

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW051123\
 Data File : VW031010.D
 Acq On : 11 May 2023 09:42
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005346

Quant Time: May 12 09:46:20 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR042823WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat May 06 01:44:36 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.539	114	127643	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	127457	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	71847	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	47883	4.553	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.000%
7) Chloroethane-d5	1.536	69	43212	5.037	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.800%
11) 1,1-Dichloroethene-d2	2.063	65	26289	4.723	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	94.400%
20) 2-Butanone-d5	3.844	46	77884	41.763	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	83.520%
24) Chloroform-d	4.256	84	105294	5.038	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.800%
26) 1,2-Dichloroethane-d4	4.950	65	52150	4.908	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.200%
32) Benzene-d6	4.966	84	182708	4.890	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.800%
36) 1,2-Dichloropropane-d6	5.992	67	50349	4.635	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.600%
41) Toluene-d8	7.249	98	175205	4.925	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.400%
43) trans-1,3-Dichloroprop...	7.561	79	17877	4.390	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.800%
46) 2-Hexanone-d5	8.037	63	59391	41.627	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	83.260%
56) 1,1,2,2-Tetrachloroeth...	10.159	84	38209	4.852	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.000%
66) 1,2-Dichlorobenzene-d4	11.567	152	61742	4.610	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	46731	4.634	ug/L	99
3) Chloromethane	1.217	50	49268	4.163	ug/L	98
5) Vinyl chloride	1.285	62	46012	4.646	ug/L	100
6) Bromomethane	1.491	94	22317	4.731	ug/L	99
8) Chloroethane	1.552	64	27475	4.558	ug/L	100
9) Trichlorofluoromethane	1.716	101	90124	4.932	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	46175	4.950	ug/L	98
12) 1,1-Dichloroethene	2.072	96	40283	4.689	ug/L	97
13) Acetone	2.169	43	26589	16.692	ug/L	67
14) Carbon disulfide	2.243	76	91564	4.074	ug/L	98
15) Methyl Acetate	2.400	43	13314	4.108	ug/L #	89
16) Methylene chloride	2.452	84	39060	4.020	ug/L	98
17) Methyl tert-butyl Ether	2.712	73	78671	4.811	ug/L	96
18) trans-1,2-Dichloroethene	2.699	96	37081	4.726	ug/L	94
19) 1,1-Dichloroethane	3.114	63	74938	4.946	ug/L	99
21) 2-Butanone	3.915	43	47110	26.890	ug/L	83
22) cis-1,2-Dichloroethene	3.822	96	39156	4.730	ug/L	97
23) Bromochloromethane	4.153	128	19981	5.126	ug/L #	87
25) Chloroform	4.285	83	83852	5.158	ug/L	98

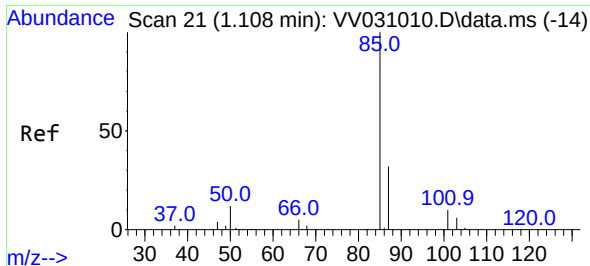
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW051123\
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Quant Time: May 12 09:46:20 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR042823WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat May 06 01:44:36 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.053	62	51019	5.001	ug/L	96
29) 1,1,1-Trichloroethane	4.519	97	80450	5.023	ug/L	98
30) Cyclohexane	4.590	56	49979	4.132	ug/L	97
31) Carbon tetrachloride	4.738	117	72692	5.053	ug/L	98
33) Benzene	5.014	78	152960	4.771	ug/L	100
34) Trichloroethene	5.838	95	41480	4.854	ug/L	99
35) Methylcyclohexane	6.056	83	56083	4.235	ug/L	100
37) 1,2-Dichloropropane	6.098	63	40032	5.264	ug/L	98
38) Bromodichloromethane	6.439	83	57303	5.148	ug/L	99
39) cis-1,3-Dichloropropene	6.960	75	52771	4.633	ug/L	99
40) 4-Methyl-2-pentanone	7.169	43	192181	48.775	ug/L	99
42) Toluene	7.320	91	176192	5.105	ug/L	100
44) trans-1,3-Dichloropropene	7.587	75	46891	4.832	ug/L	100
45) 1,1,2-Trichloroethane	7.776	97	29255	5.185	ug/L	96
47) Tetrachloroethene	7.911	164	39548	4.851	ug/L	96
48) 2-Hexanone	8.088	43	149782	49.563	ug/L	97
49) Dibromochloromethane	8.185	129	37731	5.315	ug/L	97
50) 1,2-Dibromoethane	8.291	107	25183	5.004	ug/L #	96
51) Chlorobenzene	8.821	112	114638	4.899	ug/L	99
52) Ethylbenzene	8.953	91	175778	4.671	ug/L	95
53) m,p-Xylene	9.079	106	70582	4.700	ug/L	98
54) o-Xylene	9.484	106	66218	4.633	ug/L	96
55) Styrene	9.503	104	114461	4.746	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.185	83	32139	5.096	ug/L	98
59) Bromoform	9.670	173	22930	5.422	ug/L	100
60) Isopropylbenzene	9.873	105	188157	4.857	ug/L	98
61) 1,2,3-Trichloropropane	10.217	75	22021	4.879	ug/L	98
62) 1,3,5-Trimethylbenzene	10.481	105	145620	4.618	ug/L	98
63) 1,2,4-Trimethylbenzene	10.857	105	144620	4.526	ug/L	99
64) 1,3-Dichlorobenzene	11.124	146	96194	4.835	ug/L	96
65) 1,4-Dichlorobenzene	11.217	146	97133	4.840	ug/L	97
67) 1,2-Dichlorobenzene	11.587	146	87769	4.906	ug/L	94
68) 1,2-Dibromo-3-chloropr...	12.371	75	5707	4.982	ug/L	89
69) 1,3,5-Trichlorobenzene	12.590	180	73271	4.652	ug/L	98
70) 1,2,4-trichlorobenzene	13.207	180	50144	4.143	ug/L	98
71) Naphthalene	13.448	128	55885	3.220	ug/L #	81
72) 1,2,3-Trichlorobenzene	13.686	180	42003	4.099	ug/L	99

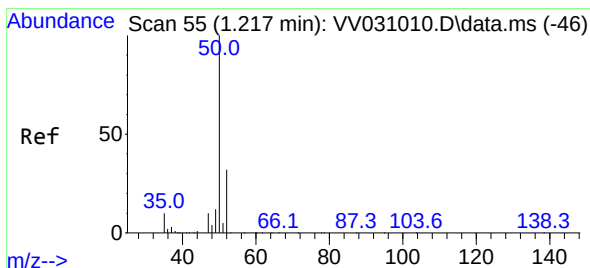
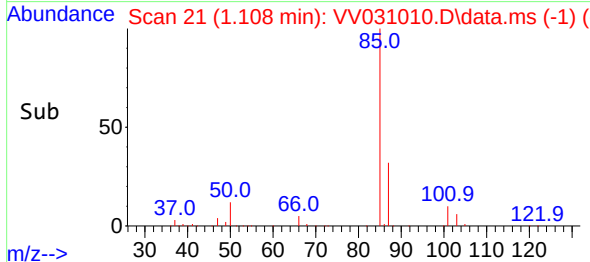
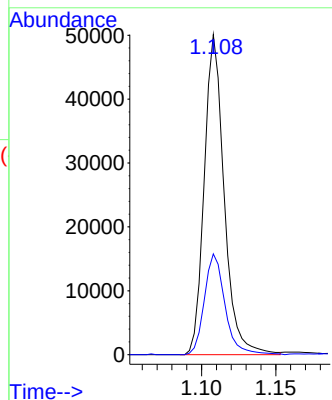
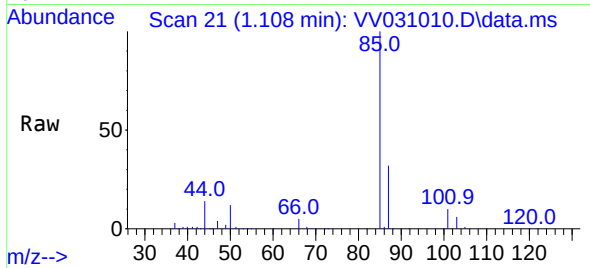
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
 Dichlorodifluoromethane
 Concen: 4.634 ug/L
 RT: 1.108 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VV031010.D
 Acq: 11 May 2023 09:42

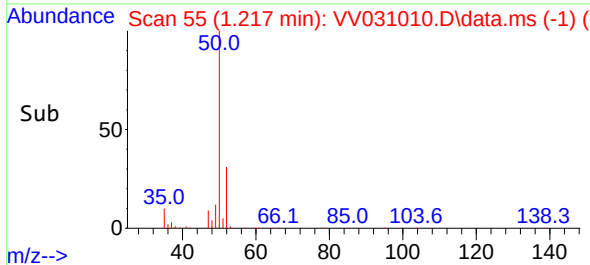
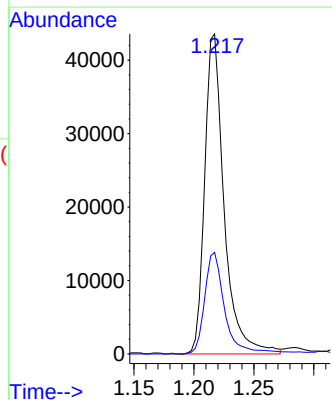
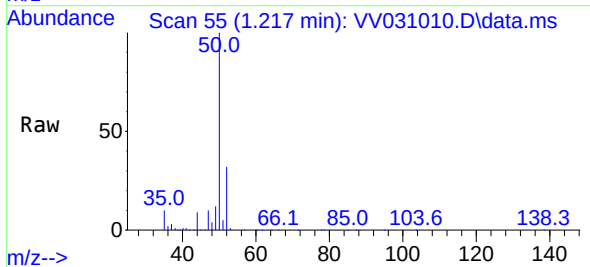
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005346

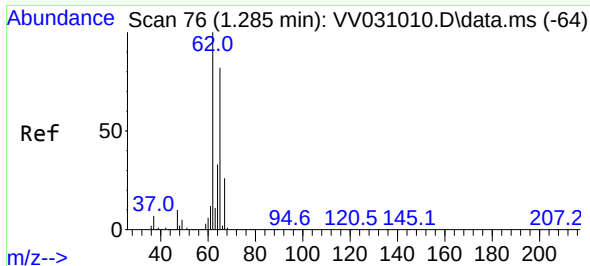
Tgt Ion: 85 Resp: 46731
 Ion Ratio Lower Upper
 85 100
 87 32.6 25.8 38.6



#3
 Chloromethane
 Concen: 4.163 ug/L
 RT: 1.217 min Scan# 55
 Delta R.T. 0.000 min
 Lab File: VV031010.D
 Acq: 11 May 2023 09:42

Tgt Ion: 50 Resp: 49268
 Ion Ratio Lower Upper
 50 100
 52 31.7 22.8 42.4

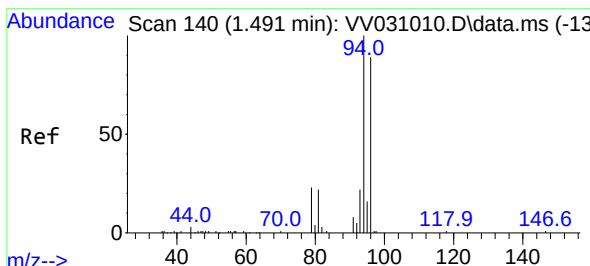
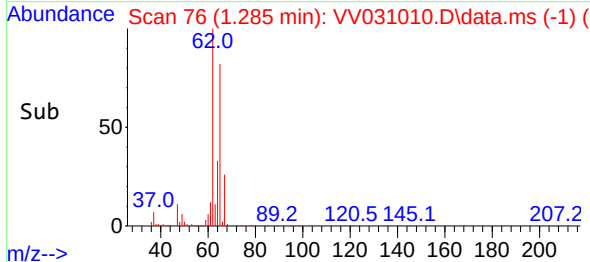
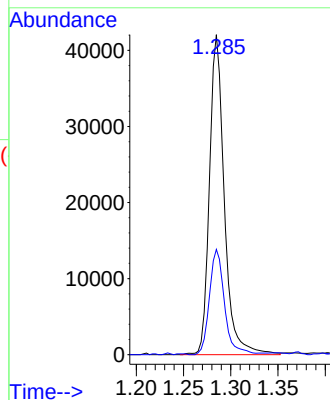
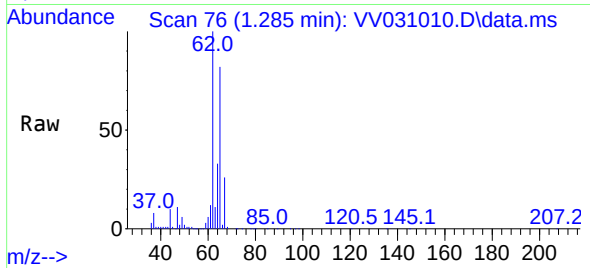




#5
 Vinyl chloride
 Concen: 4.646 ug/L
 RT: 1.285 min Scan# 70
 Delta R.T. 0.000 min
 Lab File: VV031010.D
 Acq: 11 May 2023 09:42

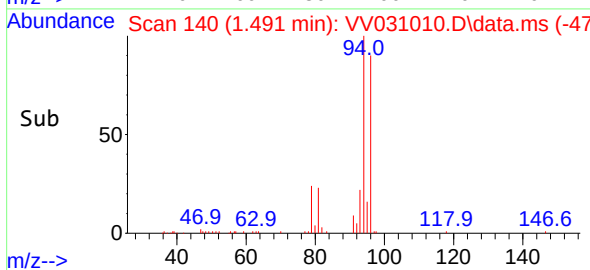
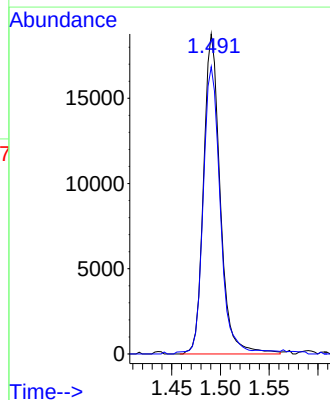
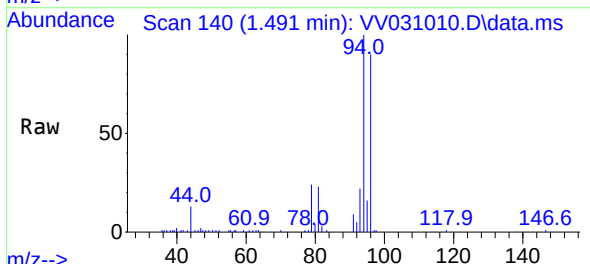
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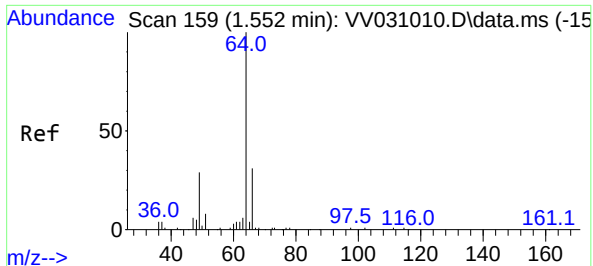
Tgt Ion: 62 Resp: 46012
 Ion Ratio Lower Upper
 62 100
 64 32.9 22.8 42.4



#6
 Bromomethane
 Concen: 4.731 ug/L
 RT: 1.491 min Scan# 140
 Delta R.T. 0.000 min
 Lab File: VV031010.D
 Acq: 11 May 2023 09:42

Tgt Ion: 94 Resp: 22317
 Ion Ratio Lower Upper
 94 100
 96 89.8 63.4 117.8

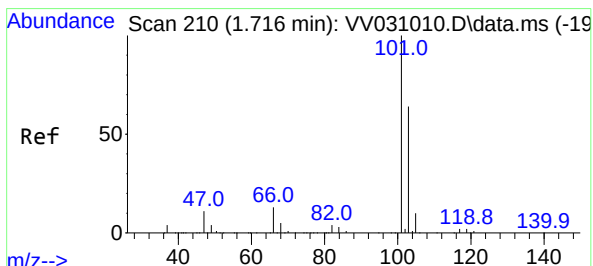
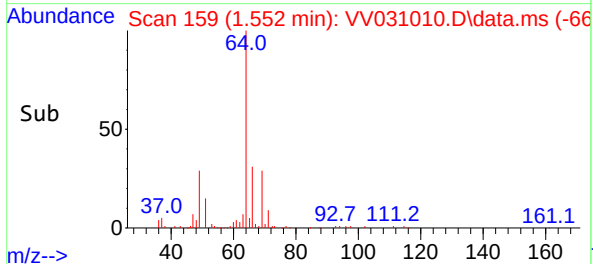
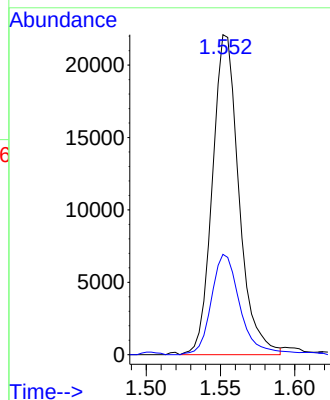
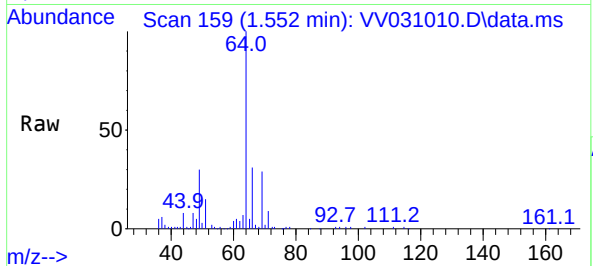




