

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW042423\
 Data File : VW030781.D
 Acq On : 24 Apr 2023 09:38
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050336

Quant Time: Apr 25 03:21:12 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	5.538	114	249091	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	243032	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	141580	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	69692	38.166	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	76.340%
7) Chloroethane-d5	1.535	69	65738	42.960	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	85.920%
11) 1,1-Dichloroethene-d2	2.063	65	35820	41.364	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	82.720%
21) 2-Butanone-d5	3.796	46	89169	88.906	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	88.910%
24) Chloroform-d	4.256	84	153794	46.475	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.940%
26) 1,2-Dichloroethane-d4	4.947	65	101144	47.540	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.080%
32) Benzene-d6	4.966	84	267432	46.543	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.080%
36) 1,2-Dichloropropane-d6	5.995	67	79976	44.808	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	89.620%
41) Toluene-d8	7.249	98	257524	47.735	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.460%
43) trans-1,3-Dichloroprop...	7.558	79	43236	48.062	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.120%
47) 2-Hexanone-d5	8.030	63	61747	87.818	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	87.820%
56) 1,1,2,2-Tetrachloroeth...	10.159	84	124270	47.983	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.960%
66) 1,2-Dichlorobenzene-d4	11.567	152	105908	47.063	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.120%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	96333	44.982	ug/L	100
3) Chloromethane	1.217	50	108557	38.642	ug/L	100
5) Vinyl chloride	1.288	62	98189	43.352	ug/L	99
6) Bromomethane	1.490	94	46407	51.672	ug/L	98
8) Chloroethane	1.552	64	66448	42.774	ug/L	99
9) Trichlorofluoromethane	1.715	101	180172	49.082	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.072	101	92660	48.031	ug/L	99
12) 1,1-Dichloroethene	2.076	96	80905	46.386	ug/L	89
13) Acetone	2.124	43	154070	99.273	ug/L	97
14) Carbon disulfide	2.246	76	207606	42.141	ug/L	99
15) Methyl Acetate	2.378	43	88988	42.966	ug/L	99
16) Methylene chloride	2.452	84	88499	44.339	ug/L	98
17) trans-1,2-Dichloroethene	2.699	96	79074	44.909	ug/L	96
18) Methyl tert-butyl Ether	2.709	73	268936	47.685	ug/L	98
19) 1,1-Dichloroethane	3.117	63	158671	44.199	ug/L	99
20) cis-1,2-Dichloroethene	3.821	96	88425	46.166	ug/L	94
22) 2-Butanone	3.876	43	143462	89.449	ug/L	99
23) Bromochloromethane	4.153	128	50264	46.986	ug/L	98
25) Chloroform	4.281	83	178027	47.912	ug/L	98

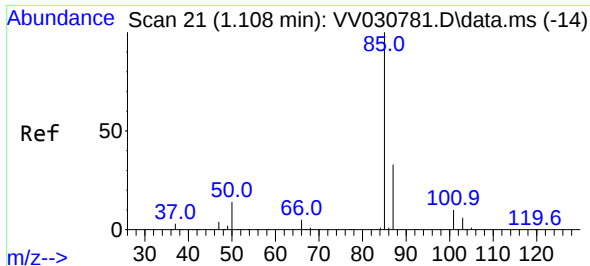
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 Quant Title : VOC Analysis
 QLast Update : Sat Apr 22 00:43:23 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.047	62	150823	47.951	ug/L	99
29) Cyclohexane	4.590	56	131127	44.960	ug/L	99
30) 1,1,1-Trichloroethane	4.519	97	165029	48.325	ug/L	99
31) Carbon tetrachloride	4.741	117	149462	48.952	ug/L	99
33) Benzene	5.018	78	348276	47.191	ug/L	100
34) Trichloroethene	5.838	95	89451	46.598	ug/L	99
35) Methylcyclohexane	6.056	83	145346	48.321	ug/L	98
37) 1,2-Dichloropropane	6.098	63	90106	45.362	ug/L	97
38) Bromodichloromethane	6.436	83	131357	47.075	ug/L	96
39) cis-1,3-Dichloropropene	6.960	75	139371	46.748	ug/L	98
40) 4-Methyl-2-pentanone	7.162	43	251951	90.800	ug/L	98
42) Toluene	7.320	91	391286	49.500	ug/L	97
44) trans-1,3-Dichloropropene	7.583	75	143794	49.092	ug/L	98
45) 1,1,2-Trichloroethane	7.773	97	94138	47.262	ug/L	97
46) Tetrachloroethene	7.911	164	82122	48.874	ug/L	97
48) 2-Hexanone	8.082	43	214621	93.741	ug/L	98
49) Dibromochloromethane	8.181	129	107310	48.842	ug/L	98
50) 1,2-Dibromoethane	8.288	107	96673	46.841	ug/L	99
51) Chlorobenzene	8.818	112	250902	47.925	ug/L	99
52) Ethylbenzene	8.953	91	428749	48.994	ug/L	99
53) m,p-Xylene	9.079	106	168490	50.972	ug/L	97
54) o-Xylene	9.484	106	161830	50.044	ug/L	99
55) Styrene	9.500	104	290516	51.144	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.185	83	150291	45.957	ug/L	98
59) Bromoform	9.670	173	87861	49.567	ug/L	99
60) Isopropylbenzene	9.873	105	440326	49.869	ug/L	99
61) 1,2,3-Trichloropropane	10.217	75	115655	45.609	ug/L	99
62) 1,3,5-Trimethylbenzene	10.484	105	362383	49.847	ug/L	99
63) 1,2,4-Trimethylbenzene	10.860	105	359779	49.566	ug/L	99
64) 1,3-Dichlorobenzene	11.123	146	215906	48.840	ug/L	99
65) 1,4-Dichlorobenzene	11.217	146	225325	48.337	ug/L	99
67) 1,2-Dichlorobenzene	11.586	146	217817	48.841	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.374	75	31989	42.579	ug/L	91
69) 1,3,5-Trichlorobenzene	12.590	180	163541	48.973	ug/L	100
70) 1,2,4-trichlorobenzene	13.207	180	134422	47.410	ug/L	98
71) Naphthalene	13.448	128	337711	43.541	ug/L	100
72) 1,2,3-Trichlorobenzene	13.689	180	138039	49.098	ug/L	99

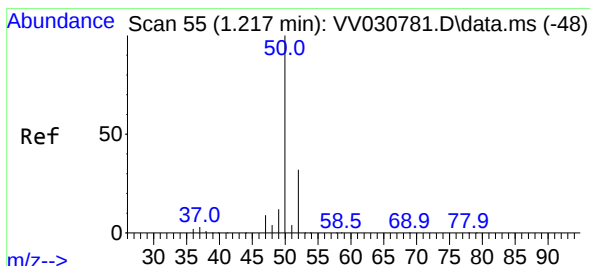
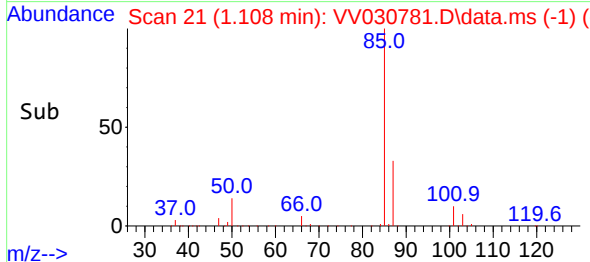
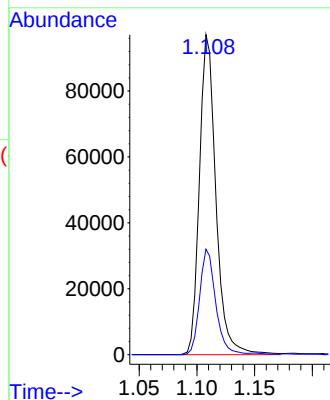
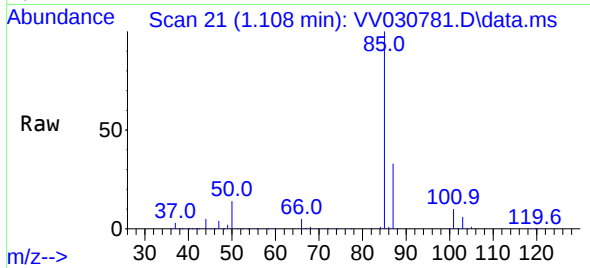
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#2
 Dichlorodifluoromethane
 Concen: 44.982 ug/L
 RT: 1.108 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VV030781.D
 Acq: 24 Apr 2023 09:38

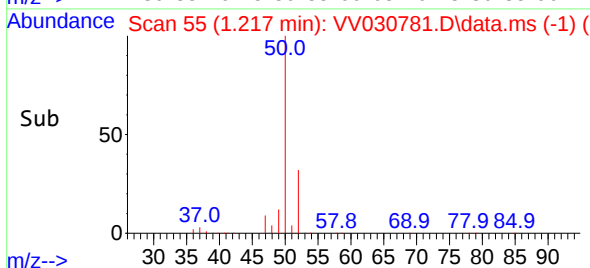
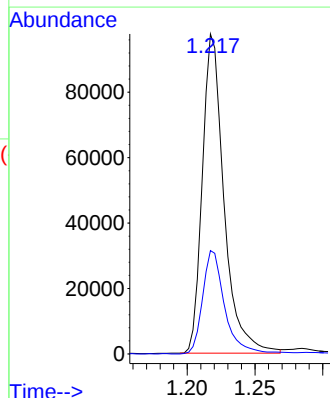
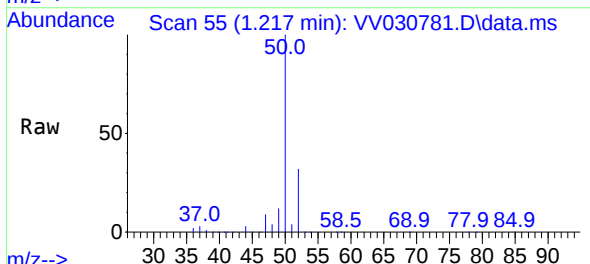
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050336

Tgt Ion: 85 Resp: 96333
 Ion Ratio Lower Upper
 85 100
 87 31.9 25.6 38.4

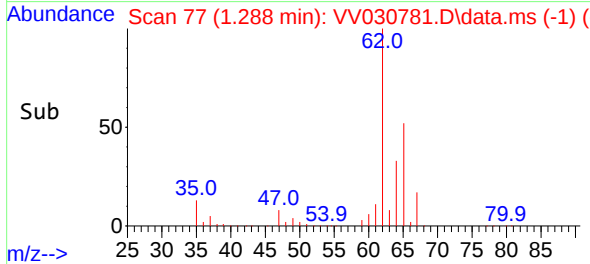
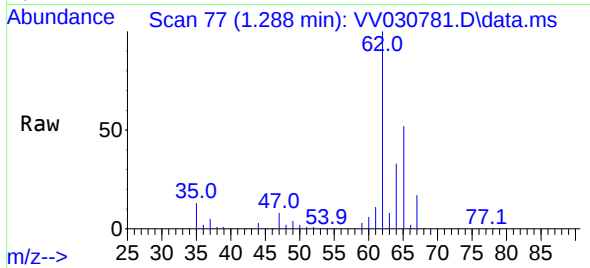
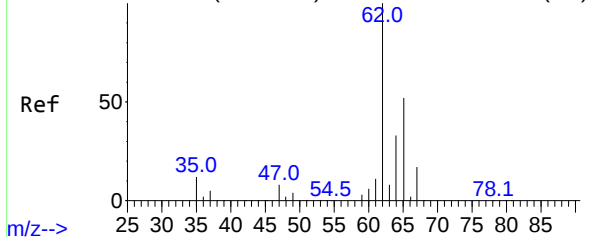


#3
 Chloromethane
 Concen: 38.642 ug/L
 RT: 1.217 min Scan# 55
 Delta R.T. -0.000 min
 Lab File: VV030781.D
 Acq: 24 Apr 2023 09:38

Tgt Ion: 50 Resp: 108557
 Ion Ratio Lower Upper
 50 100
 52 32.3 22.5 41.9



Abundance Scan 77 (1.288 min): VV030781.D\data.ms (-68)



#5

Vinyl chloride

Concen: 43.352 ug/L

RT: 1.288 min Scan# 71

Delta R.T. -0.000 min

Lab File: VV030781.D

Acq: 24 Apr 2023 09:38

Instrument :

MSVOA_V

ClientSampleId :

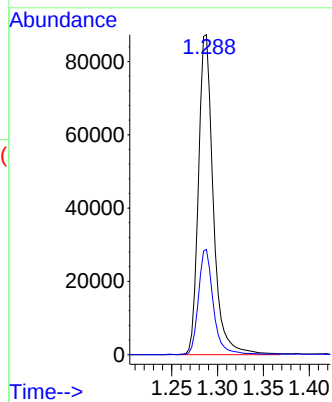
VSTD050336

Tgt Ion: 62 Resp: 98189

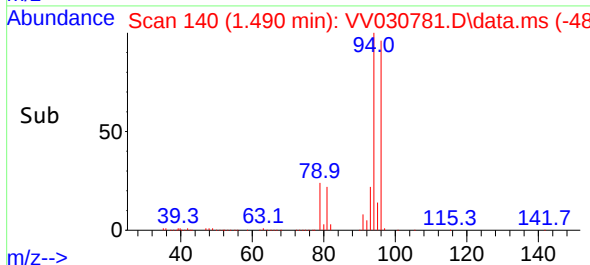
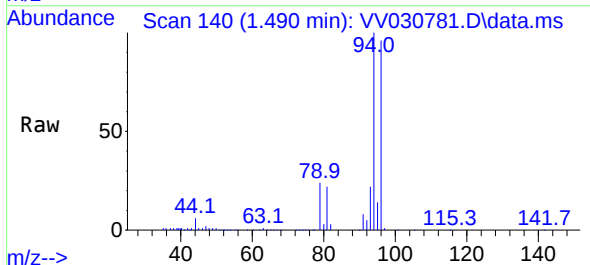
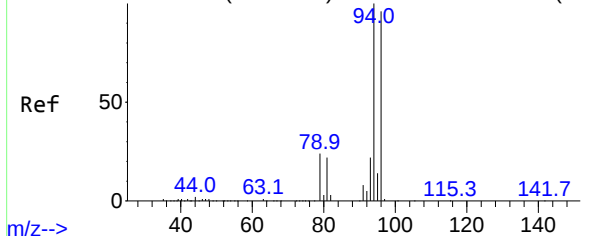
Ion Ratio Lower Upper

62 100

64 32.9 23.4 43.4



Abundance Scan 140 (1.490 min): VV030781.D\data.ms (-13)



#6

Bromomethane

Concen: 51.672 ug/L

RT: 1.490 min Scan# 140

Delta R.T. -0.003 min

Lab File: VV030781.D

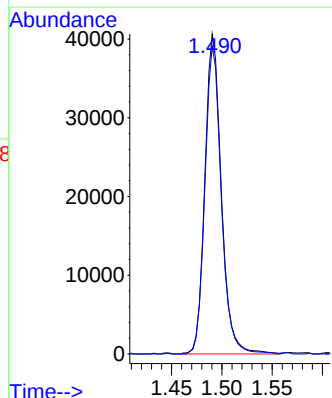
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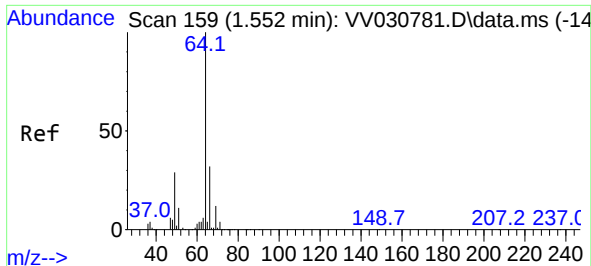
Tgt Ion: 94 Resp: 46407

Ion Ratio Lower Upper

94 100

96 96.2 66.3 123.1

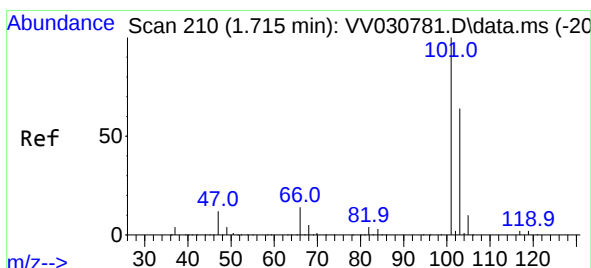
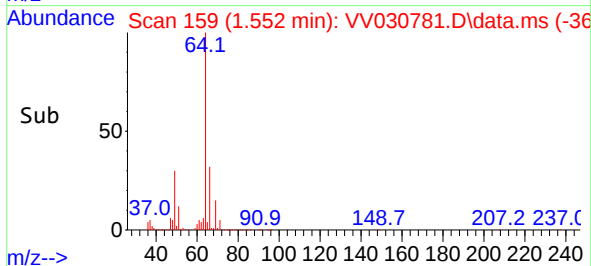
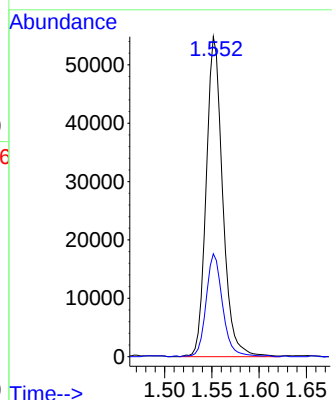
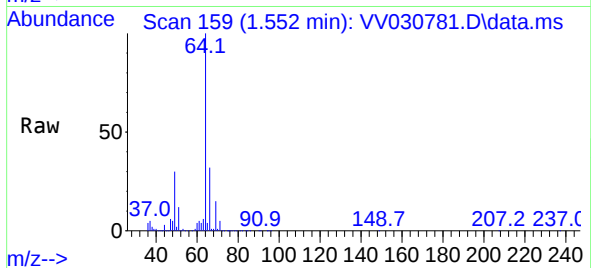




