

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW050123\
 Data File : VW030944.D
 Acq On : 01 May 2023 10:10
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005338

Quant Time: May 02 01:32:34 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	130035	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	127284	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	74681	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	48787	4.554	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.000%
7) Chloroethane-d5	1.535	69	38288	4.381	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.600%
11) 1,1-Dichloroethene-d2	2.063	65	25759	4.543	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	90.800%
20) 2-Butanone-d5	3.834	46	78799	41.477	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	82.960%
24) Chloroform-d	4.259	84	94332	4.430	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.600%
26) 1,2-Dichloroethane-d4	4.953	65	47281	4.368	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.400%
32) Benzene-d6	4.969	84	164611	4.412	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.200%
36) 1,2-Dichloropropane-d6	5.995	67	45110	4.158	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	83.200%
41) Toluene-d8	7.249	98	161693	4.551	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.000%
43) trans-1,3-Dichloroprop...	7.561	79	18314	4.503	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.000%
46) 2-Hexanone-d5	8.034	63	59000	41.409	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	82.820%
56) 1,1,2,2-Tetrachloroeth...	10.159	84	34049	4.330	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	86.600%
66) 1,2-Dichlorobenzene-d4	11.567	152	58096	4.173	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	83.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	49968	4.864	ug/L	98
3) Chloromethane	1.217	50	54024	4.481	ug/L	99
5) Vinyl chloride	1.285	62	48391	4.796	ug/L	97
6) Bromomethane	1.490	94	22274	4.635	ug/L	91
8) Chloroethane	1.555	64	29676	4.832	ug/L	97
9) Trichlorofluoromethane	1.719	101	91368	4.908	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.072	101	47110	4.957	ug/L	98
12) 1,1-Dichloroethene	2.072	96	42622	4.870	ug/L	97
13) Acetone	2.166	43	79898	49.234	ug/L	83
14) Carbon disulfide	2.246	76	99484	4.345	ug/L	99
15) Methyl Acetate	2.394	43	10632	3.220	ug/L #	76
16) Methylene chloride	2.452	84	42254	4.268	ug/L	95
17) Methyl tert-butyl Ether	2.712	73	84633	5.080	ug/L	99
18) trans-1,2-Dichloroethene	2.699	96	38589	4.828	ug/L	100
19) 1,1-Dichloroethane	3.117	63	76562	4.960	ug/L	99
21) 2-Butanone	3.915	43	81667	45.758	ug/L	94
22) cis-1,2-Dichloroethene	3.825	96	40839	4.842	ug/L	97
23) Bromochloromethane	4.159	128	20333	5.121	ug/L	95
25) Chloroform	4.285	83	85465	5.161	ug/L	98

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 ALS Vial : 2 Sample Multiplier: 1

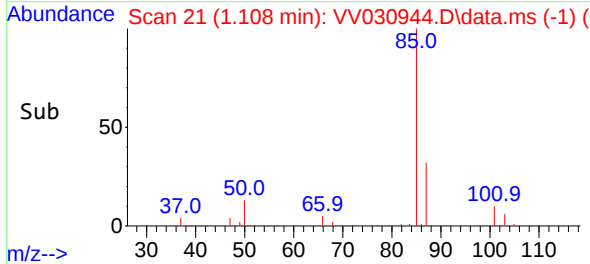
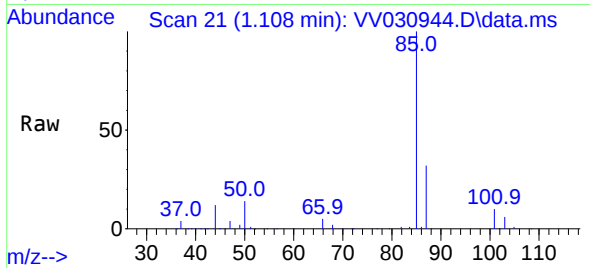
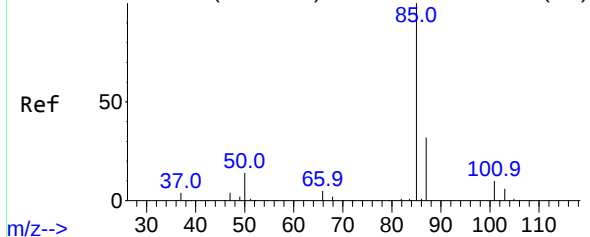
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005338

Quant Time: May 02 01:32:34 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)
27) 1,2-Dichloroethane	5.050	62	53938	5.190	ug/L #	94
29) 1,1,1-Trichloroethane	4.519	97	82195	5.139	ug/L	99
30) Cyclohexane	4.590	56	53318	4.414	ug/L	97
31) Carbon tetrachloride	4.744	117	73119	5.090	ug/L	98
33) Benzene	5.018	78	163839	5.117	ug/L	100
34) Trichloroethene	5.841	95	42227	4.948	ug/L	97
35) Methylcyclohexane	6.056	83	59832	4.524	ug/L	97
37) 1,2-Dichloropropane	6.098	63	41878	5.515	ug/L	98
38) Bromodichloromethane	6.439	83	57471	5.171	ug/L	98
39) cis-1,3-Dichloropropene	6.963	75	57822	5.084	ug/L	94
40) 4-Methyl-2-pentanone	7.169	43	215367	54.734	ug/L	100
42) Toluene	7.323	91	181047	5.252	ug/L	98
44) trans-1,3-Dichloropropene	7.590	75	48340	4.988	ug/L	100
45) 1,1,2-Trichloroethane	7.776	97	29492	5.234	ug/L	97
47) Tetrachloroethene	7.911	164	39792	4.887	ug/L	95
48) 2-Hexanone	8.085	43	165312	54.776	ug/L	99
49) Dibromochloromethane	8.185	129	37577	5.301	ug/L	93
50) 1,2-Dibromoethane	8.291	107	26205	5.214	ug/L #	93
51) Chlorobenzene	8.821	112	116729	4.995	ug/L	100
52) Ethylbenzene	8.953	91	185909	4.947	ug/L	96
53) m,p-Xylene	9.079	106	73968	4.932	ug/L	97
54) o-Xylene	9.484	106	72601	5.087	ug/L	98
55) Styrene	9.503	104	124664	5.176	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.185	83	33784	5.364	ug/L	97
59) Bromoform	9.673	173	22902	5.210	ug/L	98
60) Isopropylbenzene	9.873	105	200451	4.978	ug/L	98
61) 1,2,3-Trichloropropane	10.217	75	23161	4.937	ug/L	96
62) 1,3,5-Trimethylbenzene	10.484	105	159329	4.861	ug/L	100
63) 1,2,4-Trimethylbenzene	10.860	105	158348	4.768	ug/L	99
64) 1,3-Dichlorobenzene	11.123	146	104395	5.048	ug/L	98
65) 1,4-Dichlorobenzene	11.217	146	105981	5.080	ug/L	93
67) 1,2-Dichlorobenzene	11.586	146	93311	5.018	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.374	75	5879	4.937	ug/L #	85
69) 1,3,5-Trichlorobenzene	12.590	180	83525	5.101	ug/L	99
70) 1,2,4-trichlorobenzene	13.207	180	64202	5.103	ug/L	99
71) Naphthalene	13.448	128	83176	4.610	ug/L	99
72) 1,2,3-Trichlorobenzene	13.689	180	53163	4.991	ug/L	99

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

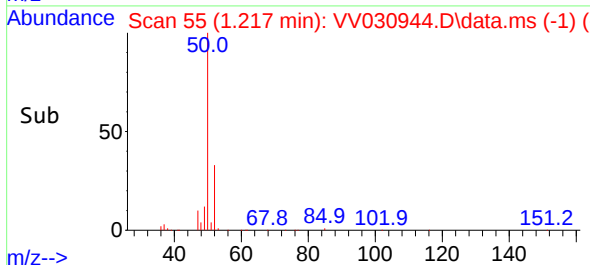
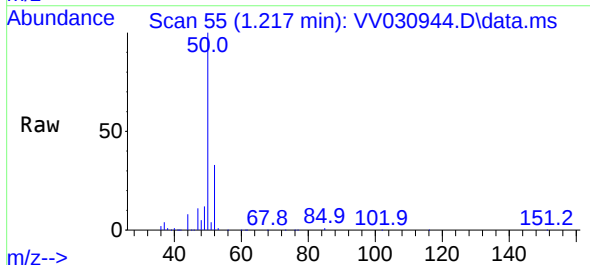
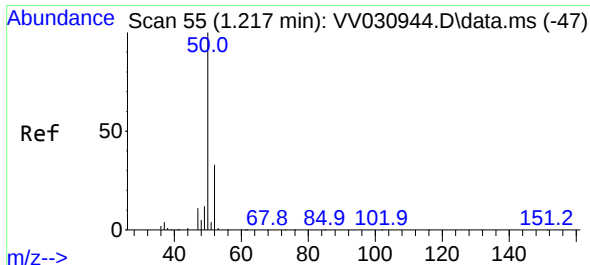
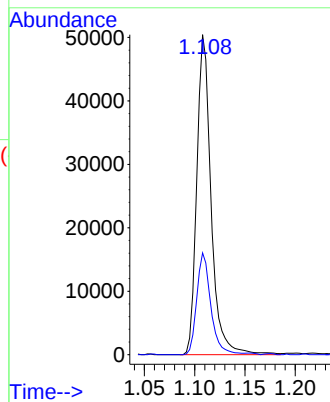
Abundance Scan 21 (1.108 min): VV030944.D\data.ms (-14)



#2
Dichlorodifluoromethane
Concen: 4.864 ug/L
RT: 1.108 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV030944.D
Acq: 01 May 2023 10:10

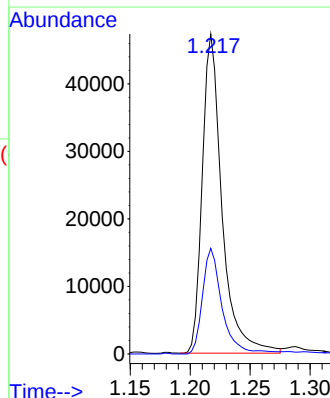
Instrument :
MSVOA_V
ClientSampleId :
VSTD005338

Tgt Ion: 85 Resp: 49968
Ion Ratio Lower Upper
85 100
87 31.3 25.8 38.6

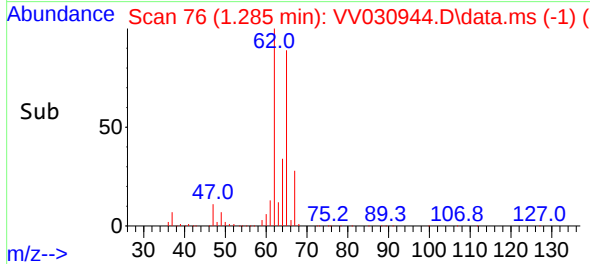
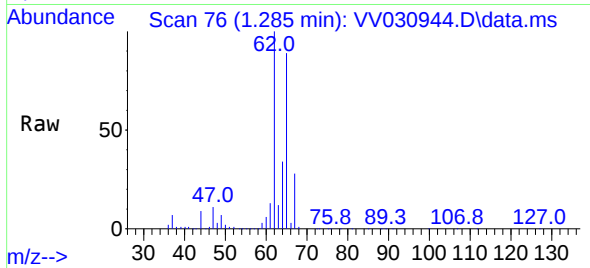
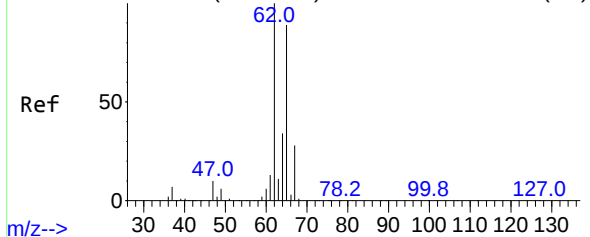


#3
Chloromethane
Concen: 4.481 ug/L
RT: 1.217 min Scan# 55
Delta R.T. -0.000 min
Lab File: VV030944.D
Acq: 01 May 2023 10:10

Tgt Ion: 50 Resp: 54024
Ion Ratio Lower Upper
50 100
52 33.0 22.8 42.4



Abundance Scan 76 (1.285 min): VV030944.D\data.ms (-67)



#5

Vinyl chloride

Concen: 4.796 ug/L

RT: 1.285 min Scan# 76

Delta R.T. -0.000 min

Lab File: VV030944.D

Acq: 01 May 2023 10:10

Instrument :

MSVOA_V

ClientSampleId :

VSTD005338

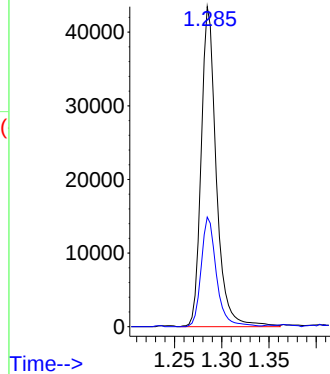
Tgt Ion: 62 Resp: 48391

Ion Ratio Lower Upper

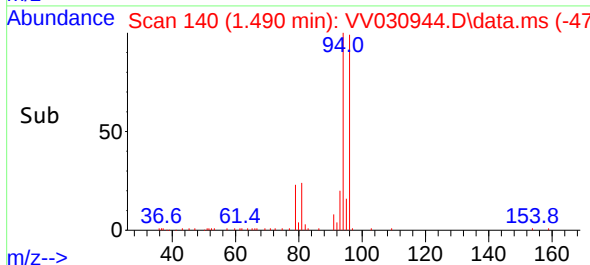
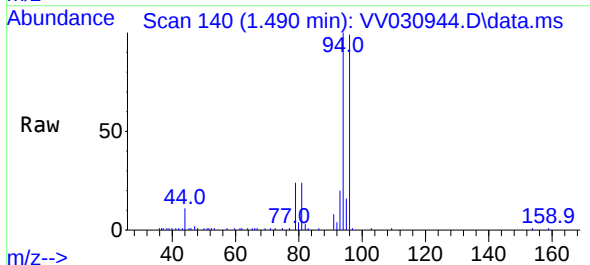
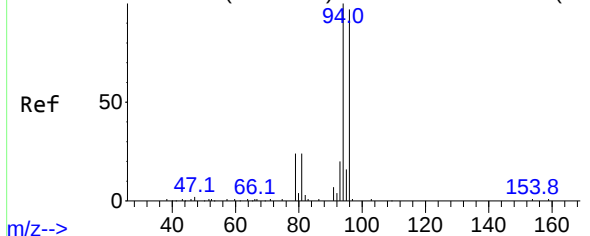
62 100

64 34.3 22.8 42.4

Abundance



Abundance Scan 140 (1.490 min): VV030944.D\data.ms (-13)



#6

Bromomethane

Concen: 4.635 ug/L

RT: 1.490 min Scan# 140

Delta R.T. -0.000 min

Lab File: VV030944.D

Acq: 01 May 2023 10:10

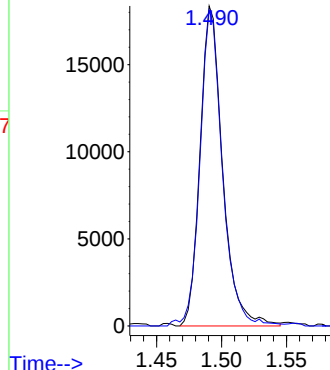
Tgt Ion: 94 Resp: 22274

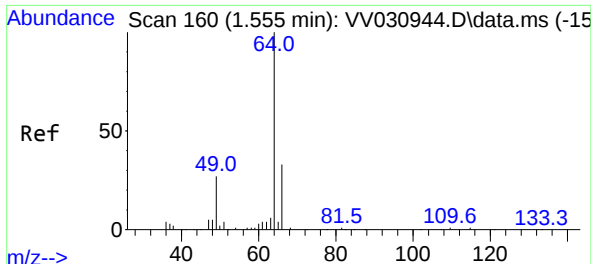
Ion Ratio Lower Upper

94 100

96 98.7 63.4 117.8

Abundance

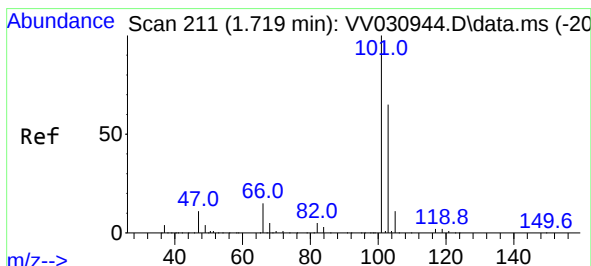
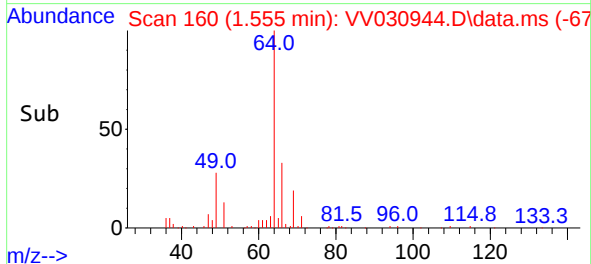
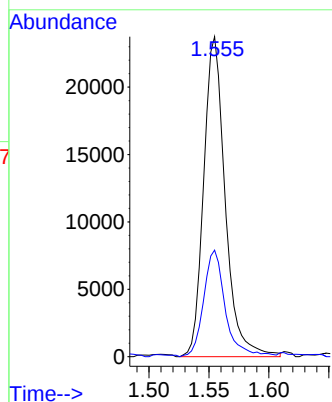
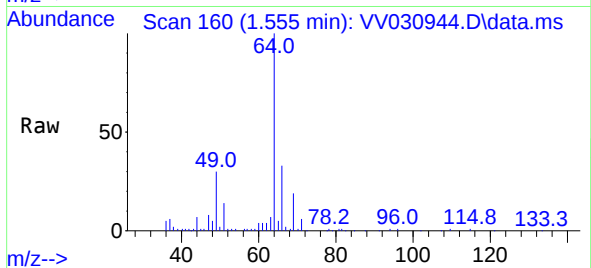




