

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW050323\
 Data File : VW030980.D
 Acq On : 03 May 2023 09:59
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005340

Quant Time: May 04 05:35:12 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR042823WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Apr 29 01:06:38 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	134230	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	130997	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	78607	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	44830	4.054	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	81.000%
7) Chloroethane-d5	1.539	69	38096	4.223	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	84.400%
11) 1,1-Dichloroethene-d2	2.066	65	23710	4.051	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	81.000%
20) 2-Butanone-d5	3.818	46	97077	49.501	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.000%
24) Chloroform-d	4.259	84	103298	4.700	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.000%
26) 1,2-Dichloroethane-d4	4.953	65	51274	4.589	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.800%
32) Benzene-d6	4.969	84	168075	4.377	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.600%
36) 1,2-Dichloropropane-d6	5.995	67	47446	4.249	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	85.000%
41) Toluene-d8	7.249	98	159230	4.355	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.000%
43) trans-1,3-Dichloroprop...	7.561	79	19939	4.764	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.200%
46) 2-Hexanone-d5	8.034	63	66400	45.281	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	90.560%
56) 1,1,2,2-Tetrachloroeth...	10.159	84	39627	4.896	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.000%
66) 1,2-Dichlorobenzene-d4	11.567	152	66432	4.534	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	90.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	49984	4.714	ug/L	98
3) Chloromethane	1.217	50	52824	4.245	ug/L	98
5) Vinyl chloride	1.288	62	47434	4.554	ug/L	97
6) Bromomethane	1.494	94	22084	4.452	ug/L	96
8) Chloroethane	1.555	64	29344	4.629	ug/L	96
9) Trichlorofluoromethane	1.719	101	92605	4.819	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.072	101	47853	4.878	ug/L	98
12) 1,1-Dichloroethene	2.076	96	41190	4.560	ug/L	86
13) Acetone	2.146	43	83866	50.064	ug/L	78
14) Carbon disulfide	2.246	76	95038	4.021	ug/L	98
15) Methyl Acetate	2.391	43	13631	4.000	ug/L #	91
16) Methylene chloride	2.455	84	44179	4.323	ug/L	96
17) Methyl tert-butyl Ether	2.712	73	83331	4.846	ug/L	97
18) trans-1,2-Dichloroethene	2.699	96	36806	4.461	ug/L	100
19) 1,1-Dichloroethane	3.117	63	76565	4.806	ug/L	99
21) 2-Butanone	3.902	43	88461	48.015	ug/L	89
22) cis-1,2-Dichloroethene	3.825	96	42278	4.856	ug/L	99
23) Bromochloromethane	4.162	128	18960	4.626	ug/L	97
25) Chloroform	4.285	83	85852	5.022	ug/L	95

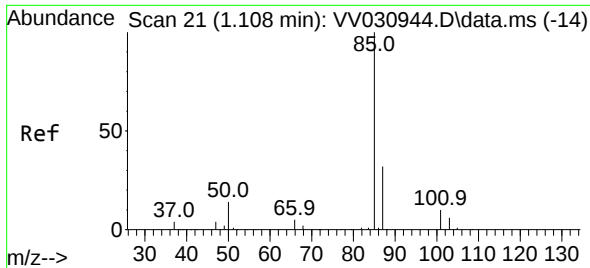
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 Data File : VV030980.D
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.053	62	52421	4.886	ug/L	97
29) 1,1,1-Trichloroethane	4.523	97	81855	4.973	ug/L	99
30) Cyclohexane	4.590	56	54746	4.403	ug/L	100
31) Carbon tetrachloride	4.744	117	74127	5.013	ug/L	98
33) Benzene	5.018	78	159768	4.849	ug/L	100
34) Trichloroethene	5.841	95	42571	4.847	ug/L	97
35) Methylcyclohexane	6.056	83	61297	4.503	ug/L	99
37) 1,2-Dichloropropane	6.101	63	38990	4.989	ug/L #	95
38) Bromodichloromethane	6.439	83	59219	5.177	ug/L	97
39) cis-1,3-Dichloropropene	6.963	75	57592	4.920	ug/L	98
40) 4-Methyl-2-pentanone	7.166	43	204417	50.479	ug/L	98
42) Toluene	7.323	91	182562	5.146	ug/L	99
44) trans-1,3-Dichloropropene	7.590	75	49608	4.974	ug/L	95
45) 1,1,2-Trichloroethane	7.776	97	29782	5.136	ug/L	98
47) Tetrachloroethene	7.911	164	39740	4.743	ug/L	91
48) 2-Hexanone	8.085	43	163625	52.681	ug/L	98
49) Dibromochloromethane	8.182	129	38309	5.251	ug/L	100
50) 1,2-Dibromoethane	8.291	107	25818	4.991	ug/L	96
51) Chlorobenzene	8.821	112	118798	4.939	ug/L	99
52) Ethylbenzene	8.953	91	192509	4.977	ug/L	99
53) m,p-Xylene	9.079	106	76410	4.951	ug/L	97
54) o-Xylene	9.484	106	71540	4.870	ug/L	99
55) Styrene	9.503	104	125424	5.060	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.185	83	31324	4.832	ug/L	97
59) Bromoform	9.673	173	22798	4.927	ug/L	100
60) Isopropylbenzene	9.873	105	202773	4.785	ug/L	98
61) 1,2,3-Trichloropropane	10.217	75	23933	4.847	ug/L	96
62) 1,3,5-Trimethylbenzene	10.484	105	160182	4.643	ug/L	100
63) 1,2,4-Trimethylbenzene	10.860	105	161378	4.616	ug/L	99
64) 1,3-Dichlorobenzene	11.124	146	107968	4.960	ug/L	98
65) 1,4-Dichlorobenzene	11.217	146	108776	4.954	ug/L	97
67) 1,2-Dichlorobenzene	11.587	146	96928	4.953	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.374	75	5546	4.425	ug/L #	79
69) 1,3,5-Trichlorobenzene	12.590	180	86293	5.007	ug/L	100
70) 1,2,4-trichlorobenzene	13.207	180	66491	5.021	ug/L	98
71) Naphthalene	13.448	128	84222	4.435	ug/L	99
72) 1,2,3-Trichlorobenzene	13.689	180	54866	4.894	ug/L	99

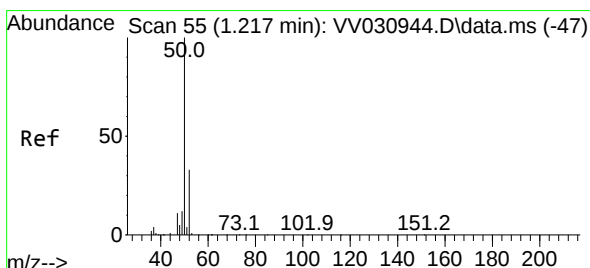
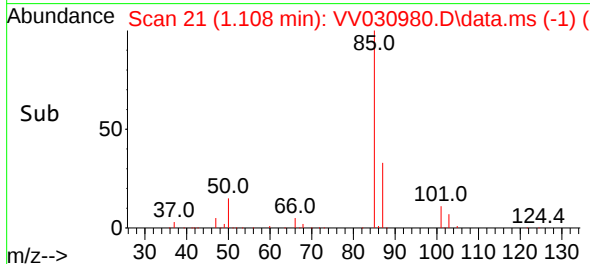
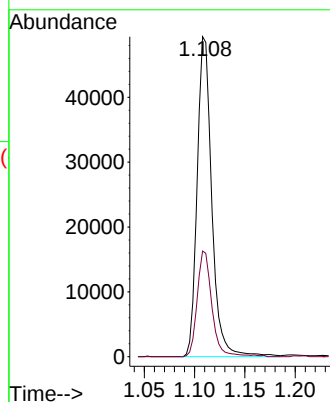
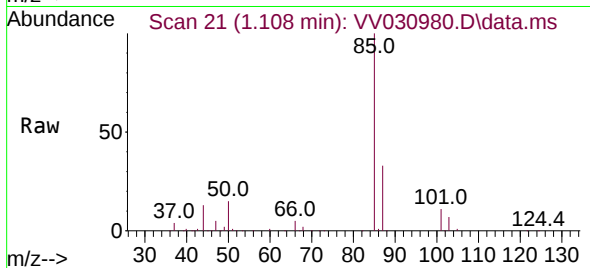
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
 Dichlorodifluoromethane
 Concen: 4.714 ug/L
 RT: 1.108 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VV030980.D
 Acq: 03 May 2023 09:59

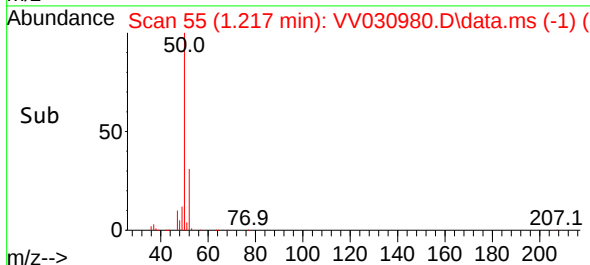
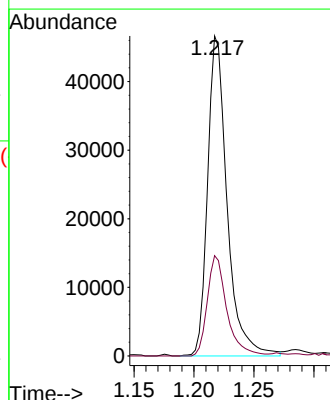
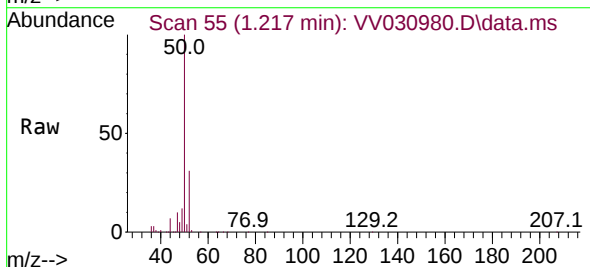
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005340

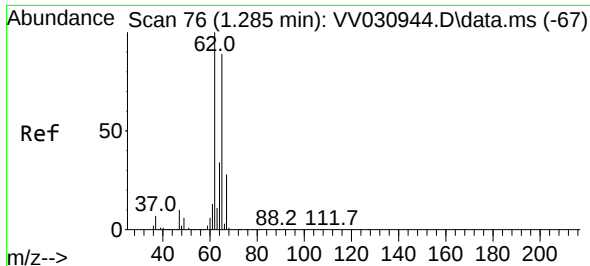
Tgt Ion: 85 Resp: 49984
 Ion Ratio Lower Upper
 85 100
 87 33.2 25.8 38.6



#3
 Chloromethane
 Concen: 4.245 ug/L
 RT: 1.217 min Scan# 55
 Delta R.T. -0.000 min
 Lab File: VV030980.D
 Acq: 03 May 2023 09:59

Tgt Ion: 50 Resp: 52824
 Ion Ratio Lower Upper
 50 100
 52 31.3 22.8 42.4

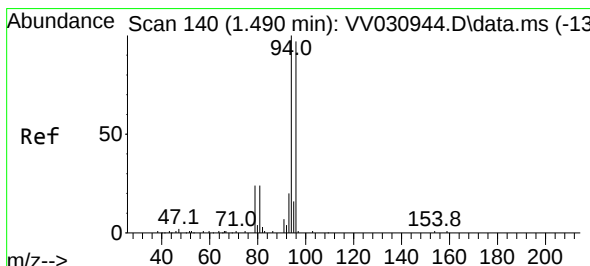
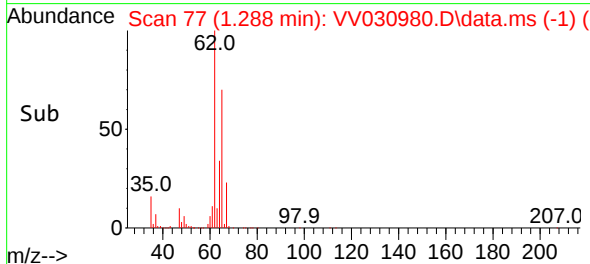
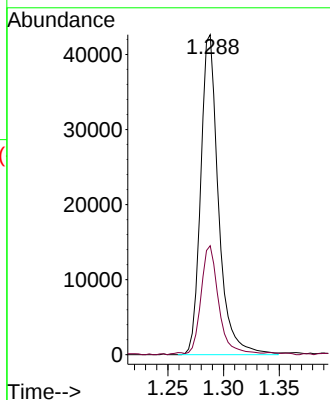
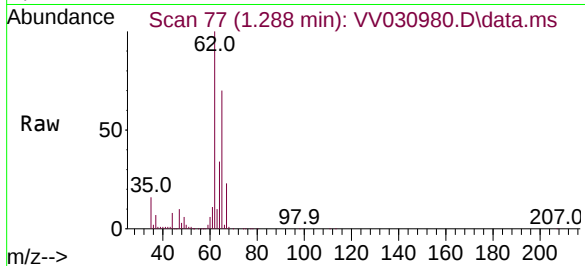




#5
 Vinyl chloride
 Concen: 4.554 ug/L
 RT: 1.288 min Scan# 71
 Delta R.T. 0.003 min
 Lab File: VV030980.D
 Acq: 03 May 2023 09:59

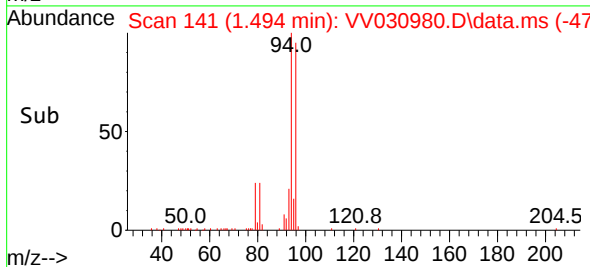
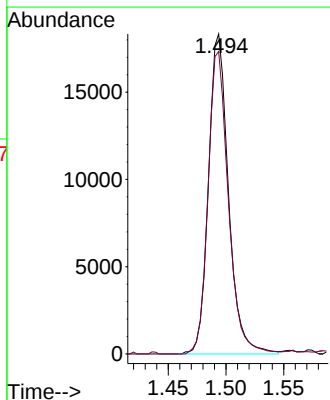
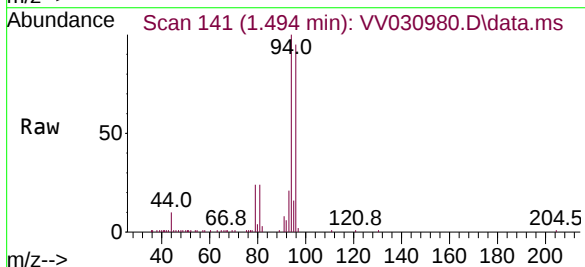
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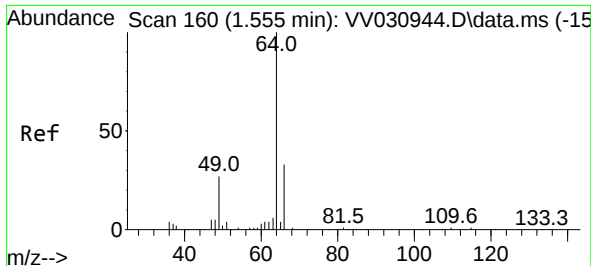
Tgt Ion: 62 Resp: 47434
 Ion Ratio Lower Upper
 62 100
 64 34.0 22.8 42.4



#6
 Bromomethane
 Concen: 4.452 ug/L
 RT: 1.494 min Scan# 141
 Delta R.T. 0.003 min
 Lab File: VV030980.D
 Acq: 03 May 2023 09:59

Tgt Ion: 94 Resp: 22084
 Ion Ratio Lower Upper
 94 100
 96 94.5 63.4 117.8

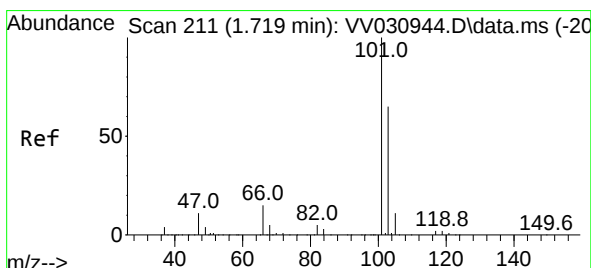
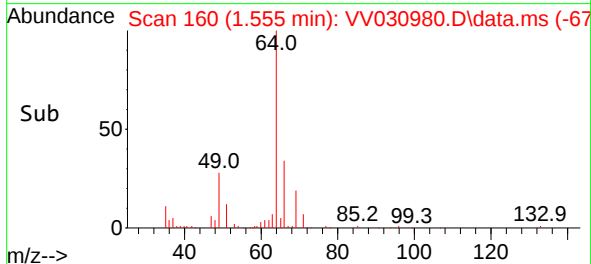
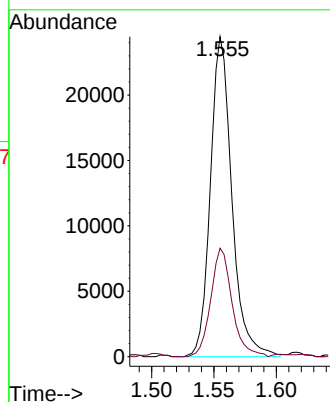
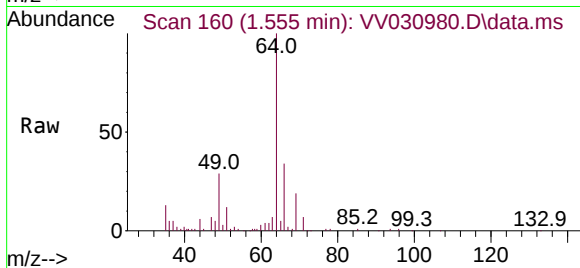




