

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW030323\
 Data File : VW030138.D
 Acq On : 03 Mar 2023 14:22
 Operator : SY/MD
 Sample : 01769-06MS
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 DBYL5MS

Quant Time: Mar 03 22:28:28 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR022323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Mar 03 22:25:34 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.545	114	141220	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	138875	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	83018	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	41674	4.561	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.200%
7) Chloroethane-d5	1.539	69	44226	5.156	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	103.200%
11) 1,1-Dichloroethene-d2	2.069	63	93348	4.969	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	99.400%
20) 2-Butanone-d5	3.818	46	96794	57.454	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	114.900%
24) Chloroform-d	4.262	84	103611	5.551	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	111.000%
26) 1,2-Dichloroethane-d4	4.953	65	42734	5.608	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	112.200%
32) Benzene-d6	4.973	84	186289	4.985	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.800%
36) 1,2-Dichloropropane-d6	5.998	67	58810	5.231	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.600%
41) Toluene-d8	7.252	98	175558	4.956	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.200%
43) trans-1,3-Dichloroprop...	7.561	79	18366	4.775	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.600%
46) 2-Hexanone-d5	8.034	63	87784	55.168	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	110.340%
56) 1,1,2,2-Tetrachloroeth...	10.162	84	47250	5.908	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	118.200%
66) 1,2-Dichlorobenzene-d4	11.570	152	68337	4.865	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	61383	5.342	ug/L	99
3) Chloromethane	1.217	50	89957	4.968	ug/L	98
5) Vinyl chloride	1.288	62	64056	5.323	ug/L	98
6) Bromomethane	1.494	94	12238	5.666	ug/L	100
8) Chloroethane	1.555	64	40322	5.500	ug/L	99
9) Trichlorofluoromethane	1.719	101	96609	5.596	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.076	101	56481	5.275	ug/L	98
12) 1,1-Dichloroethene	2.076	96	51218	5.404	ug/L	98
13) Acetone	2.150	43	60091	48.259	ug/L #	48
14) Carbon disulfide	2.249	76	129250	5.097	ug/L	99
15) Methyl Acetate	2.394	43	13343	4.588	ug/L	100
16) Methylene chloride	2.455	84	50978	4.403	ug/L	98
17) Methyl tert-butyl Ether	2.712	73	93635	5.052	ug/L	99
18) trans-1,2-Dichloroethene	2.703	96	47978	5.322	ug/L	98
19) 1,1-Dichloroethane	3.124	63	92327	5.497	ug/L	99
21) 2-Butanone	3.902	43	82789	49.437	ug/L	99
22) cis-1,2-Dichloroethene	3.828	96	52134	5.232	ug/L	94
23) Bromochloromethane	4.159	128	24758	5.814	ug/L	98
25) Chloroform	4.291	83	98989	5.666	ug/L	99

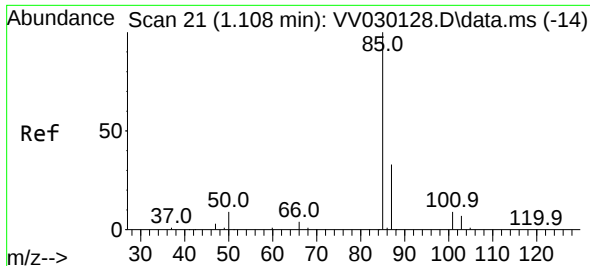
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.053	62	51255	5.609	ug/L	98
29) 1,1,1-Trichloroethane	4.526	97	89329	5.476	ug/L	100
30) Cyclohexane	4.593	56	64227	4.556	ug/L	98
31) Carbon tetrachloride	4.748	117	78020	5.321	ug/L	100
33) Benzene	5.021	78	200197	5.278	ug/L	100
34) Trichloroethene	5.844	95	51802	4.874	ug/L	98
35) Methylcyclohexane	6.059	83	70786	4.401	ug/L	97
37) 1,2-Dichloropropane	6.104	63	51879	5.377	ug/L	100
38) Bromodichloromethane	6.442	83	68169	5.534	ug/L	98
39) cis-1,3-Dichloropropene	6.963	75	65454	4.634	ug/L	99
40) 4-Methyl-2-pentanone	7.169	43	208805	52.442	ug/L	98
42) Toluene	7.323	91	220590	5.370	ug/L	99
44) trans-1,3-Dichloropropene	7.590	75	54442	4.937	ug/L	99
45) 1,1,2-Trichloroethane	7.780	97	37176	5.385	ug/L	96
47) Tetrachloroethene	7.915	164	45948	5.037	ug/L	97
48) 2-Hexanone	8.085	43	151070	52.999	ug/L	99
49) Dibromochloromethane	8.185	129	44795	5.545	ug/L	99
50) 1,2-Dibromoethane	8.291	107	34663	5.381	ug/L	93
51) Chlorobenzene	8.821	112	142154	5.131	ug/L	100
52) Ethylbenzene	8.956	91	220536	4.933	ug/L	100
53) m,p-Xylene	9.082	106	86546	5.037	ug/L	96
54) o-Xylene	9.487	106	80443	4.901	ug/L	97
55) Styrene	9.487	104	5714	0.209	ug/L #	1
57) 1,1,2,2-Tetrachloroethane	10.188	83	44546	5.768	ug/L	98
59) Bromoform	9.673	173	25828	5.191	ug/L	99
60) Isopropylbenzene	9.876	105	221266	4.632	ug/L	99
61) 1,2,3-Trichloropropane	10.220	75	28303	5.094	ug/L	97
62) 1,3,5-Trimethylbenzene	10.487	105	172503	4.396	ug/L	98
63) 1,2,4-Trimethylbenzene	10.860	105	183748	4.578	ug/L	100
64) 1,3-Dichlorobenzene	11.127	146	123192	4.953	ug/L	100
65) 1,4-Dichlorobenzene	11.217	146	125614	5.006	ug/L	98
67) 1,2-Dichlorobenzene	11.590	146	111573	5.080	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.374	75	6409	5.165	ug/L	96
69) 1,3,5-Trichlorobenzene	12.593	180	91544	4.477	ug/L	100
70) 1,2,4-trichlorobenzene	13.207	180	71023	4.288	ug/L	99
71) Naphthalene	13.448	128	92812	4.288	ug/L	99
72) 1,2,3-Trichlorobenzene	13.693	180	62427	4.578	ug/L	100

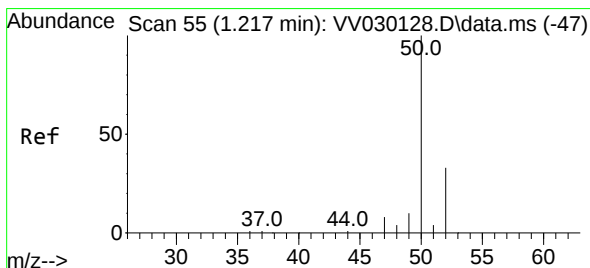
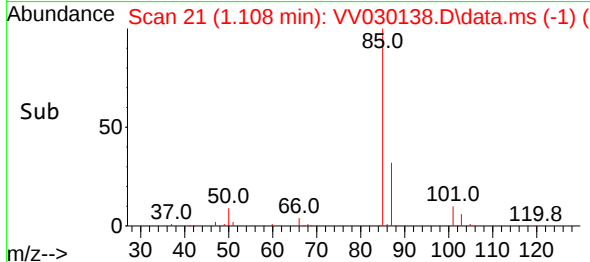
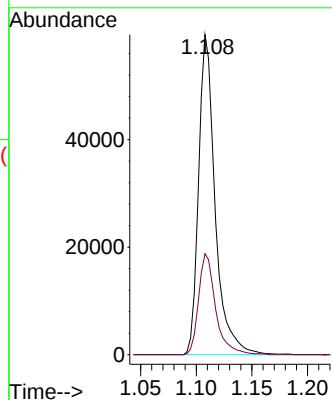
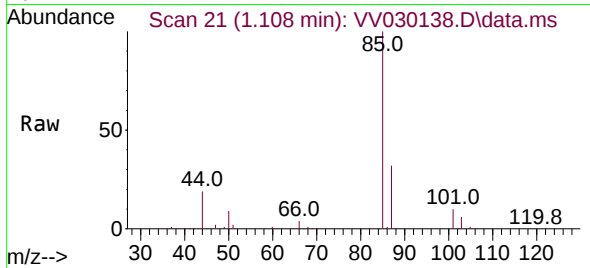
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#2
Dichlorodifluoromethane
Concen: 5.342 ug/L
RT: 1.108 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV030138.D
Acq: 03 Mar 2023 14:22

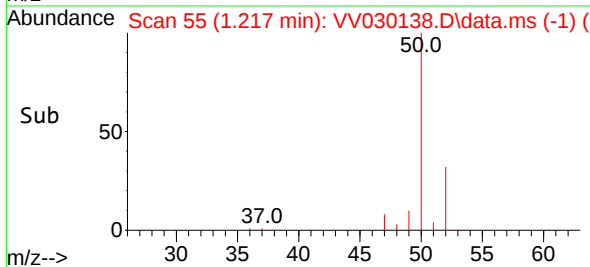
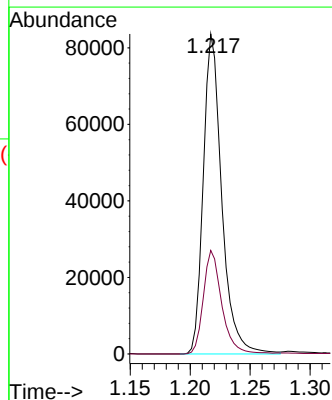
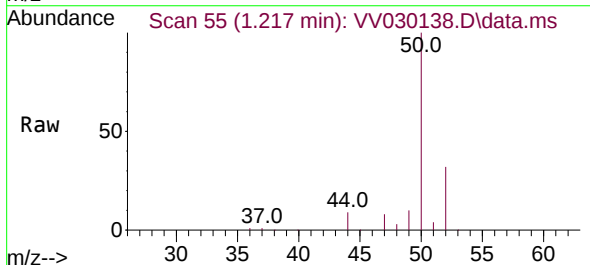
Instrument :
MSVOA_V
ClientSampleId :
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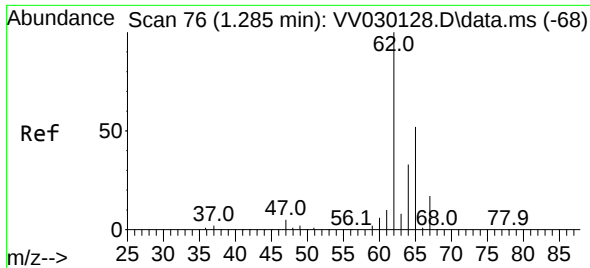
Tgt Ion: 85 Resp: 61383
Ion Ratio Lower Upper
85 100
87 32.6 26.6 39.8



#3
Chloromethane
Concen: 4.968 ug/L
RT: 1.217 min Scan# 55
Delta R.T. -0.000 min
Lab File: VV030138.D
Acq: 03 Mar 2023 14:22

Tgt Ion: 50 Resp: 89957
Ion Ratio Lower Upper
50 100
52 32.3 23.6 43.8

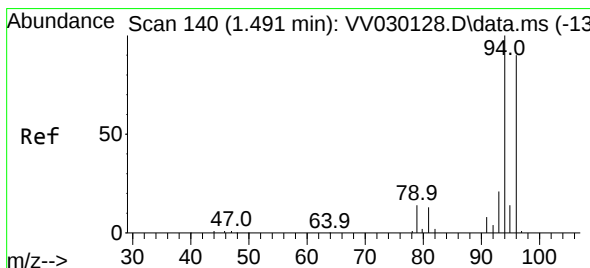
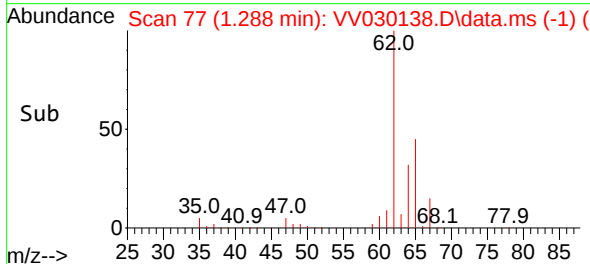
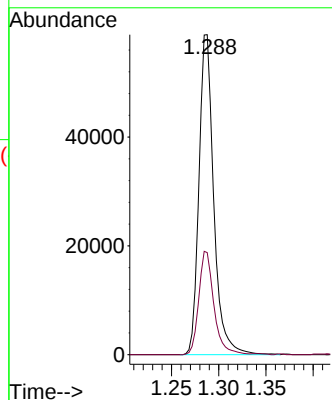
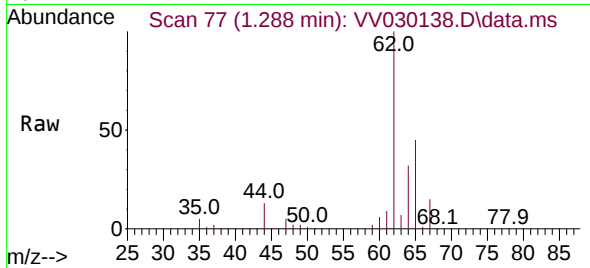




#5
 Vinyl chloride
 Concen: 5.323 ug/L
 RT: 1.288 min Scan# 71
 Delta R.T. 0.003 min
 Lab File: VV030138.D
 Acq: 03 Mar 2023 14:22

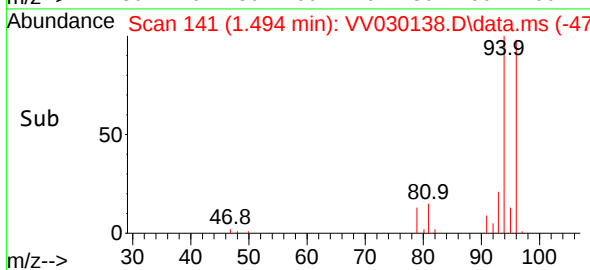
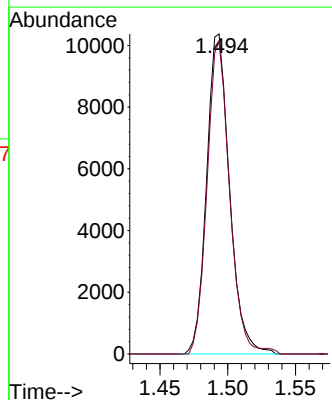
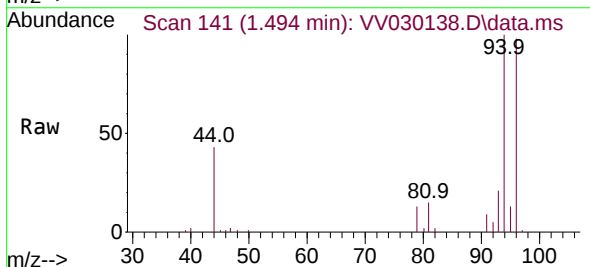
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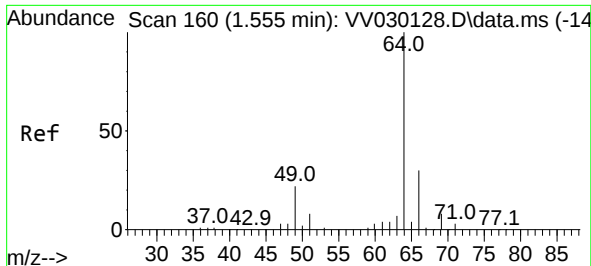
Tgt Ion: 62 Resp: 64056
 Ion Ratio Lower Upper
 62 100
 64 31.9 23.1 42.9



#6
 Bromomethane
 Concen: 5.666 ug/L
 RT: 1.494 min Scan# 141
 Delta R.T. 0.003 min
 Lab File: VV030138.D
 Acq: 03 Mar 2023 14:22

Tgt Ion: 94 Resp: 12238
 Ion Ratio Lower Upper
 94 100
 96 97.6 68.4 127.0

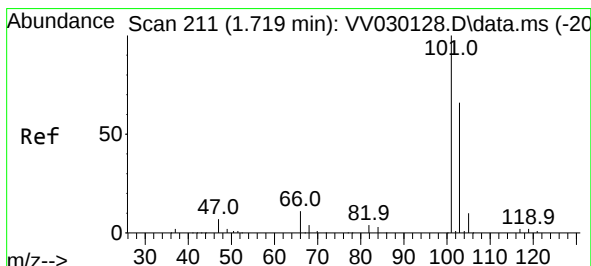
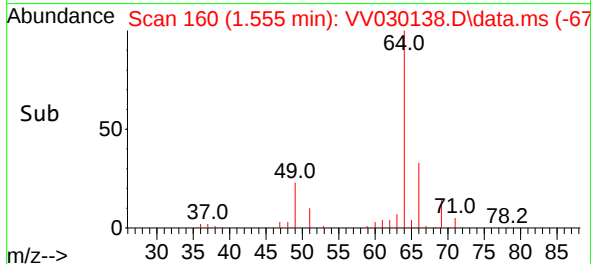
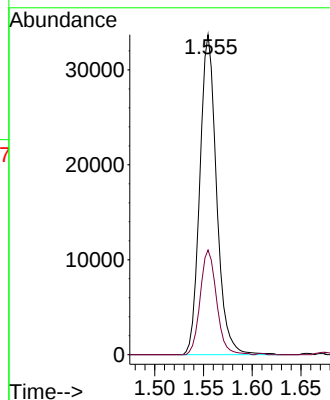
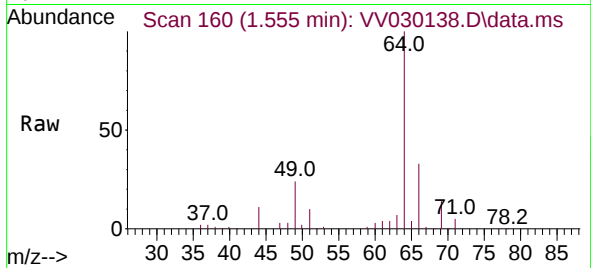




