

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW042423\
 Data File : VW030822.D
 Acq On : 25 Apr 2023 03:30
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050338

Quant Time: Apr 25 05:32:41 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	285916	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.793	117	274747	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	159801	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	88549	42.247	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	84.500%
7) Chloroethane-d5	1.536	69	70812	40.316	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	80.640%
11) 1,1-Dichloroethene-d2	2.066	65	42732	42.991	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.980%
21) 2-Butanone-d5	3.796	46	111035	96.448	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	96.450%
24) Chloroform-d	4.259	84	174575	45.960	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.920%
26) 1,2-Dichloroethane-d4	4.950	65	121741	49.851	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.700%
32) Benzene-d6	4.970	84	324968	50.027	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.060%
36) 1,2-Dichloropropane-d6	5.998	67	96698	47.923	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.840%
41) Toluene-d8	7.249	98	312711	51.273	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.540%
43) trans-1,3-Dichloroprop...	7.558	79	50343	49.502	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	99.000%
47) 2-Hexanone-d5	8.034	63	71012	89.337	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	89.340%
56) 1,1,2,2-Tetrachloroeth...	10.159	84	137168	46.849	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.700%
66) 1,2-Dichlorobenzene-d4	11.567	152	129225	50.876	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.760%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	103167	41.968	ug/L	100
3) Chloromethane	1.217	50	127582	39.565	ug/L	98
5) Vinyl chloride	1.288	62	110844	42.636	ug/L	99
6) Bromomethane	1.491	94	55282	53.626	ug/L	98
8) Chloroethane	1.552	64	67950	38.107	ug/L	99
9) Trichlorofluoromethane	1.719	101	186430	44.246	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.076	101	96149	43.420	ug/L	99
12) 1,1-Dichloroethene	2.076	96	88109	44.010	ug/L	98
13) Acetone	2.121	43	108381	60.839	ug/L	100
14) Carbon disulfide	2.249	76	227009	40.145	ug/L	99
15) Methyl Acetate	2.378	43	103541	43.554	ug/L	98
16) Methylene chloride	2.455	84	104604	45.658	ug/L	100
17) trans-1,2-Dichloroethene	2.703	96	89717	44.391	ug/L	100
18) Methyl tert-butyl Ether	2.709	73	323968	50.044	ug/L	98
19) 1,1-Dichloroethane	3.121	63	184487	44.771	ug/L	99
20) cis-1,2-Dichloroethene	3.825	96	102940	46.822	ug/L	98
22) 2-Butanone	3.876	43	143975	78.207	ug/L	99
23) Bromochloromethane	4.159	128	56050	45.646	ug/L	96
25) Chloroform	4.288	83	194990	45.718	ug/L	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW042423\
 Data File : VW030822.D
 Acq On : 25 Apr 2023 03:30
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050338

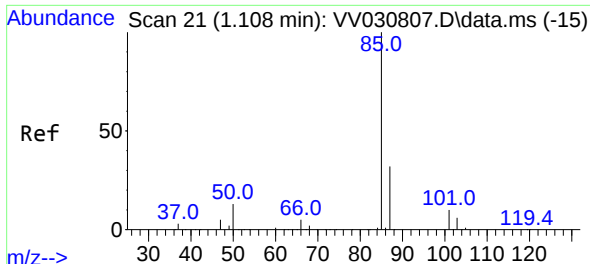
Quant Time: Apr 25 05:32:41 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM041723WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Apr 22 00:43:23 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.050	62	173508	48.058	ug/L	99
29) Cyclohexane	4.593	56	151093	45.826	ug/L	98
30) 1,1,1-Trichloroethane	4.523	97	180382	46.724	ug/L	99
31) Carbon tetrachloride	4.744	117	158242	45.845	ug/L	100
33) Benzene	5.018	78	389273	46.658	ug/L	100
34) Trichloroethene	5.841	95	103554	47.717	ug/L	98
35) Methylcyclohexane	6.060	83	154519	45.441	ug/L	99
37) 1,2-Dichloropropane	6.101	63	100558	44.780	ug/L	99
38) Bromodichloromethane	6.439	83	143784	45.580	ug/L	98
39) cis-1,3-Dichloropropene	6.960	75	162974	48.355	ug/L	98
40) 4-Methyl-2-pentanone	7.166	43	295091	94.071	ug/L	99
42) Toluene	7.323	91	429228	48.031	ug/L	99
44) trans-1,3-Dichloropropene	7.587	75	156336	47.213	ug/L	100
45) 1,1,2-Trichloroethane	7.777	97	102573	45.552	ug/L	98
46) Tetrachloroethene	7.912	164	87949	46.300	ug/L	98
48) 2-Hexanone	8.082	43	222338	85.901	ug/L	100
49) Dibromochloromethane	8.185	129	111237	44.785	ug/L	97
50) 1,2-Dibromoethane	8.291	107	107659	46.143	ug/L	97
51) Chlorobenzene	8.821	112	279980	47.306	ug/L	99
52) Ethylbenzene	8.953	91	474014	47.914	ug/L	100
53) m,p-Xylene	9.079	106	183280	49.046	ug/L	99
54) o-Xylene	9.487	106	177066	48.435	ug/L	99
55) Styrene	9.503	104	320033	49.837	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.185	83	161278	43.623	ug/L	99
59) Bromoform	9.674	173	89864	44.916	ug/L	99
60) Isopropylbenzene	9.876	105	490937	49.261	ug/L	100
61) 1,2,3-Trichloropropane	10.217	75	128001	44.722	ug/L	99
62) 1,3,5-Trimethylbenzene	10.484	105	403108	49.127	ug/L	99
63) 1,2,4-Trimethylbenzene	10.860	105	402107	49.080	ug/L	99
64) 1,3-Dichlorobenzene	11.124	146	242331	48.567	ug/L	99
65) 1,4-Dichlorobenzene	11.217	146	249953	47.506	ug/L	98
67) 1,2-Dichlorobenzene	11.587	146	243786	48.431	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.374	75	36282	42.787	ug/L	95
69) 1,3,5-Trichlorobenzene	12.590	180	187252	49.680	ug/L	99
70) 1,2,4-trichlorobenzene	13.207	180	168163	52.547	ug/L	100
71) Naphthalene	13.448	128	495375	56.587	ug/L	100
72) 1,2,3-Trichlorobenzene	13.689	180	170504	53.730	ug/L	98

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

Quant Time: Apr 25 05:32:41 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

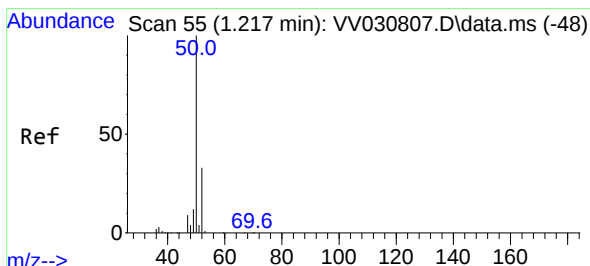
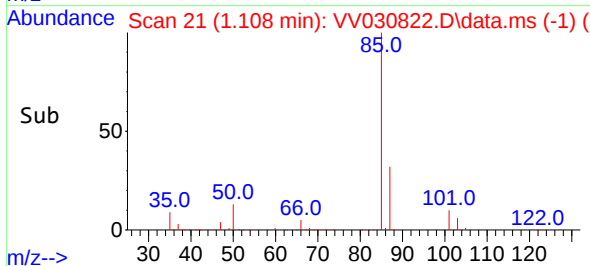
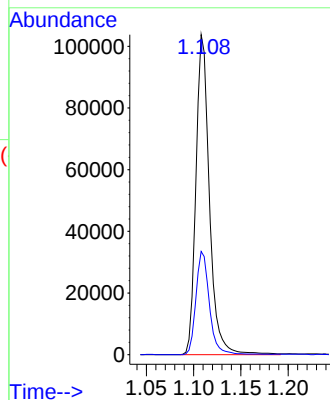
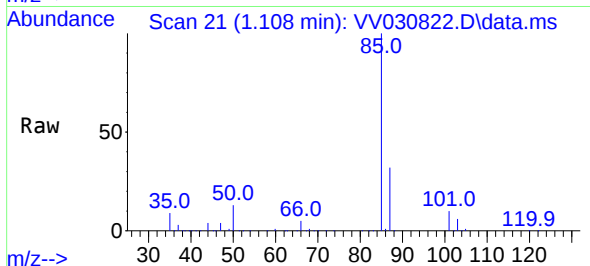




#2
 Dichlorodifluoromethane
 Concen: 41.968 ug/L
 RT: 1.108 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VV030822.D
 Acq: 25 Apr 2023 03:30

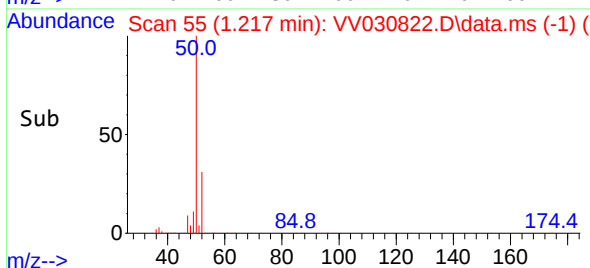
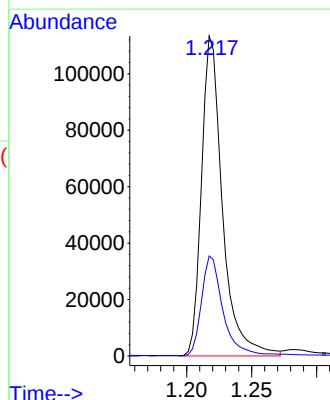
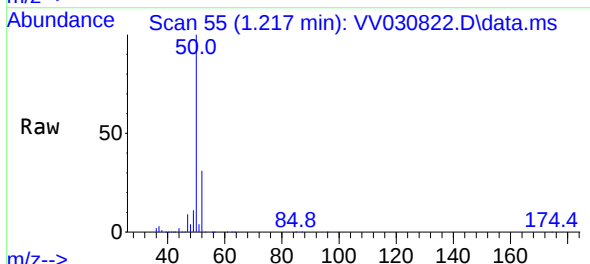
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050338

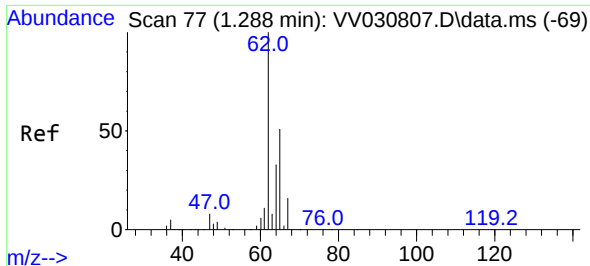
Tgt Ion: 85 Resp: 103167
 Ion Ratio Lower Upper
 85 100
 87 32.0 25.6 38.4



#3
 Chloromethane
 Concen: 39.565 ug/L
 RT: 1.217 min Scan# 55
 Delta R.T. -0.000 min
 Lab File: VV030822.D
 Acq: 25 Apr 2023 03:30

Tgt Ion: 50 Resp: 127582
 Ion Ratio Lower Upper
 50 100
 52 31.2 22.5 41.9

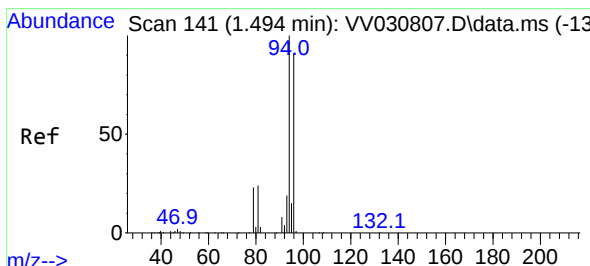
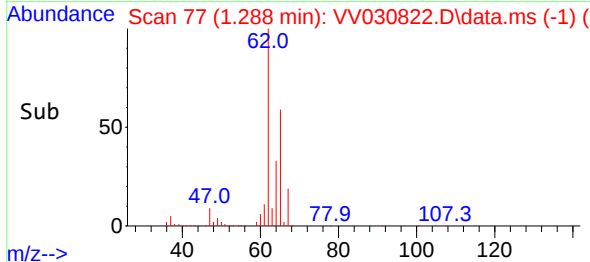
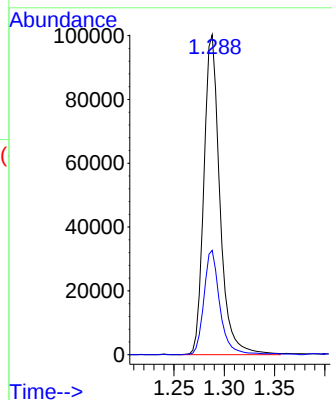
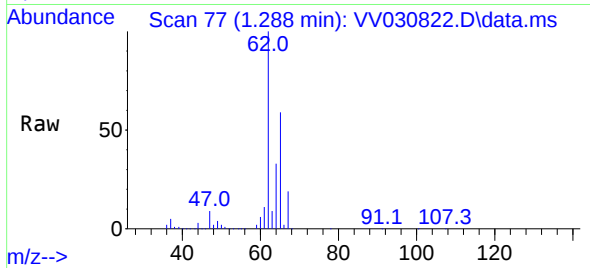




#5
 Vinyl chloride
 Concen: 42.636 ug/L
 RT: 1.288 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: VV030822.D
 Acq: 25 Apr 2023 03:30

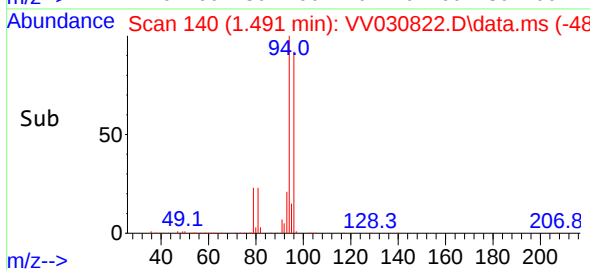
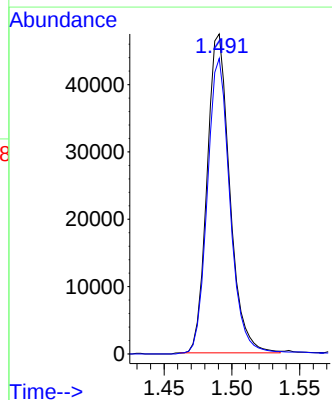
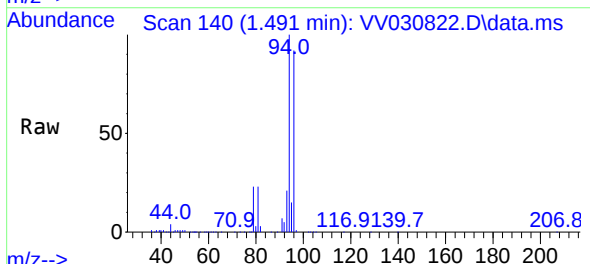
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050338

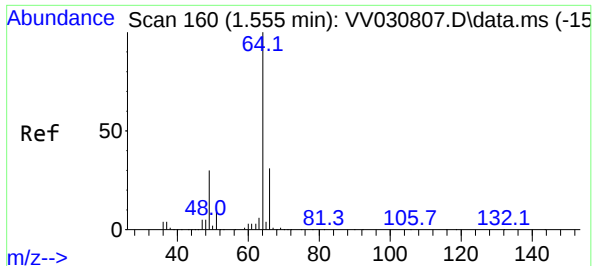
Tgt Ion: 62 Resp: 110844
 Ion Ratio Lower Upper
 62 100
 64 32.6 23.4 43.4



#6
 Bromomethane
 Concen: 53.626 ug/L
 RT: 1.491 min Scan# 140
 Delta R.T. -0.003 min
 Lab File: VV030822.D
 Acq: 25 Apr 2023 03:30

Tgt Ion: 94 Resp: 55282
 Ion Ratio Lower Upper
 94 100
 96 92.4 66.3 123.1

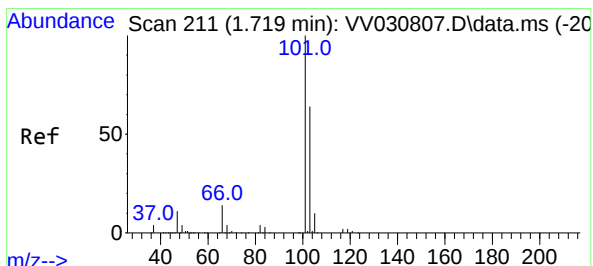
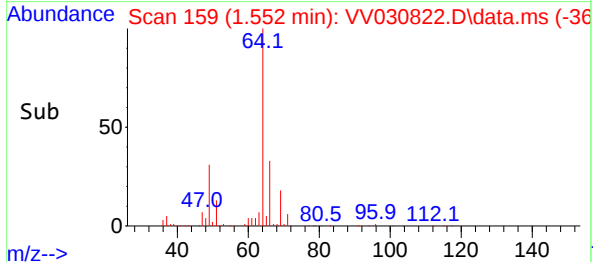
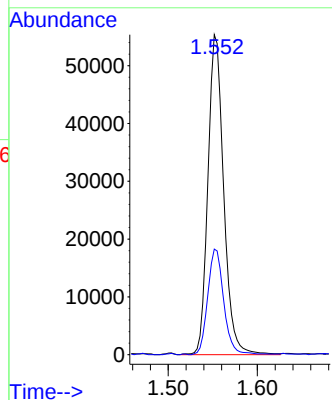
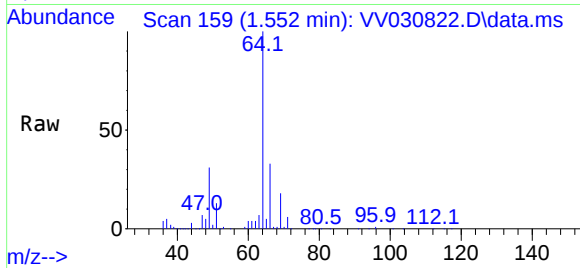




