

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU060823\
 Data File : VU054434.D
 Acq On : 08 Jun 2023 10:09
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005175

Quant Time: Jun 09 05:22:37 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR060723WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jun 08 01:20:50 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	314985	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	299709	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	157470	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	91442	4.562	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.200%
7) Chloroethane-d5	1.914	69	85286	4.544	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.800%
11) 1,1-Dichloroethene-d2	2.567	65	41768	4.665	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	93.400%
20) 2-Butanone-d5	4.631	46	289945	51.444	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.880%
24) Chloroform-d	5.062	84	200854	4.793	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.800%
26) 1,2-Dichloroethane-d4	5.698	65	97692	4.783	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.600%
32) Benzene-d6	5.724	84	380436	4.566	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.400%
36) 1,2-Dichloropropane-d6	6.685	67	130343	4.685	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.600%
41) Toluene-d8	7.894	98	344400	4.658	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.200%
43) trans-1,3-Dichloroprop...	8.177	79	44631	4.613	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.200%
46) 2-Hexanone-d5	8.627	63	194293	47.865	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.720%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	97081	4.679	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.600%
66) 1,2-Dichlorobenzene-d4	12.187	152	125414	4.722	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	147661	5.017	ug/L	99
3) Chloromethane	1.518	50	170803	5.052	ug/L	100
5) Vinyl chloride	1.605	62	175927	5.069	ug/L	99
6) Bromomethane	1.859	94	98769	5.177	ug/L	96
8) Chloroethane	1.933	64	107010	5.144	ug/L	98
9) Trichlorofluoromethane	2.136	101	219940	5.155	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.579	101	129209	5.177	ug/L	98
12) 1,1-Dichloroethene	2.579	96	118024	5.166	ug/L	97
13) Acetone	2.644	43	346738	65.249	ug/L	99
14) Carbon disulfide	2.792	76	346160	5.109	ug/L	99
15) Methyl Acetate	2.956	43	51628	5.243	ug/L	98
16) Methylene chloride	3.046	84	138267	4.304	ug/L	96
17) Methyl tert-butyl Ether	3.361	73	296486	5.258	ug/L	99
18) trans-1,2-Dichloroethene	3.351	96	121164	5.137	ug/L	98
19) 1,1-Dichloroethane	3.866	63	252942	5.182	ug/L	98
21) 2-Butanone	4.708	43	412966	59.879	ug/L	99
22) cis-1,2-Dichloroethene	4.663	96	140572	5.233	ug/L	96
23) Bromochloromethane	4.972	128	57790	5.170	ug/L	97
25) Chloroform	5.084	83	244433	5.079	ug/L	100

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 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

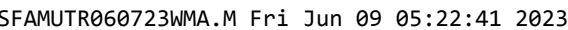
Instrument :
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 ClientSampleId :
 VSTD005175

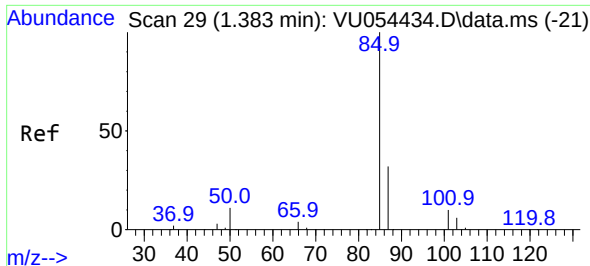
Quant Time: Jun 09 05:22:37 2023
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 Quant Title : TRACE VOA SFAM1.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.792	62	147162	5.217	ug/L	100
29) 1,1,1-Trichloroethane	5.312	97	208298	5.125	ug/L	100
30) Cyclohexane	5.386	56	228341	5.158	ug/L	100
31) Carbon tetrachloride	5.521	117	176209	5.032	ug/L	99
33) Benzene	5.772	78	550202	5.108	ug/L	100
34) Trichloroethene	6.537	95	143393	5.034	ug/L	95
35) Methylcyclohexane	6.759	83	222173	5.160	ug/L	99
37) 1,2-Dichloropropane	6.785	63	147526	5.065	ug/L	100
38) Bromodichloromethane	7.100	83	166327	5.045	ug/L	98
39) cis-1,3-Dichloropropene	7.605	75	210412	5.292	ug/L	100
40) 4-Methyl-2-pentanone	7.788	43	804202	51.744	ug/L	100
42) Toluene	7.965	91	580749	5.235	ug/L	99
44) trans-1,3-Dichloropropene	8.206	75	170065	5.270	ug/L	98
45) 1,1,2-Trichloroethane	8.396	97	95443	5.151	ug/L	99
47) Tetrachloroethene	8.550	164	109598	5.027	ug/L	98
48) 2-Hexanone	8.679	43	664080	57.345	ug/L	98
49) Dibromochloromethane	8.804	129	101192	5.202	ug/L	98
50) 1,2-Dibromoethane	8.920	107	88410	5.198	ug/L	100
51) Chlorobenzene	9.444	112	358847	5.190	ug/L	99
52) Ethylbenzene	9.566	91	631166	5.210	ug/L	100
53) m,p-Xylene	9.688	106	237638	5.340	ug/L	99
54) o-Xylene	10.097	106	229511	5.333	ug/L	99
55) Styrene	10.110	104	388727	5.382	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.775	83	120159	5.106	ug/L	99
59) Bromoform	10.287	173	58738	5.196	ug/L	99
60) Isopropylbenzene	10.479	105	629183	5.462	ug/L	99
61) 1,2,3-Trichloropropane	10.817	75	82499	5.184	ug/L	99
62) 1,3,5-Trimethylbenzene	11.084	105	509798	5.424	ug/L	100
63) 1,2,4-Trimethylbenzene	11.463	105	528763	5.539	ug/L	100
64) 1,3-Dichlorobenzene	11.740	146	295311	5.484	ug/L	99
65) 1,4-Dichlorobenzene	11.833	146	295680	5.471	ug/L	99
67) 1,2-Dichlorobenzene	12.209	146	265188	5.355	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.991	75	19149	5.476	ug/L	92
69) 1,3,5-Trichlorobenzene	13.216	180	228158	5.616	ug/L	99
70) 1,2,4-trichlorobenzene	13.836	180	207219	6.168	ug/L	98
71) Naphthalene	14.081	128	368395	6.744	ug/L	100
72) 1,2,3-Trichlorobenzene	14.325	180	186238	6.453	ug/L	100

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

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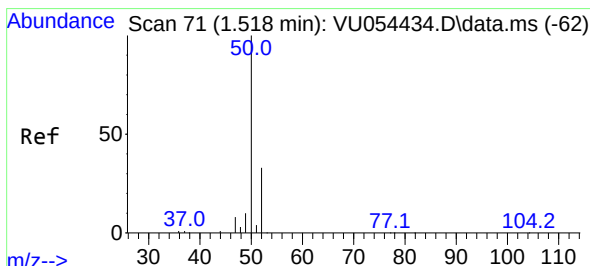
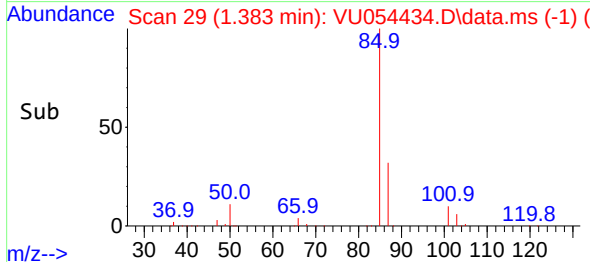
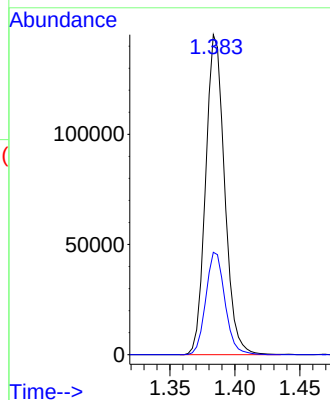
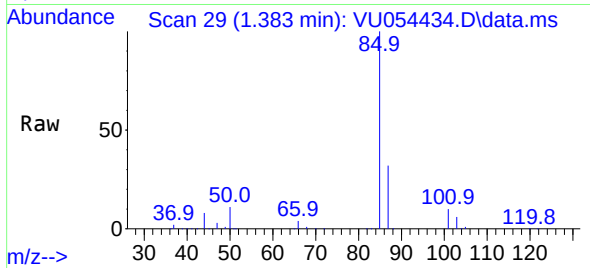




#2
Dichlorodifluoromethane
Concen: 5.017 ug/L
RT: 1.383 min Scan# 29
Delta R.T. 0.000 min
Lab File: VU054434.D
Acq: 08 Jun 2023 10:09

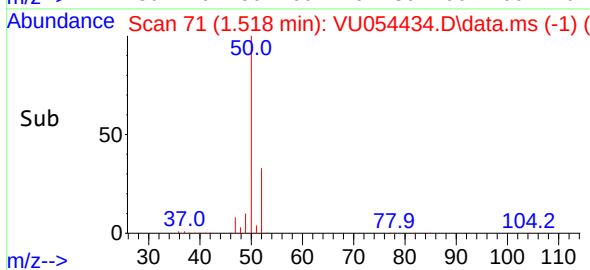
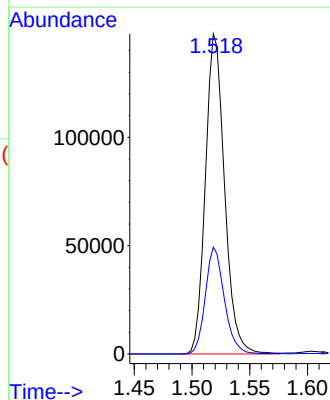
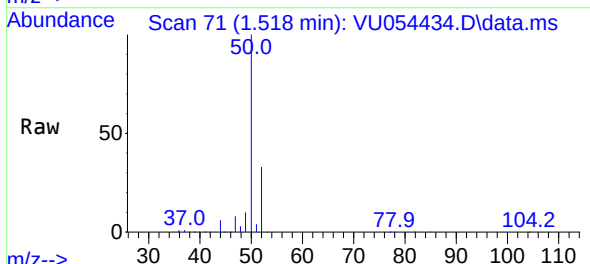
Instrument :
MSVOA_U
ClientSampleId :
VSTD005175

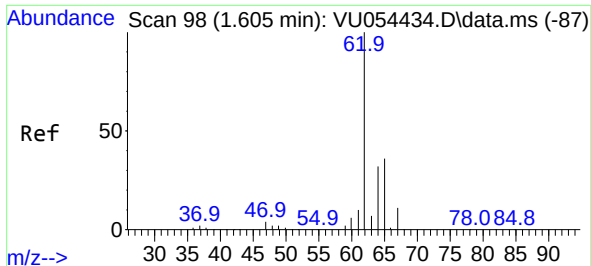
Tgt Ion: 85 Resp: 147661
Ion Ratio Lower Upper
85 100
87 32.3 25.4 38.2



#3
Chloromethane
Concen: 5.052 ug/L
RT: 1.518 min Scan# 71
Delta R.T. 0.000 min
Lab File: VU054434.D
Acq: 08 Jun 2023 10:09

Tgt Ion: 50 Resp: 170803
Ion Ratio Lower Upper
50 100
52 33.4 23.4 43.4

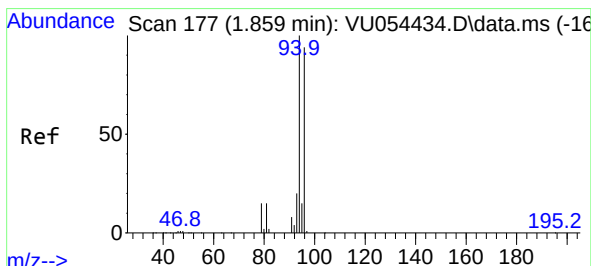
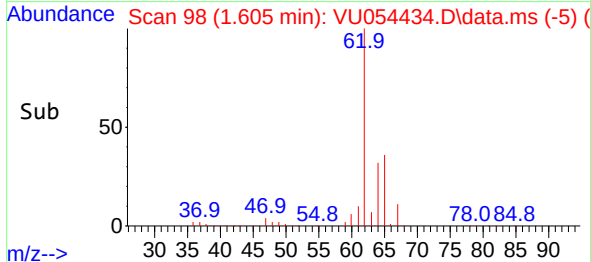
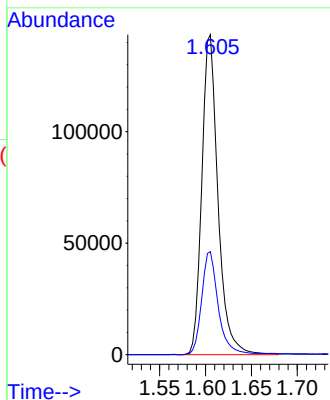
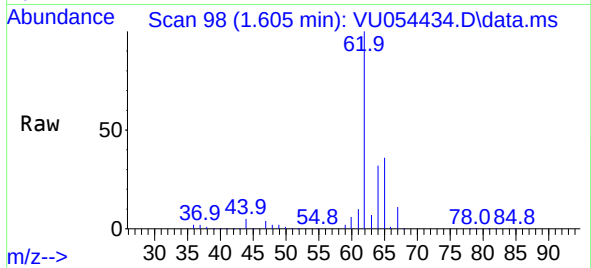




#5
Vinyl chloride
Concen: 5.069 ug/L
RT: 1.605 min Scan# 98
Delta R.T. 0.000 min
Lab File: VU054434.D
Acq: 08 Jun 2023 10:09

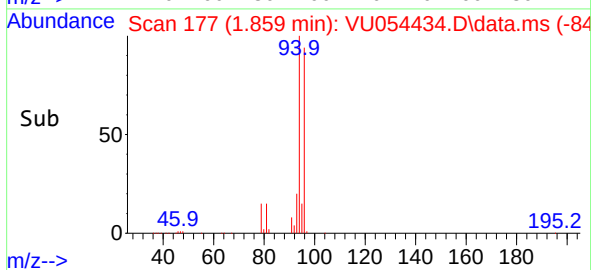
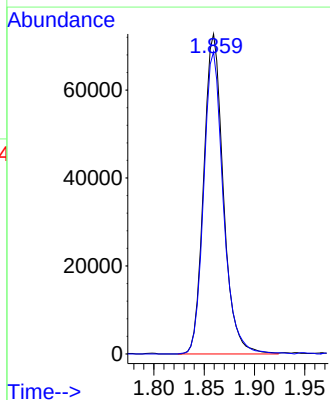
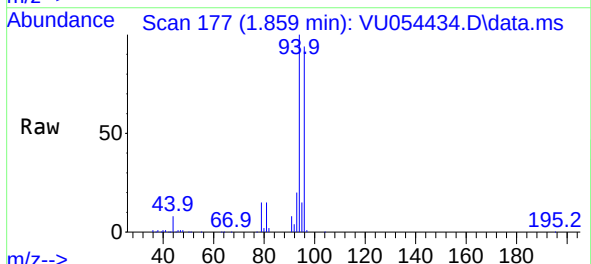
Instrument :
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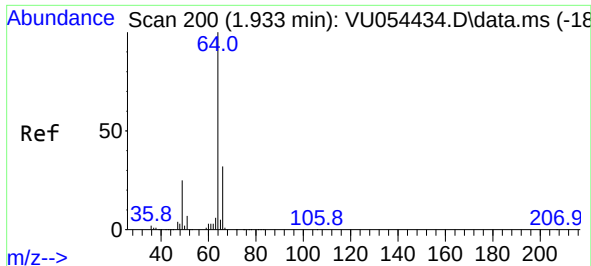
Tgt Ion: 62 Resp: 175927
Ion Ratio Lower Upper
62 100
64 32.2 23.0 42.6



#6
Bromomethane
Concen: 5.177 ug/L
RT: 1.859 min Scan# 177
Delta R.T. 0.000 min
Lab File: VU054434.D
Acq: 08 Jun 2023 10:09

Tgt Ion: 94 Resp: 98769
Ion Ratio Lower Upper
94 100
96 94.4 63.6 118.2

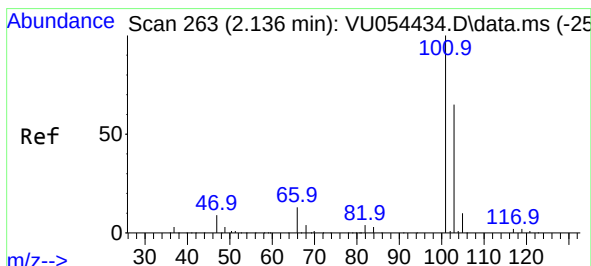
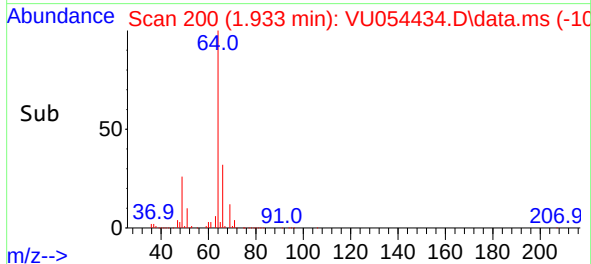
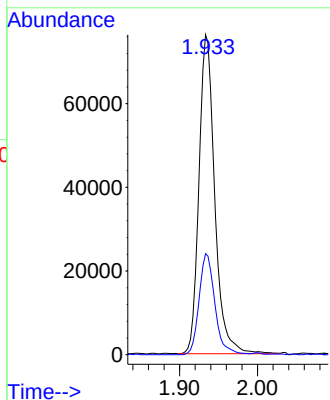
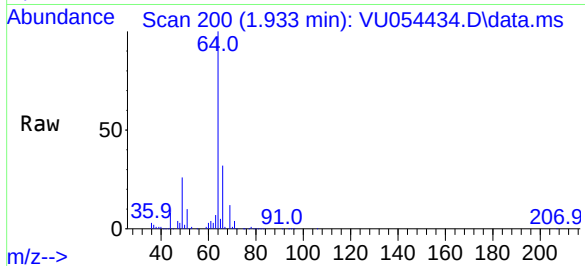




