

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW042523\
 Data File : VW030824.D
 Acq On : 25 Apr 2023 09:50
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050339

Quant Time: Apr 26 01:29:37 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM041723WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Apr 22 00:43:23 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.539	114	234916	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	229854	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	139434	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	76108	44.194	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	88.380%
7) Chloroethane-d5	1.536	69	63259	43.835	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	87.660%
11) 1,1-Dichloroethene-d2	2.066	65	37646	46.096	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.200%
21) 2-Butanone-d5	3.796	46	89822	94.961	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	94.960%
24) Chloroform-d	4.256	84	160833	51.534	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.060%
26) 1,2-Dichloroethane-d4	4.947	65	108867	54.258	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	108.520%
32) Benzene-d6	4.966	84	287954	52.987	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.980%
36) 1,2-Dichloropropane-d6	5.995	67	82213	48.702	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.400%
41) Toluene-d8	7.249	98	281824	55.234	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	110.460%
43) trans-1,3-Dichloroprop...	7.558	79	45029	52.924	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	105.840%
47) 2-Hexanone-d5	8.030	63	58590	88.106	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	88.110%
56) 1,1,2,2-Tetrachloroeth...	10.159	84	123510	50.423	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.840%
66) 1,2-Dichlorobenzene-d4	11.567	152	119469	53.906	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	107.820%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	94420	46.749	ug/L	99
3) Chloromethane	1.217	50	103876	39.207	ug/L	99
5) Vinyl chloride	1.288	62	94354	44.172	ug/L	99
6) Bromomethane	1.491	94	45423	53.628	ug/L	99
8) Chloroethane	1.552	64	62106	42.391	ug/L	100
9) Trichlorofluoromethane	1.719	101	175559	50.711	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.072	101	90087	49.515	ug/L	99
12) 1,1-Dichloroethene	2.076	96	77941	47.383	ug/L	96
13) Acetone	2.124	43	193116	131.940	ug/L	99
14) Carbon disulfide	2.246	76	194393	41.840	ug/L	99
15) Methyl Acetate	2.378	43	85030	43.532	ug/L	98
16) Methylene chloride	2.455	84	93993	49.933	ug/L	98
17) trans-1,2-Dichloroethene	2.699	96	74739	45.008	ug/L	98
18) Methyl tert-butyl Ether	2.709	73	265050	49.831	ug/L	98
19) 1,1-Dichloroethane	3.117	63	153921	45.463	ug/L	99
20) cis-1,2-Dichloroethene	3.822	96	85327	47.236	ug/L	98
22) 2-Butanone	3.873	43	159017	105.130	ug/L	99
23) Bromochloromethane	4.153	128	47514	47.095	ug/L	96
25) Chloroform	4.281	83	171240	48.866	ug/L	99

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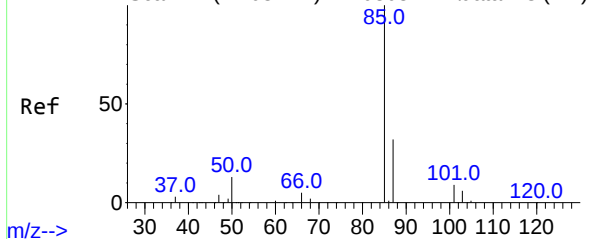
Instrument :
 MSVOA_V
 ClientSampleId :
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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM041723WMA.M
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.047	62	149611	50.436	ug/L	99
29) Cyclohexane	4.590	56	126916	46.011	ug/L	97
30) 1,1,1-Trichloroethane	4.519	97	156988	48.606	ug/L	100
31) Carbon tetrachloride	4.744	117	142664	49.405	ug/L	99
33) Benzene	5.018	78	337700	48.382	ug/L	100
34) Trichloroethene	5.838	95	87815	48.368	ug/L	97
35) Methylcyclohexane	6.056	83	138659	48.741	ug/L	98
37) 1,2-Dichloropropane	6.098	63	86893	46.252	ug/L	100
38) Bromodichloromethane	6.439	83	124086	47.018	ug/L	99
39) cis-1,3-Dichloropropene	6.960	75	132279	46.913	ug/L	98
40) 4-Methyl-2-pentanone	7.166	43	240841	91.773	ug/L	98
42) Toluene	7.320	91	374864	50.141	ug/L	98
44) trans-1,3-Dichloropropene	7.587	75	136857	49.403	ug/L	99
45) 1,1,2-Trichloroethane	7.773	97	88016	46.722	ug/L	100
46) Tetrachloroethene	7.912	164	80399	50.592	ug/L	96
48) 2-Hexanone	8.082	43	228887	105.703	ug/L	98
49) Dibromochloromethane	8.182	129	98009	47.167	ug/L	99
50) 1,2-Dibromoethane	8.288	107	92598	47.439	ug/L	100
51) Chlorobenzene	8.818	112	244443	49.369	ug/L	99
52) Ethylbenzene	8.953	91	411646	49.736	ug/L	99
53) m,p-Xylene	9.079	106	162722	52.050	ug/L	95
54) o-Xylene	9.484	106	154369	50.474	ug/L	98
55) Styrene	9.500	104	279438	52.014	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.185	83	139607	45.137	ug/L	100
59) Bromoform	9.670	173	79202	45.369	ug/L	99
60) Isopropylbenzene	9.873	105	432419	49.727	ug/L	99
61) 1,2,3-Trichloropropane	10.214	75	108919	43.614	ug/L	99
62) 1,3,5-Trimethylbenzene	10.484	105	358424	50.061	ug/L	99
63) 1,2,4-Trimethylbenzene	10.860	105	351256	49.136	ug/L	99
64) 1,3-Dichlorobenzene	11.124	146	221005	50.763	ug/L	99
65) 1,4-Dichlorobenzene	11.217	146	227402	49.533	ug/L	99
67) 1,2-Dichlorobenzene	11.587	146	217450	49.509	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.371	75	30852	41.698	ug/L	97
69) 1,3,5-Trichlorobenzene	12.590	180	169771	51.621	ug/L	99
70) 1,2,4-trichlorobenzene	13.207	180	144633	51.796	ug/L	99
71) Naphthalene	13.448	128	362347	47.437	ug/L	99
72) 1,2,3-Trichlorobenzene	13.689	180	145618	52.590	ug/L	99

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

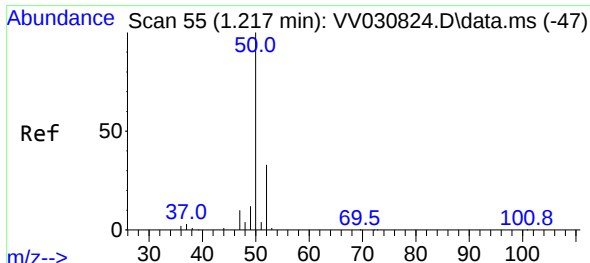
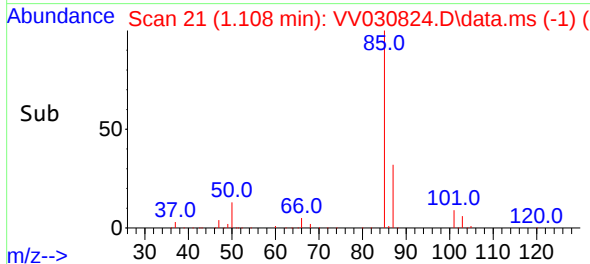
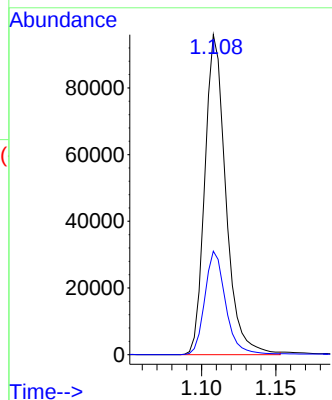
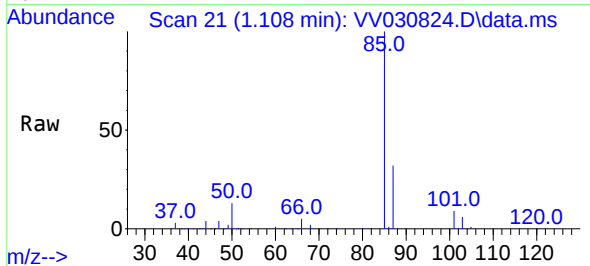
Abundance Scan 21 (1.108 min): VV030824.D\data.ms (-14)



#2
Dichlorodifluoromethane
Concen: 46.749 ug/L
RT: 1.108 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV030824.D
Acq: 25 Apr 2023 09:50

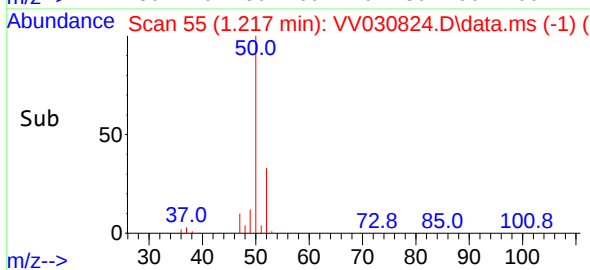
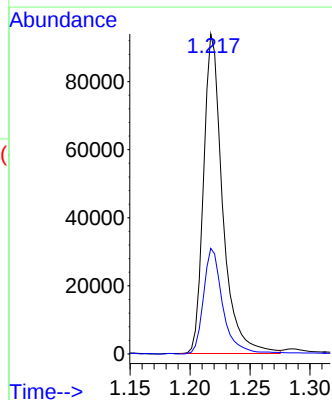
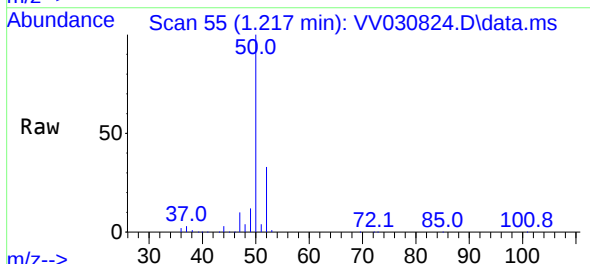
Instrument :
MSVOA_V
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VSTD050339

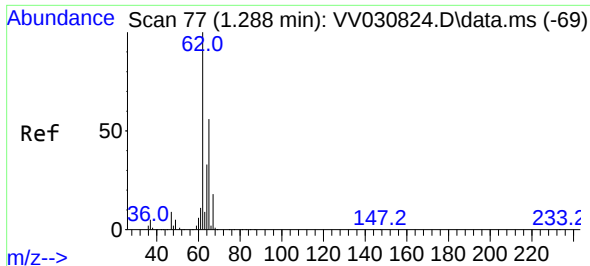
Tgt Ion: 85 Resp: 94420
Ion Ratio Lower Upper
85 100
87 32.4 25.6 38.4



#3
Chloromethane
Concen: 39.207 ug/L
RT: 1.217 min Scan# 55
Delta R.T. -0.000 min
Lab File: VV030824.D
Acq: 25 Apr 2023 09:50

Tgt Ion: 50 Resp: 103876
Ion Ratio Lower Upper
50 100
52 33.0 22.5 41.9

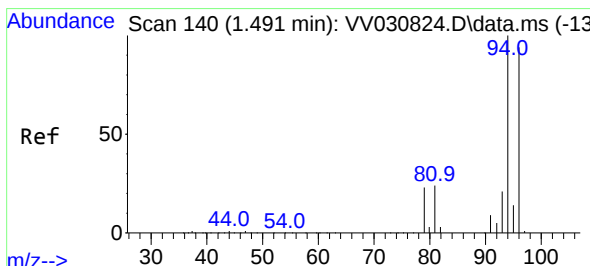
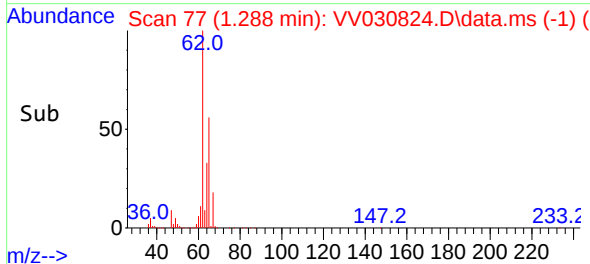
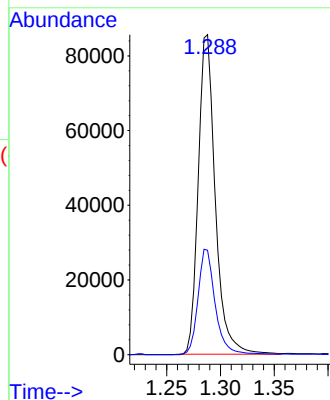
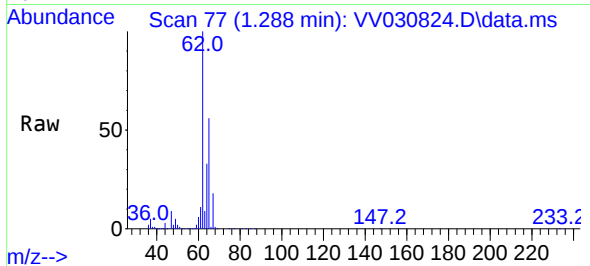




#5
 Vinyl chloride
 Concen: 44.172 ug/L
 RT: 1.288 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: VV030824.D
 Acq: 25 Apr 2023 09:50

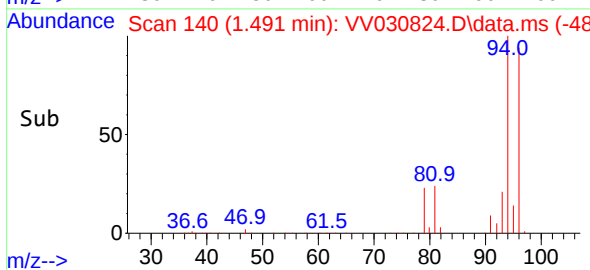
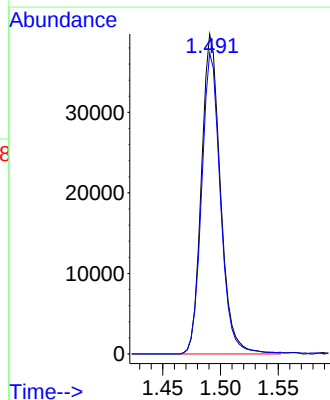
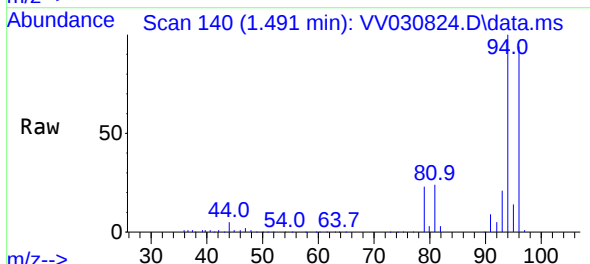
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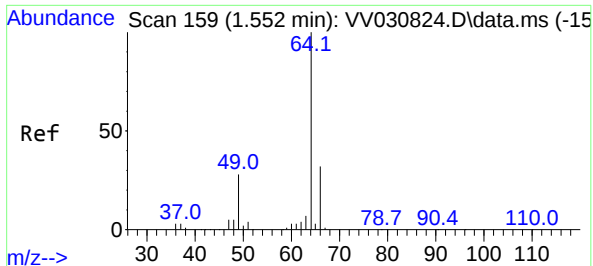
Tgt Ion: 62 Resp: 94354
 Ion Ratio Lower Upper
 62 100
 64 32.7 23.4 43.4



#6
 Bromomethane
 Concen: 53.628 ug/L
 RT: 1.491 min Scan# 140
 Delta R.T. -0.003 min
 Lab File: VV030824.D
 Acq: 25 Apr 2023 09:50

Tgt Ion: 94 Resp: 45423
 Ion Ratio Lower Upper
 94 100
 96 94.0 66.3 123.1

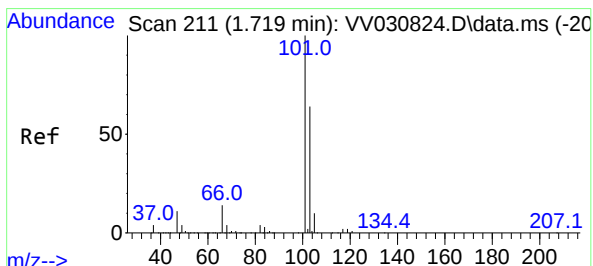
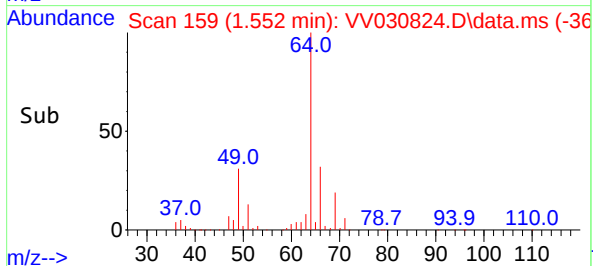
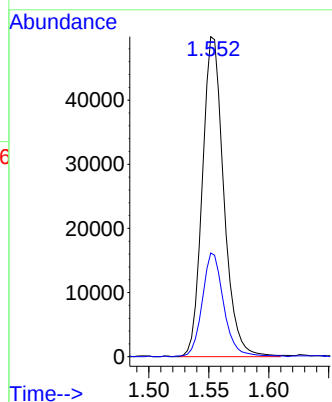
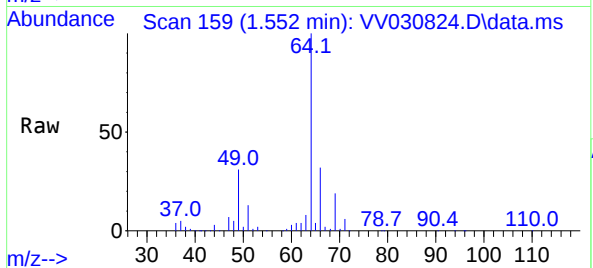




