

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW032023\
 Data File : VW030247.D
 Acq On : 20 Mar 2023 09:11
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005308

Quant Time: Mar 20 12:35:06 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR022323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Mar 17 22:49:08 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	118806	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.793	117	114531	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	65582	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	32566	4.236	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.800%
7) Chloroethane-d5	1.536	69	29733	4.120	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	82.400%
11) 1,1-Dichloroethene-d2	2.063	63	72429	4.583	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	91.600%
20) 2-Butanone-d5	3.841	46	71403	50.379	ug/L	0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.760%
24) Chloroform-d	4.259	84	73555	4.684	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.600%
26) 1,2-Dichloroethane-d4	4.950	65	35284	5.504	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	110.000%
32) Benzene-d6	4.970	84	126550	4.106	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.200%
36) 1,2-Dichloropropane-d6	5.995	67	37301	4.023	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	80.400%
41) Toluene-d8	7.249	98	122380	4.189	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.800%
43) trans-1,3-Dichloroprop...	7.561	79	15452	4.871	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	97.400%
46) 2-Hexanone-d5	8.037	63	61763	47.065	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.140%
56) 1,1,2,2-Tetrachloroeth...	10.162	84	30838	4.675	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.600%
66) 1,2-Dichlorobenzene-d4	11.571	152	47912	4.318	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	86.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	42559	4.403	ug/L	98
3) Chloromethane	1.217	50	61561	4.042	ug/L	96
5) Vinyl chloride	1.285	62	42079	4.157	ug/L	98
6) Bromomethane	1.491	94	10581	5.823	ug/L	95
8) Chloroethane	1.552	64	26227	4.252	ug/L	97
9) Trichlorofluoromethane	1.716	101	71811	4.944	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.073	101	40575	4.505	ug/L	97
12) 1,1-Dichloroethene	2.073	96	34341	4.307	ug/L	82
13) Acetone	2.179	43	53430	51.005	ug/L	65
14) Carbon disulfide	2.246	76	76303	3.577	ug/L	98
15) Methyl Acetate	2.400	43	11226	4.588	ug/L	99
16) Methylene chloride	2.452	84	36292	3.726	ug/L	92
17) Methyl tert-butyl Ether	2.712	73	73848	4.736	ug/L	# 93
18) trans-1,2-Dichloroethene	2.700	96	30446	4.014	ug/L	93
19) 1,1-Dichloroethane	3.118	63	66314	4.693	ug/L	98
21) 2-Butanone	3.925	43	70940	50.354	ug/L	80
22) cis-1,2-Dichloroethene	3.825	96	34777	4.148	ug/L	88
23) Bromochloromethane	4.156	128	16429	4.586	ug/L	95
25) Chloroform	4.285	83	73731	5.016	ug/L	98

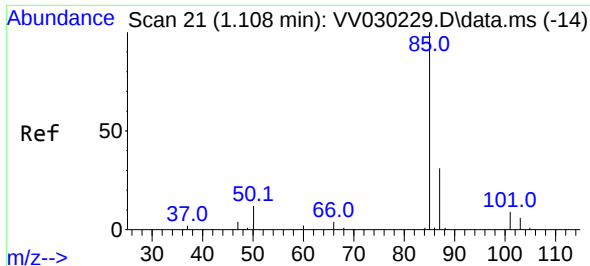
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 Data File : VV030247.D
 Acq On : 20 Mar 2023 09:11
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005308

Quant Time: Mar 20 12:35:06 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR022323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Mar 17 22:49:08 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.050	62	43698	5.684	ug/L #	92
29) 1,1,1-Trichloroethane	4.519	97	67278	5.001	ug/L	97
30) Cyclohexane	4.590	56	45984	3.956	ug/L	97
31) Carbon tetrachloride	4.741	117	59920	4.955	ug/L	99
33) Benzene	5.018	78	135397	4.329	ug/L	100
34) Trichloroethene	5.841	95	35783	4.083	ug/L	99
35) Methylcyclohexane	6.059	83	48920	3.688	ug/L	90
37) 1,2-Dichloropropane	6.101	63	36898	4.637	ug/L	100
38) Bromodichloromethane	6.439	83	51093	5.029	ug/L	99
39) cis-1,3-Dichloropropene	6.960	75	49229	4.226	ug/L	97
40) 4-Methyl-2-pentanone	7.169	43	193839	59.031	ug/L	91
42) Toluene	7.323	91	152779	4.510	ug/L	99
44) trans-1,3-Dichloropropene	7.587	75	44006	4.839	ug/L	97
45) 1,1,2-Trichloroethane	7.776	97	26604	4.672	ug/L	97
47) Tetrachloroethene	7.912	164	32396	4.306	ug/L	98
48) 2-Hexanone	8.088	43	144688	61.549	ug/L	91
49) Dibromochloromethane	8.185	129	32376	4.859	ug/L	99
50) 1,2-Dibromoethane	8.291	107	23226	4.372	ug/L	100
51) Chlorobenzene	8.821	112	99176	4.341	ug/L	99
52) Ethylbenzene	8.953	91	163400	4.432	ug/L	100
53) m,p-Xylene	9.079	106	63609	4.489	ug/L	97
54) o-Xylene	9.487	106	61535	4.546	ug/L	97
55) Styrene	9.503	104	107785	4.789	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.185	83	31985	5.022	ug/L	96
59) Bromoform	9.674	173	20098	5.113	ug/L	99
60) Isopropylbenzene	9.873	105	174173	4.616	ug/L	99
61) 1,2,3-Trichloropropane	10.217	75	22000	5.012	ug/L	97
62) 1,3,5-Trimethylbenzene	10.484	105	141177	4.555	ug/L	99
63) 1,2,4-Trimethylbenzene	10.860	105	145691	4.595	ug/L	99
64) 1,3-Dichlorobenzene	11.124	146	88797	4.519	ug/L	99
65) 1,4-Dichlorobenzene	11.217	146	91142	4.598	ug/L	97
67) 1,2-Dichlorobenzene	11.587	146	83066	4.788	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.374	75	5244	5.349	ug/L	91
69) 1,3,5-Trichlorobenzene	12.590	180	70225	4.348	ug/L	99
70) 1,2,4-trichlorobenzene	13.207	180	53223	4.067	ug/L	96
71) Naphthalene	13.448	128	71941	4.207	ug/L	100
72) 1,2,3-Trichlorobenzene	13.689	180	45281	4.204	ug/L	99

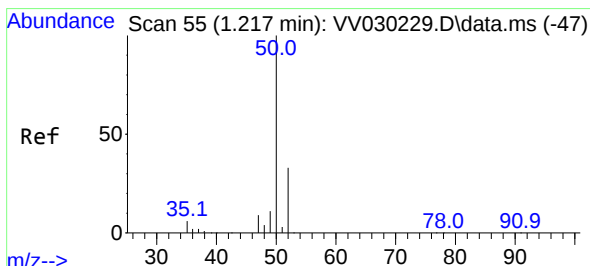
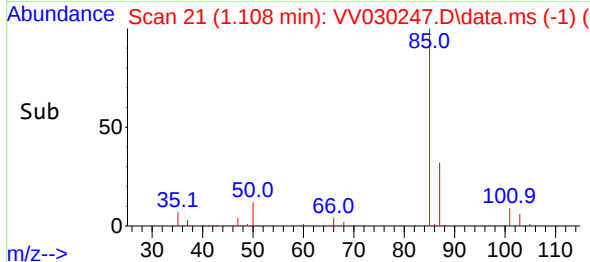
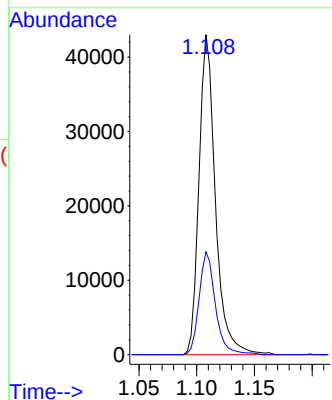
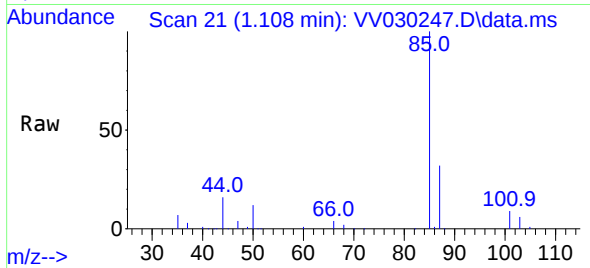
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#2
 Dichlorodifluoromethane
 Concen: 4.403 ug/L
 RT: 1.108 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VV030247.D
 Acq: 20 Mar 2023 09:11

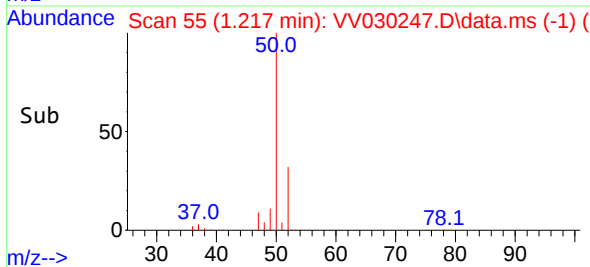
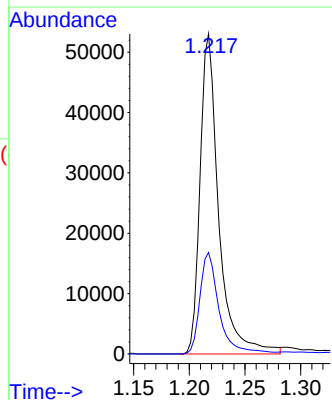
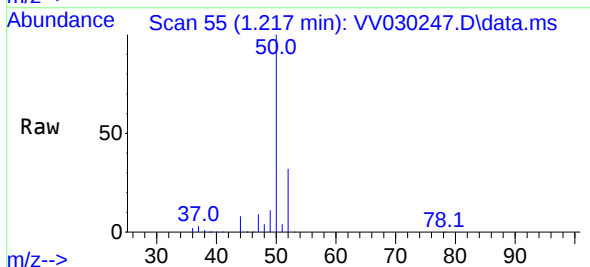
Instrument :
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 ClientSampleId :
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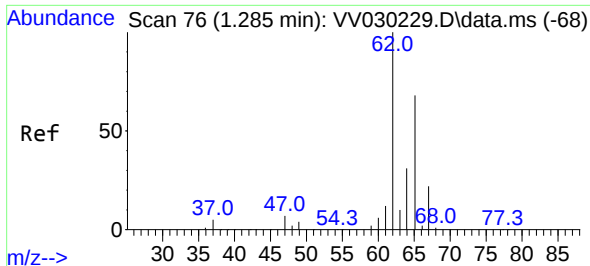
Tgt Ion: 85 Resp: 42559
 Ion Ratio Lower Upper
 85 100
 87 31.8 26.6 39.8



#3
 Chloromethane
 Concen: 4.042 ug/L
 RT: 1.217 min Scan# 55
 Delta R.T. 0.000 min
 Lab File: VV030247.D
 Acq: 20 Mar 2023 09:11

Tgt Ion: 50 Resp: 61561
 Ion Ratio Lower Upper
 50 100
 52 31.7 23.6 43.8

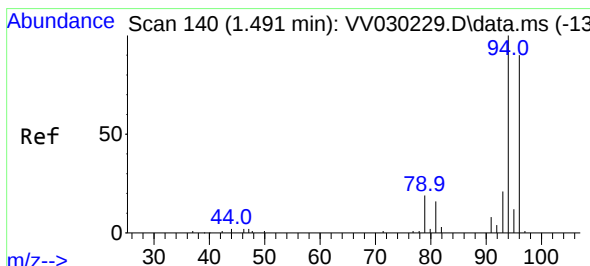
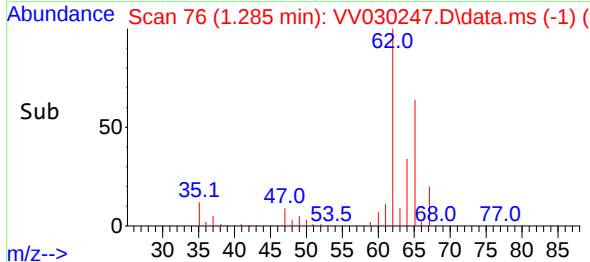
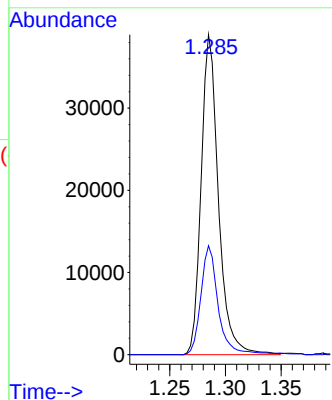
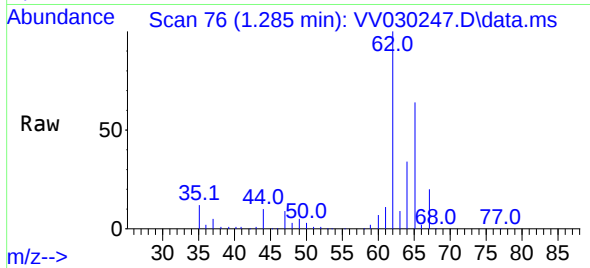




#5
 Vinyl chloride
 Concen: 4.157 ug/L
 RT: 1.285 min Scan# 76
 Delta R.T. 0.000 min
 Lab File: VV030247.D
 Acq: 20 Mar 2023 09:11

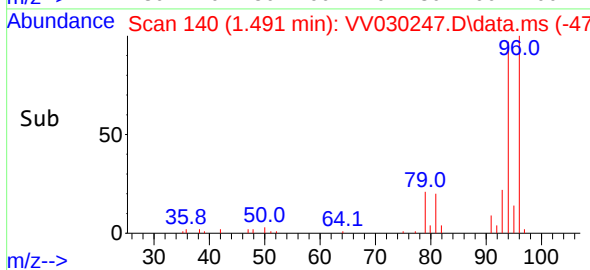
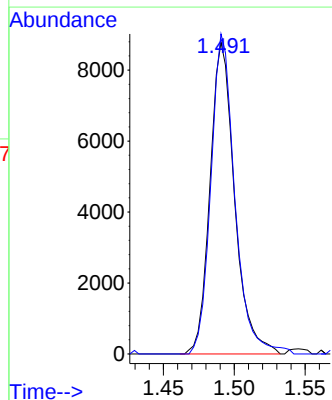
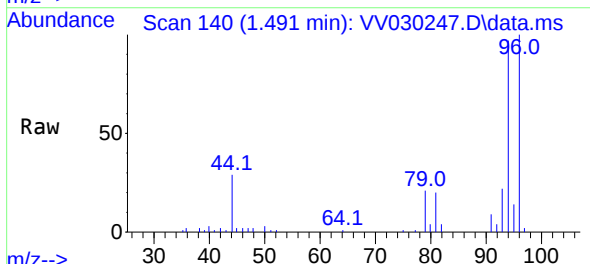
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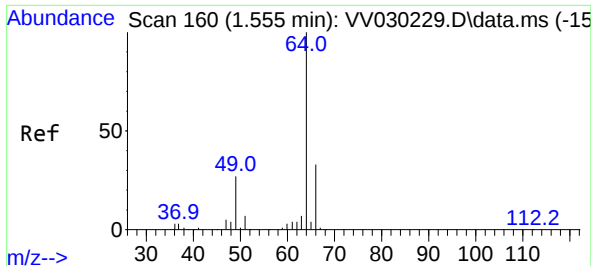
Tgt Ion: 62 Resp: 42079
 Ion Ratio Lower Upper
 62 100
 64 34.1 23.1 42.9



#6
 Bromomethane
 Concen: 5.823 ug/L
 RT: 1.491 min Scan# 140
 Delta R.T. 0.000 min
 Lab File: VV030247.D
 Acq: 20 Mar 2023 09:11

Tgt Ion: 94 Resp: 10581
 Ion Ratio Lower Upper
 94 100
 96 102.7 68.4 127.0

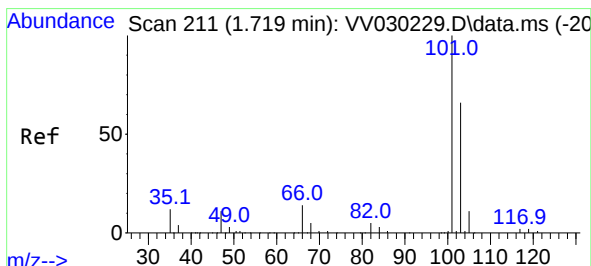
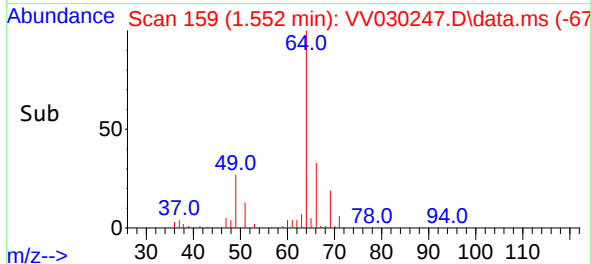
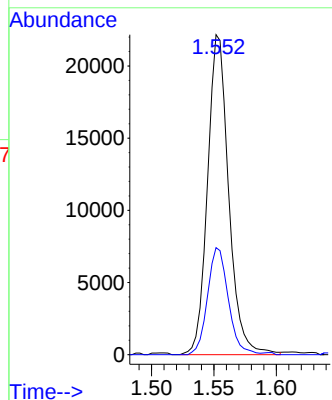
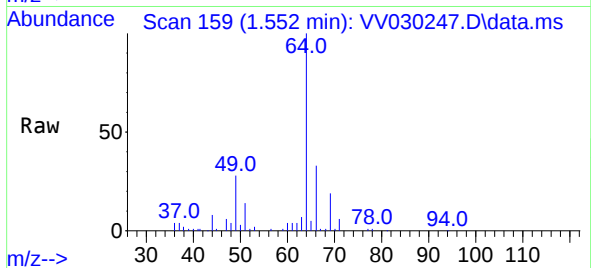