#8
Chloroethane
Concen: 38.107 ug/L
RT: 1.552 min Scan# 11
Delta R.T. -0.003 min
Lab File: VV030822.D
Acq: 25 Apr 2023 03:30

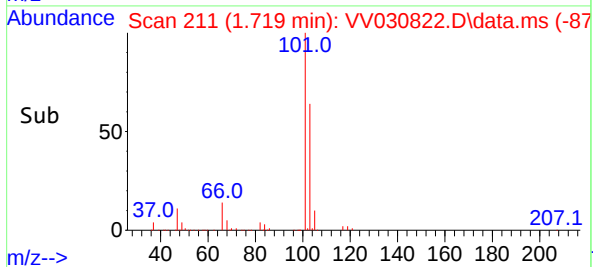
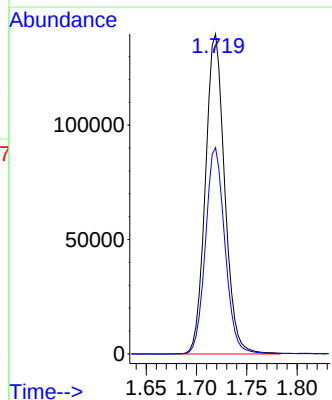
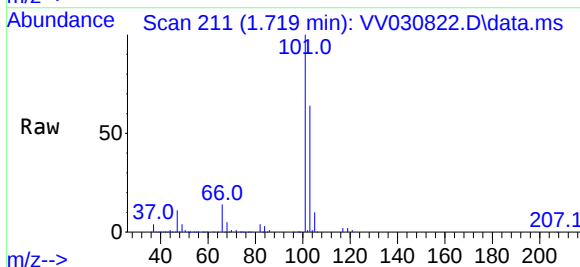
Instrument :
MSVOA_V
ClientSampleId :
VSTD050338

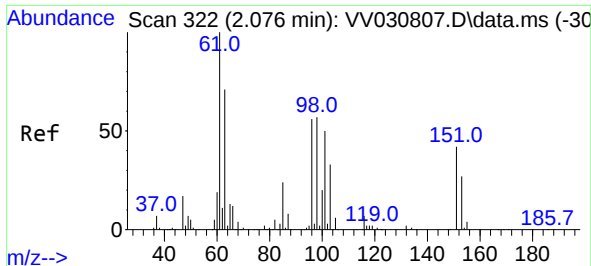
Tgt Ion: 64 Resp: 67950
Ion Ratio Lower Upper
64 100
66 33.0 22.7 42.3



#9
Trichlorofluoromethane
Concen: 44.246 ug/L
RT: 1.719 min Scan# 211
Delta R.T. -0.000 min
Lab File: VV030822.D
Acq: 25 Apr 2023 03:30

Tgt Ion:101 Resp: 186430
Ion Ratio Lower Upper
101 100
103 65.1 51.4 77.0

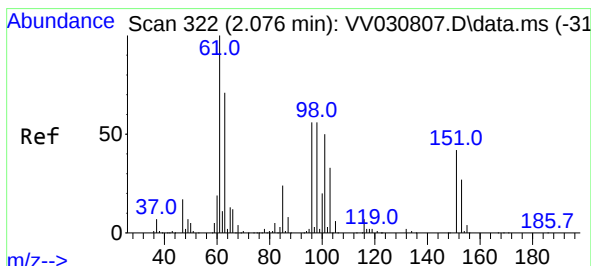
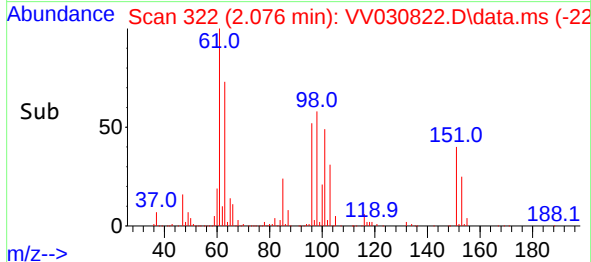
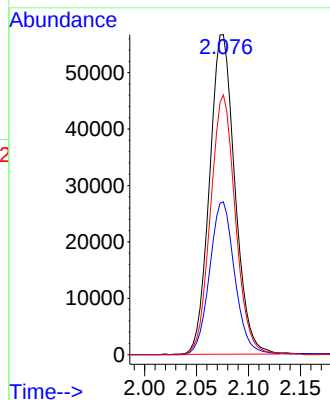
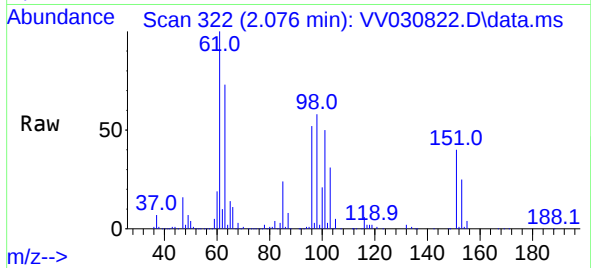




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 43.420 ug/L
RT: 2.076 min Scan# 311
Delta R.T. -0.000 min
Lab File: VV030822.D
Acq: 25 Apr 2023 03:30

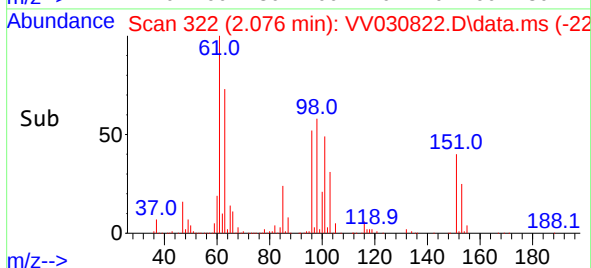
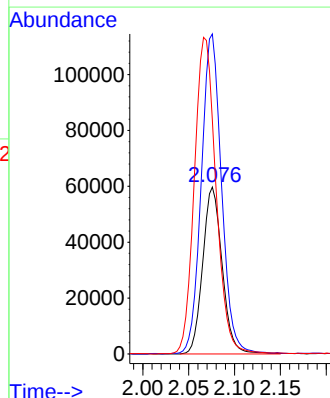
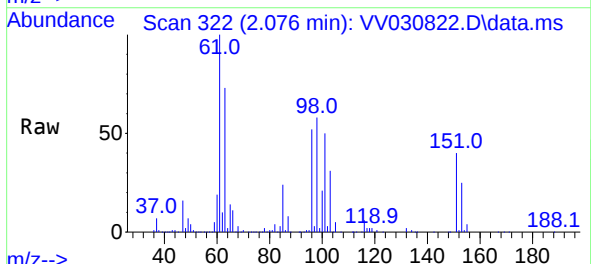
Instrument :
MSVOA_V
ClientSampleId :
VSTD050338

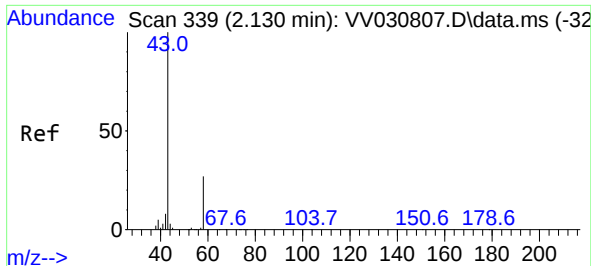
Tgt Ion:101 Resp: 96149
Ion Ratio Lower Upper
101 100
85 47.6 37.5 56.3
151 80.1 63.5 95.3



#12
1,1-Dichloroethene
Concen: 44.010 ug/L
RT: 2.076 min Scan# 322
Delta R.T. -0.000 min
Lab File: VV030822.D
Acq: 25 Apr 2023 03:30

Tgt Ion: 96 Resp: 88109
Ion Ratio Lower Upper
96 100
61 191.8 131.9 245.0
63 140.1 99.8 185.3

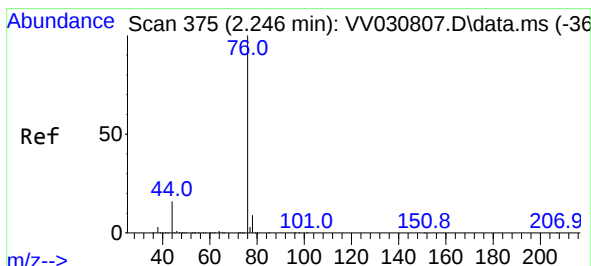
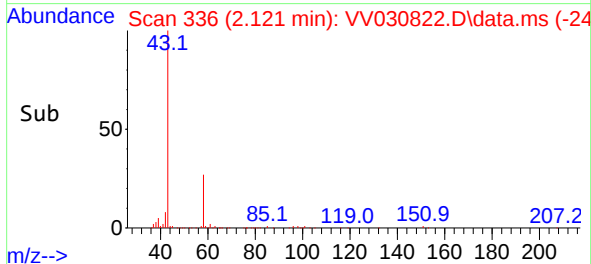
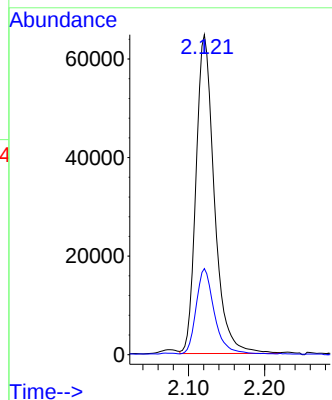
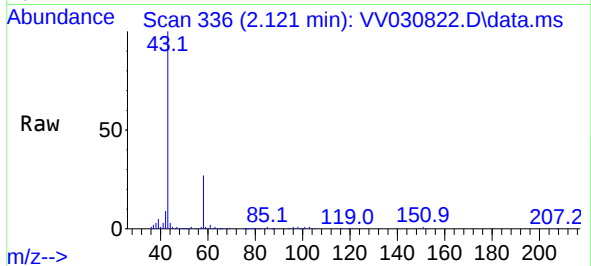




#13
Acetone
Concen: 60.839 ug/L
RT: 2.121 min Scan# 31
Delta R.T. -0.010 min
Lab File: VV030822.D
Acq: 25 Apr 2023 03:30

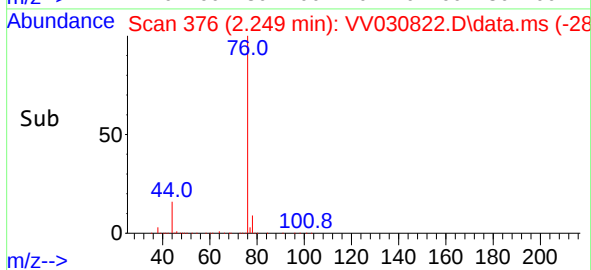
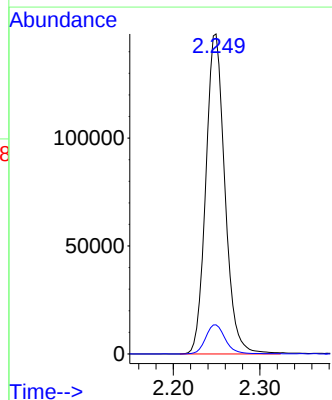
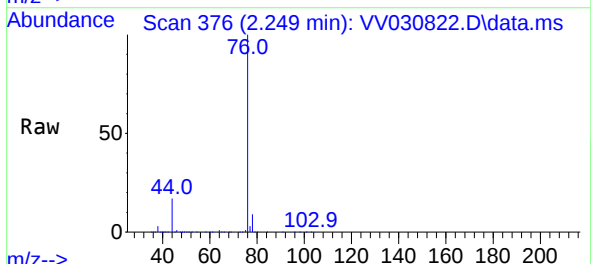
Instrument :
MSVOA_V
ClientSampleId :
VSTD050338

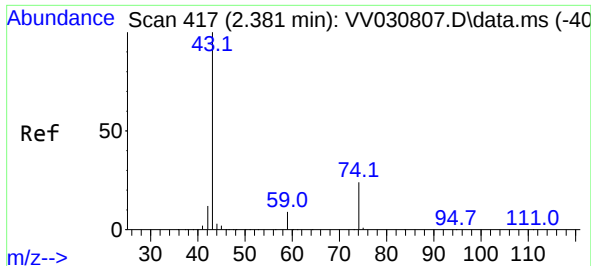
Tgt Ion: 43 Resp: 108381
Ion Ratio Lower Upper
43 100
58 26.5 0.0 52.8



#14
Carbon disulfide
Concen: 40.145 ug/L
RT: 2.249 min Scan# 376
Delta R.T. 0.003 min
Lab File: VV030822.D
Acq: 25 Apr 2023 03:30

Tgt Ion: 76 Resp: 227009
Ion Ratio Lower Upper
76 100
78 9.1 7.0 10.4

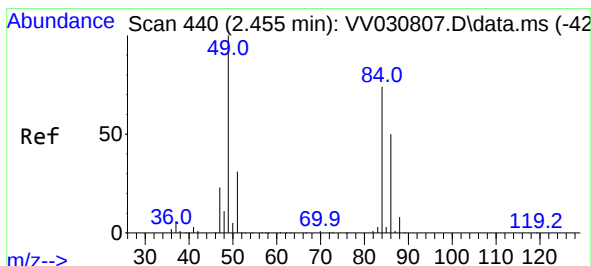
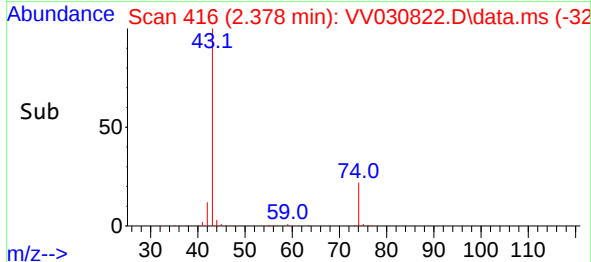
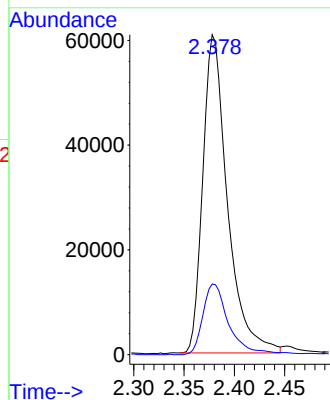
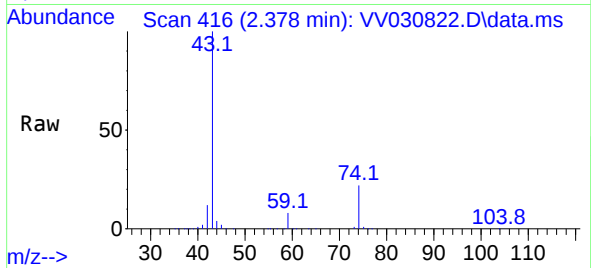




#15
Methyl Acetate
Concen: 43.554 ug/L
RT: 2.378 min Scan# 41
Delta R.T. -0.003 min
Lab File: VV030822.D
Acq: 25 Apr 2023 03:30

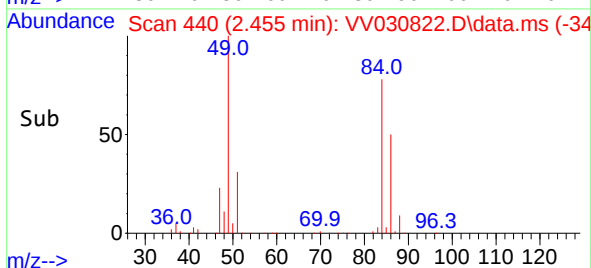
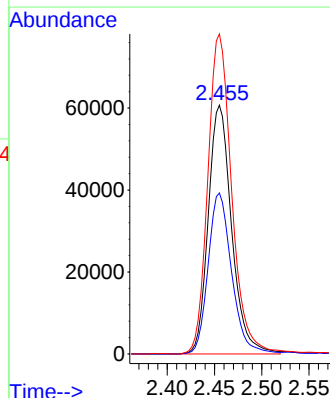
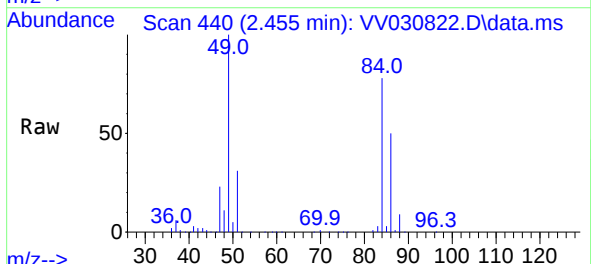
Instrument :
MSVOA_V
ClientSampleId :
VSTD050338

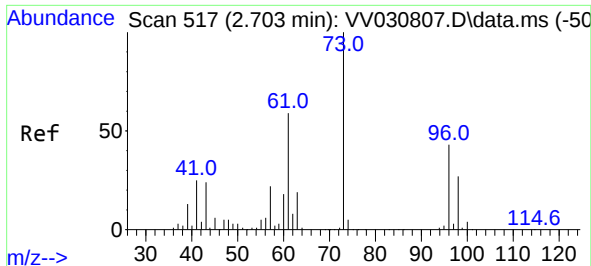
Tgt Ion: 43 Resp: 103541
Ion Ratio Lower Upper
43 100
74 23.1 17.7 26.5



#16
Methylene chloride
Concen: 45.658 ug/L
RT: 2.455 min Scan# 440
Delta R.T. -0.000 min
Lab File: VV030822.D
Acq: 25 Apr 2023 03:30

Tgt Ion: 84 Resp: 104604
Ion Ratio Lower Upper
84 100
86 64.7 45.4 84.2
49 128.7 90.4 168.0