#8
Chloroethane
Concen: 4.629 ug/L
RT: 1.555 min Scan# 160
Delta R.T. -0.000 min
Lab File: VV030980.D
Acq: 03 May 2023 09:59

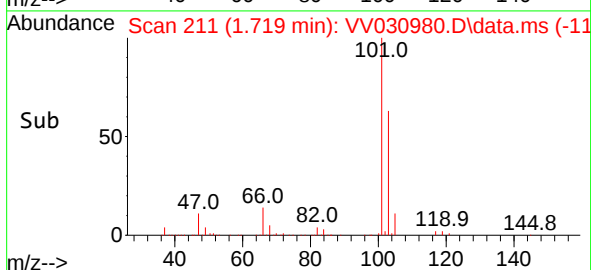
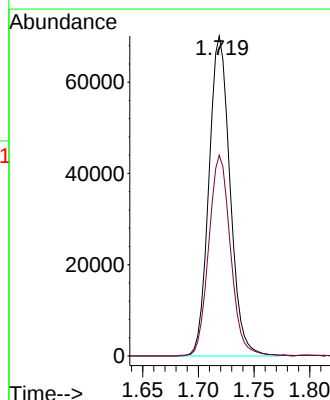
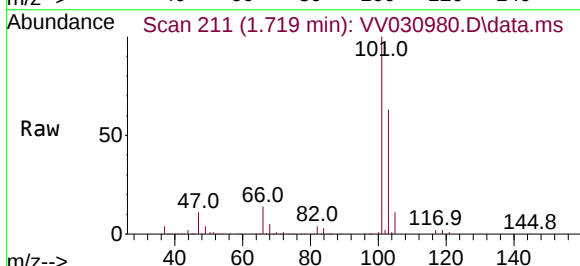
Instrument :
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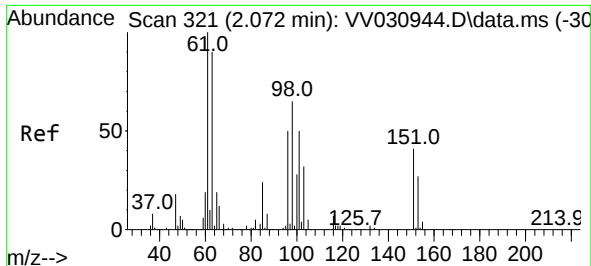
Tgt Ion: 64 Resp: 29344
Ion Ratio Lower Upper
64 100
66 33.9 22.1 41.1



#9
Trichlorofluoromethane
Concen: 4.819 ug/L
RT: 1.719 min Scan# 211
Delta R.T. -0.000 min
Lab File: VV030980.D
Acq: 03 May 2023 09:59

Tgt Ion:101 Resp: 92605
Ion Ratio Lower Upper
101 100
103 64.7 51.8 77.8





#10

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

Concen: 4.878 ug/L

RT: 2.072 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV030980.D

Acq: 03 May 2023 09:59

Instrument :

MSVOA_V

ClientSampleId :

VSTD005340

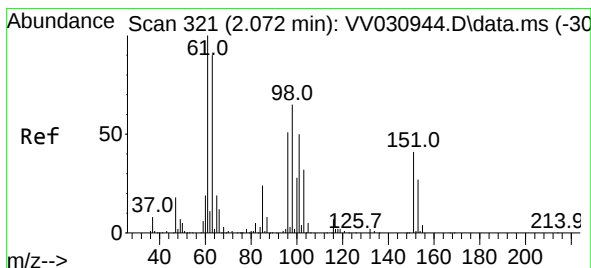
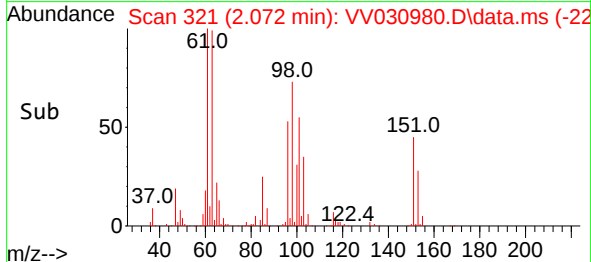
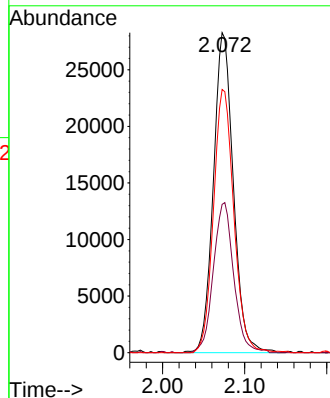
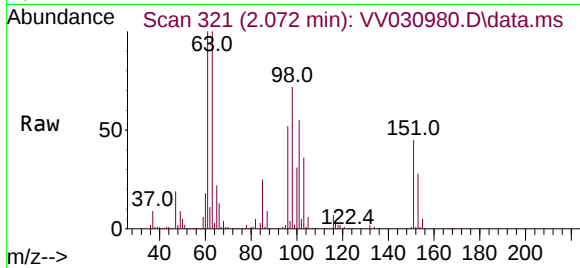
Tgt Ion:101 Resp: 47853

Ion Ratio Lower Upper

101 100

85 47.9 38.7 58.1

151 84.0 65.1 97.7



#12

1,1-Dichloroethene

Concen: 4.560 ug/L

RT: 2.076 min Scan# 322

Delta R.T. 0.003 min

Lab File: VV030980.D

Acq: 03 May 2023 09:59

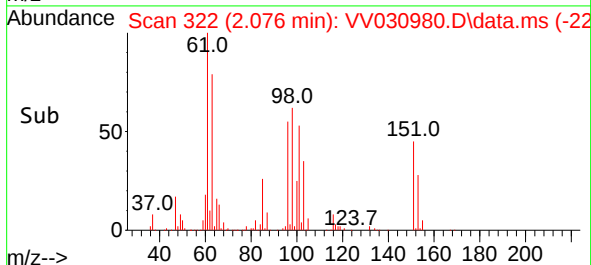
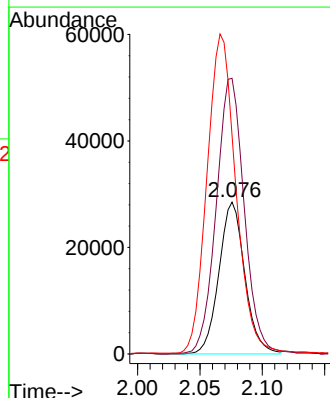
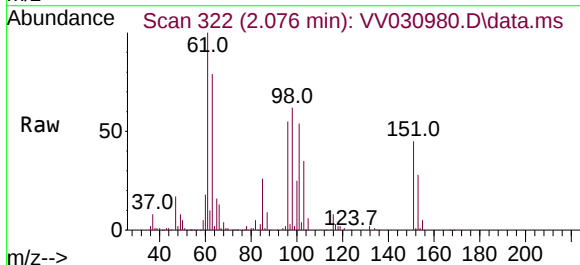
Tgt Ion: 96 Resp: 41190

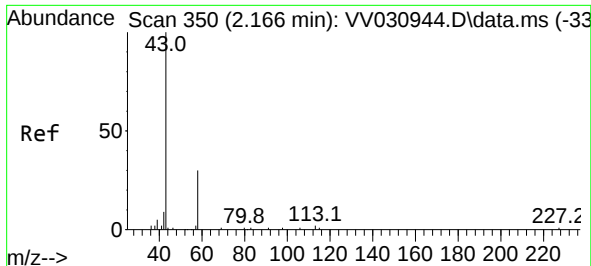
Ion Ratio Lower Upper

96 100

61 181.6 135.6 251.8

63 144.1 121.1 224.9





#13

Acetone

Concen: 50.064 ug/L

RT: 2.146 min Scan# 344

Delta R.T. -0.013 min

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MSVOA_V

ClientSampleId :

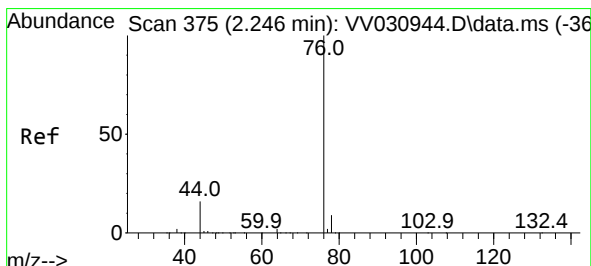
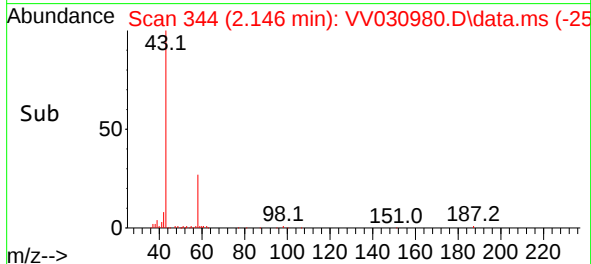
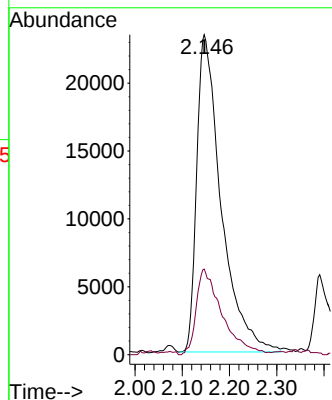
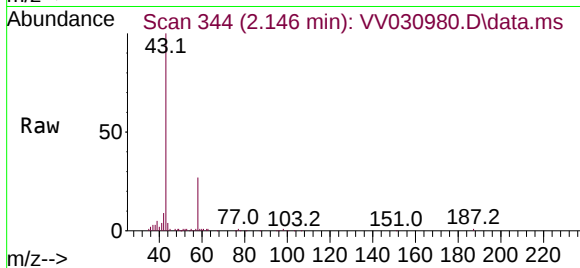
VSTD005340

Tgt Ion: 43 Resp: 83866

Ion Ratio Lower Upper

43 100

58 28.4 0.0 37.0



#14

Carbon disulfide

Concen: 4.021 ug/L

RT: 2.246 min Scan# 375

Delta R.T. -0.000 min

Lab File: VV030980.D

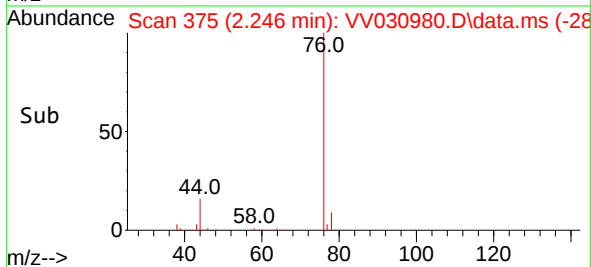
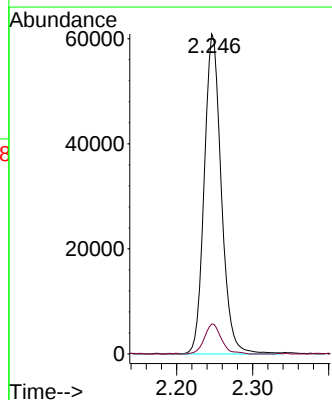
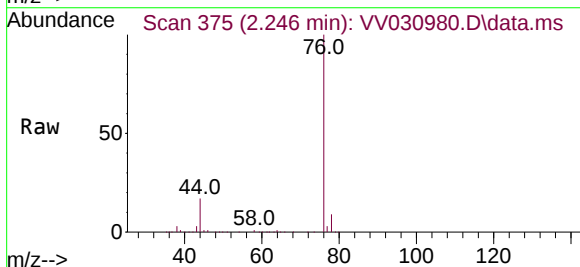
Acq: 03 May 2023 09:59

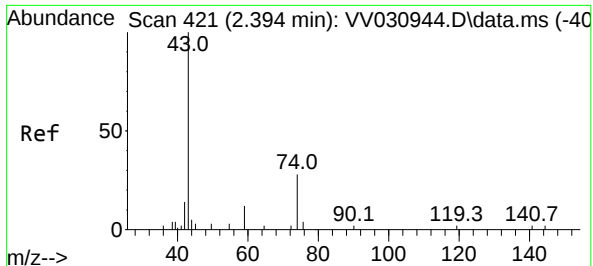
Tgt Ion: 76 Resp: 95038

Ion Ratio Lower Upper

76 100

78 9.4 6.8 10.2

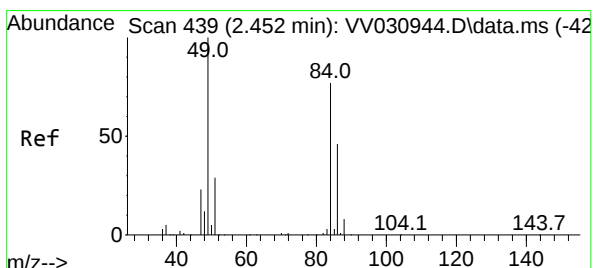
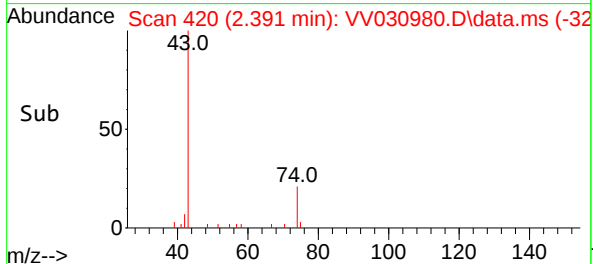
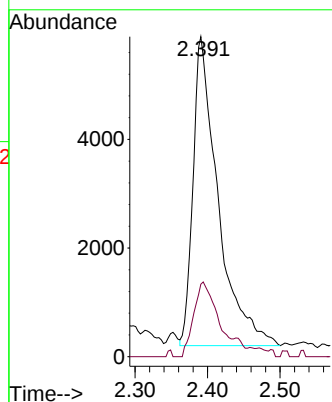
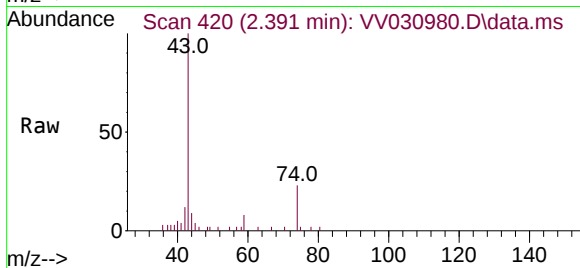




#15
Methyl Acetate
Concen: 4.000 ug/L
RT: 2.391 min Scan# 41
Delta R.T. -0.003 min
Lab File: VV030980.D
Acq: 03 May 2023 09:59

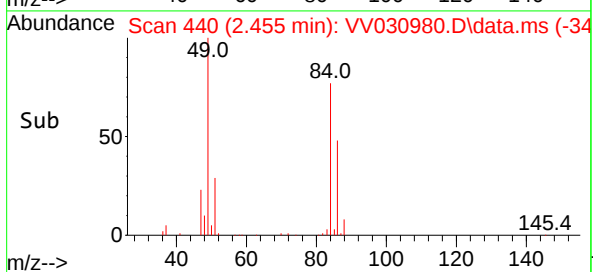
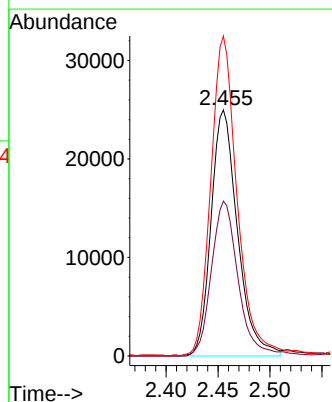
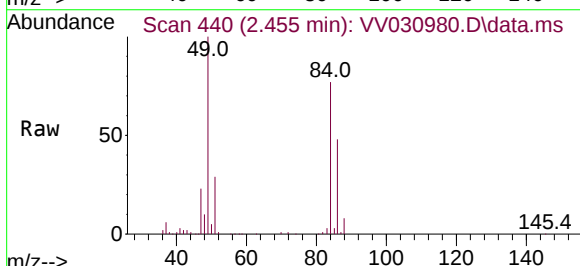
Instrument :
MSVOA_V
ClientSampleId :
VSTD005340

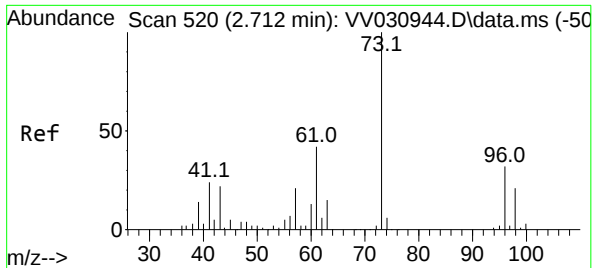
Tgt Ion: 43 Resp: 13631
Ion Ratio Lower Upper
43 100
74 23.1 15.0 22.6#



#16
Methylene chloride
Concen: 4.323 ug/L
RT: 2.455 min Scan# 440
Delta R.T. -0.000 min
Lab File: VV030980.D
Acq: 03 May 2023 09:59

Tgt Ion: 84 Resp: 44179
Ion Ratio Lower Upper
84 100
86 63.0 46.1 85.5
49 130.1 94.3 175.1





#17

Methyl tert-butyl Ether

Concen: 4.846 ug/L

RT: 2.712 min Scan# 516

Delta R.T. -0.003 min

Lab File: VV030980.D

Acq: 03 May 2023 09:59

Instrument :

MSVOA_V

ClientSampleId :