#8
Chloroethane
Concen: 4.252 ug/L
RT: 1.552 min Scan# 11
Delta R.T. -0.003 min
Lab File: VV030247.D
Acq: 20 Mar 2023 09:11

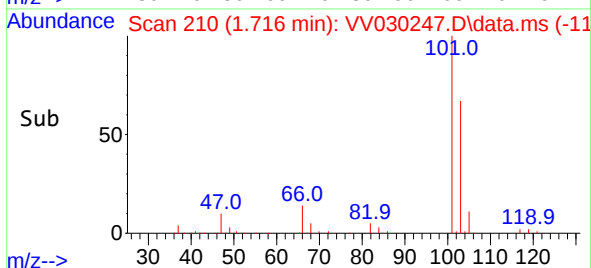
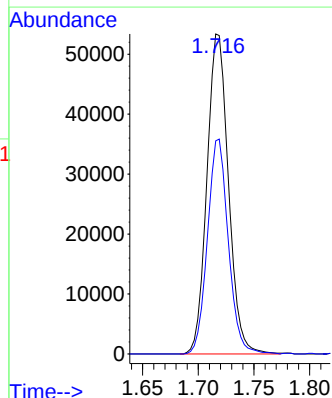
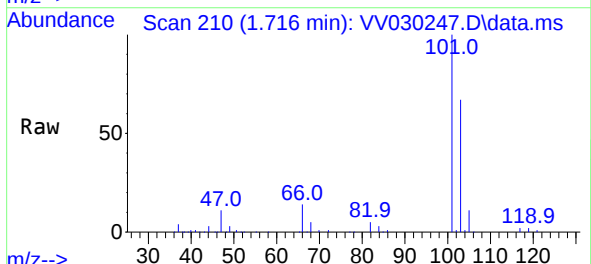
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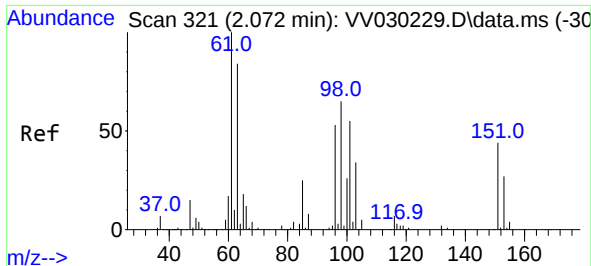
Tgt Ion: 64 Resp: 26227
Ion Ratio Lower Upper
64 100
66 33.5 22.4 41.6



#9
Trichlorofluoromethane
Concen: 4.944 ug/L
RT: 1.716 min Scan# 210
Delta R.T. -0.003 min
Lab File: VV030247.D
Acq: 20 Mar 2023 09:11

Tgt Ion: 101 Resp: 71811
Ion Ratio Lower Upper
101 100
103 65.0 52.7 79.1

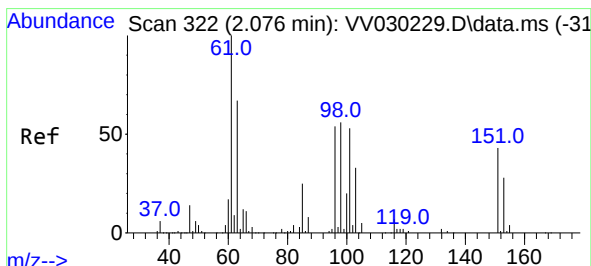
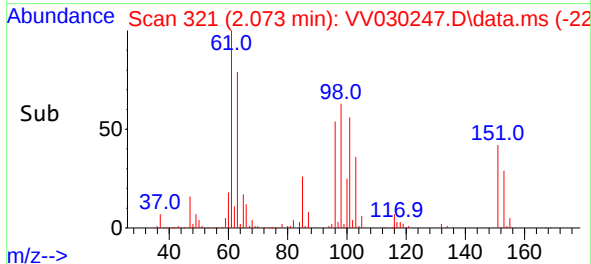
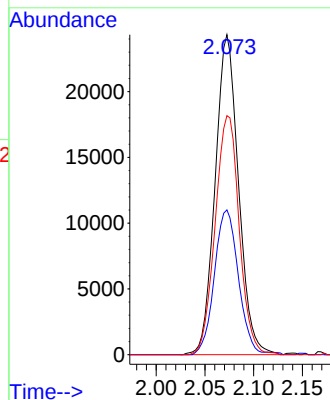
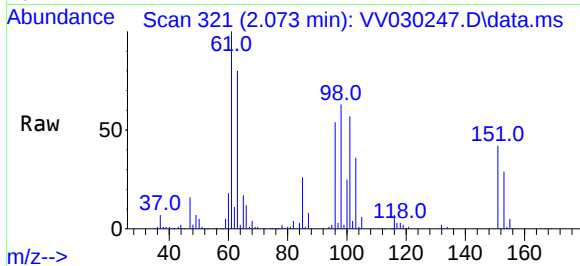




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 4.505 ug/L
 RT: 2.073 min Scan# 311
 Delta R.T. 0.000 min
 Lab File: VV030247.D
 Acq: 20 Mar 2023 09:11

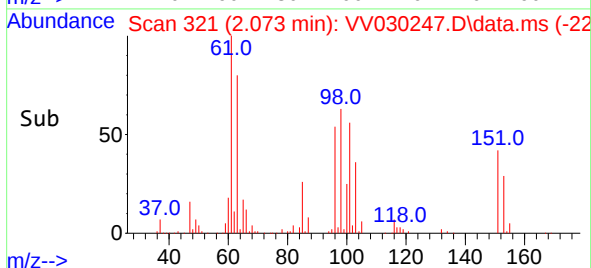
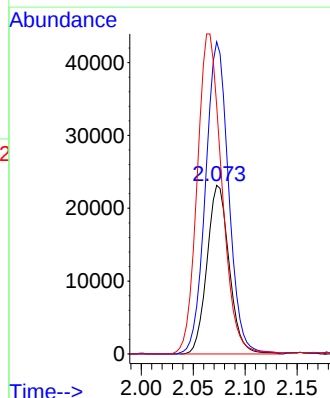
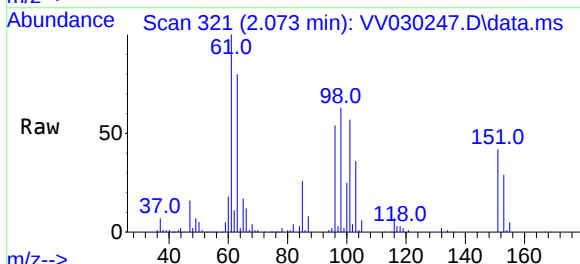
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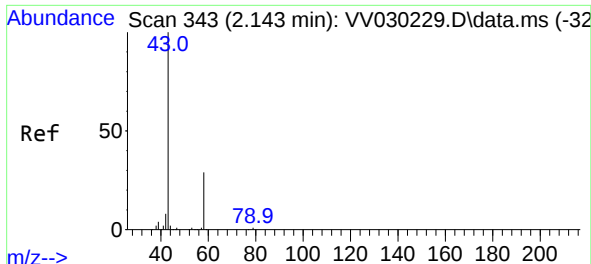
Tgt Ion:101 Resp: 40575
 Ion Ratio Lower Upper
 101 100
 85 46.7 33.5 50.3
 151 76.9 61.6 92.4



#12
 1,1-Dichloroethene
 Concen: 4.307 ug/L
 RT: 2.073 min Scan# 321
 Delta R.T. -0.003 min
 Lab File: VV030247.D
 Acq: 20 Mar 2023 09:11

Tgt Ion: 96 Resp: 34341
 Ion Ratio Lower Upper
 96 100
 61 185.2 115.6 214.6
 63 147.3 85.6 159.0





#13

Acetone

Concen: 51.005 ug/L

RT: 2.179 min Scan# 3

Delta R.T. 0.035 min

Lab File: VV030247.D

Acq: 20 Mar 2023 09:11

Instrument :

MSVOA_V

ClientSampleId :

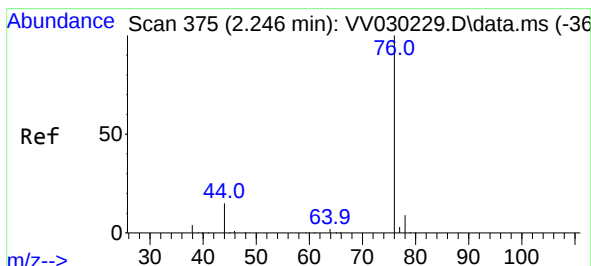
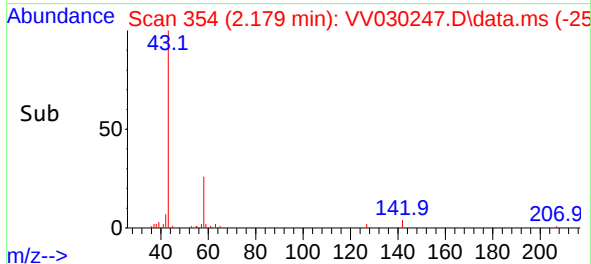
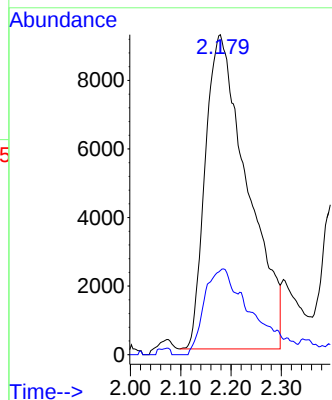
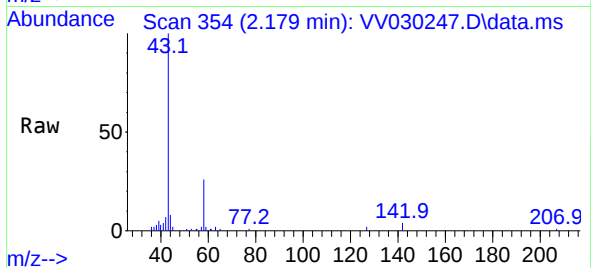
VSTD005308

Tgt Ion: 43 Resp: 53430

Ion Ratio Lower Upper

43 100

58 29.3 0.0 29.4



#14

Carbon disulfide

Concen: 3.577 ug/L

RT: 2.246 min Scan# 375

Delta R.T. 0.000 min

Lab File: VV030247.D

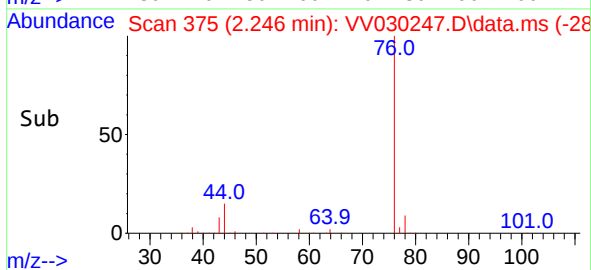
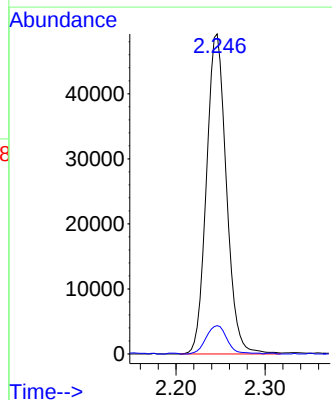
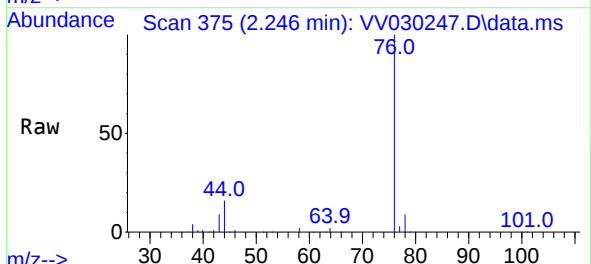
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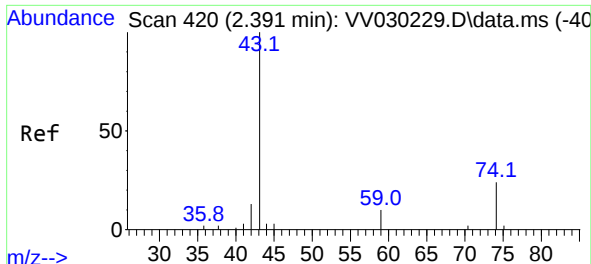
Tgt Ion: 76 Resp: 76303

Ion Ratio Lower Upper

76 100

78 8.9 7.7 11.5

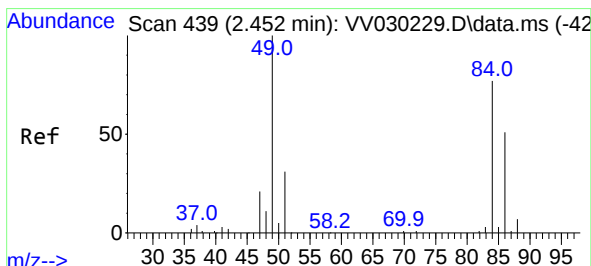
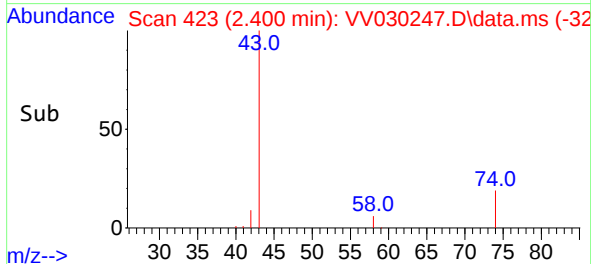
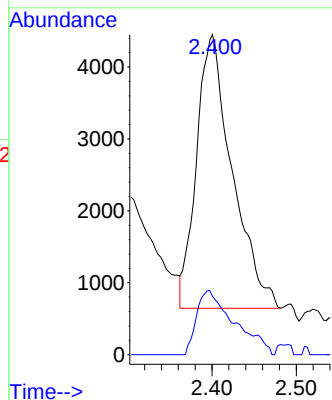
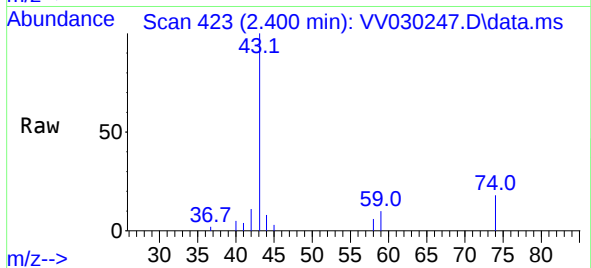




#15
Methyl Acetate
Concen: 4.588 ug/L
RT: 2.400 min Scan# 41
Delta R.T. 0.010 min
Lab File: VV030247.D
Acq: 20 Mar 2023 09:11

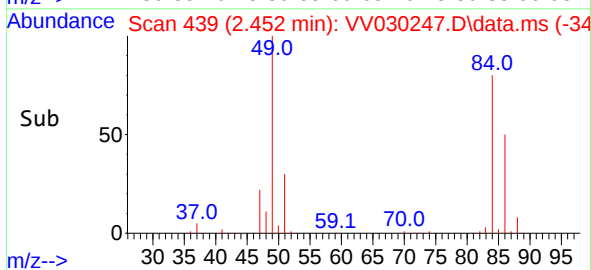
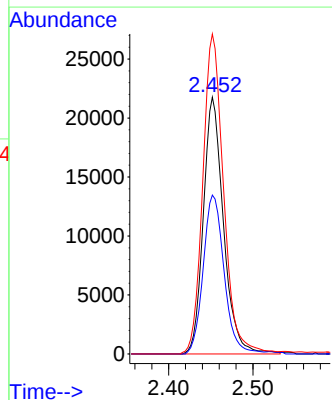
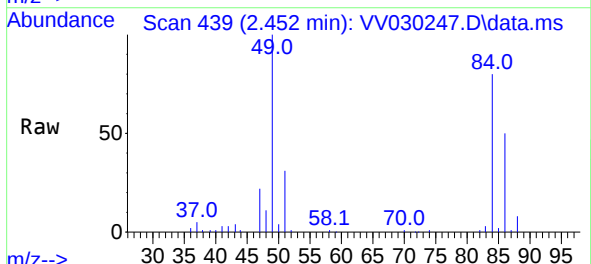
Instrument :
MSVOA_V
ClientSampleId :
VSTD005308

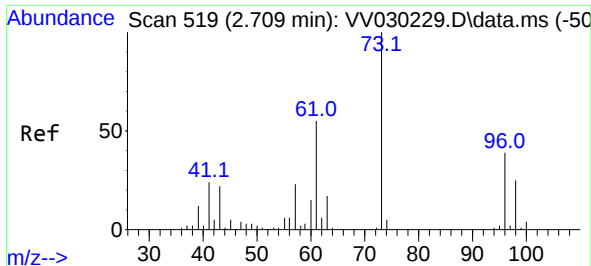
Tgt Ion: 43 Resp: 11226
Ion Ratio Lower Upper
43 100
74 24.7 20.1 30.1



#16
Methylene chloride
Concen: 3.726 ug/L
RT: 2.452 min Scan# 439
Delta R.T. 0.000 min
Lab File: VV030247.D
Acq: 20 Mar 2023 09:11

Tgt Ion: 84 Resp: 36292
Ion Ratio Lower Upper
84 100
86 61.8 44.7 83.1
49 124.6 78.8 146.3