#8
Chloroethane
Concen: 5.144 ug/L
RT: 1.933 min Scan# 200
Delta R.T. 0.000 min
Lab File: VU054434.D
Acq: 08 Jun 2023 10:09

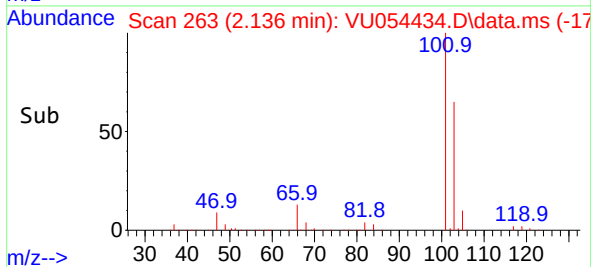
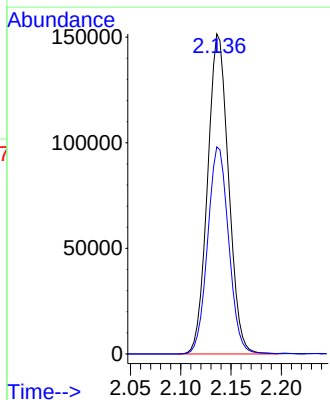
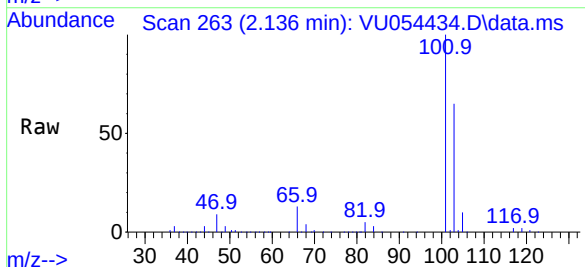
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ClientSampleId :
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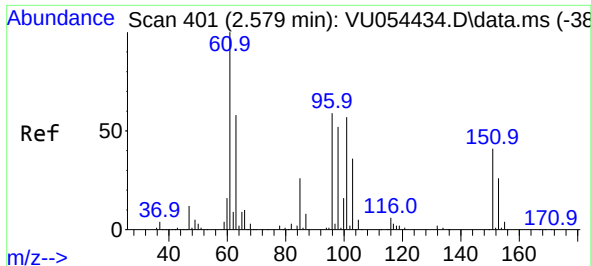
Tgt Ion: 64 Resp: 107010
Ion Ratio Lower Upper
64 100
66 31.5 22.9 42.5



#9
Trichlorofluoromethane
Concen: 5.155 ug/L
RT: 2.136 min Scan# 263
Delta R.T. 0.000 min
Lab File: VU054434.D
Acq: 08 Jun 2023 10:09

Tgt Ion:101 Resp: 219940
Ion Ratio Lower Upper
101 100
103 64.9 50.6 75.8

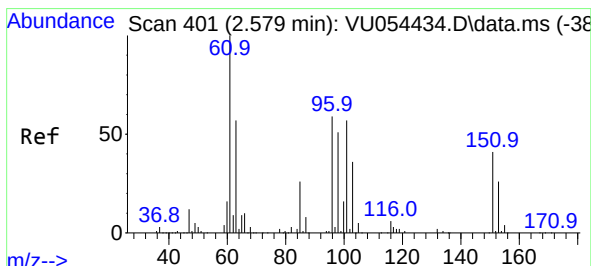
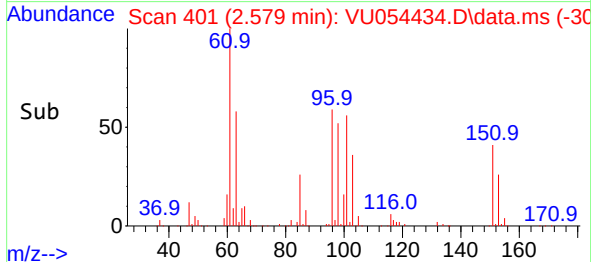
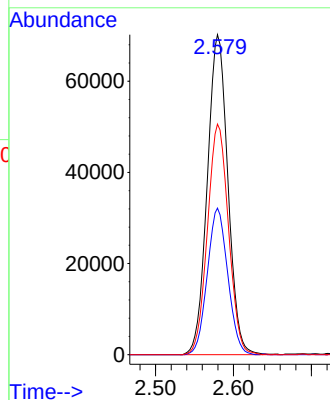
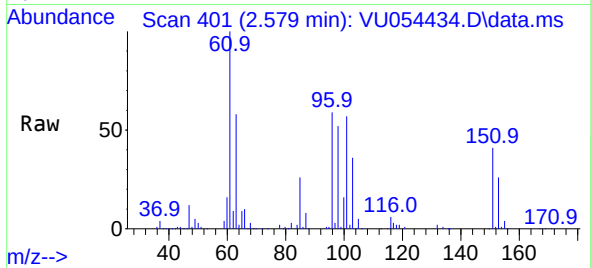




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 5.177 ug/L
RT: 2.579 min Scan# 401
Delta R.T. 0.000 min
Lab File: VU054434.D
Acq: 08 Jun 2023 10:09

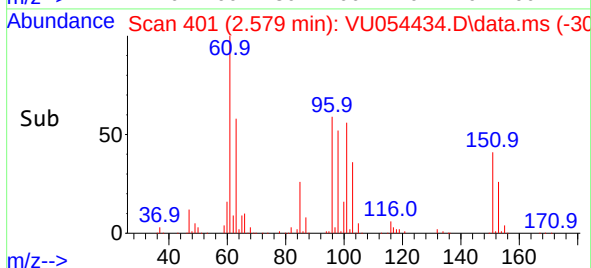
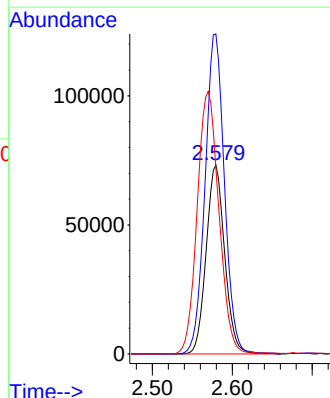
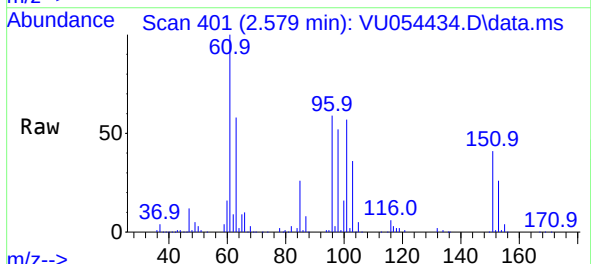
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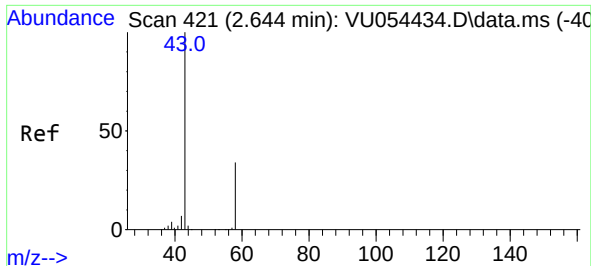
Tgt Ion:101 Resp: 129209
Ion Ratio Lower Upper
101 100
85 45.4 34.6 51.8
151 73.5 57.7 86.5



#12
1,1-Dichloroethene
Concen: 5.166 ug/L
RT: 2.579 min Scan# 401
Delta R.T. 0.000 min
Lab File: VU054434.D
Acq: 08 Jun 2023 10:09

Tgt Ion: 96 Resp: 118024
Ion Ratio Lower Upper
96 100
61 169.3 119.9 222.7
63 98.3 64.3 119.3





#13

Acetone

Concen: 65.249 ug/L

RT: 2.644 min Scan# 421

Delta R.T. 0.000 min

Lab File: VU054434.D

Acq: 08 Jun 2023 10:09

Instrument :

MSVOA_U

ClientSampleId :

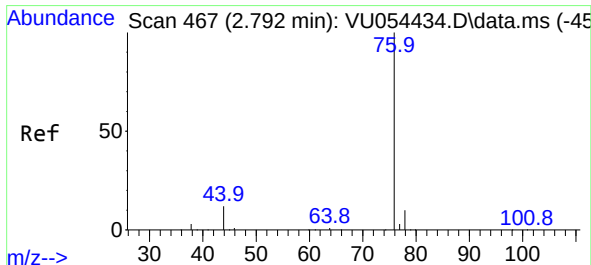
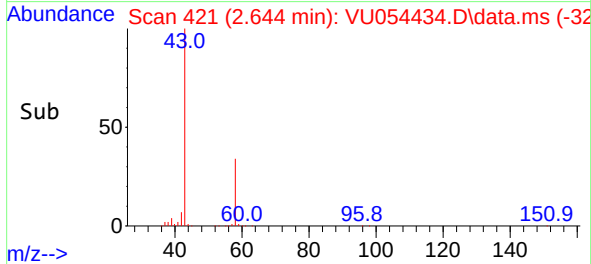
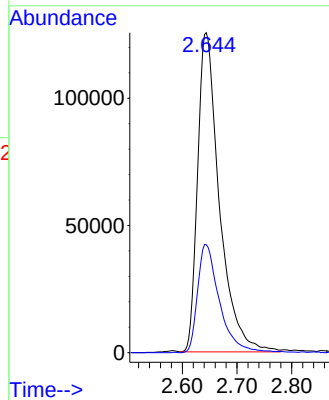
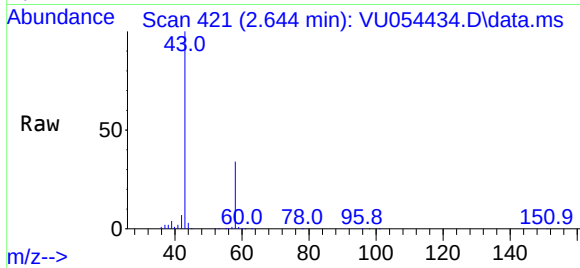
VSTD005175

Tgt Ion: 43 Resp: 346738

Ion Ratio Lower Upper

43 100

58 34.0 0.0 67.2



#14

Carbon disulfide

Concen: 5.109 ug/L

RT: 2.792 min Scan# 467

Delta R.T. 0.000 min

Lab File: VU054434.D

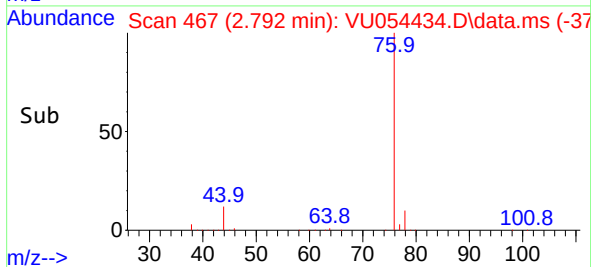
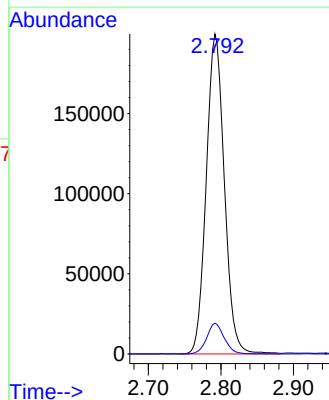
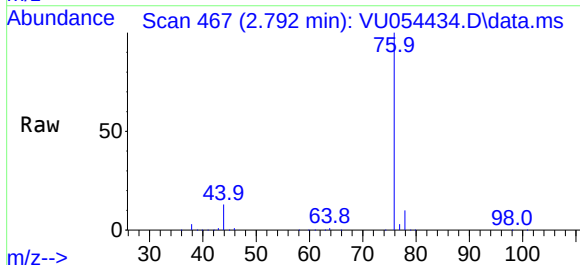
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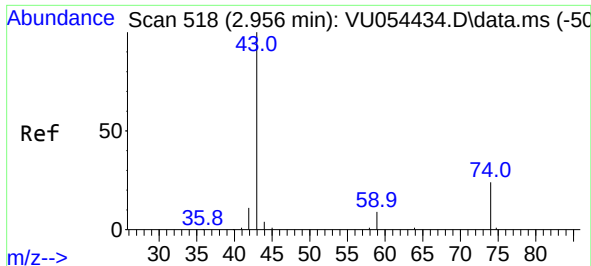
Tgt Ion: 76 Resp: 346160

Ion Ratio Lower Upper

76 100

78 9.6 7.4 11.0

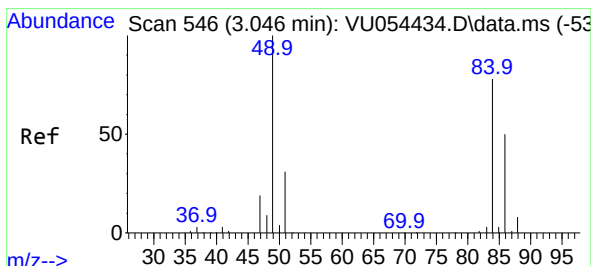
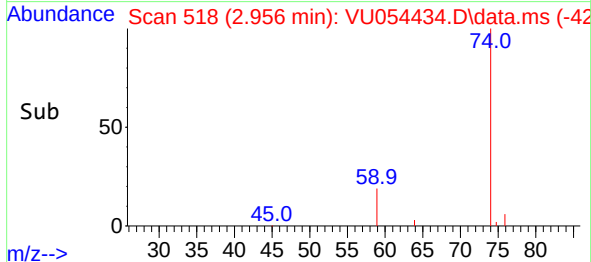
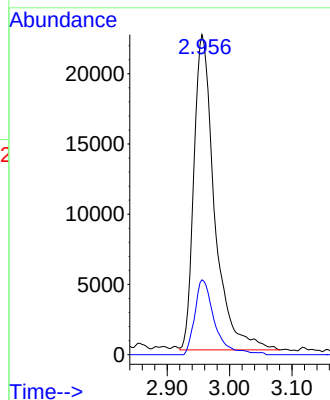
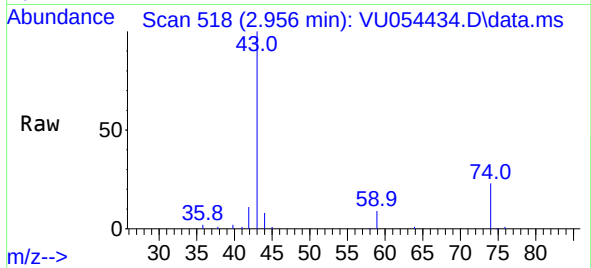




#15
Methyl Acetate
Concen: 5.243 ug/L
RT: 2.956 min Scan# 518
Delta R.T. 0.000 min
Lab File: VU054434.D
Acq: 08 Jun 2023 10:09

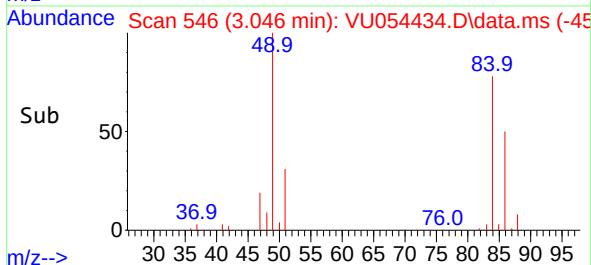
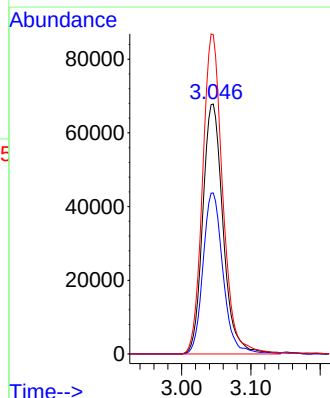
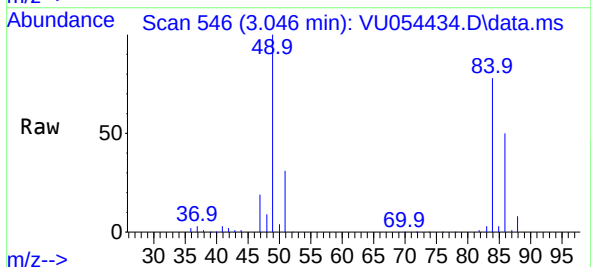
Instrument :
MSVOA_U
ClientSampleId :
VSTD005175

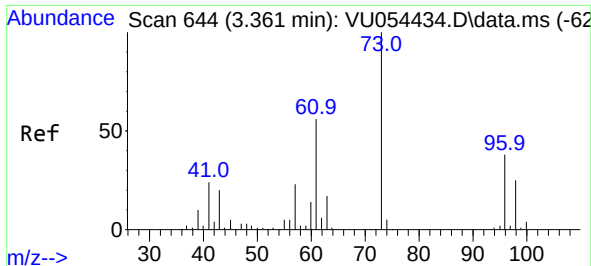
Tgt Ion: 43 Resp: 51628
Ion Ratio Lower Upper
43 100
74 22.7 19.0 28.6



#16
Methylene chloride
Concen: 4.304 ug/L
RT: 3.046 min Scan# 546
Delta R.T. 0.003 min
Lab File: VU054434.D
Acq: 08 Jun 2023 10:09

Tgt Ion: 84 Resp: 138267
Ion Ratio Lower Upper
84 100
86 64.4 43.9 81.5
49 127.7 86.1 159.9





