

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW042823\
 Data File : VW030912.D
 Acq On : 28 Apr 2023 11:13
 Operator : SY/MD
 Sample : VSTD00134
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD001234

Quant Time: Apr 29 00:38:05 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR042823WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Apr 29 00:37:09 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.545	114	134059	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.793	117	128706	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	68270	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	10268	0.930	ug/L	0.00
7) Chloroethane-d5	1.536	69	8102	0.899	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.063	65	4974	0.851	ug/L	0.00
20) 2-Butanone-d5	3.860	46	7731	3.955	ug/L	0.02
24) Chloroform-d	4.269	84	18876	0.860	ug/L	0.00
26) 1,2-Dichloroethane-d4	4.963	65	10050	0.901	ug/L	0.00
32) Benzene-d6	4.973	84	32229	0.854	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.002	67	9773	0.891	ug/L	0.00
41) Toluene-d8	7.256	98	28875	0.804	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.567	79	3467	0.843	ug/L	0.00
46) 2-Hexanone-d5	8.043	63	10167	7.283	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.162	84	6919	0.870	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.571	152	11186	0.879	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.108	85	10434	0.985	ug/L	99
3) Chloromethane	1.217	50	13012	1.047	ug/L	100
5) Vinyl chloride	1.285	62	10004	0.962	ug/L	94
6) Bromomethane	1.491	94	4949	0.999	ug/L	95
8) Chloroethane	1.552	64	6186	0.977	ug/L	100
9) Trichlorofluoromethane	1.716	101	18613	0.970	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.073	101	9725	0.993	ug/L	98
12) 1,1-Dichloroethene	2.076	96	9146	1.014	ug/L	84
13) Acetone	2.156	43	9029	5.396	ug/L	89
14) Carbon disulfide	2.246	76	22503	0.953	ug/L	98
15) Methyl Acetate	2.391	43	1169	0.344	ug/L #	16
16) Methylene chloride	2.455	84	9772	0.957	ug/L	99
17) Methyl tert-butyl Ether	2.716	73	16024	0.933	ug/L	93
18) trans-1,2-Dichloroethene	2.703	96	8159	0.990	ug/L	95
19) 1,1-Dichloroethane	3.124	63	16200	1.018	ug/L	99
21) 2-Butanone	3.931	43	6895	3.734	ug/L	99
22) cis-1,2-Dichloroethene	3.835	96	8318	0.957	ug/L	89
23) Bromochloromethane	4.172	128	4434	1.083	ug/L	82
25) Chloroform	4.291	83	16944	0.992	ug/L	98
27) 1,2-Dichloroethane	5.060	62	9619	0.898	ug/L #	88
29) 1,1,1-Trichloroethane	4.529	97	15984	0.988	ug/L	97
30) Cyclohexane	4.593	56	11242	0.920	ug/L	98
31) Carbon tetrachloride	4.748	117	15122	1.041	ug/L	93
33) Benzene	5.024	78	30786	0.951	ug/L	100
34) Trichloroethene	5.844	95	8899	1.031	ug/L	89
35) Methylcyclohexane	6.063	83	12325	0.922	ug/L	99
37) 1,2-Dichloropropane	6.111	63	6329	0.824	ug/L	98
38) Bromodichloromethane	6.445	83	11100	0.988	ug/L #	95
39) cis-1,3-Dichloropropene	6.966	75	11024	0.958	ug/L	91
40) 4-Methyl-2-pentanone	7.175	43	33514	8.423	ug/L	98
42) Toluene	7.326	91	30718	0.881	ug/L	99
44) trans-1,3-Dichloropropene	7.600	75	8999	0.918	ug/L	98

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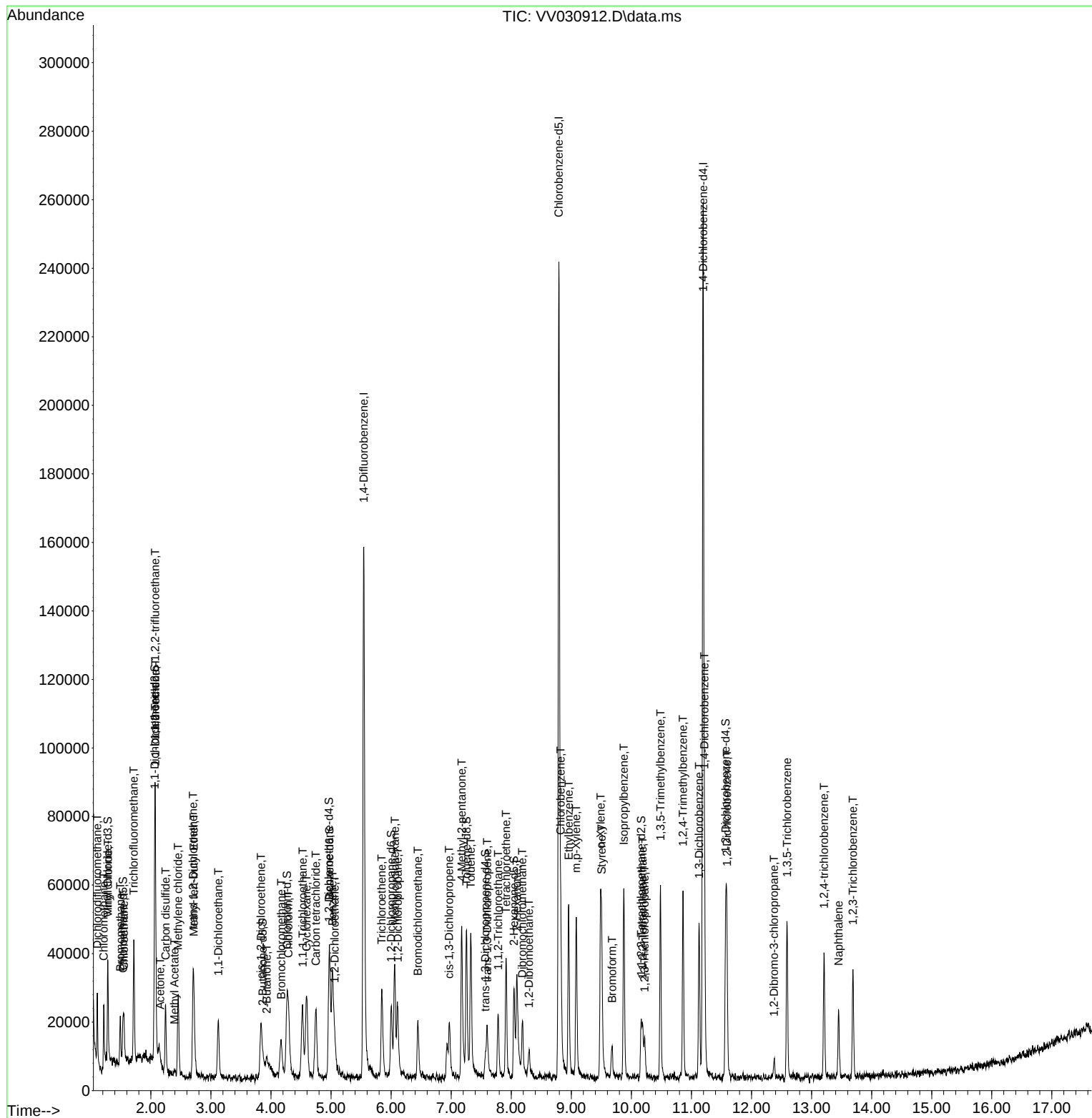
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

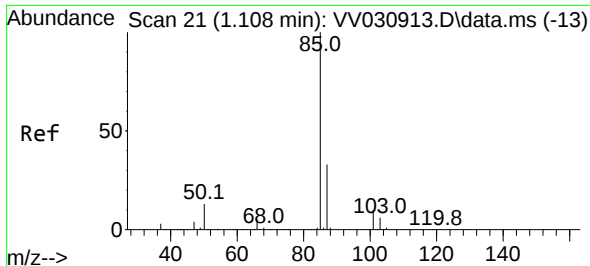
45) 1,1,2-Trichloroethane	7.783	97	5308	0.932	ug/L	98
47) Tetrachloroethene	7.915	164	7990	0.970	ug/L	94
48) 2-Hexanone	8.092	43	21026	7.259	ug/L #	94
49) Dibromochloromethane	8.185	129	6889	0.961	ug/L	99
50) 1,2-Dibromoethane	8.294	107	4931	0.970	ug/L #	99
51) Chlorobenzene	8.821	112	23151	0.980	ug/L	98
52) Ethylbenzene	8.957	91	33640	0.885	ug/L	99
53) m,p-Xylene	9.082	106	13809	0.911	ug/L	95
54) o-Xylene	9.487	106	12613	0.874	ug/L	96
55) Styrene	9.506	104	20420	0.839	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.188	83	6053	0.950	ug/L #	90
59) Bromoform	9.677	173	4282	1.066	ug/L #	74
60) Isopropylbenzene	9.873	105	35058	0.952	ug/L	98
61) 1,2,3-Trichloropropane	10.220	75	4502	1.050	ug/L #	93
62) 1,3,5-Trimethylbenzene	10.484	105	28251	0.943	ug/L	99
63) 1,2,4-Trimethylbenzene	10.860	105	28445	0.937	ug/L	97
64) 1,3-Dichlorobenzene	11.127	146	18144	0.960	ug/L	97
65) 1,4-Dichlorobenzene	11.217	146	18605	0.976	ug/L	94
67) 1,2-Dichlorobenzene	11.590	146	16978	0.999	ug/L	92
68) 1,2-Dibromo-3-chloropr...	12.374	75	1023	0.940	ug/L	85
69) 1,3,5-Trichlorobenzene	12.590	180	14793	0.988	ug/L	97
70) 1,2,4-trichlorobenzene	13.207	180	11056	0.961	ug/L	99
71) Naphthalene	13.451	128	15823	0.959	ug/L	99
72) 1,2,3-Trichlorobenzene	13.689	180	9248	0.950	ug/L	95

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

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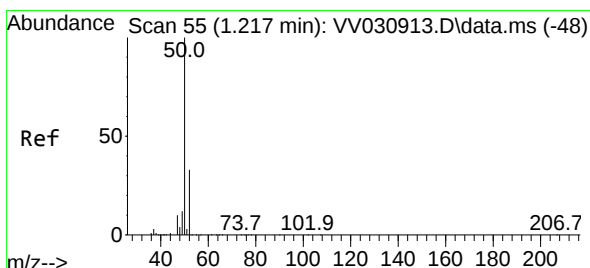
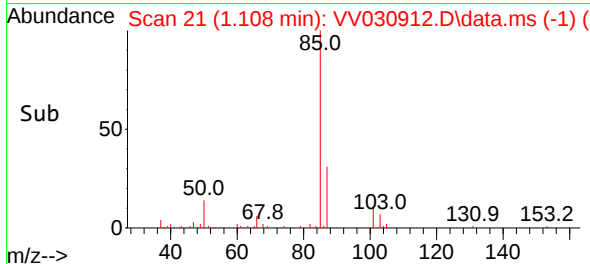
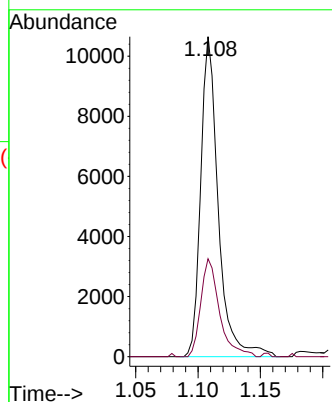
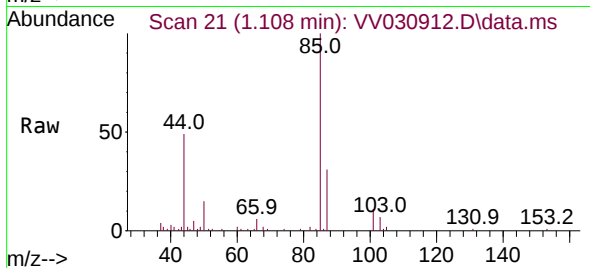




#2
 Dichlorodifluoromethane
 Concen: 0.985 ug/L
 RT: 1.108 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VV030912.D
 Acq: 28 Apr 2023 11:13

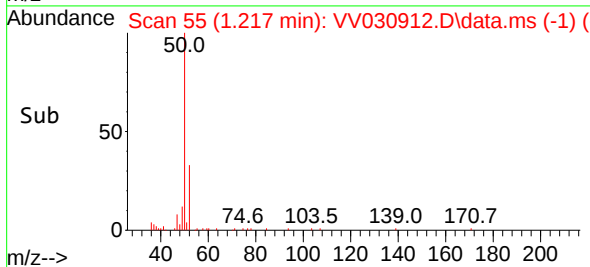
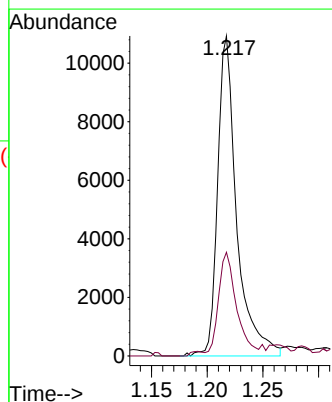
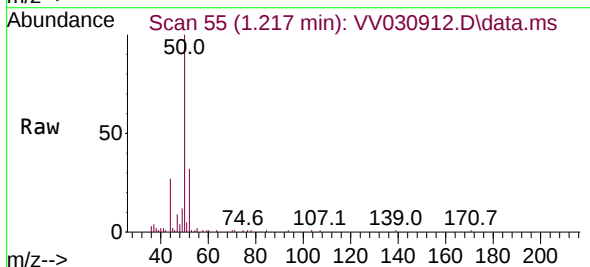
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD001234

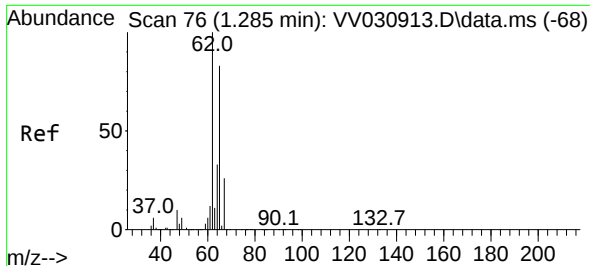
Tgt Ion: 85 Resp: 10434
 Ion Ratio Lower Upper
 85 100
 87 32.5 25.8 38.6



#3
 Chloromethane
 Concen: 1.047 ug/L
 RT: 1.217 min Scan# 55
 Delta R.T. 0.000 min
 Lab File: VV030912.D
 Acq: 28 Apr 2023 11:13

Tgt Ion: 50 Resp: 13012
 Ion Ratio Lower Upper
 50 100
 52 32.4 22.8 42.4

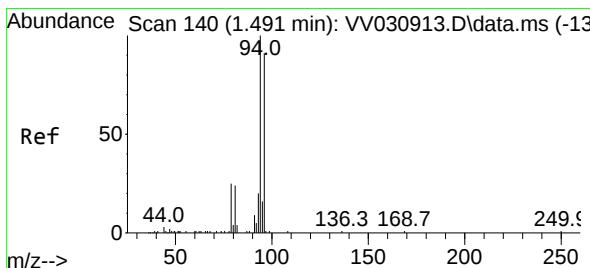
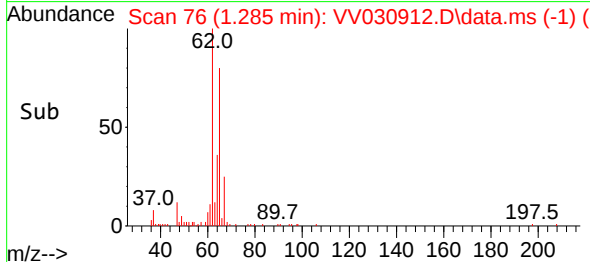
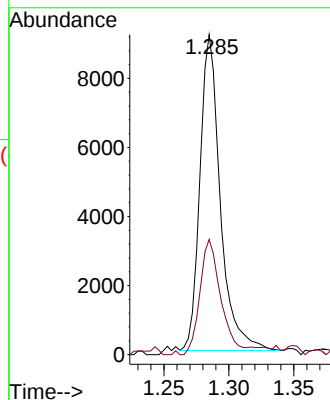
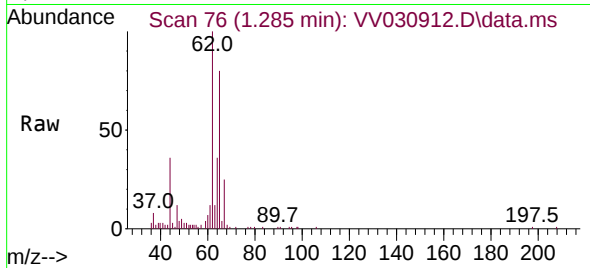




#5
 Vinyl chloride
 Concen: 0.962 ug/L
 RT: 1.285 min Scan# 76
 Delta R.T. 0.000 min
 Lab File: VV030912.D
 Acq: 28 Apr 2023 11:13

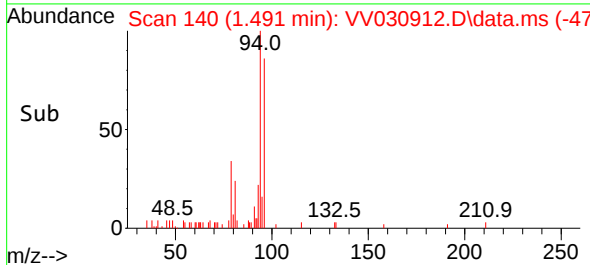
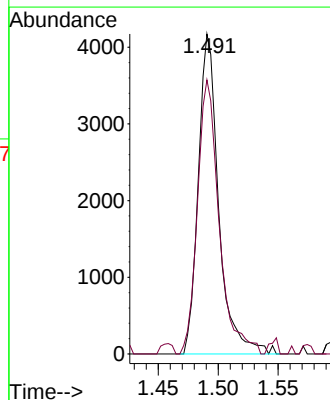
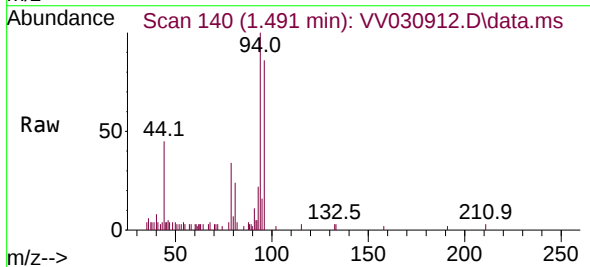
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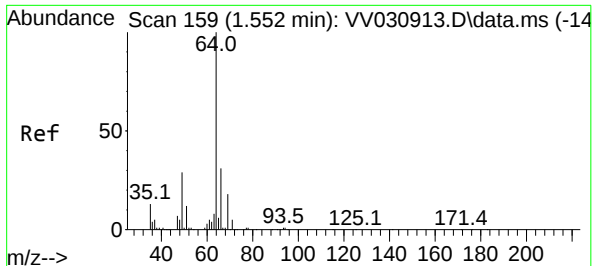
Tgt Ion: 62 Resp: 10004
 Ion Ratio Lower Upper
 62 100
 64 36.0 22.8 42.4



