

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW042823\
 Data File : VW030917.D
 Acq On : 28 Apr 2023 13:13
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005336

Quant Time: Apr 29 01:01:46 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR042823WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Apr 29 00:55:56 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.545	114	141272	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	137032	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	81148	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	59800	5.138	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	102.800%
7) Chloroethane-d5	1.536	69	49621	5.226	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	104.600%
11) 1,1-Dichloroethene-d2	2.063	65	30951	5.025	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	100.400%
20) 2-Butanone-d5	3.831	46	123916	60.037	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	120.080%
24) Chloroform-d	4.262	84	118278	5.113	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.200%
26) 1,2-Dichloroethane-d4	4.957	65	63599	5.408	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	108.200%
32) Benzene-d6	4.973	84	215779	5.372	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.400%
36) 1,2-Dichloropropane-d6	5.998	67	59259	5.074	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.400%
41) Toluene-d8	7.252	98	206766	5.406	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	108.200%
43) trans-1,3-Dichloroprop...	7.561	79	25518	5.828	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	116.600%
46) 2-Hexanone-d5	8.037	63	95543	62.286	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	124.580%
56) 1,1,2,2-Tetrachloroeth...	10.162	84	47155	5.570	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	111.400%
66) 1,2-Dichlorobenzene-d4	11.567	152	78053	5.160	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.200%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.108	85	54583	4.891	ug/L	100
3) Chloromethane	1.217	50	61604	4.704	ug/L	99
5) Vinyl chloride	1.285	62	54090	4.934	ug/L	99
6) Bromomethane	1.491	94	24175	4.630	ug/L	95
8) Chloroethane	1.555	64	32524	4.875	ug/L	99
9) Trichlorofluoromethane	1.719	101	97060	4.799	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.072	101	50281	4.870	ug/L	99
12) 1,1-Dichloroethene	2.072	96	46488	4.890	ug/L	91
13) Acetone	2.159	43	83587	47.410	ug/L	81
14) Carbon disulfide	2.246	76	122414	4.921	ug/L	99
15) Methyl Acetate	2.394	43	15358	4.282	ug/L #	84
16) Methylene chloride	2.455	84	46324	4.307	ug/L	98
17) Methyl tert-butyl Ether	2.716	73	99614	5.504	ug/L	97
18) trans-1,2-Dichloroethene	2.703	96	43003	4.952	ug/L	96
19) 1,1-Dichloroethane	3.121	63	82161	4.900	ug/L	99
21) 2-Butanone	3.918	43	102169	52.692	ug/L	94
22) cis-1,2-Dichloroethene	3.828	96	45290	4.943	ug/L	94
23) Bromochloromethane	4.162	128	20940	4.854	ug/L	96
25) Chloroform	4.288	83	88138	4.899	ug/L	94

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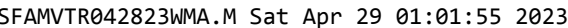
Instrument :
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 ClientSampleId :
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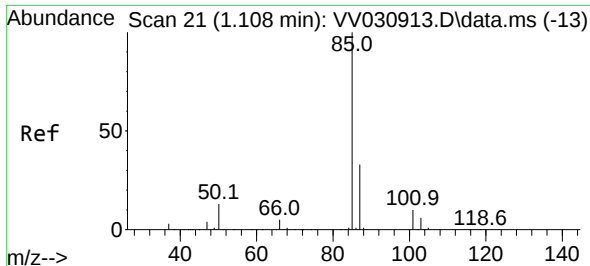
Quant Time: Apr 29 01:01:46 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR042823WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Apr 29 00:55:56 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.053	62	57892	5.127	ug/L	99
29) 1,1,1-Trichloroethane	4.523	97	85410	4.960	ug/L	99
30) Cyclohexane	4.593	56	67849	5.217	ug/L	95
31) Carbon tetrachloride	4.744	117	78025	5.045	ug/L	98
33) Benzene	5.021	78	177974	5.163	ug/L	100
34) Trichloroethene	5.844	95	47494	5.169	ug/L	97
35) Methylcyclohexane	6.059	83	71625	5.030	ug/L	100
37) 1,2-Dichloropropane	6.101	63	40377	4.939	ug/L #	95
38) Bromodichloromethane	6.442	83	61319	5.124	ug/L	98
39) cis-1,3-Dichloropropene	6.963	75	65327	5.335	ug/L	97
40) 4-Methyl-2-pentanone	7.172	43	254695	60.124	ug/L	100
42) Toluene	7.323	91	196277	5.289	ug/L	98
44) trans-1,3-Dichloropropene	7.593	75	55741	5.342	ug/L	97
45) 1,1,2-Trichloroethane	7.780	97	31594	5.208	ug/L	98
47) Tetrachloroethene	7.915	164	43561	4.970	ug/L	95
48) 2-Hexanone	8.088	43	193597	59.585	ug/L	98
49) Dibromochloromethane	8.185	129	39286	5.148	ug/L	100
50) 1,2-Dibromoethane	8.291	107	29717	5.492	ug/L	99
51) Chlorobenzene	8.821	112	127631	5.073	ug/L	98
52) Ethylbenzene	8.953	91	206394	5.101	ug/L	97
53) m,p-Xylene	9.079	106	80644	4.995	ug/L	96
54) o-Xylene	9.487	106	78587	5.114	ug/L	99
55) Styrene	9.503	104	135205	5.215	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.185	83	37146	5.478	ug/L	97
59) Bromoform	9.673	173	24564	5.143	ug/L	96
60) Isopropylbenzene	9.876	105	215381	4.923	ug/L	98
61) 1,2,3-Trichloropropane	10.217	75	25631	5.028	ug/L	98
62) 1,3,5-Trimethylbenzene	10.484	105	172382	4.840	ug/L	98
63) 1,2,4-Trimethylbenzene	10.860	105	174283	4.829	ug/L	99
64) 1,3-Dichlorobenzene	11.124	146	112925	5.026	ug/L	99
65) 1,4-Dichlorobenzene	11.217	146	114119	5.034	ug/L	99
67) 1,2-Dichlorobenzene	11.587	146	101089	5.003	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.374	75	5739	4.435	ug/L #	85
69) 1,3,5-Trichlorobenzene	12.590	180	88422	4.970	ug/L	99
70) 1,2,4-trichlorobenzene	13.207	180	71753	5.248	ug/L	99
71) Naphthalene	13.445	128	101311	5.168	ug/L	100
72) 1,2,3-Trichlorobenzene	13.689	180	62838	5.430	ug/L	99

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

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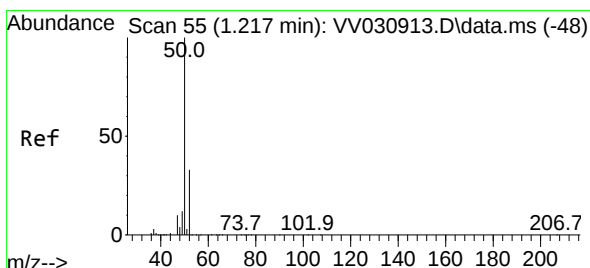
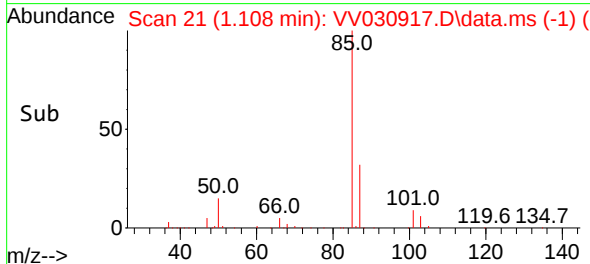
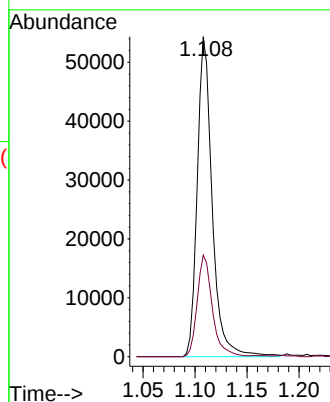
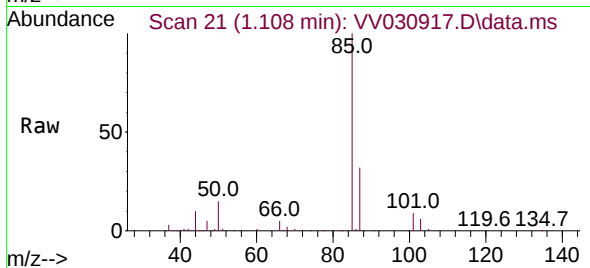




#2
 Dichlorodifluoromethane
 Concen: 4.891 ug/L
 RT: 1.108 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VV030917.D
 Acq: 28 Apr 2023 13:13

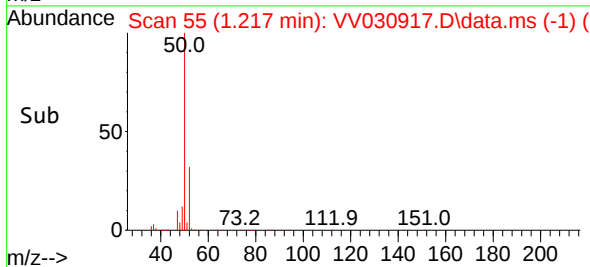
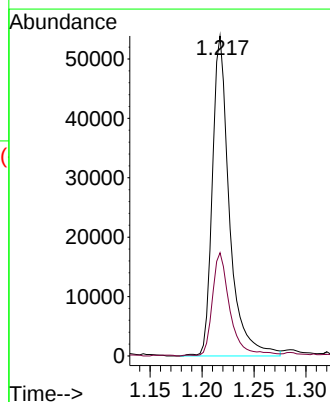
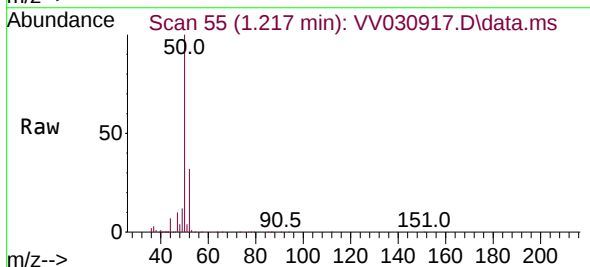
Instrument :
 MSVOA_V
 ClientSampleId :
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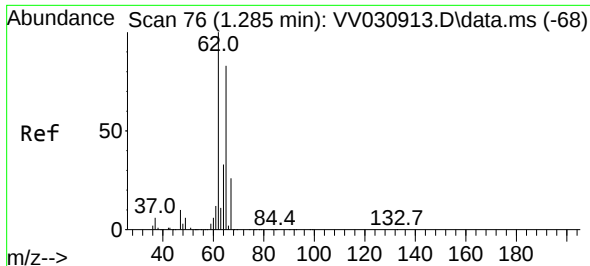
Tgt Ion: 85 Resp: 54583
 Ion Ratio Lower Upper
 85 100
 87 32.0 25.8 38.6



#3
 Chloromethane
 Concen: 4.704 ug/L
 RT: 1.217 min Scan# 55
 Delta R.T. -0.000 min
 Lab File: VV030917.D
 Acq: 28 Apr 2023 13:13

Tgt Ion: 50 Resp: 61604
 Ion Ratio Lower Upper
 50 100
 52 32.3 22.8 42.4

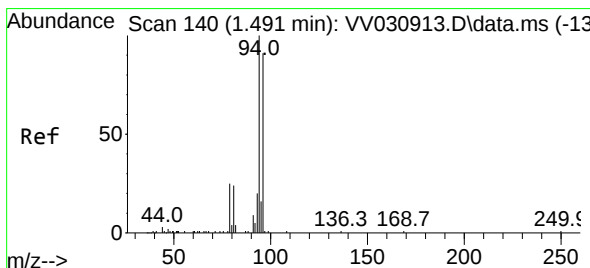
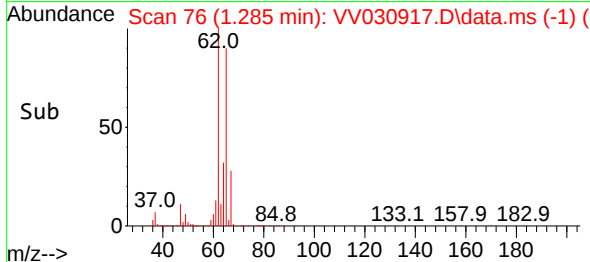
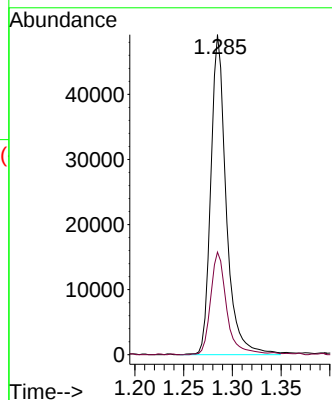
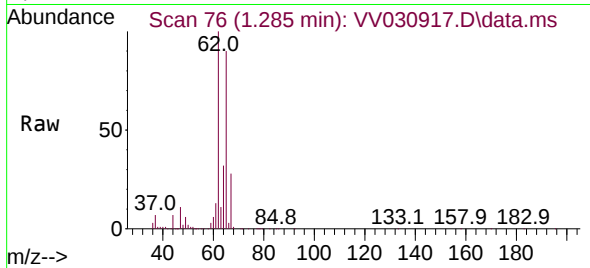




#5
 Vinyl chloride
 Concen: 4.934 ug/L
 RT: 1.285 min Scan# 76
 Delta R.T. -0.000 min
 Lab File: VV030917.D
 Acq: 28 Apr 2023 13:13

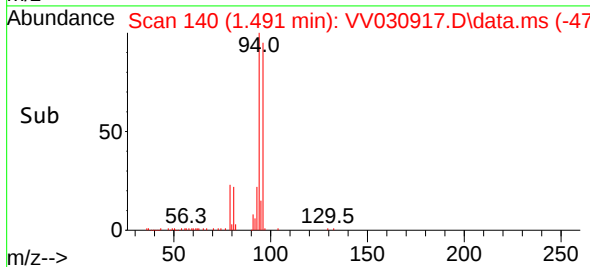
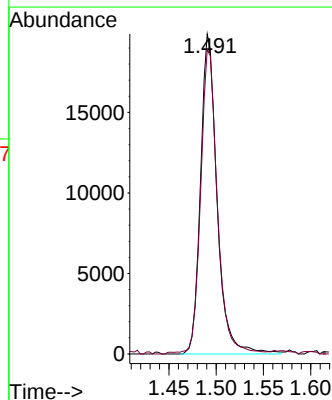
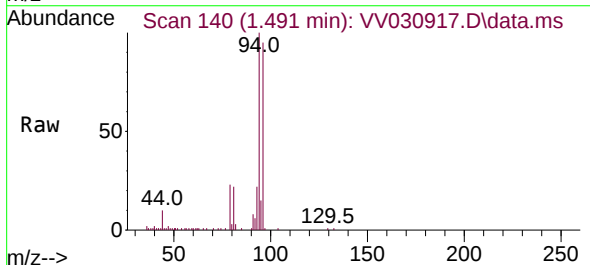
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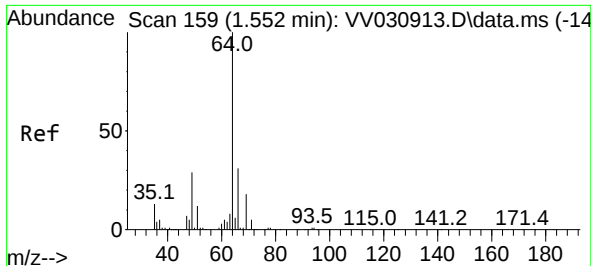
Tgt Ion: 62 Resp: 54090
 Ion Ratio Lower Upper
 62 100
 64 32.0 22.8 42.4



#6
 Bromomethane
 Concen: 4.630 ug/L
 RT: 1.491 min Scan# 140
 Delta R.T. -0.000 min
 Lab File: VV030917.D
 Acq: 28 Apr 2023 13:13

Tgt Ion: 94 Resp: 24175
 Ion Ratio Lower Upper
 94 100
 96 95.1 63.4 117.8

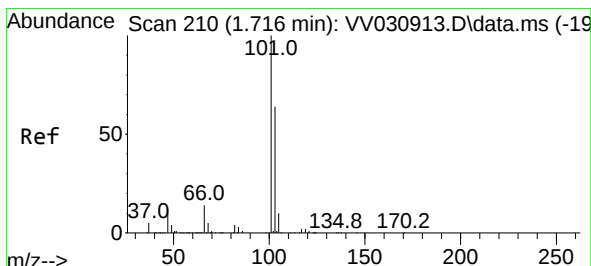
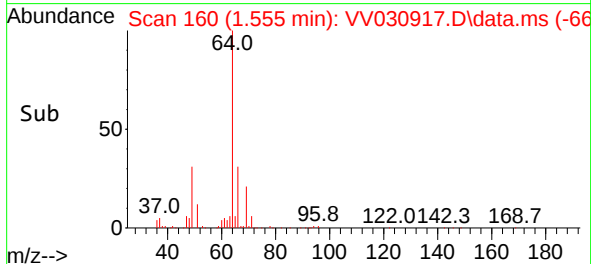
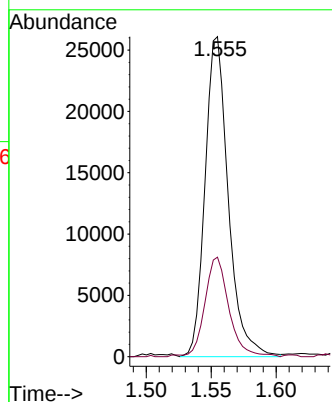
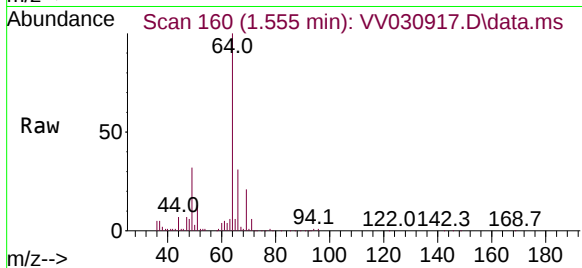