#8
Chloroethane
Concen: 5.500 ug/L
RT: 1.555 min Scan# 160
Delta R.T. -0.000 min
Lab File: VV030138.D
Acq: 03 Mar 2023 14:22

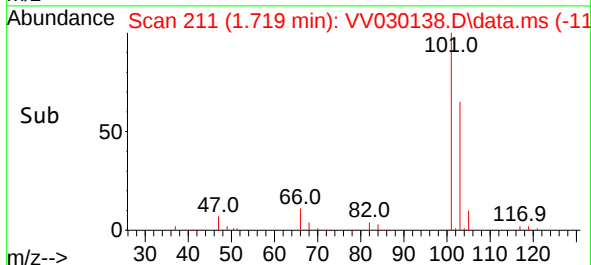
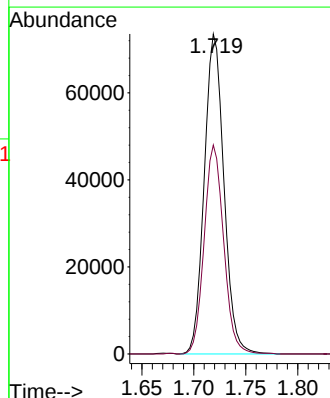
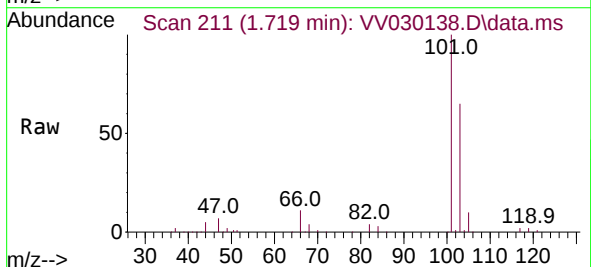
Instrument :
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ClientSampleId :
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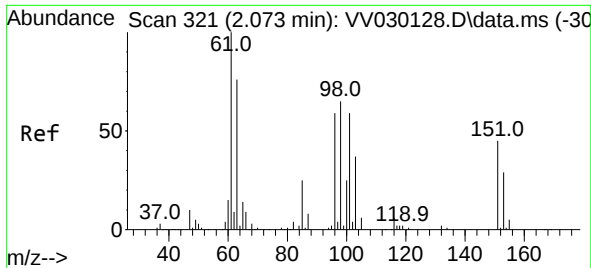
Tgt Ion: 64 Resp: 40322
Ion Ratio Lower Upper
64 100
66 32.7 22.4 41.6



#9
Trichlorofluoromethane
Concen: 5.596 ug/L
RT: 1.719 min Scan# 211
Delta R.T. -0.000 min
Lab File: VV030138.D
Acq: 03 Mar 2023 14:22

Tgt Ion:101 Resp: 96609
Ion Ratio Lower Upper
101 100
103 64.7 52.7 79.1

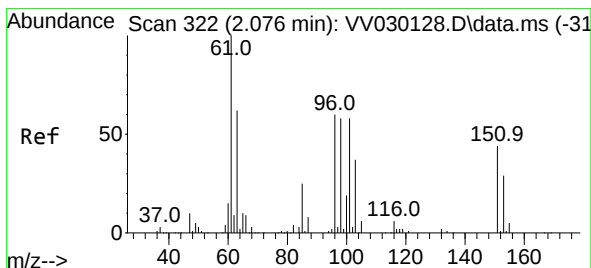
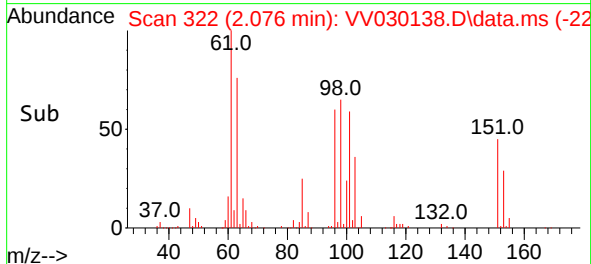
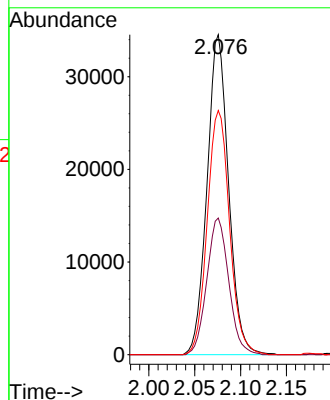
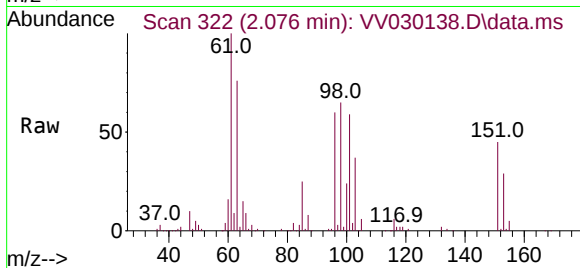




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.275 ug/L
 RT: 2.076 min Scan# 31
 Delta R.T. 0.003 min
 Lab File: VV030138.D
 Acq: 03 Mar 2023 14:22

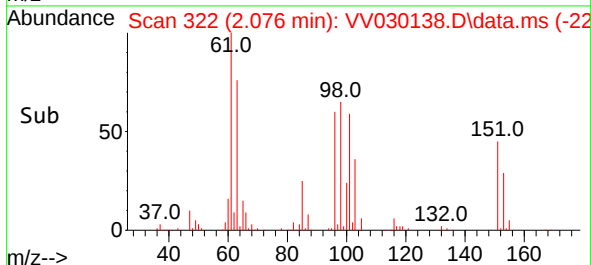
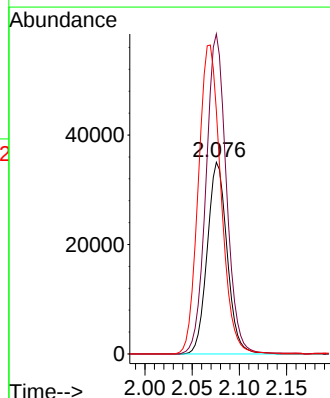
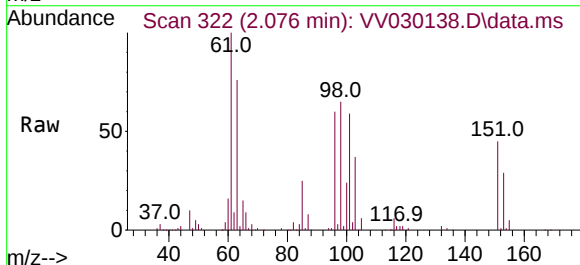
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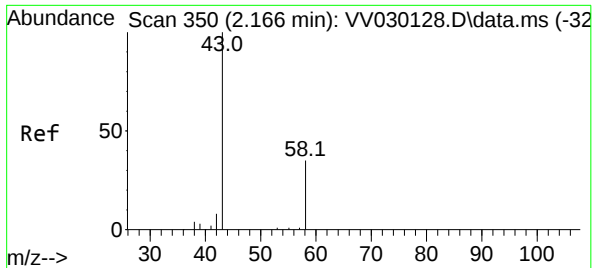
Tgt Ion:101 Resp: 56481
 Ion Ratio Lower Upper
 101 100
 85 43.4 33.5 50.3
 151 79.0 61.6 92.4



#12
 1,1-Dichloroethene
 Concen: 5.404 ug/L
 RT: 2.076 min Scan# 322
 Delta R.T. -0.000 min
 Lab File: VV030138.D
 Acq: 03 Mar 2023 14:22

Tgt Ion: 96 Resp: 51218
 Ion Ratio Lower Upper
 96 100
 61 166.9 115.6 214.6
 63 126.8 85.6 159.0





#13

Acetone

Concen: 48.259 ug/L

RT: 2.150 min Scan# 34

Delta R.T. -0.016 min

Lab File: VV030138.D

Acq: 03 Mar 2023 14:22

Instrument :

MSVOA_V

ClientSampleId :

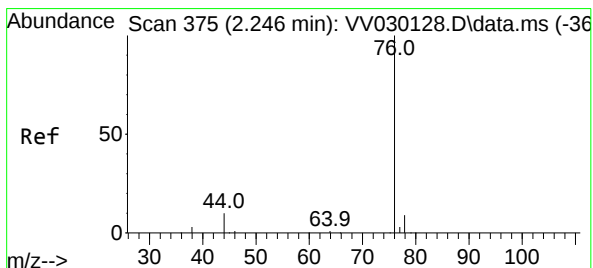
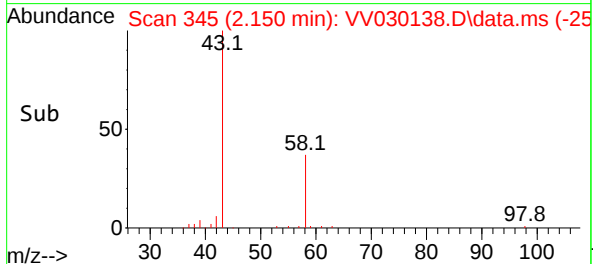
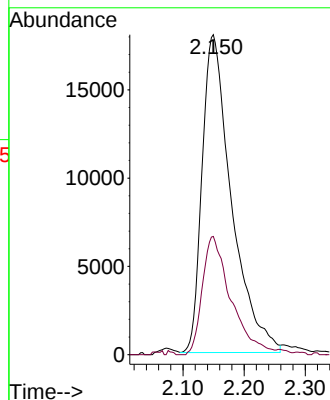
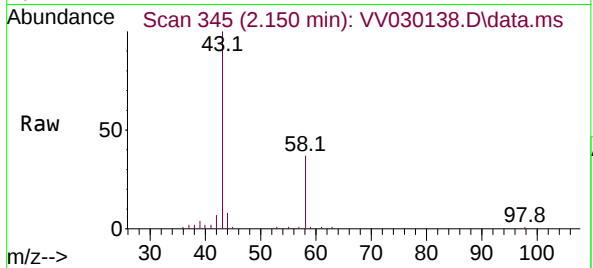
DBYL5MS

Tgt Ion: 43 Resp: 60091

Ion Ratio Lower Upper

43 100

58 36.2 0.0 29.4#



#14

Carbon disulfide

Concen: 5.097 ug/L

RT: 2.249 min Scan# 376

Delta R.T. 0.003 min

Lab File: VV030138.D

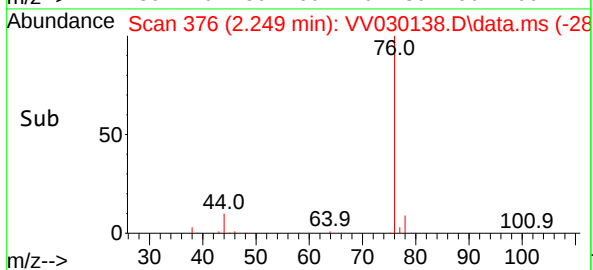
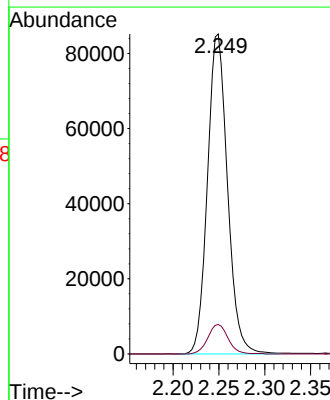
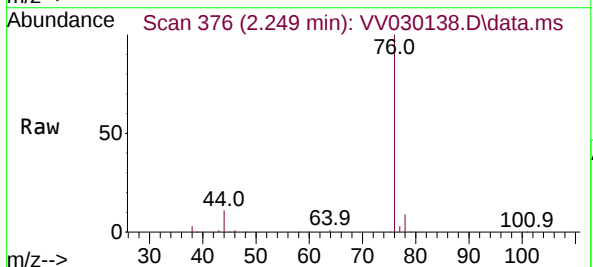
Acq: 03 Mar 2023 14:22

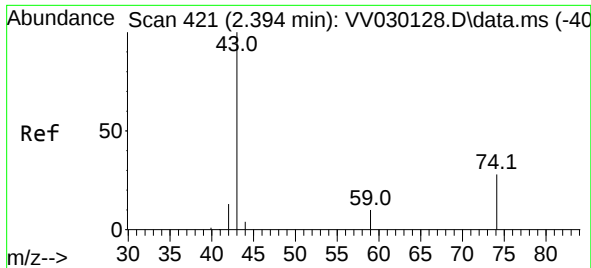
Tgt Ion: 76 Resp: 129250

Ion Ratio Lower Upper

76 100

78 9.2 7.7 11.5

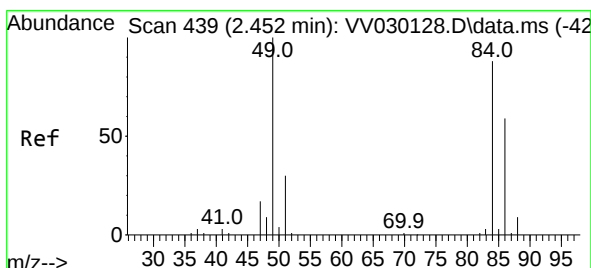
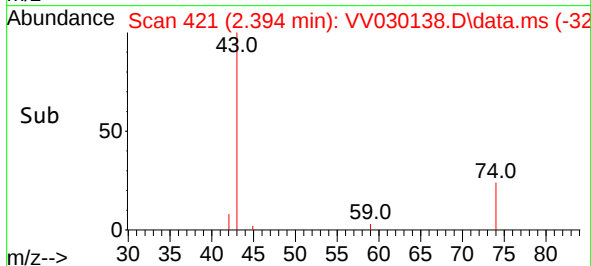
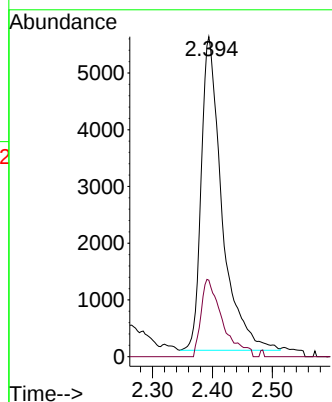
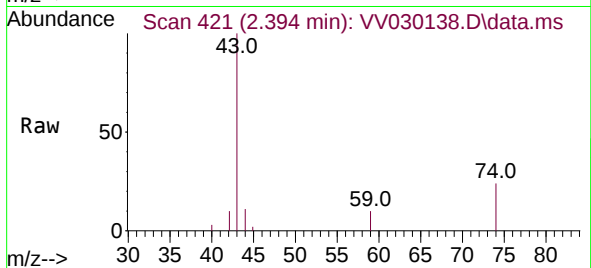




#15
Methyl Acetate
Concen: 4.588 ug/L
RT: 2.394 min Scan# 41
Delta R.T. -0.000 min
Lab File: VV030138.D
Acq: 03 Mar 2023 14:22

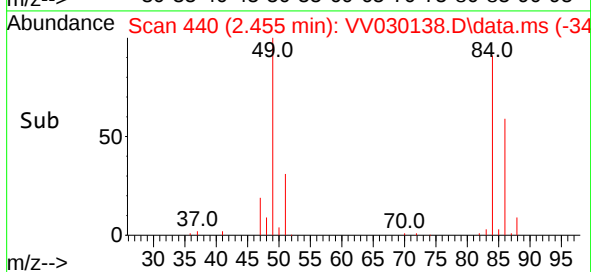
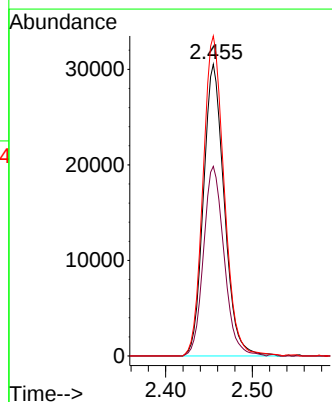
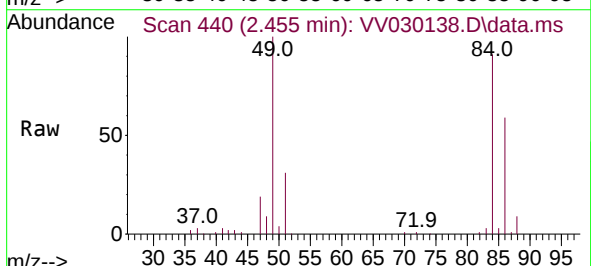
Instrument :
MSVOA_V
ClientSampleId :
DBYL5MS

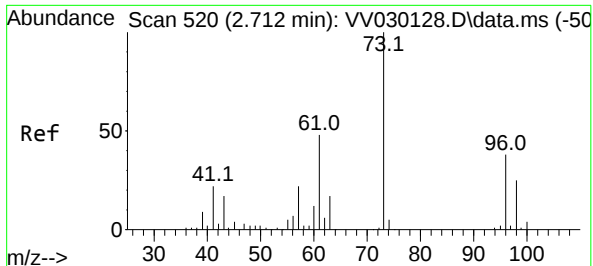
Tgt Ion: 43 Resp: 13343
Ion Ratio Lower Upper
43 100
74 25.2 20.1 30.1



#16
Methylene chloride
Concen: 4.403 ug/L
RT: 2.455 min Scan# 440
Delta R.T. 0.003 min
Lab File: VV030138.D
Acq: 03 Mar 2023 14:22

Tgt Ion: 84 Resp: 50978
Ion Ratio Lower Upper
84 100
86 65.0 44.7 83.1
49 109.7 78.8 146.3





#17

Methyl tert-butyl Ether

Concen: 5.052 ug/L

RT: 2.712 min Scan# 517

Delta R.T. -0.000 min

Lab File: VV030138.D

Acq: 03 Mar 2023 14:22

Instrument :