#6
 Bromomethane
 Concen: 0.999 ug/L
 RT: 1.491 min Scan# 140
 Delta R.T. 0.000 min
 Lab File: VV030912.D
 Acq: 28 Apr 2023 11:13

Tgt Ion: 94 Resp: 4949
 Ion Ratio Lower Upper
 94 100
 96 85.6 63.4 117.8

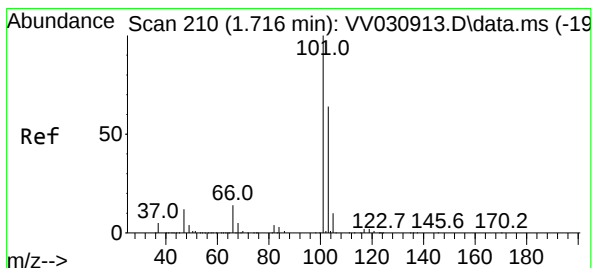
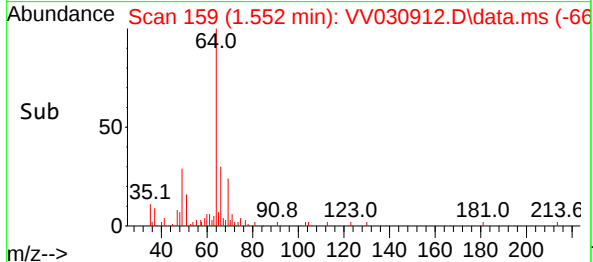
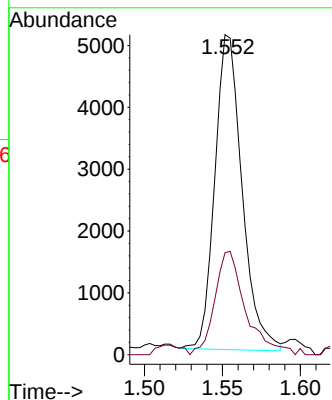
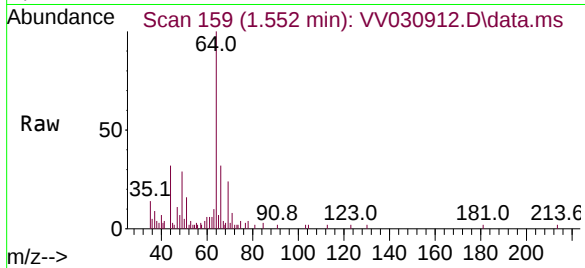




#8
Chloroethane
Concen: 0.977 ug/L
RT: 1.552 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV030912.D
Acq: 28 Apr 2023 11:13

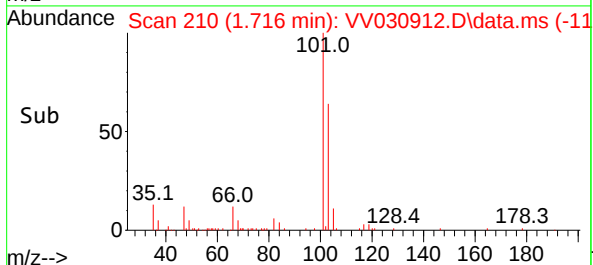
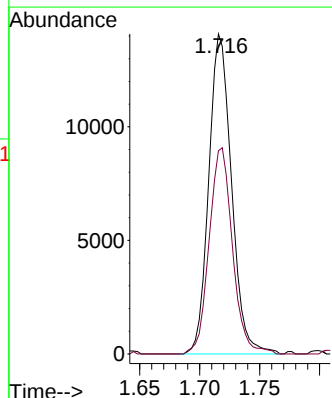
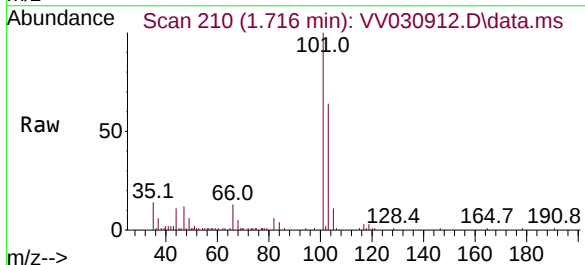
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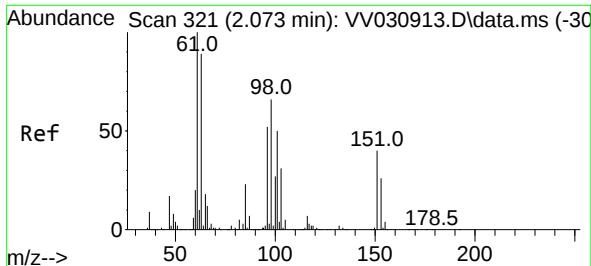
Tgt Ion: 64 Resp: 6186
Ion Ratio Lower Upper
64 100
66 31.8 22.1 41.1



#9
Trichlorofluoromethane
Concen: 0.970 ug/L
RT: 1.716 min Scan# 210
Delta R.T. 0.000 min
Lab File: VV030912.D
Acq: 28 Apr 2023 11:13

Tgt Ion: 101 Resp: 18613
Ion Ratio Lower Upper
101 100
103 65.9 51.8 77.8

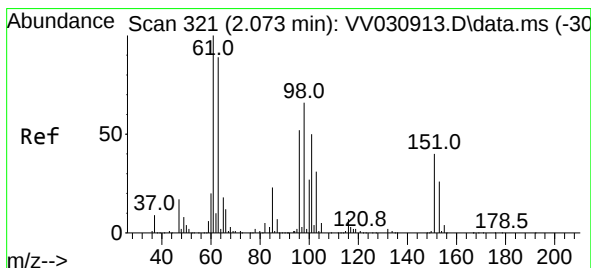
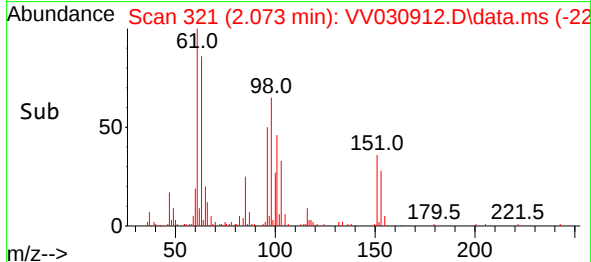
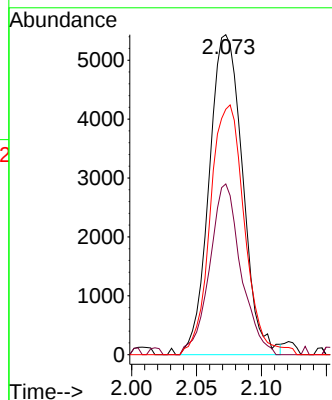
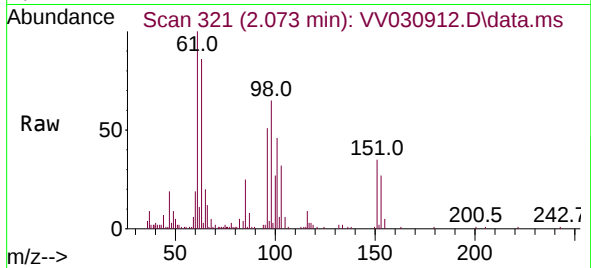




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.993 ug/L
 RT: 2.073 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: VV030912.D
 Acq: 28 Apr 2023 11:13

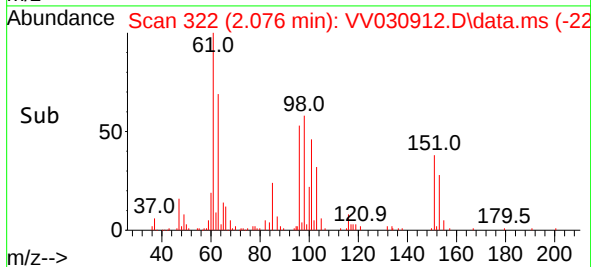
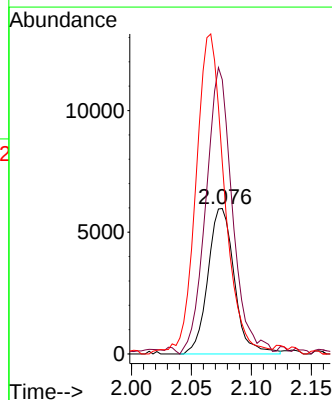
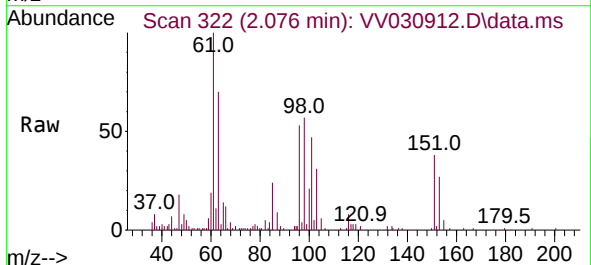
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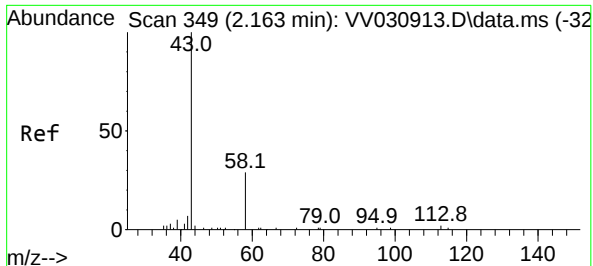
Tgt Ion:101 Resp: 9725
 Ion Ratio Lower Upper
 101 100
 85 49.9 38.7 58.1
 151 79.7 65.1 97.7



#12
 1,1-Dichloroethene
 Concen: 1.014 ug/L
 RT: 2.076 min Scan# 322
 Delta R.T. 0.003 min
 Lab File: VV030912.D
 Acq: 28 Apr 2023 11:13

Tgt Ion: 96 Resp: 9146
 Ion Ratio Lower Upper
 96 100
 61 188.6 135.6 251.8
 63 131.8 121.1 224.9





#13

Acetone

Concen: 5.396 ug/L

RT: 2.156 min Scan# 34

Delta R.T. -0.006 min

Lab File: VV030912.D

Acq: 28 Apr 2023 11:13

Instrument :

MSVOA_V

ClientSampleId :

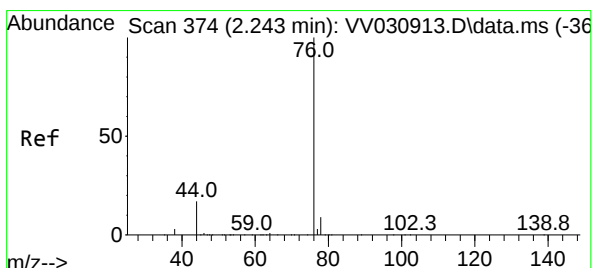
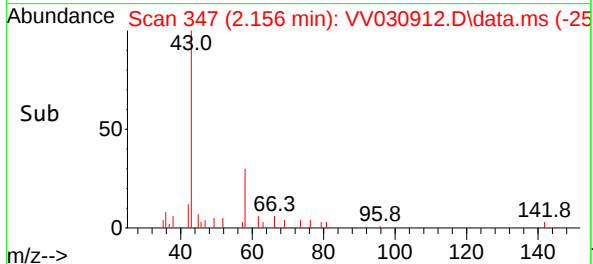
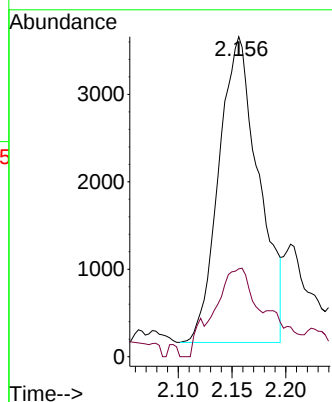
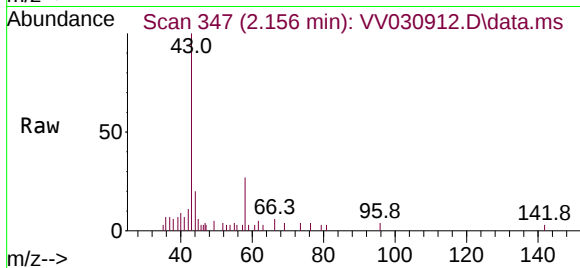
VSTD001234

Tgt Ion: 43 Resp: 9029

Ion Ratio Lower Upper

43 100

58 13.8 0.0 37.0



#14

Carbon disulfide

Concen: 0.953 ug/L

RT: 2.246 min Scan# 375

Delta R.T. 0.003 min

Lab File: VV030912.D

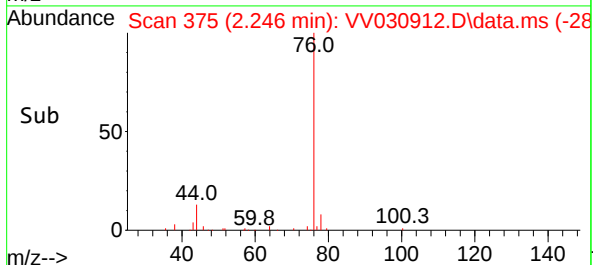
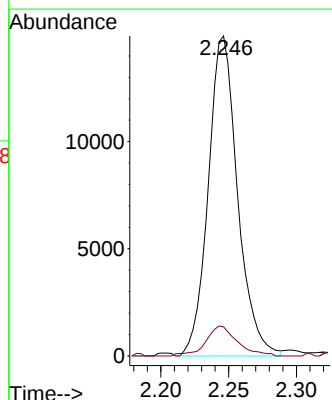
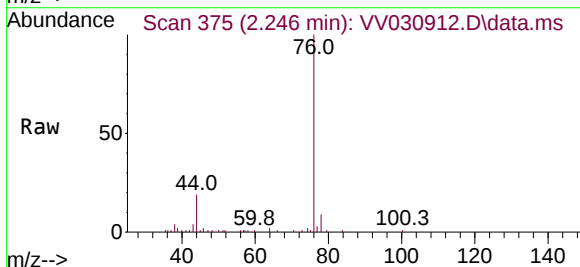
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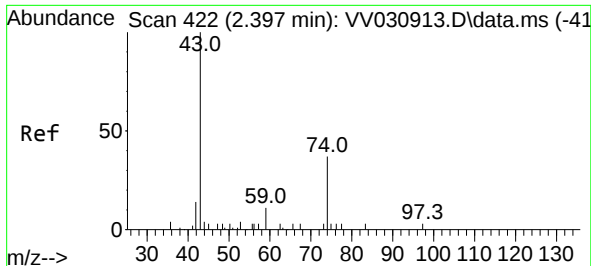
Tgt Ion: 76 Resp: 22503

Ion Ratio Lower Upper

76 100

78 9.1 6.8 10.2

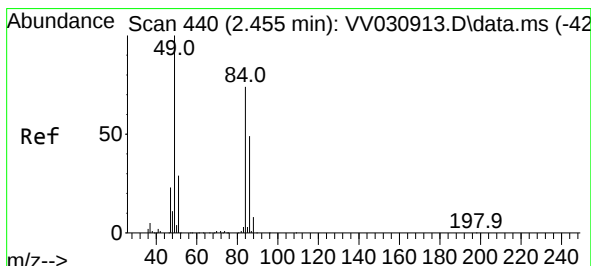
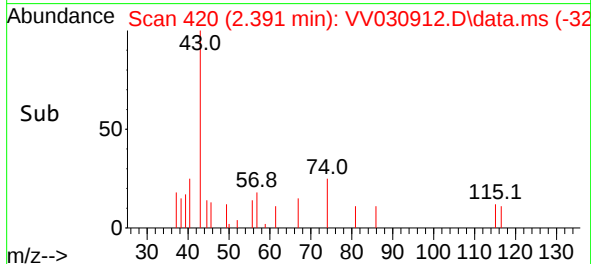
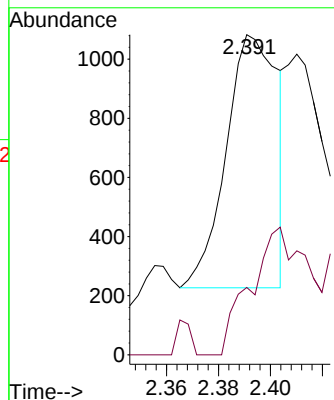
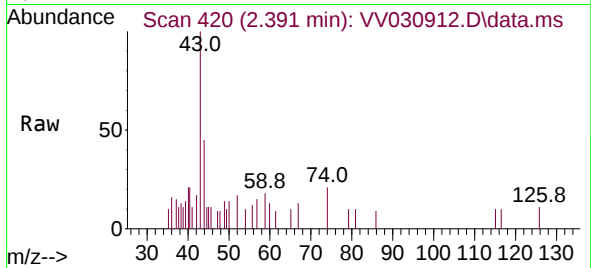




#15
Methyl Acetate
Concen: 0.344 ug/L
RT: 2.391 min Scan# 41
Delta R.T. -0.006 min
Lab File: VV030912.D
Acq: 28 Apr 2023 11:13