#8
Chloroethane
Concen: 42.391 ug/L
RT: 1.552 min Scan# 159
Delta R.T. -0.003 min
Lab File: VV030824.D
Acq: 25 Apr 2023 09:50

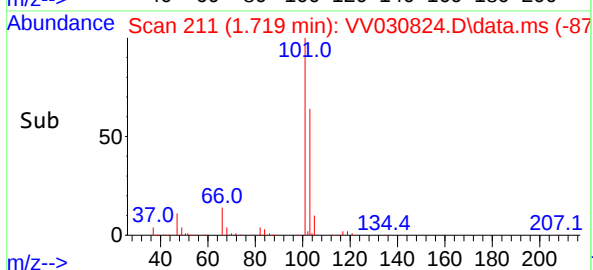
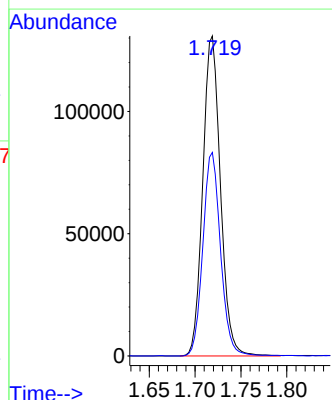
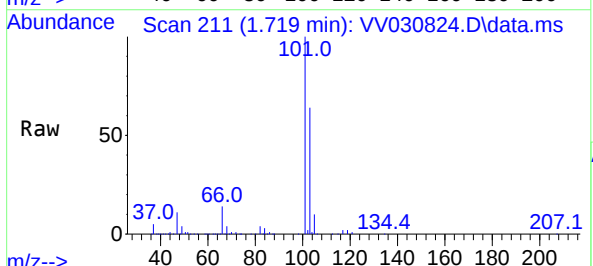
Instrument : MSVOA_V
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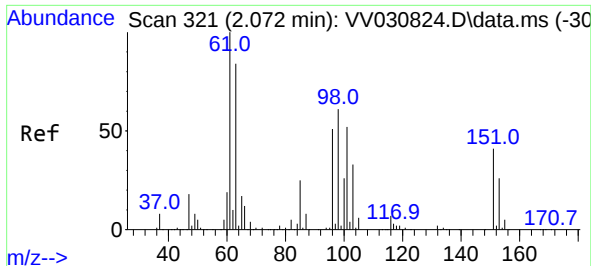
Tgt Ion: 64 Resp: 62106
Ion Ratio Lower Upper
64 100
66 32.4 22.7 42.3



#9
Trichlorofluoromethane
Concen: 50.711 ug/L
RT: 1.719 min Scan# 211
Delta R.T. -0.000 min
Lab File: VV030824.D
Acq: 25 Apr 2023 09:50

Tgt Ion:101 Resp: 175559
Ion Ratio Lower Upper
101 100
103 63.5 51.4 77.0

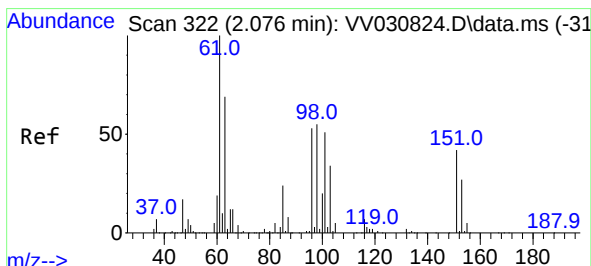
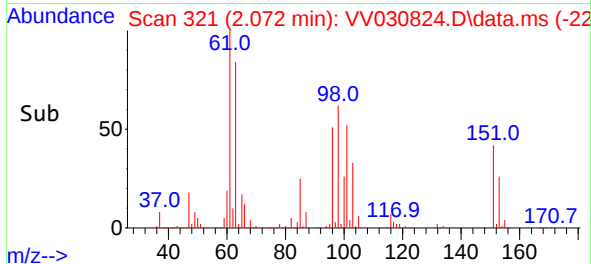
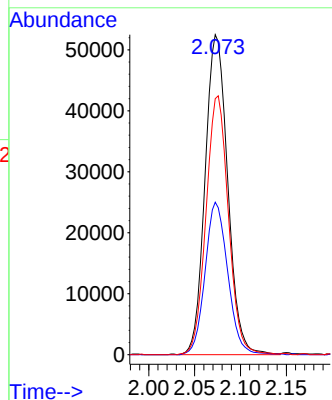
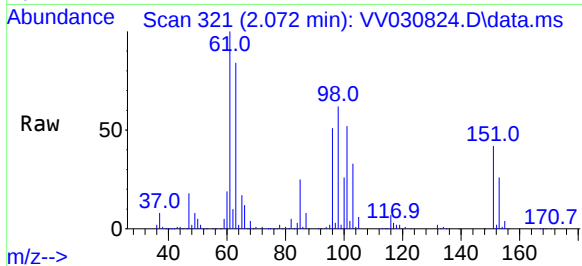




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 49.515 ug/L
RT: 2.072 min Scan# 31
Delta R.T. -0.003 min
Lab File: VV030824.D
Acq: 25 Apr 2023 09:50

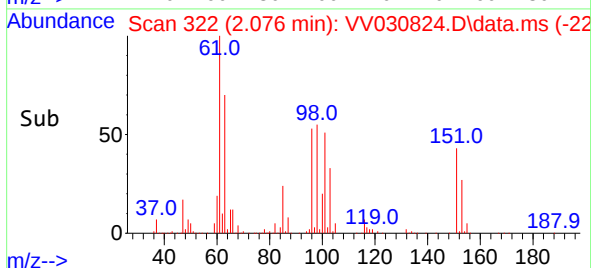
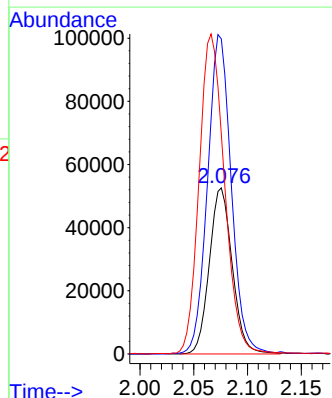
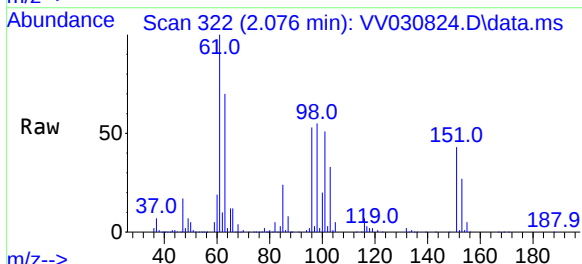
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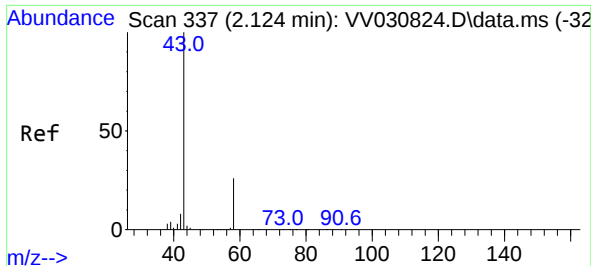
Tgt Ion:101 Resp: 90087
Ion Ratio Lower Upper
101 100
85 47.7 37.5 56.3
151 80.2 63.5 95.3



#12
1,1-Dichloroethene
Concen: 47.383 ug/L
RT: 2.076 min Scan# 322
Delta R.T. -0.000 min
Lab File: VV030824.D
Acq: 25 Apr 2023 09:50

Tgt Ion: 96 Resp: 77941
Ion Ratio Lower Upper
96 100
61 189.8 131.9 245.0
63 132.4 99.8 185.3





#13

Acetone

Concen: 131.940 ug/L

RT: 2.124 min Scan# 31

Delta R.T. -0.007 min

Lab File: VV030824.D

Acq: 25 Apr 2023 09:50

Instrument :

MSVOA_V

ClientSampleId :

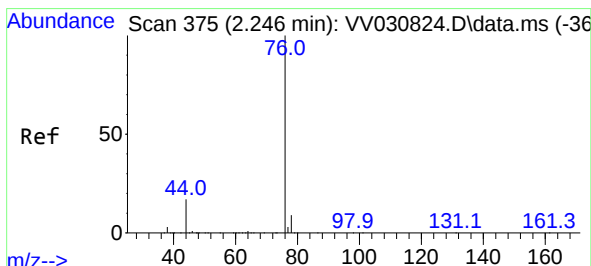
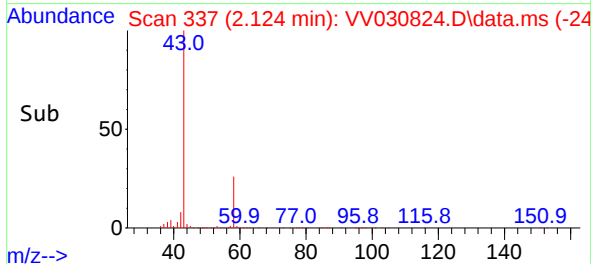
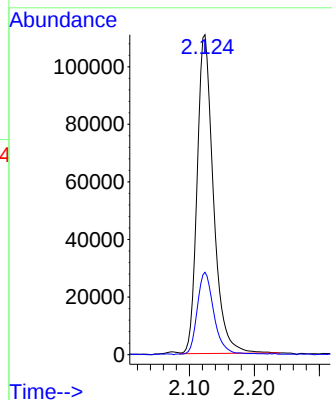
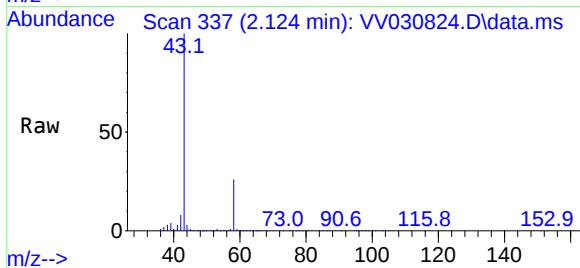
VSTD050339

Tgt Ion: 43 Resp: 193116

Ion Ratio Lower Upper

43 100

58 25.7 0.0 52.8



#14

Carbon disulfide

Concen: 41.840 ug/L

RT: 2.246 min Scan# 375

Delta R.T. -0.000 min

Lab File: VV030824.D

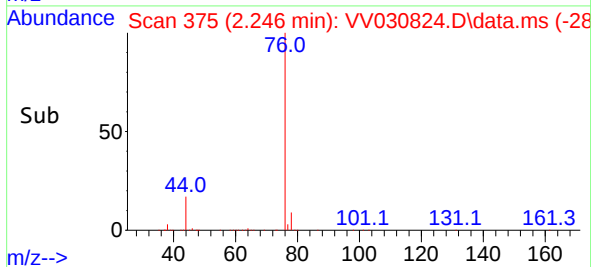
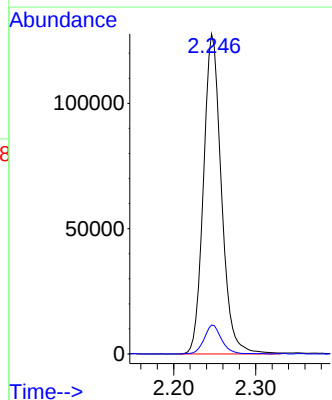
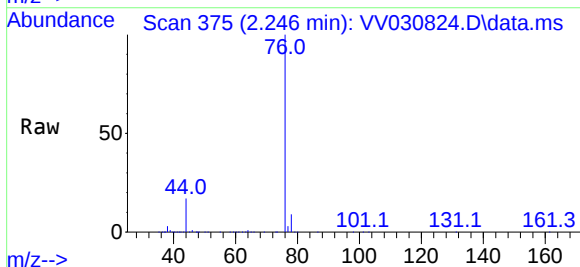
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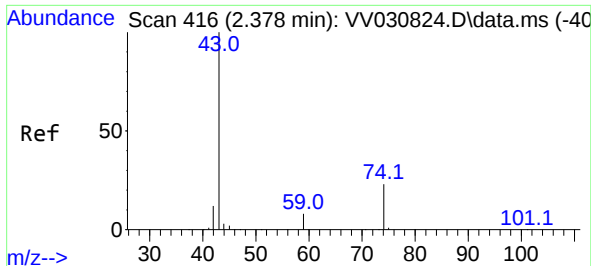
Tgt Ion: 76 Resp: 194393

Ion Ratio Lower Upper

76 100

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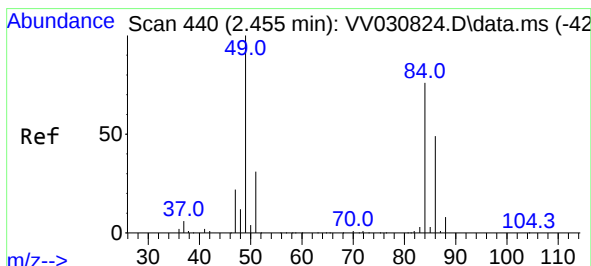
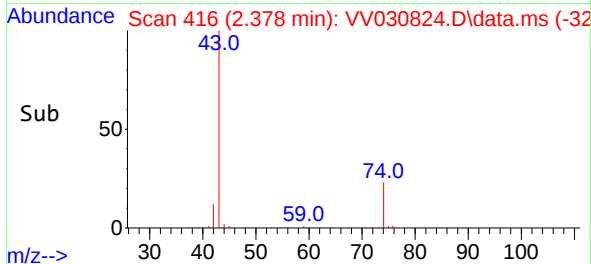
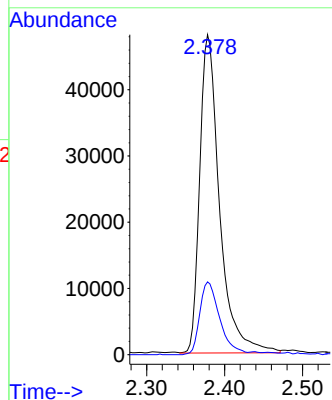
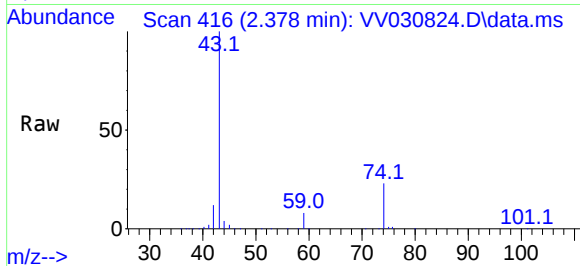




#15
Methyl Acetate
Concen: 43.532 ug/L
RT: 2.378 min Scan# 416
Delta R.T. -0.003 min
Lab File: VV030824.D
Acq: 25 Apr 2023 09:50

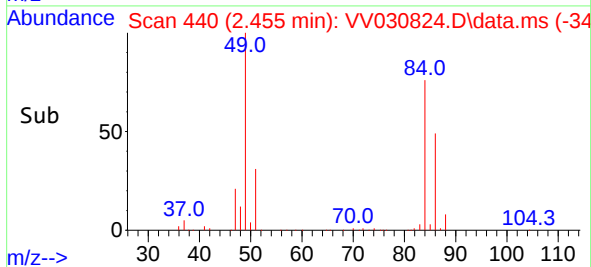
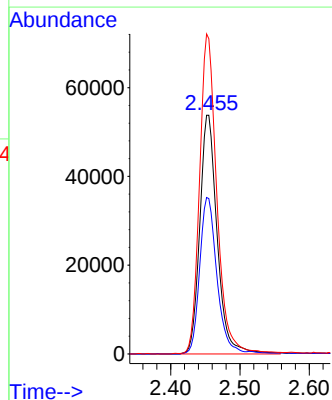
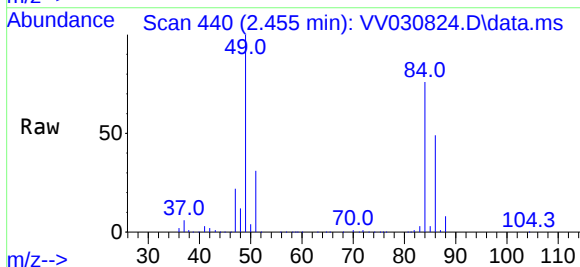
Instrument :
MSVOA_V
ClientSampleId :
VSTD050339

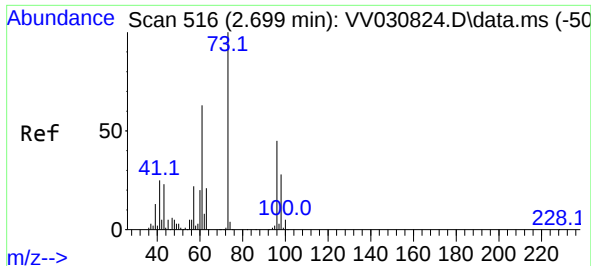
Tgt Ion: 43 Resp: 85030
Ion Ratio Lower Upper
43 100
74 22.9 17.7 26.5



#16
Methylene chloride
Concen: 49.933 ug/L
RT: 2.455 min Scan# 440
Delta R.T. -0.000 min
Lab File: VV030824.D
Acq: 25 Apr 2023 09:50

Tgt Ion: 84 Resp: 93993
Ion Ratio Lower Upper
84 100
86 65.1 45.4 84.2
49 132.1 90.4 168.0