#8
Chloroethane
Concen: 4.832 ug/L
RT: 1.555 min Scan# 160
Delta R.T. -0.000 min
Lab File: VV030944.D
Acq: 01 May 2023 10:10

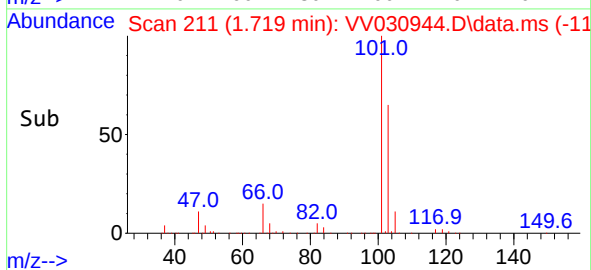
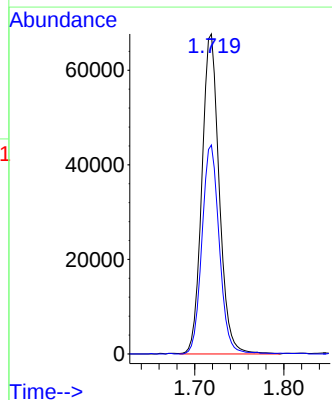
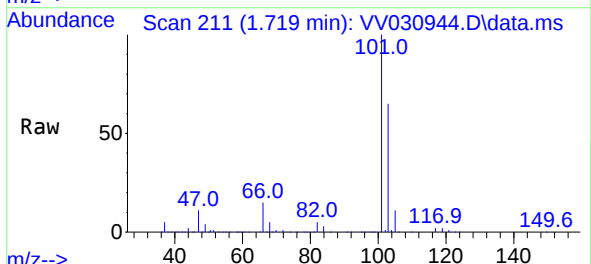
Instrument :
MSVOA_V
ClientSampleId :
VSTD005338

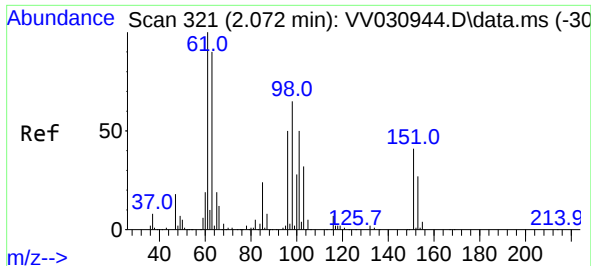
Tgt Ion: 64 Resp: 29676
Ion Ratio Lower Upper
64 100
66 33.3 22.1 41.1



#9
Trichlorofluoromethane
Concen: 4.908 ug/L
RT: 1.719 min Scan# 211
Delta R.T. -0.000 min
Lab File: VV030944.D
Acq: 01 May 2023 10:10

Tgt Ion: 101 Resp: 91368
Ion Ratio Lower Upper
101 100
103 65.4 51.8 77.8

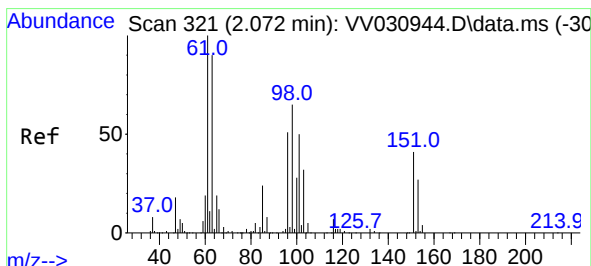
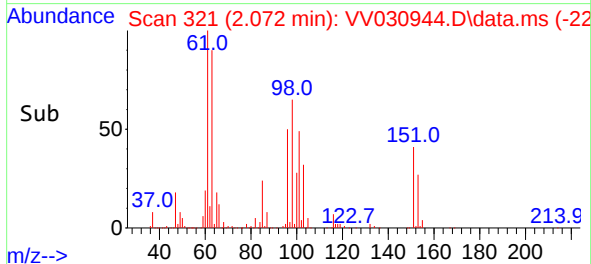
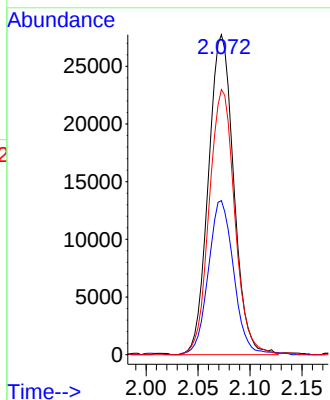
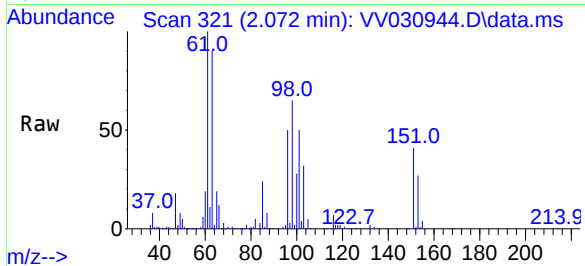




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 4.957 ug/L
 RT: 2.072 min Scan# 321
 Delta R.T. -0.000 min
 Lab File: VV030944.D
 Acq: 01 May 2023 10:10

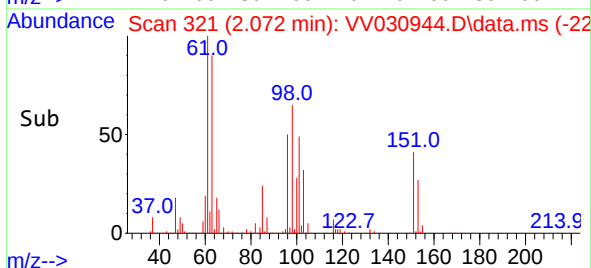
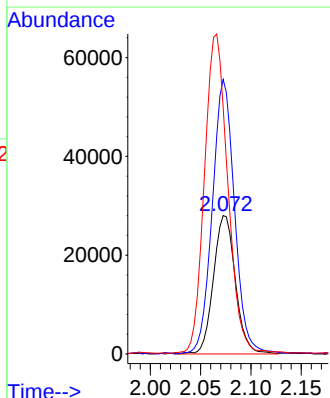
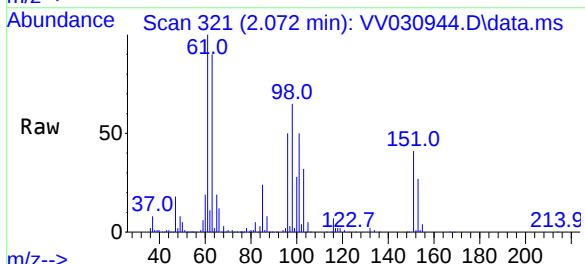
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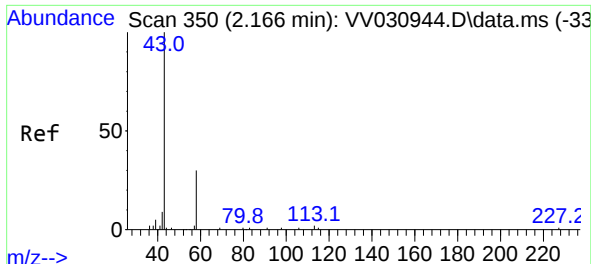
Tgt Ion:101 Resp: 47110
 Ion Ratio Lower Upper
 101 100
 85 48.3 38.7 58.1
 151 83.5 65.1 97.7



#12
 1,1-Dichloroethene
 Concen: 4.870 ug/L
 RT: 2.072 min Scan# 321
 Delta R.T. -0.000 min
 Lab File: VV030944.D
 Acq: 01 May 2023 10:10

Tgt Ion: 96 Resp: 42622
 Ion Ratio Lower Upper
 96 100
 61 198.5 135.6 251.8
 63 178.3 121.1 224.9

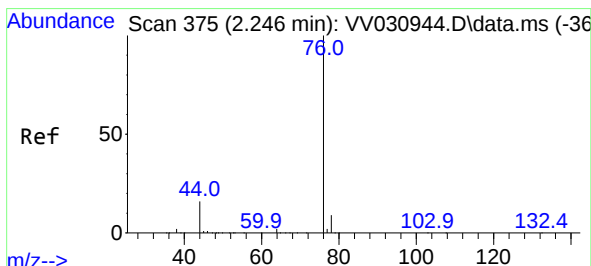
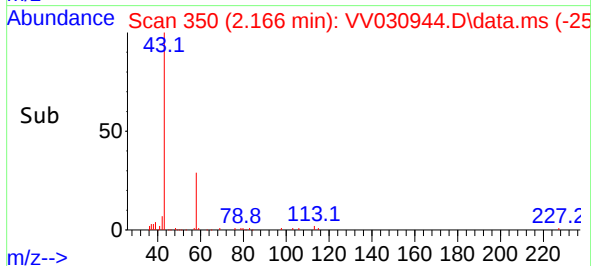
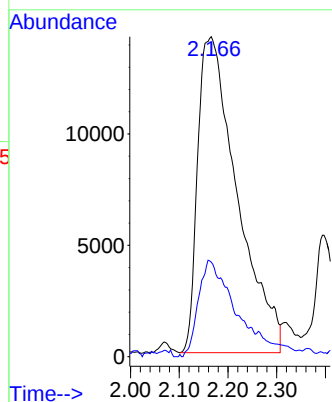
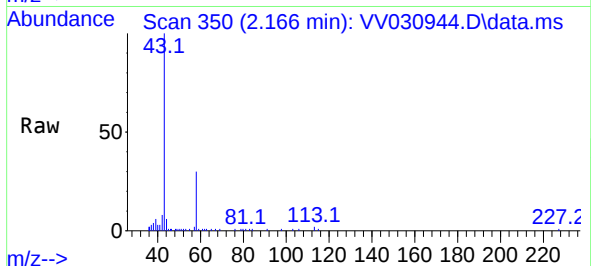




#13
Acetone
Concen: 49.234 ug/L
RT: 2.166 min Scan# 31
Delta R.T. 0.006 min
Lab File: VV030944.D
Acq: 01 May 2023 10:10

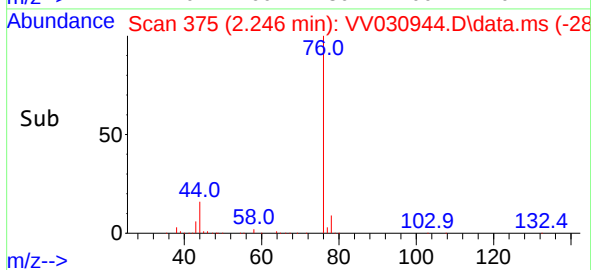
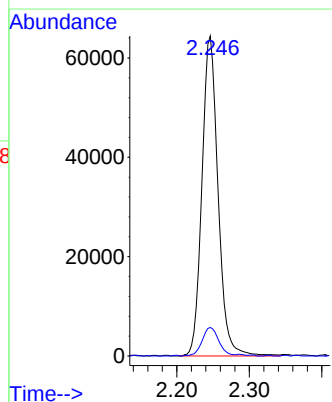
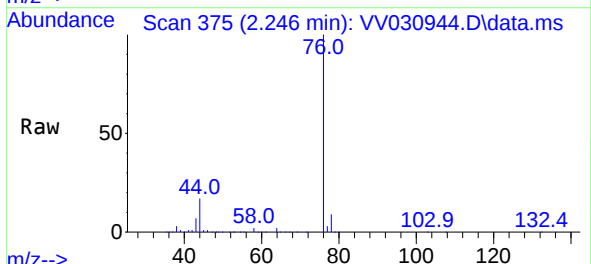
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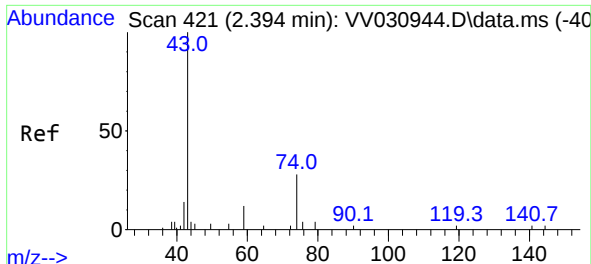
Tgt Ion: 43 Resp: 79898
Ion Ratio Lower Upper
43 100
58 26.3 0.0 37.0



#14
Carbon disulfide
Concen: 4.345 ug/L
RT: 2.246 min Scan# 375
Delta R.T. -0.000 min
Lab File: VV030944.D
Acq: 01 May 2023 10:10

Tgt Ion: 76 Resp: 99484
Ion Ratio Lower Upper
76 100
78 8.9 6.8 10.2

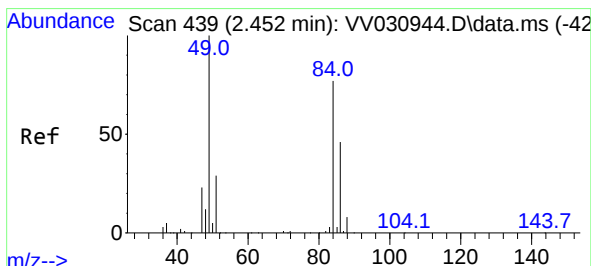
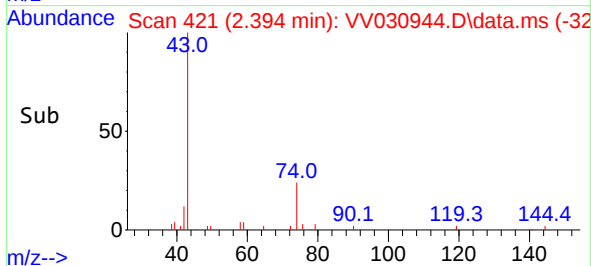
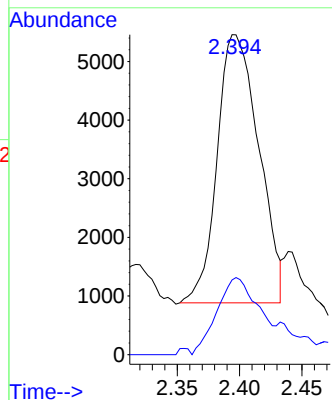
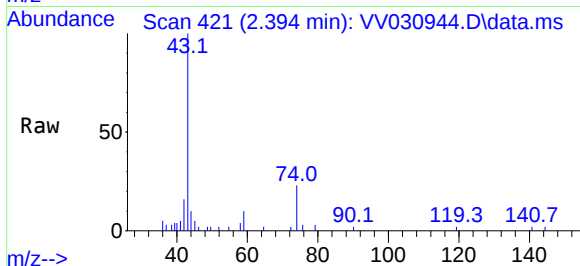




#15
Methyl Acetate
Concen: 3.220 ug/L
RT: 2.394 min Scan# 41
Delta R.T. -0.000 min
Lab File: VV030944.D
Acq: 01 May 2023 10:10

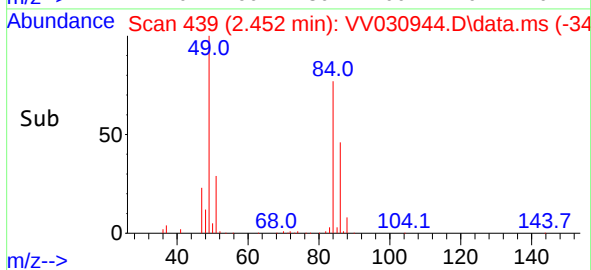
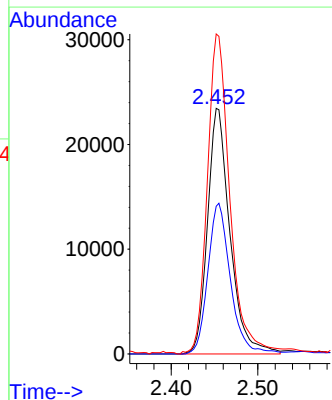
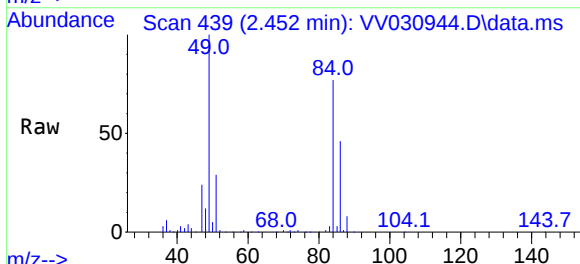
Instrument :
MSVOA_V
ClientSampleId :
VSTD005338

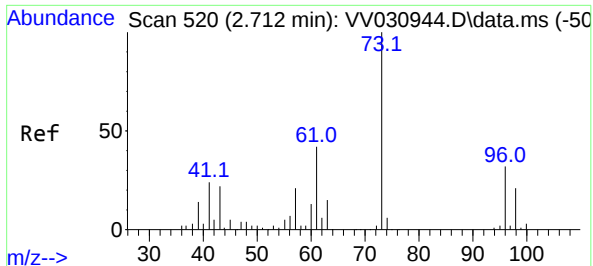
Tgt Ion: 43 Resp: 10632
Ion Ratio Lower Upper
43 100
74 29.5 15.0 22.6#



#16
Methylene chloride
Concen: 4.268 ug/L
RT: 2.452 min Scan# 439
Delta R.T. -0.003 min
Lab File: VV030944.D
Acq: 01 May 2023 10:10

Tgt Ion: 84 Resp: 42254
Ion Ratio Lower Upper
84 100
86 60.1 46.1 85.5
49 130.3 94.3 175.1



