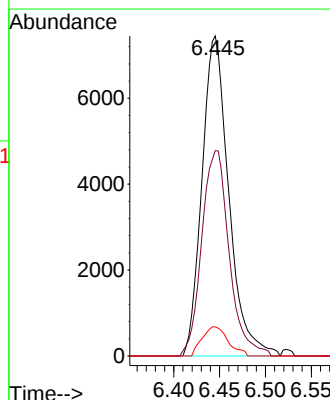
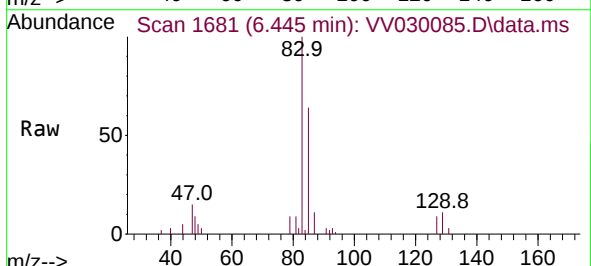
Tgt Ion: 83 Resp: 15136

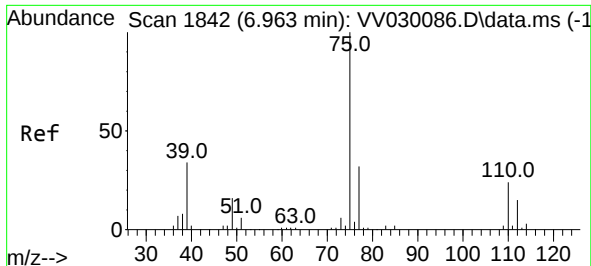
Ion Ratio Lower Upper

83 100

85 64.2 44.3 82.3

127 9.1 7.2 10.8





#39

cis-1,3-Dichloropropene

Concen: 0.916 ug/L

RT: 6.966 min Scan# 11

Delta R.T. 0.003 min

Lab File: VV030085.D

Acq: 23 Feb 2023 10:26

Instrument :

MSVOA_V

ClientSampleId :

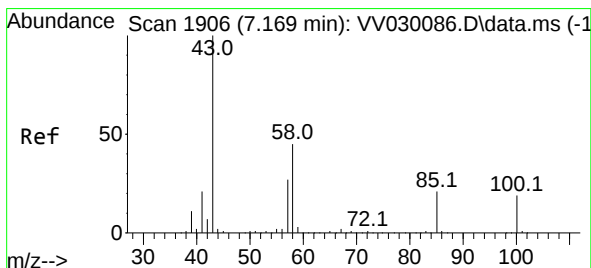
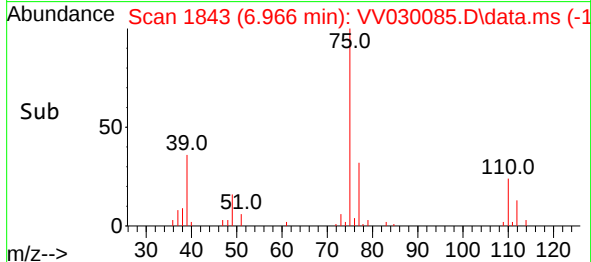
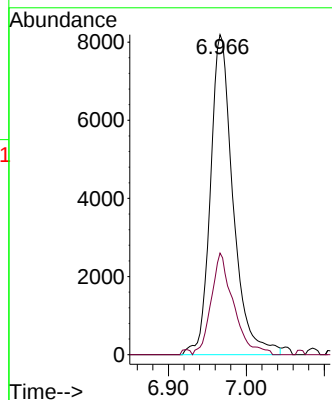
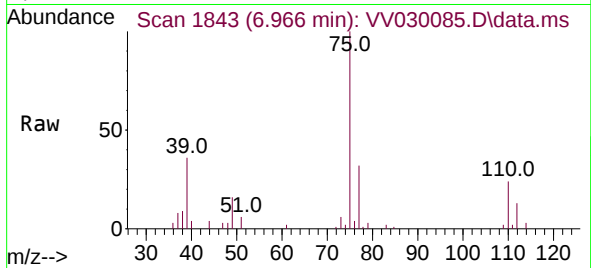
VSTD001223

Tgt Ion: 75 Resp: 16549

Ion Ratio Lower Upper

75 100

77 31.7 22.3 41.3



#40

4-Methyl-2-pentanone

Concen: 8.772 ug/L

RT: 7.172 min Scan# 1907

Delta R.T. 0.003 min

Lab File: VV030085.D

Acq: 23 Feb 2023 10:26

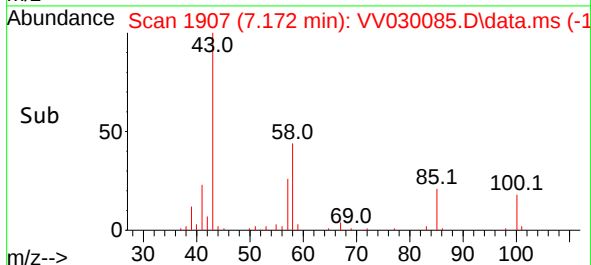
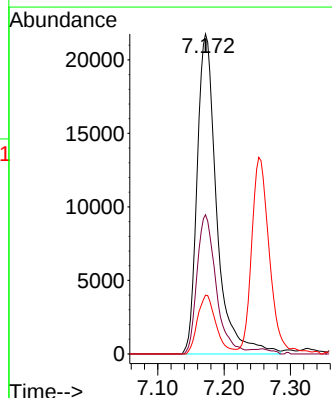
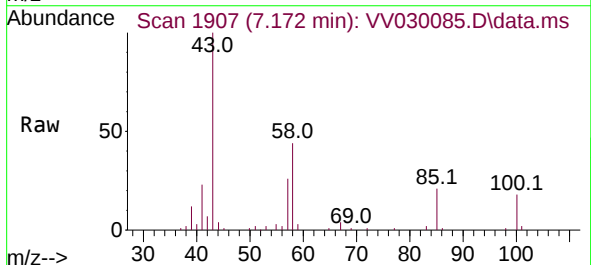
Tgt Ion: 43 Resp: 44663

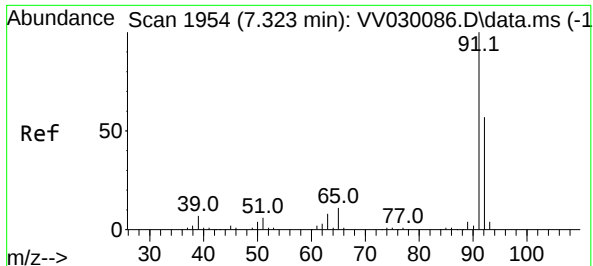
Ion Ratio Lower Upper

43 100

58 42.3 35.3 52.9

100 17.4 14.7 22.1





#42

Toluene

Concen: 0.929 ug/L

RT: 7.326 min Scan# 1954

Delta R.T. 0.003 min

Lab File: VV030085.D

Acq: 23 Feb 2023 10:26

Instrument :

MSVOA_V

ClientSampleId :

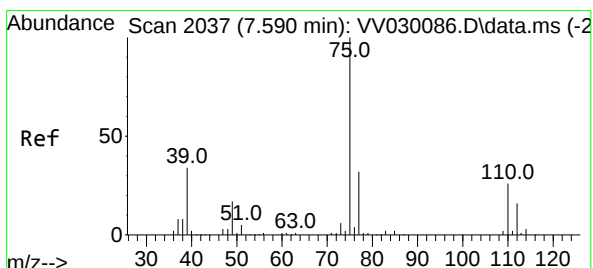
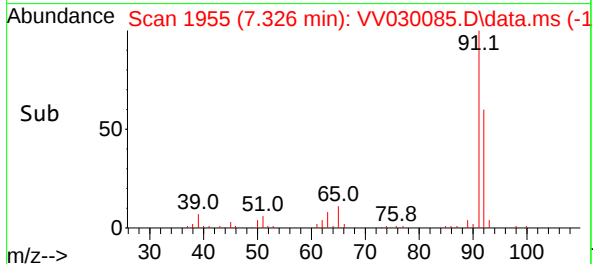
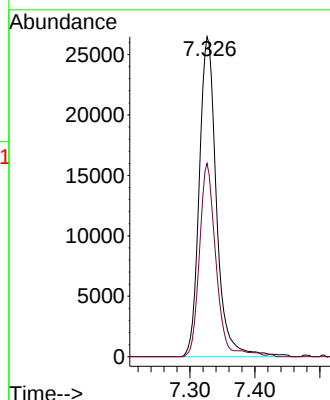
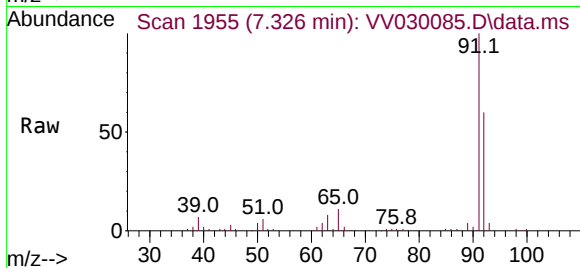
VSTD001223