#8
Chloroethane
Concen: 42.774 ug/L
RT: 1.552 min Scan# 11
Delta R.T. -0.003 min
Lab File: VV030781.D
Acq: 24 Apr 2023 09:38

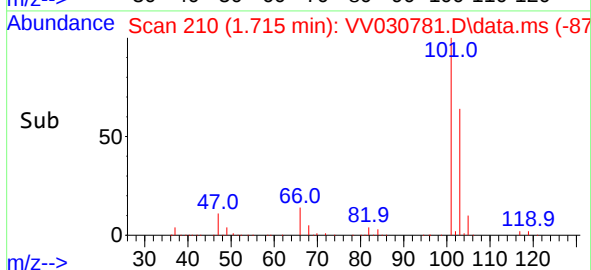
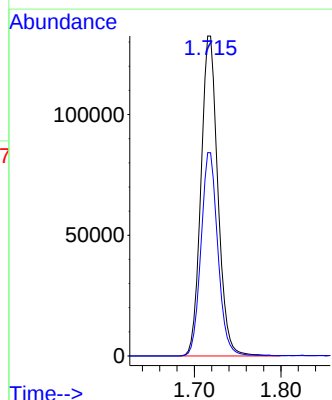
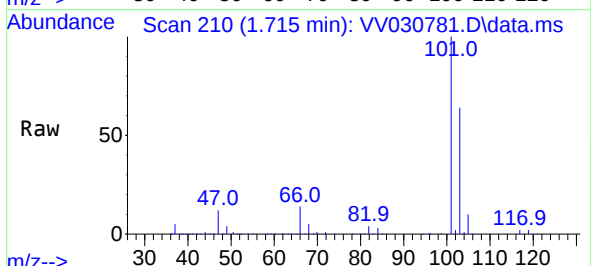
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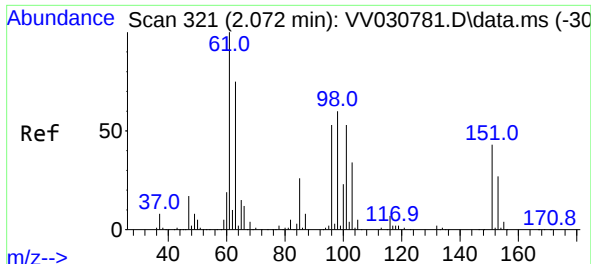
Tgt Ion: 64 Resp: 66448
Ion Ratio Lower Upper
64 100
66 32.1 22.7 42.3



#9
Trichlorofluoromethane
Concen: 49.082 ug/L
RT: 1.715 min Scan# 210
Delta R.T. -0.003 min
Lab File: VV030781.D
Acq: 24 Apr 2023 09:38

Tgt Ion:101 Resp: 180172
Ion Ratio Lower Upper
101 100
103 63.3 51.4 77.0

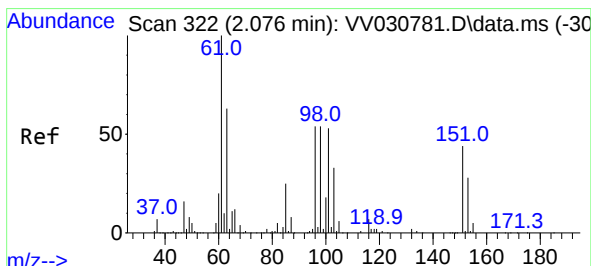
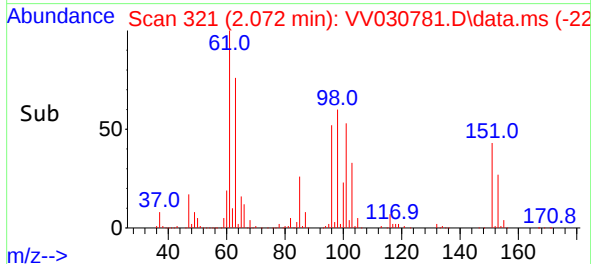
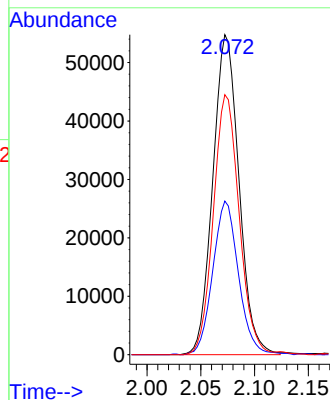
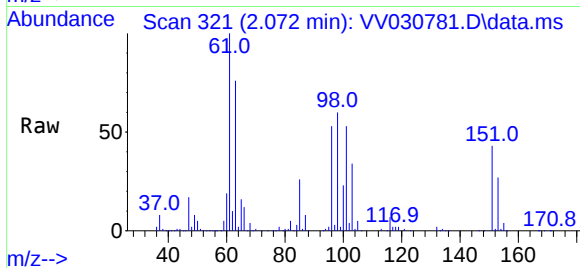




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 48.031 ug/L
RT: 2.072 min Scan# 31
Delta R.T. -0.003 min
Lab File: VV030781.D
Acq: 24 Apr 2023 09:38

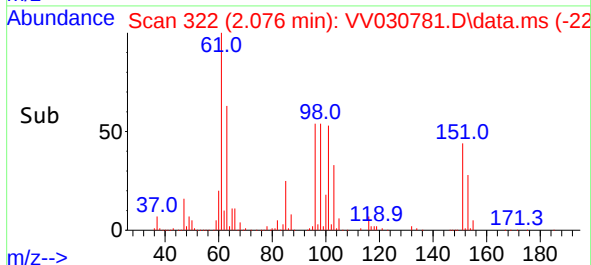
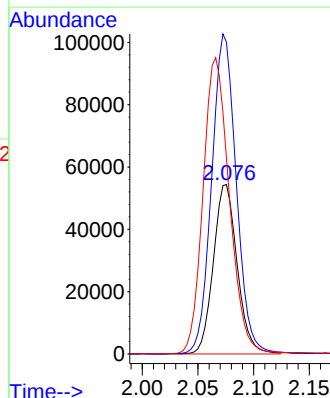
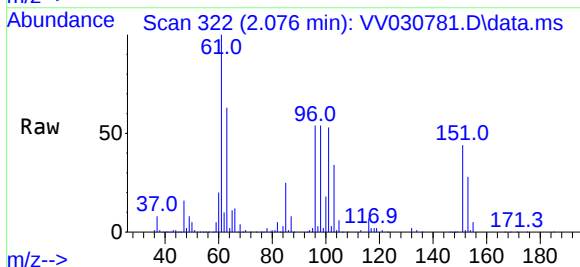
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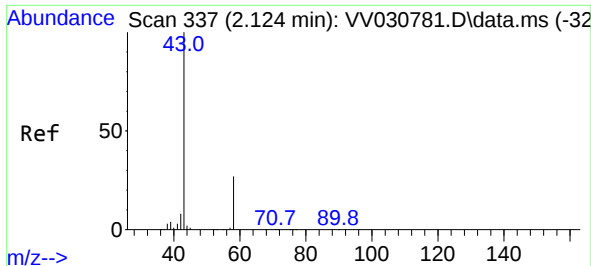
Tgt Ion:101 Resp: 92660
Ion Ratio Lower Upper
101 100
85 47.2 37.5 56.3
151 80.1 63.5 95.3



#12
1,1-Dichloroethene
Concen: 46.386 ug/L
RT: 2.076 min Scan# 322
Delta R.T. -0.000 min
Lab File: VV030781.D
Acq: 24 Apr 2023 09:38

Tgt Ion: 96 Resp: 80905
Ion Ratio Lower Upper
96 100
61 184.1 131.9 245.0
63 115.7 99.8 185.3





#13

Acetone

Concen: 99.273 ug/L

RT: 2.124 min Scan# 337

Delta R.T. -0.007 min

Lab File: VV030781.D

Acq: 24 Apr 2023 09:38

Instrument :

MSVOA_V

ClientSampleId :

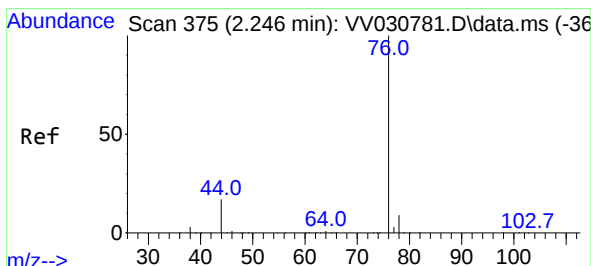
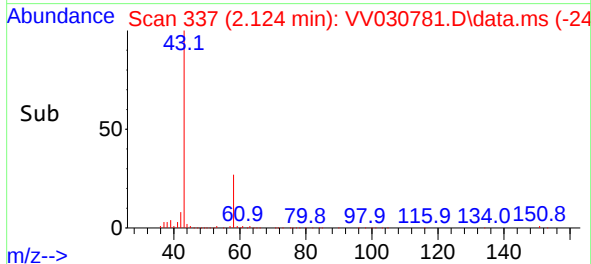
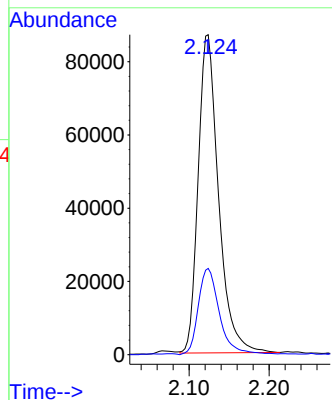
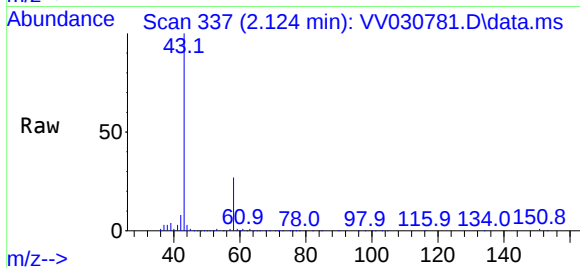
VSTD050336

Tgt Ion: 43 Resp: 154070

Ion Ratio Lower Upper

43 100

58 28.2 0.0 52.8



#14

Carbon disulfide

Concen: 42.141 ug/L

RT: 2.246 min Scan# 375

Delta R.T. -0.000 min

Lab File: VV030781.D

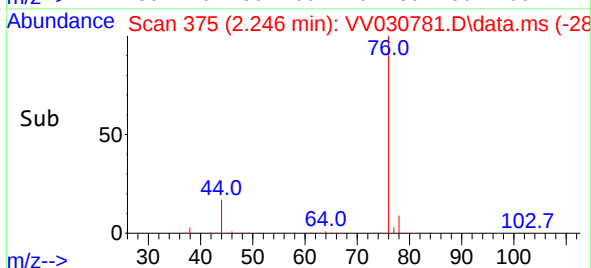
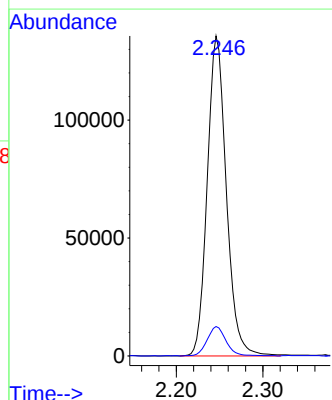
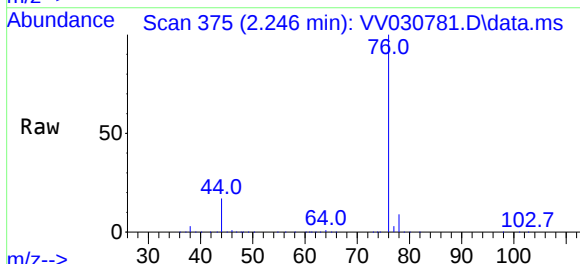
Acq: 24 Apr 2023 09:38

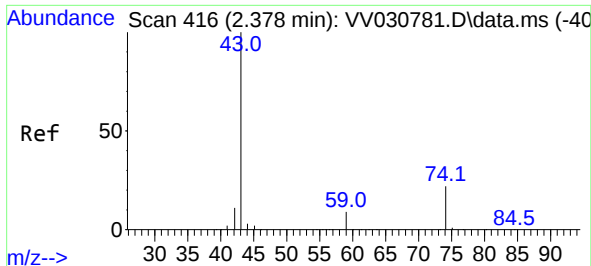
Tgt Ion: 76 Resp: 207606

Ion Ratio Lower Upper

76 100

78 9.2 7.0 10.4

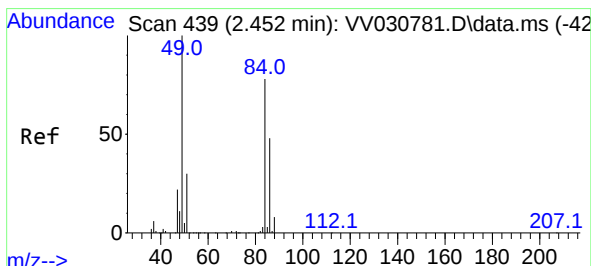
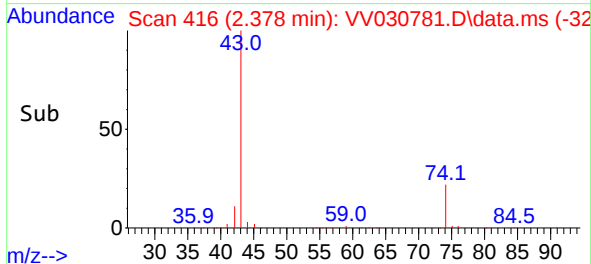
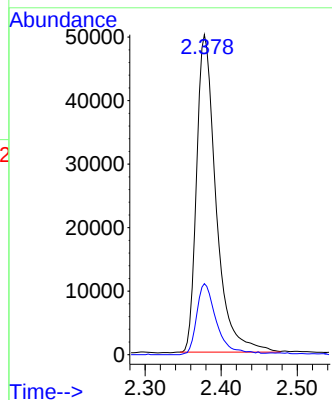
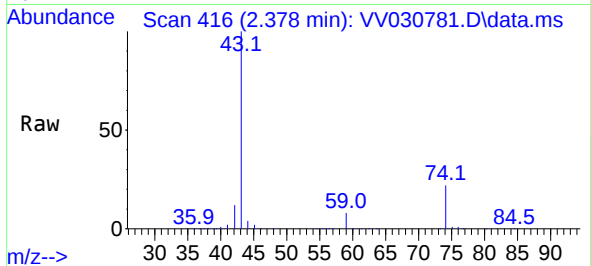




#15
Methyl Acetate
Concen: 42.966 ug/L
RT: 2.378 min Scan# 416
Delta R.T. -0.003 min
Lab File: VV030781.D
Acq: 24 Apr 2023 09:38

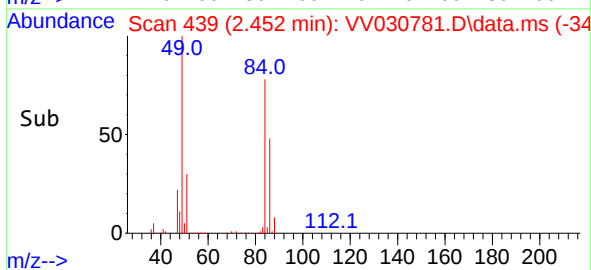
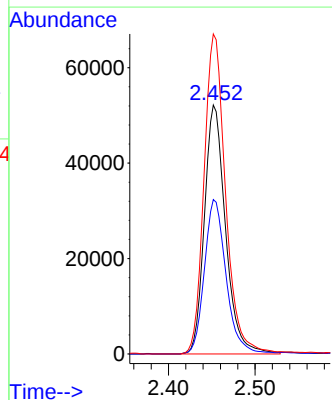
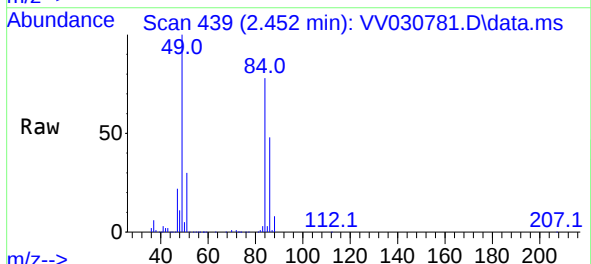
Instrument :
MSVOA_V
ClientSampleId :
VSTD050336

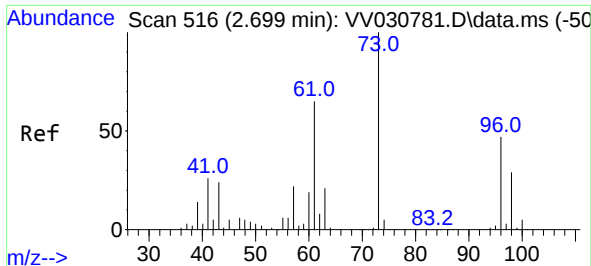
Tgt Ion: 43 Resp: 88988
Ion Ratio Lower Upper
43 100
74 22.3 17.7 26.5



#16
Methylene chloride
Concen: 44.339 ug/L
RT: 2.452 min Scan# 439
Delta R.T. -0.003 min
Lab File: VV030781.D
Acq: 24 Apr 2023 09:38

Tgt Ion: 84 Resp: 88499
Ion Ratio Lower Upper
84 100
86 62.1 45.4 84.2
49 128.6 90.4 168.0