VSTD005340

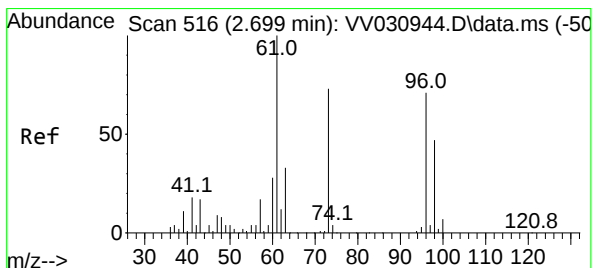
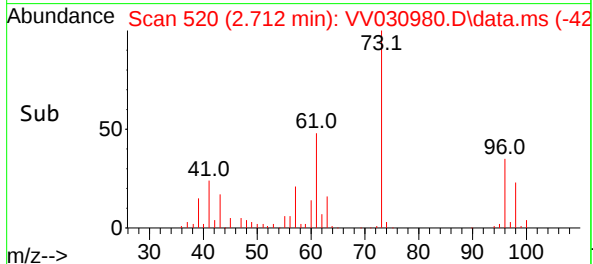
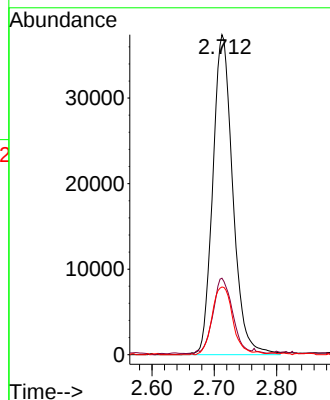
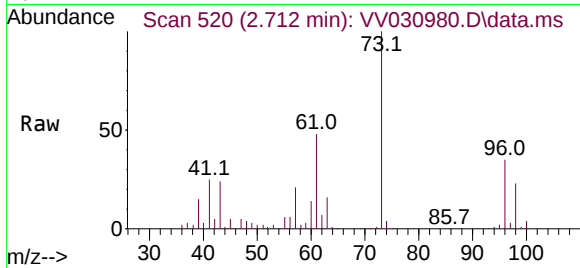
Tgt Ion: 73 Resp: 83331

Ion Ratio Lower Upper

73 100

43 22.9 19.9 29.9

57 21.9 18.2 27.4



#18

trans-1,2-Dichloroethene

Concen: 4.461 ug/L

RT: 2.699 min Scan# 516

Delta R.T. -0.003 min

Lab File: VV030980.D

Acq: 03 May 2023 09:59

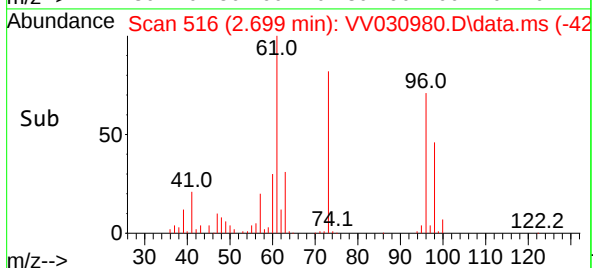
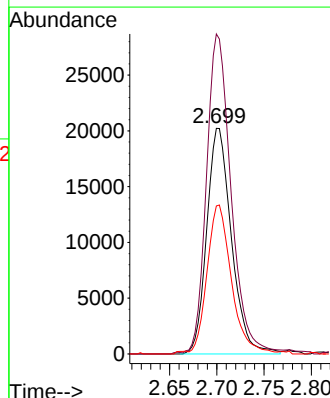
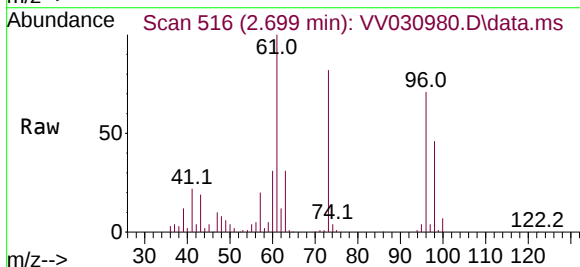
Tgt Ion: 96 Resp: 36806

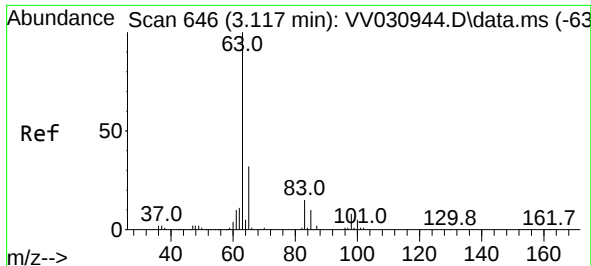
Ion Ratio Lower Upper

96 100

61 141.8 98.9 183.7

98 65.6 46.0 85.4

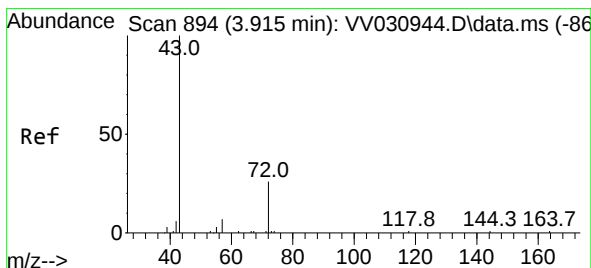
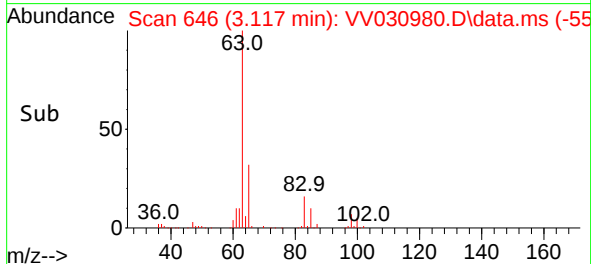
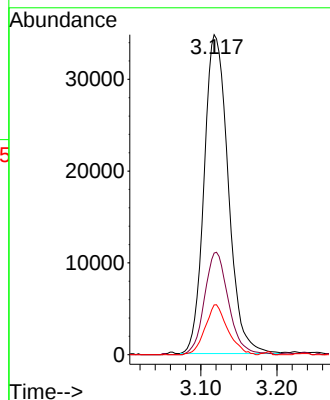
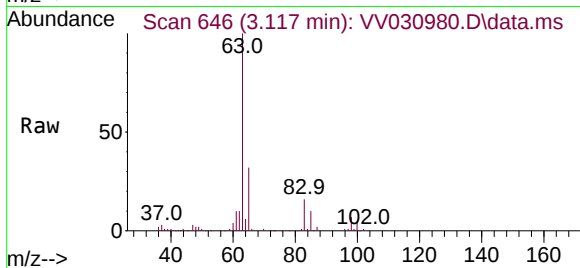




#19
1,1-Dichloroethane
Concen: 4.806 ug/L
RT: 3.117 min Scan# 646
Delta R.T. -0.003 min
Lab File: VV030980.D
Acq: 03 May 2023 09:59

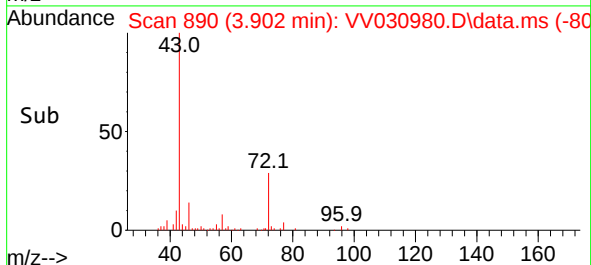
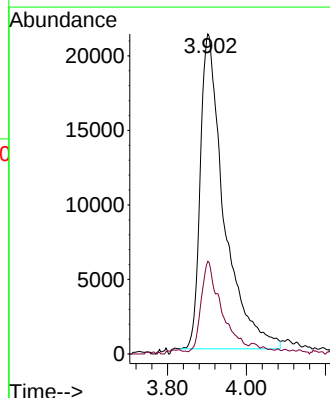
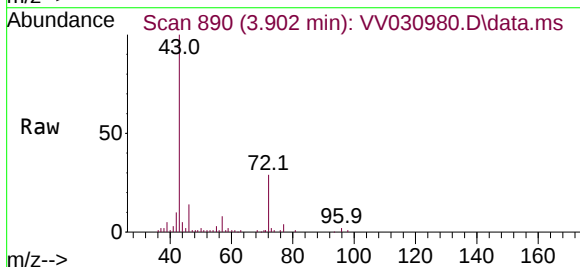
Instrument :
MSVOA_V
ClientSampleId :
VSTD005340

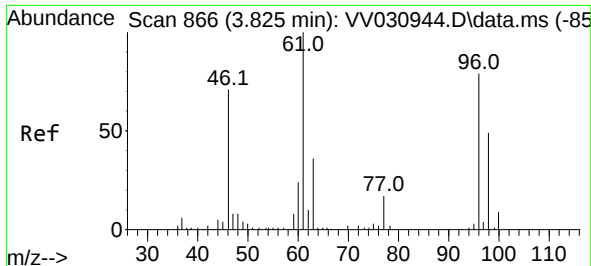
Tgt Ion:	63	Resp:	76565
Ion	Ratio	Lower	Upper
63	100		
65	31.7	21.8	40.6
83	15.6	10.2	19.0



#21
2-Butanone
Concen: 48.015 ug/L
RT: 3.902 min Scan# 890
Delta R.T. -0.016 min
Lab File: VV030980.D
Acq: 03 May 2023 09:59

Tgt Ion:	43	Resp:	88461
Ion	Ratio	Lower	Upper
43	100		
72	24.2	9.6	28.6



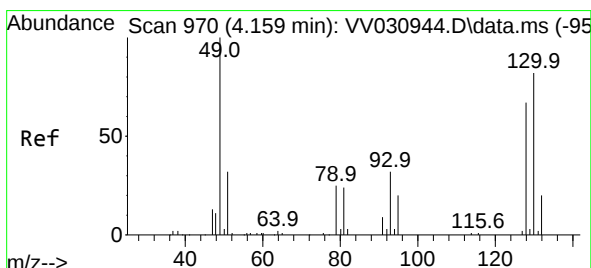
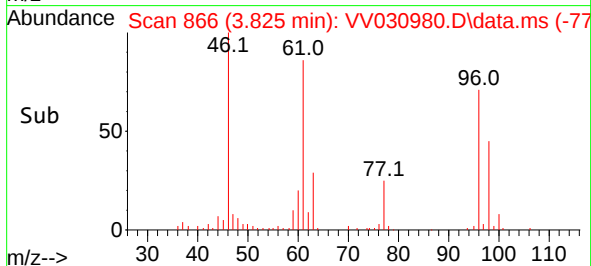
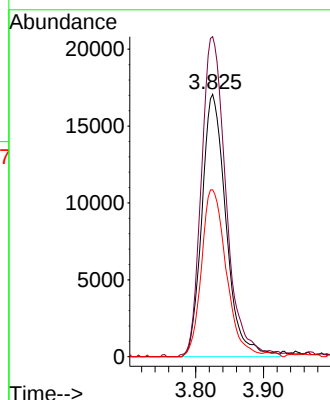
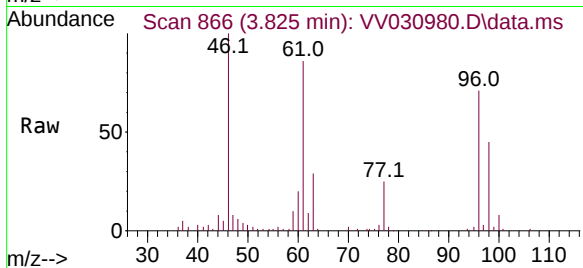


#22
 cis-1,2-Dichloroethene
 Concen: 4.856 ug/L
 RT: 3.825 min Scan# 866
 Delta R.T. -0.003 min
 Lab File: VV030980.D
 Acq: 03 May 2023 09:59

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005340

Tgt Ion: 96 Resp: 42278

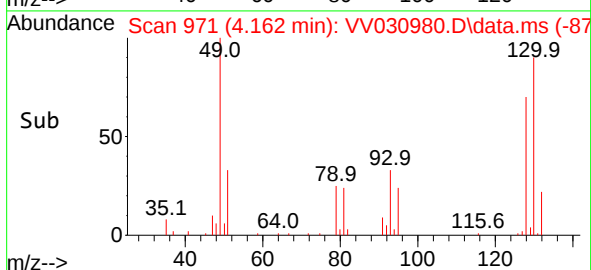
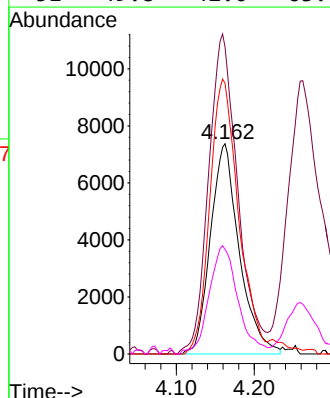
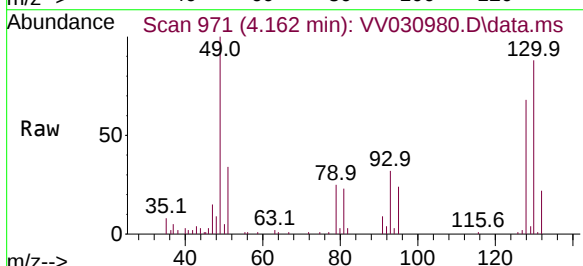
Ion	Ratio	Lower	Upper
96	100		
61	121.9	86.0	159.6
98	63.6	43.2	80.2

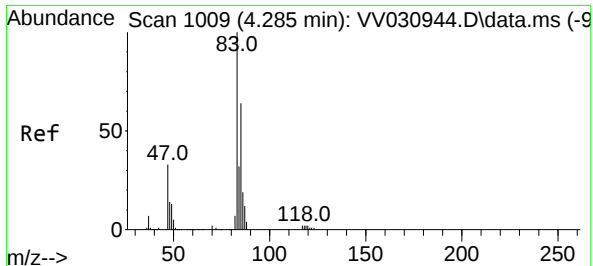


#23
 Bromochloromethane
 Concen: 4.626 ug/L
 RT: 4.162 min Scan# 971
 Delta R.T. 0.000 min
 Lab File: VV030980.D
 Acq: 03 May 2023 09:59

Tgt Ion:128 Resp: 18960

Ion	Ratio	Lower	Upper
128	100		
49	146.1	104.7	194.5
130	128.8	93.4	173.4
51	49.8	42.0	63.0

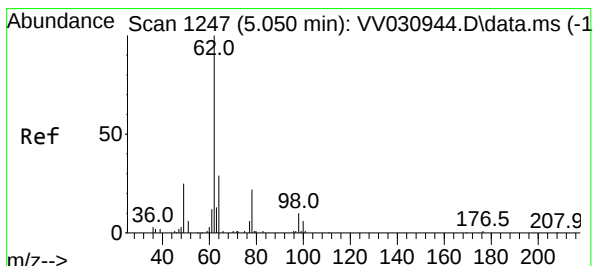
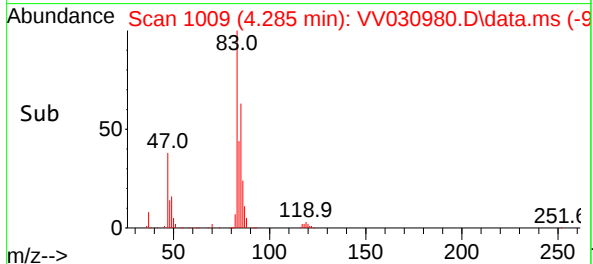
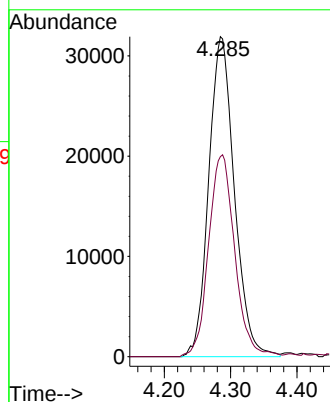
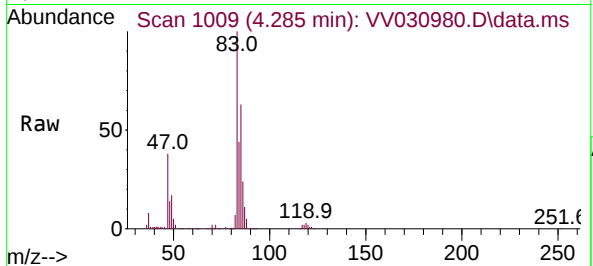




#25
Chloroform
Concen: 5.022 ug/L
RT: 4.285 min Scan# 1009
Delta R.T. -0.003 min
Lab File: VV030980.D
Acq: 03 May 2023 09:59

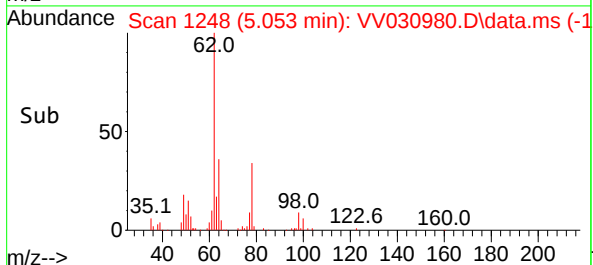
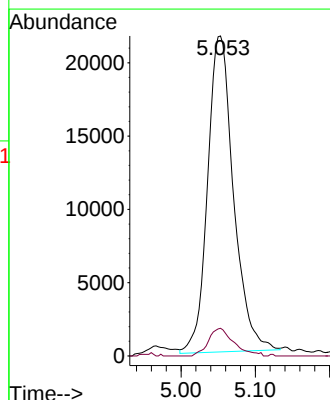
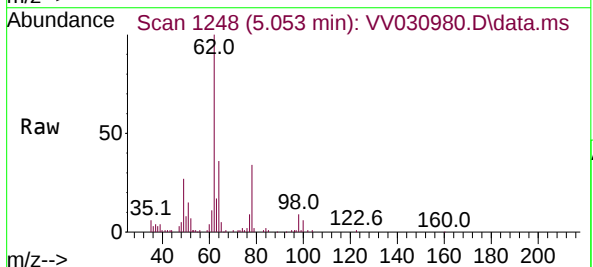
Instrument :
MSVOA_V
ClientSampleId :
VSTD005340

