

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW042423\
 Data File : VW030807.D
 Acq On : 24 Apr 2023 20:57
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050337

Quant Time: Apr 25 05:30:14 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	5.542	114	253622	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.793	117	248237	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	149919	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	66044	35.522	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	71.040%
7) Chloroethane-d5	1.539	69	62257	39.958	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	79.920%
11) 1,1-Dichloroethene-d2	2.066	65	35299	40.035	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	80.060%
21) 2-Butanone-d5	3.802	46	102670	100.538	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	100.540%
24) Chloroform-d	4.262	84	150965	44.805	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.600%
26) 1,2-Dichloroethane-d4	4.950	65	102802	47.456	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.920%
32) Benzene-d6	4.970	84	263686	44.928	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.860%
36) 1,2-Dichloropropane-d6	5.995	67	80295	44.044	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	88.080%
41) Toluene-d8	7.249	98	256542	46.556	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.120%
43) trans-1,3-Dichloroprop...	7.558	79	42523	46.278	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.560%
47) 2-Hexanone-d5	8.034	63	67926	94.581	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	94.580%
56) 1,1,2,2-Tetrachloroeth...	10.159	84	128280	48.492	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.980%
66) 1,2-Dichlorobenzene-d4	11.567	152	112900	47.379	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.760%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	90106	41.322	ug/L	99
3) Chloromethane	1.217	50	105068	36.732	ug/L	99
5) Vinyl chloride	1.288	62	95529	41.424	ug/L	100
6) Bromomethane	1.494	94	44172	48.305	ug/L	97
8) Chloroethane	1.555	64	67264	42.525	ug/L	98
9) Trichlorofluoromethane	1.719	101	169897	45.456	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.076	101	84060	42.795	ug/L	97
12) 1,1-Dichloroethene	2.076	96	78570	44.242	ug/L	91
13) Acetone	2.130	43	100183	63.398	ug/L	100
14) Carbon disulfide	2.246	76	197989	39.471	ug/L	100
15) Methyl Acetate	2.381	43	95971	45.510	ug/L	98
16) Methylene chloride	2.455	84	85044	41.847	ug/L	95
17) trans-1,2-Dichloroethene	2.703	96	76900	42.894	ug/L	96
18) Methyl tert-butyl Ether	2.712	73	269756	46.976	ug/L	98
19) 1,1-Dichloroethane	3.121	63	159811	43.721	ug/L	99
20) cis-1,2-Dichloroethene	3.828	96	86703	44.458	ug/L	97
22) 2-Butanone	3.883	43	131165	80.321	ug/L	99
23) Bromochloromethane	4.156	128	49639	45.573	ug/L	98
25) Chloroform	4.288	83	171121	45.231	ug/L	98

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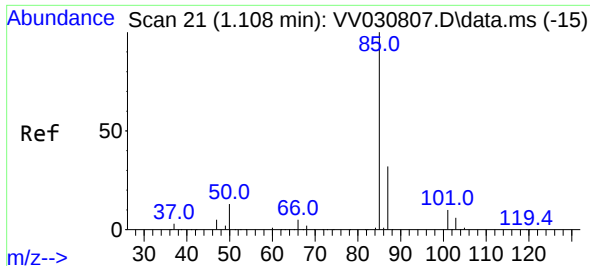
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 Quant Title : VOC Analysis
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.050	62	151730	47.378	ug/L	97
29) Cyclohexane	4.593	56	125073	41.985	ug/L	98
30) 1,1,1-Trichloroethane	4.523	97	161595	46.328	ug/L	99
31) Carbon tetrachloride	4.748	117	143057	45.872	ug/L	98
33) Benzene	5.021	78	342277	45.406	ug/L	100
34) Trichloroethene	5.841	95	87744	44.750	ug/L	96
35) Methylcyclohexane	6.060	83	134924	43.916	ug/L	98
37) 1,2-Dichloropropane	6.101	63	88357	43.548	ug/L	99
38) Bromodichloromethane	6.439	83	129687	45.502	ug/L	98
39) cis-1,3-Dichloropropene	6.960	75	137947	45.300	ug/L	98
40) 4-Methyl-2-pentanone	7.166	43	269593	95.121	ug/L	99
42) Toluene	7.323	91	380861	47.170	ug/L	97
44) trans-1,3-Dichloropropene	7.587	75	136910	45.762	ug/L	99
45) 1,1,2-Trichloroethane	7.777	97	92841	45.633	ug/L	99
46) Tetrachloroethene	7.912	164	78098	45.505	ug/L	99
48) 2-Hexanone	8.082	43	211290	90.351	ug/L	99
49) Dibromochloromethane	8.185	129	102093	45.494	ug/L	96
50) 1,2-Dibromoethane	8.288	107	96545	45.798	ug/L	98
51) Chlorobenzene	8.821	112	248116	46.400	ug/L	99
52) Ethylbenzene	8.953	91	419711	46.955	ug/L	99
53) m,p-Xylene	9.079	106	163096	48.306	ug/L	98
54) o-Xylene	9.487	106	156328	47.329	ug/L	97
55) Styrene	9.503	104	285323	49.177	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.185	83	152415	45.629	ug/L	99
59) Bromoform	9.670	173	85926	45.779	ug/L	99
60) Isopropylbenzene	9.876	105	429854	45.975	ug/L	99
61) 1,2,3-Trichloropropane	10.217	75	117177	43.639	ug/L	99
62) 1,3,5-Trimethylbenzene	10.484	105	348876	45.320	ug/L	99
63) 1,2,4-Trimethylbenzene	10.860	105	348245	45.308	ug/L	99
64) 1,3-Dichlorobenzene	11.124	146	214954	45.920	ug/L	99
65) 1,4-Dichlorobenzene	11.217	146	220694	44.710	ug/L	99
67) 1,2-Dichlorobenzene	11.587	146	217075	45.967	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.371	75	35577	44.721	ug/L	98
69) 1,3,5-Trichlorobenzene	12.590	180	158077	44.704	ug/L	100
70) 1,2,4-trichlorobenzene	13.207	180	128120	42.673	ug/L	99
71) Naphthalene	13.448	128	343393	41.811	ug/L	99
72) 1,2,3-Trichlorobenzene	13.689	180	131533	44.181	ug/L	99

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

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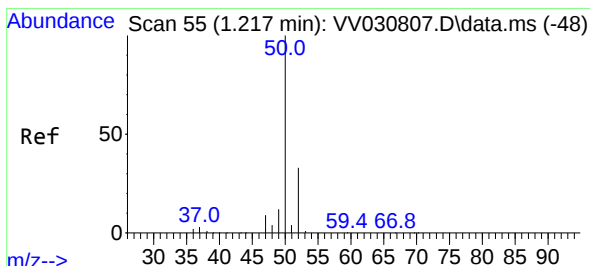
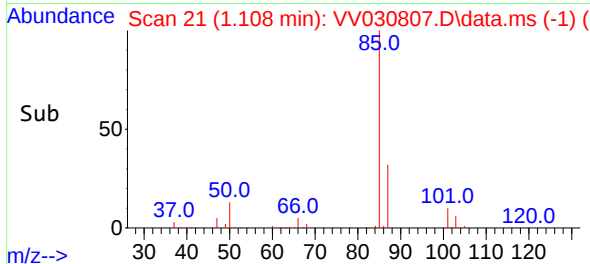
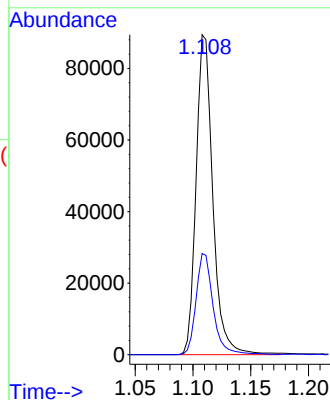
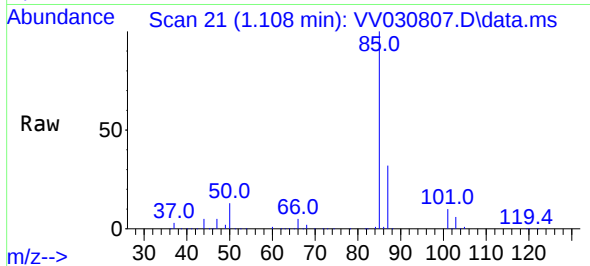




#2
 Dichlorodifluoromethane
 Concen: 41.322 ug/L
 RT: 1.108 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VV030807.D
 Acq: 24 Apr 2023 20:57

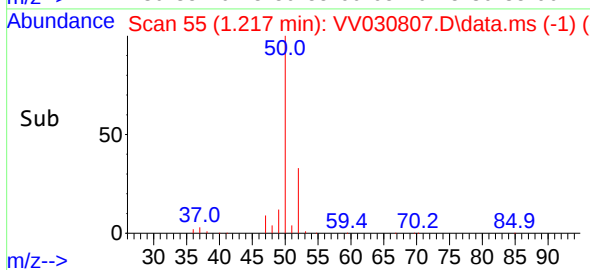
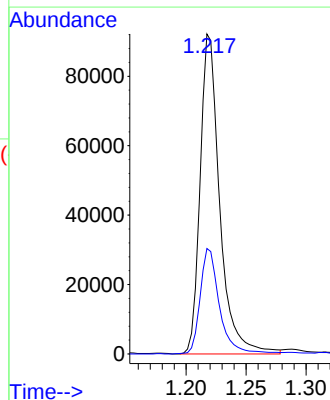
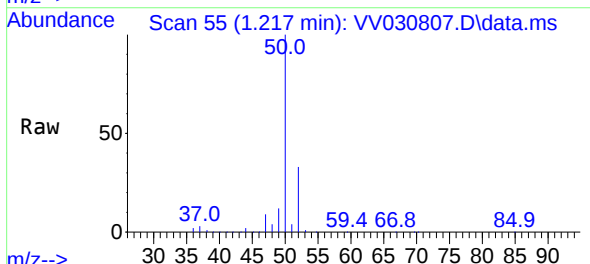
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050337

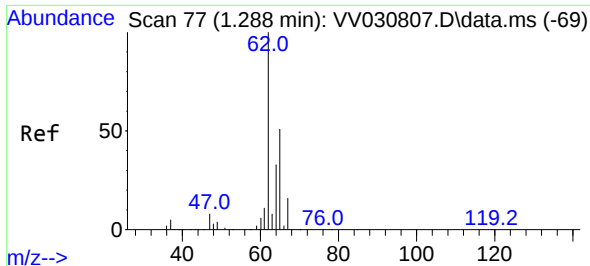
Tgt Ion: 85 Resp: 90106
 Ion Ratio Lower Upper
 85 100
 87 32.3 25.6 38.4



#3
 Chloromethane
 Concen: 36.732 ug/L
 RT: 1.217 min Scan# 55
 Delta R.T. -0.000 min
 Lab File: VV030807.D
 Acq: 24 Apr 2023 20:57

Tgt Ion: 50 Resp: 105068
 Ion Ratio Lower Upper
 50 100
 52 33.0 22.5 41.9

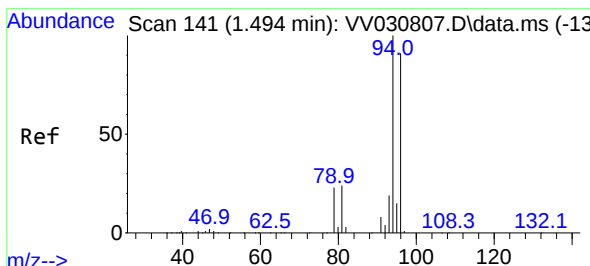
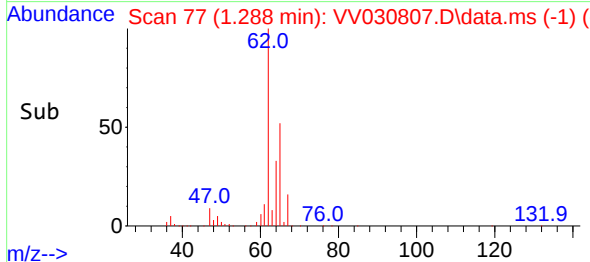
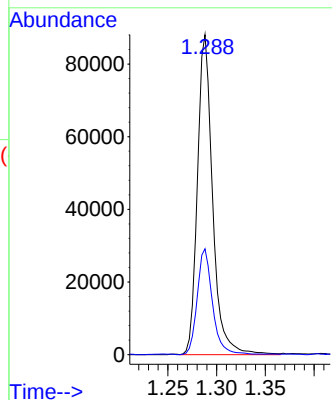
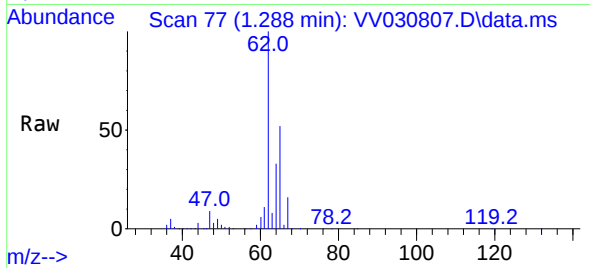




#5
 Vinyl chloride
 Concen: 41.424 ug/L
 RT: 1.288 min Scan# 77
 Delta R.T. -0.000 min
 Lab File: VV030807.D
 Acq: 24 Apr 2023 20:57

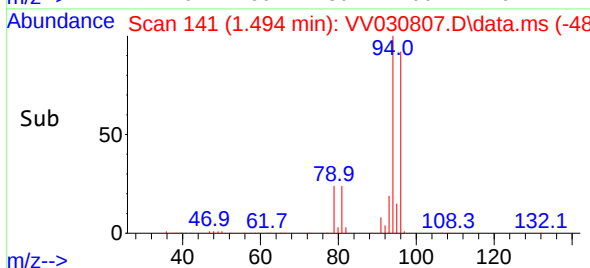
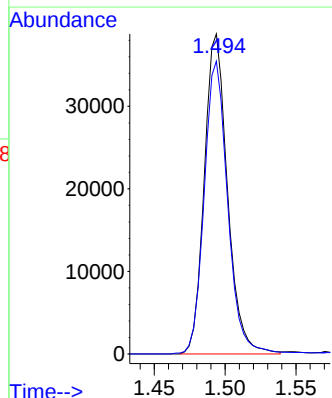
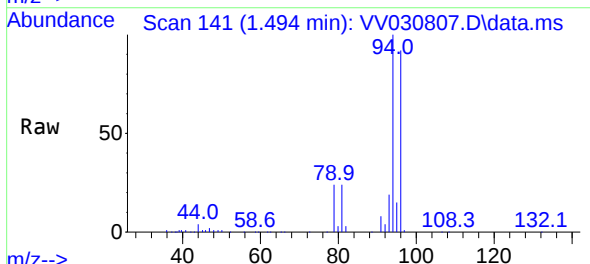
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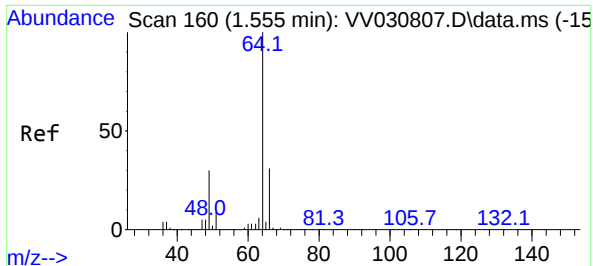
Tgt Ion: 62 Resp: 95529
 Ion Ratio Lower Upper
 62 100
 64 33.1 23.4 43.4



#6
 Bromomethane
 Concen: 48.305 ug/L
 RT: 1.494 min Scan# 141
 Delta R.T. -0.000 min
 Lab File: VV030807.D
 Acq: 24 Apr 2023 20:57

Tgt Ion: 94 Resp: 44172
 Ion Ratio Lower Upper
 94 100
 96 91.5 66.3 123.1

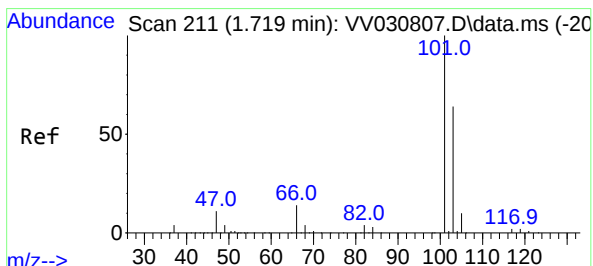
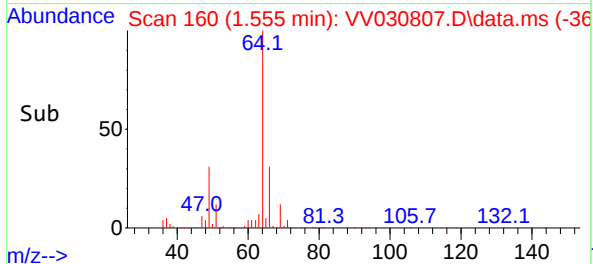
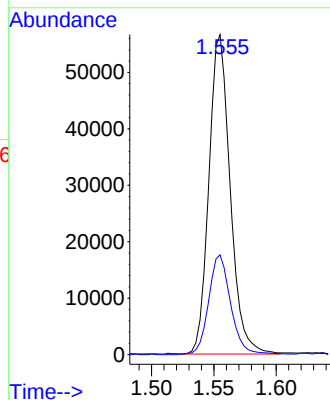
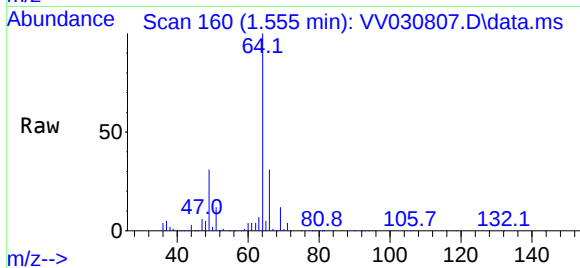




