

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061523\
 Data File : VU054557.D
 Acq On : 16 Jun 2023 04:47
 Operator : MD/SY
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005186

Quant Time: Jun 16 05:24:54 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR060723WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jun 14 00:05:43 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	271033	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	261358	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	136733	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	69800	4.047	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	81.000%
7) Chloroethane-d5	1.914	69	84440	5.229	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	104.600%
11) 1,1-Dichloroethene-d2	2.566	65	32880	4.268	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	85.400%
20) 2-Butanone-d5	4.627	46	237334	48.938	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.880%
24) Chloroform-d	5.062	84	184548	5.119	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.400%
26) 1,2-Dichloroethane-d4	5.698	65	85015	4.837	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.800%
32) Benzene-d6	5.724	84	347069	4.777	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.600%
36) 1,2-Dichloropropane-d6	6.685	67	115709	4.769	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.400%
41) Toluene-d8	7.894	98	299853	4.650	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.000%
43) trans-1,3-Dichloroprop...	8.177	79	34533	4.093	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.800%
46) 2-Hexanone-d5	8.630	63	168544	47.614	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.220%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	87719	4.848	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.000%
66) 1,2-Dichlorobenzene-d4	12.187	152	106835	4.632	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	123455	4.875	ug/L	98
3) Chloromethane	1.518	50	135532	4.659	ug/L	98
5) Vinyl chloride	1.605	62	146176	4.895	ug/L	95
6) Bromomethane	1.859	94	73538	4.479	ug/L	95
8) Chloroethane	1.933	64	88983	4.971	ug/L	100
9) Trichlorofluoromethane	2.139	101	197635	5.384	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.579	101	115663	5.386	ug/L	98
12) 1,1-Dichloroethene	2.579	96	102276	5.203	ug/L	96
13) Acetone	2.640	43	163333	35.720	ug/L	98
14) Carbon disulfide	2.792	76	281369	4.827	ug/L	99
15) Methyl Acetate	2.955	43	42235	4.984	ug/L	97
16) Methylene chloride	3.046	84	117649	4.256	ug/L	98
17) Methyl tert-butyl Ether	3.361	73	249358	5.139	ug/L	99
18) trans-1,2-Dichloroethene	3.351	96	104687	5.158	ug/L	94
19) 1,1-Dichloroethane	3.865	63	220983	5.261	ug/L	98
21) 2-Butanone	4.708	43	273081	46.017	ug/L	97
22) cis-1,2-Dichloroethene	4.663	96	119907	5.188	ug/L	96
23) Bromochloromethane	4.971	128	53368	5.549	ug/L	91
25) Chloroform	5.084	83	222175	5.365	ug/L	98

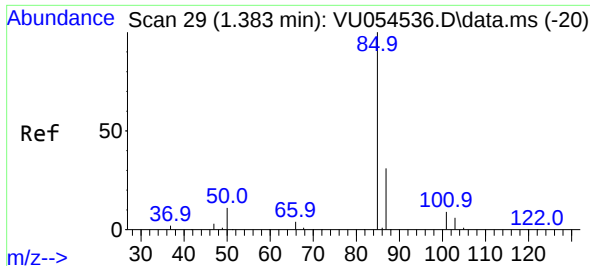
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061523\
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.791	62	127239	5.242	ug/L	97
29) 1,1,1-Trichloroethane	5.312	97	183320	5.173	ug/L	99
30) Cyclohexane	5.386	56	176812	4.580	ug/L	98
31) Carbon tetrachloride	5.521	117	161911	5.302	ug/L	98
33) Benzene	5.769	78	474991	5.057	ug/L	100
34) Trichloroethene	6.537	95	125943	5.070	ug/L	96
35) Methylcyclohexane	6.759	83	172305	4.589	ug/L	97
37) 1,2-Dichloropropane	6.785	63	131636	5.183	ug/L	100
38) Bromodichloromethane	7.100	83	150489	5.235	ug/L	96
39) cis-1,3-Dichloropropene	7.605	75	163225	4.707	ug/L	100
40) 4-Methyl-2-pentanone	7.785	43	667008	49.214	ug/L	99
42) Toluene	7.965	91	499118	5.160	ug/L	99
44) trans-1,3-Dichloropropene	8.206	75	136036	4.834	ug/L	98
45) 1,1,2-Trichloroethane	8.396	97	85905	5.317	ug/L	95
47) Tetrachloroethene	8.550	164	92437	4.862	ug/L	97
48) 2-Hexanone	8.679	43	484149	47.942	ug/L	99
49) Dibromochloromethane	8.804	129	93747	5.526	ug/L	98
50) 1,2-Dibromoethane	8.920	107	78501	5.292	ug/L	98
51) Chlorobenzene	9.444	112	309166	5.127	ug/L	98
52) Ethylbenzene	9.566	91	523019	4.951	ug/L	99
53) m,p-Xylene	9.692	106	195898	5.048	ug/L	100
54) o-Xylene	10.097	106	193172	5.147	ug/L	98
55) Styrene	10.110	104	322842	5.125	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.775	83	106112	5.171	ug/L	99
59) Bromoform	10.286	173	56226	5.728	ug/L	98
60) Isopropylbenzene	10.479	105	519398	5.193	ug/L	99
61) 1,2,3-Trichloropropane	10.817	75	69361	5.019	ug/L	99
62) 1,3,5-Trimethylbenzene	11.084	105	397317	4.868	ug/L	97
63) 1,2,4-Trimethylbenzene	11.463	105	408323	4.926	ug/L	100
64) 1,3-Dichlorobenzene	11.740	146	242511	5.187	ug/L	98
65) 1,4-Dichlorobenzene	11.833	146	238521	5.083	ug/L	97
67) 1,2-Dichlorobenzene	12.206	146	220508	5.128	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.990	75	15245	5.020	ug/L	97
69) 1,3,5-Trichlorobenzene	13.212	180	172419	4.888	ug/L	99
70) 1,2,4-trichlorobenzene	13.836	180	135488	4.645	ug/L	100
71) Naphthalene	14.080	128	193431	4.078	ug/L	99
72) 1,2,3-Trichlorobenzene	14.325	180	116772	4.660	ug/L	96

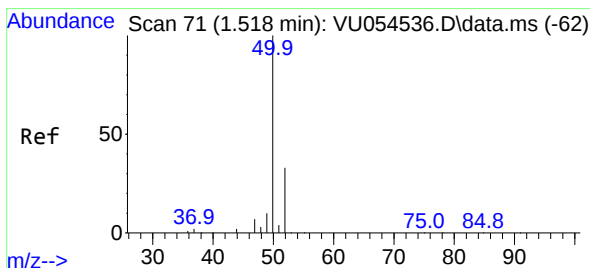
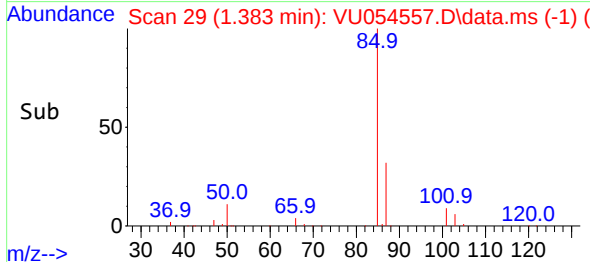
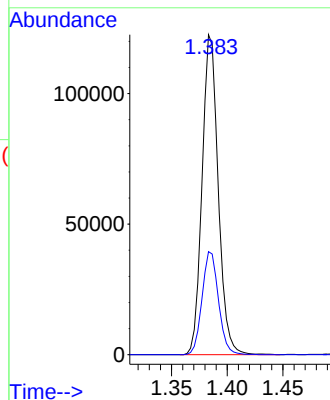
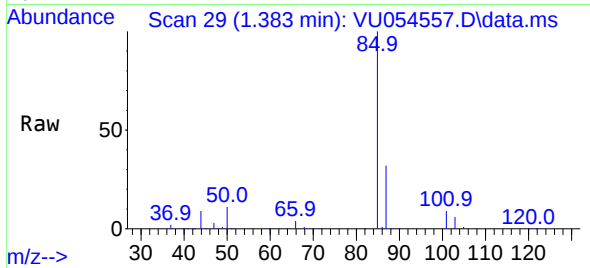
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#2
 Dichlorodifluoromethane
 Concen: 4.875 ug/L
 RT: 1.383 min Scan# 29
 Delta R.T. -0.000 min
 Lab File: VU054557.D
 Acq: 16 Jun 2023 04:47

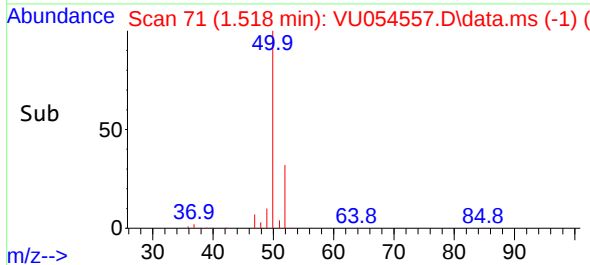
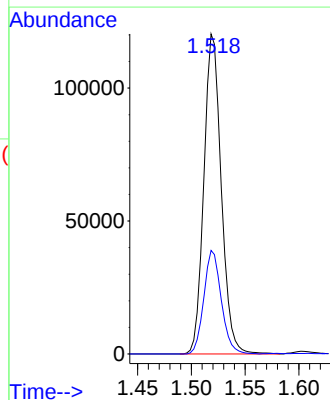
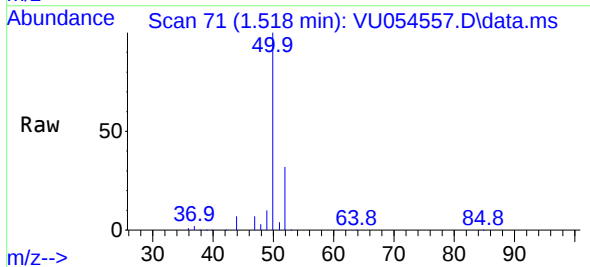
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005186

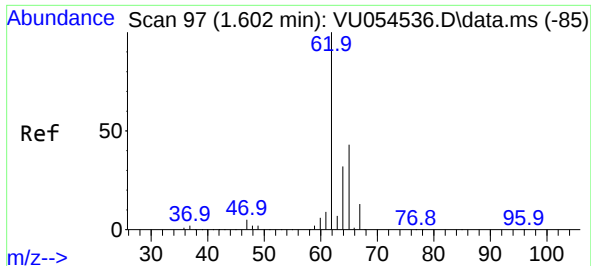
Tgt Ion: 85 Resp: 123455
 Ion Ratio Lower Upper
 85 100
 87 32.7 25.4 38.2



#3
 Chloromethane
 Concen: 4.659 ug/L
 RT: 1.518 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: VU054557.D
 Acq: 16 Jun 2023 04:47

Tgt Ion: 50 Resp: 135532
 Ion Ratio Lower Upper
 50 100
 52 32.3 23.4 43.4

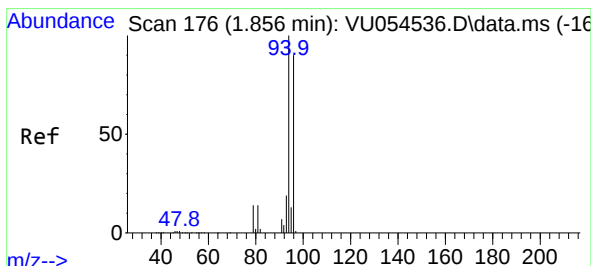
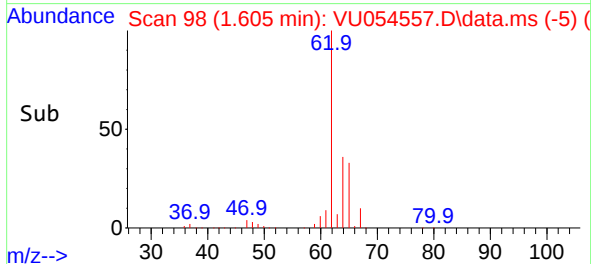
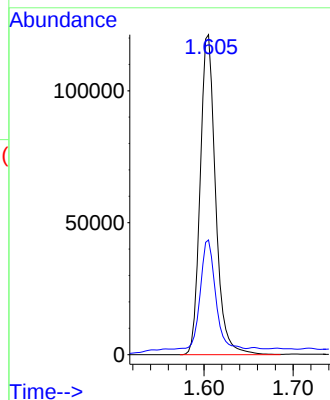
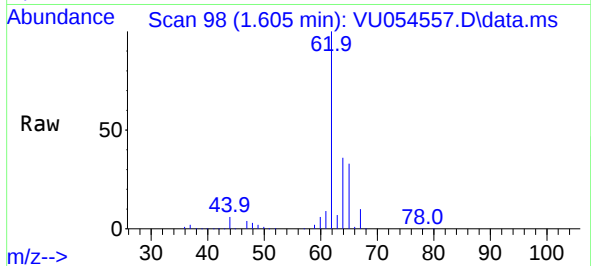




#5
 Vinyl chloride
 Concen: 4.895 ug/L
 RT: 1.605 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VU054557.D
 Acq: 16 Jun 2023 04:47

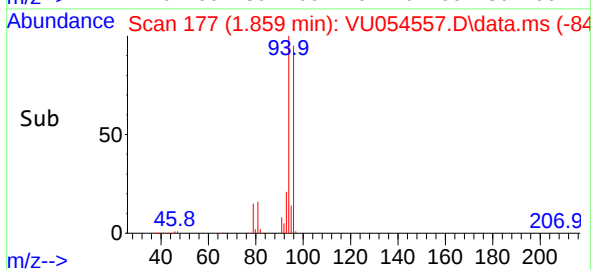
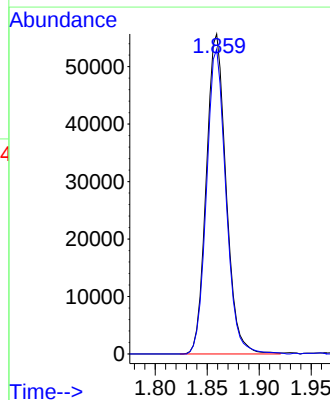
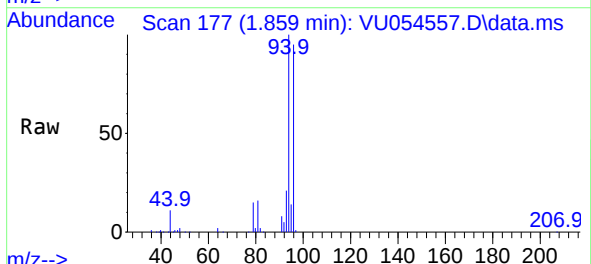
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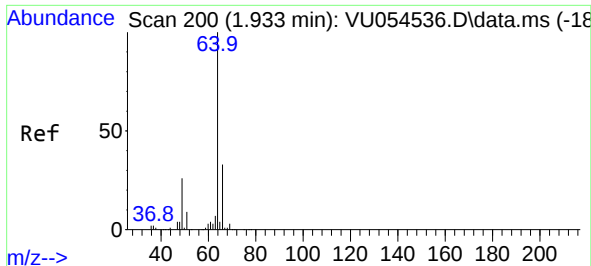
Tgt Ion: 62 Resp: 146176
 Ion Ratio Lower Upper
 62 100
 64 35.9 23.0 42.6



#6
 Bromomethane
 Concen: 4.479 ug/L
 RT: 1.859 min Scan# 177
 Delta R.T. -0.000 min
 Lab File: VU054557.D
 Acq: 16 Jun 2023 04:47

Tgt Ion: 94 Resp: 73538
 Ion Ratio Lower Upper
 94 100
 96 95.3 63.6 118.2

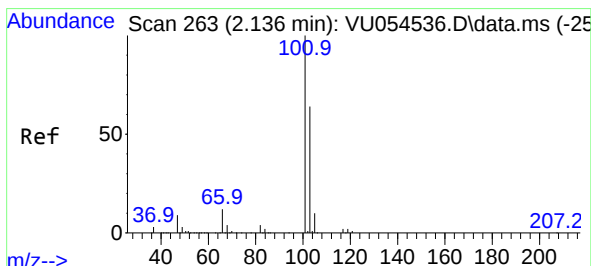
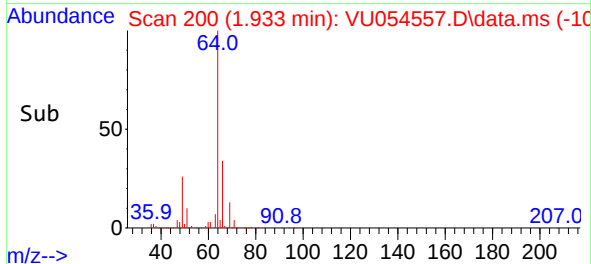
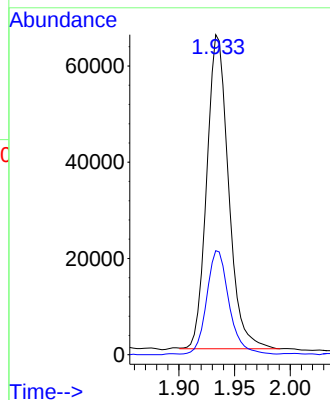
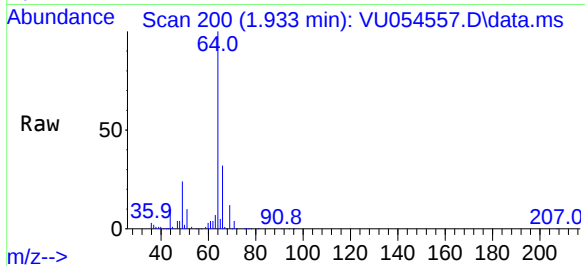