MSVOA_V

ClientSampleId :

DBYL5MS

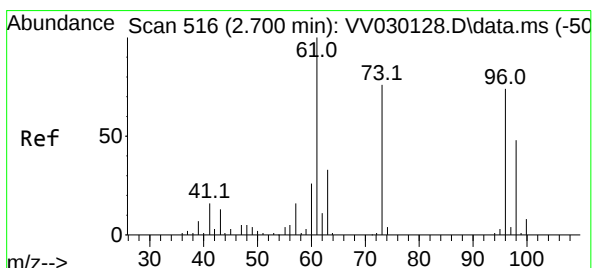
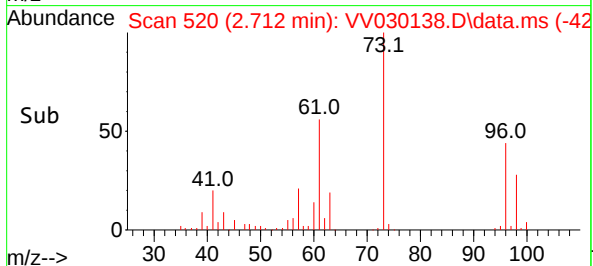
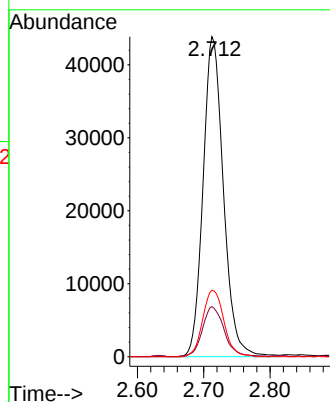
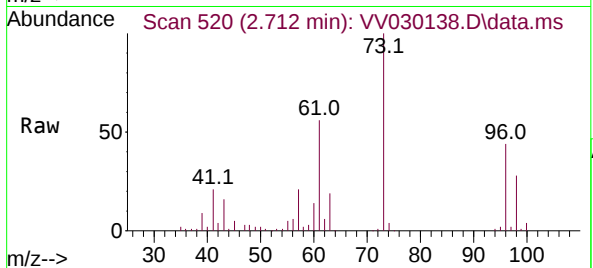
Tgt Ion: 73 Resp: 93635

Ion Ratio Lower Upper

73 100

43 16.8 13.4 20.2

57 21.6 16.8 25.2



#18

trans-1,2-Dichloroethene

Concen: 5.322 ug/L

RT: 2.703 min Scan# 517

Delta R.T. 0.003 min

Lab File: VV030138.D

Acq: 03 Mar 2023 14:22

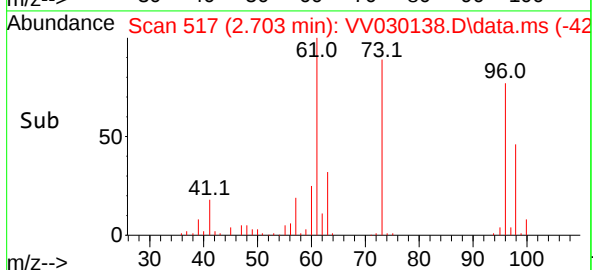
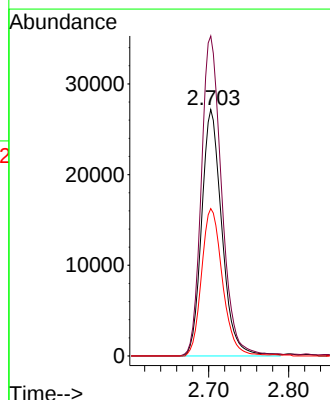
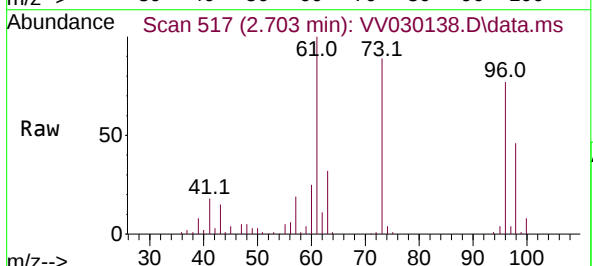
Tgt Ion: 96 Resp: 47978

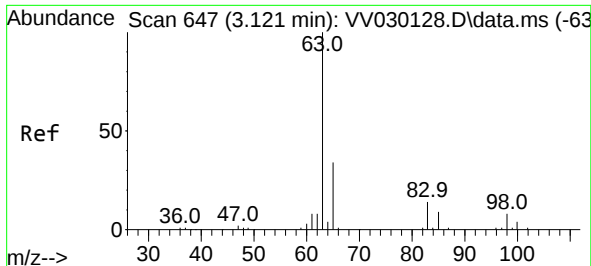
Ion Ratio Lower Upper

96 100

61 129.8 91.0 169.0

98 59.8 45.2 84.0





#19

1,1-Dichloroethane

Concen: 5.497 ug/L

RT: 3.124 min Scan# 64

Delta R.T. 0.003 min

Lab File: VV030138.D

Acq: 03 Mar 2023 14:22

Instrument :

MSVOA_V

ClientSampleId :

DBYL5MS

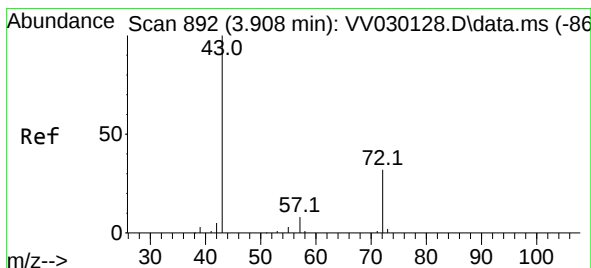
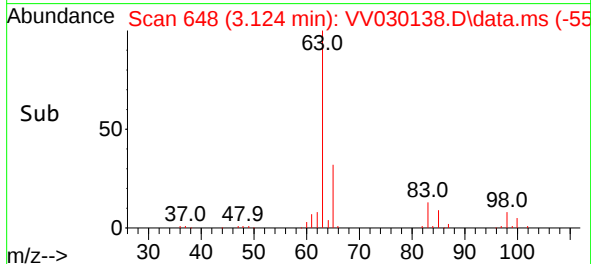
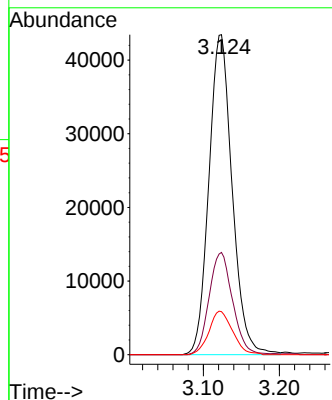
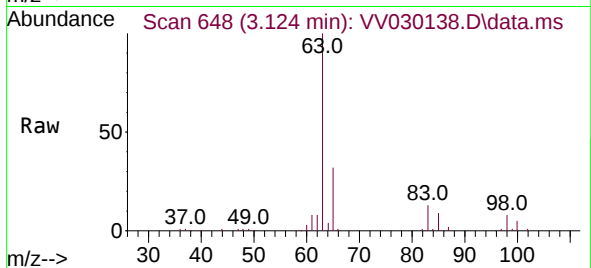
Tgt Ion: 63 Resp: 92327

Ion Ratio Lower Upper

63 100

65 31.9 23.0 42.8

83 13.5 9.6 17.8



#21

2-Butanone

Concen: 49.437 ug/L

RT: 3.902 min Scan# 890

Delta R.T. -0.007 min

Lab File: VV030138.D

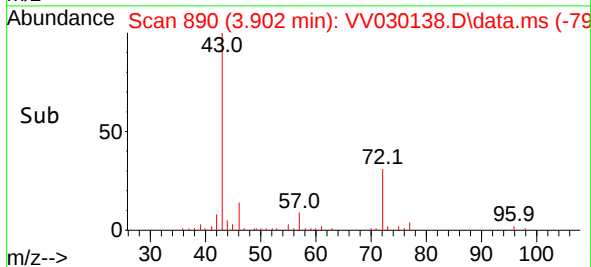
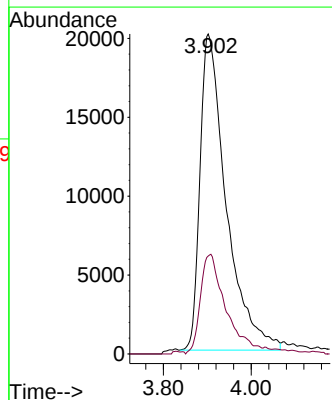
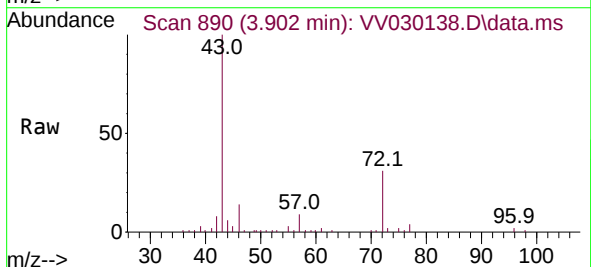
Acq: 03 Mar 2023 14:22

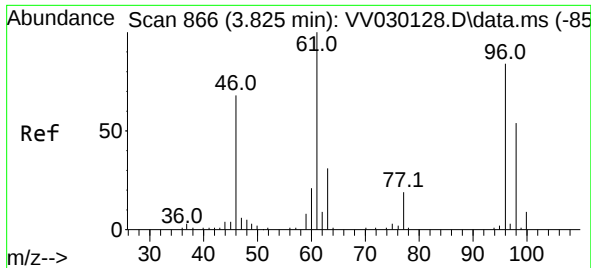
Tgt Ion: 43 Resp: 82789

Ion Ratio Lower Upper

43 100

72 30.6 15.1 45.3

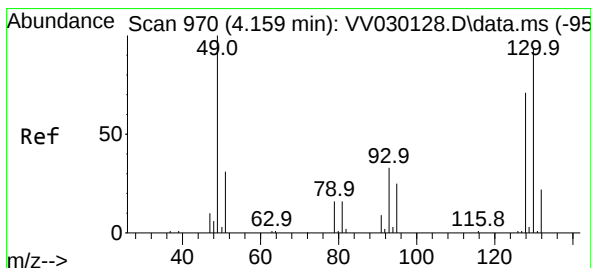
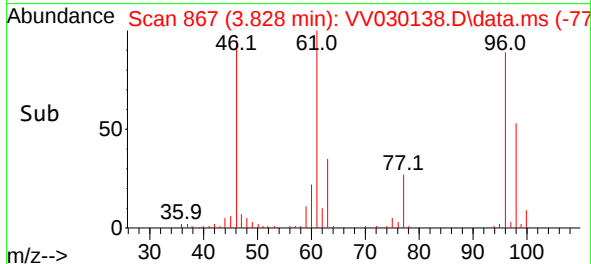
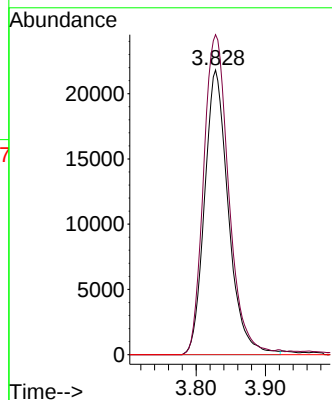
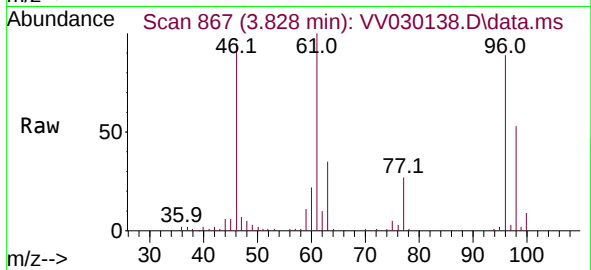




#22
 cis-1,2-Dichloroethene
 Concen: 5.232 ug/L
 RT: 3.828 min Scan# 867
 Delta R.T. 0.003 min
 Lab File: VV030138.D
 Acq: 03 Mar 2023 14:22

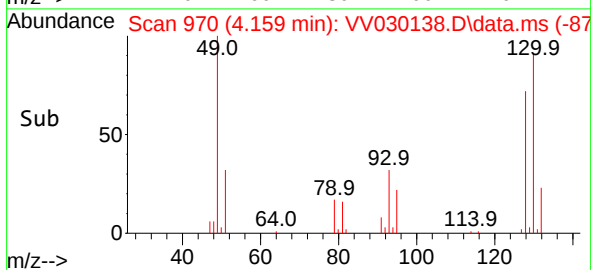
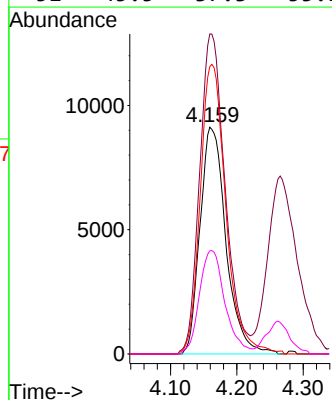
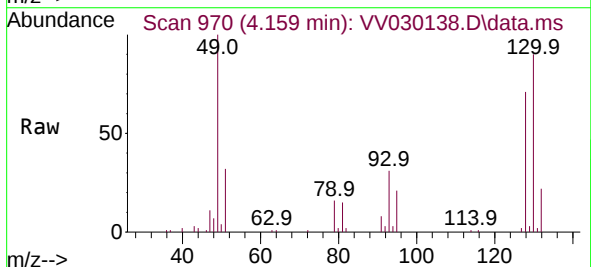
Instrument :
 MSVOA_V
 ClientSampleId :
 DBYL5MS

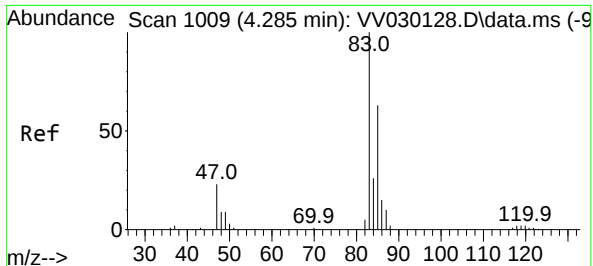
Tgt Ion: 96 Resp: 52134
 Ion Ratio Lower Upper
 96 100
 61 112.4 83.4 154.8
 68 0.0 0.0 0.0



#23
 Bromochloromethane
 Concen: 5.814 ug/L
 RT: 4.159 min Scan# 970
 Delta R.T. -0.000 min
 Lab File: VV030138.D
 Acq: 03 Mar 2023 14:22

Tgt Ion: 128 Resp: 24758
 Ion Ratio Lower Upper
 128 100
 49 141.1 99.5 184.9
 130 126.7 90.5 168.1
 51 45.5 37.3 55.9

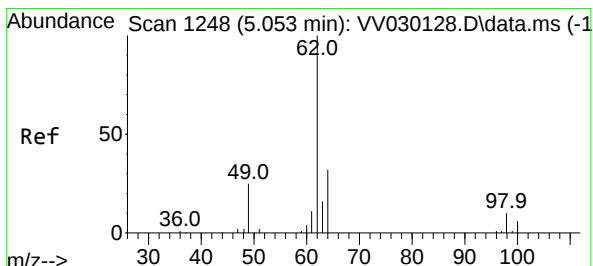
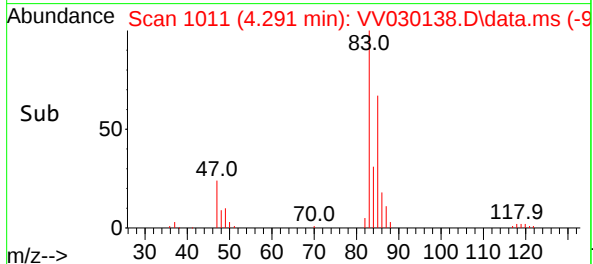
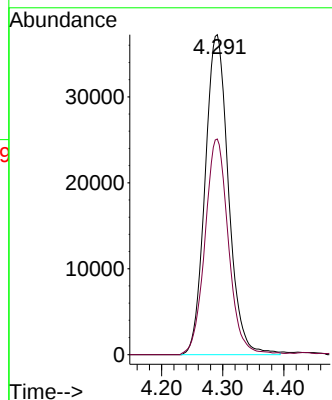
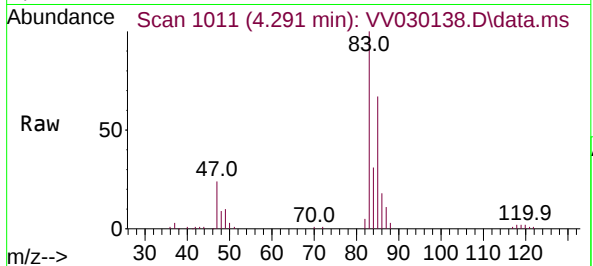




#25
Chloroform
Concen: 5.666 ug/L
RT: 4.291 min Scan# 1009
Delta R.T. 0.006 min
Lab File: VV030138.D
Acq: 03 Mar 2023 14:22