#17

Methyl tert-butyl Ether

Concen: 5.258 ug/L

RT: 3.361 min Scan# 644

Delta R.T. 0.000 min

Lab File: VU054434.D

Acq: 08 Jun 2023 10:09

Instrument :

MSVOA_U

ClientSampleId :

VSTD005175

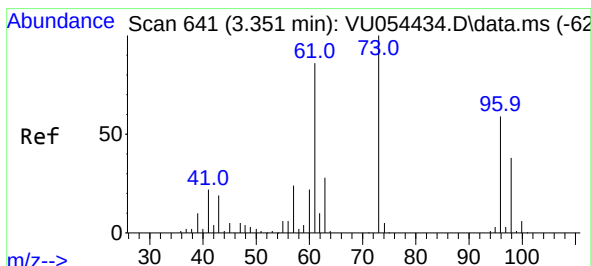
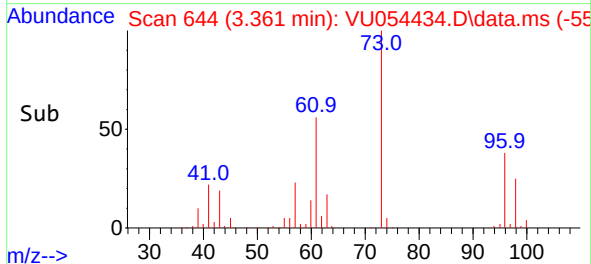
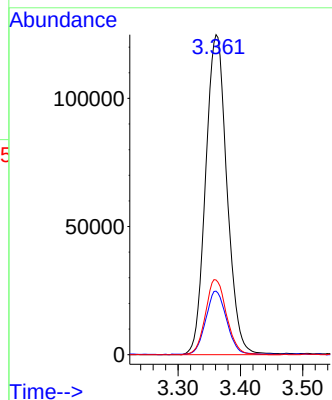
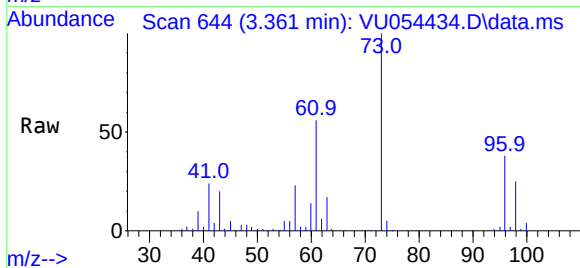
Tgt Ion: 73 Resp: 296486

Ion Ratio Lower Upper

73 100

43 19.1 15.7 23.5

57 23.2 18.6 28.0



#18

trans-1,2-Dichloroethene

Concen: 5.137 ug/L

RT: 3.351 min Scan# 641

Delta R.T. 0.000 min

Lab File: VU054434.D

Acq: 08 Jun 2023 10:09

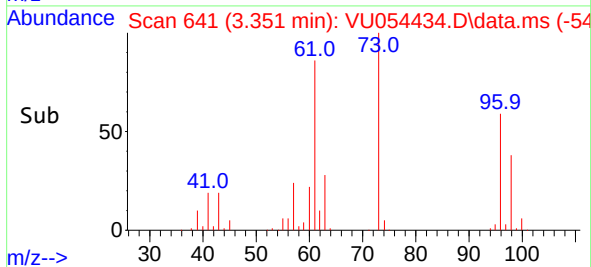
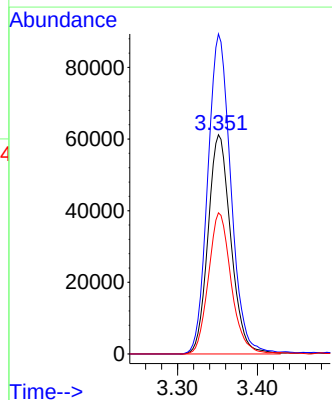
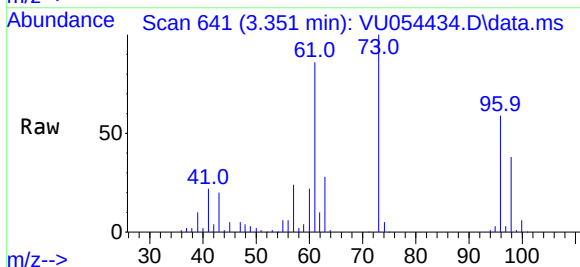
Tgt Ion: 96 Resp: 121164

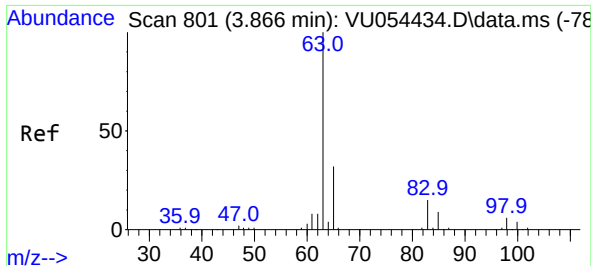
Ion Ratio Lower Upper

96 100

61 146.0 104.6 194.2

98 64.4 45.4 84.4

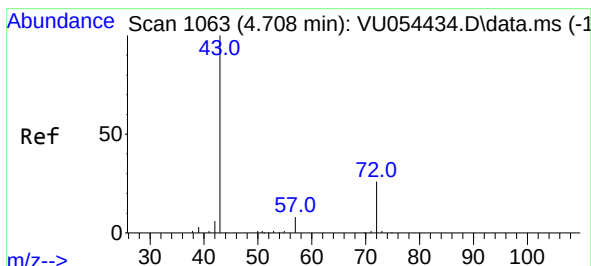
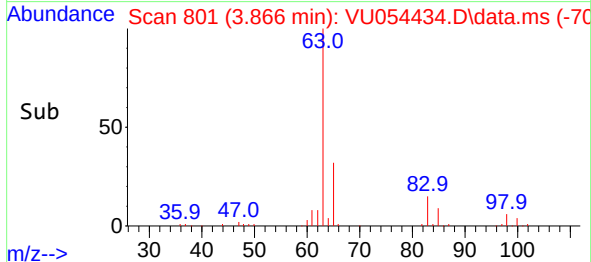
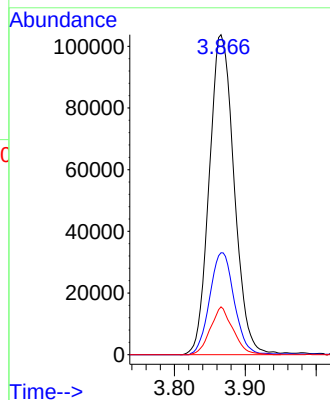
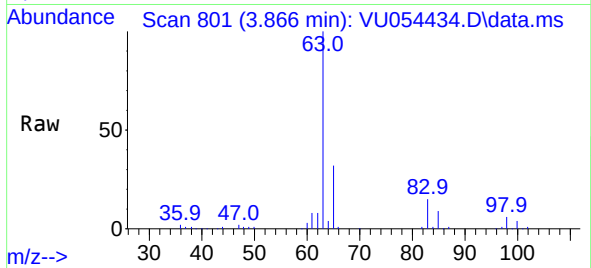




#19
1,1-Dichloroethane
Concen: 5.182 ug/L
RT: 3.866 min Scan# 801
Delta R.T. 0.000 min
Lab File: VU054434.D
Acq: 08 Jun 2023 10:09

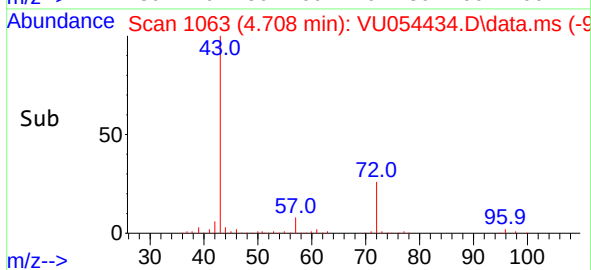
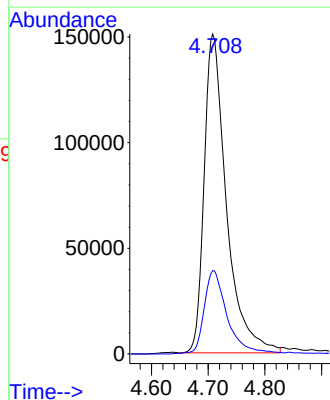
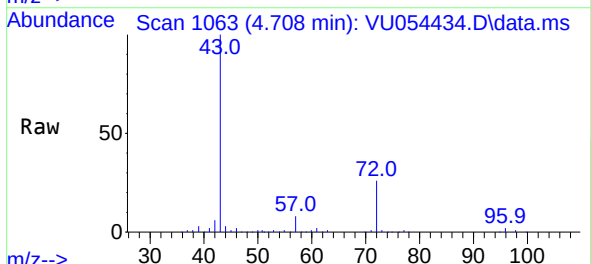
Instrument :
MSVOA_U
ClientSampleId :
VSTD005175

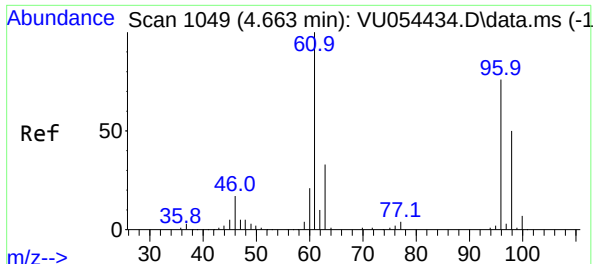
Tgt Ion: 63 Resp: 252942
Ion Ratio Lower Upper
63 100
65 31.9 22.2 41.2
83 14.9 9.0 16.6



#21
2-Butanone
Concen: 59.879 ug/L
RT: 4.708 min Scan# 1063
Delta R.T. 0.000 min
Lab File: VU054434.D
Acq: 08 Jun 2023 10:09

Tgt Ion: 43 Resp: 412966
Ion Ratio Lower Upper
43 100
72 27.0 13.4 40.1

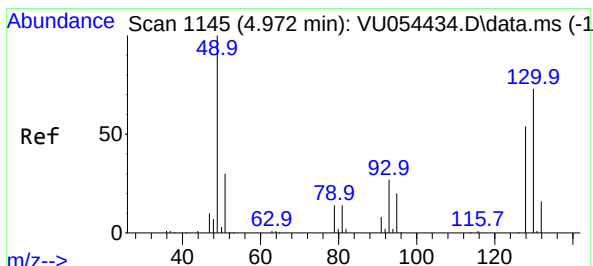
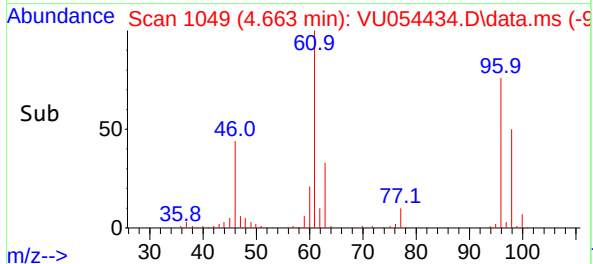
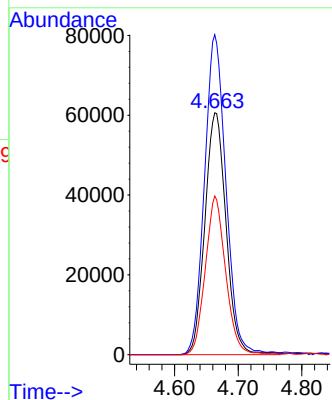
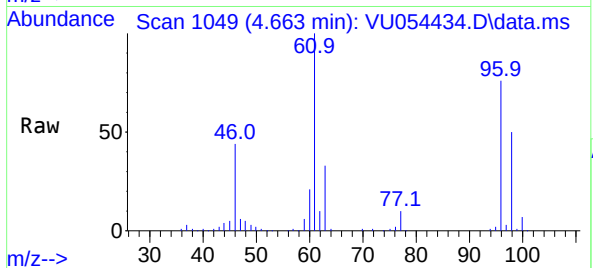




#22
cis-1,2-Dichloroethene
Concen: 5.233 ug/L
RT: 4.663 min Scan# 1049
Delta R.T. 0.000 min
Lab File: VU054434.D
Acq: 08 Jun 2023 10:09

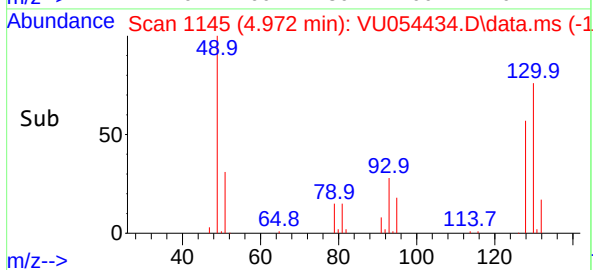
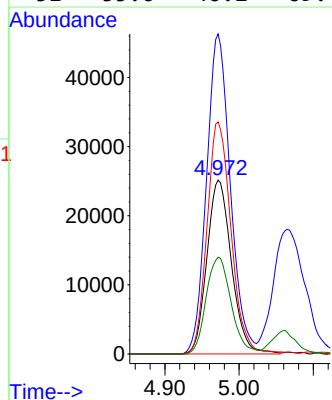
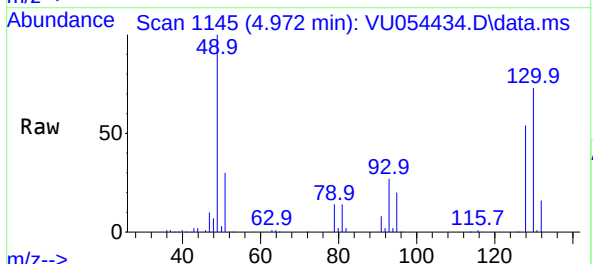
Instrument :
MSVOA_U
ClientSampleId :
VSTD005175

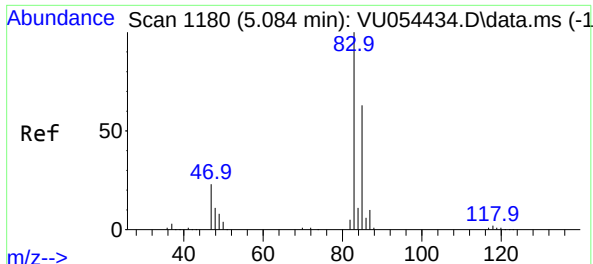
Tgt Ion: 96 Resp: 140572
Ion Ratio Lower Upper
96 100
61 132.3 96.5 179.1
98 65.6 44.9 83.3



#23
Bromochloromethane
Concen: 5.170 ug/L
RT: 4.972 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VU054434.D
Acq: 08 Jun 2023 10:09

Tgt Ion:128 Resp: 57790
Ion Ratio Lower Upper
128 100
49 183.9 132.1 245.3
130 133.4 91.5 169.9
51 55.6 46.2 69.4





#25

Chloroform

Concen: 5.079 ug/L

RT: 5.084 min Scan# 1180

Delta R.T. 0.000 min

Lab File: VU054434.D

Acq: 08 Jun 2023 10:09

Instrument :

MSVOA_U

ClientSampleId :

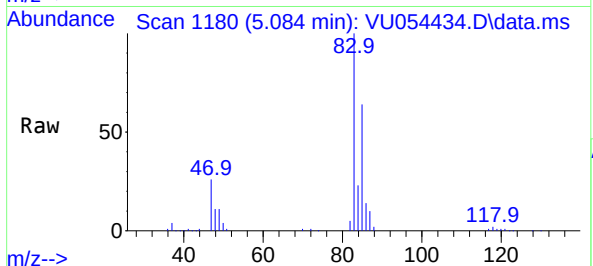
VSTD005175

Tgt Ion: 83 Resp: 244433

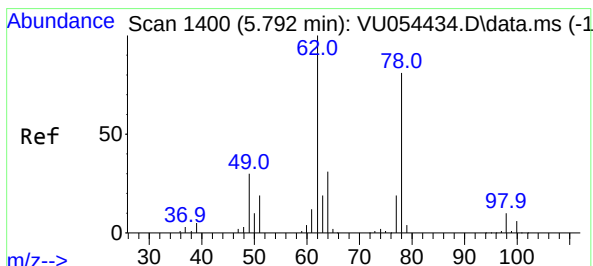
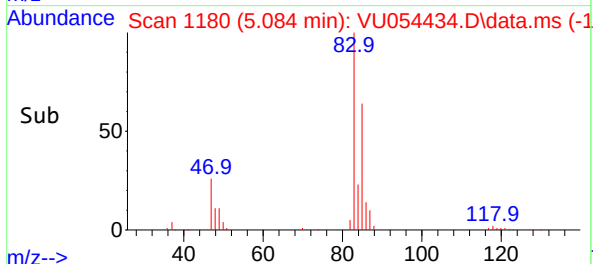
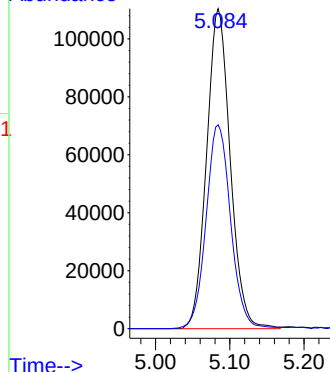
Ion Ratio Lower Upper