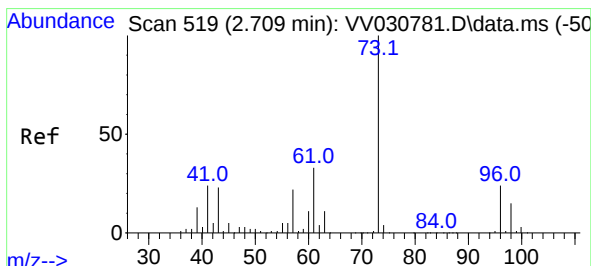
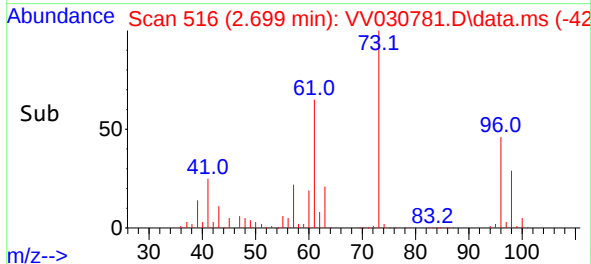
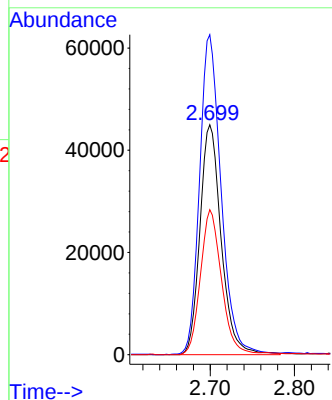
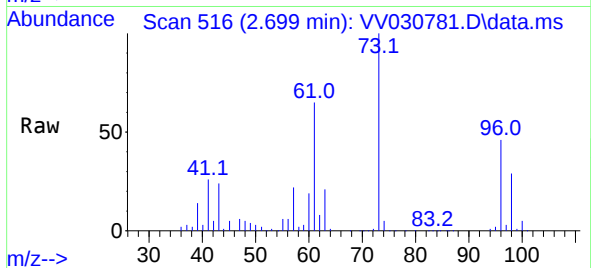




#17
trans-1,2-Dichloroethene
Concen: 44.909 ug/L
RT: 2.699 min Scan# 516
Delta R.T. -0.000 min
Lab File: VV030781.D
Acq: 24 Apr 2023 09:38

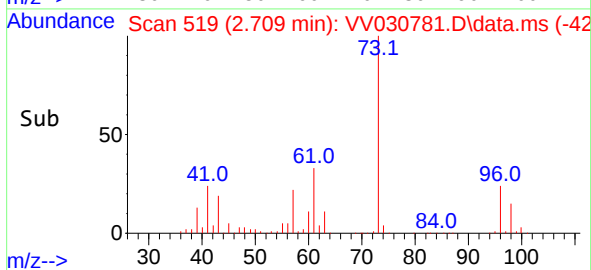
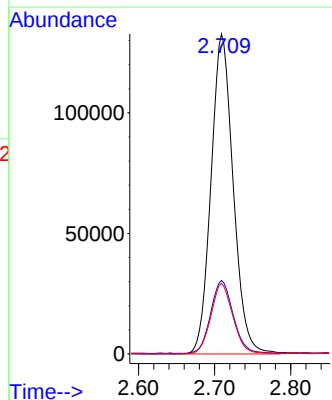
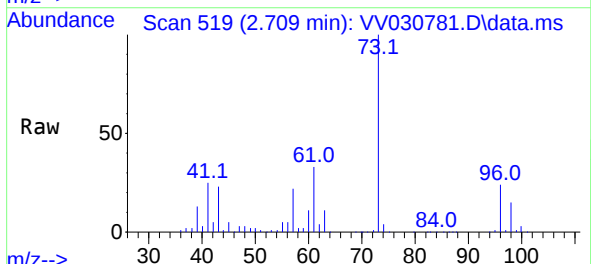
Instrument :
MSVOA_V
ClientSampleId :
VSTD050336

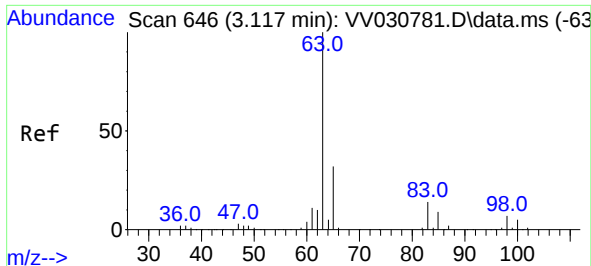
Tgt Ion: 96 Resp: 79074
Ion Ratio Lower Upper
96 100
61 139.2 101.0 187.6
98 63.0 45.4 84.2



#18
Methyl tert-butyl Ether
Concen: 47.685 ug/L
RT: 2.709 min Scan# 519
Delta R.T. -0.003 min
Lab File: VV030781.D
Acq: 24 Apr 2023 09:38

Tgt Ion: 73 Resp: 268936
Ion Ratio Lower Upper
73 100
43 23.1 17.6 26.4
57 21.7 18.2 27.2



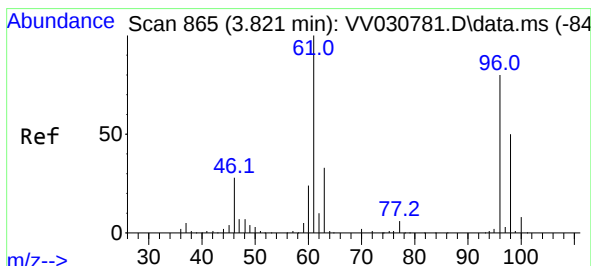
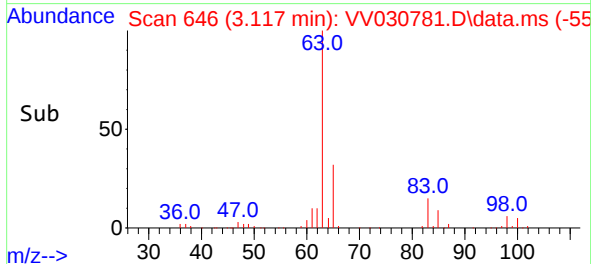
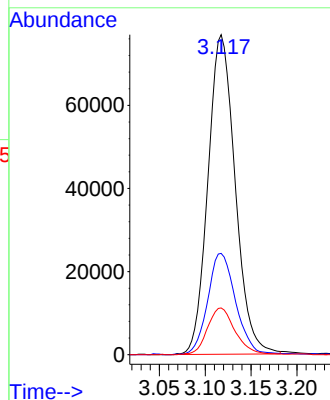
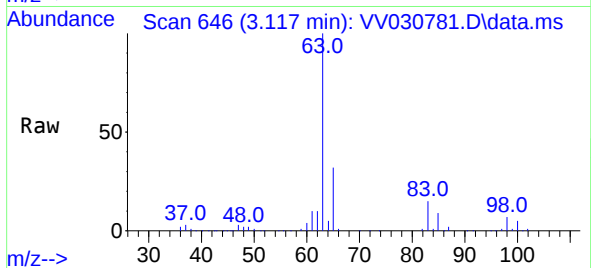


#19
1,1-Dichloroethane
Concen: 44.199 ug/L
RT: 3.117 min Scan# 646
Delta R.T. -0.003 min
Lab File: VV030781.D
Acq: 24 Apr 2023 09:38

Instrument :
MSVOA_V
ClientSampleId :
VSTD050336

Tgt Ion: 63 Resp: 158671

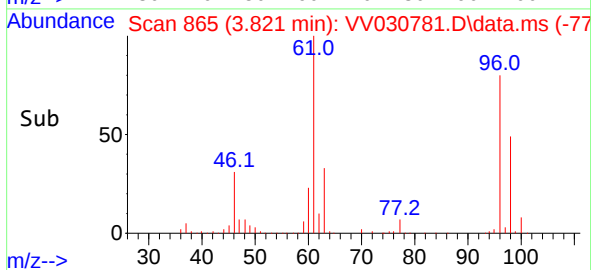
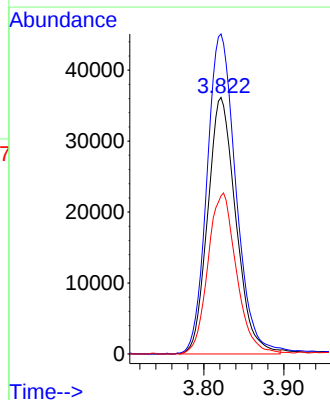
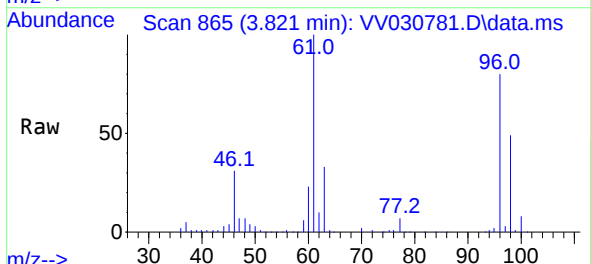
Ion	Ratio	Lower	Upper
63	100		
65	31.7	21.8	40.6
83	14.6	10.2	19.0

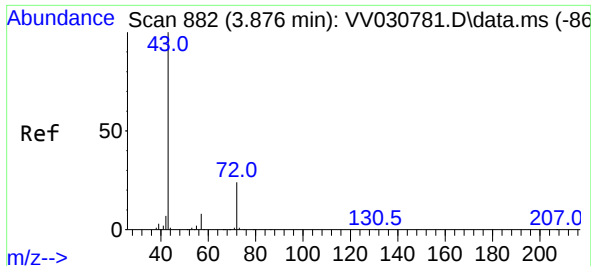


#20
cis-1,2-Dichloroethene
Concen: 46.166 ug/L
RT: 3.821 min Scan# 865
Delta R.T. -0.003 min
Lab File: VV030781.D
Acq: 24 Apr 2023 09:38

Tgt Ion: 96 Resp: 88425

Ion	Ratio	Lower	Upper
96	100		
61	124.7	92.3	171.3
98	61.6	45.9	85.3

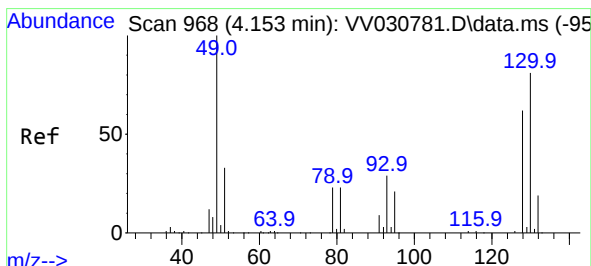
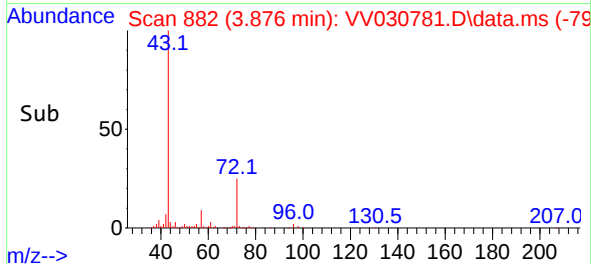
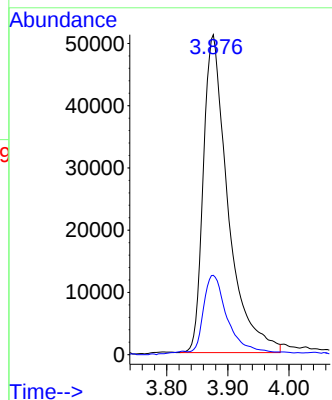
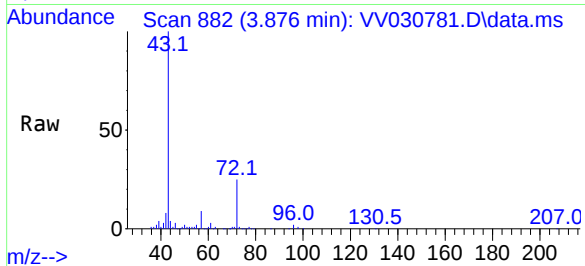




#22
2-Butanone
Concen: 89.449 ug/L
RT: 3.876 min Scan# 882
Delta R.T. -0.007 min
Lab File: VV030781.D
Acq: 24 Apr 2023 09:38

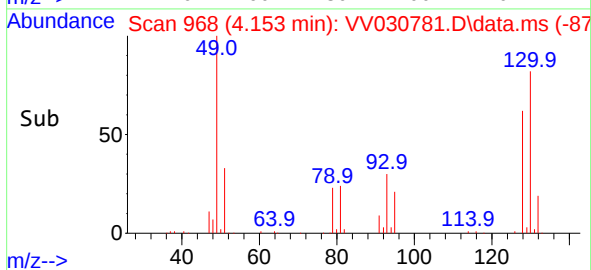
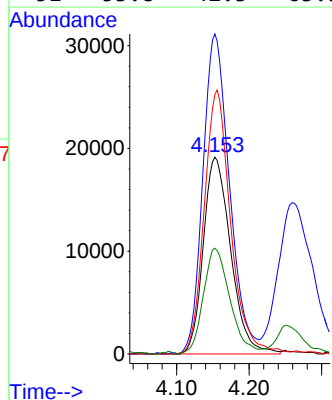
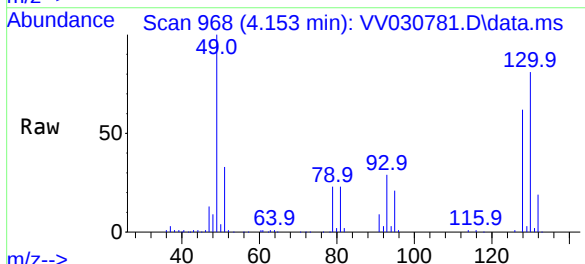
Instrument :
MSVOA_V
ClientSampleId :
VSTD050336

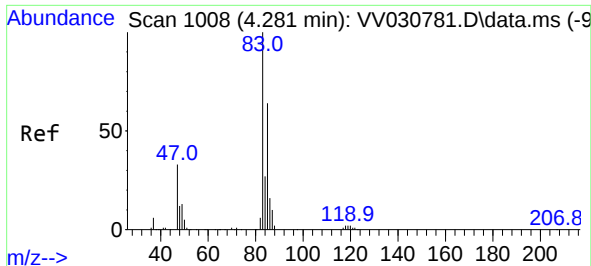
Tgt Ion: 43 Resp: 143462
Ion Ratio Lower Upper
43 100
72 23.2 11.5 34.4



#23
Bromochloromethane
Concen: 46.986 ug/L
RT: 4.153 min Scan# 968
Delta R.T. -0.007 min
Lab File: VV030781.D
Acq: 24 Apr 2023 09:38

Tgt Ion: 128 Resp: 50264
Ion Ratio Lower Upper
128 100
49 162.6 114.7 213.1
130 131.9 89.0 165.2
51 53.8 42.3 63.5

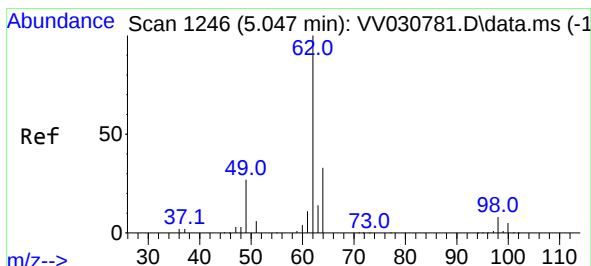
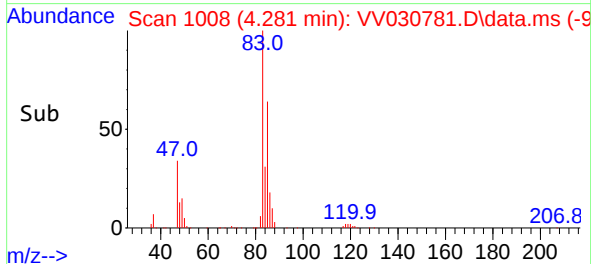
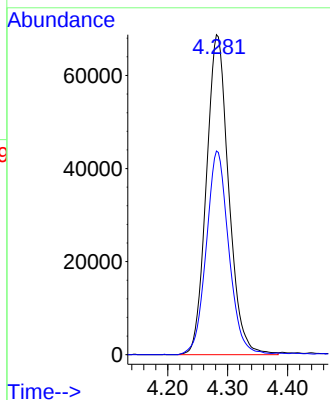
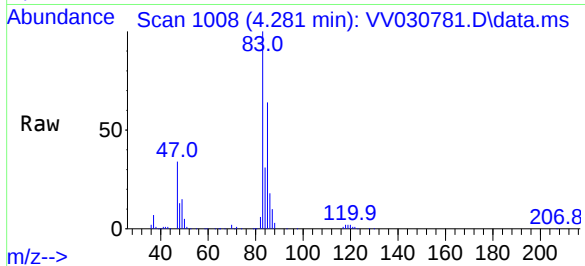




#25
Chloroform
Concen: 47.912 ug/L
RT: 4.281 min Scan# 1008
Delta R.T. -0.003 min
Lab File: VV030781.D
Acq: 24 Apr 2023 09:38