#8
Chloroethane
Concen: 42.525 ug/L
RT: 1.555 min Scan# 160
Delta R.T. -0.000 min
Lab File: VV030807.D
Acq: 24 Apr 2023 20:57

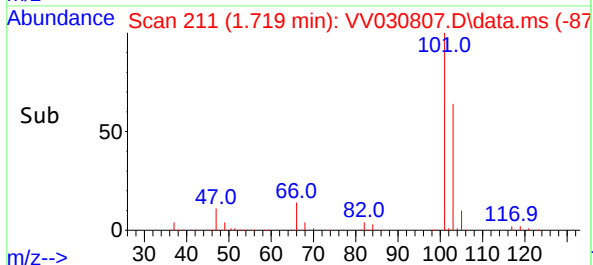
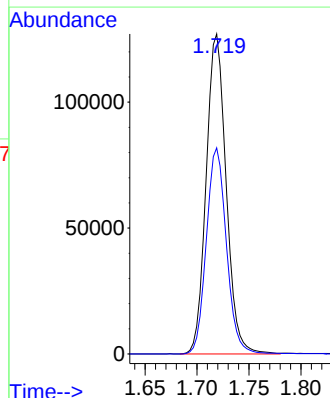
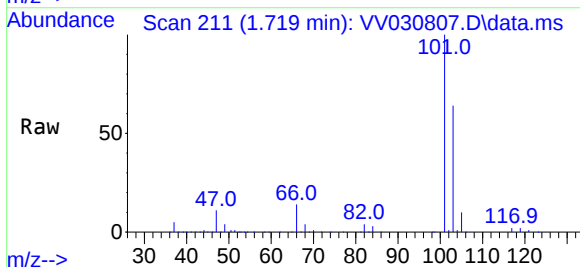
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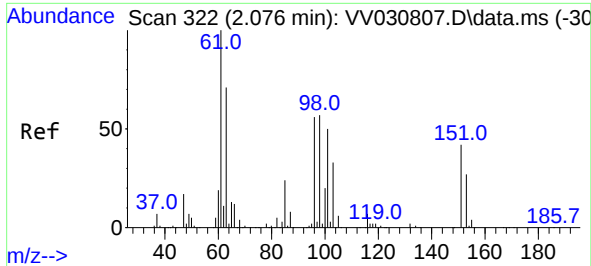
Tgt Ion: 64 Resp: 67264
Ion Ratio Lower Upper
64 100
66 31.2 22.7 42.3



#9
Trichlorofluoromethane
Concen: 45.456 ug/L
RT: 1.719 min Scan# 211
Delta R.T. -0.000 min
Lab File: VV030807.D
Acq: 24 Apr 2023 20:57

Tgt Ion:101 Resp: 169897
Ion Ratio Lower Upper
101 100
103 64.6 51.4 77.0

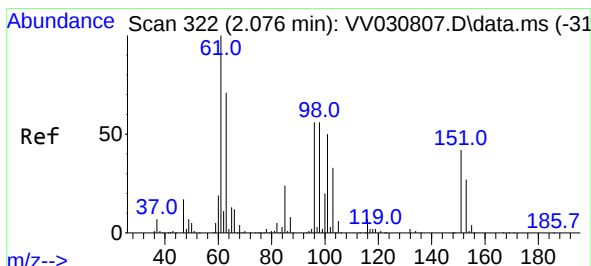
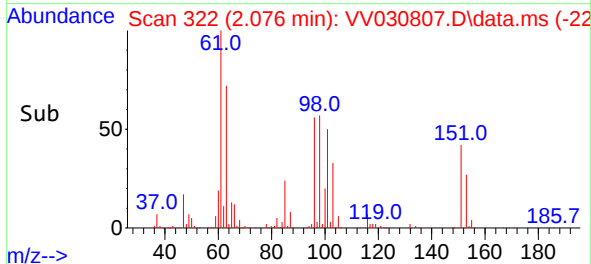
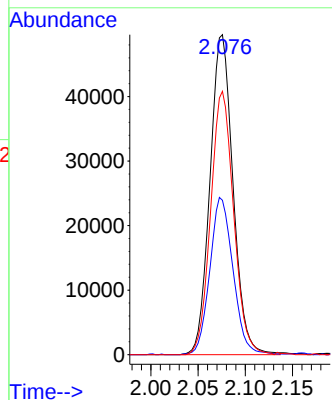
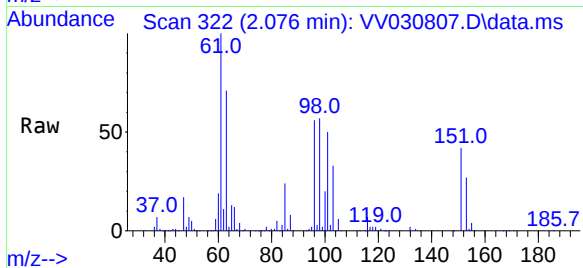




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 42.795 ug/L
RT: 2.076 min Scan# 311
Delta R.T. -0.000 min
Lab File: VV030807.D
Acq: 24 Apr 2023 20:57

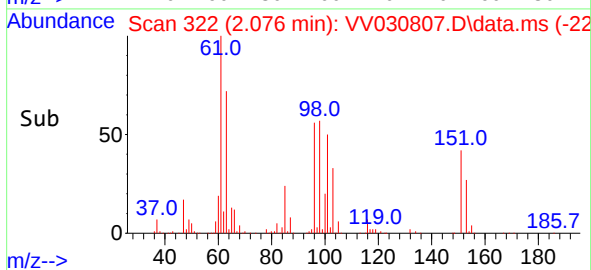
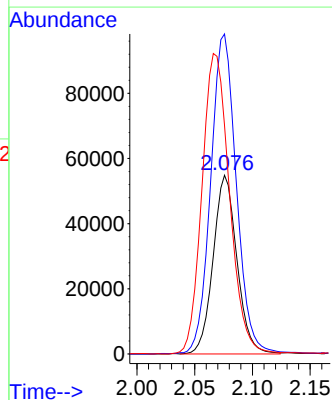
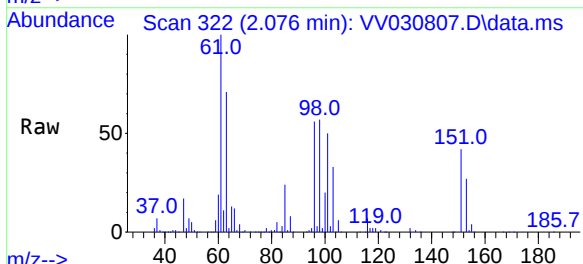
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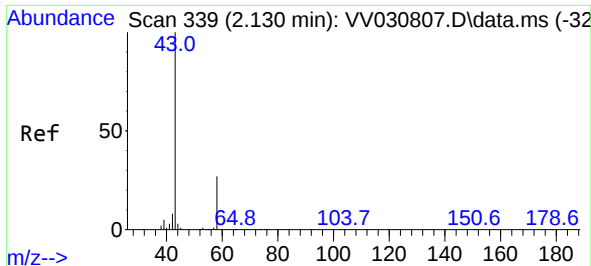
Tgt Ion:101 Resp: 84060
Ion Ratio Lower Upper
101 100
85 49.5 37.5 56.3
151 82.1 63.5 95.3



#12
1,1-Dichloroethene
Concen: 44.242 ug/L
RT: 2.076 min Scan# 322
Delta R.T. -0.000 min
Lab File: VV030807.D
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Tgt Ion: 96 Resp: 78570
Ion Ratio Lower Upper
96 100
61 179.1 131.9 245.0
63 128.0 99.8 185.3





#13

Acetone

Concen: 63.398 ug/L

RT: 2.130 min Scan# 311

Delta R.T. -0.000 min

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Acq: 24 Apr 2023 20:57

Instrument :

MSVOA_V

ClientSampleId :

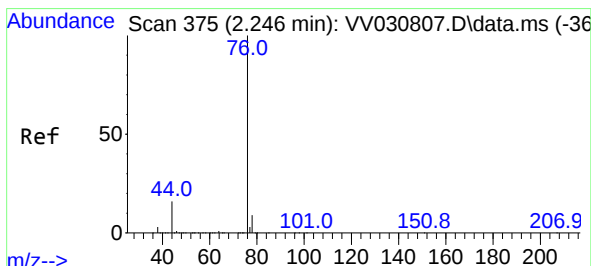
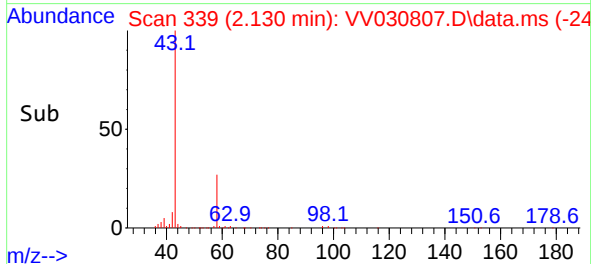
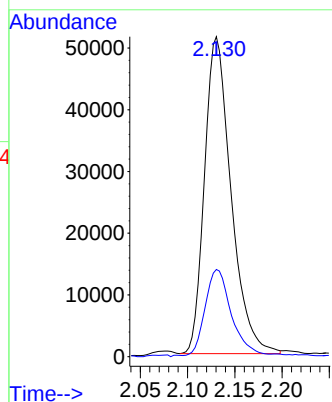
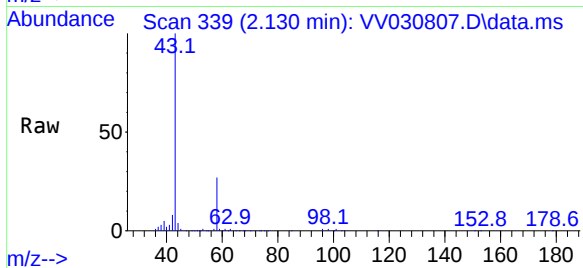
VSTD050337

Tgt Ion: 43 Resp: 100183

Ion Ratio Lower Upper

43 100

58 26.6 0.0 52.8



#14

Carbon disulfide

Concen: 39.471 ug/L

RT: 2.246 min Scan# 375

Delta R.T. -0.000 min

Lab File: VV030807.D

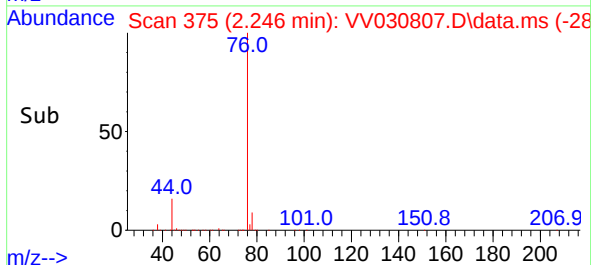
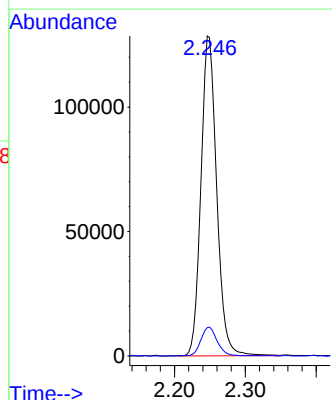
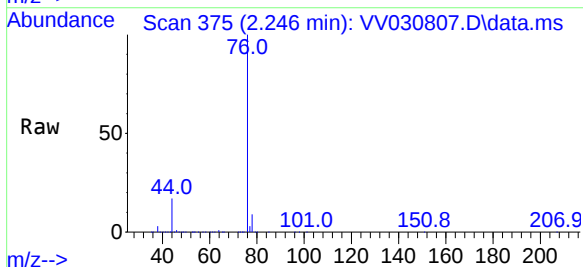
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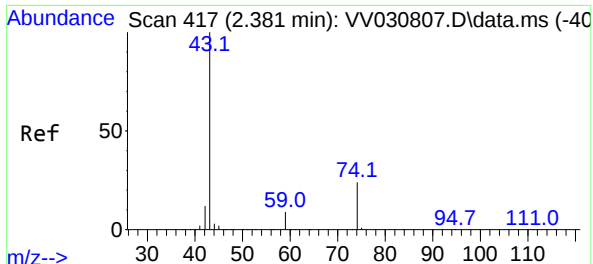
Tgt Ion: 76 Resp: 197989

Ion Ratio Lower Upper

76 100

78 8.9 7.0 10.4





#15

Methyl Acetate

Concen: 45.510 ug/L

RT: 2.381 min Scan# 417

Delta R.T. -0.000 min

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ClientSampleId :

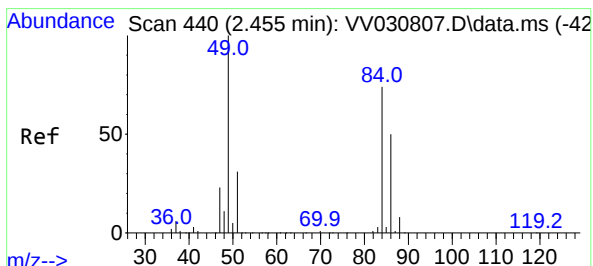
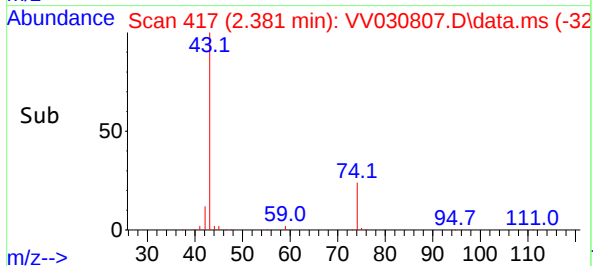
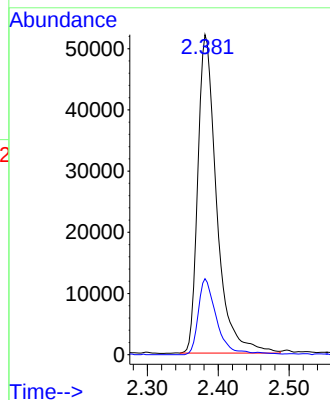
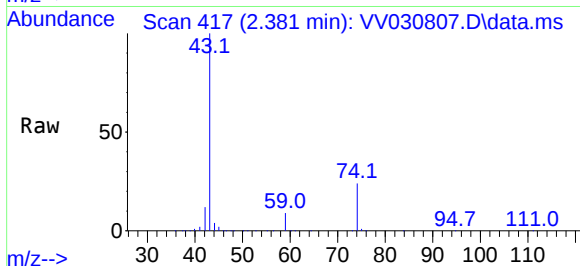
VSTD050337

Tgt Ion: 43 Resp: 95971

Ion Ratio Lower Upper

43 100

74 22.9 17.7 26.5



#16

Methylene chloride

Concen: 41.847 ug/L

RT: 2.455 min Scan# 440

Delta R.T. -0.000 min

Lab File: VV030807.D

Acq: 24 Apr 2023 20:57

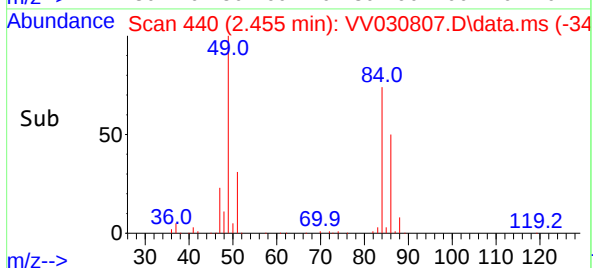
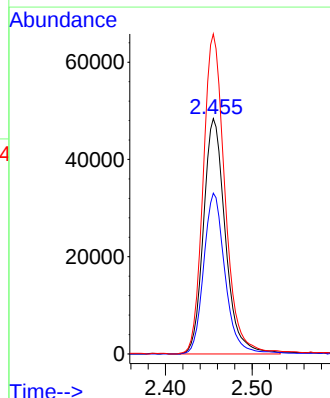
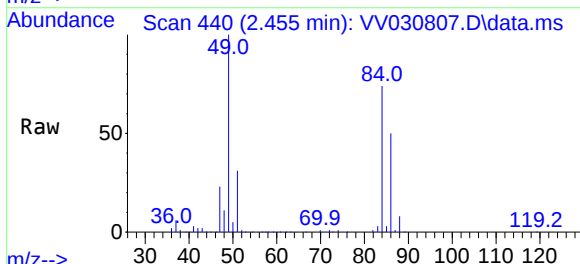
Tgt Ion: 84 Resp: 85044