Tgt Ion: 91 Resp: 48814

Ion Ratio Lower Upper

91 100

92 60.4 39.6 73.6



#44

trans-1,3-Dichloropropene

Concen: 0.881 ug/L

RT: 7.593 min Scan# 2038

Delta R.T. 0.003 min

Lab File: VV030085.D

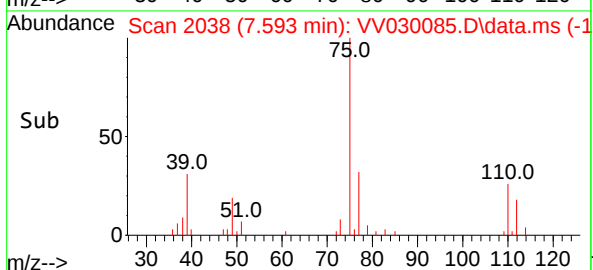
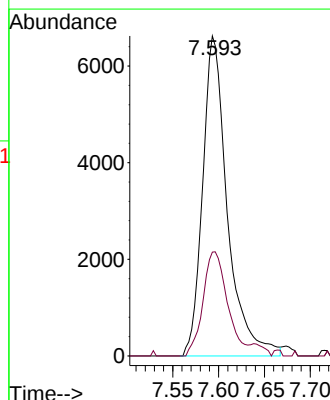
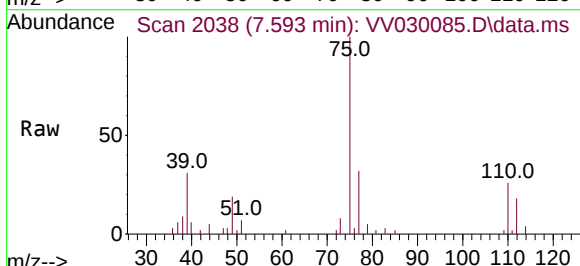
Acq: 23 Feb 2023 10:26

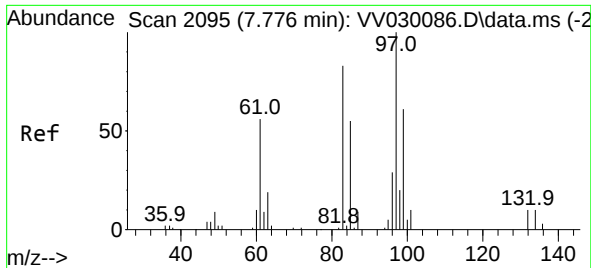
Tgt Ion: 75 Resp: 12422

Ion Ratio Lower Upper

75 100

77 32.5 22.1 41.1



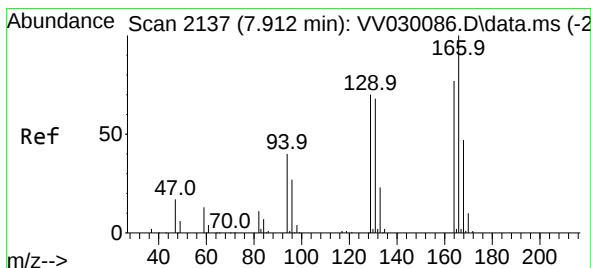
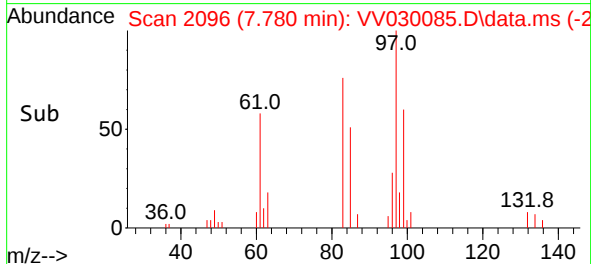
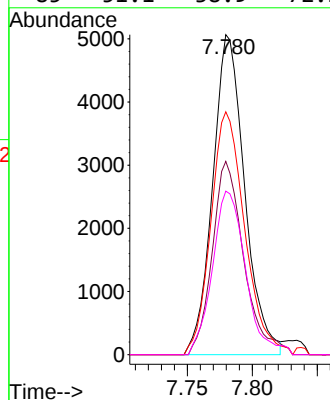
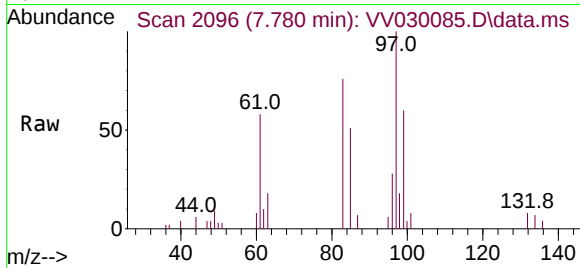


#45
1,1,2-Trichloroethane
Concen: 0.982 ug/L
RT: 7.780 min Scan# 2095
Delta R.T. 0.003 min
Lab File: VV030085.D
Acq: 23 Feb 2023 10:26

Instrument :
MSVOA_V
ClientSampleId :
VSTD001223

Tgt Ion: 97 Resp: 8674

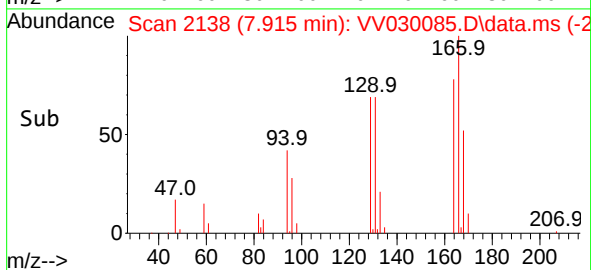
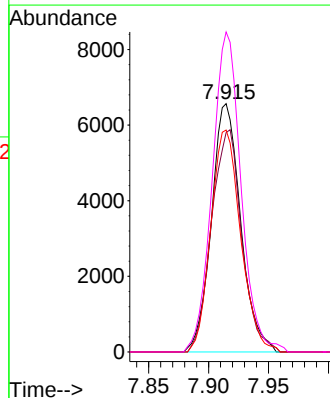
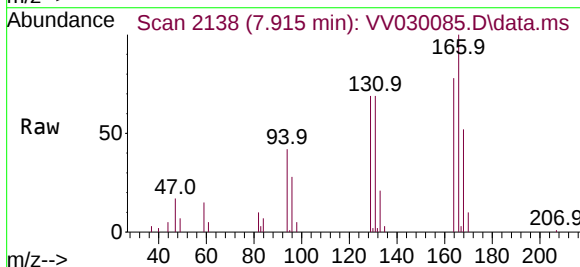
Ion	Ratio	Lower	Upper
97	100		
99	60.4	42.6	79.2
83	75.9	57.7	107.3
85	51.1	38.9	72.2

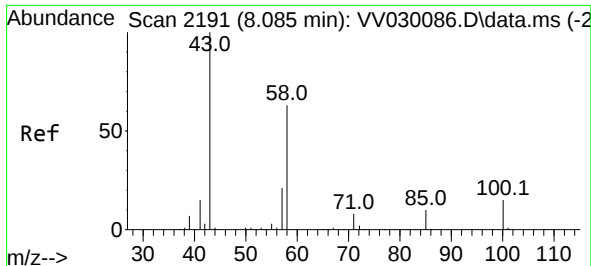


#47
Tetrachloroethene
Concen: 0.952 ug/L
RT: 7.915 min Scan# 2138
Delta R.T. 0.003 min
Lab File: VV030085.D
Acq: 23 Feb 2023 10:26

Tgt Ion: 164 Resp: 11110

Ion	Ratio	Lower	Upper
164	100		
129	88.4	63.6	118.2
131	89.4	61.7	114.7
166	128.9	90.8	168.6