#8
Chloroethane
Concen: 4.971 ug/L
RT: 1.933 min Scan# 200
Delta R.T. -0.000 min
Lab File: VU054557.D
Acq: 16 Jun 2023 04:47

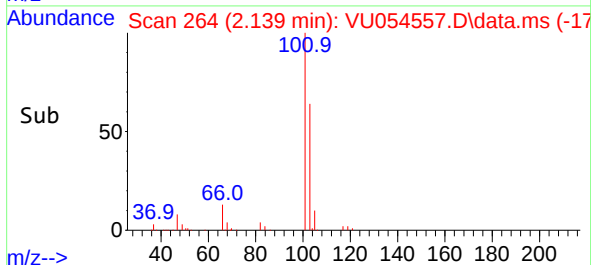
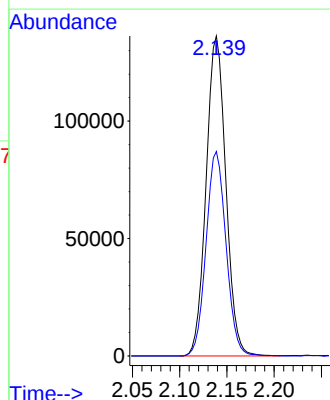
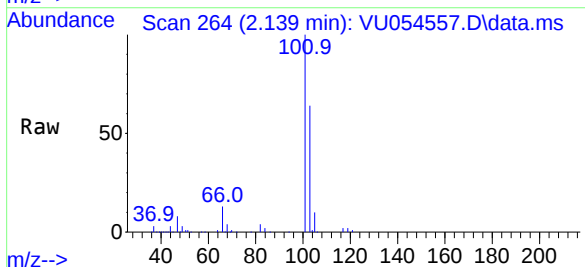
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ClientSampleId :
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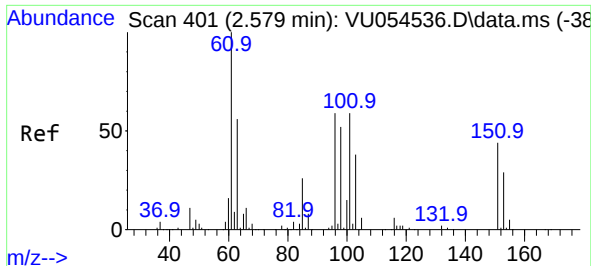
Tgt Ion: 64 Resp: 88983
Ion Ratio Lower Upper
64 100
66 32.5 22.9 42.5



#9
Trichlorofluoromethane
Concen: 5.384 ug/L
RT: 2.139 min Scan# 264
Delta R.T. -0.000 min
Lab File: VU054557.D
Acq: 16 Jun 2023 04:47

Tgt Ion:101 Resp: 197635
Ion Ratio Lower Upper
101 100
103 64.8 50.6 75.8

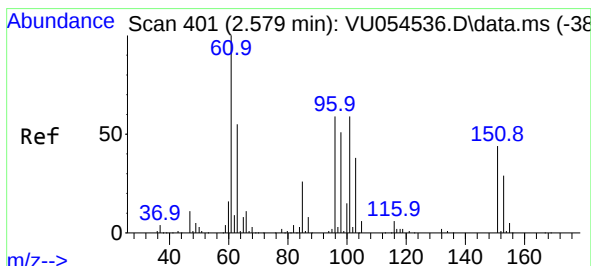
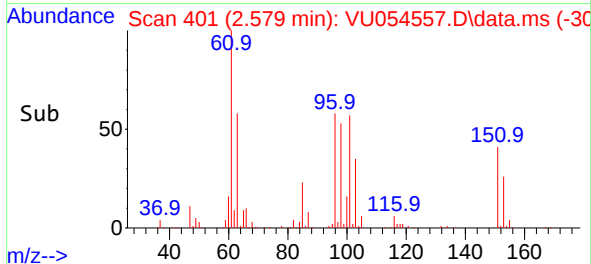
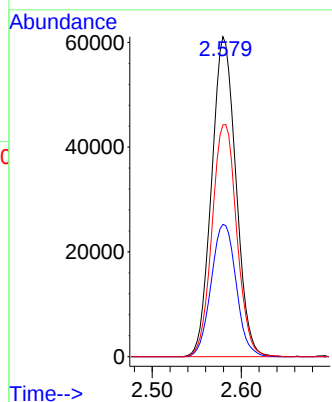
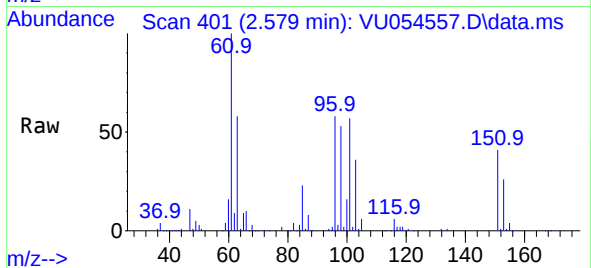




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 5.386 ug/L
RT: 2.579 min Scan# 401
Delta R.T. -0.000 min
Lab File: VU054557.D
Acq: 16 Jun 2023 04:47

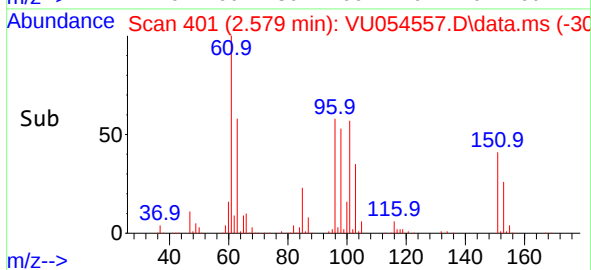
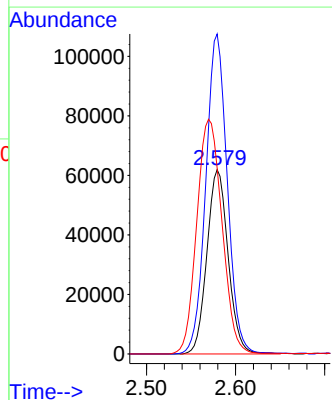
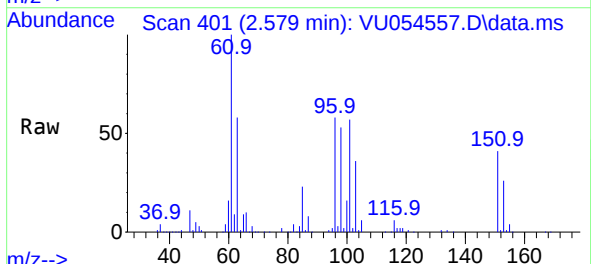
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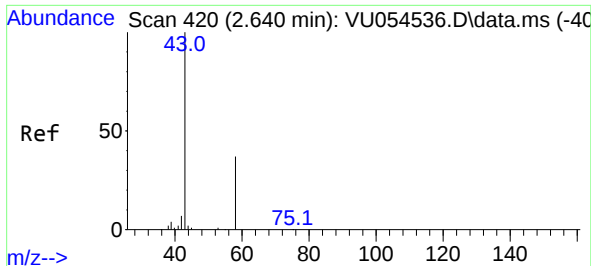
Tgt Ion:101 Resp: 115663
Ion Ratio Lower Upper
101 100
85 42.6 34.6 51.8
151 74.0 57.7 86.5



#12
1,1-Dichloroethene
Concen: 5.203 ug/L
RT: 2.579 min Scan# 401
Delta R.T. -0.000 min
Lab File: VU054557.D
Acq: 16 Jun 2023 04:47

Tgt Ion: 96 Resp: 102276
Ion Ratio Lower Upper
96 100
61 173.6 119.9 222.7
63 100.8 64.3 119.3





#13

Acetone

Concen: 35.720 ug/L

RT: 2.640 min Scan# 41

Delta R.T. -0.010 min

Lab File: VU054557.D

Acq: 16 Jun 2023 04:47

Instrument :

MSVOA_U

ClientSampleId :

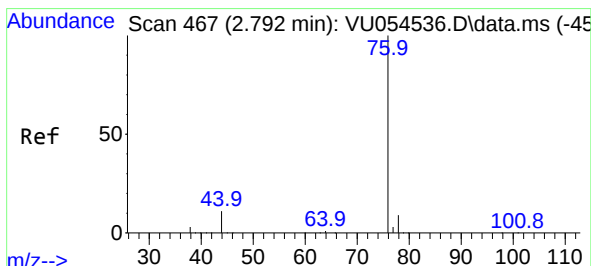
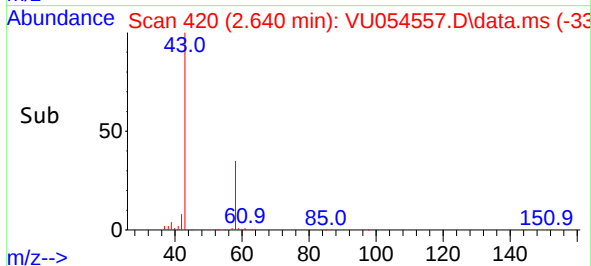
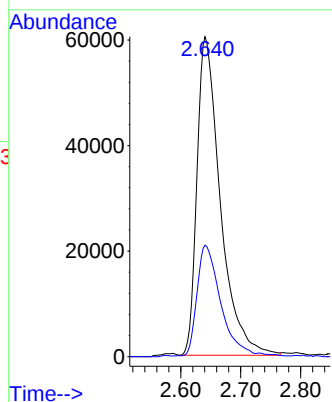
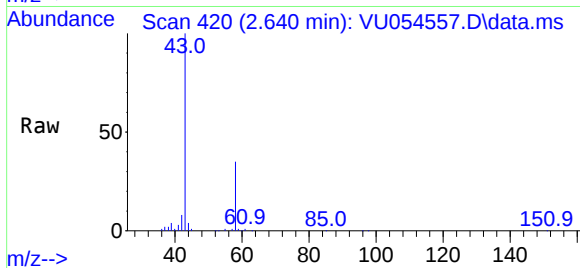
VSTD005186

Tgt Ion: 43 Resp: 163333

Ion Ratio Lower Upper

43 100

58 34.7 0.0 67.2



#14

Carbon disulfide

Concen: 4.827 ug/L

RT: 2.792 min Scan# 467

Delta R.T. -0.000 min

Lab File: VU054557.D

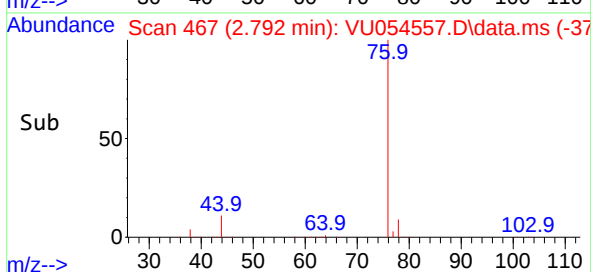
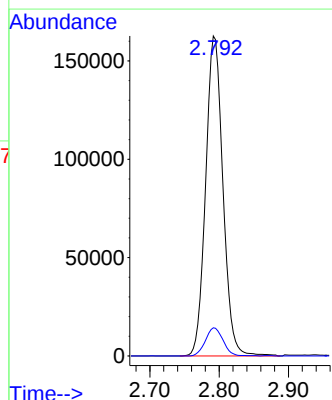
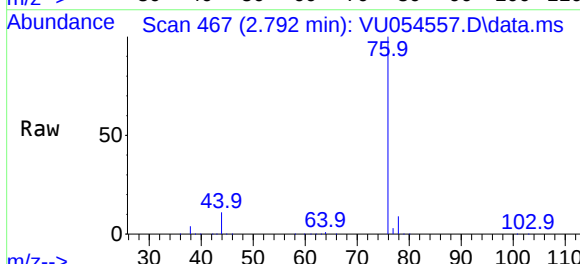
Acq: 16 Jun 2023 04:47

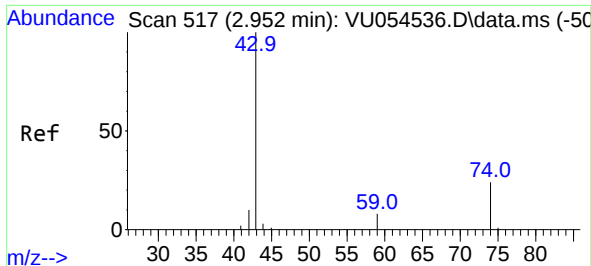
Tgt Ion: 76 Resp: 281369

Ion Ratio Lower Upper

76 100

78 8.8 7.4 11.0

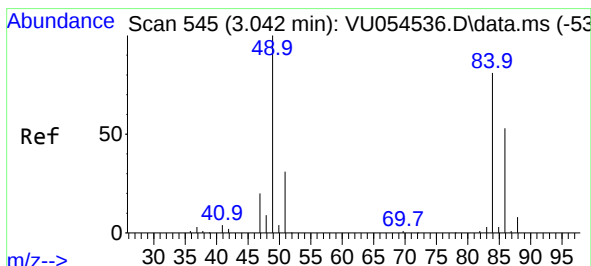
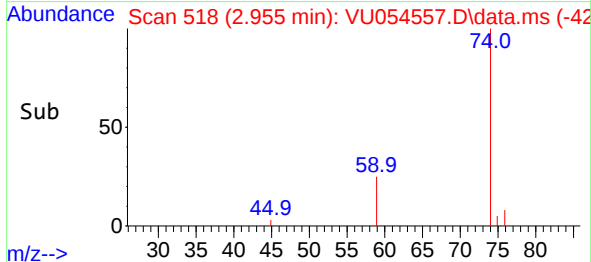
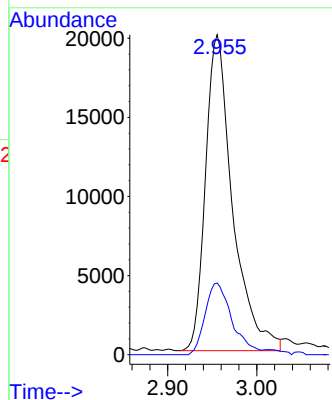
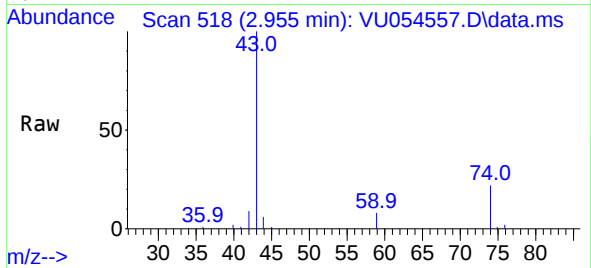




#15
Methyl Acetate
Concen: 4.984 ug/L
RT: 2.955 min Scan# 51
Delta R.T. -0.003 min
Lab File: VU054557.D
Acq: 16 Jun 2023 04:47

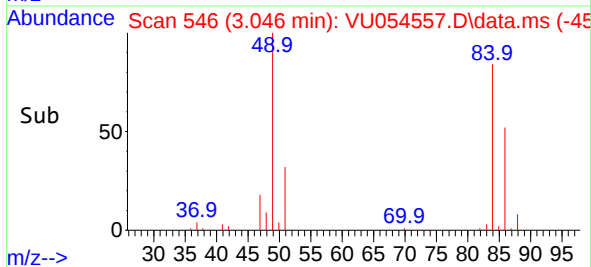
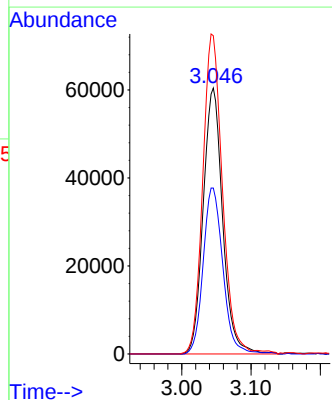
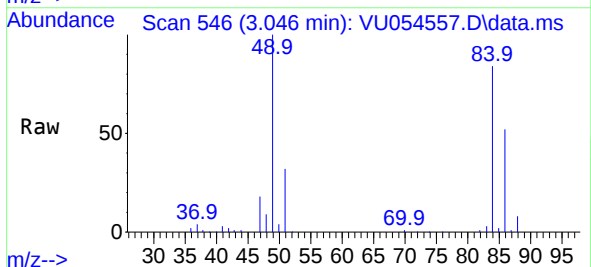
Instrument :
MSVOA_U
ClientSampleId :
VSTD005186

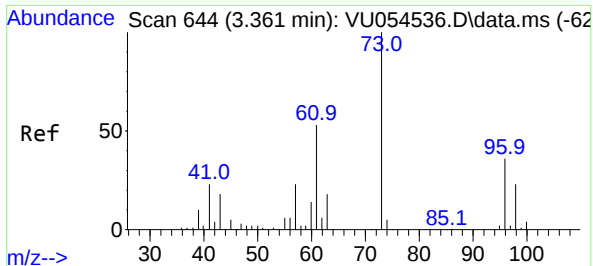
Tgt Ion: 43 Resp: 42235
Ion Ratio Lower Upper
43 100
74 22.6 19.0 28.6



#16
Methylene chloride
Concen: 4.256 ug/L
RT: 3.046 min Scan# 546
Delta R.T. -0.000 min
Lab File: VU054557.D
Acq: 16 Jun 2023 04:47

Tgt Ion: 84 Resp: 117649
Ion Ratio Lower Upper
84 100
86 62.4 43.9 81.5
49 119.7 86.1 159.9





#17

Methyl tert-butyl Ether

Concen: 5.139 ug/L

RT: 3.361 min Scan# 644

Delta R.T. -0.000 min

Lab File: VU054557.D

Acq: 16 Jun 2023 04:47

Instrument :

MSVOA_U

ClientSampleId :