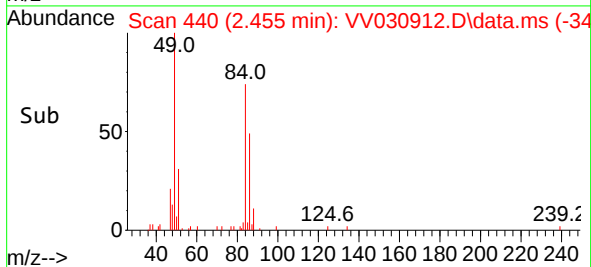
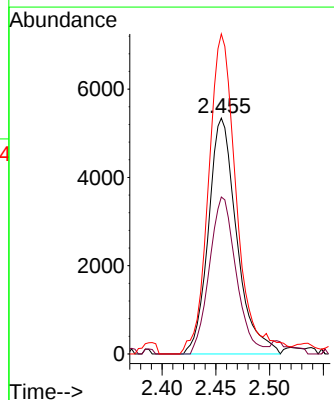
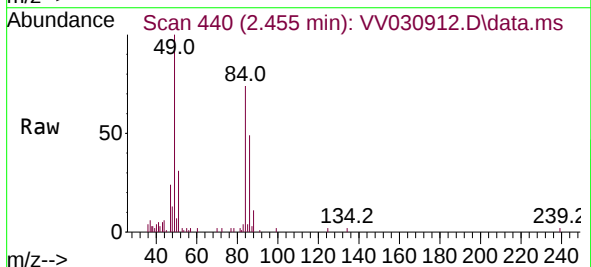
Instrument :
MSVOA_V
ClientSampleId :
VSTD001234

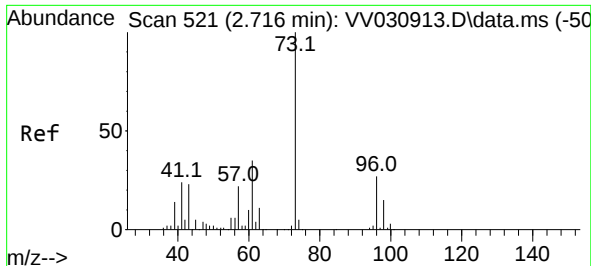
Tgt Ion: 43 Resp: 1169
Ion Ratio Lower Upper
43 100
74 56.5 15.0 22.6#



#16
Methylene chloride
Concen: 0.957 ug/L
RT: 2.455 min Scan# 440
Delta R.T. 0.000 min
Lab File: VV030912.D
Acq: 28 Apr 2023 11:13

Tgt Ion: 84 Resp: 9772
Ion Ratio Lower Upper
84 100
86 66.6 46.1 85.5
49 135.7 94.3 175.1





#17

Methyl tert-butyl Ether

Concen: 0.933 ug/L

RT: 2.716 min Scan# 517

Delta R.T. 0.000 min

Lab File: VV030912.D

Acq: 28 Apr 2023 11:13

Instrument :

MSVOA_V

ClientSampleId :

VSTD001234

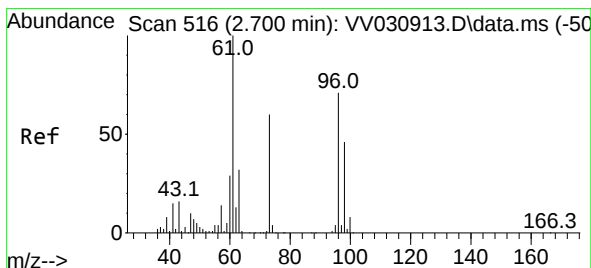
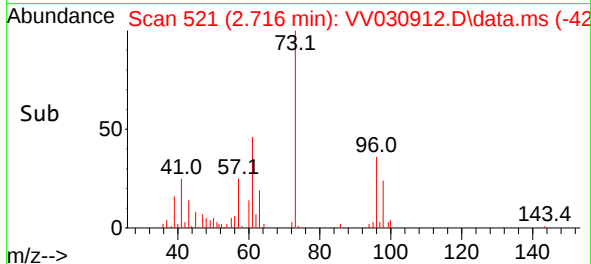
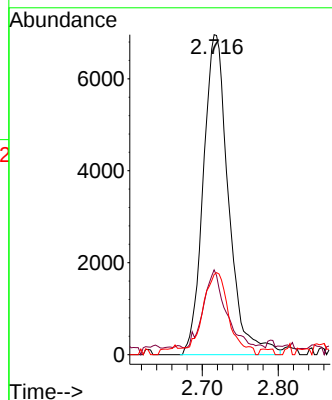
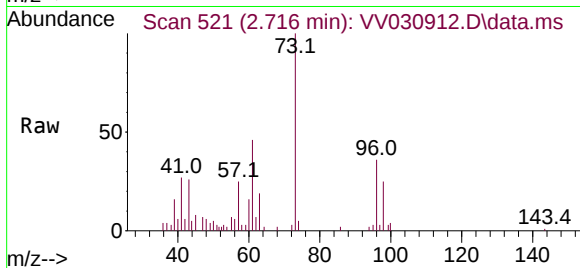
Tgt Ion: 73 Resp: 16024

Ion Ratio Lower Upper

73 100

43 21.9 19.9 29.9

57 26.4 18.2 27.4



#18

trans-1,2-Dichloroethene

Concen: 0.990 ug/L

RT: 2.703 min Scan# 517

Delta R.T. 0.003 min

Lab File: VV030912.D

Acq: 28 Apr 2023 11:13

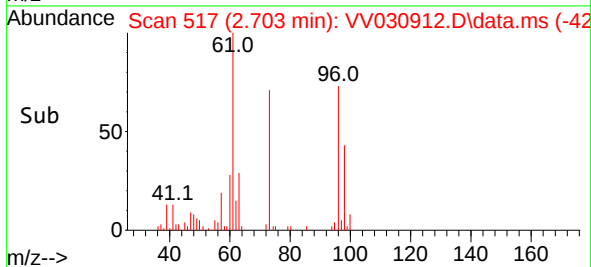
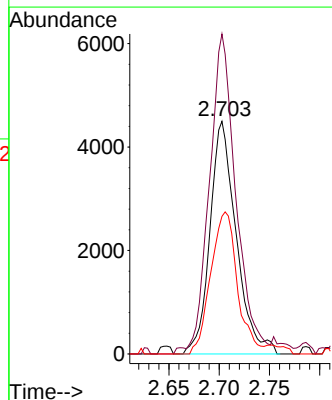
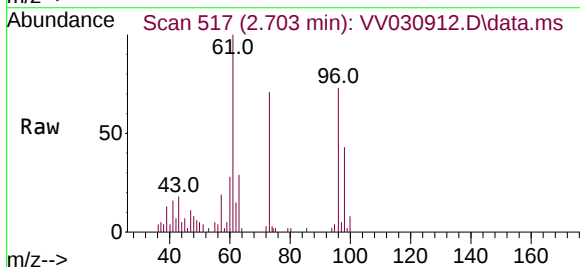
Tgt Ion: 96 Resp: 8159

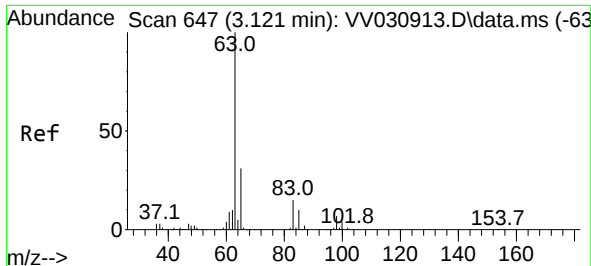
Ion Ratio Lower Upper

96 100

61 137.5 98.9 183.7

98 59.1 46.0 85.4





#19

1,1-Dichloroethane

Concen: 1.018 ug/L

RT: 3.124 min Scan# 64

Delta R.T. 0.003 min

Lab File: VV030912.D

Acq: 28 Apr 2023 11:13

Instrument :

MSVOA_V

ClientSampleId :

VSTD001234

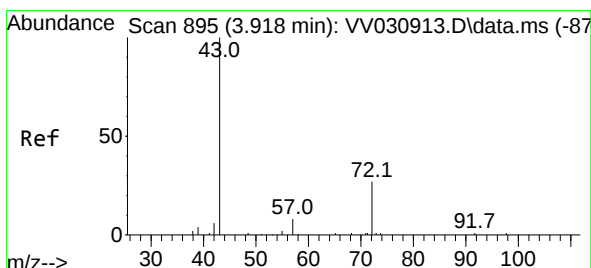
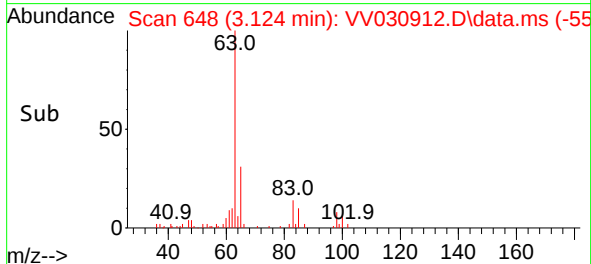
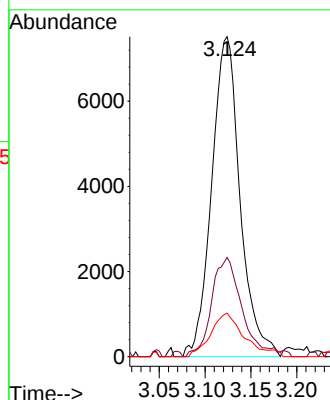
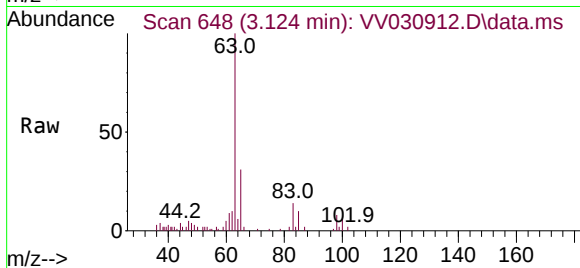
Tgt Ion: 63 Resp: 16200

Ion Ratio Lower Upper

63 100

65 31.0 21.8 40.6

83 13.6 10.2 19.0



#21

2-Butanone

Concen: 3.734 ug/L

RT: 3.931 min Scan# 899

Delta R.T. 0.013 min

Lab File: VV030912.D

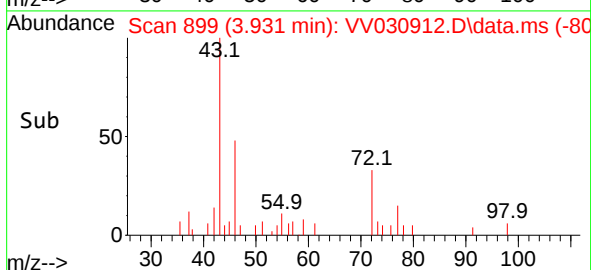
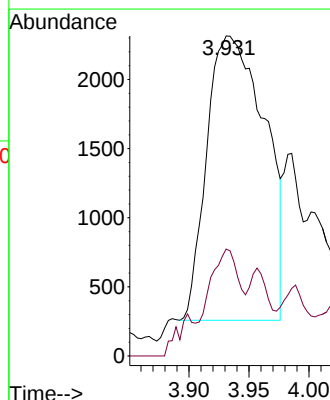
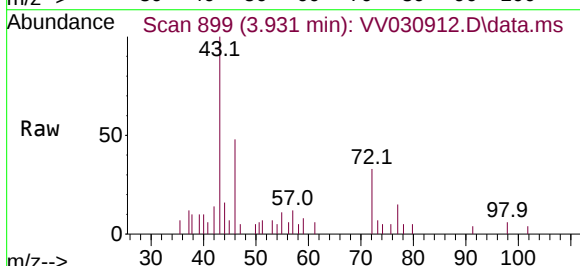
Acq: 28 Apr 2023 11:13

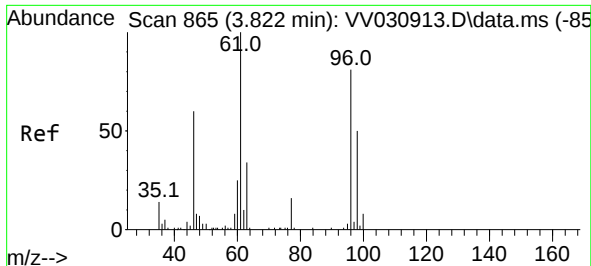
Tgt Ion: 43 Resp: 6895

Ion Ratio Lower Upper

43 100

72 19.8 9.6 28.6

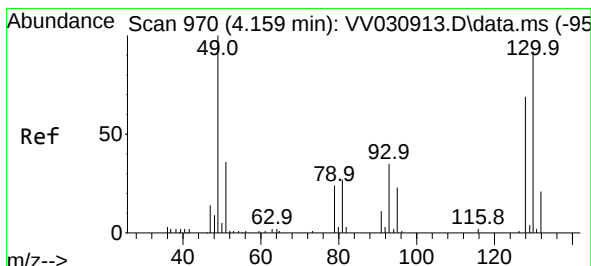
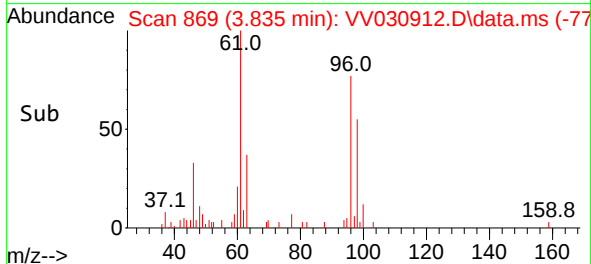
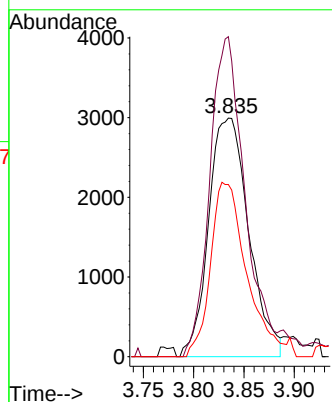
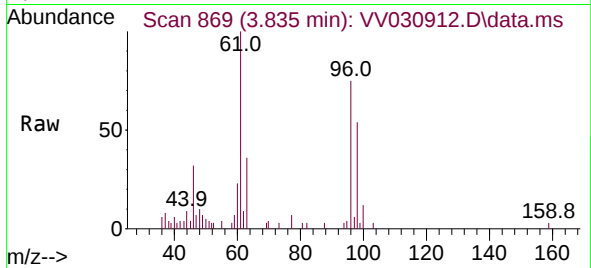




#22
 cis-1,2-Dichloroethene
 Concen: 0.957 ug/L
 RT: 3.835 min Scan# 869
 Delta R.T. 0.013 min
 Lab File: VV030912.D
 Acq: 28 Apr 2023 11:13

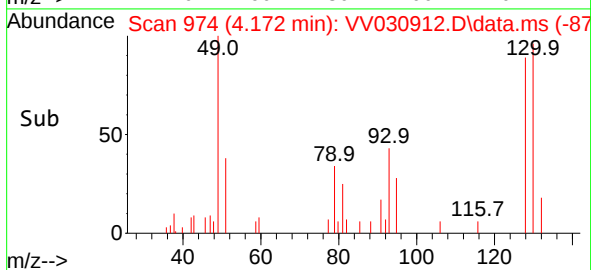
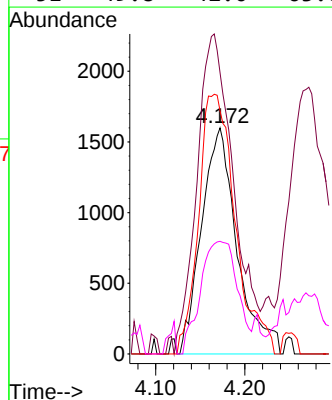
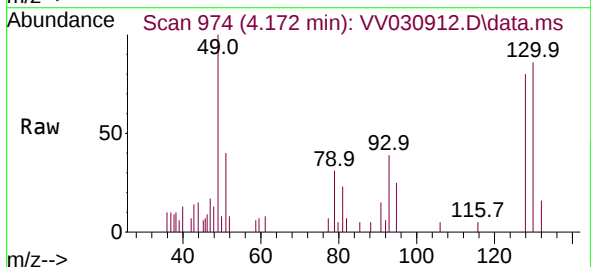
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD001234

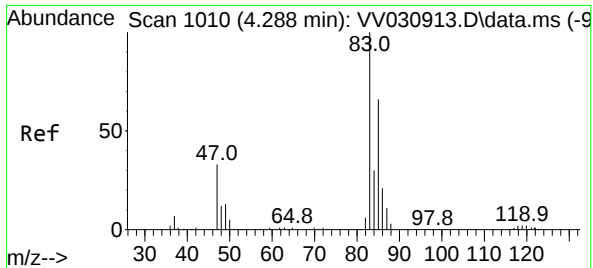
Tgt Ion: 96 Resp: 8318
 Ion Ratio Lower Upper
 96 100
 61 134.1 86.0 159.6
 98 72.2 43.2 80.2



#23
 Bromochloromethane
 Concen: 1.083 ug/L
 RT: 4.172 min Scan# 974
 Delta R.T. 0.013 min
 Lab File: VV030912.D
 Acq: 28 Apr 2023 11:13

Tgt Ion: 128 Resp: 4434
 Ion Ratio Lower Upper
 128 100
 49 124.4 104.7 194.5
 130 107.4 93.4 173.4
 51 49.8 42.0 63.0