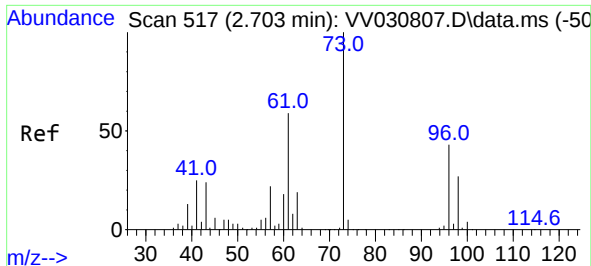
Ion Ratio Lower Upper

84 100

86 68.4 45.4 84.2

49 136.0 90.4 168.0

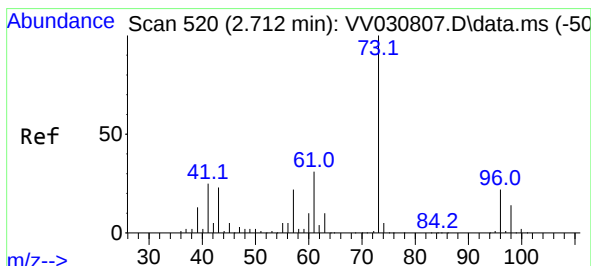
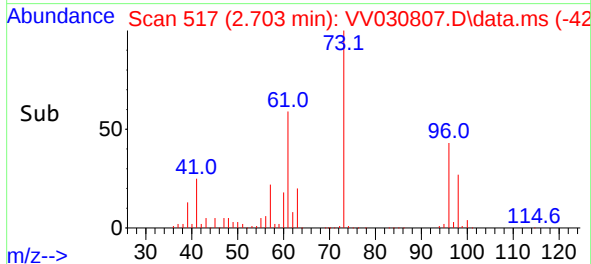
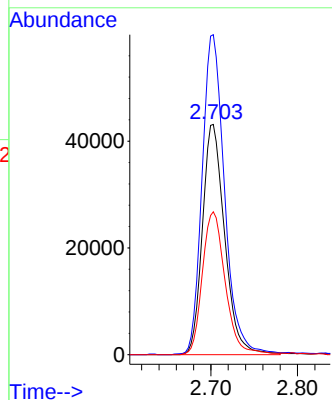
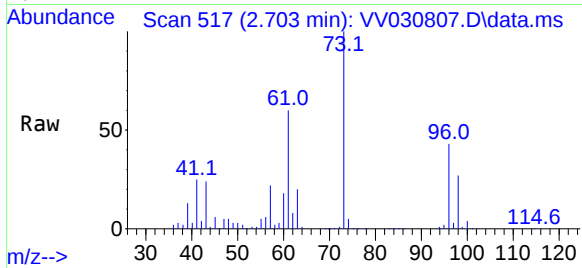




#17
trans-1,2-Dichloroethene
Concen: 42.894 ug/L
RT: 2.703 min Scan# 517
Delta R.T. 0.003 min
Lab File: VV030807.D
Acq: 24 Apr 2023 20:57

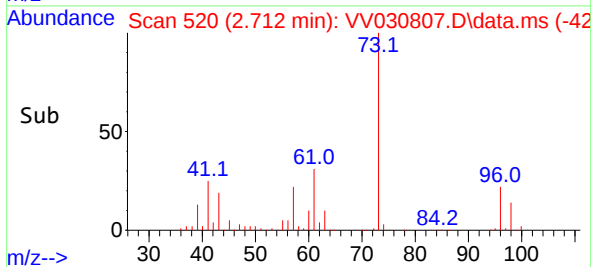
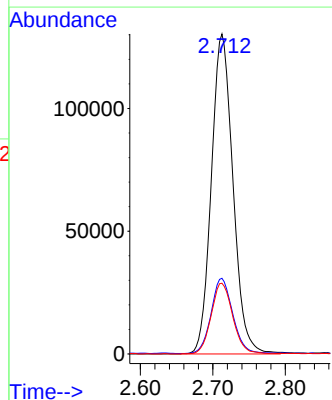
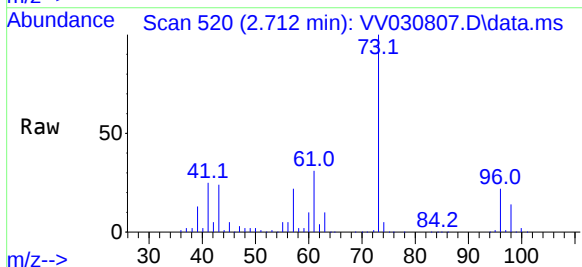
Instrument :
MSVOA_V
ClientSampleId :
VSTD050337

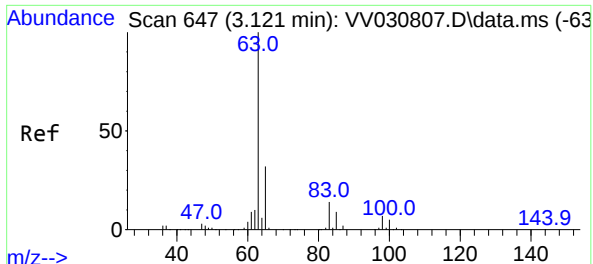
Tgt Ion: 96 Resp: 76900
Ion Ratio Lower Upper
96 100
61 139.0 101.0 187.6
98 62.1 45.4 84.2



#18
Methyl tert-butyl Ether
Concen: 46.976 ug/L
RT: 2.712 min Scan# 520
Delta R.T. -0.000 min
Lab File: VV030807.D
Acq: 24 Apr 2023 20:57

Tgt Ion: 73 Resp: 269756
Ion Ratio Lower Upper
73 100
43 23.5 17.6 26.4
57 21.8 18.2 27.2



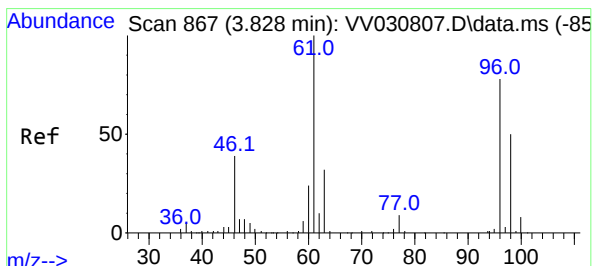
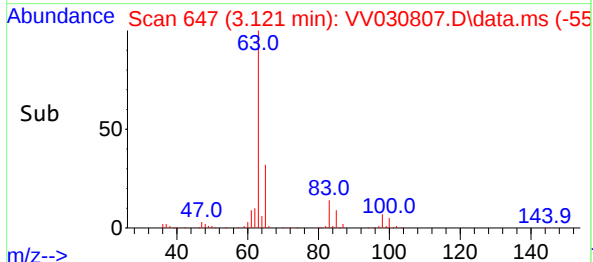
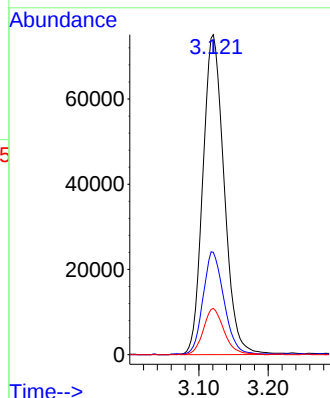
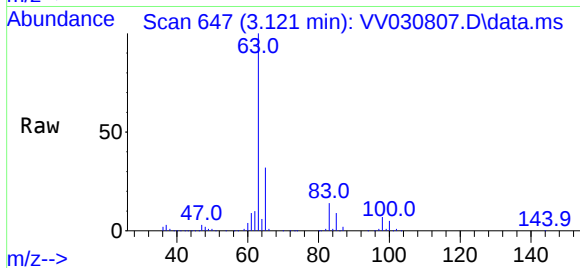


#19
1,1-Dichloroethane
Concen: 43.721 ug/L
RT: 3.121 min Scan# 647
Delta R.T. -0.000 min
Lab File: VV030807.D
Acq: 24 Apr 2023 20:57

Instrument :
MSVOA_V
ClientSampleId :
VSTD050337

Tgt Ion: 63 Resp: 159811

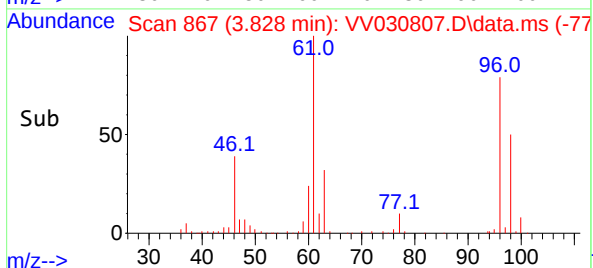
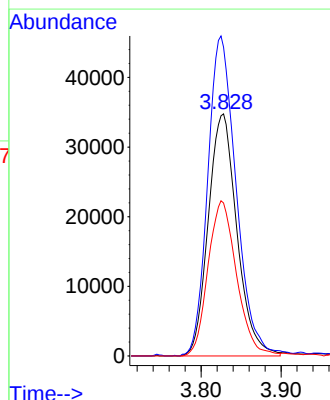
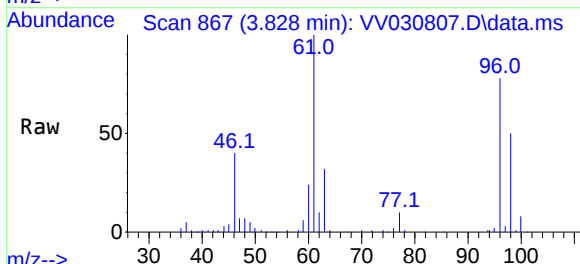
Ion	Ratio	Lower	Upper
63	100		
65	32.0	21.8	40.6
83	14.5	10.2	19.0

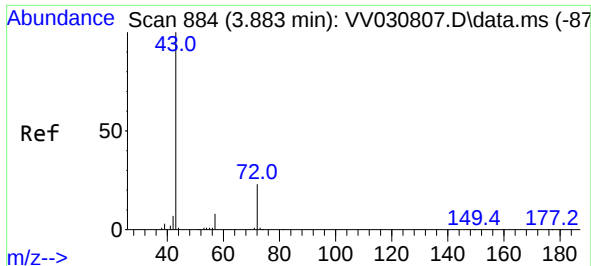


#20
cis-1,2-Dichloroethene
Concen: 44.458 ug/L
RT: 3.828 min Scan# 867
Delta R.T. 0.003 min
Lab File: VV030807.D
Acq: 24 Apr 2023 20:57

Tgt Ion: 96 Resp: 86703

Ion	Ratio	Lower	Upper
96	100		
61	127.5	92.3	171.3
98	63.2	45.9	85.3

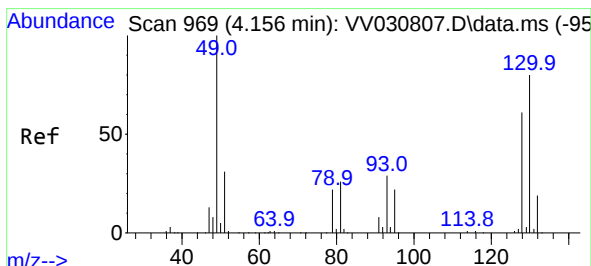
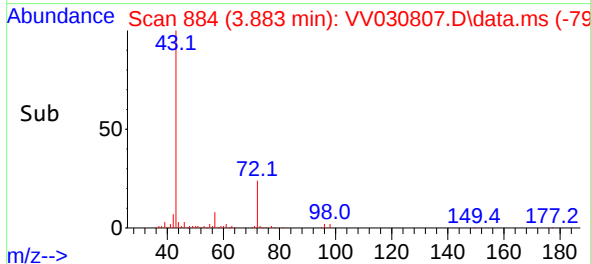
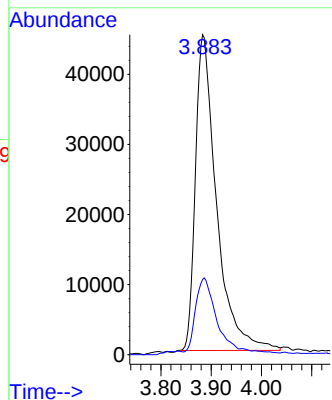
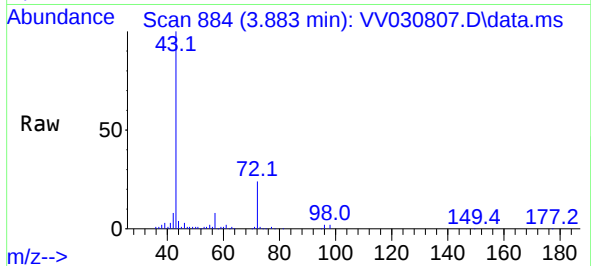




#22
2-Butanone
Concen: 80.321 ug/L
RT: 3.883 min Scan# 884
Delta R.T. -0.000 min
Lab File: VV030807.D
Acq: 24 Apr 2023 20:57

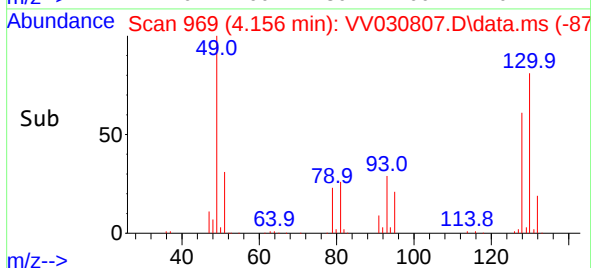
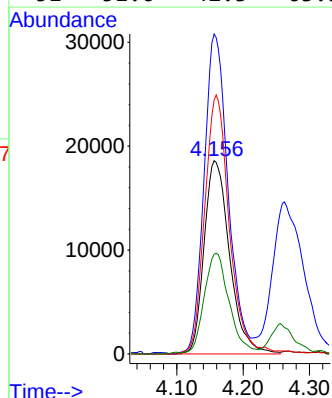
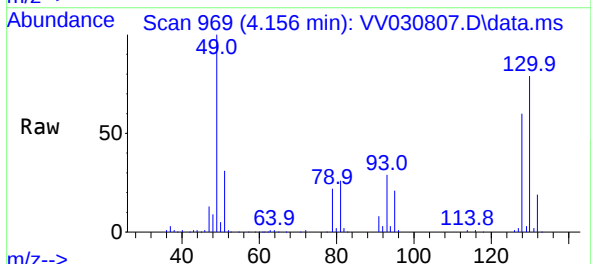
Instrument :
MSVOA_V
ClientSampleId :
VSTD050337

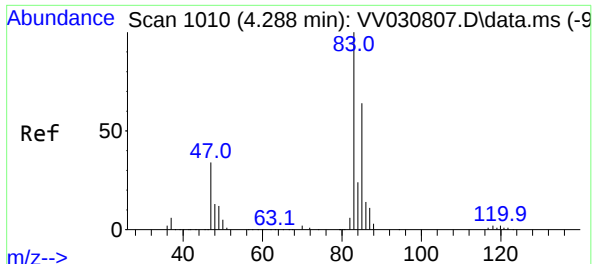
Tgt Ion: 43 Resp: 131165
Ion Ratio Lower Upper
43 100
72 22.4 11.5 34.4



#23
Bromochloromethane
Concen: 45.573 ug/L
RT: 4.156 min Scan# 969
Delta R.T. -0.003 min
Lab File: VV030807.D
Acq: 24 Apr 2023 20:57

Tgt Ion: 128 Resp: 49639
Ion Ratio Lower Upper
128 100
49 165.5 114.7 213.1
130 131.3 89.0 165.2
51 51.6 42.3 63.5

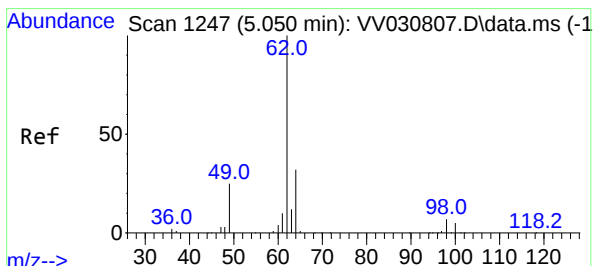
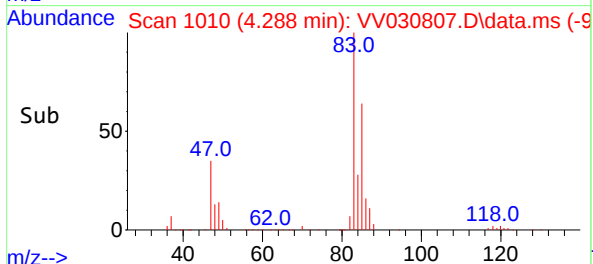
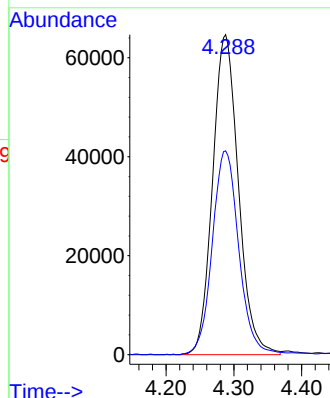
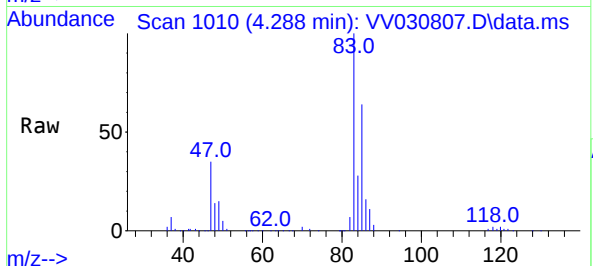




#25
Chloroform
Concen: 45.231 ug/L
RT: 4.288 min Scan# 1010
Delta R.T. 0.003 min
Lab File: VV030807.D
Acq: 24 Apr 2023 20:57

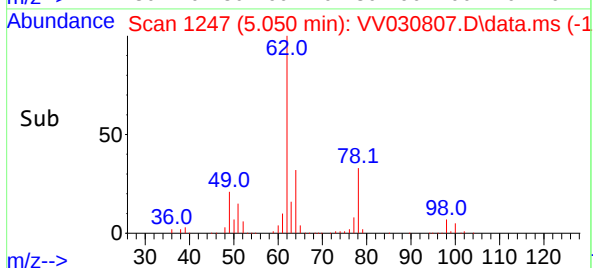
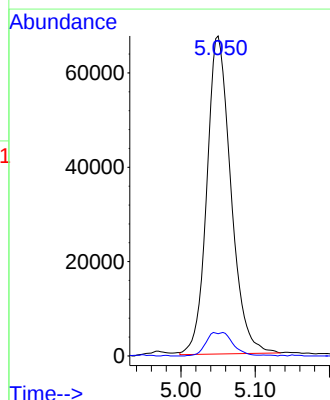
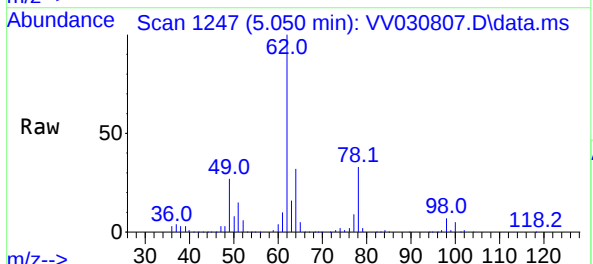
Instrument :
MSVOA_V
ClientSampleId :
VSTD050337