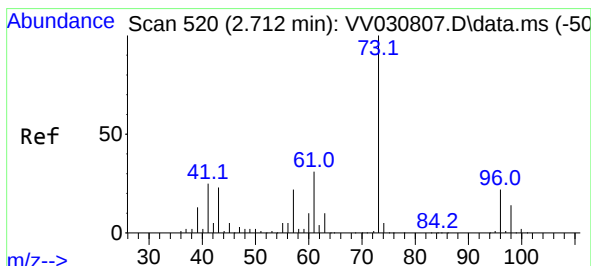
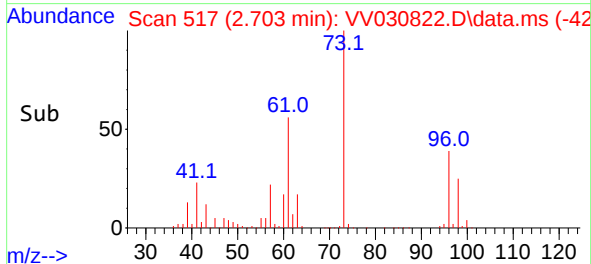
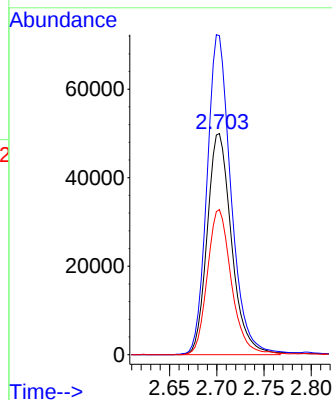
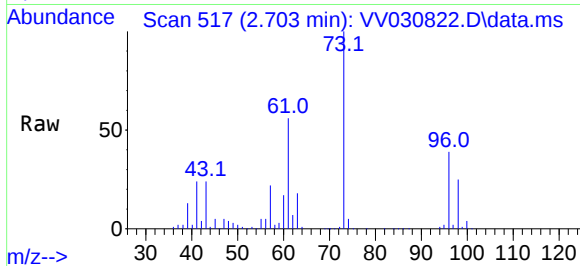




#17
trans-1,2-Dichloroethene
Concen: 44.391 ug/L
RT: 2.703 min Scan# 517
Delta R.T. 0.003 min
Lab File: VV030822.D
Acq: 25 Apr 2023 03:30

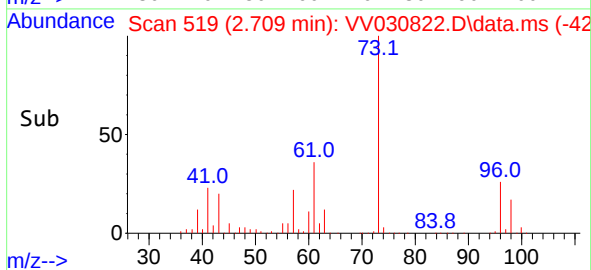
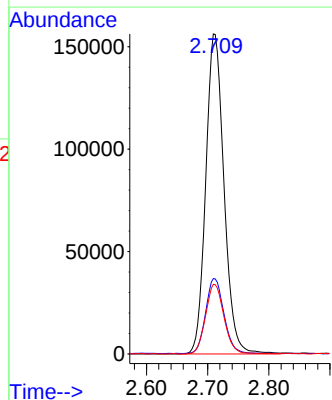
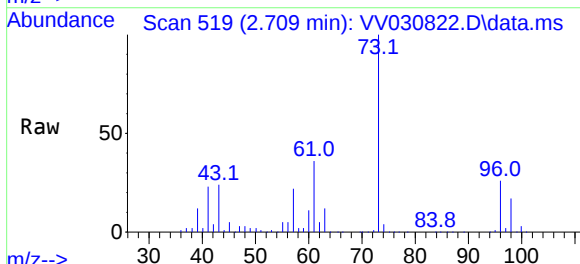
Instrument :
MSVOA_V
ClientSampleId :
VSTD050338

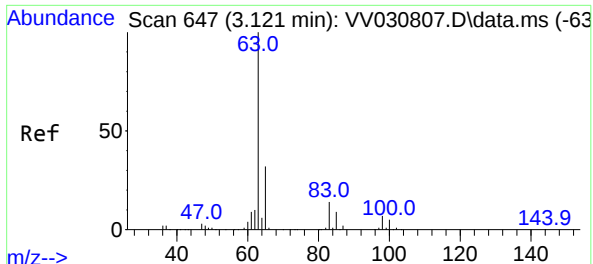
Tgt Ion: 96 Resp: 89717
Ion Ratio Lower Upper
96 100
61 144.3 101.0 187.6
98 65.6 45.4 84.2



#18
Methyl tert-butyl Ether
Concen: 50.044 ug/L
RT: 2.709 min Scan# 519
Delta R.T. -0.003 min
Lab File: VV030822.D
Acq: 25 Apr 2023 03:30

Tgt Ion: 73 Resp: 323968
Ion Ratio Lower Upper
73 100
43 23.3 17.6 26.4
57 22.0 18.2 27.2

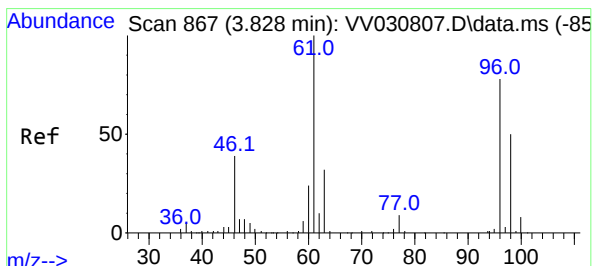
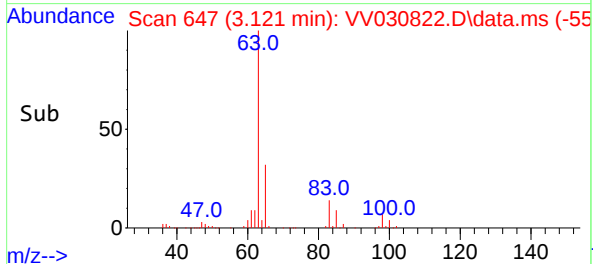
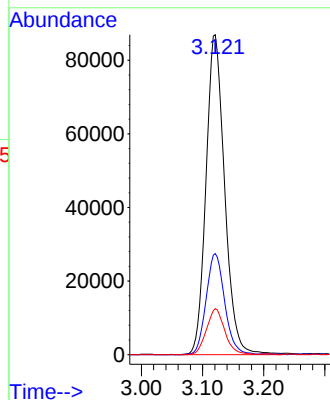
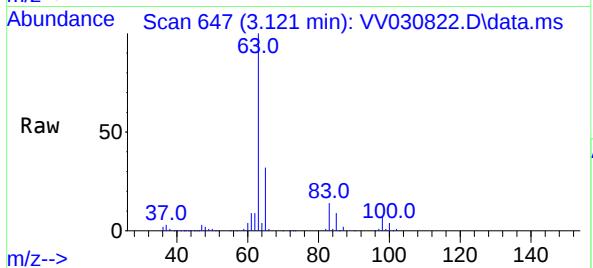




#19
1,1-Dichloroethane
Concen: 44.771 ug/L
RT: 3.121 min Scan# 647
Delta R.T. -0.000 min
Lab File: VV030822.D
Acq: 25 Apr 2023 03:30

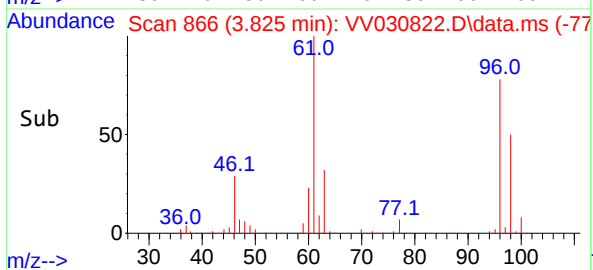
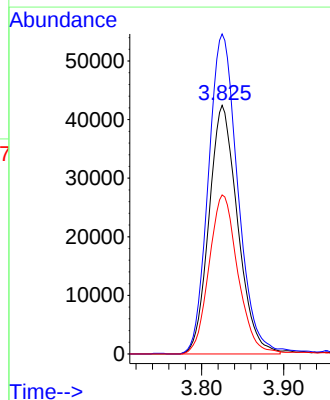
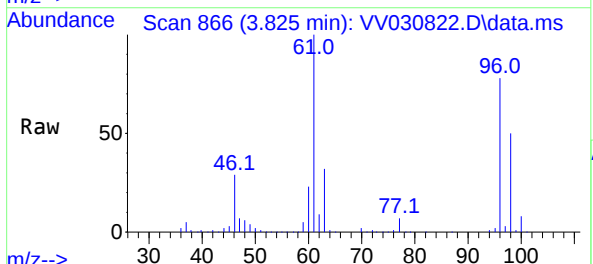
Instrument :
MSVOA_V
ClientSampleId :
VSTD050338

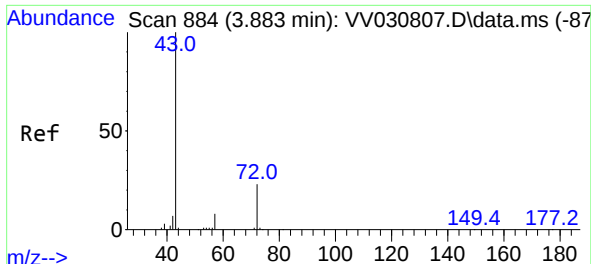
Tgt Ion: 63 Resp: 184487
Ion Ratio Lower Upper
63 100
65 31.6 21.8 40.6
83 14.4 10.2 19.0



#20
cis-1,2-Dichloroethene
Concen: 46.822 ug/L
RT: 3.825 min Scan# 866
Delta R.T. -0.000 min
Lab File: VV030822.D
Acq: 25 Apr 2023 03:30

Tgt Ion: 96 Resp: 102940
Ion Ratio Lower Upper
96 100
61 128.7 92.3 171.3
98 63.9 45.9 85.3

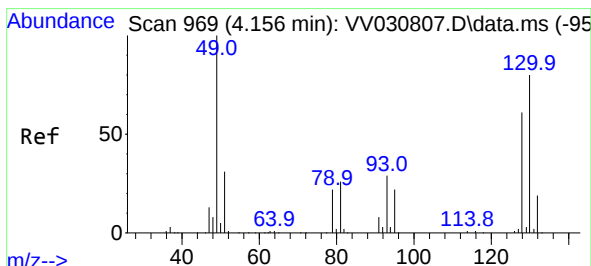
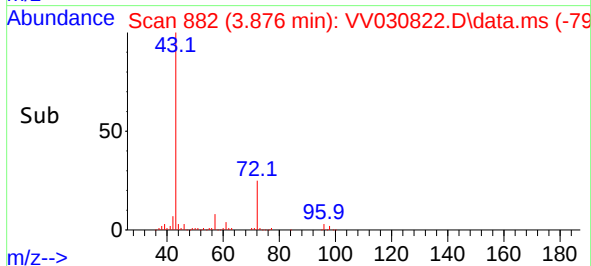
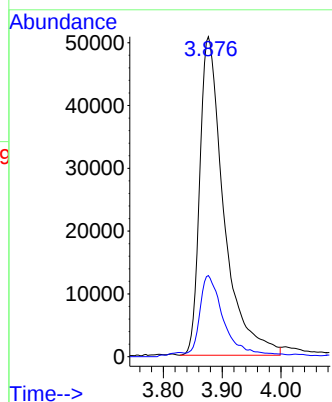
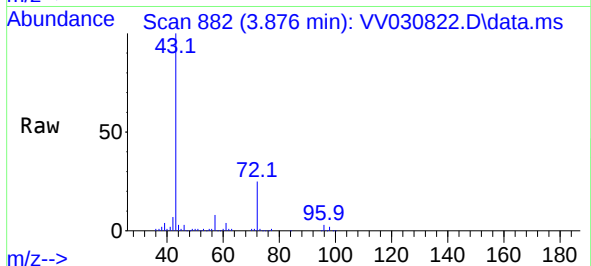




#22
2-Butanone
Concen: 78.207 ug/L
RT: 3.876 min Scan# 81
Delta R.T. -0.006 min
Lab File: VV030822.D
Acq: 25 Apr 2023 03:30

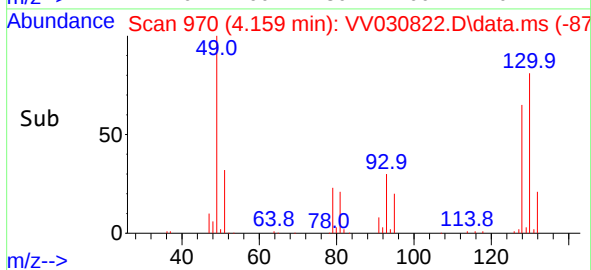
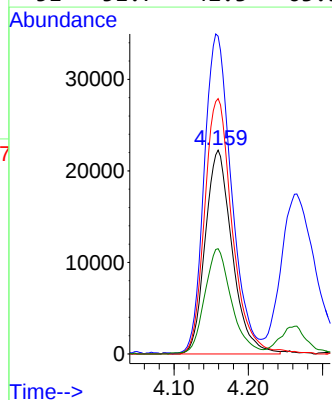
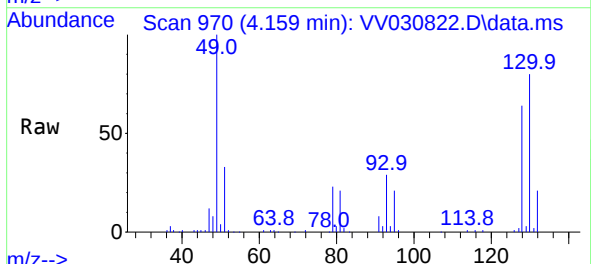
Instrument :
MSVOA_V
ClientSampleId :
VSTD050338

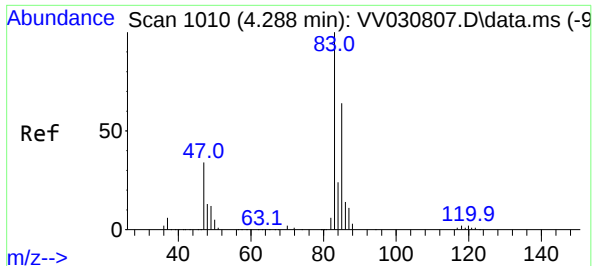
Tgt Ion: 43 Resp: 143975
Ion Ratio Lower Upper
43 100
72 22.2 11.5 34.4



#23
Bromochloromethane
Concen: 45.646 ug/L
RT: 4.159 min Scan# 970
Delta R.T. -0.000 min
Lab File: VV030822.D
Acq: 25 Apr 2023 03:30

Tgt Ion: 128 Resp: 56050
Ion Ratio Lower Upper
128 100
49 155.9 114.7 213.1
130 125.3 89.0 165.2
51 51.7 42.3 63.5





#25

Chloroform

Concen: 45.718 ug/L

RT: 4.288 min Scan# 1010

Delta R.T. 0.003 min

Lab File: VV030822.D

Acq: 25 Apr 2023 03:30

Instrument :

MSVOA_V

ClientSampleId :

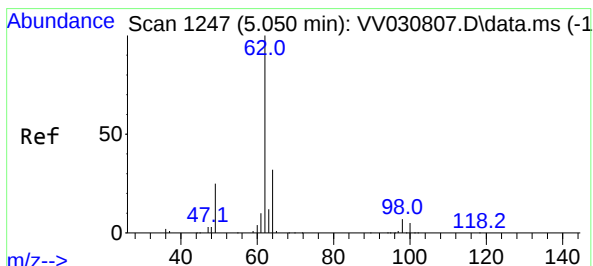
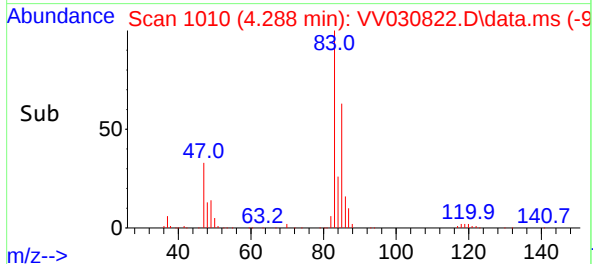
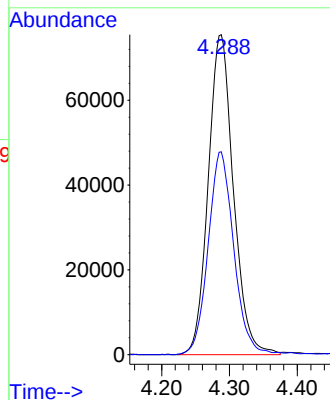
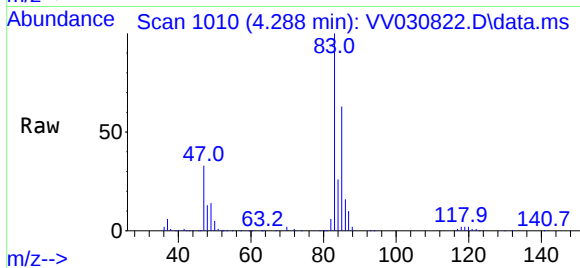
VSTD050338