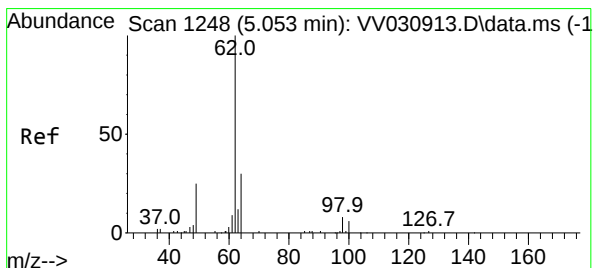
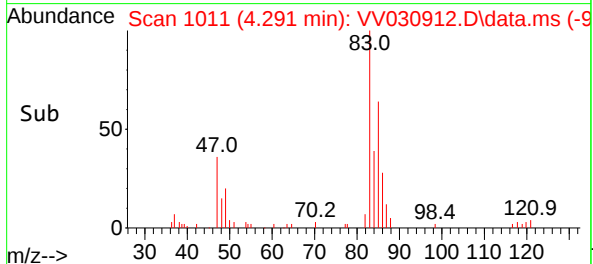
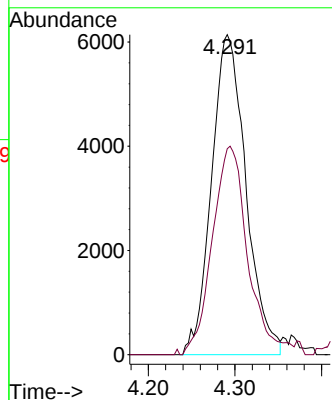
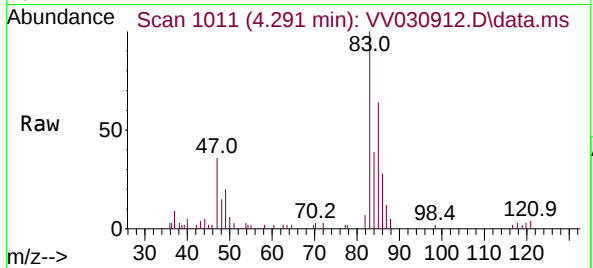




#25
Chloroform
Concen: 0.992 ug/L
RT: 4.291 min Scan# 1010
Delta R.T. 0.003 min
Lab File: VV030912.D
Acq: 28 Apr 2023 11:13

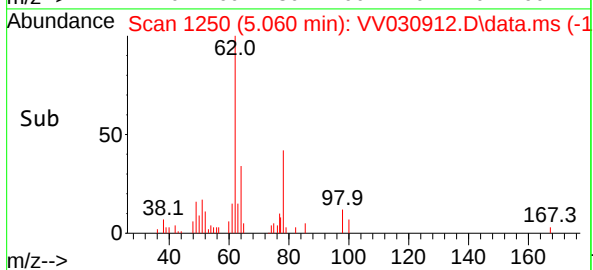
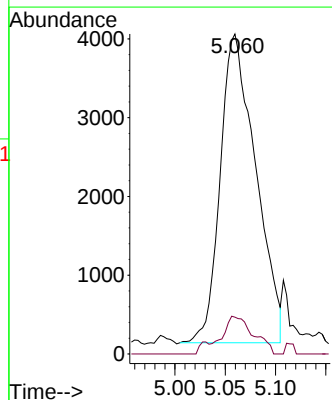
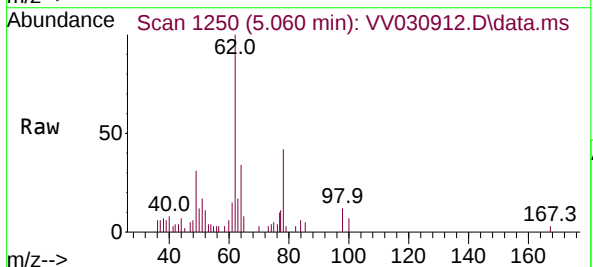
Instrument :
MSVOA_V
ClientSampleId :
VSTD001234

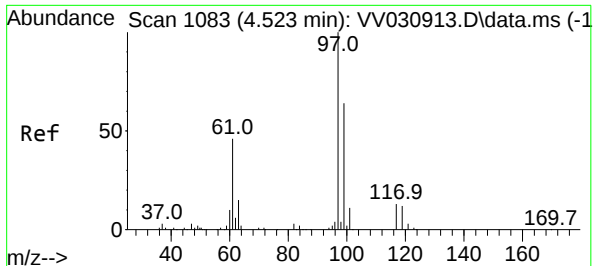
Tgt Ion: 83 Resp: 16944
Ion Ratio Lower Upper
83 100
85 64.3 46.4 86.2



#27
1,2-Dichloroethane
Concen: 0.898 ug/L
RT: 5.060 min Scan# 1250
Delta R.T. 0.006 min
Lab File: VV030912.D
Acq: 28 Apr 2023 11:13

Tgt Ion: 62 Resp: 9619
Ion Ratio Lower Upper
62 100
98 11.5 6.0 9.0#





#29

1,1,1-Trichloroethane

Concen: 0.988 ug/L

RT: 4.529 min Scan# 1105

Delta R.T. 0.006 min

Lab File: VV030912.D

Acq: 28 Apr 2023 11:13

Instrument :

MSVOA_V

ClientSampleId :

VSTD001234

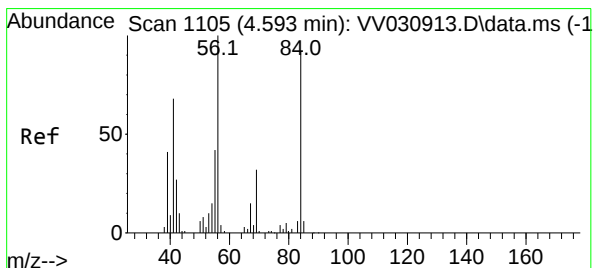
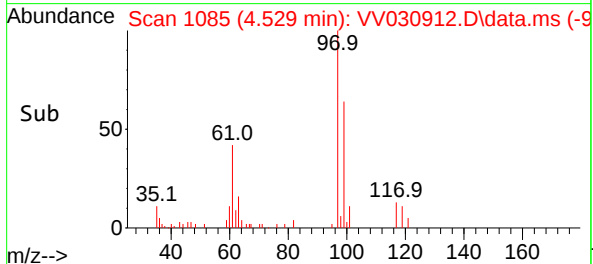
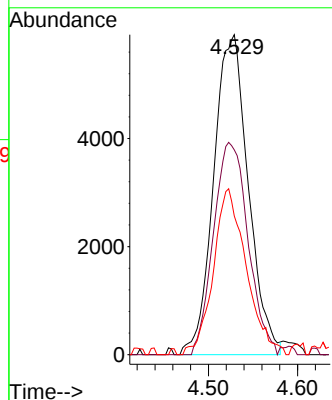
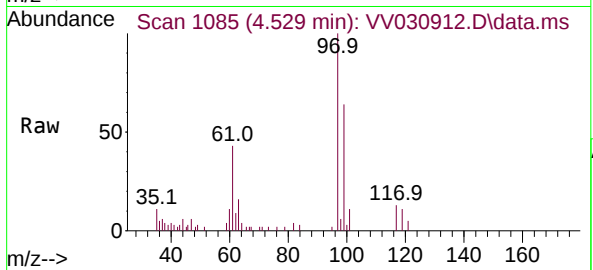
Tgt Ion: 97 Resp: 15984

Ion Ratio Lower Upper

97 100

99 66.3 51.4 77.2

61 49.3 37.4 56.0



#30

Cyclohexane

Concen: 0.920 ug/L

RT: 4.593 min Scan# 1105

Delta R.T. 0.000 min

Lab File: VV030912.D

Acq: 28 Apr 2023 11:13

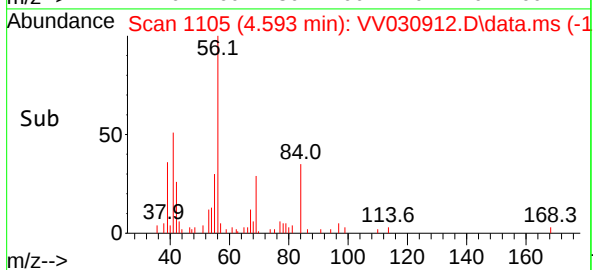
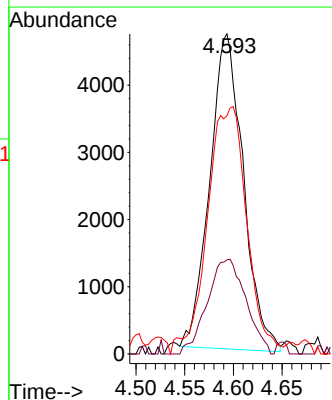
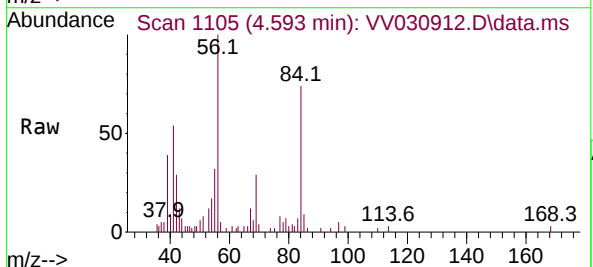
Tgt Ion: 56 Resp: 11242

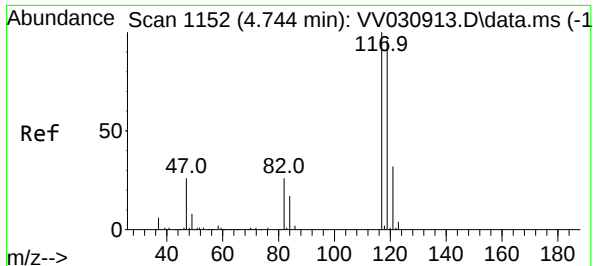
Ion Ratio Lower Upper

56 100

69 34.6 25.0 37.6

84 92.0 74.2 111.2

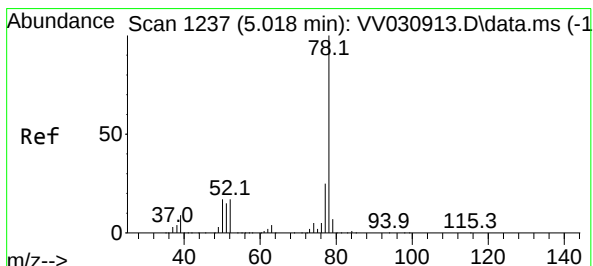
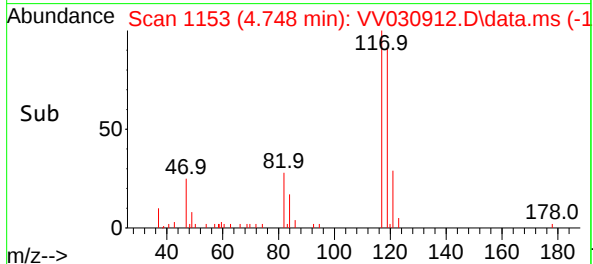
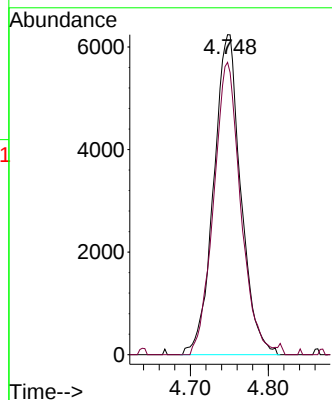
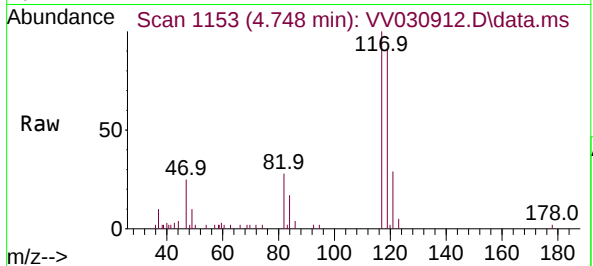




#31
Carbon tetrachloride
Concen: 1.041 ug/L
RT: 4.748 min Scan# 1152
Delta R.T. 0.003 min
Lab File: VV030912.D
Acq: 28 Apr 2023 11:13

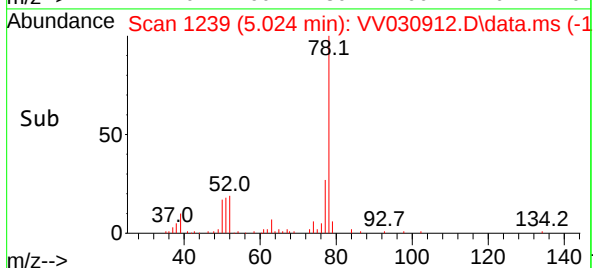
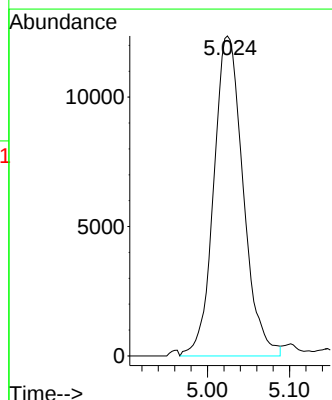
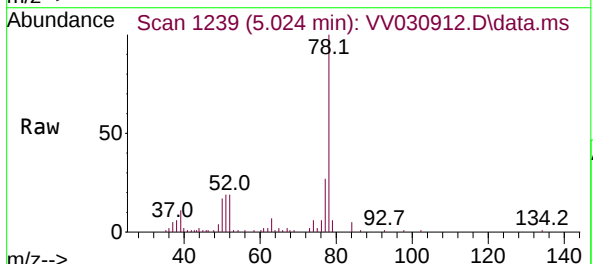
Instrument :
MSVOA_V
ClientSampleId :
VSTD001234

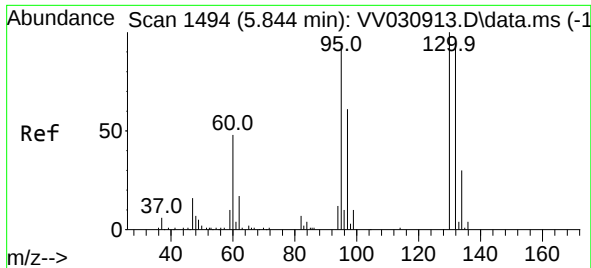
Tgt Ion:117 Resp: 15122
Ion Ratio Lower Upper
117 100
119 90.8 78.4 117.6



#33
Benzene
Concen: 0.951 ug/L
RT: 5.024 min Scan# 1239
Delta R.T. 0.006 min
Lab File: VV030912.D
Acq: 28 Apr 2023 11:13

Tgt Ion: 78 Resp: 30786

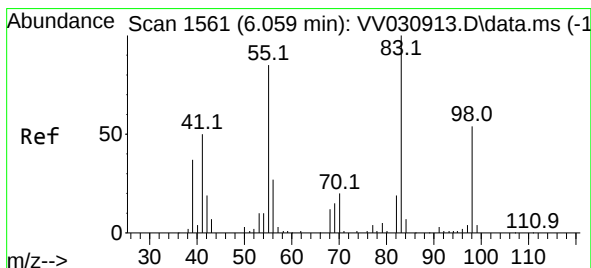
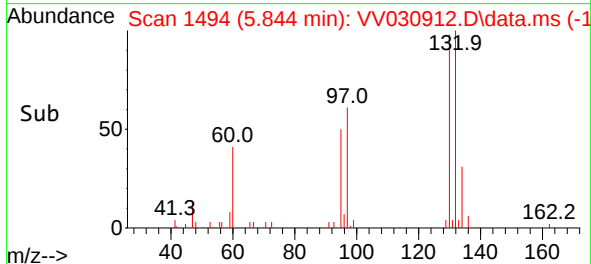
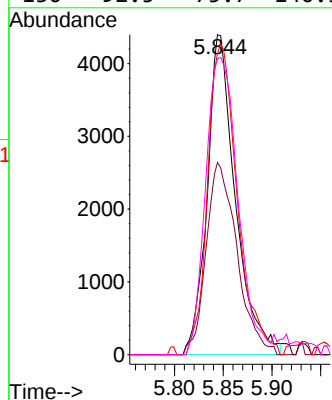
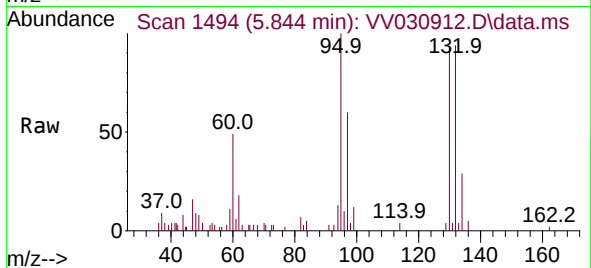




#34
Trichloroethene
Concen: 1.031 ug/L
RT: 5.844 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VV030912.D
Acq: 28 Apr 2023 11:13

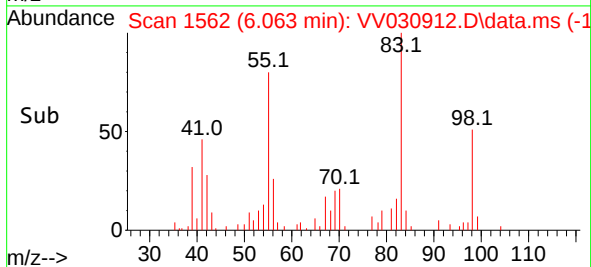
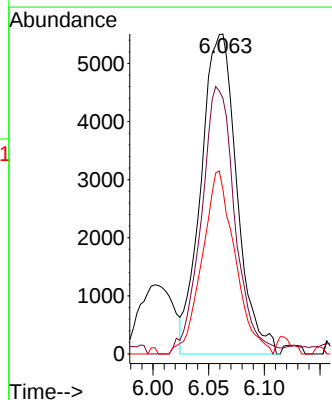
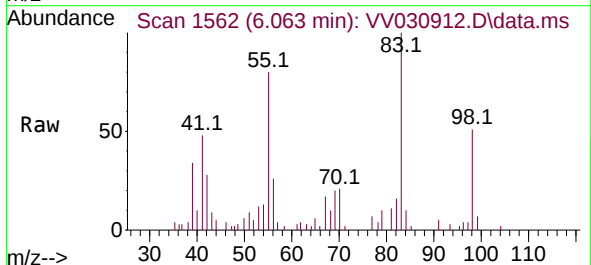
Instrument :
MSVOA_V
ClientSampleId :
VSTD001234

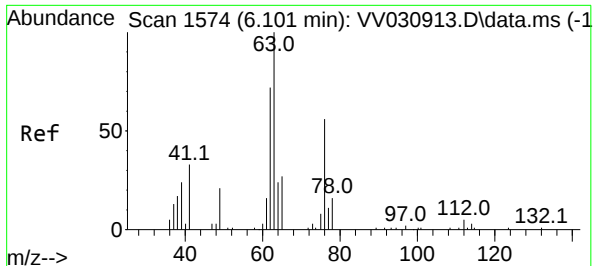
Tgt Ion:	95	Resp:	8899
Ion	Ratio	Lower	Upper
95	100		
97	60.0	46.2	85.8
132	94.2	72.7	135.1
130	92.5	75.7	140.5