VSTD005186

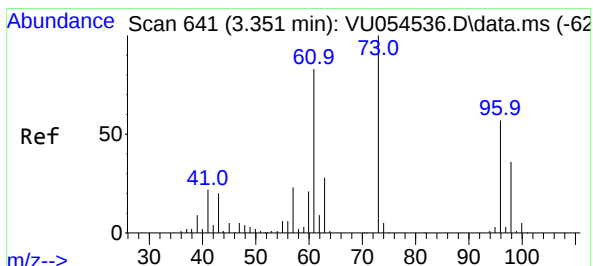
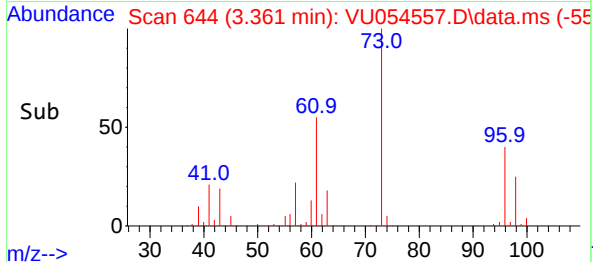
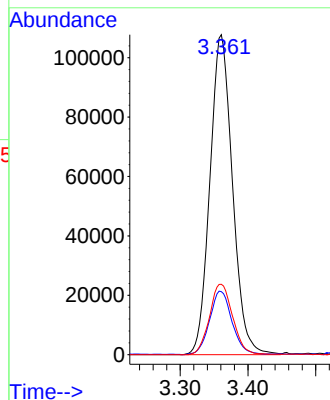
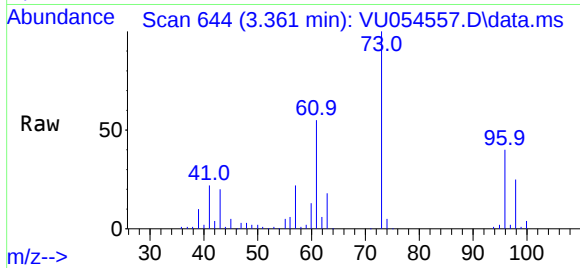
Tgt Ion: 73 Resp: 249358

Ion Ratio Lower Upper

73 100

43 19.8 15.7 23.5

57 22.6 18.6 28.0



#18

trans-1,2-Dichloroethene

Concen: 5.158 ug/L

RT: 3.351 min Scan# 641

Delta R.T. -0.000 min

Lab File: VU054557.D

Acq: 16 Jun 2023 04:47

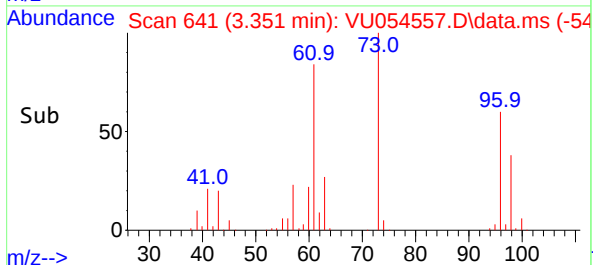
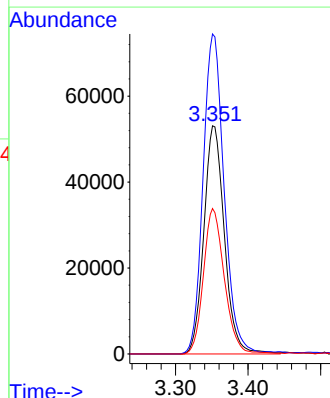
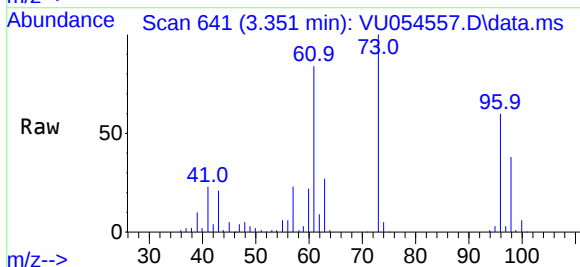
Tgt Ion: 96 Resp: 104687

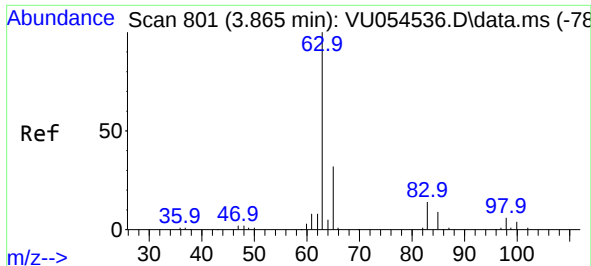
Ion Ratio Lower Upper

96 100

61 140.2 104.6 194.2

98 63.7 45.4 84.4

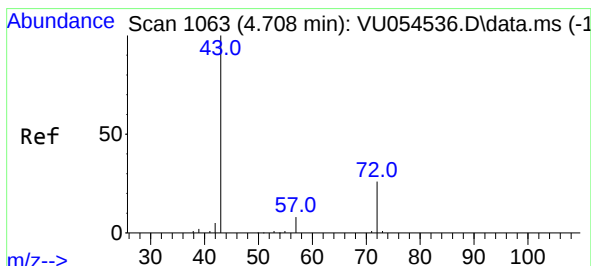
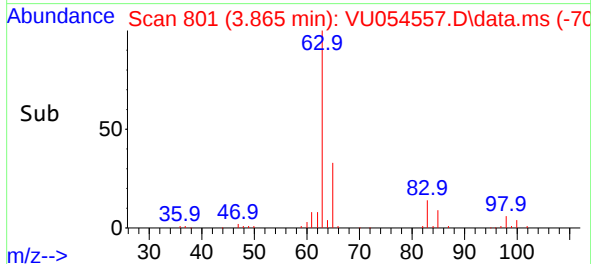
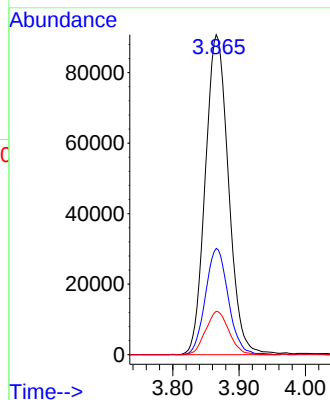
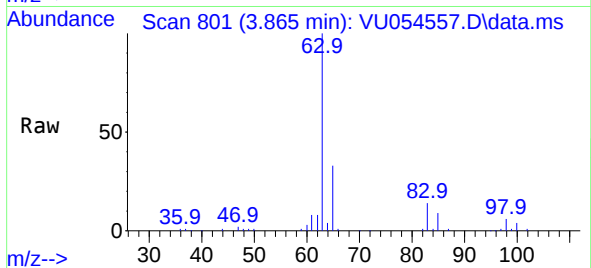




#19
1,1-Dichloroethane
Concen: 5.261 ug/L
RT: 3.865 min Scan# 801
Delta R.T. -0.000 min
Lab File: VU054557.D
Acq: 16 Jun 2023 04:47

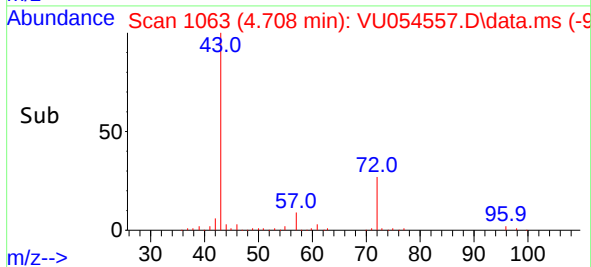
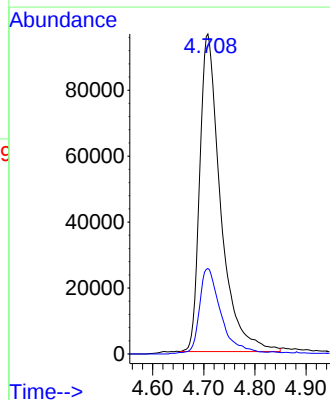
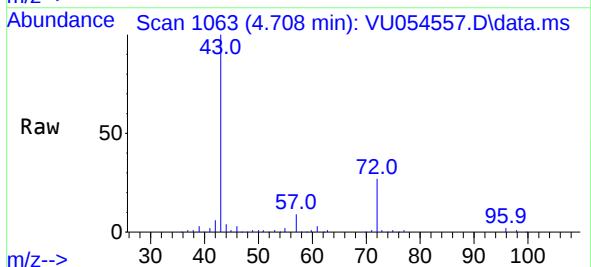
Instrument :
MSVOA_U
ClientSampleId :
VSTD005186

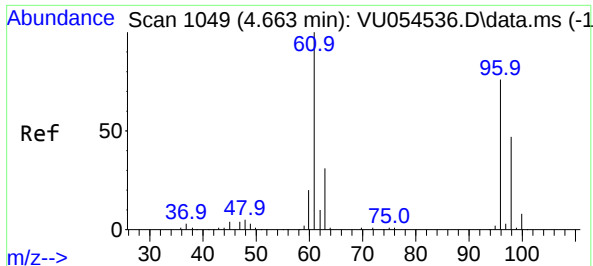
Tgt Ion: 63 Resp: 220983
Ion Ratio Lower Upper
63 100
65 33.2 22.2 41.2
83 13.5 9.0 16.6



#21
2-Butanone
Concen: 46.017 ug/L
RT: 4.708 min Scan# 1063
Delta R.T. -0.003 min
Lab File: VU054557.D
Acq: 16 Jun 2023 04:47

Tgt Ion: 43 Resp: 273081
Ion Ratio Lower Upper
43 100
72 28.0 13.4 40.1

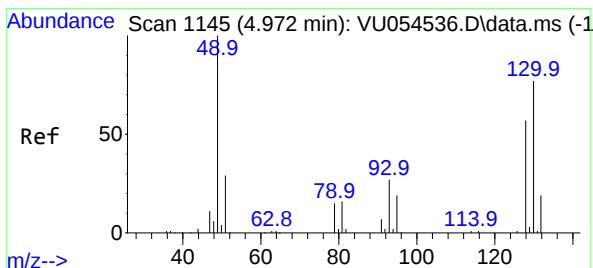
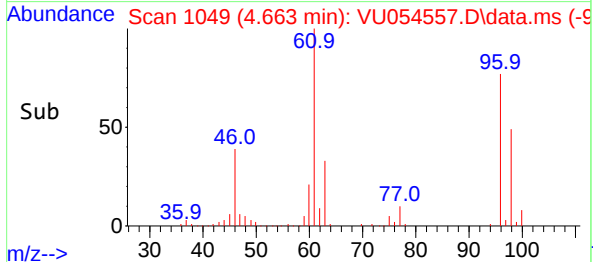
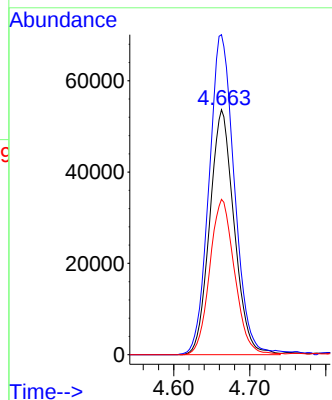
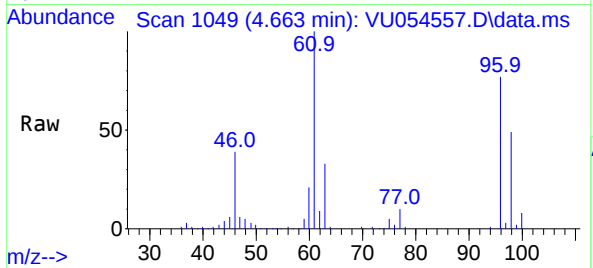




#22
cis-1,2-Dichloroethene
Concen: 5.188 ug/L
RT: 4.663 min Scan# 1049
Delta R.T. -0.000 min
Lab File: VU054557.D
Acq: 16 Jun 2023 04:47

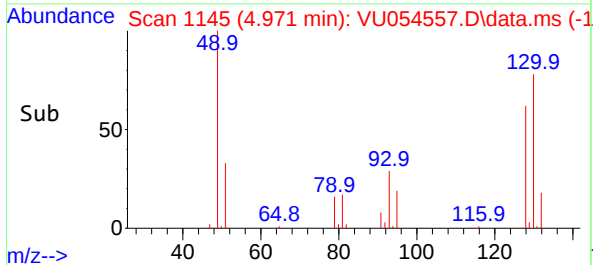
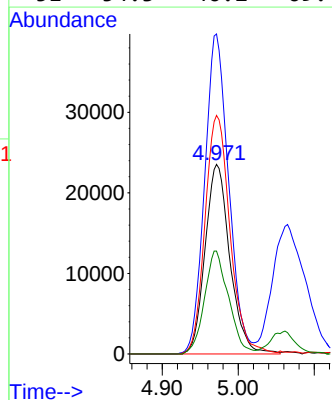
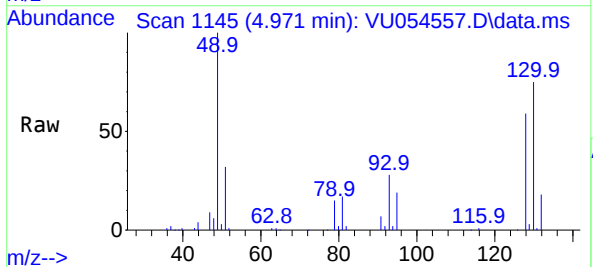
Instrument :
MSVOA_U
ClientSampleId :
VSTD005186

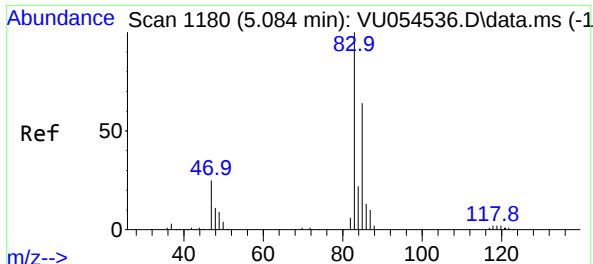
Tgt Ion: 96 Resp: 119907
Ion Ratio Lower Upper
96 100
61 130.7 96.5 179.1
98 63.4 44.9 83.3



#23
Bromochloromethane
Concen: 5.549 ug/L
RT: 4.971 min Scan# 1145
Delta R.T. -0.000 min
Lab File: VU054557.D
Acq: 16 Jun 2023 04:47

Tgt Ion:128 Resp: 53368
Ion Ratio Lower Upper
128 100
49 168.8 132.1 245.3
130 125.8 91.5 169.9
51 54.3 46.2 69.4





#25

Chloroform

Concen: 5.365 ug/L

RT: 5.084 min Scan# 1180

Delta R.T. -0.000 min

Lab File: VU054557.D

Acq: 16 Jun 2023 04:47

Instrument :

MSVOA_U

ClientSampleId :

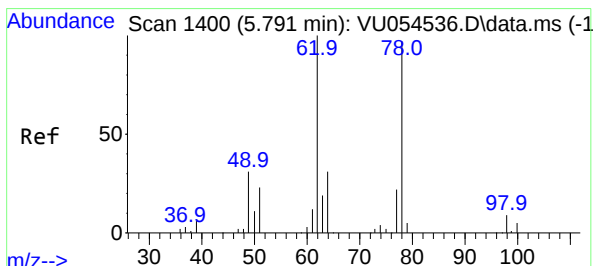
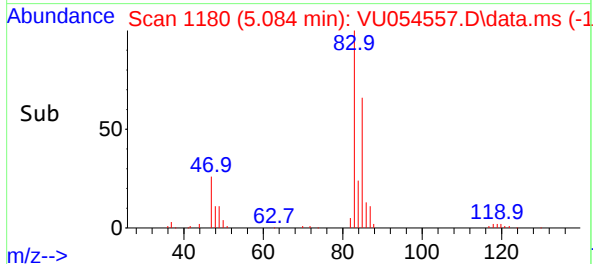
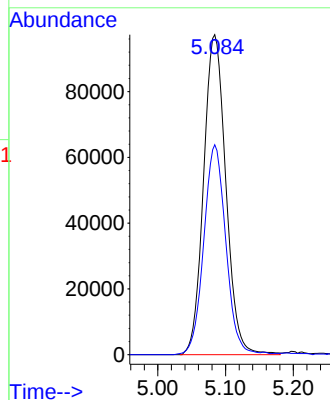
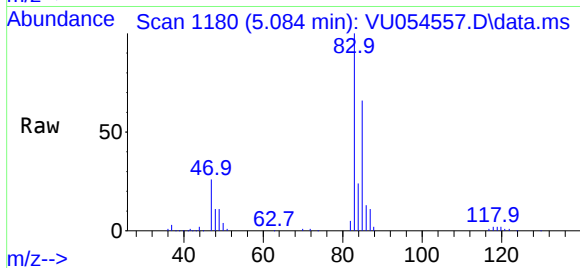
VSTD005186