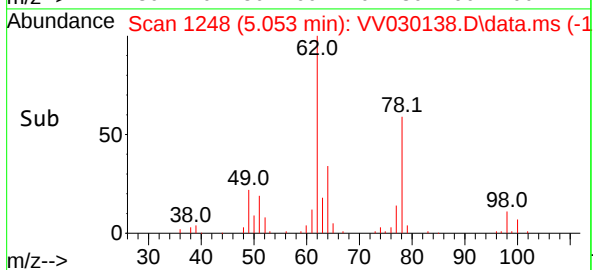
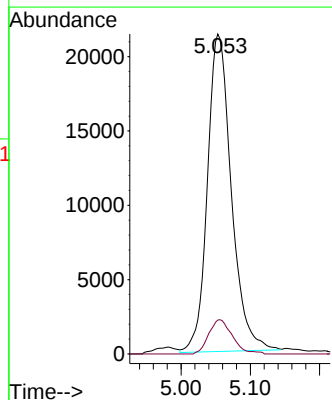
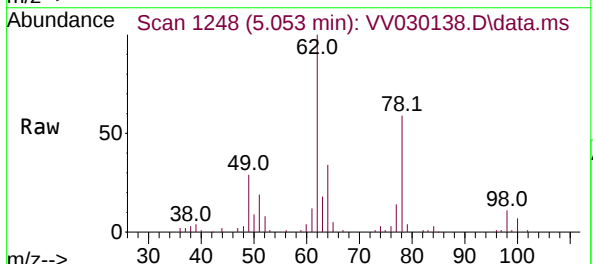
Instrument :
MSVOA_V
ClientSampleId :
DBYL5MS

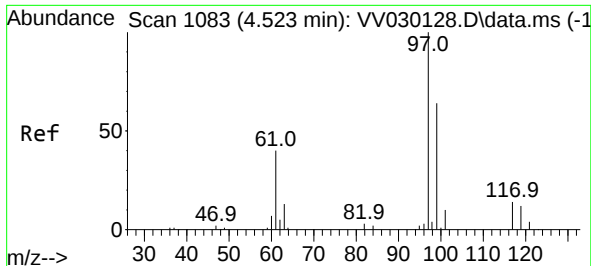
Tgt Ion: 83 Resp: 98989
Ion Ratio Lower Upper
83 100
85 67.4 46.5 86.5



#27
1,2-Dichloroethane
Concen: 5.609 ug/L
RT: 5.053 min Scan# 1248
Delta R.T. -0.000 min
Lab File: VV030138.D
Acq: 03 Mar 2023 14:22

Tgt Ion: 62 Resp: 51255
Ion Ratio Lower Upper
62 100
98 10.6 9.0 13.4





#29

1,1,1-Trichloroethane

Concen: 5.476 ug/L

RT: 4.526 min Scan# 1083

Delta R.T. 0.003 min

Lab File: VV030138.D

Acq: 03 Mar 2023 14:22

Instrument :

MSVOA_V

ClientSampleId :

DBYL5MS

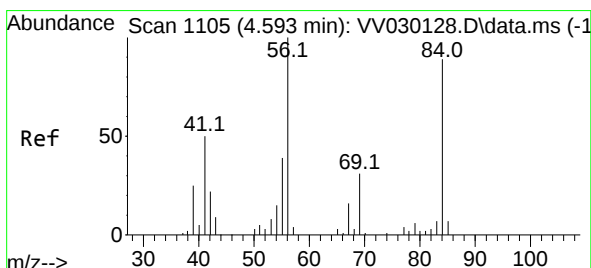
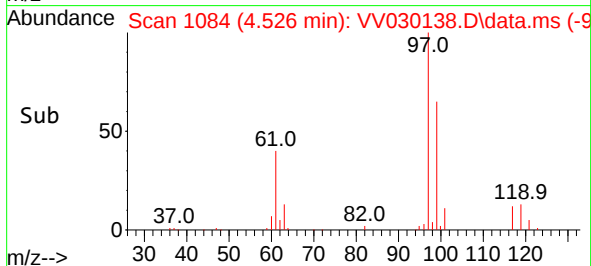
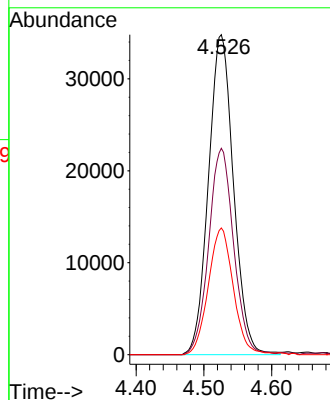
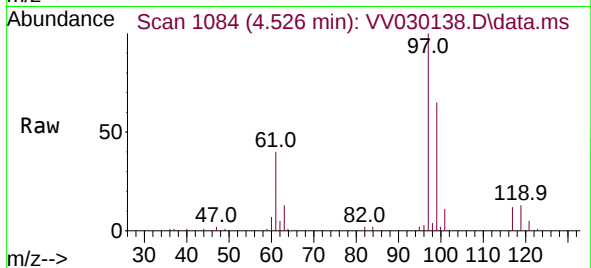
Tgt Ion: 97 Resp: 89329

Ion Ratio Lower Upper

97 100

99 64.4 51.3 76.9

61 39.4 31.5 47.3



#30

Cyclohexane

Concen: 4.556 ug/L

RT: 4.593 min Scan# 1105

Delta R.T. -0.000 min

Lab File: VV030138.D

Acq: 03 Mar 2023 14:22

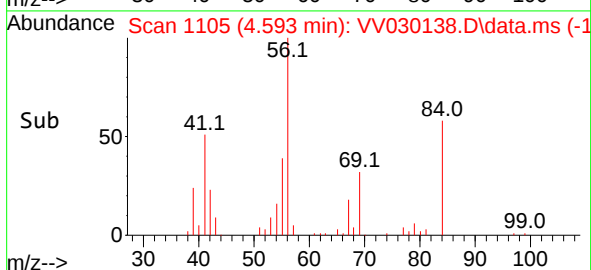
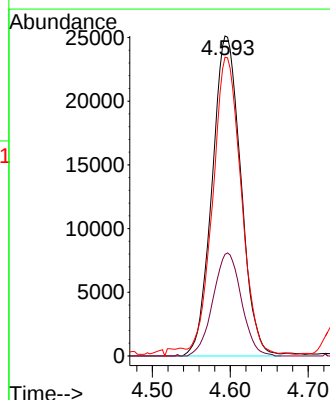
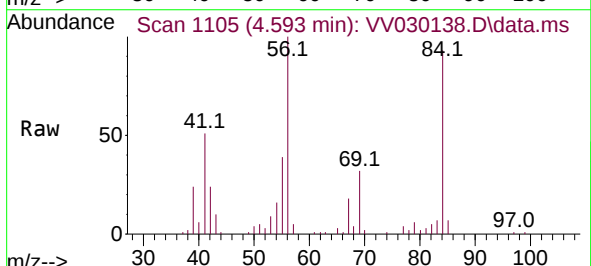
Tgt Ion: 56 Resp: 64227

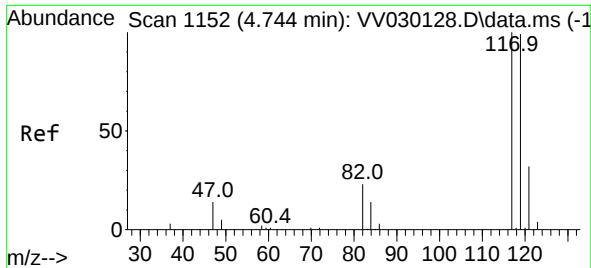
Ion Ratio Lower Upper

56 100

69 31.8 25.1 37.7

84 90.6 74.6 111.8

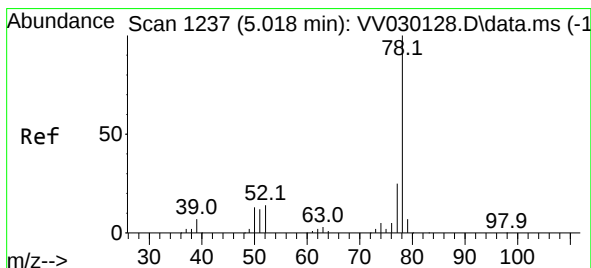
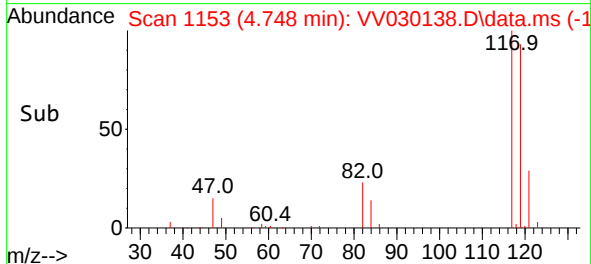
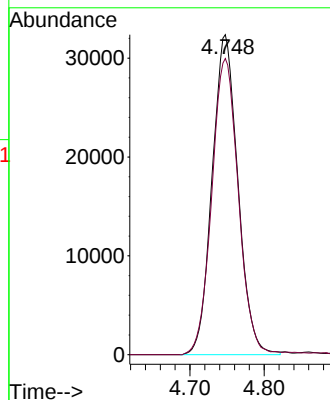
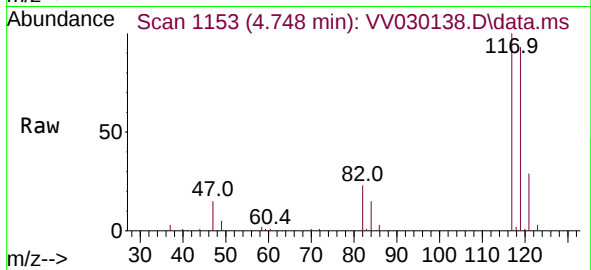




#31
Carbon tetrachloride
Concen: 5.321 ug/L
RT: 4.748 min Scan# 1152
Delta R.T. 0.003 min
Lab File: VV030138.D
Acq: 03 Mar 2023 14:22

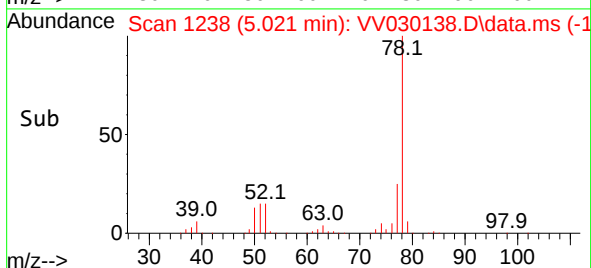
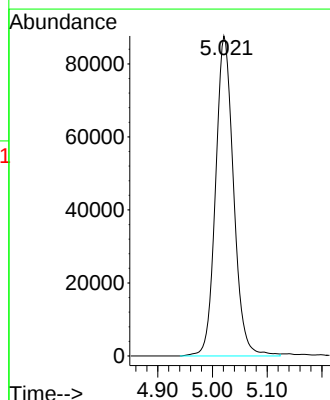
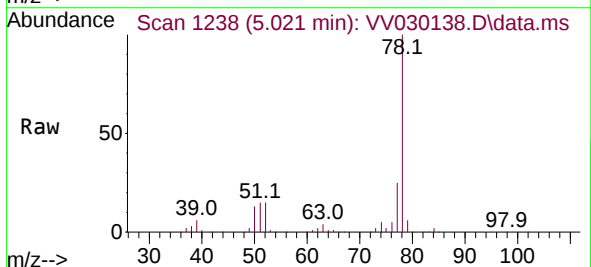
Instrument :
MSVOA_V
ClientSampleId :
DBYL5MS

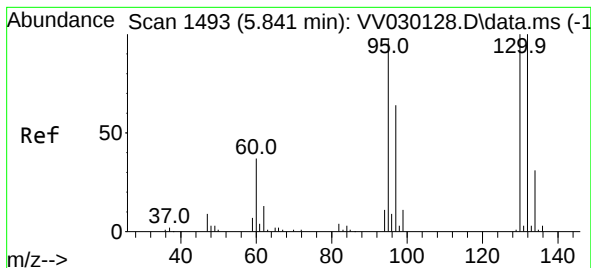
Tgt Ion:117 Resp: 78020
Ion Ratio Lower Upper
117 100
119 95.3 76.1 114.1



#33
Benzene
Concen: 5.278 ug/L
RT: 5.021 min Scan# 1238
Delta R.T. 0.003 min
Lab File: VV030138.D
Acq: 03 Mar 2023 14:22

Tgt Ion: 78 Resp: 200197





#34

Trichloroethene

Concen: 4.874 ug/L

RT: 5.844 min Scan# 1493

Delta R.T. 0.003 min

Lab File: VV030138.D

Acq: 03 Mar 2023 14:22

Instrument :

MSVOA_V

ClientSampleId :

DBYL5MS

Tgt Ion: 95 Resp: 51802

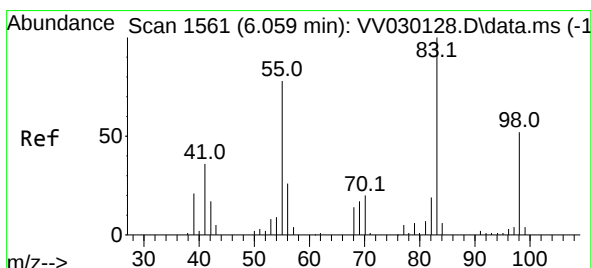
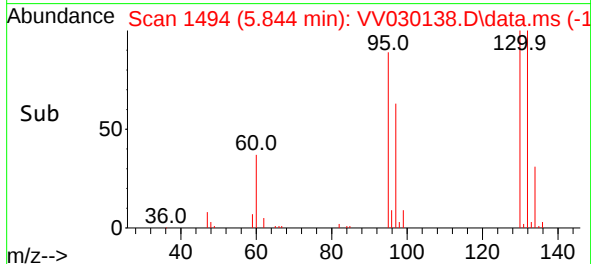
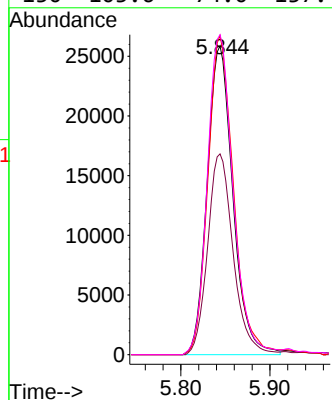
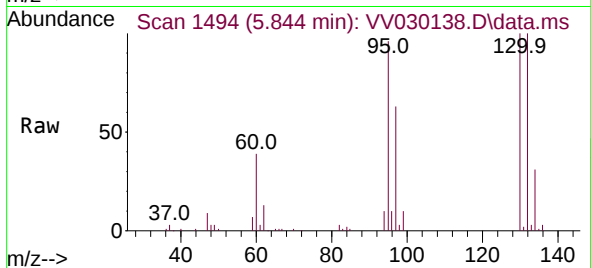
Ion Ratio Lower Upper

95 100

97 65.1 46.5 86.5

132 103.3 71.7 133.3

130 103.6 74.0 137.4



#35

Methylcyclohexane

Concen: 4.401 ug/L

RT: 6.059 min Scan# 1561

Delta R.T. -0.000 min

Lab File: VV030138.D

Acq: 03 Mar 2023 14:22

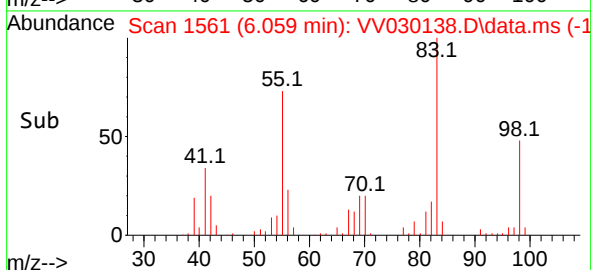
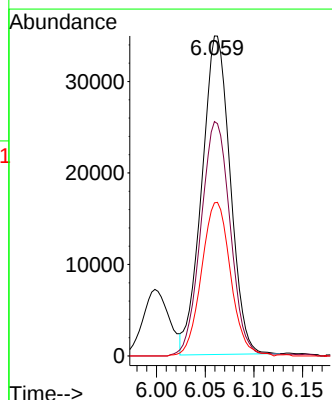
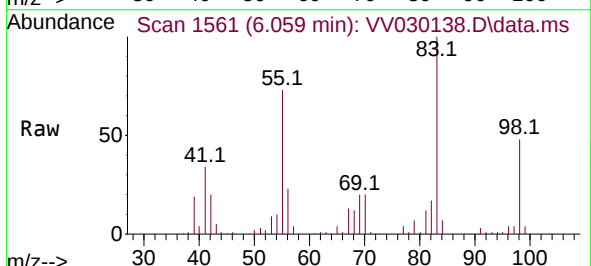
Tgt Ion: 83 Resp: 70786

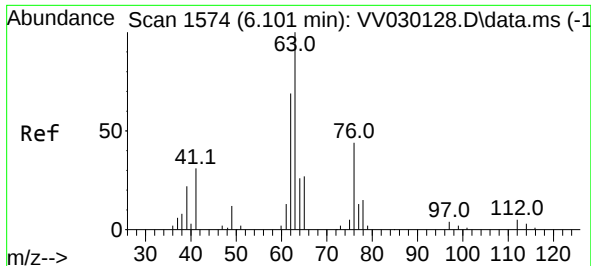
Ion Ratio Lower Upper

83 100

55 76.0 57.6 86.4

98 49.1 38.8 58.2





#37

1,2-Dichloropropane

Concen: 5.377 ug/L

RT: 6.104 min Scan# 1574

Delta R.T. 0.003 min

Lab File: VV030138.D

Acq: 03 Mar 2023 14:22

Instrument :

MSVOA_V

ClientSampleId :