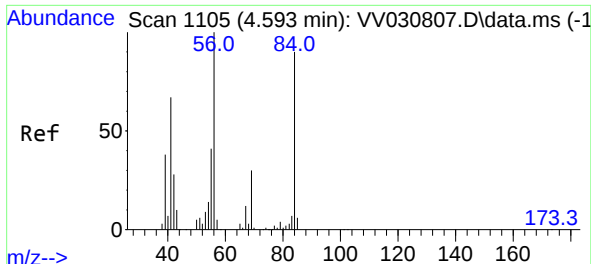
Tgt Ion: 83 Resp: 171121
Ion Ratio Lower Upper
83 100
85 63.7 45.8 85.2



#27
1,2-Dichloroethane
Concen: 47.378 ug/L
RT: 5.050 min Scan# 1247
Delta R.T. -0.000 min
Lab File: VV030807.D
Acq: 24 Apr 2023 20:57

Tgt Ion: 62 Resp: 151730
Ion Ratio Lower Upper
62 100
98 7.0 6.4 9.6





#29

Cyclohexane

Concen: 41.985 ug/L

RT: 4.593 min Scan# 1105

Delta R.T. -0.000 min

Lab File: VV030807.D

Acq: 24 Apr 2023 20:57

Instrument :

MSVOA_V

ClientSampleId :

VSTD050337

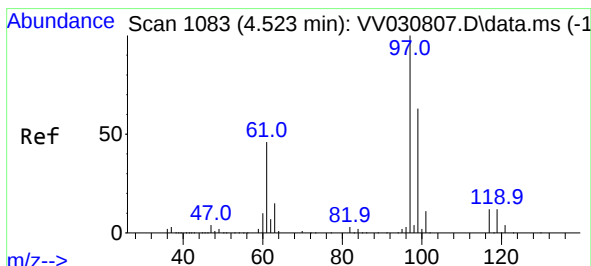
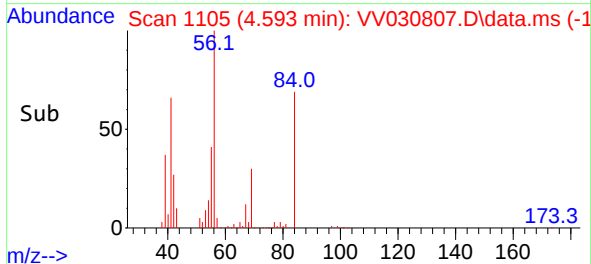
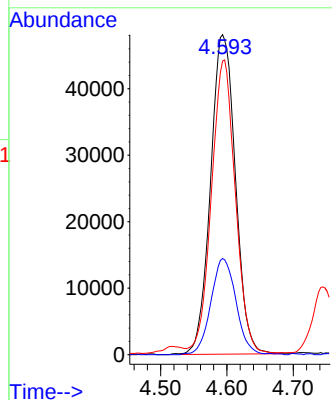
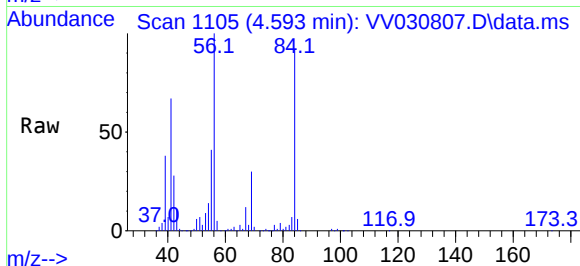
Tgt Ion: 56 Resp: 125073

Ion Ratio Lower Upper

56 100

69 30.4 24.0 36.0

84 87.8 68.2 102.2



#30

1,1,1-Trichloroethane

Concen: 46.328 ug/L

RT: 4.523 min Scan# 1083

Delta R.T. -0.000 min

Lab File: VV030807.D

Acq: 24 Apr 2023 20:57

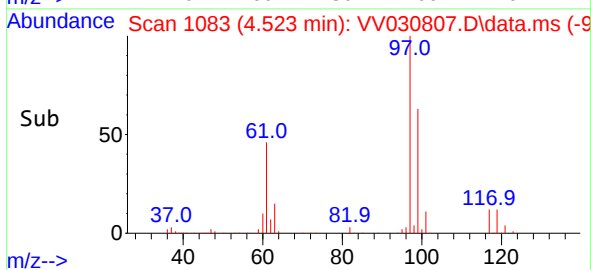
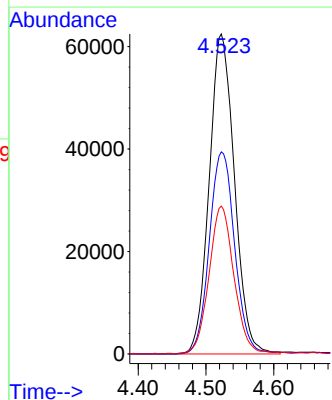
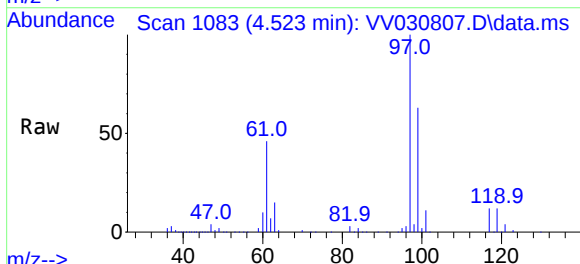
Tgt Ion: 97 Resp: 161595

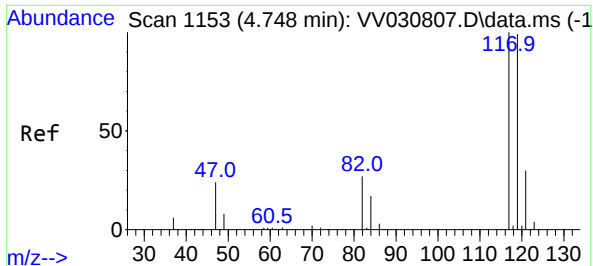
Ion Ratio Lower Upper

97 100

99 63.6 51.4 77.0

61 45.7 37.0 55.6

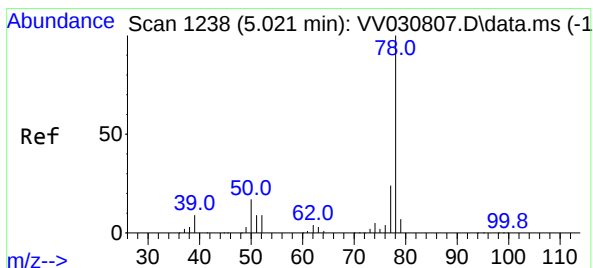
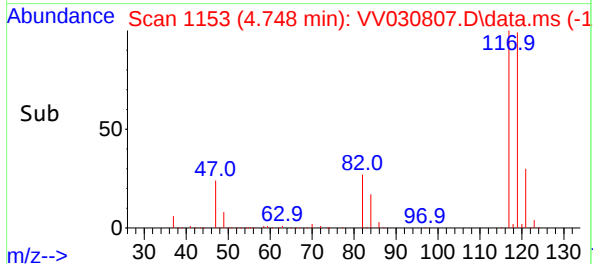
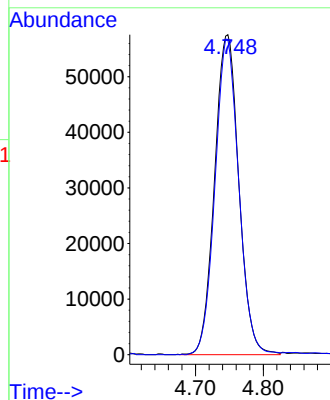
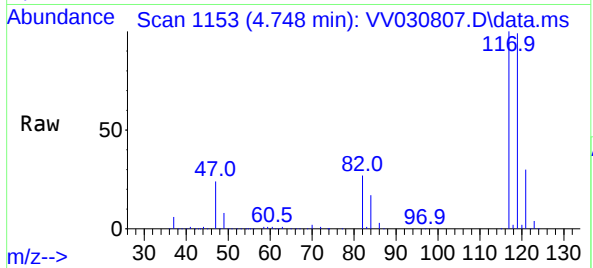




#31
Carbon tetrachloride
Concen: 45.872 ug/L
RT: 4.748 min Scan# 1153
Delta R.T. 0.003 min
Lab File: VV030807.D
Acq: 24 Apr 2023 20:57

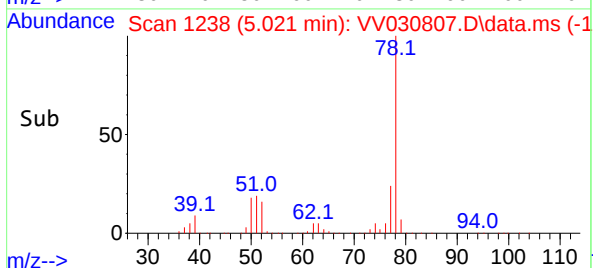
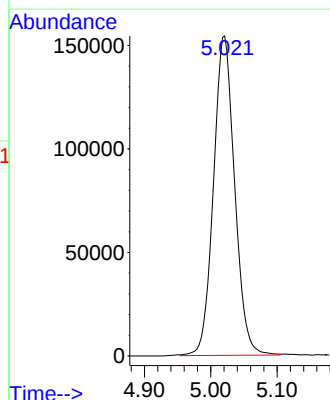
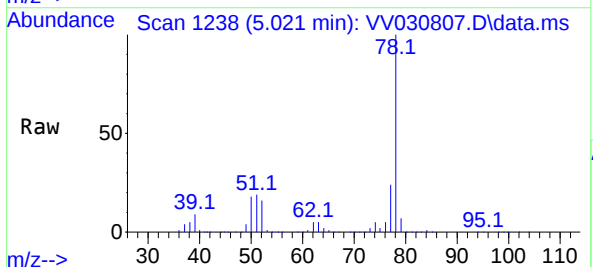
Instrument :
MSVOA_V
ClientSampleId :
VSTD050337

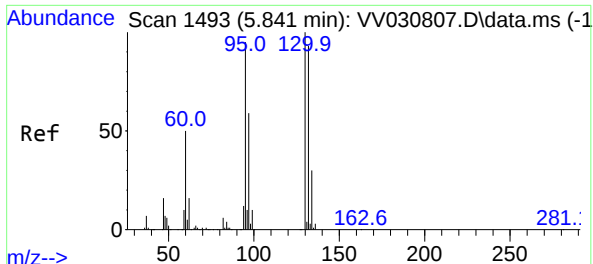
Tgt Ion:117 Resp: 143057
Ion Ratio Lower Upper
117 100
119 96.5 75.9 113.9



#33
Benzene
Concen: 45.406 ug/L
RT: 5.021 min Scan# 1238
Delta R.T. 0.003 min
Lab File: VV030807.D
Acq: 24 Apr 2023 20:57

Tgt Ion: 78 Resp: 342277



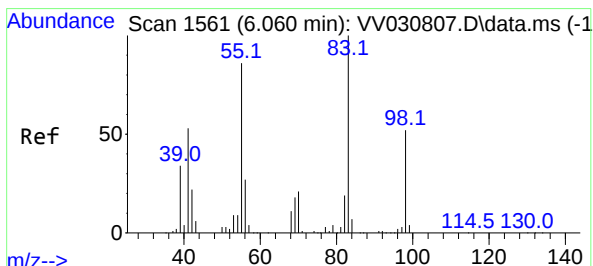
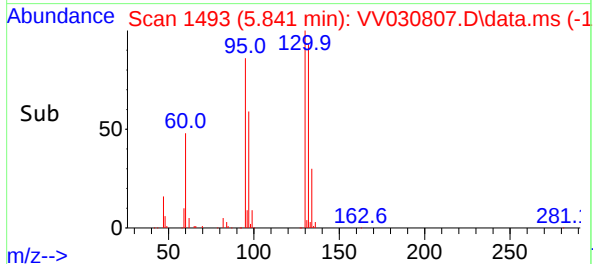
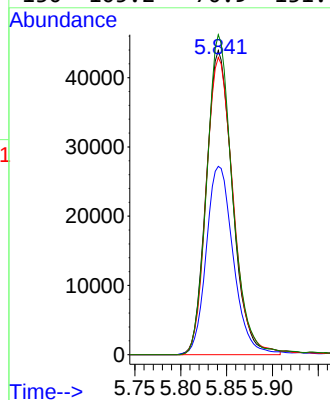
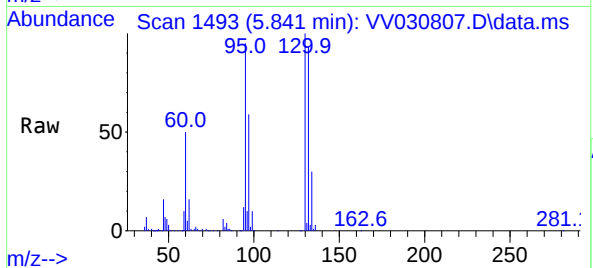


#34
Trichloroethene
Concen: 44.750 ug/L
RT: 5.841 min Scan# 1493
Delta R.T. -0.000 min
Lab File: VV030807.D
Acq: 24 Apr 2023 20:57

Instrument :
MSVOA_V
ClientSampleId :
VSTD050337

Tgt Ion: 95 Resp: 87744

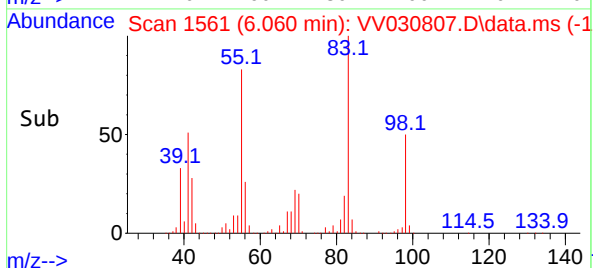
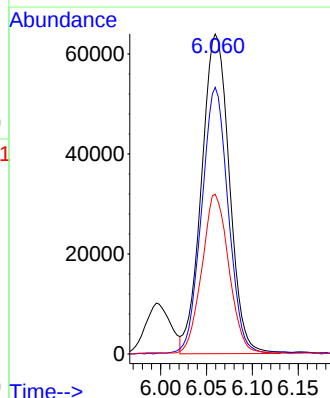
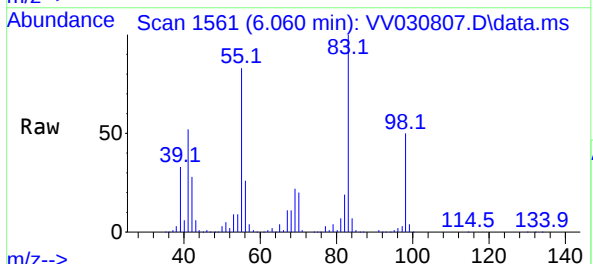
Ion	Ratio	Lower	Upper
95	100		
97	61.9	45.8	85.2
132	97.7	70.6	131.2
130	105.2	70.9	131.7

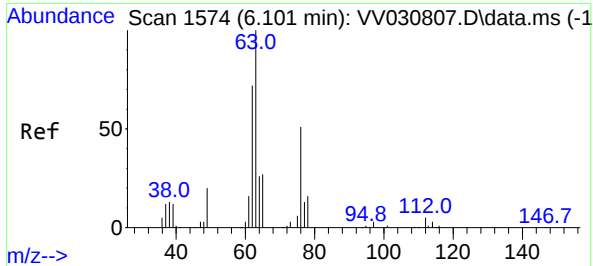


#35
Methylcyclohexane
Concen: 43.916 ug/L
RT: 6.060 min Scan# 1561
Delta R.T. -0.000 min
Lab File: VV030807.D
Acq: 24 Apr 2023 20:57

Tgt Ion: 83 Resp: 134924

Ion	Ratio	Lower	Upper
83	100		
55	79.4	65.5	98.3
98	48.1	38.7	58.1

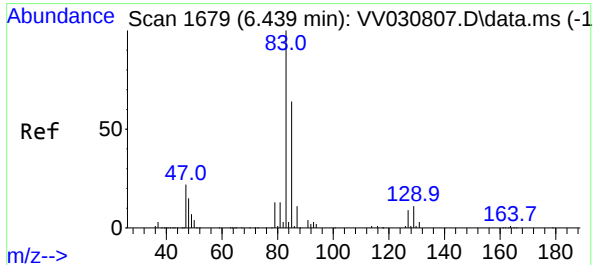
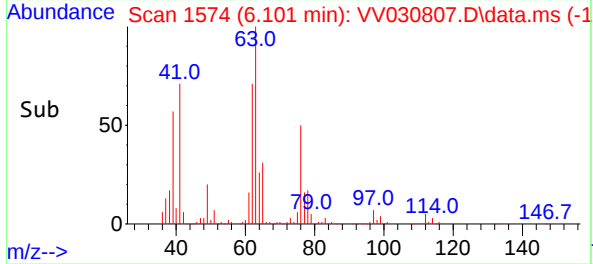
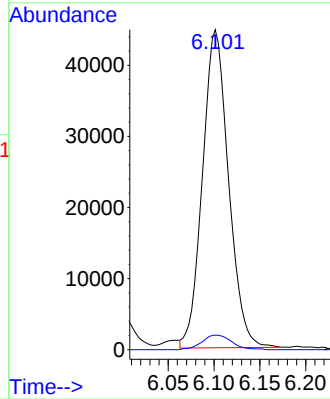
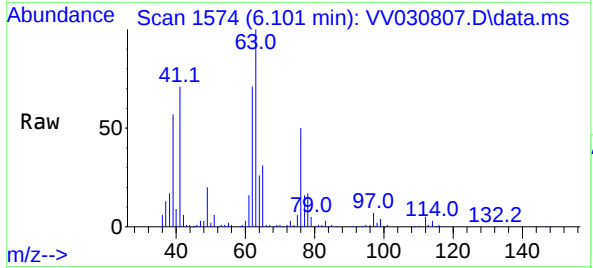