#8
Chloroethane
Concen: 4.558 ug/L
RT: 1.552 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV031010.D
Acq: 11 May 2023 09:42

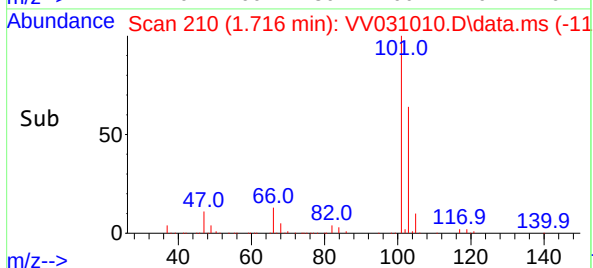
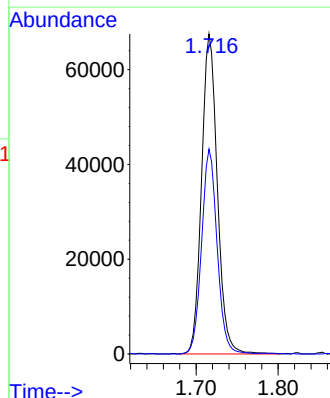
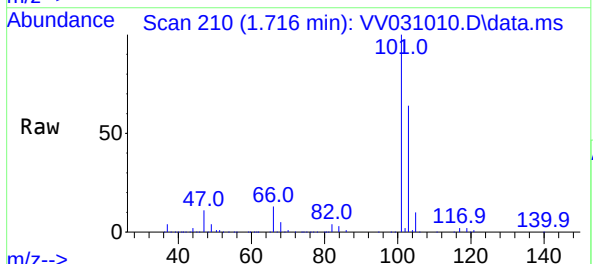
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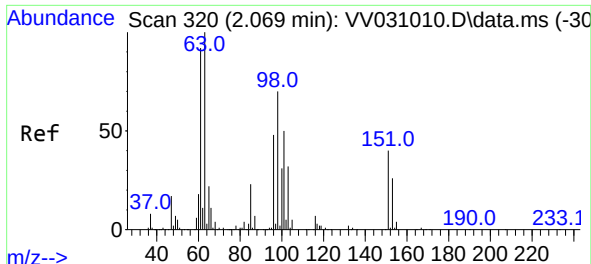
Tgt Ion: 64 Resp: 27475
Ion Ratio Lower Upper
64 100
66 31.4 22.1 41.1



#9
Trichlorofluoromethane
Concen: 4.932 ug/L
RT: 1.716 min Scan# 210
Delta R.T. 0.000 min
Lab File: VV031010.D
Acq: 11 May 2023 09:42

Tgt Ion:101 Resp: 90124
Ion Ratio Lower Upper
101 100
103 63.2 51.8 77.8

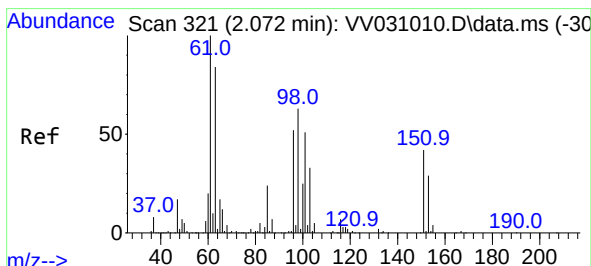
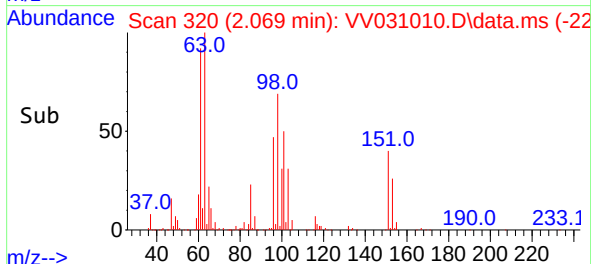
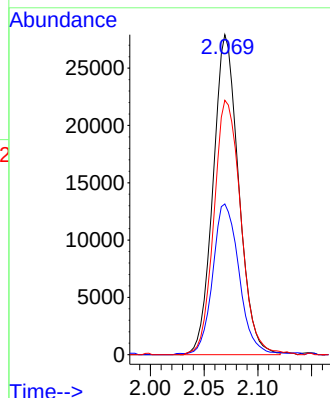
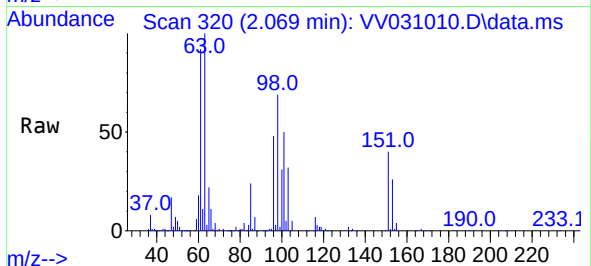




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 4.950 ug/L
RT: 2.069 min Scan# 310
Delta R.T. 0.000 min
Lab File: VV031010.D
Acq: 11 May 2023 09:42

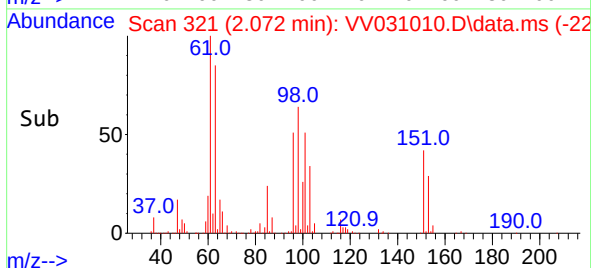
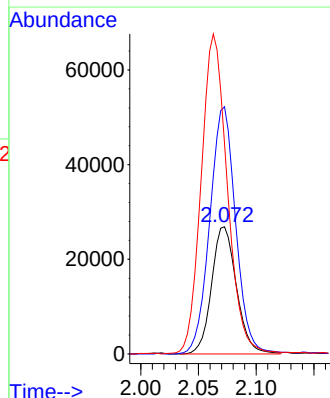
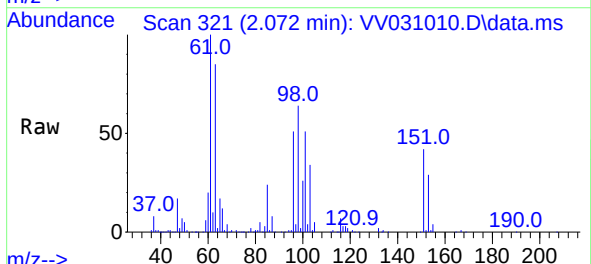
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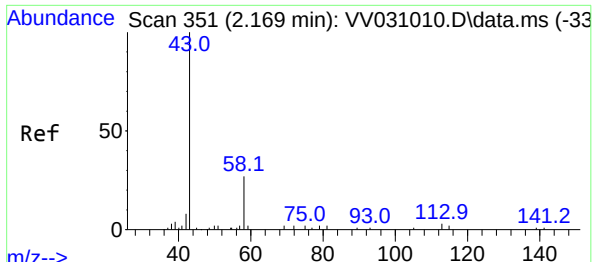
Tgt Ion:101 Resp: 46175
Ion Ratio Lower Upper
101 100
85 48.9 38.7 58.1
151 83.7 65.1 97.7



#12
1,1-Dichloroethene
Concen: 4.689 ug/L
RT: 2.072 min Scan# 321
Delta R.T. 0.000 min
Lab File: VV031010.D
Acq: 11 May 2023 09:42

Tgt Ion: 96 Resp: 40283
Ion Ratio Lower Upper
96 100
61 194.4 135.6 251.8
63 165.6 121.1 224.9





#13

Acetone

Concen: 16.692 ug/L

RT: 2.169 min Scan# 351

Delta R.T. 0.010 min

Lab File: VV031010.D

Acq: 11 May 2023 09:42

Instrument :

MSVOA_V

ClientSampleId :

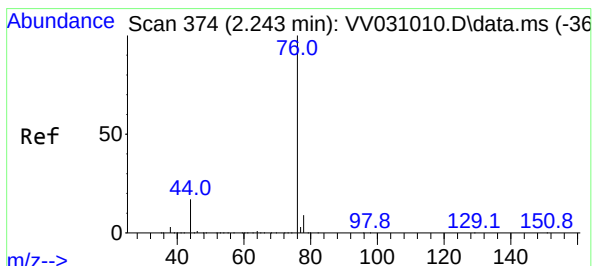
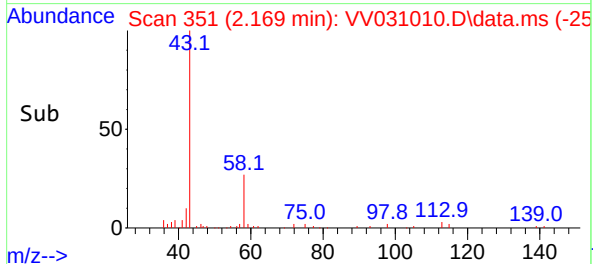
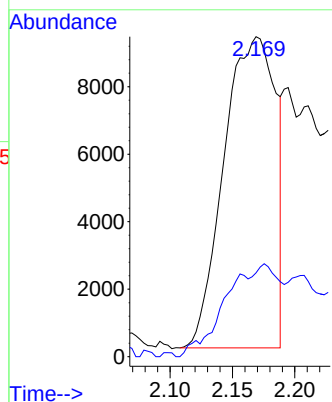
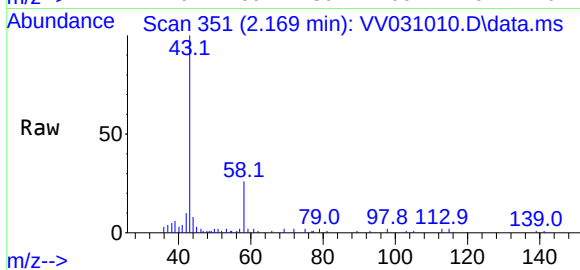
VSTD005346

Tgt Ion: 43 Resp: 26589

Ion Ratio Lower Upper

43 100

58 3.8 0.0 37.0



#14

Carbon disulfide

Concen: 4.074 ug/L

RT: 2.243 min Scan# 374

Delta R.T. -0.003 min

Lab File: VV031010.D

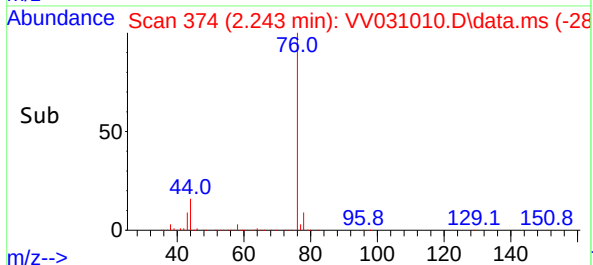
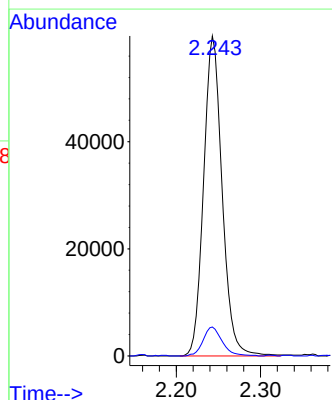
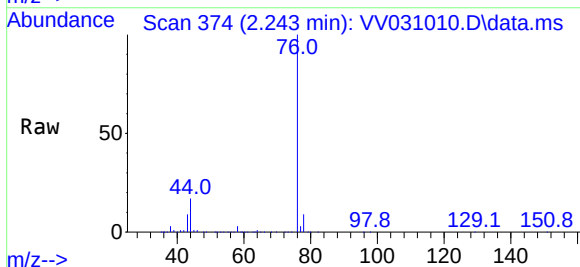
Acq: 11 May 2023 09:42

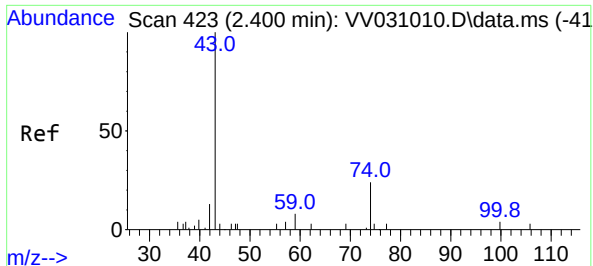
Tgt Ion: 76 Resp: 91564

Ion Ratio Lower Upper

76 100

78 9.1 6.8 10.2

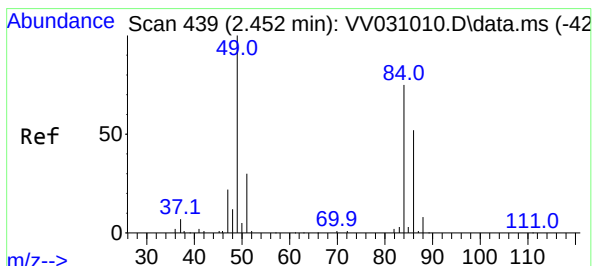
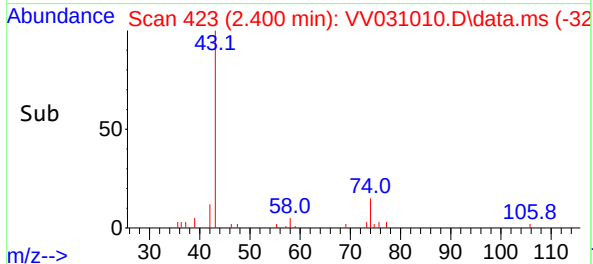
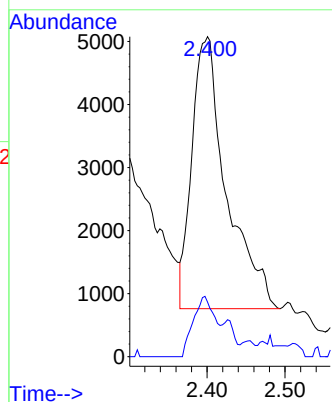
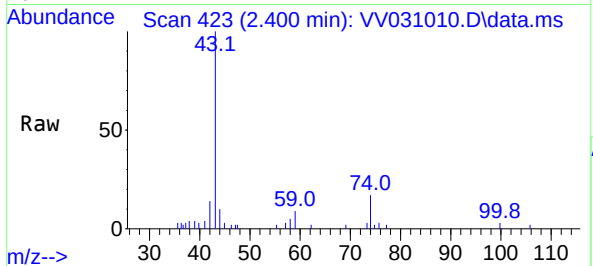




#15
Methyl Acetate
Concen: 4.108 ug/L
RT: 2.400 min Scan# 41
Delta R.T. 0.007 min
Lab File: VV031010.D
Acq: 11 May 2023 09:42

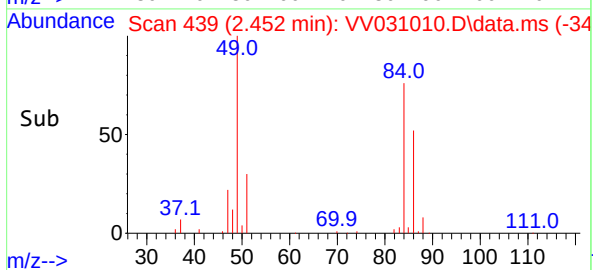
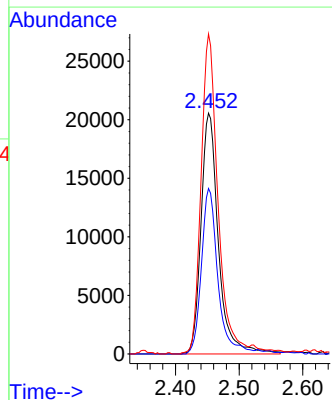
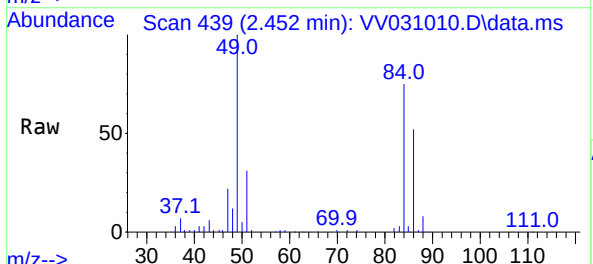
Instrument :
MSVOA_V
ClientSampleId :
VSTD005346

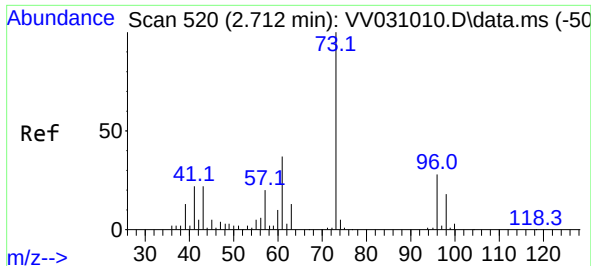
Tgt Ion: 43 Resp: 13314
Ion Ratio Lower Upper
43 100
74 13.8 15.0 22.6#



#16
Methylene chloride
Concen: 4.020 ug/L
RT: 2.452 min Scan# 439
Delta R.T. 0.000 min
Lab File: VV031010.D
Acq: 11 May 2023 09:42

Tgt Ion: 84 Resp: 39060
Ion Ratio Lower Upper
84 100
86 68.7 46.1 85.5
49 132.9 94.3 175.1