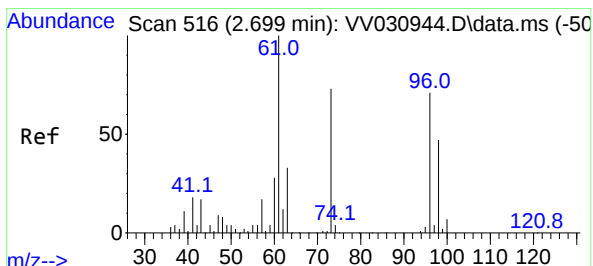
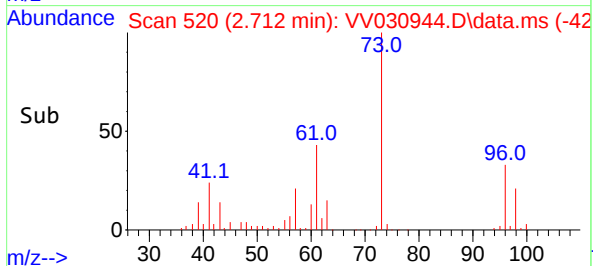
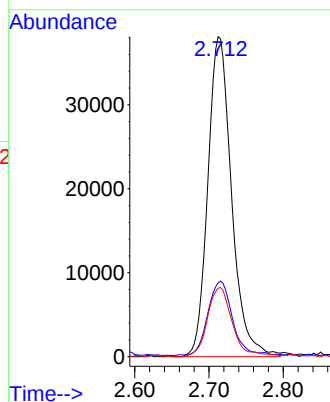
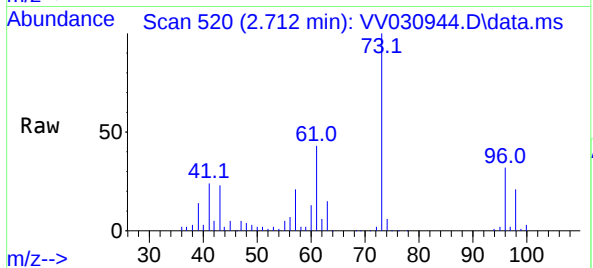


#17
Methyl tert-butyl Ether
Concen: 5.080 ug/L
RT: 2.712 min Scan# 516
Delta R.T. -0.003 min
Lab File: VV030944.D
Acq: 01 May 2023 10:10

Instrument :
MSVOA_V
ClientSampleId :
VSTD005338

Tgt Ion: 73 Resp: 84633

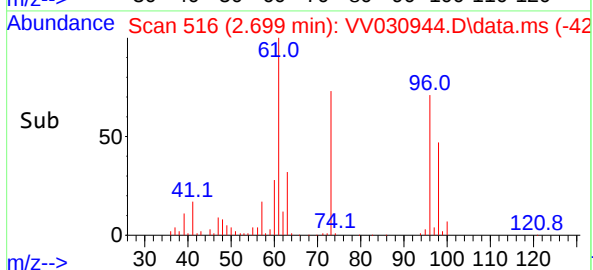
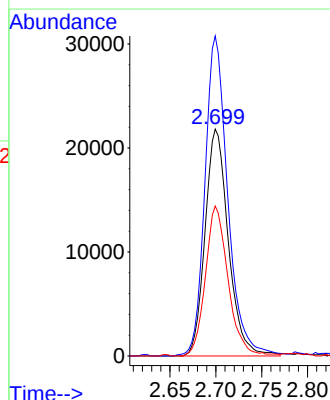
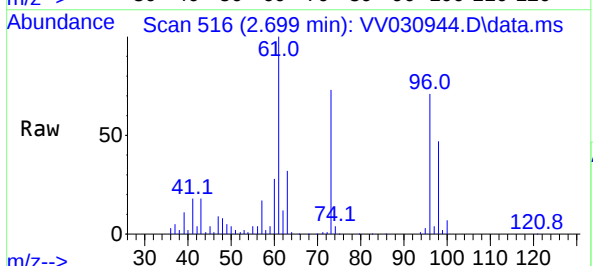
Ion	Ratio	Lower	Upper
73	100		
43	23.7	19.9	29.9
57	22.7	18.2	27.4

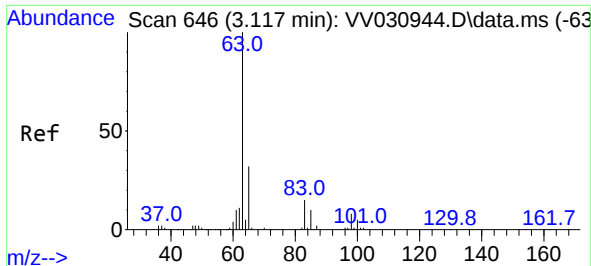


#18
trans-1,2-Dichloroethene
Concen: 4.828 ug/L
RT: 2.699 min Scan# 516
Delta R.T. -0.003 min
Lab File: VV030944.D
Acq: 01 May 2023 10:10

Tgt Ion: 96 Resp: 38589

Ion	Ratio	Lower	Upper
96	100		
61	141.0	98.9	183.7
98	66.1	46.0	85.4

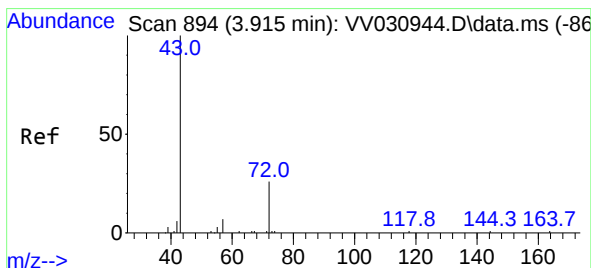
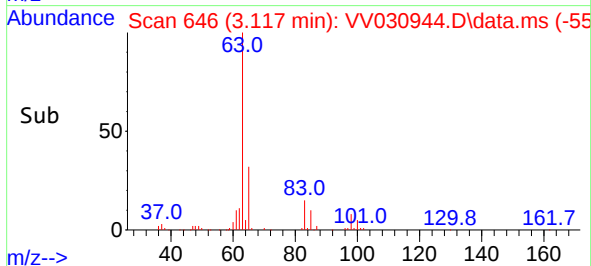
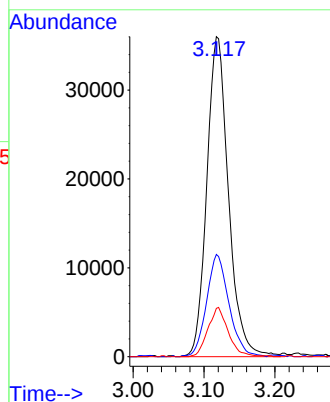
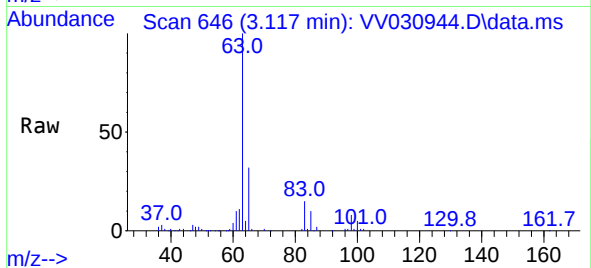




#19
1,1-Dichloroethane
Concen: 4.960 ug/L
RT: 3.117 min Scan# 646
Delta R.T. -0.003 min
Lab File: VV030944.D
Acq: 01 May 2023 10:10

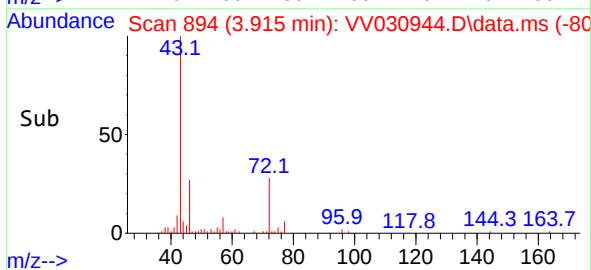
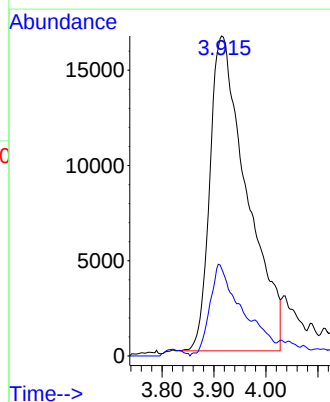
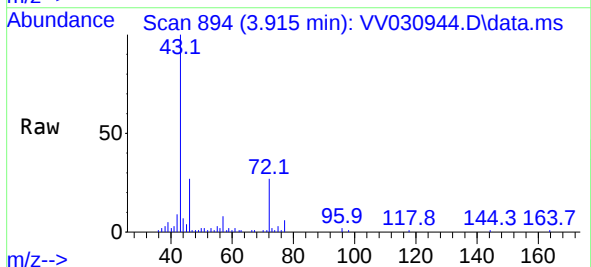
Instrument :
MSVOA_V
ClientSampleId :
VSTD005338

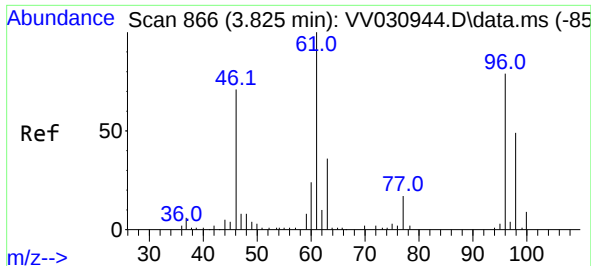
Tgt Ion:	63	Resp:	76562
Ion	Ratio	Lower	Upper
63	100		
65	31.9	21.8	40.6
83	15.1	10.2	19.0



#21
2-Butanone
Concen: 45.758 ug/L
RT: 3.915 min Scan# 894
Delta R.T. -0.003 min
Lab File: VV030944.D
Acq: 01 May 2023 10:10

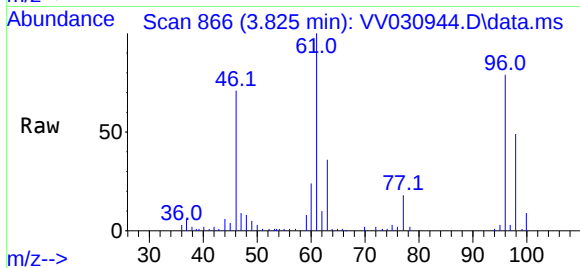
Tgt Ion:	43	Resp:	81667
Ion	Ratio	Lower	Upper
43	100		
72	21.7	9.6	28.6





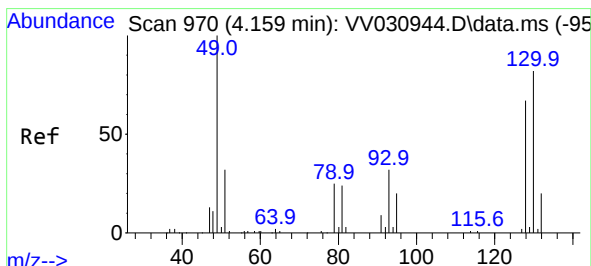
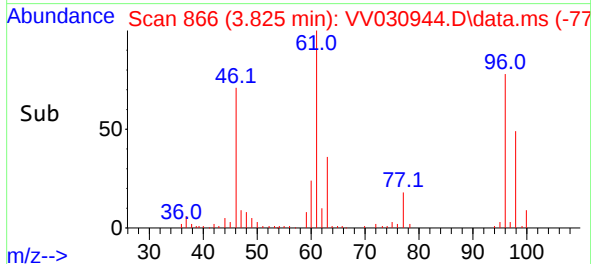
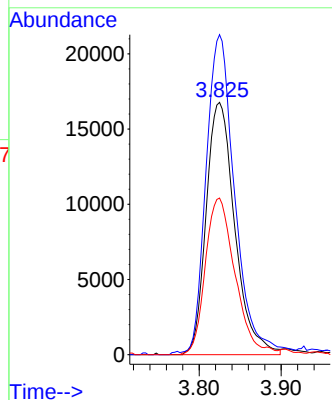
#22
cis-1,2-Dichloroethene
Concen: 4.842 ug/L
RT: 3.825 min Scan# 866
Delta R.T. -0.003 min
Lab File: VV030944.D
Acq: 01 May 2023 10:10

Instrument :
MSVOA_V
ClientSampleId :
VSTD005338



Tgt Ion: 96 Resp: 40839

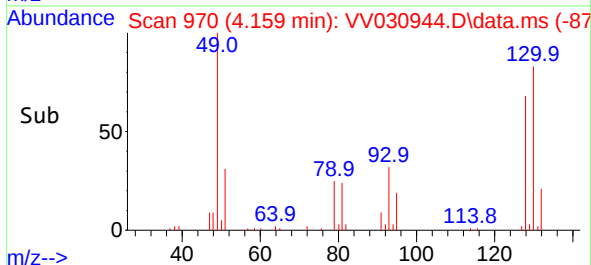
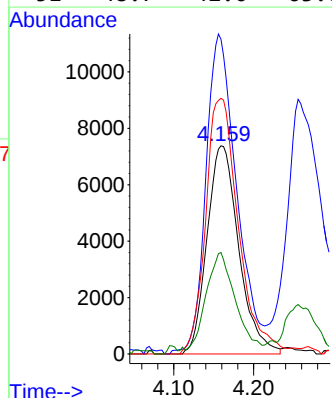
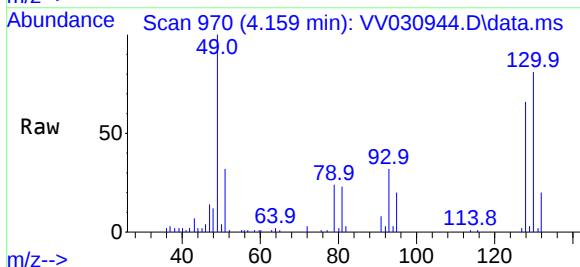
Ion	Ratio	Lower	Upper
96	100		
61	126.8	86.0	159.6
98	62.1	43.2	80.2

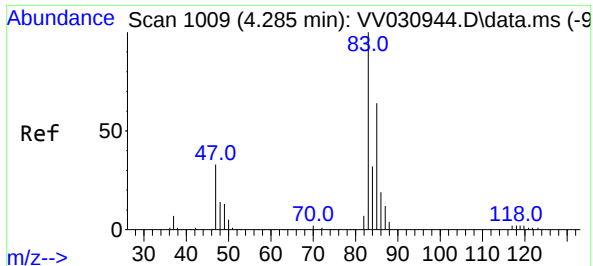


#23
Bromochloromethane
Concen: 5.121 ug/L
RT: 4.159 min Scan# 970
Delta R.T. -0.003 min
Lab File: VV030944.D
Acq: 01 May 2023 10:10

Tgt Ion: 128 Resp: 20333

Ion	Ratio	Lower	Upper
128	100		
49	151.1	104.7	194.5
130	122.8	93.4	173.4
51	48.7	42.0	63.0





#25

Chloroform

Concen: 5.161 ug/L

RT: 4.285 min Scan# 1009

Delta R.T. -0.003 min

Lab File: VV030944.D

Acq: 01 May 2023 10:10

Instrument :

MSVOA_V

ClientSampleId :

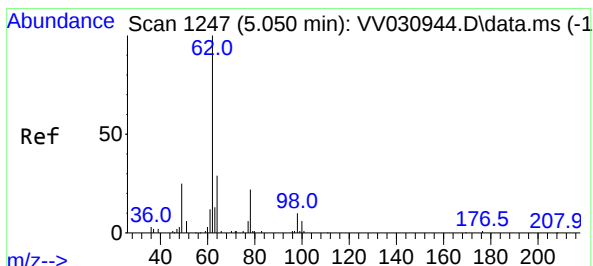
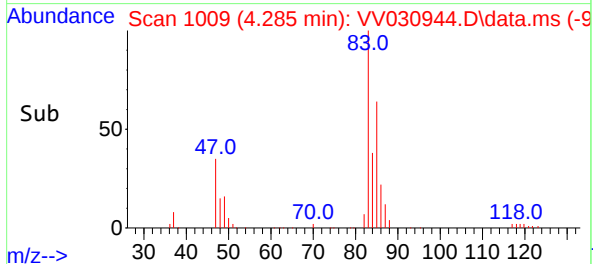
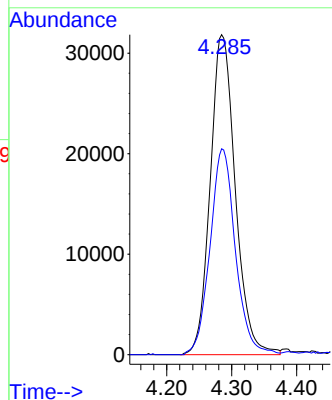
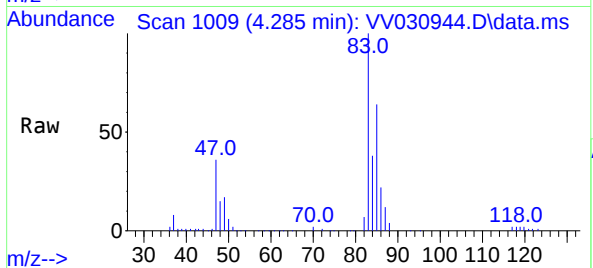
VSTD005338