Tgt Ion: 83 Resp: 222175

Ion Ratio Lower Upper

83 100

85 65.6 44.7 82.9



#27

1,2-Dichloroethane

Concen: 5.242 ug/L

RT: 5.791 min Scan# 1400

Delta R.T. -0.000 min

Lab File: VU054557.D

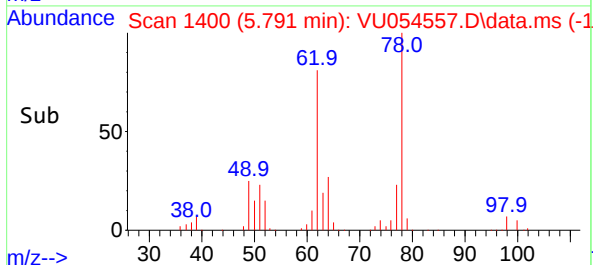
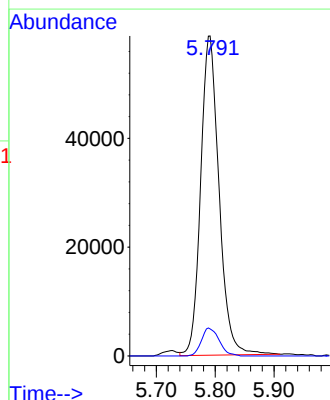
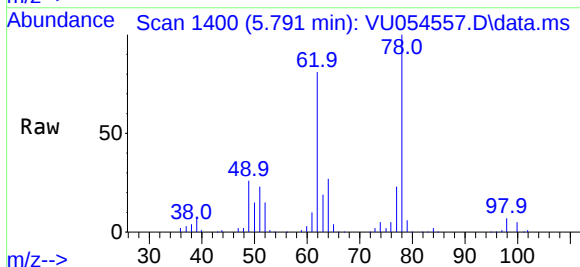
Acq: 16 Jun 2023 04:47

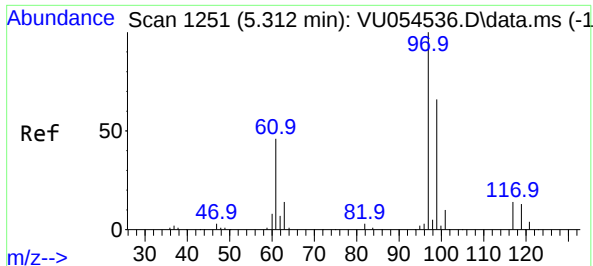
Tgt Ion: 62 Resp: 127239

Ion Ratio Lower Upper

62 100

98 8.4 7.8 11.6



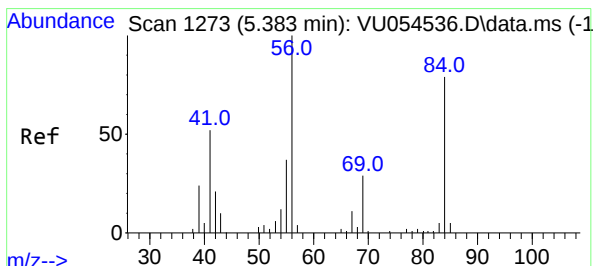
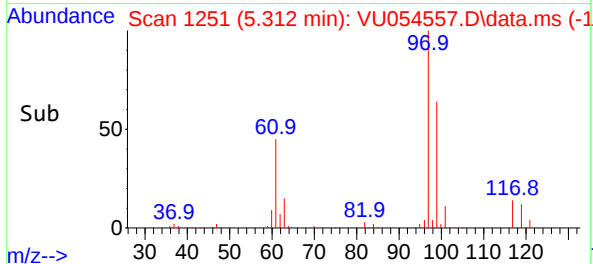
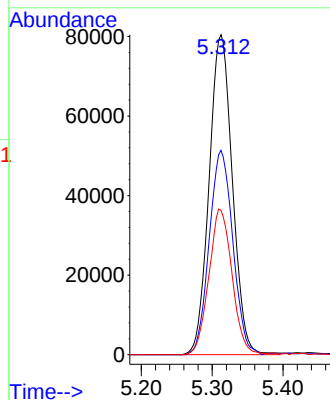
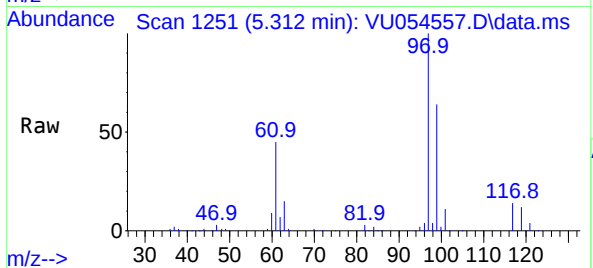


#29
1,1,1-Trichloroethane
Concen: 5.173 ug/L
RT: 5.312 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU054557.D
Acq: 16 Jun 2023 04:47

Instrument :
MSVOA_U
ClientSampleId :
VSTD005186

Tgt Ion: 97 Resp: 183320

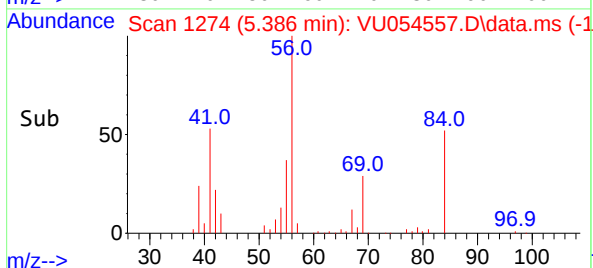
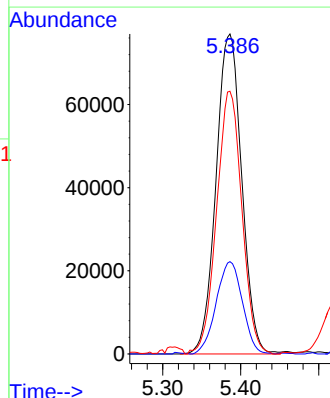
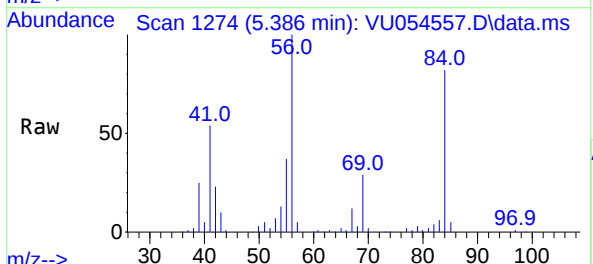
Ion	Ratio	Lower	Upper
97	100		
99	64.8	50.8	76.2
61	45.3	36.1	54.1

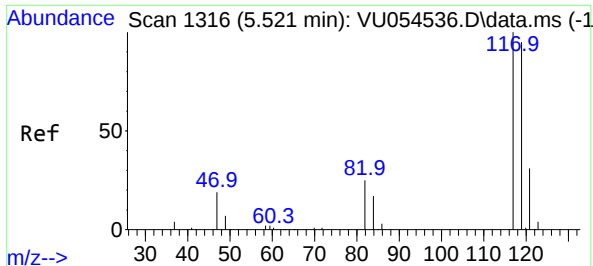


#30
Cyclohexane
Concen: 4.580 ug/L
RT: 5.386 min Scan# 1274
Delta R.T. 0.003 min
Lab File: VU054557.D
Acq: 16 Jun 2023 04:47

Tgt Ion: 56 Resp: 176812

Ion	Ratio	Lower	Upper
56	100		
69	29.3	23.9	35.9
84	80.6	63.0	94.6

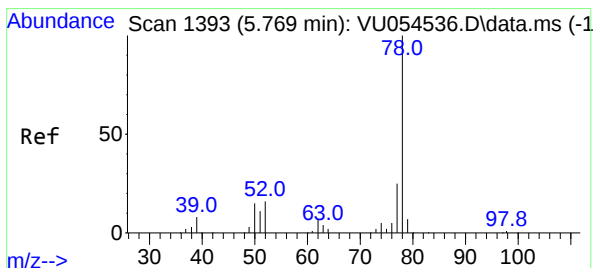
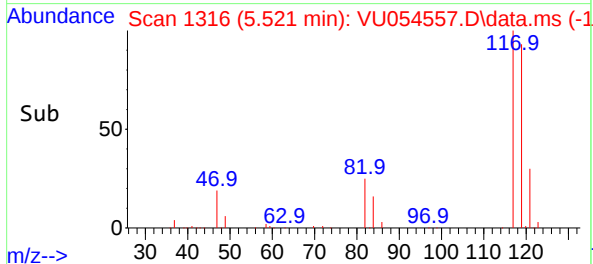
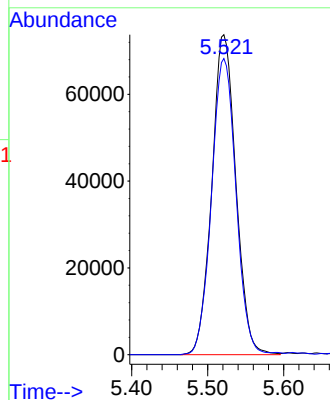
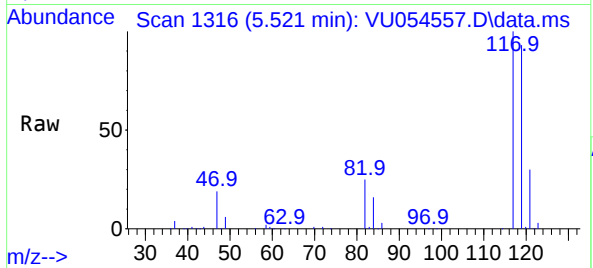




#31
Carbon tetrachloride
Concen: 5.302 ug/L
RT: 5.521 min Scan# 1316
Delta R.T. -0.000 min
Lab File: VU054557.D
Acq: 16 Jun 2023 04:47

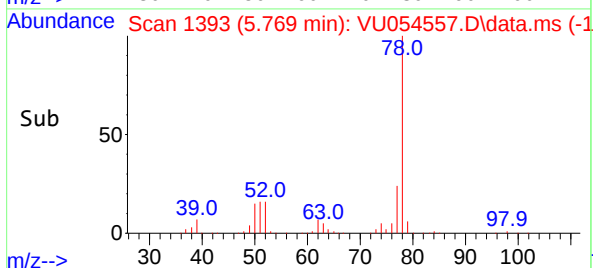
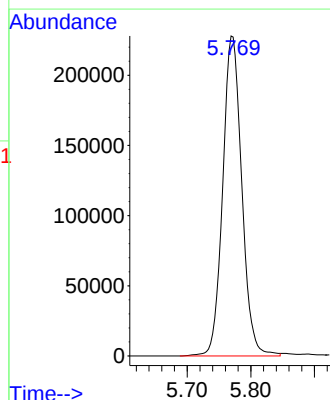
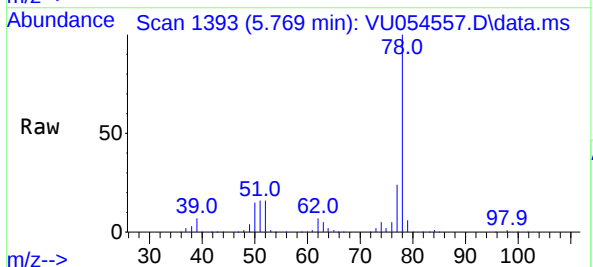
Instrument :
MSVOA_U
ClientSampleId :
VSTD005186

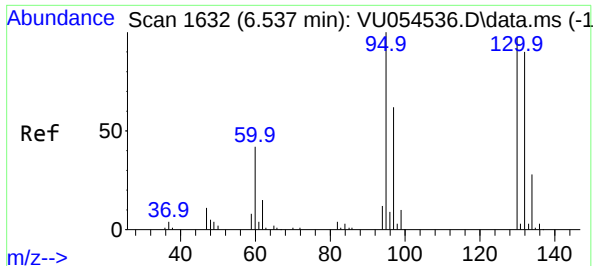
Tgt Ion:117 Resp: 161911
Ion Ratio Lower Upper
117 100
119 93.8 76.8 115.2



#33
Benzene
Concen: 5.057 ug/L
RT: 5.769 min Scan# 1393
Delta R.T. -0.003 min
Lab File: VU054557.D
Acq: 16 Jun 2023 04:47

Tgt Ion: 78 Resp: 474991

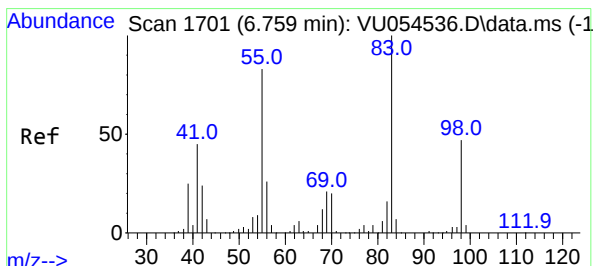
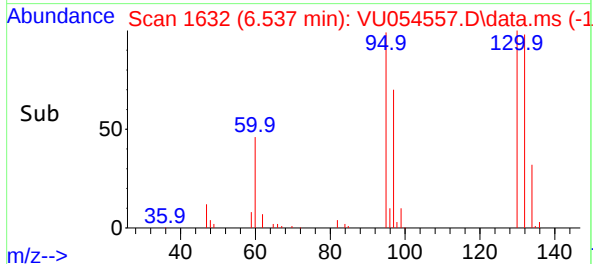
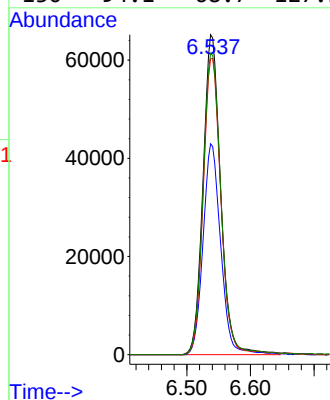
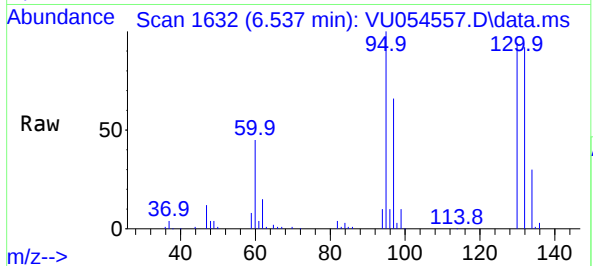




#34
Trichloroethene
Concen: 5.070 ug/L
RT: 6.537 min Scan# 1
Delta R.T. -0.003 min
Lab File: VU054557.D
Acq: 16 Jun 2023 04:47

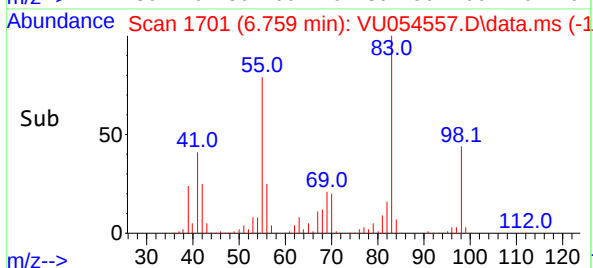
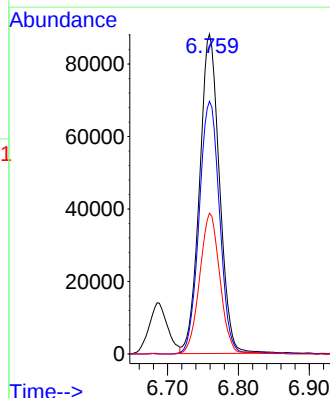
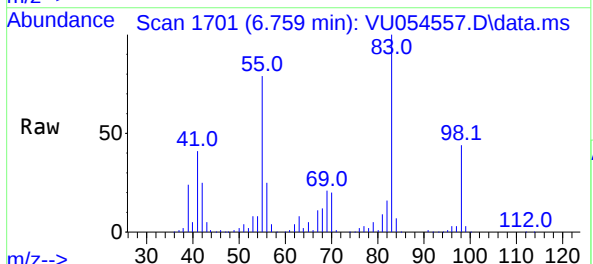
Instrument :
MSVOA_U
ClientSampleId :
VSTD005186

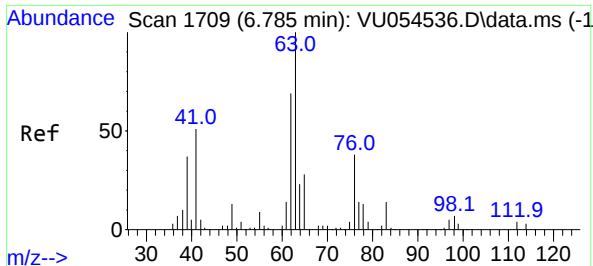
Tgt Ion: 95 Resp: 125943
Ion Ratio Lower Upper
95 100
97 65.9 46.8 87.0
132 92.5 68.4 127.0
130 94.1 68.7 127.5



#35
Methylcyclohexane
Concen: 4.589 ug/L
RT: 6.759 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VU054557.D
Acq: 16 Jun 2023 04:47

Tgt Ion: 83 Resp: 172305
Ion Ratio Lower Upper
83 100
55 80.8 67.1 100.7
98 44.5 35.1 52.7

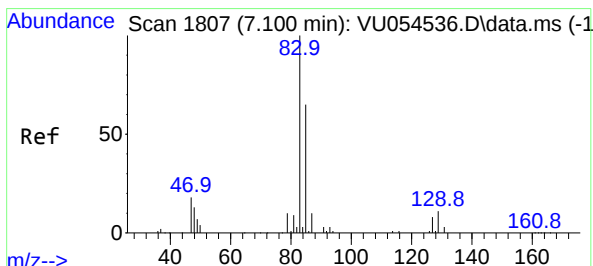
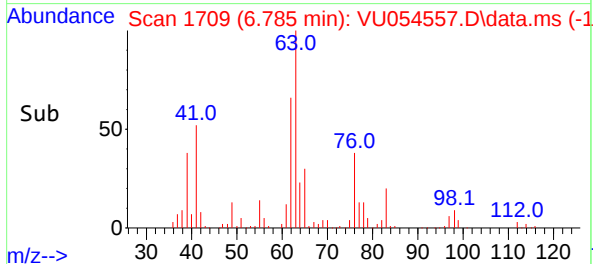
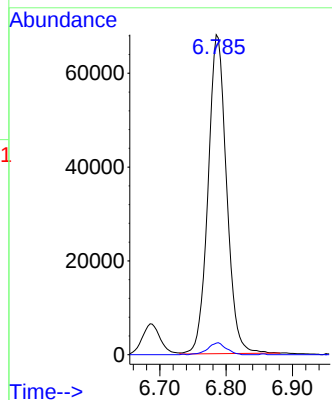
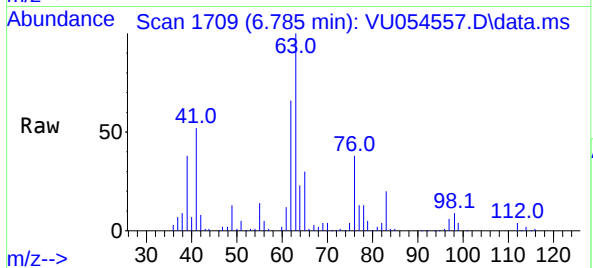