Tgt Ion: 83 Resp: 194990

Ion Ratio Lower Upper

83 100

85 63.4 45.8 85.2



#27

1,2-Dichloroethane

Concen: 48.058 ug/L

RT: 5.050 min Scan# 1247

Delta R.T. -0.000 min

Lab File: VV030822.D

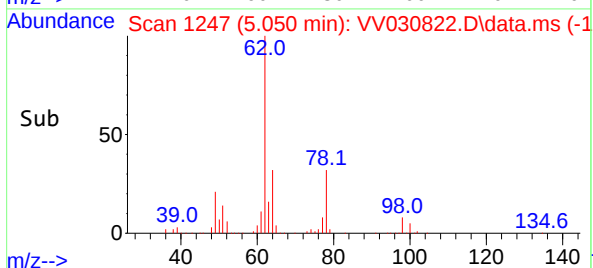
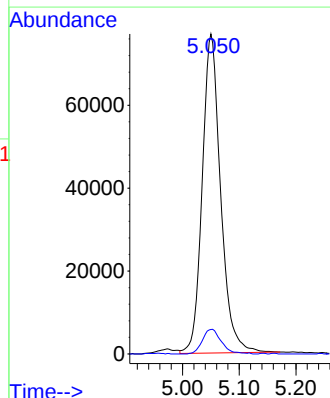
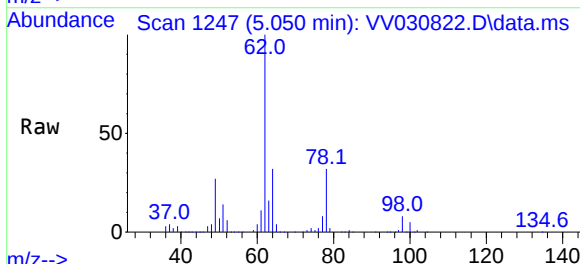
Acq: 25 Apr 2023 03:30

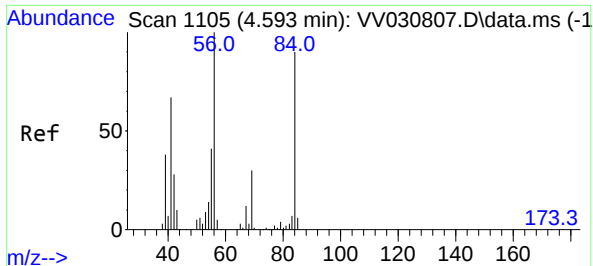
Tgt Ion: 62 Resp: 173508

Ion Ratio Lower Upper

62 100

98 7.7 6.4 9.6





#29

Cyclohexane

Concen: 45.826 ug/L

RT: 4.593 min Scan# 1105

Delta R.T. -0.000 min

Lab File: VV030822.D

Acq: 25 Apr 2023 03:30

Instrument :

MSVOA_V

ClientSampleId :

VSTD050338

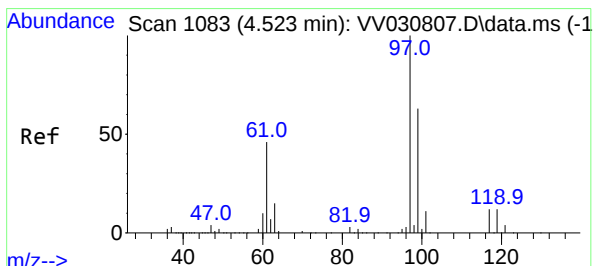
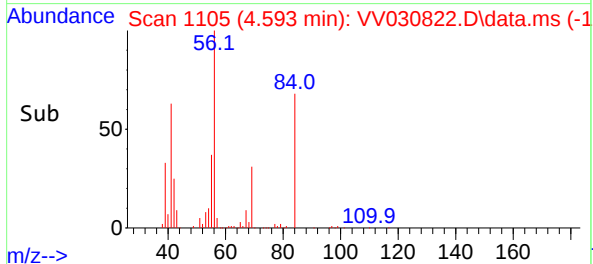
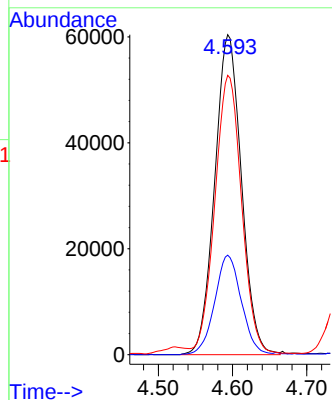
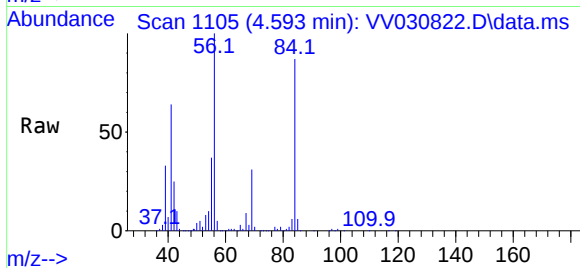
Tgt Ion: 56 Resp: 151093

Ion Ratio Lower Upper

56 100

69 30.8 24.0 36.0

84 87.0 68.2 102.2



#30

1,1,1-Trichloroethane

Concen: 46.724 ug/L

RT: 4.523 min Scan# 1083

Delta R.T. -0.000 min

Lab File: VV030822.D

Acq: 25 Apr 2023 03:30

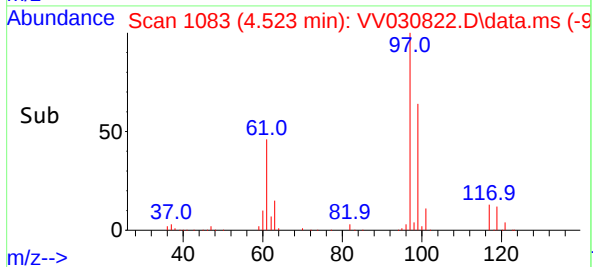
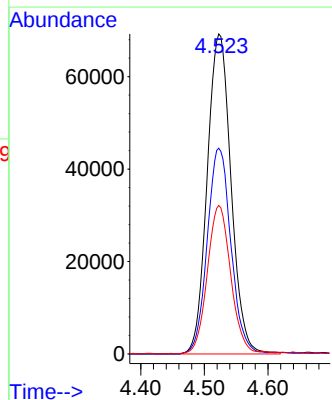
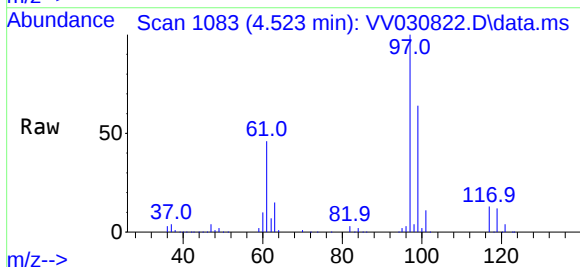
Tgt Ion: 97 Resp: 180382

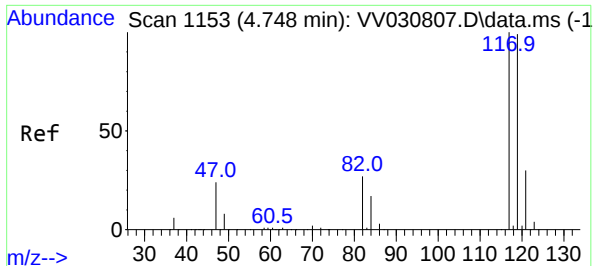
Ion Ratio Lower Upper

97 100

99 63.9 51.4 77.0

61 45.0 37.0 55.6

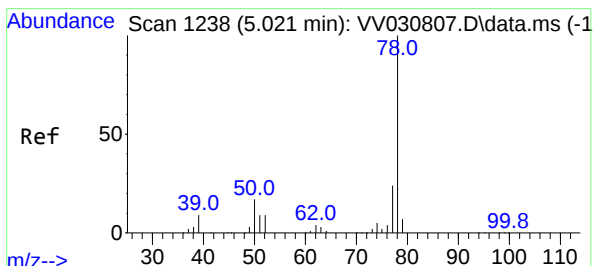
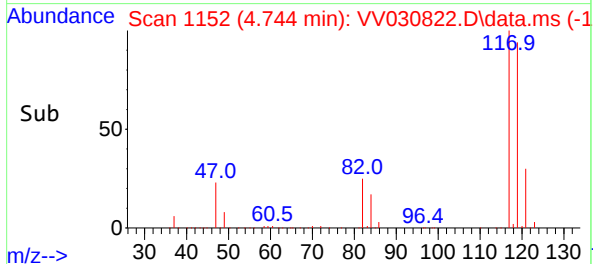
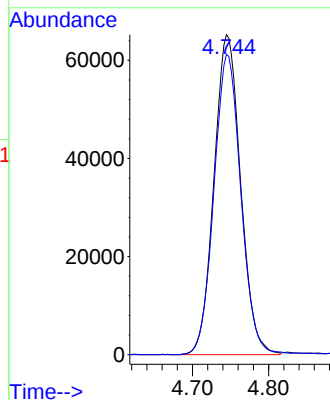
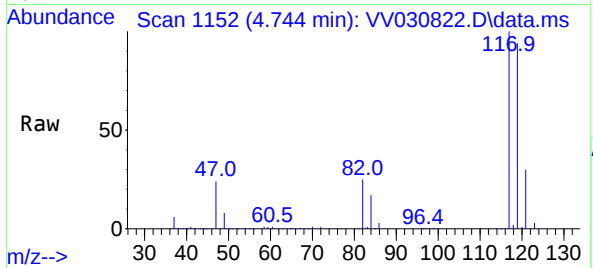




#31
Carbon tetrachloride
Concen: 45.845 ug/L
RT: 4.744 min Scan# 1153
Delta R.T. -0.000 min
Lab File: VV030822.D
Acq: 25 Apr 2023 03:30

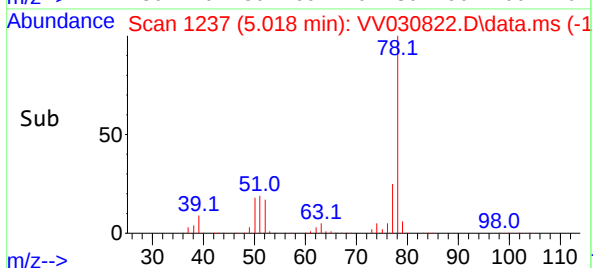
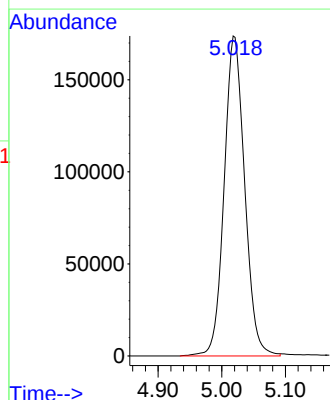
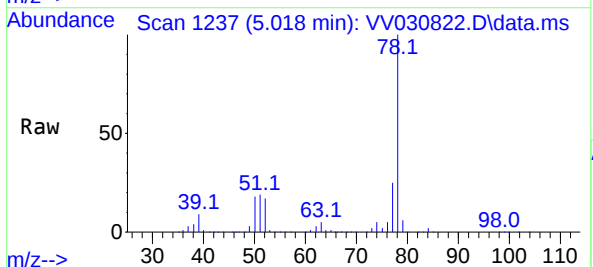
Instrument :
MSVOA_V
ClientSampleId :
VSTD050338

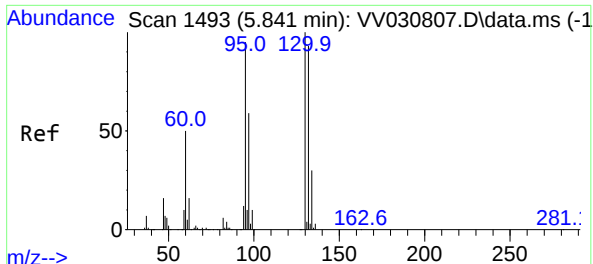
Tgt Ion:117 Resp: 158242
Ion Ratio Lower Upper
117 100
119 95.1 75.9 113.9



#33
Benzene
Concen: 46.658 ug/L
RT: 5.018 min Scan# 1237
Delta R.T. -0.000 min
Lab File: VV030822.D
Acq: 25 Apr 2023 03:30

Tgt Ion: 78 Resp: 389273





#34

Trichloroethene

Concen: 47.717 ug/L

RT: 5.841 min Scan# 1493

Delta R.T. -0.000 min

Lab File: VV030822.D

Acq: 25 Apr 2023 03:30

Instrument :

MSVOA_V

ClientSampleId :

VSTD050338

Tgt Ion: 95 Resp: 103554

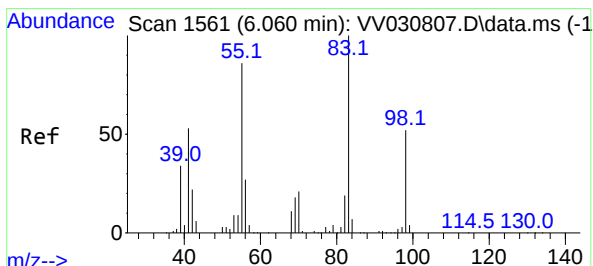
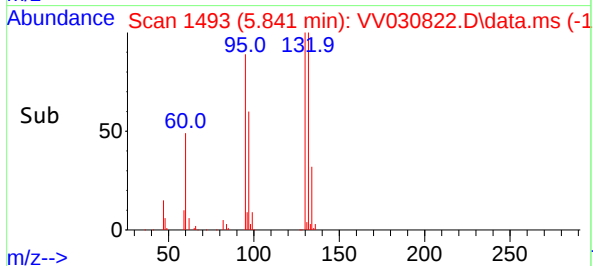
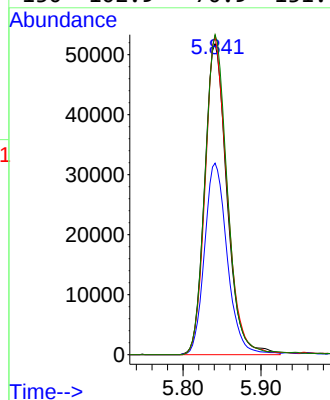
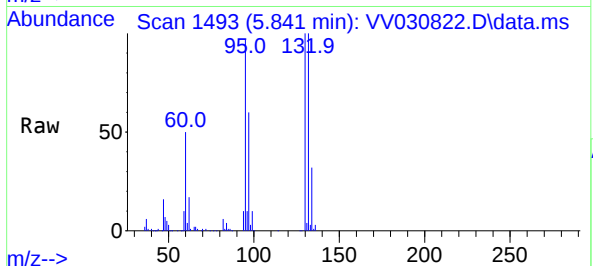
Ion Ratio Lower Upper

95 100

97 61.6 45.8 85.2

132 102.5 70.6 131.2

130 102.9 70.9 131.7



#35

Methylcyclohexane

Concen: 45.441 ug/L

RT: 6.060 min Scan# 1561

Delta R.T. -0.000 min

Lab File: VV030822.D

Acq: 25 Apr 2023 03:30

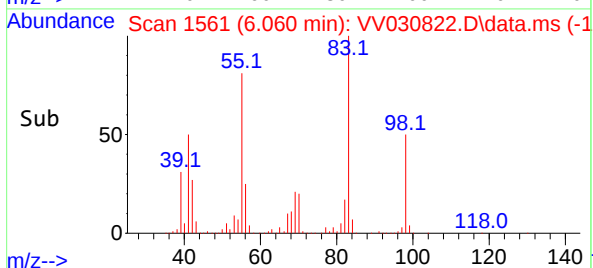
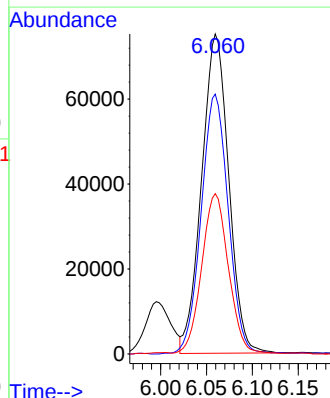
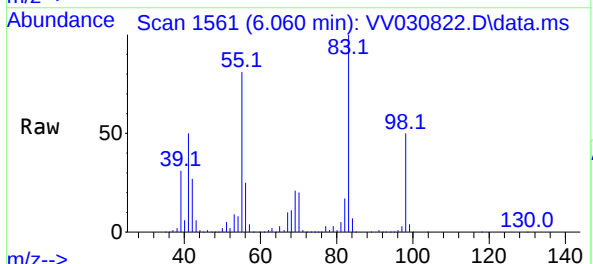
Tgt Ion: 83 Resp: 154519

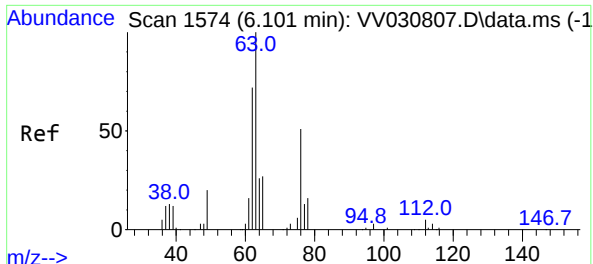
Ion Ratio Lower Upper

83 100

55 81.5 65.5 98.3

98 49.8 38.7 58.1

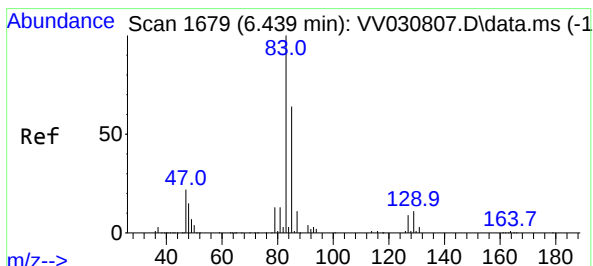
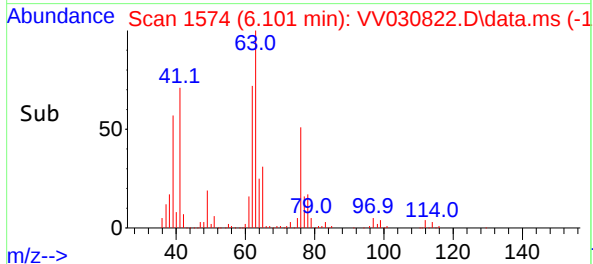
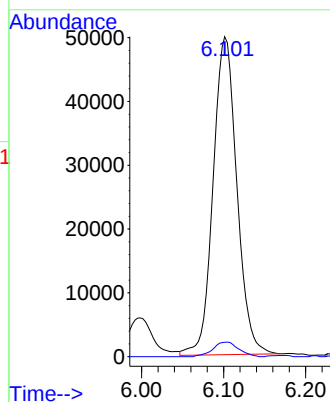
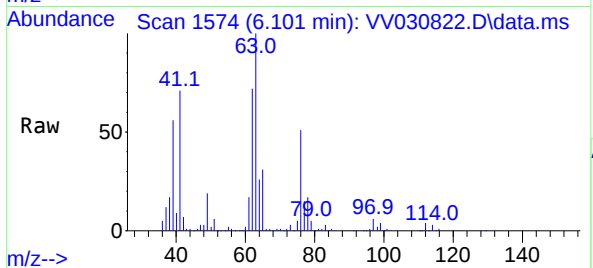