#8
Chloroethane
Concen: 4.875 ug/L
RT: 1.555 min Scan# 1
Delta R.T. 0.003 min
Lab File: VV030917.D
Acq: 28 Apr 2023 13:13

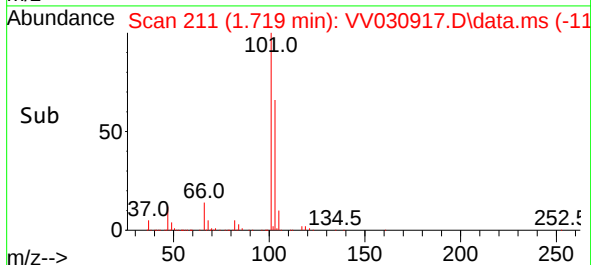
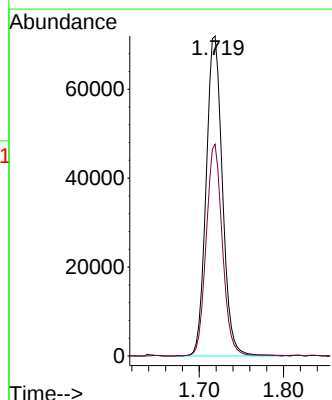
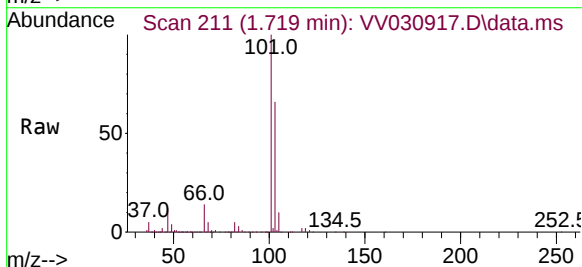
Instrument :
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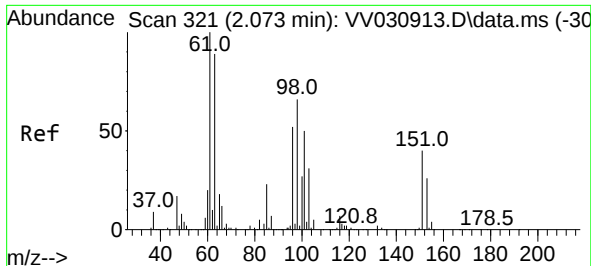
Tgt Ion: 64 Resp: 32524
Ion Ratio Lower Upper
64 100
66 31.1 22.1 41.1



#9
Trichlorofluoromethane
Concen: 4.799 ug/L
RT: 1.719 min Scan# 211
Delta R.T. 0.003 min
Lab File: VV030917.D
Acq: 28 Apr 2023 13:13

Tgt Ion: 101 Resp: 97060
Ion Ratio Lower Upper
101 100
103 66.0 51.8 77.8





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 4.870 ug/L

RT: 2.072 min Scan# 321

Delta R.T. -0.000 min

Lab File: VV030917.D

Acq: 28 Apr 2023 13:13

Instrument :

MSVOA_V

ClientSampleId :

VSTD005336

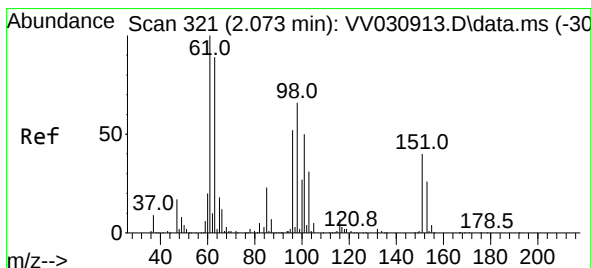
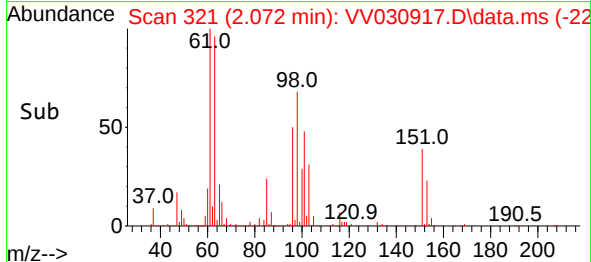
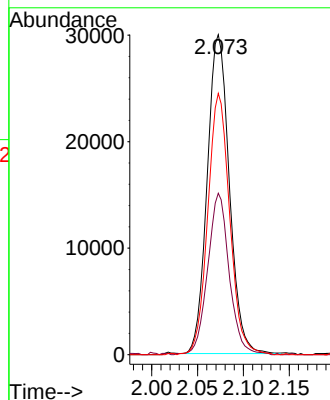
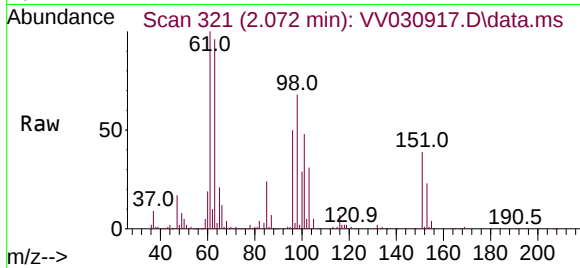
Tgt Ion:101 Resp: 50281

Ion Ratio Lower Upper

101 100

85 49.3 38.7 58.1

151 81.3 65.1 97.7



#12

1,1-Dichloroethene

Concen: 4.890 ug/L

RT: 2.072 min Scan# 321

Delta R.T. -0.000 min

Lab File: VV030917.D

Acq: 28 Apr 2023 13:13

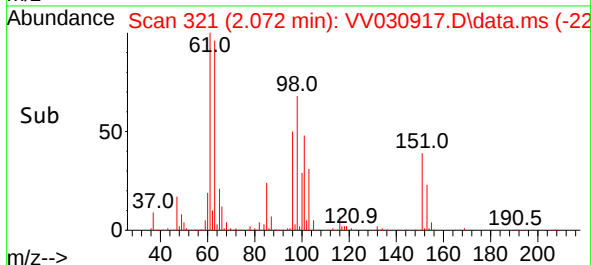
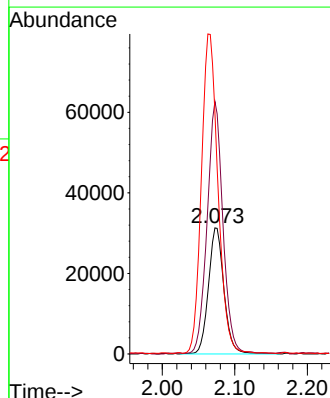
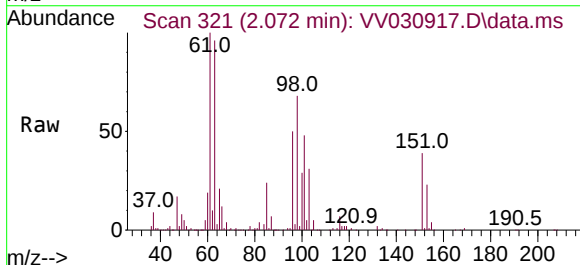
Tgt Ion: 96 Resp: 46488

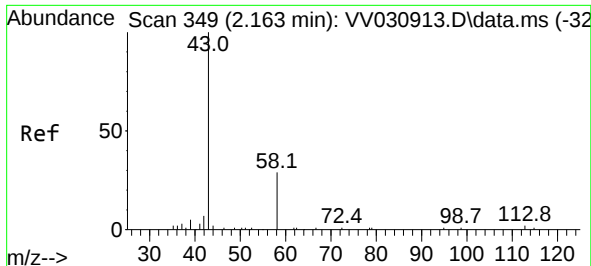
Ion Ratio Lower Upper

96 100

61 200.2 135.6 251.8

63 191.5 121.1 224.9





#13

Acetone

Concen: 47.410 ug/L

RT: 2.159 min Scan# 34

Delta R.T. -0.003 min

Lab File: VV030917.D

Acq: 28 Apr 2023 13:13

Instrument :

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ClientSampleId :

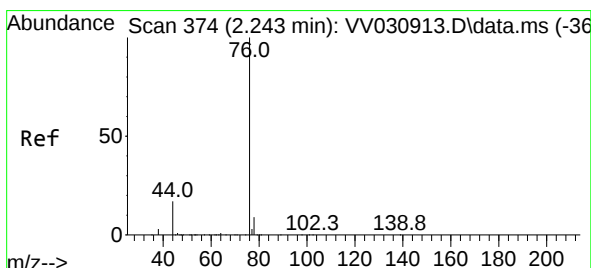
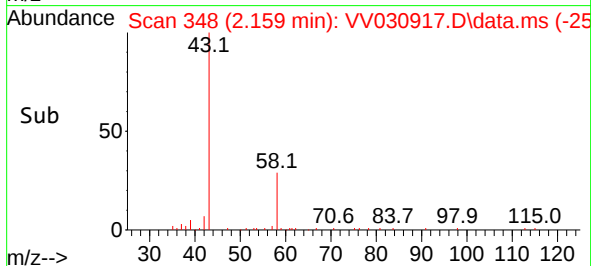
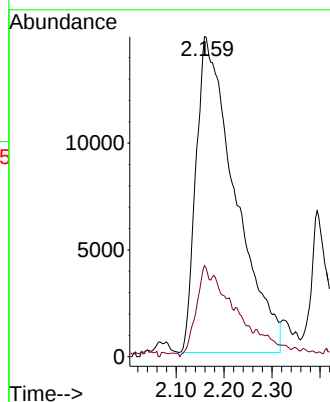
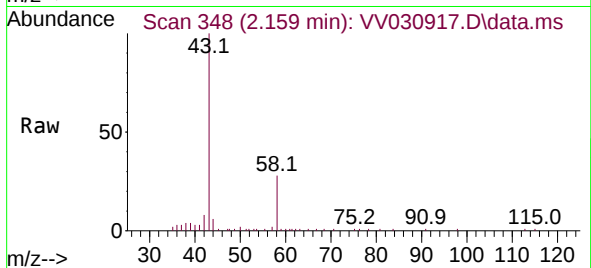
VSTD005336

Tgt Ion: 43 Resp: 83587

Ion Ratio Lower Upper

43 100

58 10.2 0.0 37.0



#14

Carbon disulfide

Concen: 4.921 ug/L

RT: 2.246 min Scan# 375

Delta R.T. 0.003 min

Lab File: VV030917.D

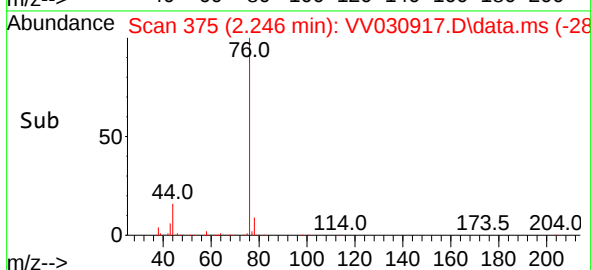
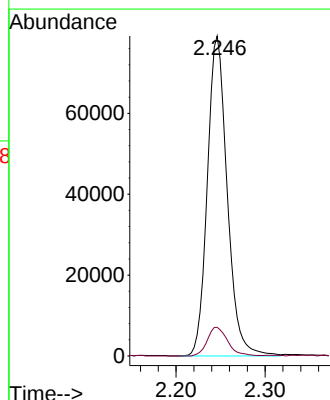
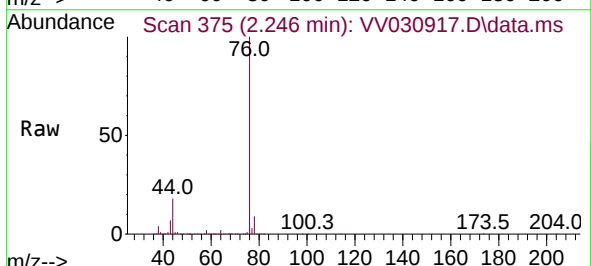
Acq: 28 Apr 2023 13:13

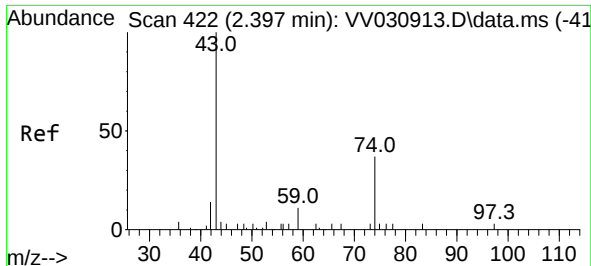
Tgt Ion: 76 Resp: 122414

Ion Ratio Lower Upper

76 100

78 9.0 6.8 10.2

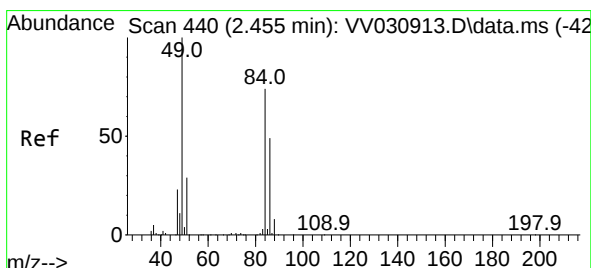
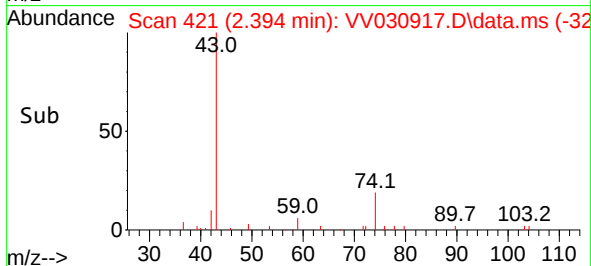
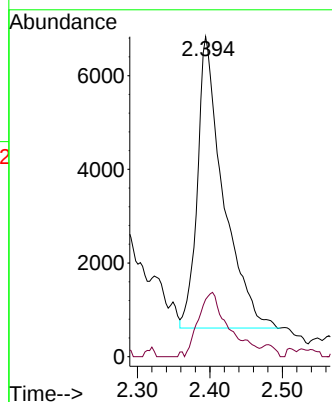
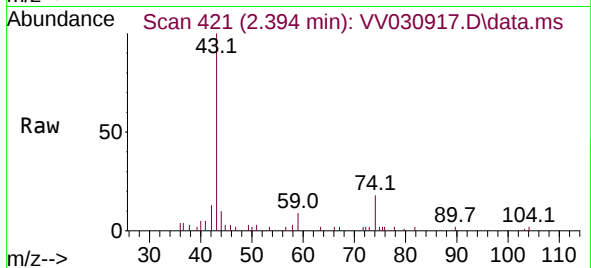




#15
Methyl Acetate
Concen: 4.282 ug/L
RT: 2.394 min Scan# 41
Delta R.T. -0.003 min
Lab File: VV030917.D
Acq: 28 Apr 2023 13:13

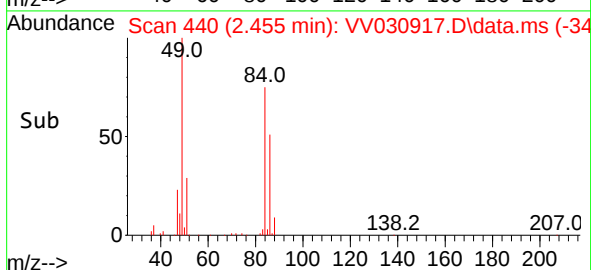
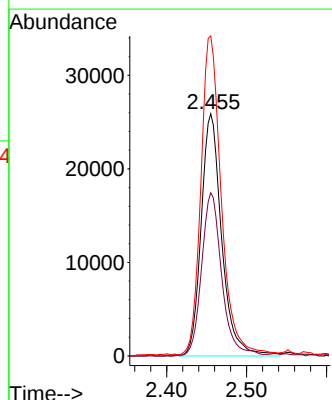
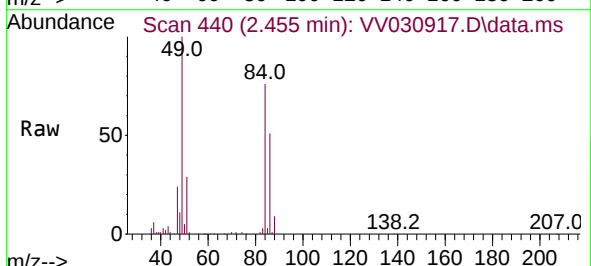
Instrument :
MSVOA_V
ClientSampleId :
VSTD005336

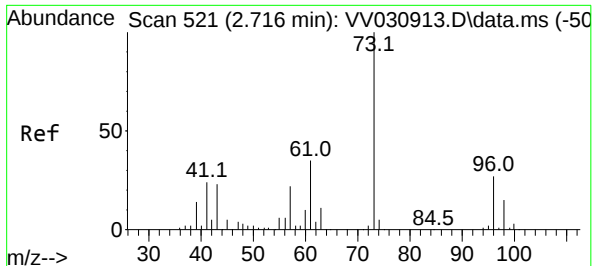
Tgt Ion: 43 Resp: 15358
Ion Ratio Lower Upper
43 100
74 25.9 15.0 22.6#



#16
Methylene chloride
Concen: 4.307 ug/L
RT: 2.455 min Scan# 440
Delta R.T. -0.000 min
Lab File: VV030917.D
Acq: 28 Apr 2023 13:13

Tgt Ion: 84 Resp: 46324
Ion Ratio Lower Upper
84 100
86 67.4 46.1 85.5
49 132.1 94.3 175.1