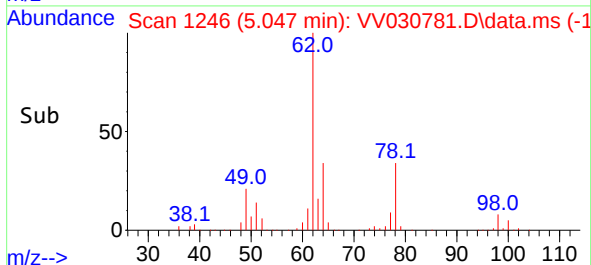
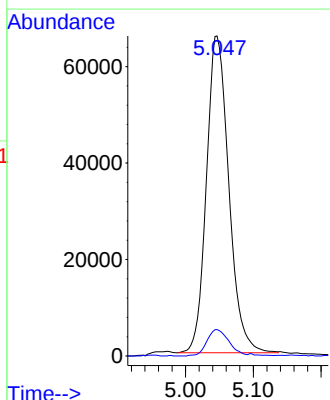
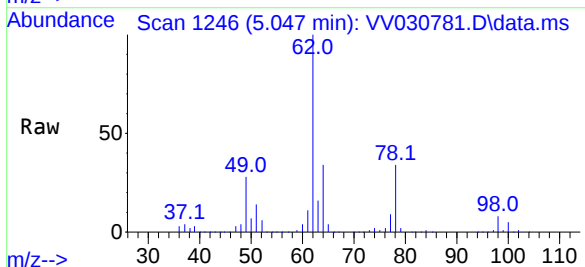
Instrument :
MSVOA_V
ClientSampleId :
VSTD050336

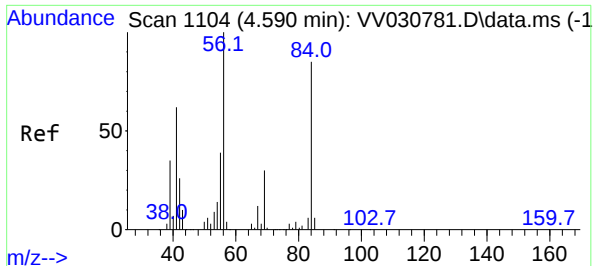
Tgt Ion: 83 Resp: 178027
Ion Ratio Lower Upper
83 100
85 63.7 45.8 85.2



#27
1,2-Dichloroethane
Concen: 47.951 ug/L
RT: 5.047 min Scan# 1246
Delta R.T. -0.003 min
Lab File: VV030781.D
Acq: 24 Apr 2023 09:38

Tgt Ion: 62 Resp: 150823
Ion Ratio Lower Upper
62 100
98 8.2 6.4 9.6





#29

Cyclohexane

Concen: 44.960 ug/L

RT: 4.590 min Scan# 1104

Delta R.T. -0.003 min

Lab File: VV030781.D

Acq: 24 Apr 2023 09:38

Instrument :

MSVOA_V

ClientSampleId :

VSTD050336

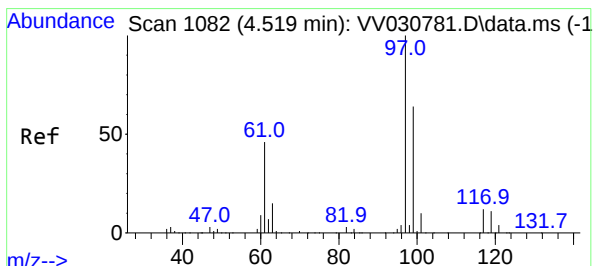
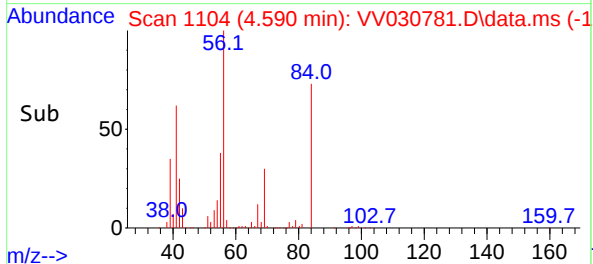
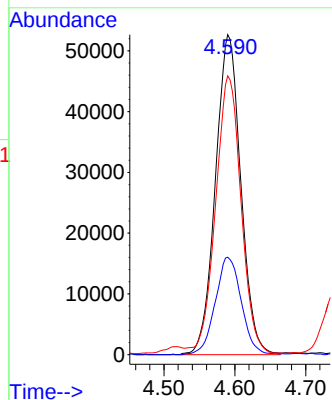
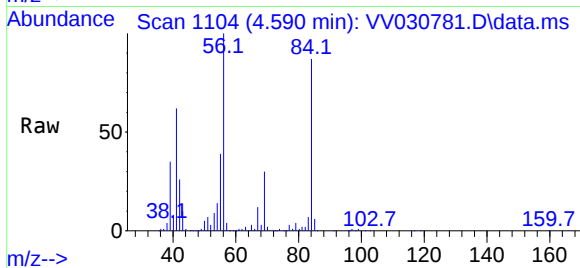
Tgt Ion: 56 Resp: 131127

Ion Ratio Lower Upper

56 100

69 31.2 24.0 36.0

84 86.0 68.2 102.2



#30

1,1,1-Trichloroethane

Concen: 48.325 ug/L

RT: 4.519 min Scan# 1082

Delta R.T. -0.003 min

Lab File: VV030781.D

Acq: 24 Apr 2023 09:38

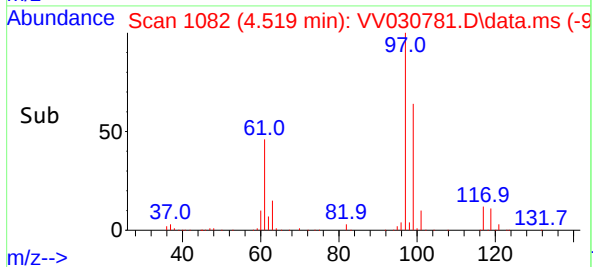
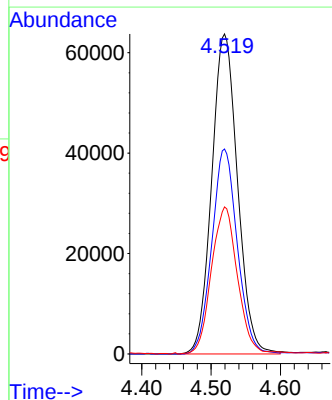
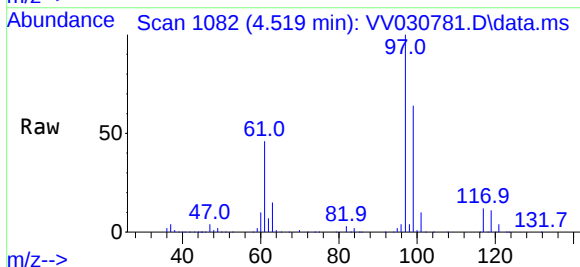
Tgt Ion: 97 Resp: 165029

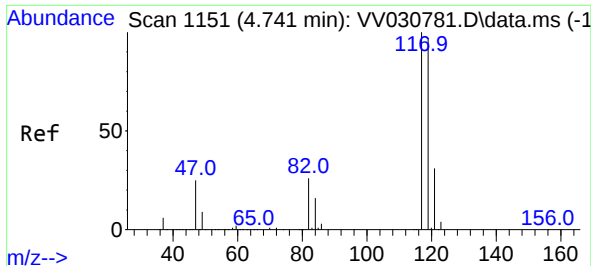
Ion Ratio Lower Upper

97 100

99 63.3 51.4 77.0

61 46.1 37.0 55.6

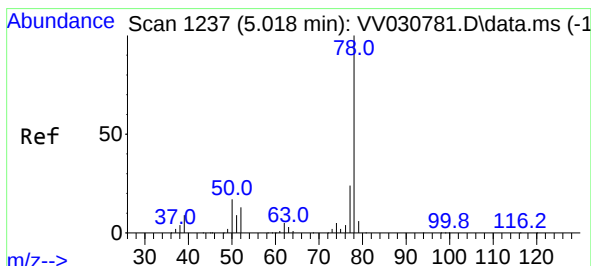
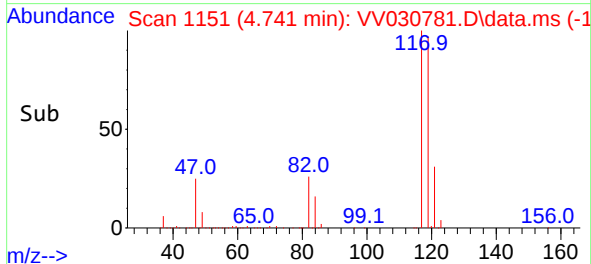
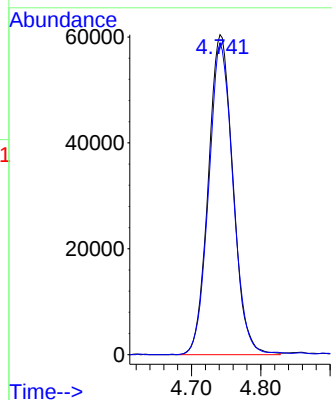
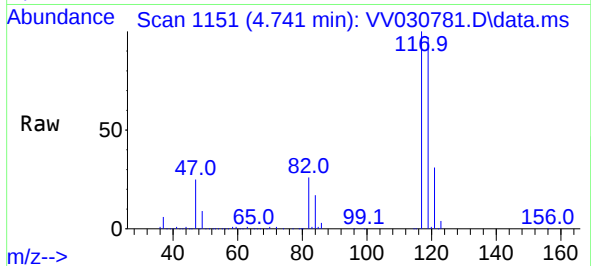




#31
Carbon tetrachloride
Concen: 48.952 ug/L
RT: 4.741 min Scan# 1151
Delta R.T. -0.003 min
Lab File: VV030781.D
Acq: 24 Apr 2023 09:38

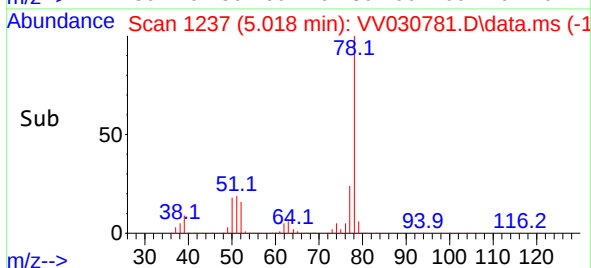
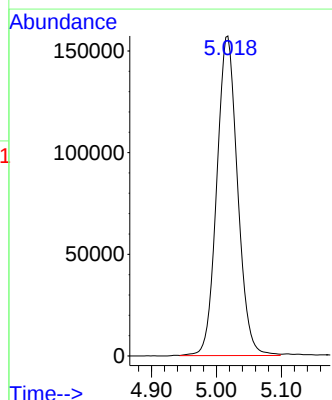
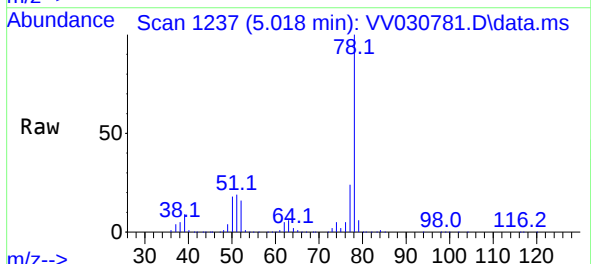
Instrument : MSVOA_V
ClientSampleId : VSTD050336

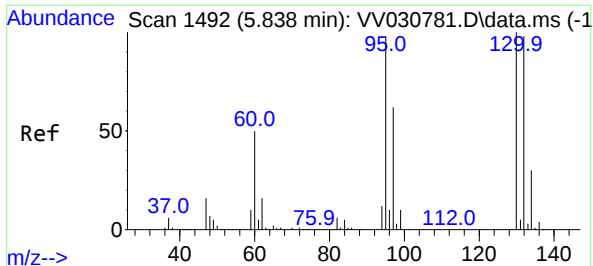
Tgt Ion:117 Resp: 149462
Ion Ratio Lower Upper
117 100
119 96.0 75.9 113.9



#33
Benzene
Concen: 47.191 ug/L
RT: 5.018 min Scan# 1237
Delta R.T. -0.000 min
Lab File: VV030781.D
Acq: 24 Apr 2023 09:38

Tgt Ion: 78 Resp: 348276



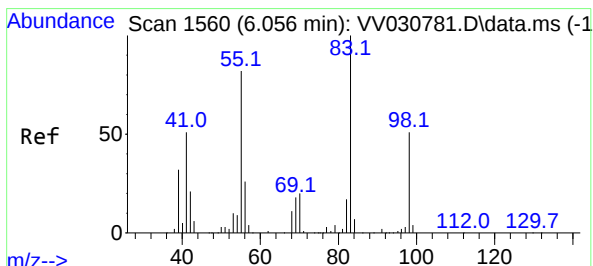
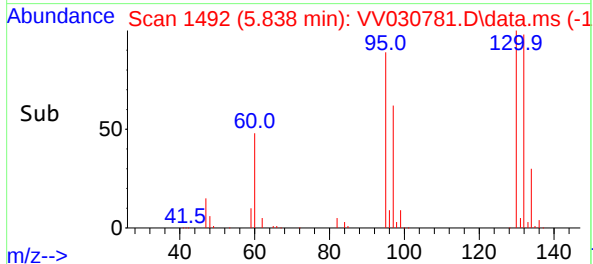
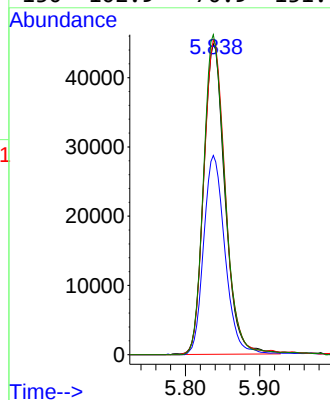
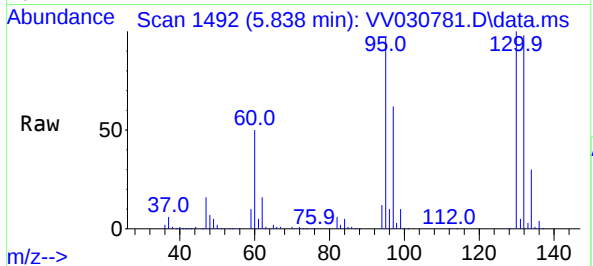


#34
Trichloroethene
Concen: 46.598 ug/L
RT: 5.838 min Scan# 1492
Delta R.T. -0.003 min
Lab File: VV030781.D
Acq: 24 Apr 2023 09:38

Instrument :
MSVOA_V
ClientSampleId :
VSTD050336

Tgt Ion: 95 Resp: 89451

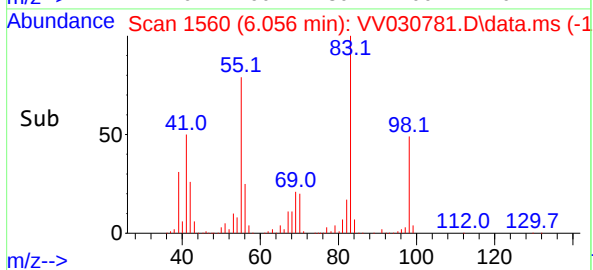
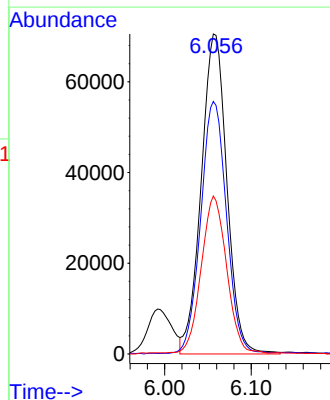
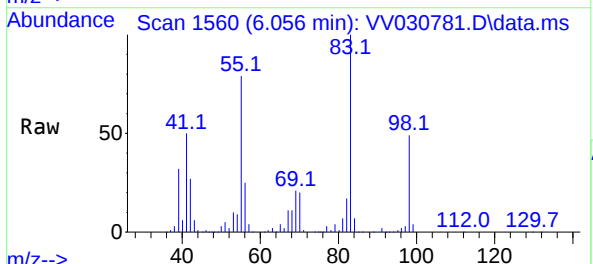
Ion	Ratio	Lower	Upper
95	100		
97	64.1	45.8	85.2
132	101.2	70.6	131.2
130	102.9	70.9	131.7

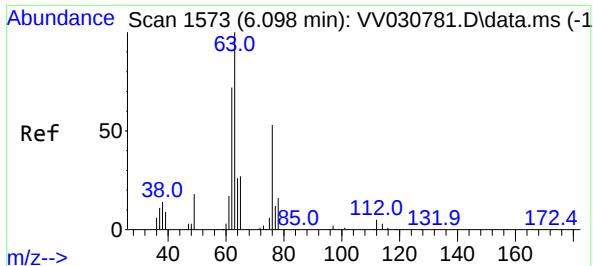


#35
Methylcyclohexane
Concen: 48.321 ug/L
RT: 6.056 min Scan# 1560
Delta R.T. -0.003 min
Lab File: VV030781.D
Acq: 24 Apr 2023 09:38

Tgt Ion: 83 Resp: 145346

Ion	Ratio	Lower	Upper
83	100		
55	79.0	65.5	98.3
98	48.9	38.7	58.1

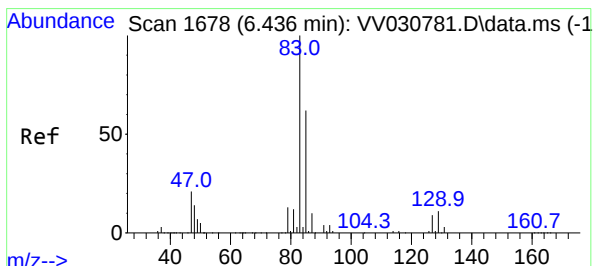
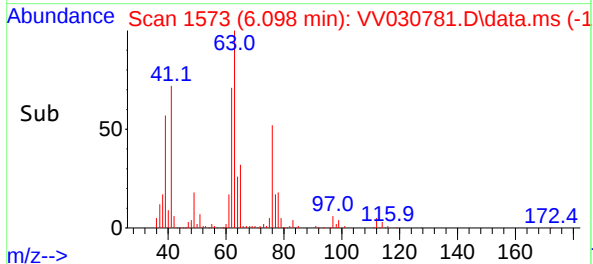
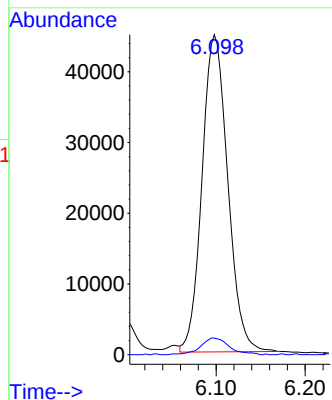
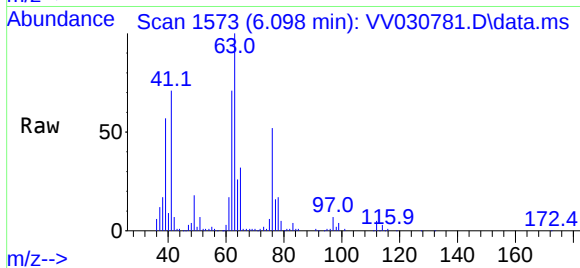