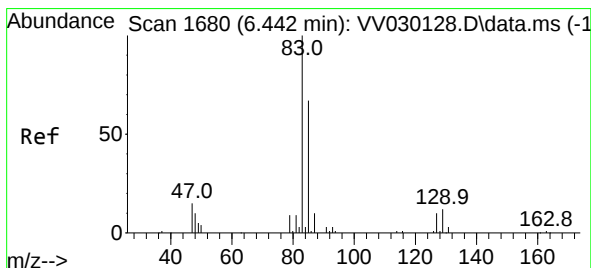
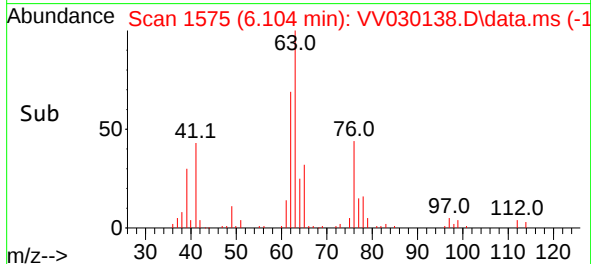
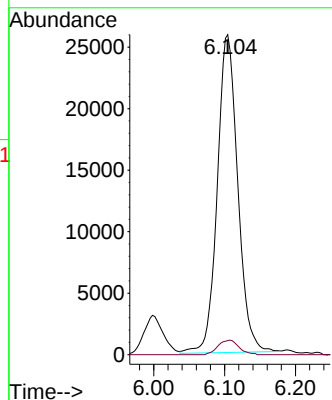
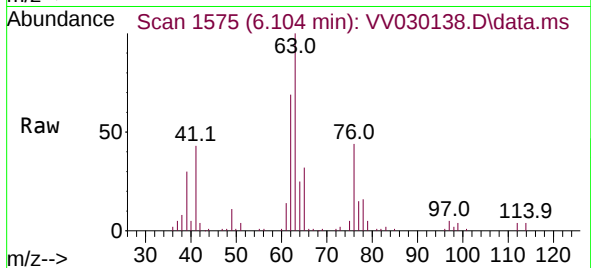
DBYL5MS

Tgt Ion: 63 Resp: 51879

Ion Ratio Lower Upper

63 100

112 4.7 3.8 5.6



#38

Bromodichloromethane

Concen: 5.534 ug/L

RT: 6.442 min Scan# 1680

Delta R.T. -0.000 min

Lab File: VV030138.D

Acq: 03 Mar 2023 14:22

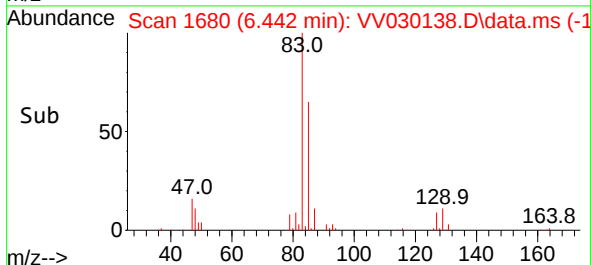
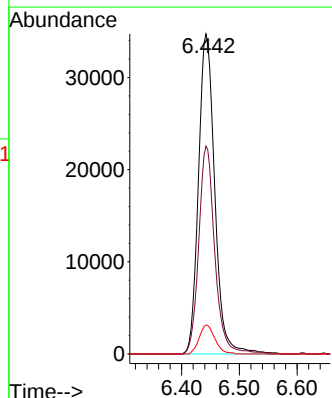
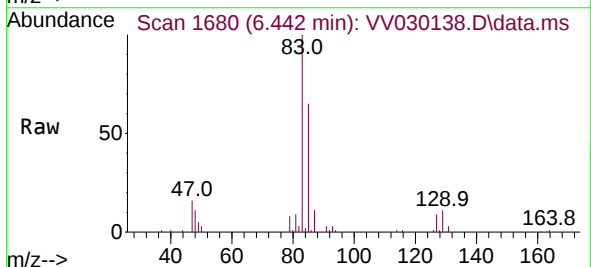
Tgt Ion: 83 Resp: 68169

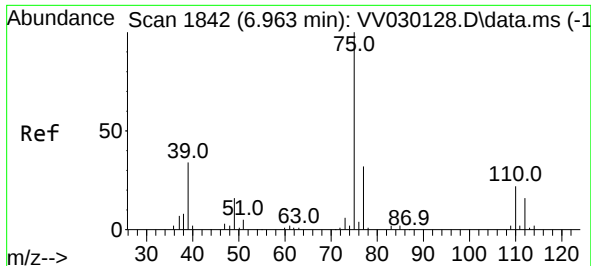
Ion Ratio Lower Upper

83 100

85 64.9 44.3 82.3

127 9.1 7.2 10.8





#39

cis-1,3-Dichloropropene

Concen: 4.634 ug/L

RT: 6.963 min Scan# 11

Delta R.T. -0.000 min

Lab File: VV030138.D

Acq: 03 Mar 2023 14:22

Instrument :

MSVOA_V

ClientSampleId :

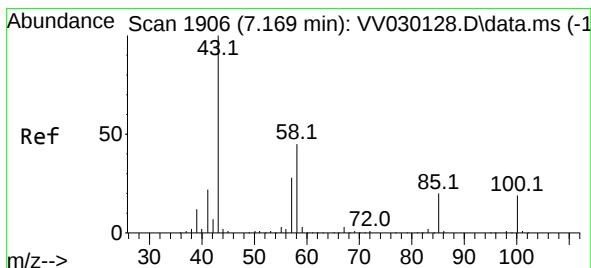
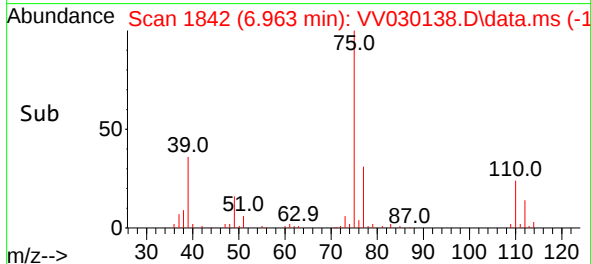
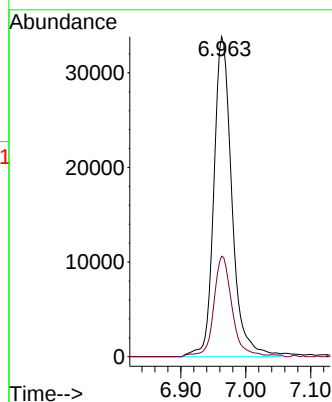
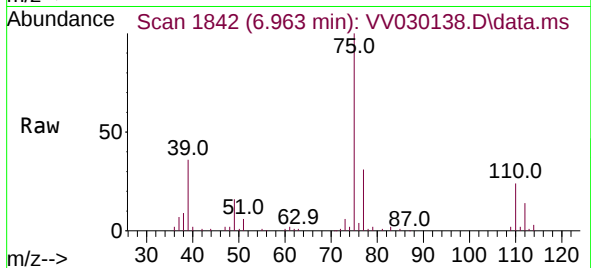
DBYL5MS

Tgt Ion: 75 Resp: 65454

Ion Ratio Lower Upper

75 100

77 31.4 22.3 41.3



#40

4-Methyl-2-pentanone

Concen: 52.442 ug/L

RT: 7.169 min Scan# 1906

Delta R.T. -0.000 min

Lab File: VV030138.D

Acq: 03 Mar 2023 14:22

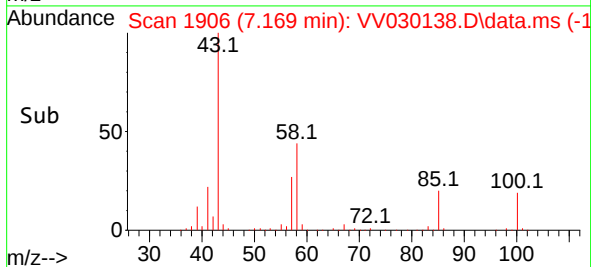
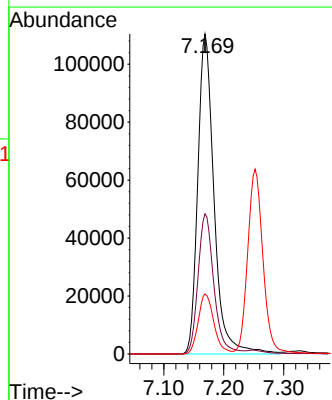
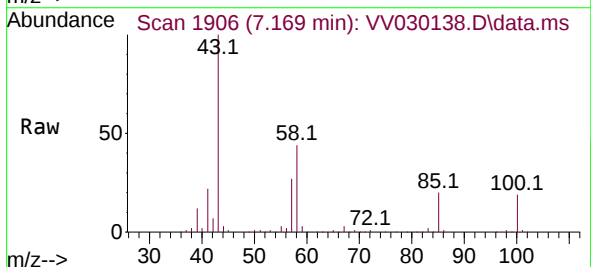
Tgt Ion: 43 Resp: 208805

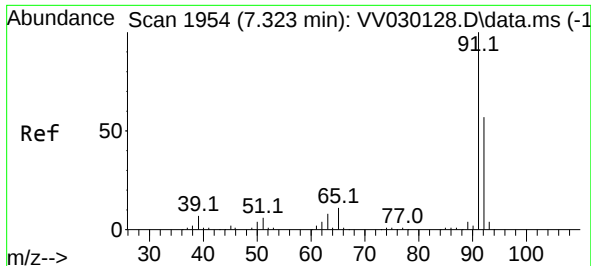
Ion Ratio Lower Upper

43 100

58 42.7 35.3 52.9

100 18.1 14.7 22.1





#42

Toluene

Concen: 5.370 ug/L

RT: 7.323 min Scan# 1954

Delta R.T. -0.000 min

Lab File: VV030138.D

Acq: 03 Mar 2023 14:22

Instrument :

MSVOA_V

ClientSampleId :

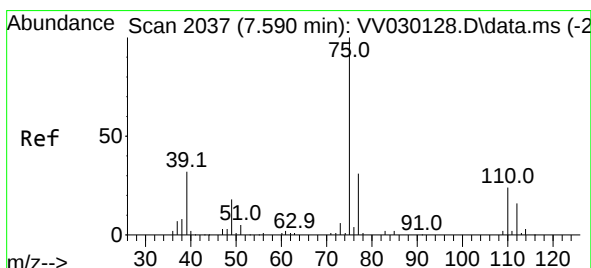
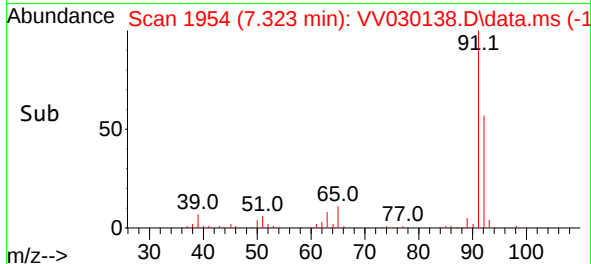
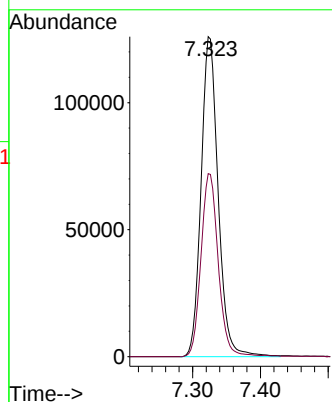
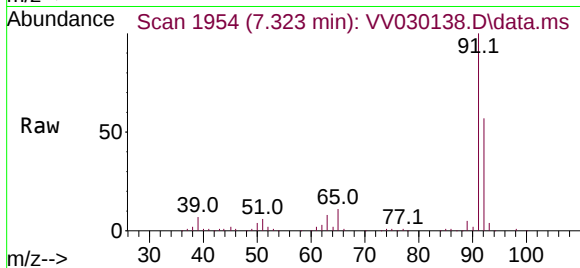
DBYL5MS

Tgt Ion: 91 Resp: 220590

Ion Ratio Lower Upper

91 100

92 57.2 39.6 73.6



#44

trans-1,3-Dichloropropene

Concen: 4.937 ug/L

RT: 7.590 min Scan# 2037

Delta R.T. -0.000 min

Lab File: VV030138.D

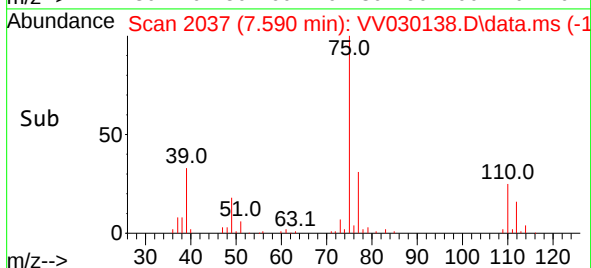
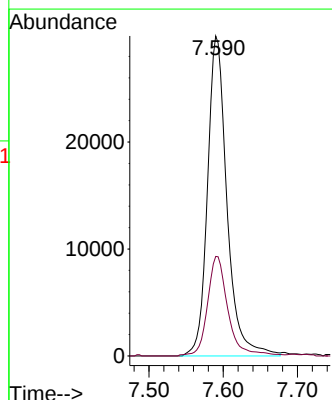
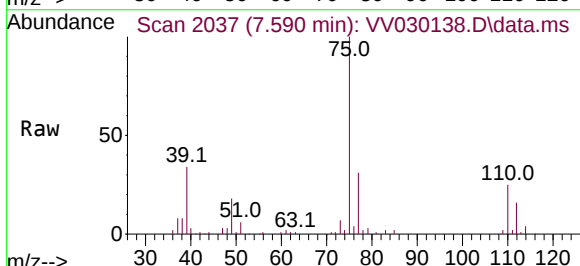
Acq: 03 Mar 2023 14:22

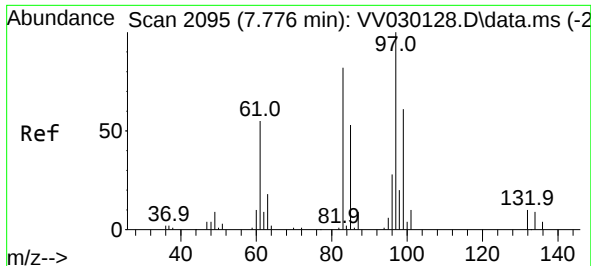
Tgt Ion: 75 Resp: 54442

Ion Ratio Lower Upper

75 100

77 31.1 22.1 41.1

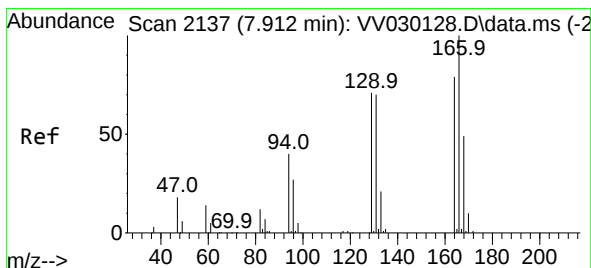
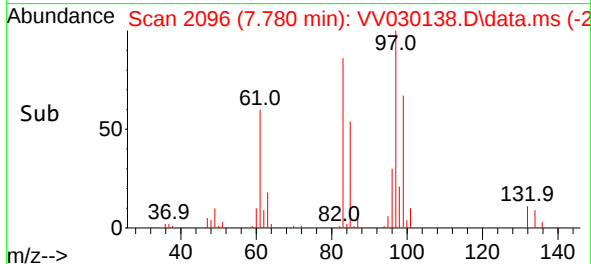
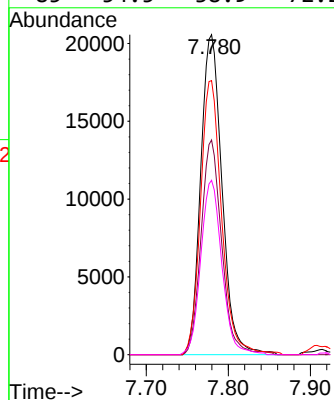
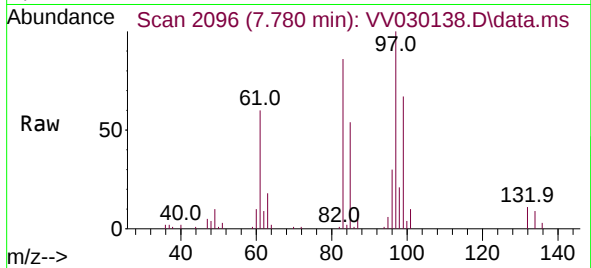




#45
1,1,2-Trichloroethane
Concen: 5.385 ug/L
RT: 7.780 min Scan# 2095
Delta R.T. 0.003 min
Lab File: VV030138.D
Acq: 03 Mar 2023 14:22

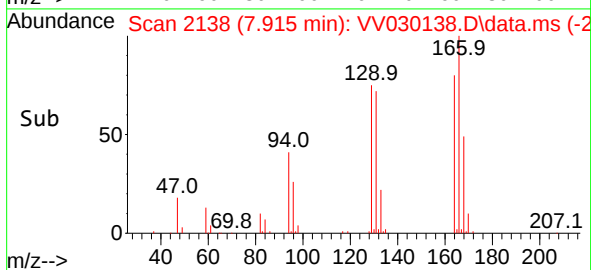
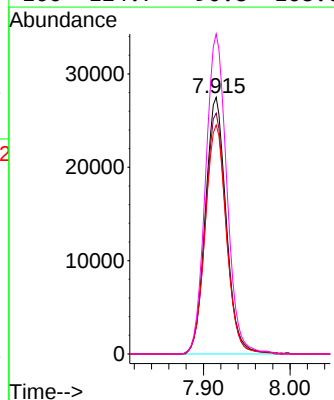
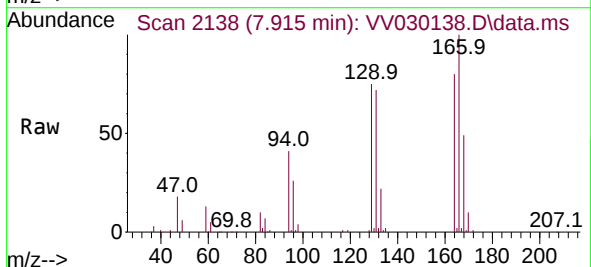
Instrument :
MSVOA_V
ClientSampleId :
DBYL5MS