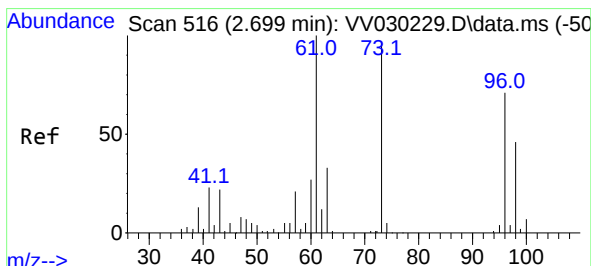
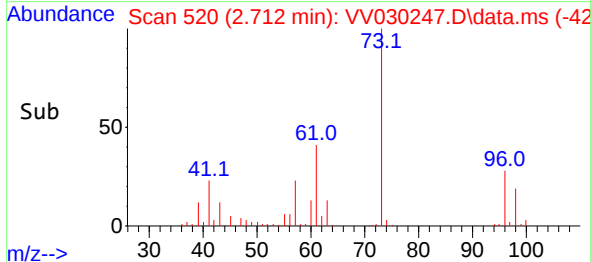
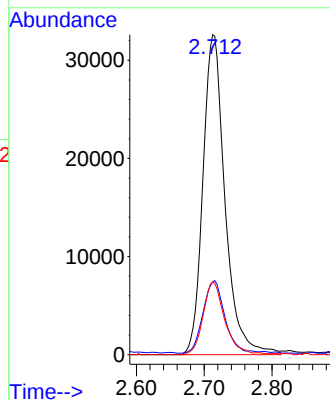
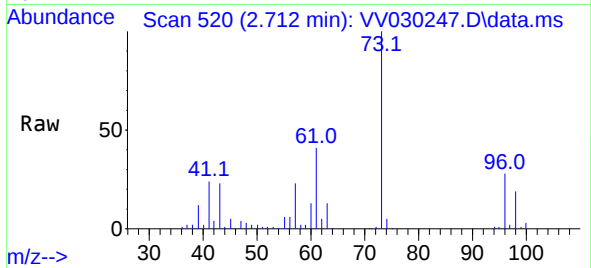




#17
Methyl tert-butyl Ether
Concen: 4.736 ug/L
RT: 2.712 min Scan# 519
Delta R.T. 0.003 min
Lab File: VV030247.D
Acq: 20 Mar 2023 09:11

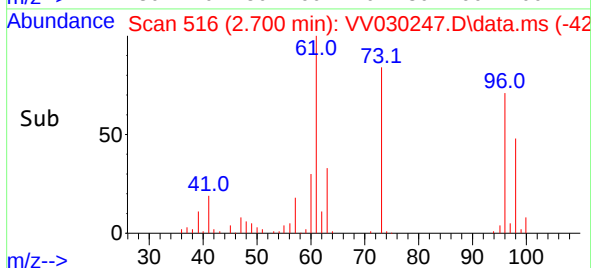
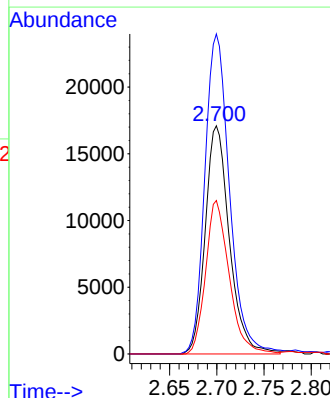
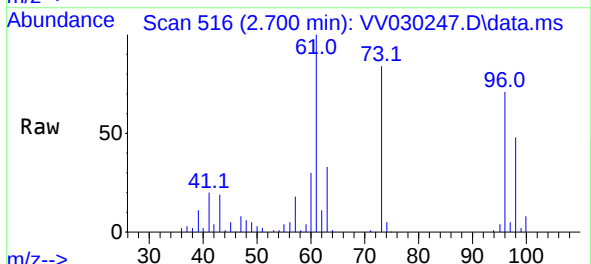
Instrument :
MSVOA_V
ClientSampleId :
VSTD005308

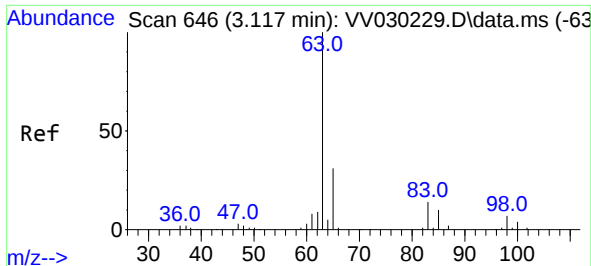
Tgt Ion: 73 Resp: 73848
Ion Ratio Lower Upper
73 100
43 22.3 13.4 20.2#
57 22.0 16.8 25.2



#18
trans-1,2-Dichloroethene
Concen: 4.014 ug/L
RT: 2.700 min Scan# 516
Delta R.T. 0.000 min
Lab File: VV030247.D
Acq: 20 Mar 2023 09:11

Tgt Ion: 96 Resp: 30446
Ion Ratio Lower Upper
96 100
61 140.3 91.0 169.0
98 67.3 45.2 84.0

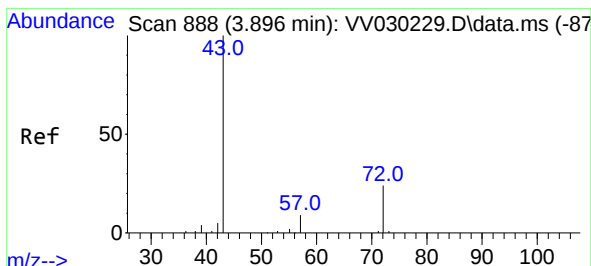
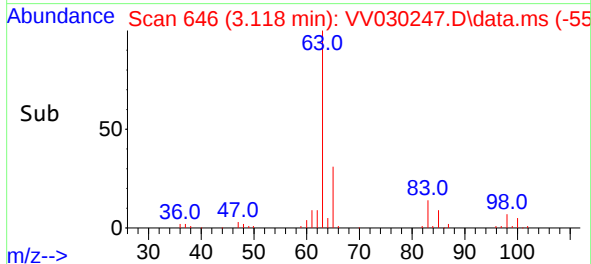
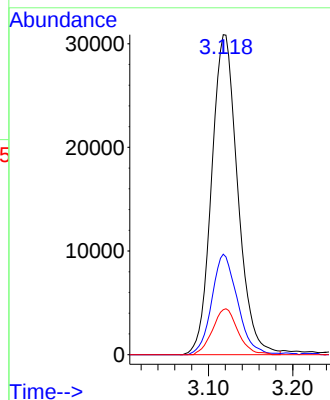
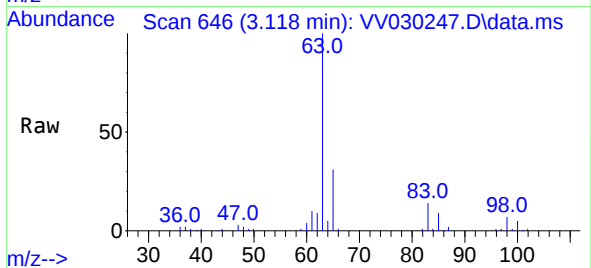




#19
1,1-Dichloroethane
Concen: 4.693 ug/L
RT: 3.118 min Scan# 64
Delta R.T. 0.000 min
Lab File: VV030247.D
Acq: 20 Mar 2023 09:11

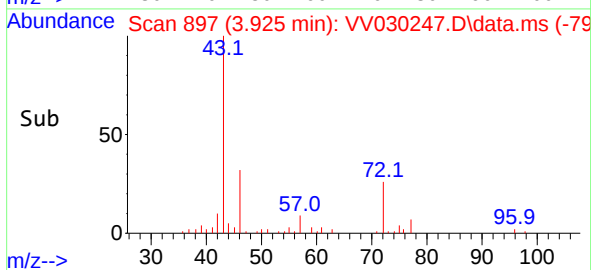
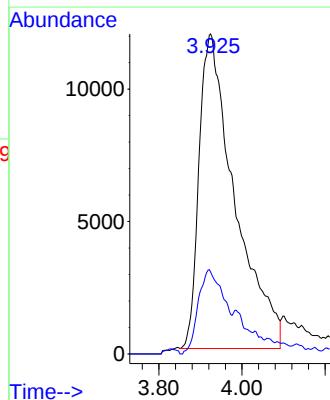
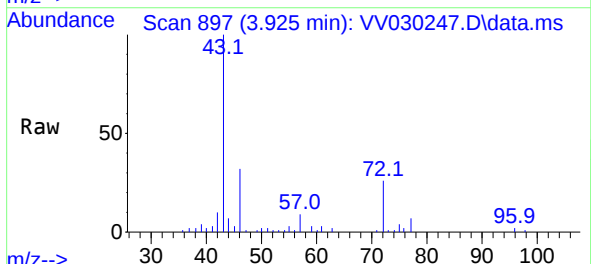
Instrument :
MSVOA_V
ClientSampleId :
VSTD005308

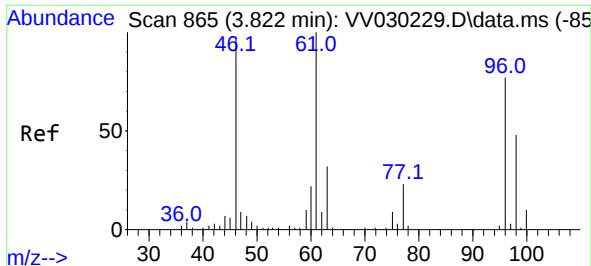
Tgt Ion:	63	Resp:	66314
Ion	Ratio	Lower	Upper
63	100		
65	31.4	23.0	42.8
83	14.1	9.6	17.8



#21
2-Butanone
Concen: 50.354 ug/L
RT: 3.925 min Scan# 897
Delta R.T. 0.029 min
Lab File: VV030247.D
Acq: 20 Mar 2023 09:11

Tgt Ion:	43	Resp:	70940
Ion	Ratio	Lower	Upper
43	100		
72	19.2	15.1	45.3

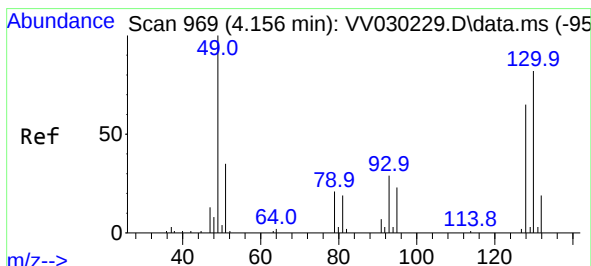
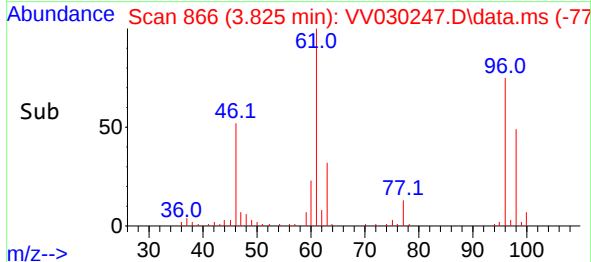
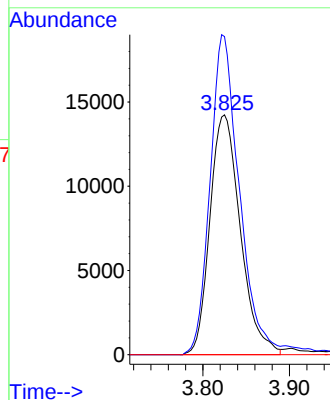
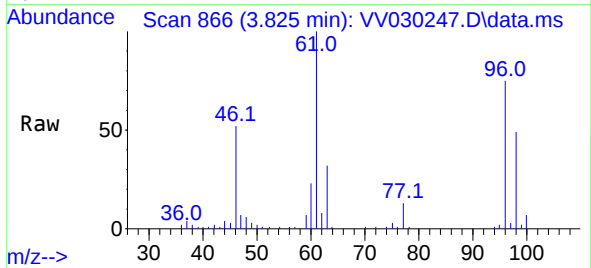




#22
cis-1,2-Dichloroethene
Concen: 4.148 ug/L
RT: 3.825 min Scan# 865
Delta R.T. 0.003 min
Lab File: VV030247.D
Acq: 20 Mar 2023 09:11

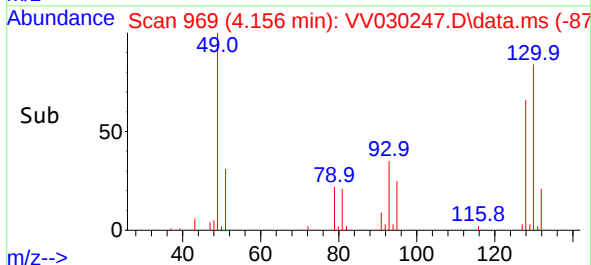
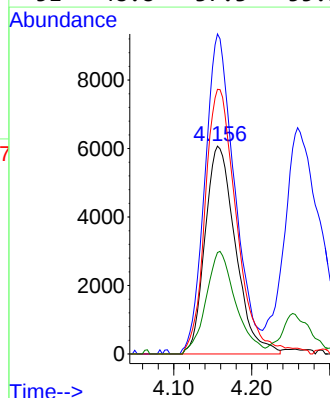
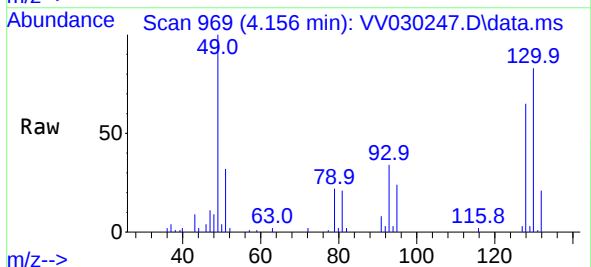
Instrument :
MSVOA_V
ClientSampleId :
VSTD005308

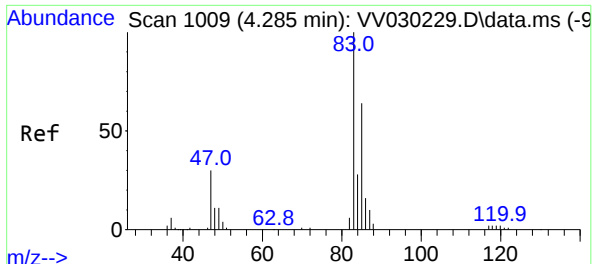
Tgt Ion: 96 Resp: 34777
Ion Ratio Lower Upper
96 100
61 132.6 83.4 154.8
68 0.0 0.0 0.0



#23
Bromochloromethane
Concen: 4.586 ug/L
RT: 4.156 min Scan# 969
Delta R.T. 0.000 min
Lab File: VV030247.D
Acq: 20 Mar 2023 09:11

Tgt Ion:128 Resp: 16429
Ion Ratio Lower Upper
128 100
49 153.9 99.5 184.9
130 127.3 90.5 168.1
51 48.8 37.3 55.9





#25

Chloroform

Concen: 5.016 ug/L

RT: 4.285 min Scan# 1009

Delta R.T. 0.000 min

Lab File: VV030247.D

Acq: 20 Mar 2023 09:11

Instrument :

MSVOA_V

ClientSampleId :

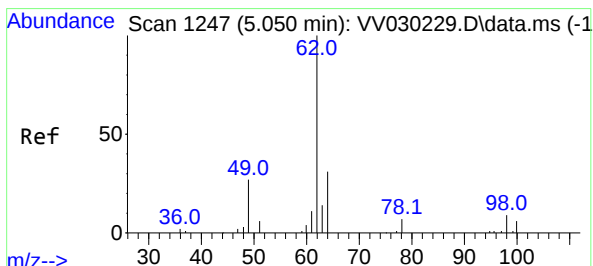
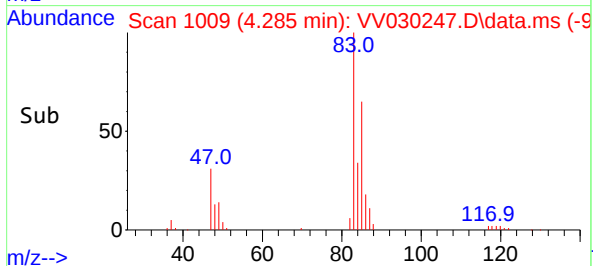
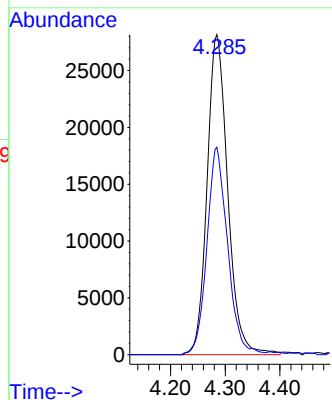
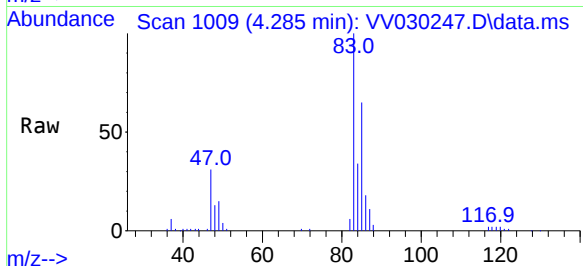
VSTD005308