#37
1,2-Dichloropropane
Concen: 45.362 ug/L
RT: 6.098 min Scan# 11
Delta R.T. -0.003 min
Lab File: VV030781.D
Acq: 24 Apr 2023 09:38

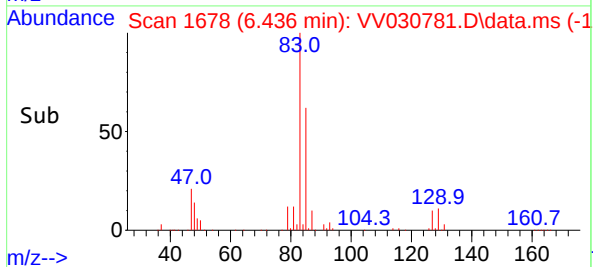
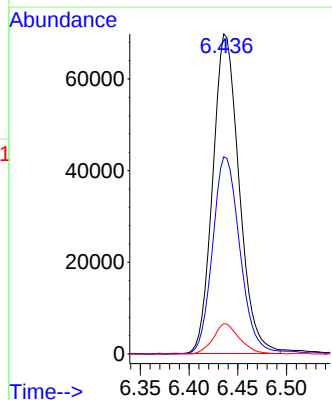
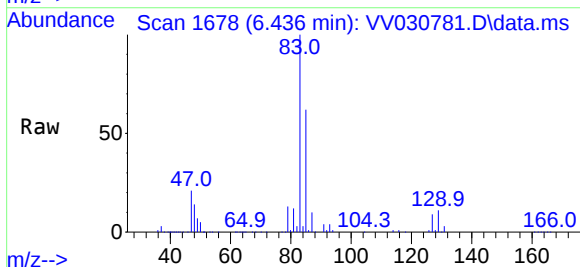
Instrument :
MSVOA_V
ClientSampleId :
VSTD050336

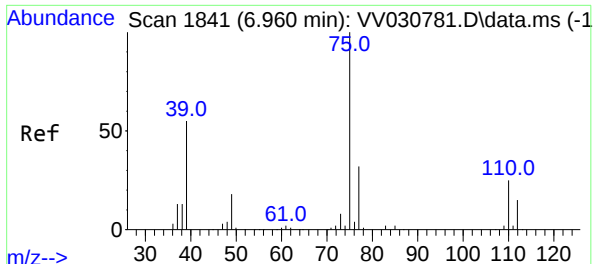
Tgt Ion: 63 Resp: 90106
Ion Ratio Lower Upper
63 100
112 5.7 3.8 5.8



#38
Bromodichloromethane
Concen: 47.075 ug/L
RT: 6.436 min Scan# 1678
Delta R.T. -0.003 min
Lab File: VV030781.D
Acq: 24 Apr 2023 09:38

Tgt Ion: 83 Resp: 131357
Ion Ratio Lower Upper
83 100
85 61.6 45.4 84.4
127 9.4 7.0 10.4

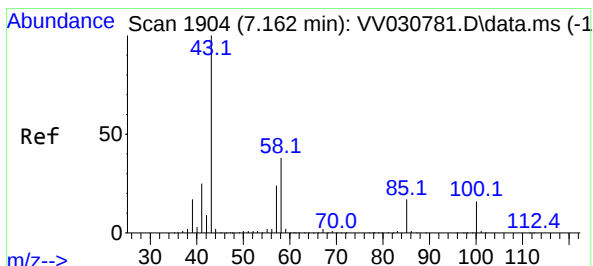
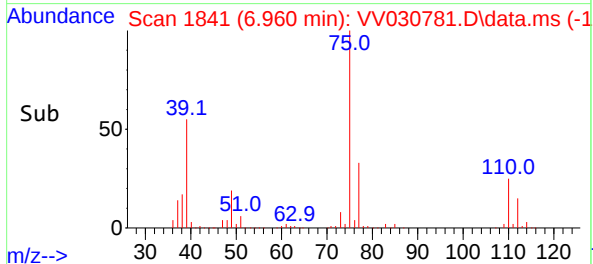
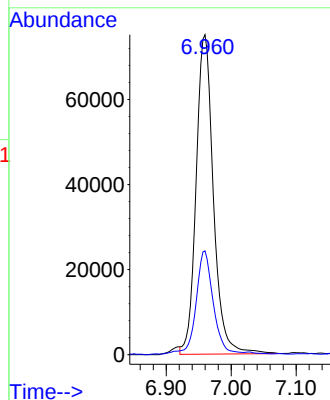
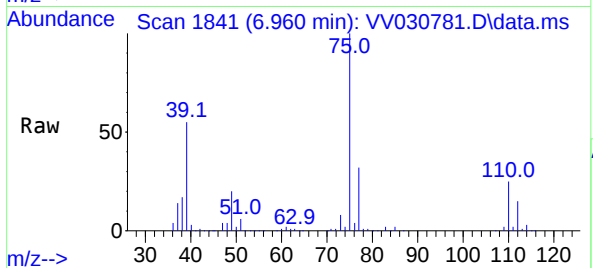




#39
cis-1,3-Dichloropropene
Concen: 46.748 ug/L
RT: 6.960 min Scan# 1841
Delta R.T. -0.000 min
Lab File: VV030781.D
Acq: 24 Apr 2023 09:38

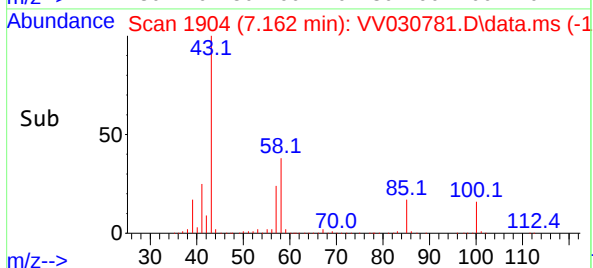
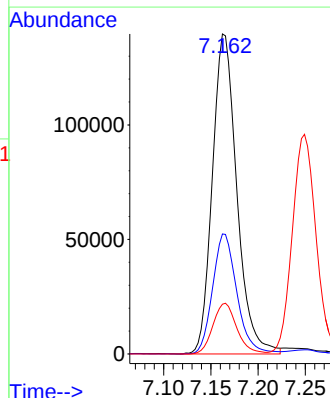
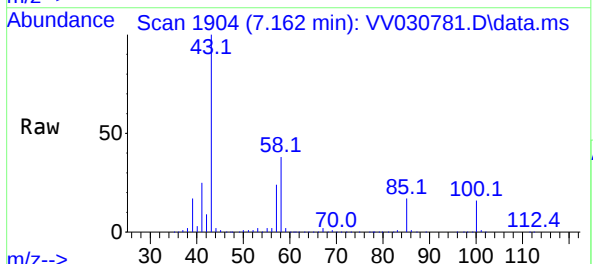
Instrument :
MSVOA_V
ClientSampleId :
VSTD050336

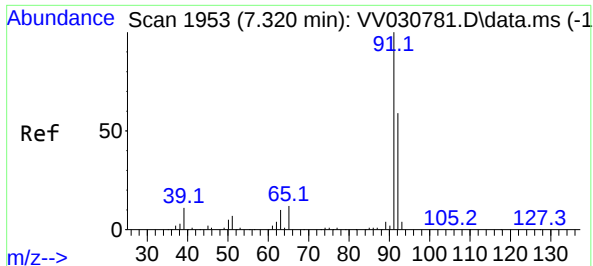
Tgt Ion: 75 Resp: 139371
Ion Ratio Lower Upper
75 100
77 32.5 22.0 40.8



#40
4-Methyl-2-pentanone
Concen: 90.800 ug/L
RT: 7.162 min Scan# 1904
Delta R.T. -0.003 min
Lab File: VV030781.D
Acq: 24 Apr 2023 09:38

Tgt Ion: 43 Resp: 251951
Ion Ratio Lower Upper
43 100
58 37.2 29.2 43.8
100 15.5 11.3 16.9





#42

Toluene

Concen: 49.500 ug/L

RT: 7.320 min Scan# 1953

Delta R.T. -0.003 min

Lab File: VV030781.D

Acq: 24 Apr 2023 09:38

Instrument :

MSVOA_V

ClientSampleId :

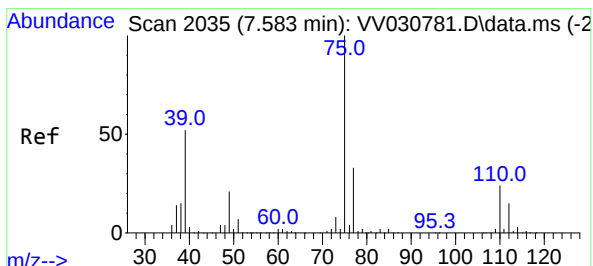
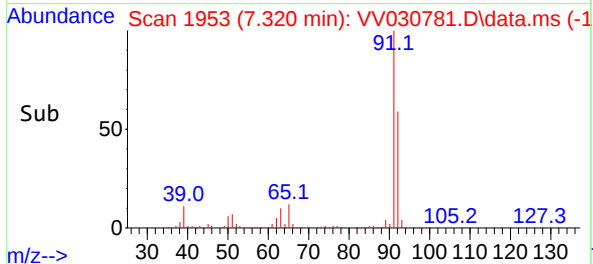
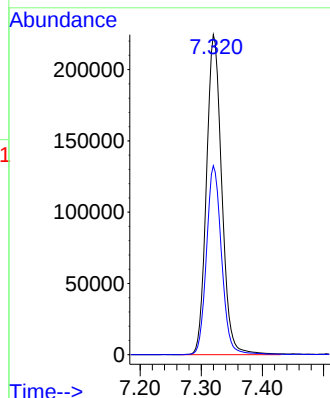
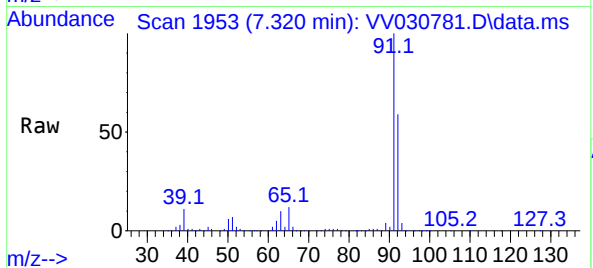
VSTD050336

Tgt Ion: 91 Resp: 391286

Ion Ratio Lower Upper

91 100

92 59.1 39.8 73.8



#44

trans-1,3-Dichloropropene

Concen: 49.092 ug/L

RT: 7.583 min Scan# 2035

Delta R.T. -0.003 min

Lab File: VV030781.D

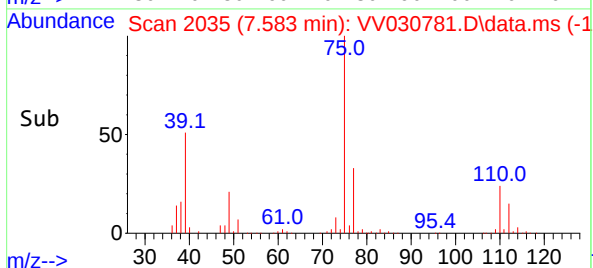
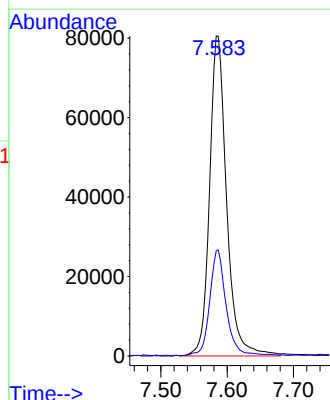
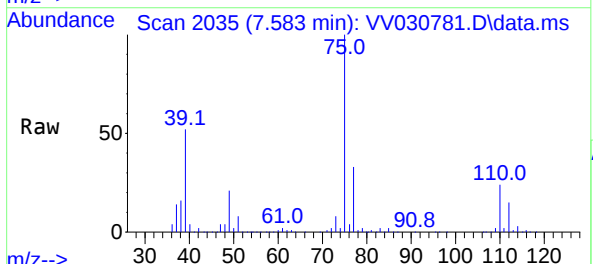
Acq: 24 Apr 2023 09:38

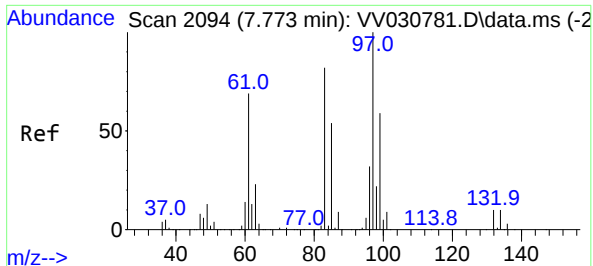
Tgt Ion: 75 Resp: 143794

Ion Ratio Lower Upper

75 100

77 32.9 22.1 41.1



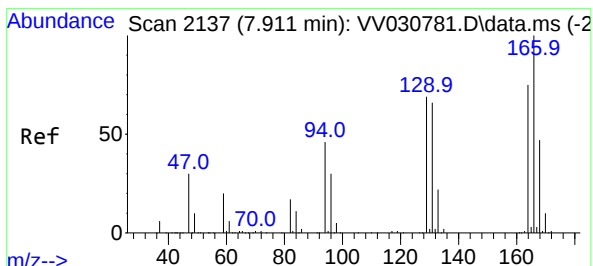
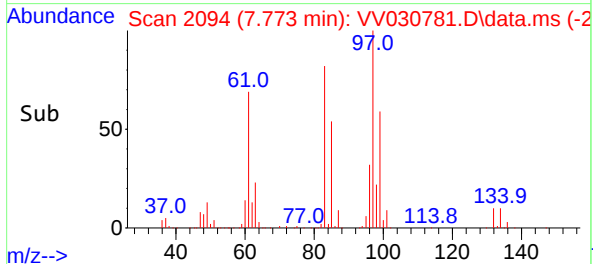
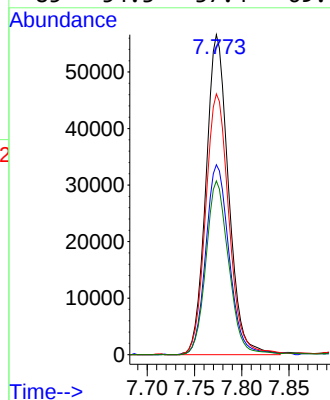
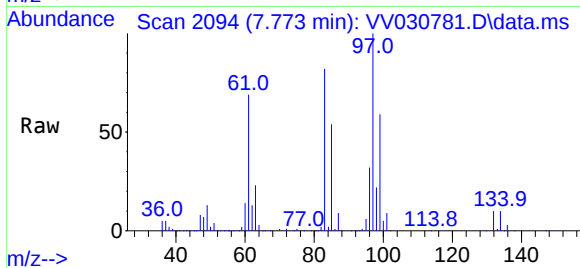


#45
1,1,2-Trichloroethane
Concen: 47.262 ug/L
RT: 7.773 min Scan# 2094
Delta R.T. -0.003 min
Lab File: VV030781.D
Acq: 24 Apr 2023 09:38

Instrument :
MSVOA_V
ClientSampleId :
VSTD050336

Tgt Ion: 97 Resp: 94138

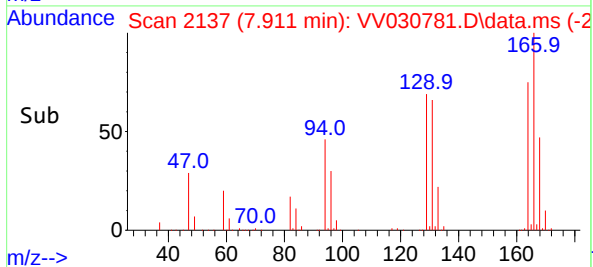
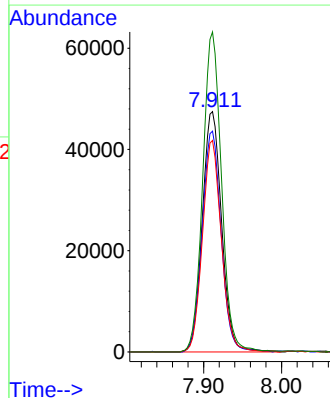
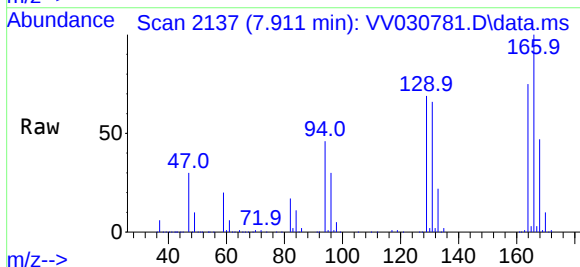
Ion	Ratio	Lower	Upper
97	100		
99	59.3	43.8	81.4
83	81.5	59.6	110.6
85	54.3	37.4	69.4