#37
1,2-Dichloropropane
Concen: 43.548 ug/L
RT: 6.101 min Scan# 11
Delta R.T. -0.000 min
Lab File: VV030807.D
Acq: 24 Apr 2023 20:57

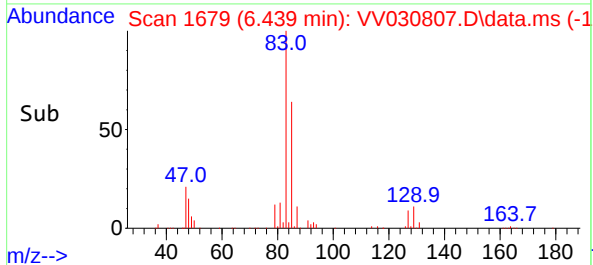
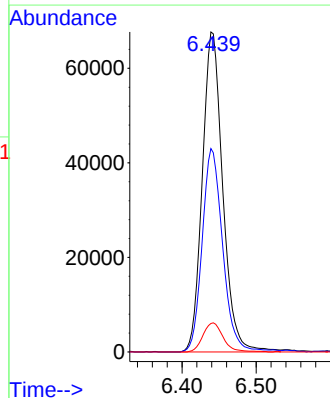
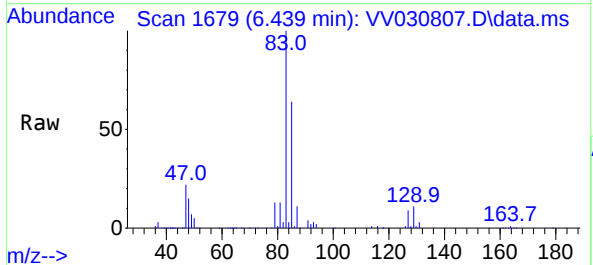
Instrument :
MSVOA_V
ClientSampleId :
VSTD050337

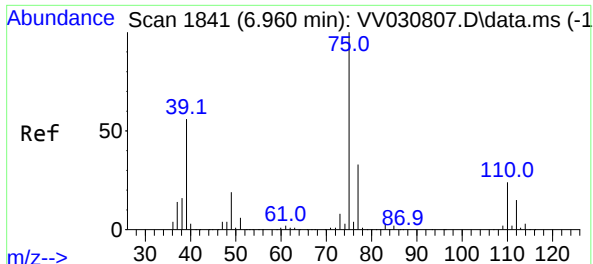
Tgt Ion: 63 Resp: 88357
Ion Ratio Lower Upper
63 100
112 5.2 3.8 5.8



#38
Bromodichloromethane
Concen: 45.502 ug/L
RT: 6.439 min Scan# 1679
Delta R.T. -0.000 min
Lab File: VV030807.D
Acq: 24 Apr 2023 20:57

Tgt Ion: 83 Resp: 129687
Ion Ratio Lower Upper
83 100
85 63.6 45.4 84.4
127 8.9 7.0 10.4

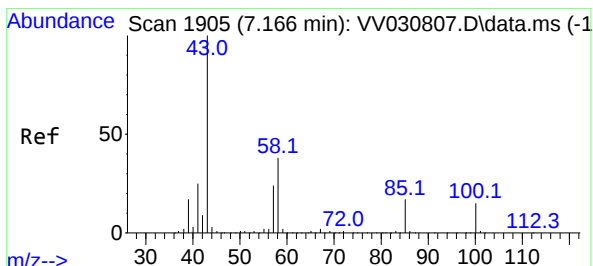
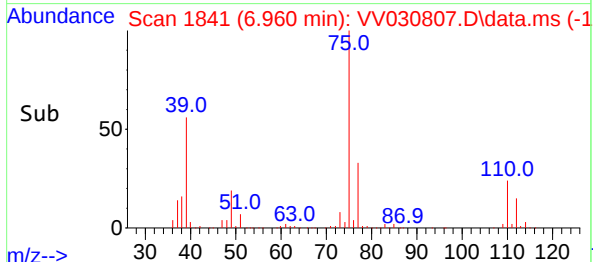
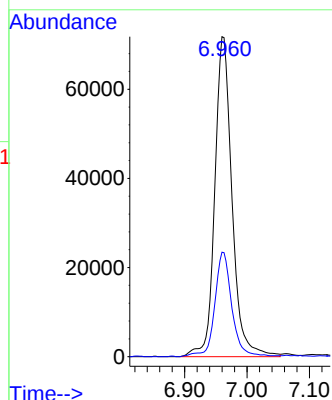
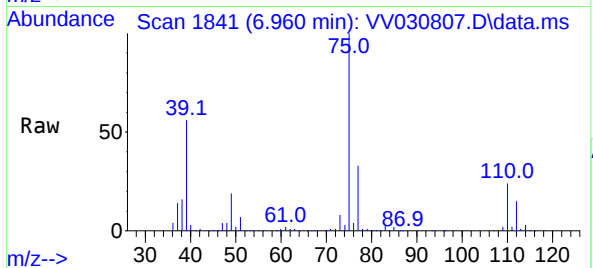




#39
cis-1,3-Dichloropropene
Concen: 45.300 ug/L
RT: 6.960 min Scan# 1841
Delta R.T. -0.000 min
Lab File: VV030807.D
Acq: 24 Apr 2023 20:57

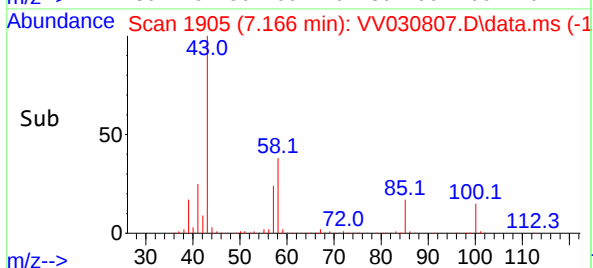
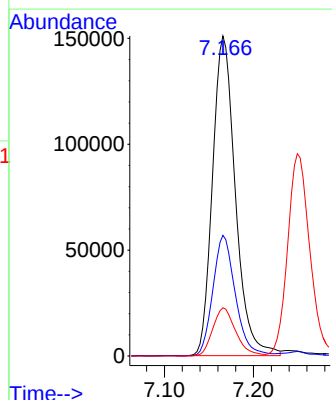
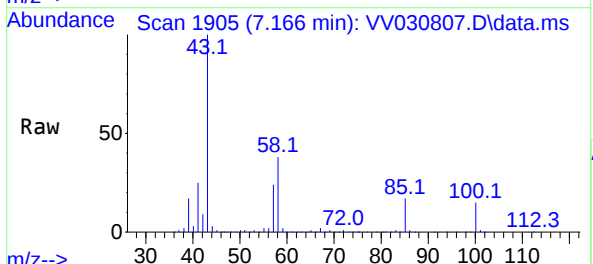
Instrument :
MSVOA_V
ClientSampleId :
VSTD050337

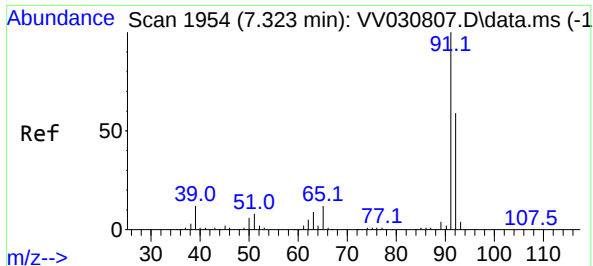
Tgt Ion: 75 Resp: 137947
Ion Ratio Lower Upper
75 100
77 32.6 22.0 40.8



#40
4-Methyl-2-pentanone
Concen: 95.121 ug/L
RT: 7.166 min Scan# 1905
Delta R.T. -0.000 min
Lab File: VV030807.D
Acq: 24 Apr 2023 20:57

Tgt Ion: 43 Resp: 269593
Ion Ratio Lower Upper
43 100
58 36.8 29.2 43.8
100 15.0 11.3 16.9

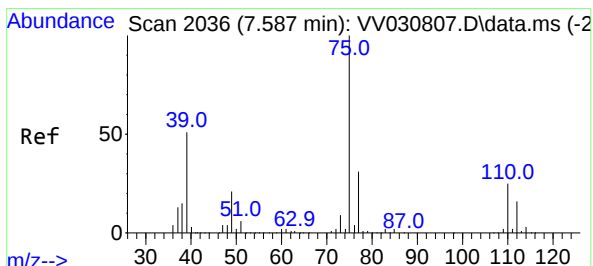
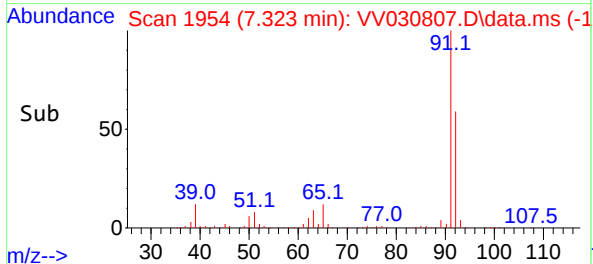
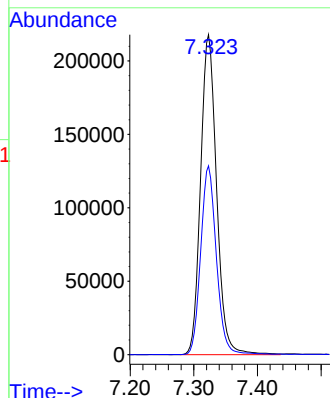
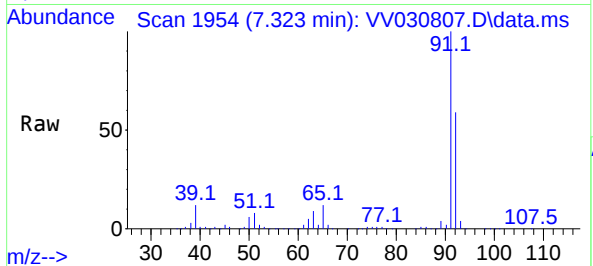




#42
Toluene
Concen: 47.170 ug/L
RT: 7.323 min Scan# 1954
Delta R.T. -0.000 min
Lab File: VV030807.D
Acq: 24 Apr 2023 20:57

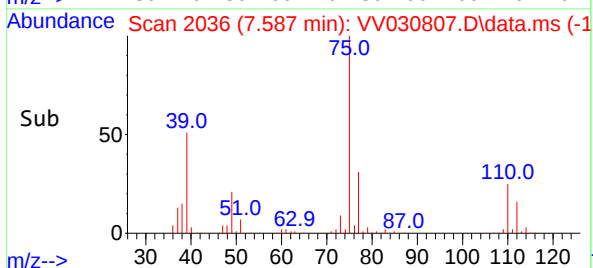
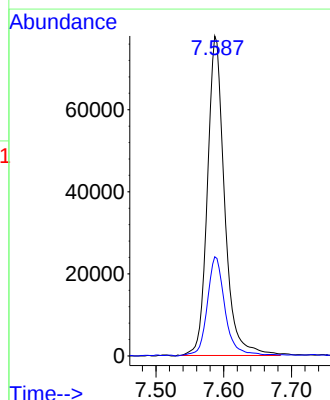
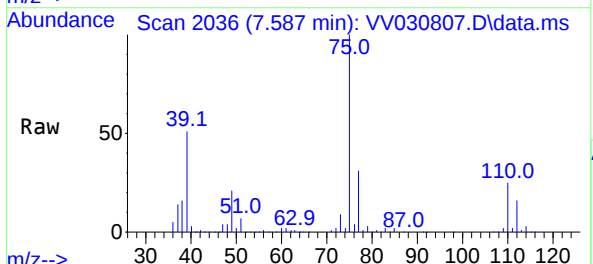
Instrument :
MSVOA_V
ClientSampleId :
VSTD050337

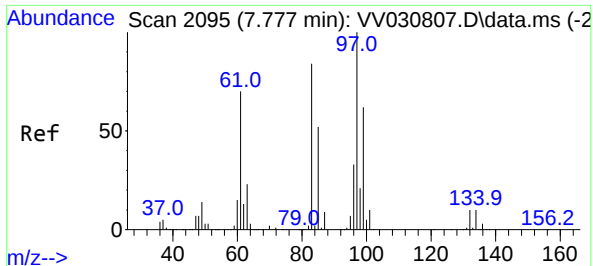
Tgt Ion: 91 Resp: 380861
Ion Ratio Lower Upper
91 100
92 59.0 39.8 73.8



#44
trans-1,3-Dichloropropene
Concen: 45.762 ug/L
RT: 7.587 min Scan# 2036
Delta R.T. -0.000 min
Lab File: VV030807.D
Acq: 24 Apr 2023 20:57

Tgt Ion: 75 Resp: 136910
Ion Ratio Lower Upper
75 100
77 31.0 22.1 41.1



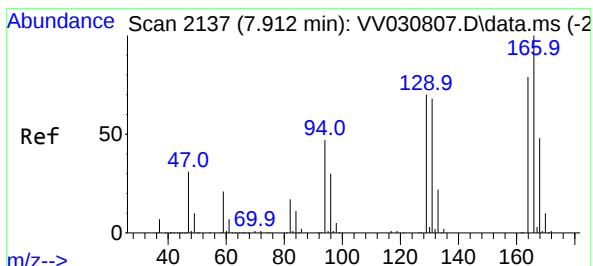
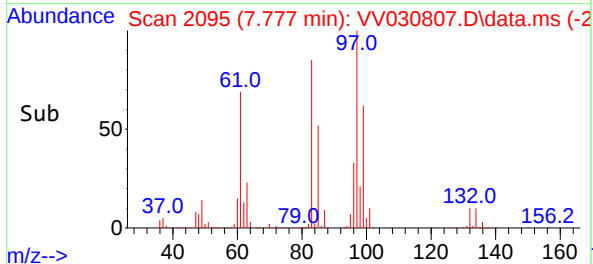
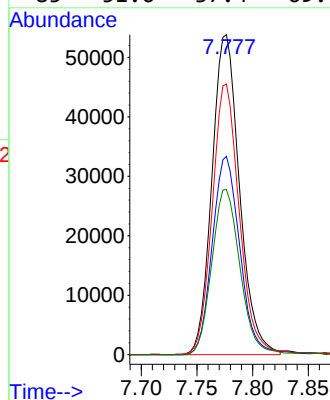
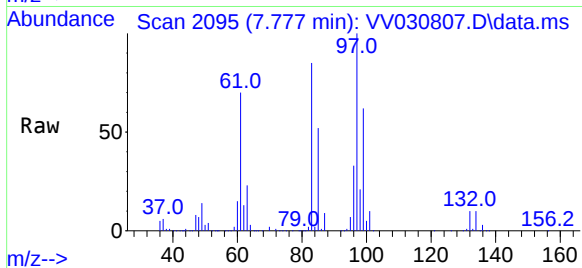


#45
1,1,2-Trichloroethane
Concen: 45.633 ug/L
RT: 7.777 min Scan# 2095
Delta R.T. -0.000 min
Lab File: VV030807.D
Acq: 24 Apr 2023 20:57

Instrument :
MSVOA_V
ClientSampleId :
VSTD050337

Tgt Ion: 97 Resp: 92841

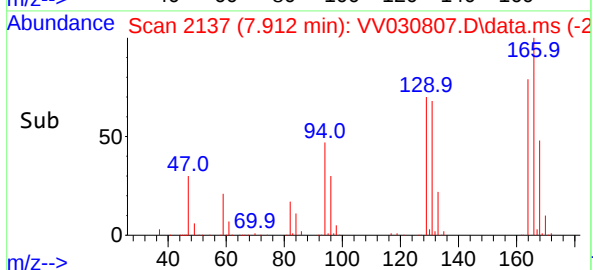
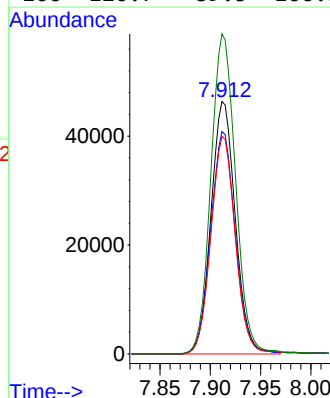
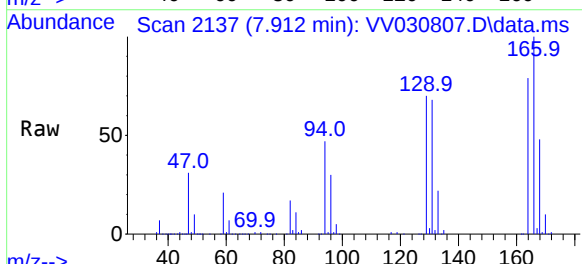
Ion	Ratio	Lower	Upper
97	100		
99	62.0	43.8	81.4
83	84.6	59.6	110.6
85	51.6	37.4	69.4