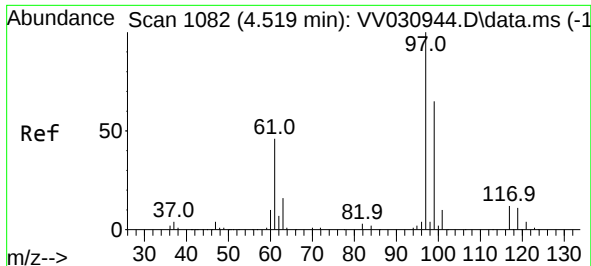
Tgt Ion: 83 Resp: 85852
Ion Ratio Lower Upper
83 100
85 62.5 46.4 86.2



#27
1,2-Dichloroethane
Concen: 4.886 ug/L
RT: 5.053 min Scan# 1248
Delta R.T. -0.000 min
Lab File: VV030980.D
Acq: 03 May 2023 09:59

Tgt Ion: 62 Resp: 52421
Ion Ratio Lower Upper
62 100
98 8.6 6.0 9.0





#29

1,1,1-Trichloroethane

Concen: 4.973 ug/L

RT: 4.523 min Scan# 1082

Delta R.T. -0.000 min

Lab File: VV030980.D

Acq: 03 May 2023 09:59

Instrument :

MSVOA_V

ClientSampleId :

VSTD005340

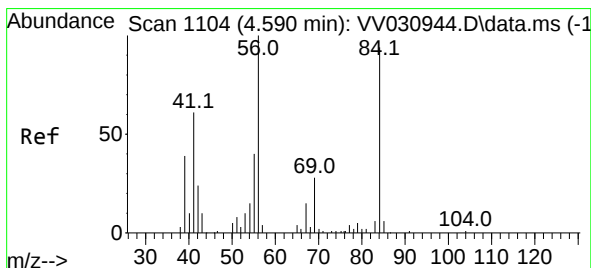
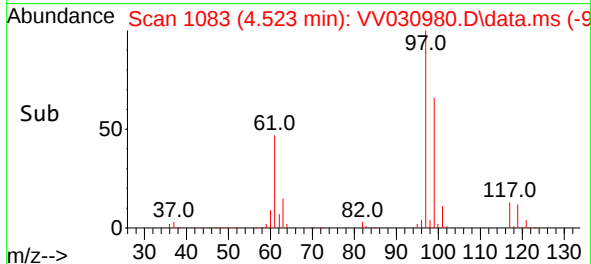
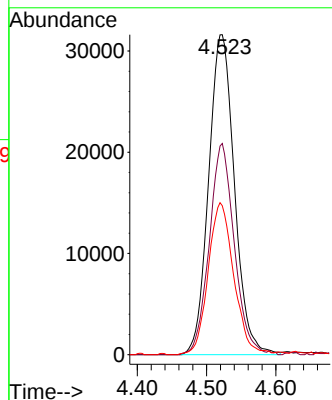
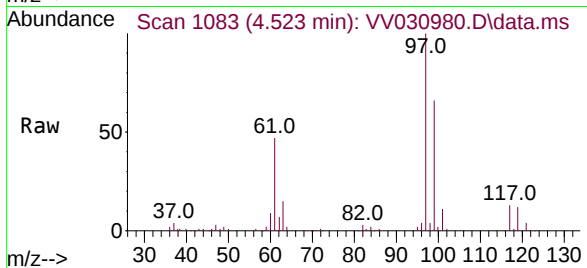
Tgt Ion: 97 Resp: 81855

Ion Ratio Lower Upper

97 100

99 63.9 51.4 77.2

61 47.2 37.4 56.0



#30

Cyclohexane

Concen: 4.403 ug/L

RT: 4.590 min Scan# 1104

Delta R.T. -0.003 min

Lab File: VV030980.D

Acq: 03 May 2023 09:59

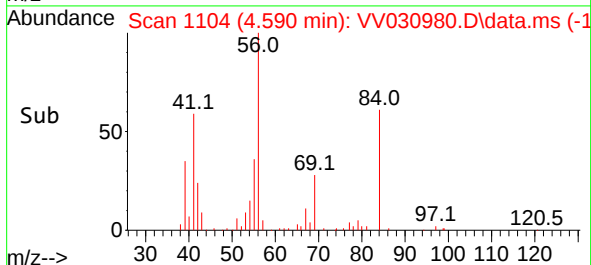
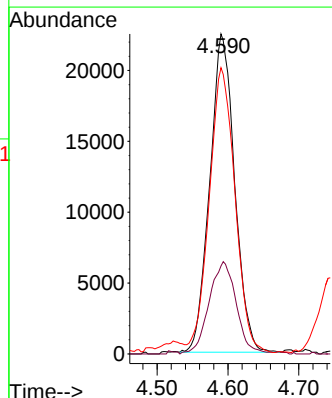
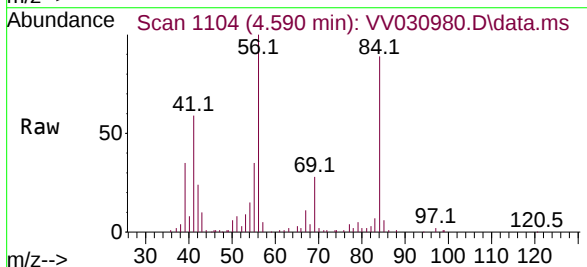
Tgt Ion: 56 Resp: 54746

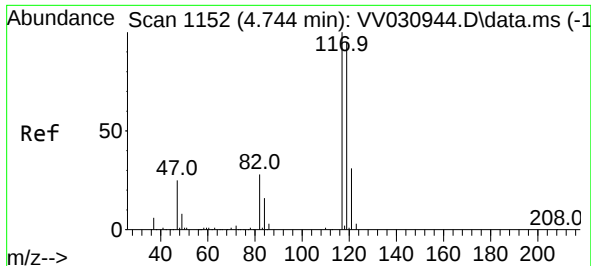
Ion Ratio Lower Upper

56 100

69 31.7 25.0 37.6

84 92.5 74.2 111.2

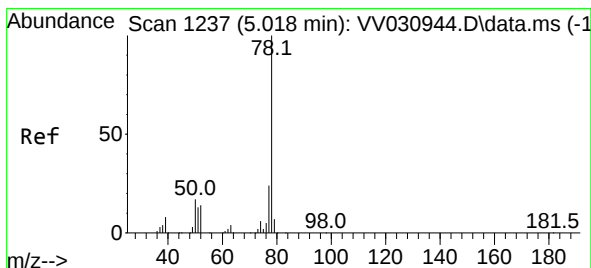
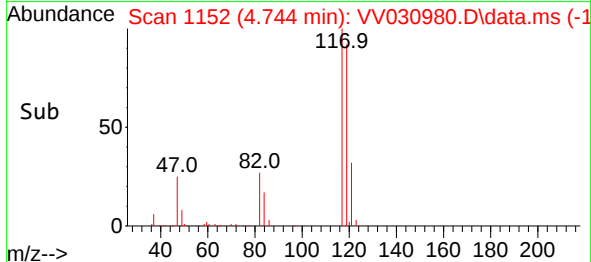
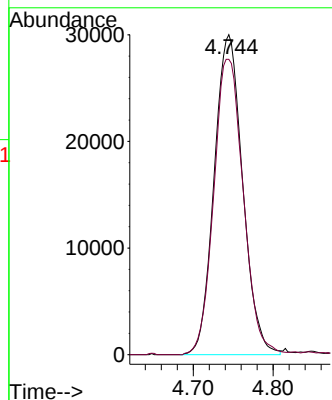
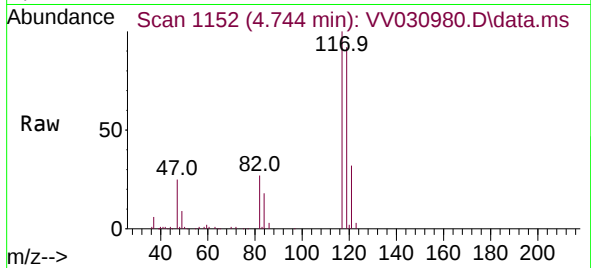




#31
Carbon tetrachloride
Concen: 5.013 ug/L
RT: 4.744 min Scan# 1152
Delta R.T. -0.000 min
Lab File: VV030980.D
Acq: 03 May 2023 09:59

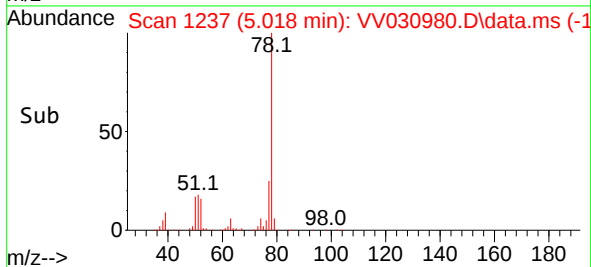
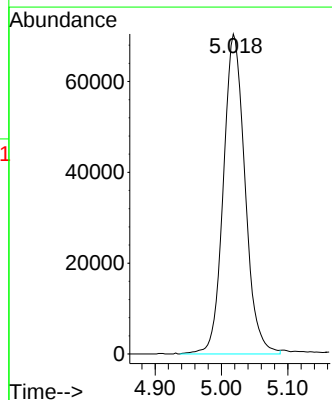
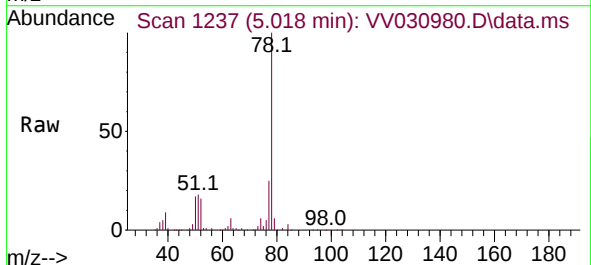
Instrument : MSVOA_V
ClientSampleId : VSTD005340

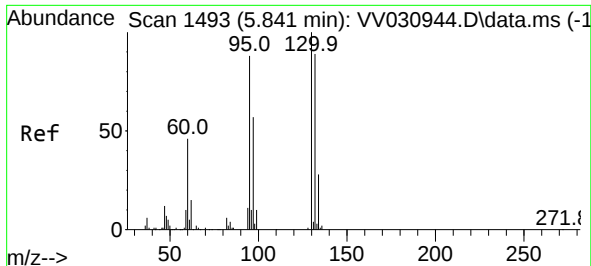
Tgt Ion:117 Resp: 74127
Ion Ratio Lower Upper
117 100
119 96.0 78.4 117.6



#33
Benzene
Concen: 4.849 ug/L
RT: 5.018 min Scan# 1237
Delta R.T. -0.003 min
Lab File: VV030980.D
Acq: 03 May 2023 09:59

Tgt Ion: 78 Resp: 159768

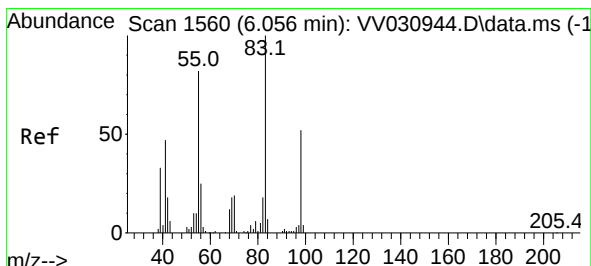
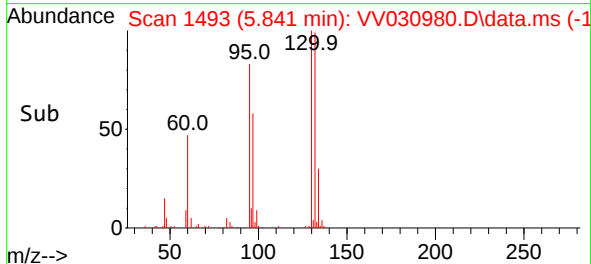
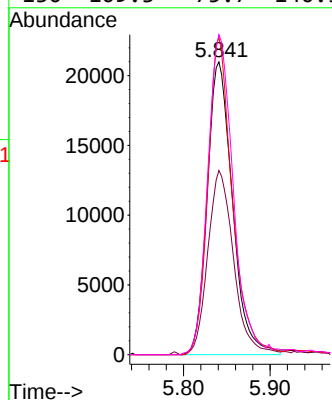
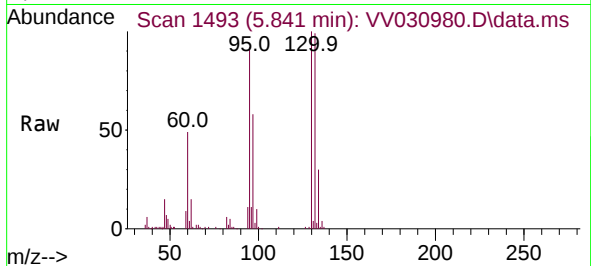




#34
Trichloroethene
Concen: 4.847 ug/L
RT: 5.841 min Scan# 1493
Delta R.T. -0.003 min
Lab File: VV030980.D
Acq: 03 May 2023 09:59

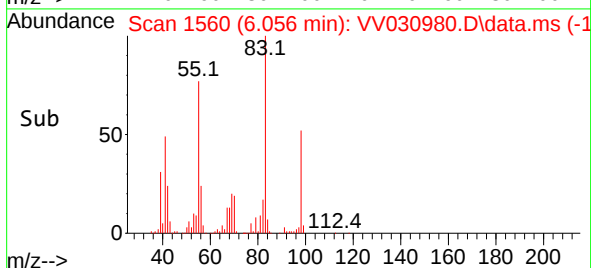
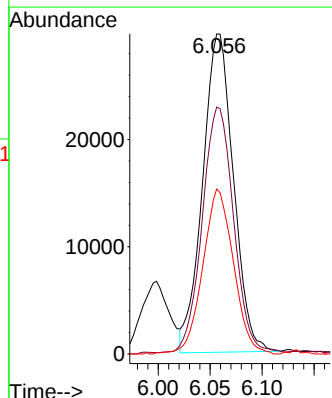
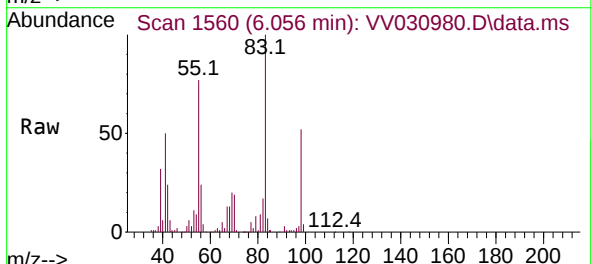
Instrument :
MSVOA_V
ClientSampleId :
VSTD005340

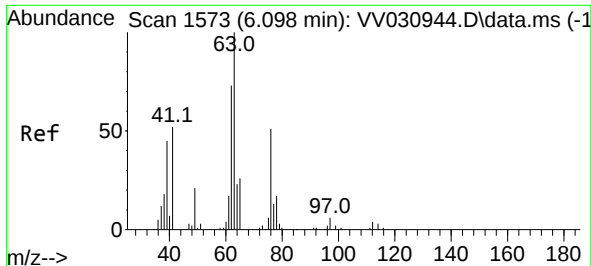
Tgt Ion:	95	Resp:	42571
Ion	Ratio	Lower	Upper
95	100		
97	62.9	46.2	85.8
132	108.4	72.7	135.1
130	109.3	75.7	140.5



#35
Methylcyclohexane
Concen: 4.503 ug/L
RT: 6.056 min Scan# 1560
Delta R.T. -0.003 min
Lab File: VV030980.D
Acq: 03 May 2023 09:59

Tgt Ion:	83	Resp:	61297
Ion	Ratio	Lower	Upper
83	100		
55	78.4	62.9	94.3
98	51.5	40.5	60.7





#37

1,2-Dichloropropane

Concen: 4.989 ug/L

RT: 6.101 min Scan# 1

Delta R.T. -0.000 min

Lab File: VV030980.D

Acq: 03 May 2023 09:59

Instrument :

MSVOA_V

ClientSampleId :