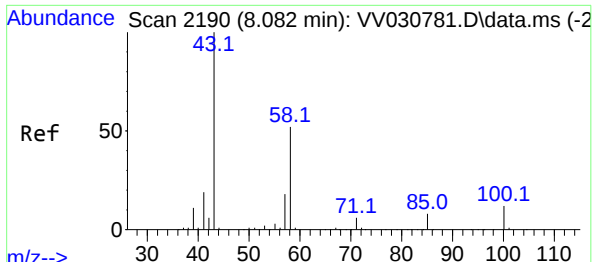


#46
Tetrachloroethene
Concen: 48.874 ug/L
RT: 7.911 min Scan# 2137
Delta R.T. -0.000 min
Lab File: VV030781.D
Acq: 24 Apr 2023 09:38

Tgt Ion: 164 Resp: 82122

Ion	Ratio	Lower	Upper
164	100		
129	91.9	63.8	118.6
131	88.0	60.3	111.9
166	133.1	89.5	166.1



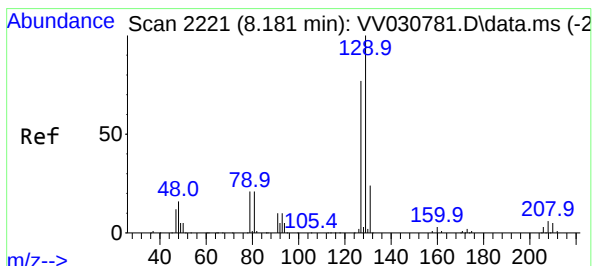
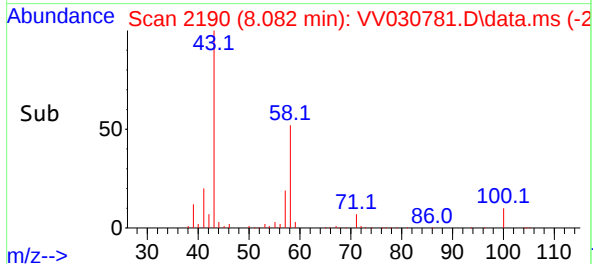
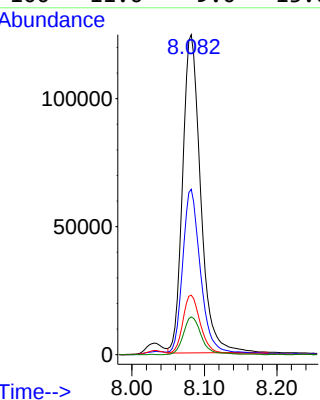
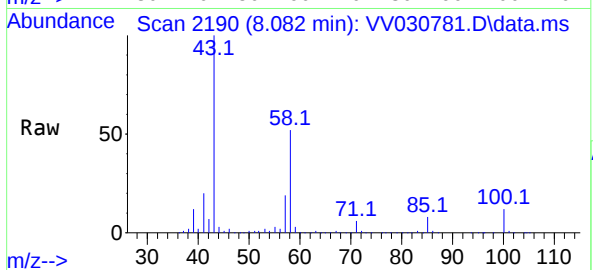


#48
2-Hexanone
Concen: 93.741 ug/L
RT: 8.082 min Scan# 2190
Delta R.T. -0.000 min
Lab File: VV030781.D
Acq: 24 Apr 2023 09:38

Instrument :
MSVOA_V
ClientSampleId :
VSTD050336

Tgt Ion: 43 Resp: 214621

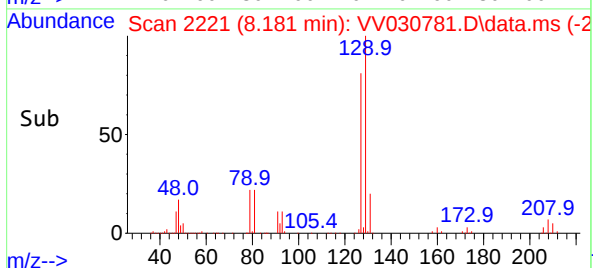
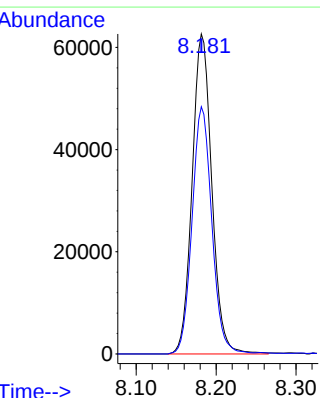
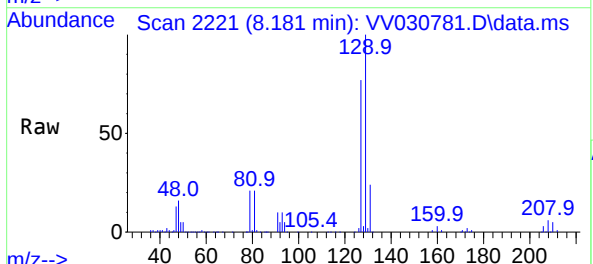
Ion	Ratio	Lower	Upper
43	100		
58	50.0	41.4	62.0
57	18.2	14.9	22.3
100	11.6	9.0	13.6

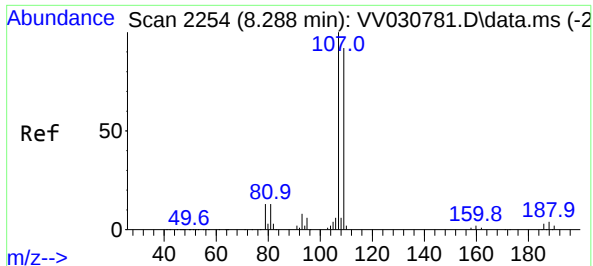


#49
Dibromochloromethane
Concen: 48.842 ug/L
RT: 8.181 min Scan# 2221
Delta R.T. -0.003 min
Lab File: VV030781.D
Acq: 24 Apr 2023 09:38

Tgt Ion: 129 Resp: 107310

Ion	Ratio	Lower	Upper
129	100		
127	77.2	52.8	98.2

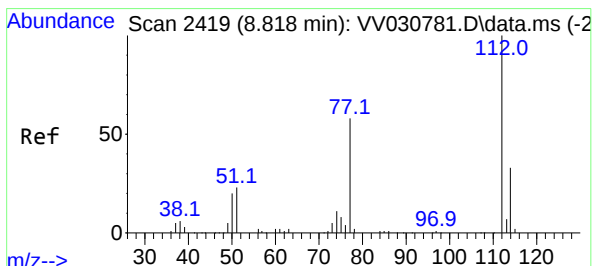
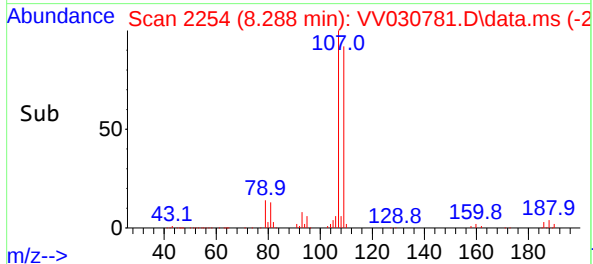
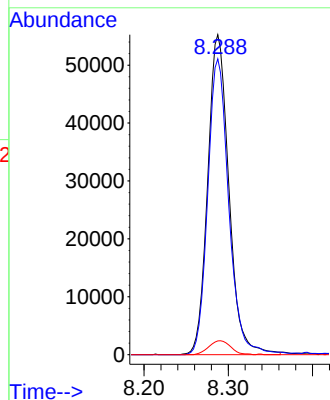
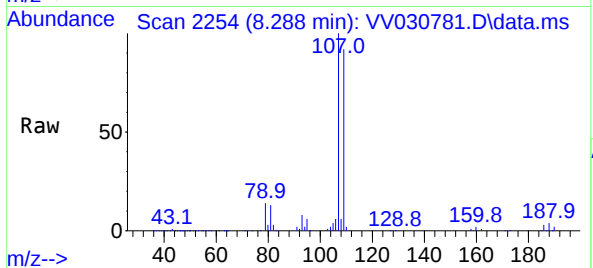




#50
1,2-Dibromoethane
Concen: 46.841 ug/L
RT: 8.288 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV030781.D
Acq: 24 Apr 2023 09:38

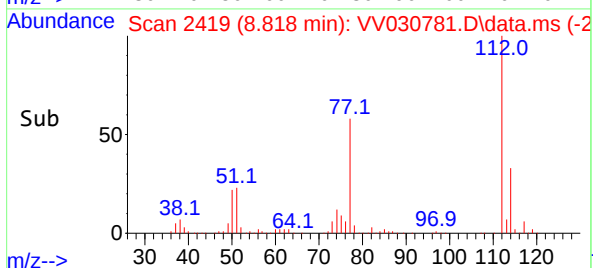
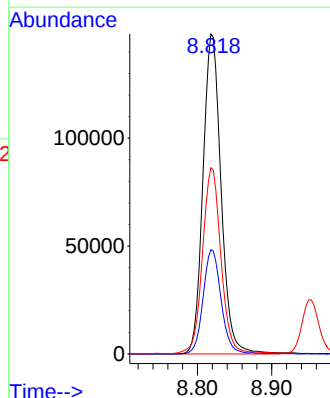
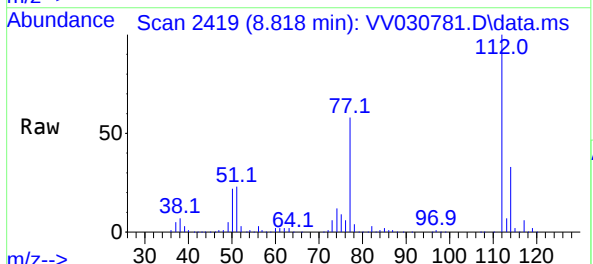
Instrument :
MSVOA_V
ClientSampleId :
VSTD050336

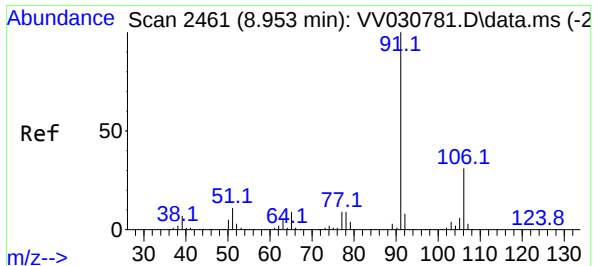
Tgt Ion:107 Resp: 96673
Ion Ratio Lower Upper
107 100
109 92.5 65.7 121.9
188 4.3 3.2 4.8



#51
Chlorobenzene
Concen: 47.925 ug/L
RT: 8.818 min Scan# 2419
Delta R.T. -0.003 min
Lab File: VV030781.D
Acq: 24 Apr 2023 09:38

Tgt Ion:112 Resp: 250902
Ion Ratio Lower Upper
112 100
114 32.6 22.4 41.6
77 58.2 47.4 71.0

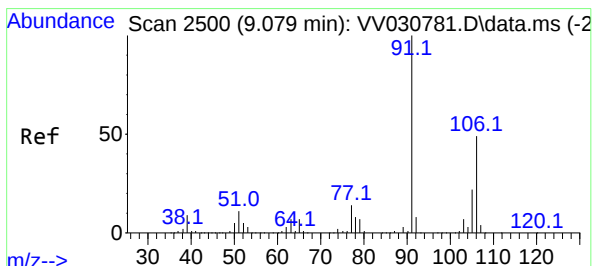
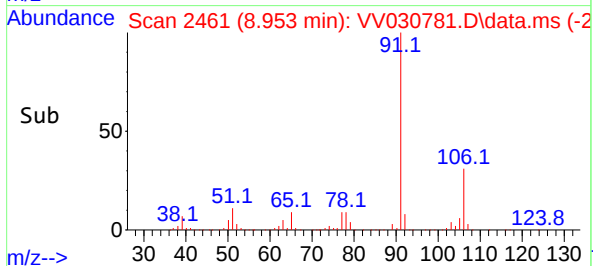
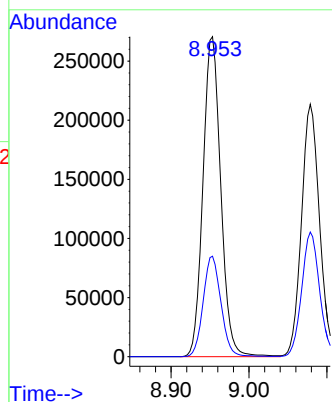
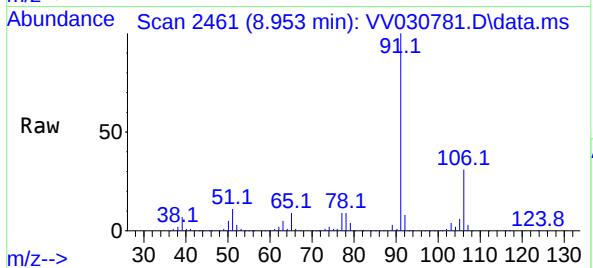




#52
Ethylbenzene
Concen: 48.994 ug/L
RT: 8.953 min Scan# 2461
Delta R.T. -0.000 min
Lab File: VV030781.D
Acq: 24 Apr 2023 09:38

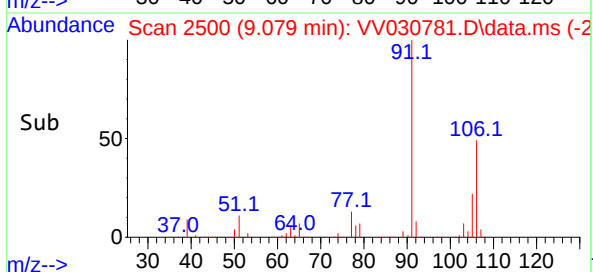
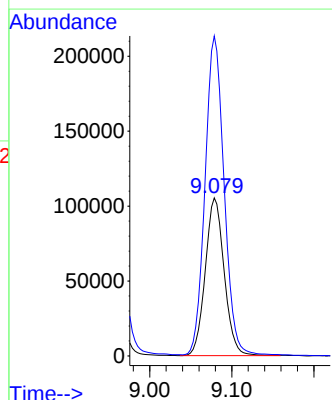
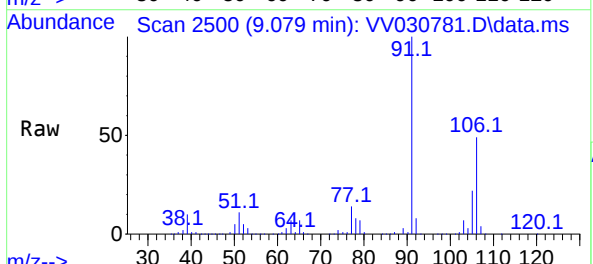
Instrument :
MSVOA_V
ClientSampleId :
VSTD050336

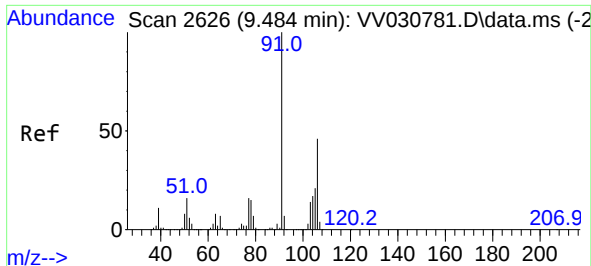
Tgt Ion: 91 Resp: 428749
Ion Ratio Lower Upper
91 100
106 31.4 21.8 40.4



#53
m,p-Xylene
Concen: 50.972 ug/L
RT: 9.079 min Scan# 2500
Delta R.T. -0.000 min
Lab File: VV030781.D
Acq: 24 Apr 2023 09:38

Tgt Ion: 106 Resp: 168490
Ion Ratio Lower Upper
106 100
91 202.5 144.7 268.7

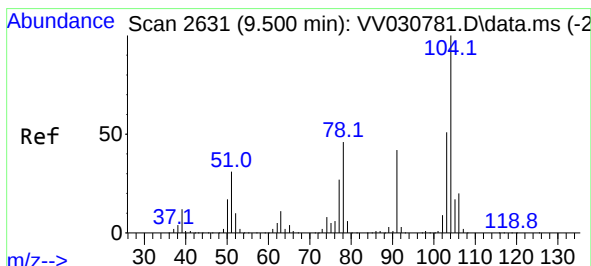
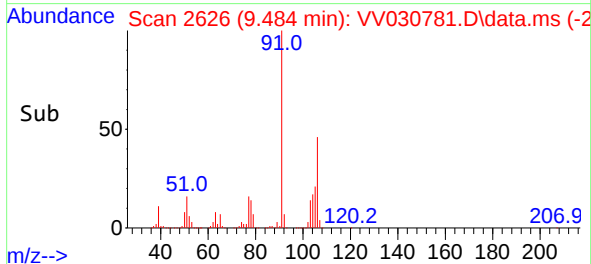
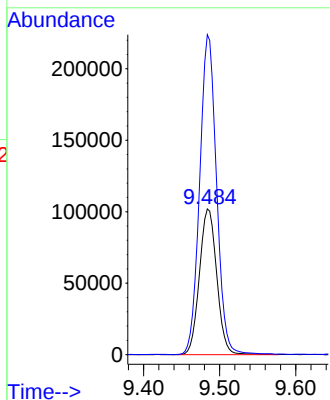
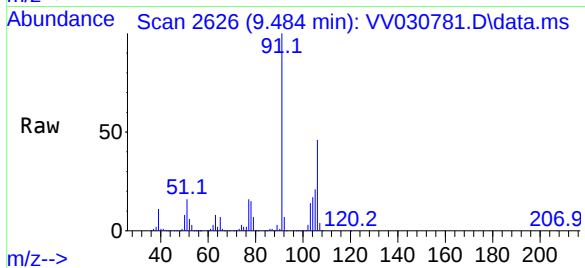