Tgt Ion: 83 Resp: 85465

Ion Ratio Lower Upper

83 100

85 64.3 46.4 86.2



#27

1,2-Dichloroethane

Concen: 5.190 ug/L

RT: 5.050 min Scan# 1247

Delta R.T. -0.003 min

Lab File: VV030944.D

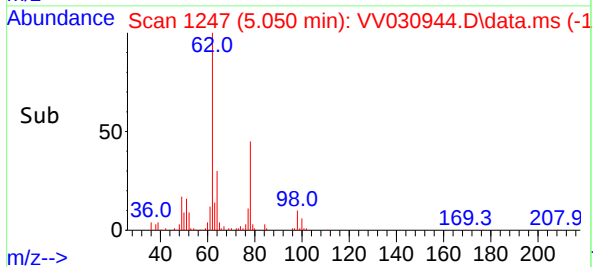
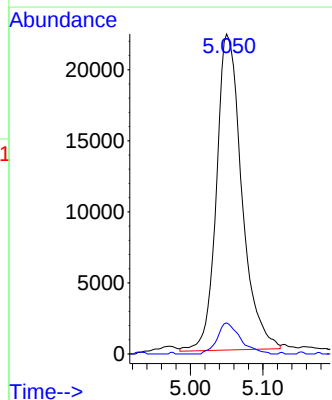
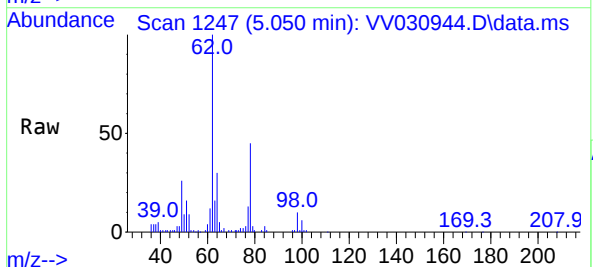
Acq: 01 May 2023 10:10

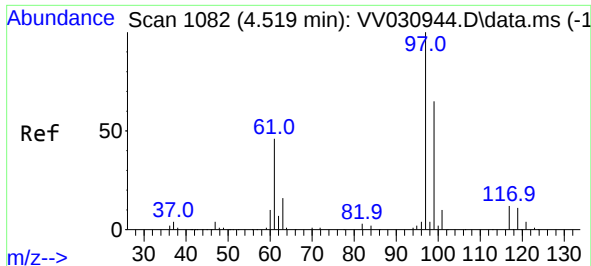
Tgt Ion: 62 Resp: 53938

Ion Ratio Lower Upper

62 100

98 9.7 6.0 9.0#

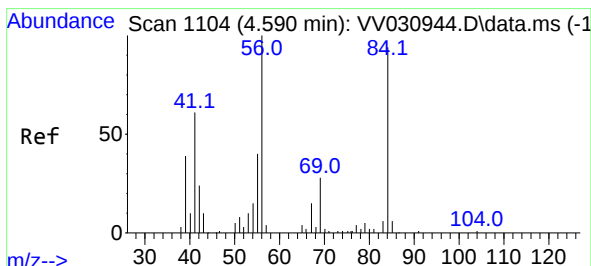
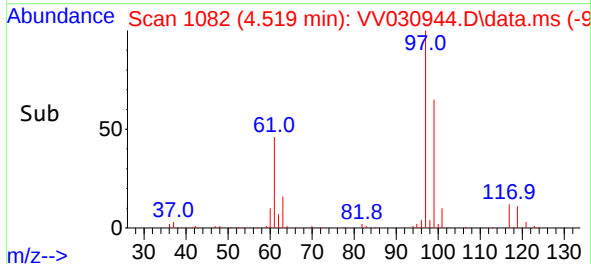
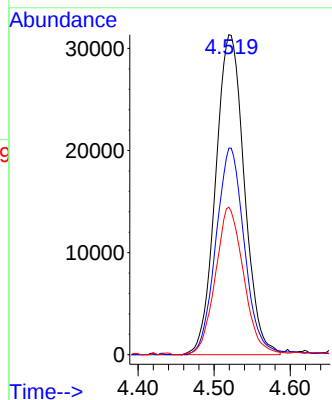
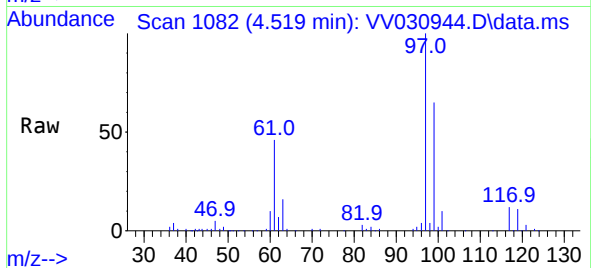




#29
1,1,1-Trichloroethane
Concen: 5.139 ug/L
RT: 4.519 min Scan# 1082
Delta R.T. -0.003 min
Lab File: VV030944.D
Acq: 01 May 2023 10:10

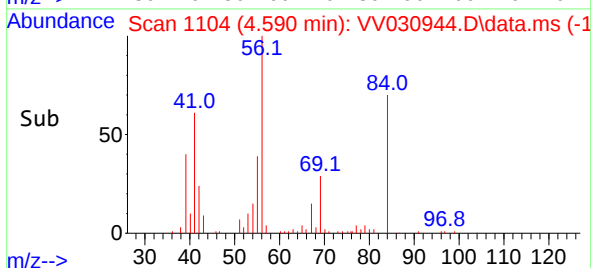
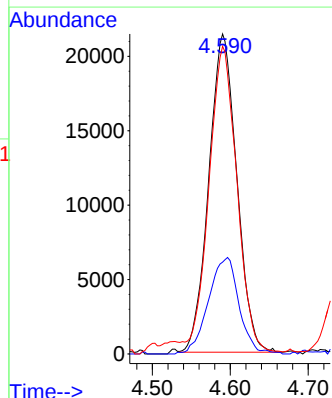
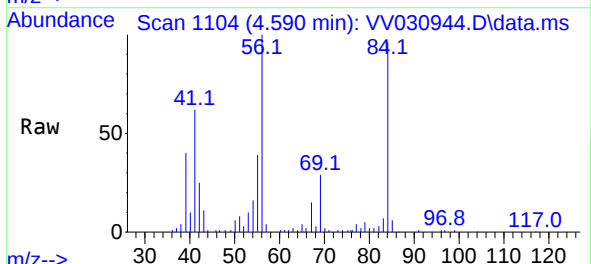
Instrument :
MSVOA_V
ClientSampleId :
VSTD005338

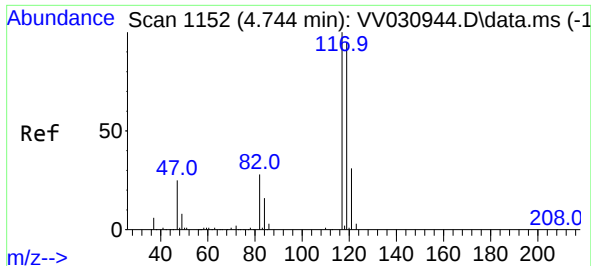
Tgt Ion:	97	Resp:	82195
Ion	Ratio	Lower	Upper
97	100		
99	64.7	51.4	77.2
61	45.6	37.4	56.0



#30
Cyclohexane
Concen: 4.414 ug/L
RT: 4.590 min Scan# 1104
Delta R.T. -0.003 min
Lab File: VV030944.D
Acq: 01 May 2023 10:10

Tgt Ion:	56	Resp:	53318
Ion	Ratio	Lower	Upper
56	100		
69	33.1	25.0	37.6
84	95.4	74.2	111.2

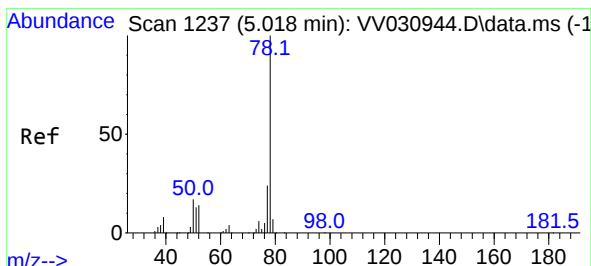
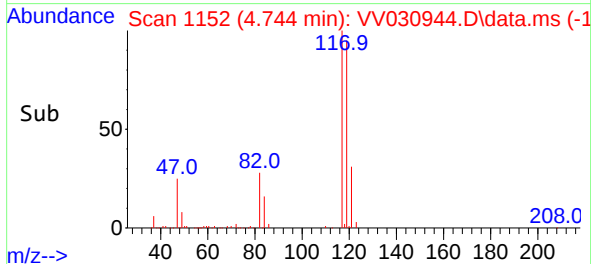
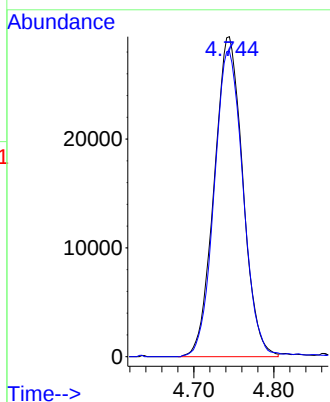
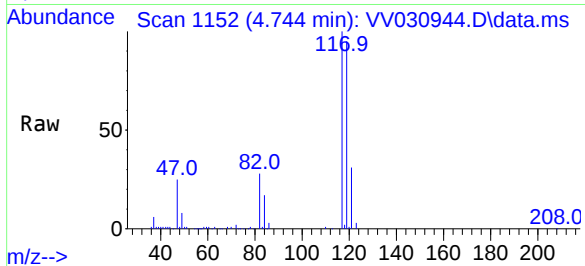




#31
Carbon tetrachloride
Concen: 5.090 ug/L
RT: 4.744 min Scan# 1152
Delta R.T. -0.000 min
Lab File: VV030944.D
Acq: 01 May 2023 10:10

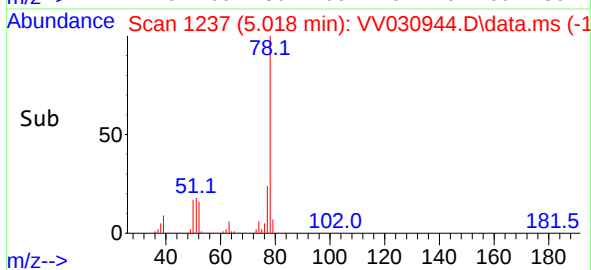
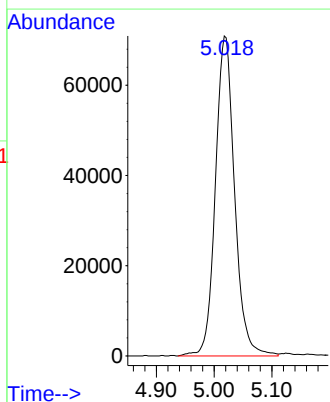
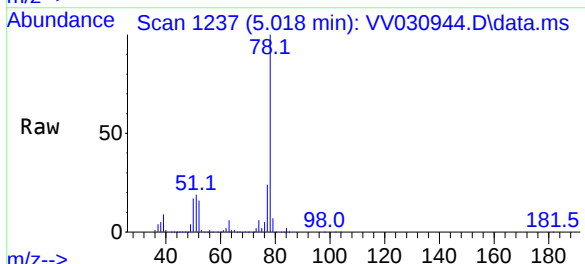
Instrument : MSVOA_V
ClientSampleId : VSTD005338

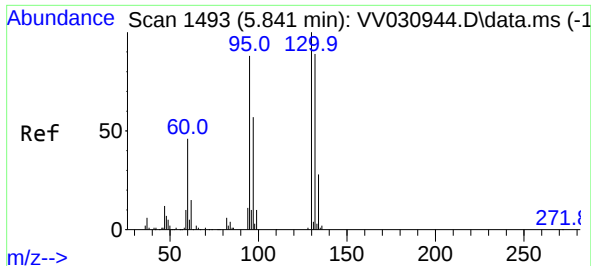
Tgt Ion:117 Resp: 73119
Ion Ratio Lower Upper
117 100
119 96.2 78.4 117.6



#33
Benzene
Concen: 5.117 ug/L
RT: 5.018 min Scan# 1237
Delta R.T. -0.003 min
Lab File: VV030944.D
Acq: 01 May 2023 10:10

Tgt Ion: 78 Resp: 163839



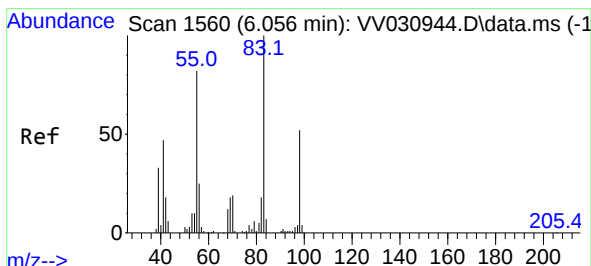
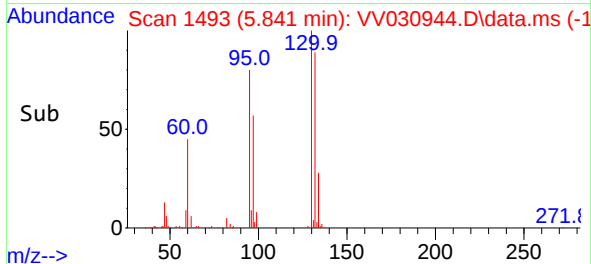
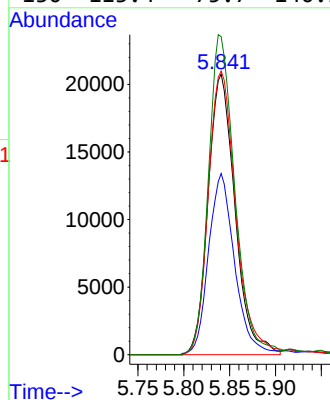
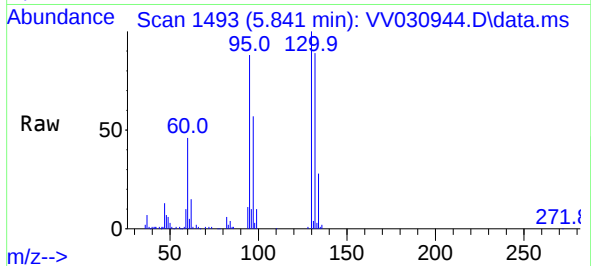


#34
Trichloroethene
Concen: 4.948 ug/L
RT: 5.841 min Scan# 1493
Delta R.T. -0.003 min
Lab File: VV030944.D
Acq: 01 May 2023 10:10

Instrument :
MSVOA_V
ClientSampleId :
VSTD005338

Tgt Ion: 95 Resp: 42227

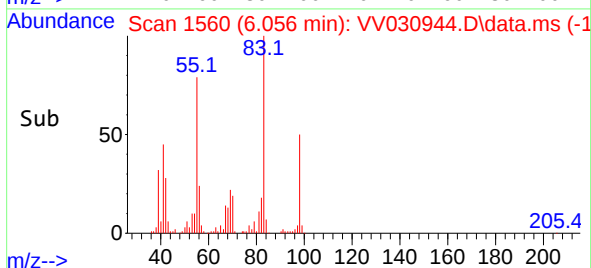
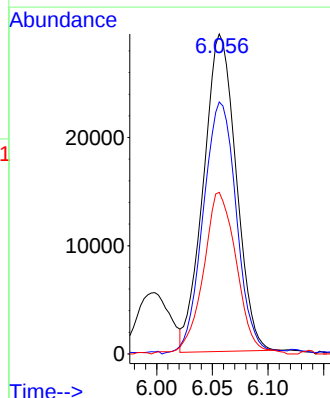
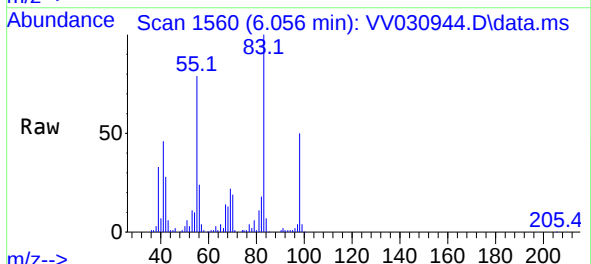
Ion	Ratio	Lower	Upper
95	100		
97	64.6	46.2	85.8
132	101.1	72.7	135.1
130	113.4	75.7	140.5

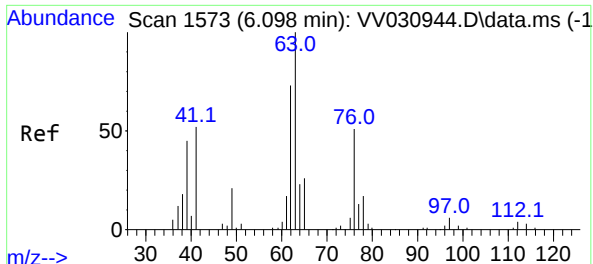


#35
Methylcyclohexane
Concen: 4.524 ug/L
RT: 6.056 min Scan# 1560
Delta R.T. -0.003 min
Lab File: VV030944.D
Acq: 01 May 2023 10:10

Tgt Ion: 83 Resp: 59832

Ion	Ratio	Lower	Upper
83	100		
55	81.4	62.9	94.3
98	51.8	40.5	60.7

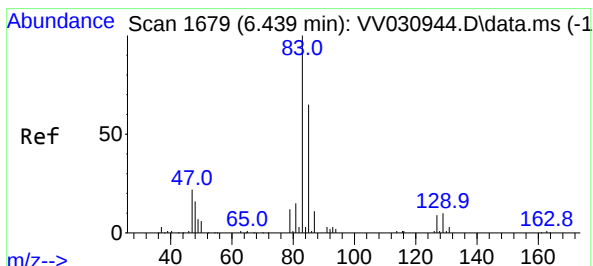
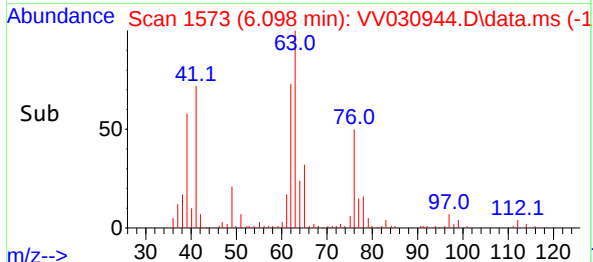
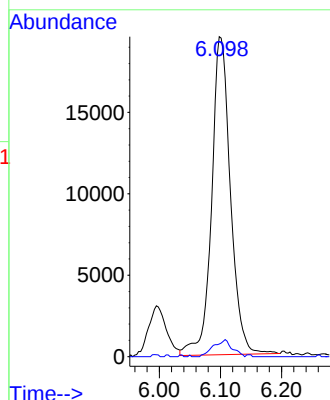
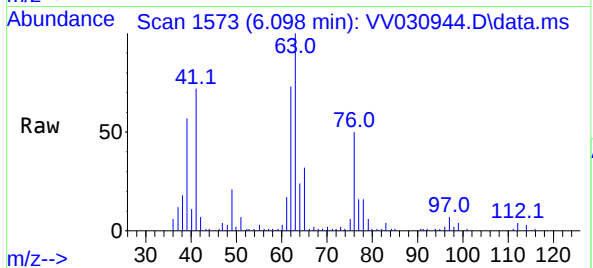