#17

Methyl tert-butyl Ether

Concen: 5.504 ug/L

RT: 2.716 min Scan# 517

Delta R.T. -0.000 min

Lab File: VV030917.D

Acq: 28 Apr 2023 13:13

Instrument :

MSVOA_V

ClientSampleId :

VSTD005336

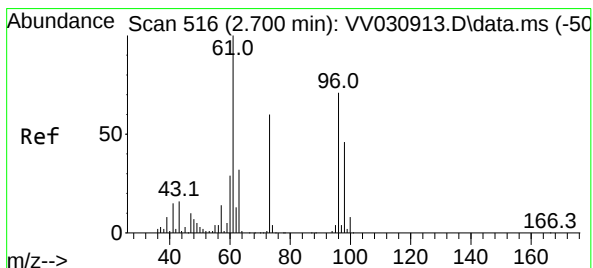
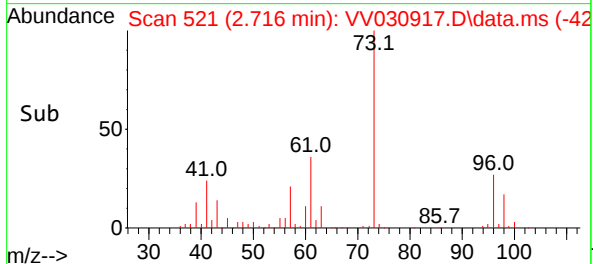
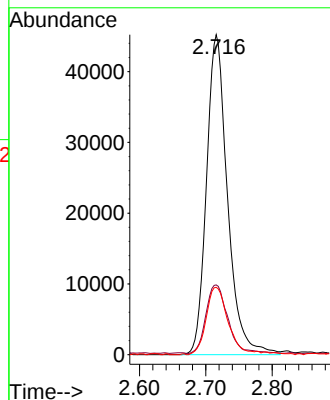
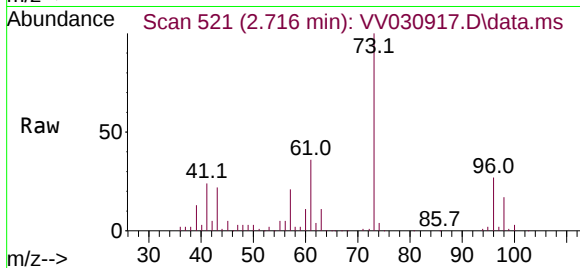
Tgt Ion: 73 Resp: 99614

Ion Ratio Lower Upper

73 100

43 22.5 19.9 29.9

57 21.9 18.2 27.4



#18

trans-1,2-Dichloroethene

Concen: 4.952 ug/L

RT: 2.703 min Scan# 517

Delta R.T. 0.003 min

Lab File: VV030917.D

Acq: 28 Apr 2023 13:13

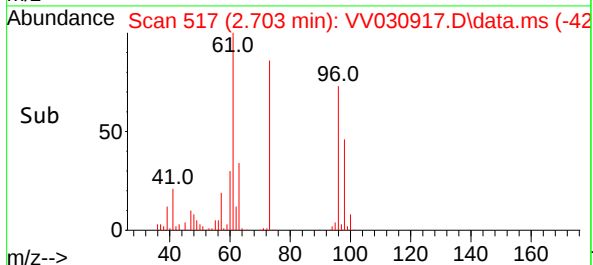
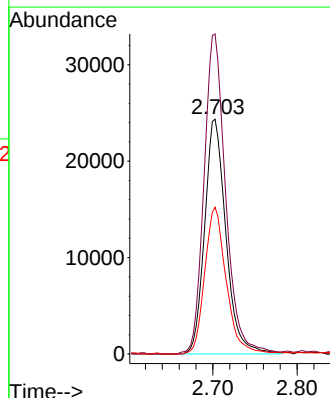
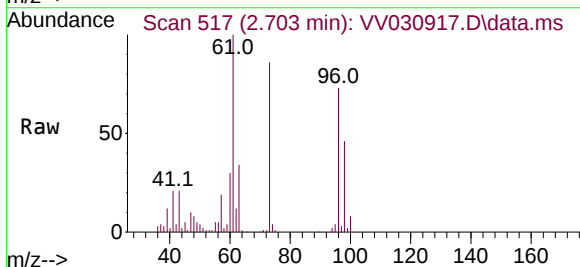
Tgt Ion: 96 Resp: 43003

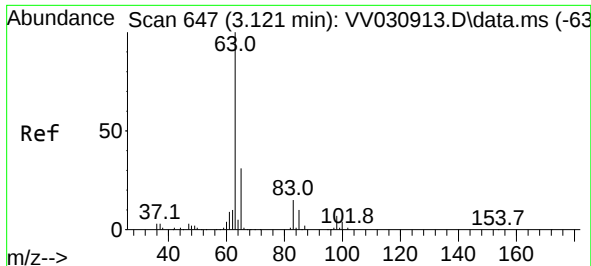
Ion Ratio Lower Upper

96 100

61 136.3 98.9 183.7

98 62.5 46.0 85.4

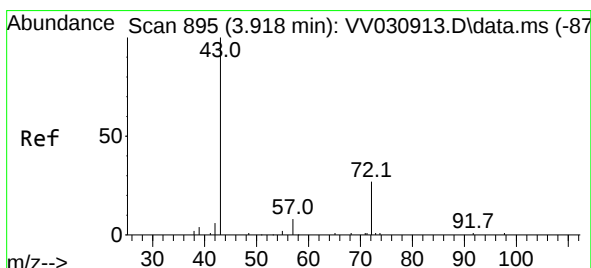
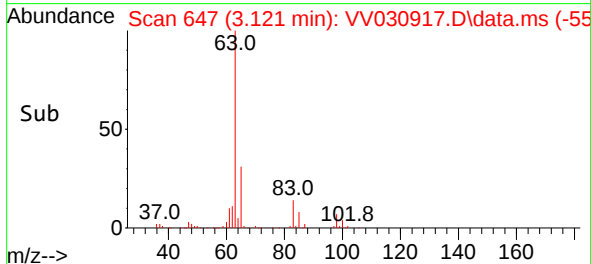
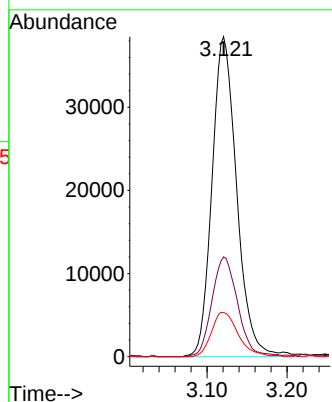
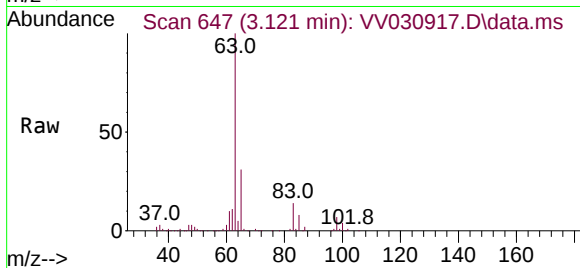




#19
1,1-Dichloroethane
Concen: 4.900 ug/L
RT: 3.121 min Scan# 647
Delta R.T. -0.000 min
Lab File: VV030917.D
Acq: 28 Apr 2023 13:13

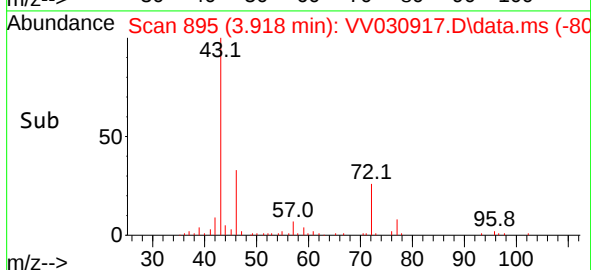
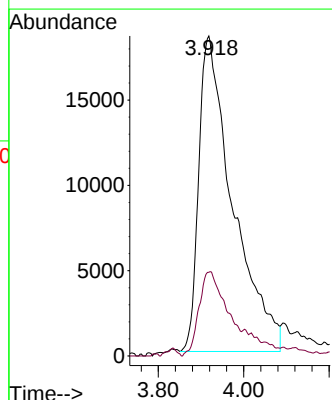
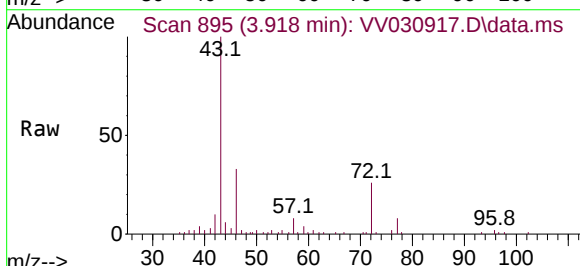
Instrument :
MSVOA_V
ClientSampleId :
VSTD005336

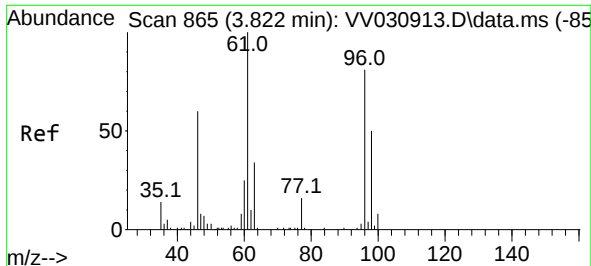
Tgt Ion: 63 Resp: 82161
Ion Ratio Lower Upper
63 100
65 31.2 21.8 40.6
83 13.8 10.2 19.0



#21
2-Butanone
Concen: 52.692 ug/L
RT: 3.918 min Scan# 895
Delta R.T. -0.000 min
Lab File: VV030917.D
Acq: 28 Apr 2023 13:13

Tgt Ion: 43 Resp: 102169
Ion Ratio Lower Upper
43 100
72 21.7 9.6 28.6

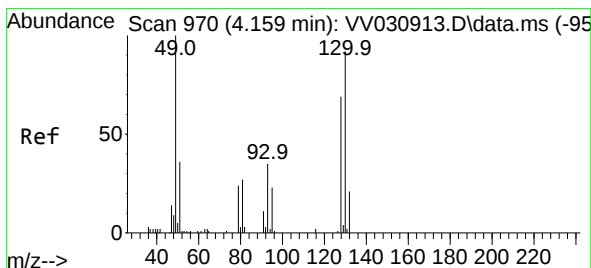
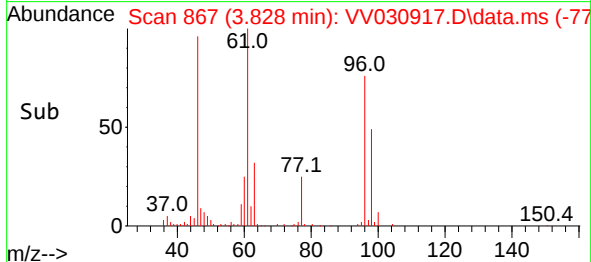
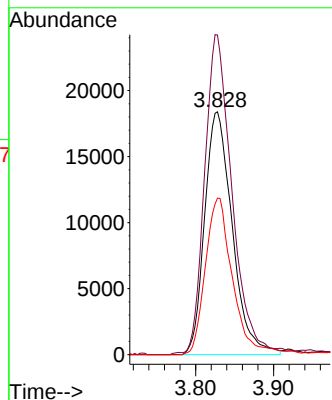
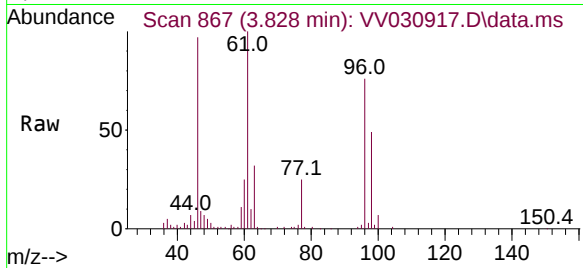




#22
 cis-1,2-Dichloroethene
 Concen: 4.943 ug/L
 RT: 3.828 min Scan# 865
 Delta R.T. 0.006 min
 Lab File: VV030917.D
 Acq: 28 Apr 2023 13:13

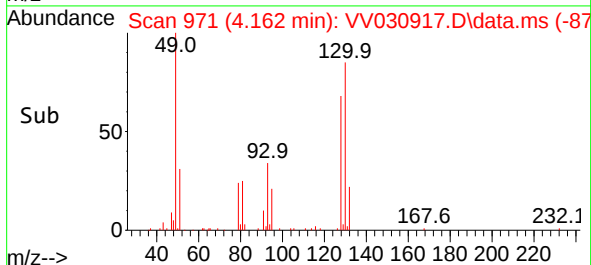
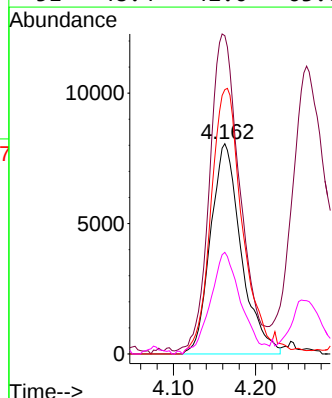
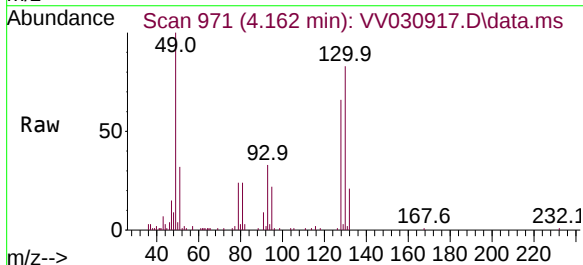
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005336

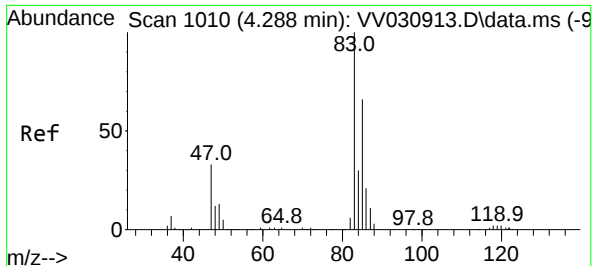
Tgt Ion: 96 Resp: 45290
 Ion Ratio Lower Upper
 96 100
 61 131.6 86.0 159.6
 98 64.4 43.2 80.2



#23
 Bromochloromethane
 Concen: 4.854 ug/L
 RT: 4.162 min Scan# 971
 Delta R.T. 0.003 min
 Lab File: VV030917.D
 Acq: 28 Apr 2023 13:13

Tgt Ion:128 Resp: 20940
 Ion Ratio Lower Upper
 128 100
 49 151.4 104.7 194.5
 130 125.7 93.4 173.4
 51 48.4 42.0 63.0

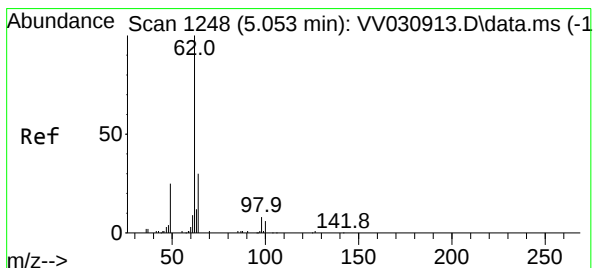
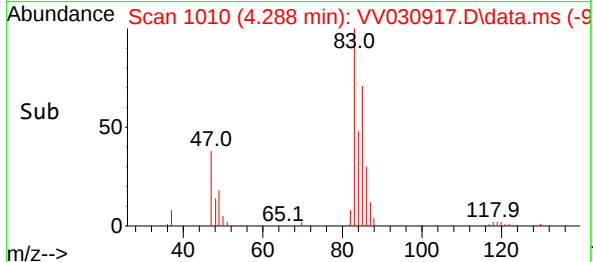
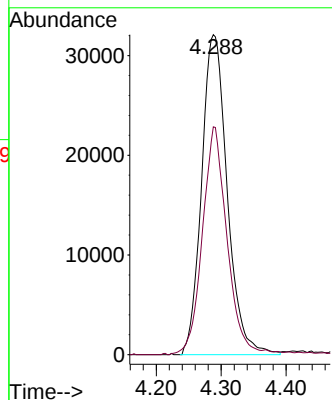
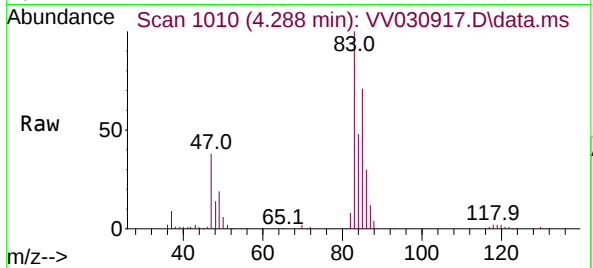




#25
Chloroform
Concen: 4.899 ug/L
RT: 4.288 min Scan# 1010
Delta R.T. -0.000 min
Lab File: VV030917.D
Acq: 28 Apr 2023 13:13