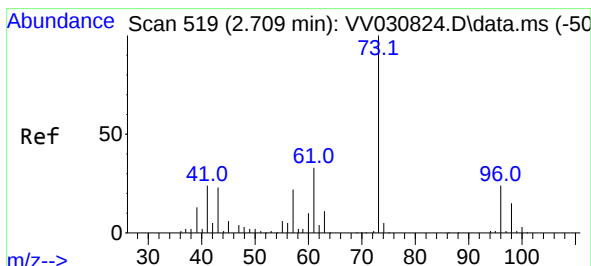
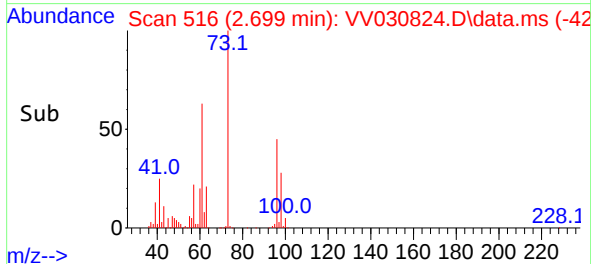
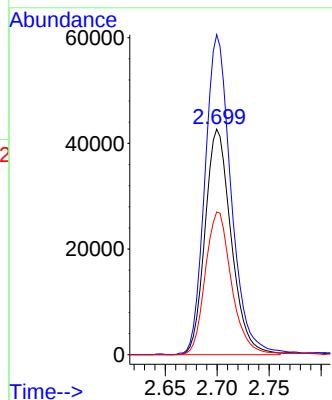
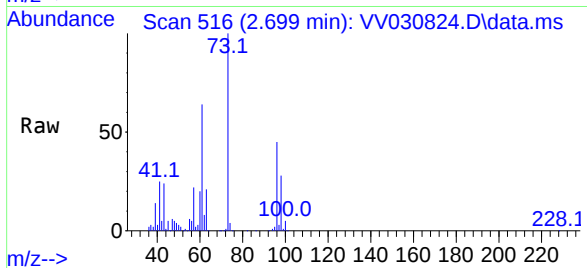




#17
trans-1,2-Dichloroethene
Concen: 45.008 ug/L
RT: 2.699 min Scan# 516
Delta R.T. -0.000 min
Lab File: VV030824.D
Acq: 25 Apr 2023 09:50

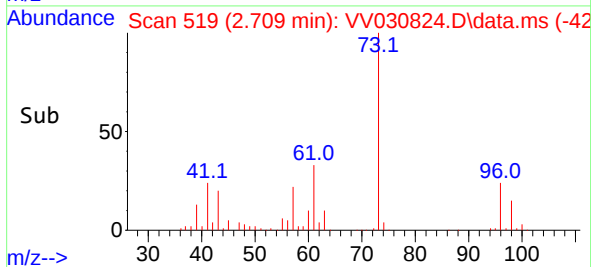
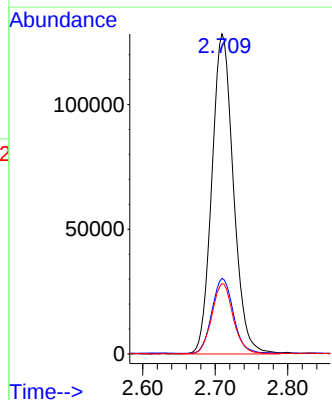
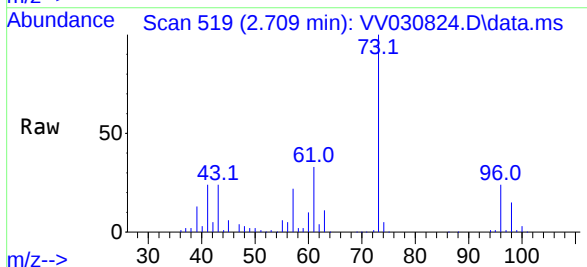
Instrument :
MSVOA_V
ClientSampleId :
VSTD050339

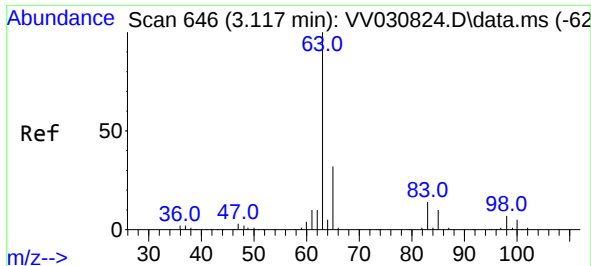
Tgt Ion: 96 Resp: 74739
Ion Ratio Lower Upper
96 100
61 141.8 101.0 187.6
98 63.3 45.4 84.2



#18
Methyl tert-butyl Ether
Concen: 49.831 ug/L
RT: 2.709 min Scan# 519
Delta R.T. -0.003 min
Lab File: VV030824.D
Acq: 25 Apr 2023 09:50

Tgt Ion: 73 Resp: 265050
Ion Ratio Lower Upper
73 100
43 23.4 17.6 26.4
57 21.7 18.2 27.2

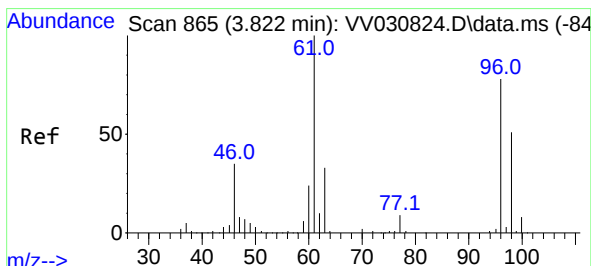
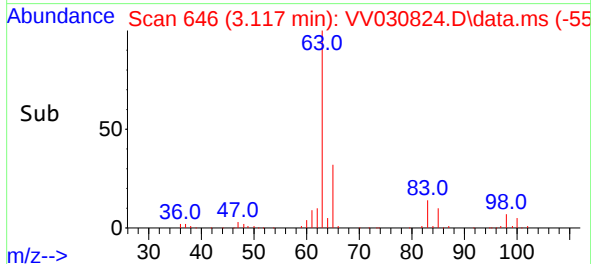
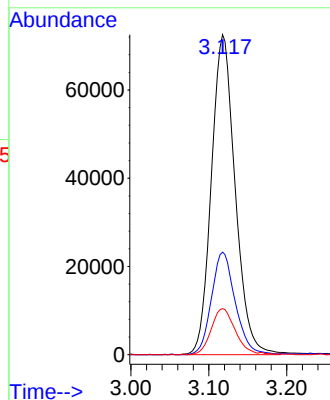
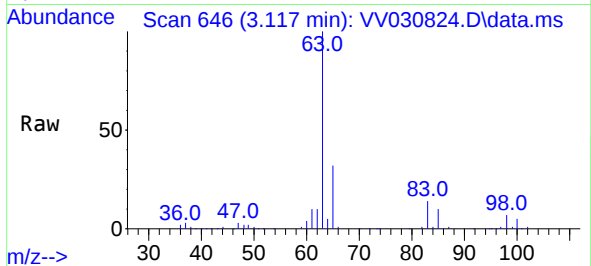




#19
1,1-Dichloroethane
Concen: 45.463 ug/L
RT: 3.117 min Scan# 646
Delta R.T. -0.003 min
Lab File: VV030824.D
Acq: 25 Apr 2023 09:50

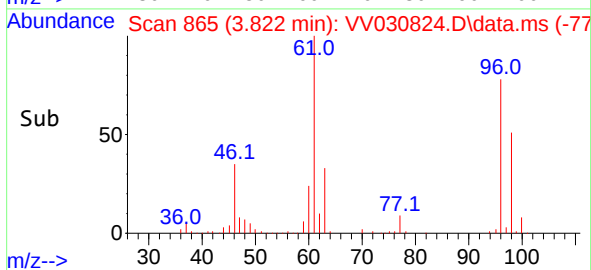
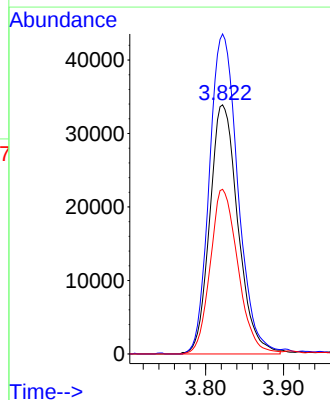
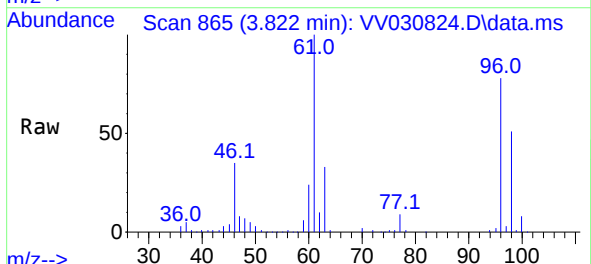
Instrument :
MSVOA_V
ClientSampleId :
VSTD050339

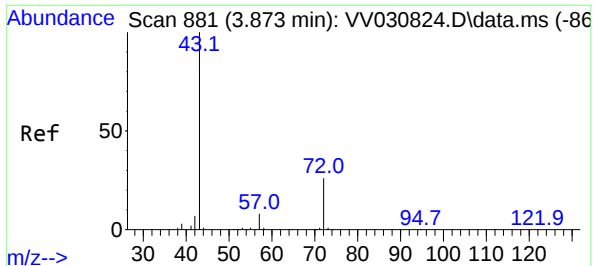
Tgt Ion: 63 Resp: 153921
Ion Ratio Lower Upper
63 100
65 32.1 21.8 40.6
83 14.4 10.2 19.0



#20
cis-1,2-Dichloroethene
Concen: 47.236 ug/L
RT: 3.822 min Scan# 865
Delta R.T. -0.003 min
Lab File: VV030824.D
Acq: 25 Apr 2023 09:50

Tgt Ion: 96 Resp: 85327
Ion Ratio Lower Upper
96 100
61 128.5 92.3 171.3
98 66.1 45.9 85.3

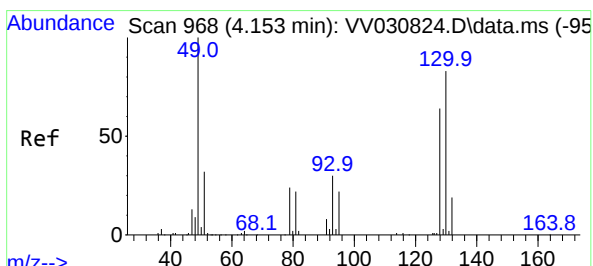
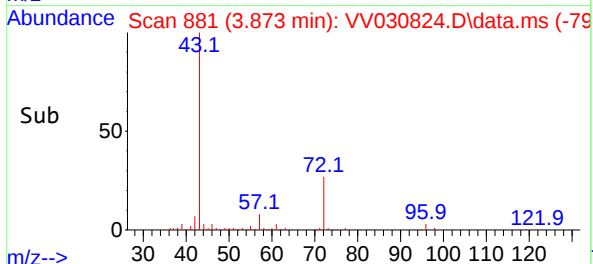
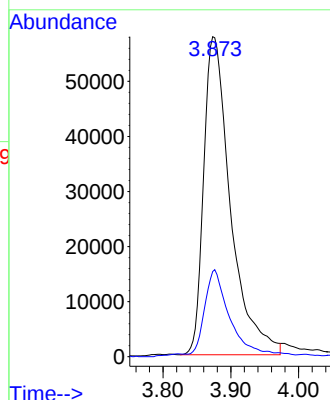
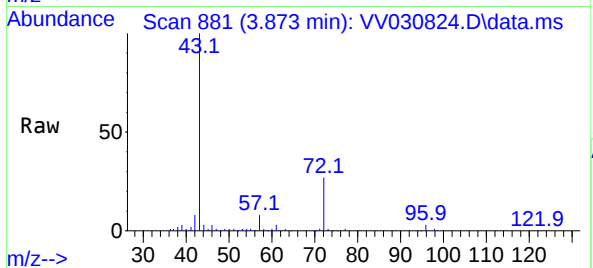




#22
2-Butanone
Concen: 105.130 ug/L
RT: 3.873 min Scan# 881
Delta R.T. -0.010 min
Lab File: VV030824.D
Acq: 25 Apr 2023 09:50

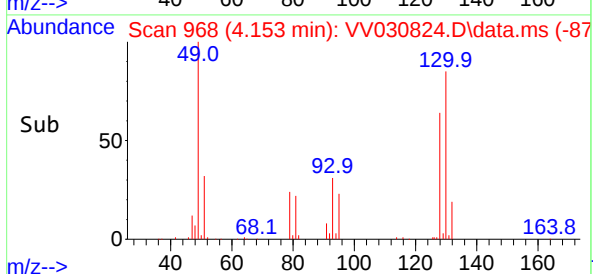
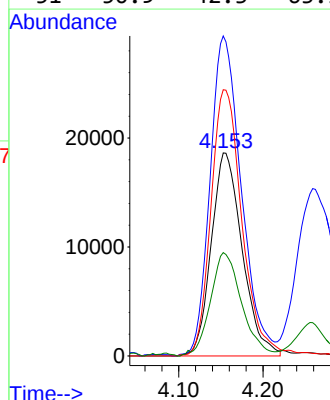
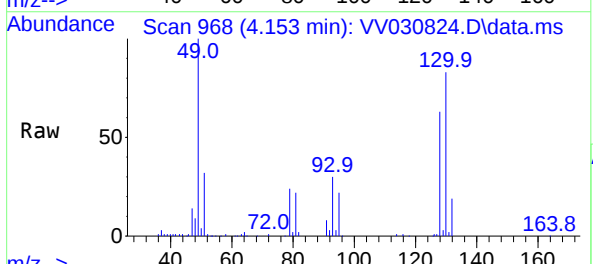
Instrument :
MSVOA_V
ClientSampleId :
VSTD050339

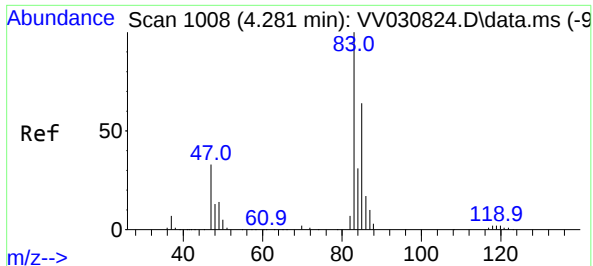
Tgt Ion: 43 Resp: 159017
Ion Ratio Lower Upper
43 100
72 23.5 11.5 34.4



#23
Bromochloromethane
Concen: 47.095 ug/L
RT: 4.153 min Scan# 968
Delta R.T. -0.007 min
Lab File: VV030824.D
Acq: 25 Apr 2023 09:50

Tgt Ion:128 Resp: 47514
Ion Ratio Lower Upper
128 100
49 157.6 114.7 213.1
130 131.2 89.0 165.2
51 50.9 42.3 63.5





#25

Chloroform

Concen: 48.866 ug/L

RT: 4.281 min Scan# 1008

Delta R.T. -0.003 min

Lab File: VV030824.D

Acq: 25 Apr 2023 09:50

Instrument :

MSVOA_V

ClientSampleId :

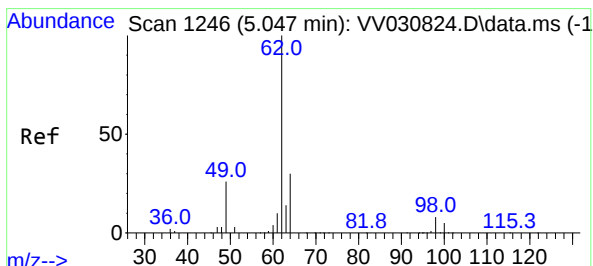
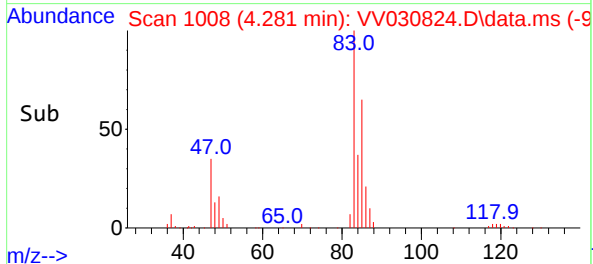
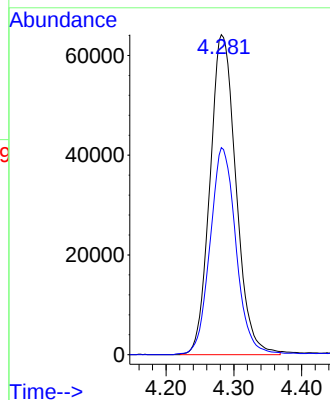
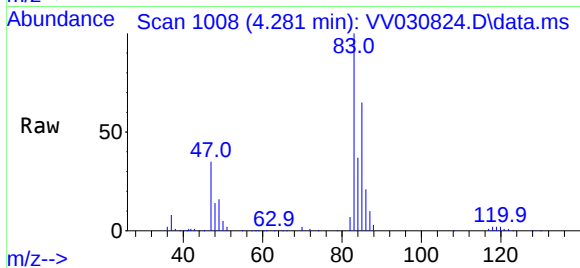
VSTD050339