83 100

85 63.7 44.7 82.9



Abundance



#27

1,2-Dichloroethane

Concen: 5.217 ug/L

RT: 5.792 min Scan# 1400

Delta R.T. 0.003 min

Lab File: VU054434.D

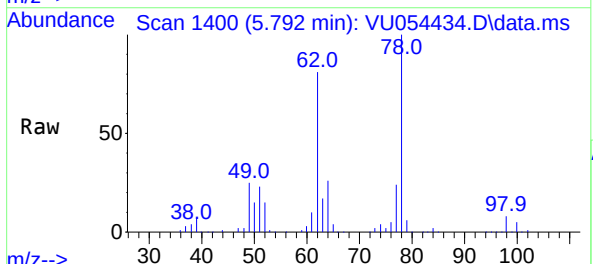
Acq: 08 Jun 2023 10:09

Tgt Ion: 62 Resp: 147162

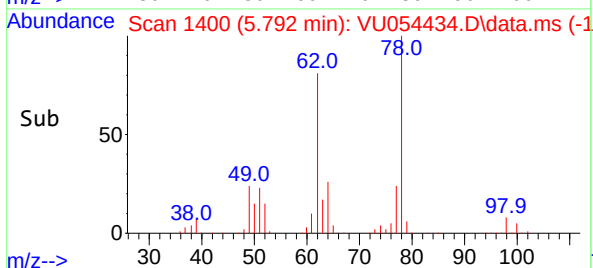
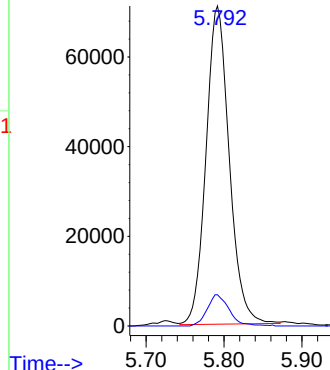
Ion Ratio Lower Upper

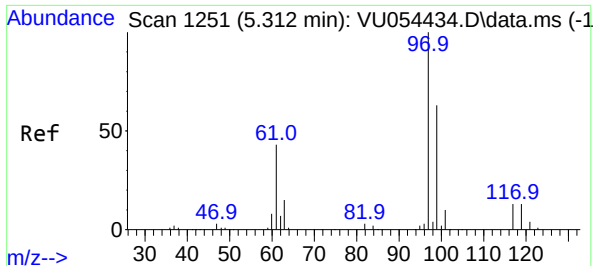
62 100

98 9.8 7.8 11.6



Abundance

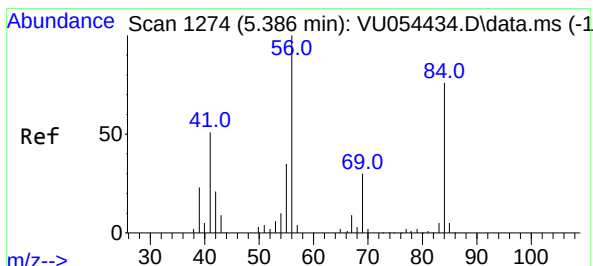
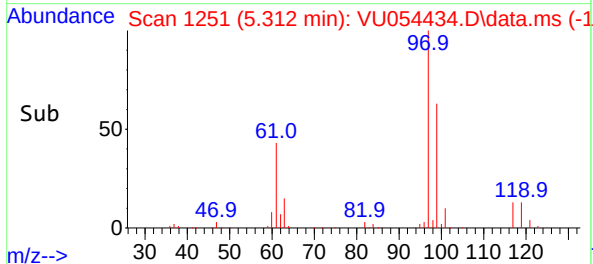
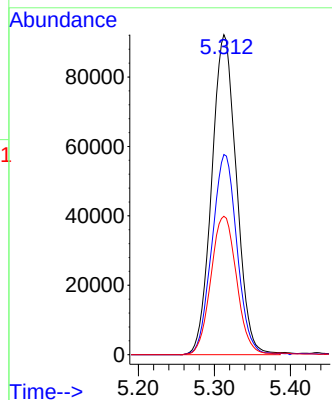
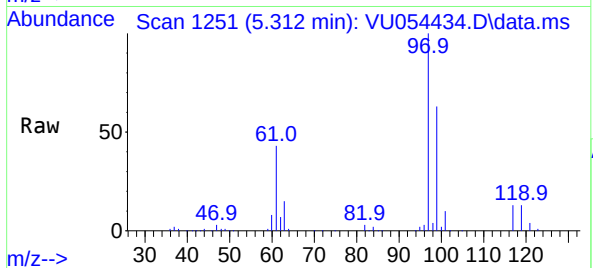




#29
1,1,1-Trichloroethane
Concen: 5.125 ug/L
RT: 5.312 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU054434.D
Acq: 08 Jun 2023 10:09

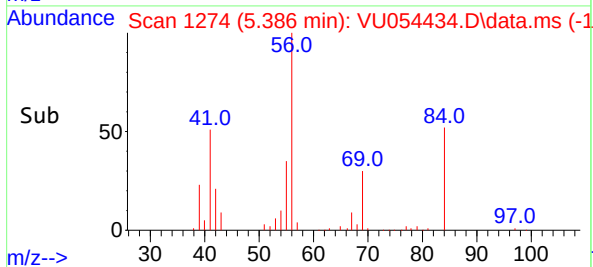
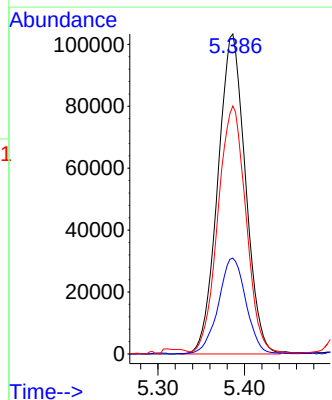
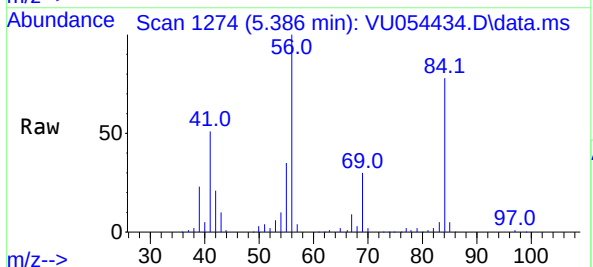
Instrument :
MSVOA_U
ClientSampleId :
VSTD005175

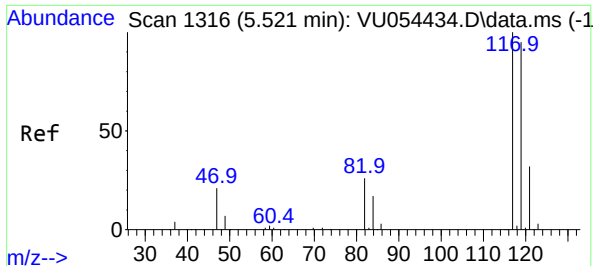
Tgt Ion: 97 Resp: 208298
Ion Ratio Lower Upper
97 100
99 63.5 50.8 76.2
61 45.0 36.1 54.1



#30
Cyclohexane
Concen: 5.158 ug/L
RT: 5.386 min Scan# 1274
Delta R.T. 0.003 min
Lab File: VU054434.D
Acq: 08 Jun 2023 10:09

Tgt Ion: 56 Resp: 228341
Ion Ratio Lower Upper
56 100
69 30.1 23.9 35.9
84 79.0 63.0 94.6

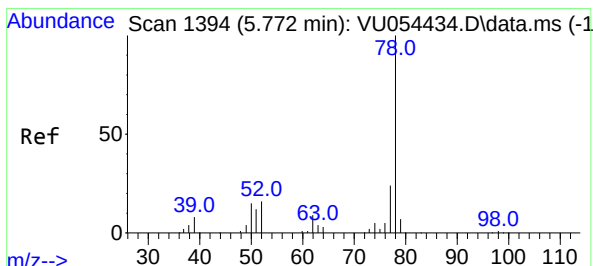
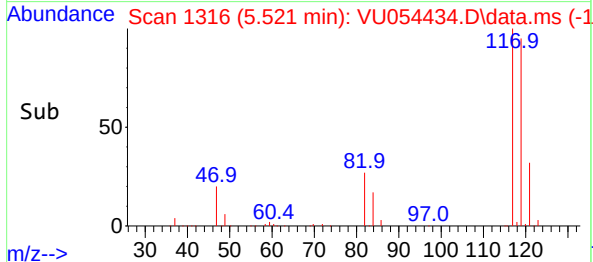
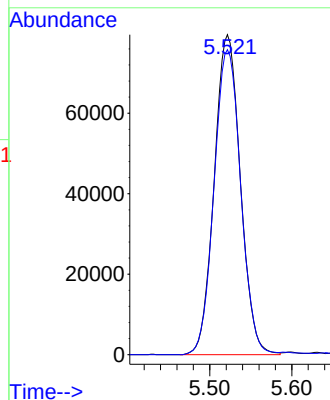
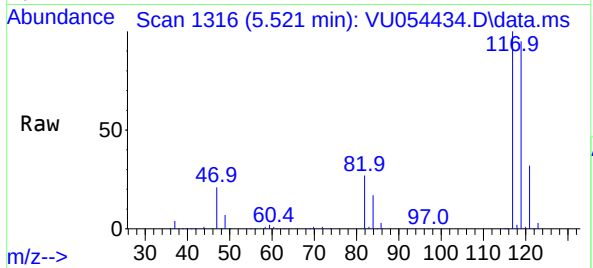




#31
Carbon tetrachloride
Concen: 5.032 ug/L
RT: 5.521 min Scan# 117
Delta R.T. 0.000 min
Lab File: VU054434.D
Acq: 08 Jun 2023 10:09

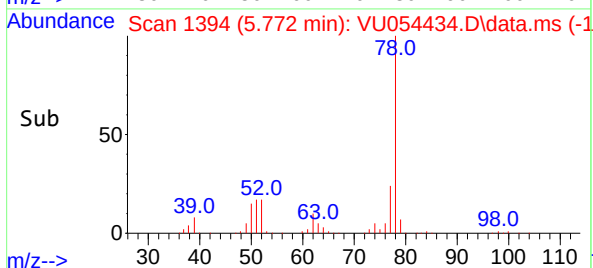
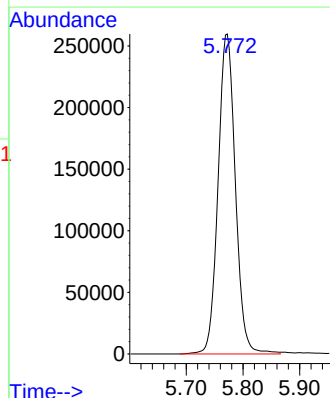
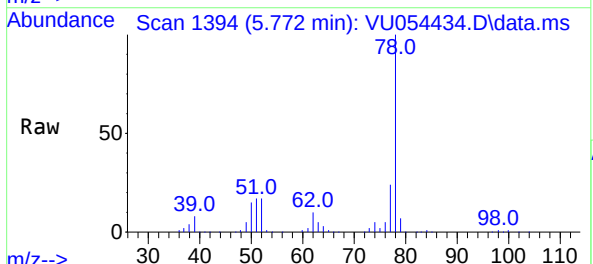
Instrument :
MSVOA_U
ClientSampleId :
VSTD005175

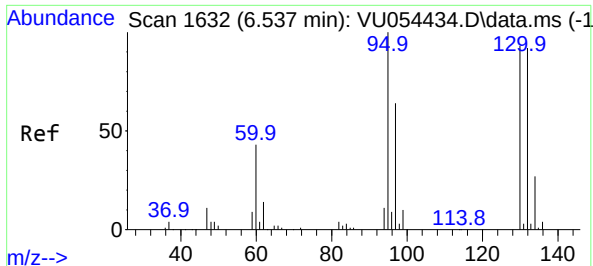
Tgt Ion:117 Resp: 176209
Ion Ratio Lower Upper
117 100
119 97.2 76.8 115.2



#33
Benzene
Concen: 5.108 ug/L
RT: 5.772 min Scan# 1394
Delta R.T. 0.003 min
Lab File: VU054434.D
Acq: 08 Jun 2023 10:09

Tgt Ion: 78 Resp: 550202

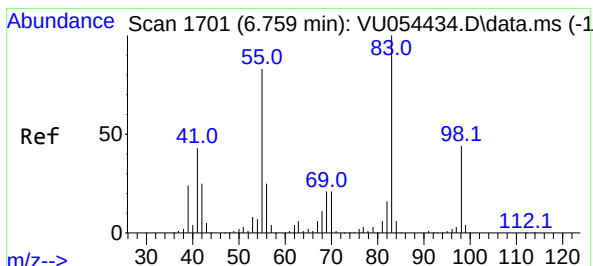
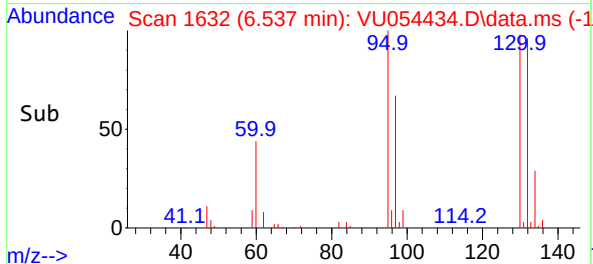
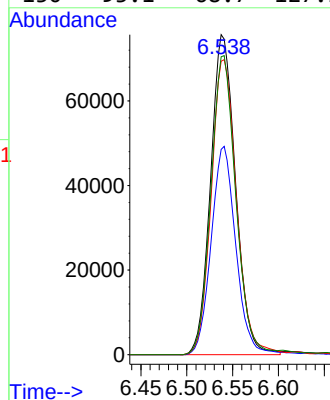
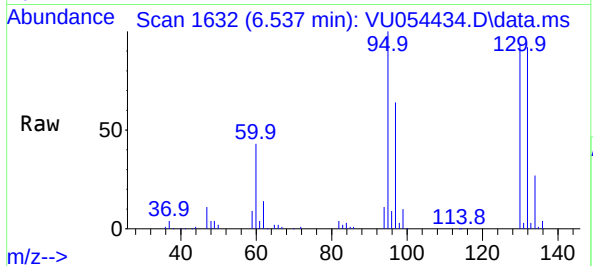




#34
Trichloroethene
Concen: 5.034 ug/L
RT: 6.537 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU054434.D
Acq: 08 Jun 2023 10:09

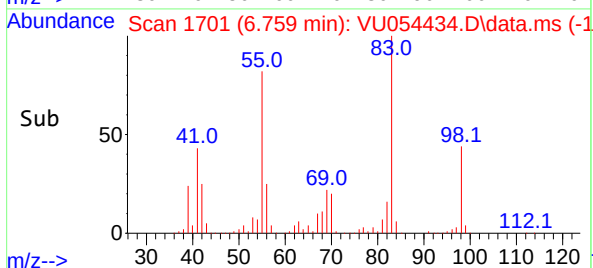
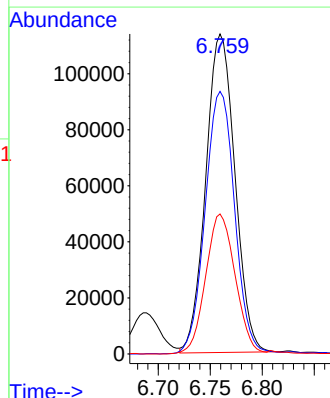
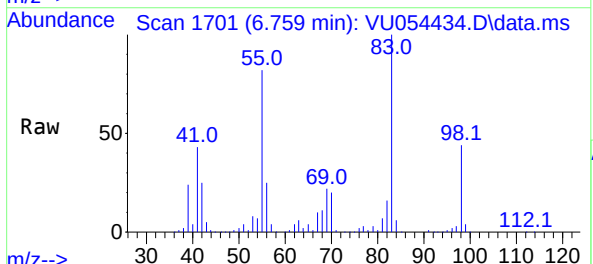
Instrument :
MSVOA_U
ClientSampleId :
VSTD005175

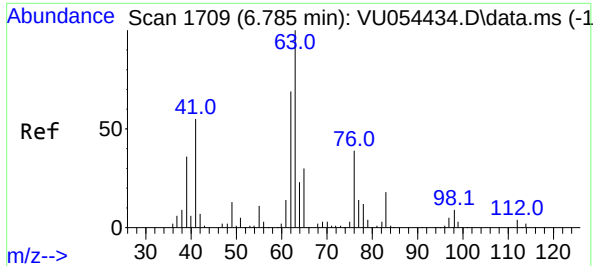
Tgt Ion: 95 Resp: 143393
Ion Ratio Lower Upper
95 100
97 64.1 46.8 87.0
132 91.7 68.4 127.0
130 93.1 68.7 127.5



#35
Methylcyclohexane
Concen: 5.160 ug/L
RT: 6.759 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VU054434.D
Acq: 08 Jun 2023 10:09

Tgt Ion: 83 Resp: 222173
Ion Ratio Lower Upper
83 100
55 83.5 67.1 100.7
98 44.6 35.1 52.7