#37
1,2-Dichloropropane
Concen: 5.183 ug/L
RT: 6.785 min Scan# 1709
Delta R.T. -0.003 min
Lab File: VU054557.D
Acq: 16 Jun 2023 04:47

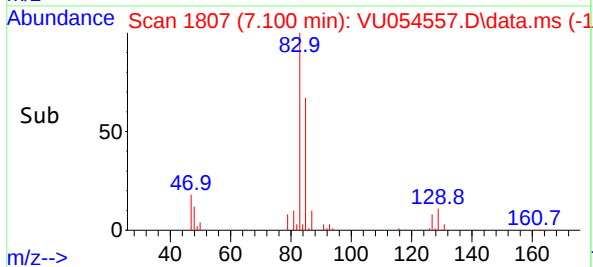
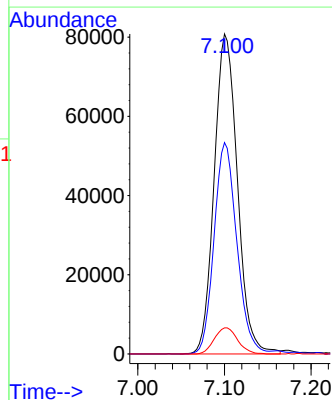
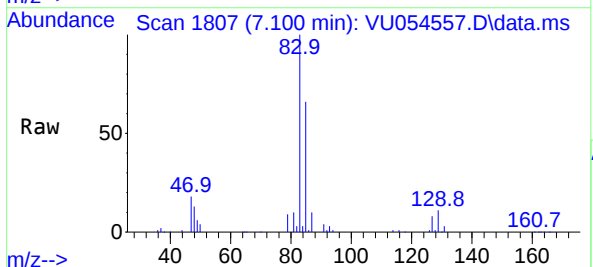
Instrument :
MSVOA_U
ClientSampleId :
VSTD005186

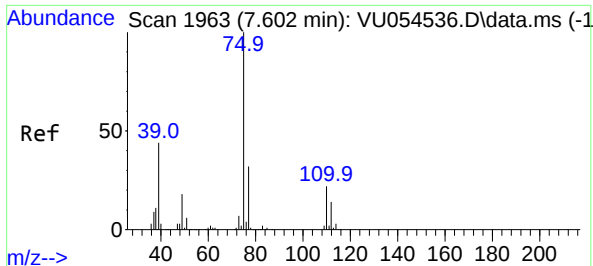
Tgt Ion: 63 Resp: 131636
Ion Ratio Lower Upper
63 100
112 3.7 3.0 4.6



#38
Bromodichloromethane
Concen: 5.235 ug/L
RT: 7.100 min Scan# 1807
Delta R.T. -0.003 min
Lab File: VU054557.D
Acq: 16 Jun 2023 04:47

Tgt Ion: 83 Resp: 150489
Ion Ratio Lower Upper
83 100
85 66.0 44.1 81.9
127 8.2 6.6 10.0

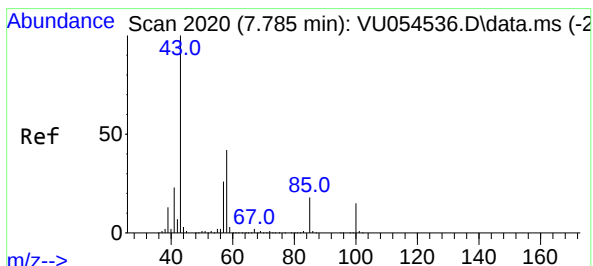
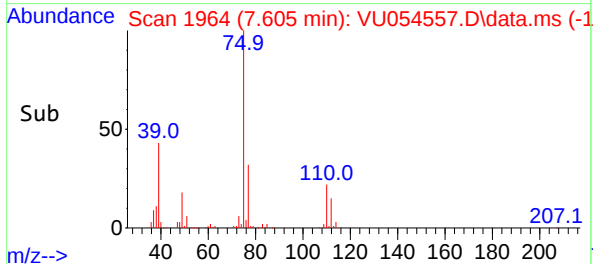
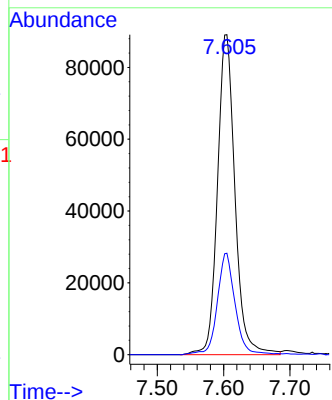
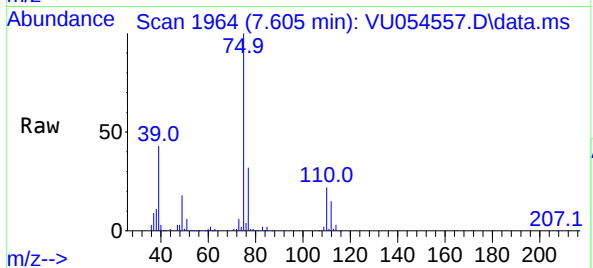




#39
cis-1,3-Dichloropropene
Concen: 4.707 ug/L
RT: 7.605 min Scan# 1963
Delta R.T. -0.000 min
Lab File: VU054557.D
Acq: 16 Jun 2023 04:47

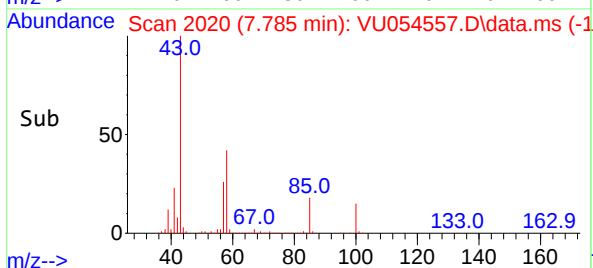
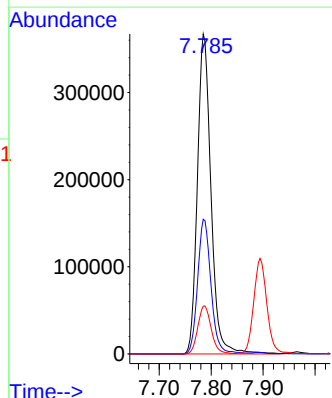
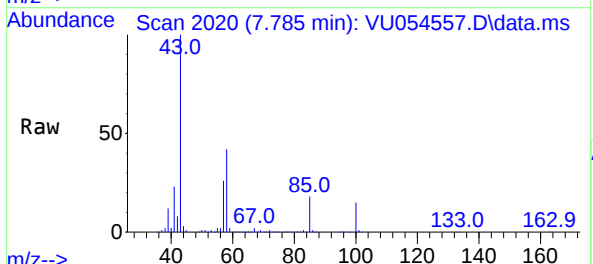
Instrument :
MSVOA_U
ClientSampleId :
VSTD005186

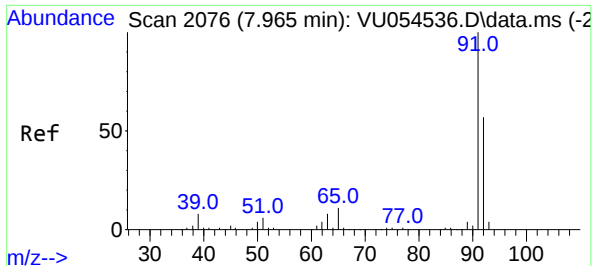
Tgt Ion: 75 Resp: 163225
Ion Ratio Lower Upper
75 100
77 31.7 22.3 41.5



#40
4-Methyl-2-pentanone
Concen: 49.214 ug/L
RT: 7.785 min Scan# 2020
Delta R.T. -0.003 min
Lab File: VU054557.D
Acq: 16 Jun 2023 04:47

Tgt Ion: 43 Resp: 667008
Ion Ratio Lower Upper
43 100
58 41.3 32.4 48.6
100 14.8 11.4 17.2





#42

Toluene

Concen: 5.160 ug/L

RT: 7.965 min Scan# 2076

Delta R.T. -0.000 min

Lab File: VU054557.D

Acq: 16 Jun 2023 04:47

Instrument :

MSVOA_U

ClientSampleId :

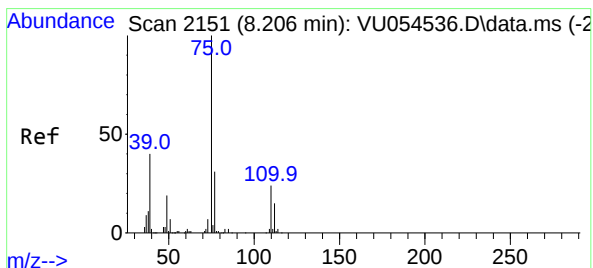
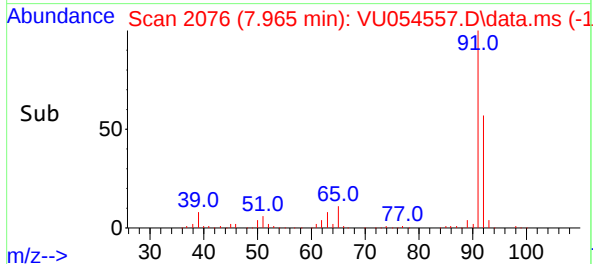
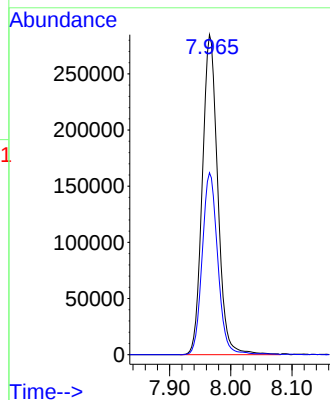
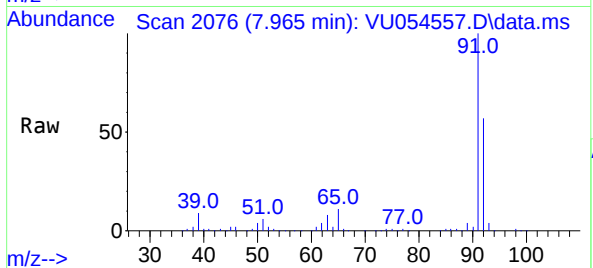
VSTD005186

Tgt Ion: 91 Resp: 499118

Ion Ratio Lower Upper

91 100

92 56.9 39.5 73.4



#44

trans-1,3-Dichloropropene

Concen: 4.834 ug/L

RT: 8.206 min Scan# 2151

Delta R.T. -0.000 min

Lab File: VU054557.D

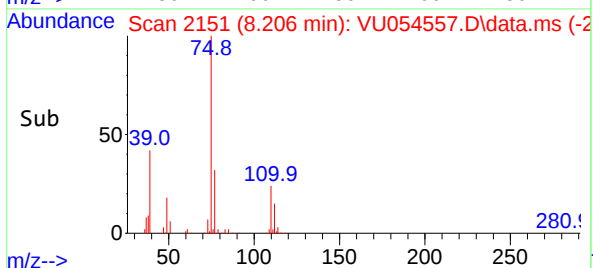
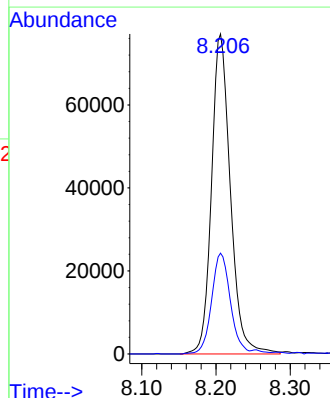
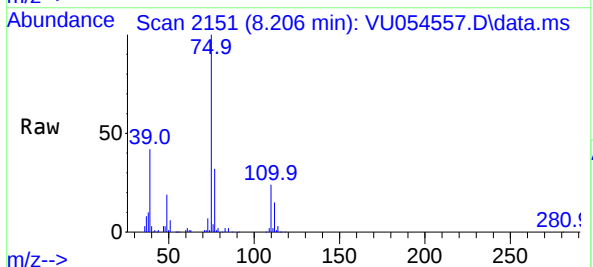
Acq: 16 Jun 2023 04:47

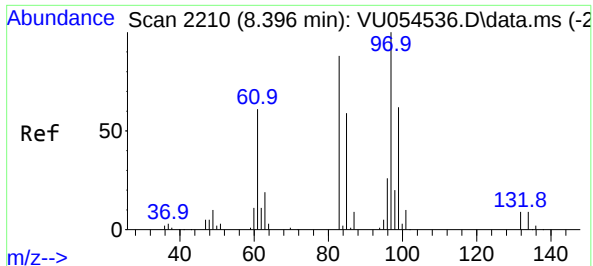
Tgt Ion: 75 Resp: 136036

Ion Ratio Lower Upper

75 100

77 31.5 21.3 39.6



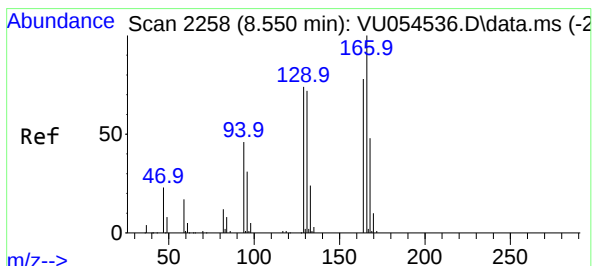
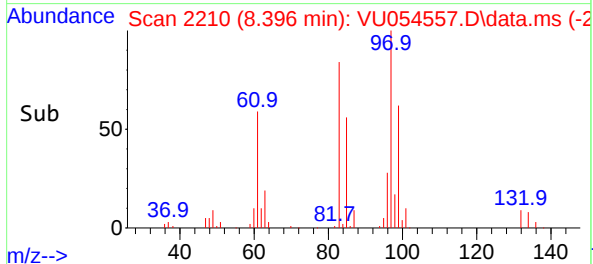
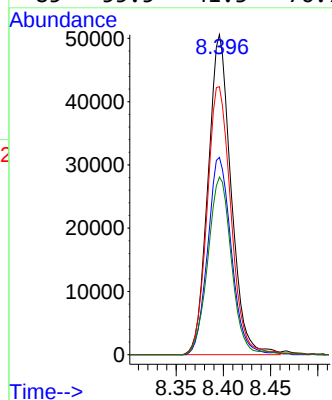
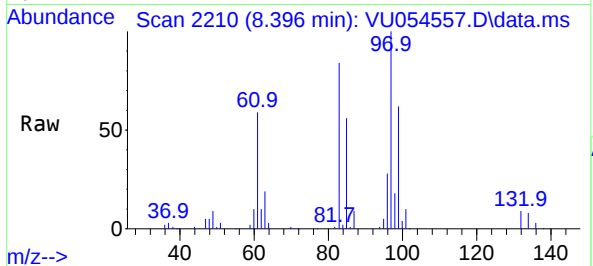


#45
1,1,2-Trichloroethane
Concen: 5.317 ug/L
RT: 8.396 min Scan# 2110
Delta R.T. -0.000 min
Lab File: VU054557.D
Acq: 16 Jun 2023 04:47

Instrument :
MSVOA_U
ClientSampleId :
VSTD005186

Tgt Ion: 97 Resp: 85905

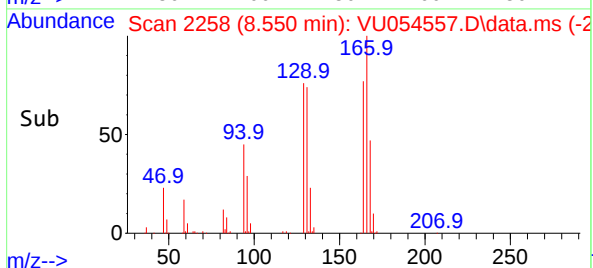
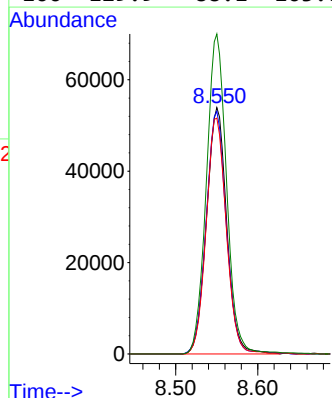
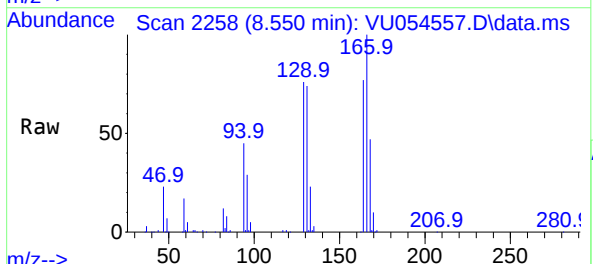
Ion	Ratio	Lower	Upper
97	100		
99	61.7	43.0	80.0
83	83.7	63.8	118.6
85	55.5	41.3	76.7