#37
1,2-Dichloropropane
Concen: 5.515 ug/L
RT: 6.098 min Scan# 1573
Delta R.T. -0.003 min
Lab File: VV030944.D
Acq: 01 May 2023 10:10

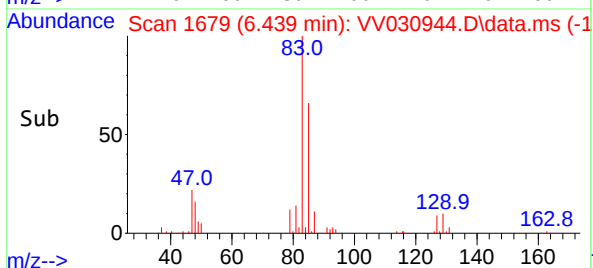
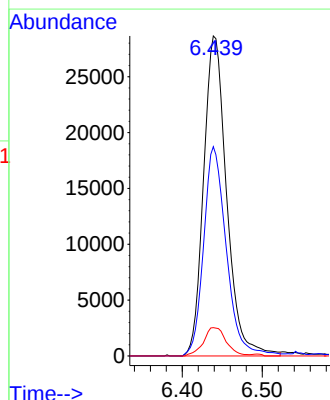
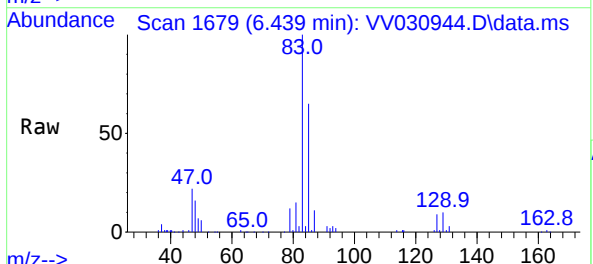
Instrument :
MSVOA_V
ClientSampleId :
VSTD005338

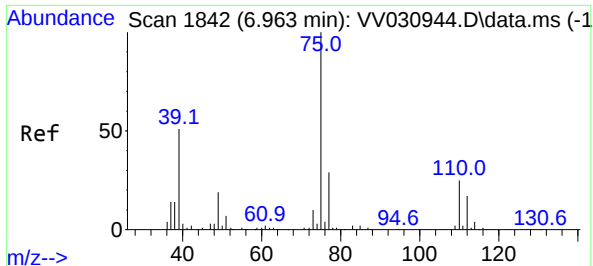
Tgt Ion: 63 Resp: 41878
Ion Ratio Lower Upper
63 100
112 5.3 3.8 5.8



#38
Bromodichloromethane
Concen: 5.171 ug/L
RT: 6.439 min Scan# 1679
Delta R.T. -0.003 min
Lab File: VV030944.D
Acq: 01 May 2023 10:10

Tgt Ion: 83 Resp: 57471
Ion Ratio Lower Upper
83 100
85 65.4 44.4 82.4
127 8.9 6.6 9.8





#39

cis-1,3-Dichloropropene

Concen: 5.084 ug/L

RT: 6.963 min Scan# 1842

Delta R.T. -0.000 min

Lab File: VV030944.D

Acq: 01 May 2023 10:10

Instrument :

MSVOA_V

ClientSampleId :

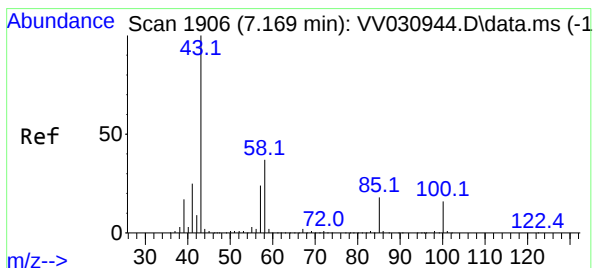
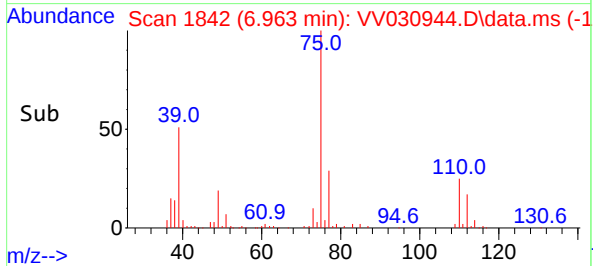
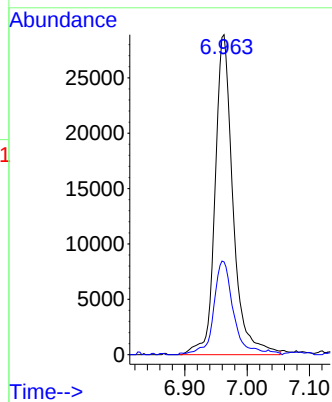
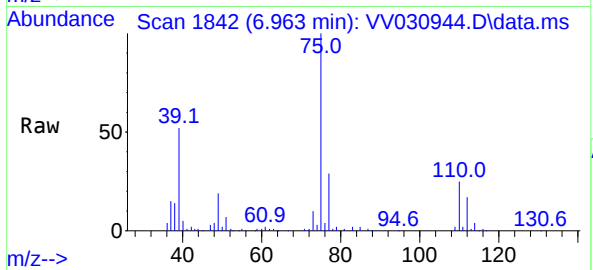
VSTD005338

Tgt Ion: 75 Resp: 57822

Ion Ratio Lower Upper

75 100

77 29.0 22.6 42.0



#40

4-Methyl-2-pentanone

Concen: 54.734 ug/L

RT: 7.169 min Scan# 1906

Delta R.T. -0.003 min

Lab File: VV030944.D

Acq: 01 May 2023 10:10

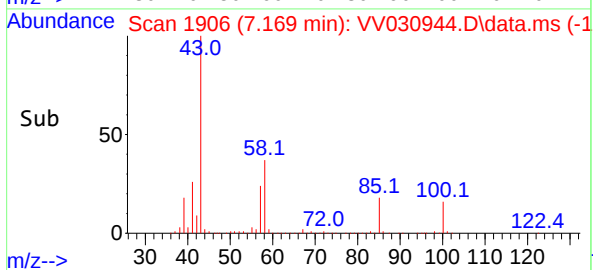
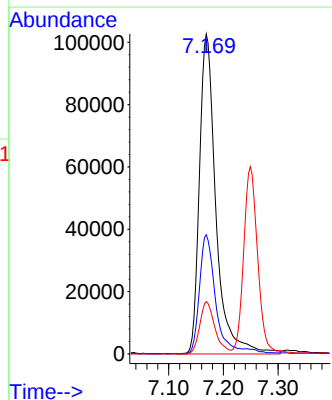
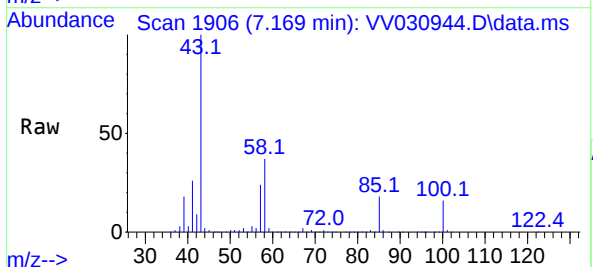
Tgt Ion: 43 Resp: 215367

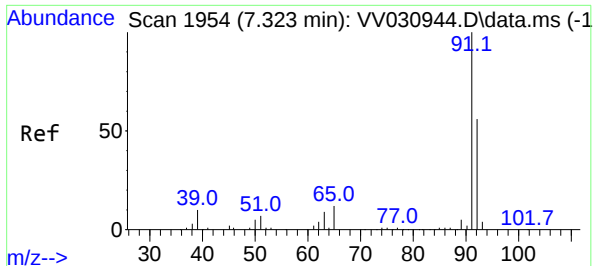
Ion Ratio Lower Upper

43 100

58 35.3 28.3 42.5

100 15.0 11.8 17.8

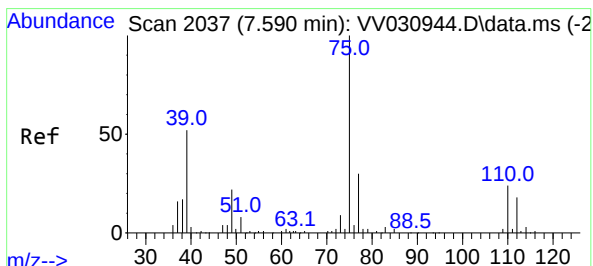
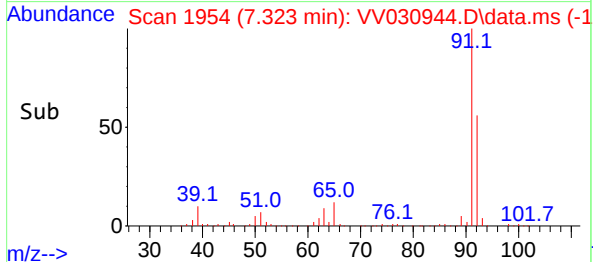
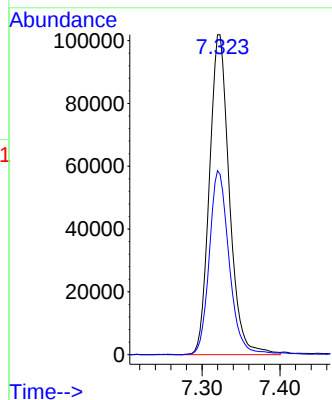
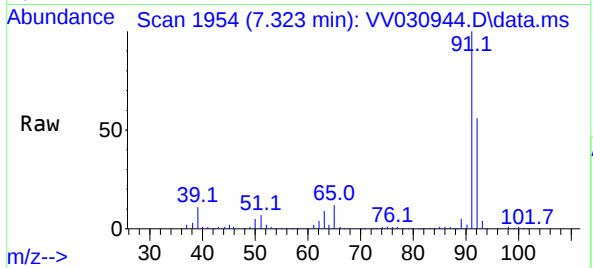




#42
Toluene
Concen: 5.252 ug/L
RT: 7.323 min Scan# 1954
Delta R.T. -0.000 min
Lab File: VV030944.D
Acq: 01 May 2023 10:10

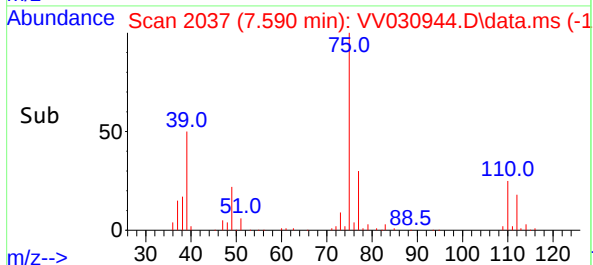
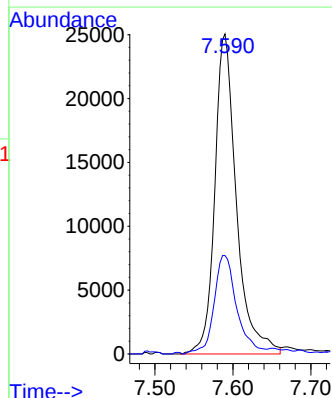
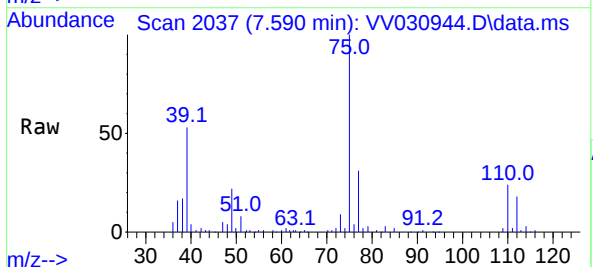
Instrument : MSVOA_V
ClientSampleId : VSTD005338

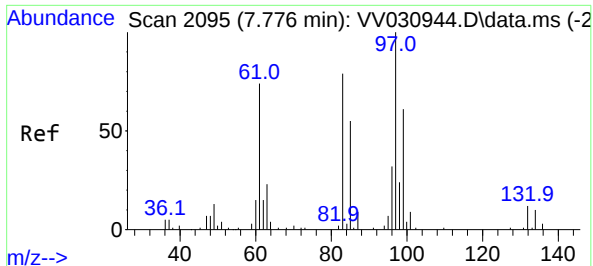
Tgt Ion: 91 Resp: 181047
Ion Ratio Lower Upper
91 100
92 56.3 40.5 75.1



#44
trans-1,3-Dichloropropene
Concen: 4.988 ug/L
RT: 7.590 min Scan# 2037
Delta R.T. -0.003 min
Lab File: VV030944.D
Acq: 01 May 2023 10:10

Tgt Ion: 75 Resp: 48340
Ion Ratio Lower Upper
75 100
77 30.8 21.6 40.0

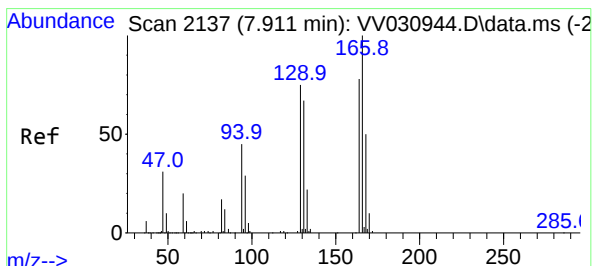
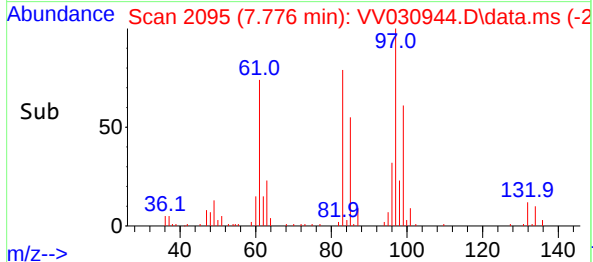
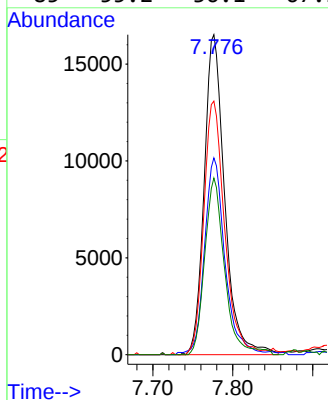
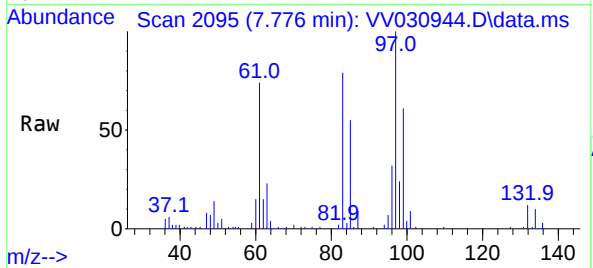




#45
1,1,2-Trichloroethane
Concen: 5.234 ug/L
RT: 7.776 min Scan# 2095
Delta R.T. -0.003 min
Lab File: VV030944.D
Acq: 01 May 2023 10:10

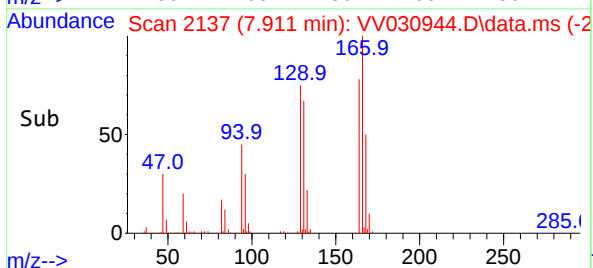
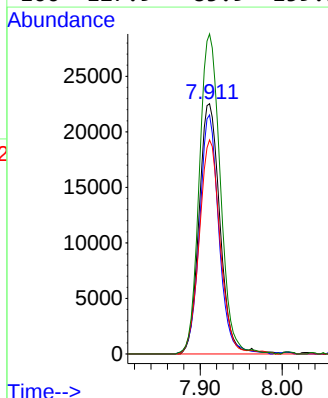
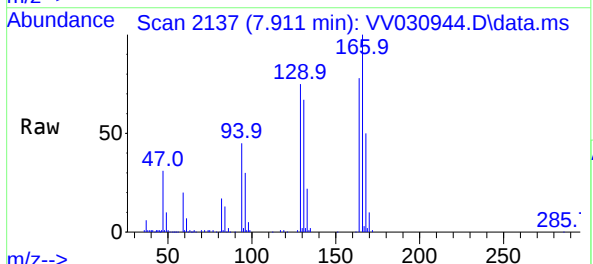
Instrument :
MSVOA_V
ClientSampleId :
VSTD005338