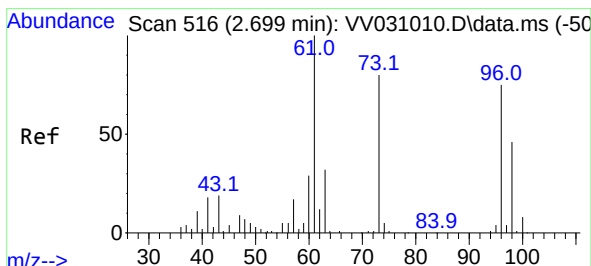
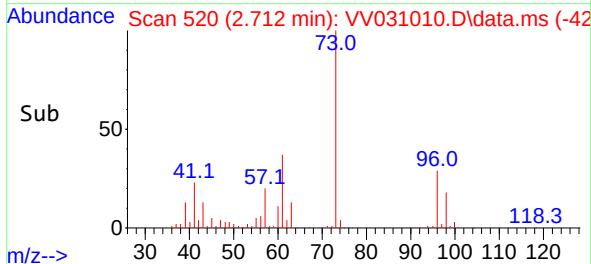
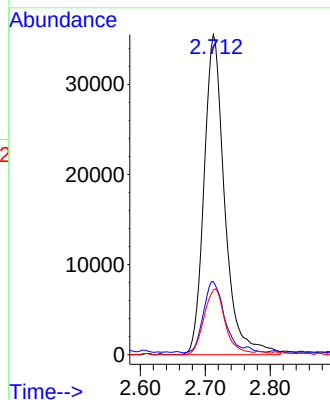
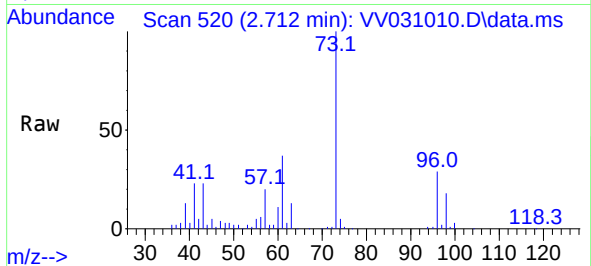




#17
Methyl tert-butyl Ether
Concen: 4.811 ug/L
RT: 2.712 min Scan# 516
Delta R.T. 0.000 min
Lab File: VV031010.D
Acq: 11 May 2023 09:42

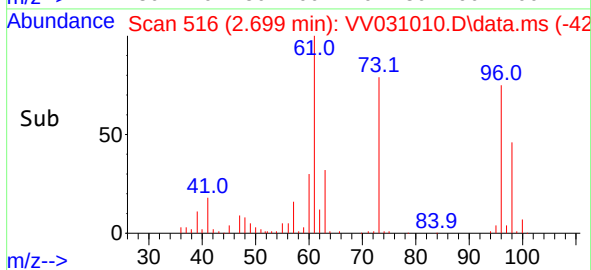
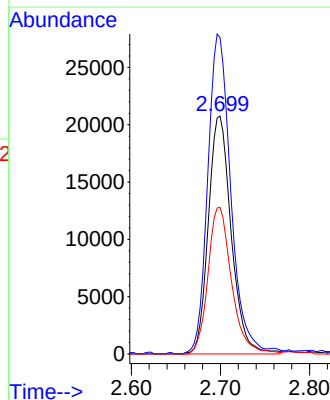
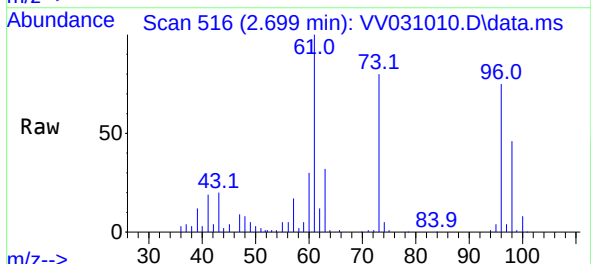
Instrument :
MSVOA_V
ClientSampleId :
VSTD005346

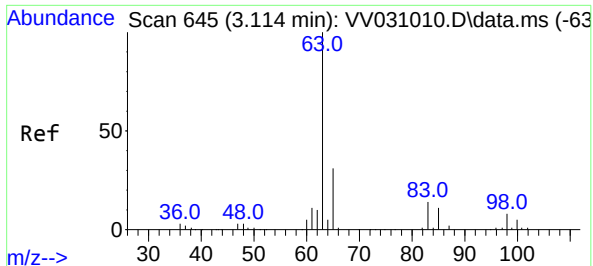
Tgt Ion: 73 Resp: 78671
Ion Ratio Lower Upper
73 100
43 22.3 19.9 29.9
57 21.2 18.2 27.4



#18
trans-1,2-Dichloroethene
Concen: 4.726 ug/L
RT: 2.699 min Scan# 516
Delta R.T. 0.000 min
Lab File: VV031010.D
Acq: 11 May 2023 09:42

Tgt Ion: 96 Resp: 37081
Ion Ratio Lower Upper
96 100
61 132.9 98.9 183.7
98 61.6 46.0 85.4



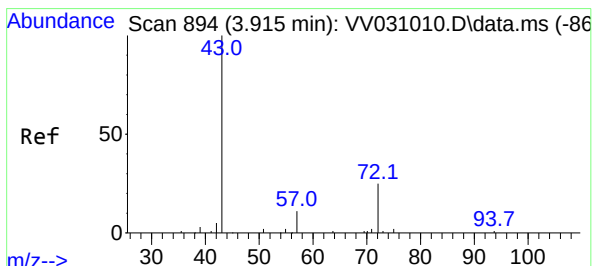
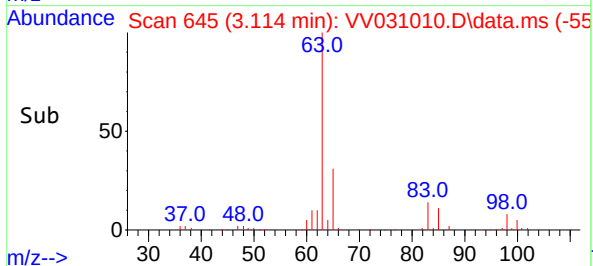
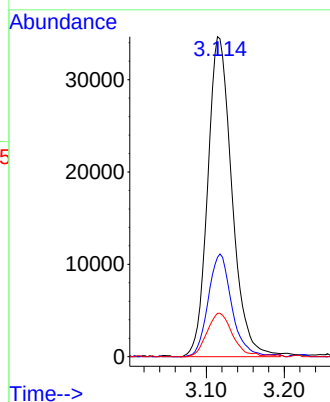
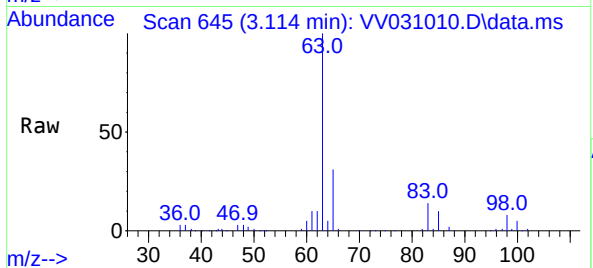


#19
1,1-Dichloroethane
Concen: 4.946 ug/L
RT: 3.114 min Scan# 645
Delta R.T. -0.003 min
Lab File: VV031010.D
Acq: 11 May 2023 09:42

Instrument :
MSVOA_V
ClientSampleId :
VSTD005346

Tgt Ion: 63 Resp: 74938

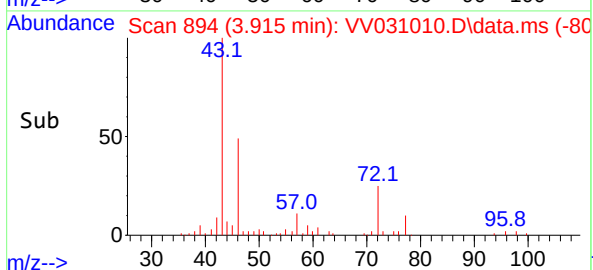
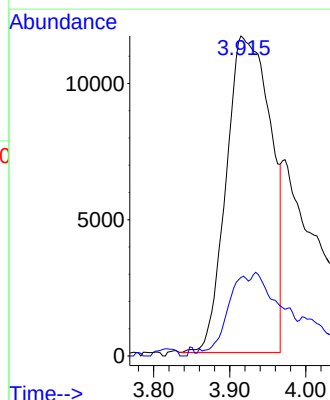
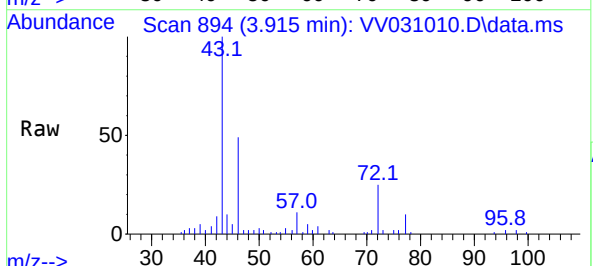
Ion	Ratio	Lower	Upper
63	100		
65	31.0	21.8	40.6
83	13.5	10.2	19.0

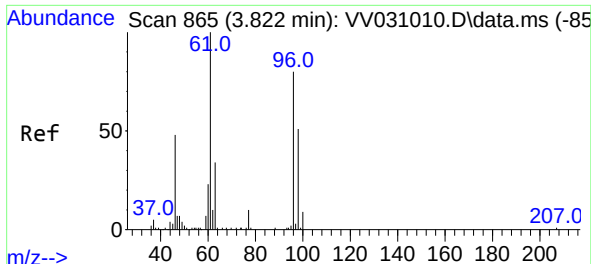


#21
2-Butanone
Concen: 26.890 ug/L
RT: 3.915 min Scan# 894
Delta R.T. -0.003 min
Lab File: VV031010.D
Acq: 11 May 2023 09:42

Tgt Ion: 43 Resp: 47110

Ion	Ratio	Lower	Upper
43	100		
72	11.6	9.6	28.6

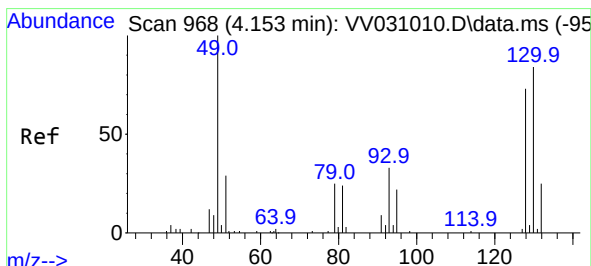
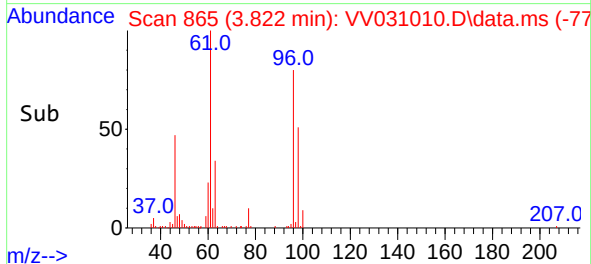
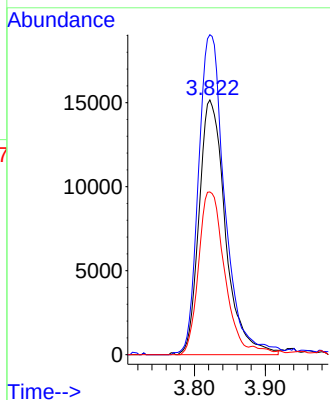
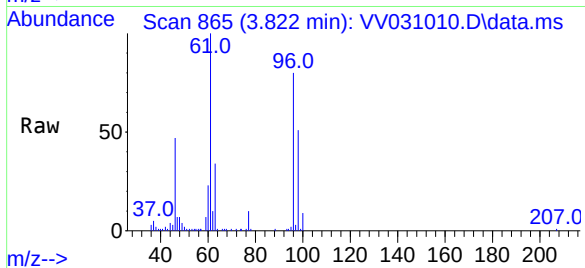




#22
cis-1,2-Dichloroethene
Concen: 4.730 ug/L
RT: 3.822 min Scan# 865
Delta R.T. -0.003 min
Lab File: VV031010.D
Acq: 11 May 2023 09:42

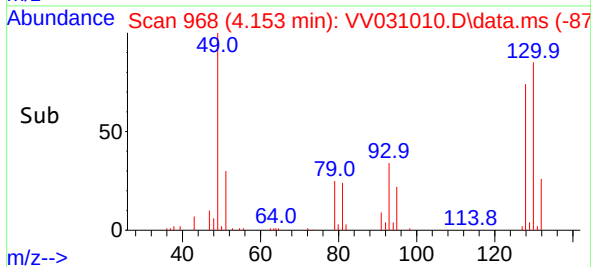
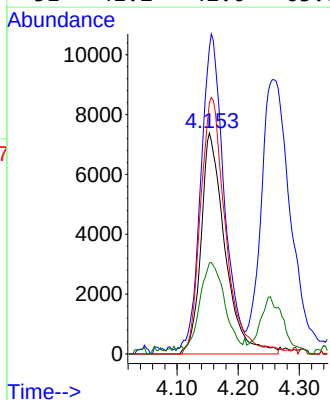
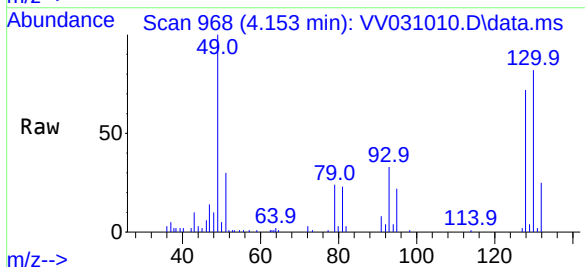
Instrument :
MSVOA_V
ClientSampleId :
VSTD005346

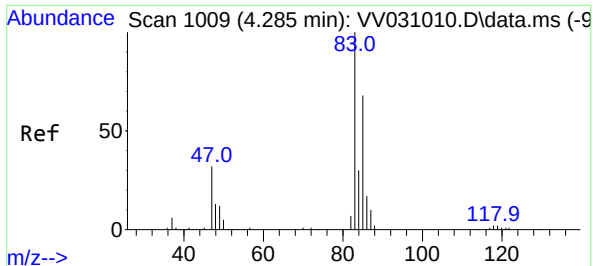
Tgt Ion: 96 Resp: 39156
Ion Ratio Lower Upper
96 100
61 125.6 86.0 159.6
98 63.9 43.2 80.2



#23
Bromochloromethane
Concen: 5.126 ug/L
RT: 4.153 min Scan# 968
Delta R.T. -0.006 min
Lab File: VV031010.D
Acq: 11 May 2023 09:42

Tgt Ion:128 Resp: 19981
Ion Ratio Lower Upper
128 100
49 138.6 104.7 194.5
130 113.7 93.4 173.4
51 41.2 42.0 63.0#





#25

Chloroform

Concen: 5.158 ug/L

RT: 4.285 min Scan# 1009

Delta R.T. 0.000 min

Lab File: VV031010.D

Acq: 11 May 2023 09:42

Instrument :

MSVOA_V

ClientSampleId :

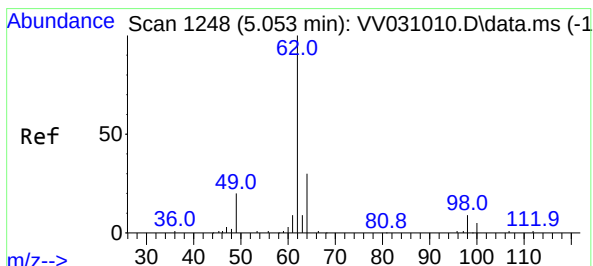
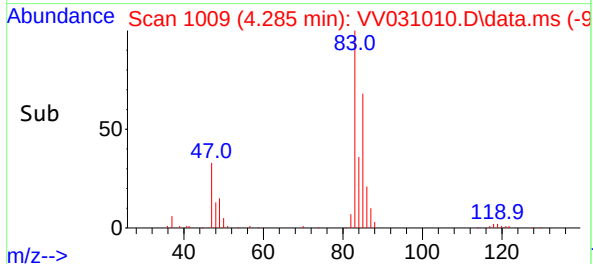
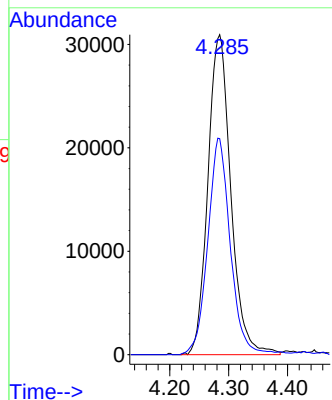
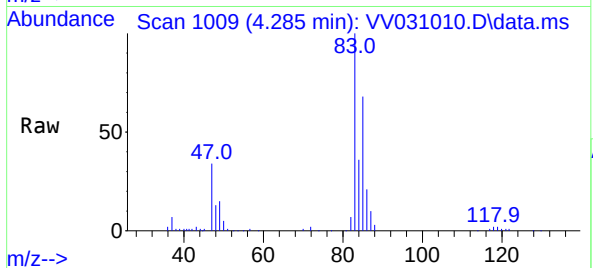
VSTD005346