Tgt Ion: 83 Resp: 73731

Ion Ratio Lower Upper

83 100

85 64.9 46.5 86.5



#27

1,2-Dichloroethane

Concen: 5.684 ug/L

RT: 5.050 min Scan# 1247

Delta R.T. 0.000 min

Lab File: VV030247.D

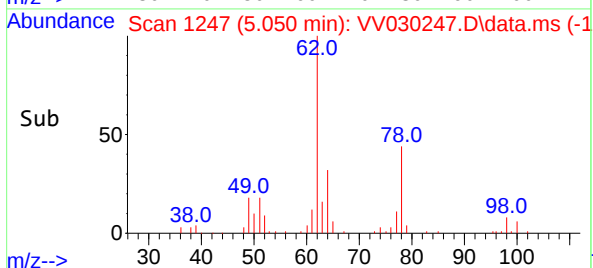
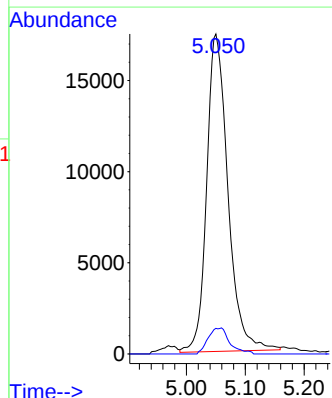
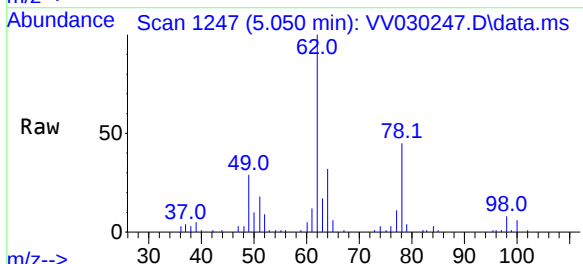
Acq: 20 Mar 2023 09:11

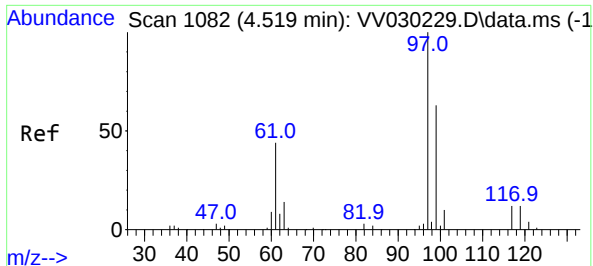
Tgt Ion: 62 Resp: 43698

Ion Ratio Lower Upper

62 100

98 8.0 9.0 13.4#





#29

1,1,1-Trichloroethane

Concen: 5.001 ug/L

RT: 4.519 min Scan# 1082

Delta R.T. 0.000 min

Lab File: VV030247.D

Acq: 20 Mar 2023 09:11

Instrument :

MSVOA_V

ClientSampleId :

VSTD005308

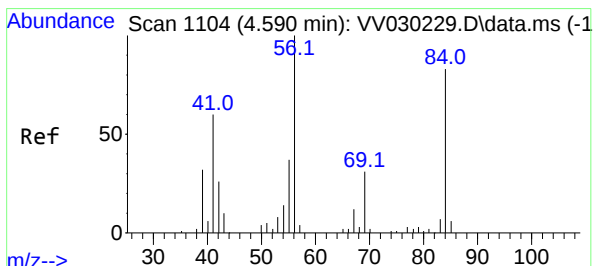
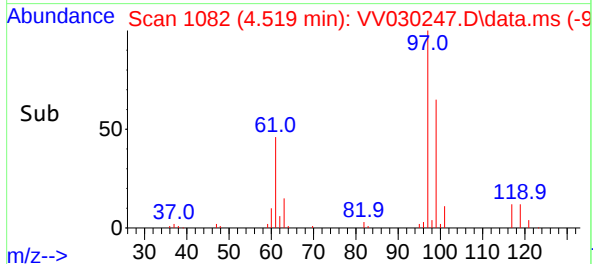
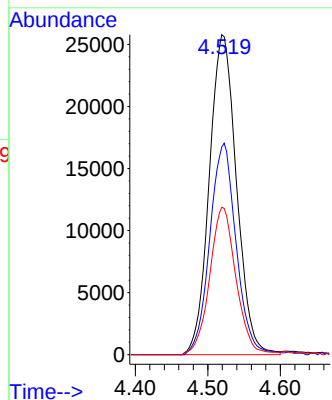
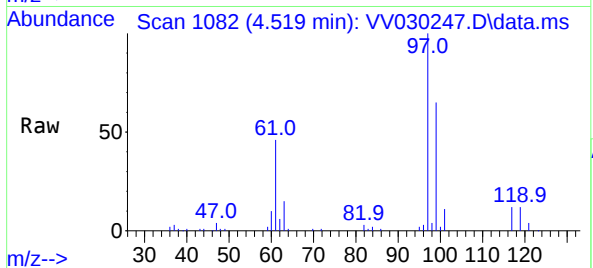
Tgt Ion: 97 Resp: 67278

Ion Ratio Lower Upper

97 100

99 64.0 51.3 76.9

61 44.4 31.5 47.3



#30

Cyclohexane

Concen: 3.956 ug/L

RT: 4.590 min Scan# 1104

Delta R.T. 0.000 min

Lab File: VV030247.D

Acq: 20 Mar 2023 09:11

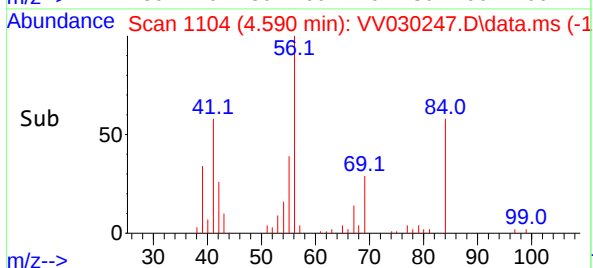
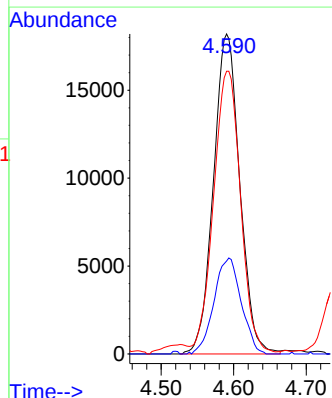
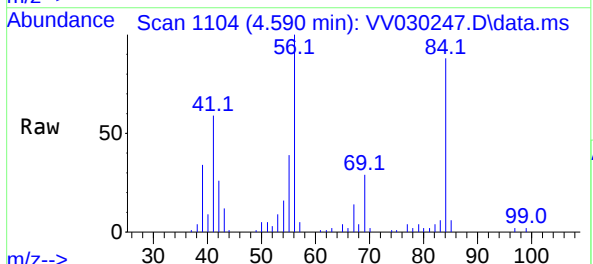
Tgt Ion: 56 Resp: 45984

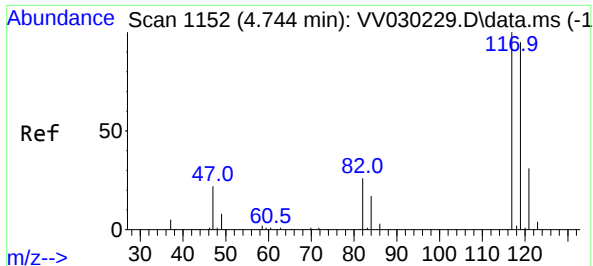
Ion Ratio Lower Upper

56 100

69 30.9 25.1 37.7

84 89.8 74.6 111.8

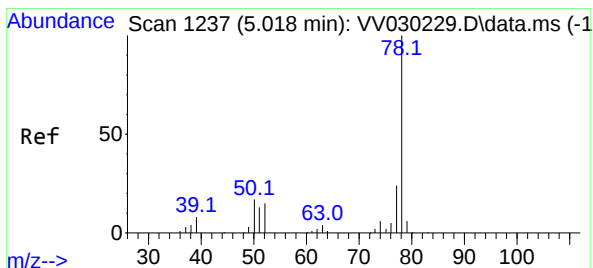
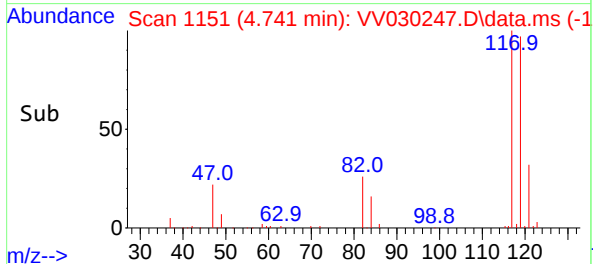
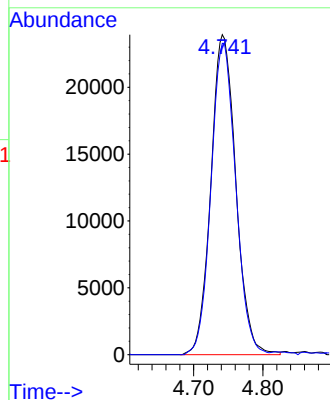
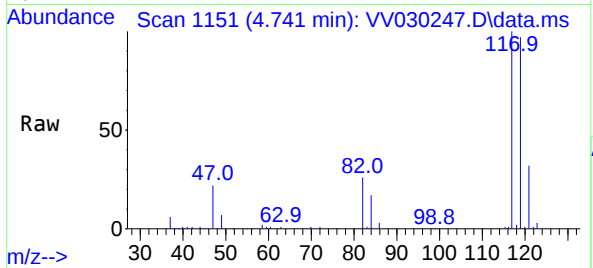




#31
Carbon tetrachloride
Concen: 4.955 ug/L
RT: 4.741 min Scan# 1152
Delta R.T. -0.003 min
Lab File: VV030247.D
Acq: 20 Mar 2023 09:11

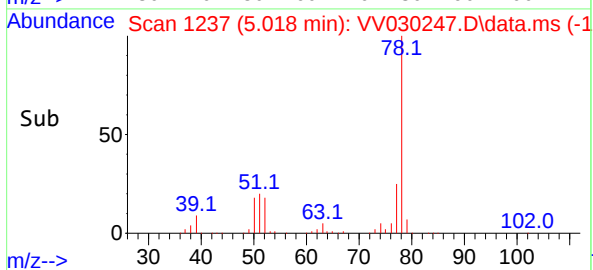
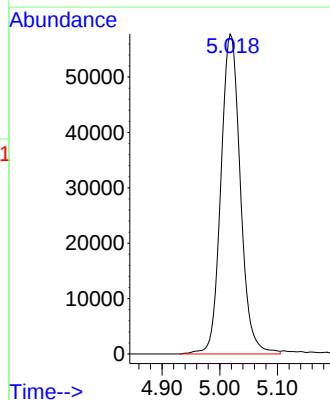
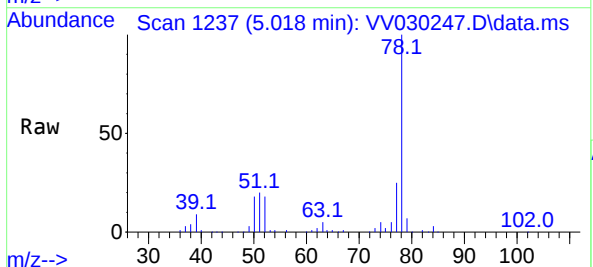
Instrument :
MSVOA_V
ClientSampleId :
VSTD005308

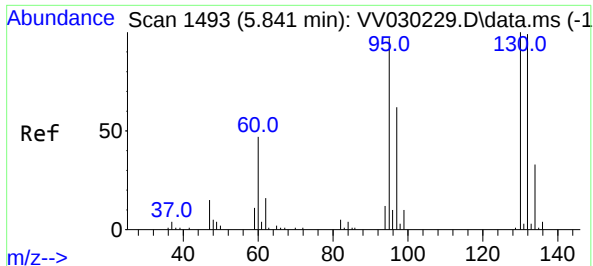
Tgt Ion:117 Resp: 59920
Ion Ratio Lower Upper
117 100
119 96.1 76.1 114.1



#33
Benzene
Concen: 4.329 ug/L
RT: 5.018 min Scan# 1237
Delta R.T. 0.000 min
Lab File: VV030247.D
Acq: 20 Mar 2023 09:11

Tgt Ion: 78 Resp: 135397



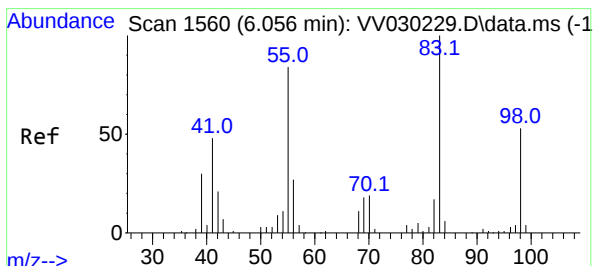
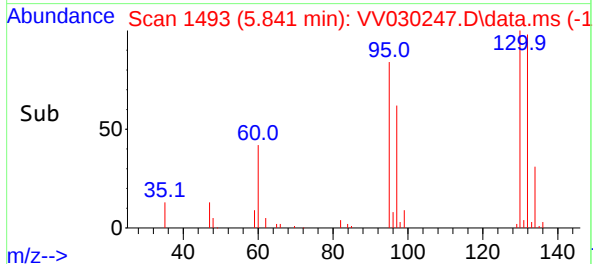
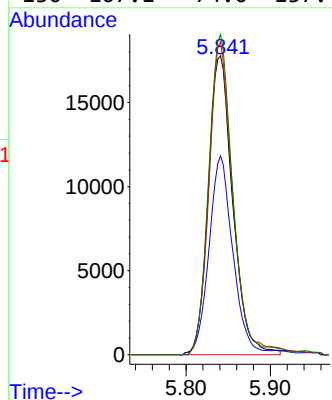
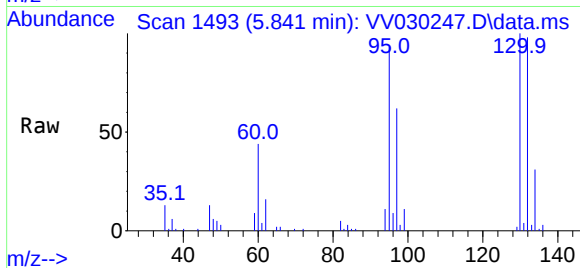


#34
Trichloroethene
Concen: 4.083 ug/L
RT: 5.841 min Scan# 1493
Delta R.T. 0.000 min
Lab File: VV030247.D
Acq: 20 Mar 2023 09:11

Instrument :
MSVOA_V
ClientSampleId :
VSTD005308

Tgt Ion: 95 Resp: 35783

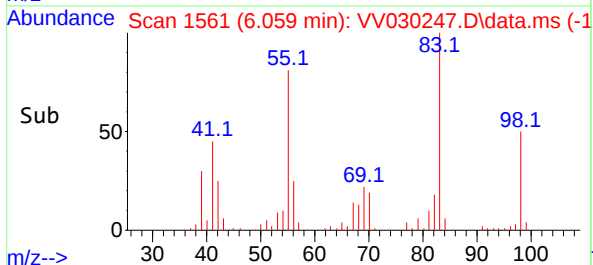
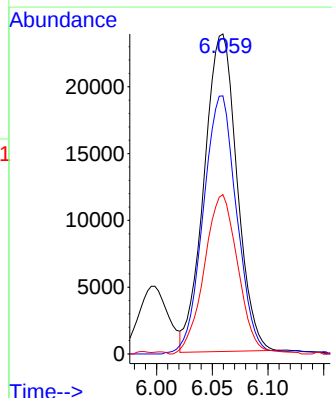
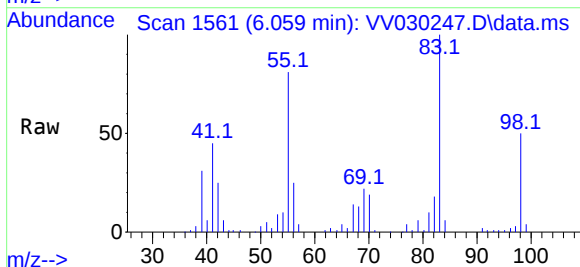
Ion	Ratio	Lower	Upper
95	100		
97	66.5	46.5	86.5
132	104.6	71.7	133.3
130	107.1	74.0	137.4

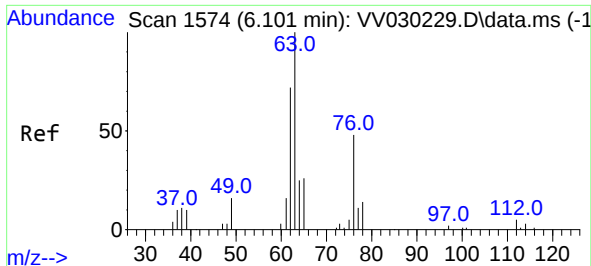


#35
Methylcyclohexane
Concen: 3.688 ug/L
RT: 6.059 min Scan# 1561
Delta R.T. 0.003 min
Lab File: VV030247.D
Acq: 20 Mar 2023 09:11