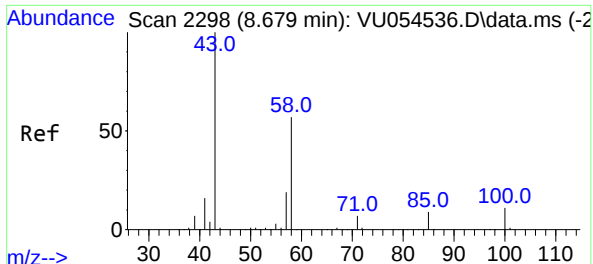


#47
Tetrachloroethene
Concen: 4.862 ug/L
RT: 8.550 min Scan# 2258
Delta R.T. -0.000 min
Lab File: VU054557.D
Acq: 16 Jun 2023 04:47

Tgt Ion: 164 Resp: 92437

Ion	Ratio	Lower	Upper
164	100		
129	98.4	67.7	125.7
131	95.7	64.6	120.0
166	129.9	88.1	163.7





#48

2-Hexanone

Concen: 47.942 ug/L

RT: 8.679 min Scan# 21

Delta R.T. -0.003 min

Lab File: VU054557.D

Acq: 16 Jun 2023 04:47

Instrument :

MSVOA_U

ClientSampleId :

VSTD005186

Tgt Ion: 43 Resp: 484149

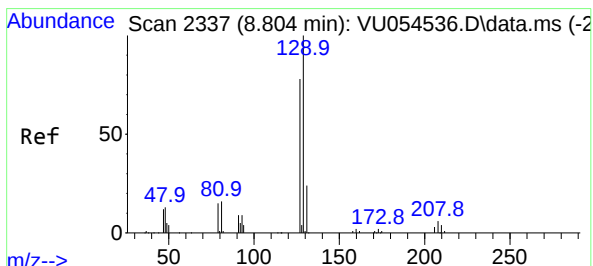
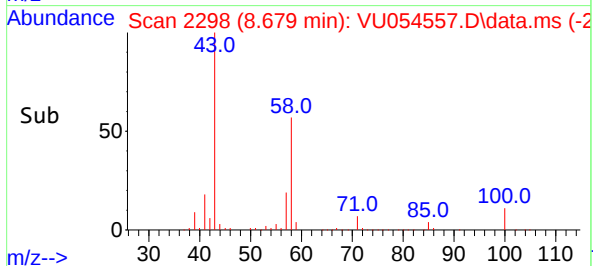
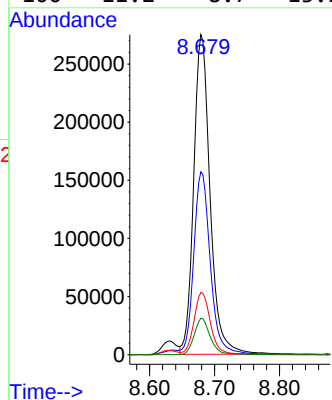
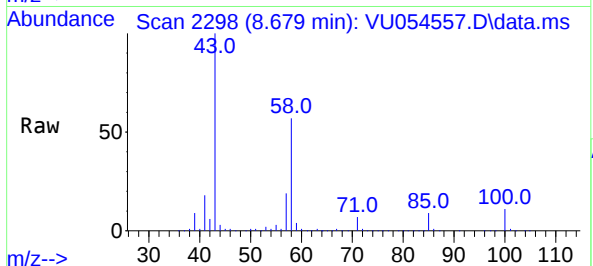
Ion Ratio Lower Upper

43 100

58 57.5 45.2 67.8

57 19.5 15.8 23.6

100 11.2 8.7 13.1



#49

Dibromochloromethane

Concen: 5.526 ug/L

RT: 8.804 min Scan# 2337

Delta R.T. -0.000 min

Lab File: VU054557.D

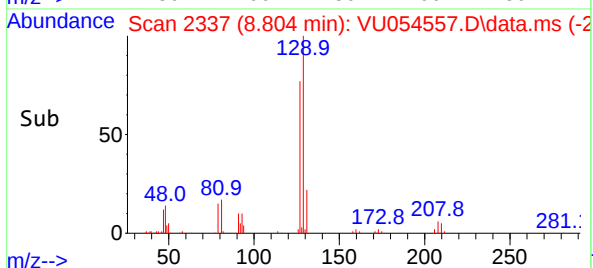
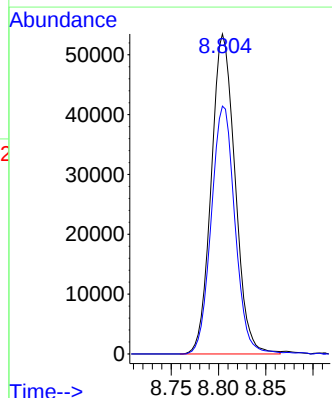
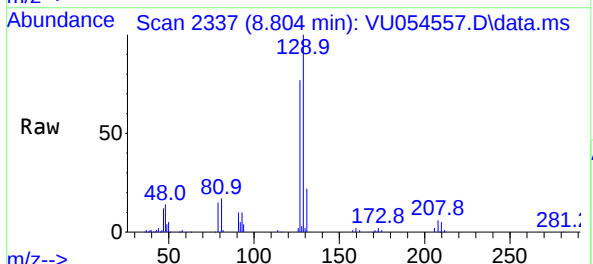
Acq: 16 Jun 2023 04:47

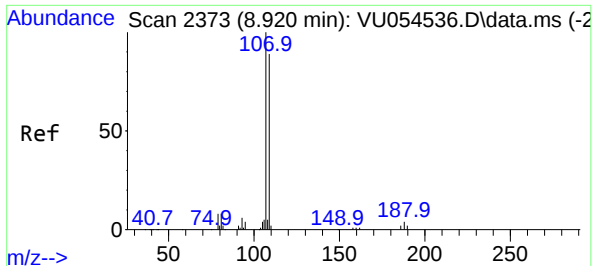
Tgt Ion:129 Resp: 93747

Ion Ratio Lower Upper

129 100

127 77.4 53.2 98.8

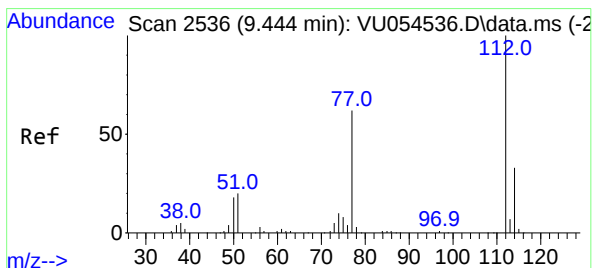
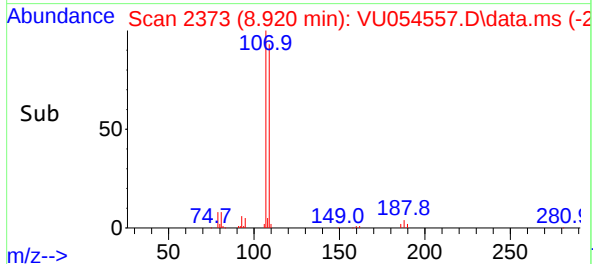
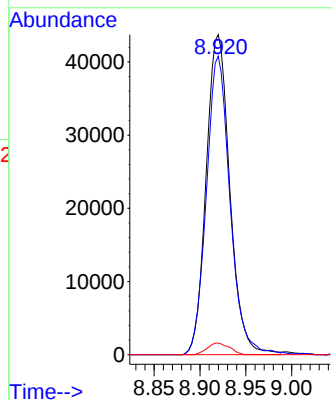
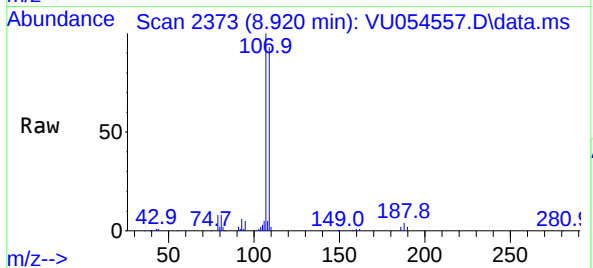




#50
1,2-Dibromoethane
Concen: 5.292 ug/L
RT: 8.920 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU054557.D
Acq: 16 Jun 2023 04:47

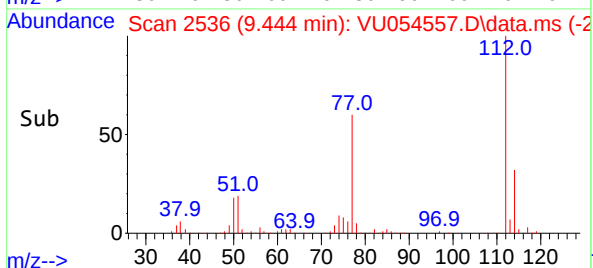
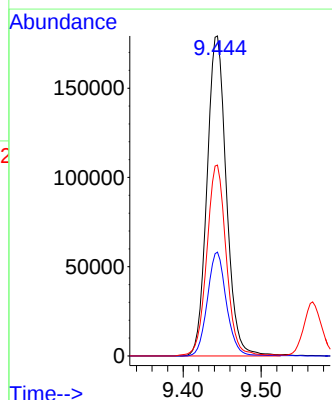
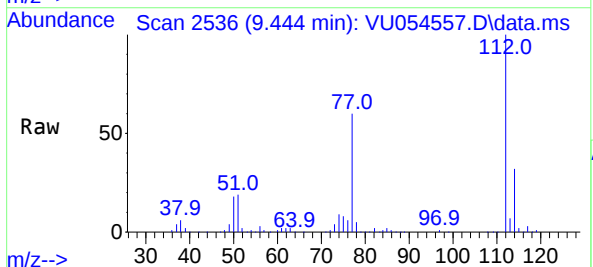
Instrument :
MSVOA_U
ClientSampleId :
VSTD005186

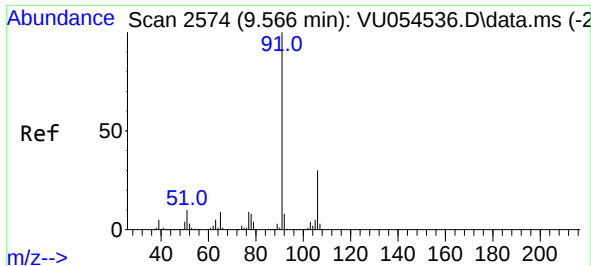
Tgt Ion:107 Resp: 78501
Ion Ratio Lower Upper
107 100
109 93.3 66.6 123.6
188 3.6 3.1 4.7



#51
Chlorobenzene
Concen: 5.127 ug/L
RT: 9.444 min Scan# 2536
Delta R.T. -0.000 min
Lab File: VU054557.D
Acq: 16 Jun 2023 04:47

Tgt Ion:112 Resp: 309166
Ion Ratio Lower Upper
112 100
114 32.5 22.7 42.1
77 59.6 49.8 74.8

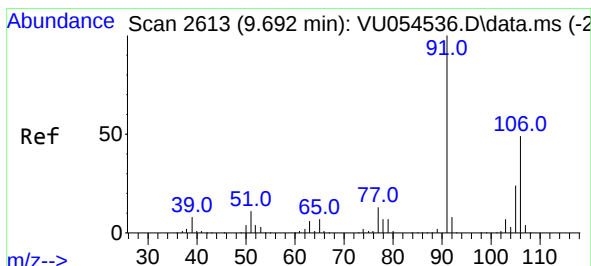
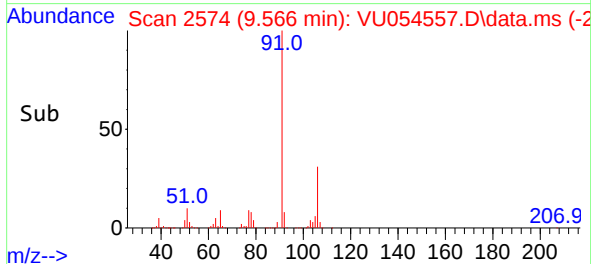
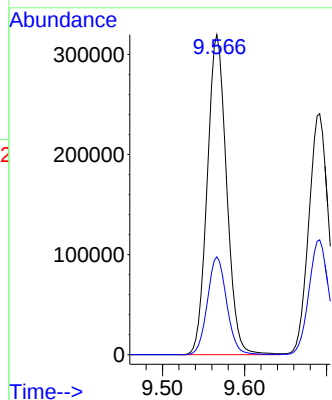
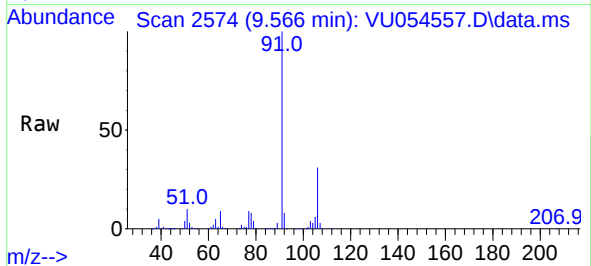




#52
Ethylbenzene
Concen: 4.951 ug/L
RT: 9.566 min Scan# 2574
Delta R.T. -0.000 min
Lab File: VU054557.D
Acq: 16 Jun 2023 04:47

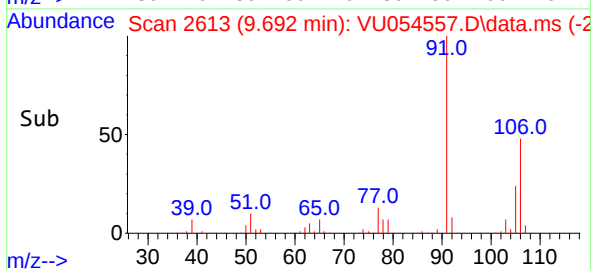
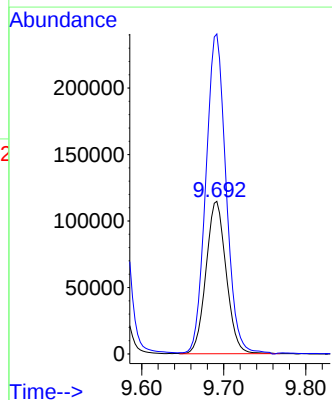
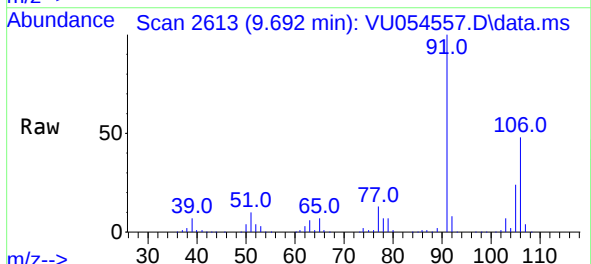
Instrument :
MSVOA_U
ClientSampleId :
VSTD005186

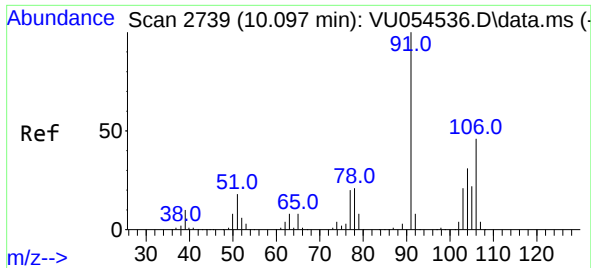
Tgt Ion: 91 Resp: 523019
Ion Ratio Lower Upper
91 100
106 30.6 21.1 39.3



#53
m,p-Xylene
Concen: 5.048 ug/L
RT: 9.692 min Scan# 2613
Delta R.T. -0.000 min
Lab File: VU054557.D
Acq: 16 Jun 2023 04:47

Tgt Ion:106 Resp: 195898
Ion Ratio Lower Upper
106 100
91 209.6 147.0 273.0

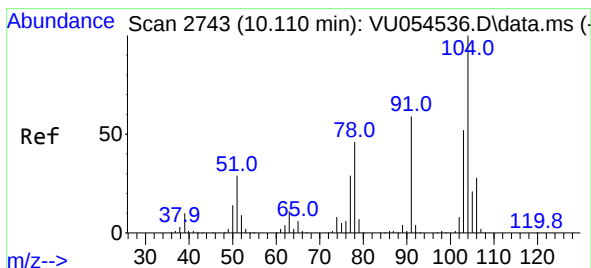
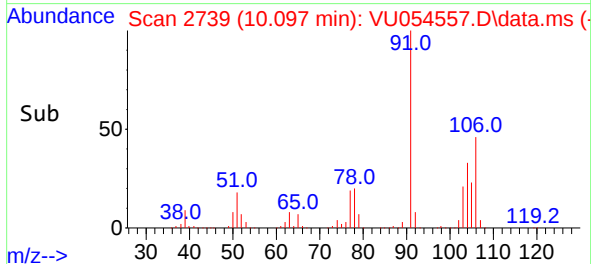
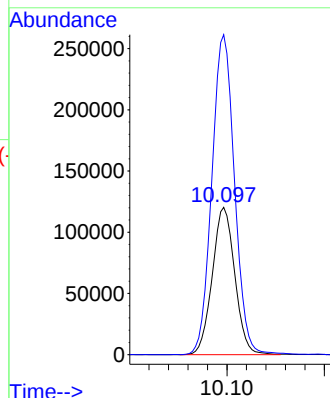
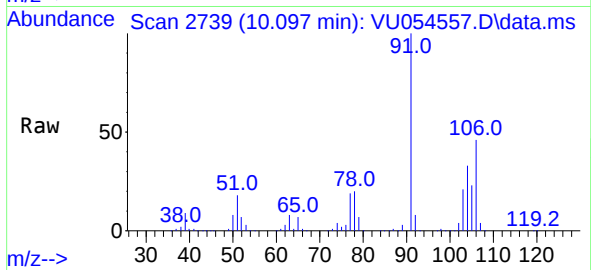