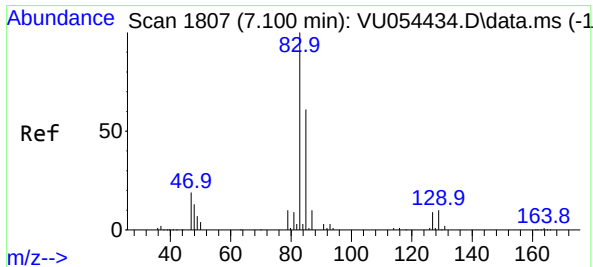
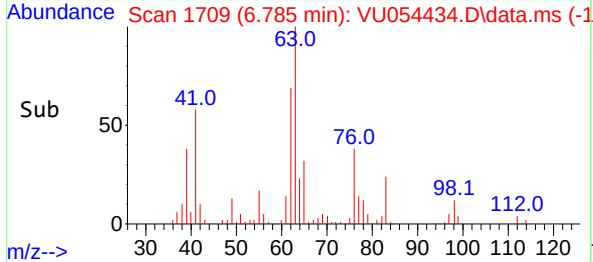
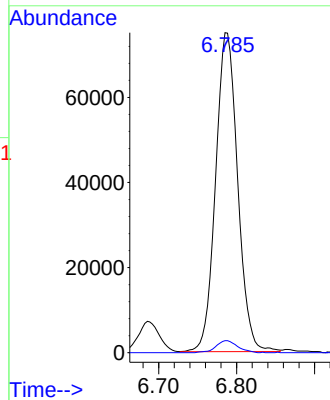
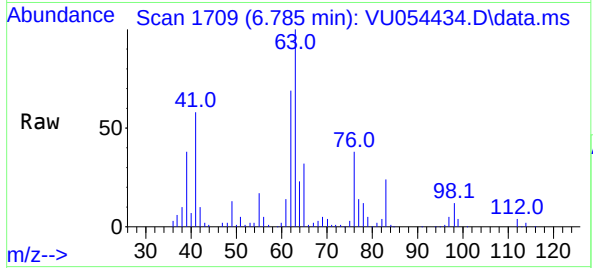




#37
1,2-Dichloropropane
Concen: 5.065 ug/L
RT: 6.785 min Scan# 1709
Delta R.T. 0.000 min
Lab File: VU054434.D
Acq: 08 Jun 2023 10:09

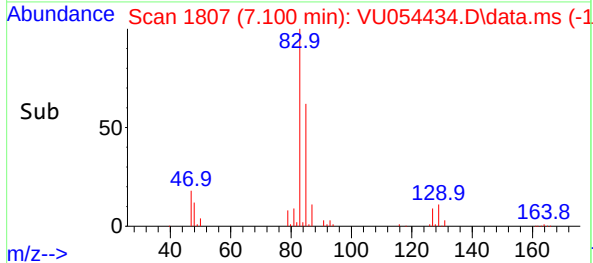
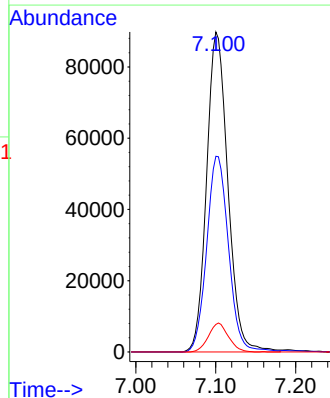
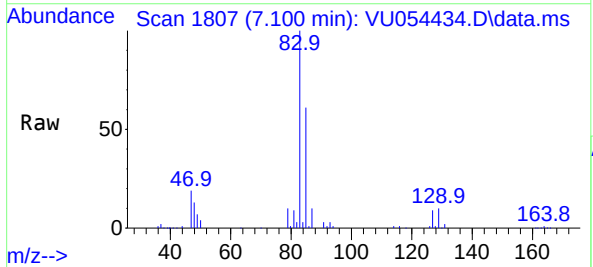
Instrument :
MSVOA_U
ClientSampleId :
VSTD005175

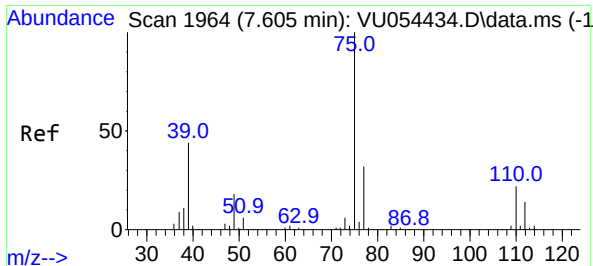
Tgt Ion: 63 Resp: 147526
Ion Ratio Lower Upper
63 100
112 3.7 3.0 4.6



#38
Bromodichloromethane
Concen: 5.045 ug/L
RT: 7.100 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VU054434.D
Acq: 08 Jun 2023 10:09

Tgt Ion: 83 Resp: 166327
Ion Ratio Lower Upper
83 100
85 61.1 44.1 81.9
127 8.6 6.6 10.0





#39

cis-1,3-Dichloropropene

Concen: 5.292 ug/L

RT: 7.605 min Scan# 1964

Delta R.T. 0.003 min

Lab File: VU054434.D

Acq: 08 Jun 2023 10:09

Instrument :

MSVOA_U

ClientSampleId :

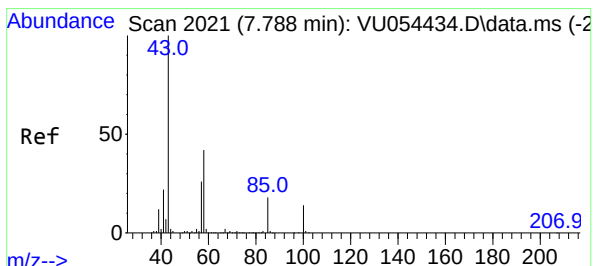
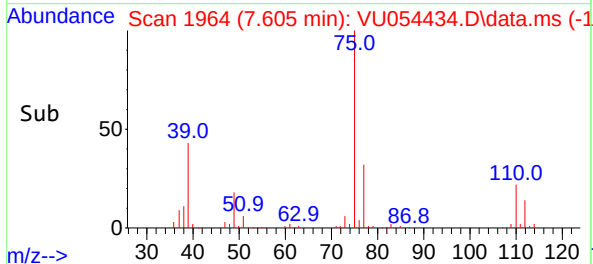
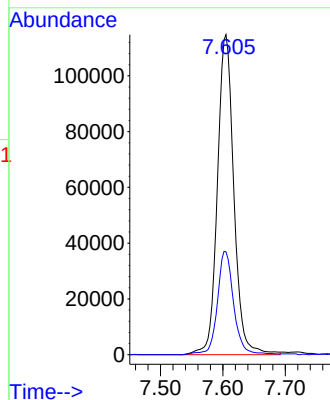
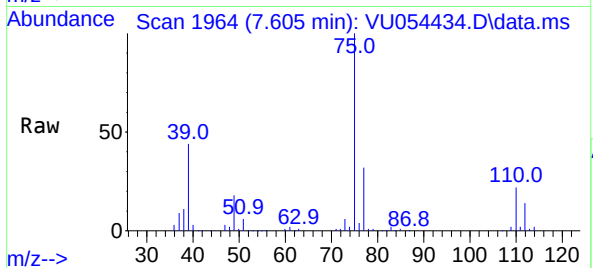
VSTD005175

Tgt Ion: 75 Resp: 210412

Ion Ratio Lower Upper

75 100

77 32.1 22.3 41.5



#40

4-Methyl-2-pentanone

Concen: 51.744 ug/L

RT: 7.788 min Scan# 2021

Delta R.T. 0.003 min

Lab File: VU054434.D

Acq: 08 Jun 2023 10:09

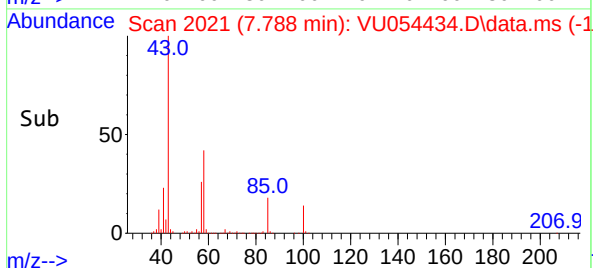
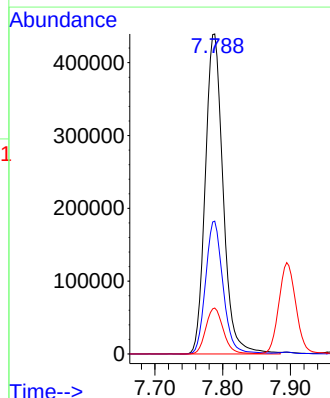
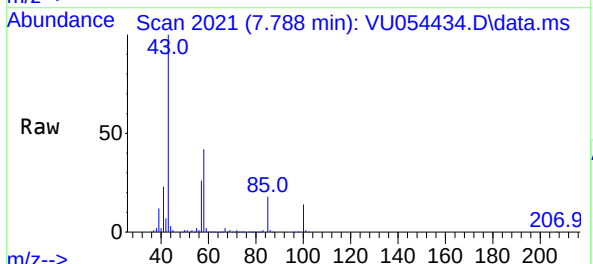
Tgt Ion: 43 Resp: 804202

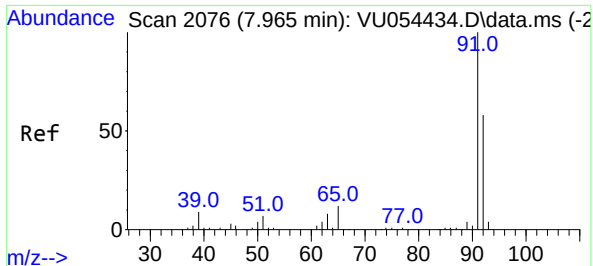
Ion Ratio Lower Upper

43 100

58 40.7 32.4 48.6

100 14.1 11.4 17.2

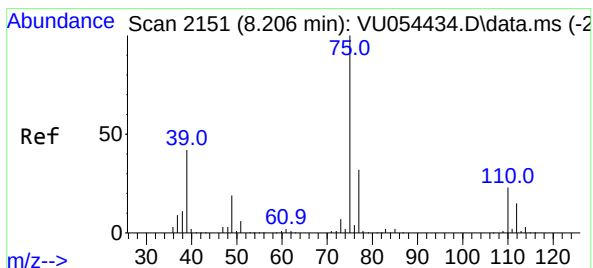
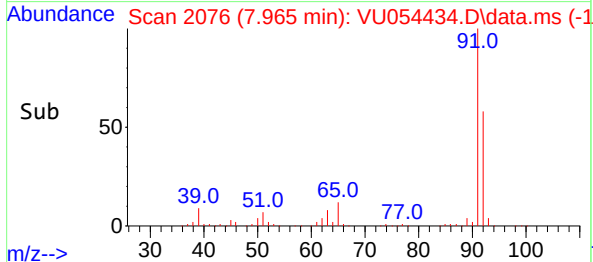
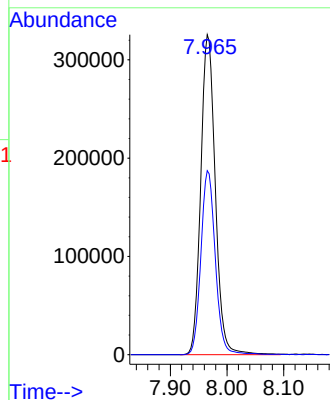
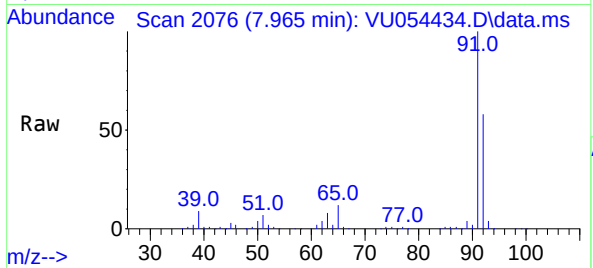




#42
Toluene
Concen: 5.235 ug/L
RT: 7.965 min Scan# 2076
Delta R.T. 0.000 min
Lab File: VU054434.D
Acq: 08 Jun 2023 10:09

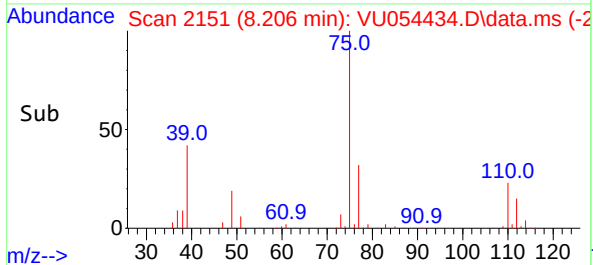
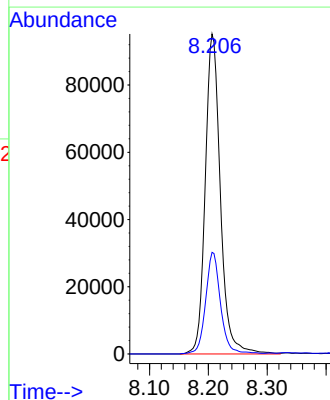
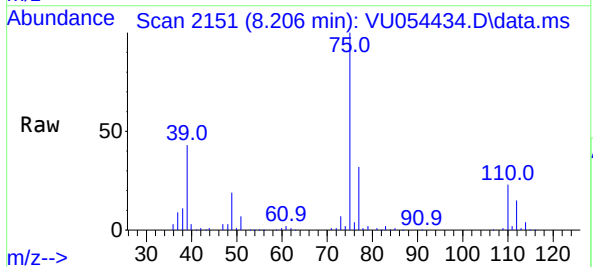
Instrument :
MSVOA_U
ClientSampleId :
VSTD005175

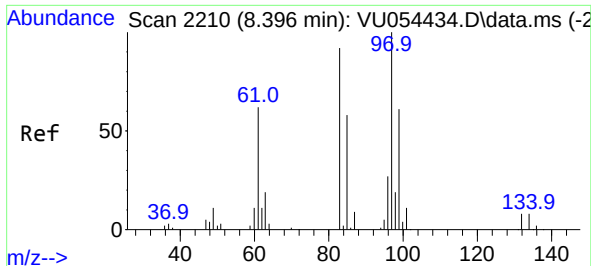
Tgt Ion: 91 Resp: 580749
Ion Ratio Lower Upper
91 100
92 57.5 39.5 73.4



#44
trans-1,3-Dichloropropene
Concen: 5.270 ug/L
RT: 8.206 min Scan# 2151
Delta R.T. 0.000 min
Lab File: VU054434.D
Acq: 08 Jun 2023 10:09

Tgt Ion: 75 Resp: 170065
Ion Ratio Lower Upper
75 100
77 31.7 21.3 39.6



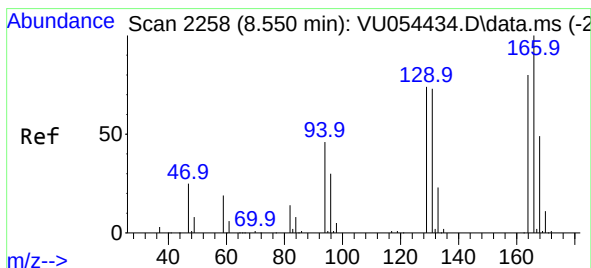
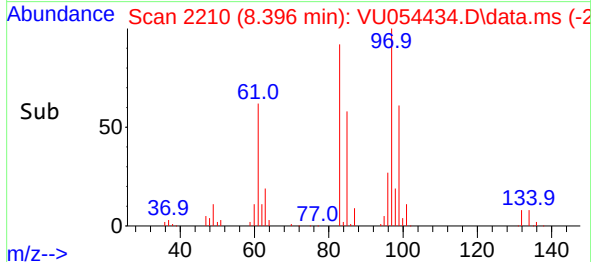
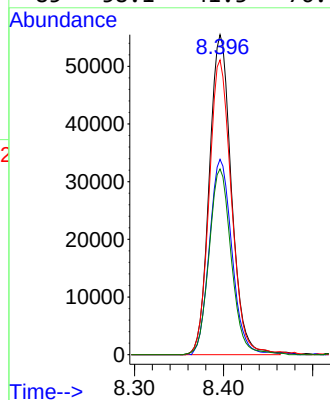
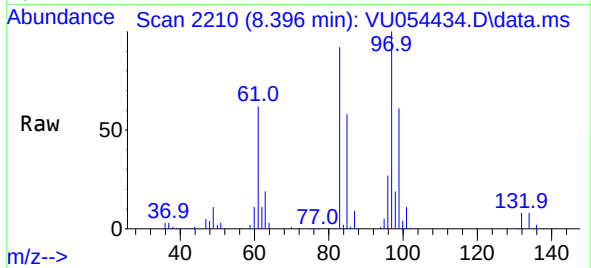


#45
1,1,2-Trichloroethane
Concen: 5.151 ug/L
RT: 8.396 min Scan# 2210
Delta R.T. 0.000 min
Lab File: VU054434.D
Acq: 08 Jun 2023 10:09

Instrument :
MSVOA_U
ClientSampleId :
VSTD005175

Tgt Ion: 97 Resp: 95443

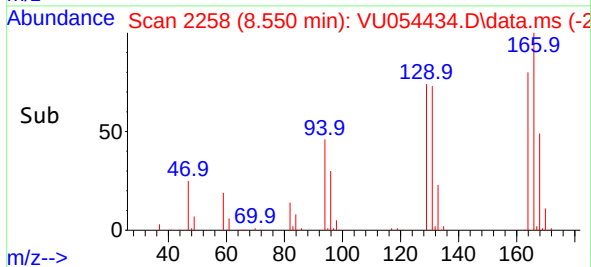
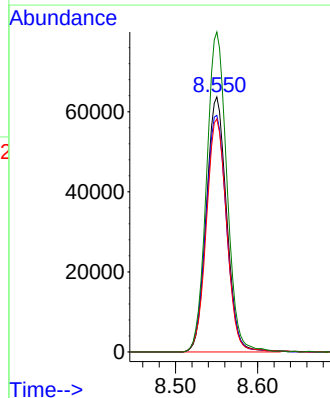
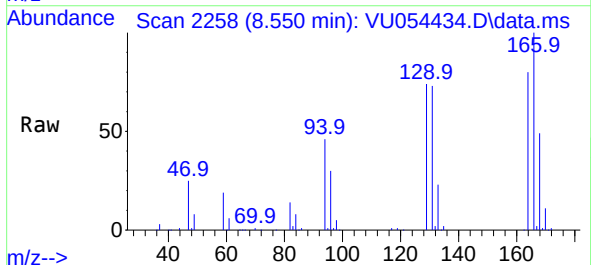
Ion	Ratio	Lower	Upper
97	100		
99	61.1	43.0	80.0
83	92.1	63.8	118.6
85	58.1	41.3	76.7