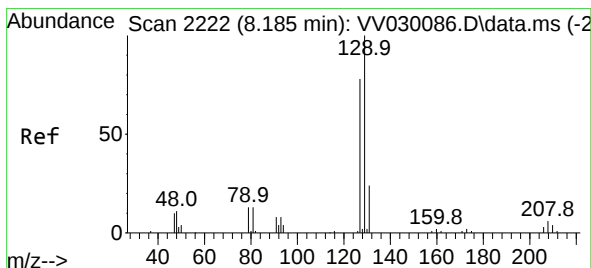
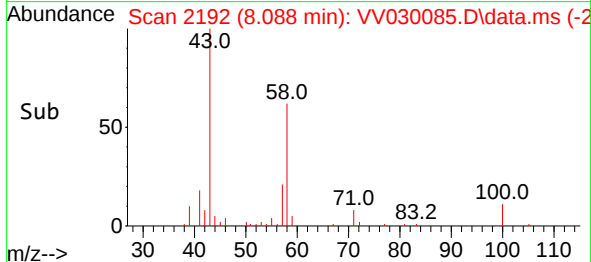
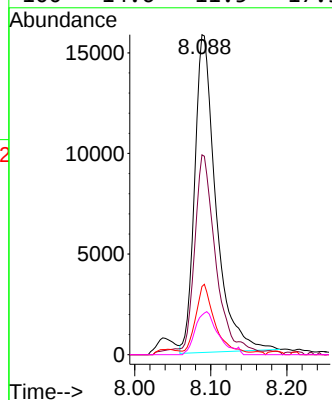
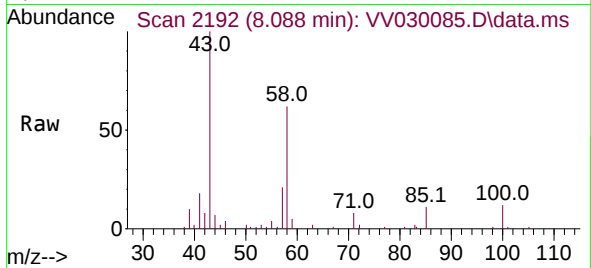




#48
2-Hexanone
Concen: 8.555 ug/L
RT: 8.088 min Scan# 2191
Delta R.T. 0.003 min
Lab File: VV030085.D
Acq: 23 Feb 2023 10:26

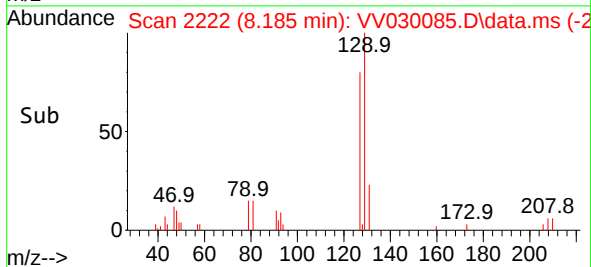
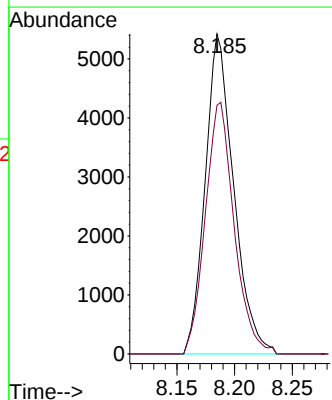
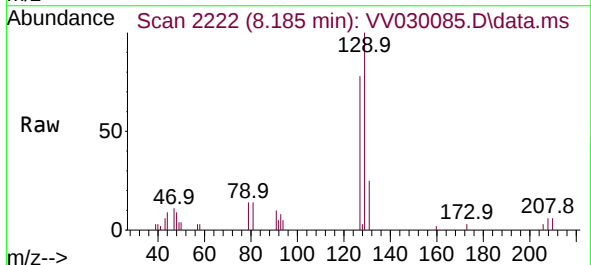
Instrument :
MSVOA_V
ClientSampleId :
VSTD001223

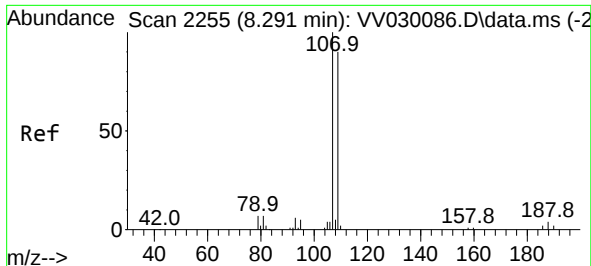
Tgt Ion: 43	Resp: 30681
Ion Ratio	Lower Upper
43 100	
58 64.2	49.8 74.8
57 20.4	16.6 24.8
100 14.6	11.5 17.3



#49
Dibromochloromethane
Concen: 0.900 ug/L
RT: 8.185 min Scan# 2222
Delta R.T. -0.000 min
Lab File: VV030085.D
Acq: 23 Feb 2023 10:26

Tgt Ion:129	Resp:	9297	
Ion	Ratio	Lower	Upper
129	100		
127	77.7	54.7	101.5





#50

1,2-Dibromoethane

Concen: 0.983 ug/L

RT: 8.294 min Scan# 21

Delta R.T. 0.003 min

Lab File: VV030085.D

Acq: 23 Feb 2023 10:26

Instrument :

MSVOA_V

ClientSampleId :

VSTD001223

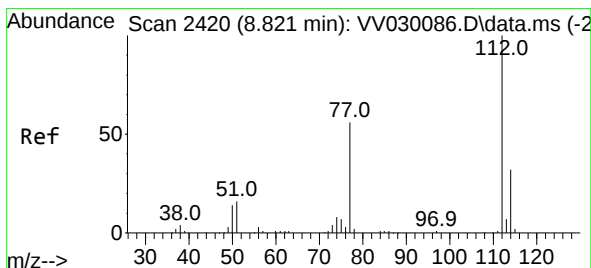
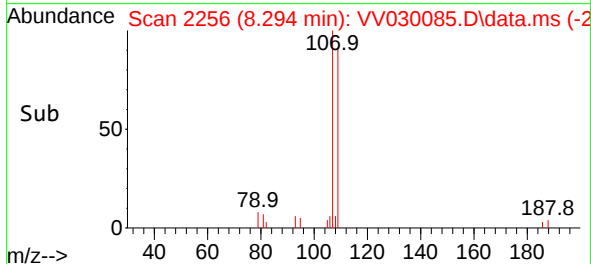
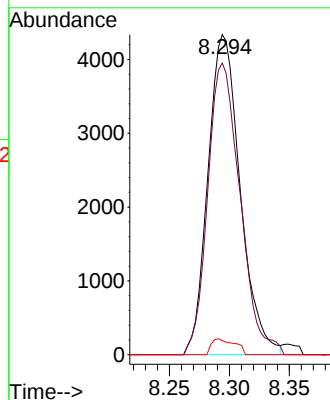
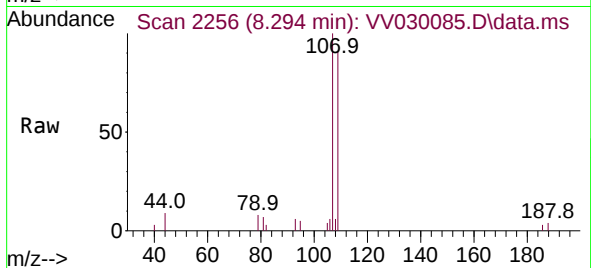
Tgt Ion:107 Resp: 8099

Ion Ratio Lower Upper

107 100

109 91.1 63.3 117.7

188 4.4 3.0 4.6



#51

Chlorobenzene

Concen: 0.961 ug/L

RT: 8.825 min Scan# 2421

Delta R.T. 0.003 min

Lab File: VV030085.D

Acq: 23 Feb 2023 10:26

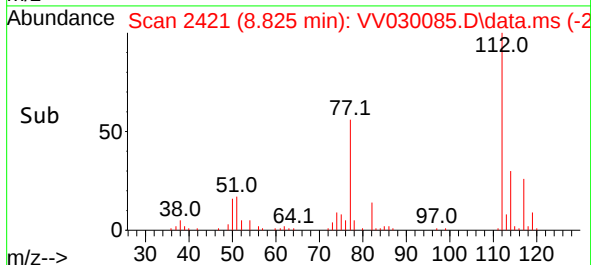
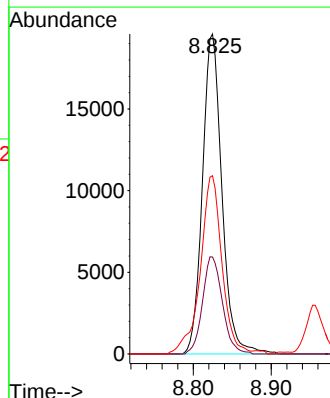
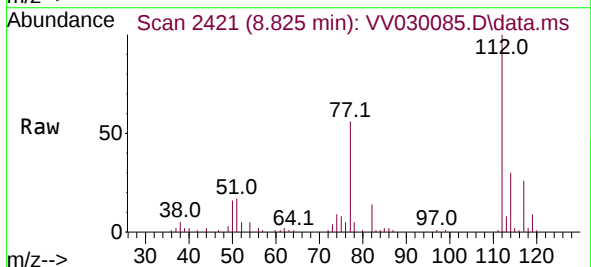
Tgt Ion:112 Resp: 34046