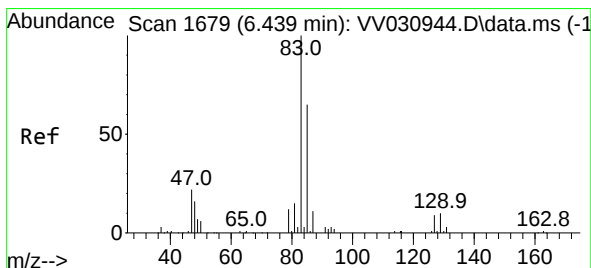
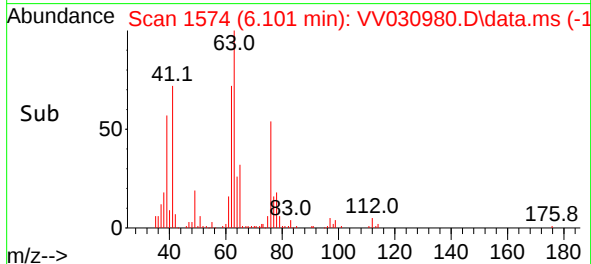
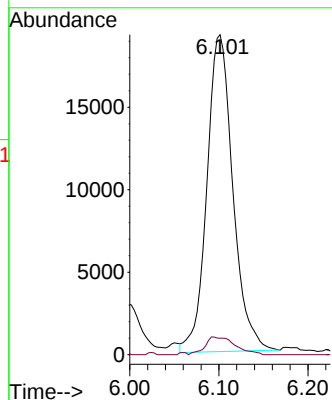
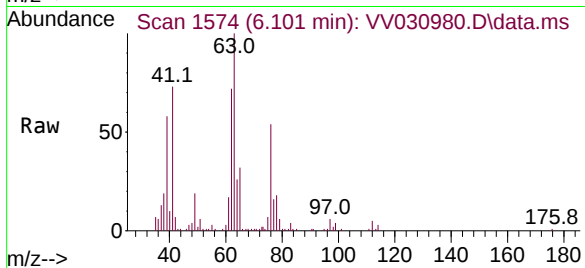
VSTD005340

Tgt Ion: 63 Resp: 38990

Ion Ratio Lower Upper

63 100

112 6.5 3.8 5.8#



#38

Bromodichloromethane

Concen: 5.177 ug/L

RT: 6.439 min Scan# 1679

Delta R.T. -0.003 min

Lab File: VV030980.D

Acq: 03 May 2023 09:59

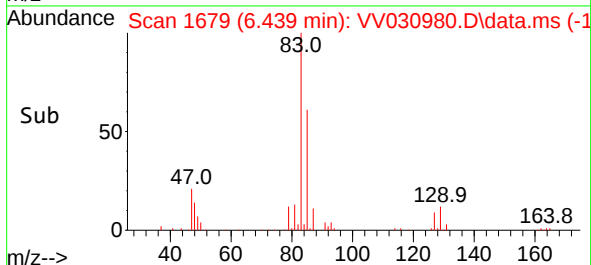
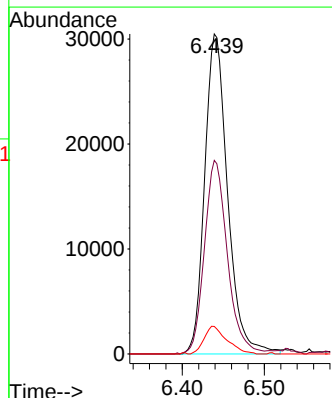
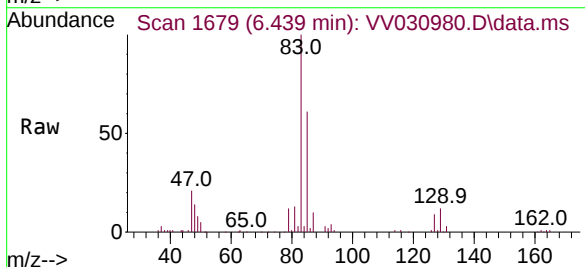
Tgt Ion: 83 Resp: 59219

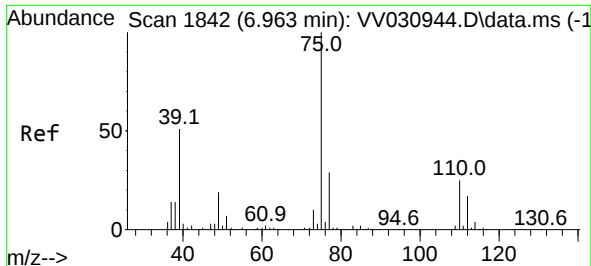
Ion Ratio Lower Upper

83 100

85 60.5 44.4 82.4

127 8.6 6.6 9.8





#39

cis-1,3-Dichloropropene

Concen: 4.920 ug/L

RT: 6.963 min Scan# 11

Delta R.T. -0.000 min

Lab File: VV030980.D

Acq: 03 May 2023 09:59

Instrument :

MSVOA_V

ClientSampleId :

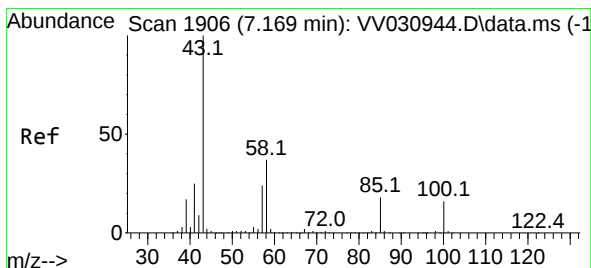
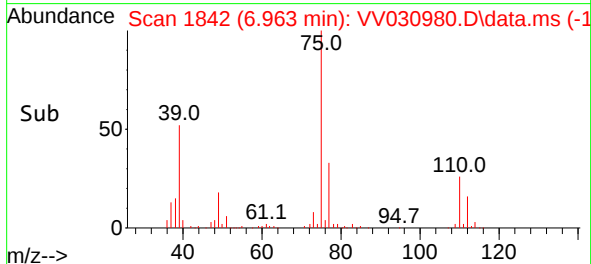
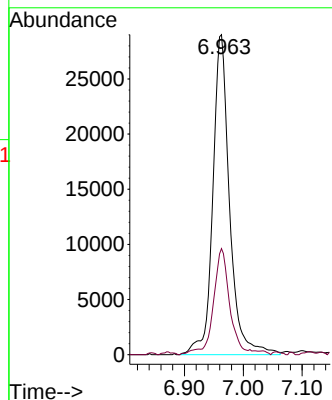
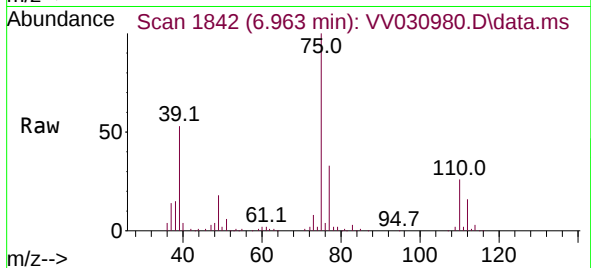
VSTD005340

Tgt Ion: 75 Resp: 57592

Ion Ratio Lower Upper

75 100

77 33.2 22.6 42.0



#40

4-Methyl-2-pentanone

Concen: 50.479 ug/L

RT: 7.166 min Scan# 1905

Delta R.T. -0.006 min

Lab File: VV030980.D

Acq: 03 May 2023 09:59

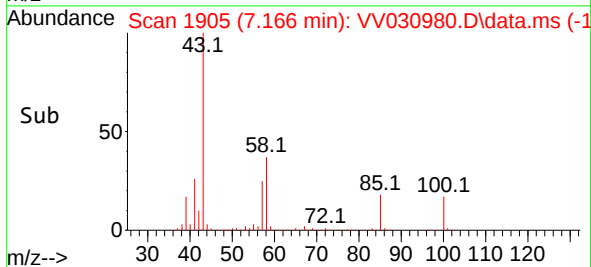
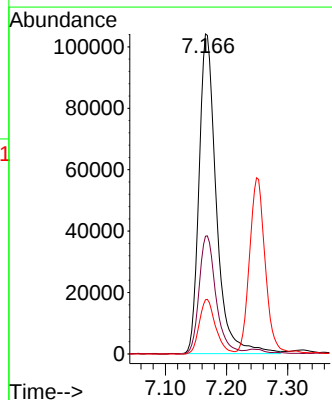
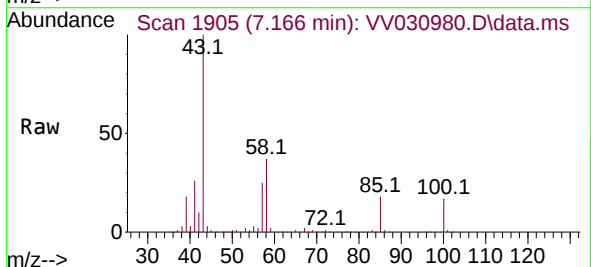
Tgt Ion: 43 Resp: 204417

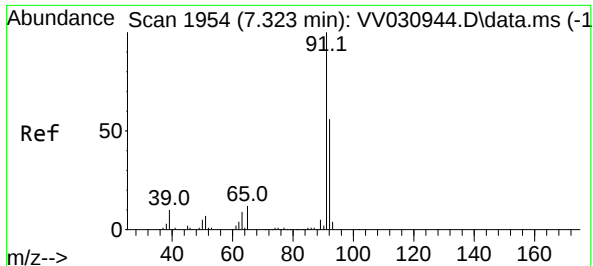
Ion Ratio Lower Upper

43 100

58 36.2 28.3 42.5

100 16.1 11.8 17.8





#42

Toluene

Concen: 5.146 ug/L

RT: 7.323 min Scan# 1954

Delta R.T. -0.000 min

Lab File: VV030980.D

Acq: 03 May 2023 09:59

Instrument :

MSVOA_V

ClientSampleId :

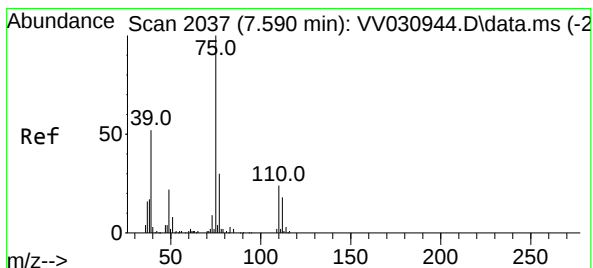
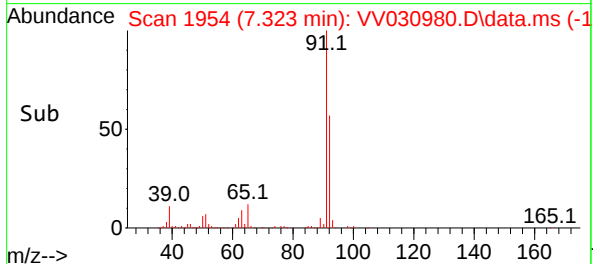
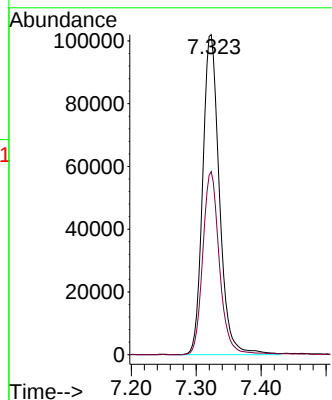
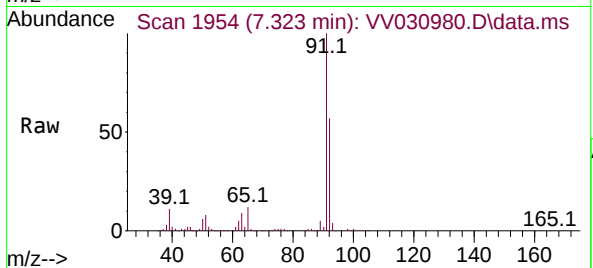
VSTD005340

Tgt Ion: 91 Resp: 182562

Ion Ratio Lower Upper

91 100

92 57.2 40.5 75.1



#44

trans-1,3-Dichloropropene

Concen: 4.974 ug/L

RT: 7.590 min Scan# 2037

Delta R.T. -0.003 min

Lab File: VV030980.D

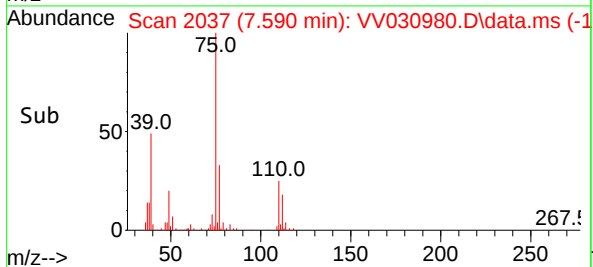
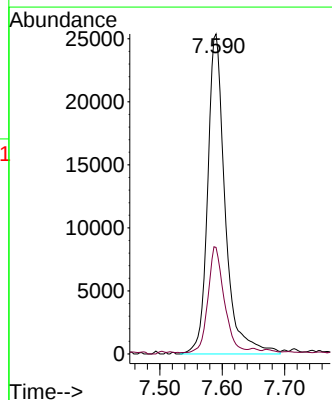
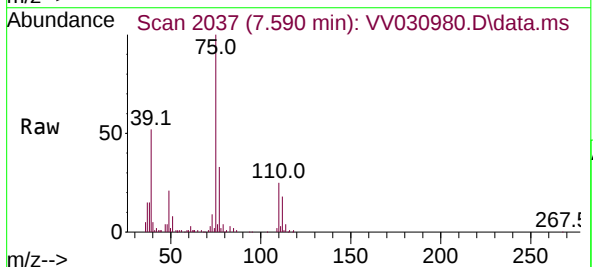
Acq: 03 May 2023 09:59

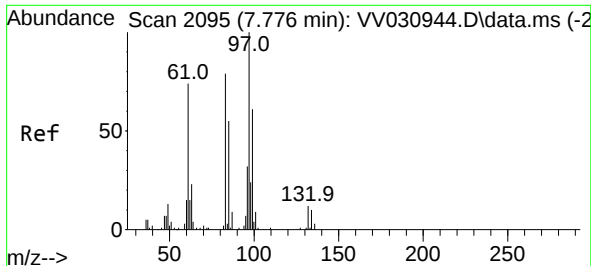
Tgt Ion: 75 Resp: 49608

Ion Ratio Lower Upper

75 100

77 33.3 21.6 40.0

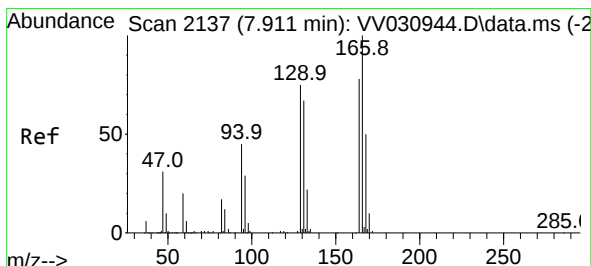
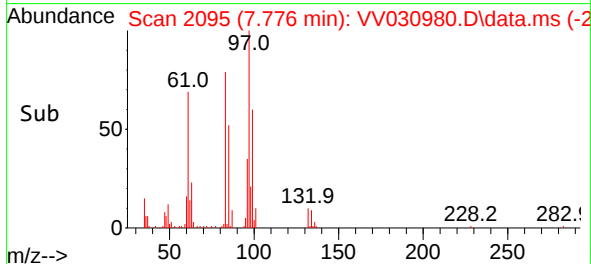
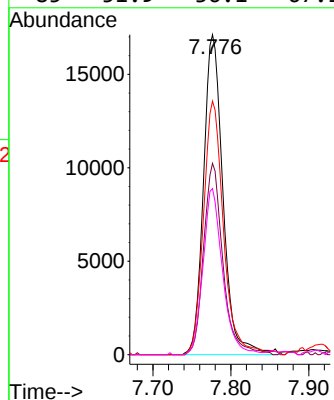
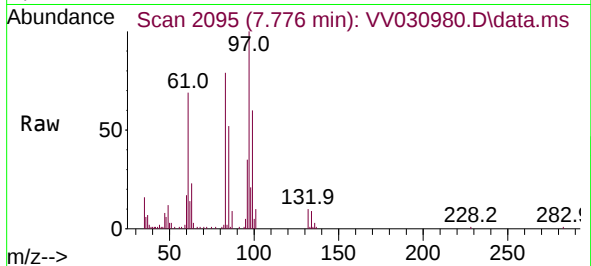




#45
1,1,2-Trichloroethane
Concen: 5.136 ug/L
RT: 7.776 min Scan# 2095
Delta R.T. -0.003 min
Lab File: VV030980.D
Acq: 03 May 2023 09:59

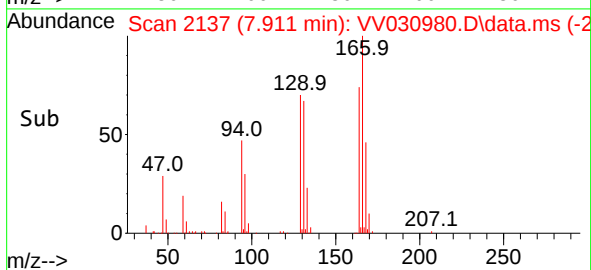
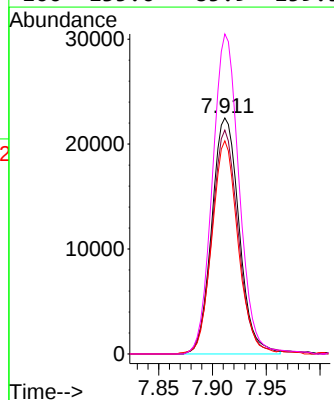
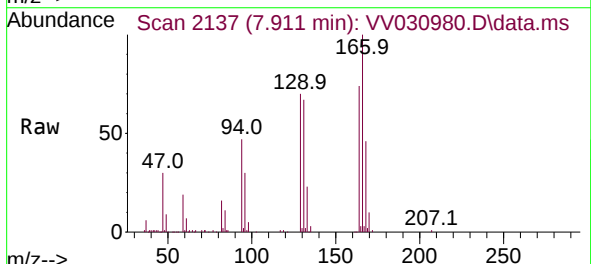
Instrument :
MSVOA_V
ClientSampleId :
VSTD005340