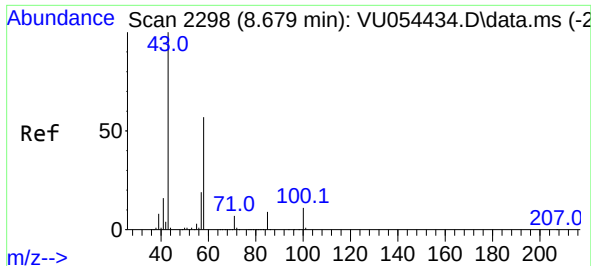


#47
Tetrachloroethene
Concen: 5.027 ug/L
RT: 8.550 min Scan# 2258
Delta R.T. 0.000 min
Lab File: VU054434.D
Acq: 08 Jun 2023 10:09

Tgt Ion: 164 Resp: 109598

Ion	Ratio	Lower	Upper
164	100		
129	92.8	67.7	125.7
131	91.3	64.6	120.0
166	125.5	88.1	163.7

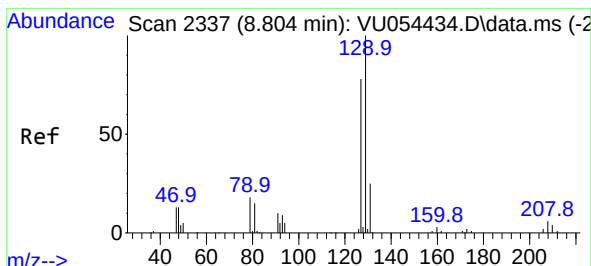
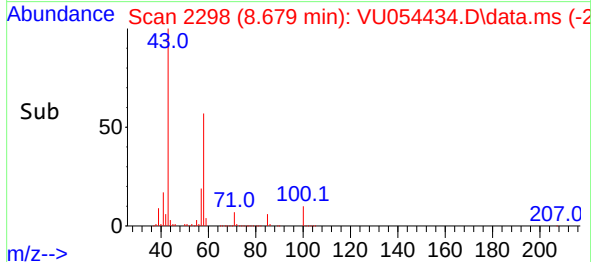
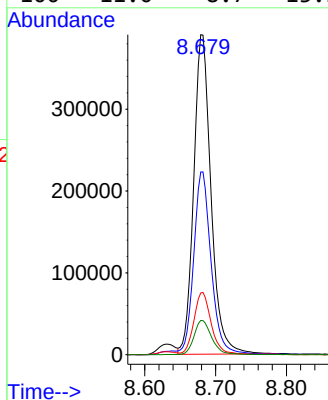
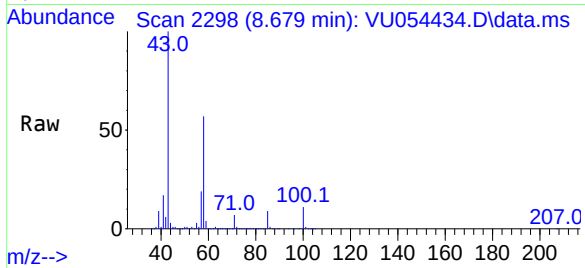




#48
2-Hexanone
Concen: 57.345 ug/L
RT: 8.679 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU054434.D
Acq: 08 Jun 2023 10:09

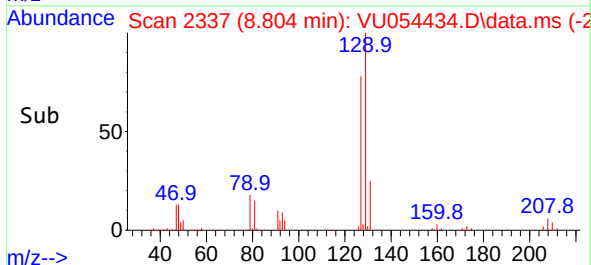
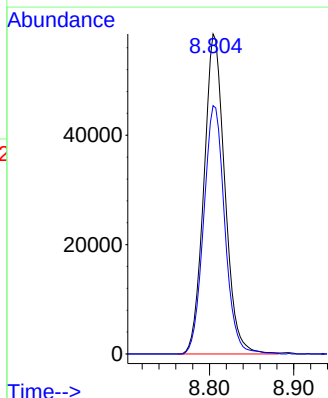
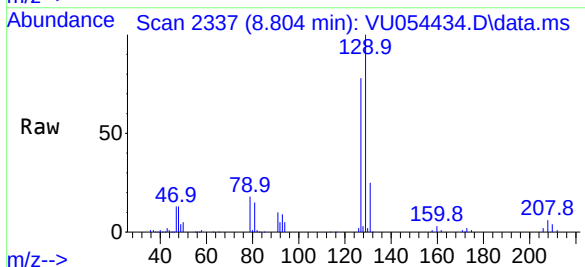
Instrument :
MSVOA_U
ClientSampleId :
VSTD005175

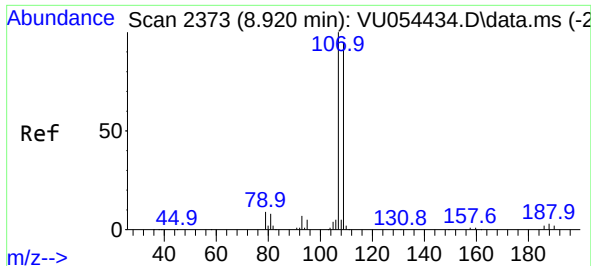
Tgt Ion: 43 Resp: 664080
Ion Ratio Lower Upper
43 100
58 58.7 45.2 67.8
57 19.5 15.8 23.6
100 11.0 8.7 13.1



#49
Dibromochloromethane
Concen: 5.202 ug/L
RT: 8.804 min Scan# 2337
Delta R.T. 0.000 min
Lab File: VU054434.D
Acq: 08 Jun 2023 10:09

Tgt Ion: 129 Resp: 101192
Ion Ratio Lower Upper
129 100
127 77.6 53.2 98.8

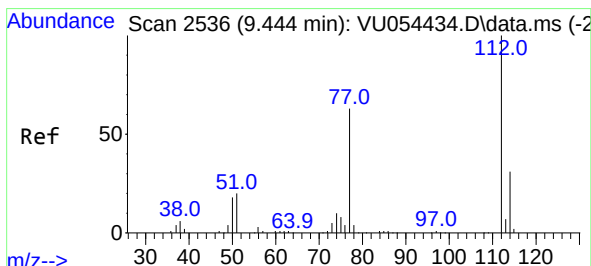
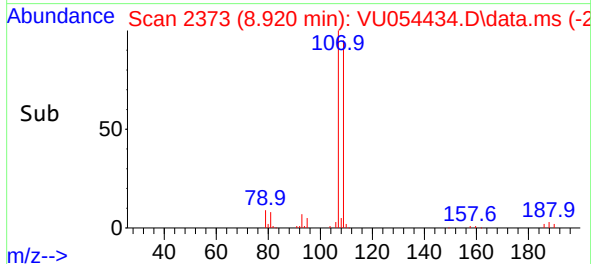
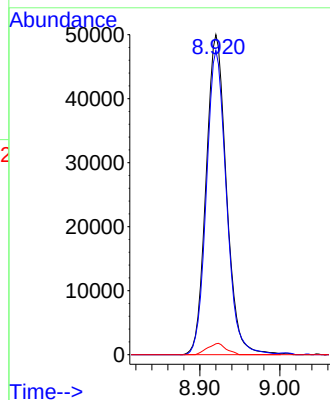
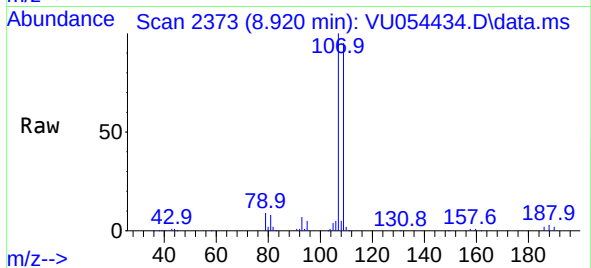




#50
1,2-Dibromoethane
Concen: 5.198 ug/L
RT: 8.920 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU054434.D
Acq: 08 Jun 2023 10:09

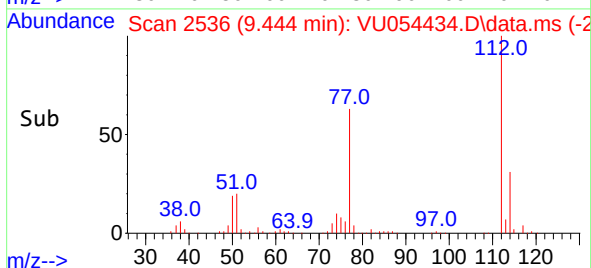
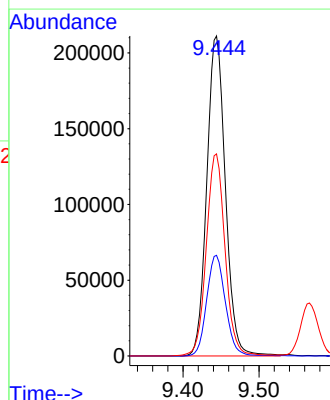
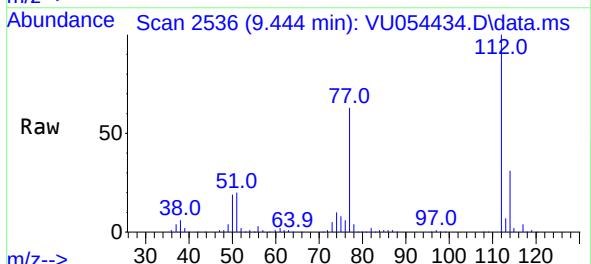
Instrument :
MSVOA_U
ClientSampleId :
VSTD005175

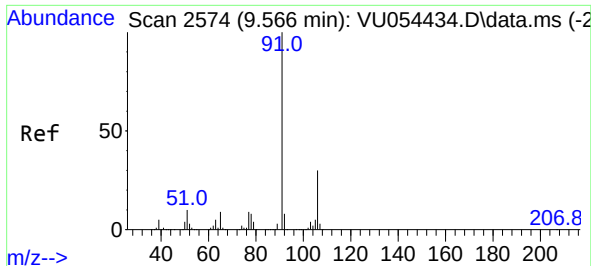
Tgt Ion:107 Resp: 88410
Ion Ratio Lower Upper
107 100
109 95.1 66.6 123.6
188 3.4 3.1 4.7



#51
Chlorobenzene
Concen: 5.190 ug/L
RT: 9.444 min Scan# 2536
Delta R.T. 0.000 min
Lab File: VU054434.D
Acq: 08 Jun 2023 10:09

Tgt Ion:112 Resp: 358847
Ion Ratio Lower Upper
112 100
114 31.5 22.7 42.1
77 63.2 49.8 74.8

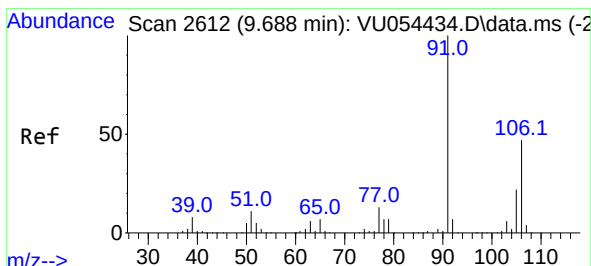
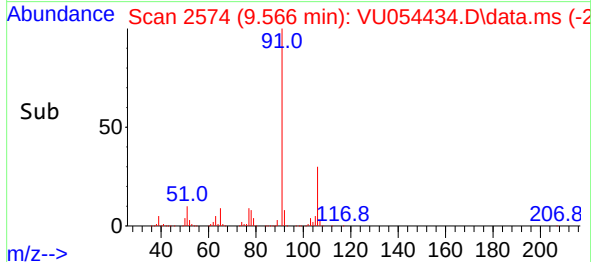
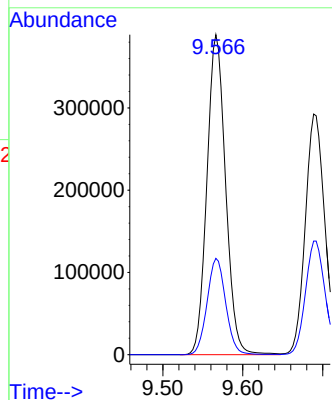
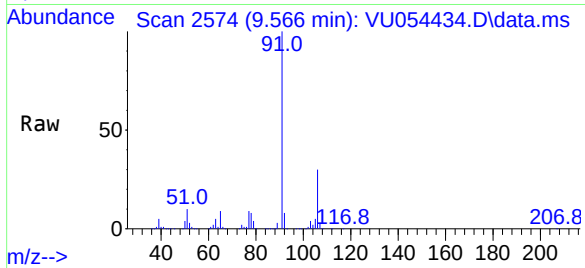




#52
Ethylbenzene
Concen: 5.210 ug/L
RT: 9.566 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU054434.D
Acq: 08 Jun 2023 10:09

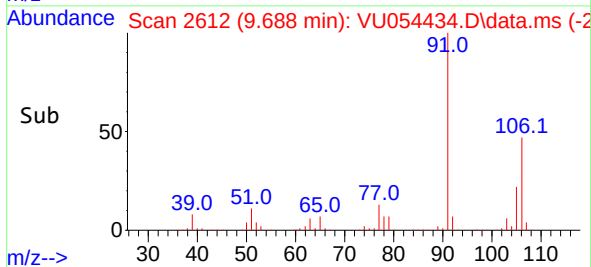
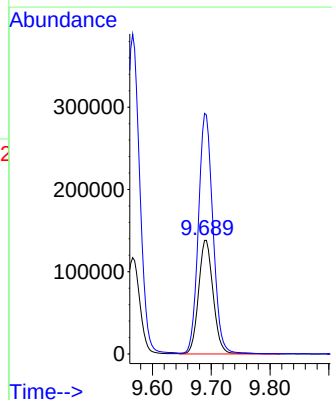
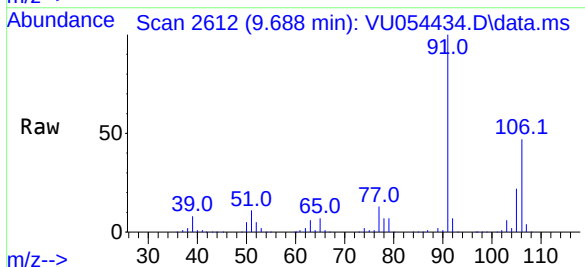
Instrument :
MSVOA_U
ClientSampleId :
VSTD005175

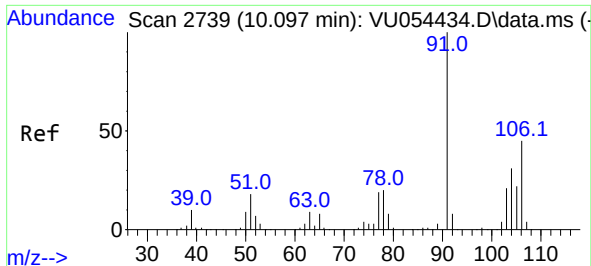
Tgt Ion: 91 Resp: 631166
Ion Ratio Lower Upper
91 100
106 30.1 21.1 39.3



#53
m,p-Xylene
Concen: 5.340 ug/L
RT: 9.688 min Scan# 2612
Delta R.T. 0.000 min
Lab File: VU054434.D
Acq: 08 Jun 2023 10:09

Tgt Ion: 106 Resp: 237638
Ion Ratio Lower Upper
106 100
91 211.8 147.0 273.0

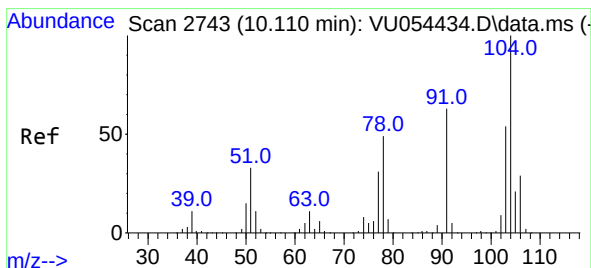
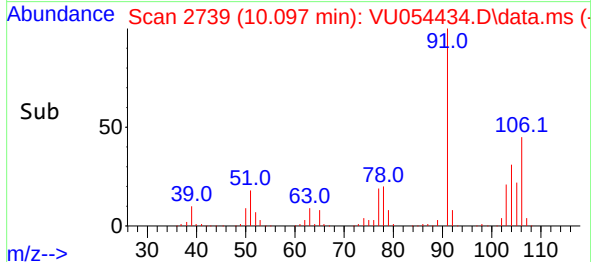
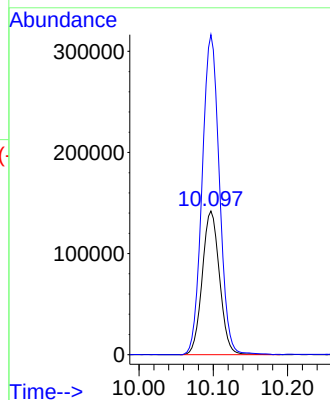
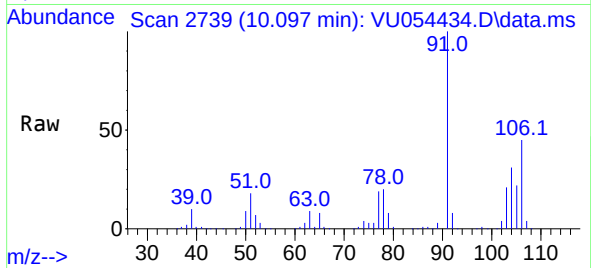