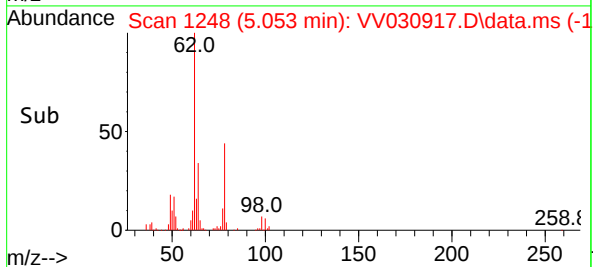
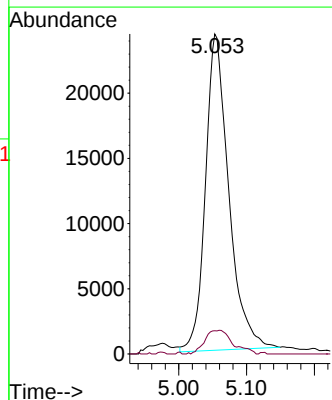
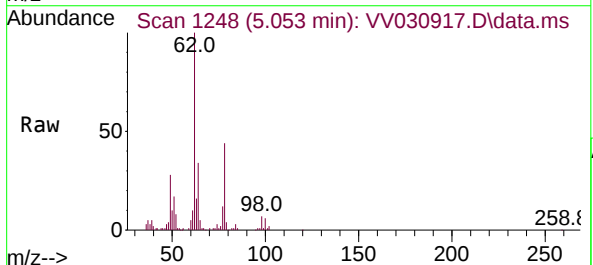
Instrument :
MSVOA_V
ClientSampleId :
VSTD005336

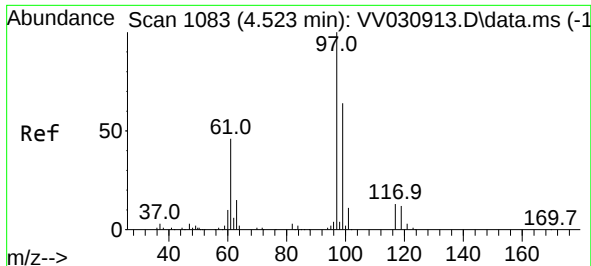
Tgt Ion: 83 Resp: 88138
Ion Ratio Lower Upper
83 100
85 71.2 46.4 86.2



#27
1,2-Dichloroethane
Concen: 5.127 ug/L
RT: 5.053 min Scan# 1248
Delta R.T. -0.000 min
Lab File: VV030917.D
Acq: 28 Apr 2023 13:13

Tgt Ion: 62 Resp: 57892
Ion Ratio Lower Upper
62 100
98 7.2 6.0 9.0





#29

1,1,1-Trichloroethane

Concen: 4.960 ug/L

RT: 4.523 min Scan# 1105

Delta R.T. -0.000 min

Lab File: VV030917.D

Acq: 28 Apr 2023 13:13

Instrument :

MSVOA_V

ClientSampleId :

VSTD005336

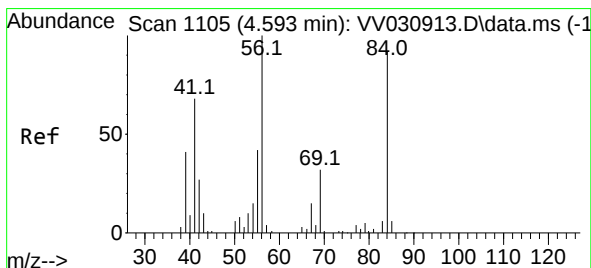
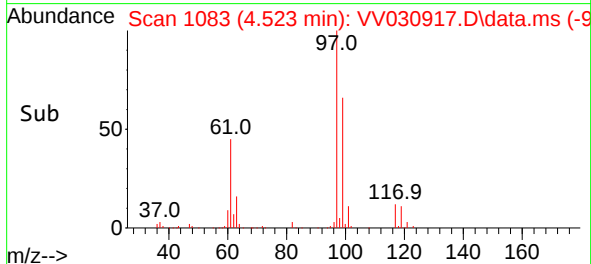
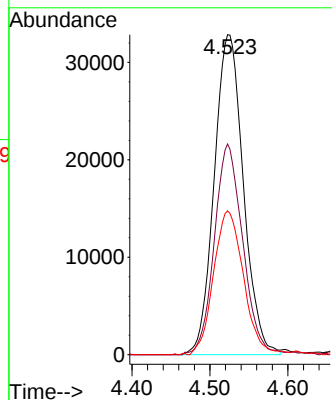
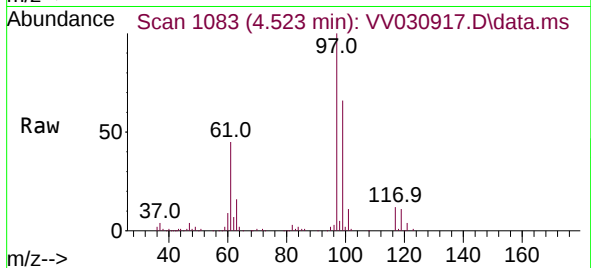
Tgt Ion: 97 Resp: 85410

Ion Ratio Lower Upper

97 100

99 64.0 51.4 77.2

61 46.3 37.4 56.0



#30

Cyclohexane

Concen: 5.217 ug/L

RT: 4.593 min Scan# 1105

Delta R.T. -0.000 min

Lab File: VV030917.D

Acq: 28 Apr 2023 13:13

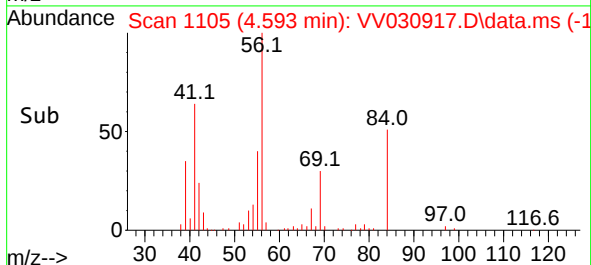
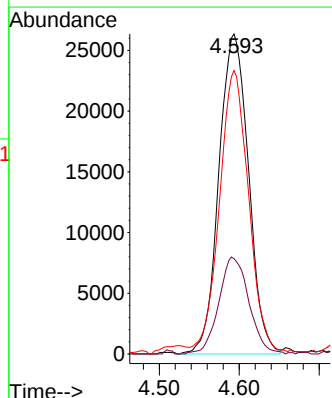
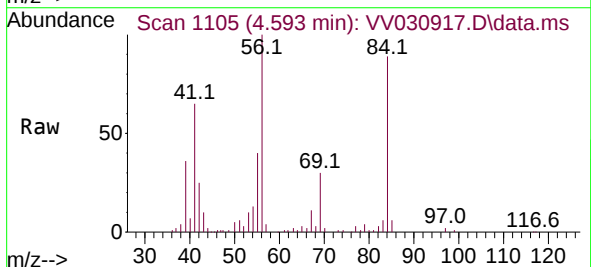
Tgt Ion: 56 Resp: 67849

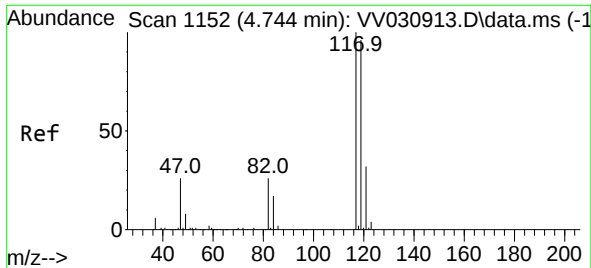
Ion Ratio Lower Upper

56 100

69 30.7 25.0 37.6

84 86.4 74.2 111.2

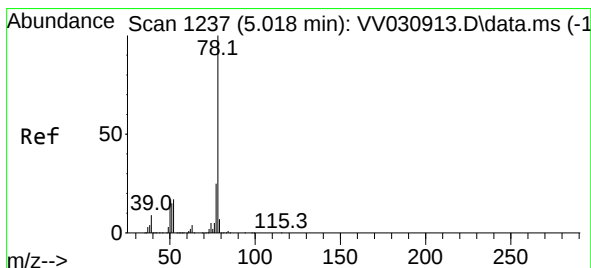
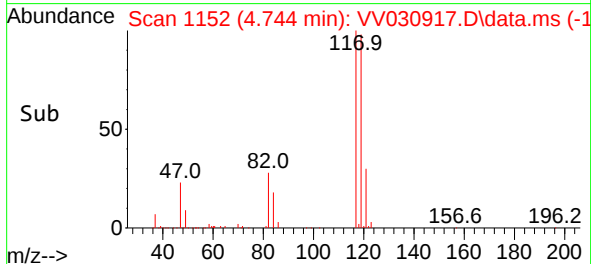
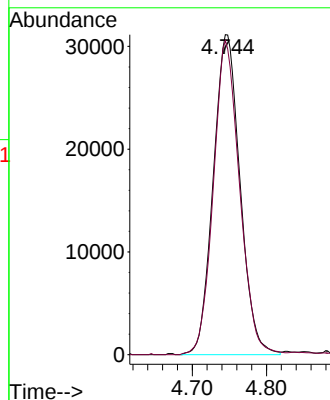
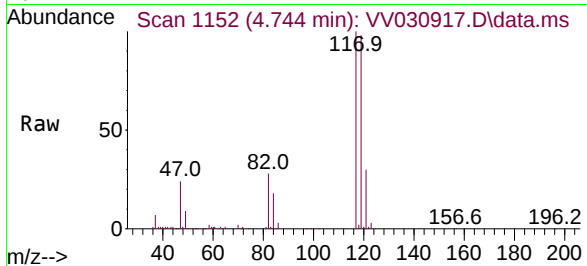




#31
Carbon tetrachloride
Concen: 5.045 ug/L
RT: 4.744 min Scan# 1152
Delta R.T. -0.000 min
Lab File: VV030917.D
Acq: 28 Apr 2023 13:13

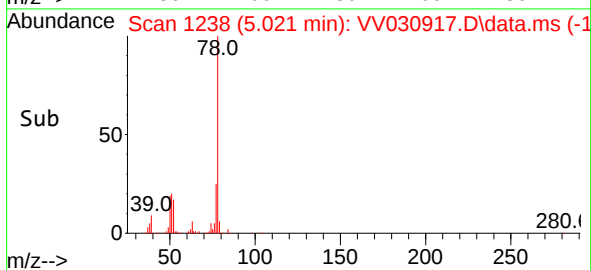
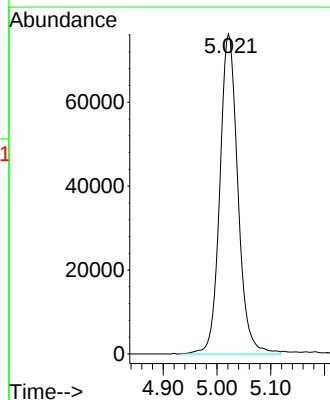
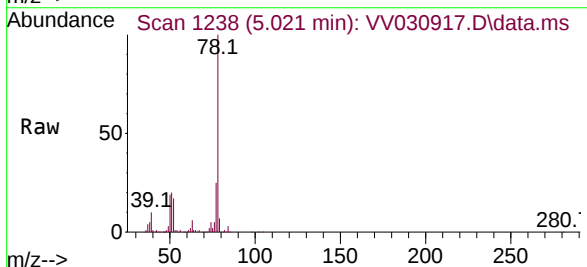
Instrument : MSVOA_V
ClientSampleId : VSTD005336

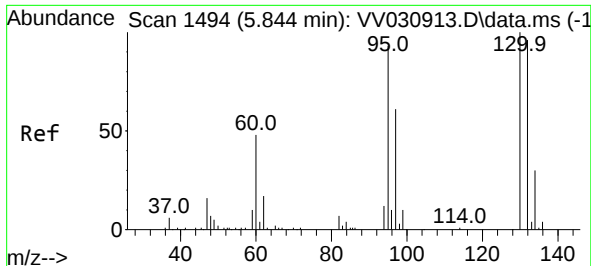
Tgt Ion:117 Resp: 78025
Ion Ratio Lower Upper
117 100
119 96.0 78.4 117.6



#33
Benzene
Concen: 5.163 ug/L
RT: 5.021 min Scan# 1238
Delta R.T. 0.003 min
Lab File: VV030917.D
Acq: 28 Apr 2023 13:13

Tgt Ion: 78 Resp: 177974



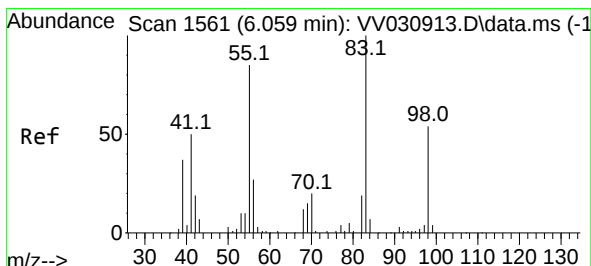
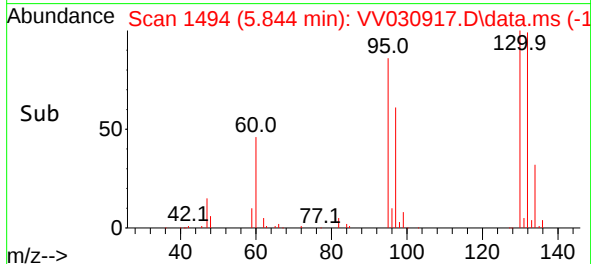
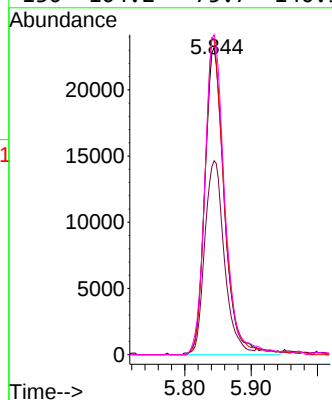
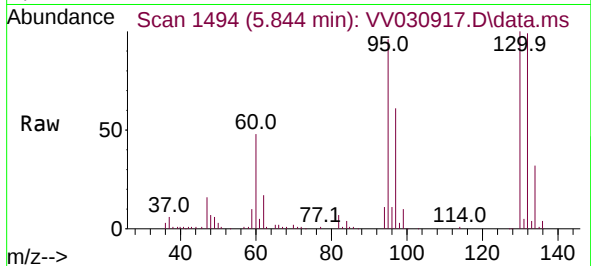


#34
Trichloroethene
Concen: 5.169 ug/L
RT: 5.844 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VV030917.D
Acq: 28 Apr 2023 13:13

Instrument :
MSVOA_V
ClientSampleId :
VSTD005336

Tgt Ion: 95 Resp: 47494

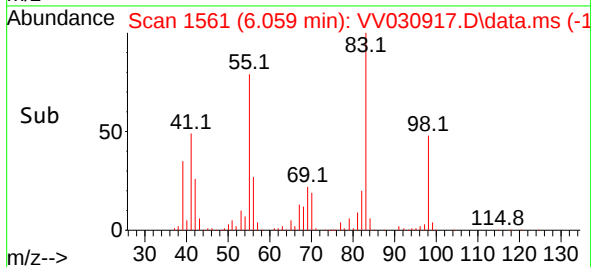
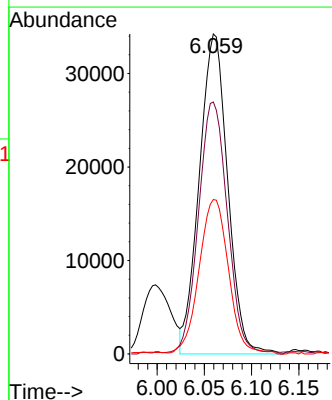
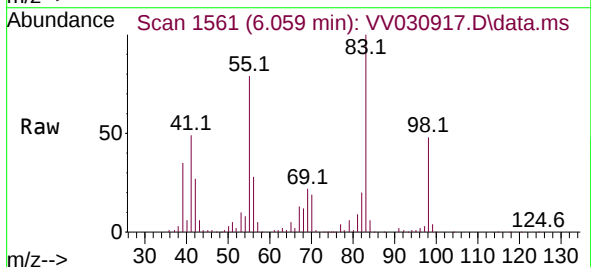
Ion	Ratio	Lower	Upper
95	100		
97	63.2	46.2	85.8
132	102.9	72.7	135.1
130	104.2	75.7	140.5

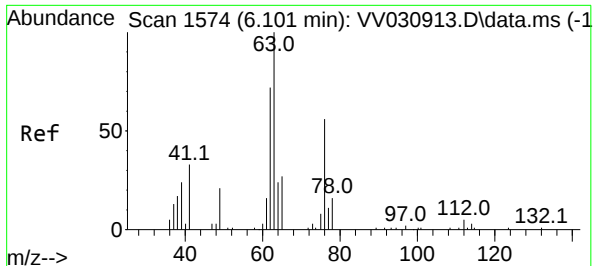


#35
Methylcyclohexane
Concen: 5.030 ug/L
RT: 6.059 min Scan# 1561
Delta R.T. -0.000 min
Lab File: VV030917.D
Acq: 28 Apr 2023 13:13

Tgt Ion: 83 Resp: 71625

Ion	Ratio	Lower	Upper
83	100		
55	78.8	62.9	94.3
98	50.0	40.5	60.7





#37

1,2-Dichloropropane

Concen: 4.939 ug/L

RT: 6.101 min Scan# 1

Delta R.T. -0.000 min

Lab File: VV030917.D

Acq: 28 Apr 2023 13:13

Instrument :

MSVOA_V

ClientSampleId :