Tgt Ion: 83 Resp: 48920

Ion	Ratio	Lower	Upper
83	100		
55	83.0	57.6	86.4
98	51.4	38.8	58.2

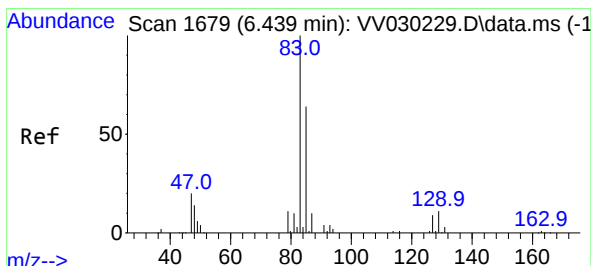
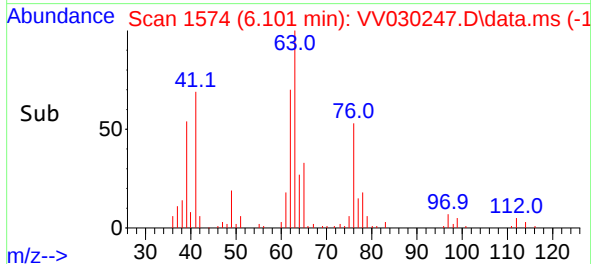
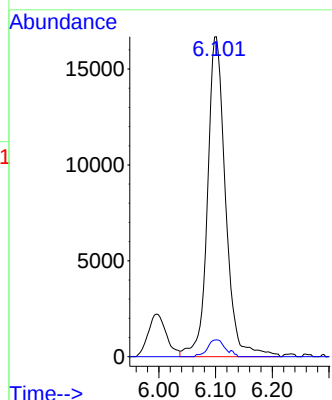
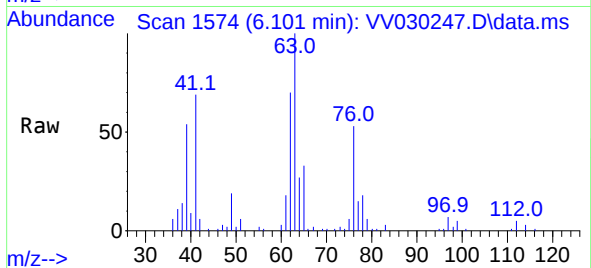




#37
1,2-Dichloropropane
Concen: 4.637 ug/L
RT: 6.101 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV030247.D
Acq: 20 Mar 2023 09:11

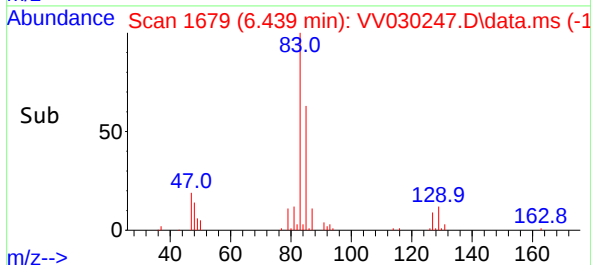
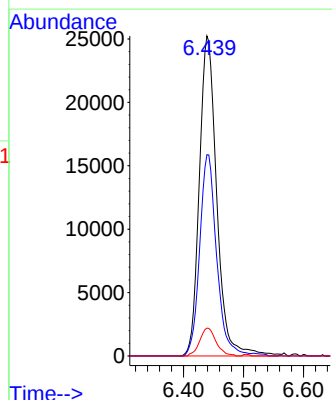
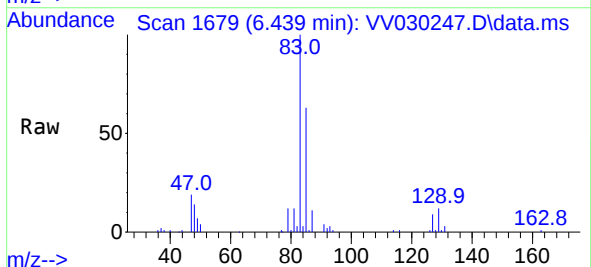
Instrument :
MSVOA_V
ClientSampleId :
VSTD005308

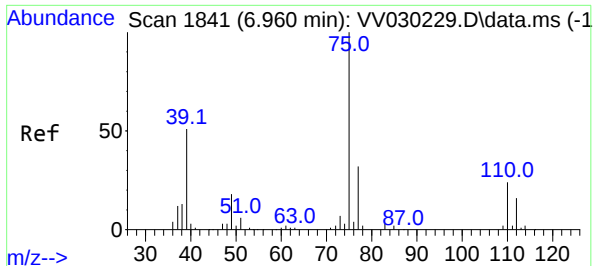
Tgt Ion: 63 Resp: 36898
Ion Ratio Lower Upper
63 100
112 4.8 3.8 5.6



#38
Bromodichloromethane
Concen: 5.029 ug/L
RT: 6.439 min Scan# 1679
Delta R.T. 0.000 min
Lab File: VV030247.D
Acq: 20 Mar 2023 09:11

Tgt Ion: 83 Resp: 51093
Ion Ratio Lower Upper
83 100
85 62.9 44.3 82.3
127 8.7 7.2 10.8





#39

cis-1,3-Dichloropropene

Concen: 4.226 ug/L

RT: 6.960 min Scan# 11

Delta R.T. 0.000 min

Lab File: VV030247.D

Acq: 20 Mar 2023 09:11

Instrument :

MSVOA_V

ClientSampleId :

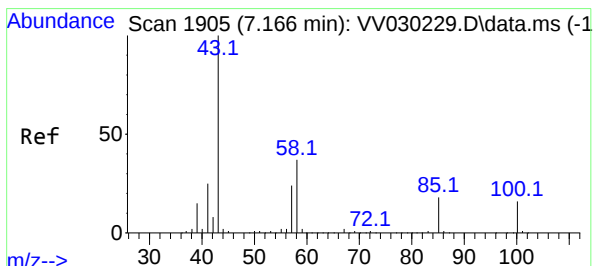
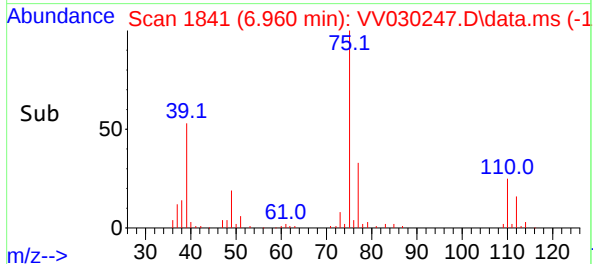
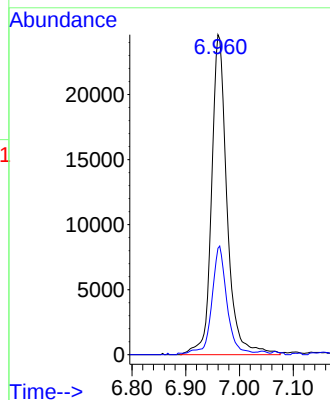
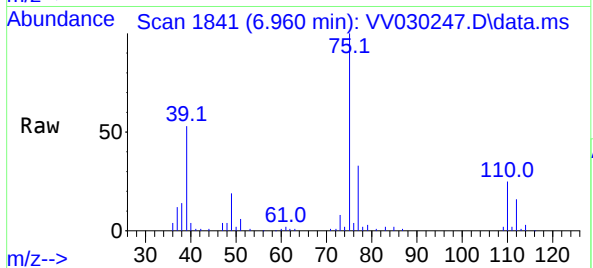
VSTD005308

Tgt Ion: 75 Resp: 49229

Ion Ratio Lower Upper

75 100

77 33.2 22.3 41.3



#40

4-Methyl-2-pentanone

Concen: 59.031 ug/L

RT: 7.169 min Scan# 1906

Delta R.T. 0.003 min

Lab File: VV030247.D

Acq: 20 Mar 2023 09:11

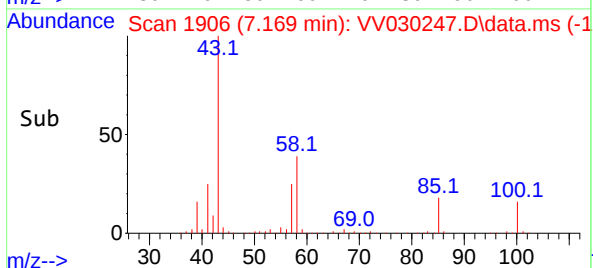
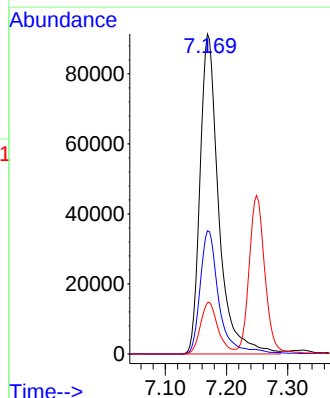
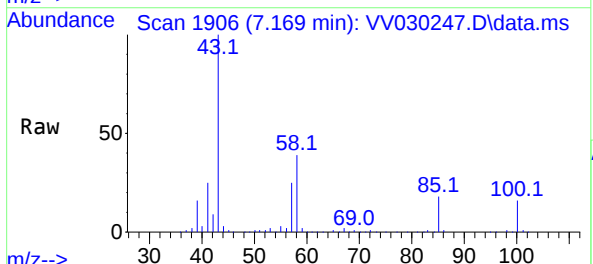
Tgt Ion: 43 Resp: 193839

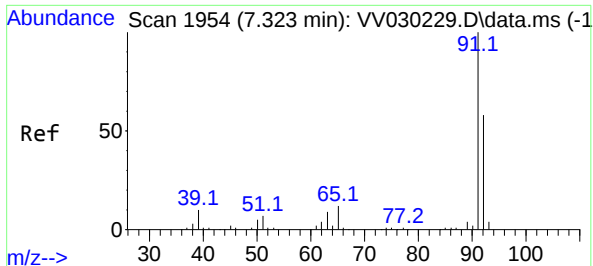
Ion Ratio Lower Upper

43 100

58 37.6 35.3 52.9

100 15.2 14.7 22.1





#42

Toluene

Concen: 4.510 ug/L

RT: 7.323 min Scan# 1954

Delta R.T. 0.000 min

Lab File: VV030247.D

Acq: 20 Mar 2023 09:11

Instrument :

MSVOA_V

ClientSampleId :

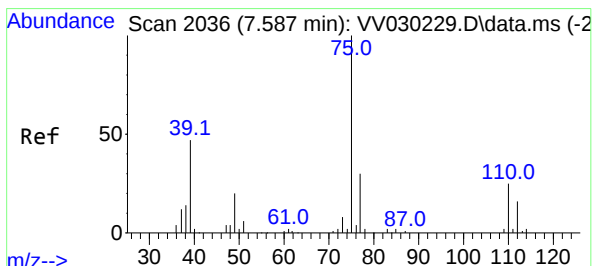
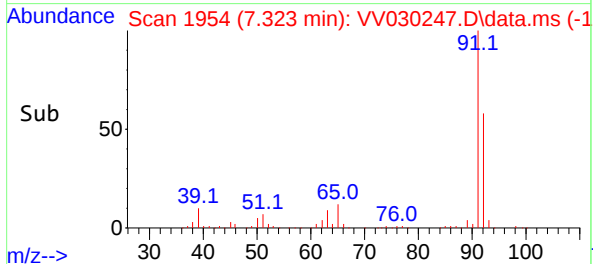
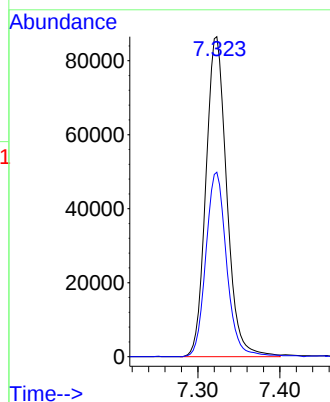
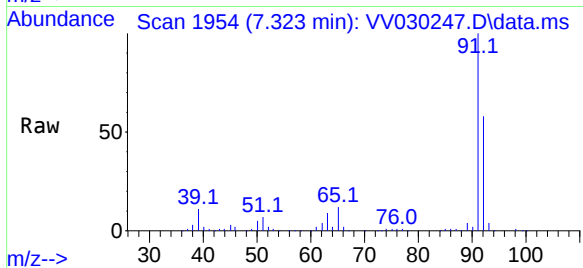
VSTD005308

Tgt Ion: 91 Resp: 152779

Ion Ratio Lower Upper

91 100

92 57.7 39.6 73.6



#44

trans-1,3-Dichloropropene

Concen: 4.839 ug/L

RT: 7.587 min Scan# 2036

Delta R.T. 0.000 min

Lab File: VV030247.D

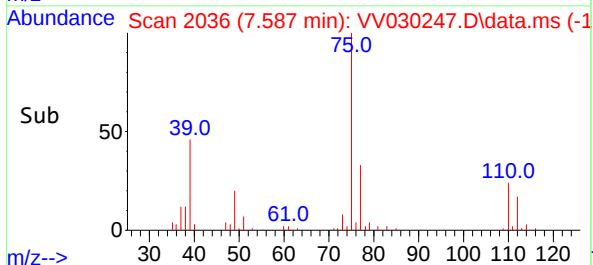
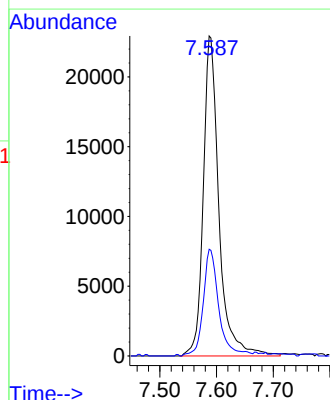
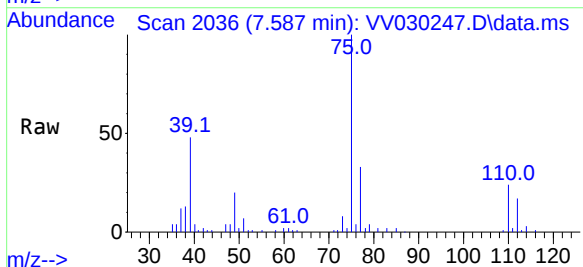
Acq: 20 Mar 2023 09:11

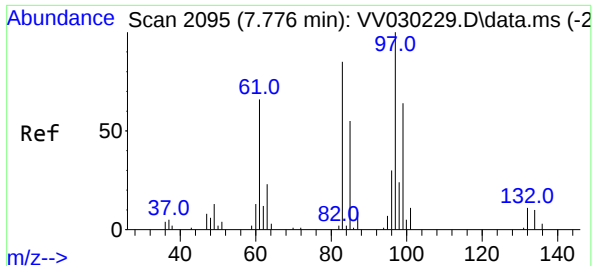
Tgt Ion: 75 Resp: 44006

Ion Ratio Lower Upper

75 100

77 33.4 22.1 41.1



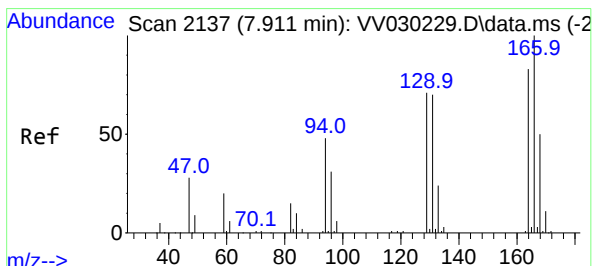
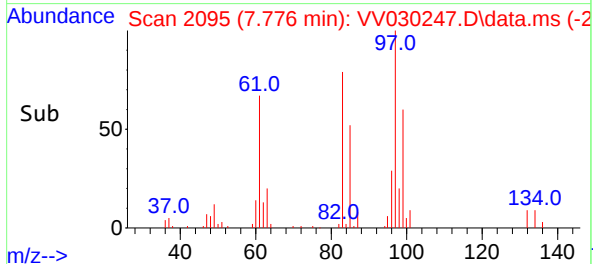
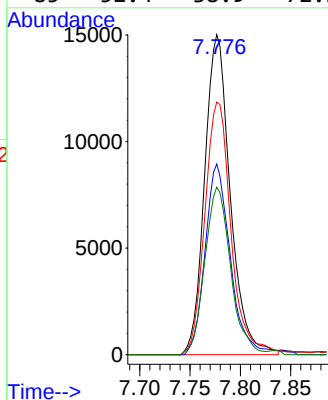
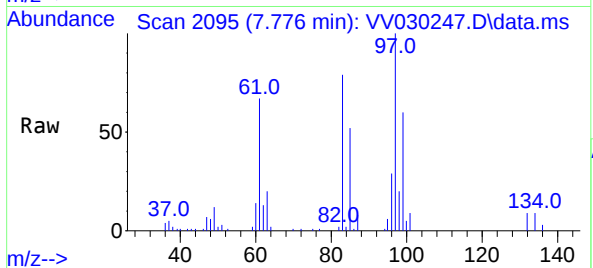


#45
1,1,2-Trichloroethane
Concen: 4.672 ug/L
RT: 7.776 min Scan# 2095
Delta R.T. 0.000 min
Lab File: VV030247.D
Acq: 20 Mar 2023 09:11

Instrument :
MSVOA_V
ClientSampleId :
VSTD005308

Tgt Ion: 97 Resp: 26604

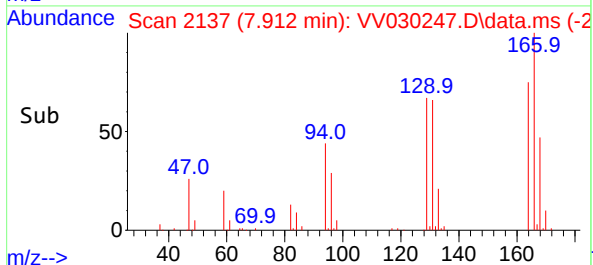
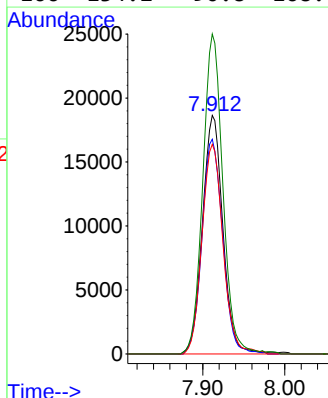
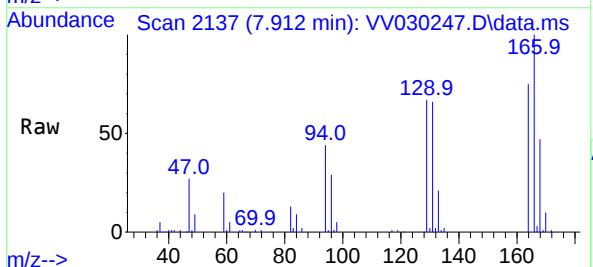
Ion	Ratio	Lower	Upper
97	100		
99	59.6	42.6	79.2
83	79.0	57.7	107.3
85	52.4	38.9	72.2