Tgt Ion: 83 Resp: 171240

Ion Ratio Lower Upper

83 100

85 64.7 45.8 85.2



#27

1,2-Dichloroethane

Concen: 50.436 ug/L

RT: 5.047 min Scan# 1246

Delta R.T. -0.003 min

Lab File: VV030824.D

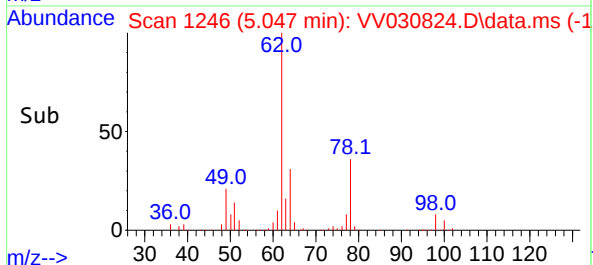
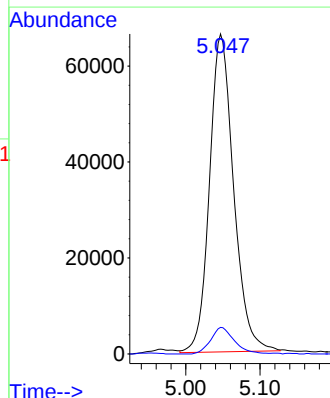
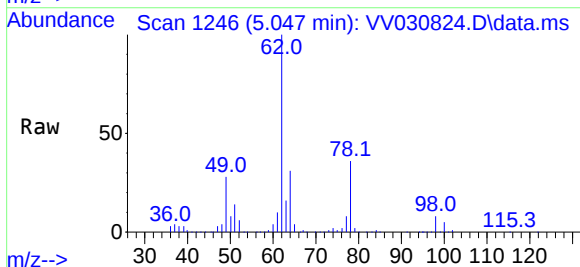
Acq: 25 Apr 2023 09:50

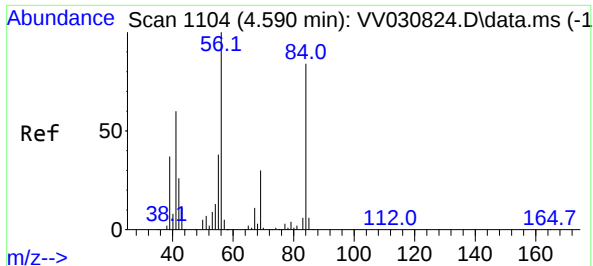
Tgt Ion: 62 Resp: 149611

Ion Ratio Lower Upper

62 100

98 8.3 6.4 9.6





#29

Cyclohexane

Concen: 46.011 ug/L

RT: 4.590 min Scan# 1104

Delta R.T. -0.003 min

Lab File: VV030824.D

Acq: 25 Apr 2023 09:50

Instrument :

MSVOA_V

ClientSampleId :

VSTD050339

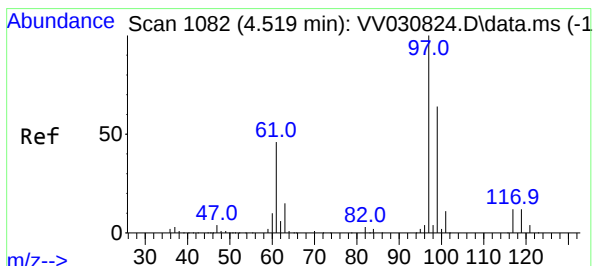
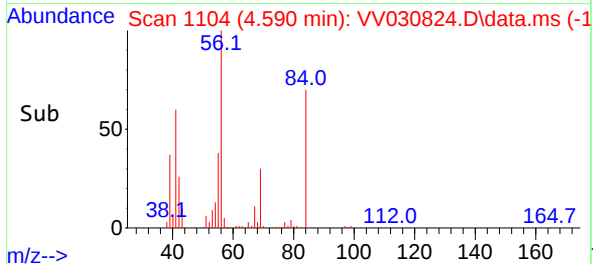
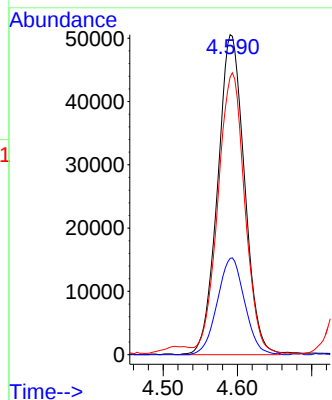
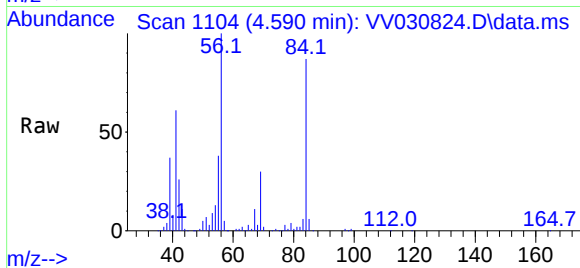
Tgt Ion: 56 Resp: 126916

Ion Ratio Lower Upper

56 100

69 30.8 24.0 36.0

84 88.3 68.2 102.2



#30

1,1,1-Trichloroethane

Concen: 48.606 ug/L

RT: 4.519 min Scan# 1082

Delta R.T. -0.003 min

Lab File: VV030824.D

Acq: 25 Apr 2023 09:50

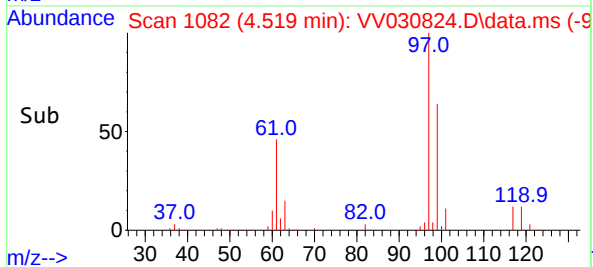
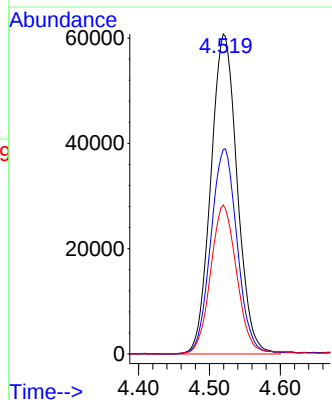
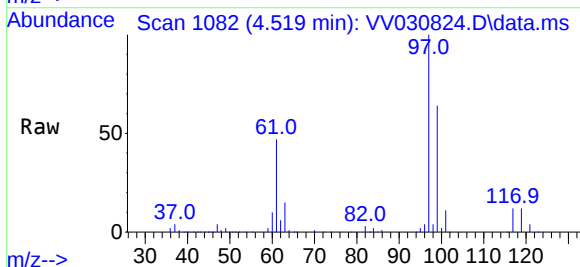
Tgt Ion: 97 Resp: 156988

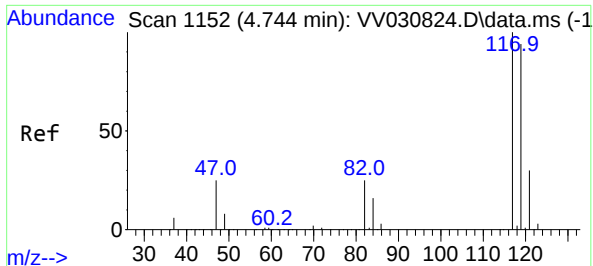
Ion Ratio Lower Upper

97 100

99 64.4 51.4 77.0

61 46.0 37.0 55.6

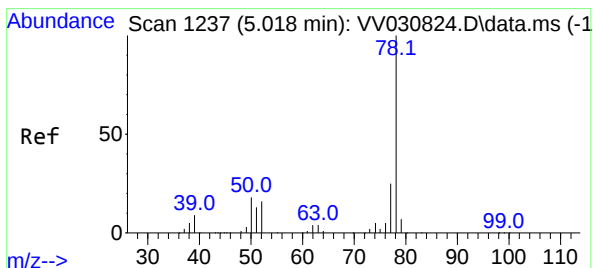
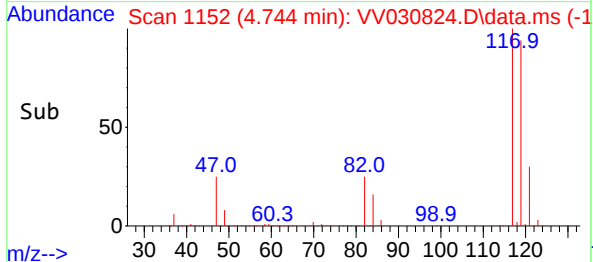
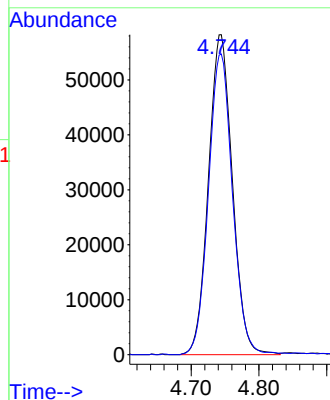
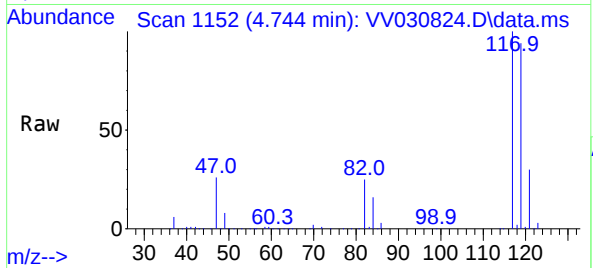




#31
Carbon tetrachloride
Concen: 49.405 ug/L
RT: 4.744 min Scan# 1152
Delta R.T. -0.000 min
Lab File: VV030824.D
Acq: 25 Apr 2023 09:50

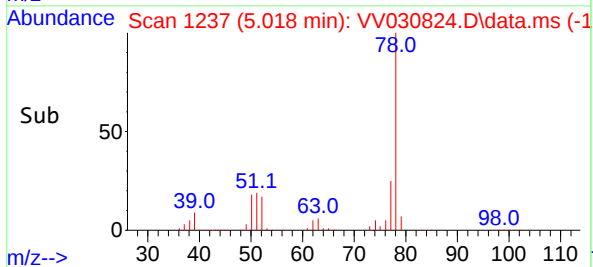
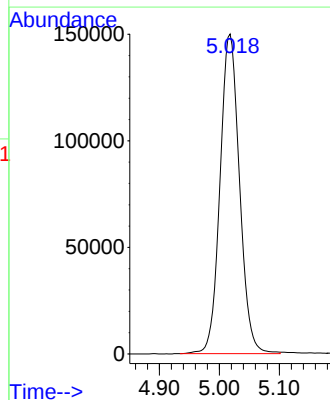
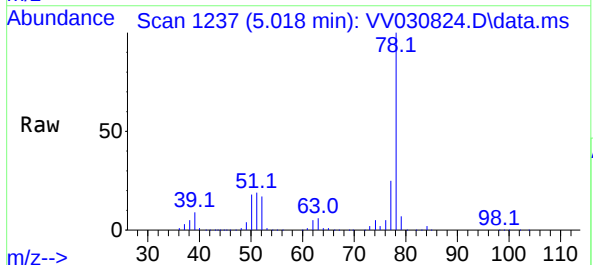
Instrument :
MSVOA_V
ClientSampleId :
VSTD050339

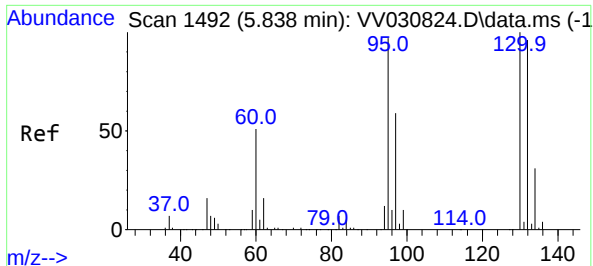
Tgt Ion:117 Resp: 142664
Ion Ratio Lower Upper
117 100
119 94.2 75.9 113.9



#33
Benzene
Concen: 48.382 ug/L
RT: 5.018 min Scan# 1237
Delta R.T. -0.000 min
Lab File: VV030824.D
Acq: 25 Apr 2023 09:50

Tgt Ion: 78 Resp: 337700



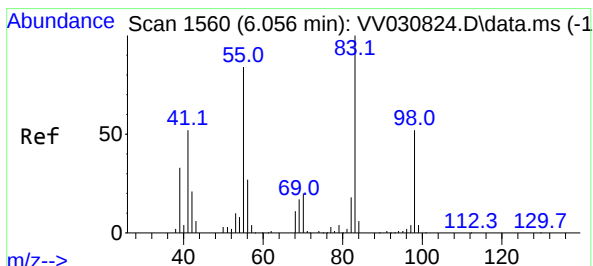
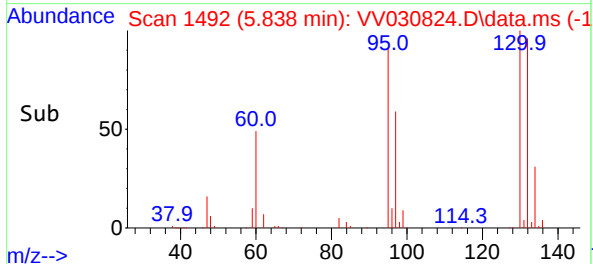
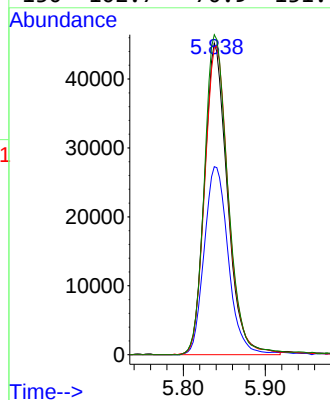
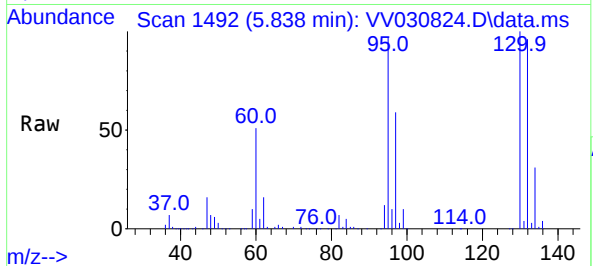


#34
Trichloroethene
Concen: 48.368 ug/L
RT: 5.838 min Scan# 1492
Delta R.T. -0.003 min
Lab File: VV030824.D
Acq: 25 Apr 2023 09:50

Instrument :
MSVOA_V
ClientSampleId :
VSTD050339

Tgt Ion: 95 Resp: 87815

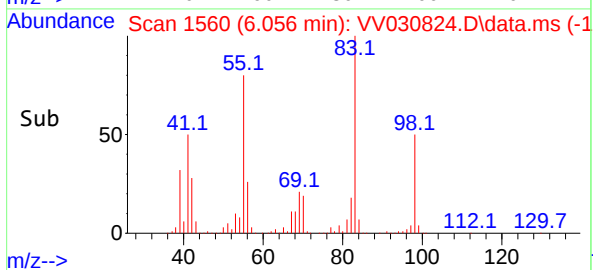
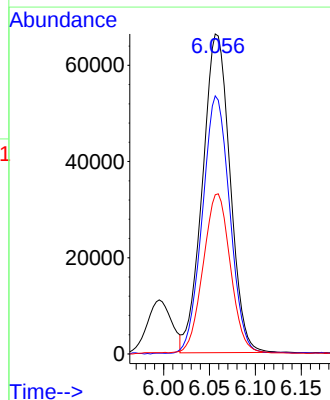
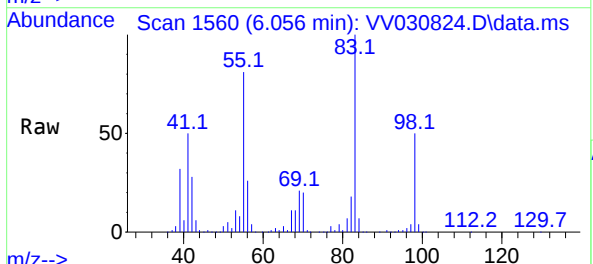
Ion	Ratio	Lower	Upper
95	100		
97	60.4	45.8	85.2
132	98.5	70.6	131.2
130	102.7	70.9	131.7

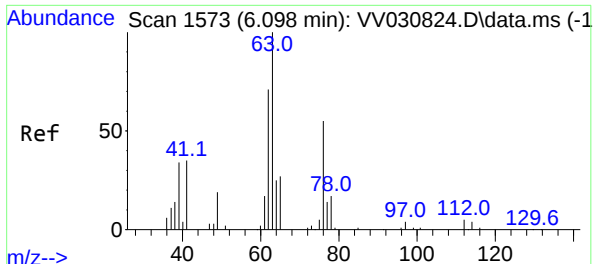


#35
Methylcyclohexane
Concen: 48.741 ug/L
RT: 6.056 min Scan# 1560
Delta R.T. -0.003 min
Lab File: VV030824.D
Acq: 25 Apr 2023 09:50

Tgt Ion: 83 Resp: 138659

Ion	Ratio	Lower	Upper
83	100		
55	80.1	65.5	98.3
98	49.6	38.7	58.1

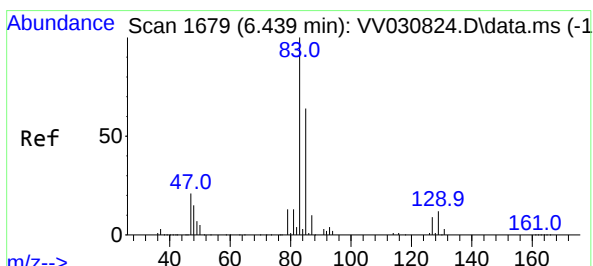
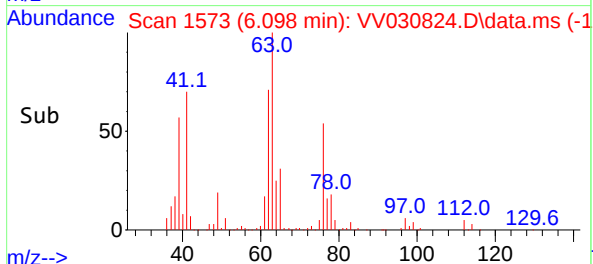
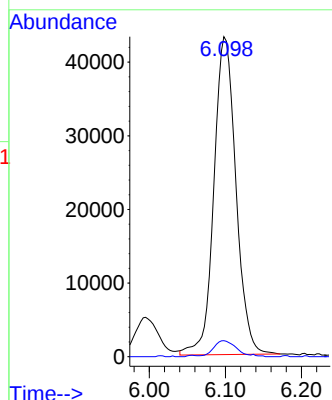
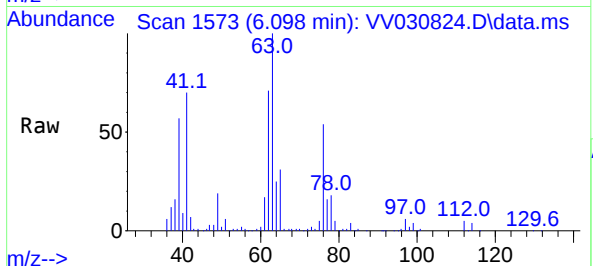