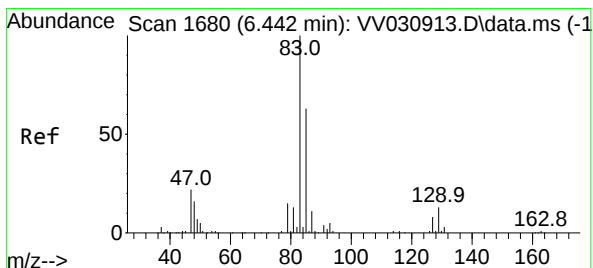
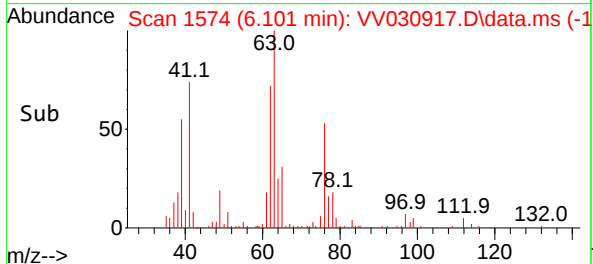
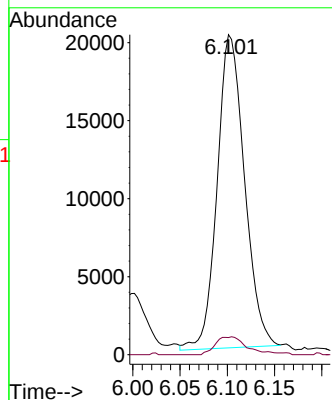
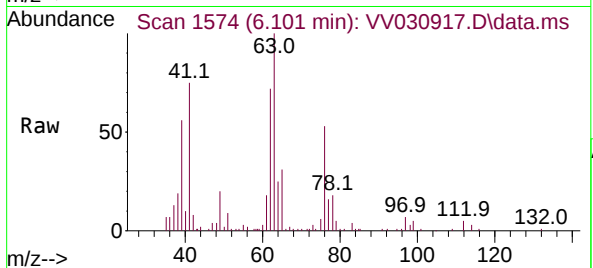
VSTD005336

Tgt Ion: 63 Resp: 40377

Ion Ratio Lower Upper

63 100

112 6.6 3.8 5.8#



#38

Bromodichloromethane

Concen: 5.124 ug/L

RT: 6.442 min Scan# 1680

Delta R.T. -0.000 min

Lab File: VV030917.D

Acq: 28 Apr 2023 13:13

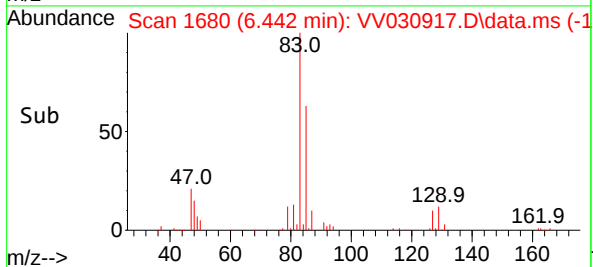
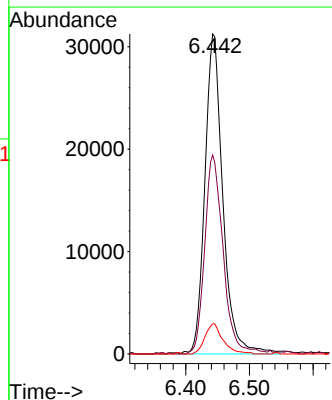
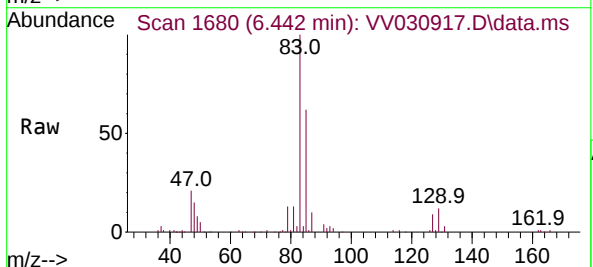
Tgt Ion: 83 Resp: 61319

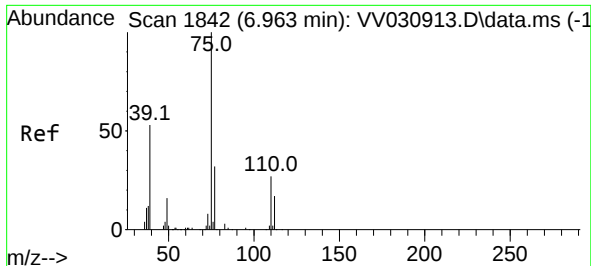
Ion Ratio Lower Upper

83 100

85 62.2 44.4 82.4

127 9.4 6.6 9.8





#39

cis-1,3-Dichloropropene

Concen: 5.335 ug/L

RT: 6.963 min Scan# 1842

Delta R.T. -0.000 min

Lab File: VV030917.D

Acq: 28 Apr 2023 13:13

Instrument :

MSVOA_V

ClientSampleId :

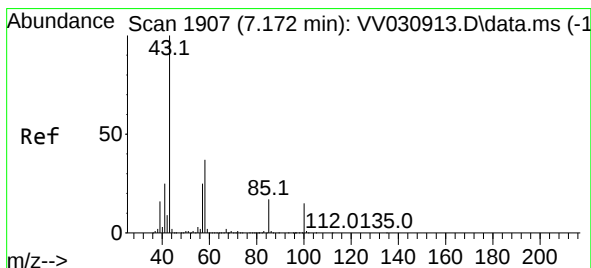
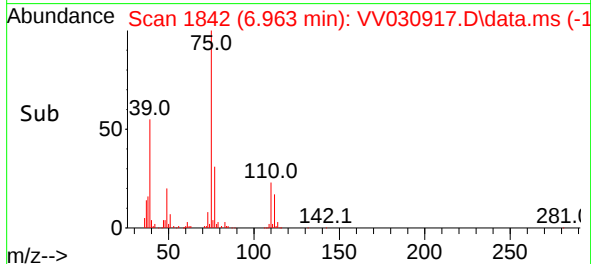
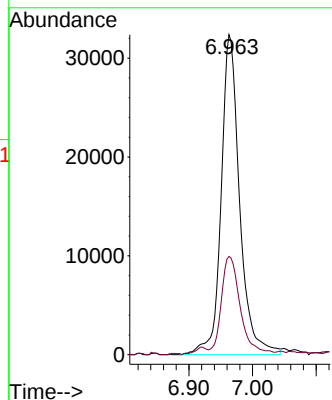
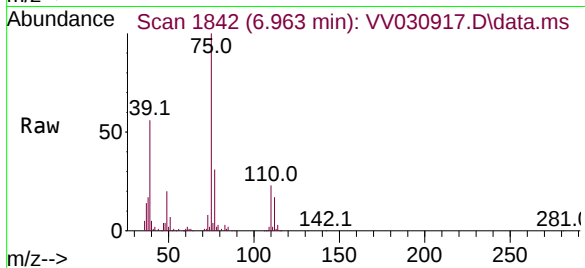
VSTD005336

Tgt Ion: 75 Resp: 65327

Ion Ratio Lower Upper

75 100

77 30.7 22.6 42.0



#40

4-Methyl-2-pentanone

Concen: 60.124 ug/L

RT: 7.172 min Scan# 1907

Delta R.T. -0.000 min

Lab File: VV030917.D

Acq: 28 Apr 2023 13:13

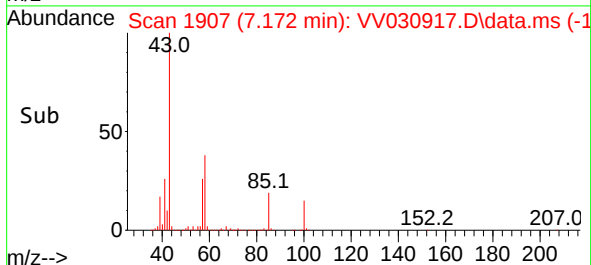
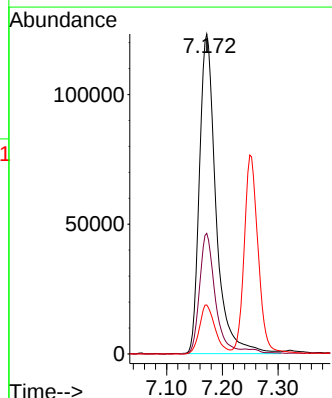
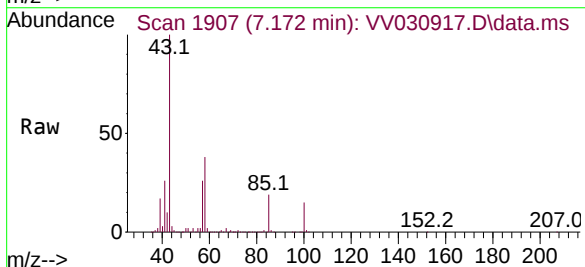
Tgt Ion: 43 Resp: 254695

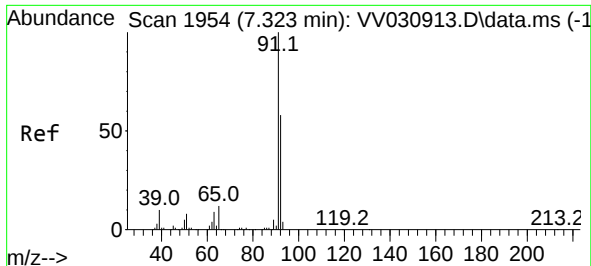
Ion Ratio Lower Upper

43 100

58 35.7 28.3 42.5

100 14.5 11.8 17.8

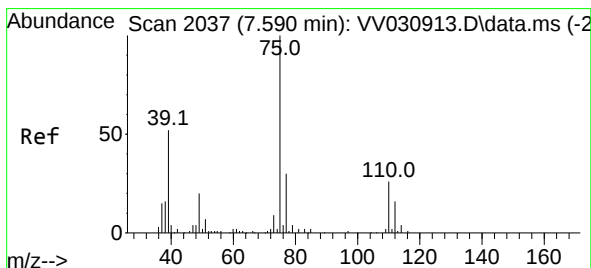
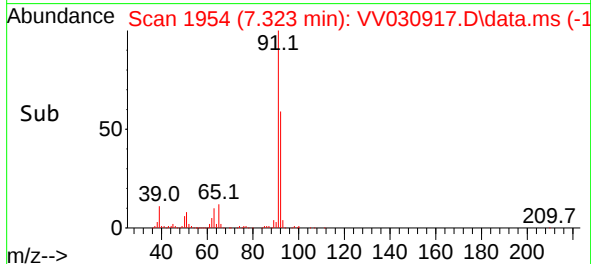
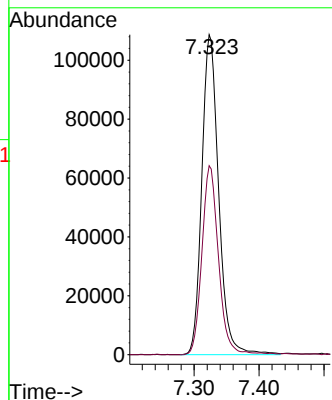
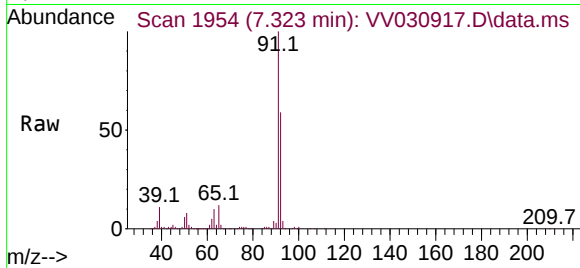




#42
Toluene
Concen: 5.289 ug/L
RT: 7.323 min Scan# 1954
Delta R.T. -0.000 min
Lab File: VV030917.D
Acq: 28 Apr 2023 13:13

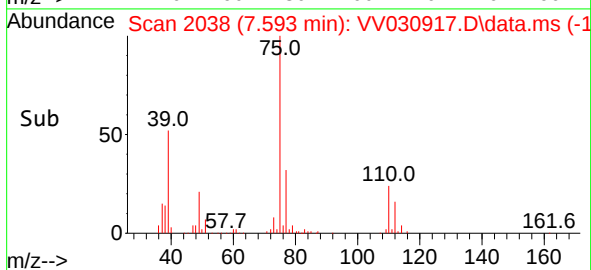
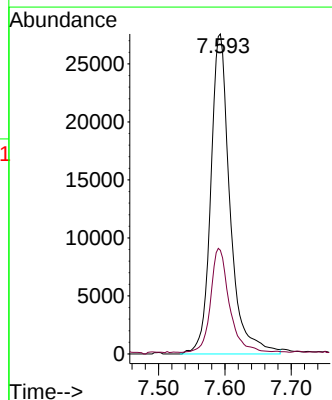
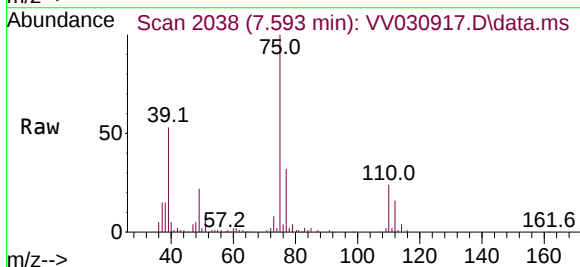
Instrument :
MSVOA_V
ClientSampleId :
VSTD005336

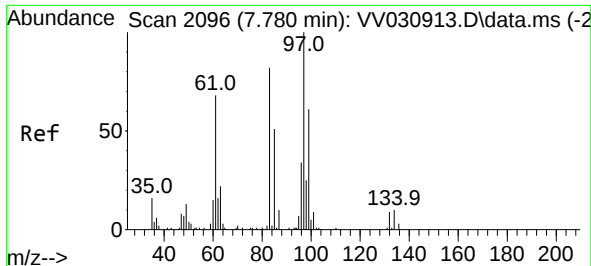
Tgt Ion: 91 Resp: 196277
Ion Ratio Lower Upper
91 100
92 59.1 40.5 75.1



#44
trans-1,3-Dichloropropene
Concen: 5.342 ug/L
RT: 7.593 min Scan# 2038
Delta R.T. 0.003 min
Lab File: VV030917.D
Acq: 28 Apr 2023 13:13

Tgt Ion: 75 Resp: 55741
Ion Ratio Lower Upper
75 100
77 32.4 21.6 40.0





#45

1,1,2-Trichloroethane

Concen: 5.208 ug/L

RT: 7.780 min Scan# 2096

Delta R.T. -0.000 min

Lab File: VV030917.D

Acq: 28 Apr 2023 13:13

Instrument :

MSVOA_V

ClientSampleId :

VSTD005336

Tgt Ion: 97 Resp: 31594

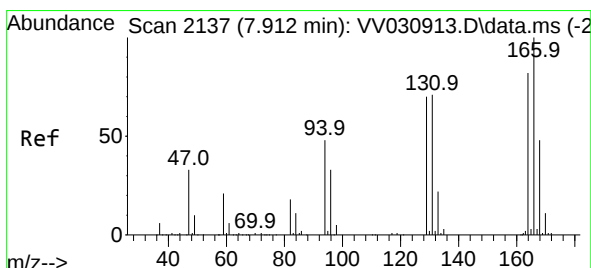
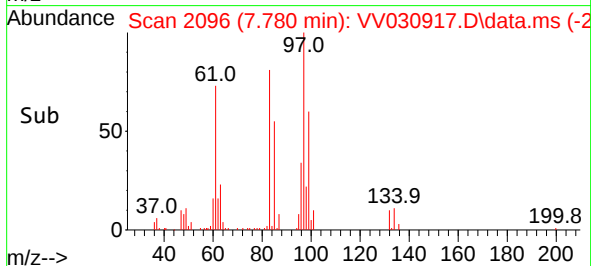
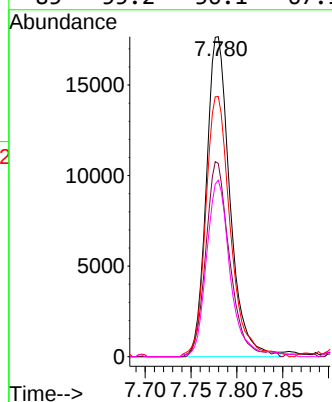
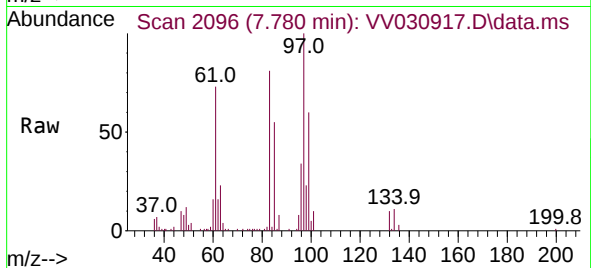
Ion Ratio Lower Upper

97 100

99 60.4 42.8 79.6

83 81.3 57.5 106.7

85 55.2 36.1 67.1



#47

Tetrachloroethene

Concen: 4.970 ug/L

RT: 7.915 min Scan# 2138

Delta R.T. 0.003 min

Lab File: VV030917.D

Acq: 28 Apr 2023 13:13

Tgt Ion: 164 Resp: 43561

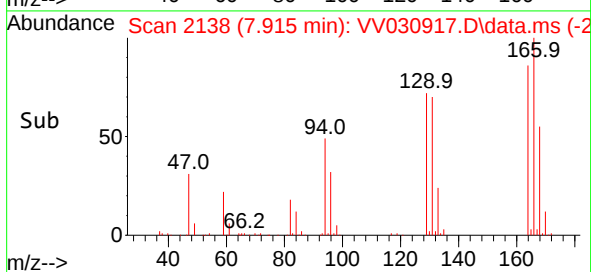
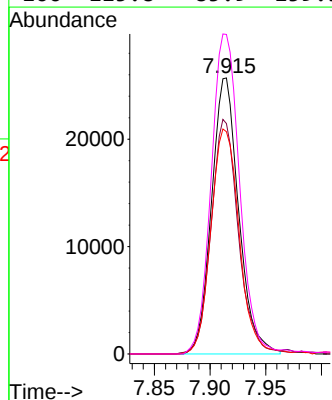
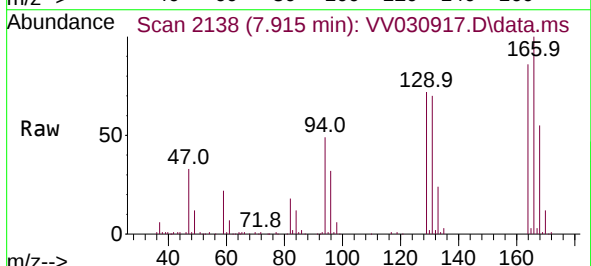
Ion Ratio Lower Upper