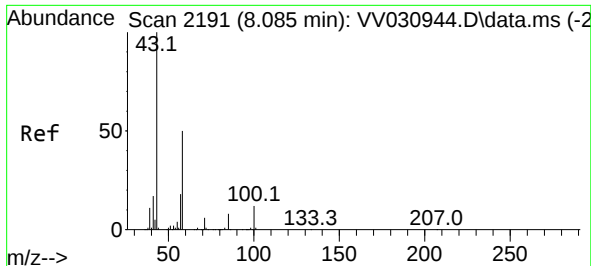
Tgt Ion:	97	Resp:	29782
Ion	Ratio	Lower	Upper
97	100		
99	59.8	42.8	79.6
83	79.3	57.5	106.7
85	51.9	36.1	67.1



#47
Tetrachloroethene
Concen: 4.743 ug/L
RT: 7.911 min Scan# 2137
Delta R.T. -0.003 min
Lab File: VV030980.D
Acq: 03 May 2023 09:59

Tgt Ion:	164	Resp:	39740
Ion	Ratio	Lower	Upper
164	100		
129	94.9	60.5	112.3
131	90.3	60.8	112.8
166	135.6	85.9	159.5

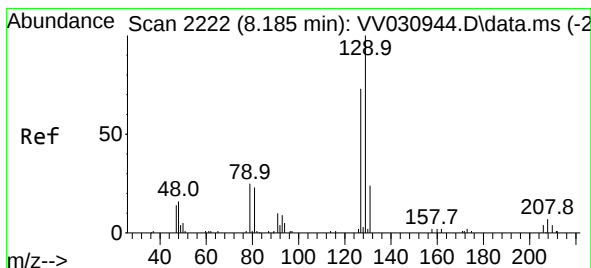
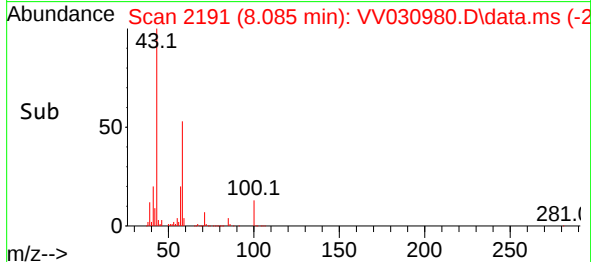
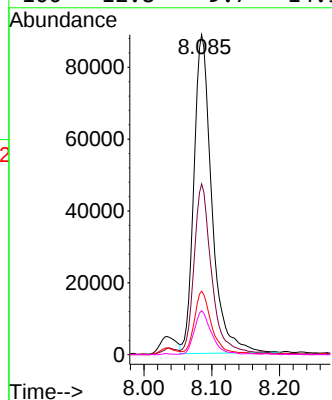
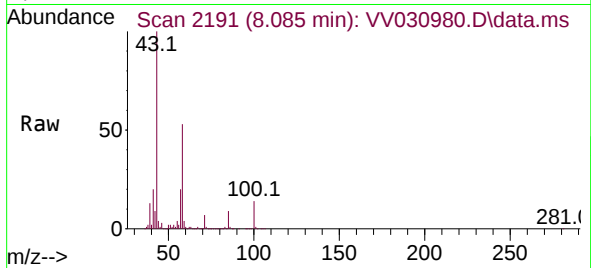




#48
2-Hexanone
Concen: 52.681 ug/L
RT: 8.085 min Scan# 2191
Delta R.T. -0.003 min
Lab File: VV030980.D
Acq: 03 May 2023 09:59

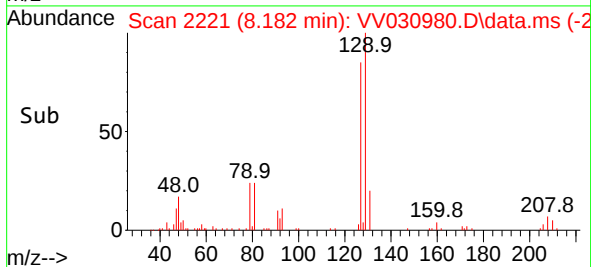
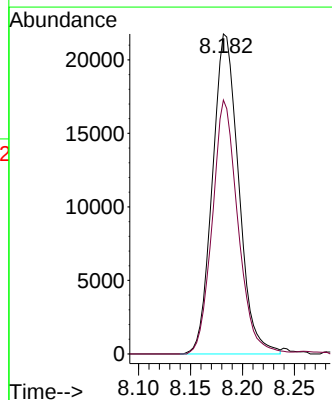
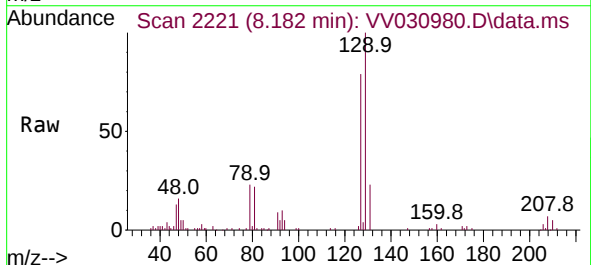
Instrument :
MSVOA_V
ClientSampleId :
VSTD005340

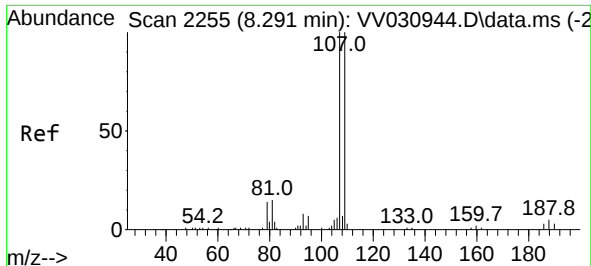
Tgt Ion: 43 Resp: 163625
Ion Ratio Lower Upper
43 100
58 50.8 39.9 59.9
57 18.7 14.1 21.1
100 12.8 9.7 14.5



#49
Dibromochloromethane
Concen: 5.251 ug/L
RT: 8.182 min Scan# 2221
Delta R.T. -0.003 min
Lab File: VV030980.D
Acq: 03 May 2023 09:59

Tgt Ion: 129 Resp: 38309
Ion Ratio Lower Upper
129 100
127 79.3 55.3 102.7





#50

1,2-Dibromoethane

Concen: 4.991 ug/L

RT: 8.291 min Scan# 21

Delta R.T. -0.000 min

Lab File: VV030980.D

Acq: 03 May 2023 09:59

Instrument :

MSVOA_V

ClientSampleId :

VSTD005340

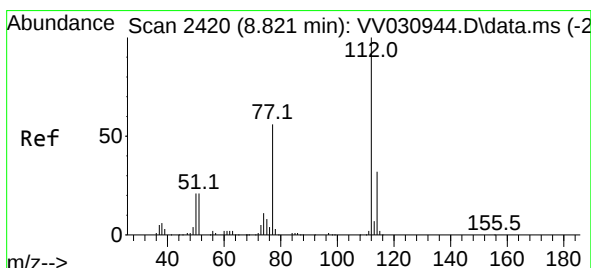
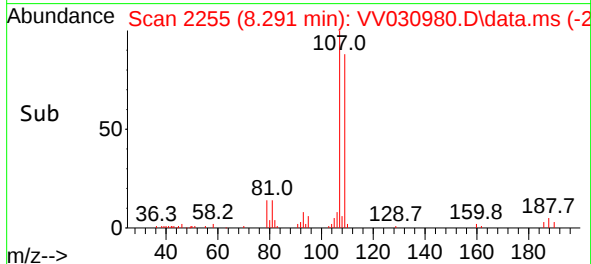
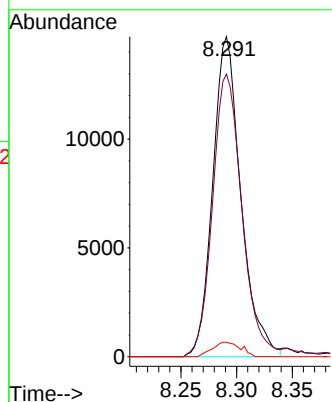
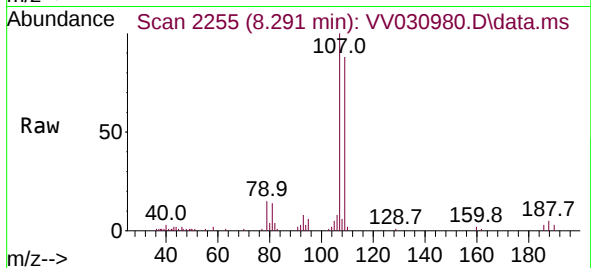
Tgt Ion:107 Resp: 25818

Ion Ratio Lower Upper

107 100

109 88.3 64.9 120.5

188 4.5 3.2 4.8



#51

Chlorobenzene

Concen: 4.939 ug/L

RT: 8.821 min Scan# 2420

Delta R.T. -0.000 min

Lab File: VV030980.D

Acq: 03 May 2023 09:59

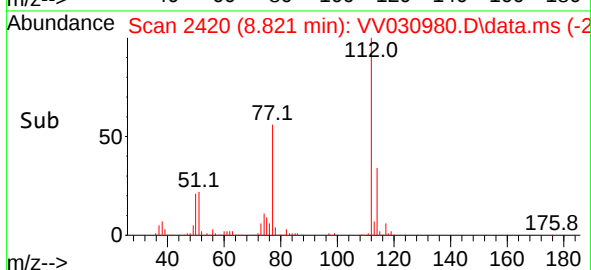
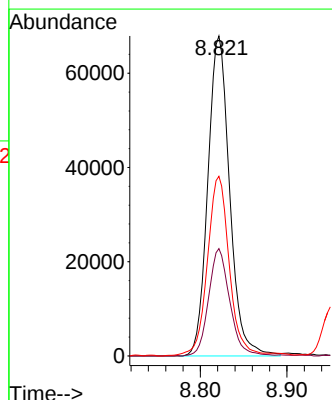
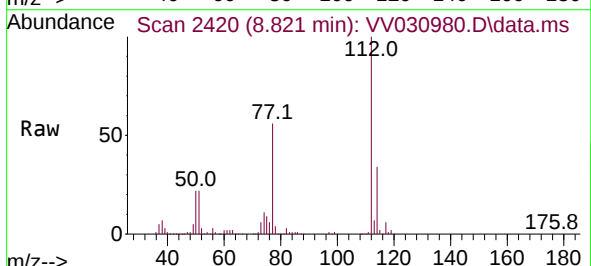
Tgt Ion:112 Resp: 118798

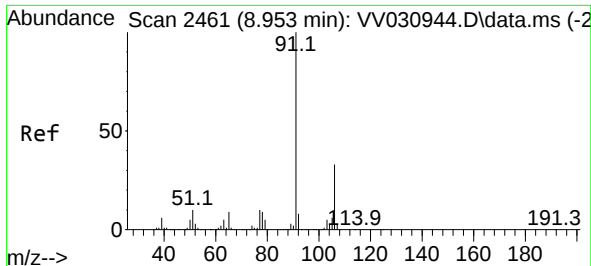
Ion Ratio Lower Upper

112 100

114 33.5 22.5 41.9

77 56.1 45.3 67.9

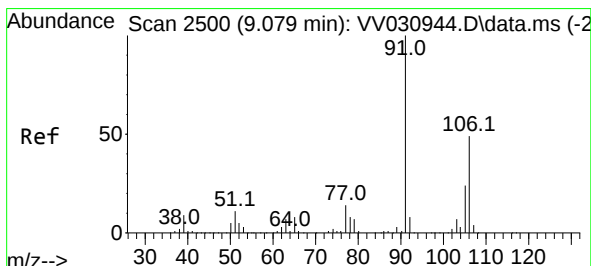
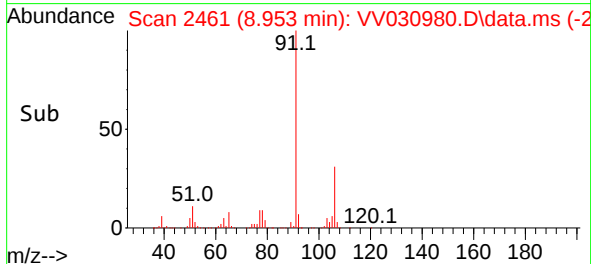
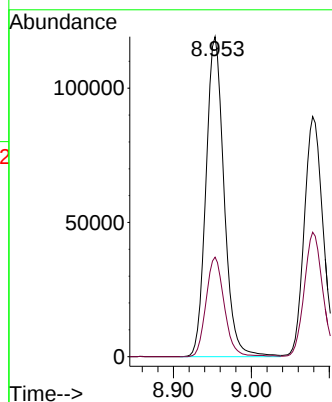
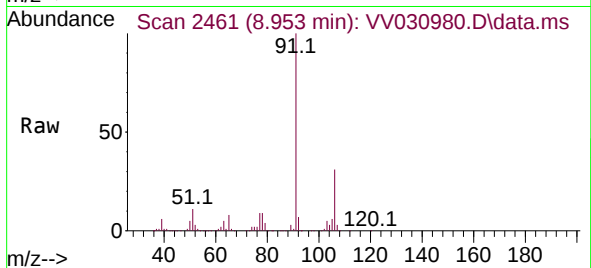




#52
Ethylbenzene
Concen: 4.977 ug/L
RT: 8.953 min Scan# 2461
Delta R.T. -0.000 min
Lab File: VV030980.D
Acq: 03 May 2023 09:59

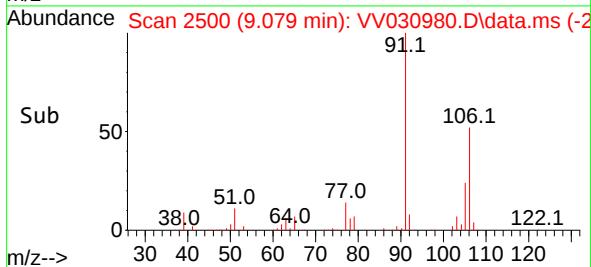
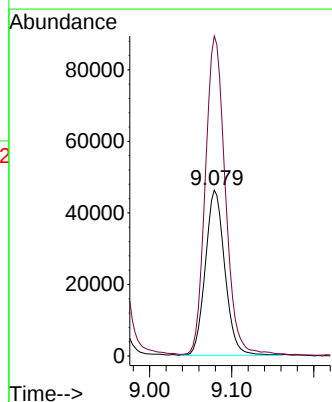
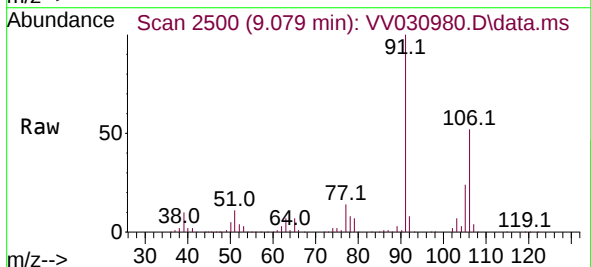
Instrument :
MSVOA_V
ClientSampleId :
VSTD005340

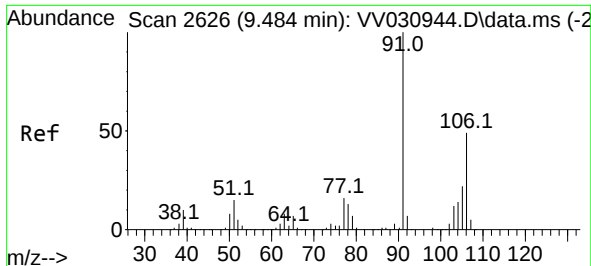
Tgt Ion: 91 Resp: 192509
Ion Ratio Lower Upper
91 100
106 31.1 21.4 39.8



#53
m,p-Xylene
Concen: 4.951 ug/L
RT: 9.079 min Scan# 2500
Delta R.T. -0.000 min
Lab File: VV030980.D
Acq: 03 May 2023 09:59

Tgt Ion: 106 Resp: 76410
Ion Ratio Lower Upper
106 100
91 192.9 138.7 257.5

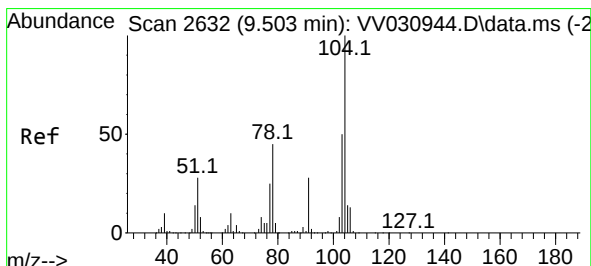
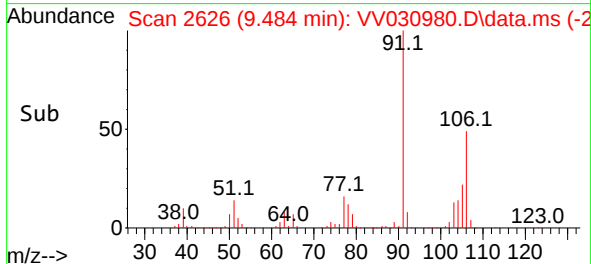
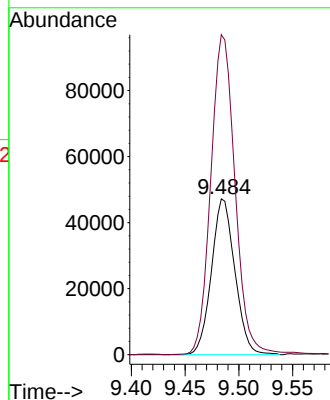
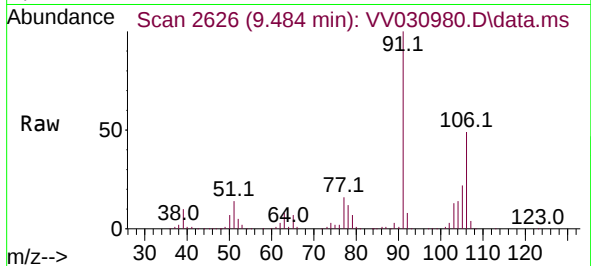