#35
Methylcyclohexane
Concen: 0.922 ug/L
RT: 6.063 min Scan# 1562
Delta R.T. 0.003 min
Lab File: VV030912.D
Acq: 28 Apr 2023 11:13

Tgt Ion:	83	Resp:	12325
Ion	Ratio	Lower	Upper
83	100		
55	78.7	62.9	94.3
98	52.4	40.5	60.7





#37

1,2-Dichloropropane

Concen: 0.824 ug/L

RT: 6.111 min Scan# 1

Delta R.T. 0.010 min

Lab File: VV030912.D

Acq: 28 Apr 2023 11:13

Instrument :

MSVOA_V

ClientSampleId :

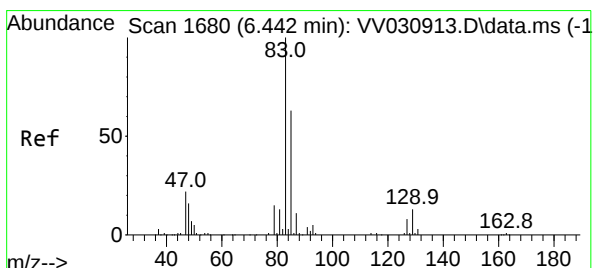
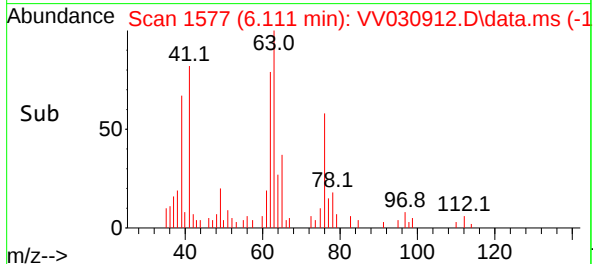
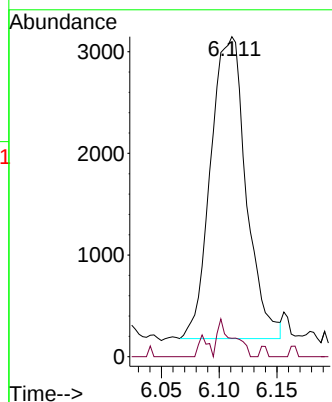
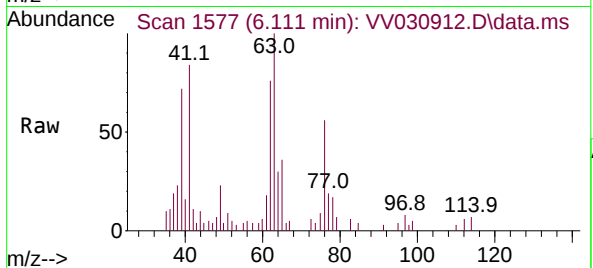
VSTD001234

Tgt Ion: 63 Resp: 6329

Ion Ratio Lower Upper

63 100

112 5.5 3.8 5.8



#38

Bromodichloromethane

Concen: 0.988 ug/L

RT: 6.445 min Scan# 1681

Delta R.T. 0.003 min

Lab File: VV030912.D

Acq: 28 Apr 2023 11:13

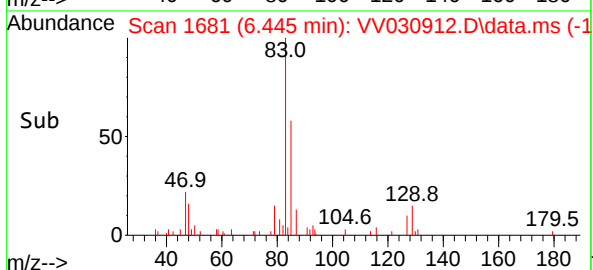
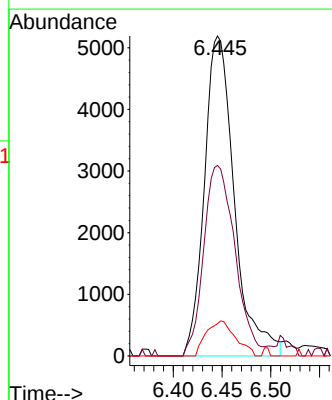
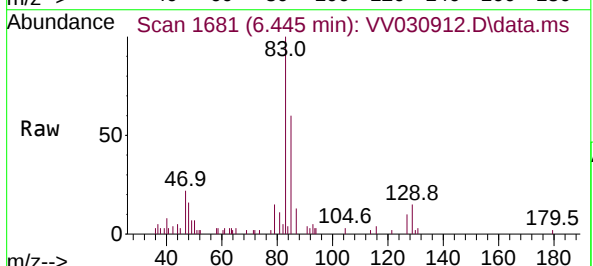
Tgt Ion: 83 Resp: 11100

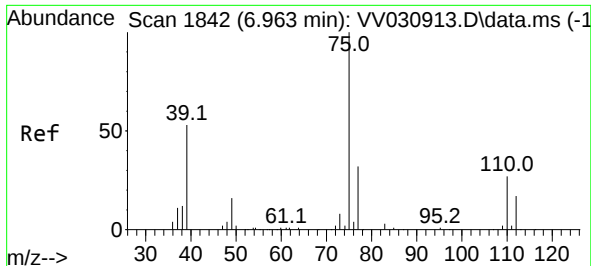
Ion Ratio Lower Upper

83 100

85 59.5 44.4 82.4

127 10.1 6.6 9.8#





#39

cis-1,3-Dichloropropene

Concen: 0.958 ug/L

RT: 6.966 min Scan# 11

Delta R.T. 0.003 min

Lab File: VV030912.D

Acq: 28 Apr 2023 11:13

Instrument :

MSVOA_V

ClientSampleId :

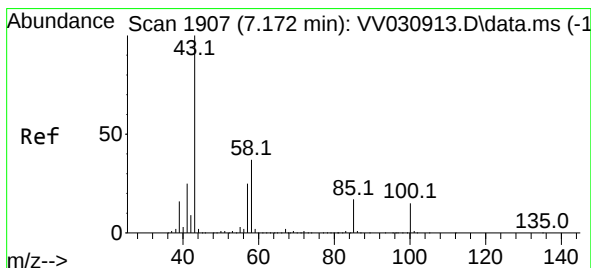
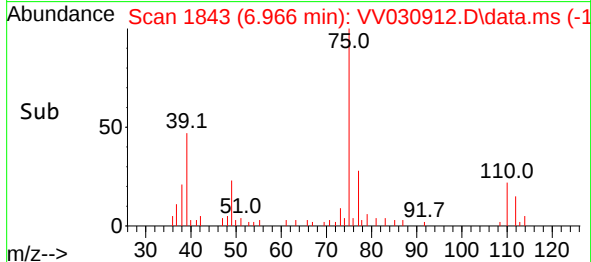
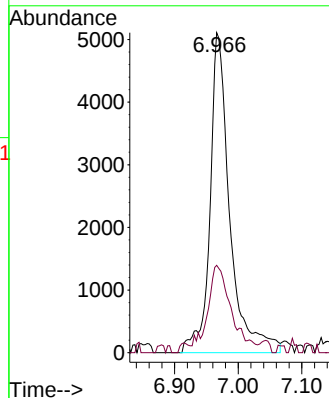
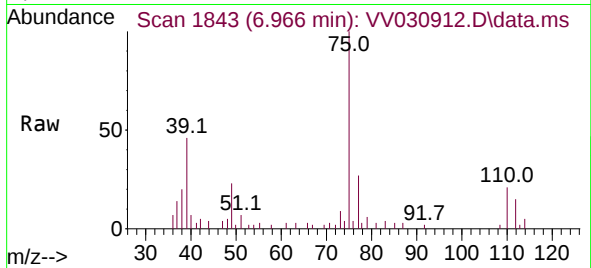
VSTD001234

Tgt Ion: 75 Resp: 11024

Ion Ratio Lower Upper

75 100

77 27.3 22.6 42.0



#40

4-Methyl-2-pentanone

Concen: 8.423 ug/L

RT: 7.175 min Scan# 1908

Delta R.T. 0.003 min

Lab File: VV030912.D

Acq: 28 Apr 2023 11:13

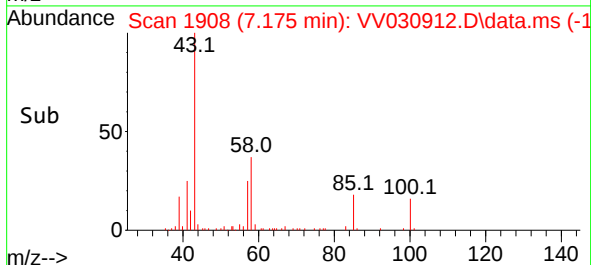
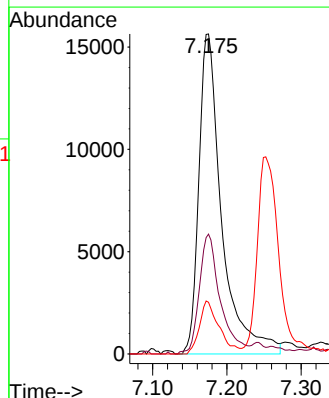
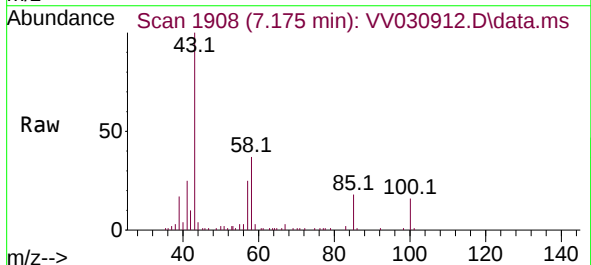
Tgt Ion: 43 Resp: 33514

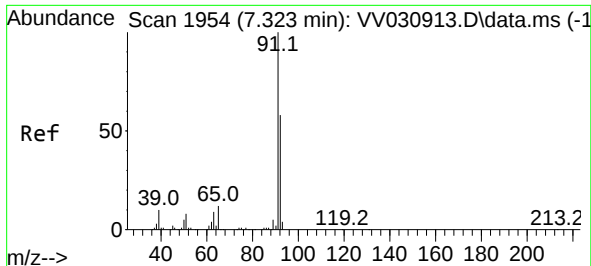
Ion Ratio Lower Upper

43 100

58 34.3 28.3 42.5

100 14.3 11.8 17.8

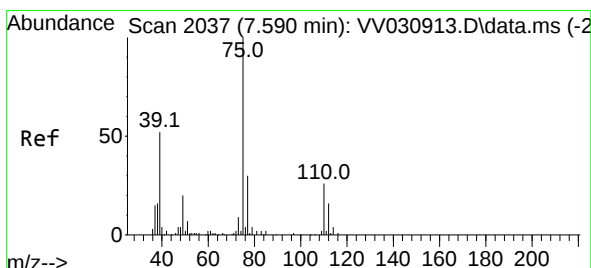
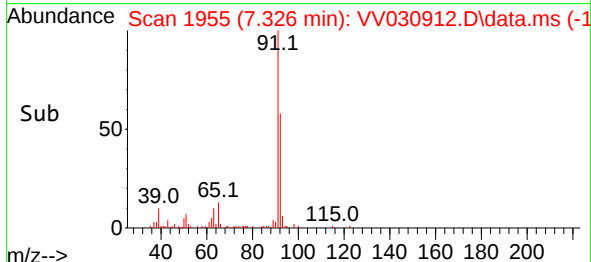
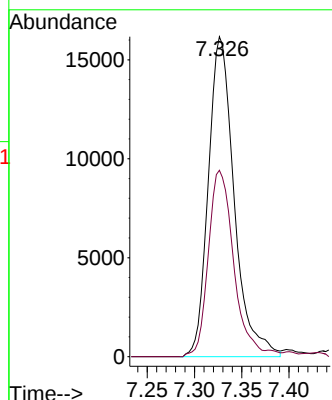
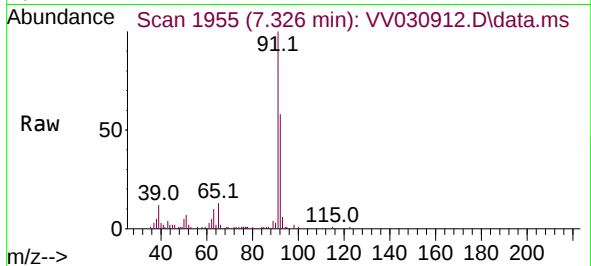




#42
Toluene
Concen: 0.881 ug/L
RT: 7.326 min Scan# 1954
Delta R.T. 0.003 min
Lab File: VV030912.D
Acq: 28 Apr 2023 11:13

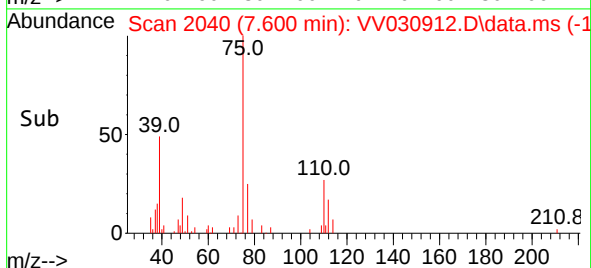
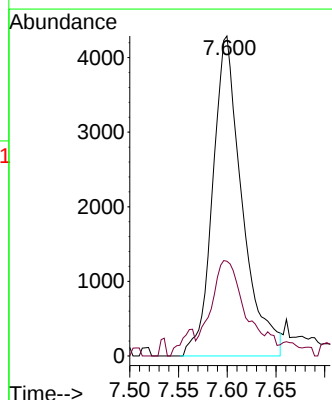
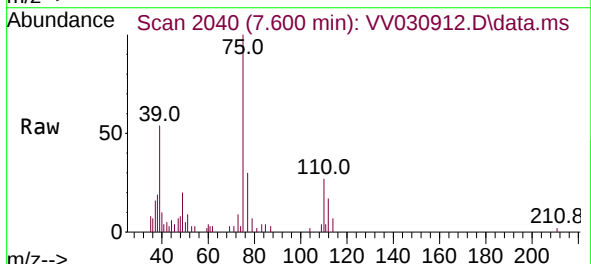
Instrument :
MSVOA_V
ClientSampleId :
VSTD001234

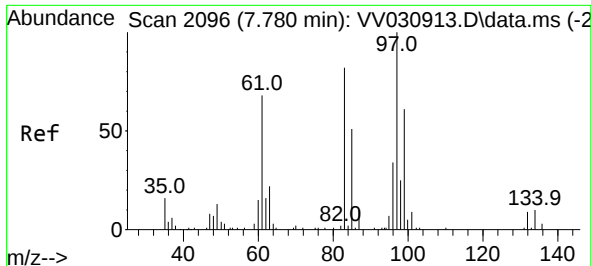
Tgt Ion: 91 Resp: 30718
Ion Ratio Lower Upper
91 100
92 58.3 40.5 75.1



#44
trans-1,3-Dichloropropene
Concen: 0.918 ug/L
RT: 7.600 min Scan# 2040
Delta R.T. 0.010 min
Lab File: VV030912.D
Acq: 28 Apr 2023 11:13

Tgt Ion: 75 Resp: 8999
Ion Ratio Lower Upper
75 100
77 29.6 21.6 40.0





#45

1,1,2-Trichloroethane

Concen: 0.932 ug/L

RT: 7.783 min Scan# 2096

Delta R.T. 0.003 min

Lab File: VV030912.D

Acq: 28 Apr 2023 11:13

Instrument :

MSVOA_V

ClientSampleId :

VSTD001234

Tgt Ion: 97 Resp: 5308

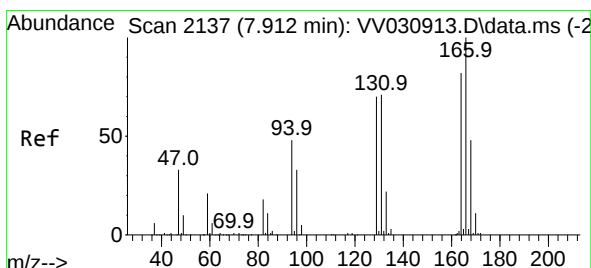
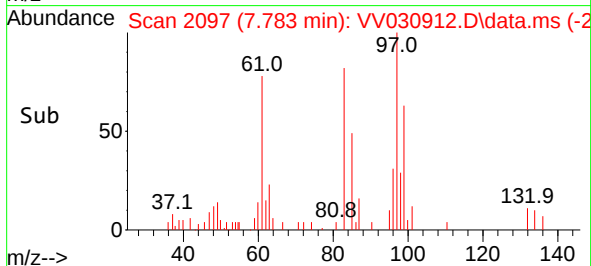
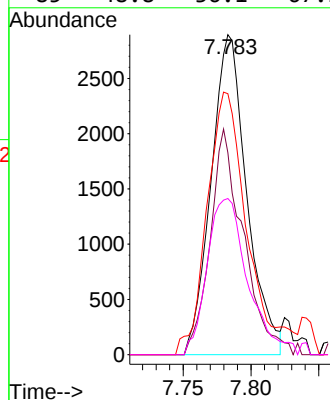
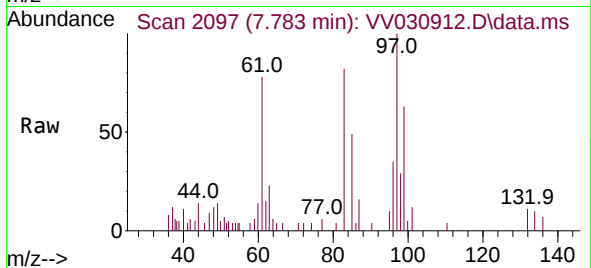
Ion Ratio Lower Upper