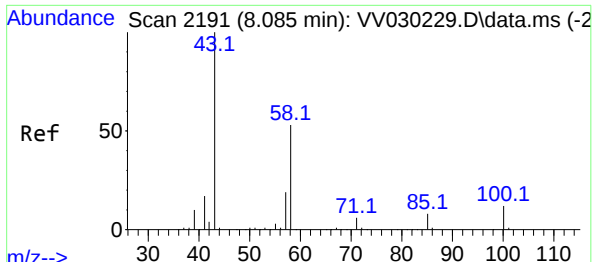


#47
Tetrachloroethene
Concen: 4.306 ug/L
RT: 7.912 min Scan# 2137
Delta R.T. 0.000 min
Lab File: VV030247.D
Acq: 20 Mar 2023 09:11

Tgt Ion: 164 Resp: 32396

Ion	Ratio	Lower	Upper
164	100		
129	90.0	63.6	118.2
131	87.9	61.7	114.7
166	134.2	90.8	168.6



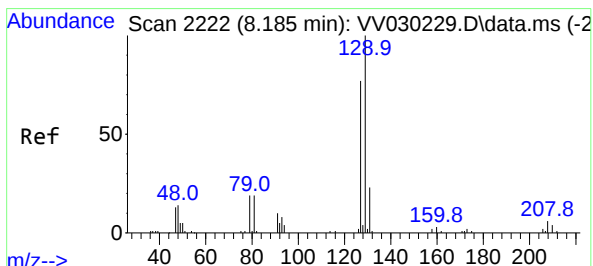
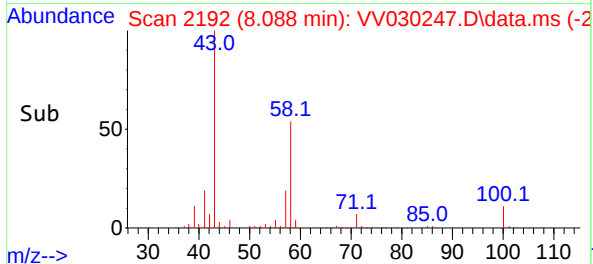
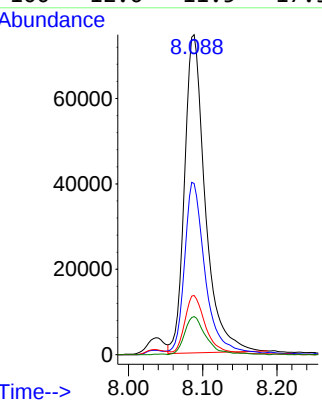
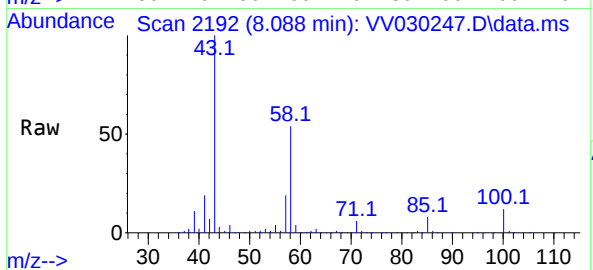


#48
2-Hexanone
Concen: 61.549 ug/L
RT: 8.088 min Scan# 2191
Delta R.T. 0.003 min
Lab File: VV030247.D
Acq: 20 Mar 2023 09:11

Instrument :
MSVOA_V
ClientSampleId :
VSTD005308

Tgt Ion: 43 Resp: 144688

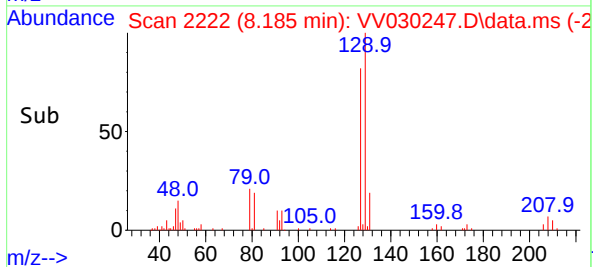
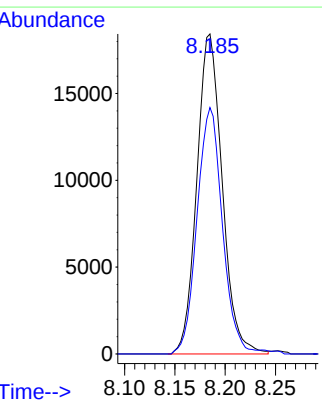
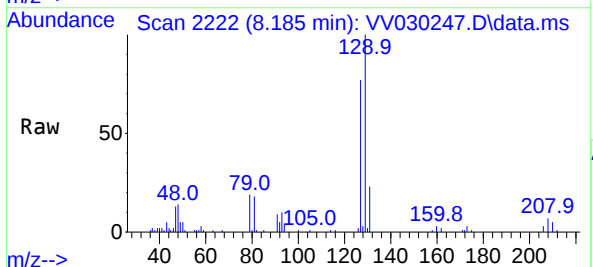
Ion	Ratio	Lower	Upper
43	100		
58	53.5	49.8	74.8
57	19.1	16.6	24.8
100	12.6	11.5	17.3

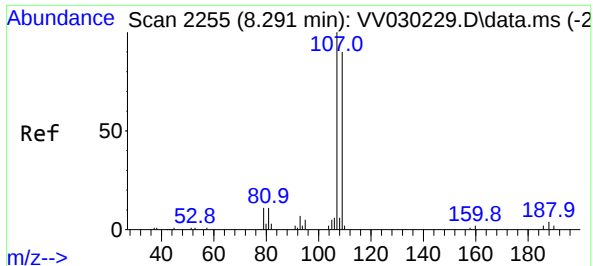


#49
Dibromochloromethane
Concen: 4.859 ug/L
RT: 8.185 min Scan# 2222
Delta R.T. 0.000 min
Lab File: VV030247.D
Acq: 20 Mar 2023 09:11

Tgt Ion: 129 Resp: 32376

Ion	Ratio	Lower	Upper
129	100		
127	77.0	54.7	101.5

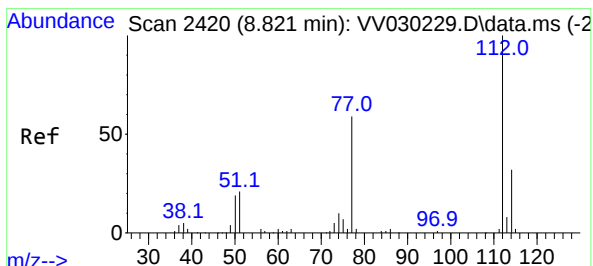
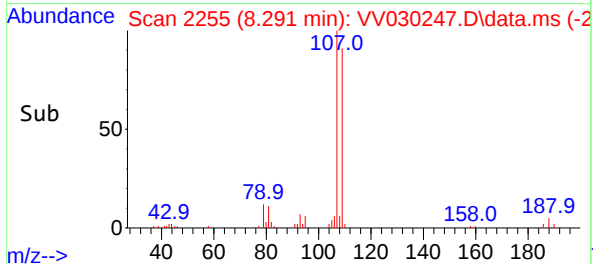
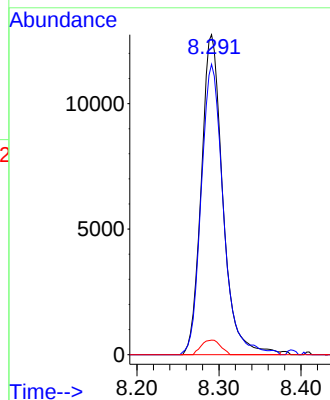
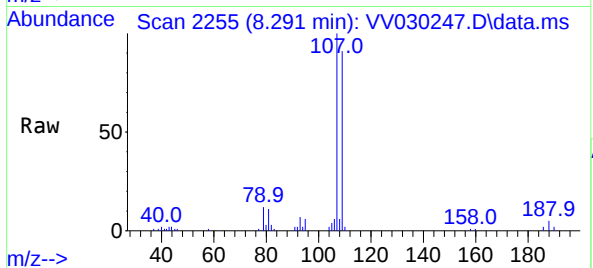




#50
1,2-Dibromoethane
Concen: 4.372 ug/L
RT: 8.291 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV030247.D
Acq: 20 Mar 2023 09:11

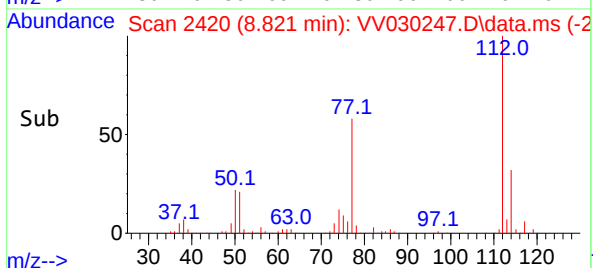
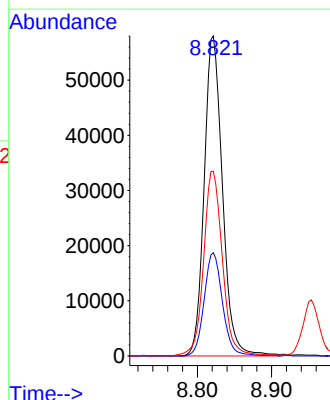
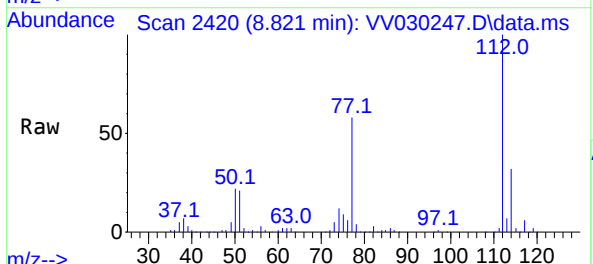
Instrument :
MSVOA_V
ClientSampleId :
VSTD005308

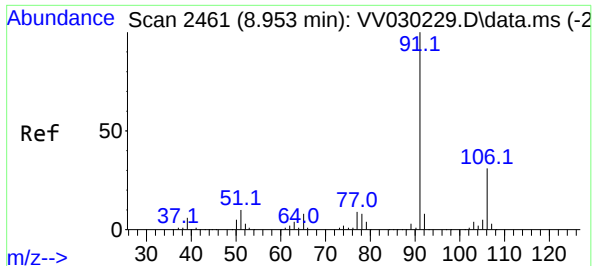
Tgt Ion:107 Resp: 23226
Ion Ratio Lower Upper
107 100
109 90.7 63.3 117.7
188 4.6 3.0 4.6



#51
Chlorobenzene
Concen: 4.341 ug/L
RT: 8.821 min Scan# 2420
Delta R.T. 0.000 min
Lab File: VV030247.D
Acq: 20 Mar 2023 09:11

Tgt Ion:112 Resp: 99176
Ion Ratio Lower Upper
112 100
114 32.2 22.5 41.7
77 57.8 45.3 67.9

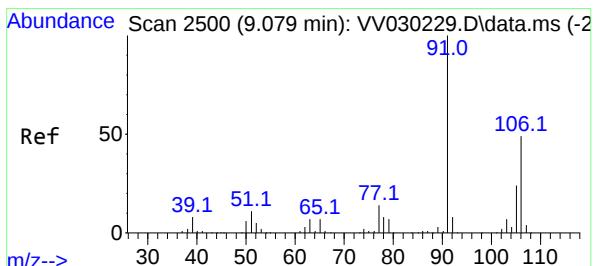
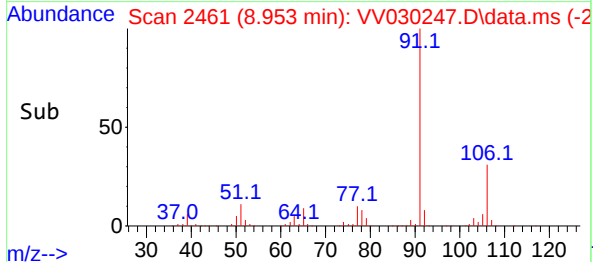
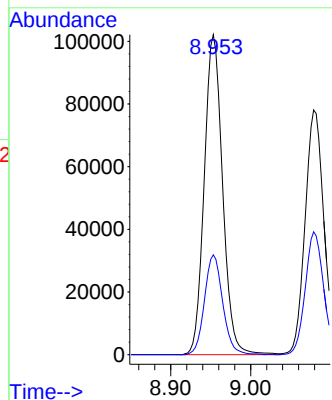
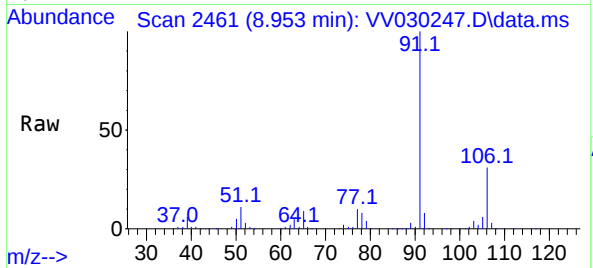




#52
Ethylbenzene
Concen: 4.432 ug/L
RT: 8.953 min Scan# 2461
Delta R.T. 0.000 min
Lab File: VV030247.D
Acq: 20 Mar 2023 09:11

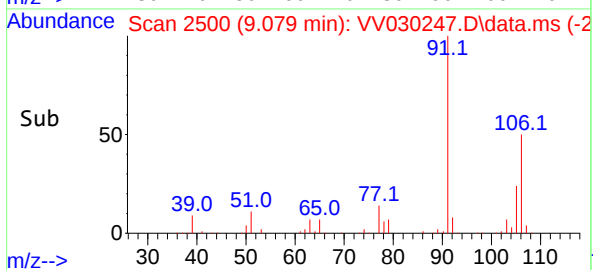
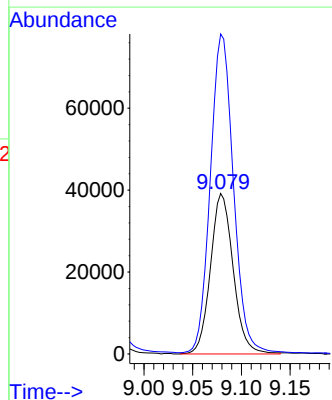
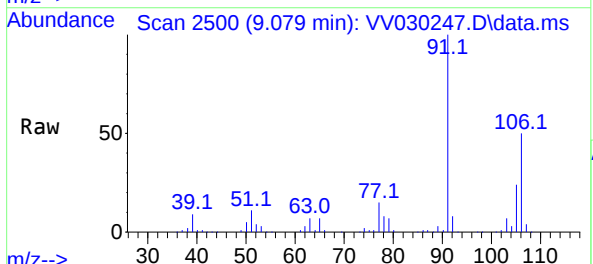
Instrument :
MSVOA_V
ClientSampleId :
VSTD005308

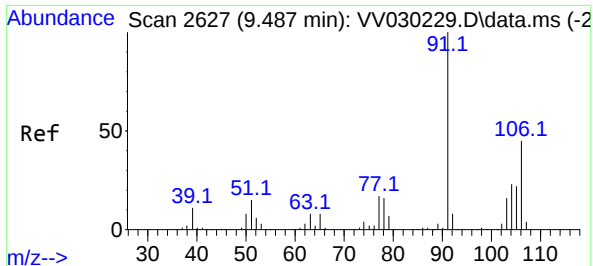
Tgt Ion: 91 Resp: 163400
Ion Ratio Lower Upper
91 100
106 31.2 22.0 40.8



#53
m,p-Xylene
Concen: 4.489 ug/L
RT: 9.079 min Scan# 2500
Delta R.T. 0.000 min
Lab File: VV030247.D
Acq: 20 Mar 2023 09:11

Tgt Ion: 106 Resp: 63609
Ion Ratio Lower Upper
106 100
91 199.3 142.5 264.7

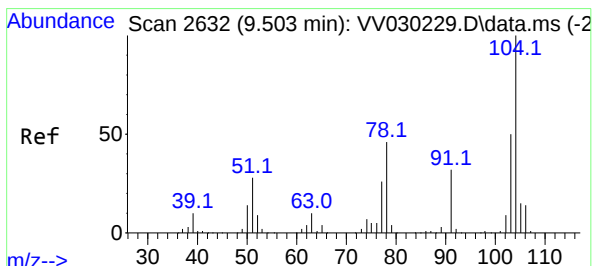
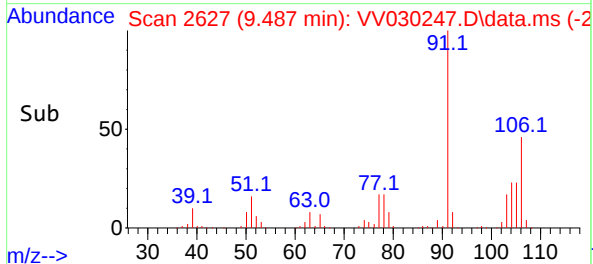
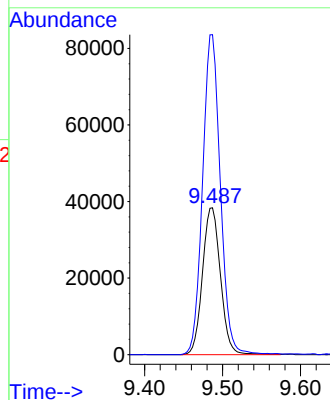
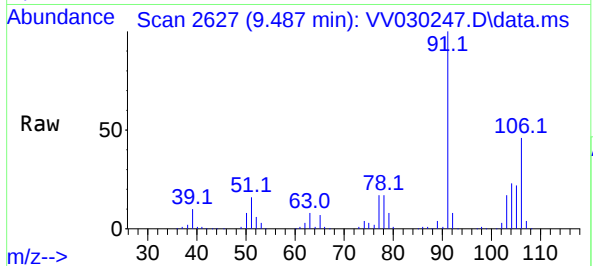