#54
o-Xylene
Concen: 5.147 ug/L
RT: 10.097 min Scan# 2739
Delta R.T. -0.000 min
Lab File: VU054557.D
Acq: 16 Jun 2023 04:47

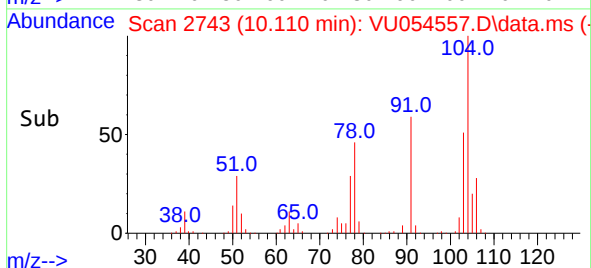
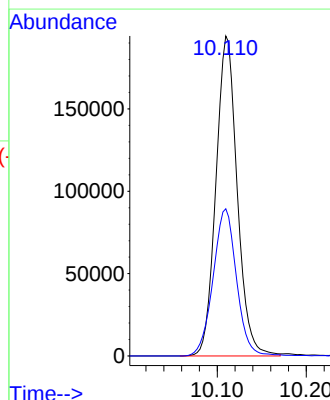
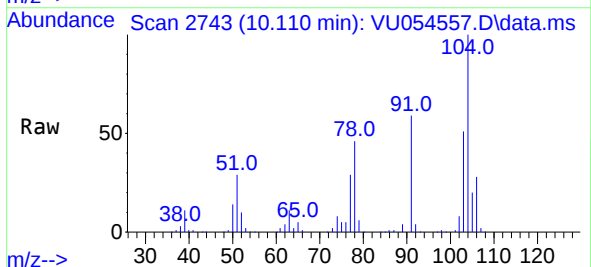
Instrument :
MSVOA_U
ClientSampleId :
VSTD005186

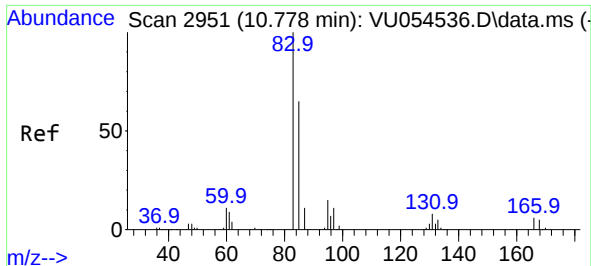
Tgt Ion:106 Resp: 193172
Ion Ratio Lower Upper
106 100
91 217.0 154.5 286.9



#55
Styrene
Concen: 5.125 ug/L
RT: 10.110 min Scan# 2743
Delta R.T. -0.000 min
Lab File: VU054557.D
Acq: 16 Jun 2023 04:47

Tgt Ion:104 Resp: 322842
Ion Ratio Lower Upper
104 100
78 46.0 33.0 61.4





#57

1,1,2,2-Tetrachloroethane

Concen: 5.171 ug/L

RT: 10.775 min Scan# 2951

Delta R.T. -0.003 min

Lab File: VU054557.D

Acq: 16 Jun 2023 04:47

Instrument :

MSVOA_U

ClientSampleId :

VSTD005186

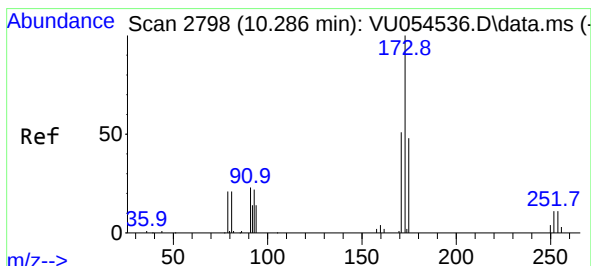
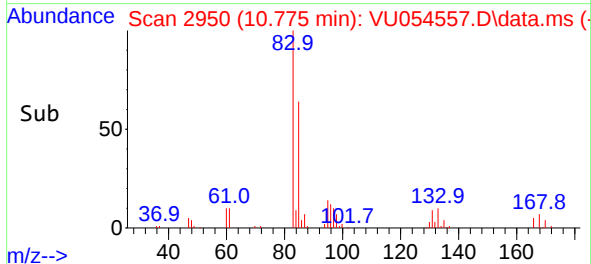
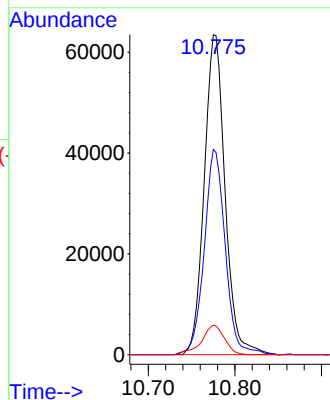
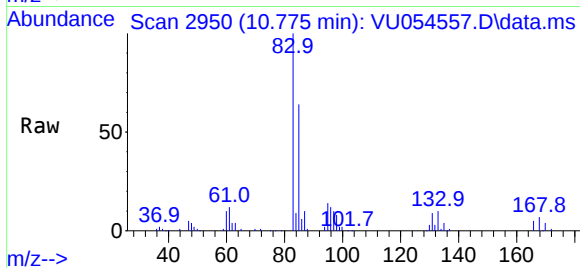
Tgt Ion: 83 Resp: 106112

Ion Ratio Lower Upper

83 100

85 64.1 44.2 82.2

131 9.2 7.0 10.6



#59

Bromoform

Concen: 5.728 ug/L

RT: 10.286 min Scan# 2798

Delta R.T. -0.000 min

Lab File: VU054557.D

Acq: 16 Jun 2023 04:47

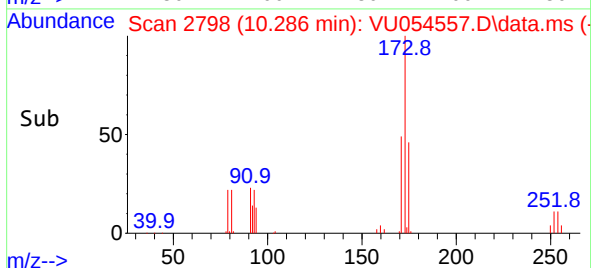
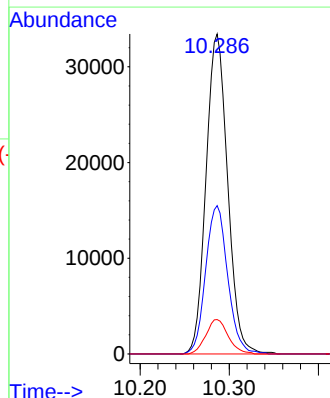
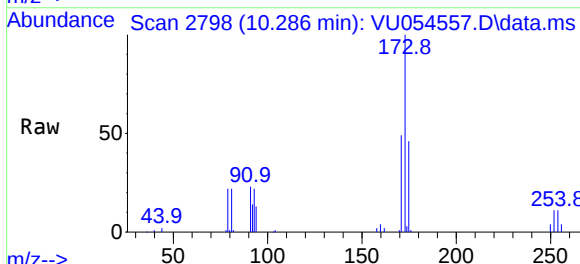
Tgt Ion:173 Resp: 56226

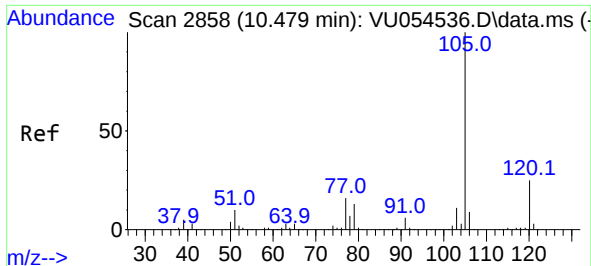
Ion Ratio Lower Upper

173 100

175 47.4 39.4 59.0

254 11.2 8.6 12.8

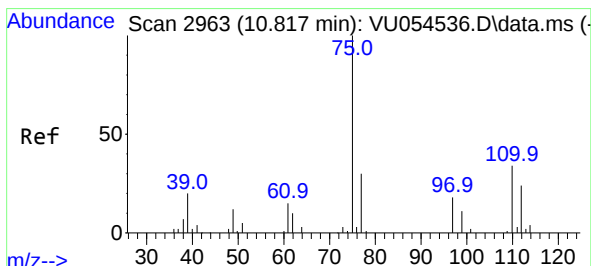
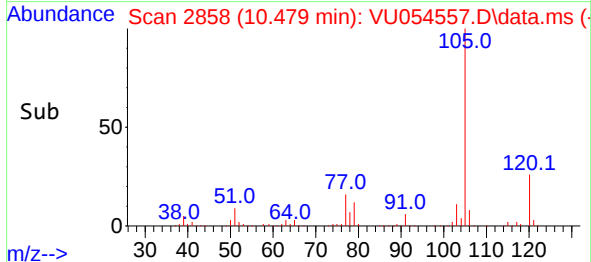
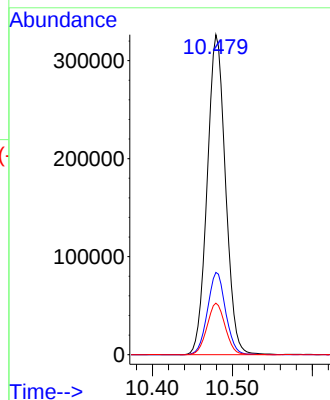
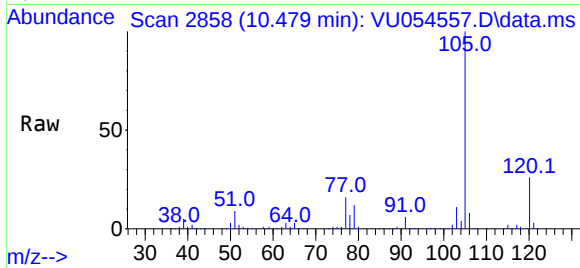




#60
Isopropylbenzene
Concen: 5.193 ug/L
RT: 10.479 min Scan# 2858
Delta R.T. -0.000 min
Lab File: VU054557.D
Acq: 16 Jun 2023 04:47

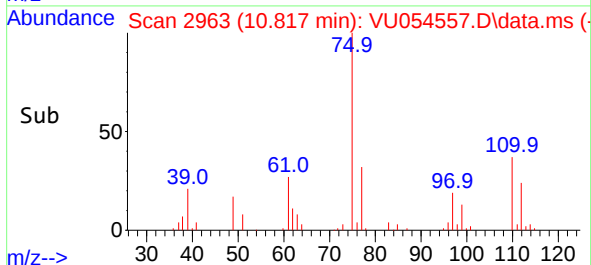
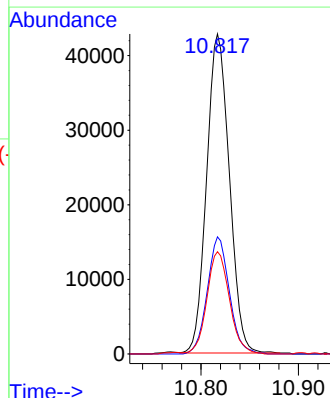
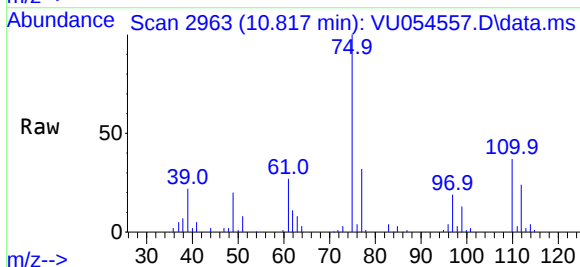
Instrument :
MSVOA_U
ClientSampleId :
VSTD005186

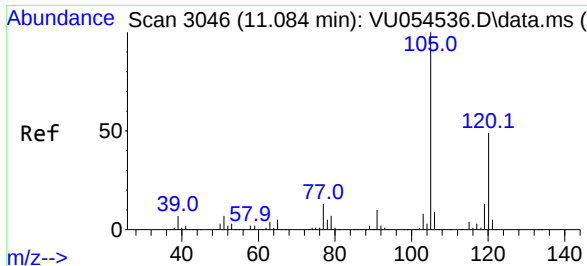
Tgt Ion:105 Resp: 519398
Ion Ratio Lower Upper
105 100
120 25.5 20.9 31.3
77 16.1 13.2 19.8



#61
1,2,3-Trichloropropane
Concen: 5.019 ug/L
RT: 10.817 min Scan# 2963
Delta R.T. -0.000 min
Lab File: VU054557.D
Acq: 16 Jun 2023 04:47

Tgt Ion: 75 Resp: 69361
Ion Ratio Lower Upper
75 100
110 35.6 28.0 42.0
77 31.8 25.4 38.2

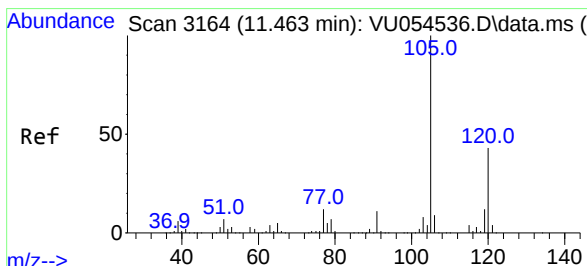
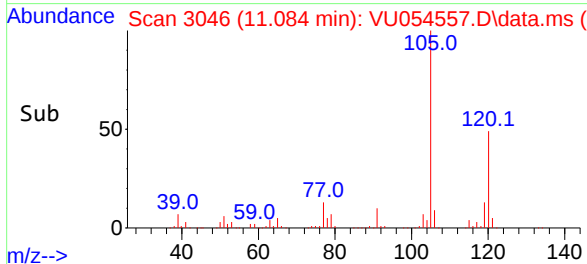
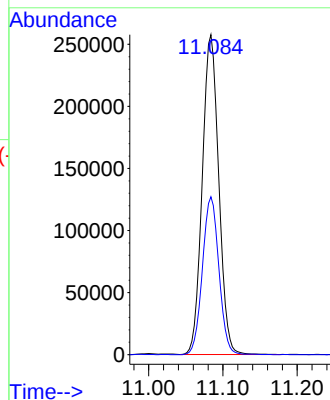
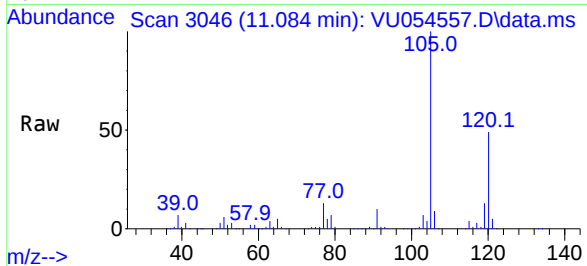




#62
1,3,5-Trimethylbenzene
Concen: 4.868 ug/L
RT: 11.084 min Scan# 3046
Delta R.T. -0.000 min
Lab File: VU054557.D
Acq: 16 Jun 2023 04:47

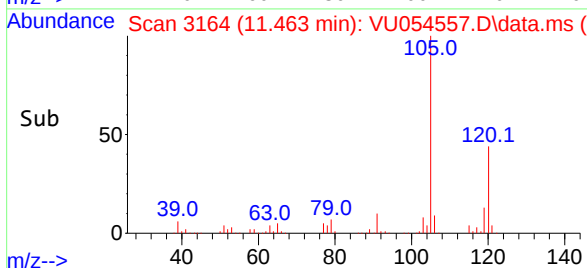
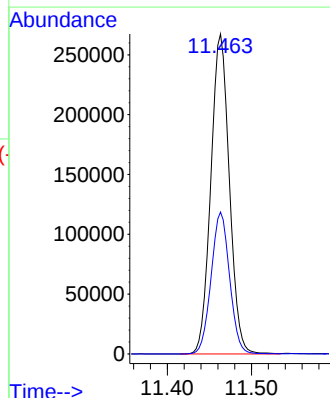
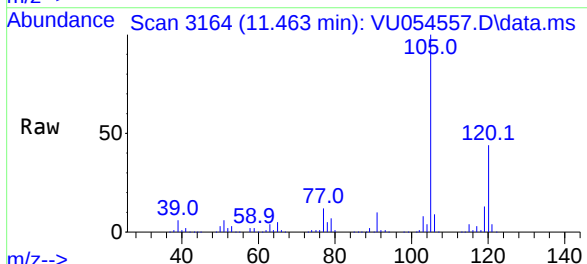
Instrument :
MSVOA_U
ClientSampleId :
VSTD005186

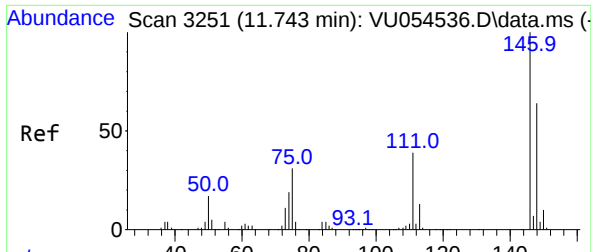
Tgt Ion:105 Resp: 397317
Ion Ratio Lower Upper
105 100
120 49.2 37.9 56.9



#63
1,2,4-Trimethylbenzene
Concen: 4.926 ug/L
RT: 11.463 min Scan# 3164
Delta R.T. -0.000 min
Lab File: VU054557.D
Acq: 16 Jun 2023 04:47