Tgt Ion: 83 Resp: 83852

Ion Ratio Lower Upper

83 100

85 67.5 46.4 86.2



#27

1,2-Dichloroethane

Concen: 5.001 ug/L

RT: 5.053 min Scan# 1248

Delta R.T. 0.000 min

Lab File: VV031010.D

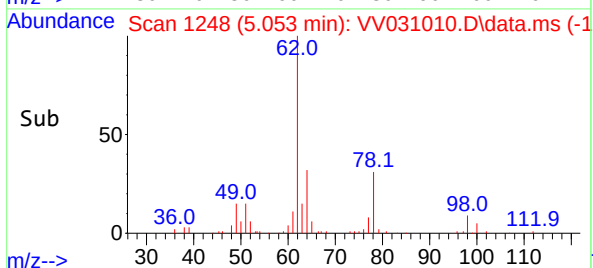
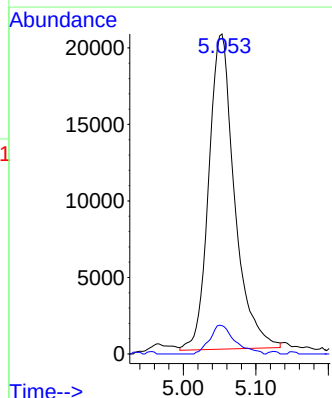
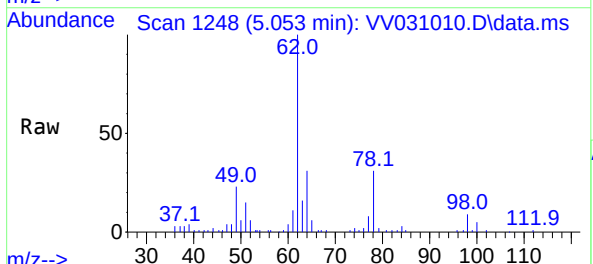
Acq: 11 May 2023 09:42

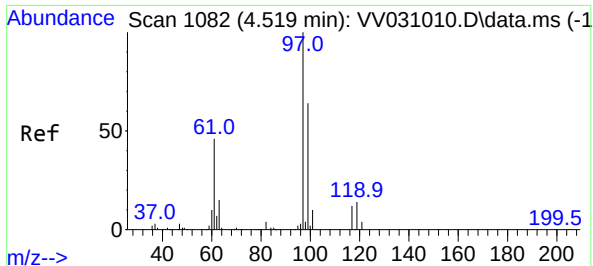
Tgt Ion: 62 Resp: 51019

Ion Ratio Lower Upper

62 100

98 8.9 6.0 9.0

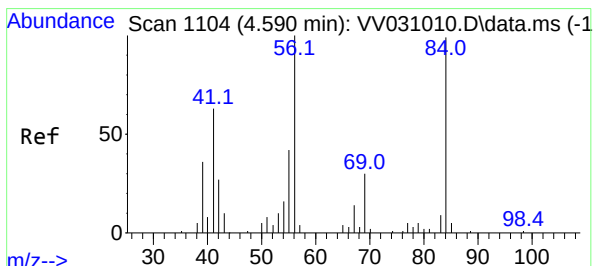
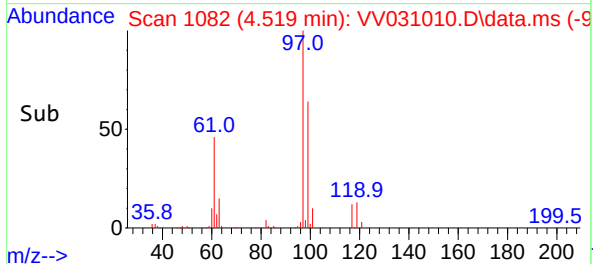
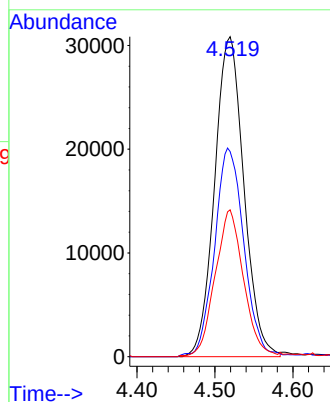
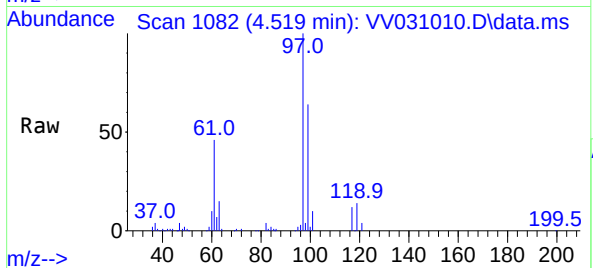




#29
1,1,1-Trichloroethane
Concen: 5.023 ug/L
RT: 4.519 min Scan# 1082
Delta R.T. 0.000 min
Lab File: VV031010.D
Acq: 11 May 2023 09:42

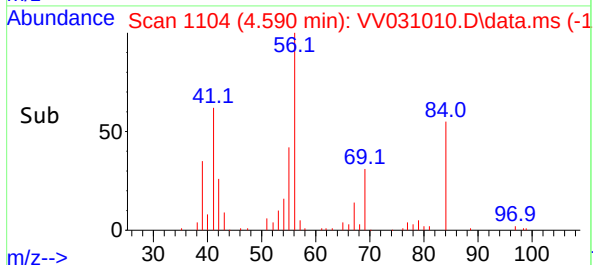
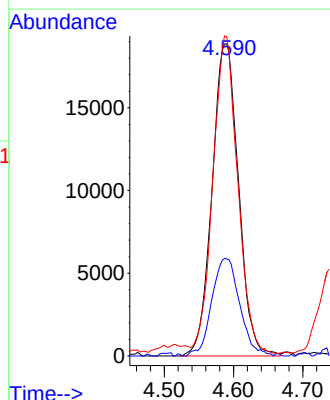
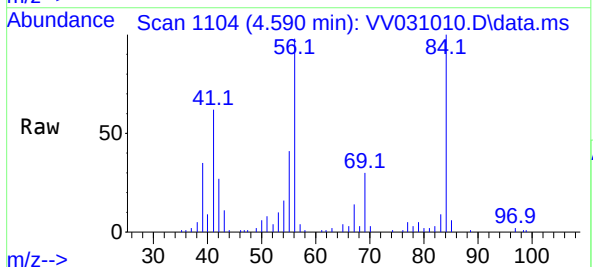
Instrument :
MSVOA_V
ClientSampleId :
VSTD005346

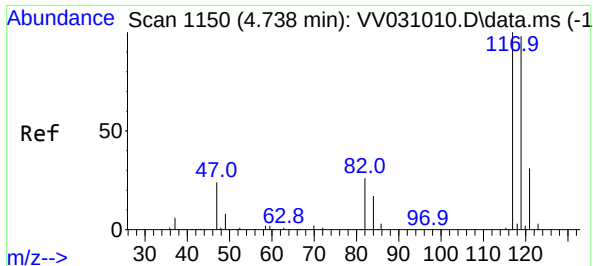
Tgt Ion: 97 Resp: 80450
Ion Ratio Lower Upper
97 100
99 65.5 51.4 77.2
61 44.6 37.4 56.0



#30
Cyclohexane
Concen: 4.132 ug/L
RT: 4.590 min Scan# 1104
Delta R.T. 0.003 min
Lab File: VV031010.D
Acq: 11 May 2023 09:42

Tgt Ion: 56 Resp: 49979
Ion Ratio Lower Upper
56 100
69 32.9 25.0 37.6
84 95.3 74.2 111.2

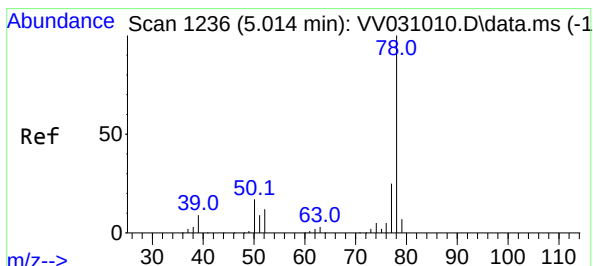
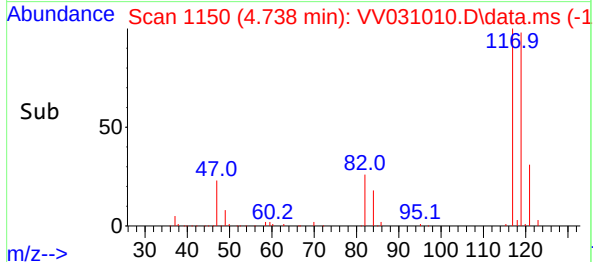
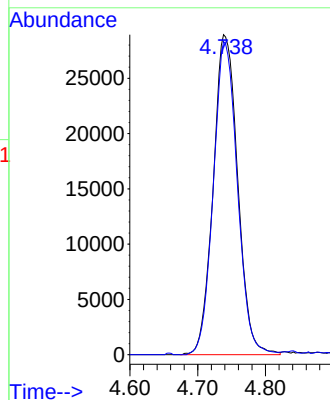
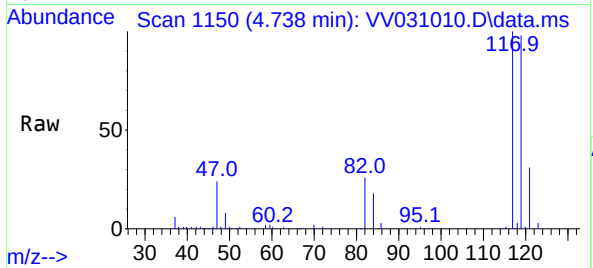




#31
Carbon tetrachloride
Concen: 5.053 ug/L
RT: 4.738 min Scan# 1150
Delta R.T. -0.006 min
Lab File: VV031010.D
Acq: 11 May 2023 09:42

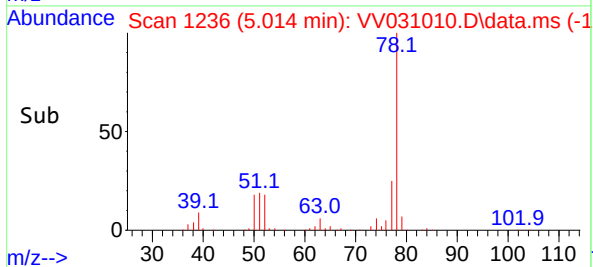
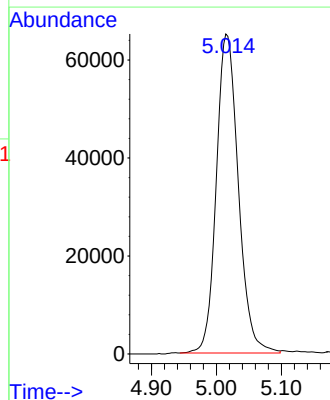
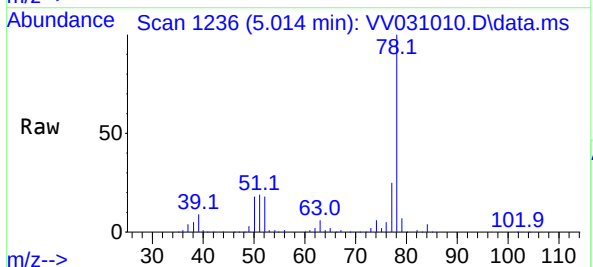
Instrument :
MSVOA_V
ClientSampleId :
VSTD005346

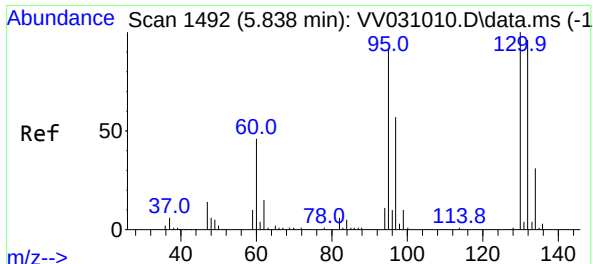
Tgt Ion:117 Resp: 72692
Ion Ratio Lower Upper
117 100
119 95.9 78.4 117.6



#33
Benzene
Concen: 4.771 ug/L
RT: 5.014 min Scan# 1236
Delta R.T. -0.003 min
Lab File: VV031010.D
Acq: 11 May 2023 09:42

Tgt Ion: 78 Resp: 152960

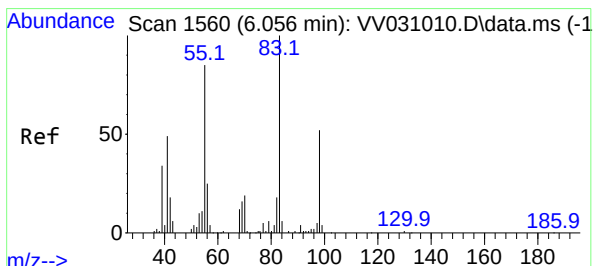
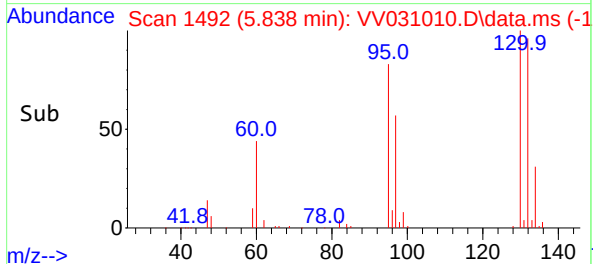
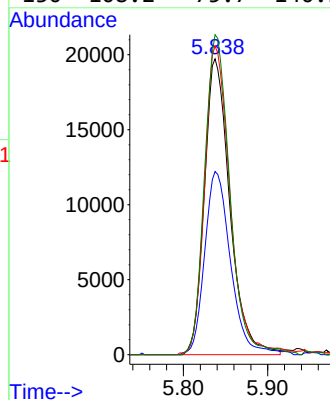
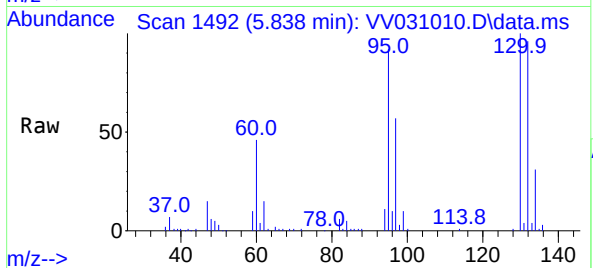




#34
Trichloroethene
Concen: 4.854 ug/L
RT: 5.838 min Scan# 1492
Delta R.T. -0.003 min
Lab File: VV031010.D
Acq: 11 May 2023 09:42

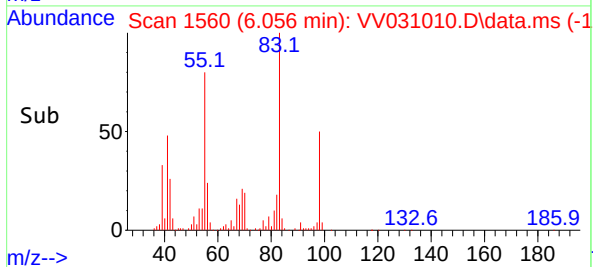
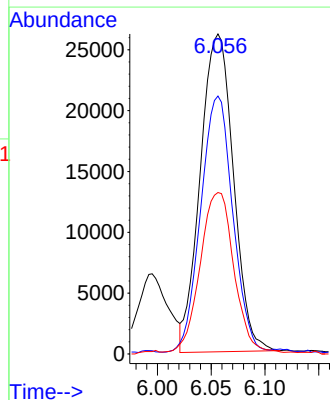
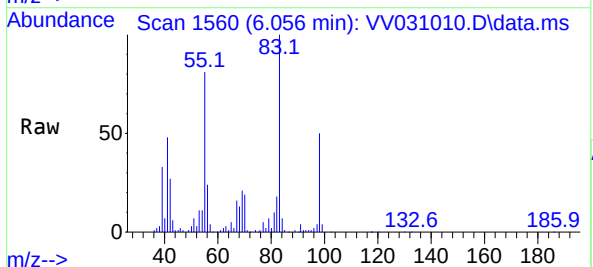
Instrument :
MSVOA_V
ClientSampleId :
VSTD005346

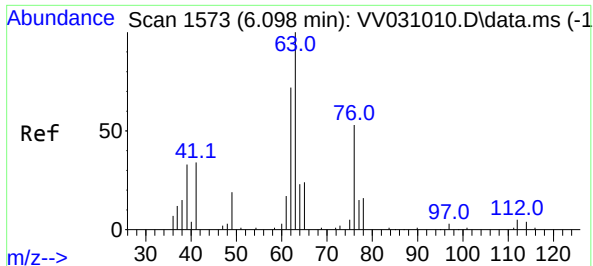
Tgt Ion: 95 Resp: 41480
Ion Ratio Lower Upper
95 100
97 61.9 46.2 85.8
132 104.3 72.7 135.1
130 108.2 75.7 140.5



#35
Methylcyclohexane
Concen: 4.235 ug/L
RT: 6.056 min Scan# 1560
Delta R.T. 0.000 min
Lab File: VV031010.D
Acq: 11 May 2023 09:42

Tgt Ion: 83 Resp: 56083
Ion Ratio Lower Upper
83 100
55 78.0 62.9 94.3
98 50.7 40.5 60.7

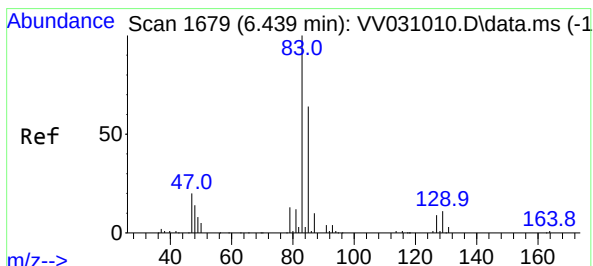
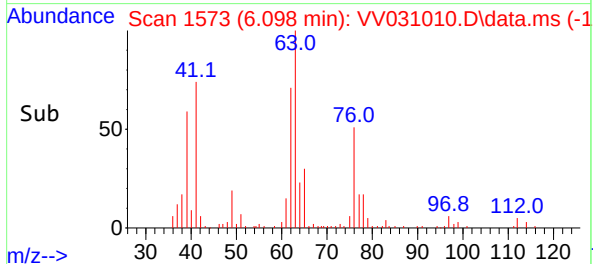
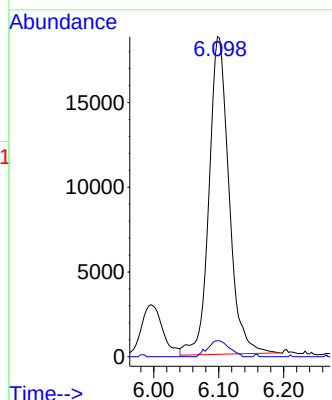
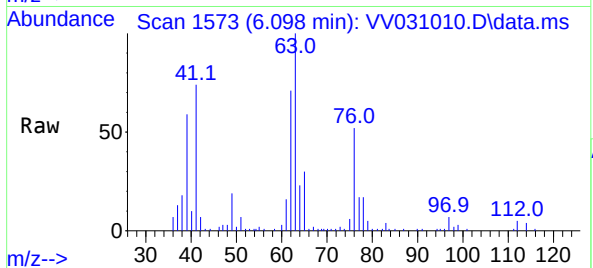