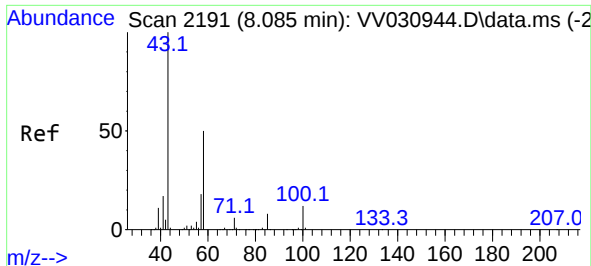
Tgt Ion:	97	Resp:	29492
Ion	Ratio	Lower	Upper
97	100		
99	61.5	42.8	79.6
83	79.3	57.5	106.7
85	55.2	36.1	67.1



#47
Tetrachloroethene
Concen: 4.887 ug/L
RT: 7.911 min Scan# 2137
Delta R.T. -0.003 min
Lab File: VV030944.D
Acq: 01 May 2023 10:10

Tgt Ion:	164	Resp:	39792
Ion	Ratio	Lower	Upper
164	100		
129	95.6	60.5	112.3
131	85.6	60.8	112.8
166	127.9	85.9	159.5



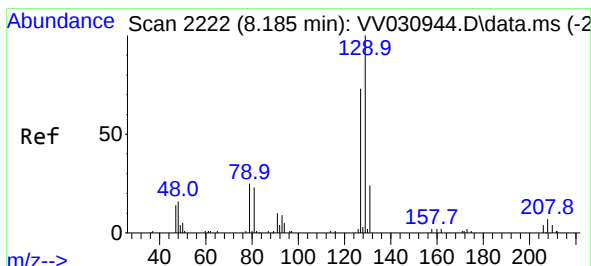
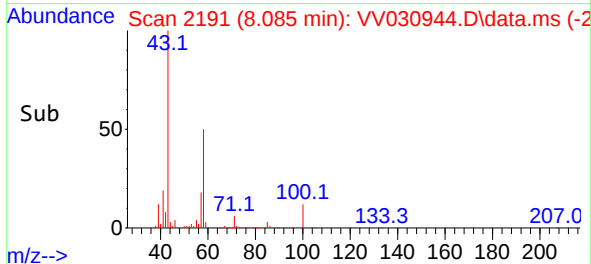
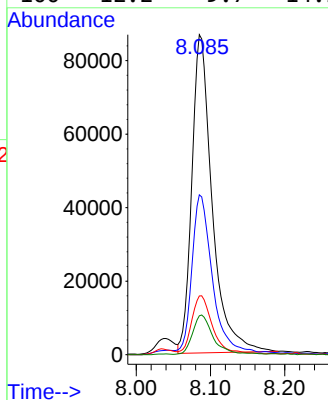
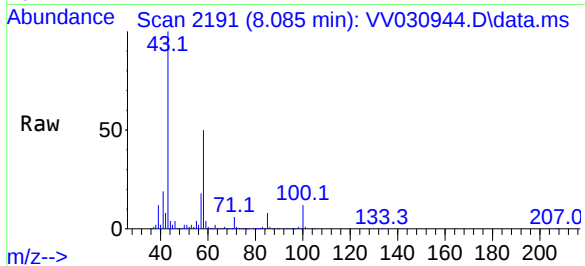


#48
2-Hexanone
Concen: 54.776 ug/L
RT: 8.085 min Scan# 2191
Delta R.T. -0.003 min
Lab File: VV030944.D
Acq: 01 May 2023 10:10

Instrument :
MSVOA_V
ClientSampleId :
VSTD005338

Tgt Ion: 43 Resp: 165312

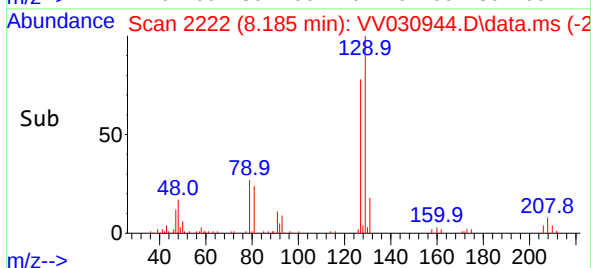
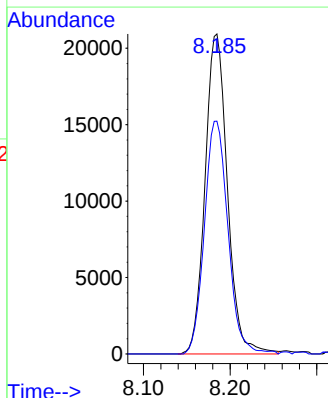
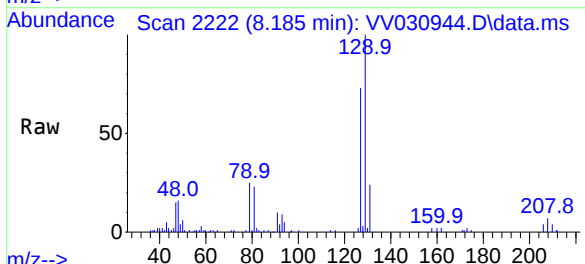
Ion	Ratio	Lower	Upper
43	100		
58	49.3	39.9	59.9
57	18.8	14.1	21.1
100	12.2	9.7	14.5

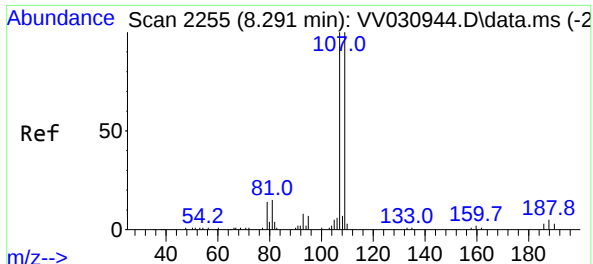


#49
Dibromochloromethane
Concen: 5.301 ug/L
RT: 8.185 min Scan# 2222
Delta R.T. -0.000 min
Lab File: VV030944.D
Acq: 01 May 2023 10:10

Tgt Ion: 129 Resp: 37577

Ion	Ratio	Lower	Upper
129	100		
127	72.8	55.3	102.7



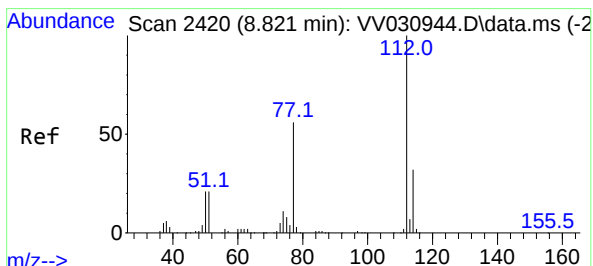
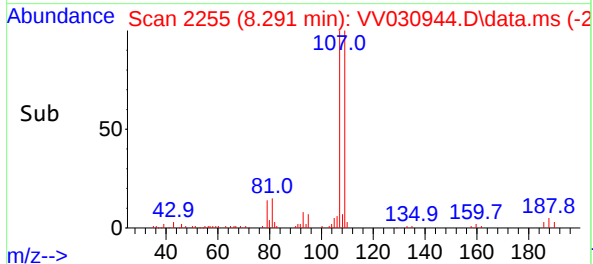
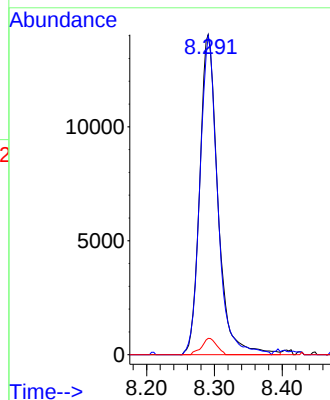
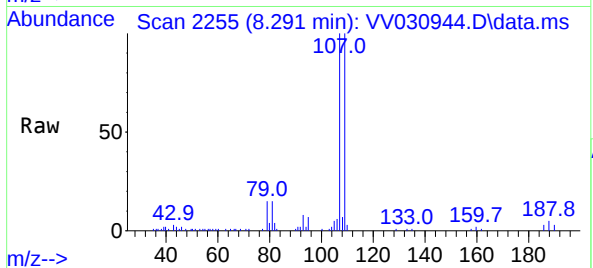


#50
1,2-Dibromoethane
Concen: 5.214 ug/L
RT: 8.291 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV030944.D
Acq: 01 May 2023 10:10

Instrument :
MSVOA_V
ClientSampleId :
VSTD005338

Tgt Ion:107 Resp: 26205

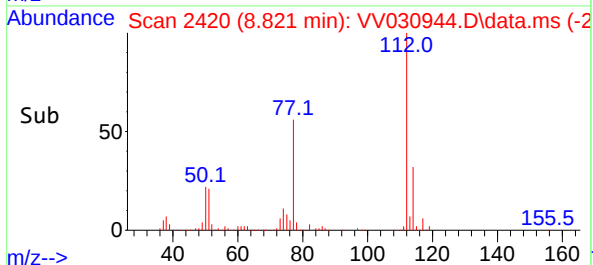
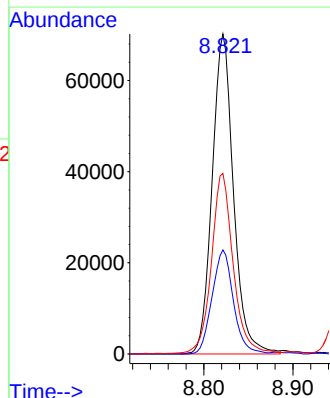
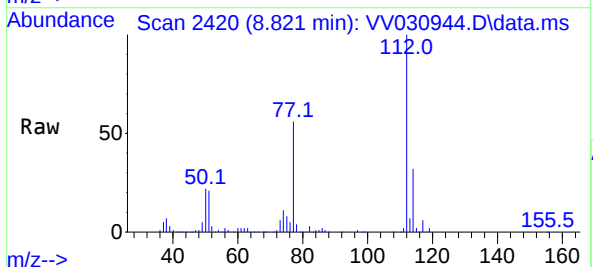
Ion	Ratio	Lower	Upper
107	100		
109	99.6	64.9	120.5
188	5.1	3.2	4.8#

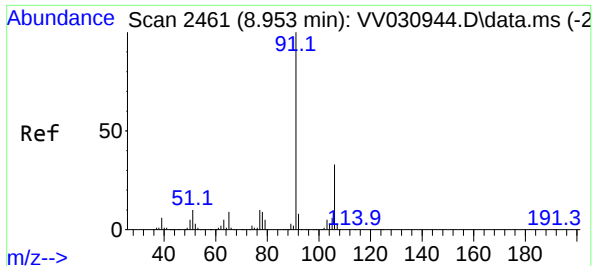


#51
Chlorobenzene
Concen: 4.995 ug/L
RT: 8.821 min Scan# 2420
Delta R.T. -0.000 min
Lab File: VV030944.D
Acq: 01 May 2023 10:10

Tgt Ion:112 Resp: 116729

Ion	Ratio	Lower	Upper
112	100		
114	32.5	22.5	41.9
77	56.4	45.3	67.9

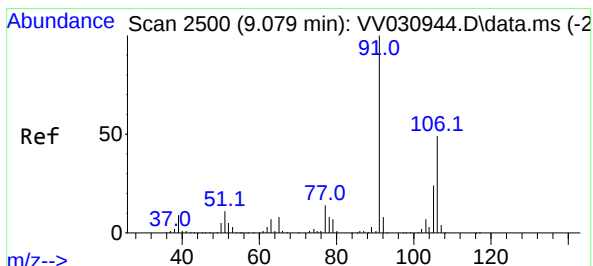
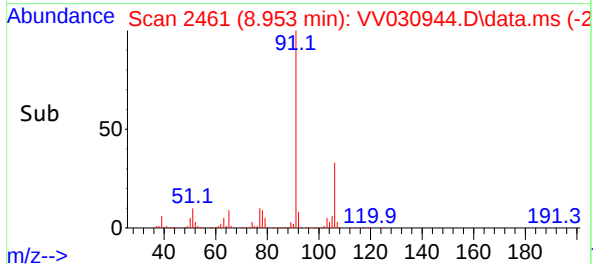
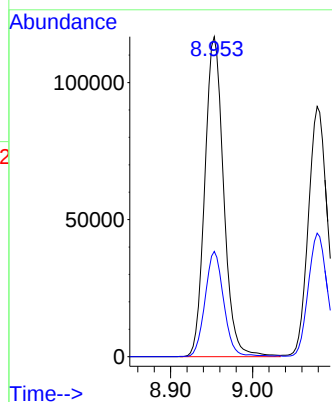
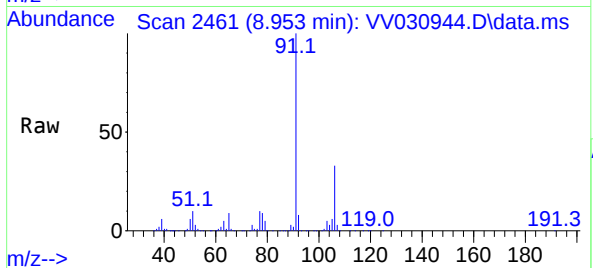




#52
Ethylbenzene
Concen: 4.947 ug/L
RT: 8.953 min Scan# 2461
Delta R.T. -0.000 min
Lab File: VV030944.D
Acq: 01 May 2023 10:10

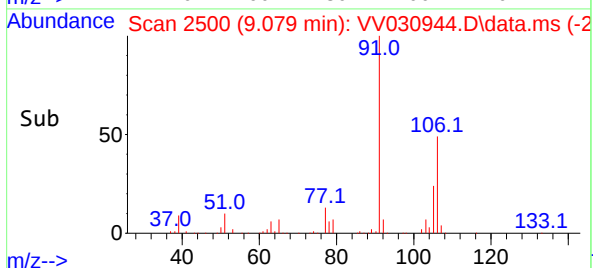
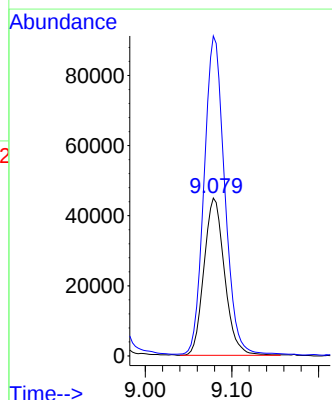
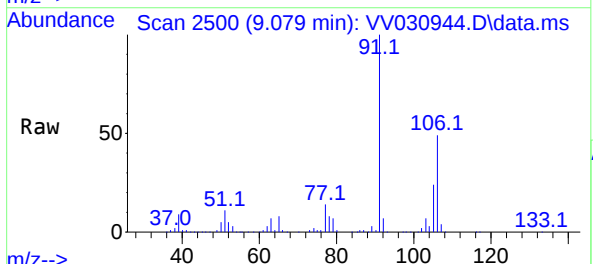
Instrument :
MSVOA_V
ClientSampleId :
VSTD005338

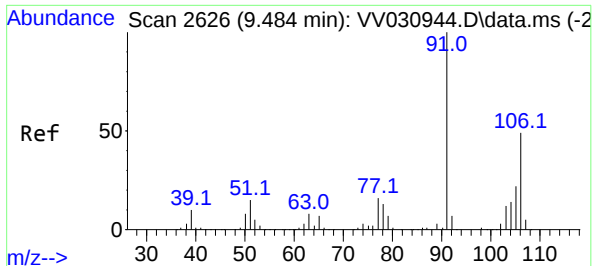
Tgt Ion: 91 Resp: 185909
Ion Ratio Lower Upper
91 100
106 32.9 21.4 39.8



#53
m,p-Xylene
Concen: 4.932 ug/L
RT: 9.079 min Scan# 2500
Delta R.T. -0.000 min
Lab File: VV030944.D
Acq: 01 May 2023 10:10

Tgt Ion:106 Resp: 73968
Ion Ratio Lower Upper
106 100
91 202.6 138.7 257.5

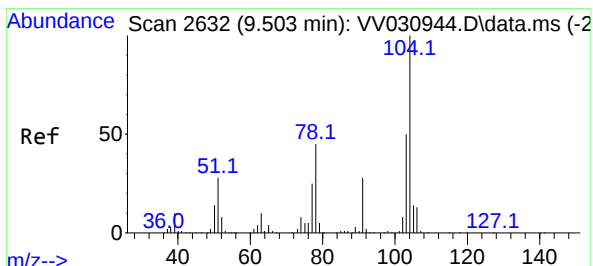
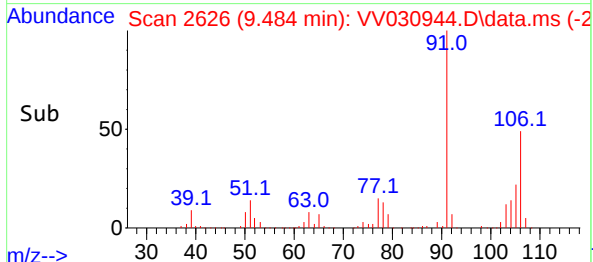
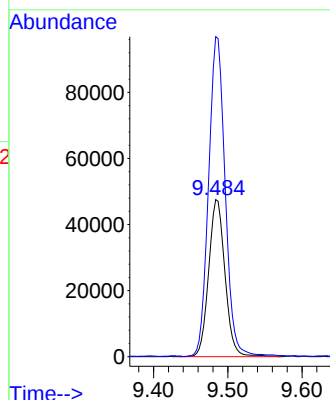
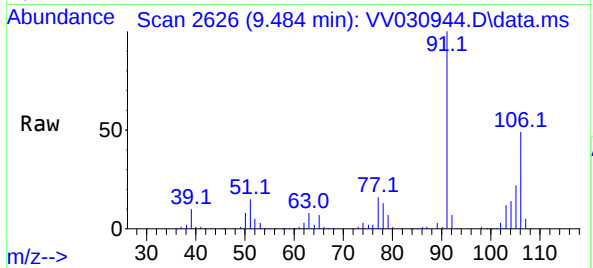