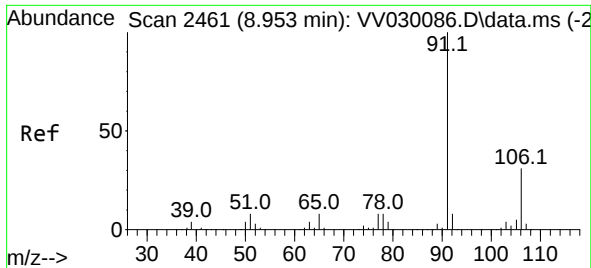
Ion Ratio Lower Upper

112 100

114 30.3 22.5 41.7

77 55.7 45.3 67.9





#52

Ethylbenzene

Concen: 0.899 ug/L

RT: 8.956 min Scan# 2461

Delta R.T. 0.003 min

Lab File: VV030085.D

Acq: 23 Feb 2023 10:26

Instrument :

MSVOA_V

ClientSampleId :

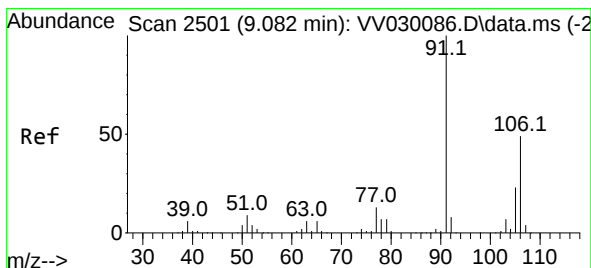
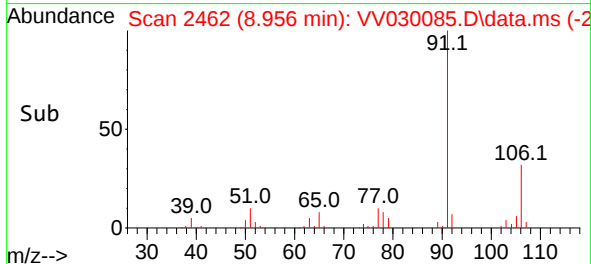
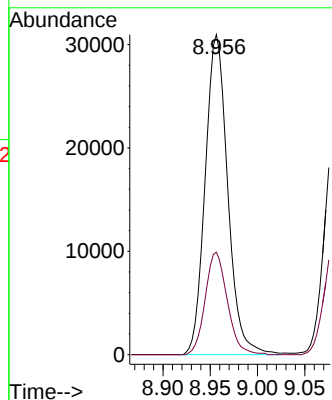
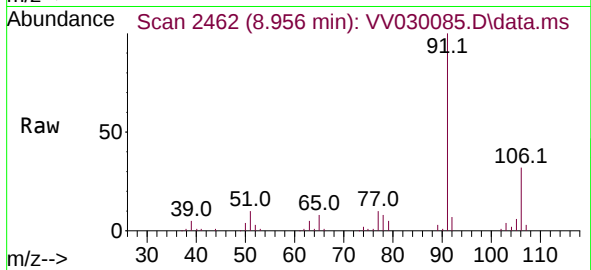
VSTD001223

Tgt Ion: 91 Resp: 51378

Ion Ratio Lower Upper

91 100

106 32.1 22.0 40.8



#53

m,p-Xylene

Concen: 0.899 ug/L

RT: 9.082 min Scan# 2501

Delta R.T. -0.000 min

Lab File: VV030085.D

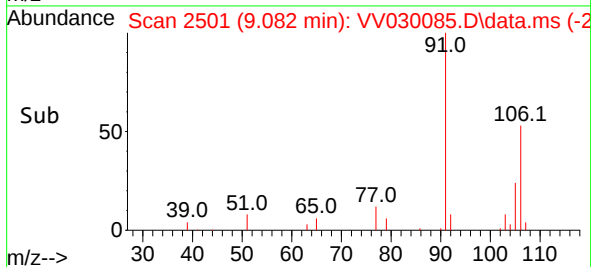
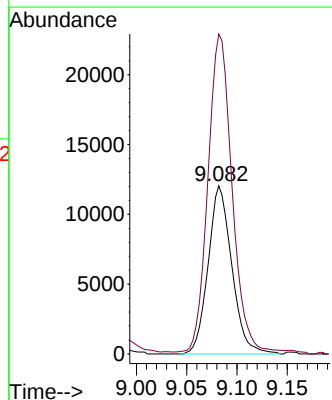
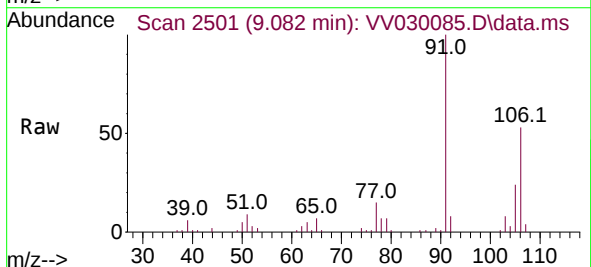
Acq: 23 Feb 2023 10:26

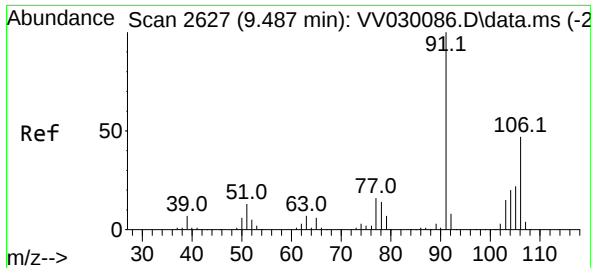
Tgt Ion:106 Resp: 19752

Ion Ratio Lower Upper

106 100

91 190.3 142.5 264.7

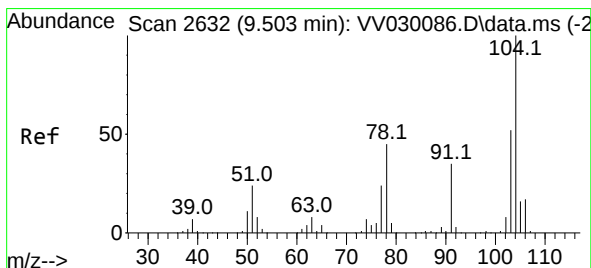
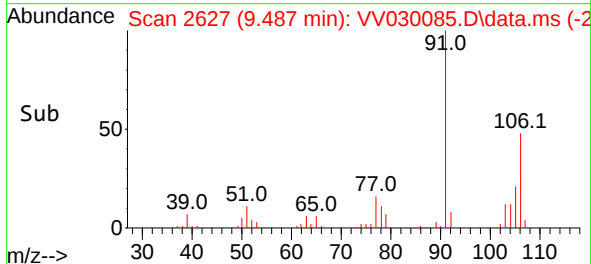
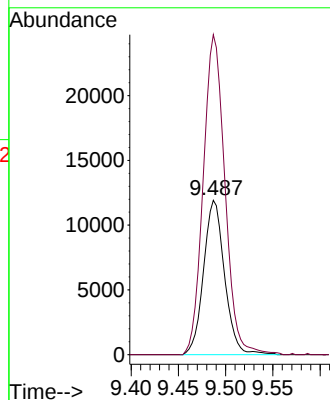
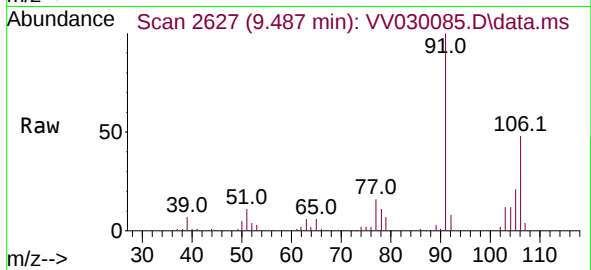




#54
o-Xylene
Concen: 0.880 ug/L
RT: 9.487 min Scan# 2627
Delta R.T. -0.000 min
Lab File: VV030085.D
Acq: 23 Feb 2023 10:26