#37
1,2-Dichloropropane
Concen: 5.264 ug/L
RT: 6.098 min Scan# 11
Delta R.T. -0.003 min
Lab File: VV031010.D
Acq: 11 May 2023 09:42

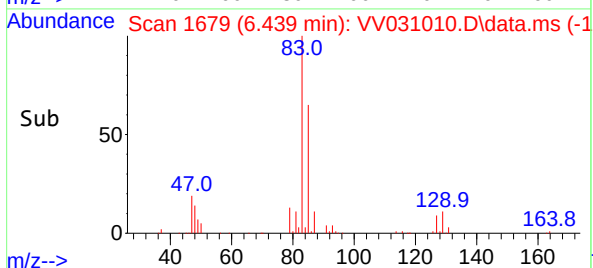
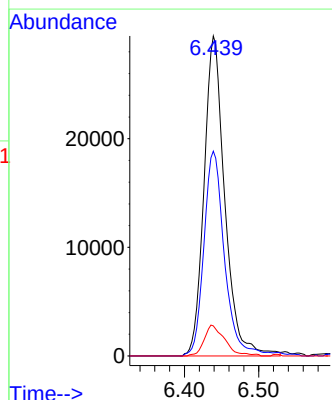
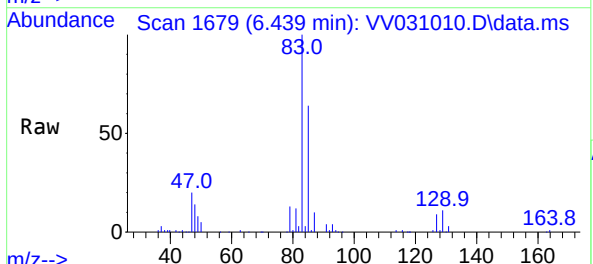
Instrument :
MSVOA_V
ClientSampleId :
VSTD005346

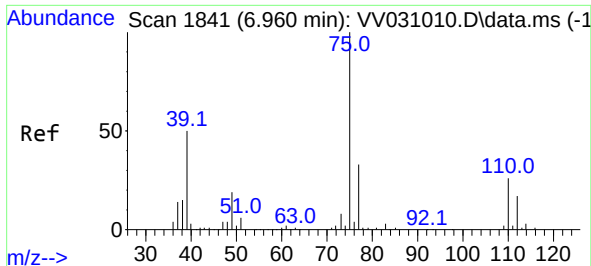
Tgt Ion: 63 Resp: 40032
Ion Ratio Lower Upper
63 100
112 5.4 3.8 5.8



#38
Bromodichloromethane
Concen: 5.148 ug/L
RT: 6.439 min Scan# 1679
Delta R.T. 0.000 min
Lab File: VV031010.D
Acq: 11 May 2023 09:42

Tgt Ion: 83 Resp: 57303
Ion Ratio Lower Upper
83 100
85 64.0 44.4 82.4
127 9.4 6.6 9.8

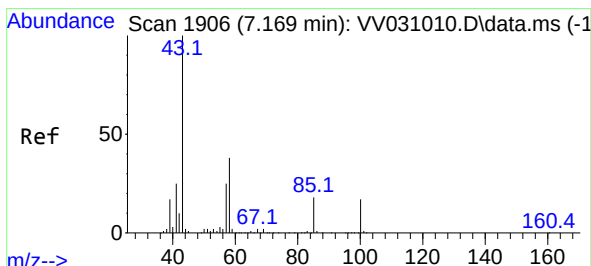
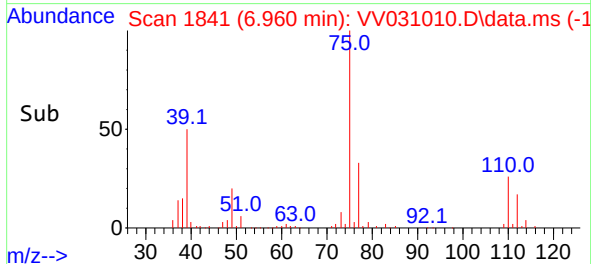
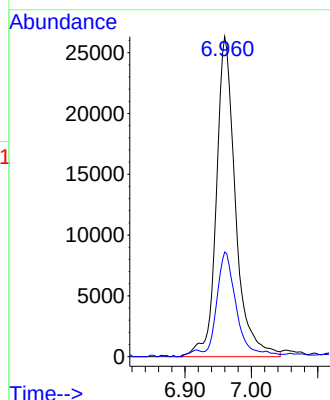
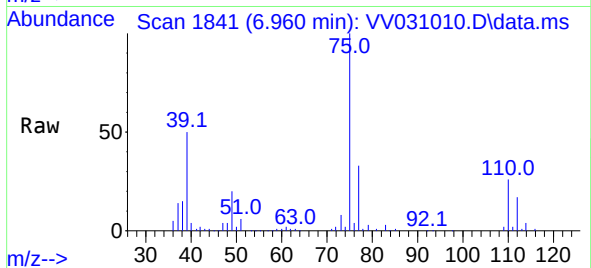




#39
cis-1,3-Dichloropropene
Concen: 4.633 ug/L
RT: 6.960 min Scan# 1841
Delta R.T. 0.000 min
Lab File: VV031010.D
Acq: 11 May 2023 09:42

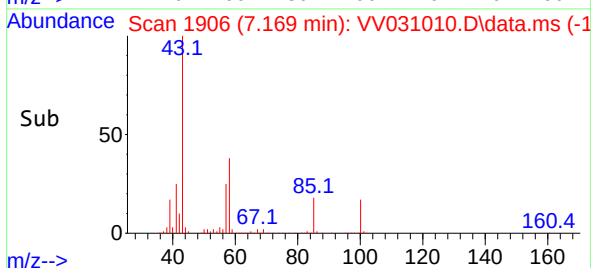
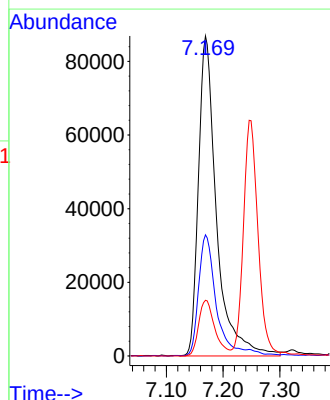
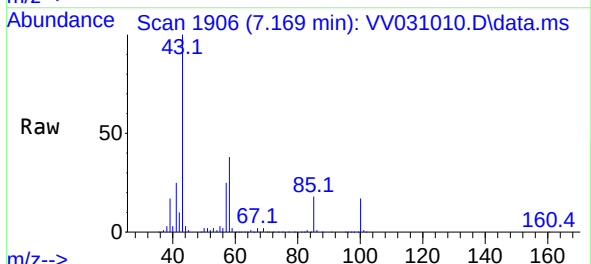
Instrument :
MSVOA_V
ClientSampleId :
VSTD005346

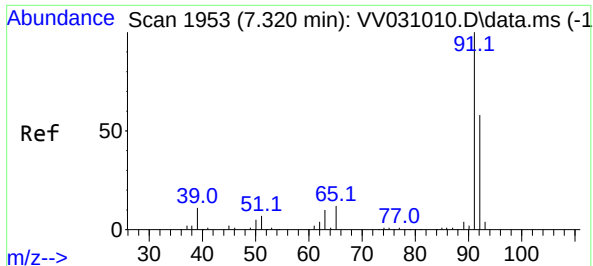
Tgt Ion: 75 Resp: 52771
Ion Ratio Lower Upper
75 100
77 32.7 22.6 42.0



#40
4-Methyl-2-pentanone
Concen: 48.775 ug/L
RT: 7.169 min Scan# 1906
Delta R.T. 0.000 min
Lab File: VV031010.D
Acq: 11 May 2023 09:42

Tgt Ion: 43 Resp: 192181
Ion Ratio Lower Upper
43 100
58 35.8 28.3 42.5
100 15.8 11.8 17.8





#42

Toluene

Concen: 5.105 ug/L

RT: 7.320 min Scan# 1953

Delta R.T. -0.003 min

Lab File: VV031010.D

Acq: 11 May 2023 09:42

Instrument :

MSVOA_V

ClientSampleId :

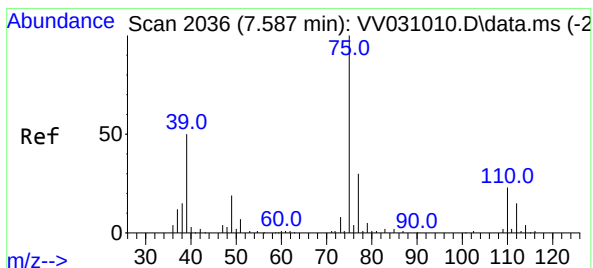
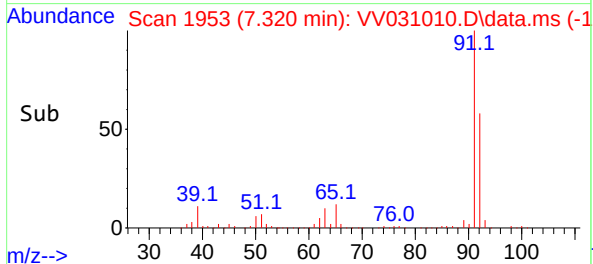
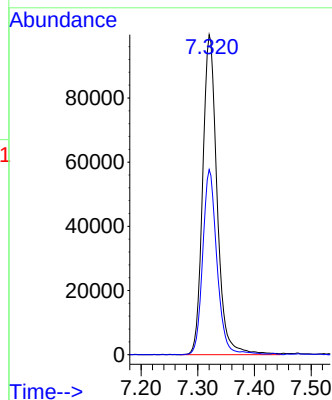
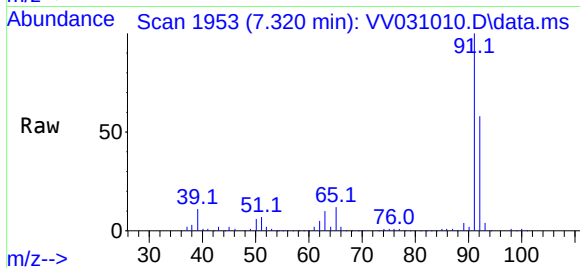
VSTD005346

Tgt Ion: 91 Resp: 176192

Ion Ratio Lower Upper

91 100

92 57.8 40.5 75.1



#44

trans-1,3-Dichloropropene

Concen: 4.832 ug/L

RT: 7.587 min Scan# 2036

Delta R.T. -0.003 min

Lab File: VV031010.D

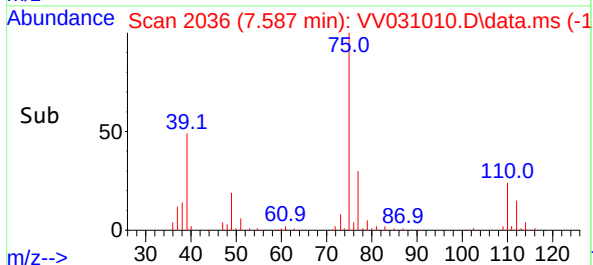
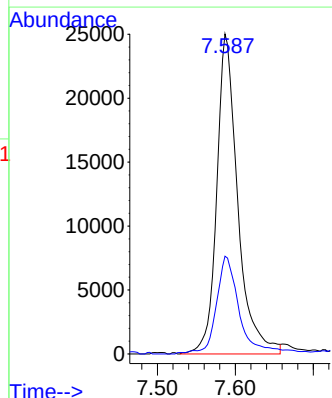
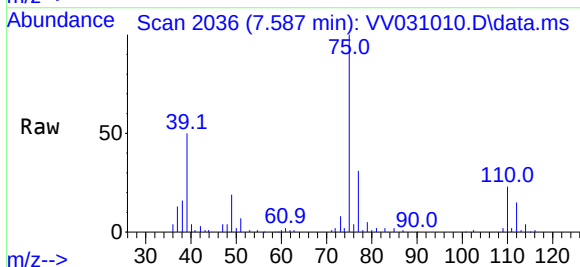
Acq: 11 May 2023 09:42

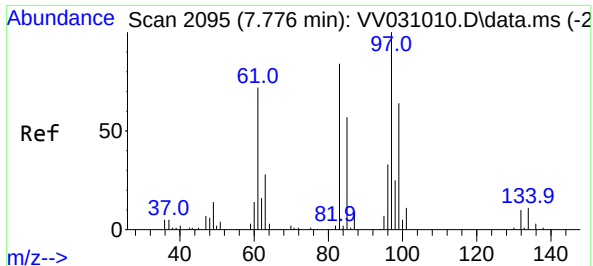
Tgt Ion: 75 Resp: 46891

Ion Ratio Lower Upper

75 100

77 30.6 21.6 40.0



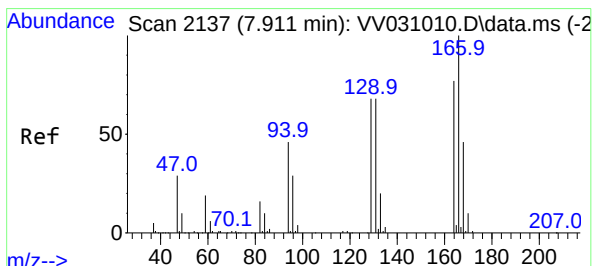
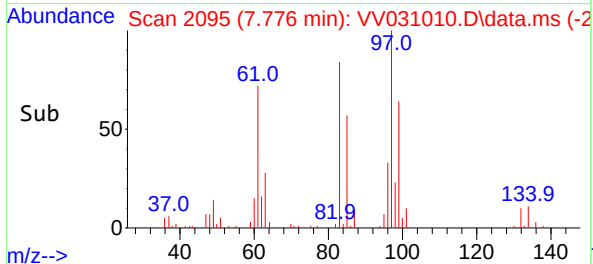
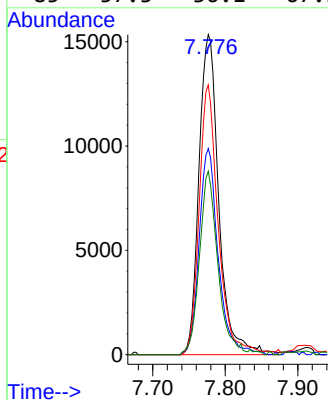
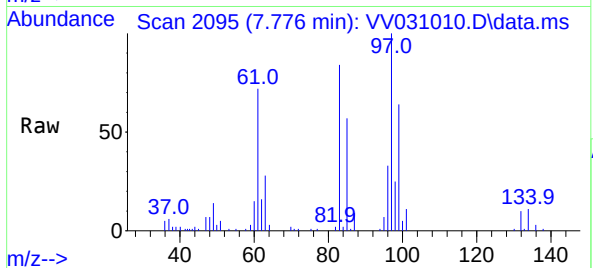


#45
1,1,2-Trichloroethane
Concen: 5.185 ug/L
RT: 7.776 min Scan# 2095
Delta R.T. 0.000 min
Lab File: VV031010.D
Acq: 11 May 2023 09:42

Instrument :
MSVOA_V
ClientSampleId :
VSTD005346

Tgt Ion: 97 Resp: 29255

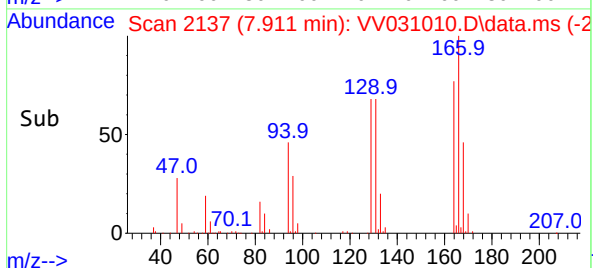
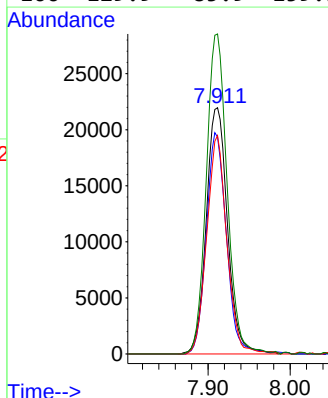
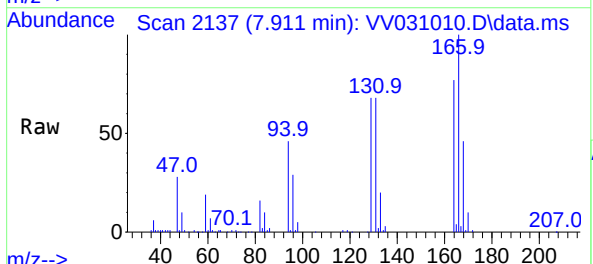
Ion	Ratio	Lower	Upper
97	100		
99	64.4	42.8	79.6
83	84.3	57.5	106.7
85	57.3	36.1	67.1