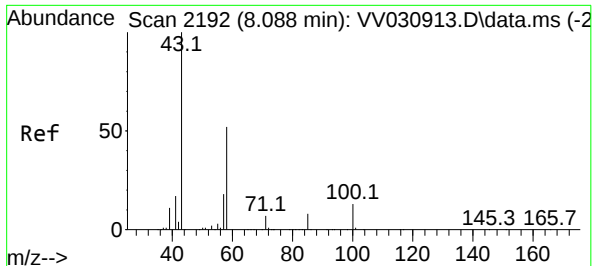
164 100

129 83.5 60.5 112.3

131 80.5 60.8 112.8

166 115.8 85.9 159.5



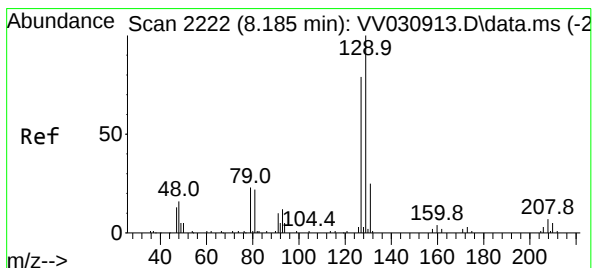
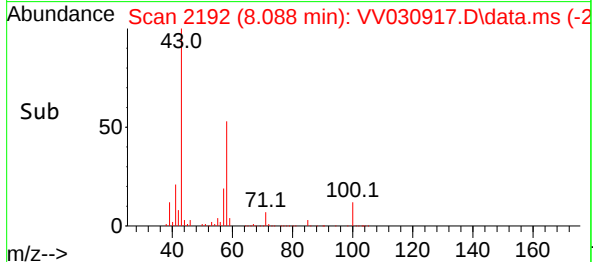
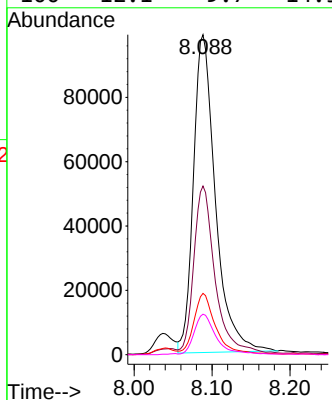
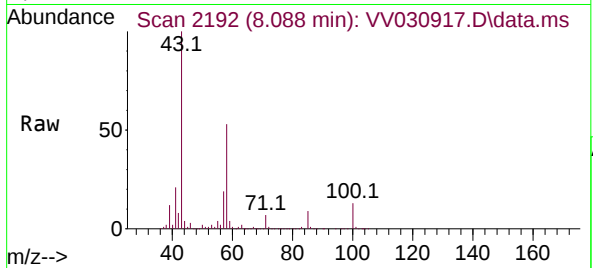


#48
2-Hexanone
Concen: 59.585 ug/L
RT: 8.088 min Scan# 2192
Delta R.T. -0.000 min
Lab File: VV030917.D
Acq: 28 Apr 2023 13:13

Instrument :
MSVOA_V
ClientSampleId :
VSTD005336

Tgt Ion: 43 Resp: 193597

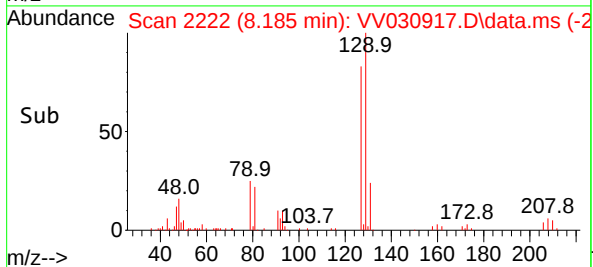
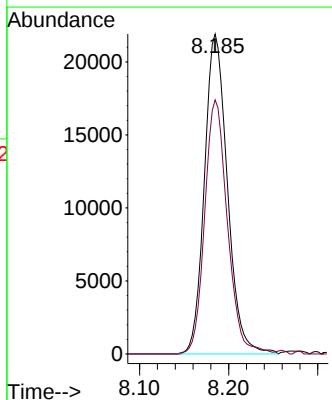
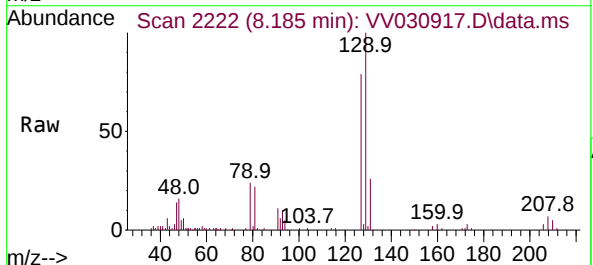
Ion	Ratio	Lower	Upper
43	100		
58	50.9	39.9	59.9
57	19.1	14.1	21.1
100	12.1	9.7	14.5

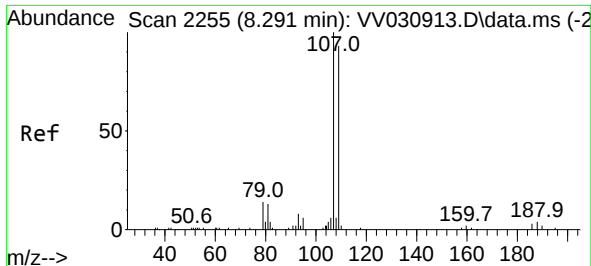


#49
Dibromochloromethane
Concen: 5.148 ug/L
RT: 8.185 min Scan# 2222
Delta R.T. -0.000 min
Lab File: VV030917.D
Acq: 28 Apr 2023 13:13

Tgt Ion: 129 Resp: 39286

Ion	Ratio	Lower	Upper
129	100		
127	79.4	55.3	102.7

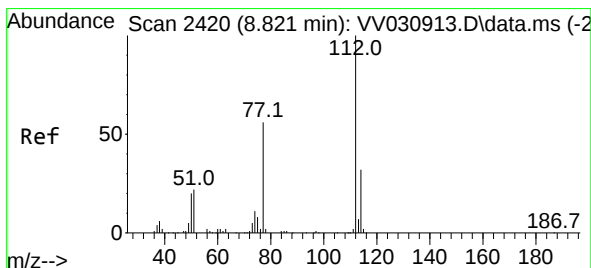
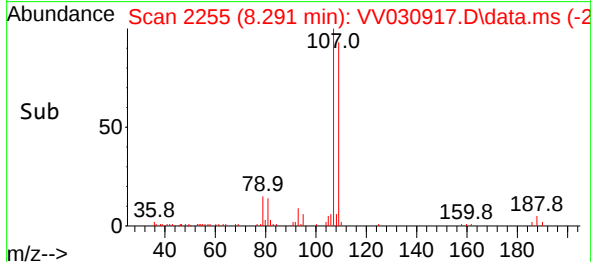
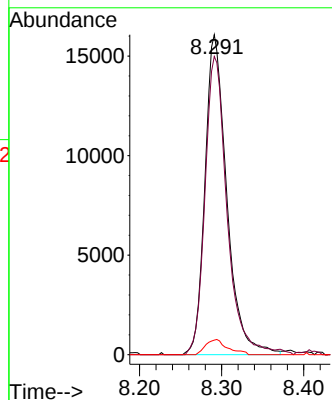
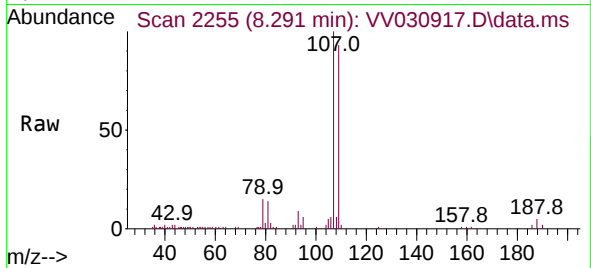




#50
1,2-Dibromoethane
Concen: 5.492 ug/L
RT: 8.291 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV030917.D
Acq: 28 Apr 2023 13:13

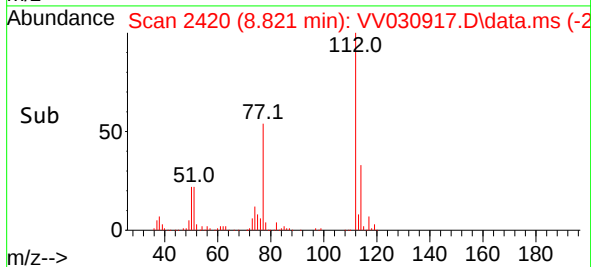
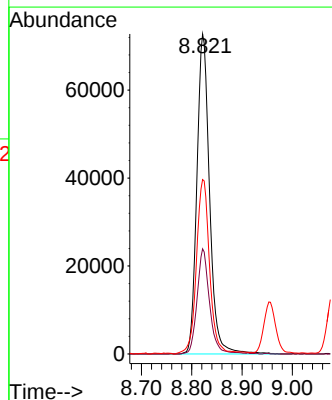
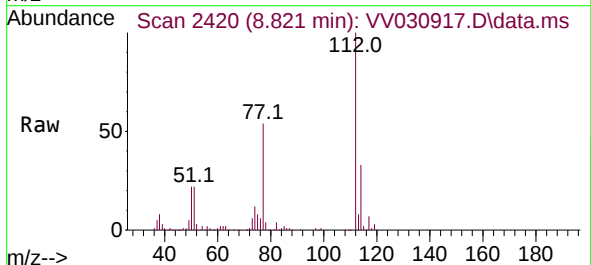
Instrument :
MSVOA_V
ClientSampleId :
VSTD005336

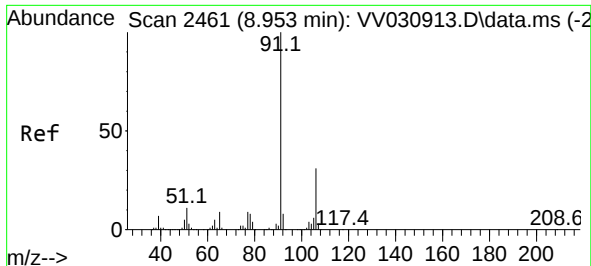
Tgt Ion:107 Resp: 29717
Ion Ratio Lower Upper
107 100
109 93.2 64.9 120.5
188 4.5 3.2 4.8



#51
Chlorobenzene
Concen: 5.073 ug/L
RT: 8.821 min Scan# 2420
Delta R.T. -0.000 min
Lab File: VV030917.D
Acq: 28 Apr 2023 13:13

Tgt Ion:112 Resp: 127631
Ion Ratio Lower Upper
112 100
114 32.9 22.5 41.9
77 54.5 45.3 67.9





#52

Ethylbenzene

Concen: 5.101 ug/L

RT: 8.953 min Scan# 2461

Delta R.T. -0.000 min

Lab File: VV030917.D

Acq: 28 Apr 2023 13:13

Instrument :

MSVOA_V

ClientSampleId :

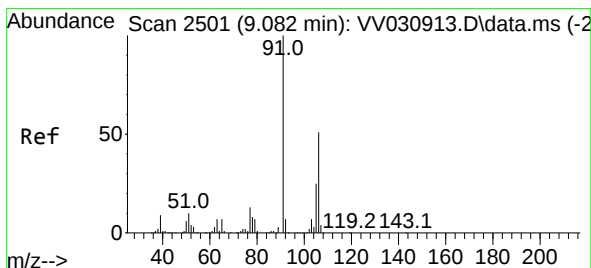
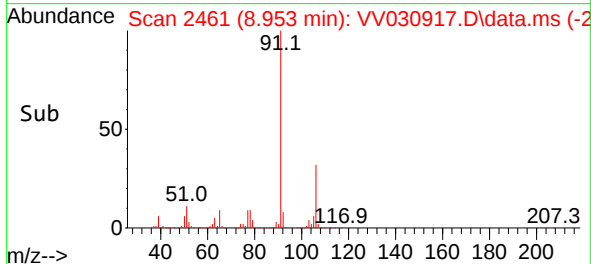
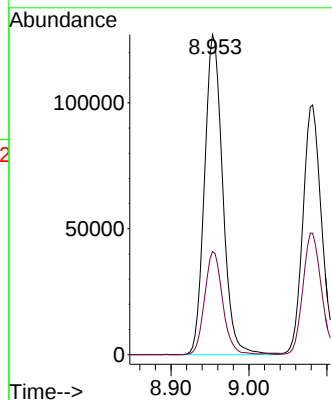
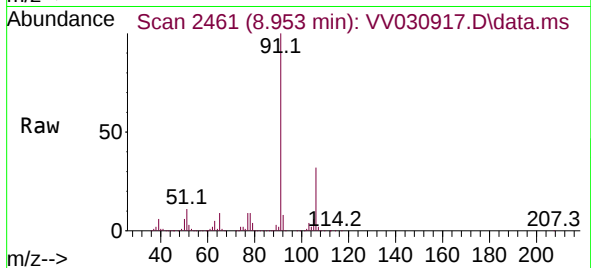
VSTD005336

Tgt Ion: 91 Resp: 206394

Ion Ratio Lower Upper

91 100

106 32.3 21.4 39.8



#53

m,p-Xylene

Concen: 4.995 ug/L

RT: 9.079 min Scan# 2500

Delta R.T. -0.003 min

Lab File: VV030917.D

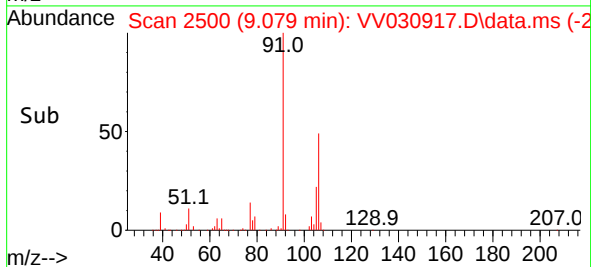
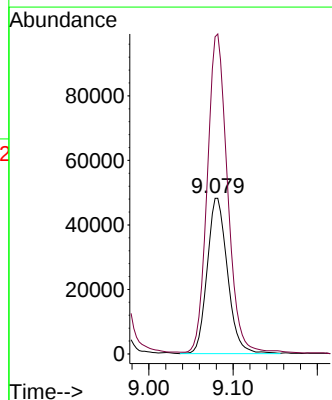
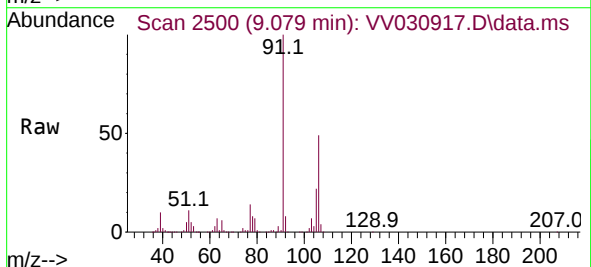
Acq: 28 Apr 2023 13:13

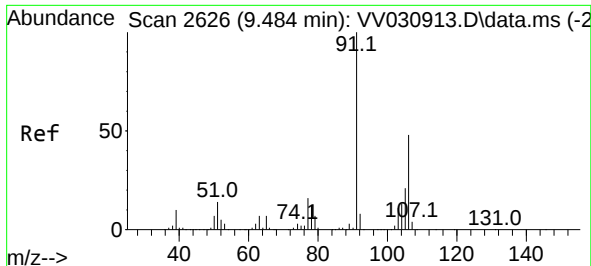
Tgt Ion: 106 Resp: 80644

Ion Ratio Lower Upper

106 100

91 203.6 138.7 257.5

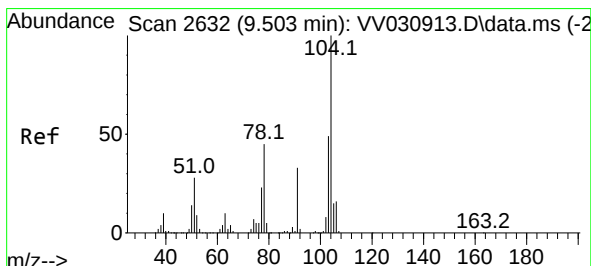
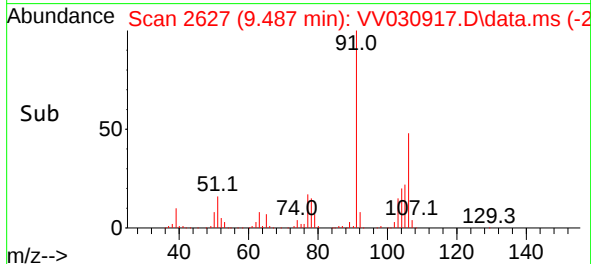
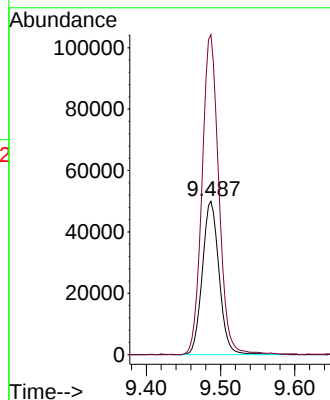
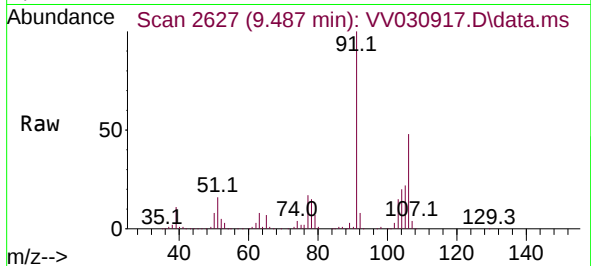