#54
o-Xylene
Concen: 5.087 ug/L
RT: 9.484 min Scan# 2626
Delta R.T. -0.003 min
Lab File: VV030944.D
Acq: 01 May 2023 10:10

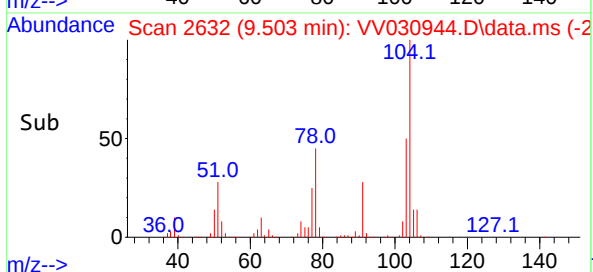
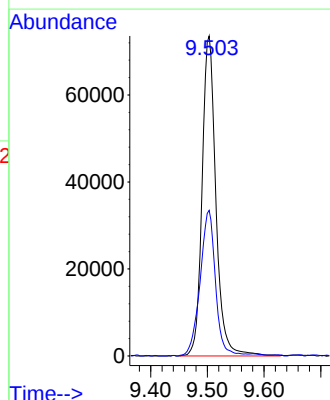
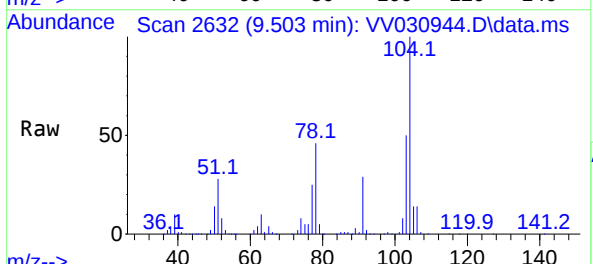
Instrument : MSVOA_V
ClientSampleId : VSTD005338

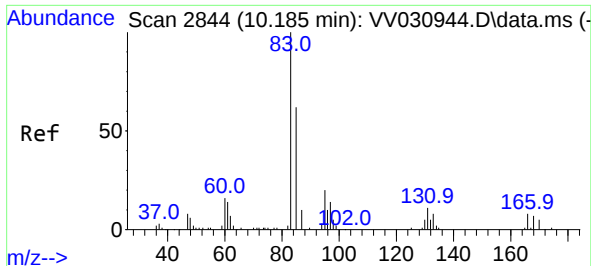
Tgt Ion:106 Resp: 72601
Ion Ratio Lower Upper
106 100
91 203.6 145.1 269.5



#55
Styrene
Concen: 5.176 ug/L
RT: 9.503 min Scan# 2632
Delta R.T. -0.000 min
Lab File: VV030944.D
Acq: 01 May 2023 10:10

Tgt Ion:104 Resp: 124664
Ion Ratio Lower Upper
104 100
78 45.5 31.4 58.2

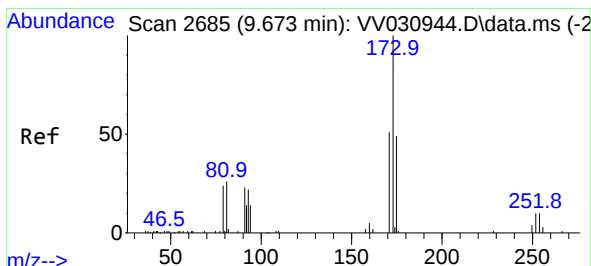
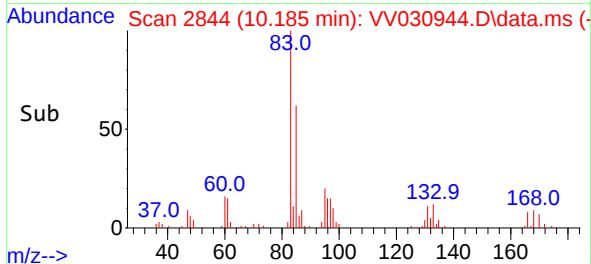
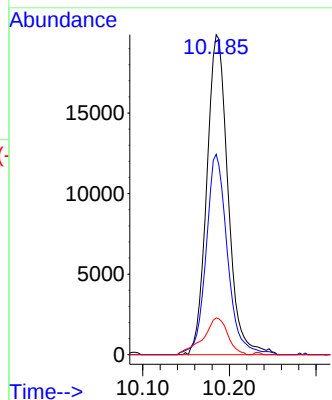
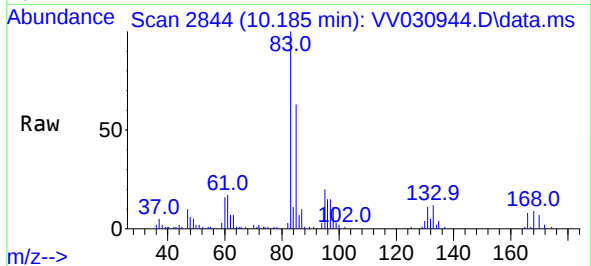




#57
1,1,2,2-Tetrachloroethane
Concen: 5.364 ug/L
RT: 10.185 min Scan# 2844
Delta R.T. -0.000 min
Lab File: VV030944.D
Acq: 01 May 2023 10:10

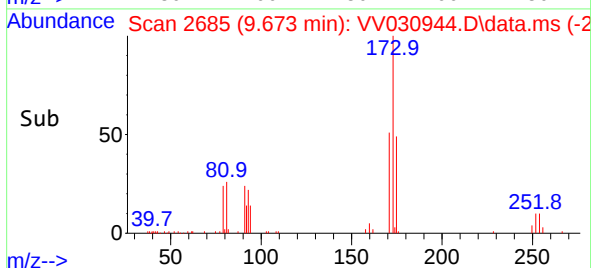
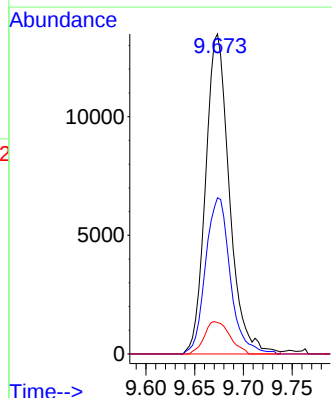
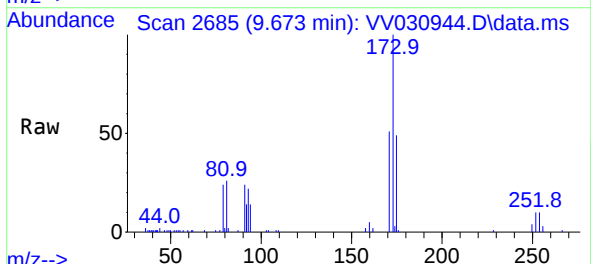
Instrument :
MSVOA_V
ClientSampleId :
VSTD005338

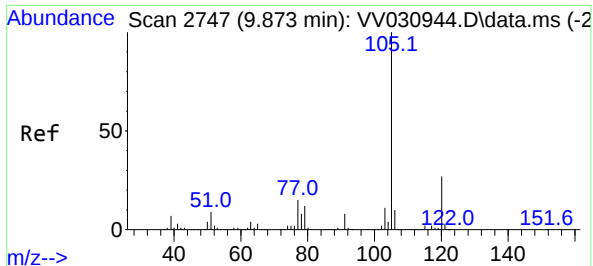
Tgt Ion: 83 Resp: 33784
Ion Ratio Lower Upper
83 100
85 62.6 45.2 84.0
131 11.5 8.3 12.5



#59
Bromoform
Concen: 5.210 ug/L
RT: 9.673 min Scan# 2685
Delta R.T. -0.000 min
Lab File: VV030944.D
Acq: 01 May 2023 10:10

Tgt Ion: 173 Resp: 22902
Ion Ratio Lower Upper
173 100
175 50.7 39.9 59.9
254 10.8 9.7 14.5

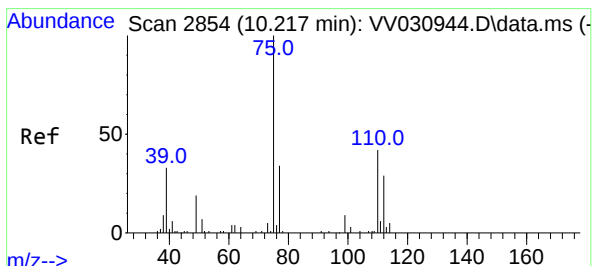
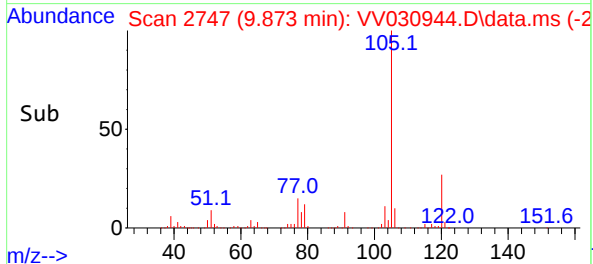
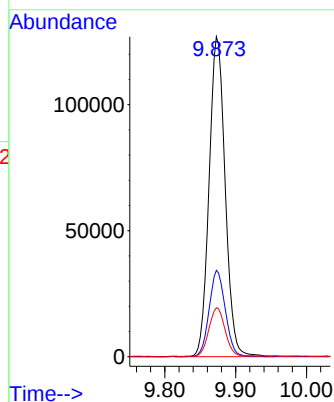
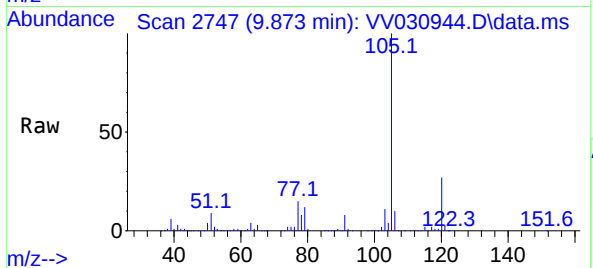




#60
Isopropylbenzene
Concen: 4.978 ug/L
RT: 9.873 min Scan# 21
Delta R.T. -0.003 min
Lab File: VV030944.D
Acq: 01 May 2023 10:10

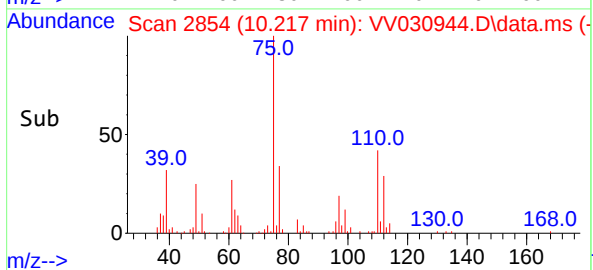
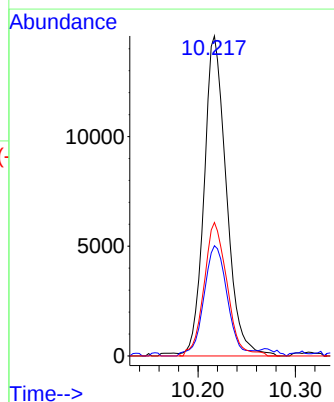
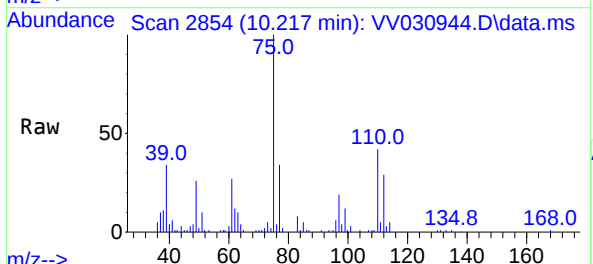
Instrument :
MSVOA_V
ClientSampleId :
VSTD005338

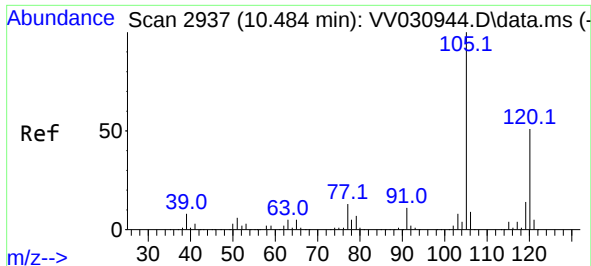
Tgt Ion:105 Resp: 200451
Ion Ratio Lower Upper
105 100
120 27.1 22.2 33.4
77 15.3 13.0 19.6



#61
1,2,3-Trichloropropane
Concen: 4.937 ug/L
RT: 10.217 min Scan# 2854
Delta R.T. -0.000 min
Lab File: VV030944.D
Acq: 01 May 2023 10:10

Tgt Ion: 75 Resp: 23161
Ion Ratio Lower Upper
75 100
77 36.4 25.3 37.9
110 43.1 34.0 51.0

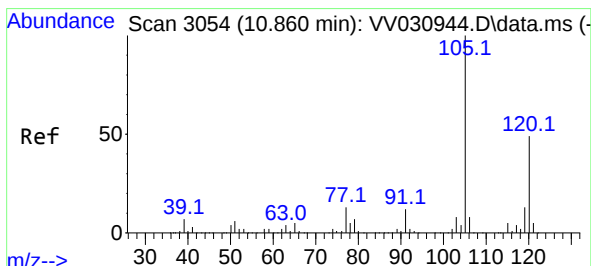
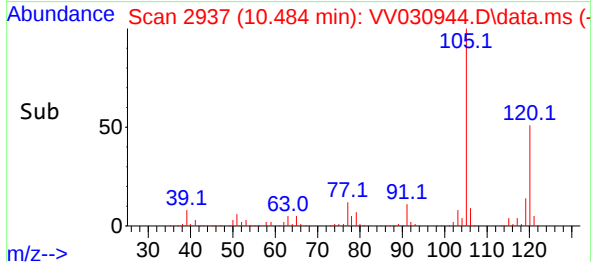
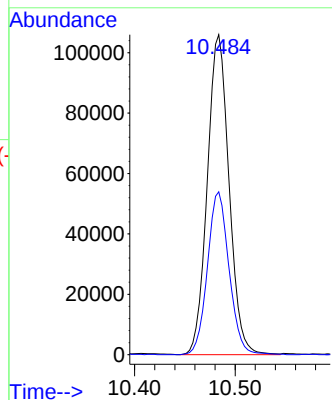
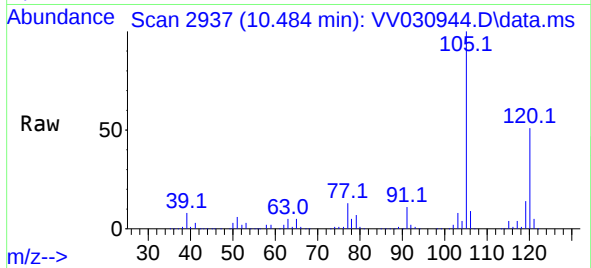




#62
1,3,5-Trimethylbenzene
Concen: 4.861 ug/L
RT: 10.484 min Scan# 2937
Delta R.T. -0.000 min
Lab File: VV030944.D
Acq: 01 May 2023 10:10

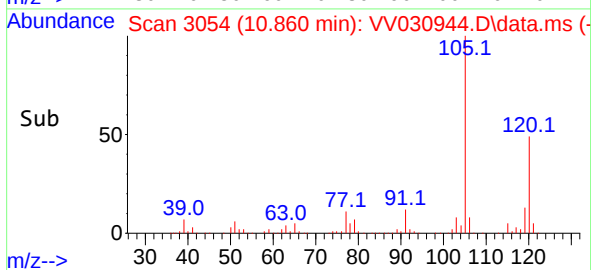
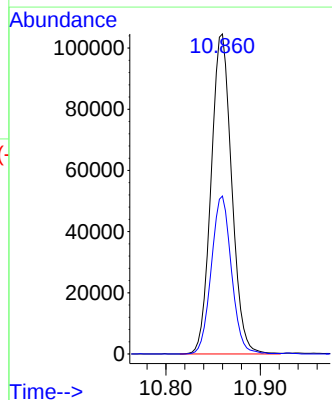
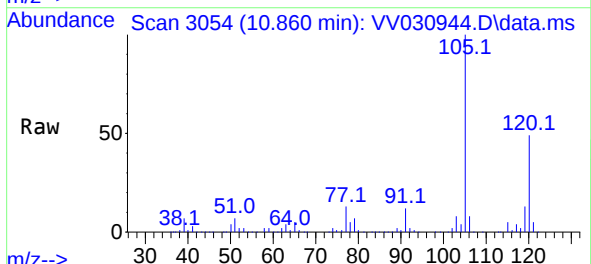
Instrument :
MSVOA_V
ClientSampleId :
VSTD005338

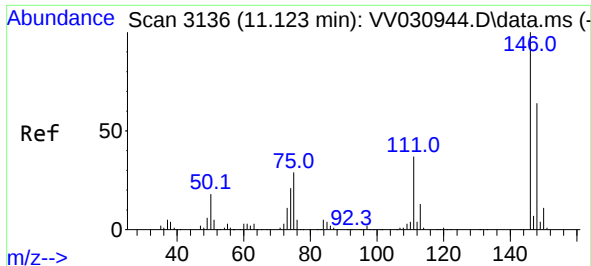
Tgt Ion:105 Resp: 159329
Ion Ratio Lower Upper
105 100
120 50.6 40.2 60.4



#63
1,2,4-Trimethylbenzene
Concen: 4.768 ug/L
RT: 10.860 min Scan# 3054
Delta R.T. -0.000 min
Lab File: VV030944.D
Acq: 01 May 2023 10:10