#37
1,2-Dichloropropane
Concen: 46.252 ug/L
RT: 6.098 min Scan# 1573
Delta R.T. -0.003 min
Lab File: VV030824.D
Acq: 25 Apr 2023 09:50

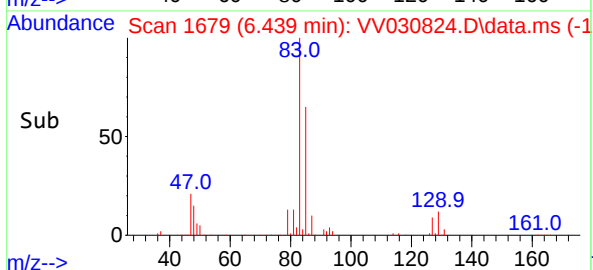
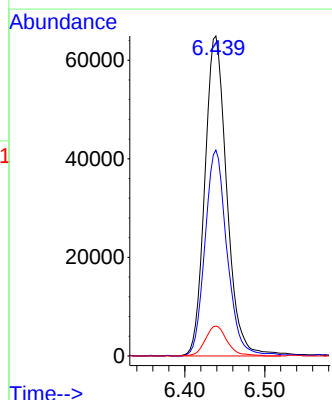
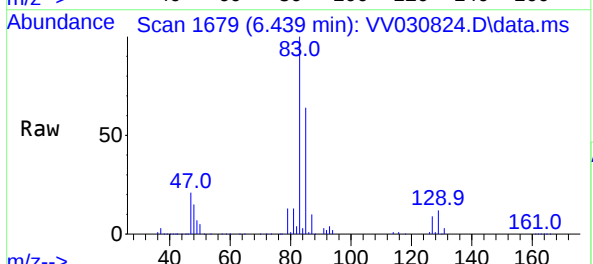
Instrument :
MSVOA_V
ClientSampleId :
VSTD050339

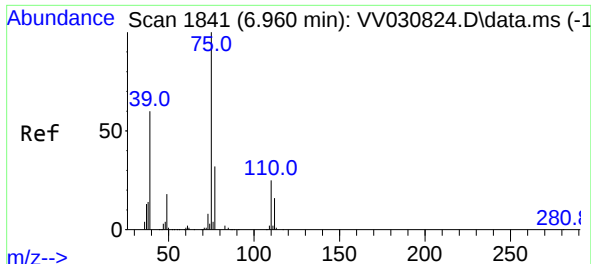
Tgt Ion: 63 Resp: 86893
Ion Ratio Lower Upper
63 100
112 4.8 3.8 5.8



#38
Bromodichloromethane
Concen: 47.018 ug/L
RT: 6.439 min Scan# 1679
Delta R.T. -0.000 min
Lab File: VV030824.D
Acq: 25 Apr 2023 09:50

Tgt Ion: 83 Resp: 124086
Ion Ratio Lower Upper
83 100
85 64.4 45.4 84.4
127 9.3 7.0 10.4





#39

cis-1,3-Dichloropropene

Concen: 46.913 ug/L

RT: 6.960 min Scan# 1841

Delta R.T. -0.000 min

Lab File: VV030824.D

Acq: 25 Apr 2023 09:50

Instrument :

MSVOA_V

ClientSampleId :

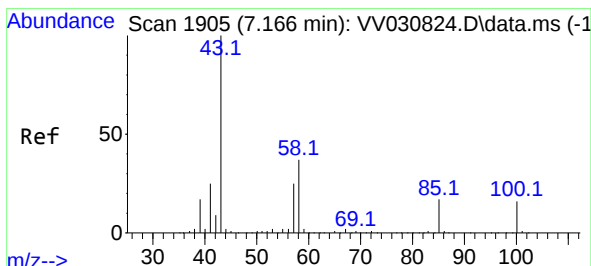
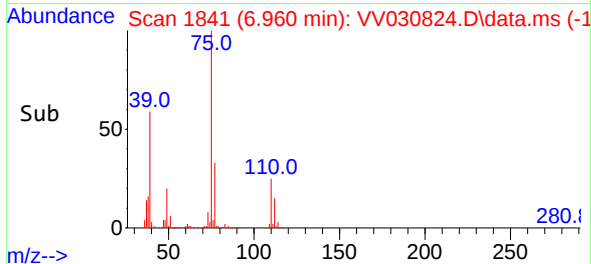
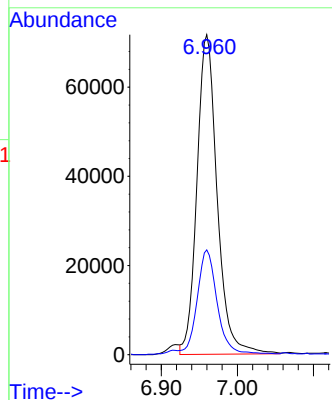
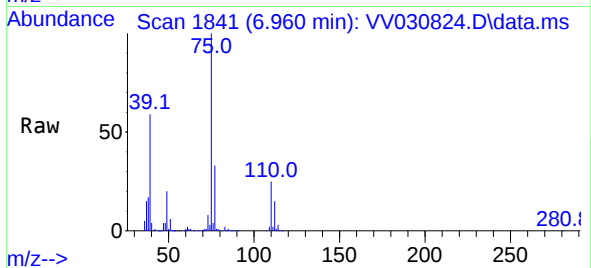
VSTD050339

Tgt Ion: 75 Resp: 132279

Ion Ratio Lower Upper

75 100

77 32.8 22.0 40.8



#40

4-Methyl-2-pentanone

Concen: 91.773 ug/L

RT: 7.166 min Scan# 1905

Delta R.T. -0.000 min

Lab File: VV030824.D

Acq: 25 Apr 2023 09:50

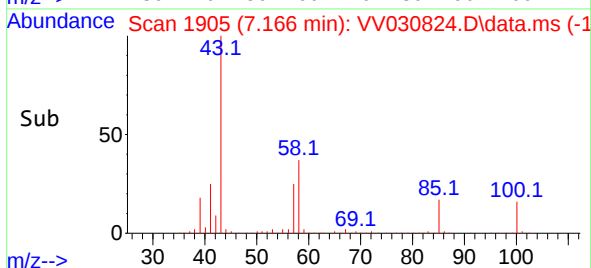
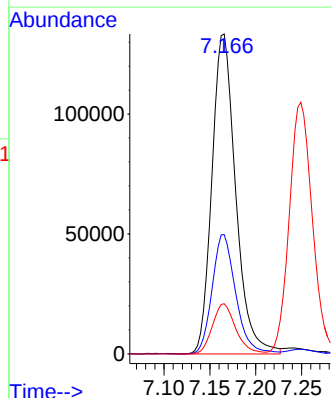
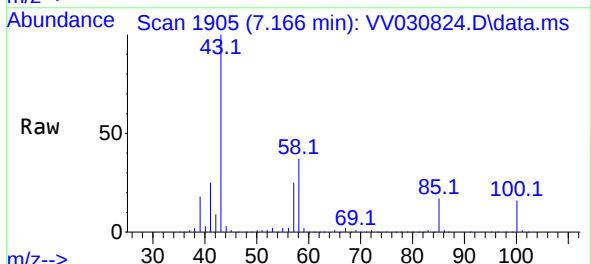
Tgt Ion: 43 Resp: 240841

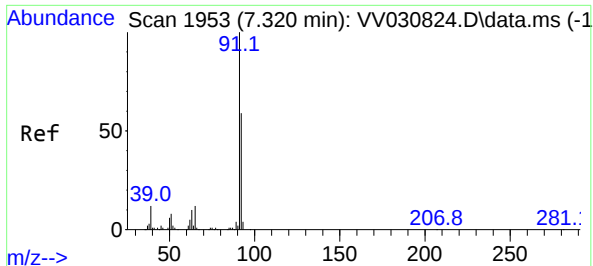
Ion Ratio Lower Upper

43 100

58 37.1 29.2 43.8

100 15.4 11.3 16.9

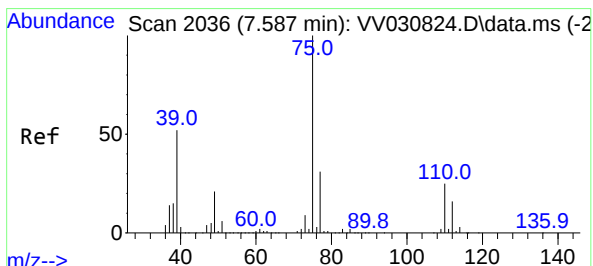
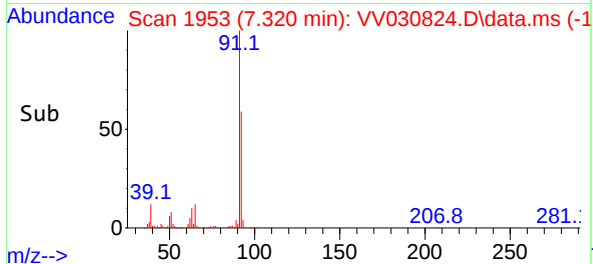
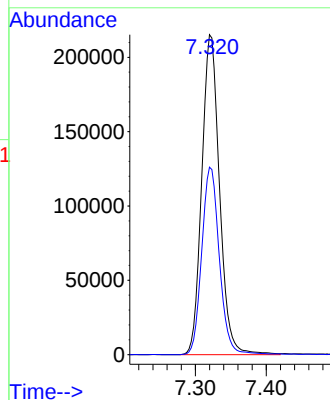
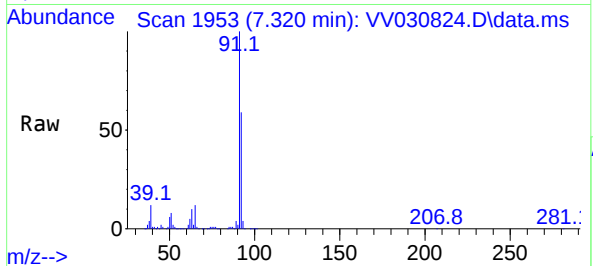




#42
Toluene
Concen: 50.141 ug/L
RT: 7.320 min Scan# 1953
Delta R.T. -0.003 min
Lab File: VV030824.D
Acq: 25 Apr 2023 09:50

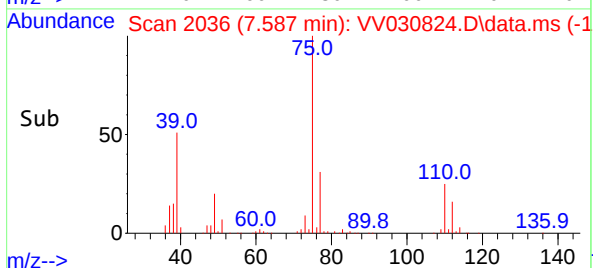
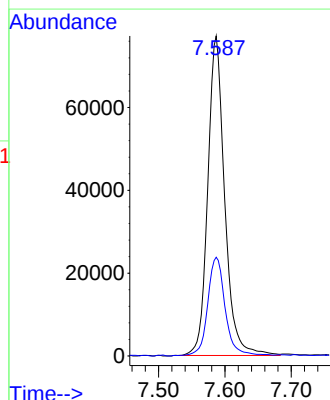
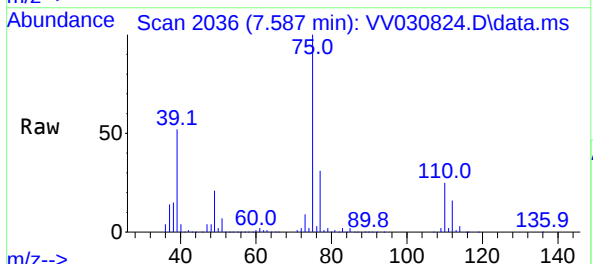
Instrument :
MSVOA_V
ClientSampleId :
VSTD050339

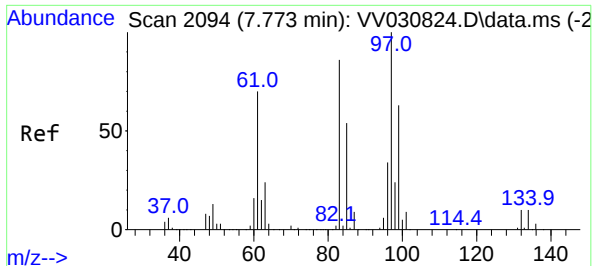
Tgt Ion: 91 Resp: 374864
Ion Ratio Lower Upper
91 100
92 58.6 39.8 73.8



#44
trans-1,3-Dichloropropene
Concen: 49.403 ug/L
RT: 7.587 min Scan# 2036
Delta R.T. -0.000 min
Lab File: VV030824.D
Acq: 25 Apr 2023 09:50

Tgt Ion: 75 Resp: 136857
Ion Ratio Lower Upper
75 100
77 30.9 22.1 41.1



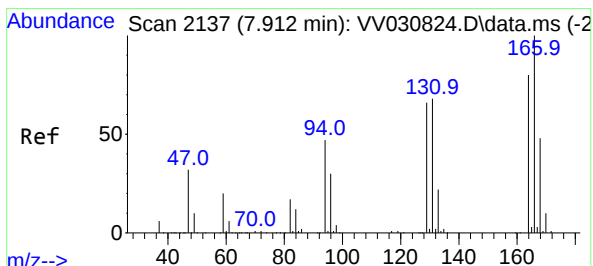
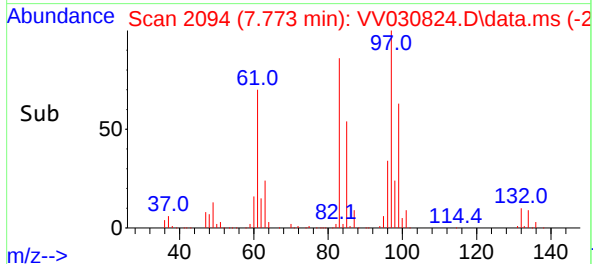
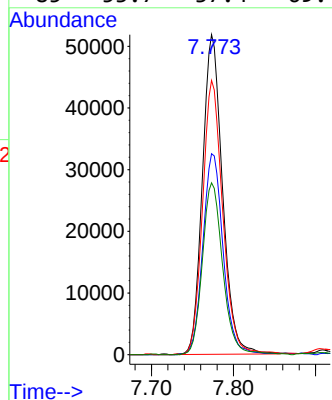
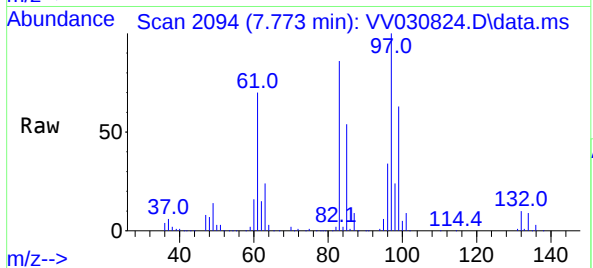


#45
1,1,2-Trichloroethane
Concen: 46.722 ug/L
RT: 7.773 min Scan# 2094
Delta R.T. -0.003 min
Lab File: VV030824.D
Acq: 25 Apr 2023 09:50

Instrument :
MSVOA_V
ClientSampleId :
VSTD050339

Tgt Ion: 97 Resp: 88016

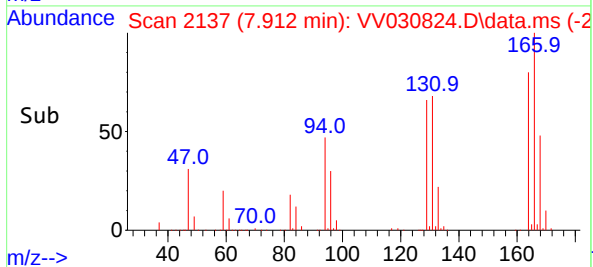
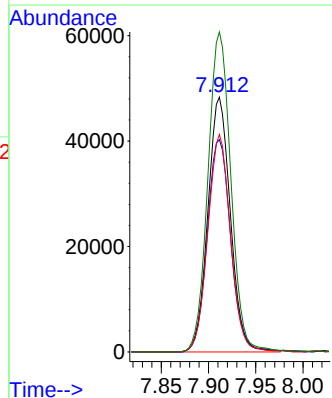
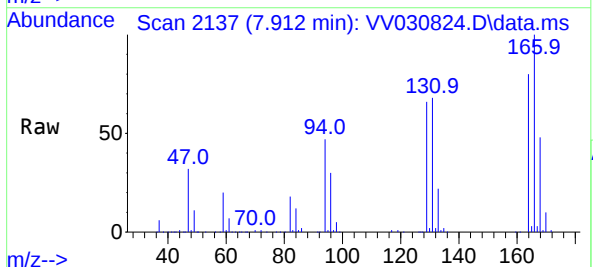
Ion	Ratio	Lower	Upper
97	100		
99	62.8	43.8	81.4
83	85.7	59.6	110.6
85	53.7	37.4	69.4