#54
o-Xylene
Concen: 5.114 ug/L
RT: 9.487 min Scan# 2627
Delta R.T. 0.003 min
Lab File: VV030917.D
Acq: 28 Apr 2023 13:13

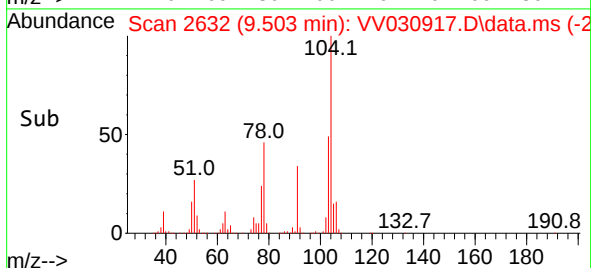
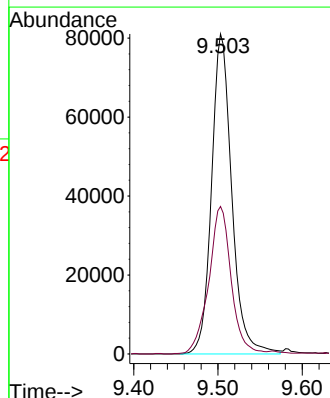
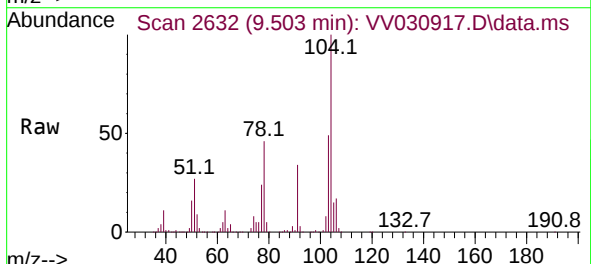
Instrument :
MSVOA_V
ClientSampleId :
VSTD005336

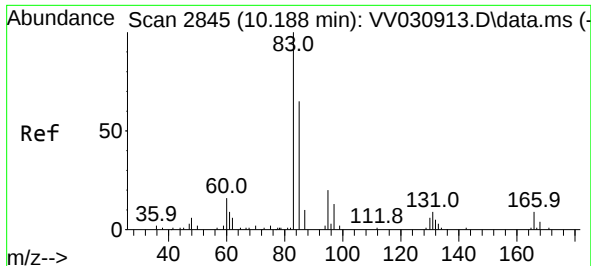
Tgt Ion:106 Resp: 78587
Ion Ratio Lower Upper
106 100
91 208.6 145.1 269.5



#55
Styrene
Concen: 5.215 ug/L
RT: 9.503 min Scan# 2632
Delta R.T. -0.000 min
Lab File: VV030917.D
Acq: 28 Apr 2023 13:13

Tgt Ion:104 Resp: 135205
Ion Ratio Lower Upper
104 100
78 46.1 31.4 58.2





#57

1,1,2,2-Tetrachloroethane

Concen: 5.478 ug/L

RT: 10.185 min Scan# 2845

Delta R.T. -0.003 min

Lab File: VV030917.D

Acq: 28 Apr 2023 13:13

Instrument :

MSVOA_V

ClientSampleId :

VSTD005336

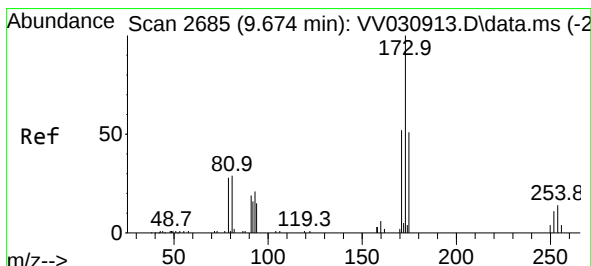
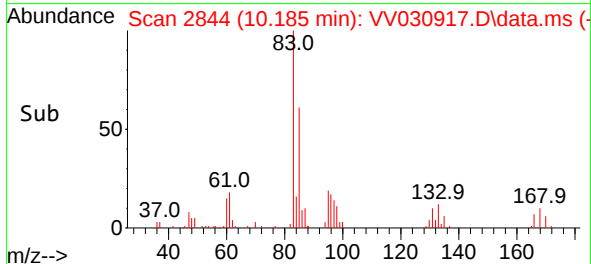
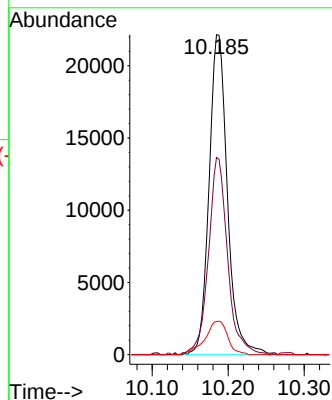
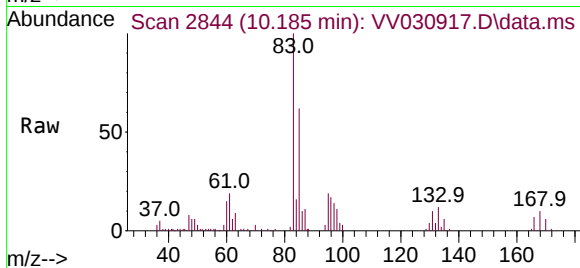
Tgt Ion: 83 Resp: 37146

Ion Ratio Lower Upper

83 100

85 61.6 45.2 84.0

131 10.4 8.3 12.5



#59

Bromoform

Concen: 5.143 ug/L

RT: 9.673 min Scan# 2685

Delta R.T. -0.000 min

Lab File: VV030917.D

Acq: 28 Apr 2023 13:13

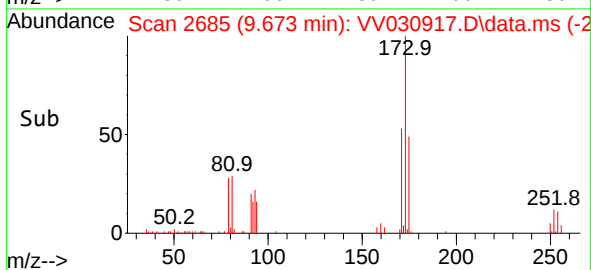
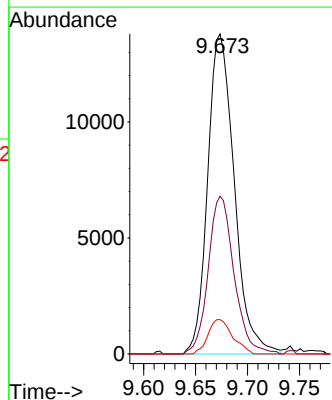
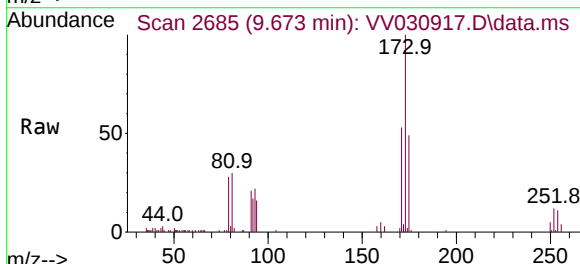
Tgt Ion: 173 Resp: 24564

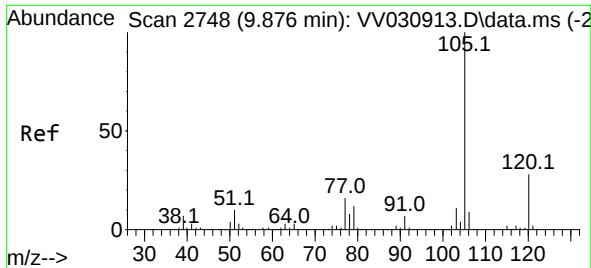
Ion Ratio Lower Upper

173 100

175 47.8 39.9 59.9

254 9.9 9.7 14.5

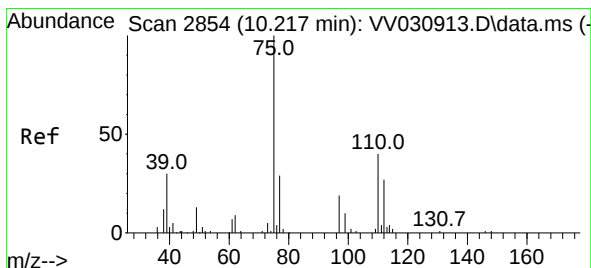
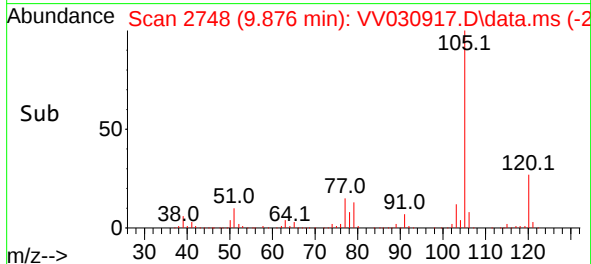
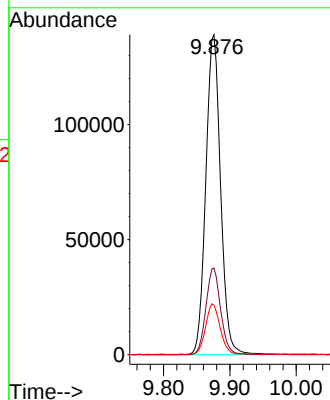
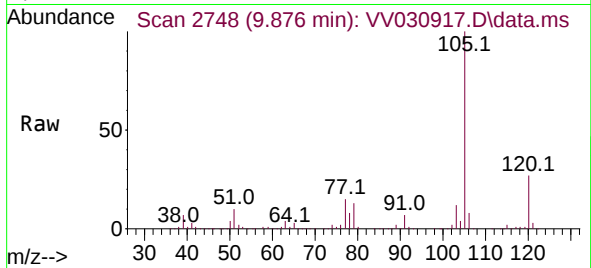




#60
Isopropylbenzene
Concen: 4.923 ug/L
RT: 9.876 min Scan# 215381
Delta R.T. -0.000 min
Lab File: VV030917.D
Acq: 28 Apr 2023 13:13

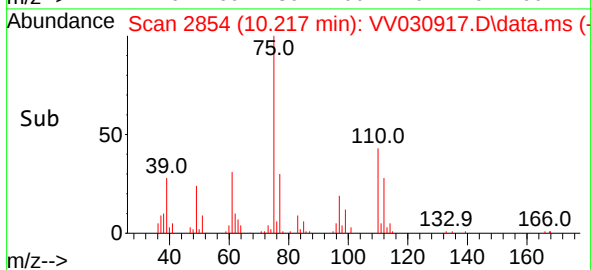
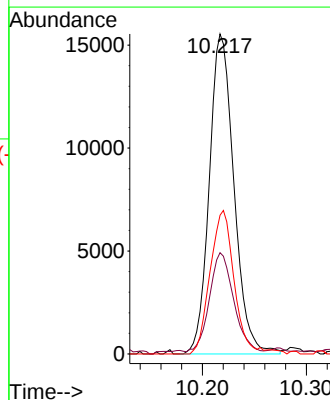
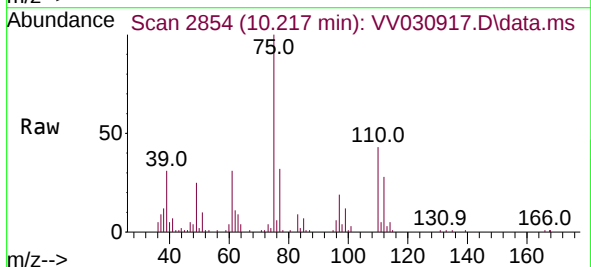
Instrument :
MSVOA_V
ClientSampleId :
VSTD005336

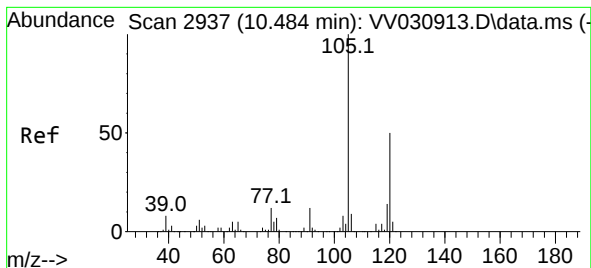
Tgt Ion:105 Resp: 215381
Ion Ratio Lower Upper
105 100
120 26.9 22.2 33.4
77 15.5 13.0 19.6



#61
1,2,3-Trichloropropane
Concen: 5.028 ug/L
RT: 10.217 min Scan# 2854
Delta R.T. -0.000 min
Lab File: VV030917.D
Acq: 28 Apr 2023 13:13

Tgt Ion: 75 Resp: 25631
Ion Ratio Lower Upper
75 100
77 30.1 25.3 37.9
110 43.6 34.0 51.0





#62

1,3,5-Trimethylbenzene

Concen: 4.840 ug/L

RT: 10.484 min Scan# 2937

Delta R.T. -0.000 min

Lab File: VV030917.D

Acq: 28 Apr 2023 13:13

Instrument :

MSVOA_V

ClientSampleId :

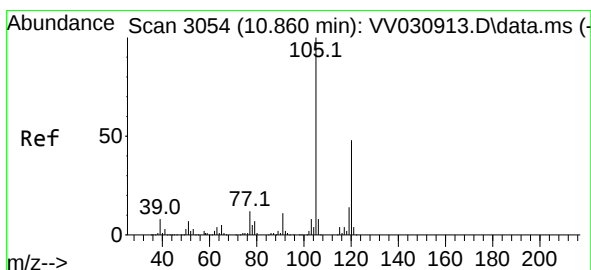
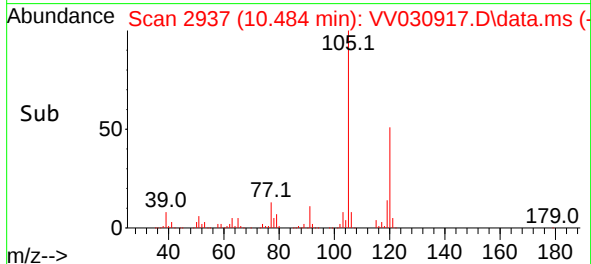
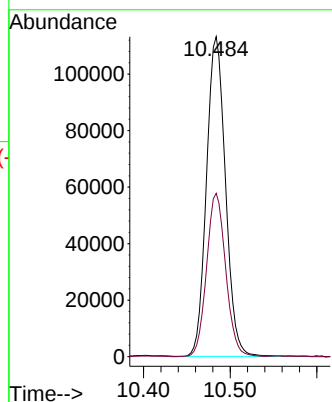
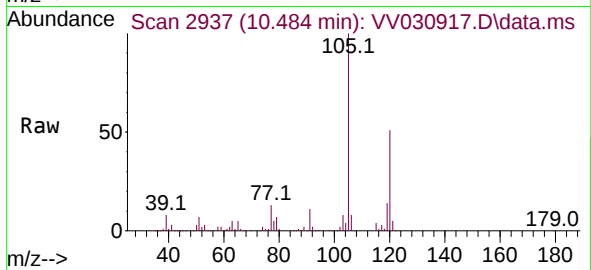
VSTD005336

Tgt Ion:105 Resp: 172382

Ion Ratio Lower Upper

105 100

120 51.6 40.2 60.4



#63

1,2,4-Trimethylbenzene

Concen: 4.829 ug/L

RT: 10.860 min Scan# 3054

Delta R.T. -0.000 min

Lab File: VV030917.D

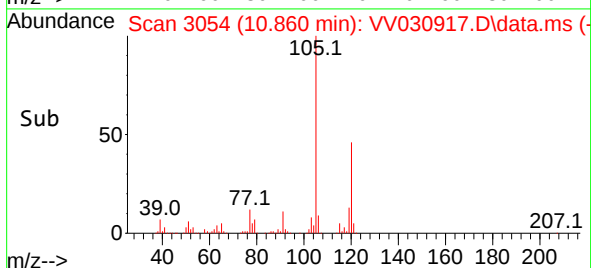
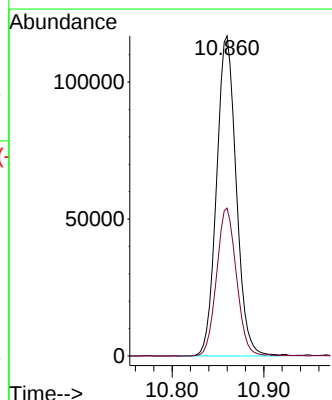
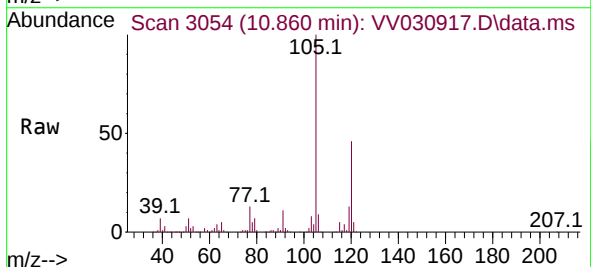
Acq: 28 Apr 2023 13:13