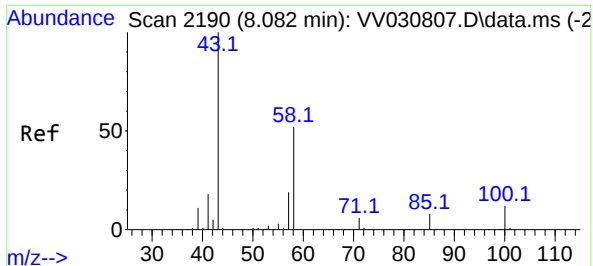


#46
Tetrachloroethene
Concen: 45.505 ug/L
RT: 7.912 min Scan# 2137
Delta R.T. -0.000 min
Lab File: VV030807.D
Acq: 24 Apr 2023 20:57

Tgt Ion: 164 Resp: 78098

Ion	Ratio	Lower	Upper
164	100		
129	88.1	63.8	118.6
131	86.1	60.3	111.9
166	126.7	89.5	166.1

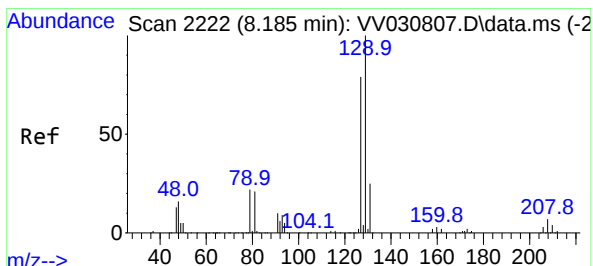
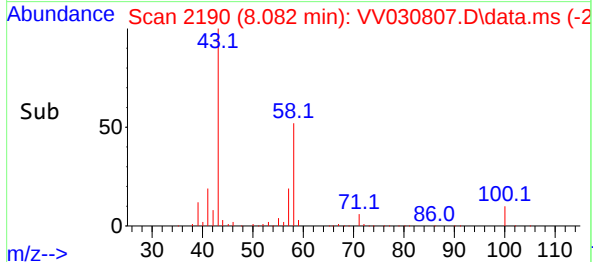
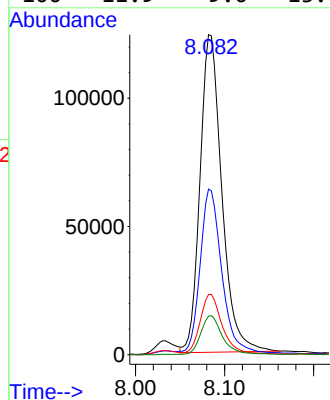
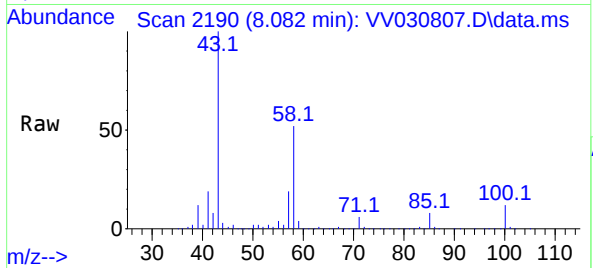




#48
2-Hexanone
Concen: 90.351 ug/L
RT: 8.082 min Scan# 2190
Delta R.T. -0.000 min
Lab File: VV030807.D
Acq: 24 Apr 2023 20:57

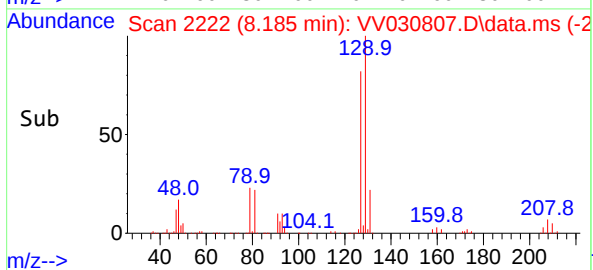
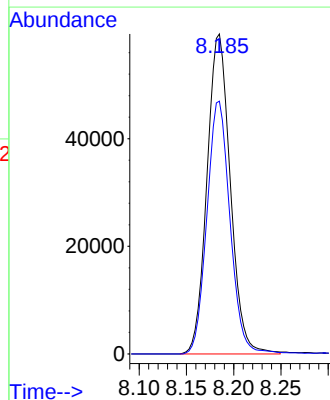
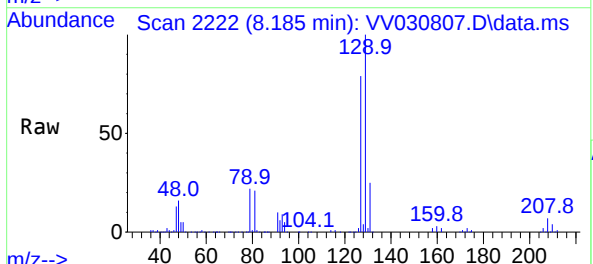
Instrument :
MSVOA_V
ClientSampleId :
VSTD050337

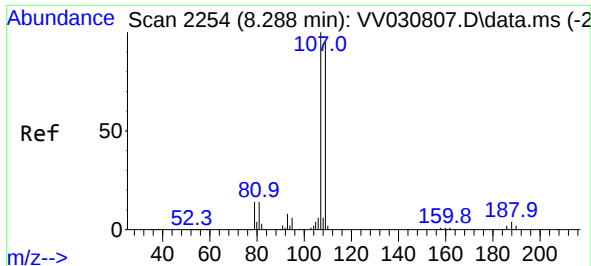
Tgt Ion: 43 Resp: 211290
Ion Ratio Lower Upper
43 100
58 50.8 41.4 62.0
57 19.4 14.9 22.3
100 11.9 9.0 13.6



#49
Dibromochloromethane
Concen: 45.494 ug/L
RT: 8.185 min Scan# 2222
Delta R.T. -0.000 min
Lab File: VV030807.D
Acq: 24 Apr 2023 20:57

Tgt Ion: 129 Resp: 102093
Ion Ratio Lower Upper
129 100
127 79.0 52.8 98.2

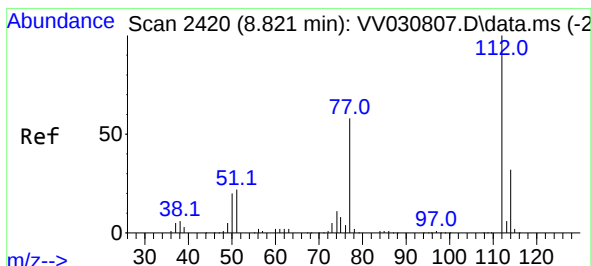
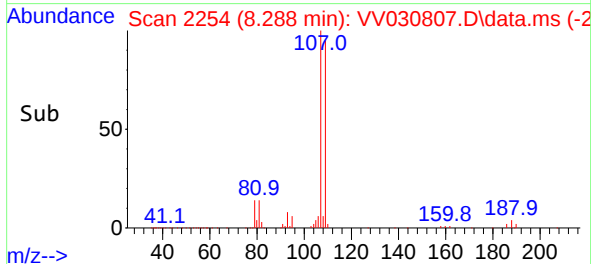
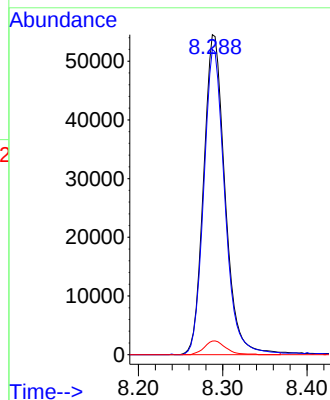
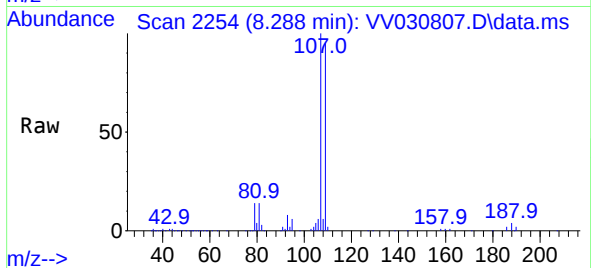




#50
1,2-Dibromoethane
Concen: 45.798 ug/L
RT: 8.288 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV030807.D
Acq: 24 Apr 2023 20:57

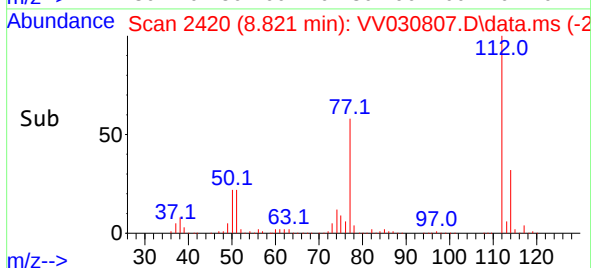
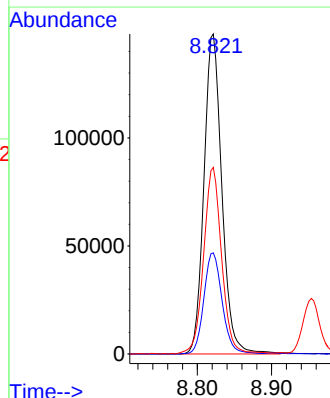
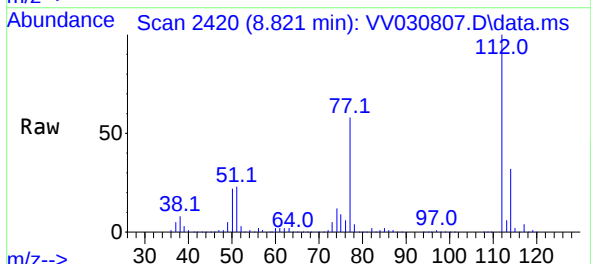
Instrument :
MSVOA_V
ClientSampleId :
VSTD050337

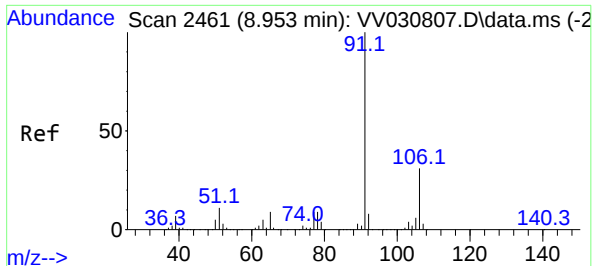
Tgt Ion:	107	Resp:	96545
Ion	Ratio	Lower	Upper
107	100		
109	95.4	65.7	121.9
188	4.3	3.2	4.8



#51
Chlorobenzene
Concen: 46.400 ug/L
RT: 8.821 min Scan# 2420
Delta R.T. -0.000 min
Lab File: VV030807.D
Acq: 24 Apr 2023 20:57

Tgt Ion:	112	Resp:	248116
Ion	Ratio	Lower	Upper
112	100		
114	31.6	22.4	41.6
77	58.3	47.4	71.0

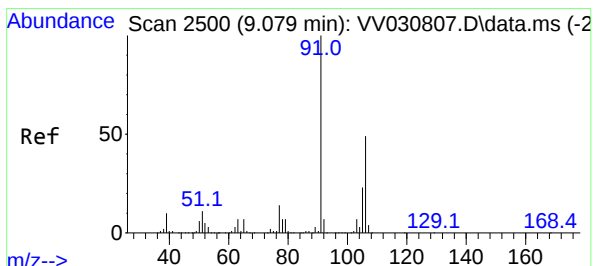
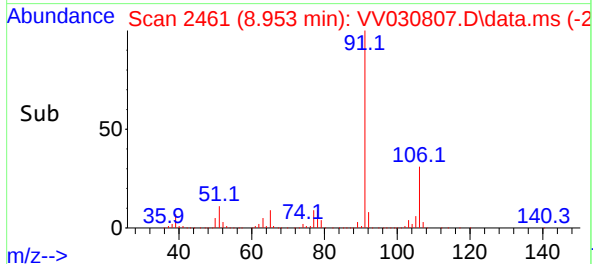
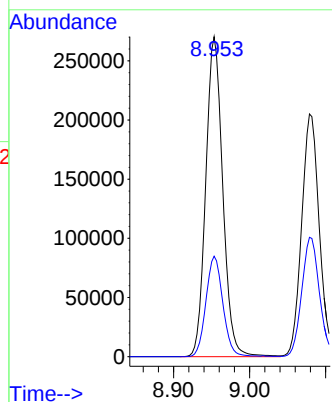
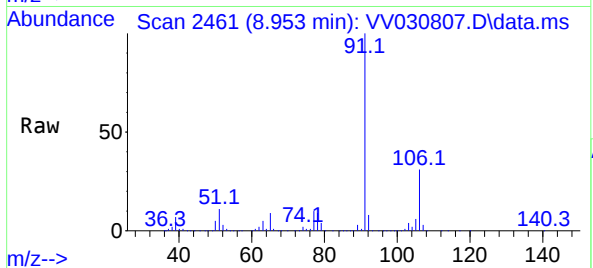




#52
Ethylbenzene
Concen: 46.955 ug/L
RT: 8.953 min Scan# 2461
Delta R.T. -0.000 min
Lab File: VV030807.D
Acq: 24 Apr 2023 20:57

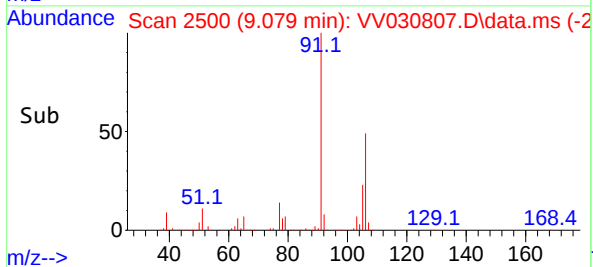
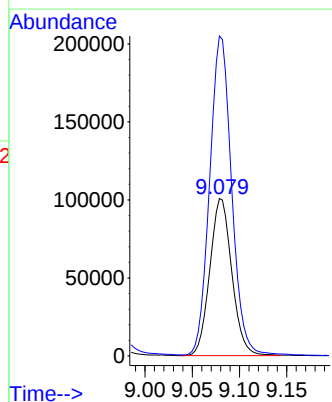
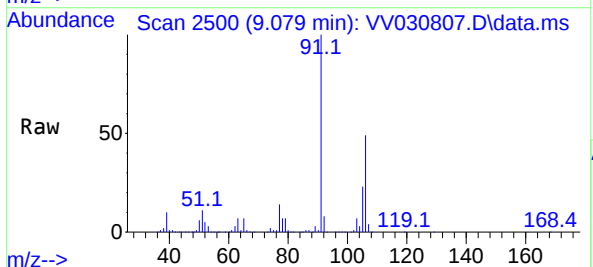
Instrument :
MSVOA_V
ClientSampleId :
VSTD050337

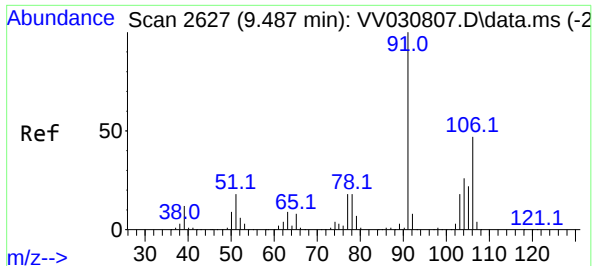
Tgt Ion: 91 Resp: 419711
Ion Ratio Lower Upper
91 100
106 31.4 21.8 40.4



#53
m,p-Xylene
Concen: 48.306 ug/L
RT: 9.079 min Scan# 2500
Delta R.T. -0.000 min
Lab File: VV030807.D
Acq: 24 Apr 2023 20:57

Tgt Ion: 106 Resp: 163096
Ion Ratio Lower Upper
106 100
91 203.2 144.7 268.7

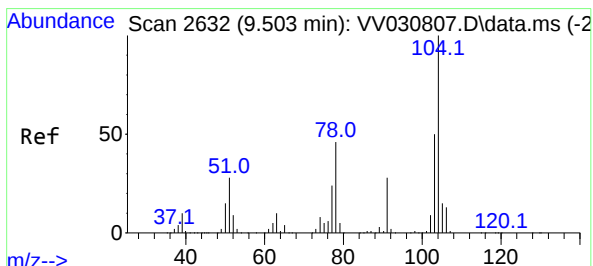
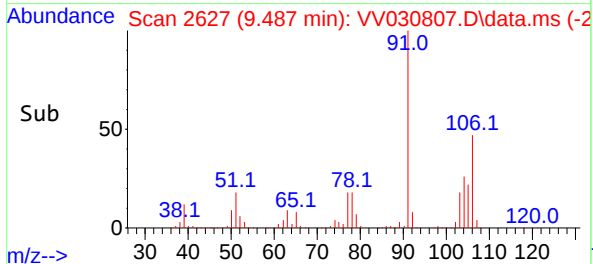
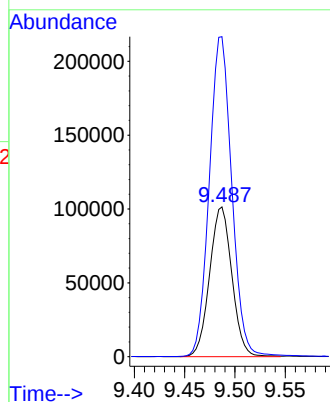
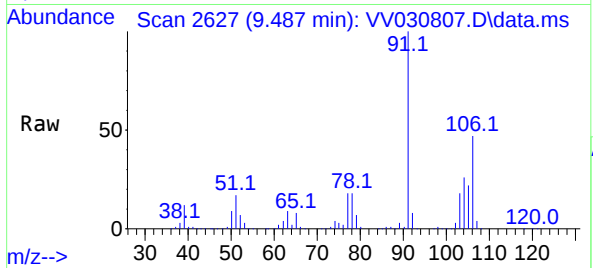