#37
1,2-Dichloropropane
Concen: 44.780 ug/L
RT: 6.101 min Scan# 11
Delta R.T. -0.000 min
Lab File: VV030822.D
Acq: 25 Apr 2023 03:30

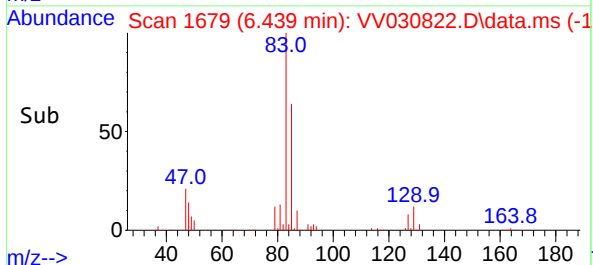
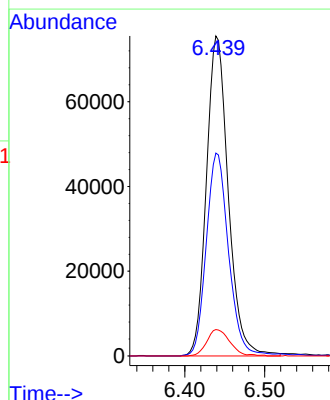
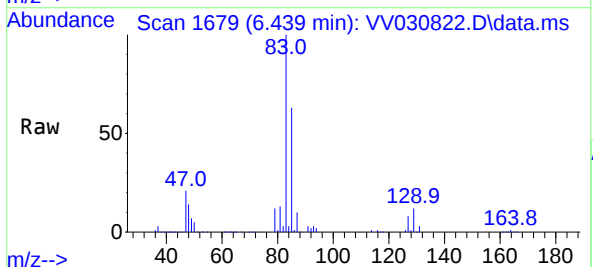
Instrument :
MSVOA_V
ClientSampleId :
VSTD050338

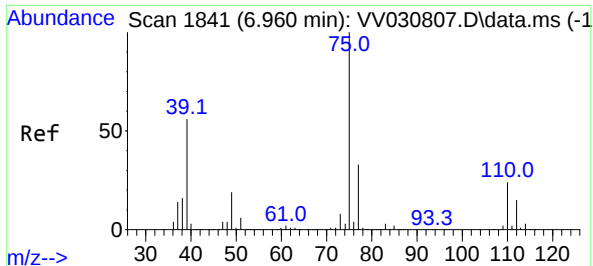
Tgt Ion: 63 Resp: 100558
Ion Ratio Lower Upper
63 100
112 5.0 3.8 5.8



#38
Bromodichloromethane
Concen: 45.580 ug/L
RT: 6.439 min Scan# 1679
Delta R.T. -0.000 min
Lab File: VV030822.D
Acq: 25 Apr 2023 03:30

Tgt Ion: 83 Resp: 143784
Ion Ratio Lower Upper
83 100
85 63.4 45.4 84.4
127 8.2 7.0 10.4

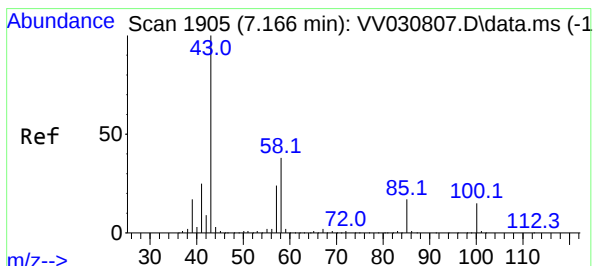
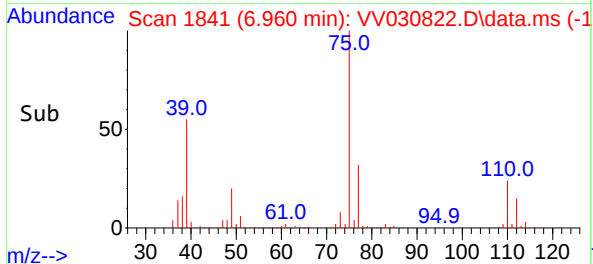
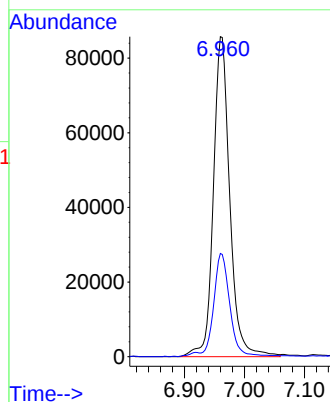
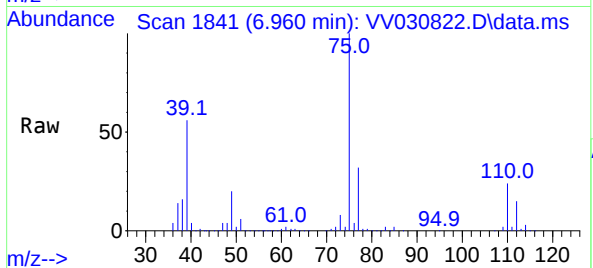




#39
cis-1,3-Dichloropropene
Concen: 48.355 ug/L
RT: 6.960 min Scan# 1841
Delta R.T. -0.000 min
Lab File: VV030822.D
Acq: 25 Apr 2023 03:30

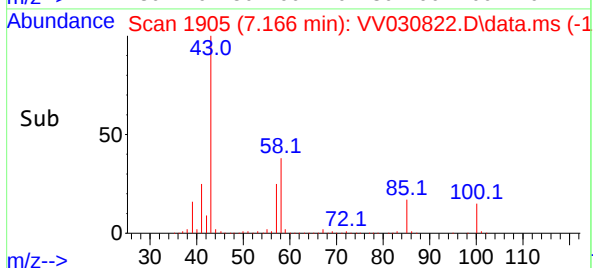
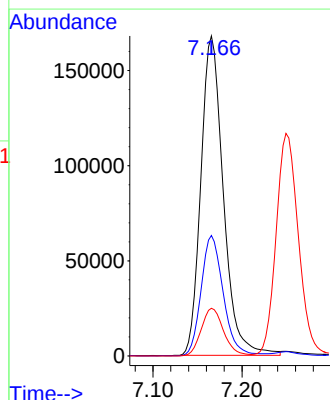
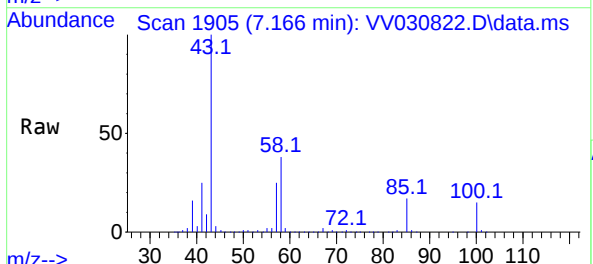
Instrument :
MSVOA_V
ClientSampleId :
VSTD050338

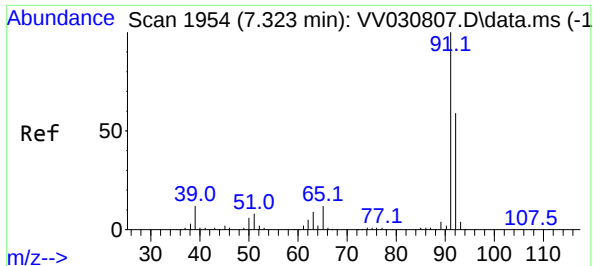
Tgt Ion: 75 Resp: 162974
Ion Ratio Lower Upper
75 100
77 32.3 22.0 40.8



#40
4-Methyl-2-pentanone
Concen: 94.071 ug/L
RT: 7.166 min Scan# 1905
Delta R.T. -0.000 min
Lab File: VV030822.D
Acq: 25 Apr 2023 03:30

Tgt Ion: 43 Resp: 295091
Ion Ratio Lower Upper
43 100
58 37.0 29.2 43.8
100 14.9 11.3 16.9

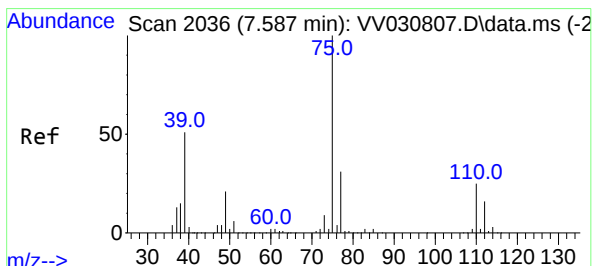
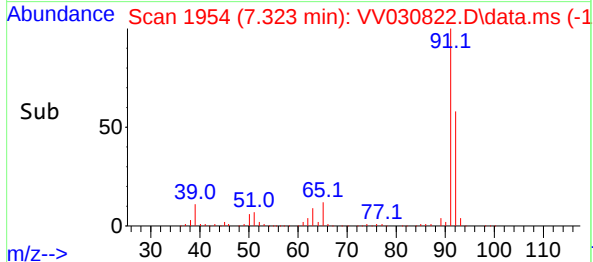
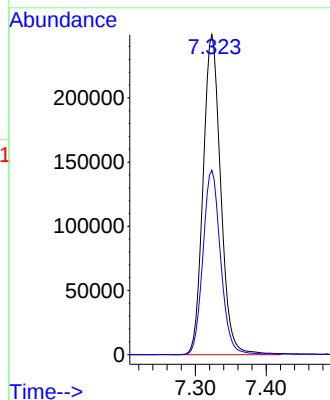
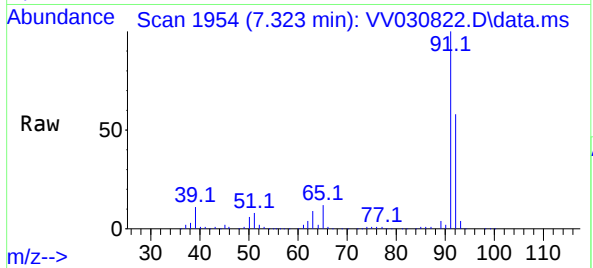




#42
Toluene
Concen: 48.031 ug/L
RT: 7.323 min Scan# 1954
Delta R.T. -0.000 min
Lab File: VV030822.D
Acq: 25 Apr 2023 03:30

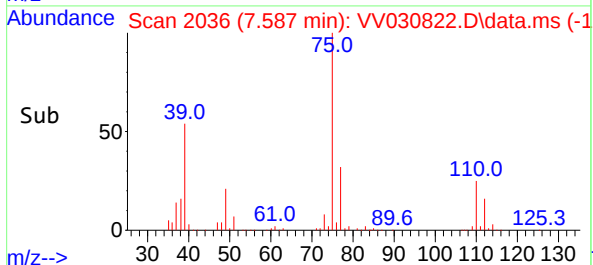
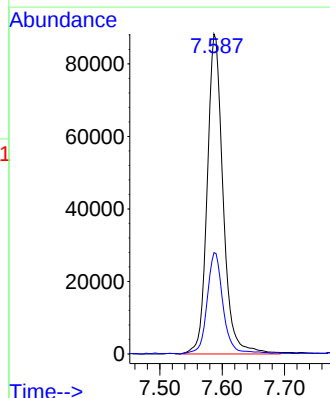
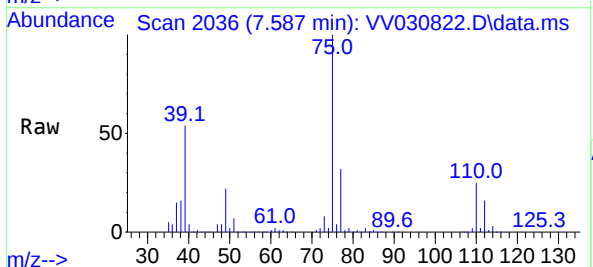
Instrument :
MSVOA_V
ClientSampleId :
VSTD050338

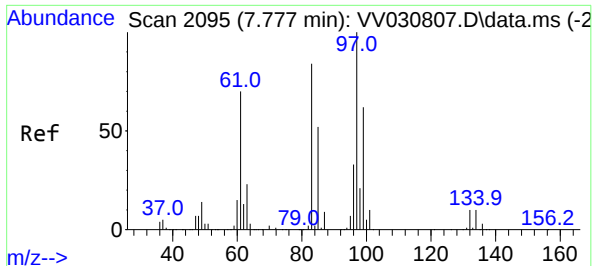
Tgt Ion: 91 Resp: 429228
Ion Ratio Lower Upper
91 100
92 57.6 39.8 73.8



#44
trans-1,3-Dichloropropene
Concen: 47.213 ug/L
RT: 7.587 min Scan# 2036
Delta R.T. -0.000 min
Lab File: VV030822.D
Acq: 25 Apr 2023 03:30

Tgt Ion: 75 Resp: 156336
Ion Ratio Lower Upper
75 100
77 31.6 22.1 41.1



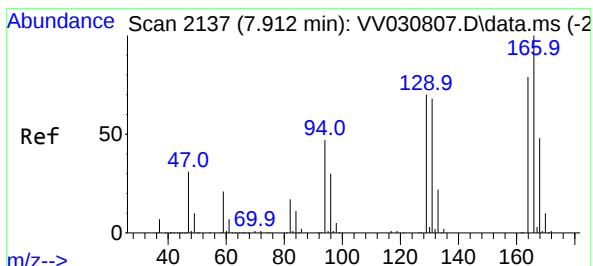
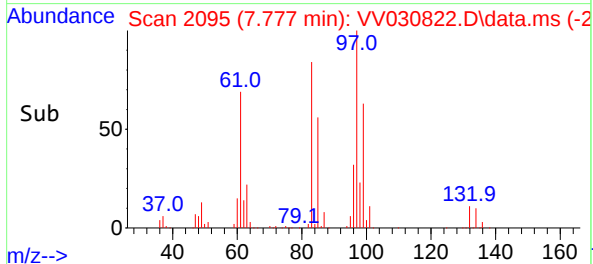
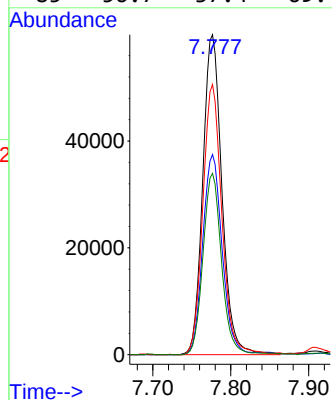
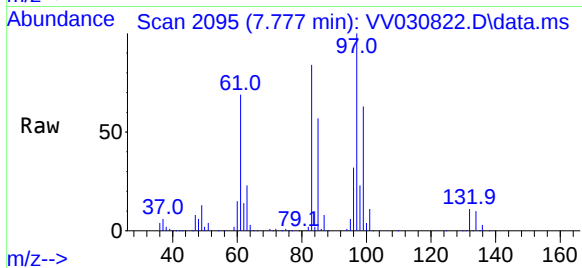


#45
1,1,2-Trichloroethane
Concen: 45.552 ug/L
RT: 7.777 min Scan# 2095
Delta R.T. -0.000 min
Lab File: VV030822.D
Acq: 25 Apr 2023 03:30

Instrument :
MSVOA_V
ClientSampleId :
VSTD050338

Tgt Ion: 97 Resp: 102573

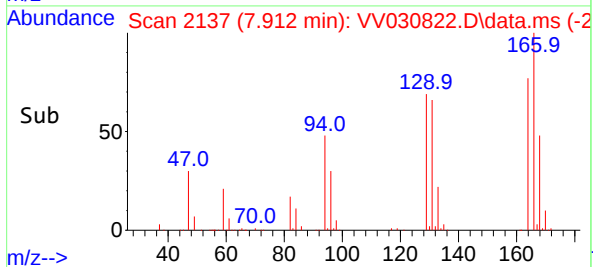
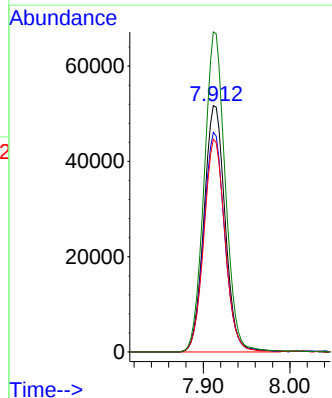
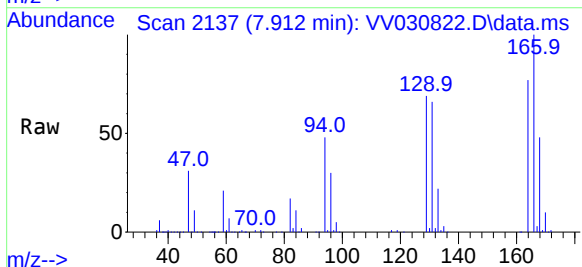
Ion	Ratio	Lower	Upper
97	100		
99	62.6	43.8	81.4
83	84.4	59.6	110.6
85	56.7	37.4	69.4