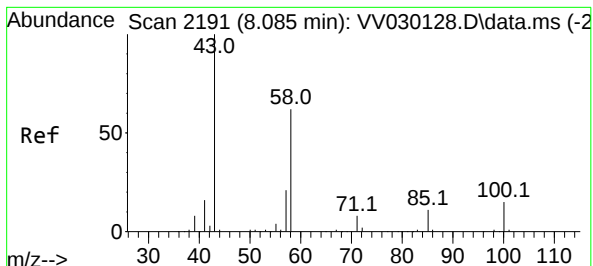
Tgt Ion:	97	Resp:	37176
Ion	Ratio	Lower	Upper
97	100		
99	67.1	42.6	79.2
83	85.6	57.7	107.3
85	54.5	38.9	72.2



#47
Tetrachloroethene
Concen: 5.037 ug/L
RT: 7.915 min Scan# 2138
Delta R.T. 0.003 min
Lab File: VV030138.D
Acq: 03 Mar 2023 14:22

Tgt Ion:	164	Resp:	45948
Ion	Ratio	Lower	Upper
164	100		
129	93.9	63.6	118.2
131	89.3	61.7	114.7
166	124.7	90.8	168.6





#48

2-Hexanone

Concen: 52.999 ug/L

RT: 8.085 min Scan# 2191

Delta R.T. -0.000 min

Lab File: VV030138.D

Acq: 03 Mar 2023 14:22

Instrument :

MSVOA_V

ClientSampleId :

DBYL5MS

Tgt Ion: 43 Resp: 151070

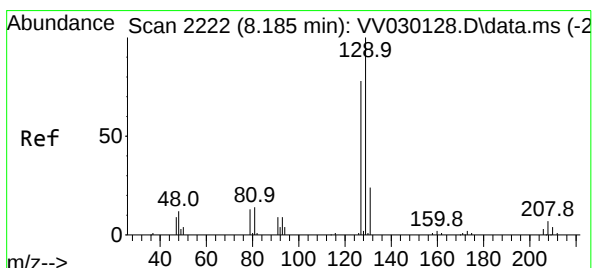
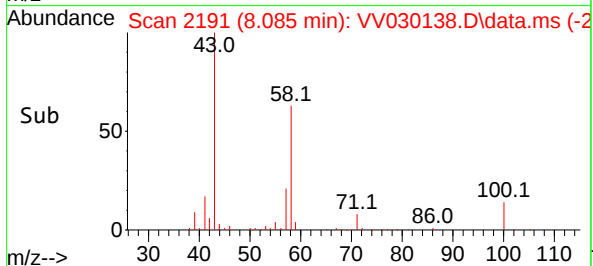
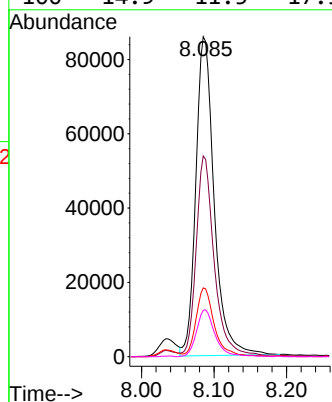
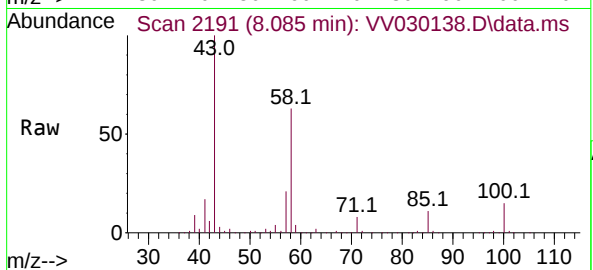
Ion Ratio Lower Upper

43 100

58 61.1 49.8 74.8

57 21.3 16.6 24.8

100 14.9 11.5 17.3



#49

Dibromochloromethane

Concen: 5.545 ug/L

RT: 8.185 min Scan# 2222

Delta R.T. -0.000 min

Lab File: VV030138.D

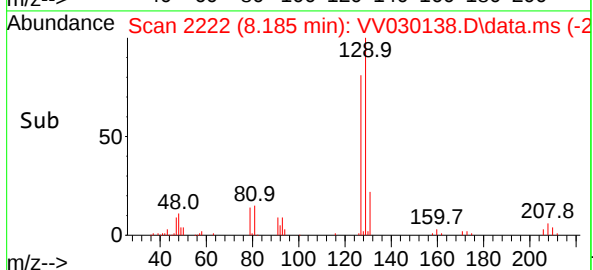
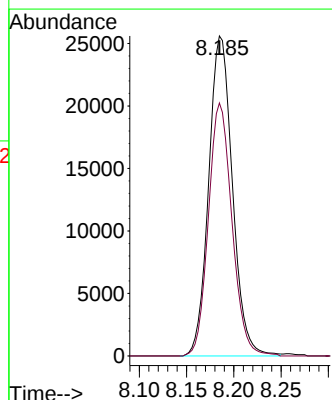
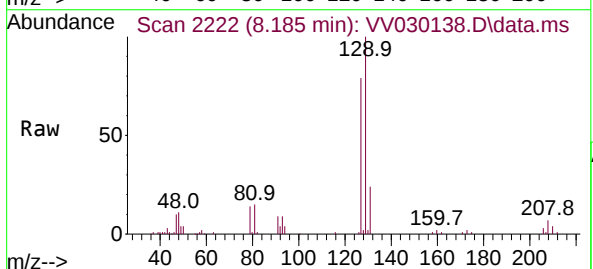
Acq: 03 Mar 2023 14:22

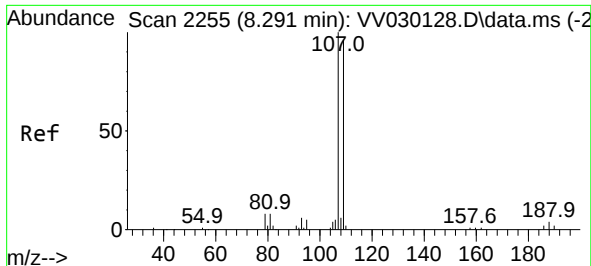
Tgt Ion:129 Resp: 44795

Ion Ratio Lower Upper

129 100

127 79.0 54.7 101.5





#50

1,2-Dibromoethane

Concen: 5.381 ug/L

RT: 8.291 min Scan# 21

Delta R.T. -0.000 min

Lab File: VV030138.D

Acq: 03 Mar 2023 14:22

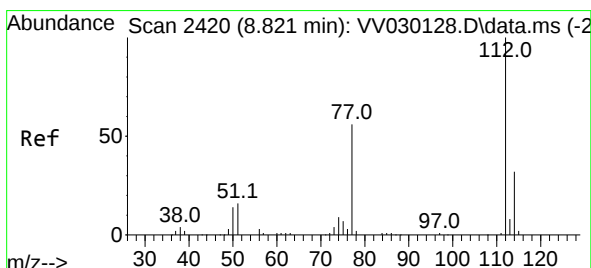
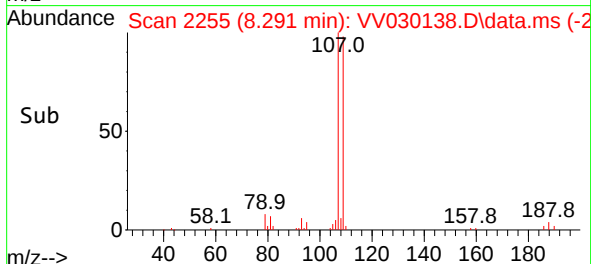
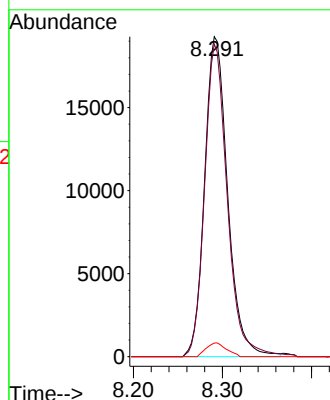
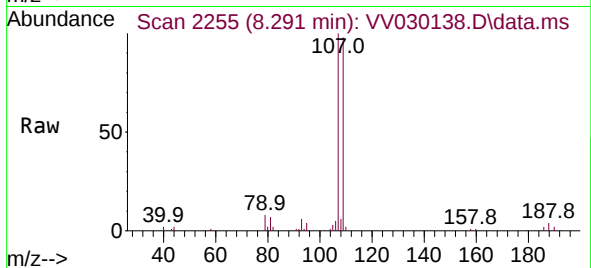
Instrument :

MSVOA_V

ClientSampleId :

DBYL5MS

Tgt Ion:	107	Resp:	34663
Ion	Ratio	Lower	Upper
107	100		
109	97.7	63.3	117.7
188	4.3	3.0	4.6



#51

Chlorobenzene

Concen: 5.131 ug/L

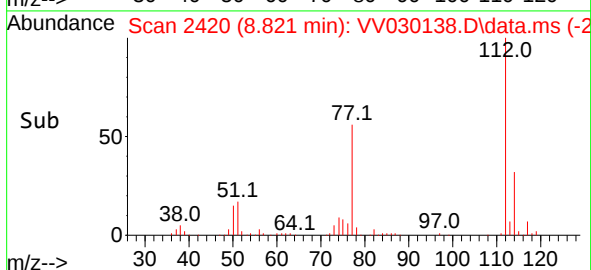
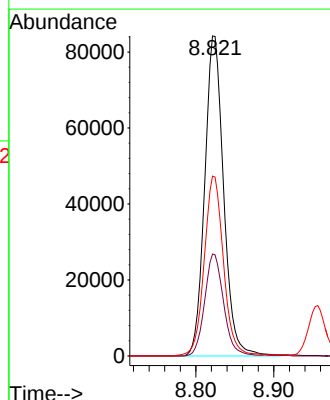
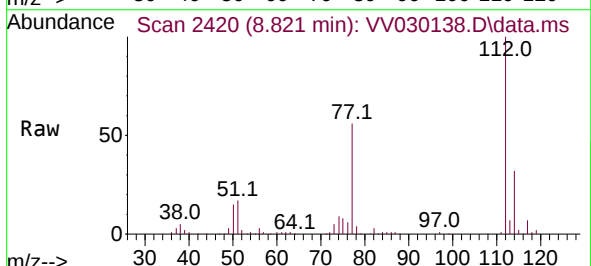
RT: 8.821 min Scan# 2420

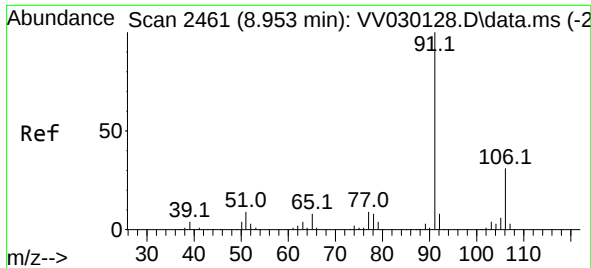
Delta R.T. -0.000 min

Lab File: VV030138.D

Acq: 03 Mar 2023 14:22

Tgt Ion:	112	Resp:	142154
Ion	Ratio	Lower	Upper
112	100		
114	31.8	22.5	41.7
77	56.2	45.3	67.9

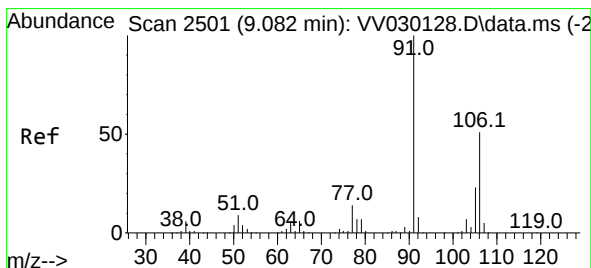
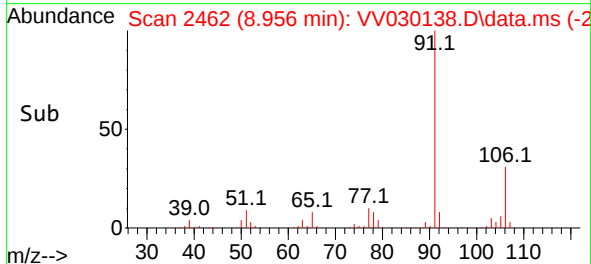
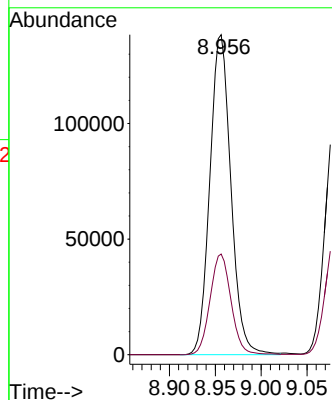
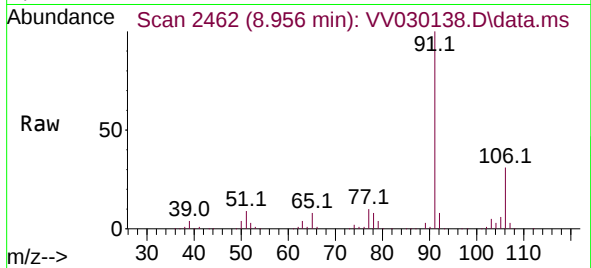




#52
Ethylbenzene
Concen: 4.933 ug/L
RT: 8.956 min Scan# 2461
Delta R.T. 0.003 min
Lab File: VV030138.D
Acq: 03 Mar 2023 14:22

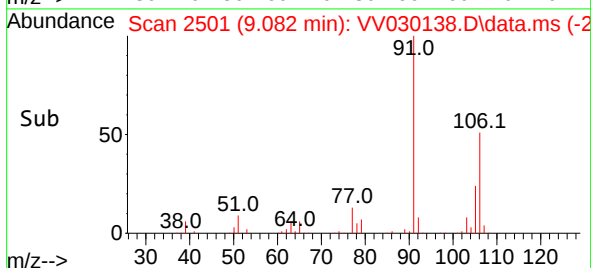
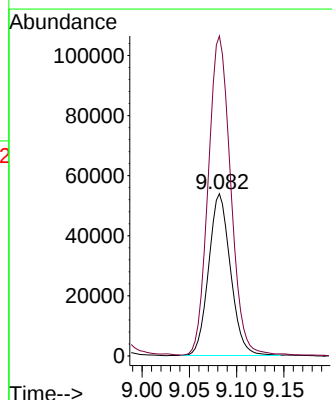
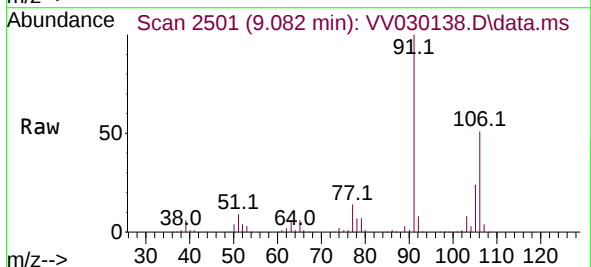
Instrument :
MSVOA_V
ClientSampleId :
DBYL5MS

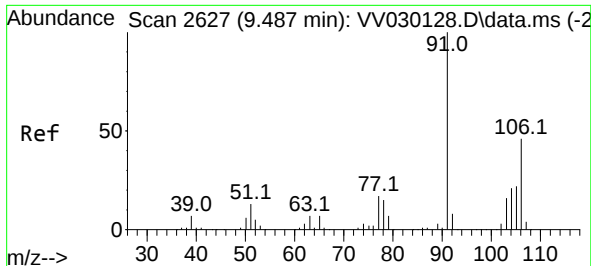
Tgt Ion: 91 Resp: 220536
Ion Ratio Lower Upper
91 100
106 31.5 22.0 40.8



#53
m,p-Xylene
Concen: 5.037 ug/L
RT: 9.082 min Scan# 2501
Delta R.T. -0.000 min
Lab File: VV030138.D
Acq: 03 Mar 2023 14:22

Tgt Ion: 106 Resp: 86546
Ion Ratio Lower Upper
106 100
91 197.2 142.5 264.7

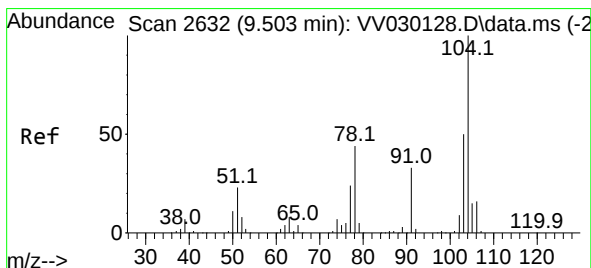
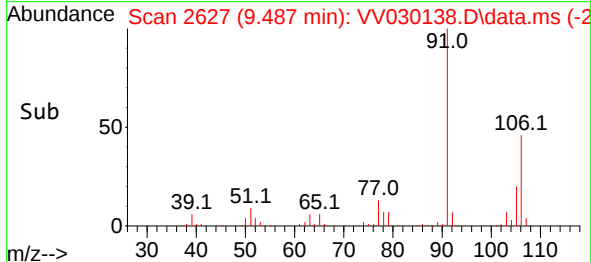
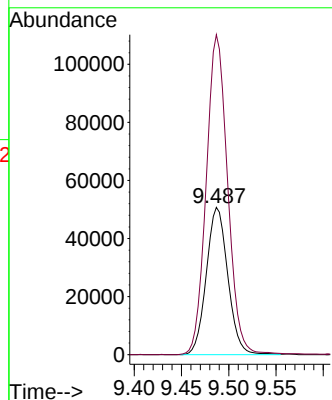
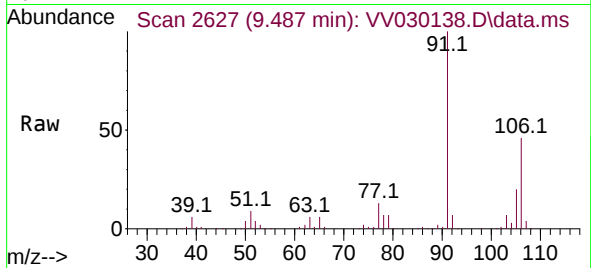