#54
o-Xylene
Concen: 4.870 ug/L
RT: 9.484 min Scan# 2626
Delta R.T. -0.003 min
Lab File: VV030980.D
Acq: 03 May 2023 09:59

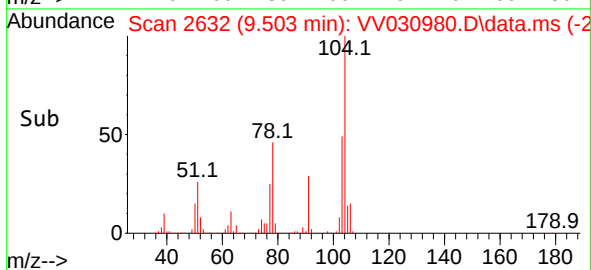
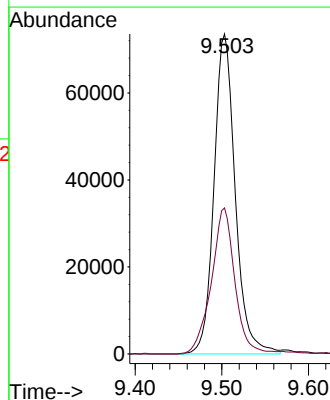
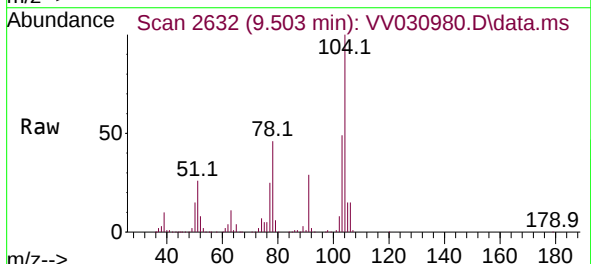
Instrument :
MSVOA_V
ClientSampleId :
VSTD005340

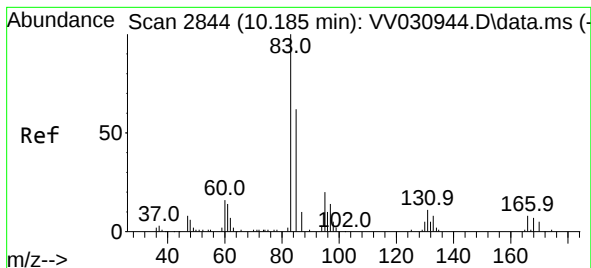
Tgt Ion:106 Resp: 71540
Ion Ratio Lower Upper
106 100
91 205.3 145.1 269.5



#55
Styrene
Concen: 5.060 ug/L
RT: 9.503 min Scan# 2632
Delta R.T. -0.000 min
Lab File: VV030980.D
Acq: 03 May 2023 09:59

Tgt Ion:104 Resp: 125424
Ion Ratio Lower Upper
104 100
78 45.7 31.4 58.2

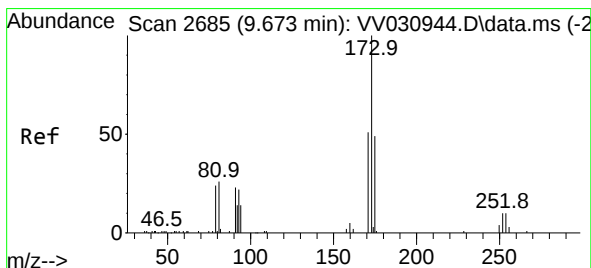
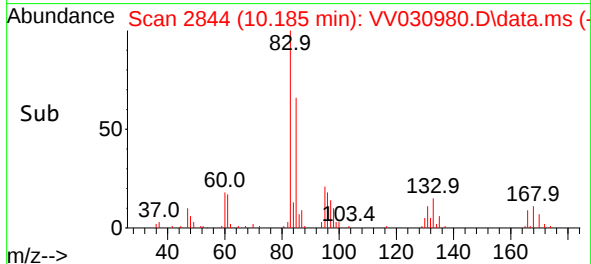
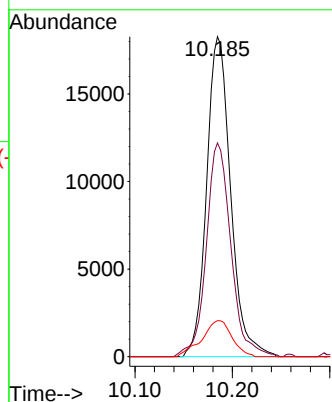
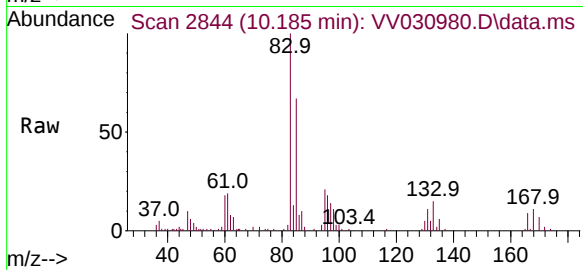




#57
 1,1,2,2-Tetrachloroethane
 Concen: 4.832 ug/L
 RT: 10.185 min Scan# 2844
 Delta R.T. -0.000 min
 Lab File: VV030980.D
 Acq: 03 May 2023 09:59

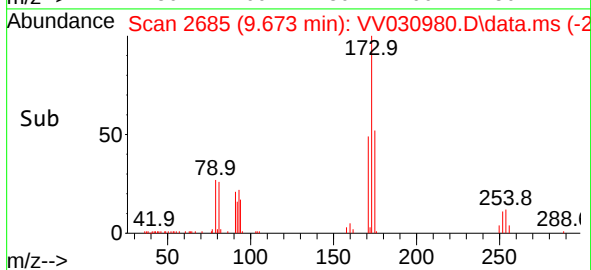
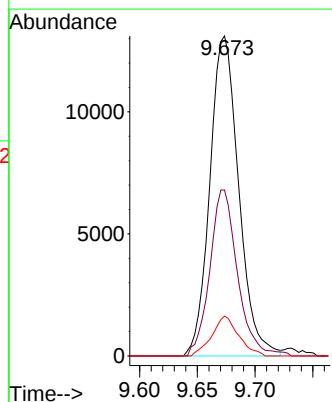
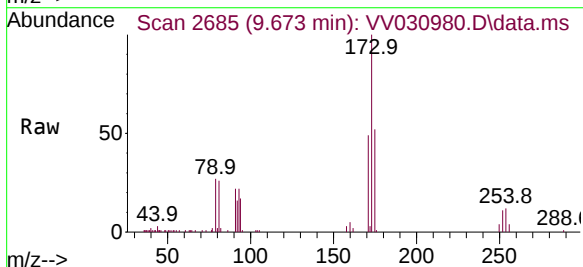
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005340

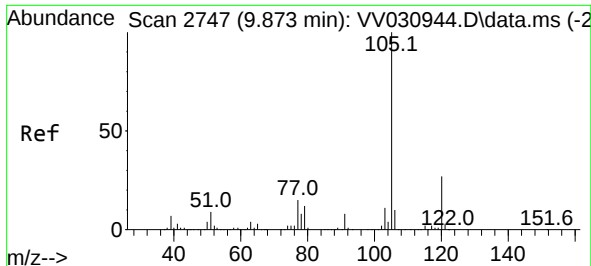
Tgt Ion: 83 Resp: 31324
 Ion Ratio Lower Upper
 83 100
 85 66.8 45.2 84.0
 131 11.2 8.3 12.5



#59
 Bromoform
 Concen: 4.927 ug/L
 RT: 9.673 min Scan# 2685
 Delta R.T. -0.000 min
 Lab File: VV030980.D
 Acq: 03 May 2023 09:59

Tgt Ion: 173 Resp: 22798
 Ion Ratio Lower Upper
 173 100
 175 49.8 39.9 59.9
 254 11.5 9.7 14.5

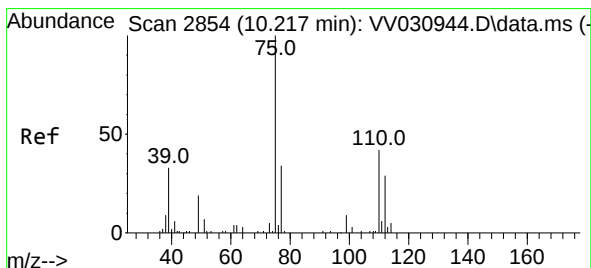
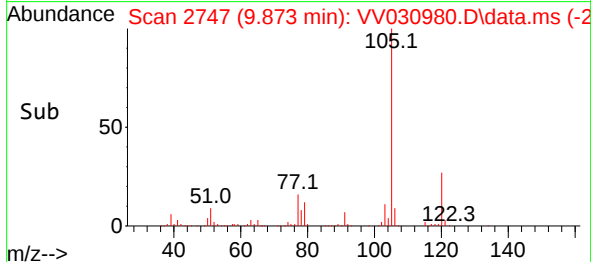
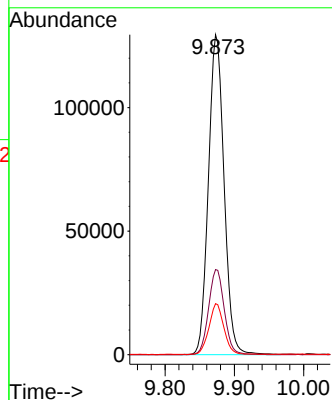
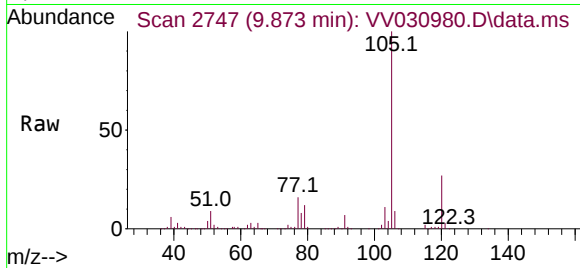




#60
Isopropylbenzene
Concen: 4.785 ug/L
RT: 9.873 min Scan# 21
Delta R.T. -0.003 min
Lab File: VV030980.D
Acq: 03 May 2023 09:59

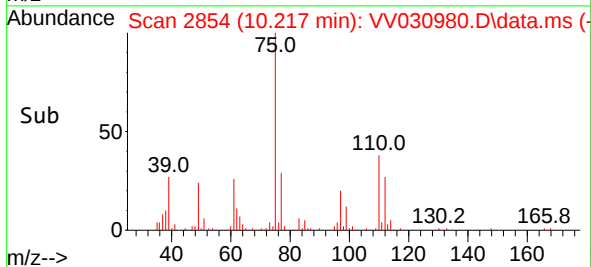
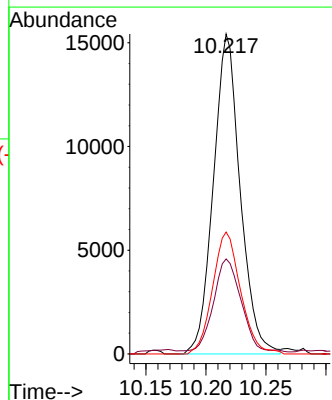
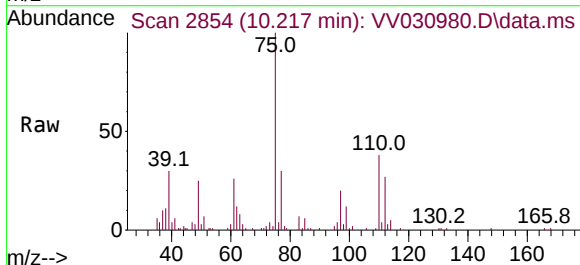
Instrument :
MSVOA_V
ClientSampleId :
VSTD005340

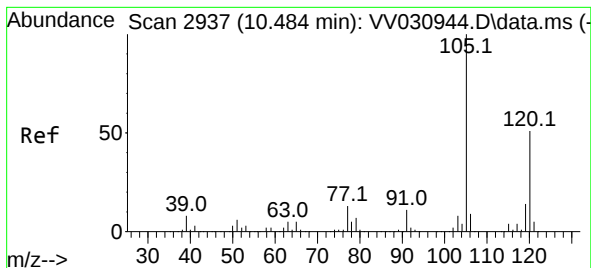
Tgt Ion:105 Resp: 202773
Ion Ratio Lower Upper
105 100
120 26.6 22.2 33.4
77 15.3 13.0 19.6



#61
1,2,3-Trichloropropane
Concen: 4.847 ug/L
RT: 10.217 min Scan# 2854
Delta R.T. -0.000 min
Lab File: VV030980.D
Acq: 03 May 2023 09:59

Tgt Ion: 75 Resp: 23933
Ion Ratio Lower Upper
75 100
77 29.9 25.3 37.9
110 39.8 34.0 51.0





#62

1,3,5-Trimethylbenzene

Concen: 4.643 ug/L

RT: 10.484 min Scan# 2937

Delta R.T. -0.000 min

Lab File: VV030980.D

Acq: 03 May 2023 09:59

Instrument :

MSVOA_V

ClientSampleId :

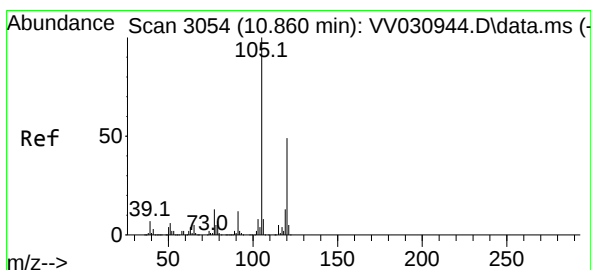
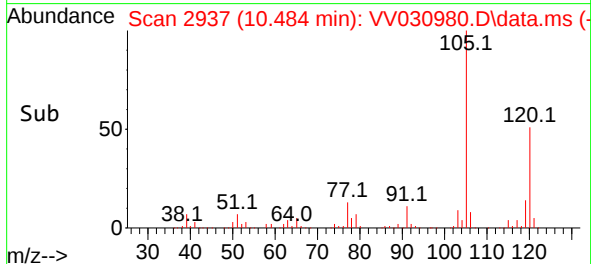
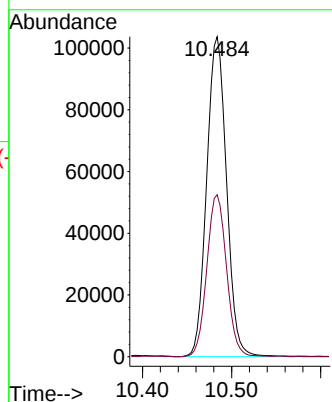
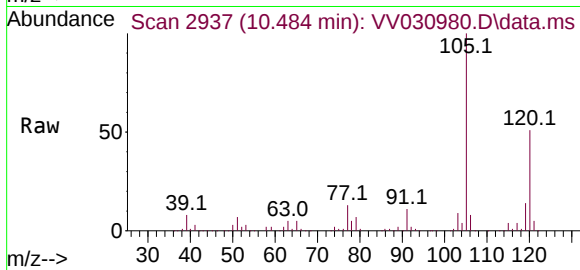
VSTD005340

Tgt Ion:105 Resp: 160182

Ion Ratio Lower Upper

105 100

120 50.3 40.2 60.4



#63

1,2,4-Trimethylbenzene

Concen: 4.616 ug/L

RT: 10.860 min Scan# 3054

Delta R.T. -0.000 min

Lab File: VV030980.D

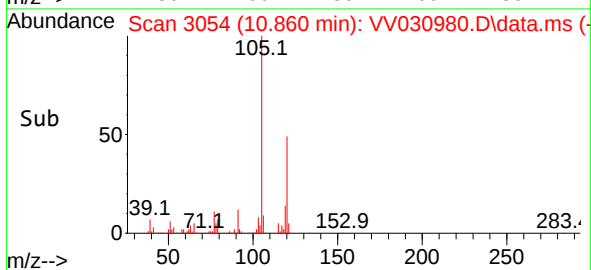
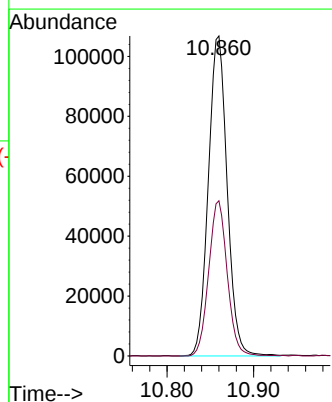
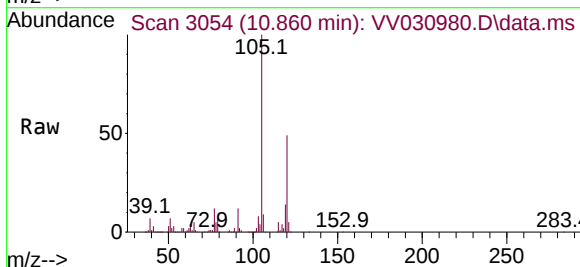
Acq: 03 May 2023 09:59