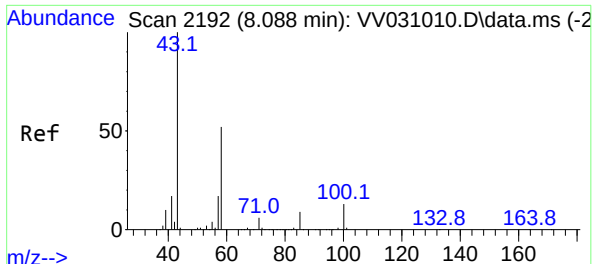


#47
Tetrachloroethene
Concen: 4.851 ug/L
RT: 7.911 min Scan# 2137
Delta R.T. 0.000 min
Lab File: VV031010.D
Acq: 11 May 2023 09:42

Tgt Ion: 164 Resp: 39548

Ion	Ratio	Lower	Upper
164	100		
129	88.1	60.5	112.3
131	88.7	60.8	112.8
166	129.9	85.9	159.5



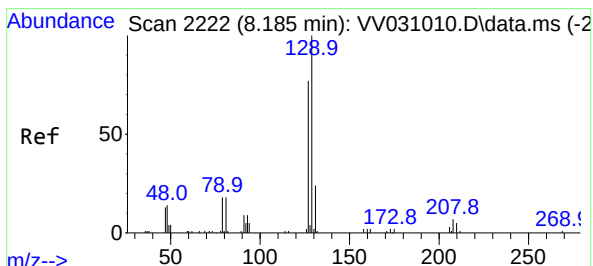
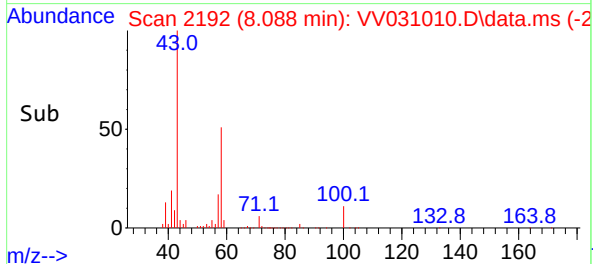
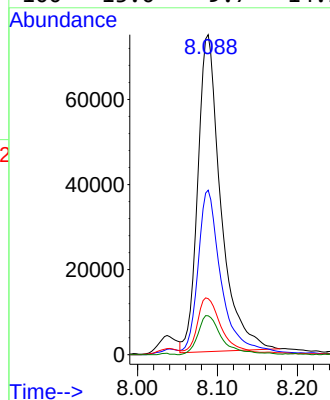
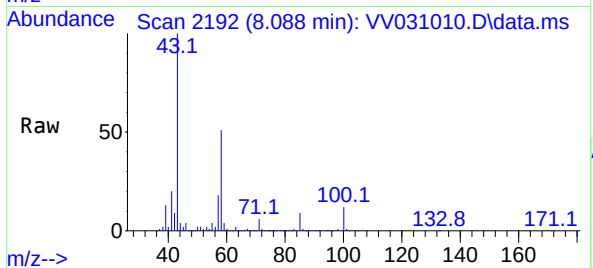


#48
2-Hexanone
Concen: 49.563 ug/L
RT: 8.088 min Scan# 2192
Delta R.T. 0.003 min
Lab File: VV031010.D
Acq: 11 May 2023 09:42

Instrument :
MSVOA_V
ClientSampleId :
VSTD005346

Tgt Ion: 43 Resp: 149782

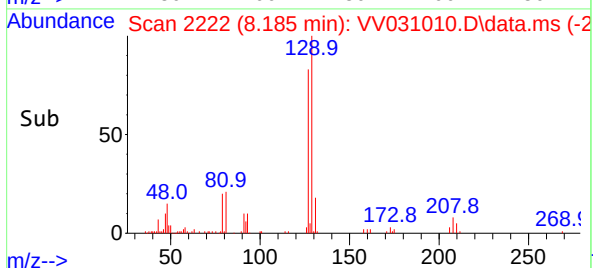
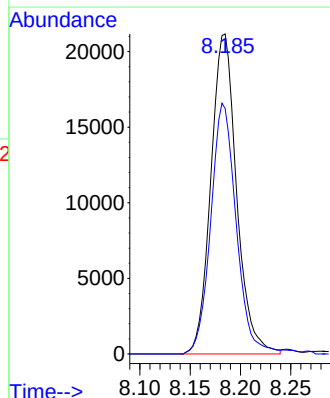
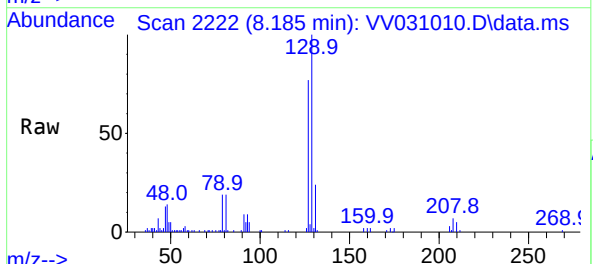
Ion	Ratio	Lower	Upper
43	100		
58	52.3	39.9	59.9
57	17.8	14.1	21.1
100	13.0	9.7	14.5

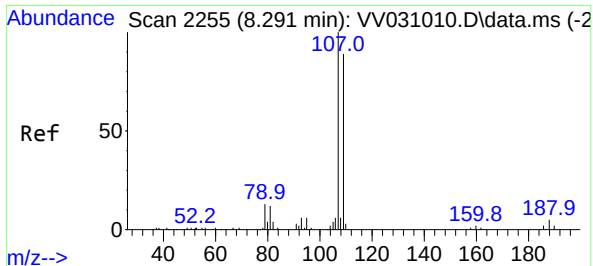


#49
Dibromochloromethane
Concen: 5.315 ug/L
RT: 8.185 min Scan# 2222
Delta R.T. 0.000 min
Lab File: VV031010.D
Acq: 11 May 2023 09:42

Tgt Ion: 129 Resp: 37731

Ion	Ratio	Lower	Upper
129	100		
127	76.7	55.3	102.7

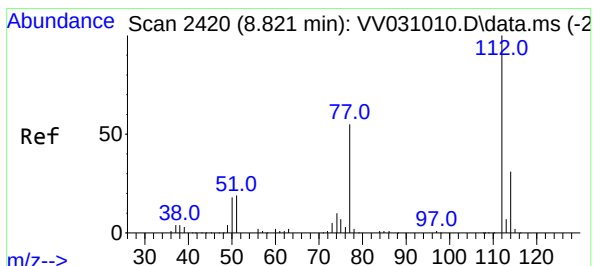
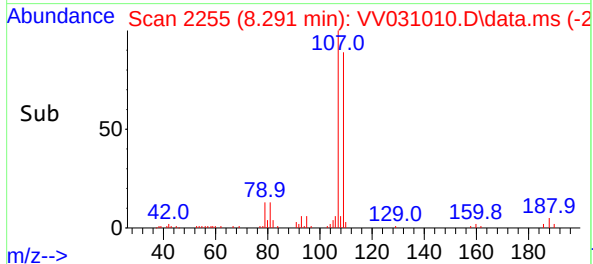
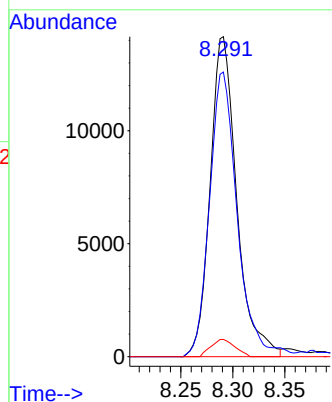
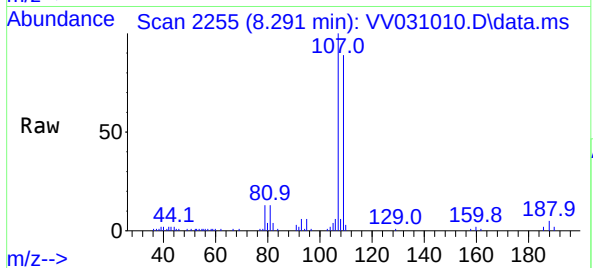




#50
1,2-Dibromoethane
Concen: 5.004 ug/L
RT: 8.291 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV031010.D
Acq: 11 May 2023 09:42

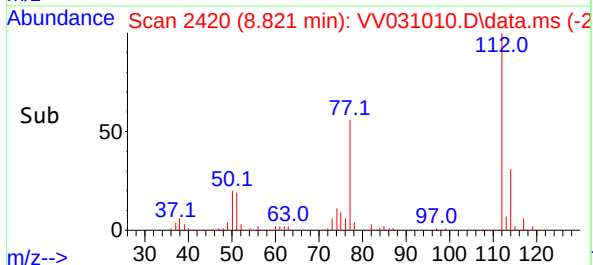
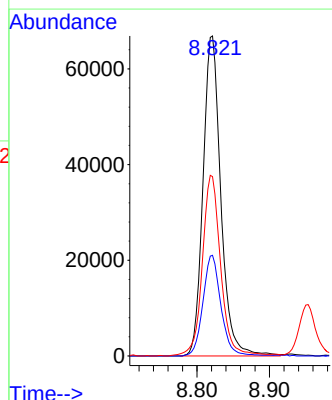
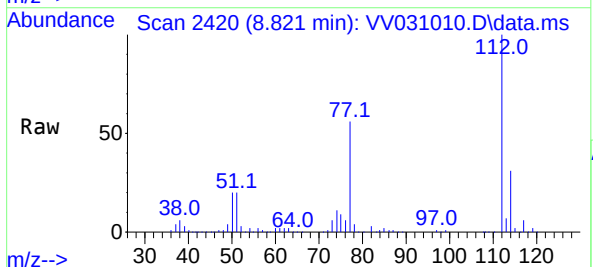
Instrument :
MSVOA_V
ClientSampleId :
VSTD005346

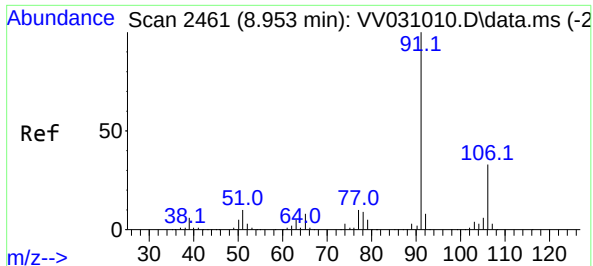
Tgt Ion:107 Resp: 25183
Ion Ratio Lower Upper
107 100
109 88.9 64.9 120.5
188 5.4 3.2 4.8#



#51
Chlorobenzene
Concen: 4.899 ug/L
RT: 8.821 min Scan# 2420
Delta R.T. 0.000 min
Lab File: VV031010.D
Acq: 11 May 2023 09:42

Tgt Ion:112 Resp: 114638
Ion Ratio Lower Upper
112 100
114 31.5 22.5 41.9
77 56.1 45.3 67.9

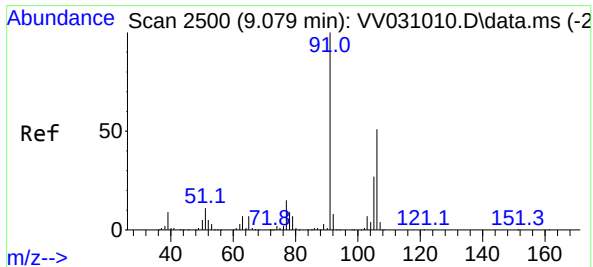
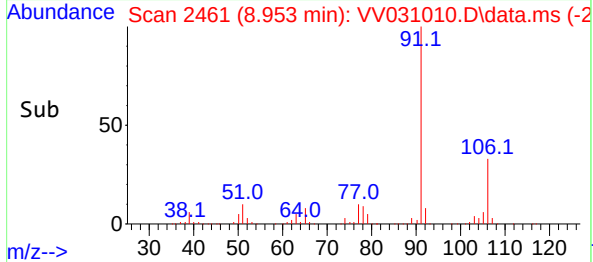
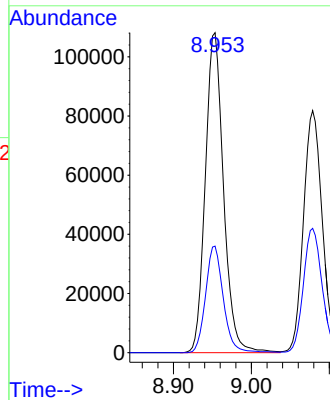
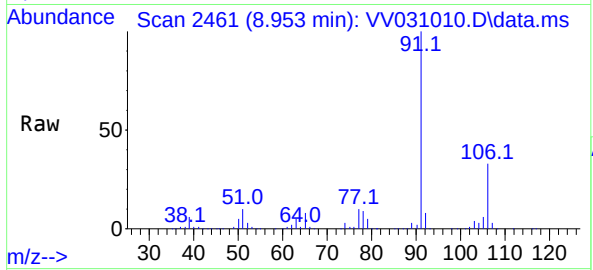




#52
Ethylbenzene
Concen: 4.671 ug/L
RT: 8.953 min Scan# 2461
Delta R.T. 0.000 min
Lab File: VV031010.D
Acq: 11 May 2023 09:42

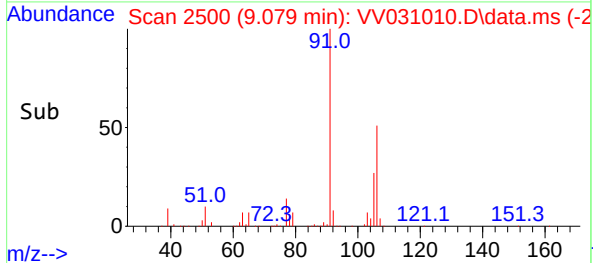
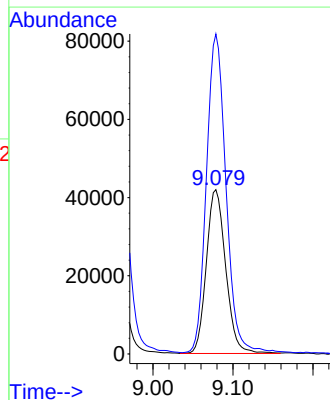
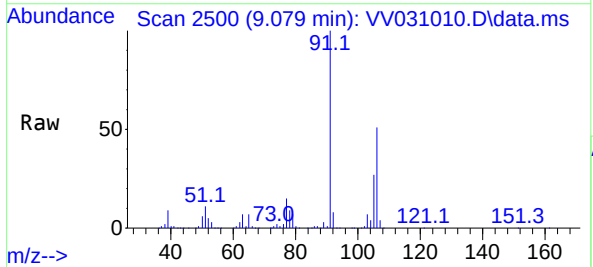
Instrument :
MSVOA_V
ClientSampleId :
VSTD005346

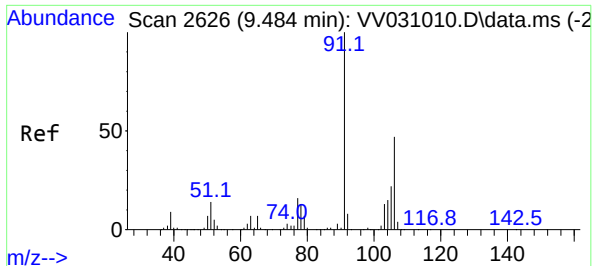
Tgt Ion: 91 Resp: 175778
Ion Ratio Lower Upper
91 100
106 33.3 21.4 39.8



#53
m,p-Xylene
Concen: 4.700 ug/L
RT: 9.079 min Scan# 2500
Delta R.T. 0.000 min
Lab File: VV031010.D
Acq: 11 May 2023 09:42

Tgt Ion: 106 Resp: 70582
Ion Ratio Lower Upper
106 100
91 194.7 138.7 257.5

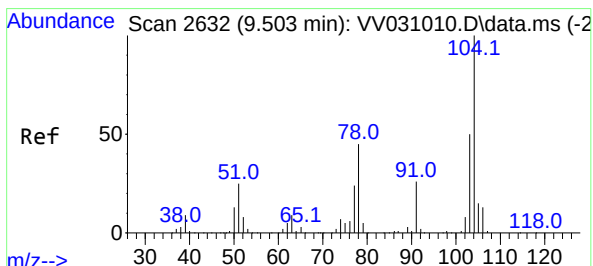
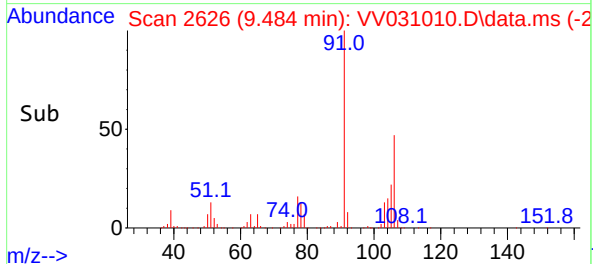
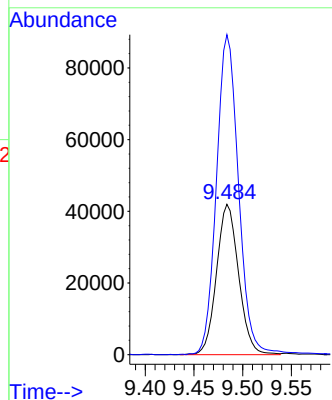
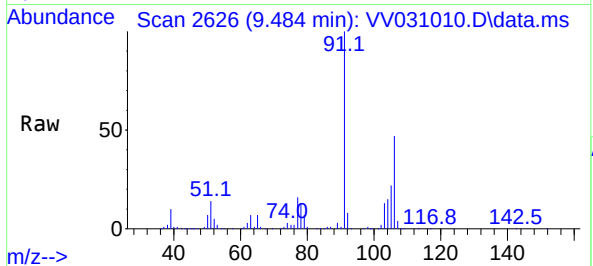