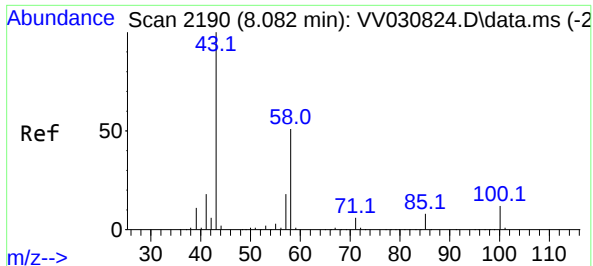


#46
Tetrachloroethene
Concen: 50.592 ug/L
RT: 7.912 min Scan# 2137
Delta R.T. -0.000 min
Lab File: VV030824.D
Acq: 25 Apr 2023 09:50

Tgt Ion: 164 Resp: 80399

Ion	Ratio	Lower	Upper
164	100		
129	83.3	63.8	118.6
131	85.3	60.3	111.9
166	125.5	89.5	166.1



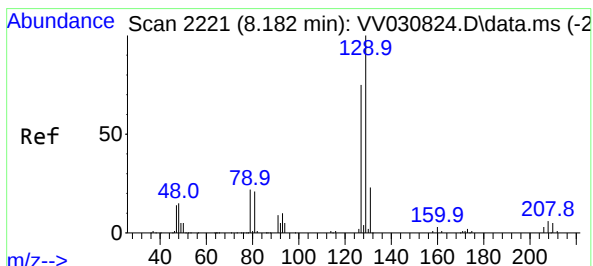
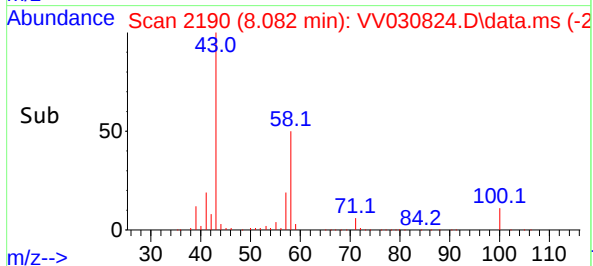
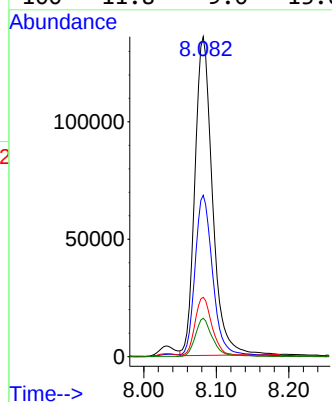
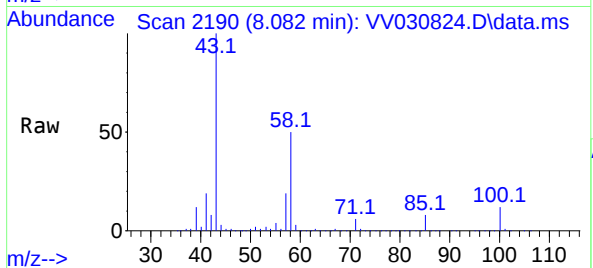


#48
2-Hexanone
Concen: 105.703 ug/L
RT: 8.082 min Scan# 2190
Delta R.T. -0.000 min
Lab File: VV030824.D
Acq: 25 Apr 2023 09:50

Instrument :
MSVOA_V
ClientSampleId :
VSTD050339

Tgt Ion: 43 Resp: 228887

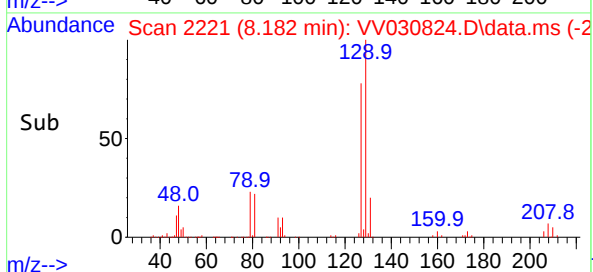
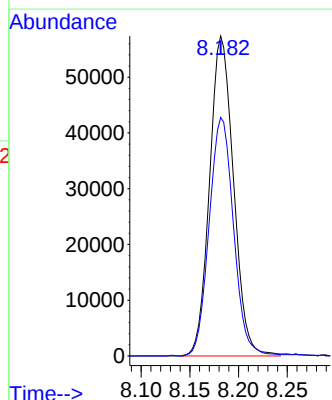
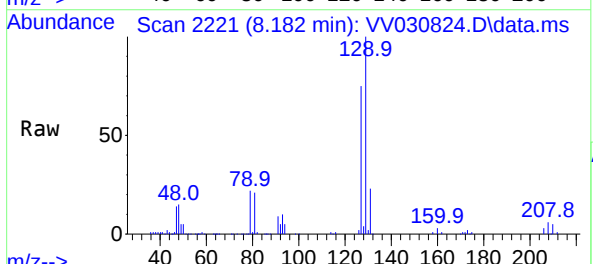
Ion	Ratio	Lower	Upper
43	100		
58	49.9	41.4	62.0
57	18.5	14.9	22.3
100	11.8	9.0	13.6

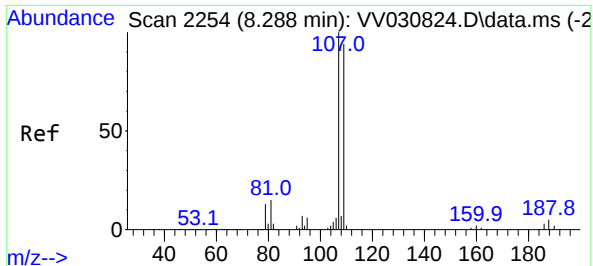


#49
Dibromochloromethane
Concen: 47.167 ug/L
RT: 8.182 min Scan# 2221
Delta R.T. -0.003 min
Lab File: VV030824.D
Acq: 25 Apr 2023 09:50

Tgt Ion: 129 Resp: 98009

Ion	Ratio	Lower	Upper
129	100		
127	74.5	52.8	98.2



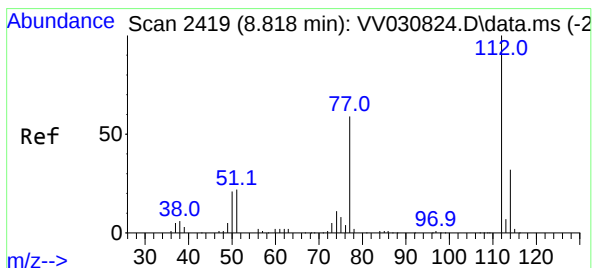
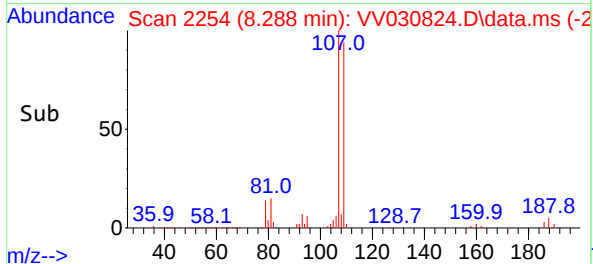
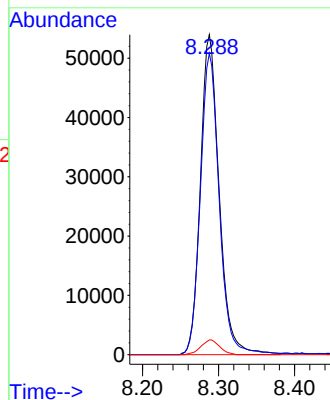
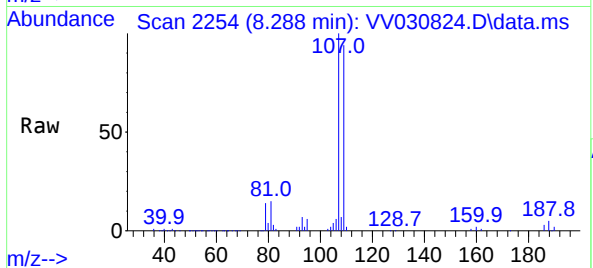


#50
1,2-Dibromoethane
Concen: 47.439 ug/L
RT: 8.288 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV030824.D
Acq: 25 Apr 2023 09:50

Instrument :
MSVOA_V
ClientSampleId :
VSTD050339

Tgt Ion:107 Resp: 92598

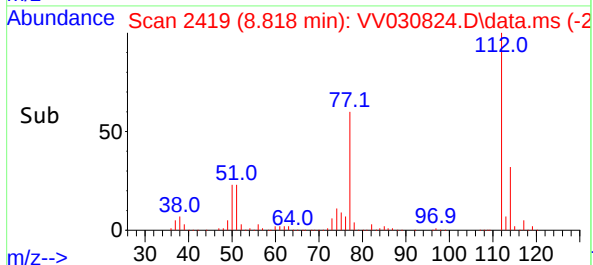
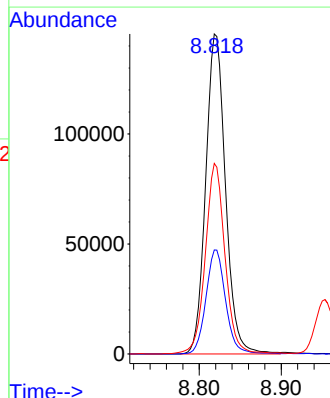
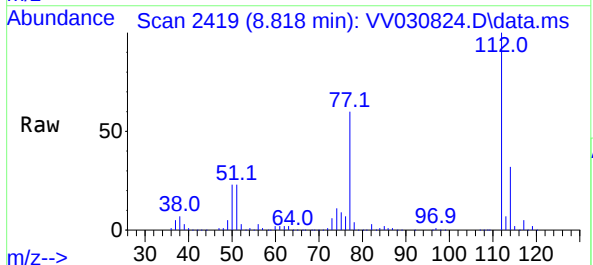
Ion	Ratio	Lower	Upper
107	100		
109	94.1	65.7	121.9
188	4.6	3.2	4.8

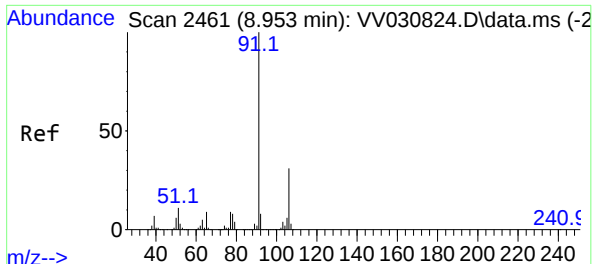


#51
Chlorobenzene
Concen: 49.369 ug/L
RT: 8.818 min Scan# 2419
Delta R.T. -0.003 min
Lab File: VV030824.D
Acq: 25 Apr 2023 09:50

Tgt Ion:112 Resp: 244443

Ion	Ratio	Lower	Upper
112	100		
114	32.5	22.4	41.6
77	59.6	47.4	71.0

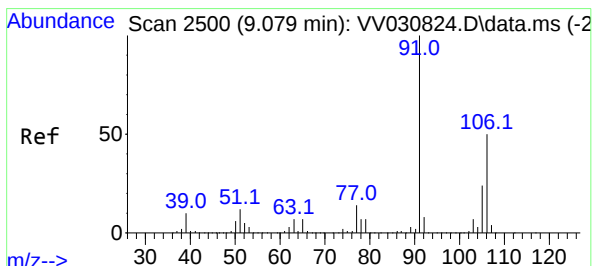
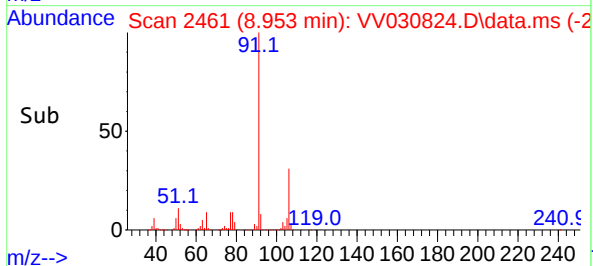
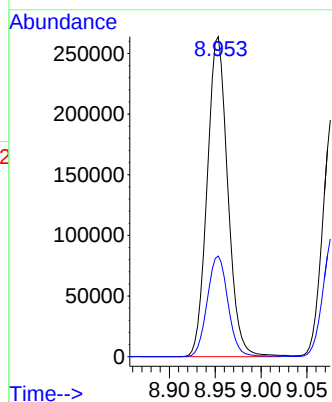
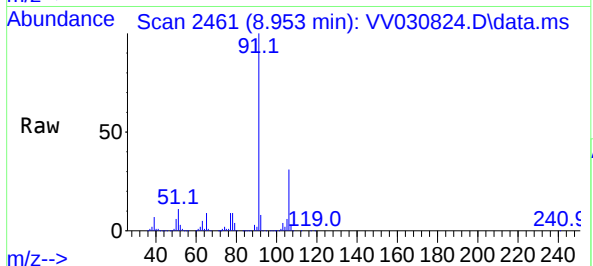




#52
Ethylbenzene
Concen: 49.736 ug/L
RT: 8.953 min Scan# 2461
Delta R.T. -0.000 min
Lab File: VV030824.D
Acq: 25 Apr 2023 09:50

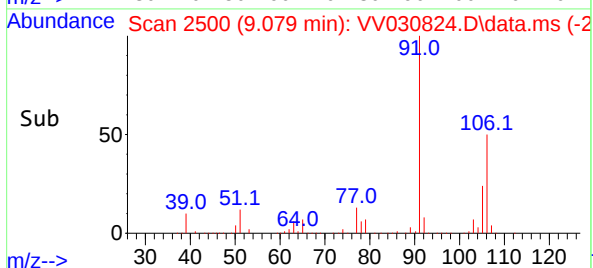
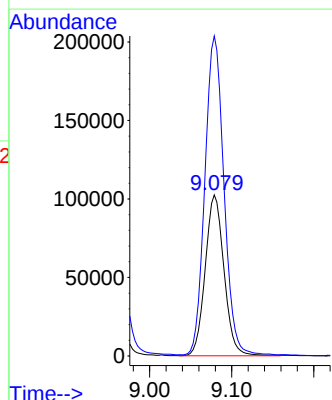
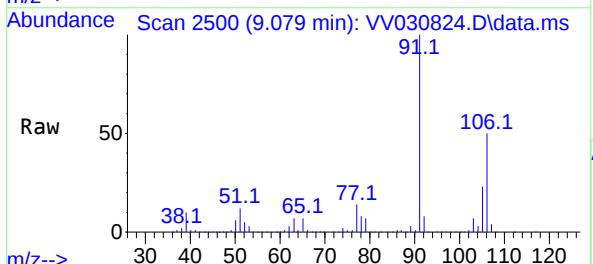
Instrument :
MSVOA_V
ClientSampleId :
VSTD050339

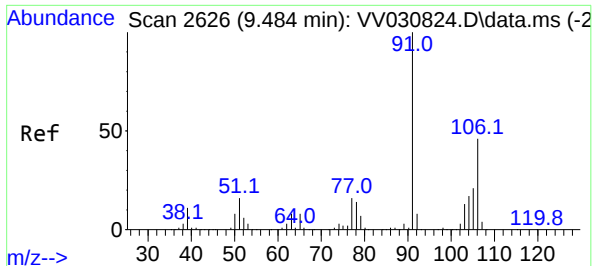
Tgt Ion: 91 Resp: 411646
Ion Ratio Lower Upper
91 100
106 31.5 21.8 40.4



#53
m,p-Xylene
Concen: 52.050 ug/L
RT: 9.079 min Scan# 2500
Delta R.T. -0.000 min
Lab File: VV030824.D
Acq: 25 Apr 2023 09:50

Tgt Ion: 106 Resp: 162722
Ion Ratio Lower Upper
106 100
91 198.7 144.7 268.7

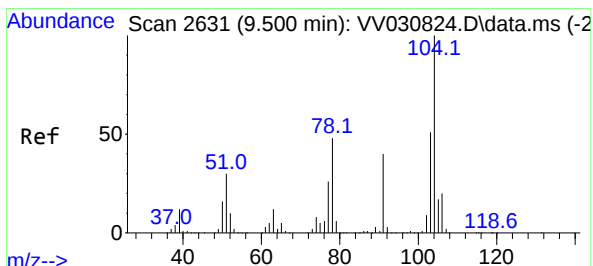
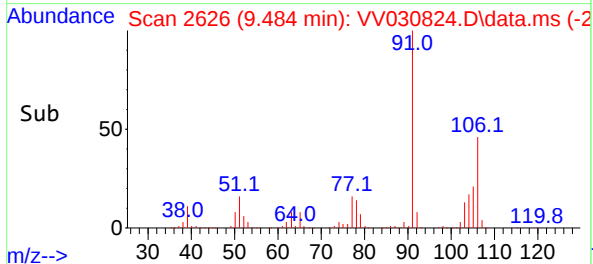
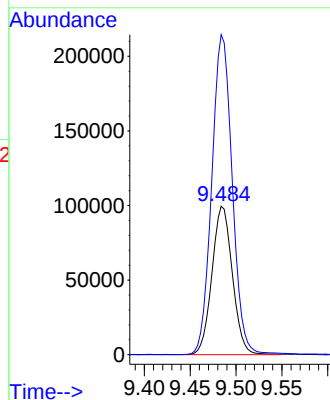
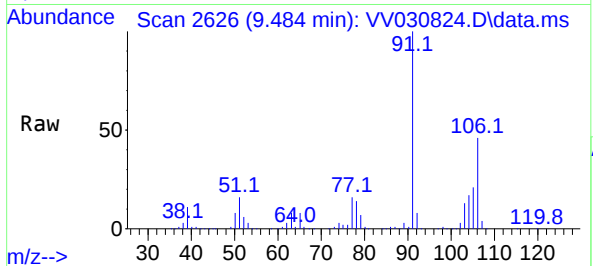