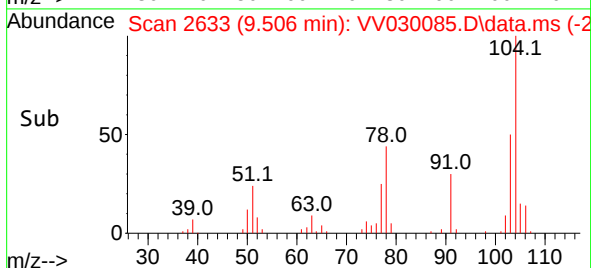
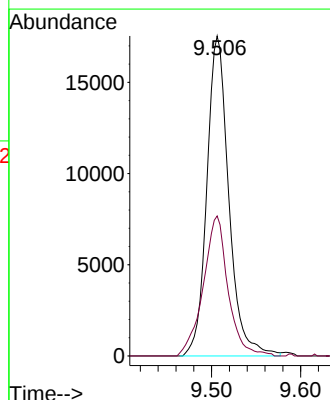
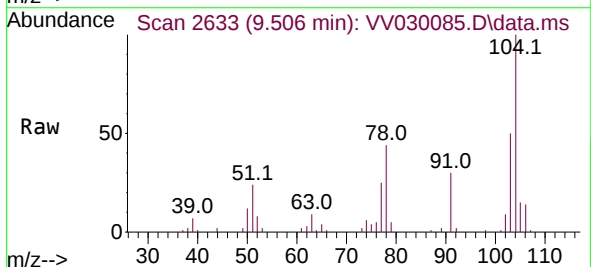
Instrument :
MSVOA_V
ClientSampleId :
VSTD001223

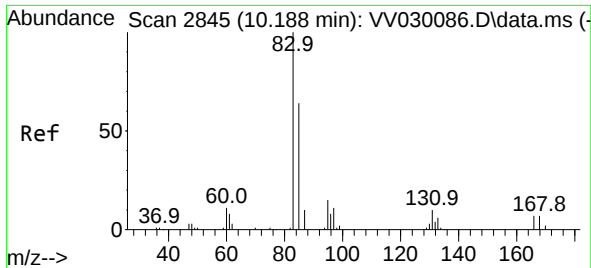
Tgt Ion:106 Resp: 18467
Ion Ratio Lower Upper
106 100
91 207.3 148.8 276.4



#55
Styrene
Concen: 0.861 ug/L
RT: 9.506 min Scan# 2633
Delta R.T. 0.003 min
Lab File: VV030085.D
Acq: 23 Feb 2023 10:26

Tgt Ion:104 Resp: 30051
Ion Ratio Lower Upper
104 100
78 43.8 31.1 57.9





#57

1,1,2,2-Tetrachloroethane

Concen: 0.969 ug/L

RT: 10.188 min Scan# 2845

Delta R.T. -0.000 min

Lab File: VV030085.D

Acq: 23 Feb 2023 10:26

Instrument :

MSVOA_V

ClientSampleId :

VSTD001223

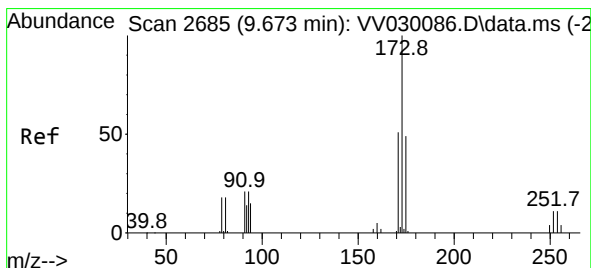
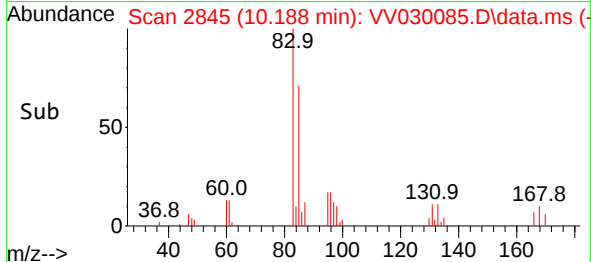
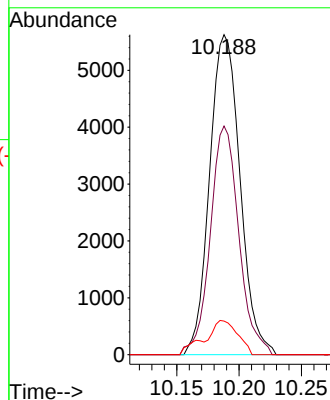
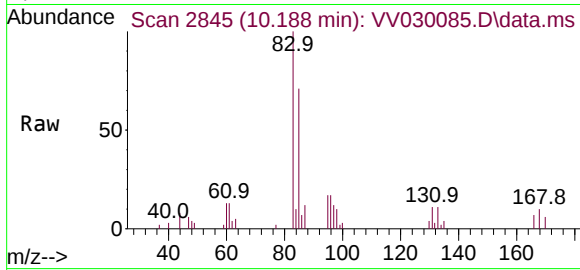
Tgt Ion: 83 Resp: 9574

Ion Ratio Lower Upper

83 100

85 71.4 45.0 83.6

131 10.5 8.2 12.4



#59

Bromoform

Concen: 1.010 ug/L

RT: 9.677 min Scan# 2686

Delta R.T. 0.003 min

Lab File: VV030085.D

Acq: 23 Feb 2023 10:26

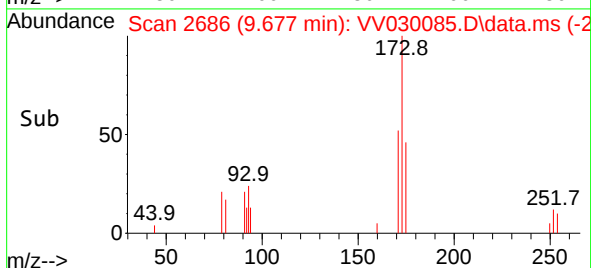
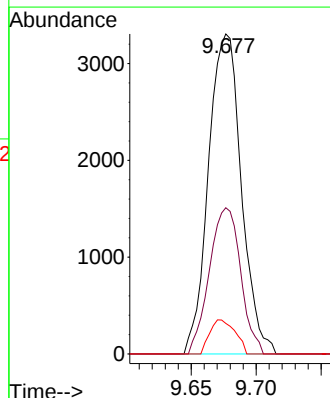
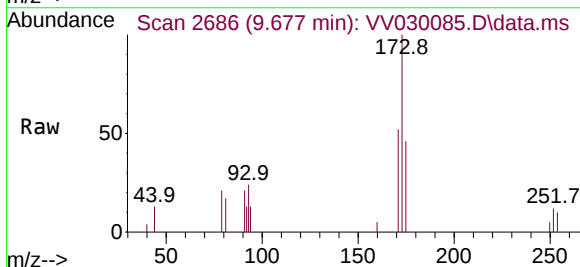
Tgt Ion: 173 Resp: 5815

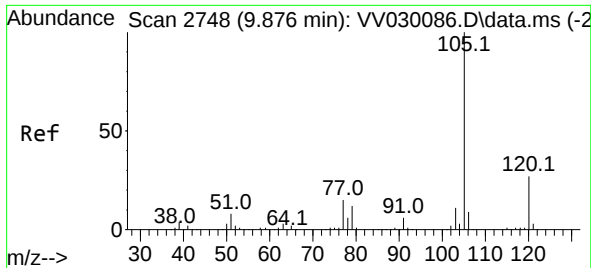
Ion Ratio Lower Upper

173 100

175 43.4 38.5 57.7

254 8.2 8.6 13.0#

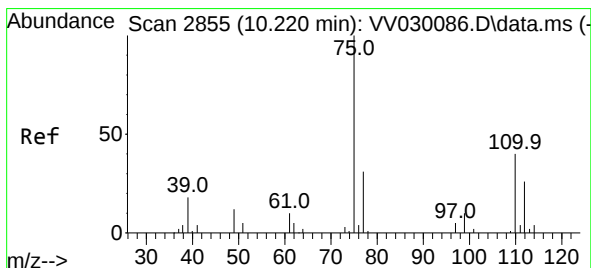
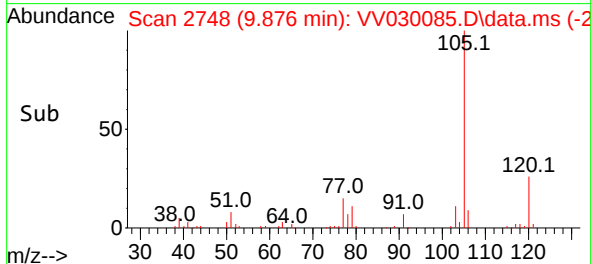
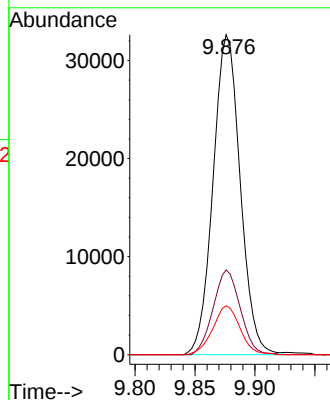
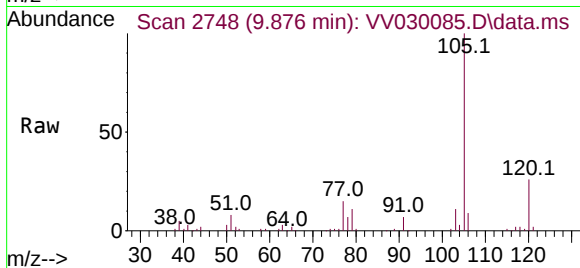