#54
o-Xylene
Concen: 4.546 ug/L
RT: 9.487 min Scan# 2627
Delta R.T. 0.000 min
Lab File: VV030247.D
Acq: 20 Mar 2023 09:11

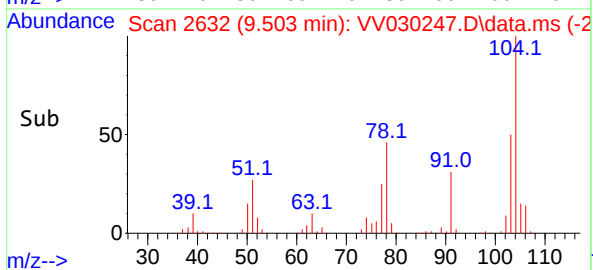
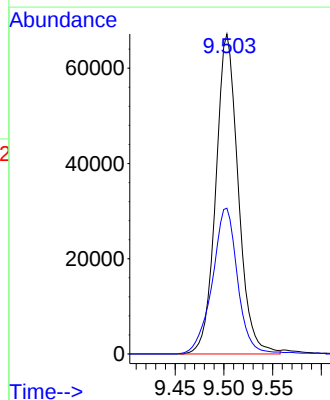
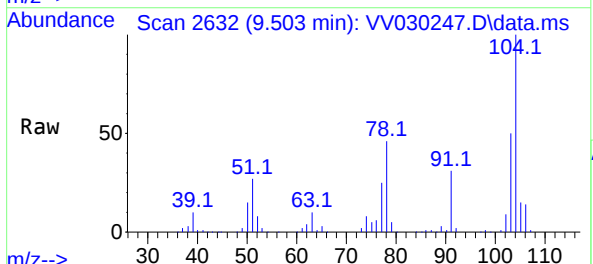
Instrument :
MSVOA_V
ClientSampleId :
VSTD005308

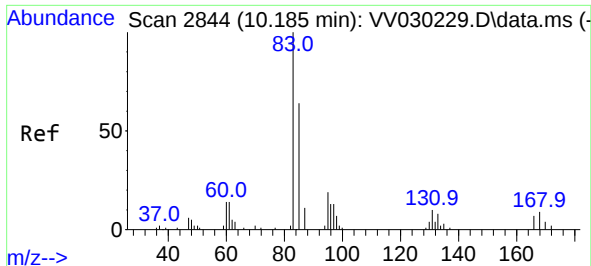
Tgt Ion:106 Resp: 61535
Ion Ratio Lower Upper
106 100
91 217.9 148.8 276.4



#55
Styrene
Concen: 4.789 ug/L
RT: 9.503 min Scan# 2632
Delta R.T. 0.000 min
Lab File: VV030247.D
Acq: 20 Mar 2023 09:11

Tgt Ion:104 Resp: 107785
Ion Ratio Lower Upper
104 100
78 45.5 31.1 57.9

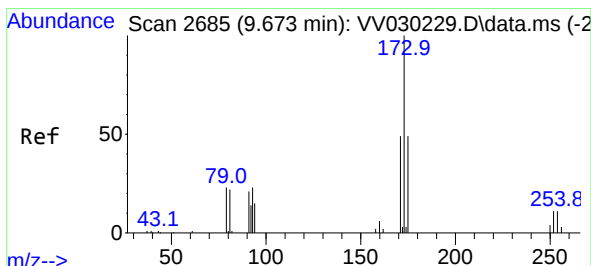
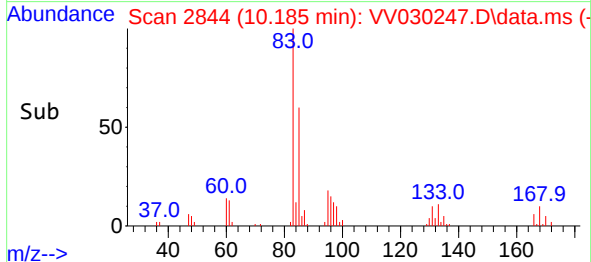
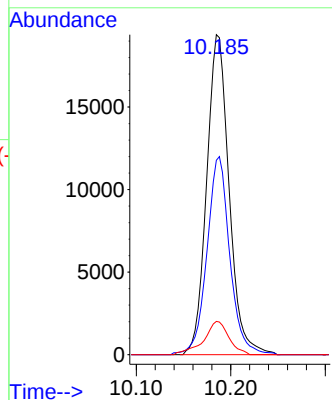
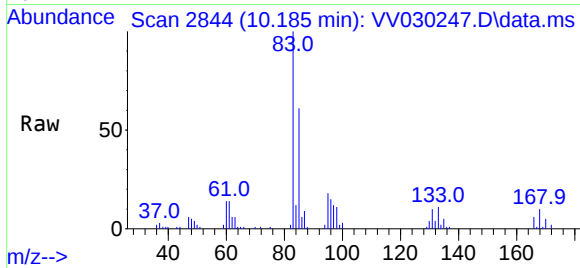




#57
1,1,2,2-Tetrachloroethane
Concen: 5.022 ug/L
RT: 10.185 min Scan# 2844
Delta R.T. 0.000 min
Lab File: VV030247.D
Acq: 20 Mar 2023 09:11

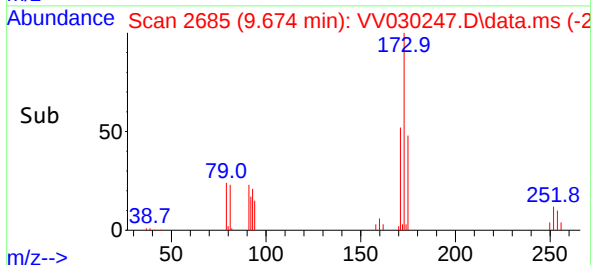
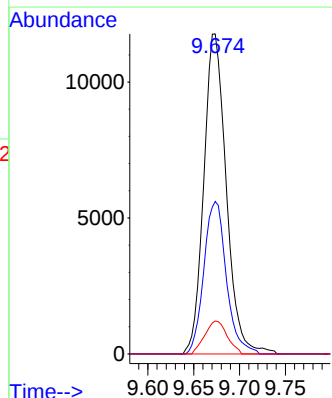
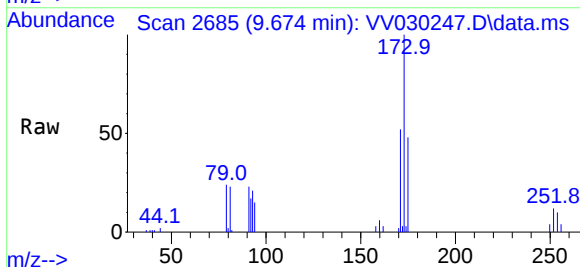
Instrument :
MSVOA_V
ClientSampleId :
VSTD005308

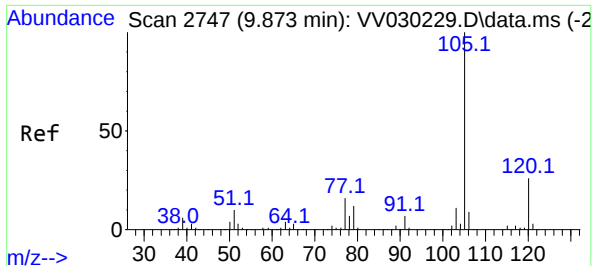
Tgt Ion:	83	Resp:	31985
Ion	Ratio	Lower	Upper
83	100		
85	60.8	45.0	83.6
131	10.4	8.2	12.4



#59
Bromoform
Concen: 5.113 ug/L
RT: 9.674 min Scan# 2685
Delta R.T. 0.000 min
Lab File: VV030247.D
Acq: 20 Mar 2023 09:11

Tgt Ion:	173	Resp:	20098
Ion	Ratio	Lower	Upper
173	100		
175	47.6	38.5	57.7
254	10.2	8.6	13.0

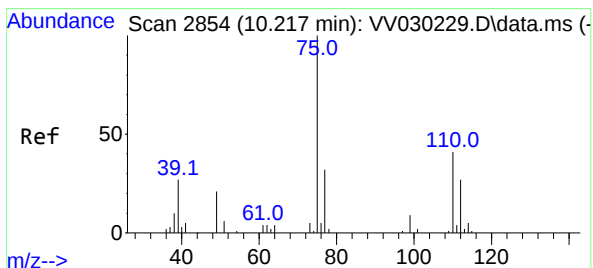
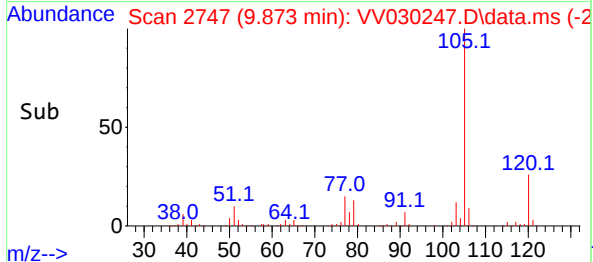
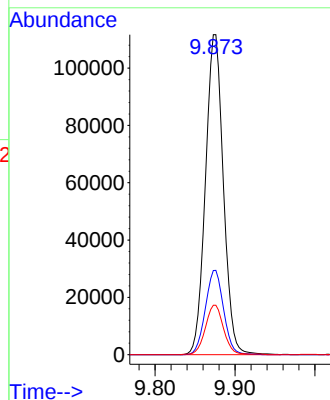
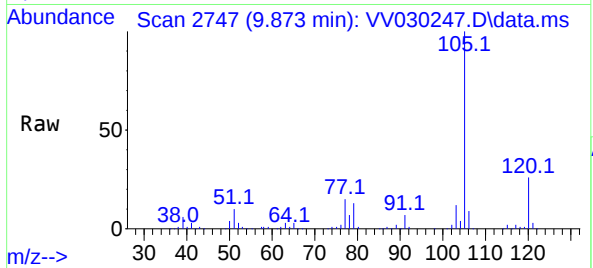




#60
Isopropylbenzene
Concen: 4.616 ug/L
RT: 9.873 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV030247.D
Acq: 20 Mar 2023 09:11

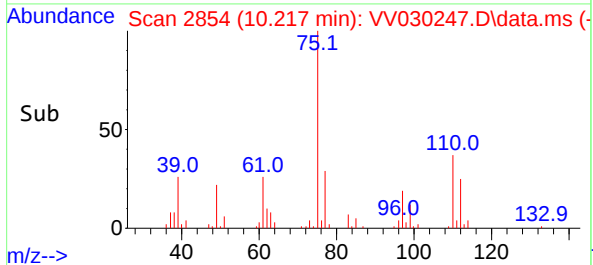
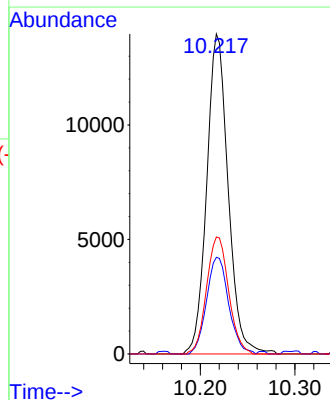
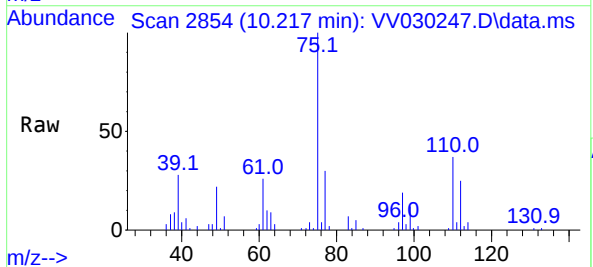
Instrument :
MSVOA_V
ClientSampleId :
VSTD005308

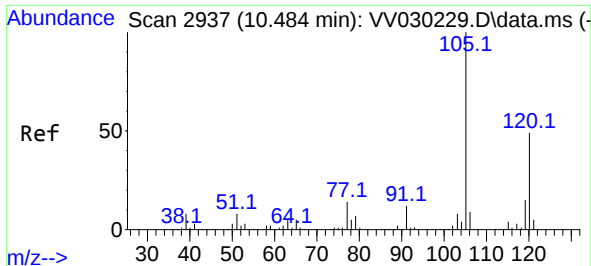
Tgt Ion:105 Resp: 174173
Ion Ratio Lower Upper
105 100
120 26.8 21.4 32.0
77 15.7 12.1 18.1



#61
1,2,3-Trichloropropane
Concen: 5.012 ug/L
RT: 10.217 min Scan# 2854
Delta R.T. 0.000 min
Lab File: VV030247.D
Acq: 20 Mar 2023 09:11

Tgt Ion: 75 Resp: 22000
Ion Ratio Lower Upper
75 100
77 31.2 26.5 39.7
110 37.8 31.8 47.6

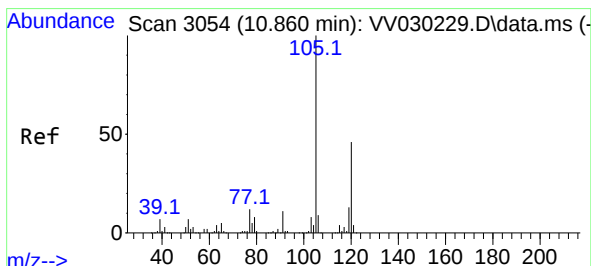
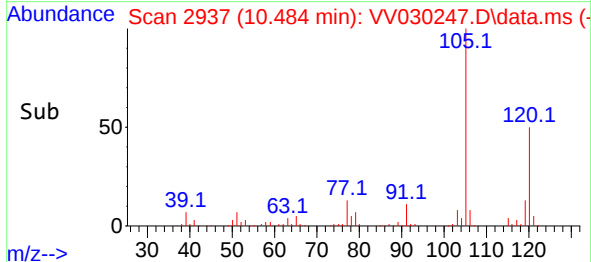
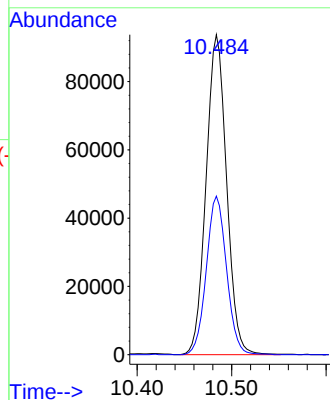
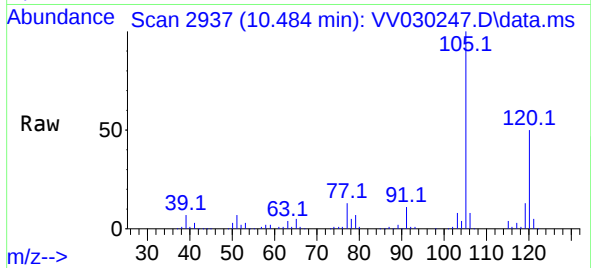




#62
1,3,5-Trimethylbenzene
Concen: 4.555 ug/L
RT: 10.484 min Scan# 2937
Delta R.T. 0.000 min
Lab File: VV030247.D
Acq: 20 Mar 2023 09:11

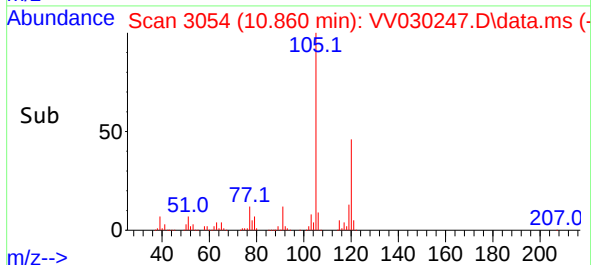
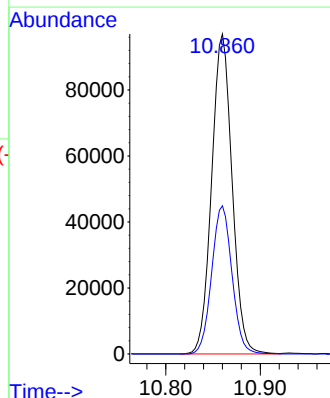
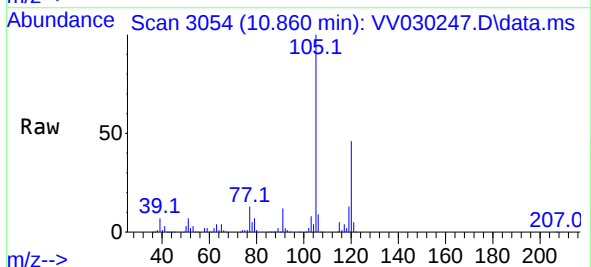
Instrument :
MSVOA_V
ClientSampleId :
VSTD005308

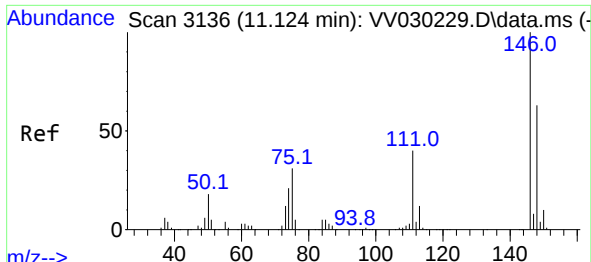
Tgt Ion:105 Resp: 141177
Ion Ratio Lower Upper
105 100
120 48.9 39.6 59.4



#63
1,2,4-Trimethylbenzene
Concen: 4.595 ug/L
RT: 10.860 min Scan# 3054
Delta R.T. 0.000 min
Lab File: VV030247.D
Acq: 20 Mar 2023 09:11