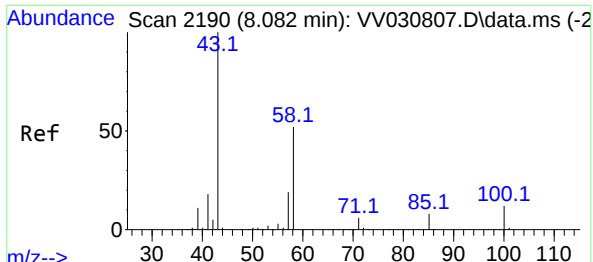


#46
Tetrachloroethene
Concen: 46.300 ug/L
RT: 7.912 min Scan# 2137
Delta R.T. -0.000 min
Lab File: VV030822.D
Acq: 25 Apr 2023 03:30

Tgt Ion: 164 Resp: 87949

Ion	Ratio	Lower	Upper
164	100		
129	89.1	63.8	118.6
131	86.4	60.3	111.9
166	129.9	89.5	166.1



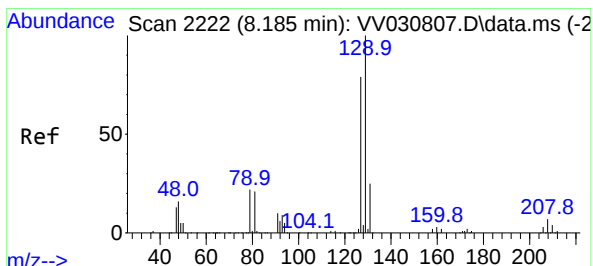
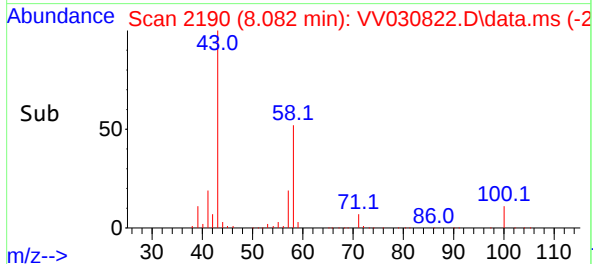
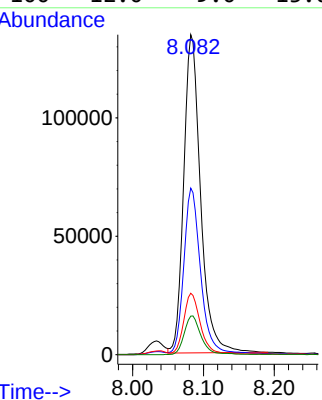
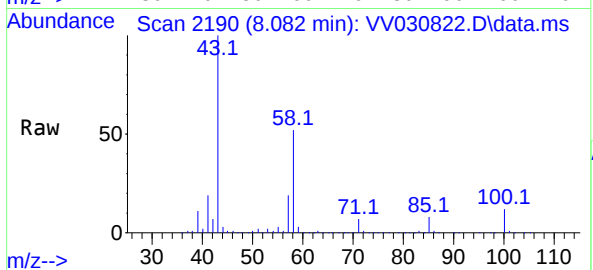


#48
2-Hexanone
Concen: 85.901 ug/L
RT: 8.082 min Scan# 2190
Delta R.T. -0.000 min
Lab File: VV030822.D
Acq: 25 Apr 2023 03:30

Instrument :
MSVOA_V
ClientSampleId :
VSTD050338

Tgt Ion: 43 Resp: 222338

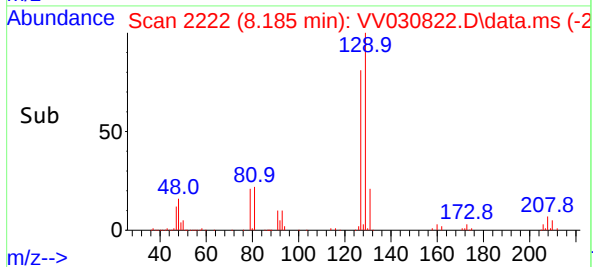
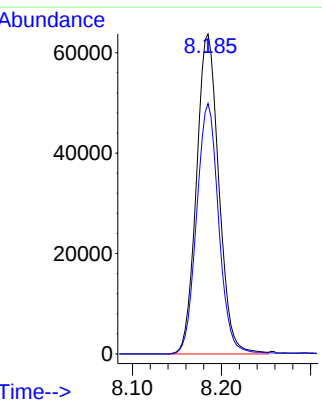
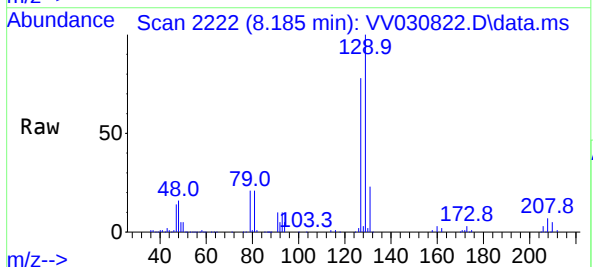
Ion	Ratio	Lower	Upper
43	100		
58	51.5	41.4	62.0
57	18.7	14.9	22.3
100	12.0	9.0	13.6

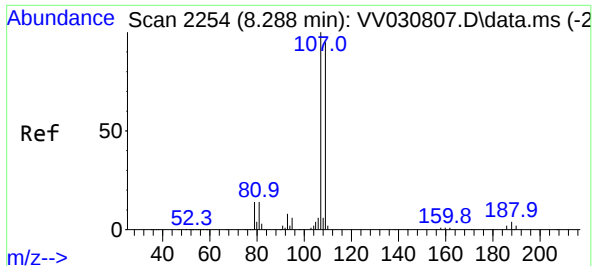


#49
Dibromochloromethane
Concen: 44.785 ug/L
RT: 8.185 min Scan# 2222
Delta R.T. -0.000 min
Lab File: VV030822.D
Acq: 25 Apr 2023 03:30

Tgt Ion: 129 Resp: 111237

Ion	Ratio	Lower	Upper
129	100		
127	78.2	52.8	98.2





#50

1,2-Dibromoethane

Concen: 46.143 ug/L

RT: 8.291 min Scan# 21

Delta R.T. 0.003 min

Lab File: VV030822.D

Acq: 25 Apr 2023 03:30

Instrument :

MSVOA_V

ClientSampleId :

VSTD050338

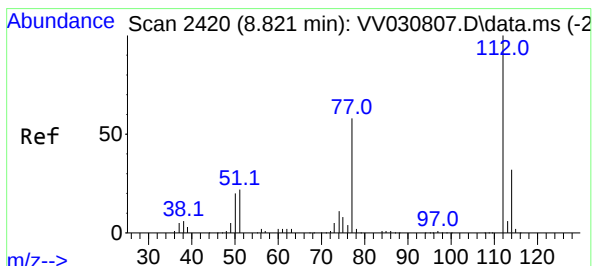
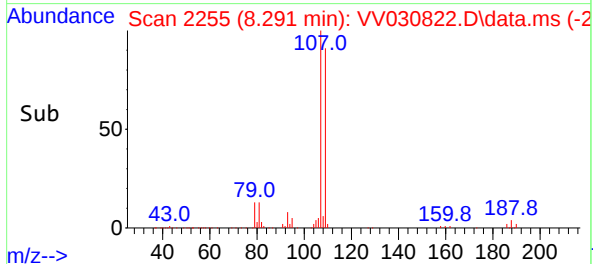
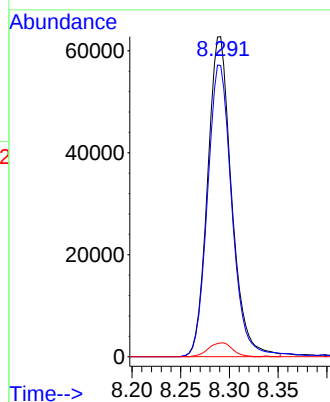
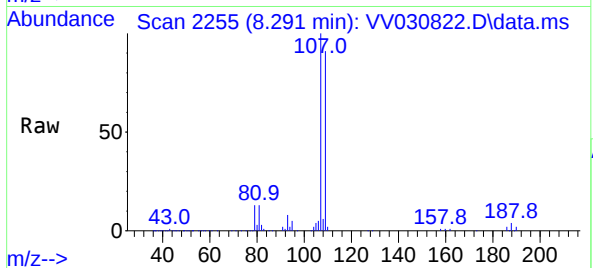
Tgt Ion:107 Resp: 107659

Ion Ratio Lower Upper

107 100

109 91.0 65.7 121.9

188 4.3 3.2 4.8



#51

Chlorobenzene

Concen: 47.306 ug/L

RT: 8.821 min Scan# 2420

Delta R.T. -0.000 min

Lab File: VV030822.D

Acq: 25 Apr 2023 03:30

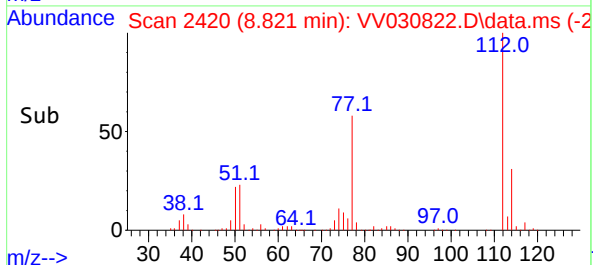
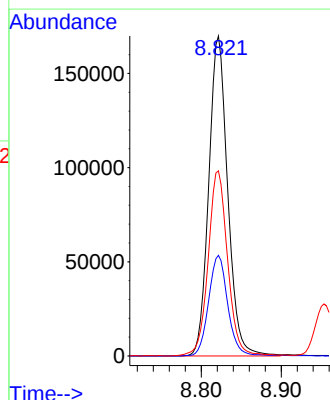
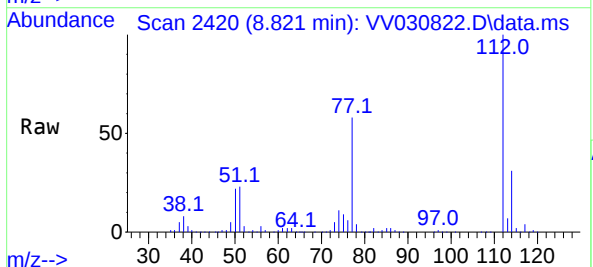
Tgt Ion:112 Resp: 279980

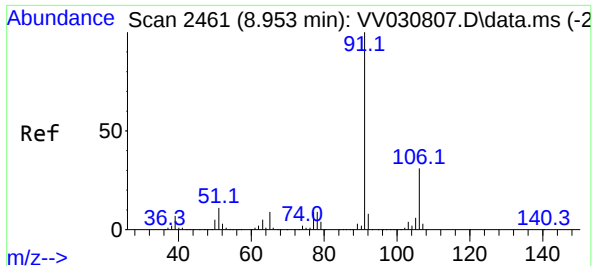
Ion Ratio Lower Upper

112 100

114 31.5 22.4 41.6

77 57.9 47.4 71.0

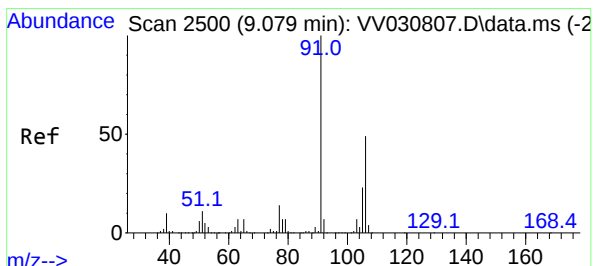
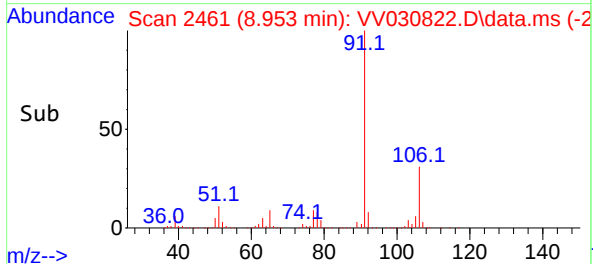
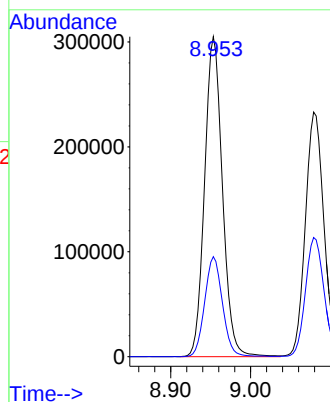
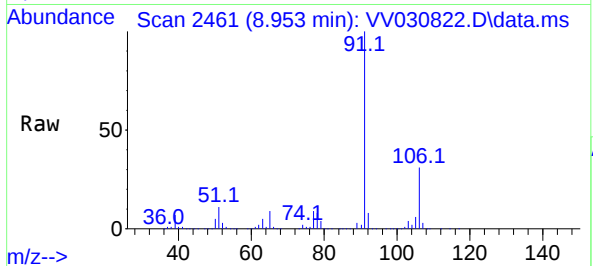




#52
Ethylbenzene
Concen: 47.914 ug/L
RT: 8.953 min Scan# 2461
Delta R.T. -0.000 min
Lab File: VV030822.D
Acq: 25 Apr 2023 03:30

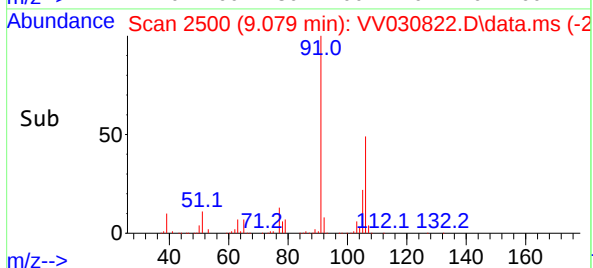
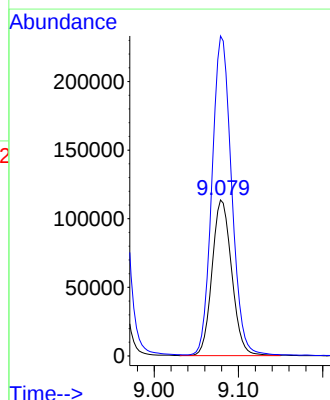
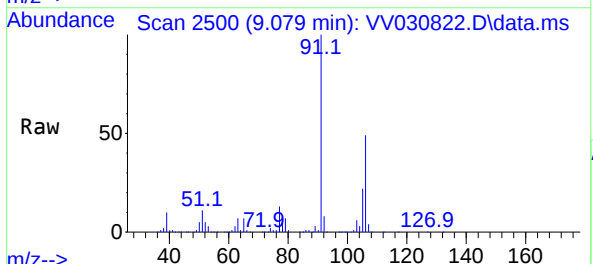
Instrument :
MSVOA_V
ClientSampleId :
VSTD050338

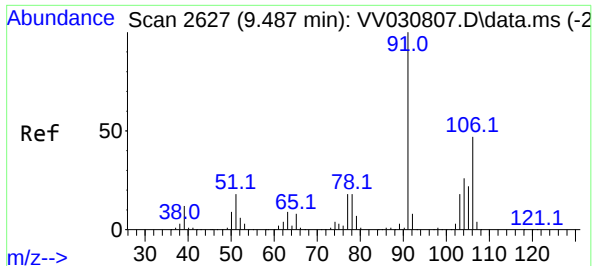
Tgt Ion: 91 Resp: 474014
Ion Ratio Lower Upper
91 100
106 31.2 21.8 40.4



#53
m,p-Xylene
Concen: 49.046 ug/L
RT: 9.079 min Scan# 2500
Delta R.T. -0.000 min
Lab File: VV030822.D
Acq: 25 Apr 2023 03:30

Tgt Ion: 106 Resp: 183280
Ion Ratio Lower Upper
106 100
91 205.2 144.7 268.7

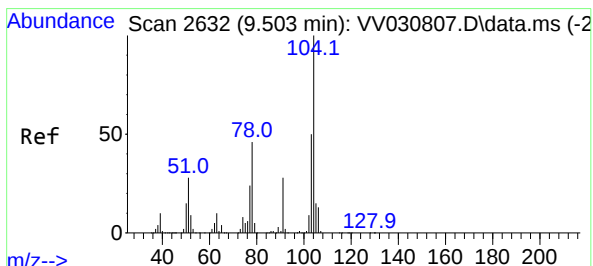
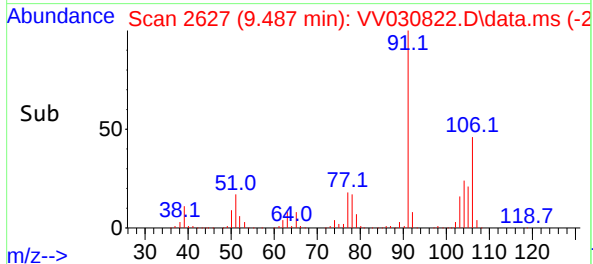
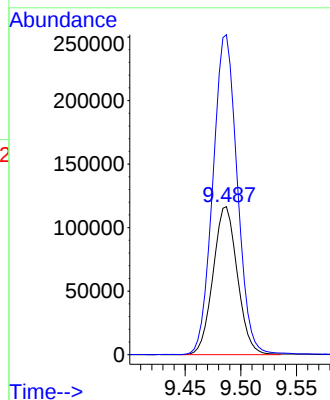
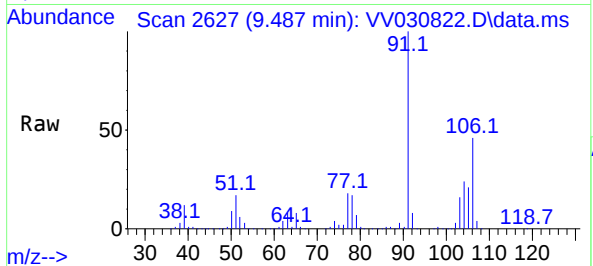