97 100

99 63.1 42.8 79.6

83 81.6 57.5 106.7

85 48.8 36.1 67.1



#47

Tetrachloroethene

Concen: 0.970 ug/L

RT: 7.915 min Scan# 2138

Delta R.T. 0.003 min

Lab File: VV030912.D

Acq: 28 Apr 2023 11:13

Tgt Ion: 164 Resp: 7990

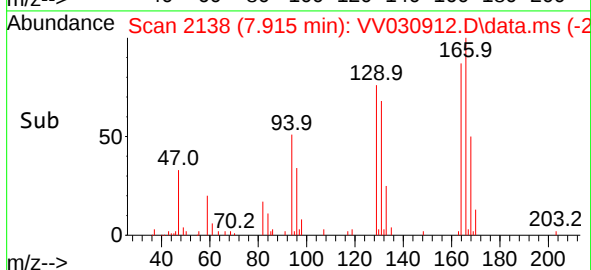
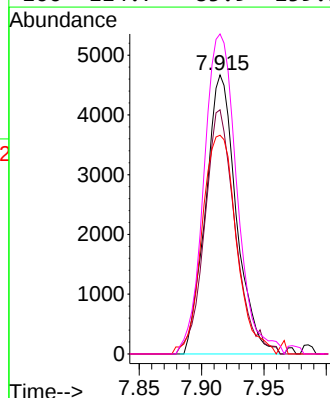
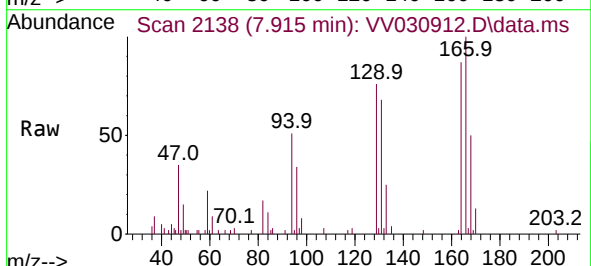
Ion Ratio Lower Upper

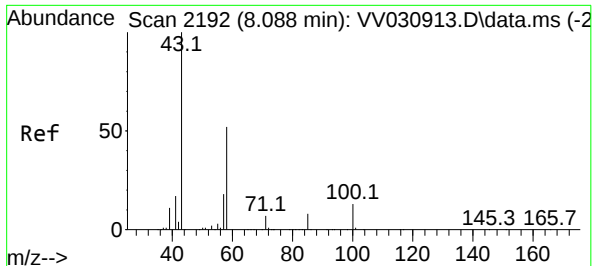
164 100

129 87.5 60.5 112.3

131 78.4 60.8 112.8

166 114.7 85.9 159.5





#48

2-Hexanone

Concen: 7.259 ug/L

RT: 8.092 min Scan# 2192

Delta R.T. 0.003 min

Lab File: VV030912.D

Acq: 28 Apr 2023 11:13

Instrument :

MSVOA_V

ClientSampleId :

VSTD001234

Tgt Ion: 43 Resp: 21026

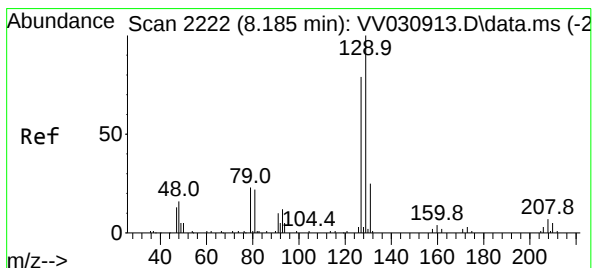
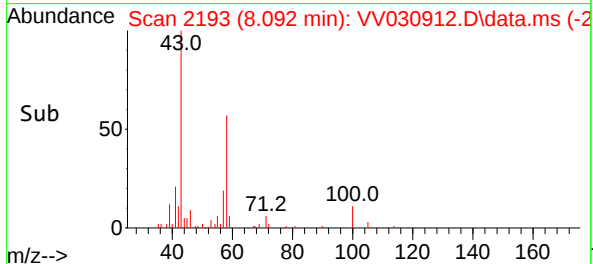
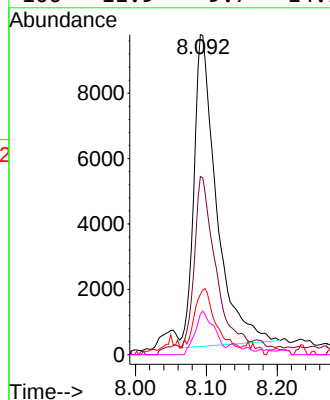
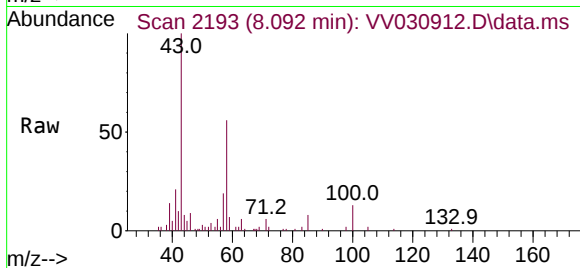
Ion Ratio Lower Upper

43 100

58 53.7 39.9 59.9

57 21.6 14.1 21.1#

100 11.9 9.7 14.5



#49

Dibromochloromethane

Concen: 0.961 ug/L

RT: 8.185 min Scan# 2222

Delta R.T. 0.000 min

Lab File: VV030912.D

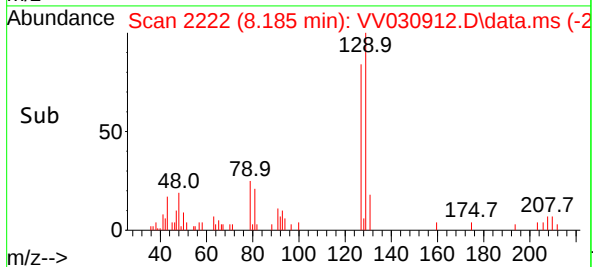
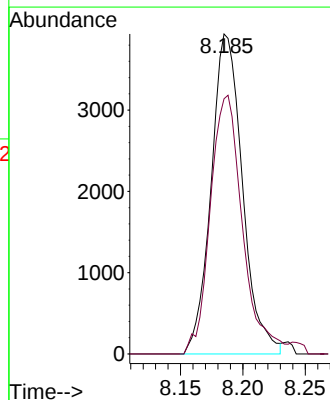
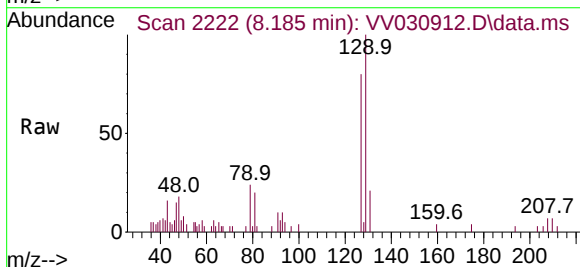
Acq: 28 Apr 2023 11:13

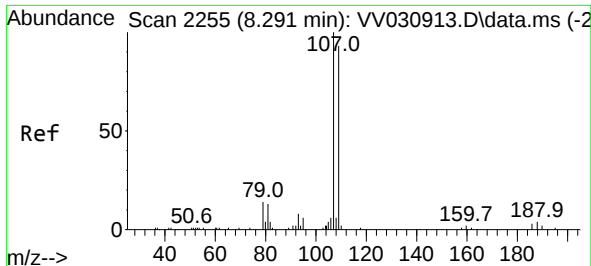
Tgt Ion: 129 Resp: 6889

Ion Ratio Lower Upper

129 100

127 79.7 55.3 102.7





#50

1,2-Dibromoethane

Concen: 0.970 ug/L

RT: 8.294 min Scan# 21

Delta R.T. 0.003 min

Lab File: VV030912.D

Acq: 28 Apr 2023 11:13

Instrument :

MSVOA_V

ClientSampleId :

VSTD001234

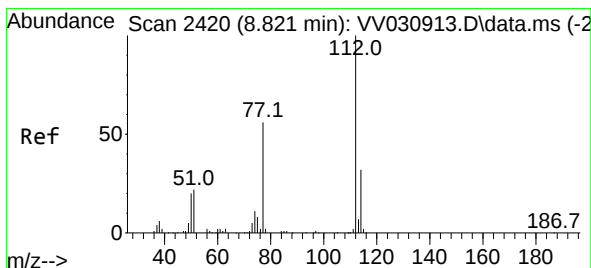
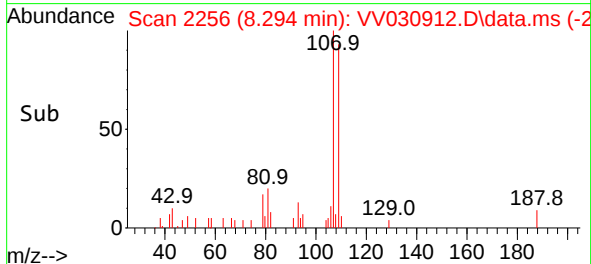
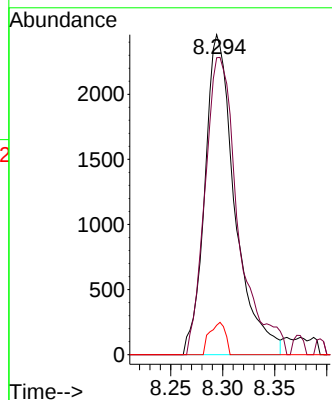
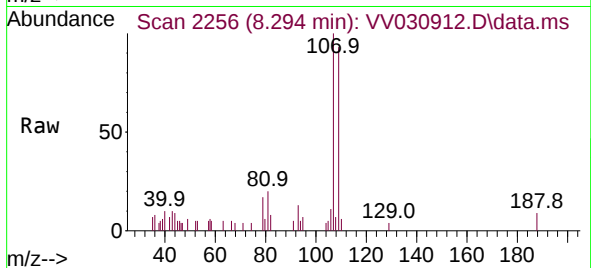
Tgt Ion:107 Resp: 4931

Ion Ratio Lower Upper

107 100

109 92.8 64.9 120.5

188 9.2 3.2 4.8#



#51

Chlorobenzene

Concen: 0.980 ug/L

RT: 8.821 min Scan# 2420

Delta R.T. 0.000 min

Lab File: VV030912.D

Acq: 28 Apr 2023 11:13

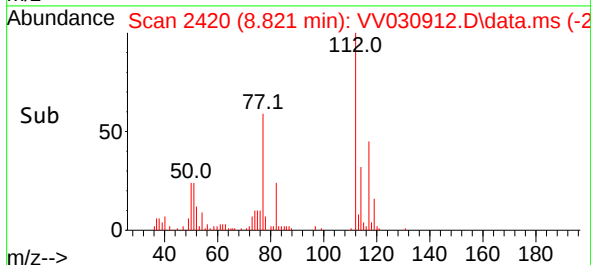
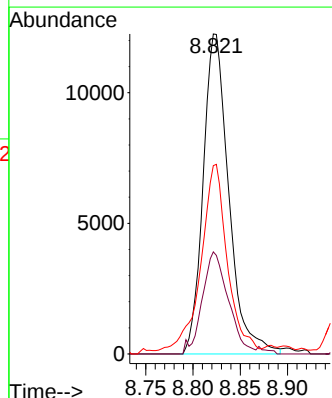
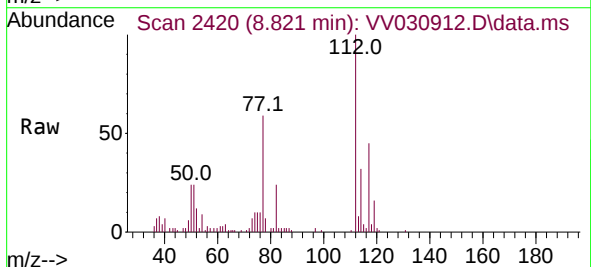
Tgt Ion:112 Resp: 23151

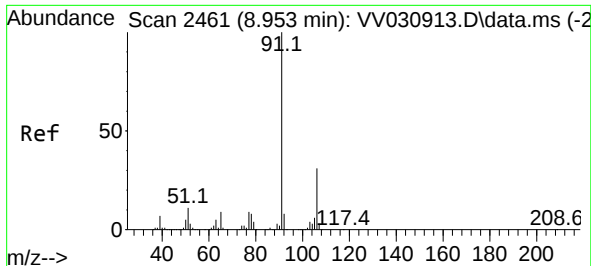
Ion Ratio Lower Upper

112 100

114 31.9 22.5 41.9

77 58.9 45.3 67.9





#52

Ethylbenzene

Concen: 0.885 ug/L

RT: 8.957 min Scan# 2461

Delta R.T. 0.003 min

Lab File: VV030912.D

Acq: 28 Apr 2023 11:13

Instrument :

MSVOA_V

ClientSampleId :

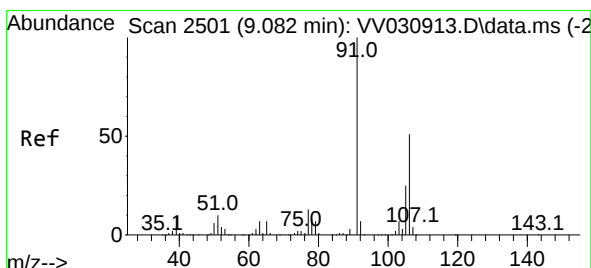
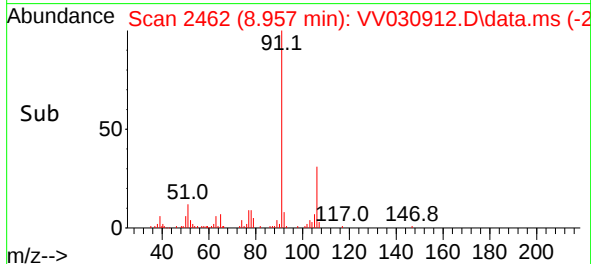
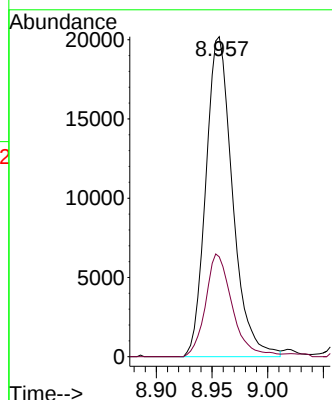
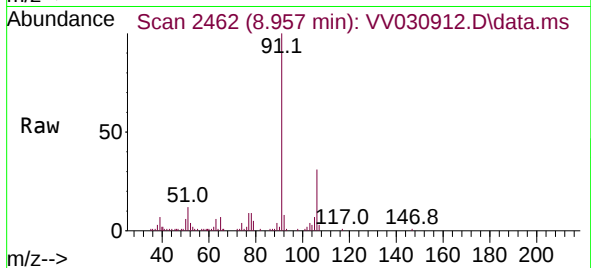
VSTD001234

Tgt Ion: 91 Resp: 33640

Ion Ratio Lower Upper

91 100

106 31.2 21.4 39.8



#53

m,p-Xylene

Concen: 0.911 ug/L

RT: 9.082 min Scan# 2501

Delta R.T. 0.000 min

Lab File: VV030912.D

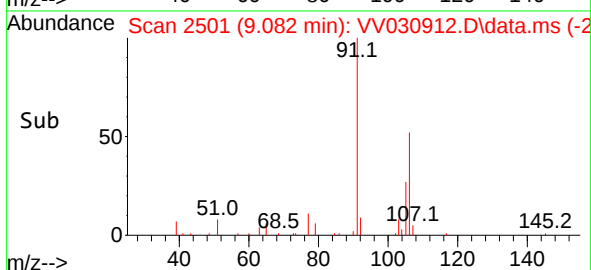
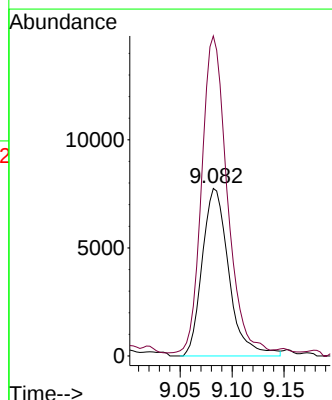
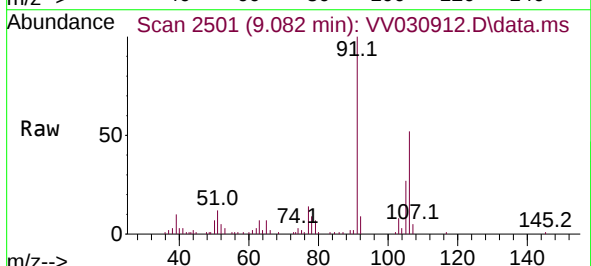
Acq: 28 Apr 2023 11:13

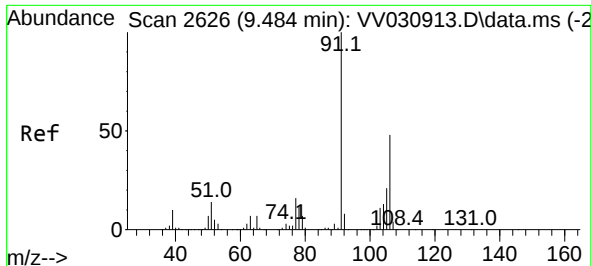
Tgt Ion: 106 Resp: 13809

Ion Ratio Lower Upper

106 100

91 191.0 138.7 257.5

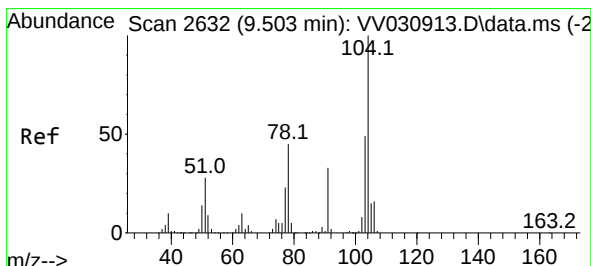
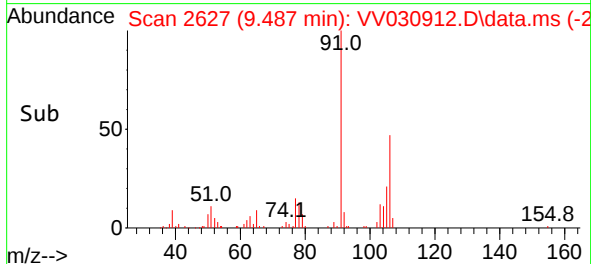
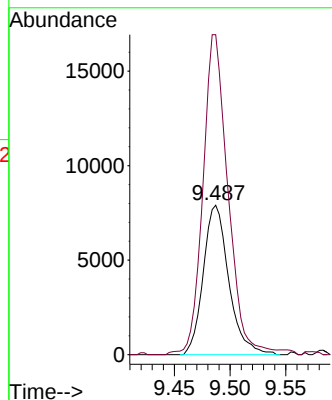
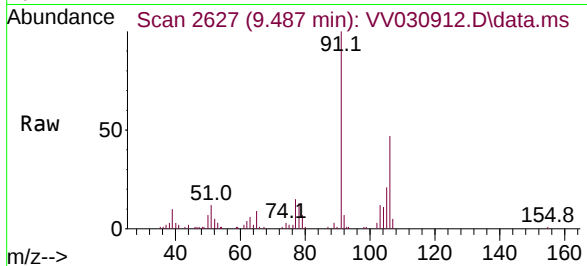