Tgt Ion:105 Resp: 145691
Ion Ratio Lower Upper
105 100
120 45.9 36.2 54.4

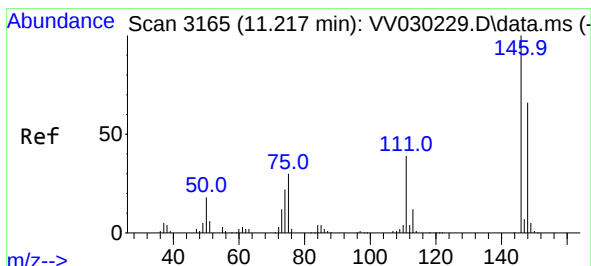
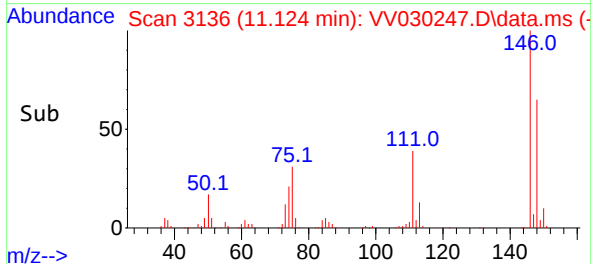
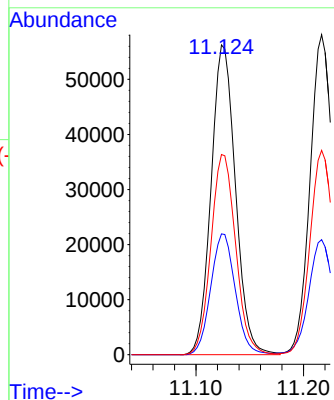
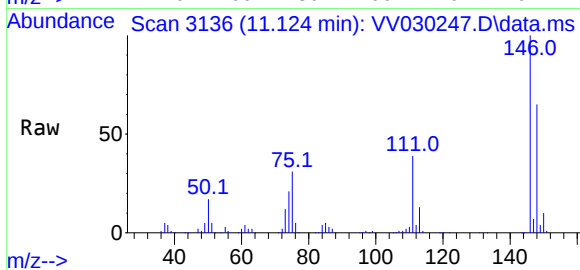




#64
1,3-Dichlorobenzene
Concen: 4.519 ug/L
RT: 11.124 min Scan# 3136
Delta R.T. 0.000 min
Lab File: VV030247.D
Acq: 20 Mar 2023 09:11

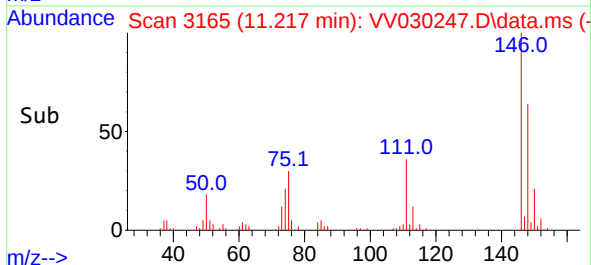
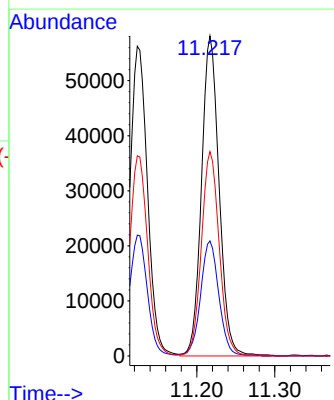
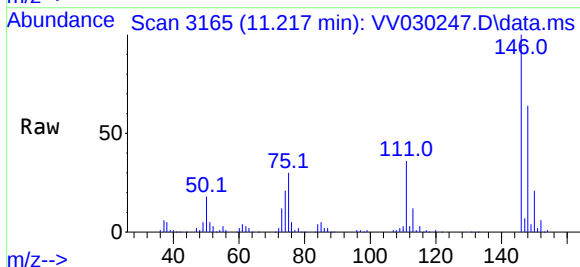
Instrument :
MSVOA_V
ClientSampleId :
VSTD005308

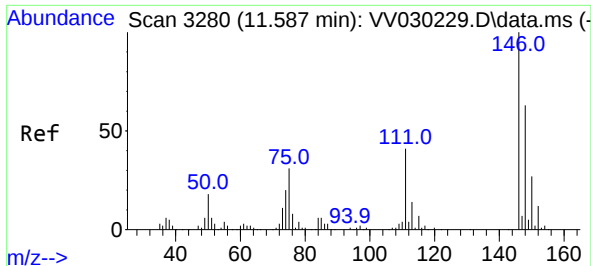
Tgt Ion:146 Resp: 88797
Ion Ratio Lower Upper
146 100
111 39.0 27.7 51.5
148 64.6 44.5 82.7



#65
1,4-Dichlorobenzene
Concen: 4.598 ug/L
RT: 11.217 min Scan# 3165
Delta R.T. 0.000 min
Lab File: VV030247.D
Acq: 20 Mar 2023 09:11

Tgt Ion:146 Resp: 91142
Ion Ratio Lower Upper
146 100
111 36.0 27.4 51.0
148 63.8 44.1 81.9





#67

1,2-Dichlorobenzene

Concen: 4.788 ug/L

RT: 11.587 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV030247.D

Acq: 20 Mar 2023 09:11

Instrument :

MSVOA_V

ClientSampleId :

VSTD005308

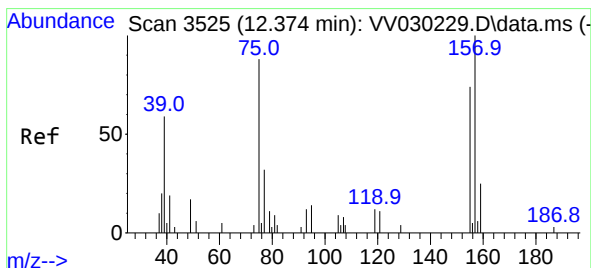
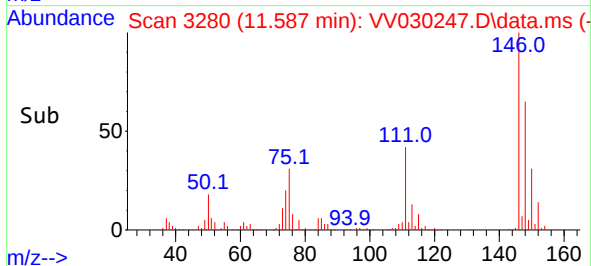
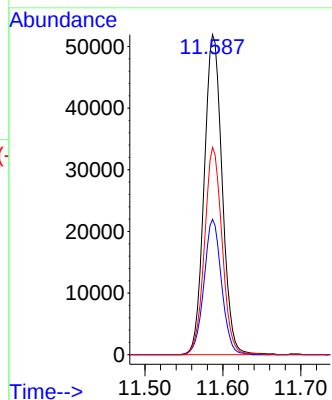
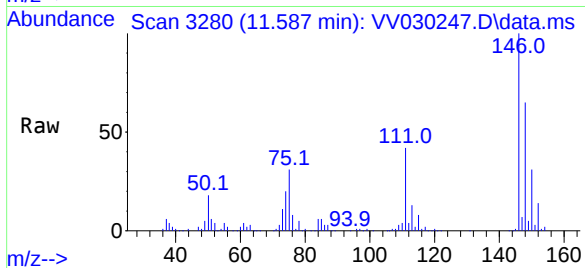
Tgt Ion:146 Resp: 83066

Ion Ratio Lower Upper

146 100

111 42.3 33.5 50.3

148 64.8 51.3 76.9



#68

1,2-Dibromo-3-chloropropane

Concen: 5.349 ug/L

RT: 12.374 min Scan# 3525

Delta R.T. 0.000 min

Lab File: VV030247.D

Acq: 20 Mar 2023 09:11

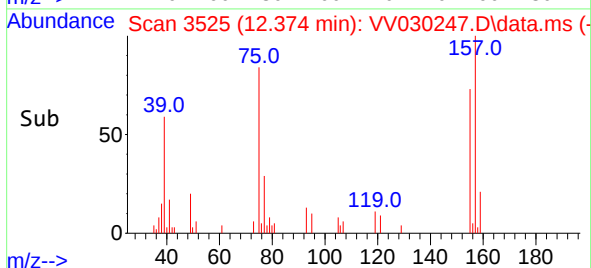
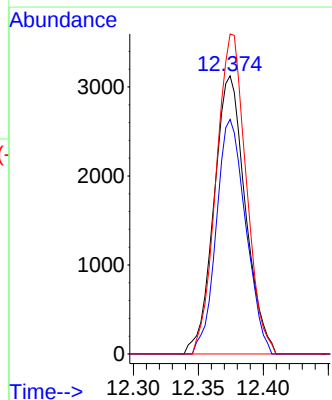
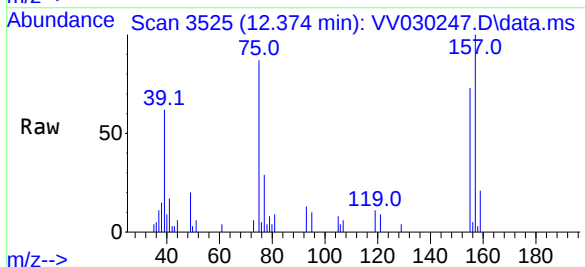
Tgt Ion: 75 Resp: 5244

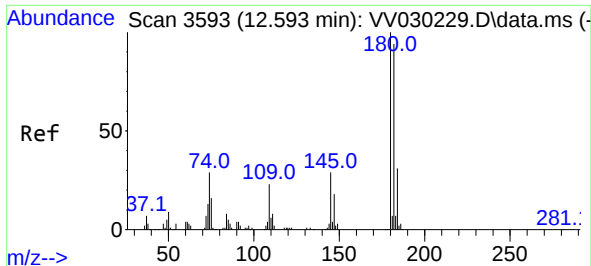
Ion Ratio Lower Upper

75 100

155 84.3 79.1 118.7

157 115.1 95.5 143.3





#69

1,3,5-Trichlorobenzene

Concen: 4.348 ug/L

RT: 12.590 min Scan# 3593

Delta R.T. -0.003 min

Lab File: VV030247.D

Acq: 20 Mar 2023 09:11

Instrument :

MSVOA_V

ClientSampleId :

VSTD005308

Tgt Ion:180 Resp: 70225

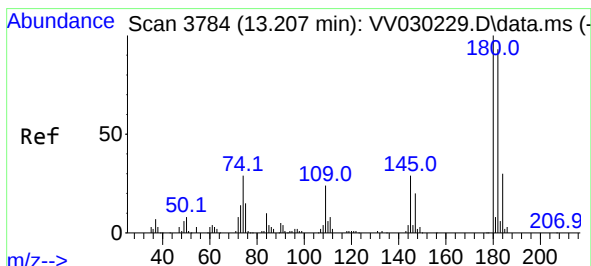
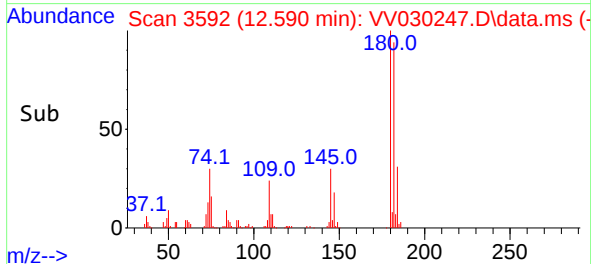
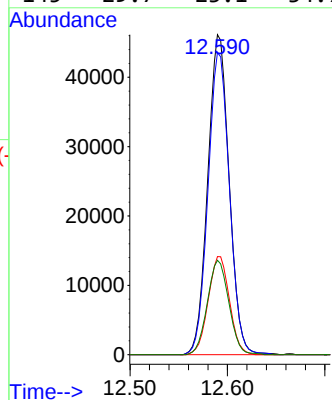
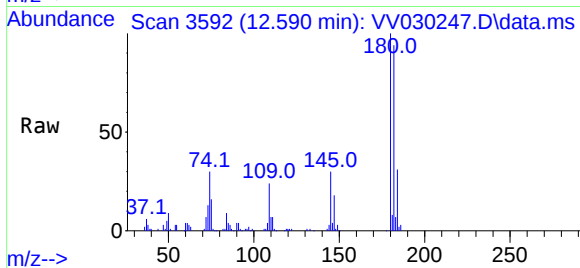
Ion Ratio Lower Upper

180 100

182 94.7 76.5 114.7

184 30.5 24.3 36.5

145 29.7 23.1 34.7



#70

1,2,4-trichlorobenzene

Concen: 4.067 ug/L

RT: 13.207 min Scan# 3784

Delta R.T. 0.000 min

Lab File: VV030247.D

Acq: 20 Mar 2023 09:11

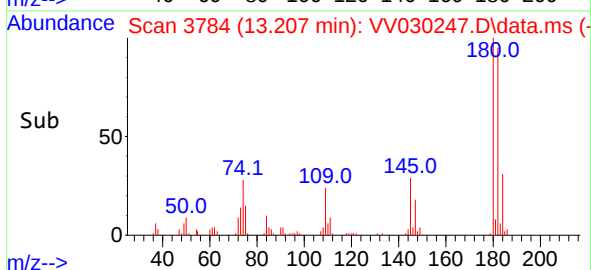
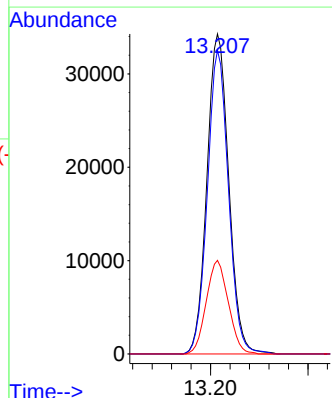
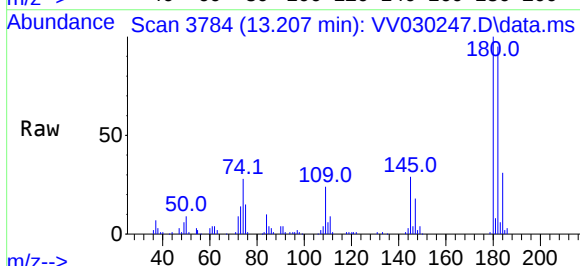
Tgt Ion:180 Resp: 53223

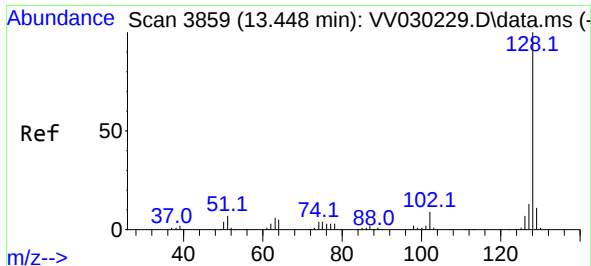
Ion Ratio Lower Upper

180 100

182 91.9 77.3 115.9

145 29.6 23.1 34.7



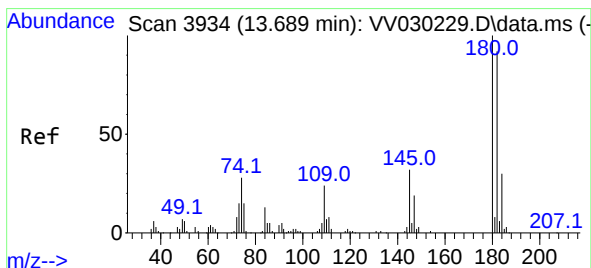
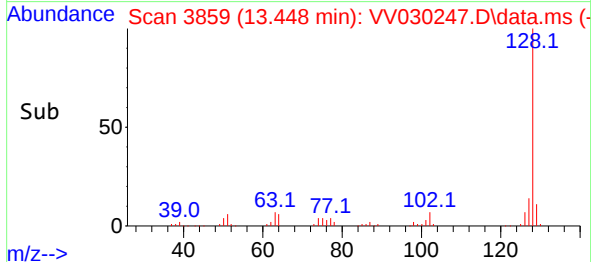
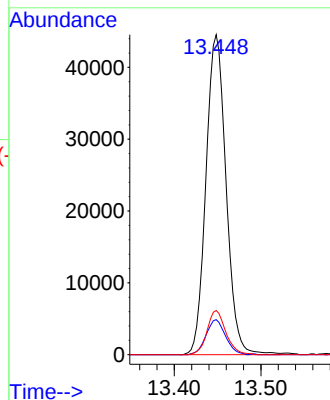
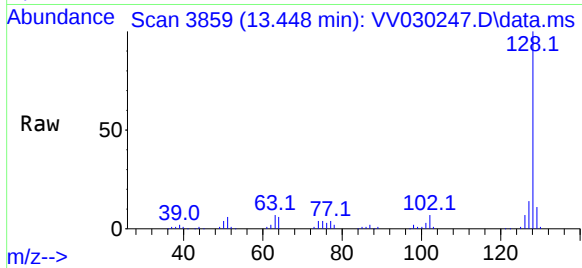


#71
Naphthalene
Concen: 4.207 ug/L
RT: 13.448 min Scan# 3859
Delta R.T. 0.000 min
Lab File: VV030247.D
Acq: 20 Mar 2023 09:11

Instrument :
MSVOA_V
ClientSampleId :
VSTD005308

Tgt Ion:128 Resp: 71941

Ion	Ratio	Lower	Upper
128	100		
129	10.6	8.6	13.0
127	12.9	10.4	15.6



#72
1,2,3-Trichlorobenzene
Concen: 4.204 ug/L
RT: 13.689 min Scan# 3934
Delta R.T. 0.000 min
Lab File: VV030247.D
Acq: 20 Mar 2023 09:11

Tgt Ion:180 Resp: 45281

Ion	Ratio	Lower	Upper
180	100		
182	94.6	76.2	114.2
145	30.8	25.1	37.7