#54
o-Xylene
Concen: 4.633 ug/L
RT: 9.484 min Scan# 2626
Delta R.T. 0.000 min
Lab File: VV031010.D
Acq: 11 May 2023 09:42

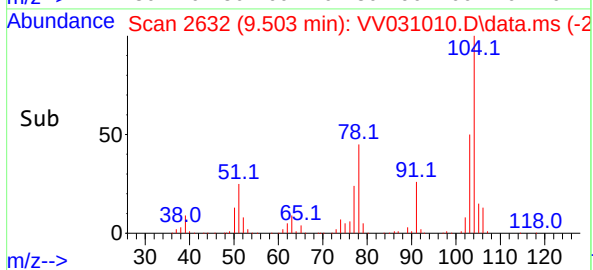
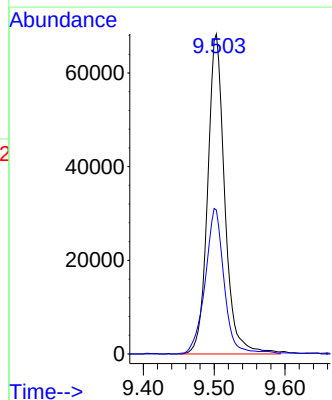
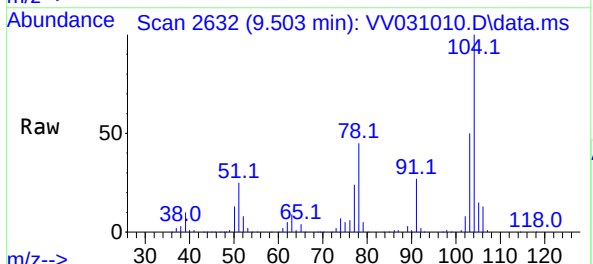
Instrument :
MSVOA_V
ClientSampleId :
VSTD005346

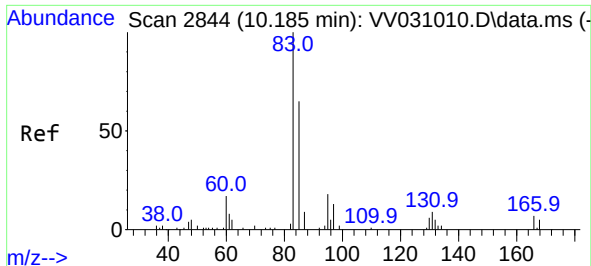
Tgt Ion:106 Resp: 66218
Ion Ratio Lower Upper
106 100
91 212.8 145.1 269.5



#55
Styrene
Concen: 4.746 ug/L
RT: 9.503 min Scan# 2632
Delta R.T. 0.000 min
Lab File: VV031010.D
Acq: 11 May 2023 09:42

Tgt Ion:104 Resp: 114461
Ion Ratio Lower Upper
104 100
78 45.0 31.4 58.2





#57

1,1,2,2-Tetrachloroethane

Concen: 5.096 ug/L

RT: 10.185 min Scan# 2844

Delta R.T. -0.003 min

Lab File: VV031010.D

Acq: 11 May 2023 09:42

Instrument :

MSVOA_V

ClientSampleId :

VSTD005346

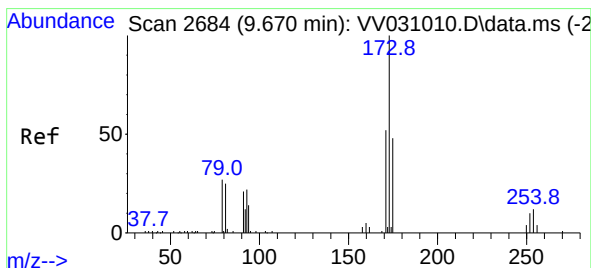
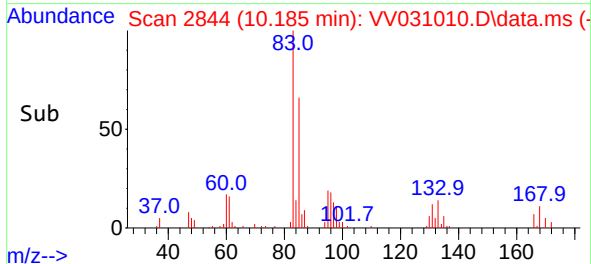
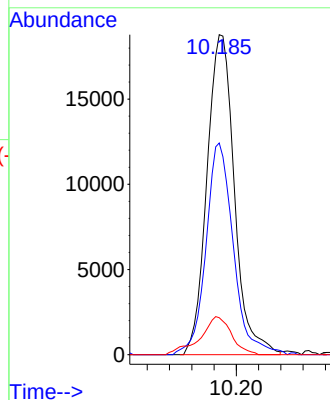
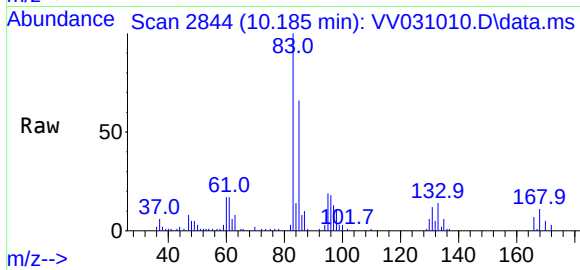
Tgt Ion: 83 Resp: 32139

Ion Ratio Lower Upper

83 100

85 66.1 45.2 84.0

131 11.5 8.3 12.5



#59

Bromoform

Concen: 5.422 ug/L

RT: 9.670 min Scan# 2684

Delta R.T. -0.003 min

Lab File: VV031010.D

Acq: 11 May 2023 09:42

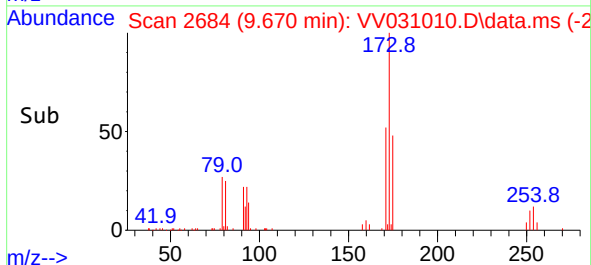
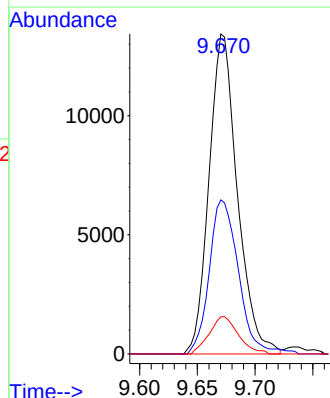
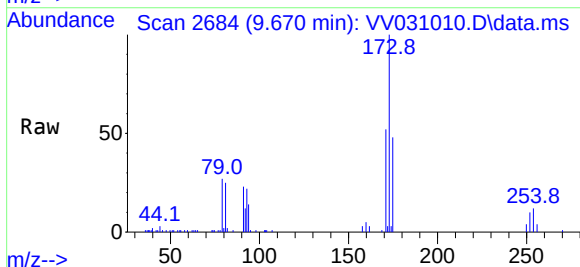
Tgt Ion: 173 Resp: 22930

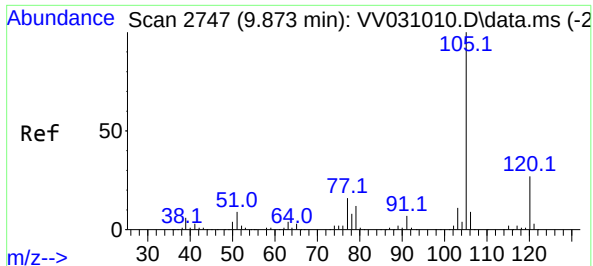
Ion Ratio Lower Upper

173 100

175 49.6 39.9 59.9

254 12.0 9.7 14.5

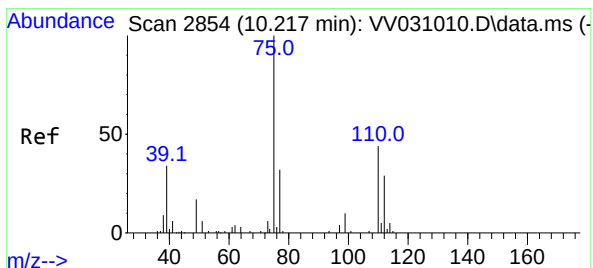
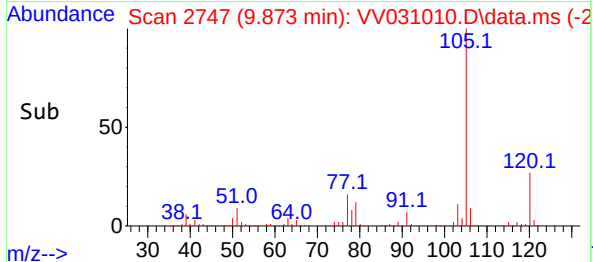
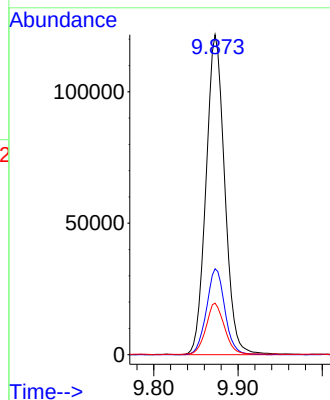
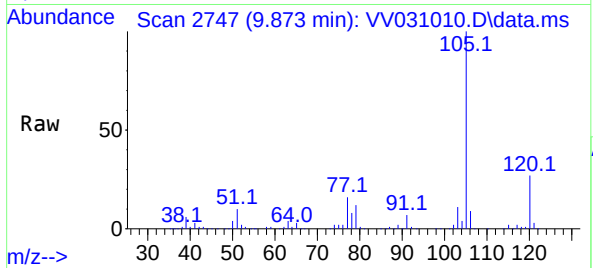




#60
Isopropylbenzene
Concen: 4.857 ug/L
RT: 9.873 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV031010.D
Acq: 11 May 2023 09:42

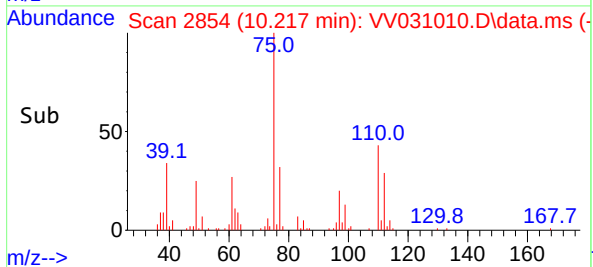
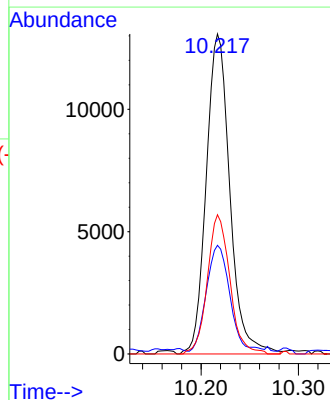
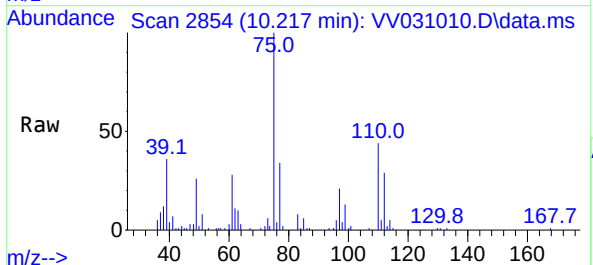
Instrument :
MSVOA_V
ClientSampleId :
VSTD005346

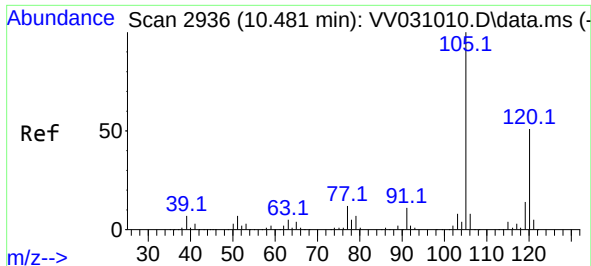
Tgt Ion:105 Resp: 188157
Ion Ratio Lower Upper
105 100
120 26.4 22.2 33.4
77 15.8 13.0 19.6



#61
1,2,3-Trichloropropane
Concen: 4.879 ug/L
RT: 10.217 min Scan# 2854
Delta R.T. 0.000 min
Lab File: VV031010.D
Acq: 11 May 2023 09:42

Tgt Ion: 75 Resp: 22021
Ion Ratio Lower Upper
75 100
77 32.6 25.3 37.9
110 41.4 34.0 51.0

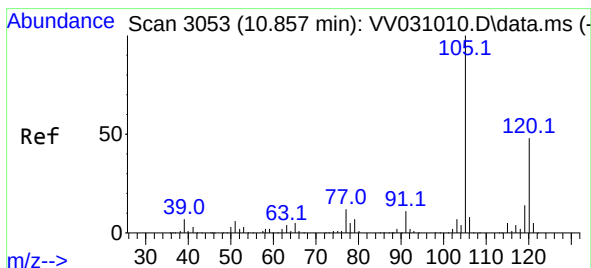
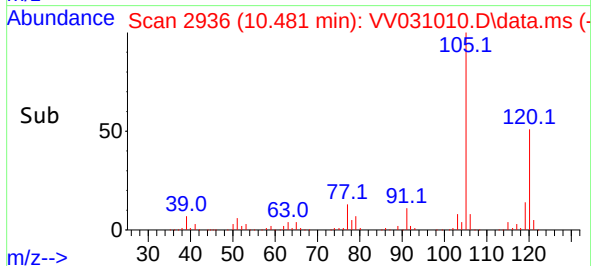
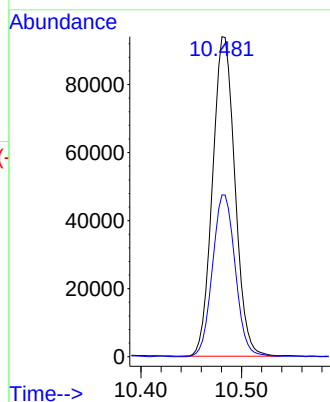
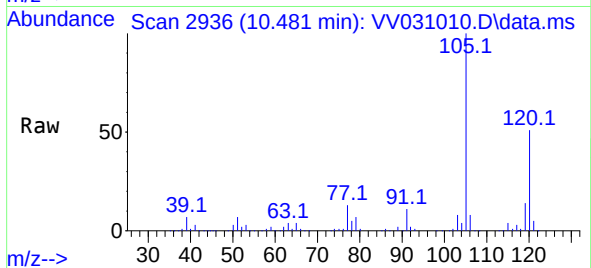




#62
1,3,5-Trimethylbenzene
Concen: 4.618 ug/L
RT: 10.481 min Scan# 2936
Delta R.T. -0.003 min
Lab File: VV031010.D
Acq: 11 May 2023 09:42

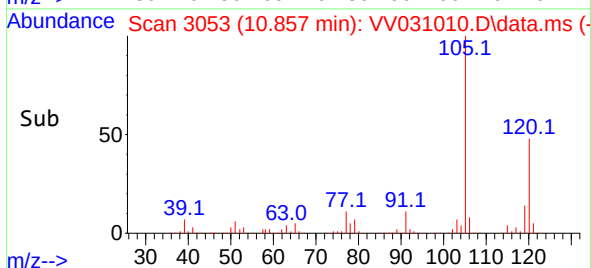
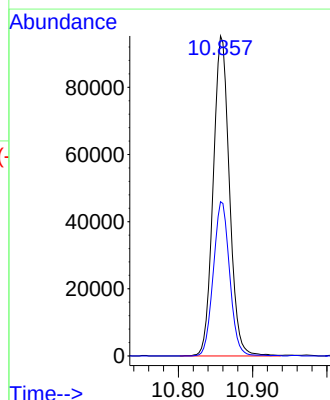
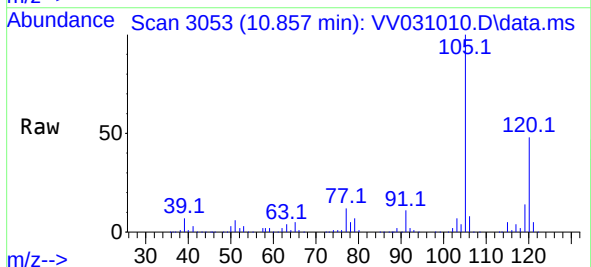
Instrument :
MSVOA_V
ClientSampleId :
VSTD005346

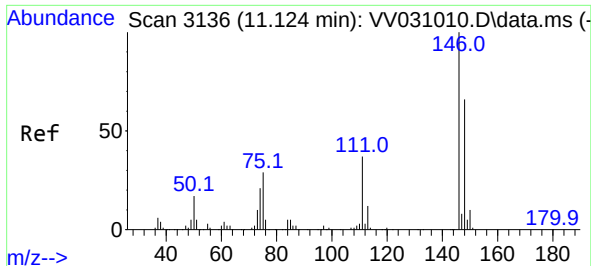
Tgt Ion:105 Resp: 145620
Ion Ratio Lower Upper
105 100
120 51.6 40.2 60.4



#63
1,2,4-Trimethylbenzene
Concen: 4.526 ug/L
RT: 10.857 min Scan# 3053
Delta R.T. -0.003 min
Lab File: VV031010.D
Acq: 11 May 2023 09:42