#54
o-Xylene
Concen: 50.474 ug/L
RT: 9.484 min Scan# 2626
Delta R.T. -0.003 min
Lab File: VV030824.D
Acq: 25 Apr 2023 09:50

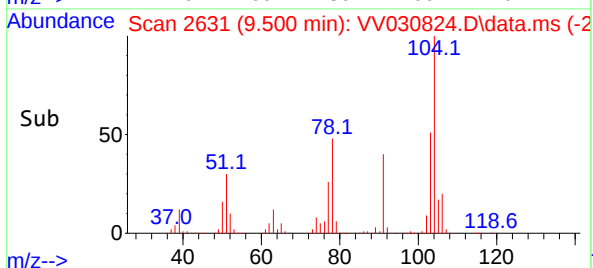
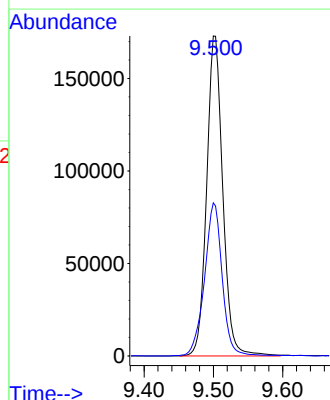
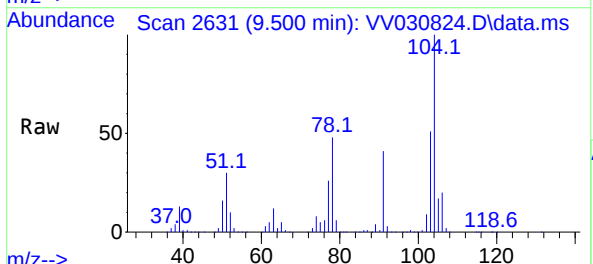
Instrument :
MSVOA_V
ClientSampleId :
VSTD050339

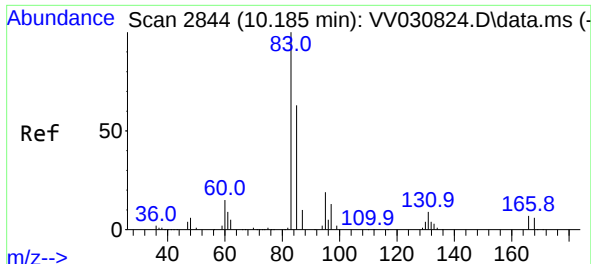
Tgt Ion:106 Resp: 154369
Ion Ratio Lower Upper
106 100
91 215.4 152.6 283.4



#55
Styrene
Concen: 52.014 ug/L
RT: 9.500 min Scan# 2631
Delta R.T. -0.003 min
Lab File: VV030824.D
Acq: 25 Apr 2023 09:50

Tgt Ion:104 Resp: 279438
Ion Ratio Lower Upper
104 100
78 47.8 32.3 59.9

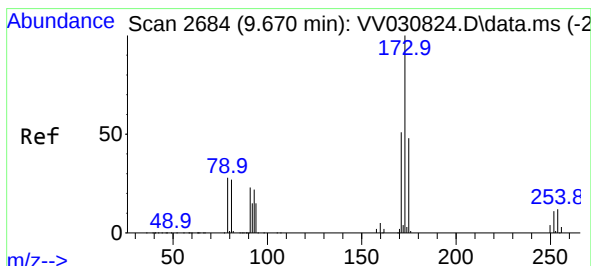
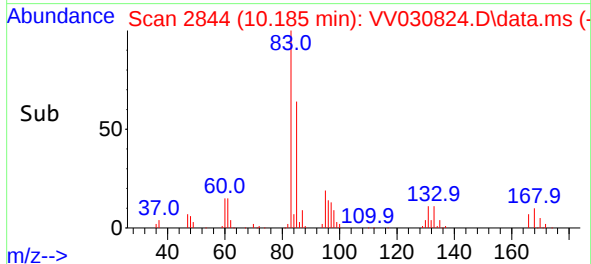
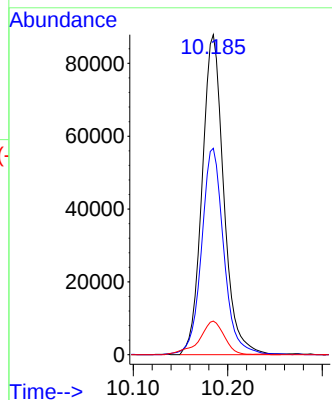
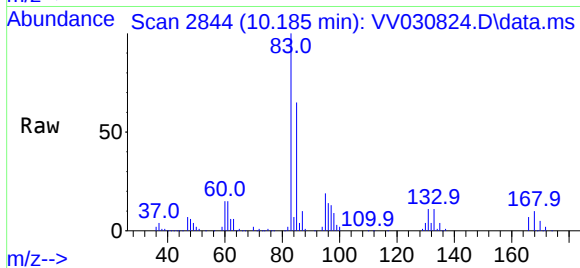




#57
1,1,2,2-Tetrachloroethane
Concen: 45.137 ug/L
RT: 10.185 min Scan# 2844
Delta R.T. -0.000 min
Lab File: VV030824.D
Acq: 25 Apr 2023 09:50

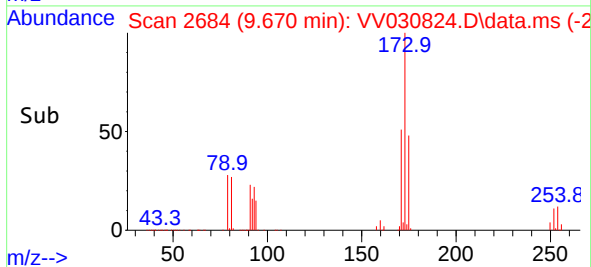
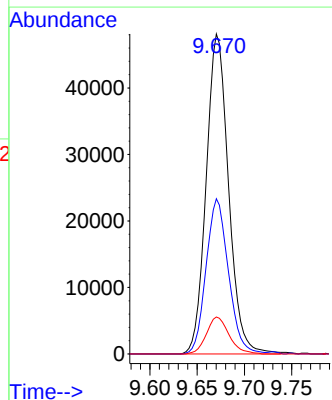
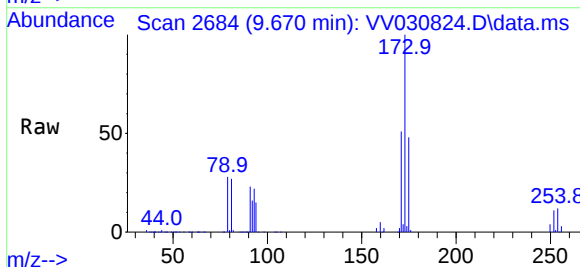
Instrument :
MSVOA_V
ClientSampleId :
VSTD050339

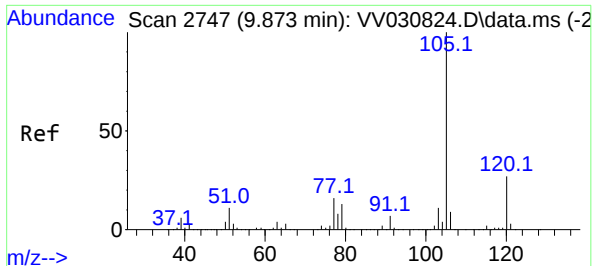
Tgt Ion: 83 Resp: 139607
Ion Ratio Lower Upper
83 100
85 64.5 45.1 83.7
131 10.5 8.0 12.0



#59
Bromoform
Concen: 45.369 ug/L
RT: 9.670 min Scan# 2684
Delta R.T. -0.000 min
Lab File: VV030824.D
Acq: 25 Apr 2023 09:50

Tgt Ion: 173 Resp: 79202
Ion Ratio Lower Upper
173 100
175 48.4 38.8 58.2
254 11.7 8.2 12.4

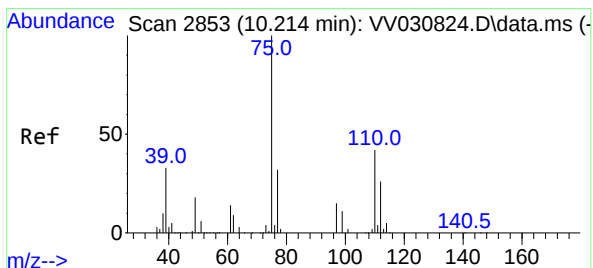
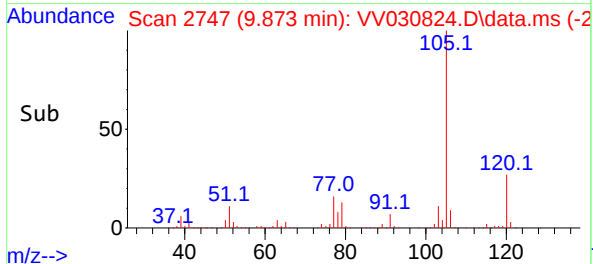
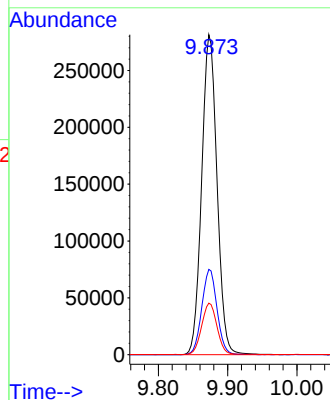
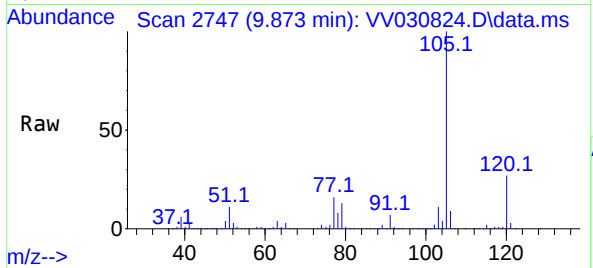




#60
Isopropylbenzene
Concen: 49.727 ug/L
RT: 9.873 min Scan# 21
Delta R.T. -0.003 min
Lab File: VV030824.D
Acq: 25 Apr 2023 09:50

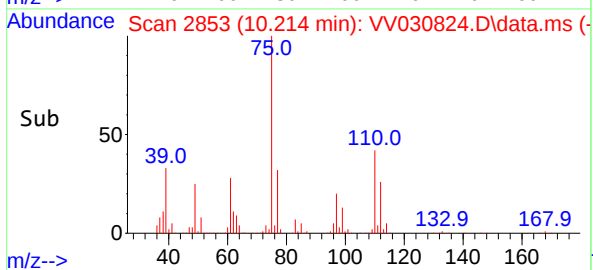
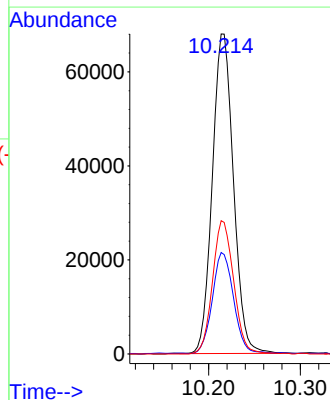
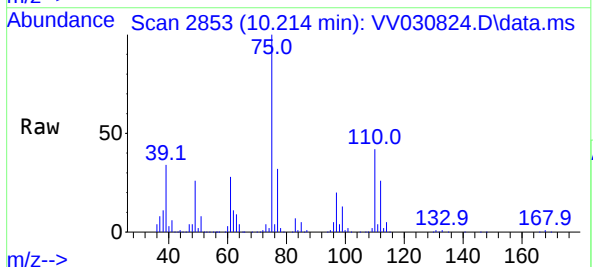
Instrument :
MSVOA_V
ClientSampleId :
VSTD050339

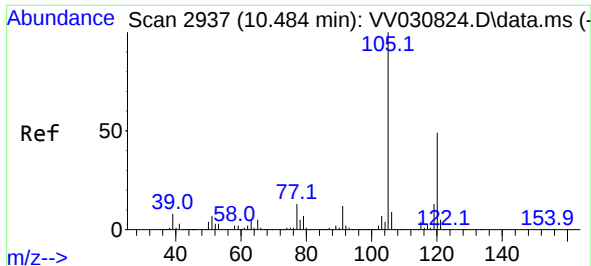
Tgt Ion:105 Resp: 432419
Ion Ratio Lower Upper
105 100
120 26.5 20.9 31.3
77 16.2 13.0 19.6



#61
1,2,3-Trichloropropane
Concen: 43.614 ug/L
RT: 10.214 min Scan# 2853
Delta R.T. -0.003 min
Lab File: VV030824.D
Acq: 25 Apr 2023 09:50

Tgt Ion: 75 Resp: 108919
Ion Ratio Lower Upper
75 100
77 31.9 25.7 38.5
110 41.8 32.8 49.2

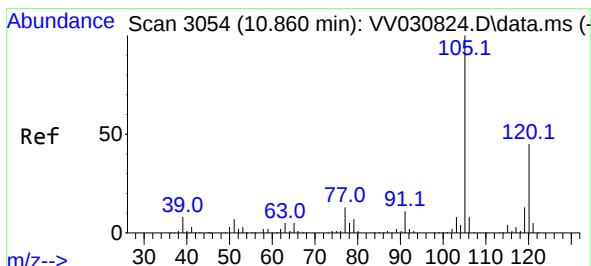
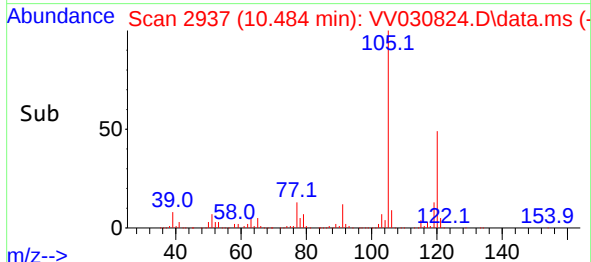
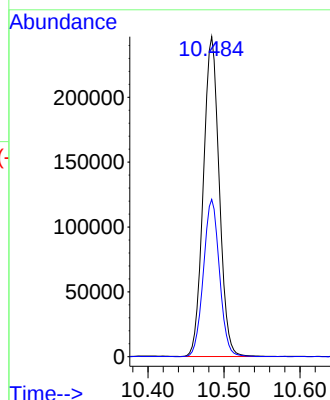
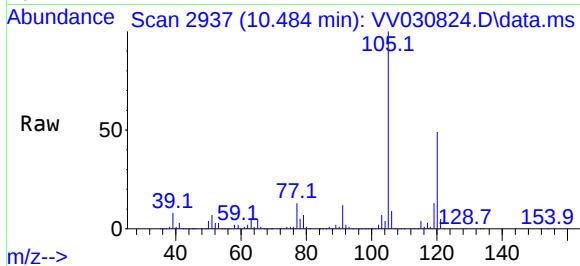




#62
1,3,5-Trimethylbenzene
Concen: 50.061 ug/L
RT: 10.484 min Scan# 2937
Delta R.T. -0.000 min
Lab File: VV030824.D
Acq: 25 Apr 2023 09:50

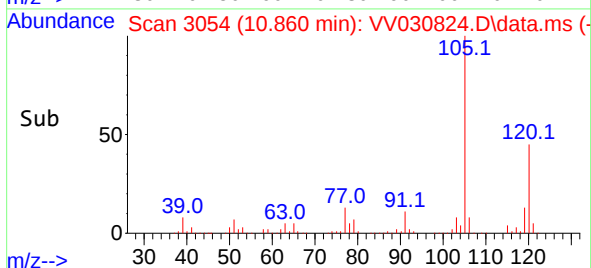
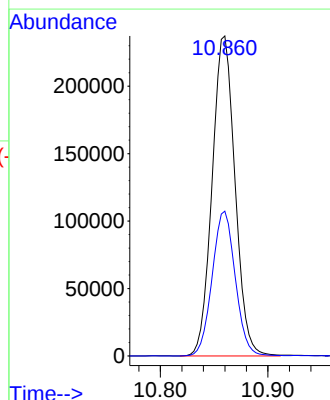
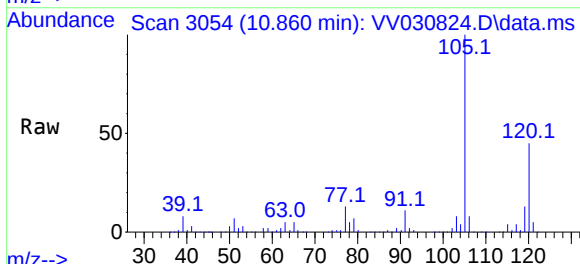
Instrument :
MSVOA_V
ClientSampleId :
VSTD050339

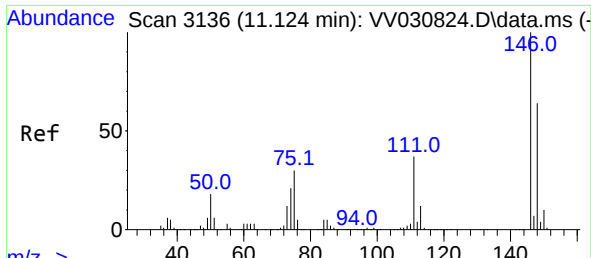
Tgt Ion:105 Resp: 358424
Ion Ratio Lower Upper
105 100
120 49.7 39.2 58.8



#63
1,2,4-Trimethylbenzene
Concen: 49.136 ug/L
RT: 10.860 min Scan# 3054
Delta R.T. -0.000 min
Lab File: VV030824.D
Acq: 25 Apr 2023 09:50