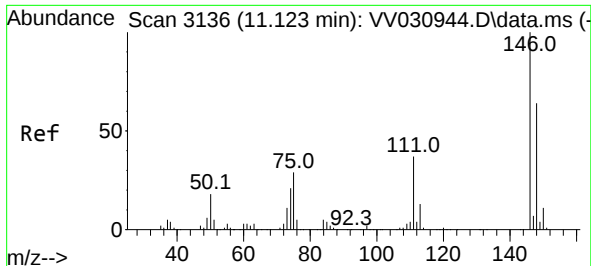
Tgt Ion:105 Resp: 161378

Ion Ratio Lower Upper

105 100

120 47.7 37.9 56.9

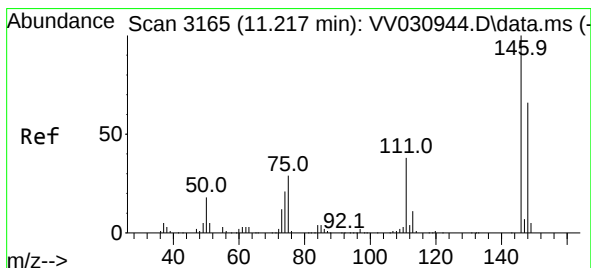
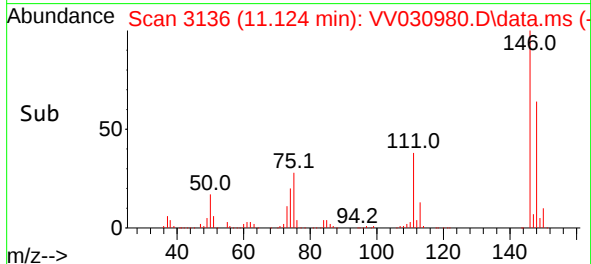
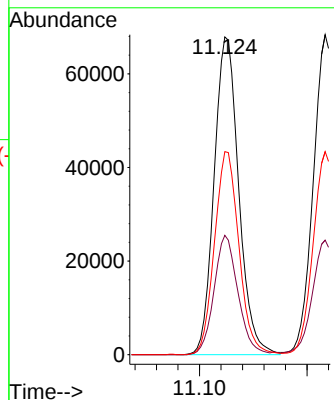
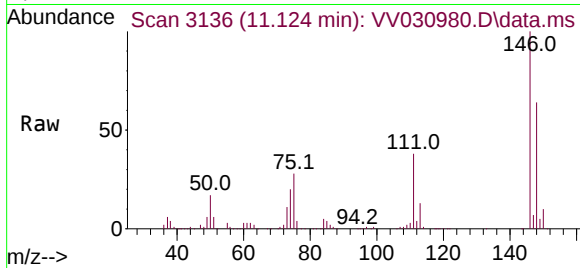




#64
1,3-Dichlorobenzene
Concen: 4.960 ug/L
RT: 11.124 min Scan# 3136
Delta R.T. -0.000 min
Lab File: VV030980.D
Acq: 03 May 2023 09:59

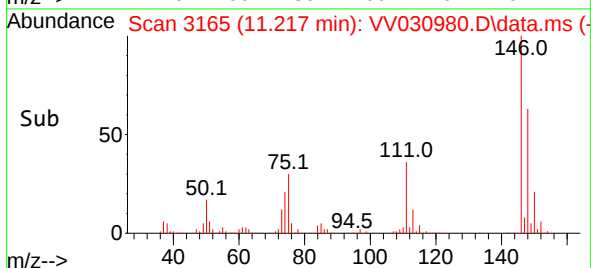
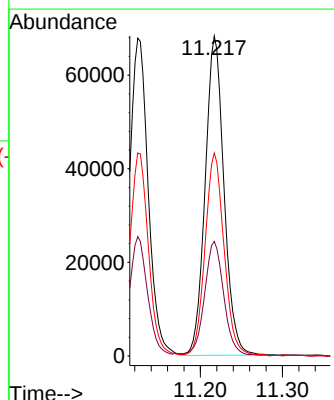
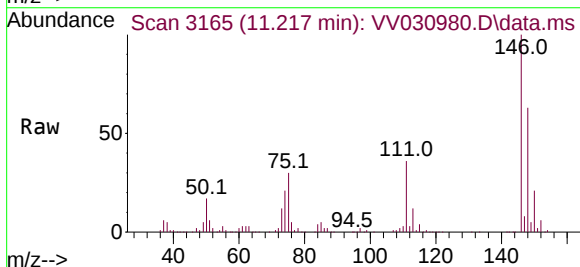
Instrument :
MSVOA_V
ClientSampleId :
VSTD005340

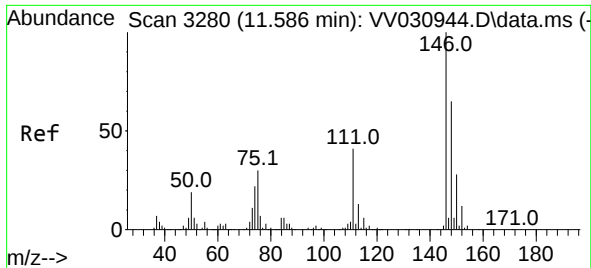
Tgt Ion:146 Resp: 107968
Ion Ratio Lower Upper
146 100
111 37.6 26.5 49.3
148 63.9 43.4 80.6



#65
1,4-Dichlorobenzene
Concen: 4.954 ug/L
RT: 11.217 min Scan# 3165
Delta R.T. -0.000 min
Lab File: VV030980.D
Acq: 03 May 2023 09:59

Tgt Ion:146 Resp: 108776
Ion Ratio Lower Upper
146 100
111 35.8 23.9 44.5
148 63.4 42.8 79.6

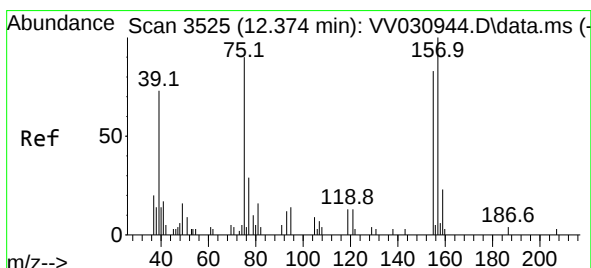
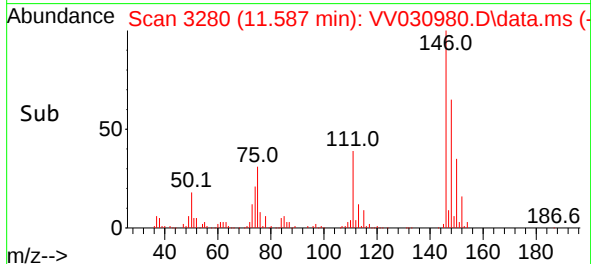
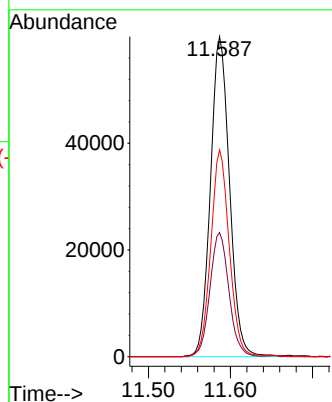
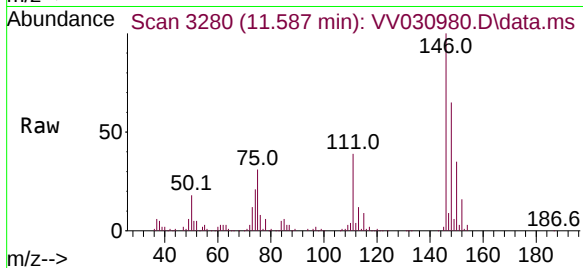




#67
1,2-Dichlorobenzene
Concen: 4.953 ug/L
RT: 11.587 min Scan# 31
Delta R.T. -0.000 min
Lab File: VV030980.D
Acq: 03 May 2023 09:59

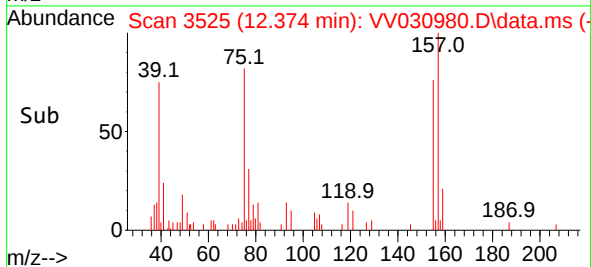
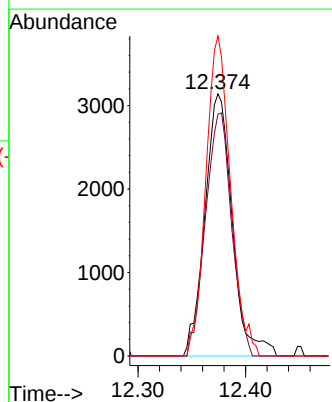
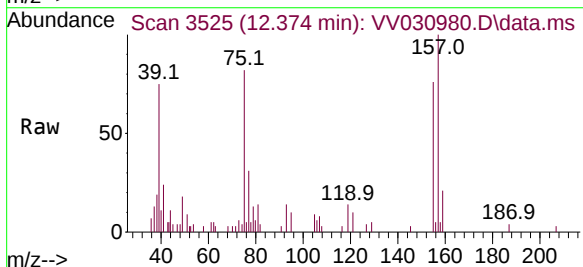
Instrument :
MSVOA_V
ClientSampleId :
VSTD005340

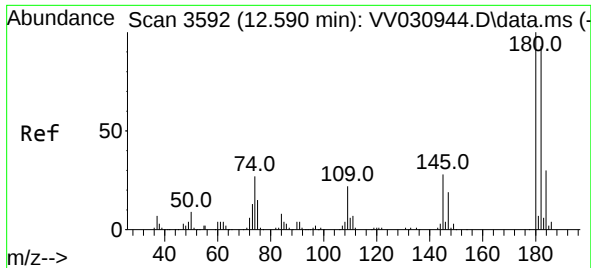
Tgt Ion:146 Resp: 96928
Ion Ratio Lower Upper
146 100
111 38.8 34.0 51.0
148 64.6 53.8 80.6



#68
1,2-Dibromo-3-chloropropane
Concen: 4.425 ug/L
RT: 12.374 min Scan# 3525
Delta R.T. -0.000 min
Lab File: VV030980.D
Acq: 03 May 2023 09:59

Tgt Ion: 75 Resp: 5546
Ion Ratio Lower Upper
75 100
155 92.2 56.2 84.4#
157 122.1 83.1 124.7

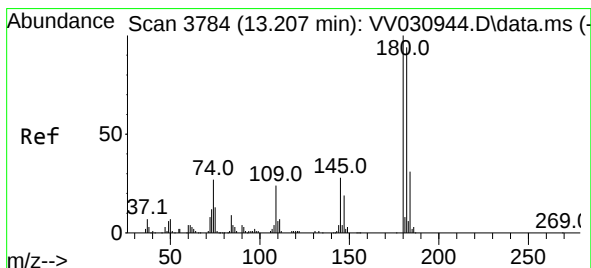
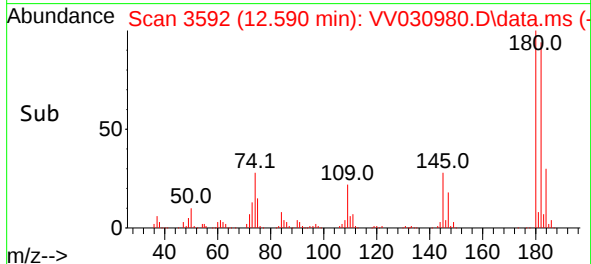
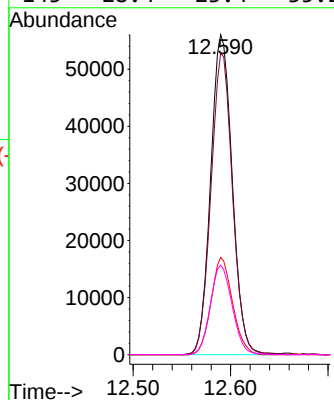
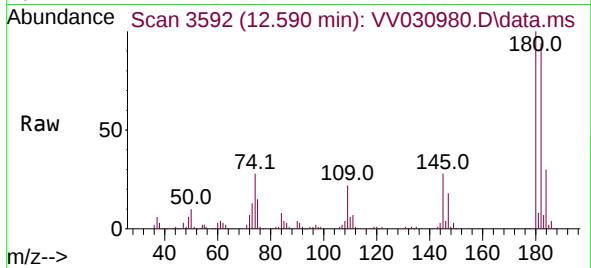




#69
 1,3,5-Trichlorobenzene
 Concen: 5.007 ug/L
 RT: 12.590 min Scan# 3592
 Delta R.T. -0.000 min
 Lab File: VV030980.D
 Acq: 03 May 2023 09:59

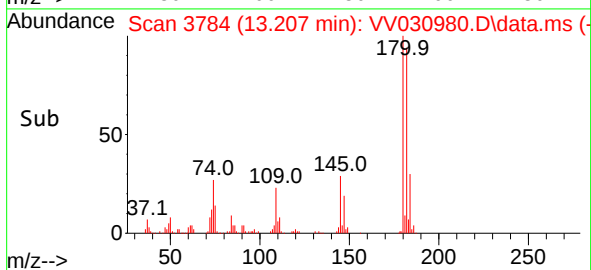
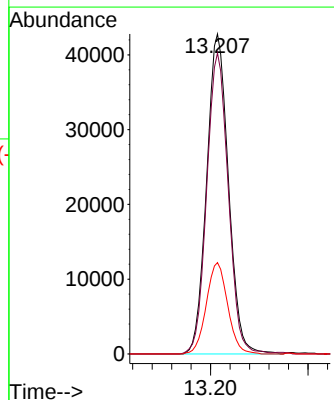
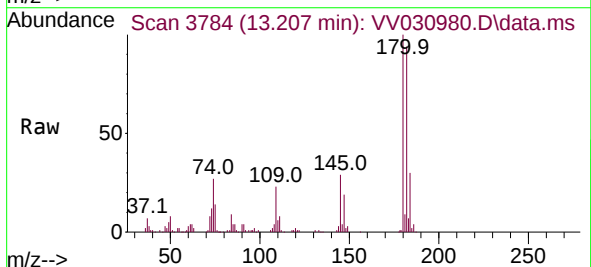
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005340

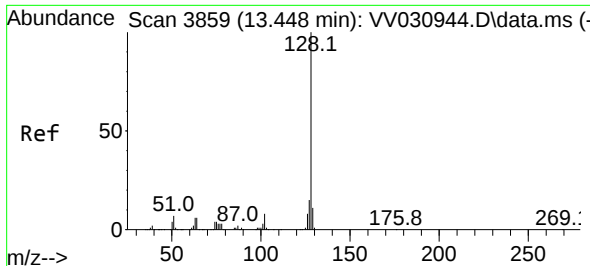
Tgt Ion:180	Resp:	86293
Ion Ratio	Lower	Upper
180	100	
182	93.9	75.1 112.7
184	30.2	24.1 36.1
145	28.4	23.4 35.2



#70
 1,2,4-trichlorobenzene
 Concen: 5.021 ug/L
 RT: 13.207 min Scan# 3784
 Delta R.T. -0.000 min
 Lab File: VV030980.D
 Acq: 03 May 2023 09:59

Tgt Ion:180	Resp:	66491
Ion Ratio	Lower	Upper
180	100	
182	92.5	76.0 114.0
145	27.9	22.9 34.3

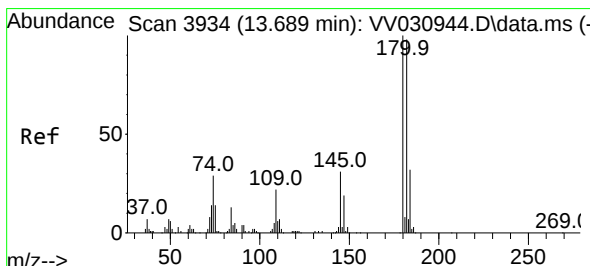
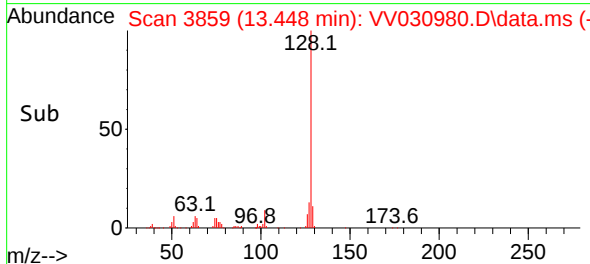
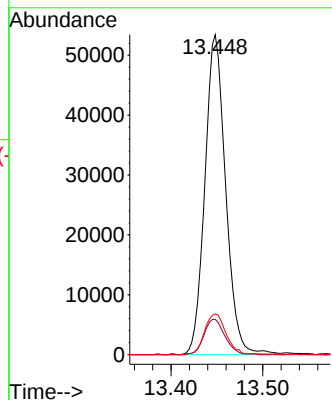
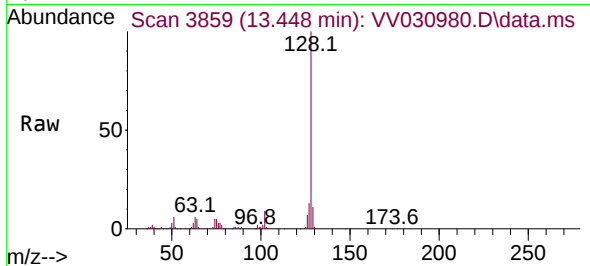




#71
Naphthalene
Concen: 4.435 ug/L
RT: 13.448 min Scan# 3859
Delta R.T. 0.003 min
Lab File: VV030980.D
Acq: 03 May 2023 09:59

Instrument :
MSVOA_V
ClientSampleId :
VSTD005340

Tgt Ion:128 Resp: 84222
Ion Ratio Lower Upper
128 100
129 11.2 8.6 13.0
127 13.3 10.6 16.0



#72
1,2,3-Trichlorobenzene
Concen: 4.894 ug/L
RT: 13.689 min Scan# 3934
Delta R.T. -0.000 min
Lab File: VV030980.D
Acq: 03 May 2023 09:59

Tgt Ion:180 Resp: 54866
Ion Ratio Lower Upper
180 100
182 94.9 77.3 115.9
145 30.6 24.7 37.1