#54
o-Xylene
Concen: 48.435 ug/L
RT: 9.487 min Scan# 2627
Delta R.T. -0.000 min
Lab File: VV030822.D
Acq: 25 Apr 2023 03:30

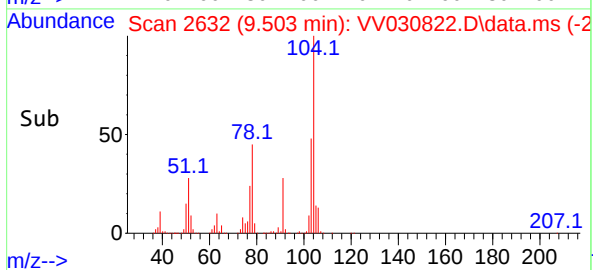
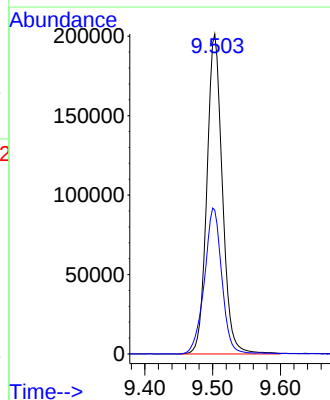
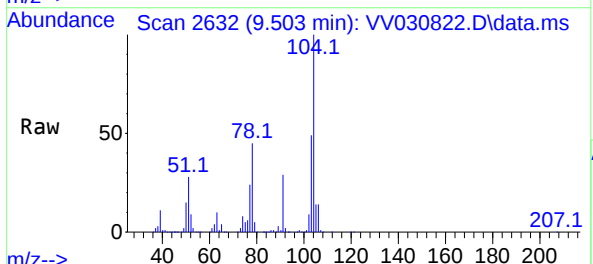
Instrument : MSVOA_V
ClientSampleId : VSTD050338

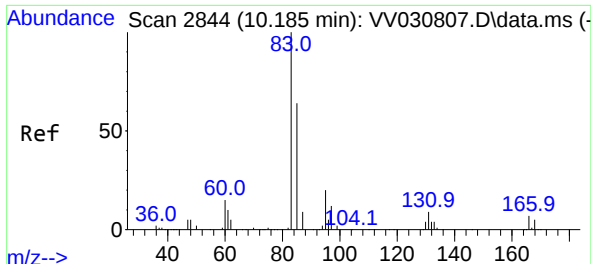
Tgt Ion:106 Resp: 177066
Ion Ratio Lower Upper
106 100
91 216.1 152.6 283.4



#55
Styrene
Concen: 49.837 ug/L
RT: 9.503 min Scan# 2632
Delta R.T. -0.000 min
Lab File: VV030822.D
Acq: 25 Apr 2023 03:30

Tgt Ion:104 Resp: 320033
Ion Ratio Lower Upper
104 100
78 45.0 32.3 59.9

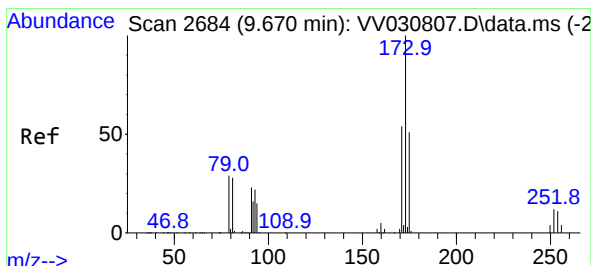
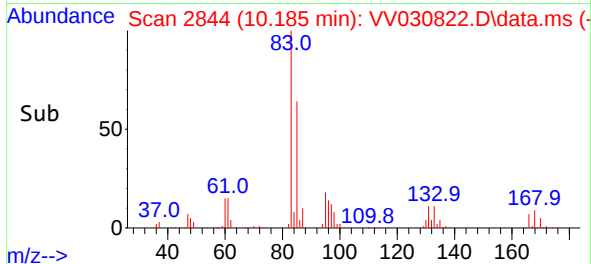
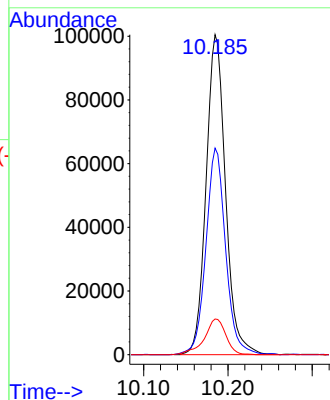
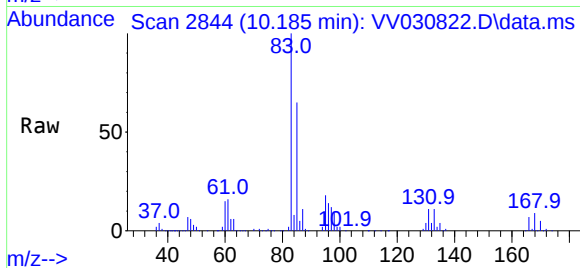




#57
1,1,2,2-Tetrachloroethane
Concen: 43.623 ug/L
RT: 10.185 min Scan# 2844
Delta R.T. -0.000 min
Lab File: VV030822.D
Acq: 25 Apr 2023 03:30

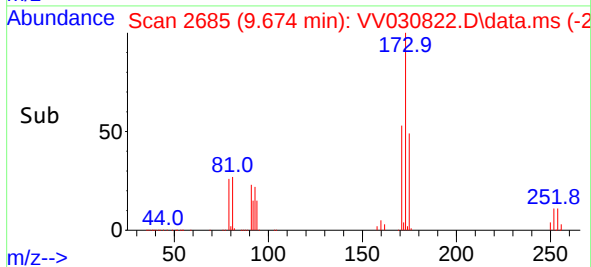
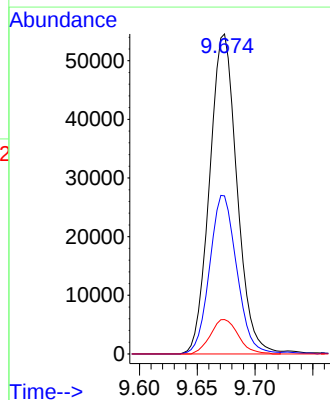
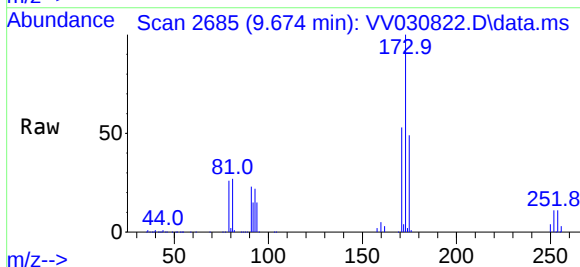
Instrument :
MSVOA_V
ClientSampleId :
VSTD050338

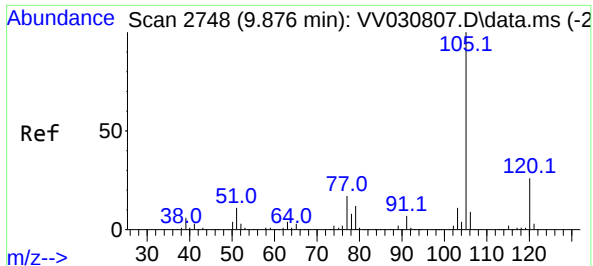
Tgt Ion: 83 Resp: 161278
Ion Ratio Lower Upper
83 100
85 64.5 45.1 83.7
131 11.2 8.0 12.0



#59
Bromoform
Concen: 44.916 ug/L
RT: 9.674 min Scan# 2685
Delta R.T. 0.003 min
Lab File: VV030822.D
Acq: 25 Apr 2023 03:30

Tgt Ion: 173 Resp: 89864
Ion Ratio Lower Upper
173 100
175 49.3 38.8 58.2
254 11.0 8.2 12.4

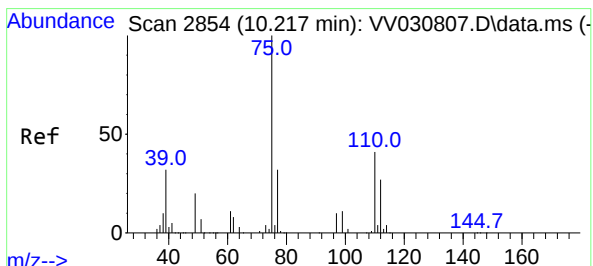
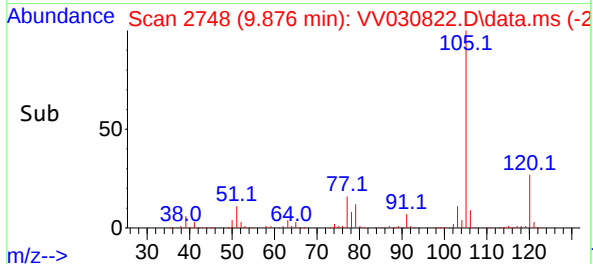
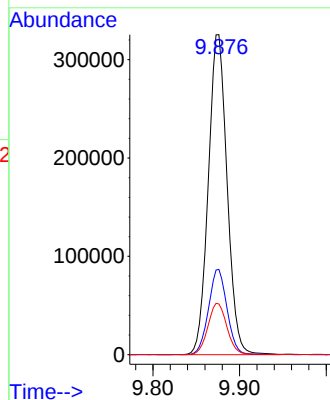
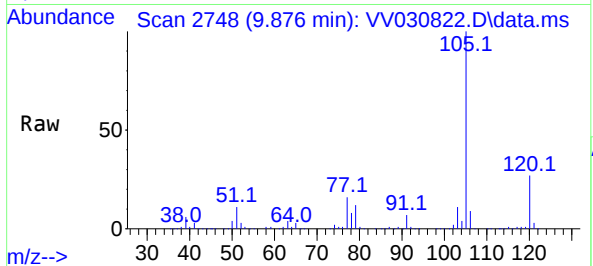




#60
Isopropylbenzene
Concen: 49.261 ug/L
RT: 9.876 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV030822.D
Acq: 25 Apr 2023 03:30

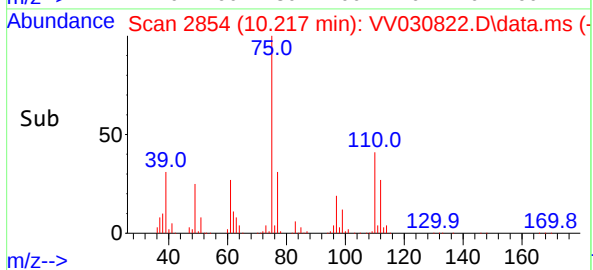
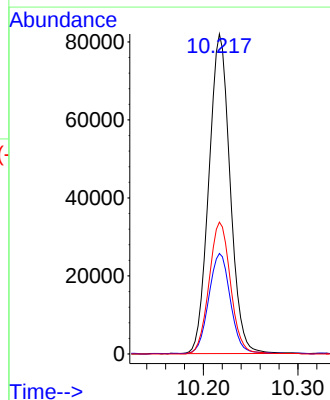
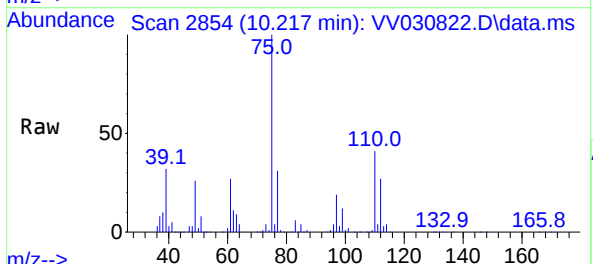
Instrument :
MSVOA_V
ClientSampleId :
VSTD050338

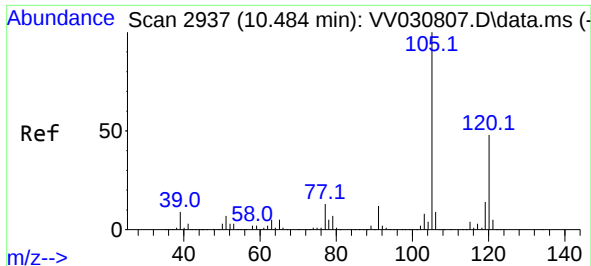
Tgt Ion:105 Resp: 490937
Ion Ratio Lower Upper
105 100
120 26.4 20.9 31.3
77 16.2 13.0 19.6



#61
1,2,3-Trichloropropane
Concen: 44.722 ug/L
RT: 10.217 min Scan# 2854
Delta R.T. -0.000 min
Lab File: VV030822.D
Acq: 25 Apr 2023 03:30

Tgt Ion: 75 Resp: 128001
Ion Ratio Lower Upper
75 100
77 31.7 25.7 38.5
110 41.7 32.8 49.2

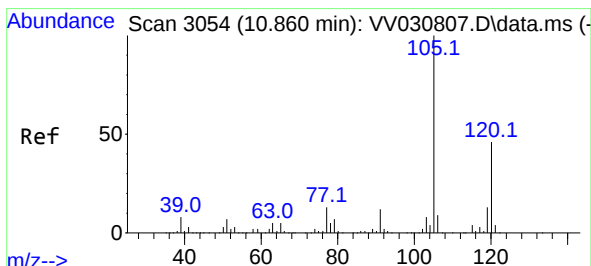
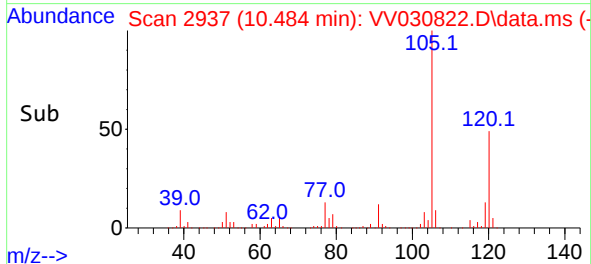
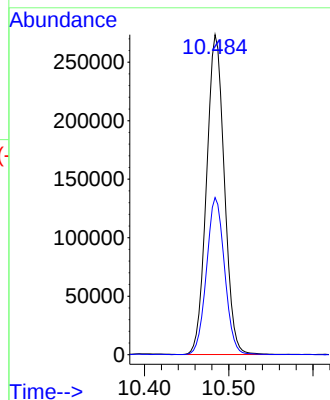
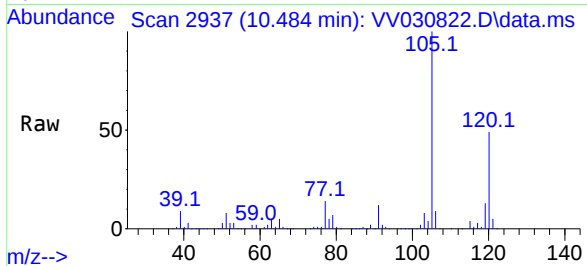




#62
1,3,5-Trimethylbenzene
Concen: 49.127 ug/L
RT: 10.484 min Scan# 2937
Delta R.T. -0.000 min
Lab File: VV030822.D
Acq: 25 Apr 2023 03:30

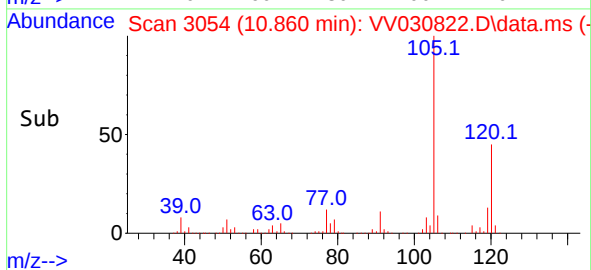
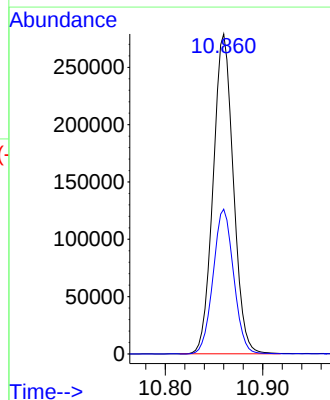
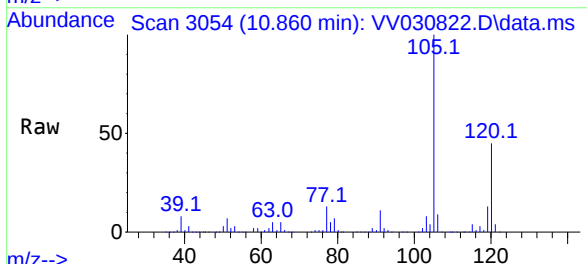
Instrument :
MSVOA_V
ClientSampleId :
VSTD050338

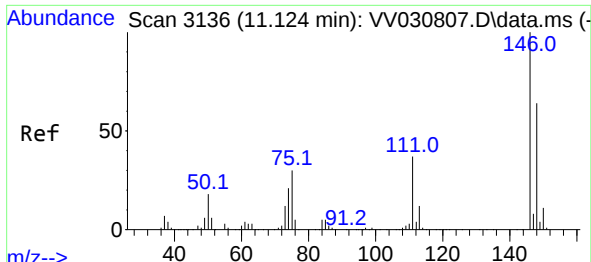
Tgt Ion:105 Resp: 403108
Ion Ratio Lower Upper
105 100
120 49.8 39.2 58.8



#63
1,2,4-Trimethylbenzene
Concen: 49.080 ug/L
RT: 10.860 min Scan# 3054
Delta R.T. -0.000 min
Lab File: VV030822.D
Acq: 25 Apr 2023 03:30