Tgt Ion:105 Resp: 351256
Ion Ratio Lower Upper
105 100
120 45.7 36.2 54.4

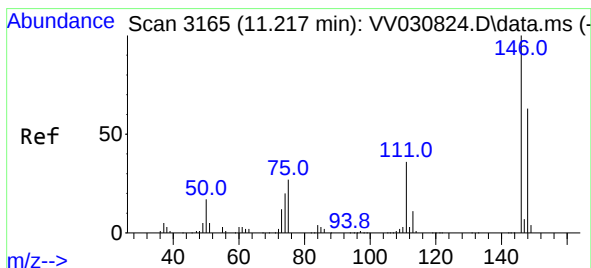
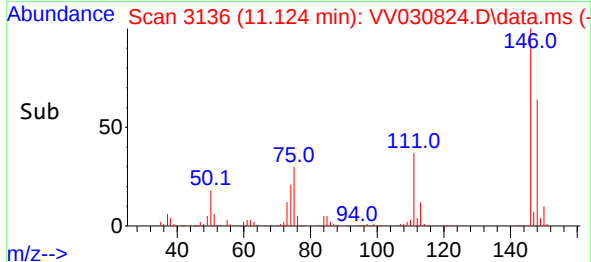
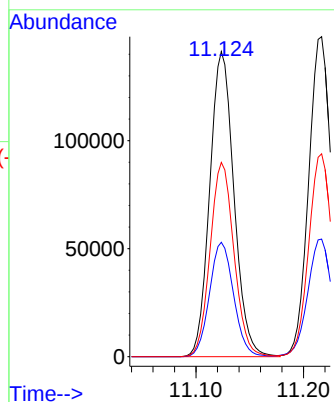
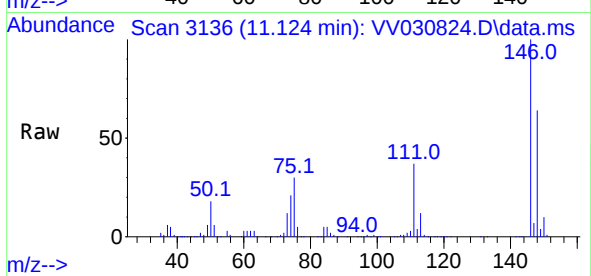




#64
1,3-Dichlorobenzene
Concen: 50.763 ug/L
RT: 11.124 min Scan# 3136
Delta R.T. -0.000 min
Lab File: VV030824.D
Acq: 25 Apr 2023 09:50

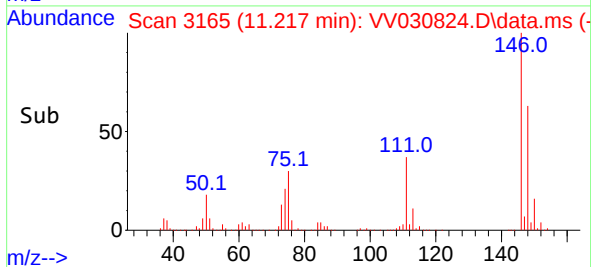
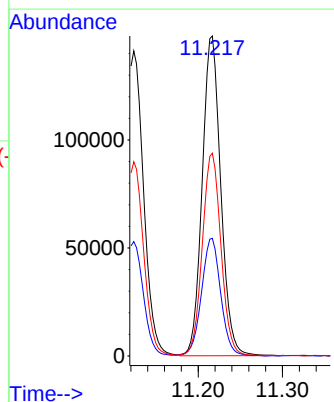
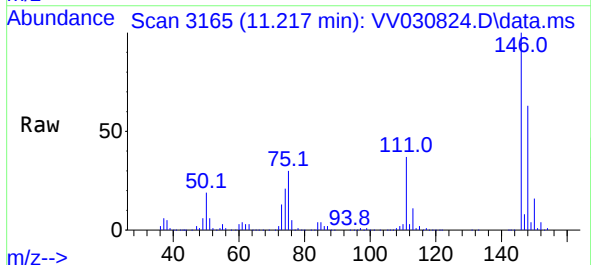
Instrument :
MSVOA_V
ClientSampleId :
VSTD050339

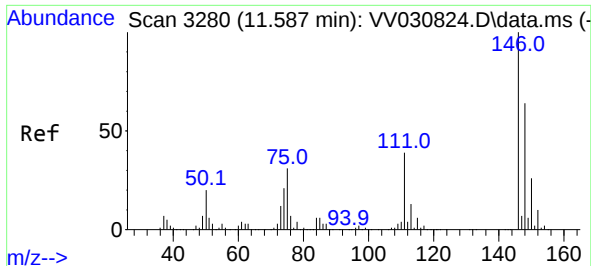
Tgt Ion:146 Resp: 221005
Ion Ratio Lower Upper
146 100
111 37.5 27.0 50.2
148 63.7 44.8 83.2



#65
1,4-Dichlorobenzene
Concen: 49.533 ug/L
RT: 11.217 min Scan# 3165
Delta R.T. -0.000 min
Lab File: VV030824.D
Acq: 25 Apr 2023 09:50

Tgt Ion:146 Resp: 227402
Ion Ratio Lower Upper
146 100
111 36.7 26.5 49.1
148 63.4 44.7 83.1





#67

1,2-Dichlorobenzene

Concen: 49.509 ug/L

RT: 11.587 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV030824.D

Acq: 25 Apr 2023 09:50

Instrument :

MSVOA_V

ClientSampleId :

VSTD050339

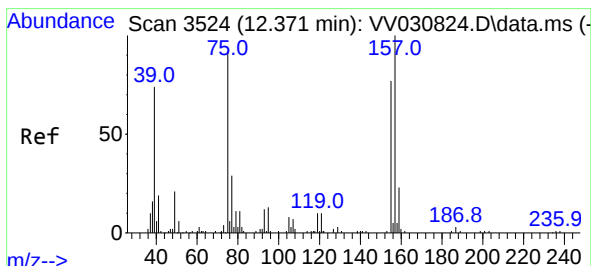
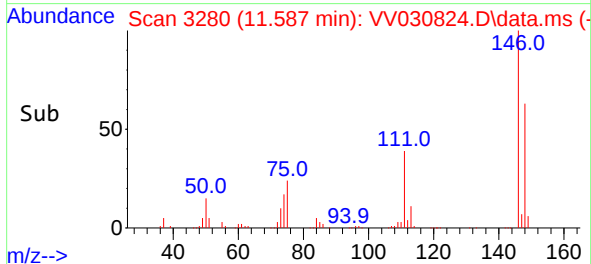
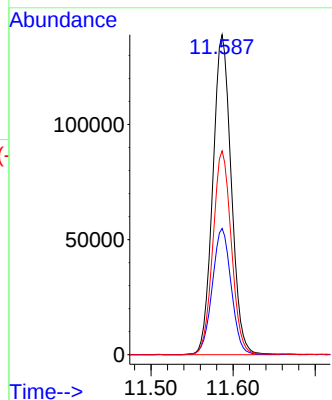
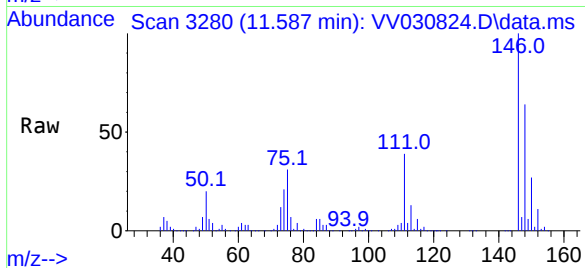
Tgt Ion:146 Resp: 217450

Ion Ratio Lower Upper

146 100

111 39.4 32.0 48.0

148 63.7 50.6 76.0



#68

1,2-Dibromo-3-chloropropane

Concen: 41.698 ug/L

RT: 12.371 min Scan# 3524

Delta R.T. -0.000 min

Lab File: VV030824.D

Acq: 25 Apr 2023 09:50

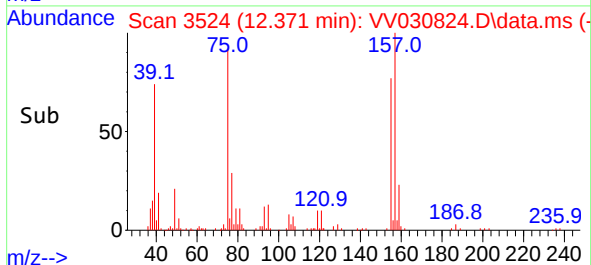
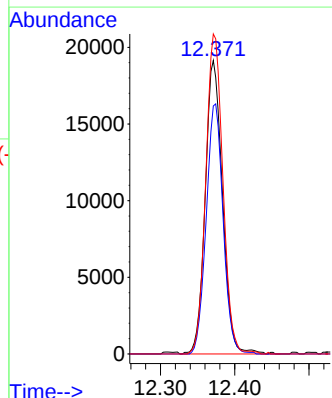
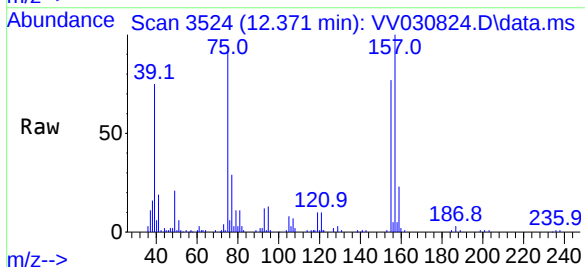
Tgt Ion: 75 Resp: 30852

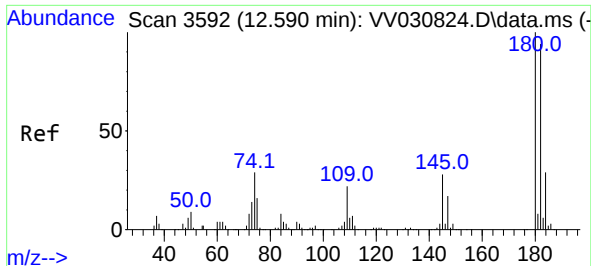
Ion Ratio Lower Upper

75 100

155 84.5 65.0 97.6

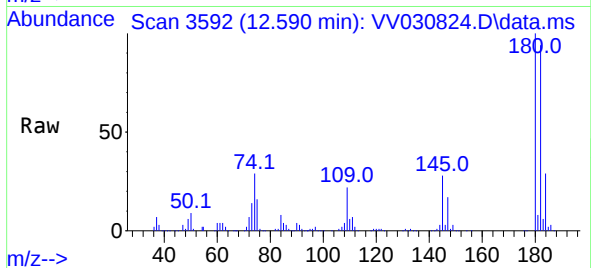
157 109.0 84.4 126.6



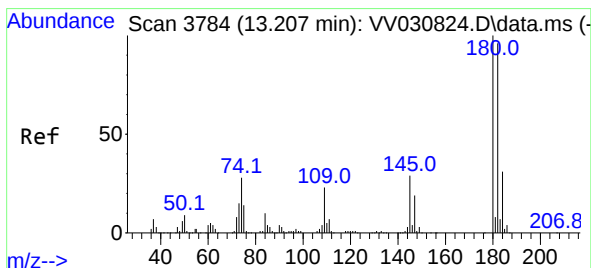
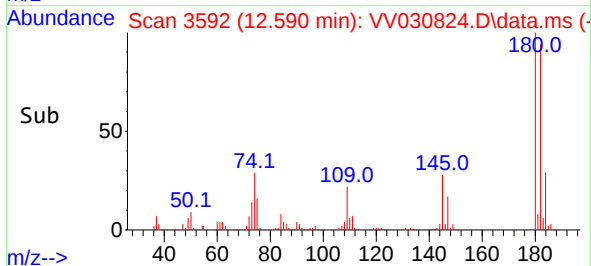
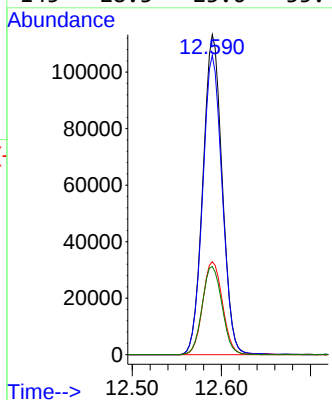


#69
1,3,5-Trichlorobenzene
Concen: 51.621 ug/L
RT: 12.590 min Scan# 3592
Delta R.T. -0.000 min
Lab File: VV030824.D
Acq: 25 Apr 2023 09:50

Instrument :
MSVOA_V
ClientSampleId :
VSTD050339

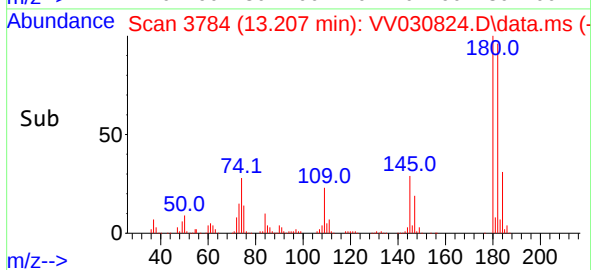
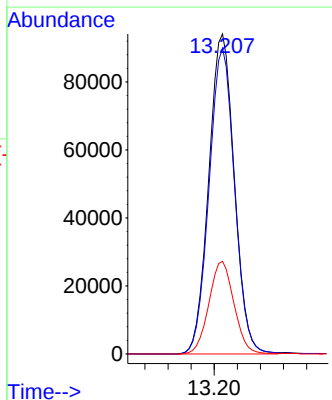
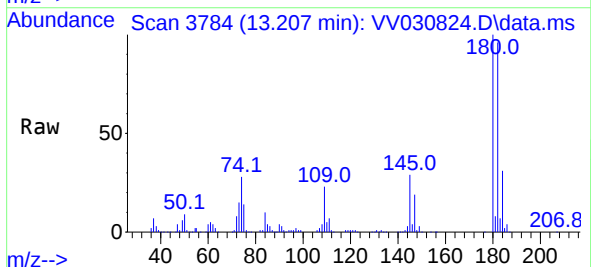


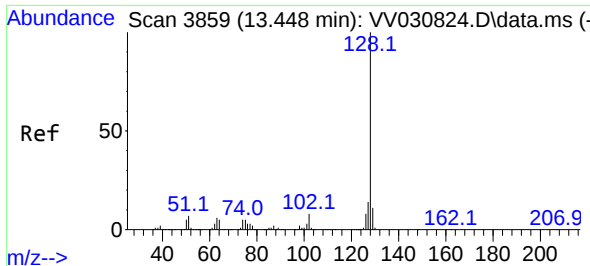
Tgt Ion:180 Resp: 169771
Ion Ratio Lower Upper
180 100
182 94.7 76.4 114.6
184 29.8 24.1 36.1
145 28.3 23.6 35.4



#70
1,2,4-trichlorobenzene
Concen: 51.796 ug/L
RT: 13.207 min Scan# 3784
Delta R.T. -0.000 min
Lab File: VV030824.D
Acq: 25 Apr 2023 09:50

Tgt Ion:180 Resp: 144633
Ion Ratio Lower Upper
180 100
182 95.1 75.9 113.9
145 28.4 23.4 35.2

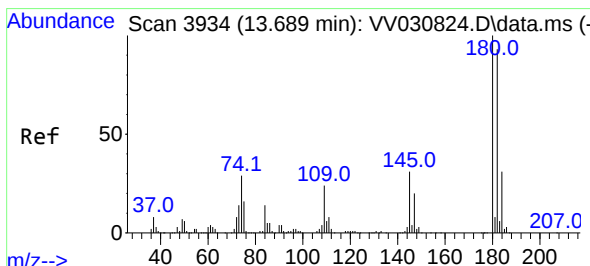
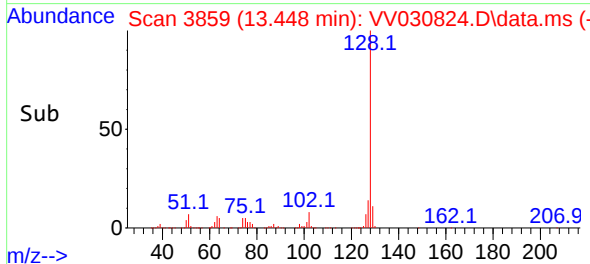
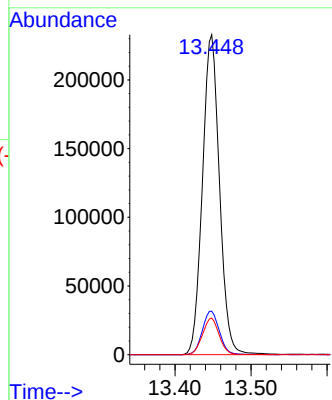
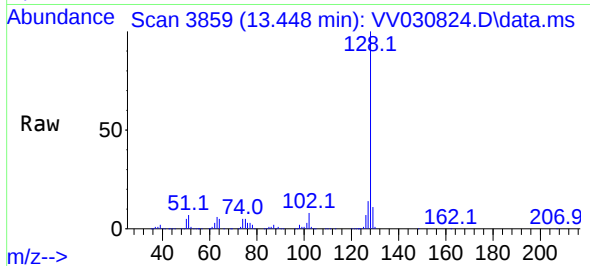




#71
Naphthalene
Concen: 47.437 ug/L
RT: 13.448 min Scan# 3859
Delta R.T. -0.000 min
Lab File: VV030824.D
Acq: 25 Apr 2023 09:50

Instrument :
MSVOA_V
ClientSampleId :
VSTD050339

Tgt Ion:128 Resp: 362347
Ion Ratio Lower Upper
128 100
127 13.5 10.7 16.1
129 11.2 8.6 13.0



#72
1,2,3-Trichlorobenzene
Concen: 52.590 ug/L
RT: 13.689 min Scan# 3934
Delta R.T. -0.000 min
Lab File: VV030824.D
Acq: 25 Apr 2023 09:50

Tgt Ion:180 Resp: 145618
Ion Ratio Lower Upper
180 100
182 94.4 76.2 114.4
145 31.0 25.1 37.7