Tgt Ion:105 Resp: 144620
Ion Ratio Lower Upper
105 100
120 48.4 37.9 56.9

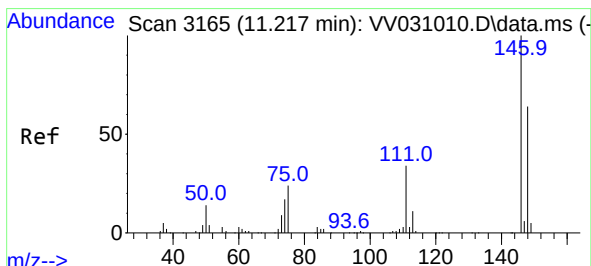
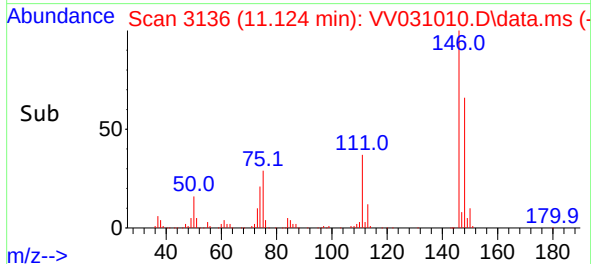
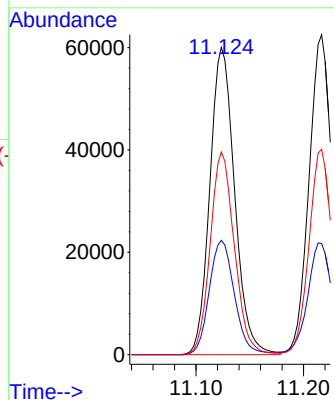
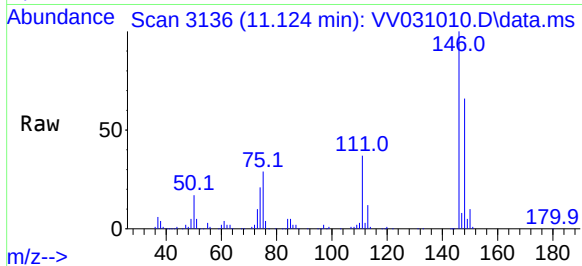




#64
1,3-Dichlorobenzene
Concen: 4.835 ug/L
RT: 11.124 min Scan# 3136
Delta R.T. 0.000 min
Lab File: VV031010.D
Acq: 11 May 2023 09:42

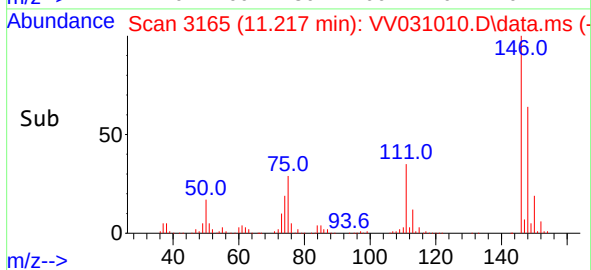
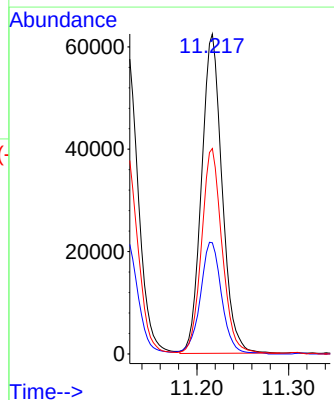
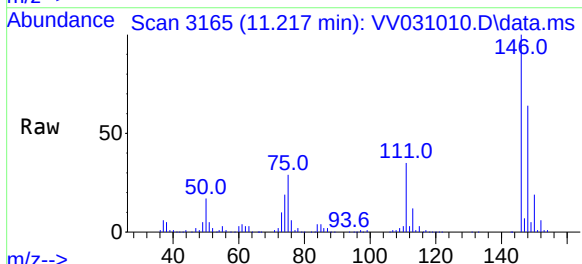
Instrument :
MSVOA_V
ClientSampleId :
VSTD005346

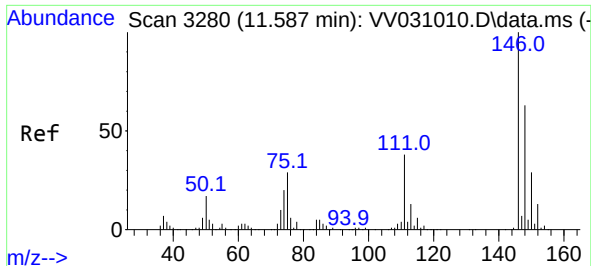
Tgt Ion:146 Resp: 96194
Ion Ratio Lower Upper
146 100
111 37.2 26.5 49.3
148 65.9 43.4 80.6



#65
1,4-Dichlorobenzene
Concen: 4.840 ug/L
RT: 11.217 min Scan# 3165
Delta R.T. 0.000 min
Lab File: VV031010.D
Acq: 11 May 2023 09:42

Tgt Ion:146 Resp: 97133
Ion Ratio Lower Upper
146 100
111 34.8 23.9 44.5
148 64.2 42.8 79.6

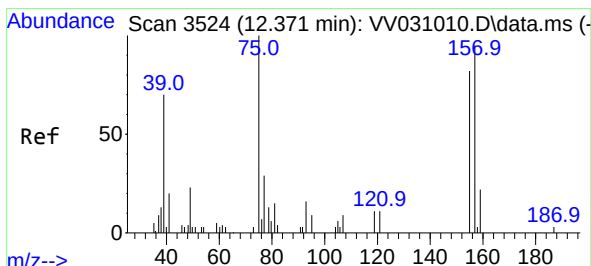
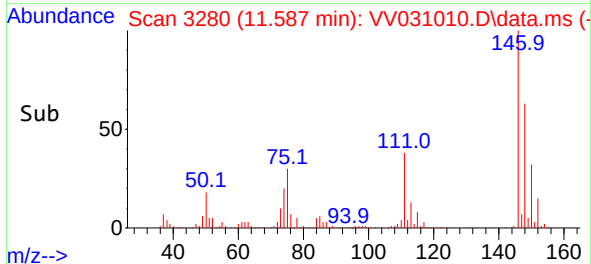
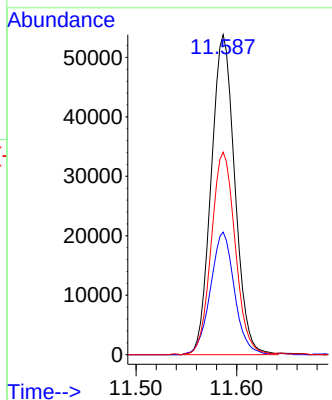
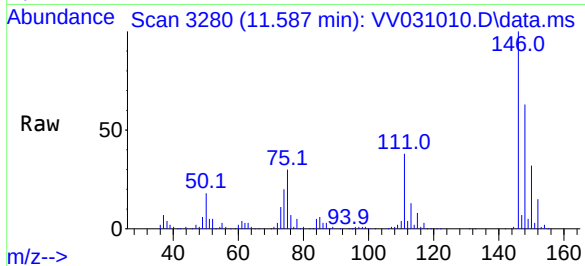




#67
1,2-Dichlorobenzene
Concen: 4.906 ug/L
RT: 11.587 min Scan# 311
Delta R.T. 0.000 min
Lab File: VV031010.D
Acq: 11 May 2023 09:42

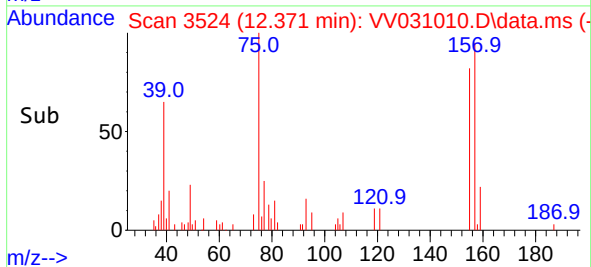
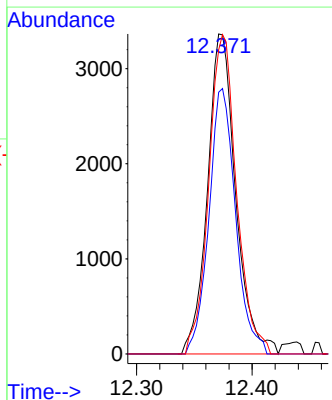
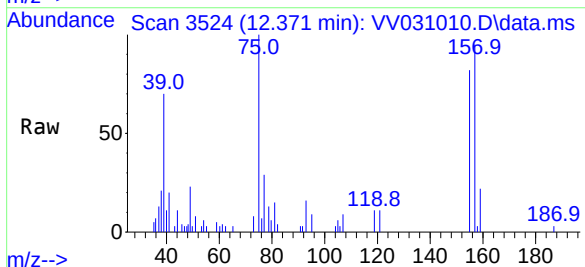
Instrument :
MSVOA_V
ClientSampleId :
VSTD005346

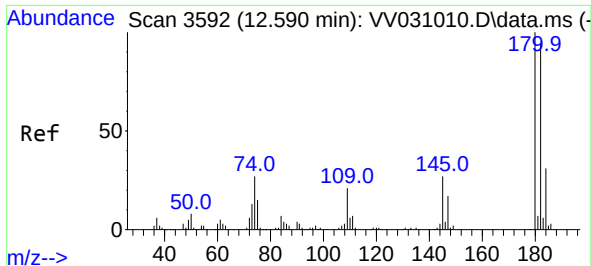
Tgt Ion:146 Resp: 87769
Ion Ratio Lower Upper
146 100
111 38.3 34.0 51.0
148 63.3 53.8 80.6



#68
1,2-Dibromo-3-chloropropane
Concen: 4.982 ug/L
RT: 12.371 min Scan# 3524
Delta R.T. -0.003 min
Lab File: VV031010.D
Acq: 11 May 2023 09:42

Tgt Ion: 75 Resp: 5707
Ion Ratio Lower Upper
75 100
155 81.8 56.2 84.4
157 95.0 83.1 124.7

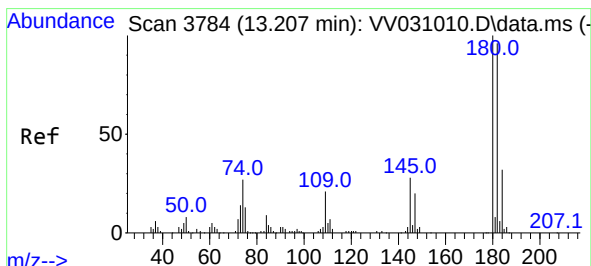
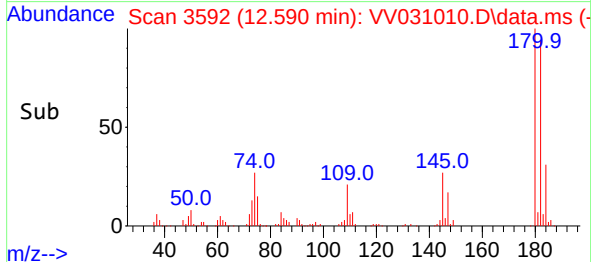
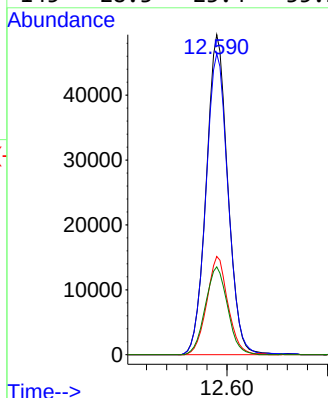
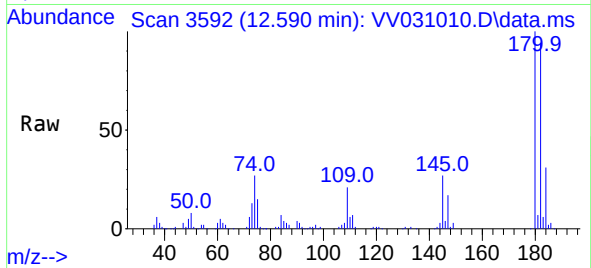




#69
 1,3,5-Trichlorobenzene
 Concen: 4.652 ug/L
 RT: 12.590 min Scan# 3592
 Delta R.T. 0.000 min
 Lab File: VV031010.D
 Acq: 11 May 2023 09:42

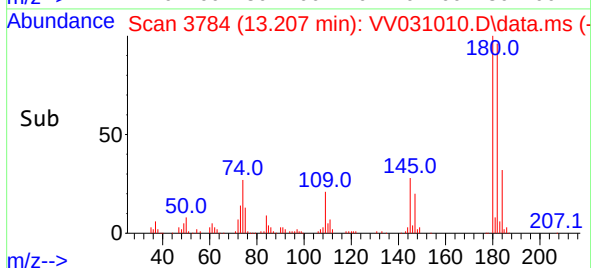
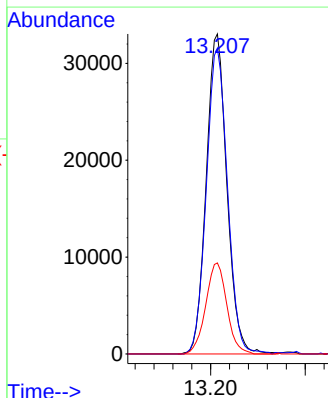
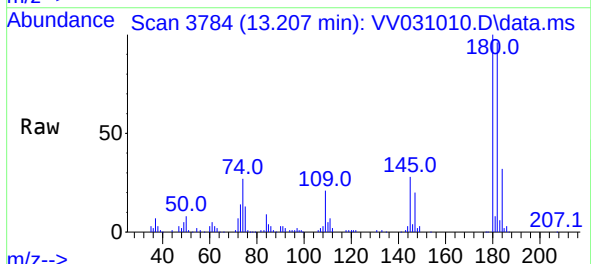
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005346

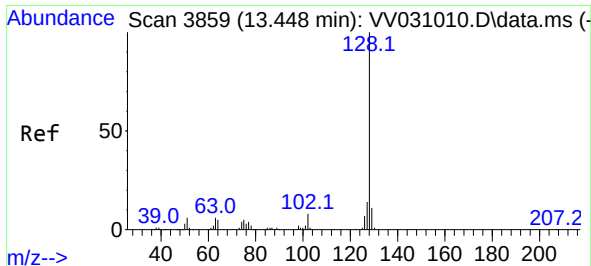
Tgt Ion:180	Resp:	73271
Ion Ratio	Lower	Upper
180	100	
182	97.2	75.1 112.7
184	30.2	24.1 36.1
145	28.3	23.4 35.2



#70
 1,2,4-trichlorobenzene
 Concen: 4.143 ug/L
 RT: 13.207 min Scan# 3784
 Delta R.T. 0.000 min
 Lab File: VV031010.D
 Acq: 11 May 2023 09:42

Tgt Ion:180	Resp:	50144
Ion Ratio	Lower	Upper
180	100	
182	97.7	76.0 114.0
145	29.1	22.9 34.3

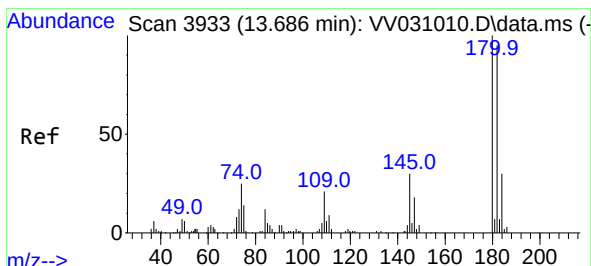
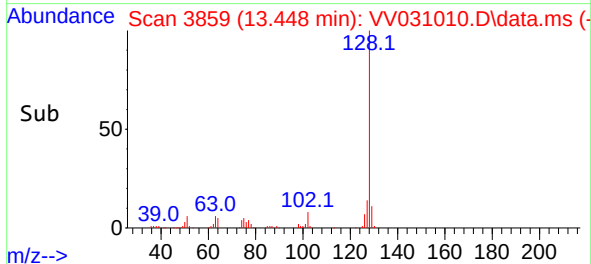
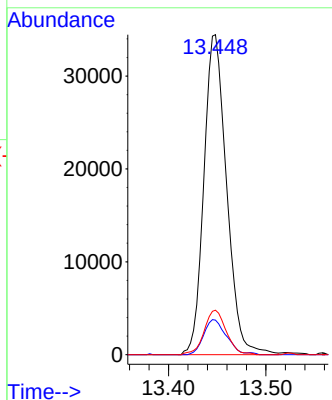
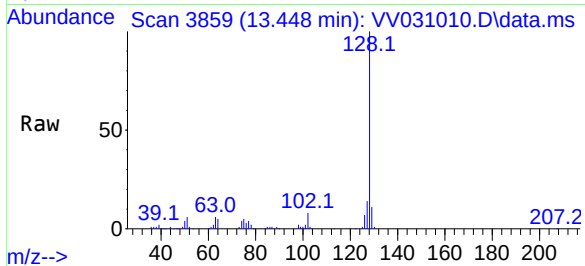




#71
Naphthalene
Concen: 3.220 ug/L
RT: 13.448 min Scan# 3859
Delta R.T. 0.000 min
Lab File: VV031010.D
Acq: 11 May 2023 09:42

Instrument :
MSVOA_V
ClientSampleId :
VSTD005346

Tgt Ion:128 Resp: 55885
Ion Ratio Lower Upper
128 100
129 11.0 8.6 13.0
127 0.0 10.6 16.0#



#72
1,2,3-Trichlorobenzene
Concen: 4.099 ug/L
RT: 13.686 min Scan# 3933
Delta R.T. -0.003 min
Lab File: VV031010.D
Acq: 11 May 2023 09:42

Tgt Ion:180 Resp: 42003
Ion Ratio Lower Upper
180 100
182 97.0 77.3 115.9
145 29.3 24.7 37.1