#54
o-Xylene
Concen: 0.874 ug/L
RT: 9.487 min Scan# 2626
Delta R.T. 0.003 min
Lab File: VV030912.D
Acq: 28 Apr 2023 11:13

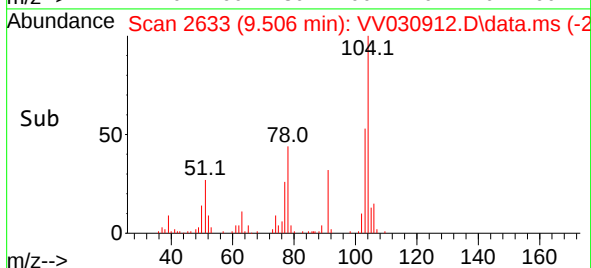
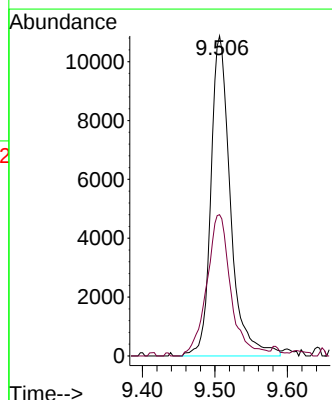
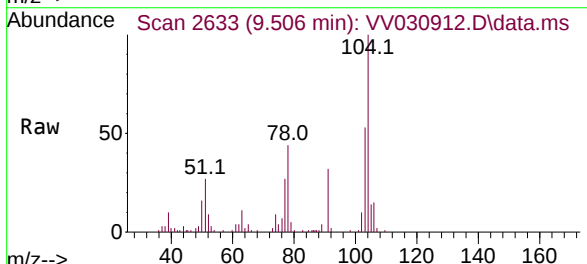
Instrument :
MSVOA_V
ClientSampleId :
VSTD001234

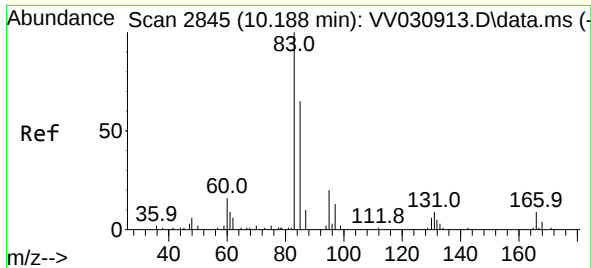
Tgt Ion:106 Resp: 12613
Ion Ratio Lower Upper
106 100
91 214.1 145.1 269.5



#55
Styrene
Concen: 0.839 ug/L
RT: 9.506 min Scan# 2633
Delta R.T. 0.003 min
Lab File: VV030912.D
Acq: 28 Apr 2023 11:13

Tgt Ion:104 Resp: 20420
Ion Ratio Lower Upper
104 100
78 44.1 31.4 58.2

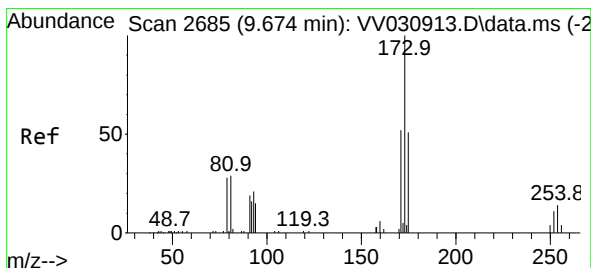
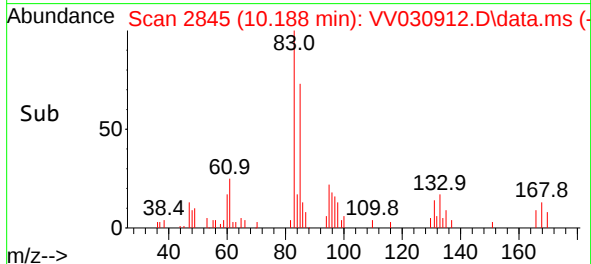
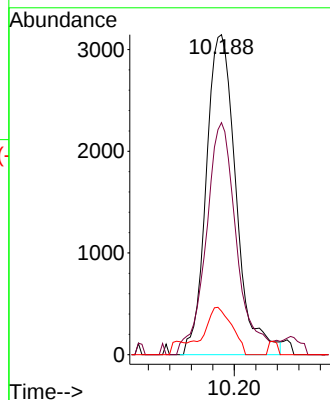
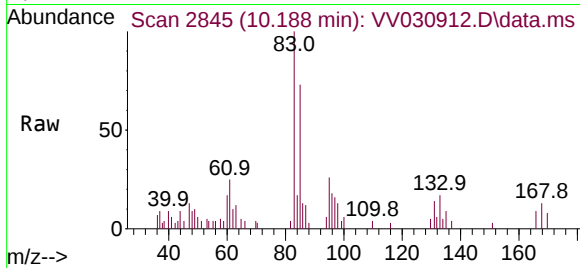




#57
1,1,2,2-Tetrachloroethane
Concen: 0.950 ug/L
RT: 10.188 min Scan# 2845
Delta R.T. 0.000 min
Lab File: VV030912.D
Acq: 28 Apr 2023 11:13

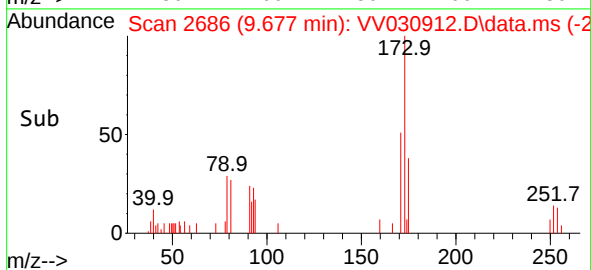
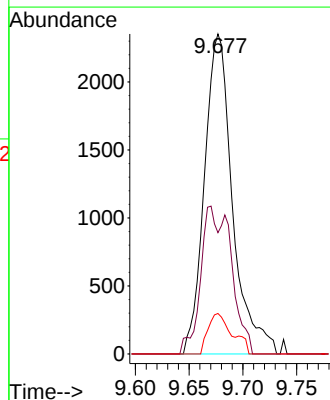
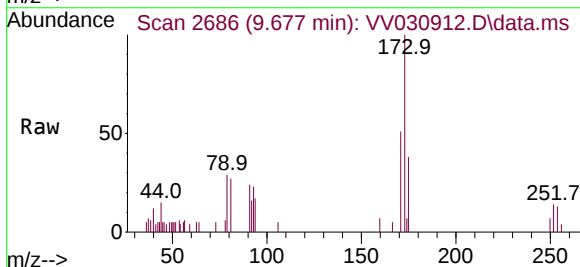
Instrument :
MSVOA_V
ClientSampleId :
VSTD001234

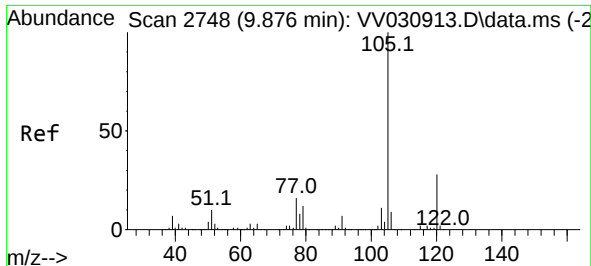
Tgt Ion: 83 Resp: 6053
Ion Ratio Lower Upper
83 100
85 72.5 45.2 84.0
131 13.6 8.3 12.5#



#59
Bromoform
Concen: 1.066 ug/L
RT: 9.677 min Scan# 2686
Delta R.T. 0.003 min
Lab File: VV030912.D
Acq: 28 Apr 2023 11:13

Tgt Ion: 173 Resp: 4282
Ion Ratio Lower Upper
173 100
175 28.2 39.9 59.9#
254 10.8 9.7 14.5

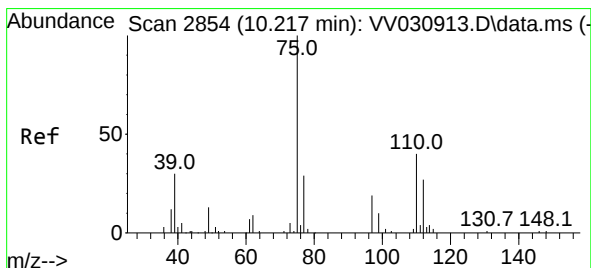
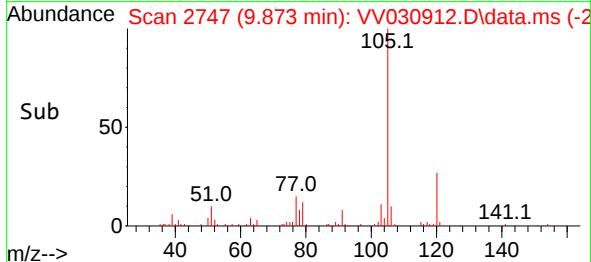
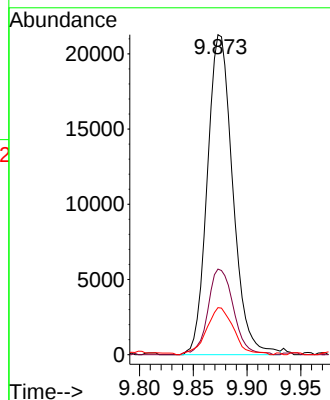
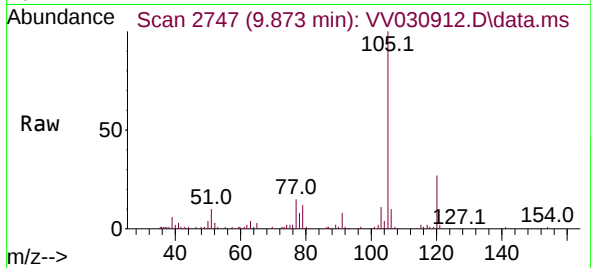




#60
Isopropylbenzene
Concen: 0.952 ug/L
RT: 9.873 min Scan# 21
Delta R.T. -0.003 min
Lab File: VV030912.D
Acq: 28 Apr 2023 11:13

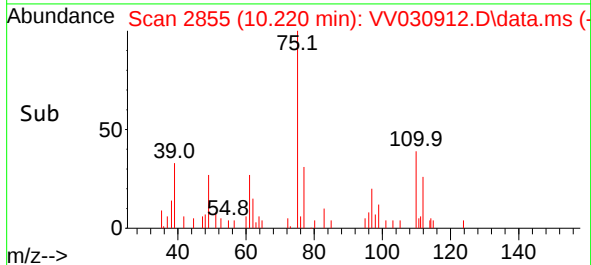
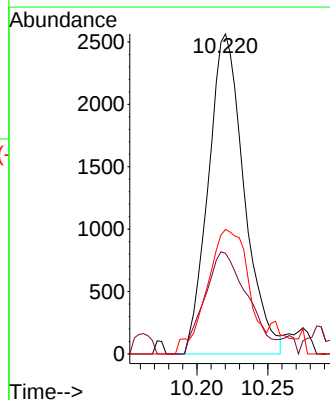
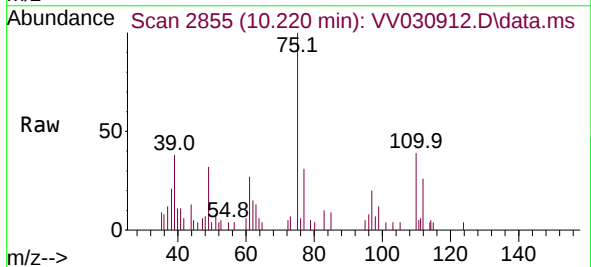
Instrument :
MSVOA_V
ClientSampleId :
VSTD001234

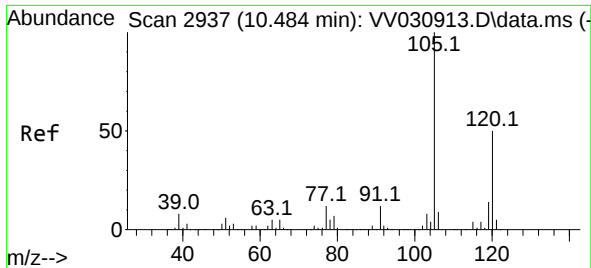
Tgt Ion:	105	Resp:	35058
Ion	Ratio	Lower	Upper
105	100		
120	26.8	22.2	33.4
77	15.7	13.0	19.6



#61
1,2,3-Trichloropropane
Concen: 1.050 ug/L
RT: 10.220 min Scan# 2855
Delta R.T. 0.003 min
Lab File: VV030912.D
Acq: 28 Apr 2023 11:13

Tgt Ion:	75	Resp:	4502
Ion	Ratio	Lower	Upper
75	100		
77	38.0	25.3	37.9#
110	45.2	34.0	51.0

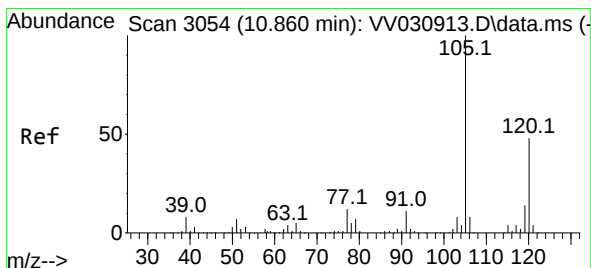
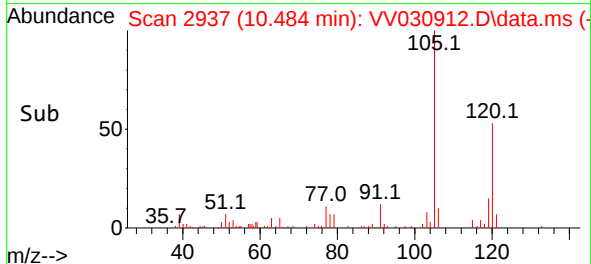
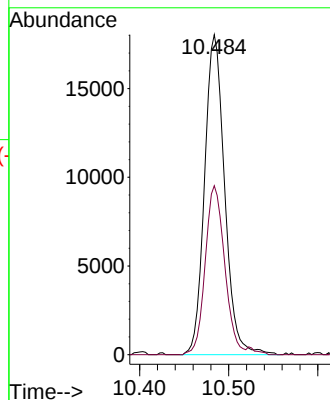
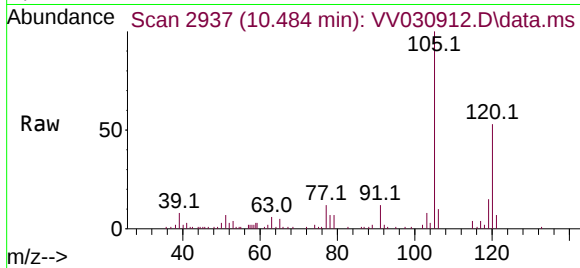




#62
 1,3,5-Trimethylbenzene
 Concen: 0.943 ug/L
 RT: 10.484 min Scan# 2937
 Delta R.T. 0.000 min
 Lab File: VV030912.D
 Acq: 28 Apr 2023 11:13

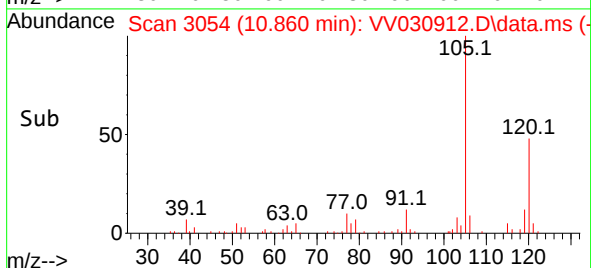
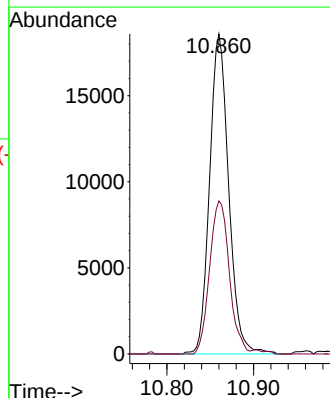
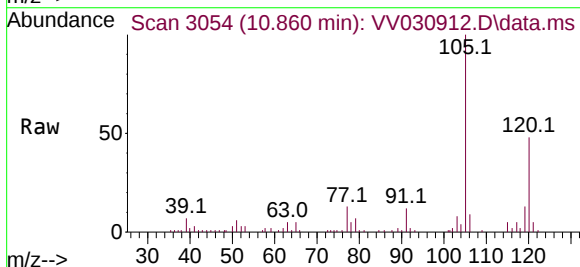
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD001234

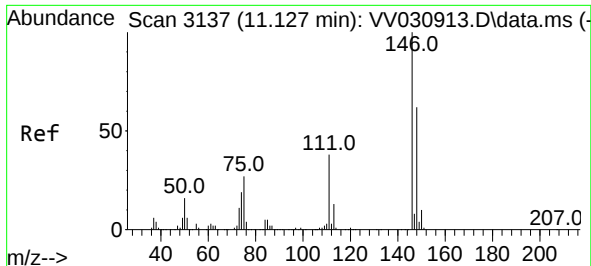
Tgt Ion:105 Resp: 28251
 Ion Ratio Lower Upper
 105 100
 120 51.1 40.2 60.4