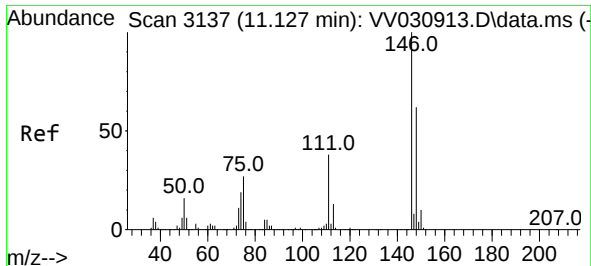
Tgt Ion:105 Resp: 174283

Ion Ratio Lower Upper

105 100

120 46.7 37.9 56.9

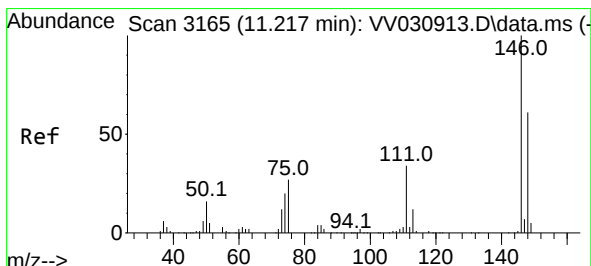
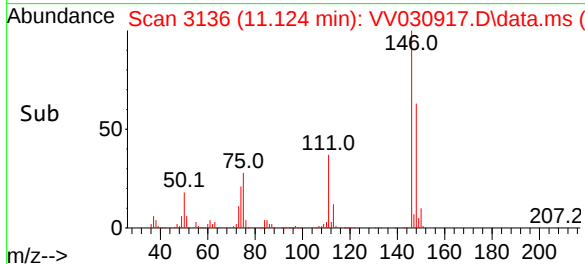
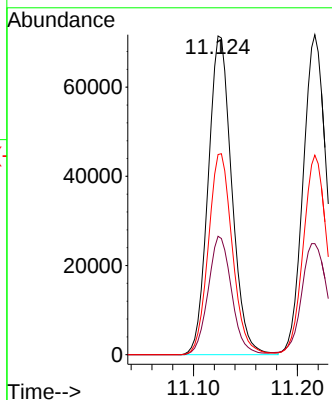
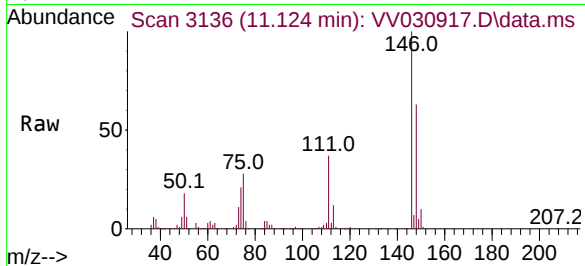




#64
1,3-Dichlorobenzene
Concen: 5.026 ug/L
RT: 11.124 min Scan# 3136
Delta R.T. -0.003 min
Lab File: VV030917.D
Acq: 28 Apr 2023 13:13

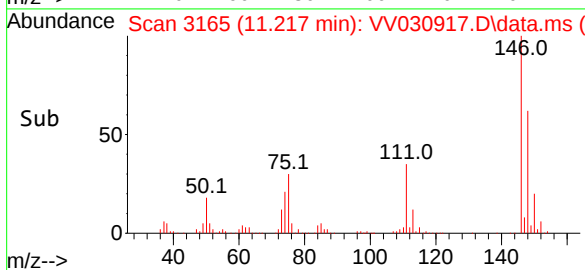
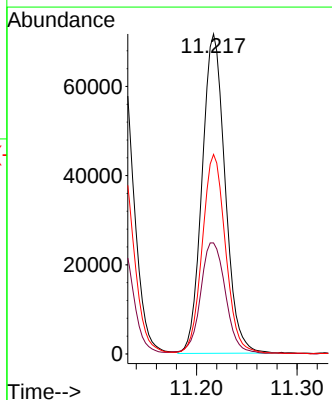
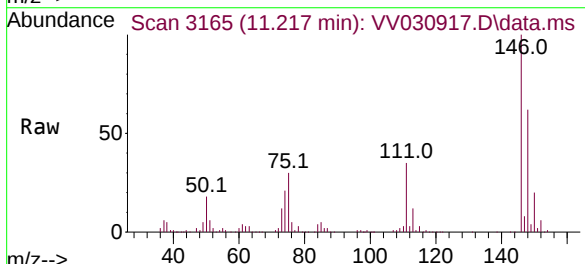
Instrument :
MSVOA_V
ClientSampleId :
VSTD005336

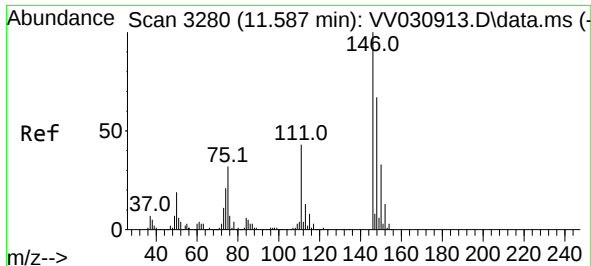
Tgt Ion:146 Resp: 112925
Ion Ratio Lower Upper
146 100
111 37.1 26.5 49.3
148 62.8 43.4 80.6



#65
1,4-Dichlorobenzene
Concen: 5.034 ug/L
RT: 11.217 min Scan# 3165
Delta R.T. -0.000 min
Lab File: VV030917.D
Acq: 28 Apr 2023 13:13

Tgt Ion:146 Resp: 114119
Ion Ratio Lower Upper
146 100
111 34.7 23.9 44.5
148 62.4 42.8 79.6

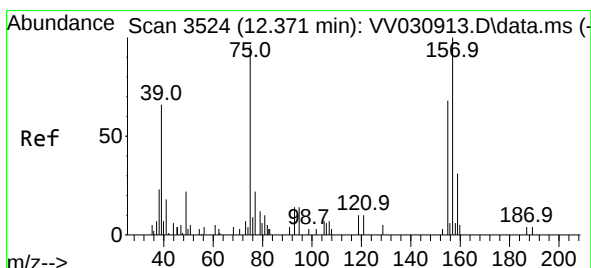
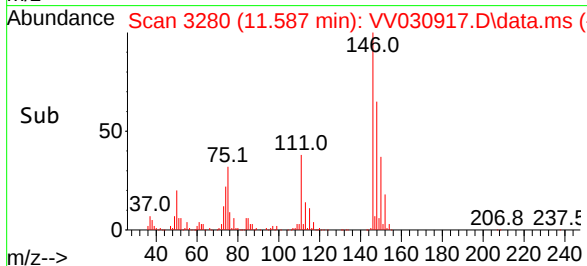
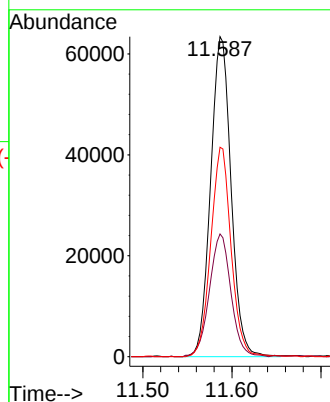
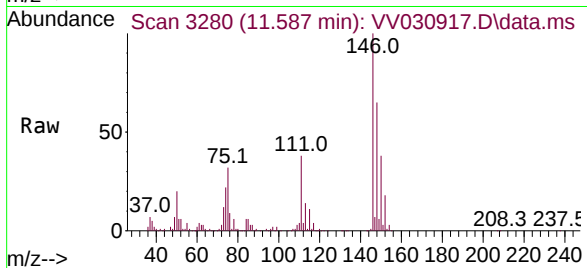




#67
1,2-Dichlorobenzene
Concen: 5.003 ug/L
RT: 11.587 min Scan# 311
Delta R.T. -0.000 min
Lab File: VV030917.D
Acq: 28 Apr 2023 13:13

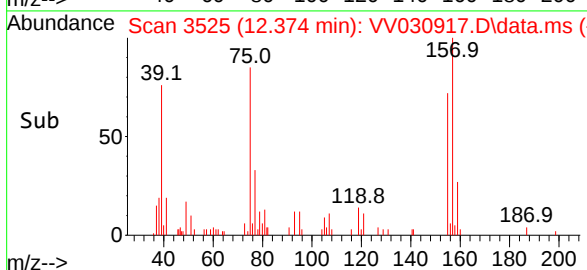
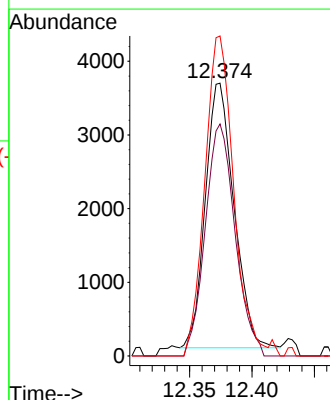
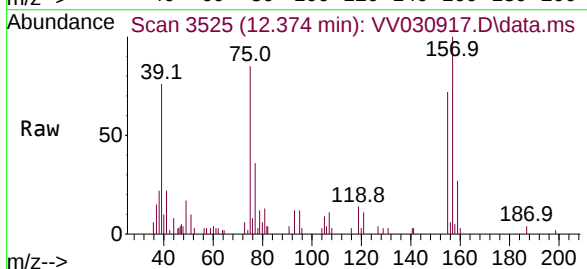
Instrument :
MSVOA_V
ClientSampleId :
VSTD005336

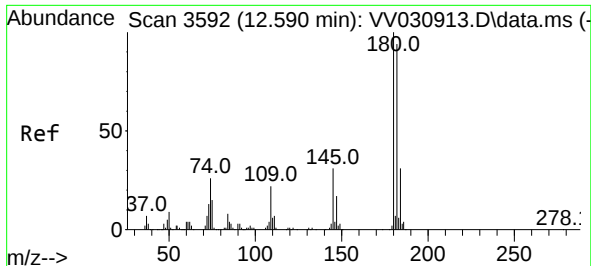
Tgt Ion:146 Resp: 101089
Ion Ratio Lower Upper
146 100
111 38.3 34.0 51.0
148 65.4 53.8 80.6



#68
1,2-Dibromo-3-chloropropane
Concen: 4.435 ug/L
RT: 12.374 min Scan# 3525
Delta R.T. 0.003 min
Lab File: VV030917.D
Acq: 28 Apr 2023 13:13

Tgt Ion: 75 Resp: 5739
Ion Ratio Lower Upper
75 100
155 85.0 56.2 84.4#
157 117.3 83.1 124.7

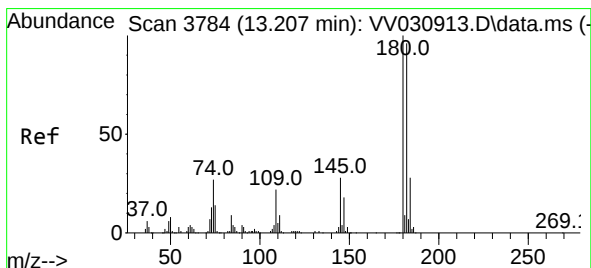
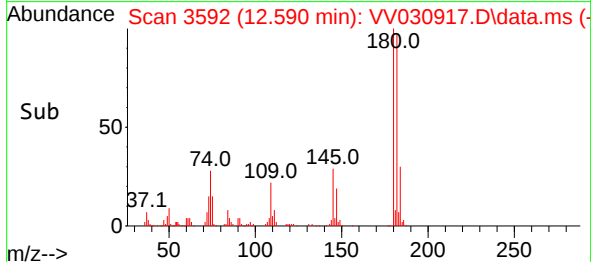
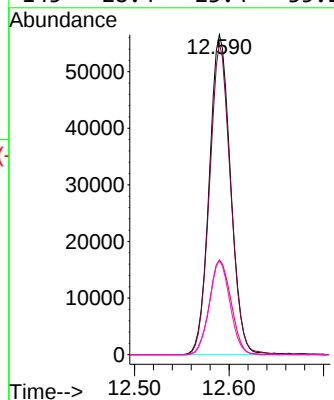
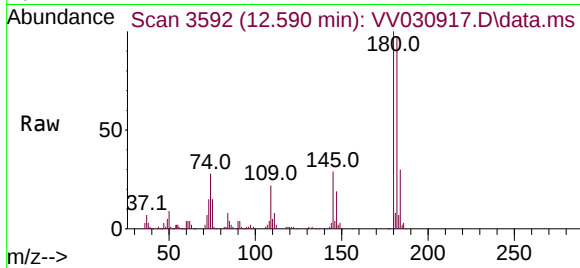




#69
1,3,5-Trichlorobenzene
Concen: 4.970 ug/L
RT: 12.590 min Scan# 3592
Delta R.T. -0.000 min
Lab File: VV030917.D
Acq: 28 Apr 2023 13:13

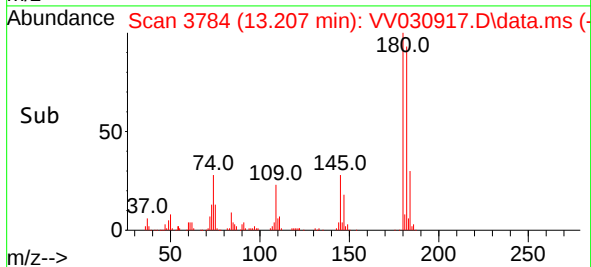
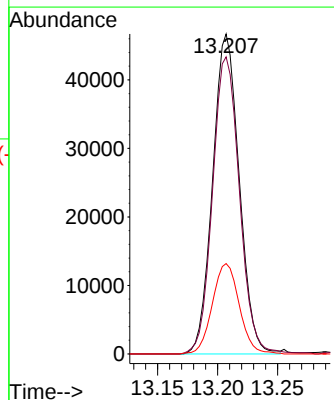
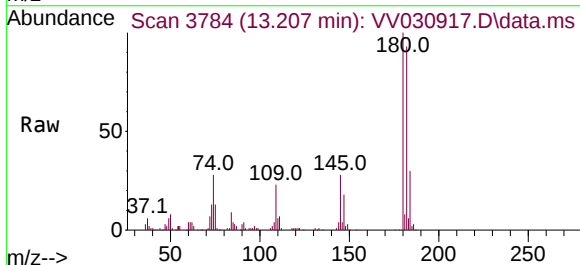
Instrument :
MSVOA_V
ClientSampleId :
VSTD005336

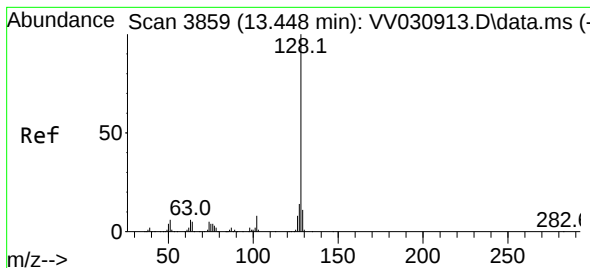
Tgt Ion:	180	Resp:	88422
Ion Ratio	Lower	Upper	
180	100		
182	95.7	75.1	112.7
184	29.9	24.1	36.1
145	28.4	23.4	35.2



#70
1,2,4-trichlorobenzene
Concen: 5.248 ug/L
RT: 13.207 min Scan# 3784
Delta R.T. -0.000 min
Lab File: VV030917.D
Acq: 28 Apr 2023 13:13

Tgt Ion:	180	Resp:	71753
Ion Ratio	Lower	Upper	
180	100		
182	94.3	76.0	114.0
145	28.7	22.9	34.3





#71

Naphthalene

Concen: 5.168 ug/L

RT: 13.445 min Scan# 3858

Delta R.T. -0.003 min

Lab File: VV030917.D

Acq: 28 Apr 2023 13:13

Instrument :

MSVOA_V

ClientSampleId :

VSTD005336

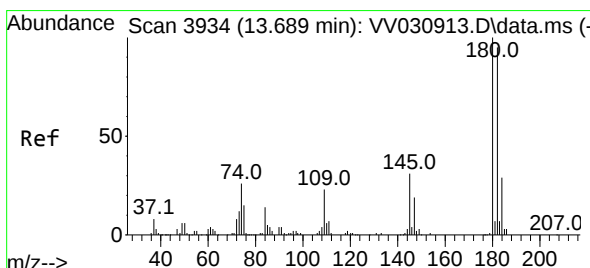
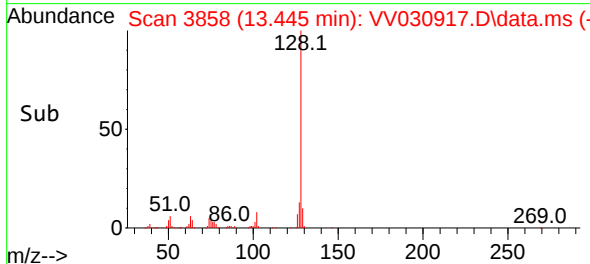
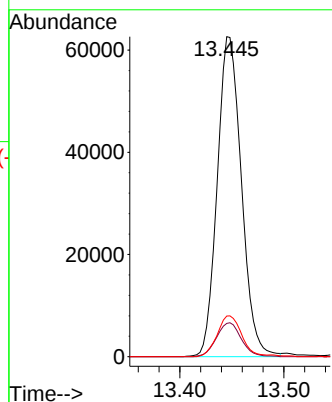
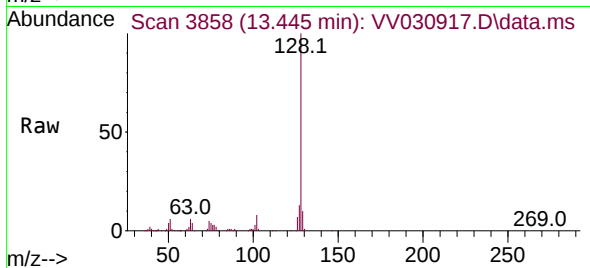
Tgt Ion:128 Resp: 101311

Ion Ratio Lower Upper

128 100

129 10.9 8.6 13.0

127 13.2 10.6 16.0



#72

1,2,3-Trichlorobenzene

Concen: 5.430 ug/L

RT: 13.689 min Scan# 3934

Delta R.T. -0.000 min

Lab File: VV030917.D

Acq: 28 Apr 2023 13:13

Tgt Ion:180 Resp: 62838

Ion Ratio Lower Upper

180 100

182 95.5 77.3 115.9

145 30.0 24.7 37.1