Tgt Ion:105 Resp: 158348
Ion Ratio Lower Upper
105 100
120 48.2 37.9 56.9

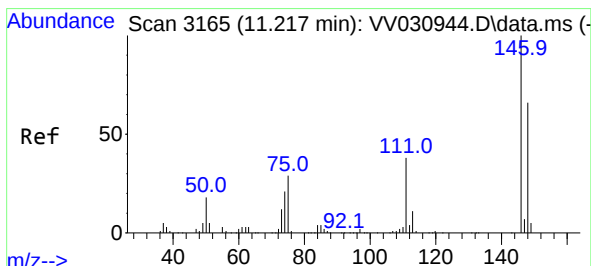
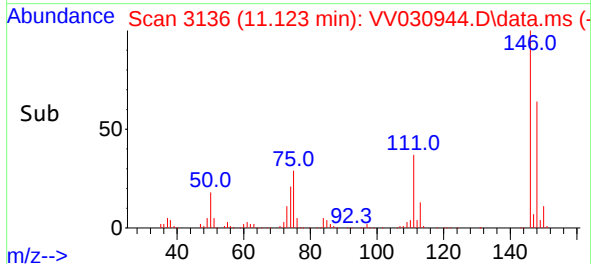
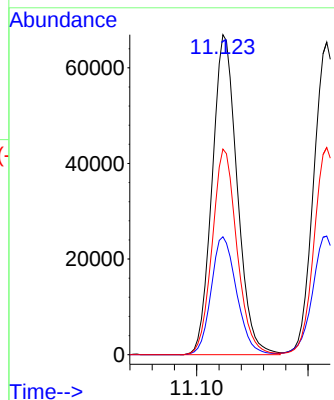
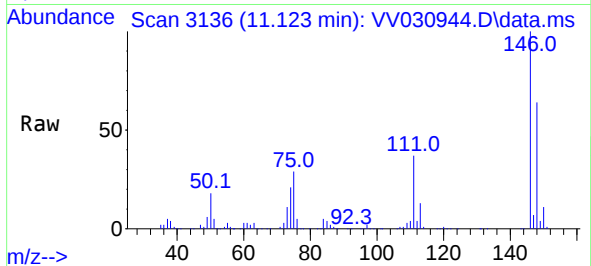




#64
1,3-Dichlorobenzene
Concen: 5.048 ug/L
RT: 11.123 min Scan# 3136
Delta R.T. -0.000 min
Lab File: VV030944.D
Acq: 01 May 2023 10:10

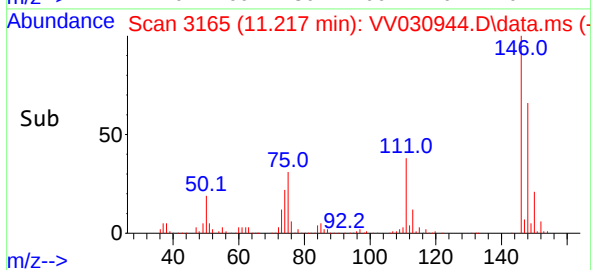
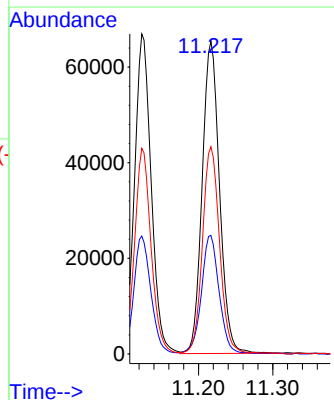
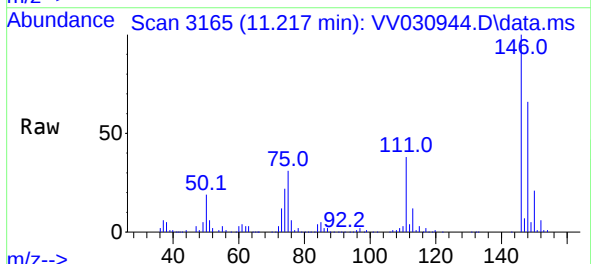
Instrument :
MSVOA_V
ClientSampleId :
VSTD005338

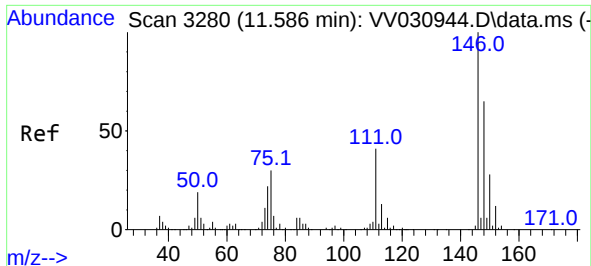
Tgt Ion:146 Resp: 104395
Ion Ratio Lower Upper
146 100
111 36.9 26.5 49.3
148 64.3 43.4 80.6



#65
1,4-Dichlorobenzene
Concen: 5.080 ug/L
RT: 11.217 min Scan# 3165
Delta R.T. -0.000 min
Lab File: VV030944.D
Acq: 01 May 2023 10:10

Tgt Ion:146 Resp: 105981
Ion Ratio Lower Upper
146 100
111 37.9 23.9 44.5
148 66.3 42.8 79.6

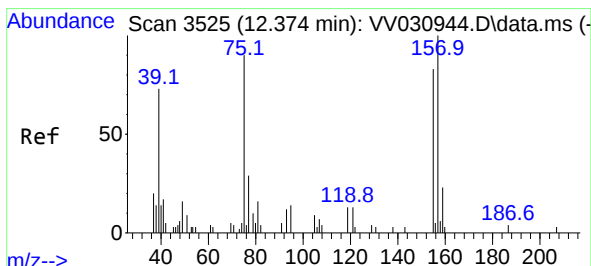
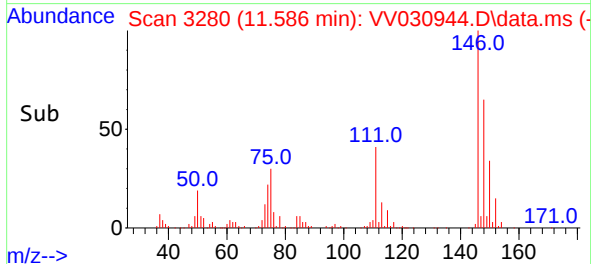
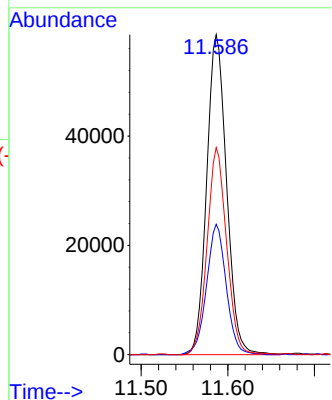
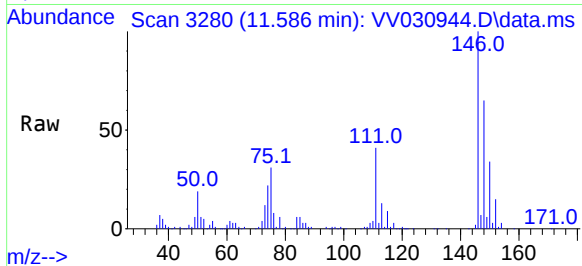




#67
1,2-Dichlorobenzene
Concen: 5.018 ug/L
RT: 11.586 min Scan# 3111
Delta R.T. -0.000 min
Lab File: VV030944.D
Acq: 01 May 2023 10:10

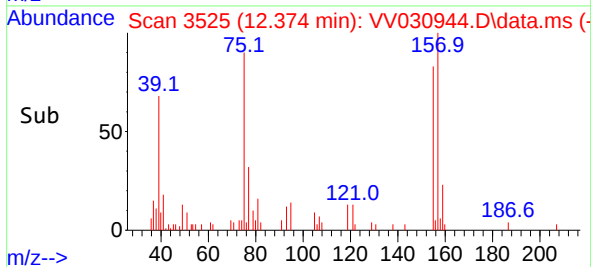
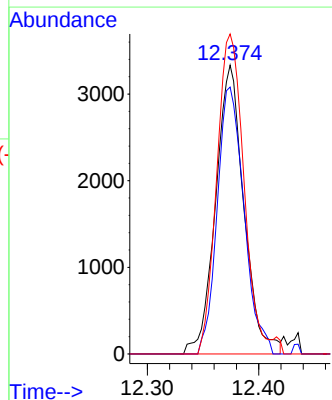
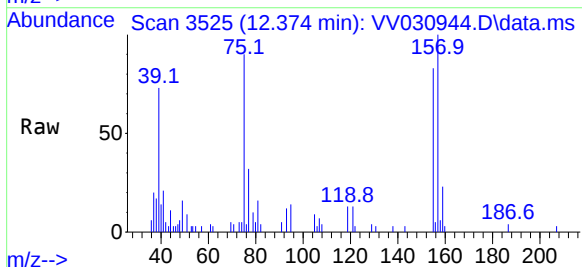
Instrument :
MSVOA_V
ClientSampleId :
VSTD005338

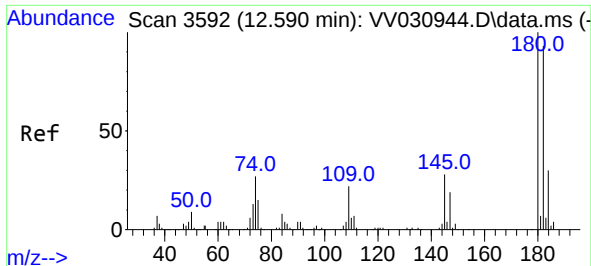
Tgt Ion:146 Resp: 93311
Ion Ratio Lower Upper
146 100
111 40.8 34.0 51.0
148 64.7 53.8 80.6



#68
1,2-Dibromo-3-chloropropane
Concen: 4.937 ug/L
RT: 12.374 min Scan# 3525
Delta R.T. -0.000 min
Lab File: VV030944.D
Acq: 01 May 2023 10:10

Tgt Ion: 75 Resp: 5879
Ion Ratio Lower Upper
75 100
155 92.4 56.2 84.4#
157 110.8 83.1 124.7

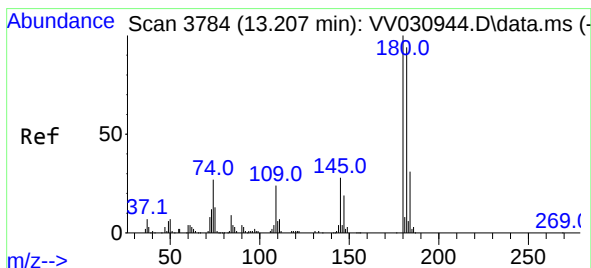
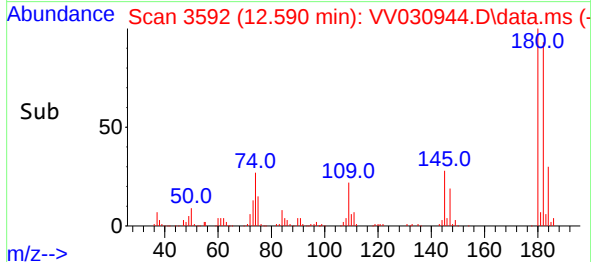
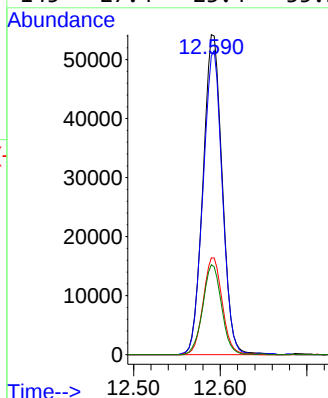
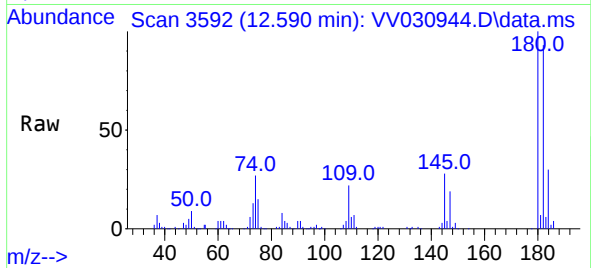




#69
1,3,5-Trichlorobenzene
Concen: 5.101 ug/L
RT: 12.590 min Scan# 3592
Delta R.T. -0.000 min
Lab File: VV030944.D
Acq: 01 May 2023 10:10

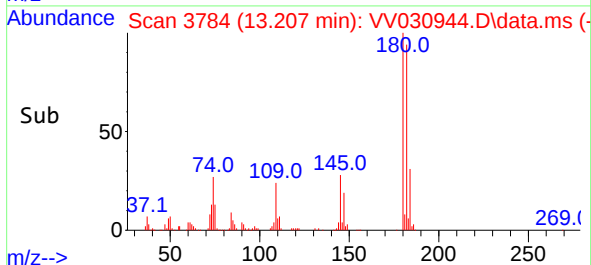
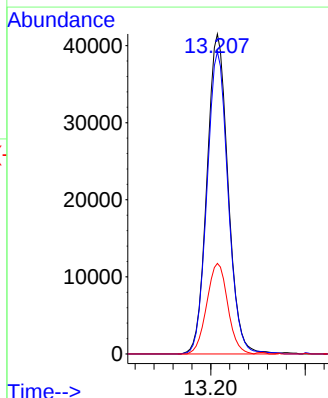
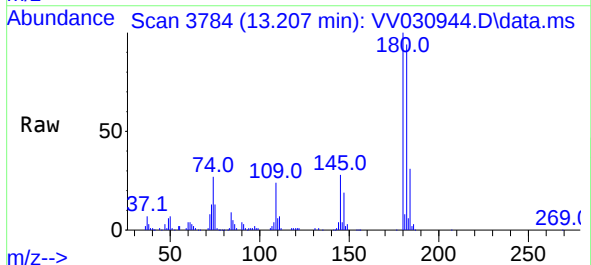
Instrument :
MSVOA_V
ClientSampleId :
VSTD005338

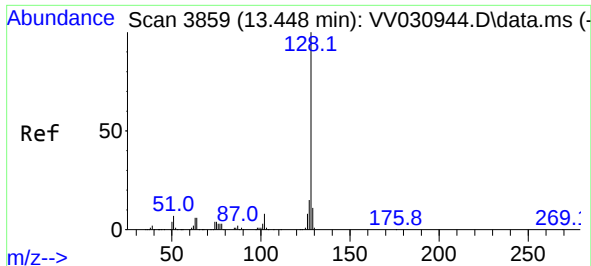
Tgt Ion:180	Resp:	83525
Ion Ratio	Lower	Upper
180	100	
182	95.0	75.1 112.7
184	30.0	24.1 36.1
145	27.4	23.4 35.2



#70
1,2,4-trichlorobenzene
Concen: 5.103 ug/L
RT: 13.207 min Scan# 3784
Delta R.T. -0.000 min
Lab File: VV030944.D
Acq: 01 May 2023 10:10

Tgt Ion:180	Resp:	64202
Ion Ratio	Lower	Upper
180	100	
182	94.5	76.0 114.0
145	28.2	22.9 34.3

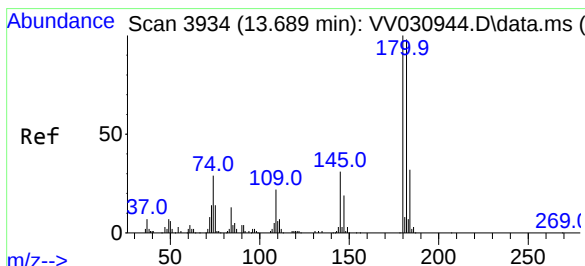
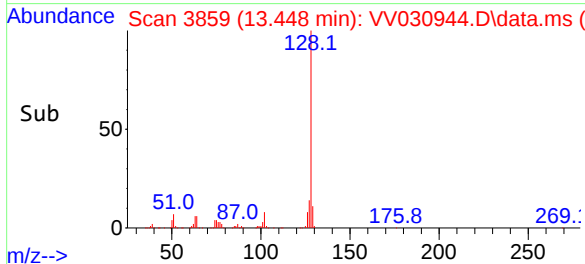
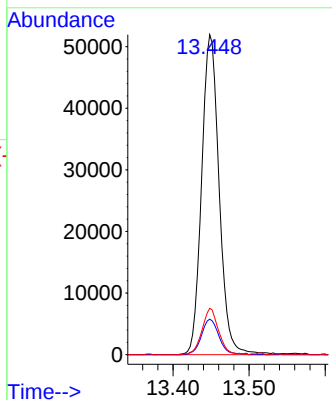
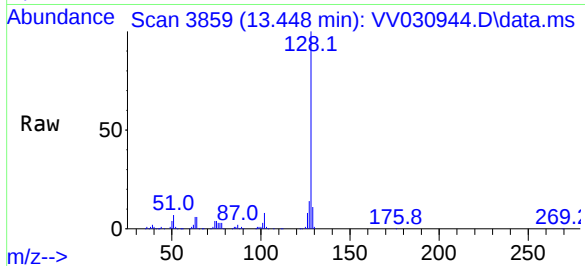




#71
Naphthalene
Concen: 4.610 ug/L
RT: 13.448 min Scan# 3859
Delta R.T. 0.003 min
Lab File: VV030944.D
Acq: 01 May 2023 10:10

Instrument :
MSVOA_V
ClientSampleId :
VSTD005338

Tgt Ion:	128	Resp:	83176
Ion Ratio	Lower	Upper	
128	100		
129	11.1	8.6	13.0
127	13.7	10.6	16.0



#72
1,2,3-Trichlorobenzene
Concen: 4.991 ug/L
RT: 13.689 min Scan# 3934
Delta R.T. -0.000 min
Lab File: VV030944.D
Acq: 01 May 2023 10:10

Tgt Ion:	180	Resp:	53163
Ion Ratio	Lower	Upper	
180	100		
182	98.4	77.3	115.9
145	30.8	24.7	37.1