#54
o-Xylene
Concen: 47.329 ug/L
RT: 9.487 min Scan# 2627
Delta R.T. -0.000 min
Lab File: VV030807.D
Acq: 24 Apr 2023 20:57

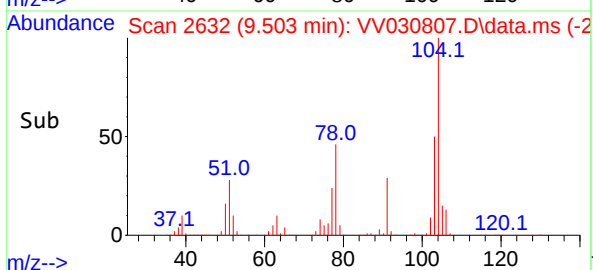
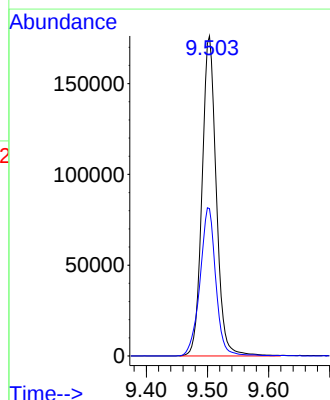
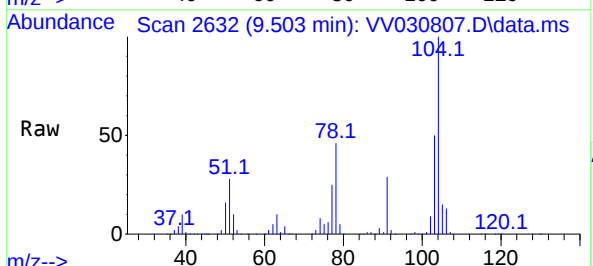
Instrument : MSVOA_V
ClientSampleId : VSTD050337

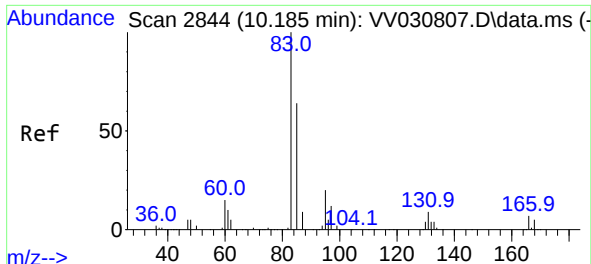
Tgt Ion:106 Resp: 156328
Ion Ratio Lower Upper
106 100
91 213.7 152.6 283.4



#55
Styrene
Concen: 49.177 ug/L
RT: 9.503 min Scan# 2632
Delta R.T. -0.000 min
Lab File: VV030807.D
Acq: 24 Apr 2023 20:57

Tgt Ion:104 Resp: 285323
Ion Ratio Lower Upper
104 100
78 46.1 32.3 59.9



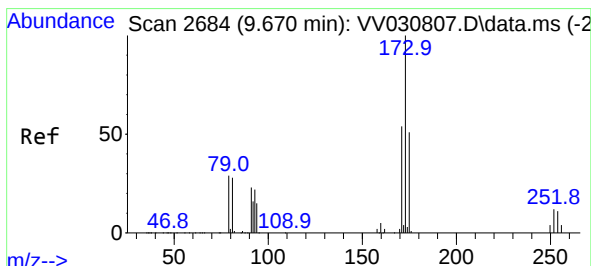
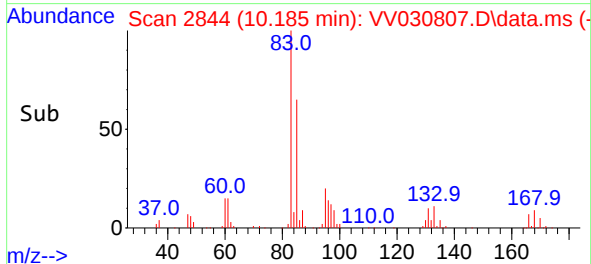
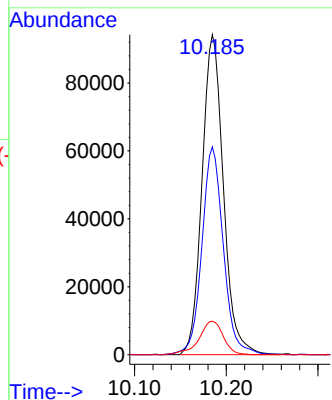
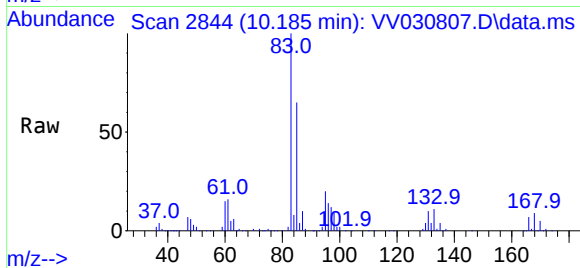


#57
1,1,2,2-Tetrachloroethane
Concen: 45.629 ug/L
RT: 10.185 min Scan# 2844
Delta R.T. -0.000 min
Lab File: VV030807.D
Acq: 24 Apr 2023 20:57

Instrument : MSVOA_V
ClientSampleId : VSTD050337

Tgt Ion: 83 Resp: 152415

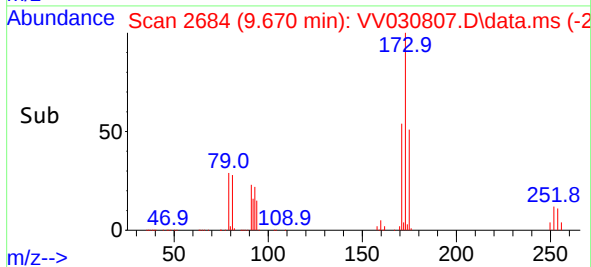
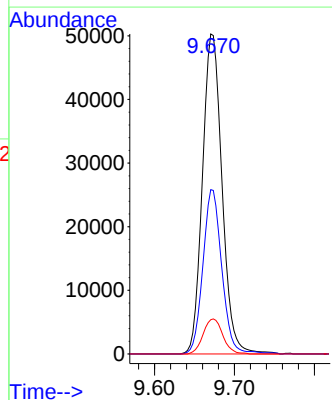
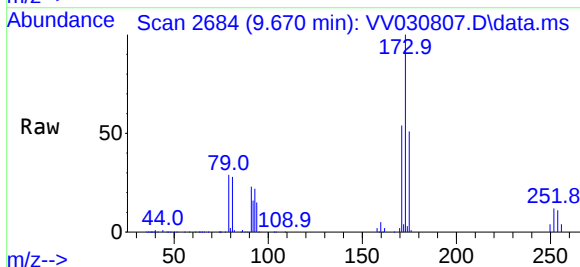
Ion	Ratio	Lower	Upper
83	100		
85	65.0	45.1	83.7
131	10.5	8.0	12.0

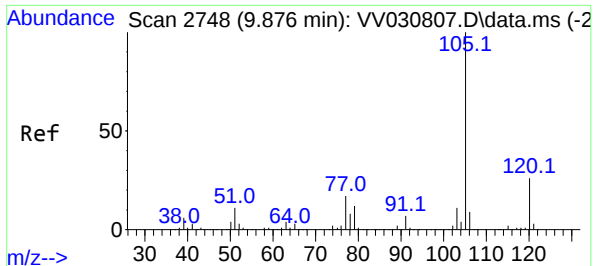


#59
Bromoform
Concen: 45.779 ug/L
RT: 9.670 min Scan# 2684
Delta R.T. -0.000 min
Lab File: VV030807.D
Acq: 24 Apr 2023 20:57

Tgt Ion: 173 Resp: 85926

Ion	Ratio	Lower	Upper
173	100		
175	49.0	38.8	58.2
254	11.0	8.2	12.4

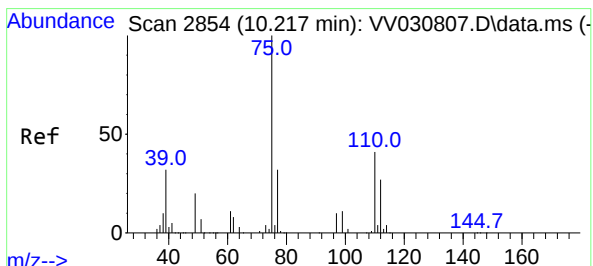
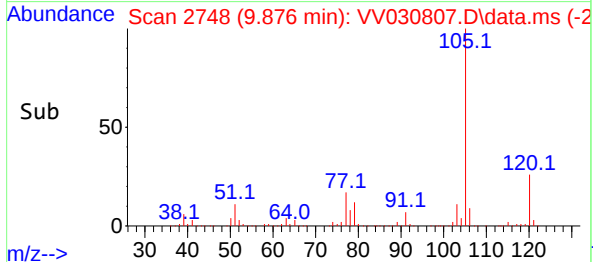
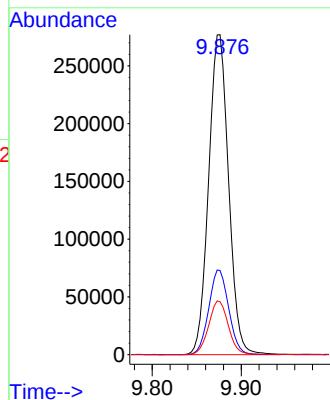
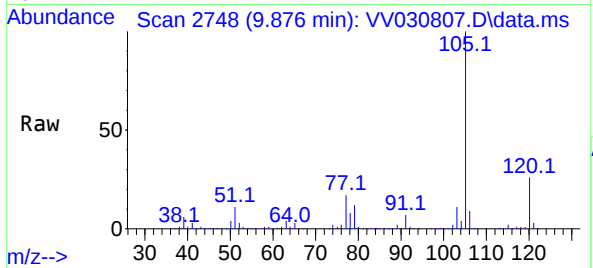




#60
Isopropylbenzene
Concen: 45.975 ug/L
RT: 9.876 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV030807.D
Acq: 24 Apr 2023 20:57

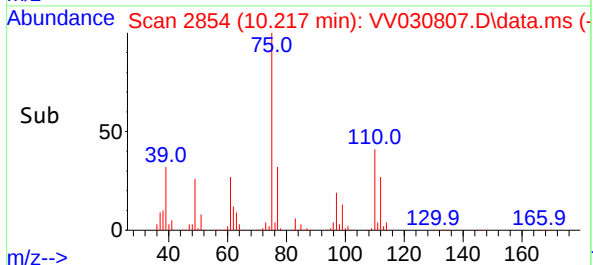
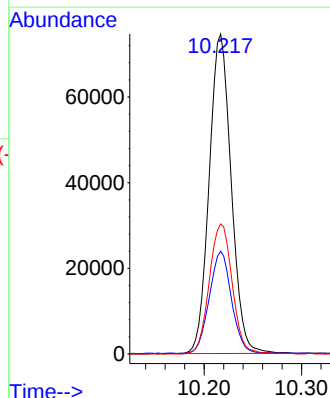
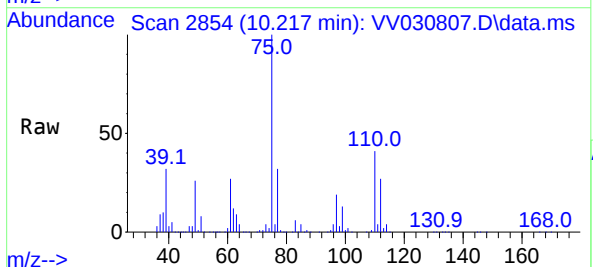
Instrument :
MSVOA_V
ClientSampleId :
VSTD050337

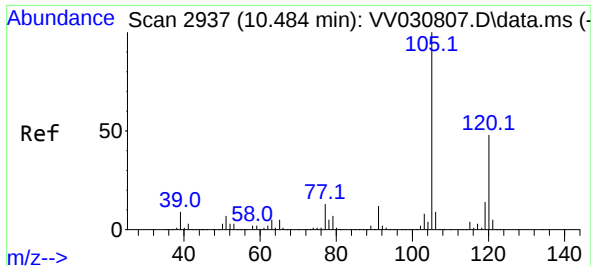
Tgt Ion:105 Resp: 429854
Ion Ratio Lower Upper
105 100
120 26.5 20.9 31.3
77 16.5 13.0 19.6



#61
1,2,3-Trichloropropane
Concen: 43.639 ug/L
RT: 10.217 min Scan# 2854
Delta R.T. -0.000 min
Lab File: VV030807.D
Acq: 24 Apr 2023 20:57

Tgt Ion: 75 Resp: 117177
Ion Ratio Lower Upper
75 100
77 32.2 25.7 38.5
110 42.4 32.8 49.2

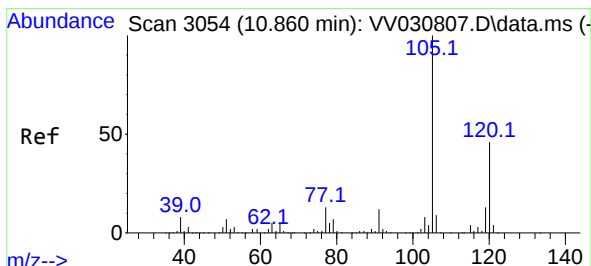
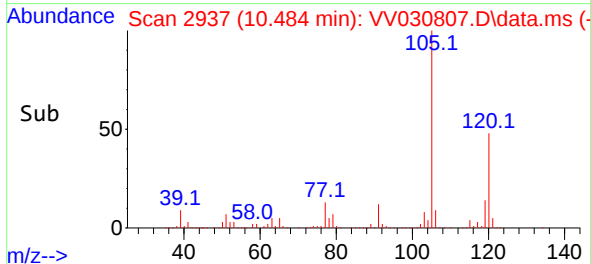
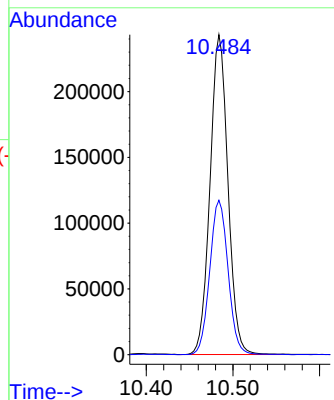
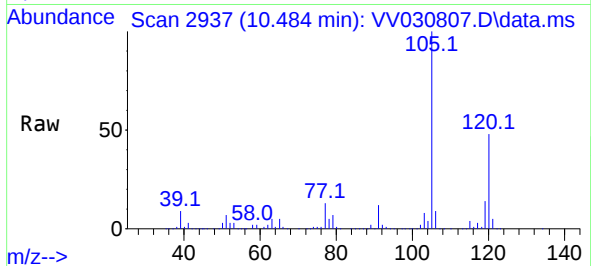




#62
 1,3,5-Trimethylbenzene
 Concen: 45.320 ug/L
 RT: 10.484 min Scan# 2937
 Delta R.T. -0.000 min
 Lab File: VV030807.D
 Acq: 24 Apr 2023 20:57

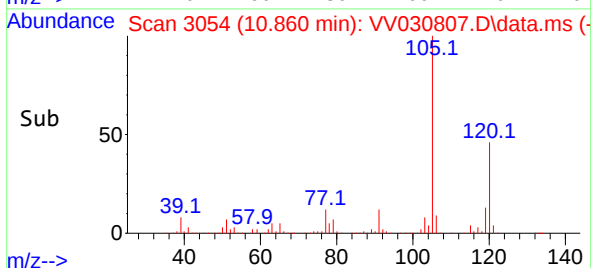
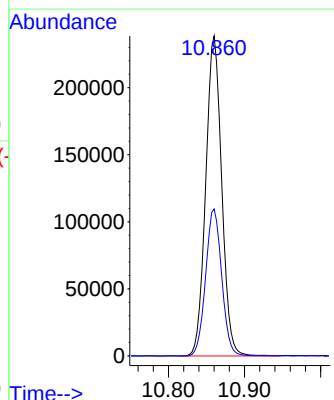
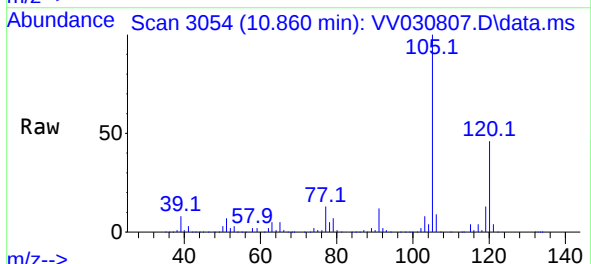
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050337

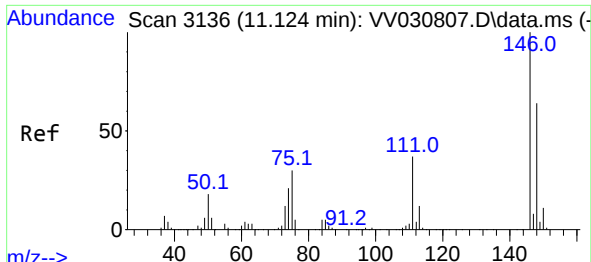
Tgt Ion:105 Resp: 348876
 Ion Ratio Lower Upper
 105 100
 120 49.5 39.2 58.8



#63
 1,2,4-Trimethylbenzene
 Concen: 45.308 ug/L
 RT: 10.860 min Scan# 3054
 Delta R.T. -0.000 min
 Lab File: VV030807.D
 Acq: 24 Apr 2023 20:57