Tgt Ion:105 Resp: 408323
Ion Ratio Lower Upper
105 100
120 44.3 35.4 53.0

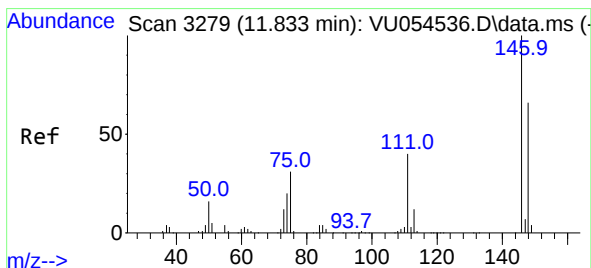
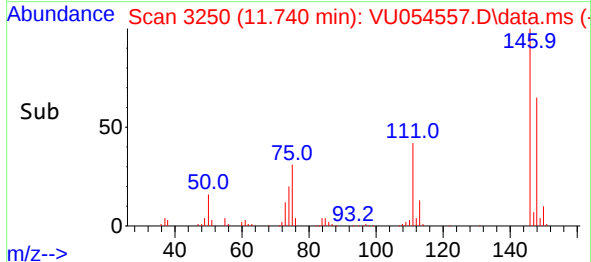
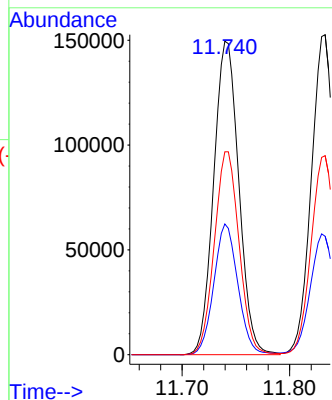
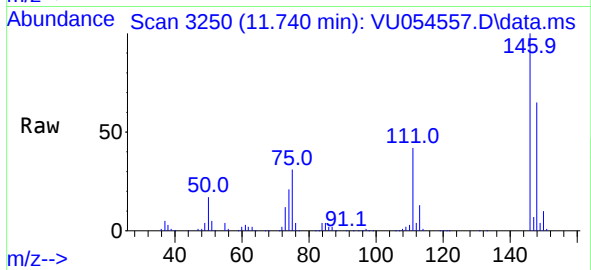




#64
1,3-Dichlorobenzene
Concen: 5.187 ug/L
RT: 11.740 min Scan# 31
Delta R.T. -0.003 min
Lab File: VU054557.D
Acq: 16 Jun 2023 04:47

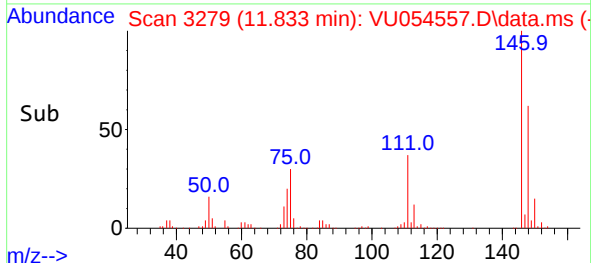
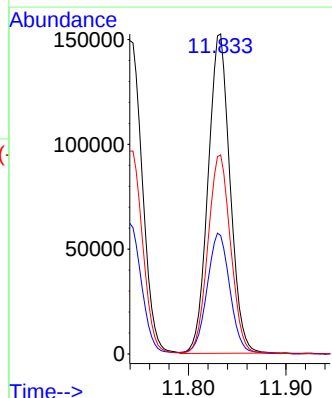
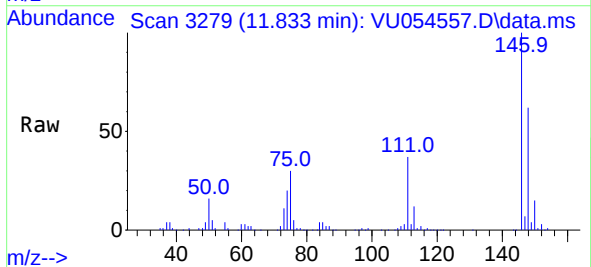
Instrument :
MSVOA_U
ClientSampleId :
VSTD005186

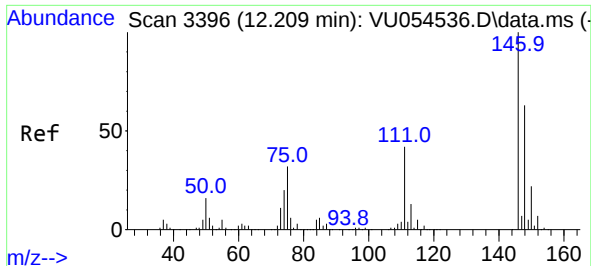
Tgt Ion:146 Resp: 242511
Ion Ratio Lower Upper
146 100
111 41.7 28.9 53.7
148 64.7 44.0 81.8



#65
1,4-Dichlorobenzene
Concen: 5.083 ug/L
RT: 11.833 min Scan# 3279
Delta R.T. -0.000 min
Lab File: VU054557.D
Acq: 16 Jun 2023 04:47

Tgt Ion:146 Resp: 238521
Ion Ratio Lower Upper
146 100
111 37.0 28.0 52.0
148 62.2 44.7 83.1





#67

1,2-Dichlorobenzene

Concen: 5.128 ug/L

RT: 12.206 min Scan# 31

Delta R.T. -0.000 min

Lab File: VU054557.D

Acq: 16 Jun 2023 04:47

Instrument :

MSVOA_U

ClientSampleId :

VSTD005186

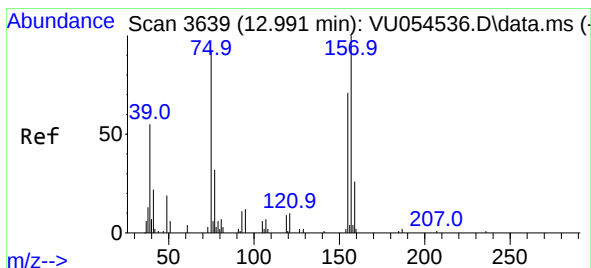
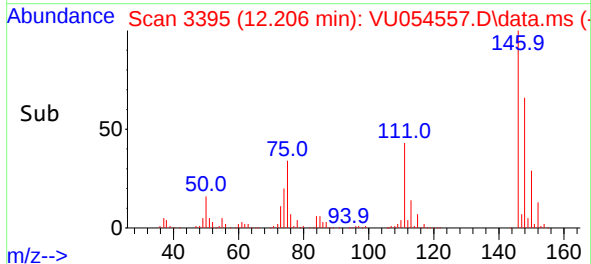
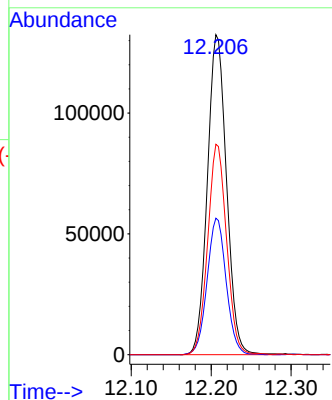
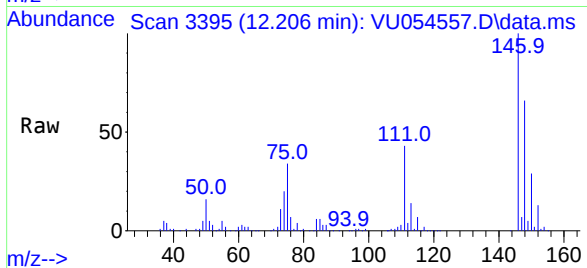
Tgt Ion:146 Resp: 220508

Ion Ratio Lower Upper

146 100

111 42.6 34.5 51.7

148 65.7 50.9 76.3



#68

1,2-Dibromo-3-chloropropane

Concen: 5.020 ug/L

RT: 12.990 min Scan# 3639

Delta R.T. -0.000 min

Lab File: VU054557.D

Acq: 16 Jun 2023 04:47

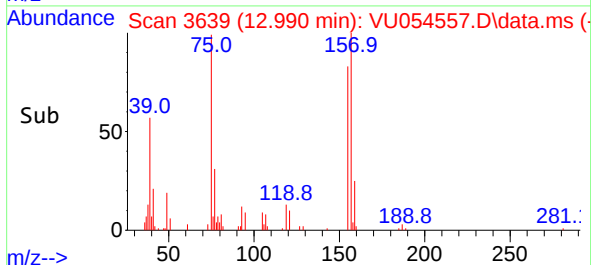
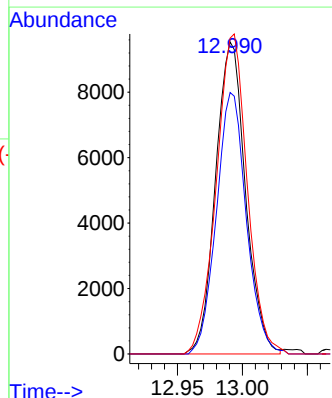
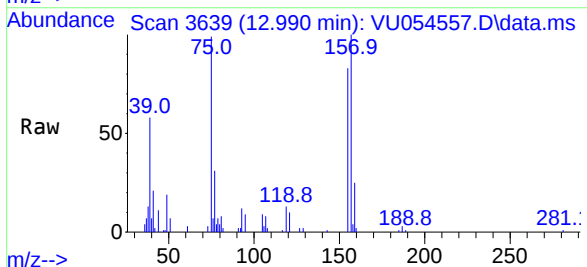
Tgt Ion: 75 Resp: 15245

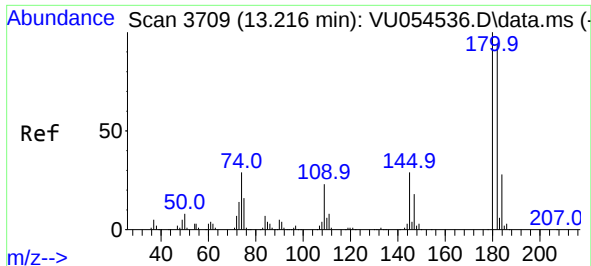
Ion Ratio Lower Upper

75 100

155 83.8 65.7 98.5

157 101.2 84.2 126.2



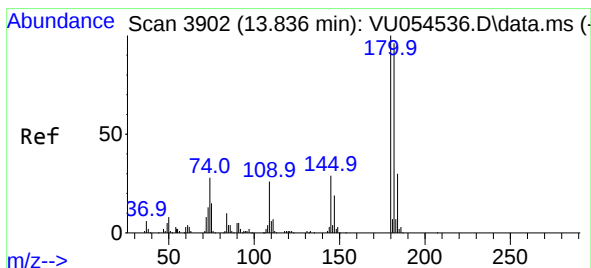
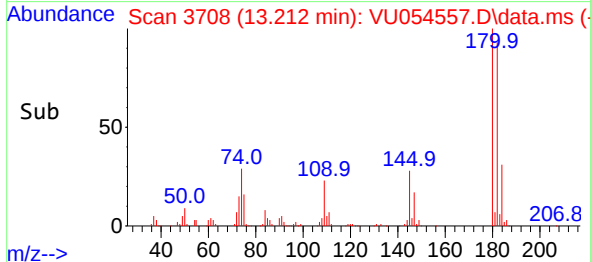
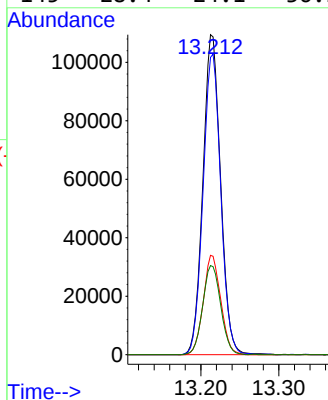
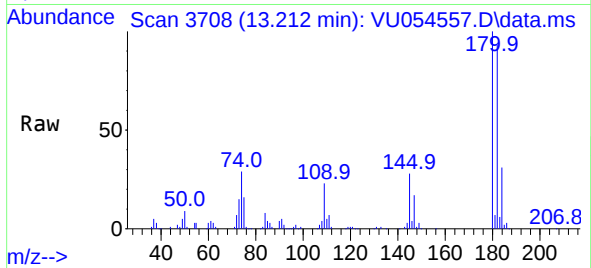


#69
1,3,5-Trichlorobenzene
Concen: 4.888 ug/L
RT: 13.212 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU054557.D
Acq: 16 Jun 2023 04:47

Instrument :
MSVOA_U
ClientSampleId :
VSTD005186

Tgt Ion:180 Resp: 172419

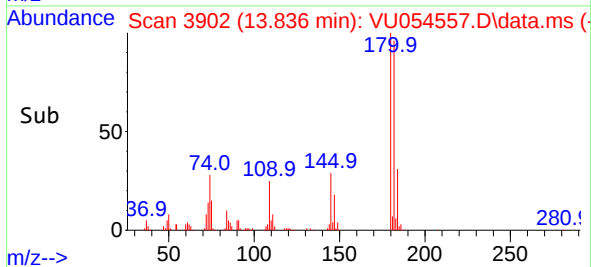
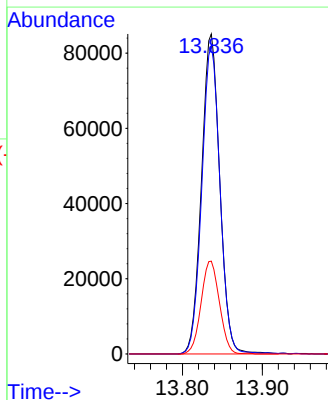
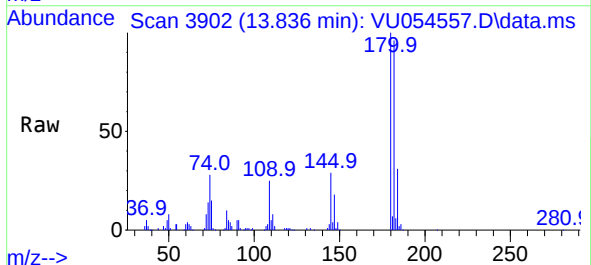
Ion	Ratio	Lower	Upper
180	100		
182	94.1	75.0	112.6
184	30.6	24.1	36.1
145	28.4	24.1	36.1

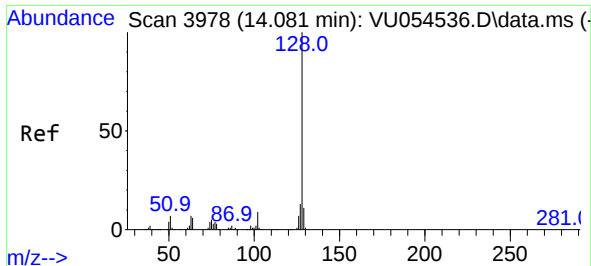


#70
1,2,4-trichlorobenzene
Concen: 4.645 ug/L
RT: 13.836 min Scan# 3902
Delta R.T. -0.000 min
Lab File: VU054557.D
Acq: 16 Jun 2023 04:47

Tgt Ion:180 Resp: 135488

Ion	Ratio	Lower	Upper
180	100		
182	95.7	76.6	114.8
145	29.0	24.0	36.0

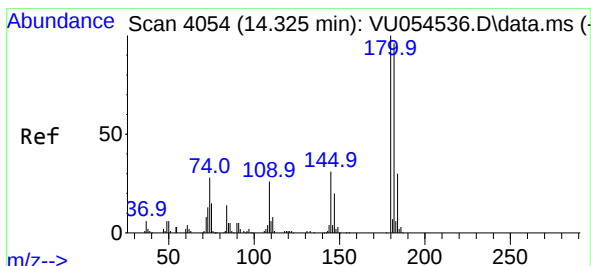
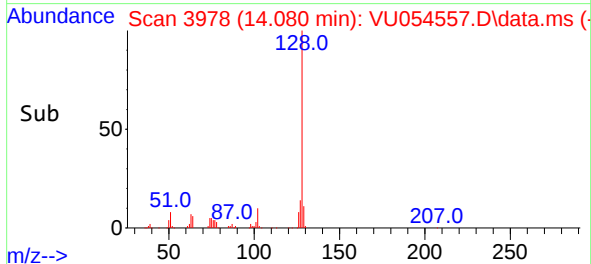
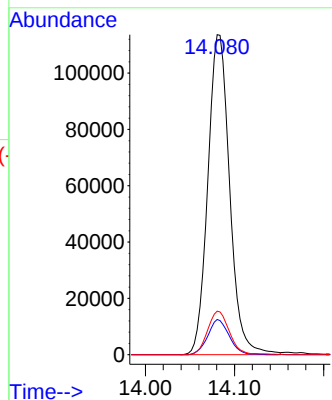
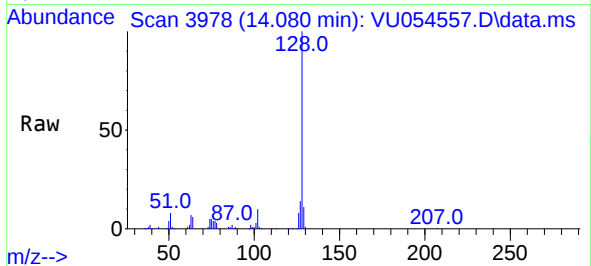




#71
Naphthalene
Concen: 4.078 ug/L
RT: 14.080 min Scan# 3978
Delta R.T. -0.000 min
Lab File: VU054557.D
Acq: 16 Jun 2023 04:47

Instrument :
MSVOA_U
ClientSampleId :
VSTD005186

Tgt Ion:128 Resp: 193431
Ion Ratio Lower Upper
128 100
129 10.7 8.6 12.8
127 13.6 10.6 15.8



#72
1,2,3-Trichlorobenzene
Concen: 4.660 ug/L
RT: 14.325 min Scan# 4054
Delta R.T. -0.000 min
Lab File: VU054557.D
Acq: 16 Jun 2023 04:47

Tgt Ion:180 Resp: 116772
Ion Ratio Lower Upper
180 100
182 98.2 75.4 113.2
145 31.0 26.0 39.0