#54
o-Xylene
Concen: 5.333 ug/L
RT: 10.097 min Scan# 2739
Delta R.T. 0.000 min
Lab File: VU054434.D
Acq: 08 Jun 2023 10:09

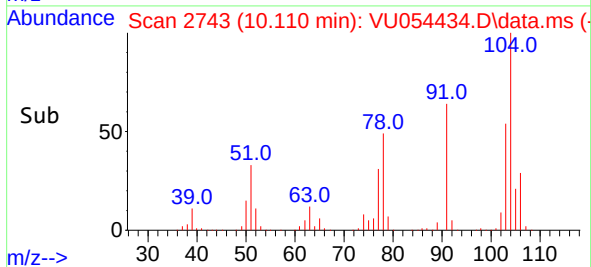
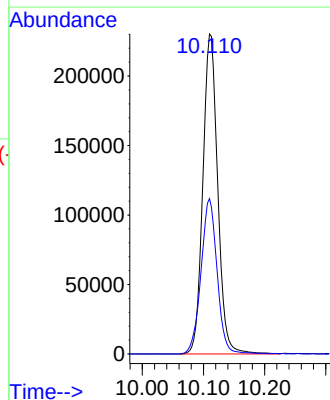
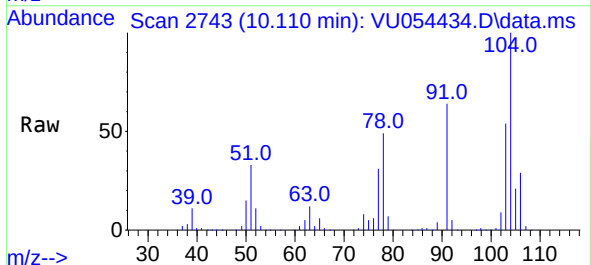
Instrument :
MSVOA_U
ClientSampleId :
VSTD005175

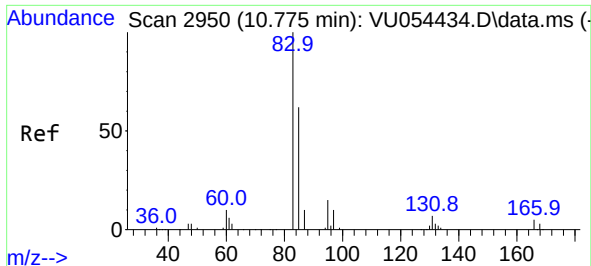
Tgt Ion:106 Resp: 229511
Ion Ratio Lower Upper
106 100
91 222.6 154.5 286.9



#55
Styrene
Concen: 5.382 ug/L
RT: 10.110 min Scan# 2743
Delta R.T. 0.000 min
Lab File: VU054434.D
Acq: 08 Jun 2023 10:09

Tgt Ion:104 Resp: 388727
Ion Ratio Lower Upper
104 100
78 48.5 33.0 61.4





#57

1,1,2,2-Tetrachloroethane

Concen: 5.106 ug/L

RT: 10.775 min Scan# 2950

Delta R.T. 0.000 min

Lab File: VU054434.D

Acq: 08 Jun 2023 10:09

Instrument :

MSVOA_U

ClientSampleId :

VSTD005175

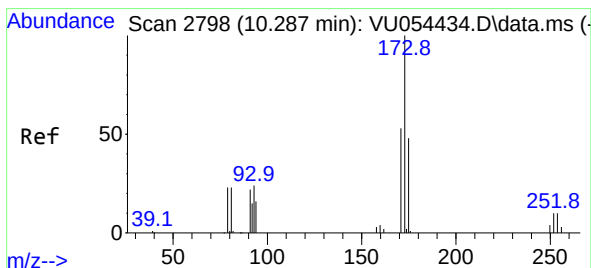
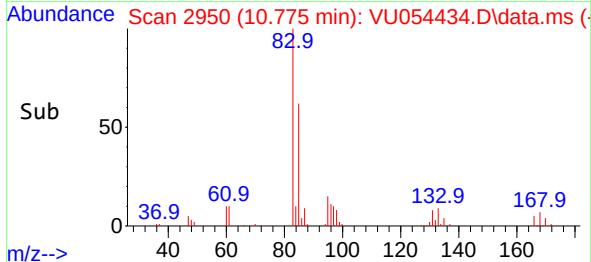
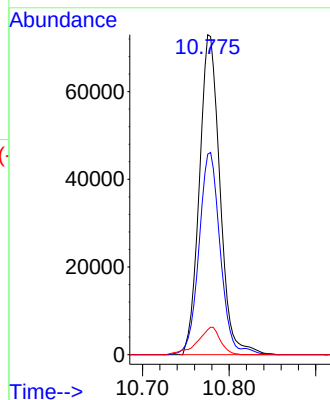
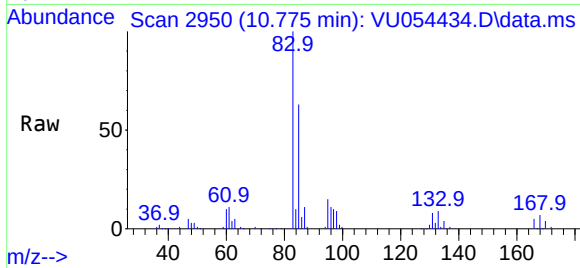
Tgt Ion: 83 Resp: 120159

Ion Ratio Lower Upper

83 100

85 62.6 44.2 82.2

131 7.8 7.0 10.6



#59

Bromoform

Concen: 5.196 ug/L

RT: 10.287 min Scan# 2798

Delta R.T. 0.000 min

Lab File: VU054434.D

Acq: 08 Jun 2023 10:09

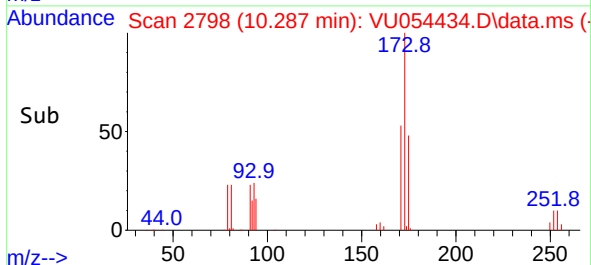
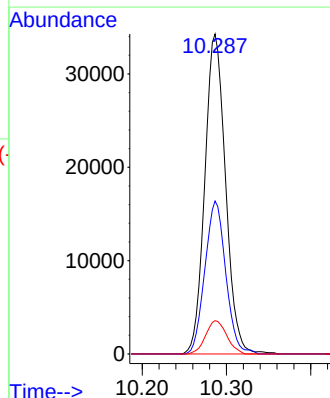
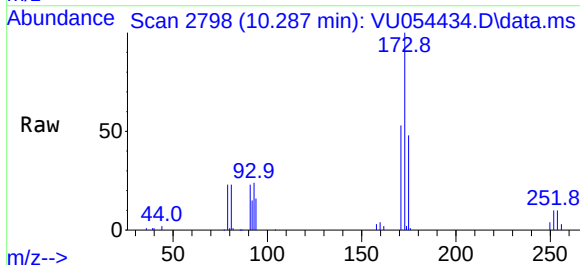
Tgt Ion:173 Resp: 58738

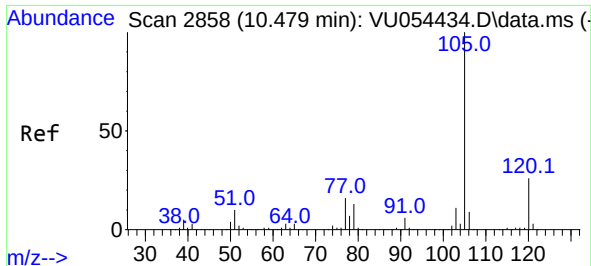
Ion Ratio Lower Upper

173 100

175 48.0 39.4 59.0

254 10.6 8.6 12.8

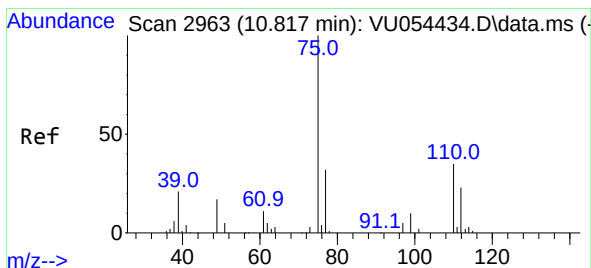
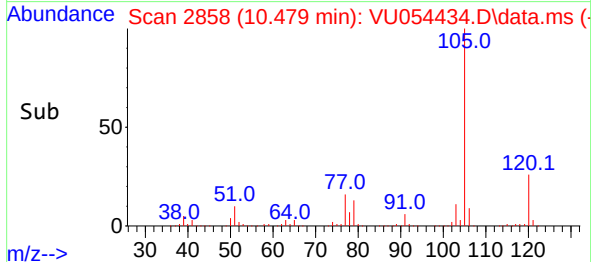
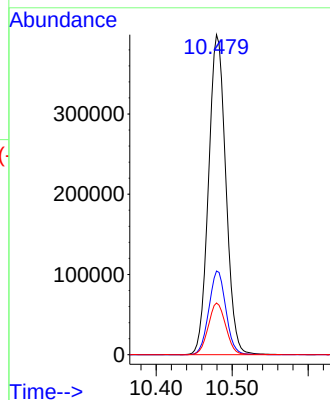
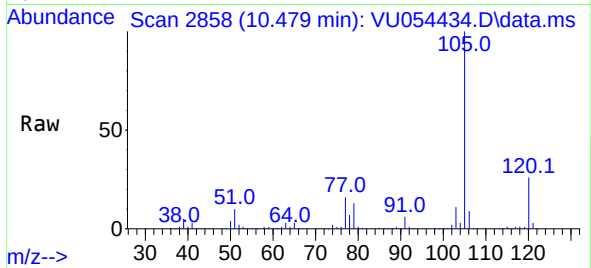




#60
Isopropylbenzene
Concen: 5.462 ug/L
RT: 10.479 min Scan# 2858
Delta R.T. 0.000 min
Lab File: VU054434.D
Acq: 08 Jun 2023 10:09

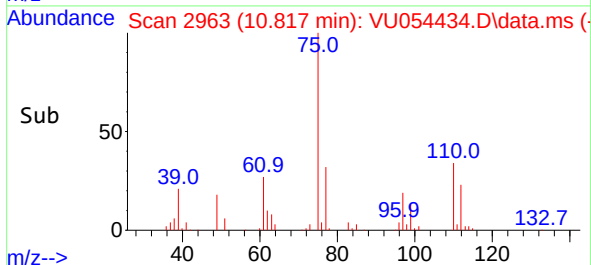
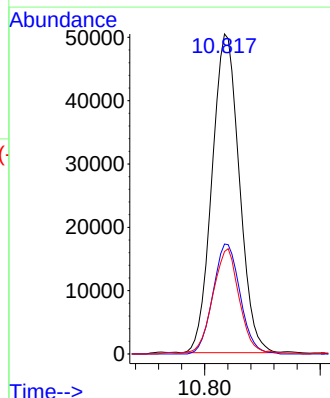
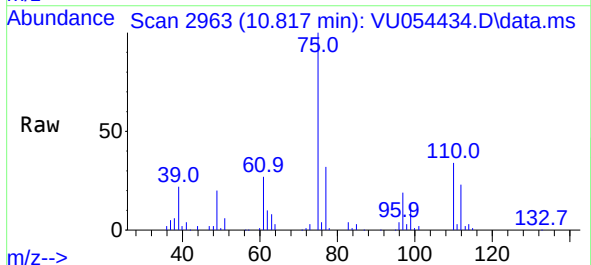
Instrument :
MSVOA_U
ClientSampleId :
VSTD005175

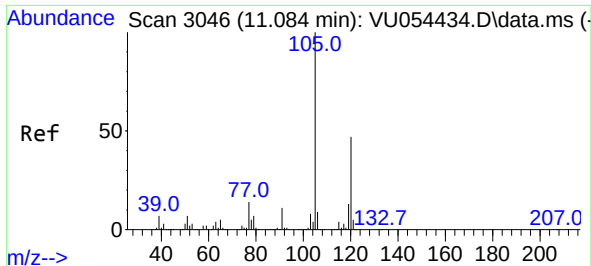
Tgt Ion:105 Resp: 629183
Ion Ratio Lower Upper
105 100
120 25.7 20.9 31.3
77 16.3 13.2 19.8



#61
1,2,3-Trichloropropane
Concen: 5.184 ug/L
RT: 10.817 min Scan# 2963
Delta R.T. 0.000 min
Lab File: VU054434.D
Acq: 08 Jun 2023 10:09

Tgt Ion: 75 Resp: 82499
Ion Ratio Lower Upper
75 100
110 34.3 28.0 42.0
77 32.4 25.4 38.2

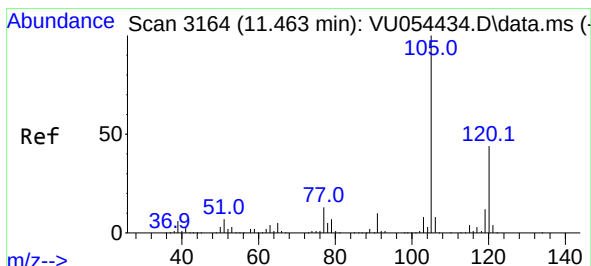
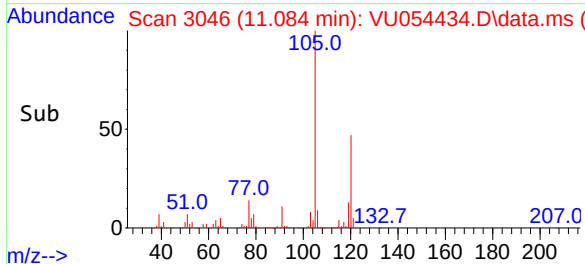
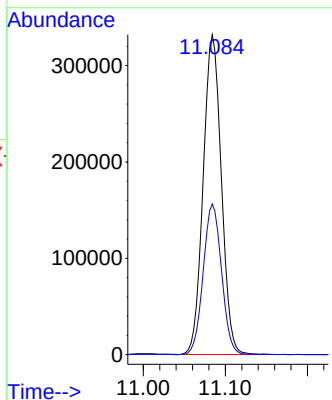
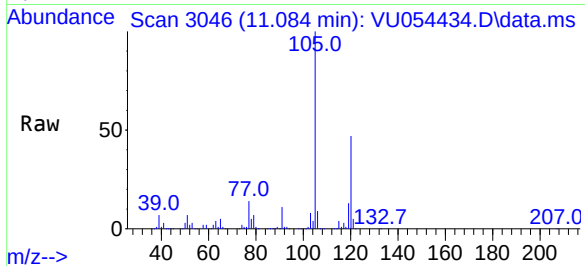




#62
 1,3,5-Trimethylbenzene
 Concen: 5.424 ug/L
 RT: 11.084 min Scan# 3046
 Delta R.T. 0.000 min
 Lab File: VU054434.D
 Acq: 08 Jun 2023 10:09

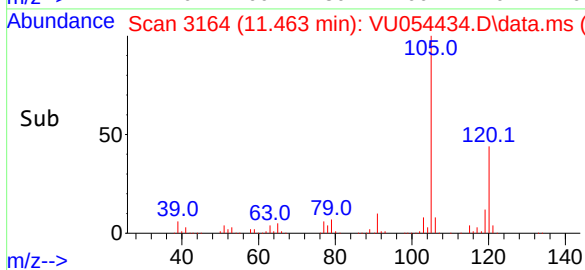
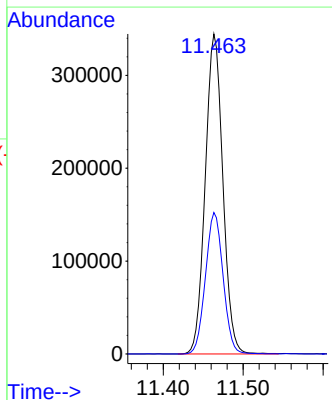
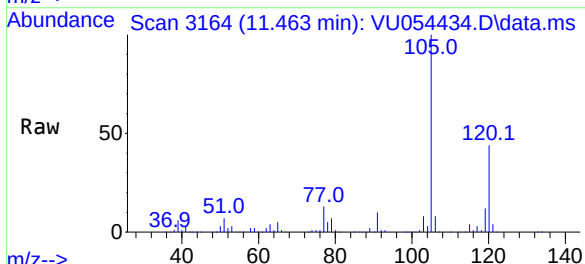
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005175

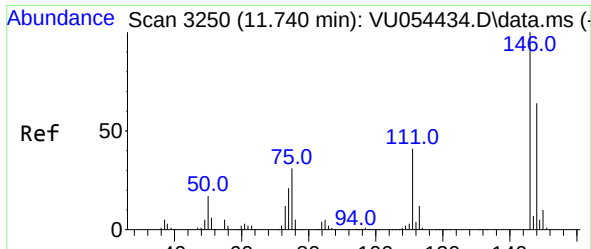
Tgt Ion:105 Resp: 509798
 Ion Ratio Lower Upper
 105 100
 120 47.6 37.9 56.9



#63
 1,2,4-Trimethylbenzene
 Concen: 5.539 ug/L
 RT: 11.463 min Scan# 3164
 Delta R.T. 0.000 min
 Lab File: VU054434.D
 Acq: 08 Jun 2023 10:09