#60
Isopropylbenzene
Concen: 0.927 ug/L
RT: 9.876 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV030085.D
Acq: 23 Feb 2023 10:26

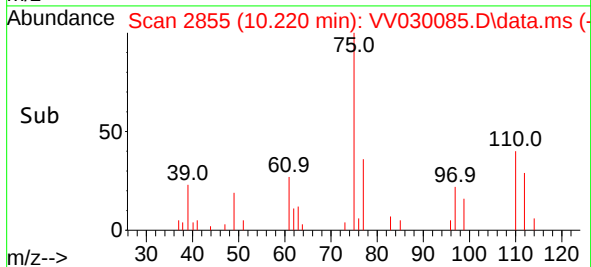
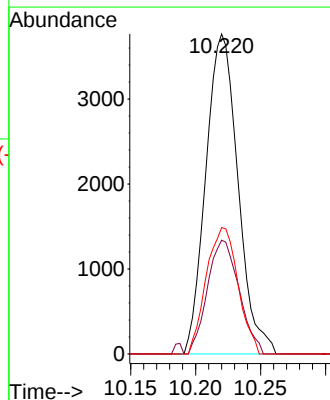
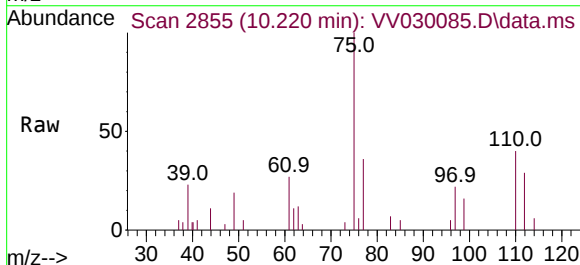
Instrument :
MSVOA_V
ClientSampleId :
VSTD001223

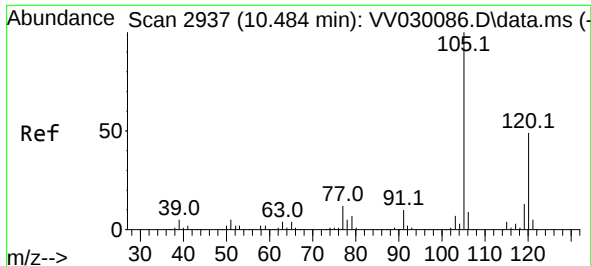
Tgt Ion:105 Resp: 51231
Ion Ratio Lower Upper
105 100
120 26.4 21.4 32.0
77 15.4 12.1 18.1



#61
1,2,3-Trichloropropane
Concen: 1.007 ug/L
RT: 10.220 min Scan# 2855
Delta R.T. -0.000 min
Lab File: VV030085.D
Acq: 23 Feb 2023 10:26

Tgt Ion: 75 Resp: 6474
Ion Ratio Lower Upper
75 100
77 35.0 26.5 39.7
110 38.9 31.8 47.6





#62

1,3,5-Trimethylbenzene

Concen: 0.877 ug/L

RT: 10.484 min Scan# 2937

Delta R.T. -0.000 min

Lab File: VV030085.D

Acq: 23 Feb 2023 10:26

Instrument :

MSVOA_V

ClientSampleId :

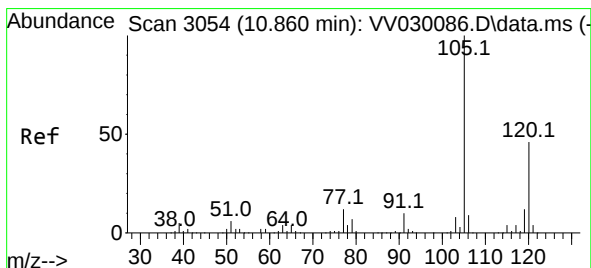
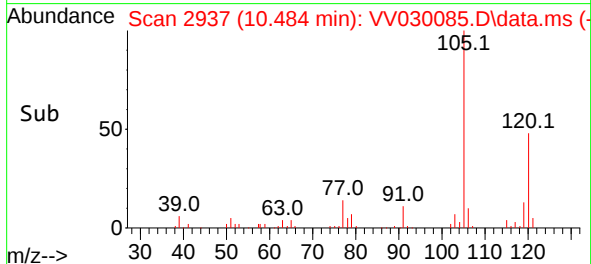
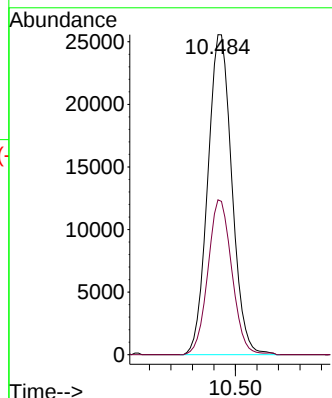
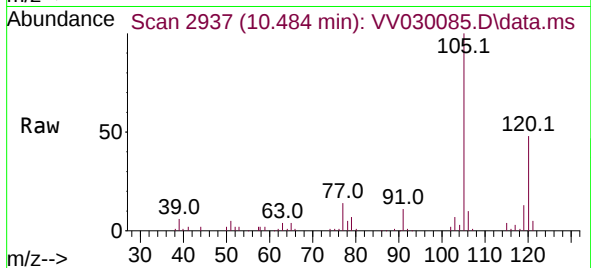
VSTD001223

Tgt Ion:105 Resp: 39806

Ion Ratio Lower Upper

105 100

120 48.0 39.6 59.4



#63

1,2,4-Trimethylbenzene

Concen: 0.867 ug/L

RT: 10.860 min Scan# 3054

Delta R.T. -0.000 min

Lab File: VV030085.D

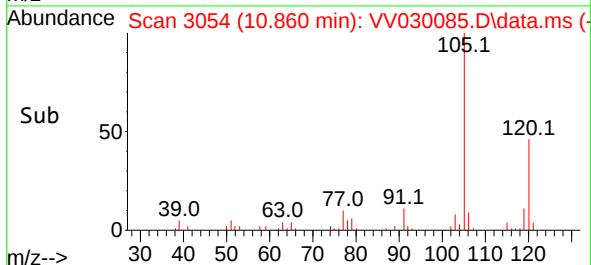
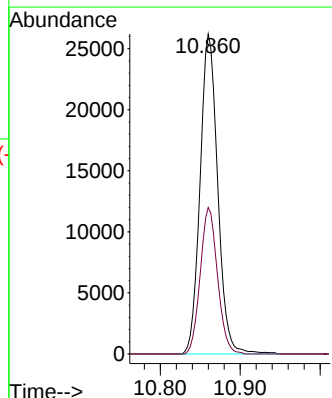
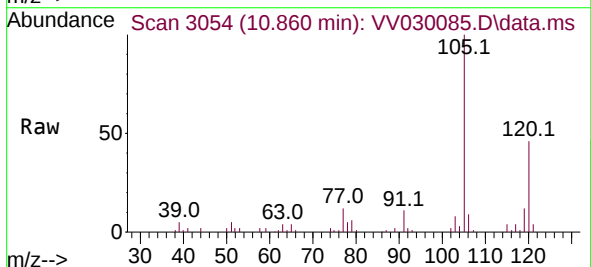
Acq: 23 Feb 2023 10:26