#54
o-Xylene
Concen: 50.044 ug/L
RT: 9.484 min Scan# 2626
Delta R.T. -0.003 min
Lab File: VV030781.D
Acq: 24 Apr 2023 09:38

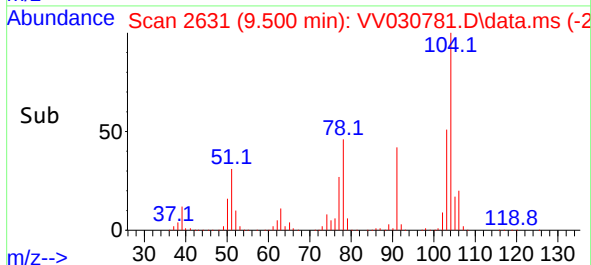
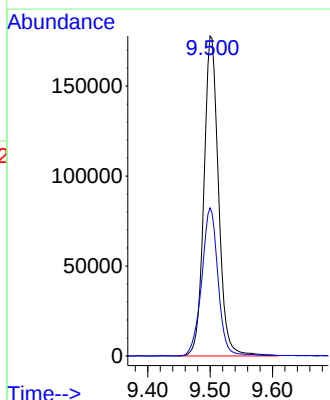
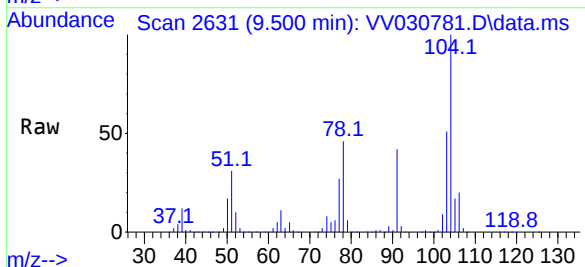
Instrument :
MSVOA_V
ClientSampleId :
VSTD050336

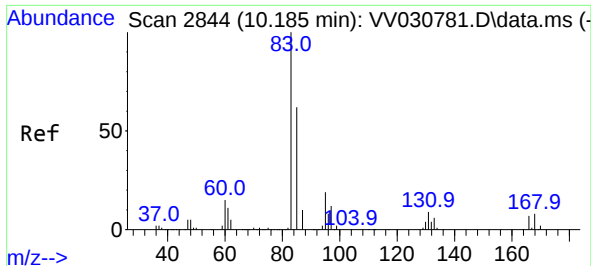
Tgt Ion:106 Resp: 161830
Ion Ratio Lower Upper
106 100
91 219.5 152.6 283.4



#55
Styrene
Concen: 51.144 ug/L
RT: 9.500 min Scan# 2631
Delta R.T. -0.003 min
Lab File: VV030781.D
Acq: 24 Apr 2023 09:38

Tgt Ion:104 Resp: 290516
Ion Ratio Lower Upper
104 100
78 46.3 32.3 59.9

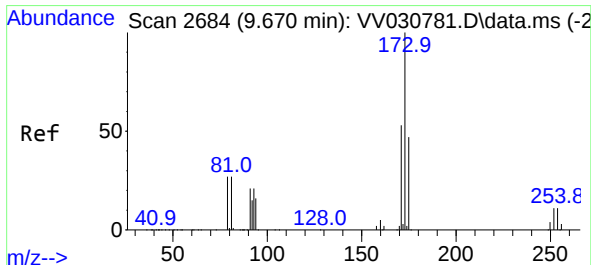
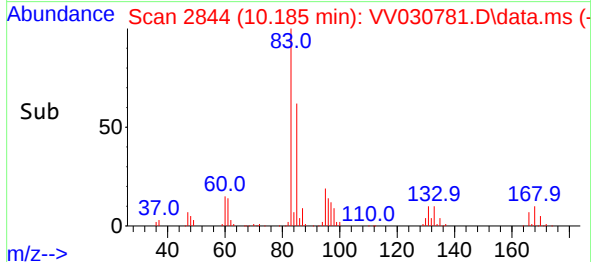
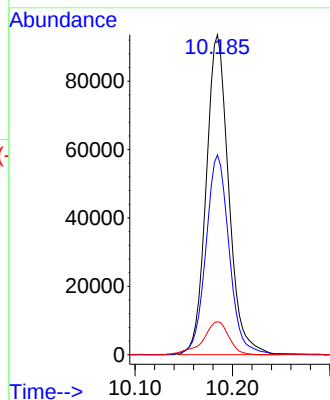
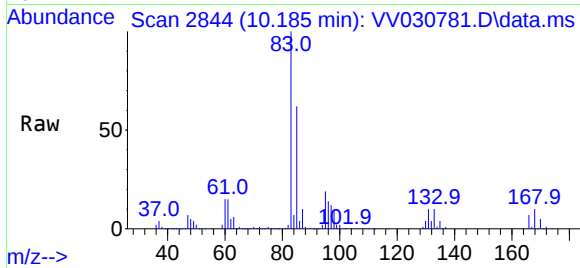




#57
1,1,2,2-Tetrachloroethane
Concen: 45.957 ug/L
RT: 10.185 min Scan# 2844
Delta R.T. -0.000 min
Lab File: VV030781.D
Acq: 24 Apr 2023 09:38

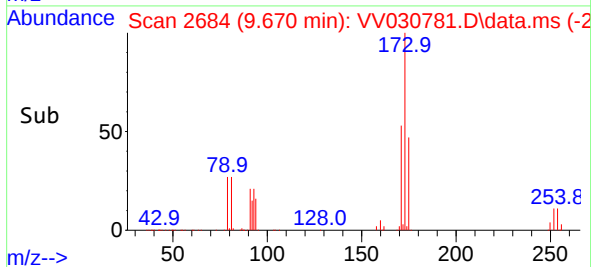
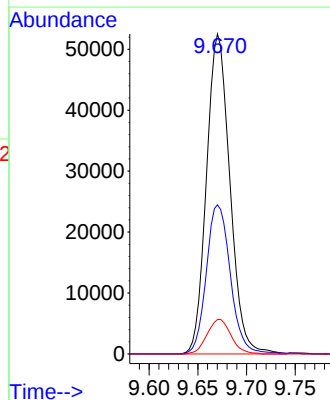
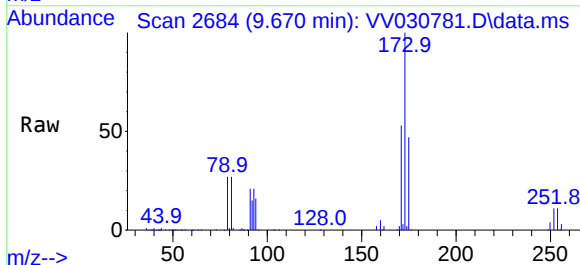
Instrument :
MSVOA_V
ClientSampleId :
VSTD050336

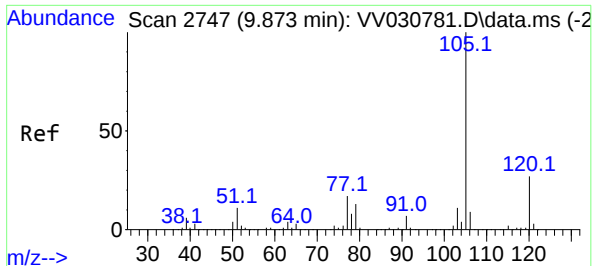
Tgt Ion: 83 Resp: 150291
Ion Ratio Lower Upper
83 100
85 62.4 45.1 83.7
131 10.3 8.0 12.0



#59
Bromoform
Concen: 49.567 ug/L
RT: 9.670 min Scan# 2684
Delta R.T. -0.000 min
Lab File: VV030781.D
Acq: 24 Apr 2023 09:38

Tgt Ion: 173 Resp: 87861
Ion Ratio Lower Upper
173 100
175 47.7 38.8 58.2
254 11.0 8.2 12.4

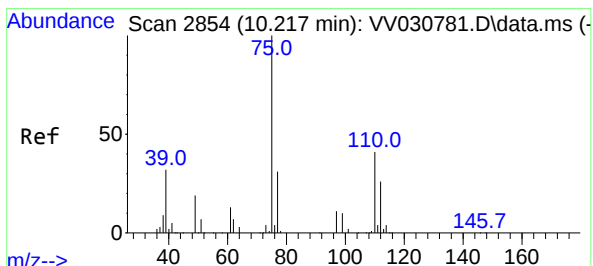
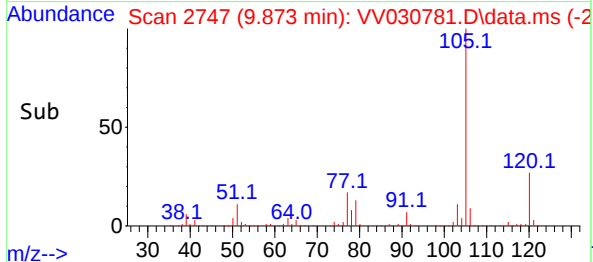
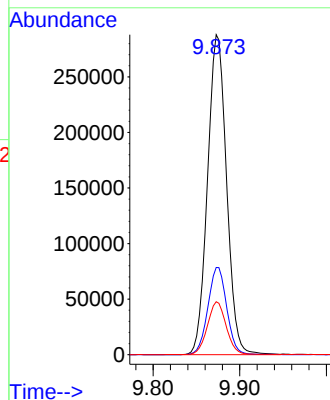
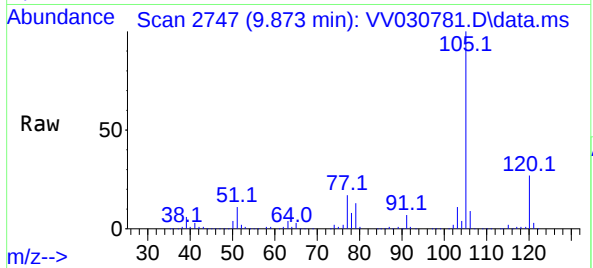




#60
Isopropylbenzene
Concen: 49.869 ug/L
RT: 9.873 min Scan# 21
Delta R.T. -0.003 min
Lab File: VV030781.D
Acq: 24 Apr 2023 09:38

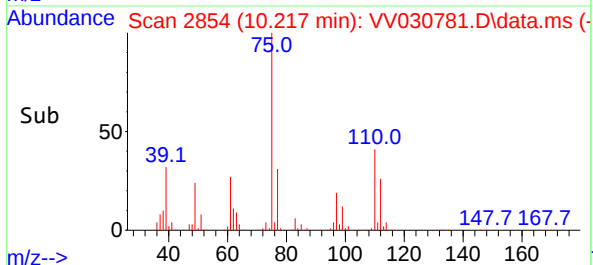
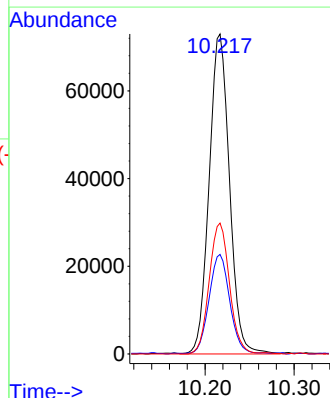
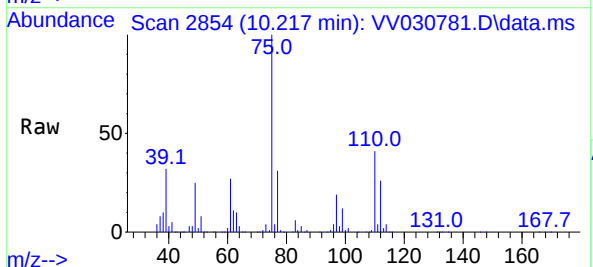
Instrument :
MSVOA_V
ClientSampleId :
VSTD050336

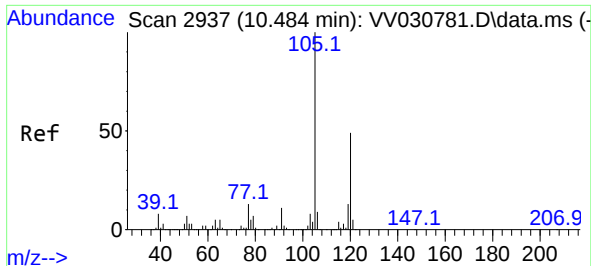
Tgt Ion:105 Resp: 440326
Ion Ratio Lower Upper
105 100
120 27.0 20.9 31.3
77 16.2 13.0 19.6



#61
1,2,3-Trichloropropane
Concen: 45.609 ug/L
RT: 10.217 min Scan# 2854
Delta R.T. -0.000 min
Lab File: VV030781.D
Acq: 24 Apr 2023 09:38

Tgt Ion: 75 Resp: 115655
Ion Ratio Lower Upper
75 100
77 31.2 25.7 38.5
110 40.8 32.8 49.2





#62

1,3,5-Trimethylbenzene

Concen: 49.847 ug/L

RT: 10.484 min Scan# 2937

Delta R.T. -0.000 min

Lab File: VV030781.D

Acq: 24 Apr 2023 09:38

Instrument :

MSVOA_V

ClientSampleId :

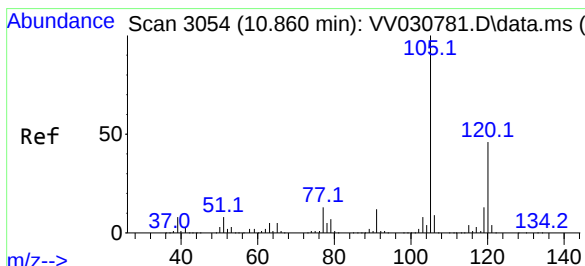
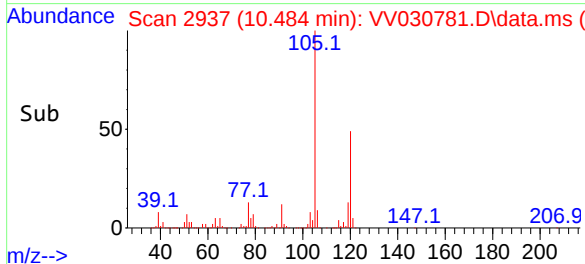
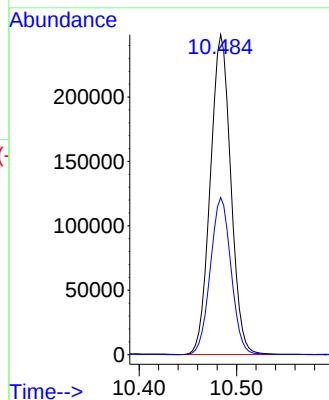
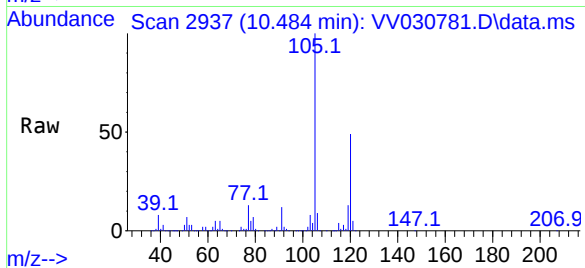
VSTD050336

Tgt Ion:105 Resp: 362383

Ion Ratio Lower Upper

105 100

120 49.8 39.2 58.8



#63

1,2,4-Trimethylbenzene

Concen: 49.566 ug/L

RT: 10.860 min Scan# 3054

Delta R.T. -0.000 min

Lab File: VV030781.D

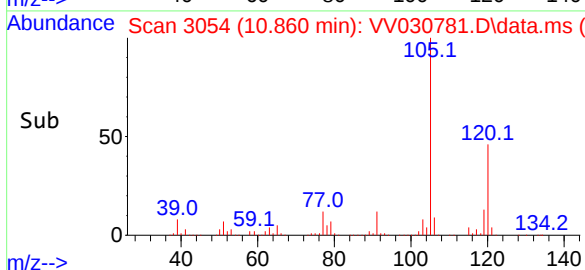
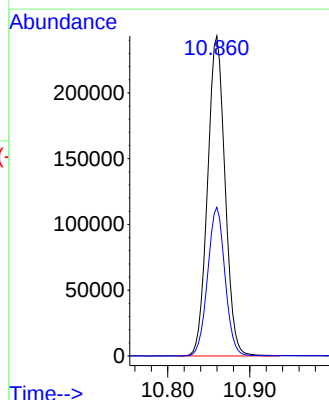
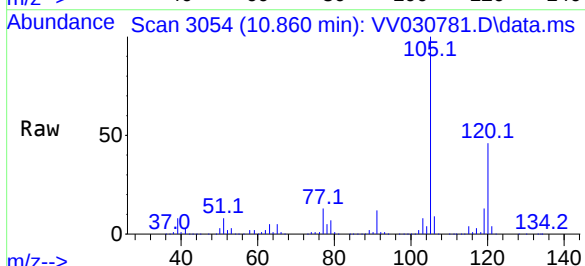
Acq: 24 Apr 2023 09:38