Tgt Ion:105 Resp: 528763
 Ion Ratio Lower Upper
 105 100
 120 44.3 35.4 53.0

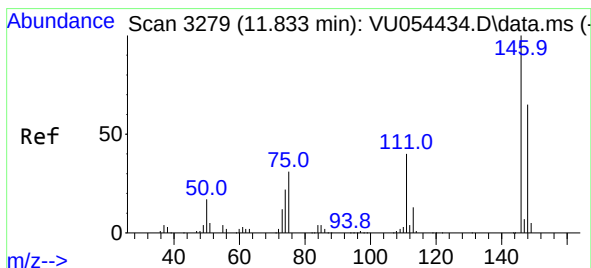
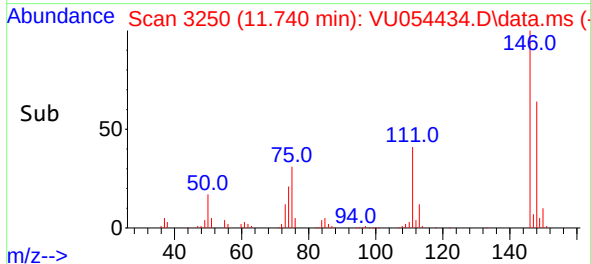
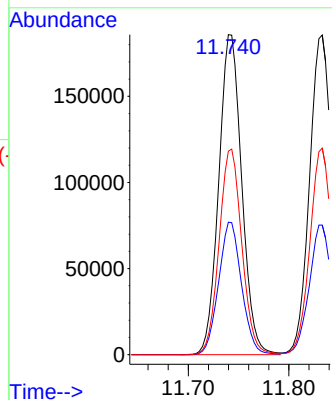
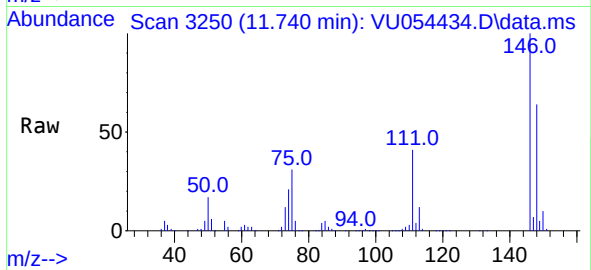




#64
1,3-Dichlorobenzene
Concen: 5.484 ug/L
RT: 11.740 min Scan# 311
Delta R.T. 0.000 min
Lab File: VU054434.D
Acq: 08 Jun 2023 10:09

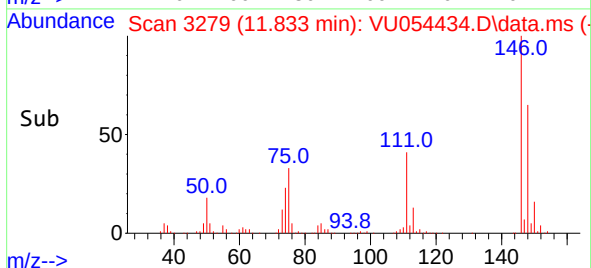
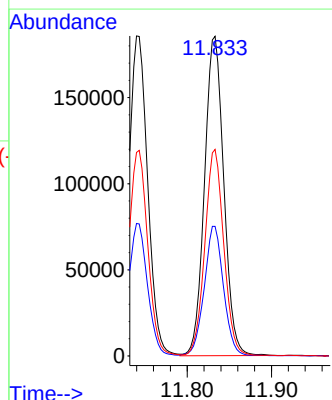
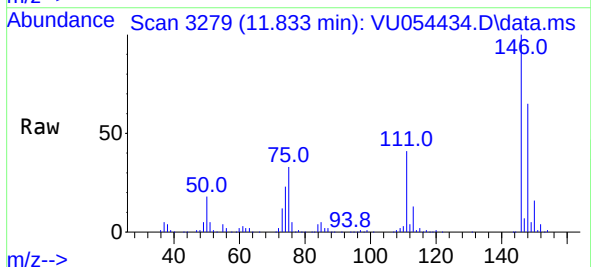
Instrument :
MSVOA_U
ClientSampleId :
VSTD005175

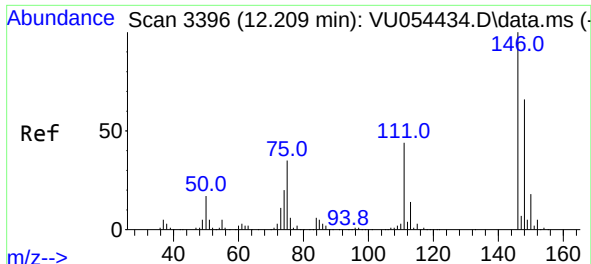
Tgt Ion:146 Resp: 295311
Ion Ratio Lower Upper
146 100
111 41.4 28.9 53.7
148 63.6 44.0 81.8



#65
1,4-Dichlorobenzene
Concen: 5.471 ug/L
RT: 11.833 min Scan# 3279
Delta R.T. 0.003 min
Lab File: VU054434.D
Acq: 08 Jun 2023 10:09

Tgt Ion:146 Resp: 295680
Ion Ratio Lower Upper
146 100
111 40.6 28.0 52.0
148 64.6 44.7 83.1





#67

1,2-Dichlorobenzene

Concen: 5.355 ug/L

RT: 12.209 min Scan# 3396

Delta R.T. 0.003 min

Lab File: VU054434.D

Acq: 08 Jun 2023 10:09

Instrument :

MSVOA_U

ClientSampleId :

VSTD005175

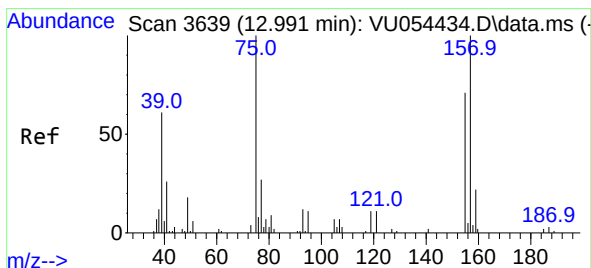
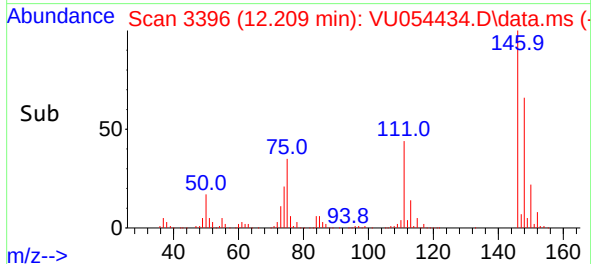
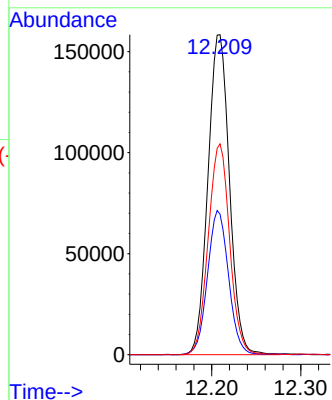
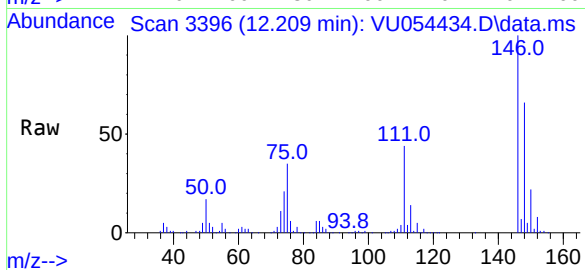
Tgt Ion:146 Resp: 265188

Ion Ratio Lower Upper

146 100

111 43.9 34.5 51.7

148 65.9 50.9 76.3



#68

1,2-Dibromo-3-chloropropane

Concen: 5.476 ug/L

RT: 12.991 min Scan# 3639

Delta R.T. -0.003 min

Lab File: VU054434.D

Acq: 08 Jun 2023 10:09

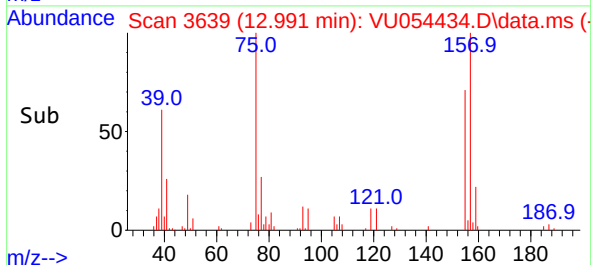
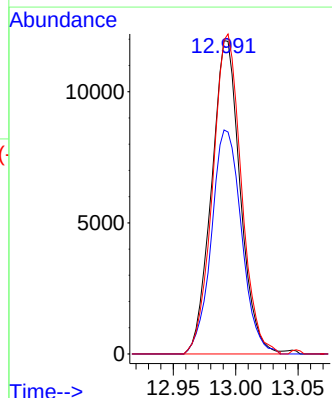
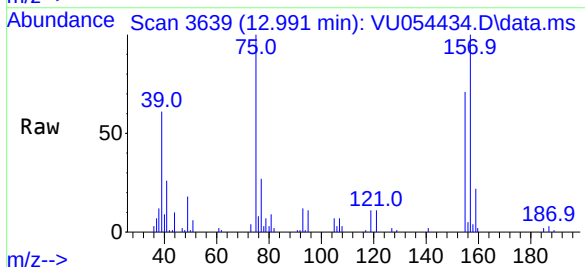
Tgt Ion: 75 Resp: 19149

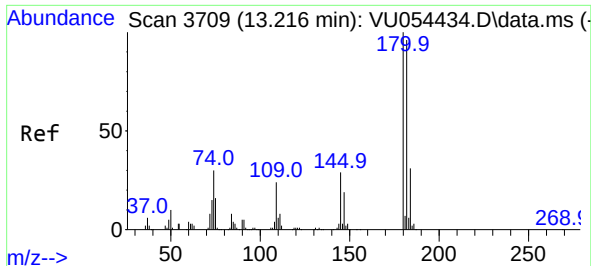
Ion Ratio Lower Upper

75 100

155 71.5 65.7 98.5

157 100.2 84.2 126.2





#69

1,3,5-Trichlorobenzene

Concen: 5.616 ug/L

RT: 13.216 min Scan# 31

Delta R.T. 0.000 min

Lab File: VU054434.D

Acq: 08 Jun 2023 10:09

Instrument :

MSVOA_U

ClientSampleId :

VSTD005175

Tgt Ion:180 Resp: 228158

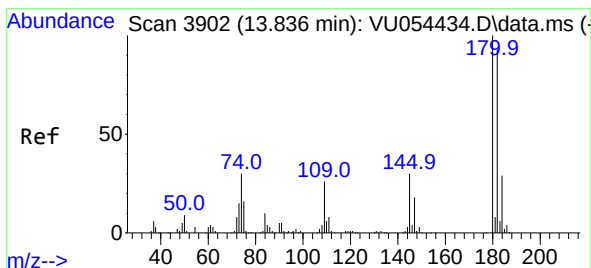
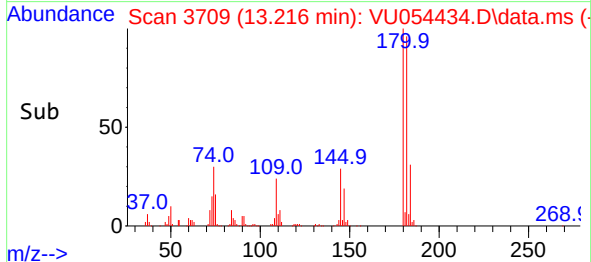
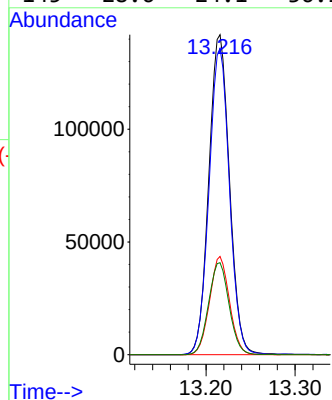
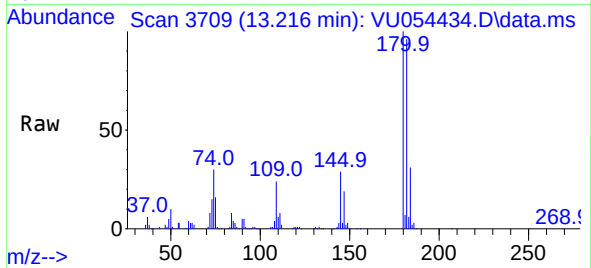
Ion Ratio Lower Upper

180 100

182 94.8 75.0 112.6

184 29.6 24.1 36.1

145 28.6 24.1 36.1



#70

1,2,4-trichlorobenzene

Concen: 6.168 ug/L

RT: 13.836 min Scan# 3902

Delta R.T. 0.000 min

Lab File: VU054434.D

Acq: 08 Jun 2023 10:09

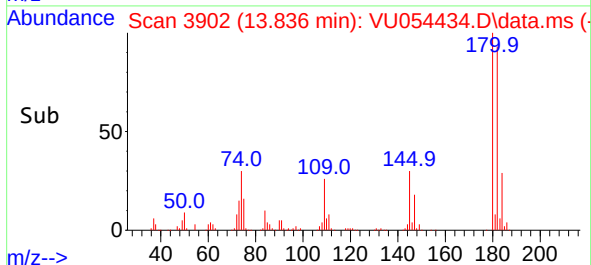
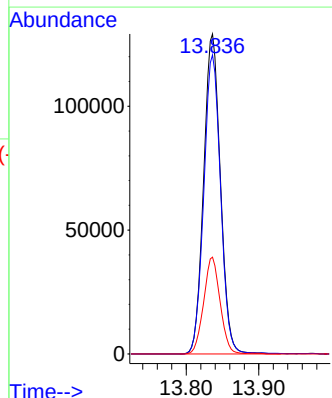
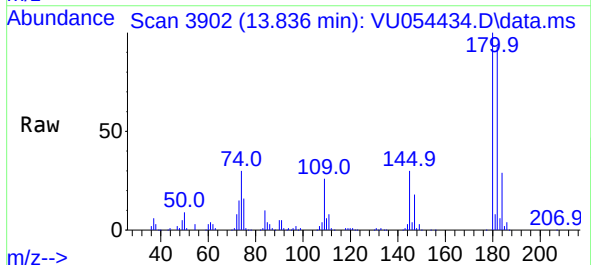
Tgt Ion:180 Resp: 207219

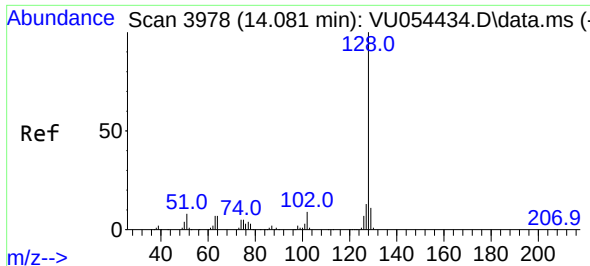
Ion Ratio Lower Upper

180 100

182 93.6 76.6 114.8

145 29.6 24.0 36.0

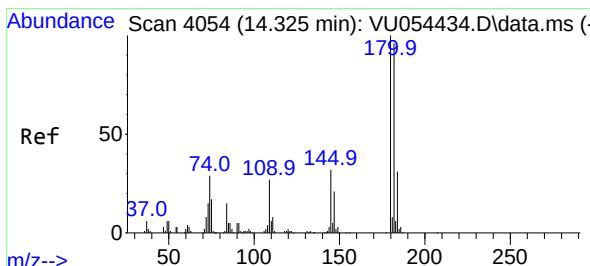
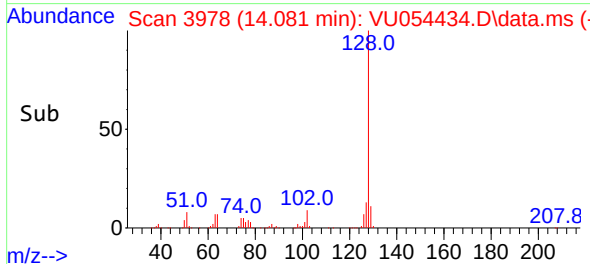
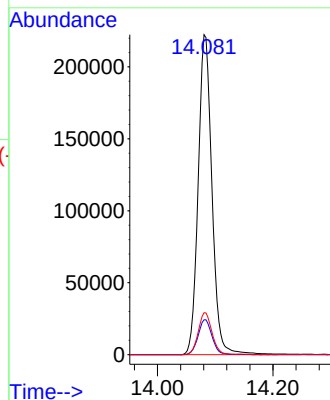
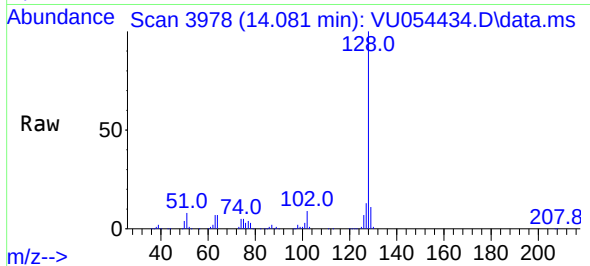




#71
Naphthalene
Concen: 6.744 ug/L
RT: 14.081 min Scan# 3978
Delta R.T. 0.000 min
Lab File: VU054434.D
Acq: 08 Jun 2023 10:09

Instrument :
MSVOA_U
ClientSampleId :
VSTD005175

Tgt Ion:128 Resp: 368395
Ion Ratio Lower Upper
128 100
129 11.0 8.6 12.8
127 13.1 10.6 15.8



#72
1,2,3-Trichlorobenzene
Concen: 6.453 ug/L
RT: 14.325 min Scan# 4054
Delta R.T. 0.000 min
Lab File: VU054434.D
Acq: 08 Jun 2023 10:09

Tgt Ion:180 Resp: 186238
Ion Ratio Lower Upper
180 100
182 94.2 75.4 113.2
145 31.8 26.0 39.0