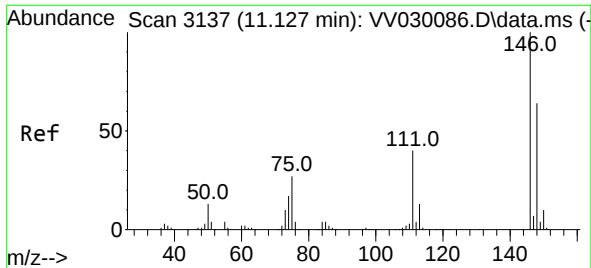
Tgt Ion:105 Resp: 40252

Ion Ratio Lower Upper

105 100

120 44.7 36.2 54.4

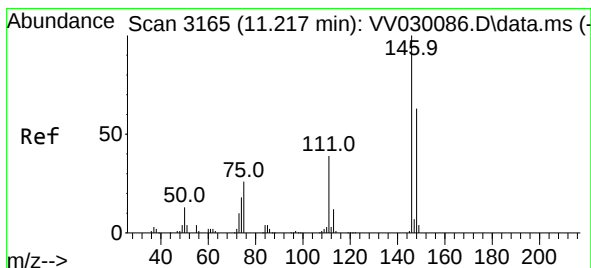
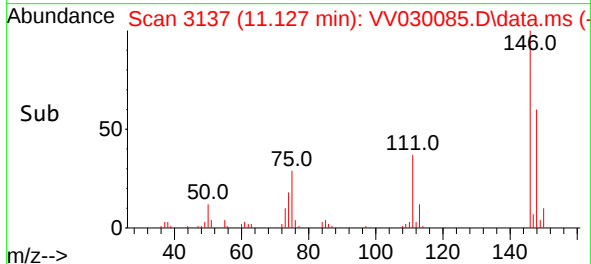
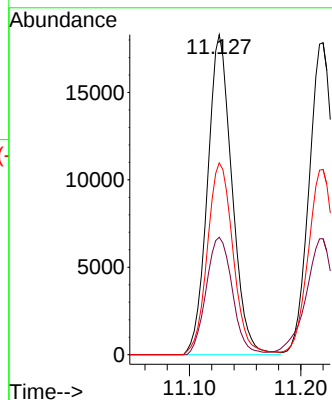
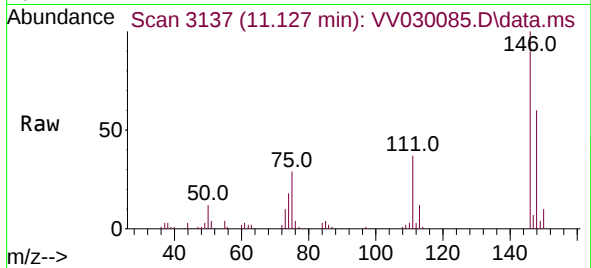




#64
1,3-Dichlorobenzene
Concen: 0.972 ug/L
RT: 11.127 min Scan# 3137
Delta R.T. -0.000 min
Lab File: VV030085.D
Acq: 23 Feb 2023 10:26

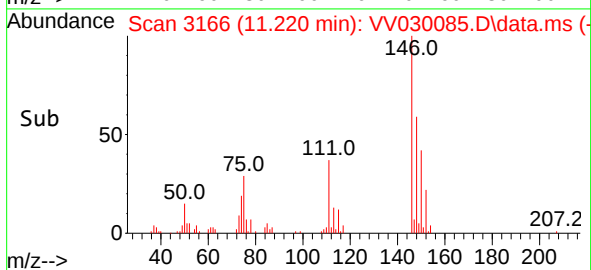
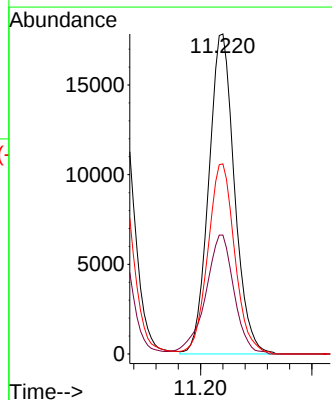
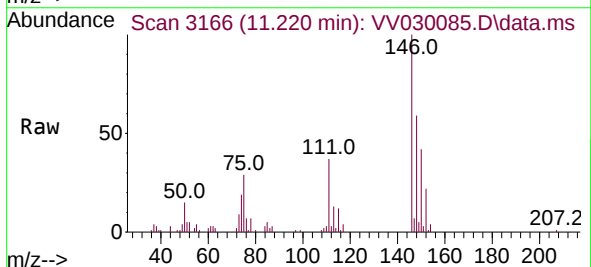
Instrument :
MSVOA_V
ClientSampleId :
VSTD001223

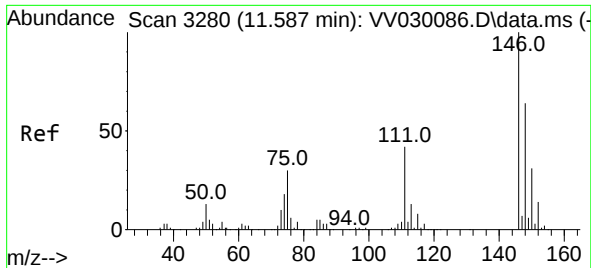
Tgt Ion:	146	Resp:	27984
Ion Ratio	Lower	Upper	
146	100		
111	36.7	27.7	51.5
148	59.9	44.5	82.7



#65
1,4-Dichlorobenzene
Concen: 0.987 ug/L
RT: 11.220 min Scan# 3166
Delta R.T. 0.003 min
Lab File: VV030085.D
Acq: 23 Feb 2023 10:26

Tgt Ion:	146	Resp:	28662
Ion Ratio	Lower	Upper	
146	100		
111	37.2	27.4	51.0
148	59.4	44.1	81.9

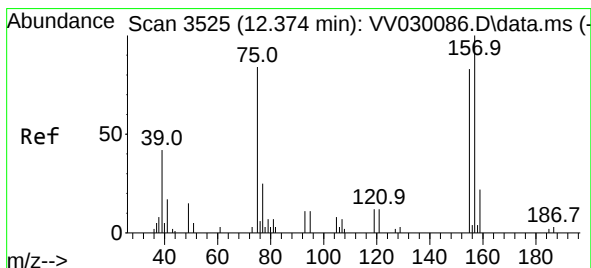
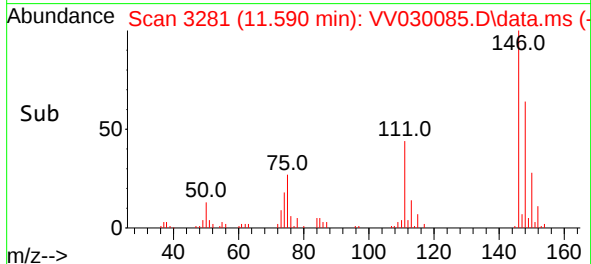
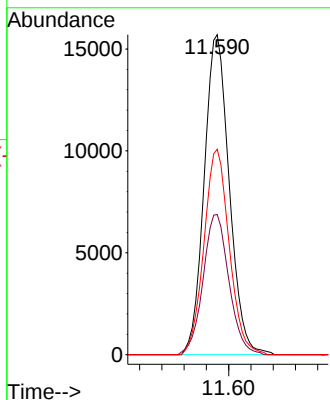
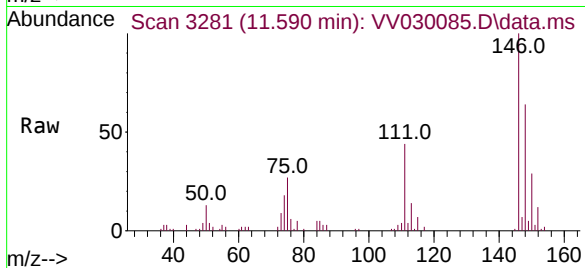




#67
1,2-Dichlorobenzene
Concen: 0.966 ug/L
RT: 11.590 min Scan# 31
Delta R.T. 0.003 min
Lab File: VV030085.D
Acq: 23 Feb 2023 10:26

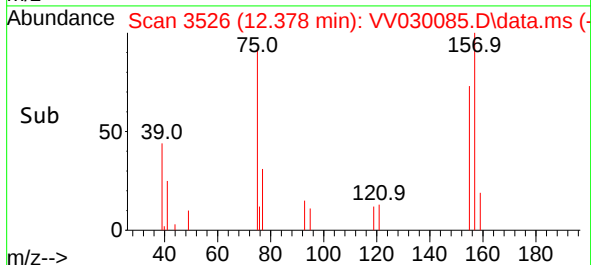
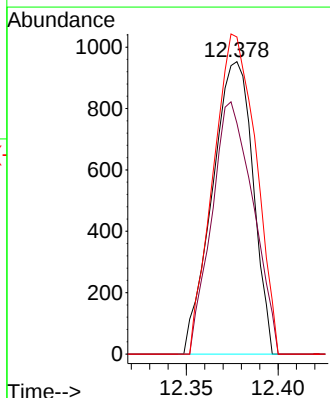
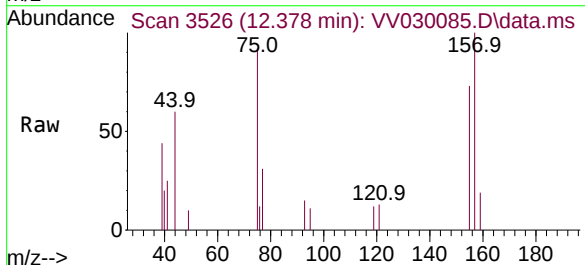
Instrument :
MSVOA_V
ClientSampleId :
VSTD001223

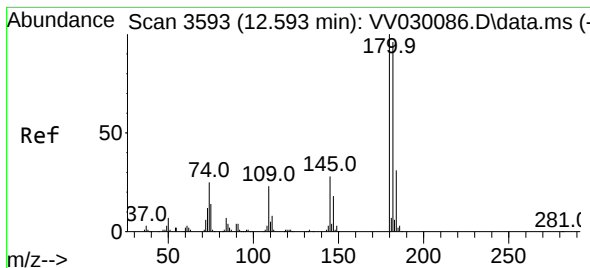
Tgt Ion:146 Resp: 24537
Ion Ratio Lower Upper
146 100
111 43.8 33.5 50.3
148 64.2 51.3 76.9