#54
o-Xylene
Concen: 4.901 ug/L
RT: 9.487 min Scan# 2627
Delta R.T. -0.000 min
Lab File: VV030138.D
Acq: 03 Mar 2023 14:22

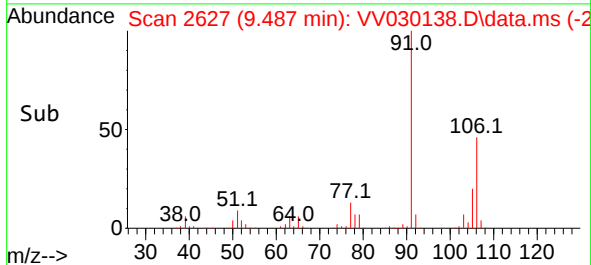
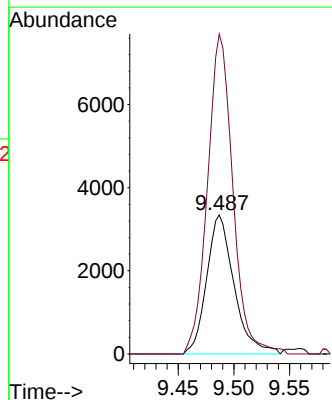
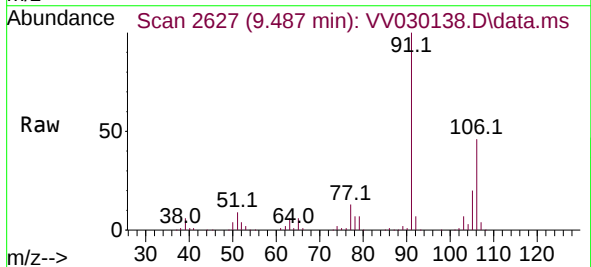
Instrument :
MSVOA_V
ClientSampleId :
DBYL5MS

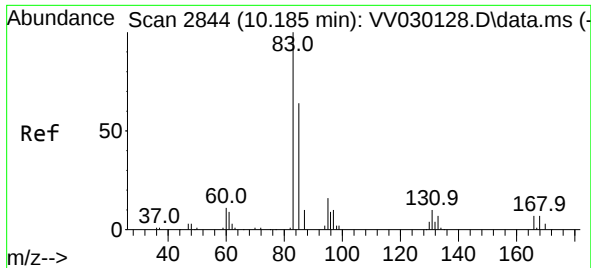
Tgt Ion:106 Resp: 80443
Ion Ratio Lower Upper
106 100
91 217.2 148.8 276.4



#55
Styrene
Concen: 0.209 ug/L
RT: 9.487 min Scan# 2627
Delta R.T. -0.016 min
Lab File: VV030138.D
Acq: 03 Mar 2023 14:22

Tgt Ion:104 Resp: 5714
Ion Ratio Lower Upper
104 100
78 230.2 31.1 57.9#

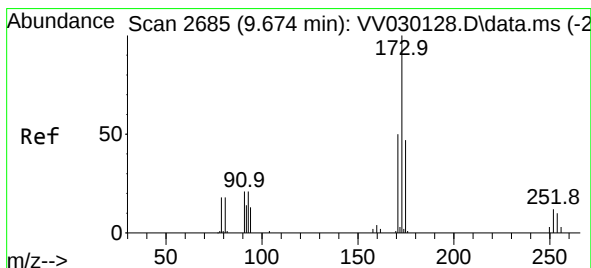
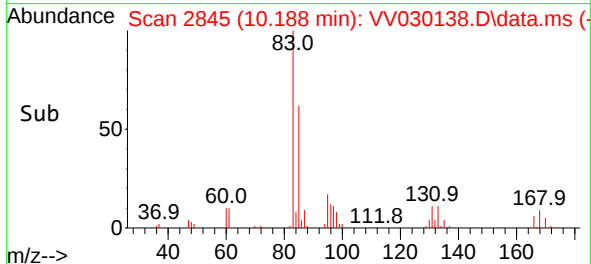
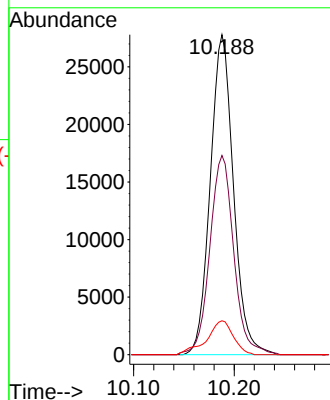
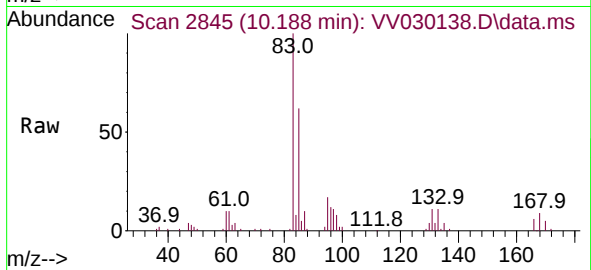




#57
1,1,2,2-Tetrachloroethane
Concen: 5.768 ug/L
RT: 10.188 min Scan# 2844
Delta R.T. 0.003 min
Lab File: VV030138.D
Acq: 03 Mar 2023 14:22

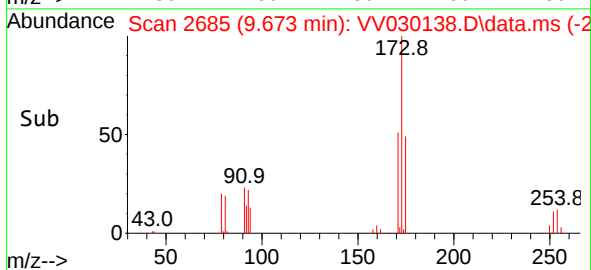
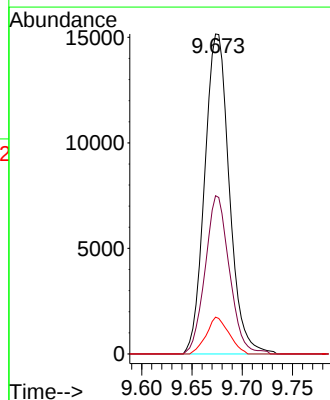
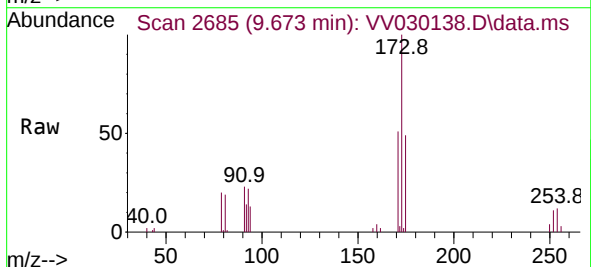
Instrument :
MSVOA_V
ClientSampleId :
DBYL5MS

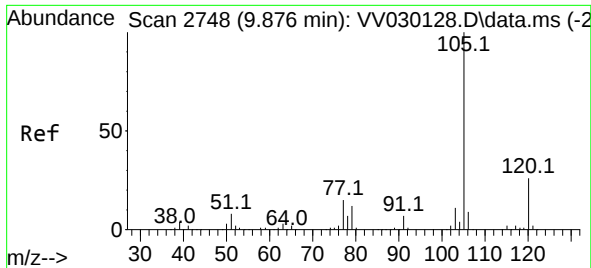
Tgt Ion: 83 Resp: 44546
Ion Ratio Lower Upper
83 100
85 62.2 45.0 83.6
131 10.6 8.2 12.4



#59
Bromoform
Concen: 5.191 ug/L
RT: 9.673 min Scan# 2685
Delta R.T. -0.000 min
Lab File: VV030138.D
Acq: 03 Mar 2023 14:22

Tgt Ion: 173 Resp: 25828
Ion Ratio Lower Upper
173 100
175 48.8 38.5 57.7
254 10.6 8.6 13.0

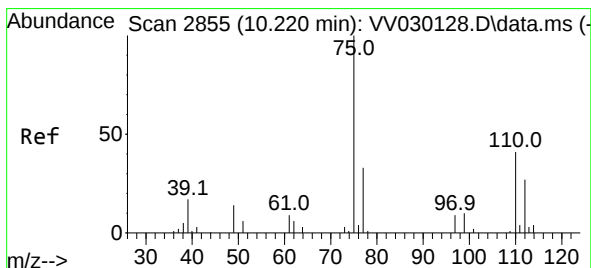
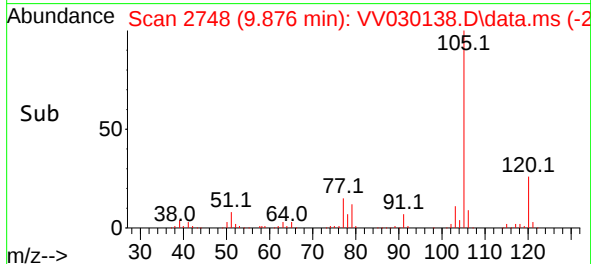
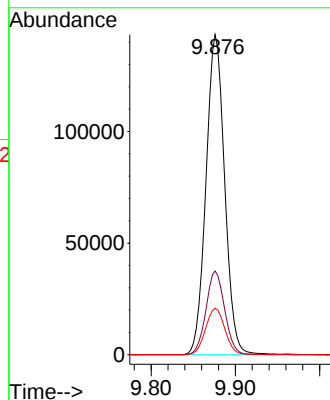
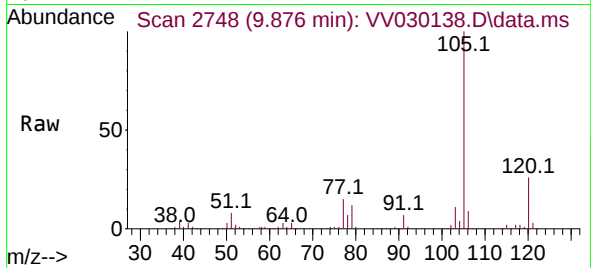




#60
Isopropylbenzene
Concen: 4.632 ug/L
RT: 9.876 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV030138.D
Acq: 03 Mar 2023 14:22

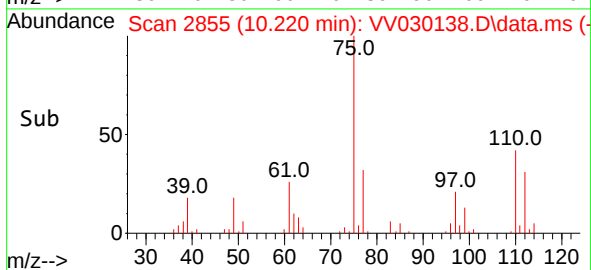
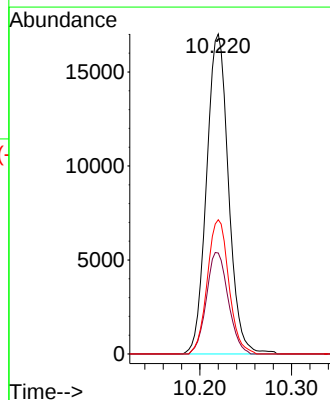
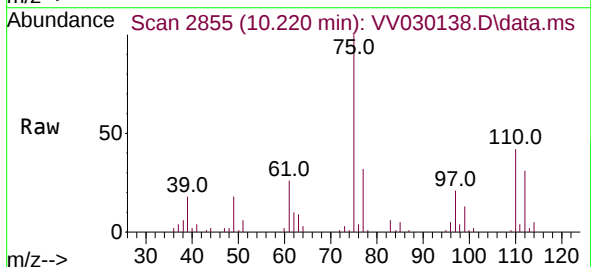
Instrument :
MSVOA_V
ClientSampleId :
DBYL5MS

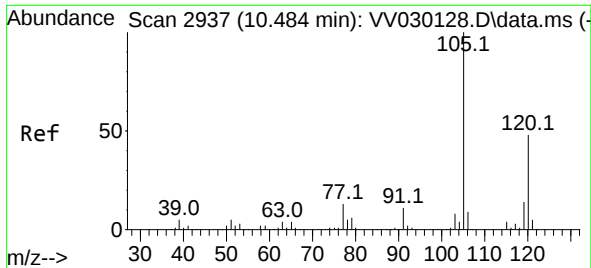
Tgt Ion:105 Resp: 221266
Ion Ratio Lower Upper
105 100
120 26.2 21.4 32.0
77 15.1 12.1 18.1



#61
1,2,3-Trichloropropane
Concen: 5.094 ug/L
RT: 10.220 min Scan# 2855
Delta R.T. -0.000 min
Lab File: VV030138.D
Acq: 03 Mar 2023 14:22

Tgt Ion: 75 Resp: 28303
Ion Ratio Lower Upper
75 100
77 31.5 26.5 39.7
110 41.2 31.8 47.6

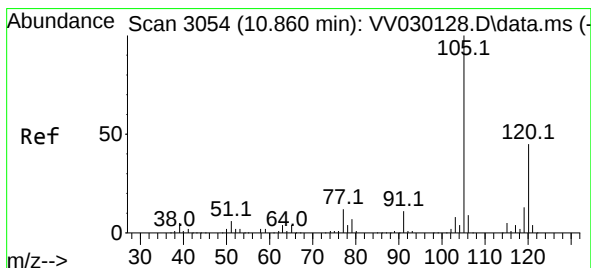
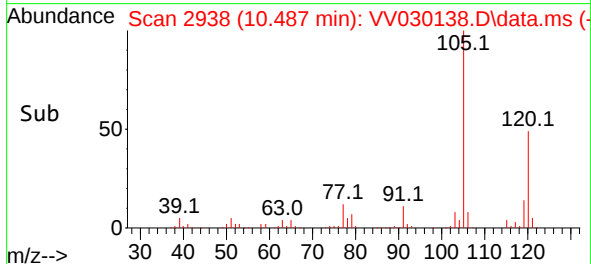
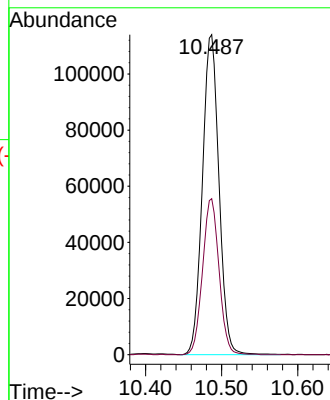
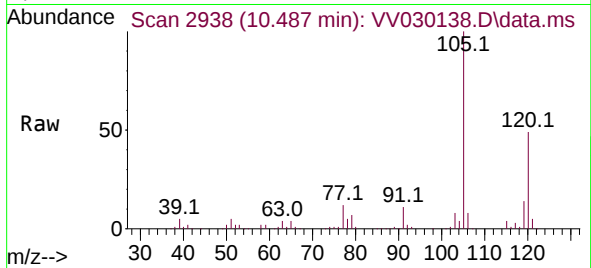




#62
1,3,5-Trimethylbenzene
Concen: 4.396 ug/L
RT: 10.487 min Scan# 2937
Delta R.T. 0.003 min
Lab File: VV030138.D
Acq: 03 Mar 2023 14:22

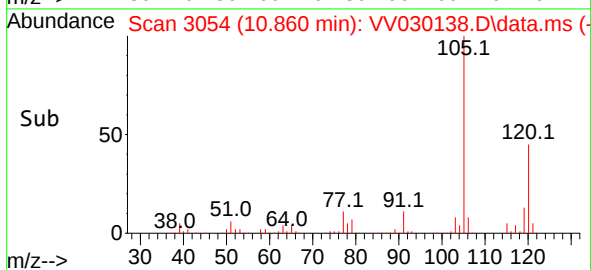
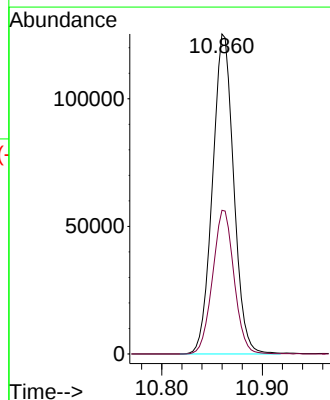
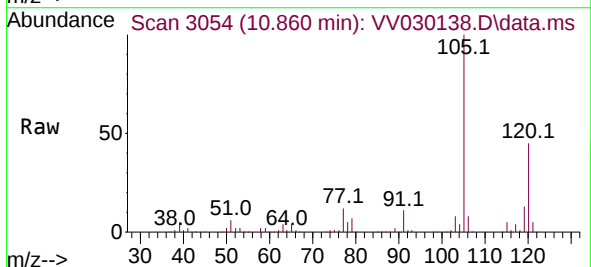
Instrument :
MSVOA_V
ClientSampleId :
DBYL5MS

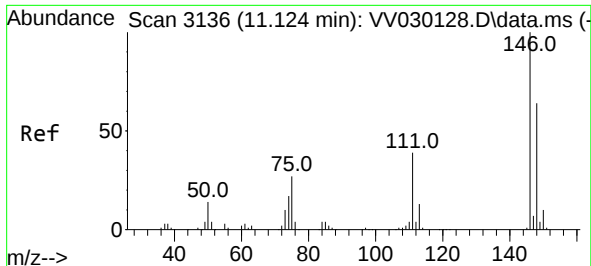
Tgt Ion:105 Resp: 172503
Ion Ratio Lower Upper
105 100
120 48.4 39.6 59.4



#63
1,2,4-Trimethylbenzene
Concen: 4.578 ug/L
RT: 10.860 min Scan# 3054
Delta R.T. -0.000 min
Lab File: VV030138.D
Acq: 03 Mar 2023 14:22