#63
 1,2,4-Trimethylbenzene
 Concen: 0.937 ug/L
 RT: 10.860 min Scan# 3054
 Delta R.T. 0.000 min
 Lab File: VV030912.D
 Acq: 28 Apr 2023 11:13

Tgt Ion:105 Resp: 28445
 Ion Ratio Lower Upper
 105 100
 120 49.4 37.9 56.9

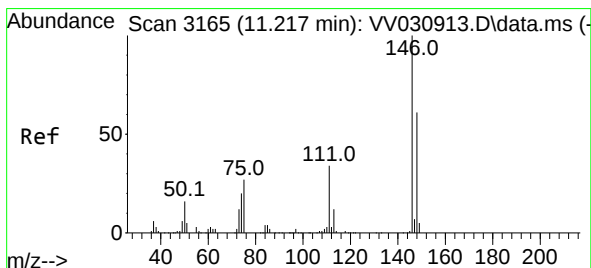
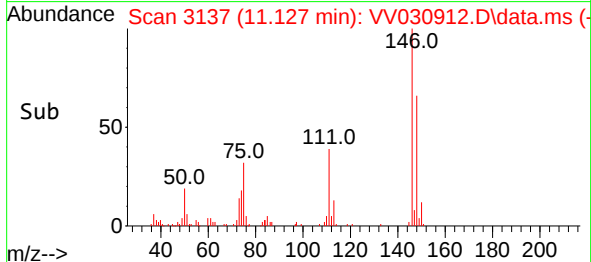
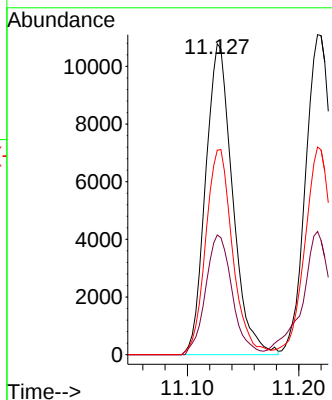
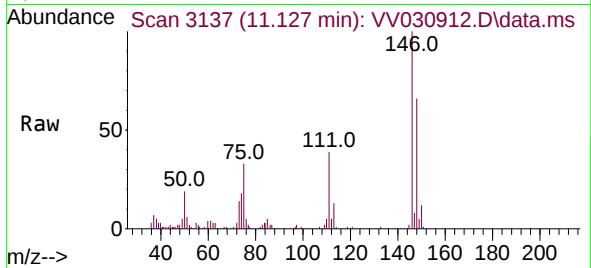




#64
1,3-Dichlorobenzene
Concen: 0.960 ug/L
RT: 11.127 min Scan# 3137
Delta R.T. 0.000 min
Lab File: VV030912.D
Acq: 28 Apr 2023 11:13

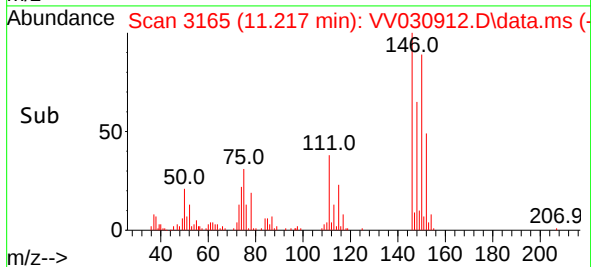
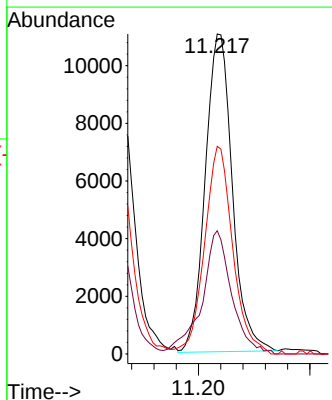
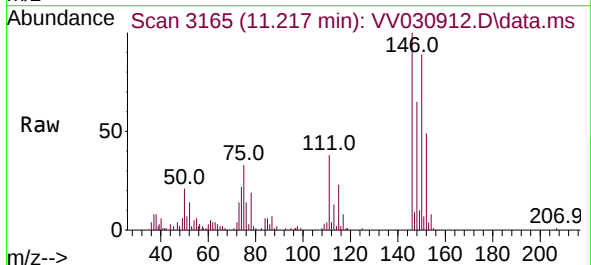
Instrument :
MSVOA_V
ClientSampleId :
VSTD001234

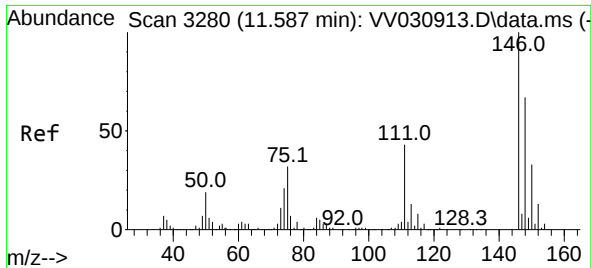
Tgt Ion:146 Resp: 18144
Ion Ratio Lower Upper
146 100
111 38.5 26.5 49.3
148 65.8 43.4 80.6



#65
1,4-Dichlorobenzene
Concen: 0.976 ug/L
RT: 11.217 min Scan# 3165
Delta R.T. 0.000 min
Lab File: VV030912.D
Acq: 28 Apr 2023 11:13

Tgt Ion:146 Resp: 18605
Ion Ratio Lower Upper
146 100
111 38.5 23.9 44.5
148 64.9 42.8 79.6

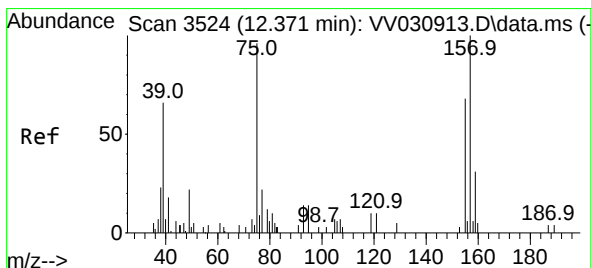
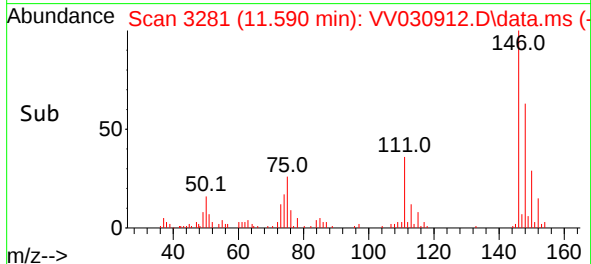
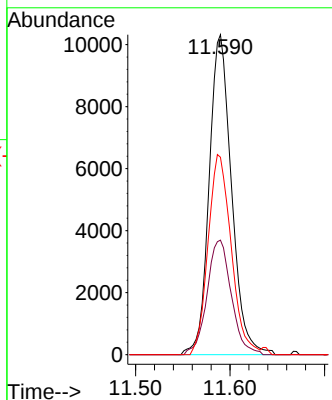
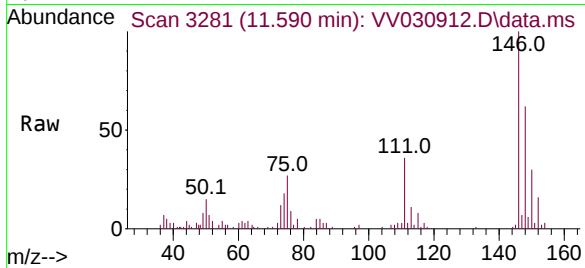




#67
1,2-Dichlorobenzene
Concen: 0.999 ug/L
RT: 11.590 min Scan# 31
Delta R.T. 0.003 min
Lab File: VV030912.D
Acq: 28 Apr 2023 11:13

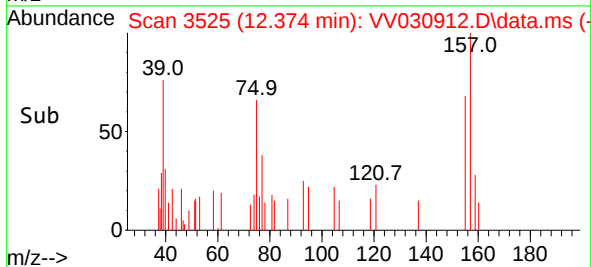
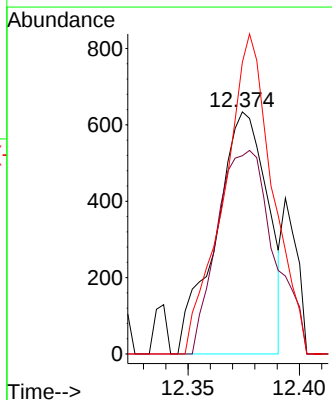
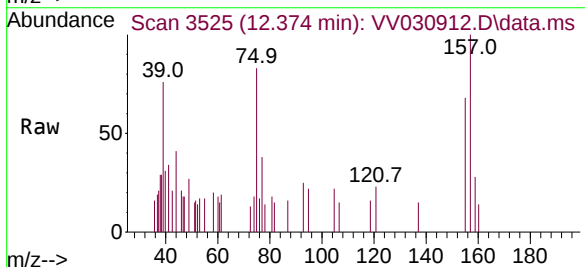
Instrument :
MSVOA_V
ClientSampleId :
VSTD001234

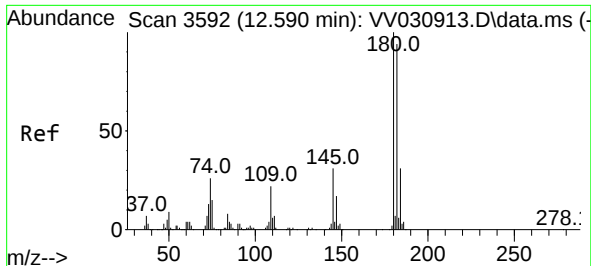
Tgt Ion:146 Resp: 16978
Ion Ratio Lower Upper
146 100
111 35.8 34.0 51.0
148 61.7 53.8 80.6



#68
1,2-Dibromo-3-chloropropane
Concen: 0.940 ug/L
RT: 12.374 min Scan# 3525
Delta R.T. 0.003 min
Lab File: VV030912.D
Acq: 28 Apr 2023 11:13

Tgt Ion: 75 Resp: 1023
Ion Ratio Lower Upper
75 100
155 81.9 56.2 84.4
157 120.5 83.1 124.7

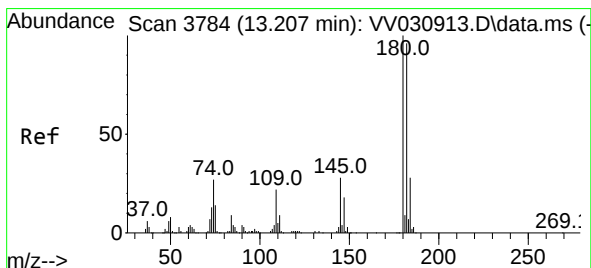
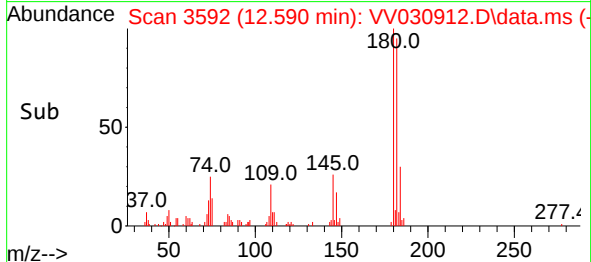
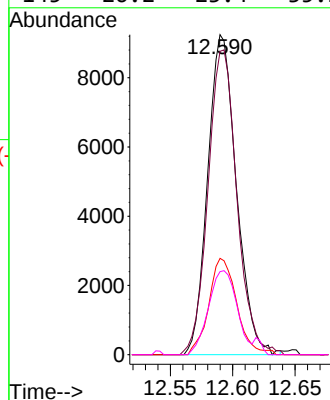
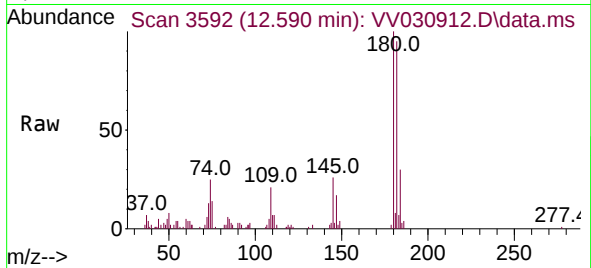




#69
 1,3,5-Trichlorobenzene
 Concen: 0.988 ug/L
 RT: 12.590 min Scan# 3592
 Delta R.T. 0.000 min
 Lab File: VV030912.D
 Acq: 28 Apr 2023 11:13

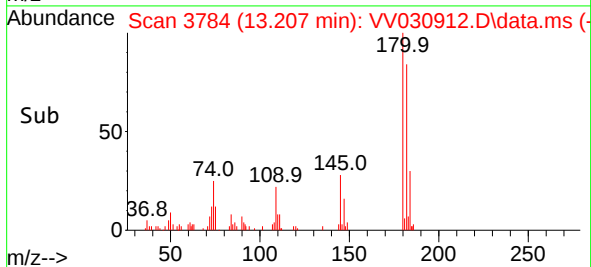
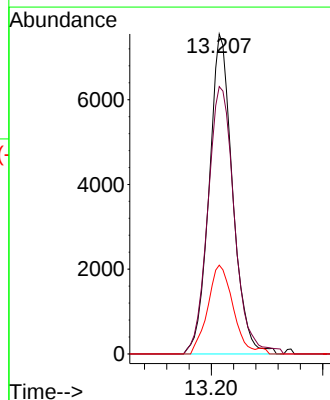
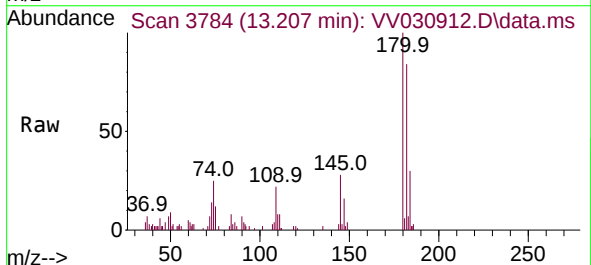
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD001234

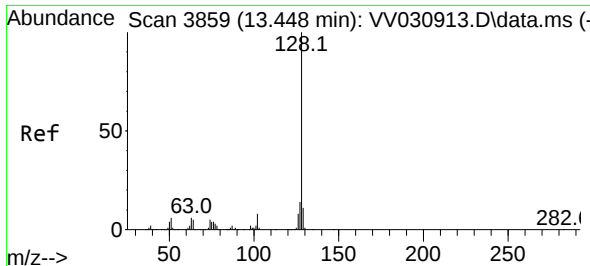
Tgt Ion:	180	Resp:	14793
Ion Ratio	Lower	Upper	
180	100		
182	96.0	75.1	112.7
184	29.4	24.1	36.1
145	26.2	23.4	35.2



#70
 1,2,4-trichlorobenzene
 Concen: 0.961 ug/L
 RT: 13.207 min Scan# 3784
 Delta R.T. 0.000 min
 Lab File: VV030912.D
 Acq: 28 Apr 2023 11:13

Tgt Ion:	180	Resp:	11056
Ion Ratio	Lower	Upper	
180	100		
182	94.2	76.0	114.0
145	29.5	22.9	34.3

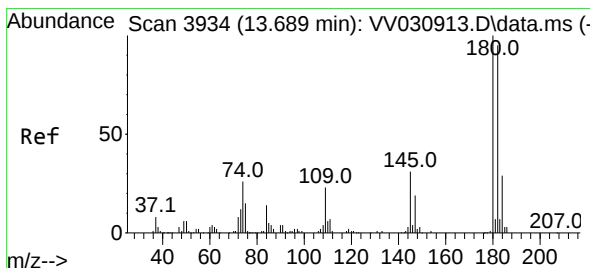
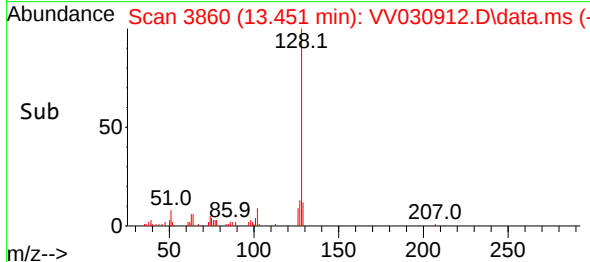
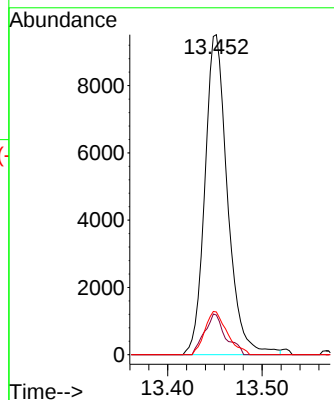
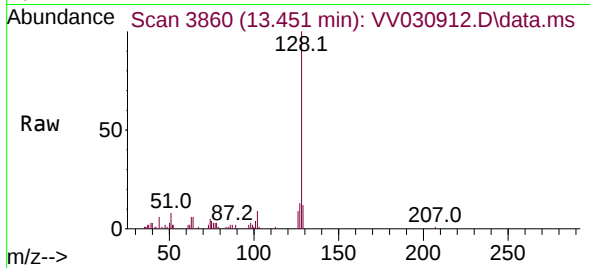




#71
Naphthalene
Concen: 0.959 ug/L
RT: 13.451 min Scan# 3860
Delta R.T. 0.003 min
Lab File: VV030912.D
Acq: 28 Apr 2023 11:13

Instrument :
MSVOA_V
ClientSampleId :
VSTD001234

Tgt Ion:128 Resp: 15823
Ion Ratio Lower Upper
128 100
129 11.8 8.6 13.0
127 13.2 10.6 16.0



#72
1,2,3-Trichlorobenzene
Concen: 0.950 ug/L
RT: 13.689 min Scan# 3934
Delta R.T. 0.000 min
Lab File: VV030912.D
Acq: 28 Apr 2023 11:13

Tgt Ion:180 Resp: 9248
Ion Ratio Lower Upper
180 100
182 102.0 77.3 115.9
145 28.4 24.7 37.1