#68
1,2-Dibromo-3-chloropropane
Concen: 1.025 ug/L
RT: 12.378 min Scan# 3526
Delta R.T. 0.003 min
Lab File: VV030085.D
Acq: 23 Feb 2023 10:26

Tgt Ion: 75 Resp: 1472
Ion Ratio Lower Upper
75 100
155 78.9 79.1 118.7#
157 108.4 95.5 143.3





#69

1,3,5-Trichlorobenzene

Concen: 0.986 ug/L

RT: 12.593 min Scan# 3593

Delta R.T. -0.000 min

Lab File: VV030085.D

Acq: 23 Feb 2023 10:26

Instrument :

MSVOA_V

ClientSampleId :

VSTD001223

Tgt Ion:180 Resp: 23339

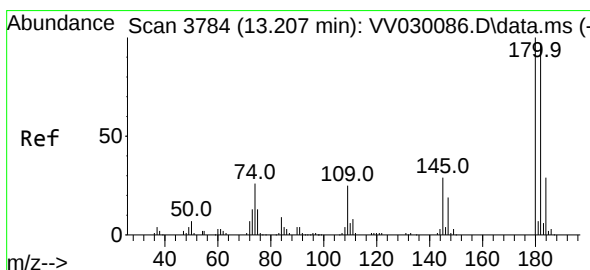
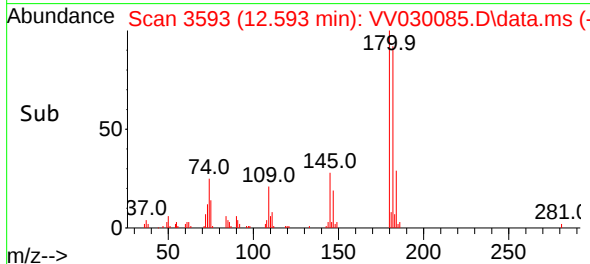
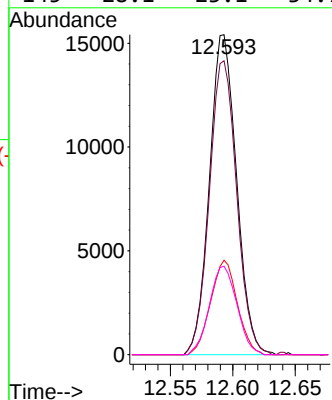
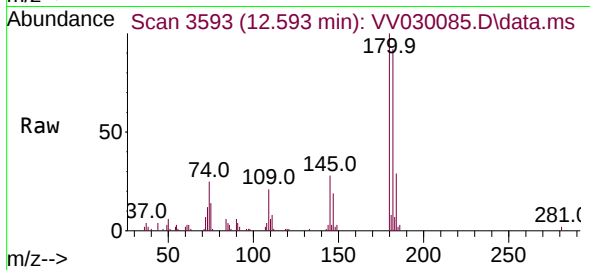
Ion Ratio Lower Upper

180 100

182 92.7 76.5 114.7

184 29.1 24.3 36.5

145 28.1 23.1 34.7



#70

1,2,4-trichlorobenzene

Concen: 0.943 ug/L

RT: 13.207 min Scan# 3784

Delta R.T. -0.000 min

Lab File: VV030085.D

Acq: 23 Feb 2023 10:26

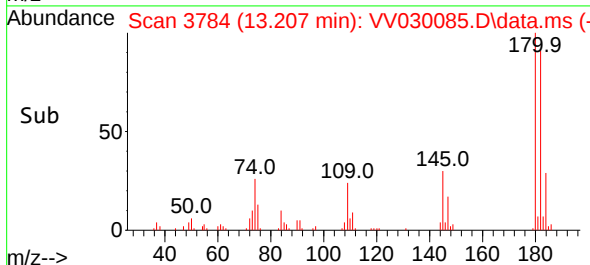
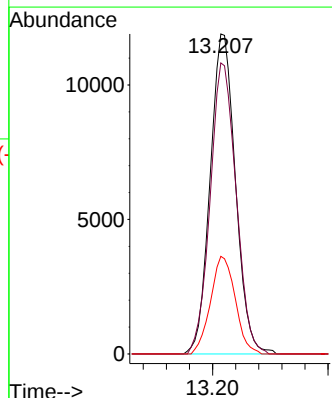
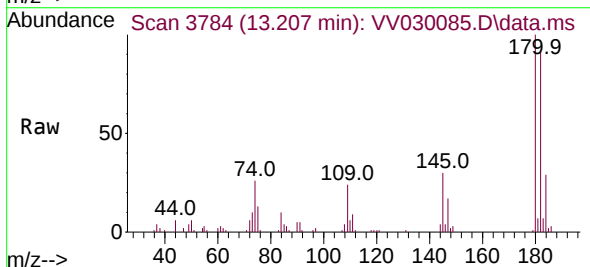
Tgt Ion:180 Resp: 18075

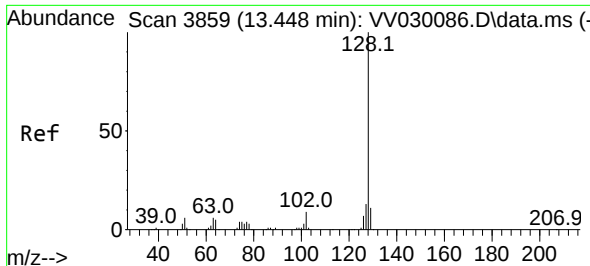
Ion Ratio Lower Upper

180 100

182 93.0 77.3 115.9

145 29.8 23.1 34.7

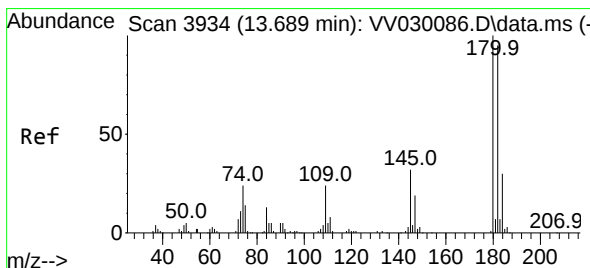
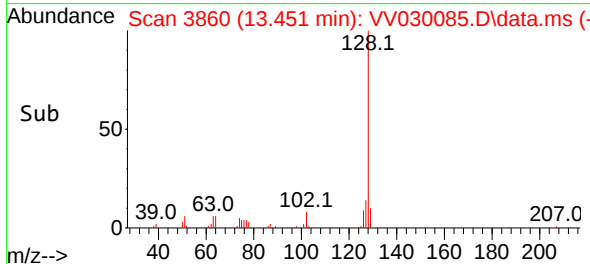
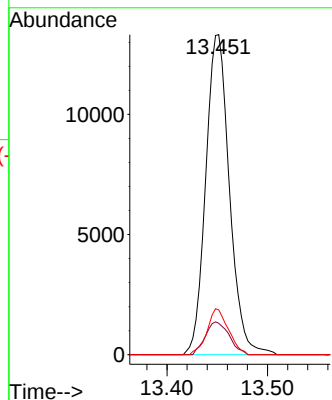
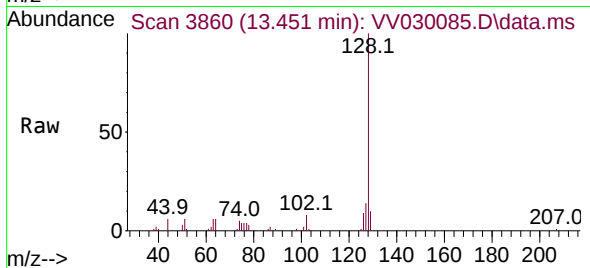




#71
Naphthalene
Concen: 0.872 ug/L
RT: 13.451 min Scan# 3860
Delta R.T. 0.003 min
Lab File: VV030085.D
Acq: 23 Feb 2023 10:26

Instrument :
MSVOA_V
ClientSampleId :
VSTD001223

Tgt Ion:	128	Resp:	21846
Ion Ratio	Lower	Upper	
128	100		
129	10.3	8.6	13.0
127	12.8	10.4	15.6



#72
1,2,3-Trichlorobenzene
Concen: 0.896 ug/L
RT: 13.689 min Scan# 3934
Delta R.T. -0.000 min
Lab File: VV030085.D
Acq: 23 Feb 2023 10:26

Tgt Ion:	180	Resp:	14130
Ion Ratio	Lower	Upper	
180	100		
182	100.2	76.2	114.2
145	33.6	25.1	37.7