Tgt Ion:105 Resp: 348245
 Ion Ratio Lower Upper
 105 100
 120 46.2 36.2 54.4

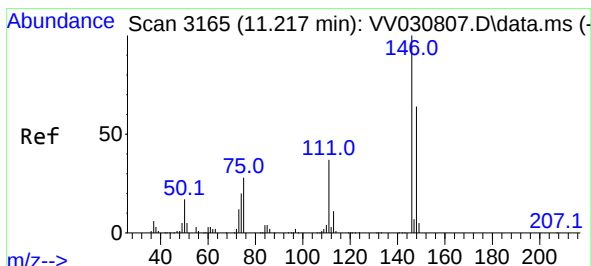
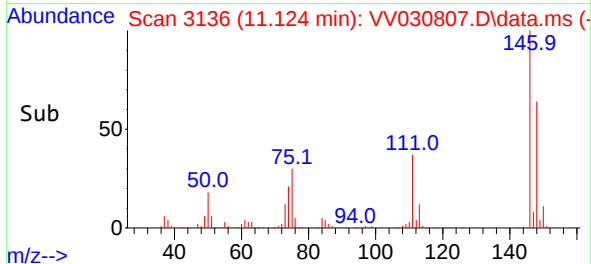
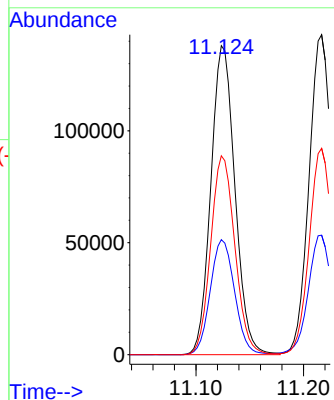
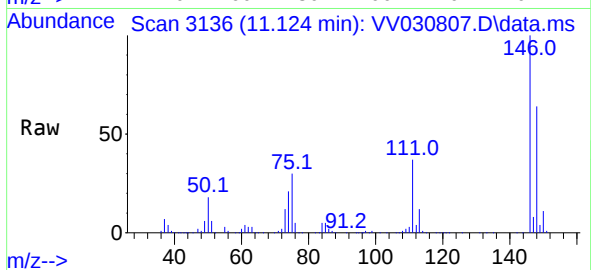




#64
1,3-Dichlorobenzene
Concen: 45.920 ug/L
RT: 11.124 min Scan# 3136
Delta R.T. -0.000 min
Lab File: VV030807.D
Acq: 24 Apr 2023 20:57

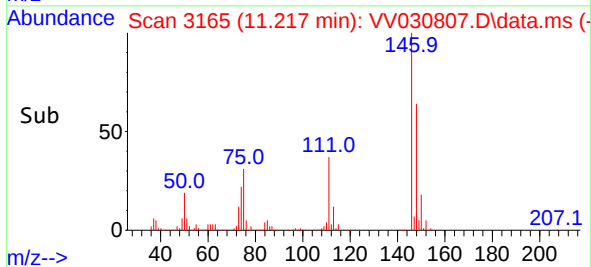
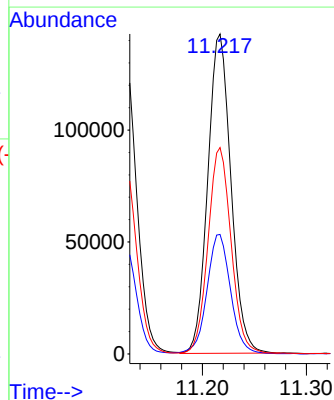
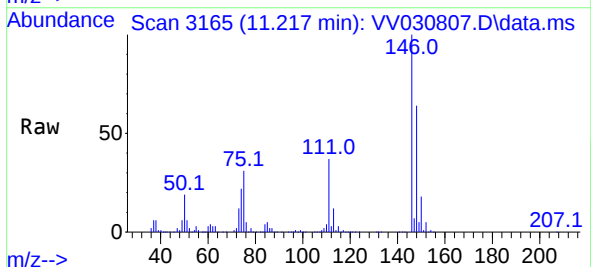
Instrument :
MSVOA_V
ClientSampleId :
VSTD050337

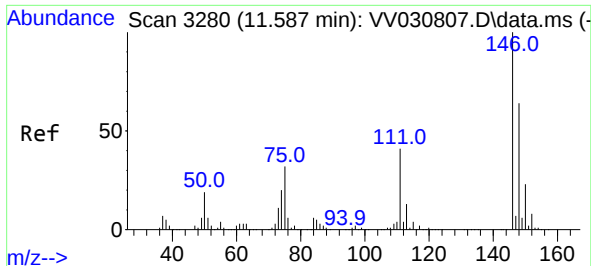
Tgt Ion:146 Resp: 214954
Ion Ratio Lower Upper
146 100
111 37.2 27.0 50.2
148 64.4 44.8 83.2



#65
1,4-Dichlorobenzene
Concen: 44.710 ug/L
RT: 11.217 min Scan# 3165
Delta R.T. -0.000 min
Lab File: VV030807.D
Acq: 24 Apr 2023 20:57

Tgt Ion:146 Resp: 220694
Ion Ratio Lower Upper
146 100
111 37.3 26.5 49.1
148 64.5 44.7 83.1





#67

1,2-Dichlorobenzene

Concen: 45.967 ug/L

RT: 11.587 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV030807.D

Acq: 24 Apr 2023 20:57

Instrument :

MSVOA_V

ClientSampleId :

VSTD050337

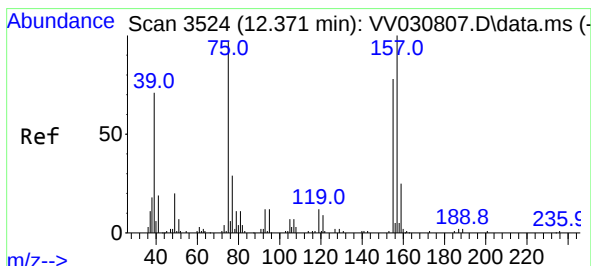
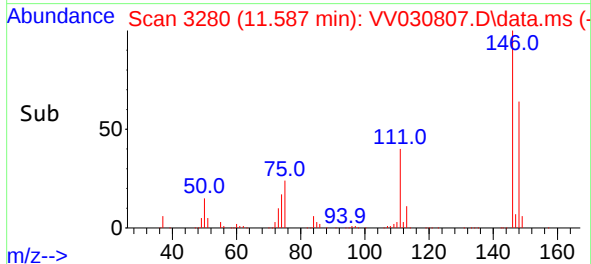
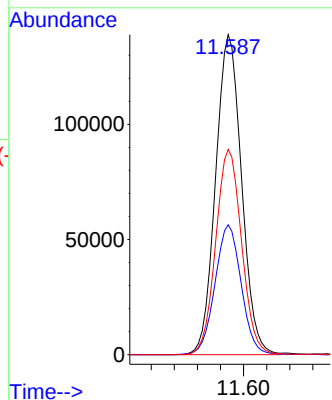
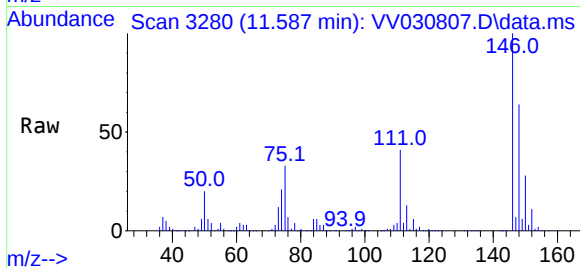
Tgt Ion:146 Resp: 217075

Ion Ratio Lower Upper

146 100

111 40.6 32.0 48.0

148 64.2 50.6 76.0



#68

1,2-Dibromo-3-chloropropane

Concen: 44.721 ug/L

RT: 12.371 min Scan# 3524

Delta R.T. -0.000 min

Lab File: VV030807.D

Acq: 24 Apr 2023 20:57

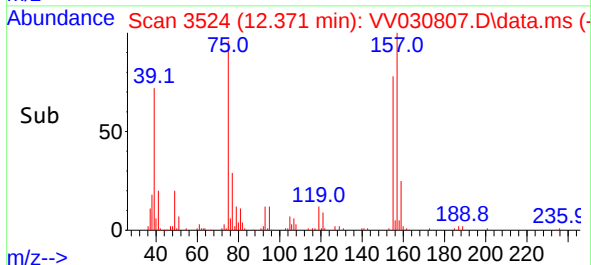
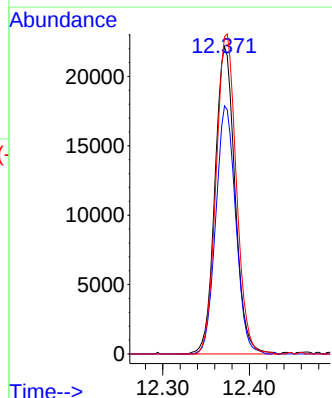
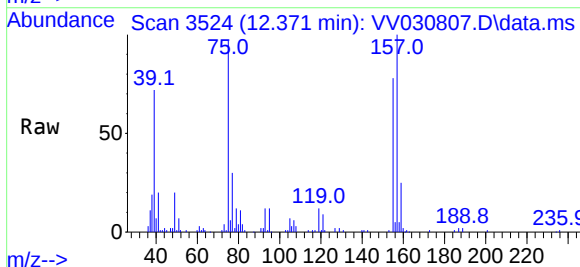
Tgt Ion: 75 Resp: 35577

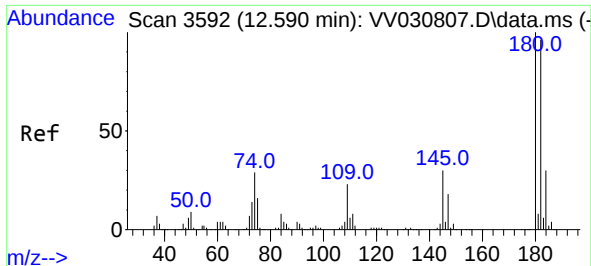
Ion Ratio Lower Upper

75 100

155 80.8 65.0 97.6

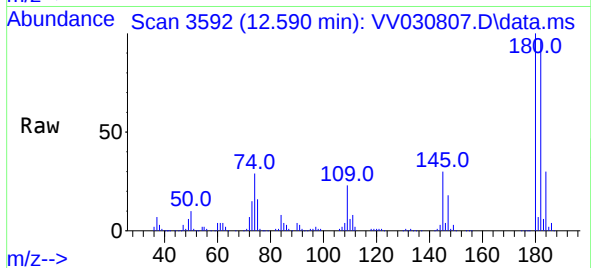
157 103.3 84.4 126.6





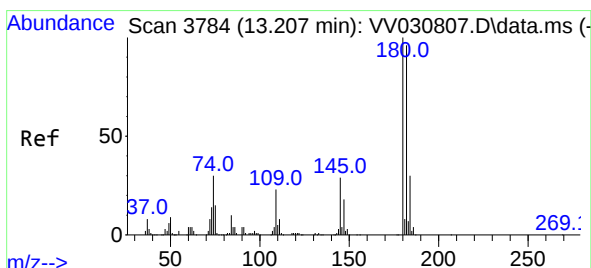
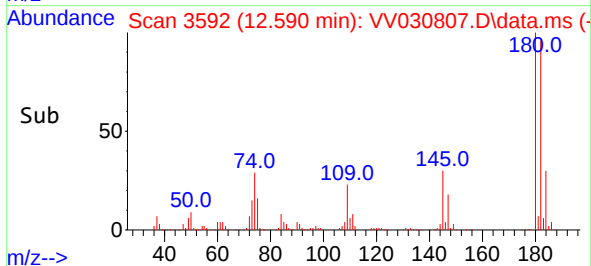
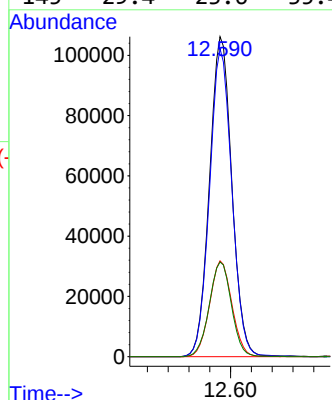
#69
1,3,5-Trichlorobenzene
Concen: 44.704 ug/L
RT: 12.590 min Scan# 3592
Delta R.T. -0.000 min
Lab File: VV030807.D
Acq: 24 Apr 2023 20:57

Instrument :
MSVOA_V
ClientSampleId :
VSTD050337



Tgt Ion:180 Resp: 158077

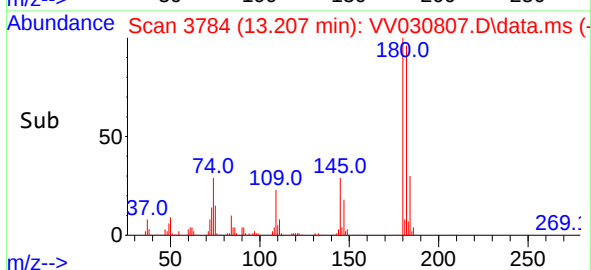
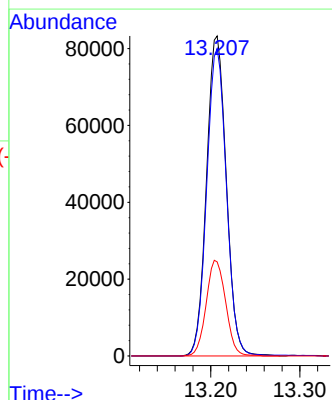
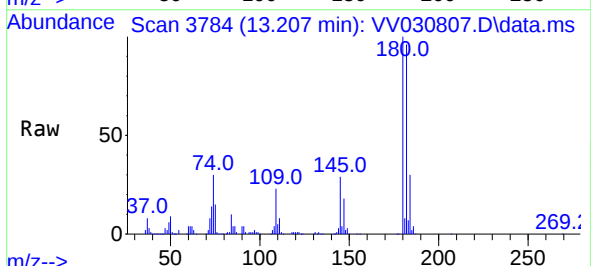
Ion	Ratio	Lower	Upper
180	100		
182	96.1	76.4	114.6
184	29.9	24.1	36.1
145	29.4	23.6	35.4

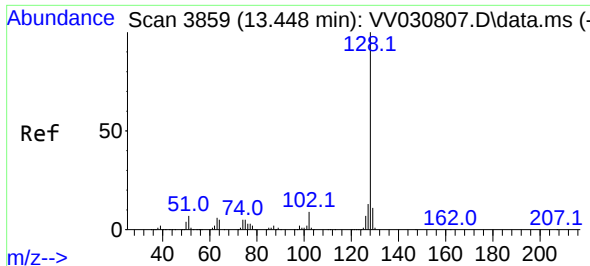


#70
1,2,4-trichlorobenzene
Concen: 42.673 ug/L
RT: 13.207 min Scan# 3784
Delta R.T. -0.000 min
Lab File: VV030807.D
Acq: 24 Apr 2023 20:57

Tgt Ion:180 Resp: 128120

Ion	Ratio	Lower	Upper
180	100		
182	95.5	75.9	113.9
145	29.5	23.4	35.2



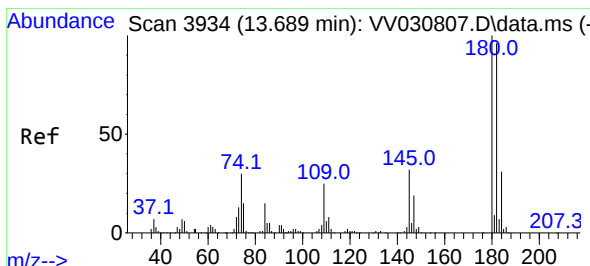
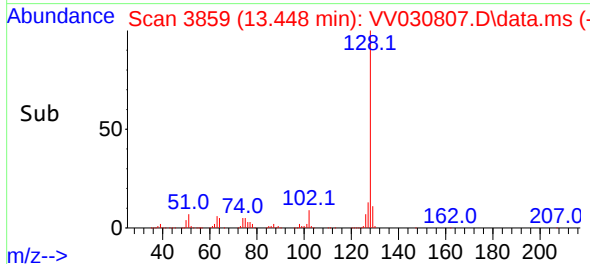
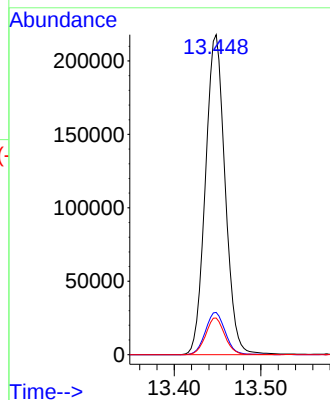
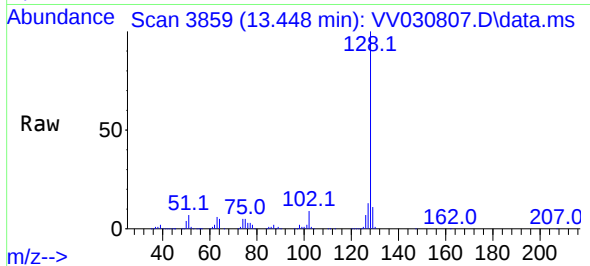


#71
Naphthalene
Concen: 41.811 ug/L
RT: 13.448 min Scan# 3859
Delta R.T. -0.000 min
Lab File: VV030807.D
Acq: 24 Apr 2023 20:57

Instrument :
MSVOA_V
ClientSampleId :
VSTD050337

Tgt Ion:128 Resp: 343393

Ion	Ratio	Lower	Upper
128	100		
127	13.3	10.7	16.1
129	11.1	8.6	13.0



#72
1,2,3-Trichlorobenzene
Concen: 44.181 ug/L
RT: 13.689 min Scan# 3934
Delta R.T. -0.000 min
Lab File: VV030807.D
Acq: 24 Apr 2023 20:57

Tgt Ion:180 Resp: 131533

Ion	Ratio	Lower	Upper
180	100		
182	96.7	76.2	114.4
145	31.8	25.1	37.7