Tgt Ion:105 Resp: 183748
Ion Ratio Lower Upper
105 100
120 45.4 36.2 54.4

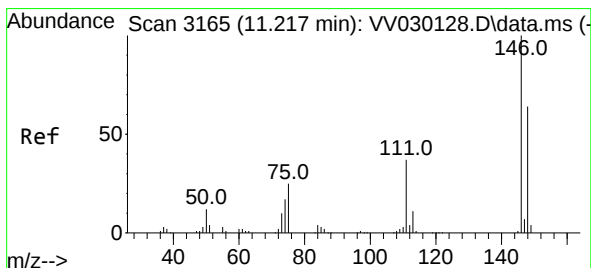
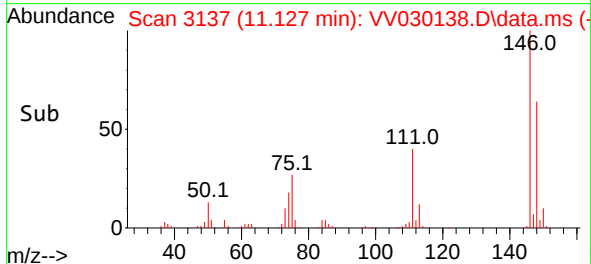
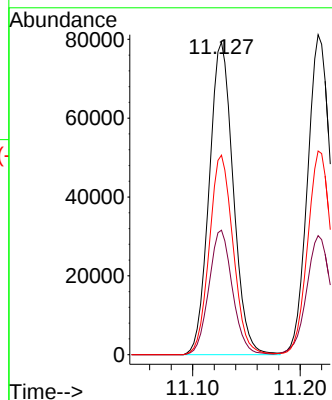
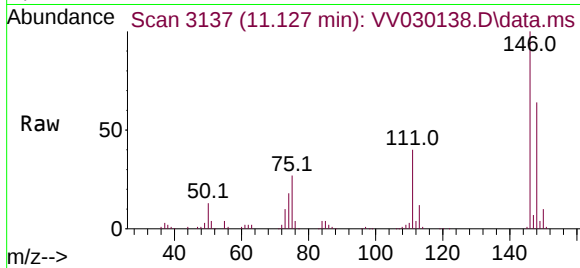




#64
1,3-Dichlorobenzene
Concen: 4.953 ug/L
RT: 11.127 min Scan# 3137
Delta R.T. 0.003 min
Lab File: VV030138.D
Acq: 03 Mar 2023 14:22

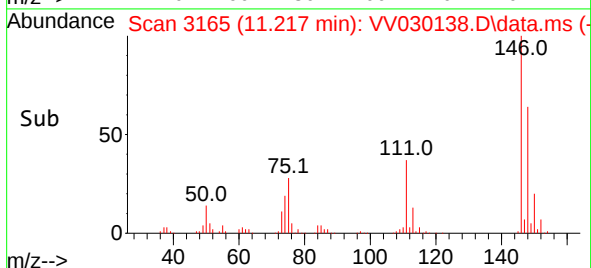
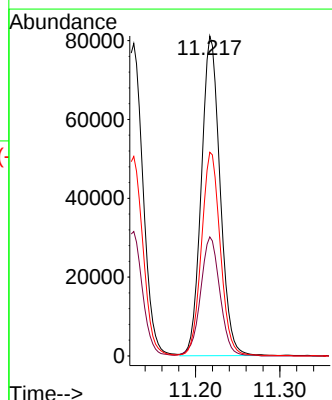
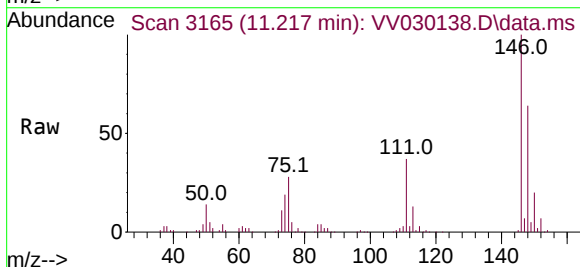
Instrument :
MSVOA_V
ClientSampleId :
DBYL5MS

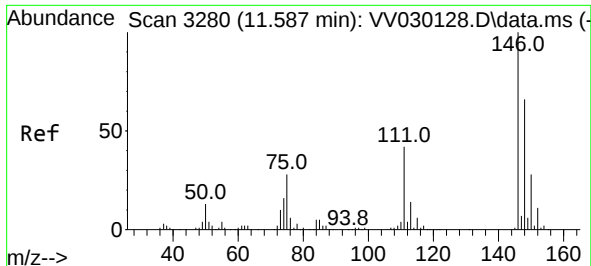
Tgt Ion:146 Resp: 123192
Ion Ratio Lower Upper
146 100
111 39.8 27.7 51.5
148 63.9 44.5 82.7



#65
1,4-Dichlorobenzene
Concen: 5.006 ug/L
RT: 11.217 min Scan# 3165
Delta R.T. -0.000 min
Lab File: VV030138.D
Acq: 03 Mar 2023 14:22

Tgt Ion:146 Resp: 125614
Ion Ratio Lower Upper
146 100
111 37.2 27.4 51.0
148 63.7 44.1 81.9





#67

1,2-Dichlorobenzene

Concen: 5.080 ug/L

RT: 11.590 min Scan# 31

Delta R.T. 0.003 min

Lab File: VV030138.D

Acq: 03 Mar 2023 14:22

Instrument :

MSVOA_V

ClientSampleId :

DBYL5MS

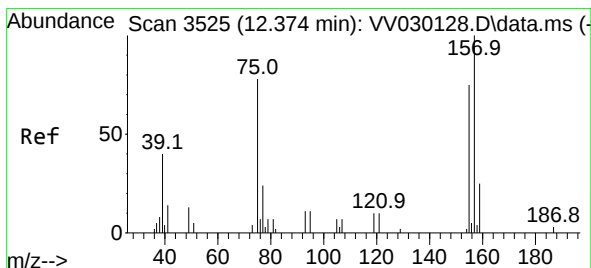
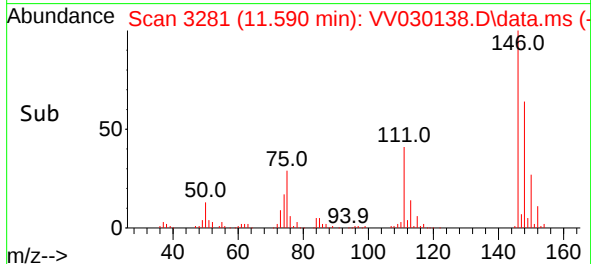
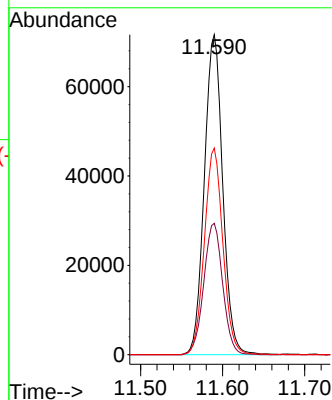
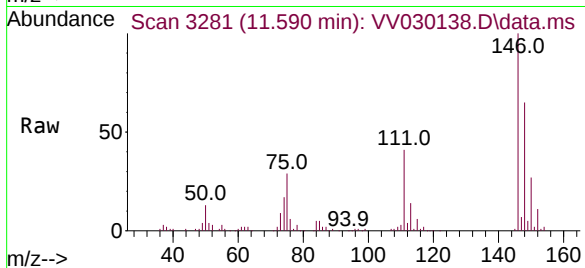
Tgt Ion:146 Resp: 111573

Ion Ratio Lower Upper

146 100

111 41.1 33.5 50.3

148 64.6 51.3 76.9



#68

1,2-Dibromo-3-chloropropane

Concen: 5.165 ug/L

RT: 12.374 min Scan# 3525

Delta R.T. -0.000 min

Lab File: VV030138.D

Acq: 03 Mar 2023 14:22

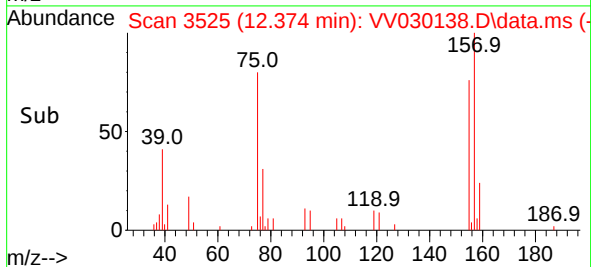
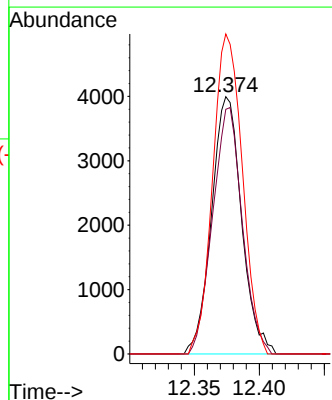
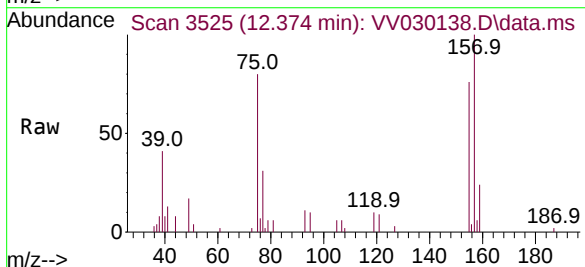
Tgt Ion: 75 Resp: 6409

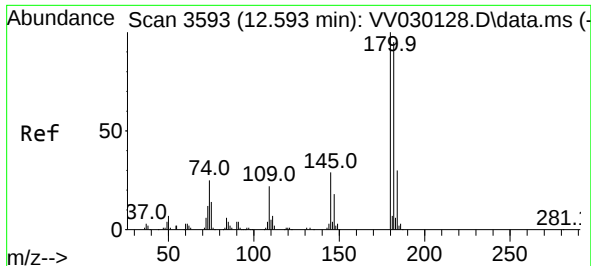
Ion Ratio Lower Upper

75 100

155 95.1 79.1 118.7

157 124.4 95.5 143.3

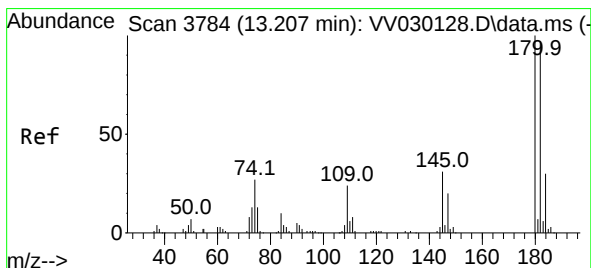
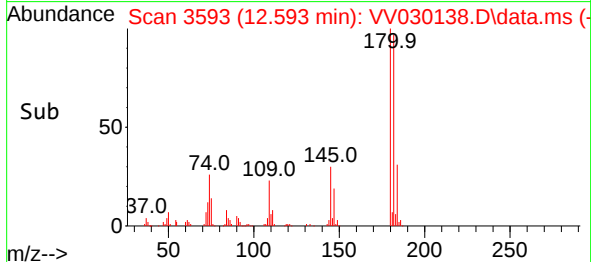
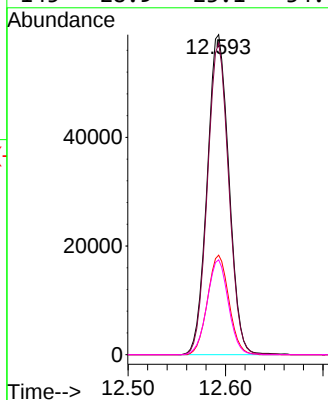
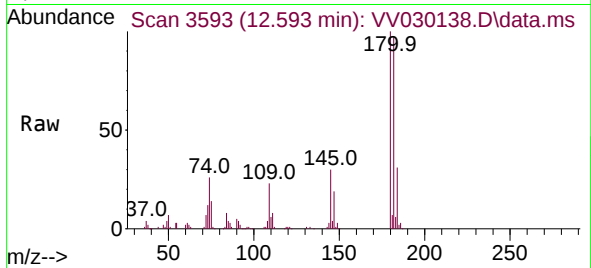




#69
1,3,5-Trichlorobenzene
Concen: 4.477 ug/L
RT: 12.593 min Scan# 3593
Delta R.T. -0.000 min
Lab File: VV030138.D
Acq: 03 Mar 2023 14:22

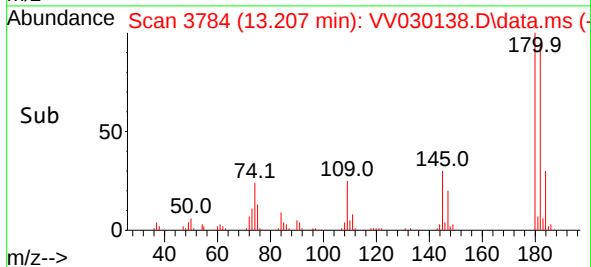
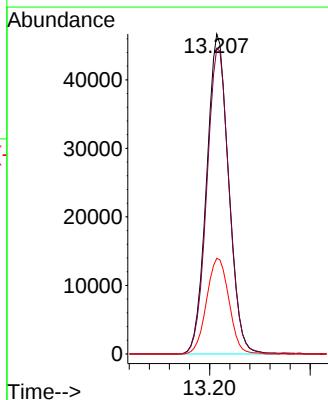
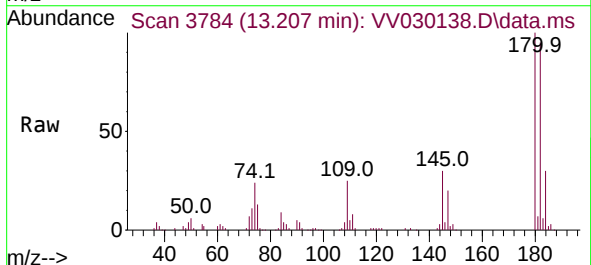
Instrument :
MSVOA_V
ClientSampleId :
DBYL5MS

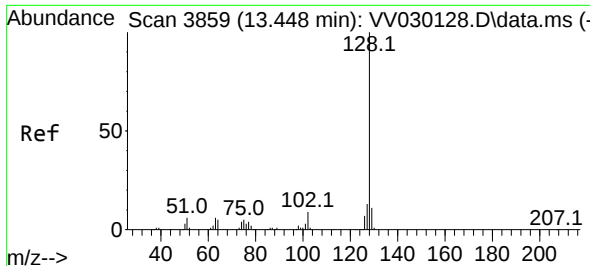
Tgt Ion:180	Resp:	91544
Ion Ratio	Lower	Upper
180	100	
182	95.5	76.5 114.7
184	30.5	24.3 36.5
145	28.9	23.1 34.7



#70
1,2,4-trichlorobenzene
Concen: 4.288 ug/L
RT: 13.207 min Scan# 3784
Delta R.T. -0.000 min
Lab File: VV030138.D
Acq: 03 Mar 2023 14:22

Tgt Ion:180	Resp:	71023
Ion Ratio	Lower	Upper
180	100	
182	96.3	77.3 115.9
145	30.4	23.1 34.7

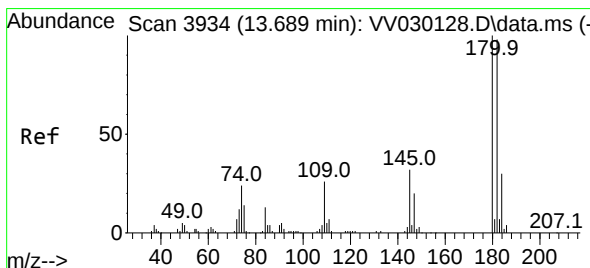
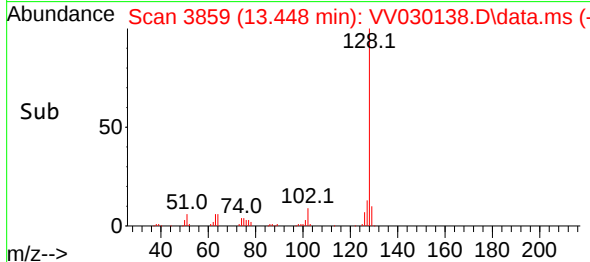
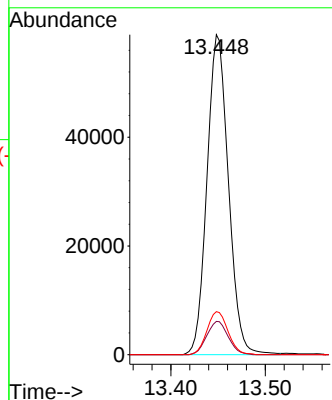
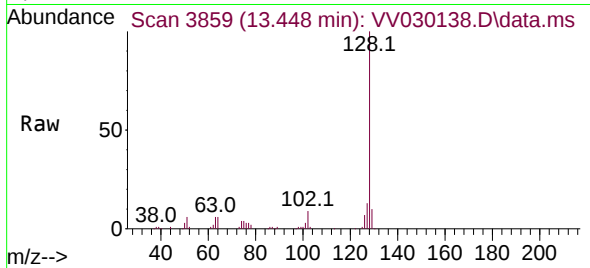




#71
Naphthalene
Concen: 4.288 ug/L
RT: 13.448 min Scan# 3859
Delta R.T. -0.000 min
Lab File: VV030138.D
Acq: 03 Mar 2023 14:22

Instrument :
MSVOA_V
ClientSampleId :
DBYL5MS

Tgt Ion:128	Resp:	92812
Ion Ratio	Lower	Upper
128	100	
129	10.4	8.6 13.0
127	13.2	10.4 15.6



#72
1,2,3-Trichlorobenzene
Concen: 4.578 ug/L
RT: 13.693 min Scan# 3935
Delta R.T. 0.003 min
Lab File: VV030138.D
Acq: 03 Mar 2023 14:22

Tgt Ion:180	Resp:	62427
Ion Ratio	Lower	Upper
180	100	
182	95.3	76.2 114.2
145	31.8	25.1 37.7