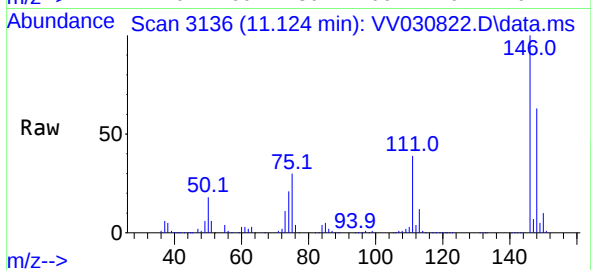
Tgt Ion:105 Resp: 402107
Ion Ratio Lower Upper
105 100
120 46.1 36.2 54.4



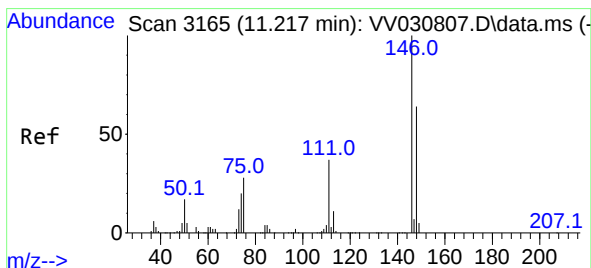
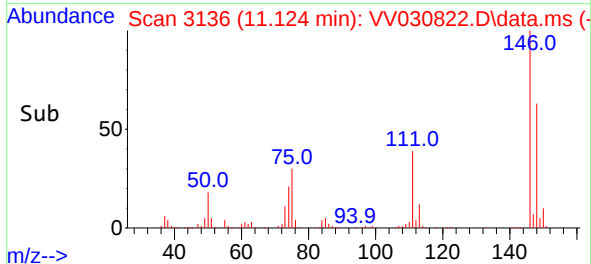
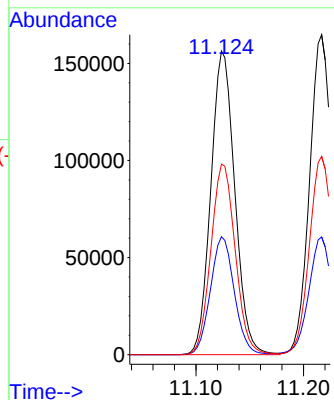


#64
1,3-Dichlorobenzene
Concen: 48.567 ug/L
RT: 11.124 min Scan# 3136
Delta R.T. -0.000 min
Lab File: VV030822.D
Acq: 25 Apr 2023 03:30

Instrument :
MSVOA_V
ClientSampleId :
VSTD050338

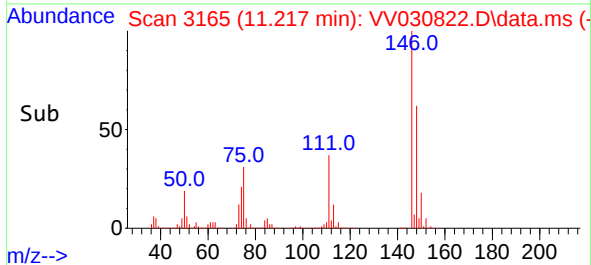
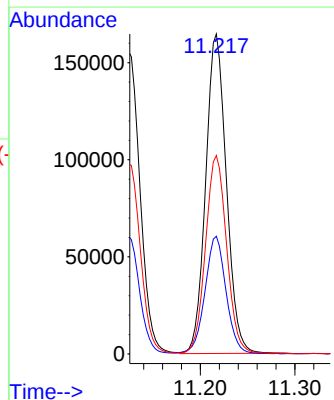
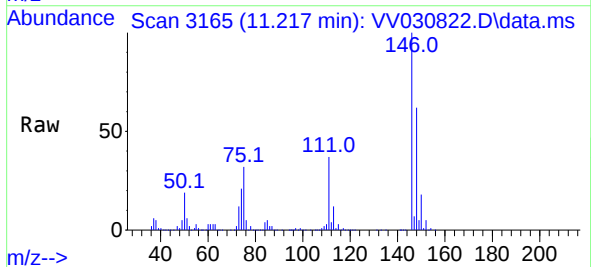


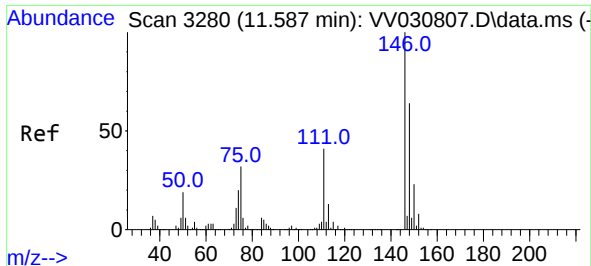
Tgt Ion:146 Resp: 242331
Ion Ratio Lower Upper
146 100
111 38.8 27.0 50.2
148 62.7 44.8 83.2



#65
1,4-Dichlorobenzene
Concen: 47.506 ug/L
RT: 11.217 min Scan# 3165
Delta R.T. -0.000 min
Lab File: VV030822.D
Acq: 25 Apr 2023 03:30

Tgt Ion:146 Resp: 249953
Ion Ratio Lower Upper
146 100
111 36.8 26.5 49.1
148 62.0 44.7 83.1

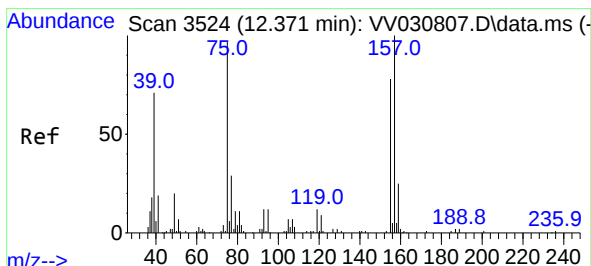
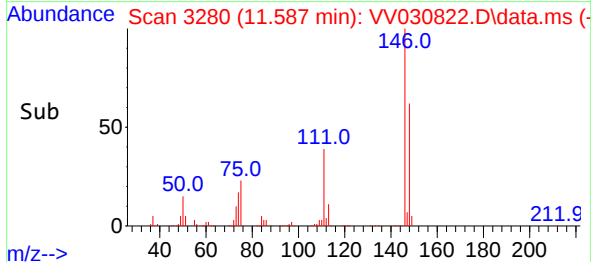
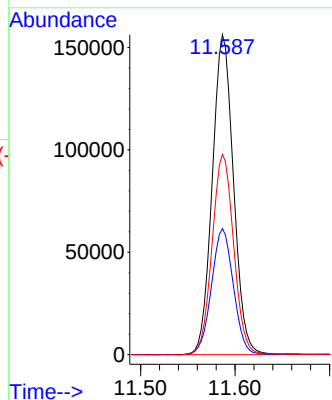
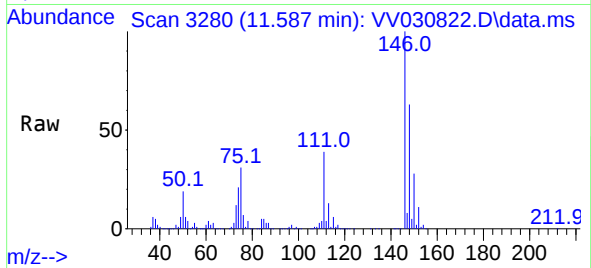




#67
1,2-Dichlorobenzene
Concen: 48.431 ug/L
RT: 11.587 min Scan# 311
Delta R.T. -0.000 min
Lab File: VV030822.D
Acq: 25 Apr 2023 03:30

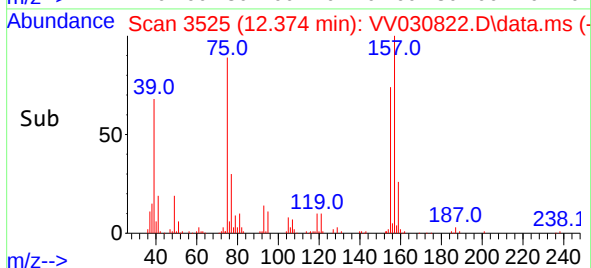
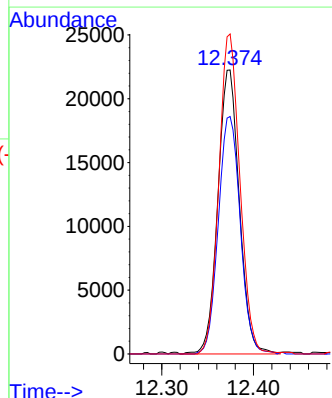
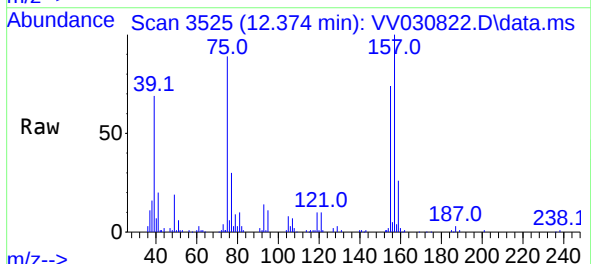
Instrument :
MSVOA_V
ClientSampleId :
VSTD050338

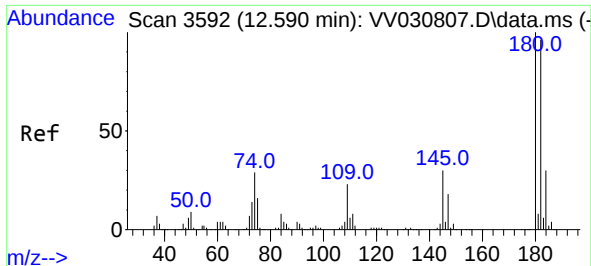
Tgt Ion:146 Resp: 243786
Ion Ratio Lower Upper
146 100
111 39.4 32.0 48.0
148 62.6 50.6 76.0



#68
1,2-Dibromo-3-chloropropane
Concen: 42.787 ug/L
RT: 12.374 min Scan# 3525
Delta R.T. 0.003 min
Lab File: VV030822.D
Acq: 25 Apr 2023 03:30

Tgt Ion: 75 Resp: 36282
Ion Ratio Lower Upper
75 100
155 83.6 65.0 97.6
157 112.6 84.4 126.6



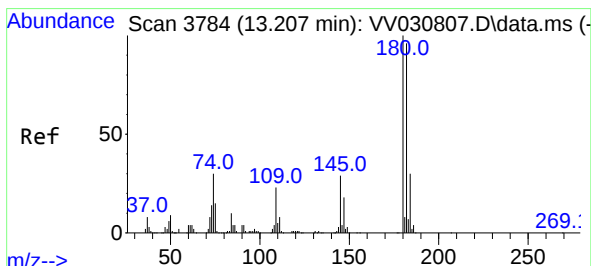
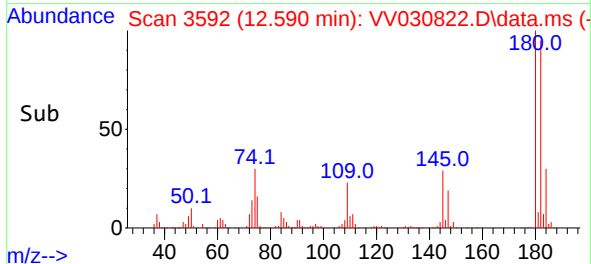
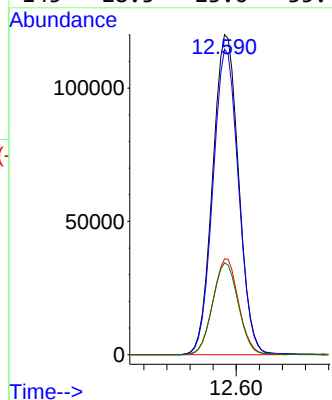
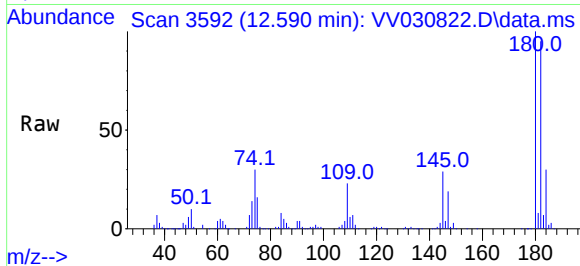


#69
1,3,5-Trichlorobenzene
Concen: 49.680 ug/L
RT: 12.590 min Scan# 3592
Delta R.T. -0.000 min
Lab File: VV030822.D
Acq: 25 Apr 2023 03:30

Instrument :
MSVOA_V
ClientSampleId :
VSTD050338

Tgt Ion:180 Resp: 187252

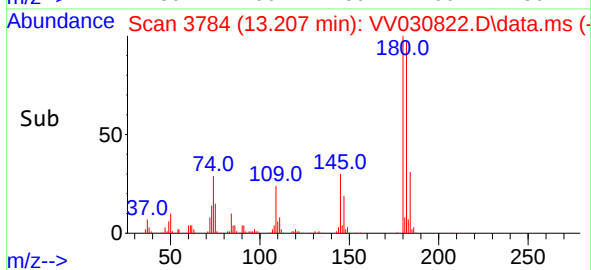
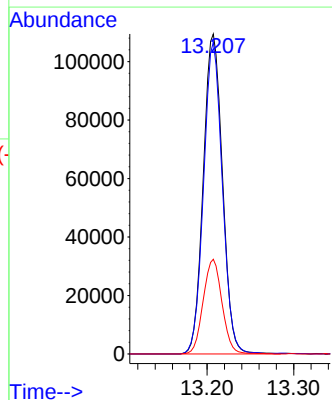
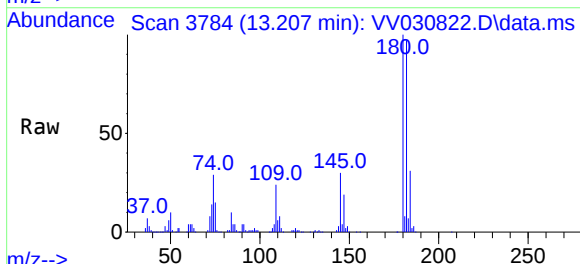
Ion	Ratio	Lower	Upper
180	100		
182	94.4	76.4	114.6
184	29.6	24.1	36.1
145	28.5	23.6	35.4

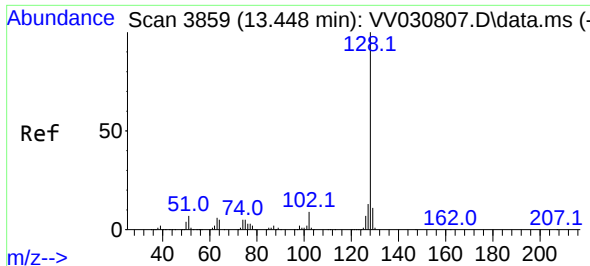


#70
1,2,4-trichlorobenzene
Concen: 52.547 ug/L
RT: 13.207 min Scan# 3784
Delta R.T. -0.000 min
Lab File: VV030822.D
Acq: 25 Apr 2023 03:30

Tgt Ion:180 Resp: 168163

Ion	Ratio	Lower	Upper
180	100		
182	95.3	75.9	113.9
145	29.1	23.4	35.2



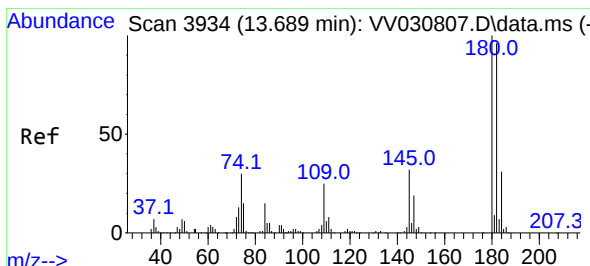
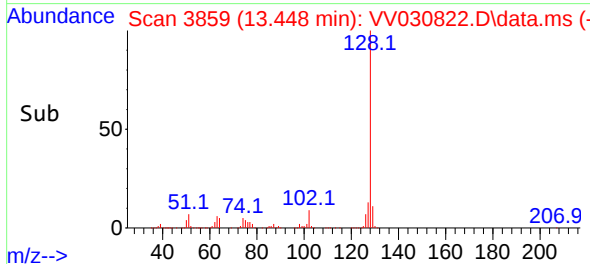
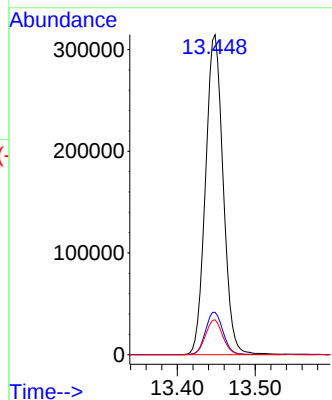
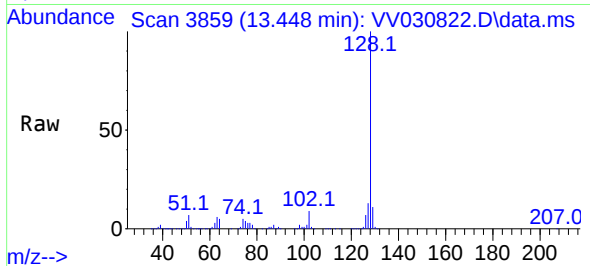


#71
Naphthalene
Concen: 56.587 ug/L
RT: 13.448 min Scan# 3859
Delta R.T. -0.000 min
Lab File: VV030822.D
Acq: 25 Apr 2023 03:30

Instrument :
MSVOA_V
ClientSampleId :
VSTD050338

Tgt Ion:128 Resp: 495375

Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.7	16.1
129	10.7	8.6	13.0



#72
1,2,3-Trichlorobenzene
Concen: 53.730 ug/L
RT: 13.689 min Scan# 3934
Delta R.T. -0.000 min
Lab File: VV030822.D
Acq: 25 Apr 2023 03:30

Tgt Ion:180 Resp: 170504

Ion	Ratio	Lower	Upper
180	100		
182	96.7	76.2	114.4
145	30.4	25.1	37.7