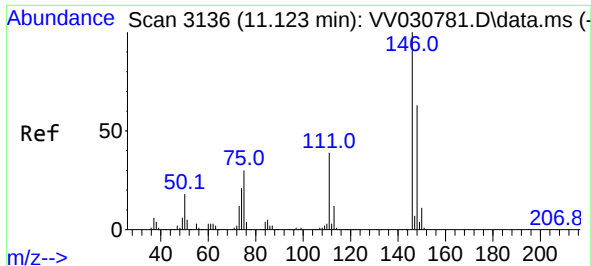
Tgt Ion:105 Resp: 359779

Ion Ratio Lower Upper

105 100

120 46.2 36.2 54.4

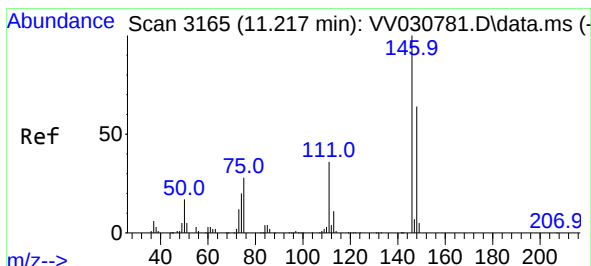
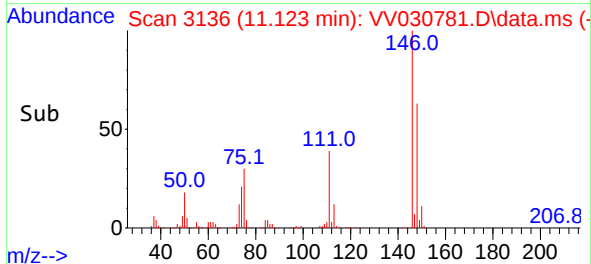
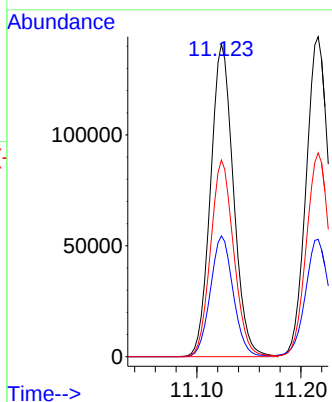
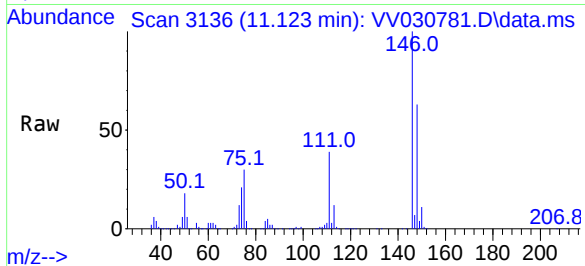




#64
1,3-Dichlorobenzene
Concen: 48.840 ug/L
RT: 11.123 min Scan# 3136
Delta R.T. -0.000 min
Lab File: VV030781.D
Acq: 24 Apr 2023 09:38

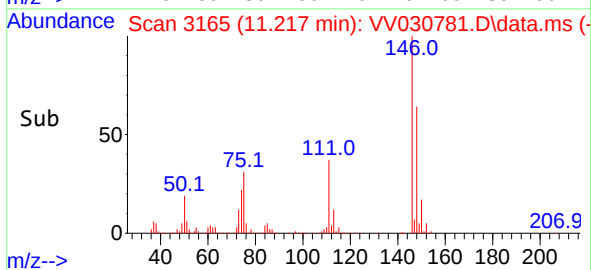
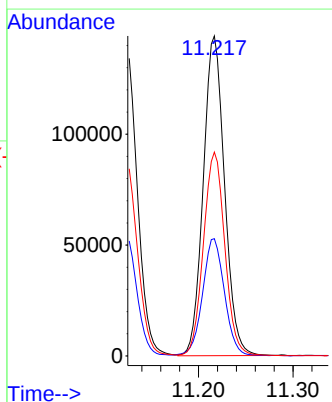
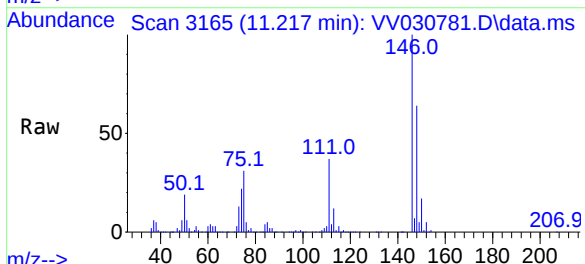
Instrument :
MSVOA_V
ClientSampleId :
VSTD050336

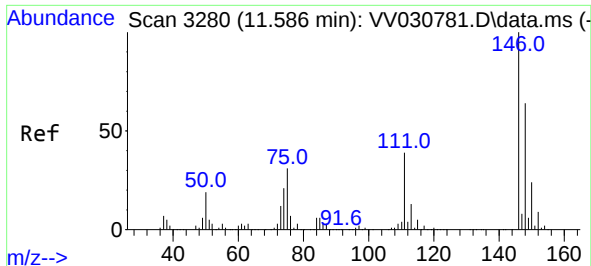
Tgt Ion:146 Resp: 215906
Ion Ratio Lower Upper
146 100
111 38.7 27.0 50.2
148 62.9 44.8 83.2



#65
1,4-Dichlorobenzene
Concen: 48.337 ug/L
RT: 11.217 min Scan# 3165
Delta R.T. -0.000 min
Lab File: VV030781.D
Acq: 24 Apr 2023 09:38

Tgt Ion:146 Resp: 225325
Ion Ratio Lower Upper
146 100
111 36.7 26.5 49.1
148 63.7 44.7 83.1





#67

1,2-Dichlorobenzene

Concen: 48.841 ug/L

RT: 11.586 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV030781.D

Acq: 24 Apr 2023 09:38

Instrument :

MSVOA_V

ClientSampleId :

VSTD050336

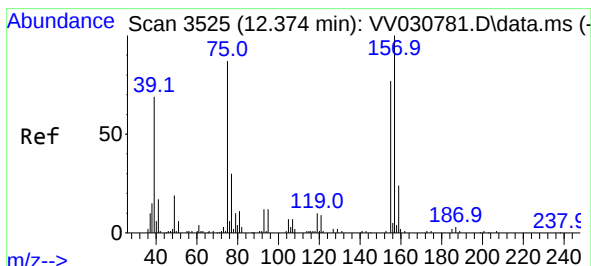
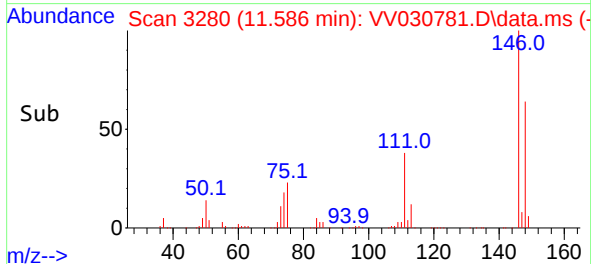
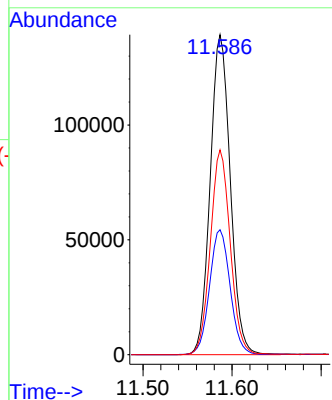
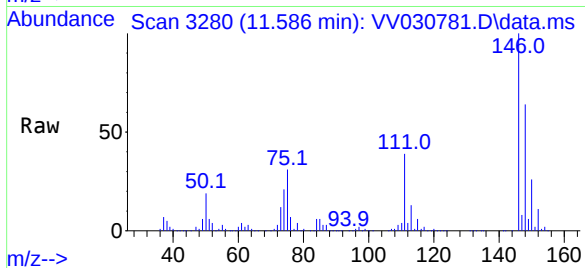
Tgt Ion:146 Resp: 217817

Ion Ratio Lower Upper

146 100

111 39.1 32.0 48.0

148 64.0 50.6 76.0



#68

1,2-Dibromo-3-chloropropane

Concen: 42.579 ug/L

RT: 12.374 min Scan# 3525

Delta R.T. 0.003 min

Lab File: VV030781.D

Acq: 24 Apr 2023 09:38

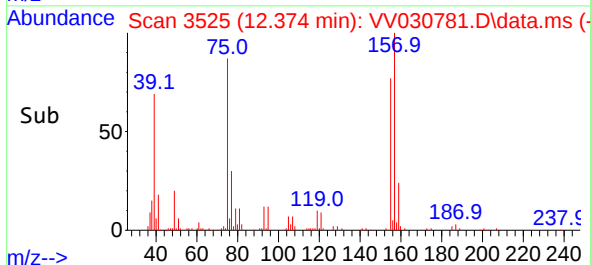
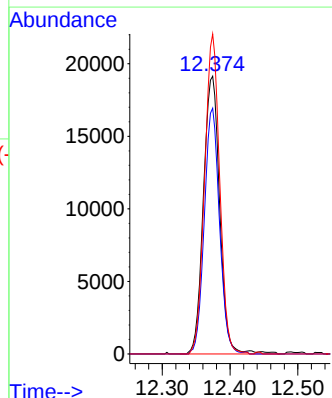
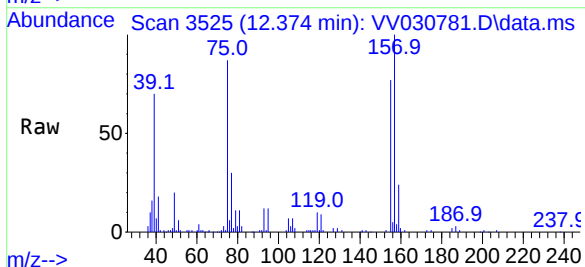
Tgt Ion: 75 Resp: 31989

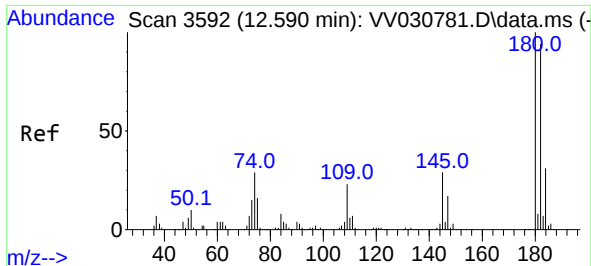
Ion Ratio Lower Upper

75 100

155 88.5 65.0 97.6

157 115.2 84.4 126.6





#69

1,3,5-Trichlorobenzene

Concen: 48.973 ug/L

RT: 12.590 min Scan# 3592

Delta R.T. -0.000 min

Lab File: VV030781.D

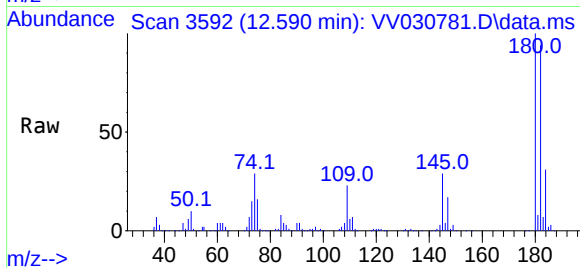
Acq: 24 Apr 2023 09:38

Instrument :

MSVOA_V

ClientSampleId :

VSTD050336



Tgt Ion:180 Resp: 163541

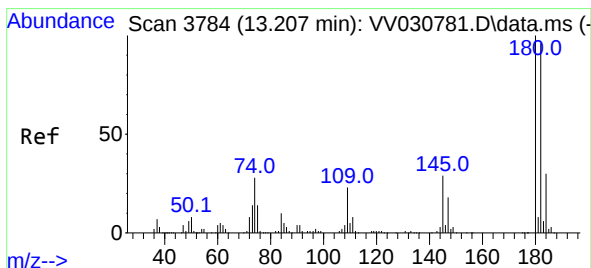
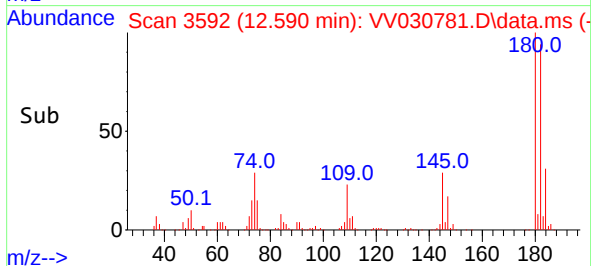
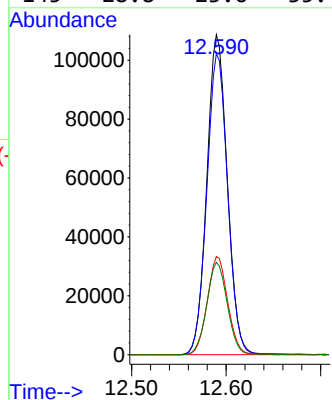
Ion Ratio Lower Upper

180 100

182 95.5 76.4 114.6

184 30.6 24.1 36.1

145 28.8 23.6 35.4



#70

1,2,4-trichlorobenzene

Concen: 47.410 ug/L

RT: 13.207 min Scan# 3784

Delta R.T. -0.000 min

Lab File: VV030781.D

Acq: 24 Apr 2023 09:38

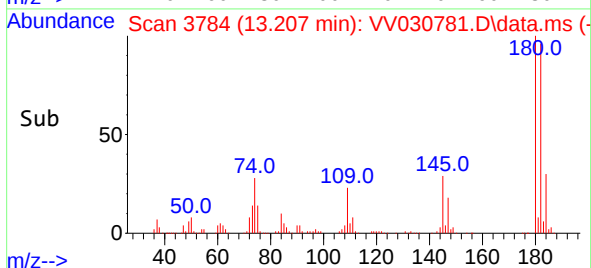
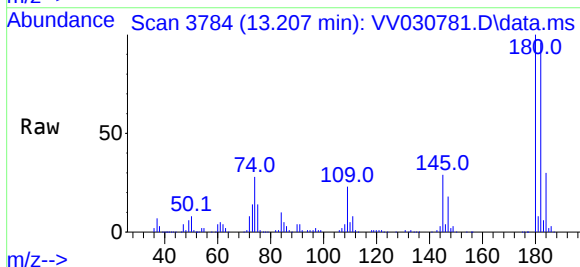
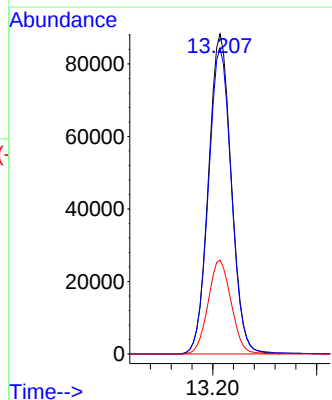
Tgt Ion:180 Resp: 134422

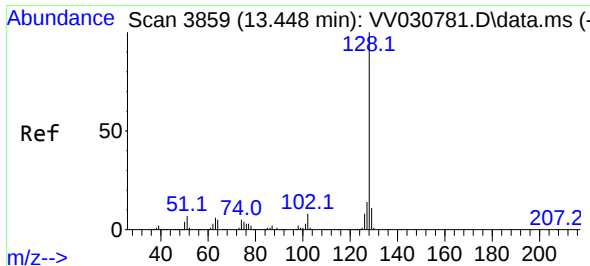
Ion Ratio Lower Upper

180 100

182 96.7 75.9 113.9

145 29.6 23.4 35.2

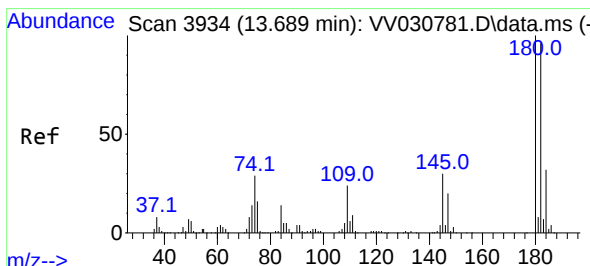
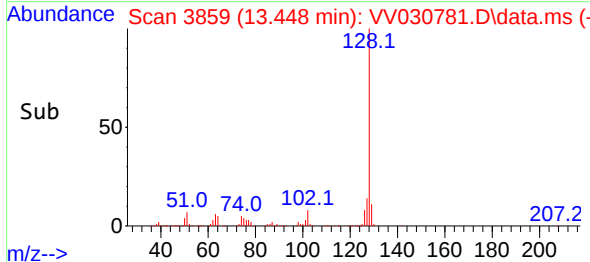
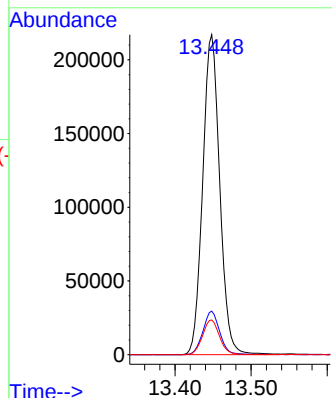
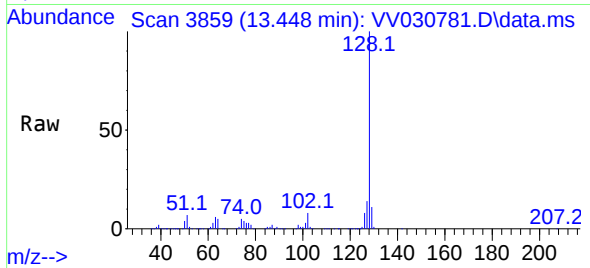




#71
Naphthalene
Concen: 43.541 ug/L
RT: 13.448 min Scan# 3859
Delta R.T. -0.000 min
Lab File: VV030781.D
Acq: 24 Apr 2023 09:38

Instrument :
MSVOA_V
ClientSampleId :
VSTD050336

Tgt Ion:128 Resp: 337711
Ion Ratio Lower Upper
128 100
127 13.4 10.7 16.1
129 10.8 8.6 13.0



#72
1,2,3-Trichlorobenzene
Concen: 49.098 ug/L
RT: 13.689 min Scan# 3934
Delta R.T. -0.000 min
Lab File: VV030781.D
Acq: 24 Apr 2023 09:38

Tgt Ion:180 Resp: 138039
Ion Ratio Lower Upper
180 100
182 94.7 76.2 114.4
145 30.3 25.1 37.7

