

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU020823\
 Data File : VU052995.D
 Acq On : 08 Feb 2023 12:03
 Operator : JC/MD
 Sample : VSTD00574
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005073

Quant Time: Feb 09 00:34:35 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM020823WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Feb 09 00:33:30 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.244	114	288569	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	272013	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	149235	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.598	65	13637	6.196	ug/L	0.00
7) Chloroethane-d5	2.199	69	322	0.179	ug/L	0.29
11) 1,1-Dichloroethene-d2	2.569	63	21598	5.238	ug/L	0.00
21) 2-Butanone-d5	4.640	46	9945	8.077	ug/L	0.01
24) Chloroform-d	5.061	84	22348	5.028	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.701	65	13917	4.989	ug/L	0.00
32) Benzene-d6	5.727	84	45432	5.375	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.688	67	14605	5.841	ug/L	0.00
41) Toluene-d8	7.897	98	44251	5.666	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.177	79	7451	5.803	ug/L	0.00
47) 2-Hexanone-d5	8.633	63	7813	9.250	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.752	84	18821	5.144	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.189	152	15991	5.359	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.383	85	11733	4.450	ug/L	94
3) Chloromethane	1.521	50	11562	5.230	ug/L	99
5) Vinyl chloride	1.605	62	13927	5.588	ug/L	99
6) Bromomethane	1.859	94	9152	5.719	ug/L	100
8) Chloroethane	1.936	64	8419	5.395	ug/L	98
9) Trichlorofluoromethane	2.138	101	20742	5.041	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.582	101	10318	4.543	ug/L	93
12) 1,1-Dichloroethene	2.582	96	9950	4.745	ug/L	88
13) Acetone	2.650	43	12321	8.496	ug/L	97
14) Carbon disulfide	2.794	76	29806	4.715	ug/L	97
15) Methyl Acetate	2.952	43	7373	3.775	ug/L	96
16) Methylene chloride	3.045	84	13569	5.471	ug/L	94
17) trans-1,2-Dichloroethene	3.354	96	11072	4.912	ug/L	85
18) Methyl tert-butyl Ether	3.360	73	33173	4.973	ug/L #	91
19) 1,1-Dichloroethane	3.865	63	18692	4.750	ug/L #	88
20) cis-1,2-Dichloroethene	4.666	96	11998	4.937	ug/L #	87
22) 2-Butanone	4.717	43	12288	7.908	ug/L	91
23) Bromochloromethane	4.971	128	6645	4.916	ug/L	94
25) Chloroform	5.084	83	20621	4.661	ug/L	100
27) 1,2-Dichloroethane	5.794	62	14577	4.246	ug/L #	77
29) Cyclohexane	5.386	56	18181	5.701	ug/L	96
30) 1,1,1-Trichloroethane	5.312	97	18370	4.689	ug/L	99
31) Carbon tetrachloride	5.524	117	15936	4.689	ug/L	99
33) Benzene	5.772	78	42694	4.694	ug/L	100
34) Trichloroethene	6.540	95	12048	5.135	ug/L	87
35) Methylcyclohexane	6.762	83	21120	5.656	ug/L	93
37) 1,2-Dichloropropane	6.788	63	11529	5.137	ug/L #	90
38) Bromodichloromethane	7.103	83	16060	4.854	ug/L	98
39) cis-1,3-Dichloropropene	7.604	75	18621	5.207	ug/L	92
42) Toluene	7.968	91	50305	5.326	ug/L	92
44) trans-1,3-Dichloropropene	8.209	75	18391	5.249	ug/L	98
45) 1,1,2-Trichloroethane	8.399	97	11557	5.024	ug/L	95

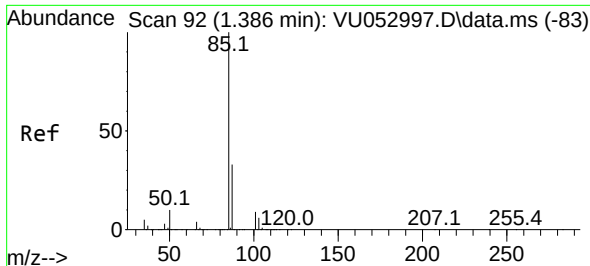
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU020823\
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) Tetrachloroethene	8.550	164	9169	4.613	ug/L	93
48) 2-Hexanone	8.685	43	17478	8.233	ug/L #	87
49) Dibromochloromethane	8.807	129	13254	4.791	ug/L	100
50) 1,2-Dibromoethane	8.923	107	12373	4.969	ug/L #	92
51) Chlorobenzene	9.443	112	31628	4.885	ug/L	97
52) Ethylbenzene	9.566	91	54249	5.342	ug/L	99
53) m,p-Xylene	9.691	106	21491	5.257	ug/L	99
54) o-xylene	10.096	106	21266	5.444	ug/L	93
55) Styrene	10.112	104	34017	5.086	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.778	83	18357	4.968	ug/L	97
59) Bromoform	10.286	173	10111	4.972	ug/L	98
60) 1,2,3-Trichloropropane	10.820	75	13239	4.699	ug/L	97
61) Isopropylbenzene	10.482	105	55151	5.693	ug/L	98
62) 1,3,5-Trimethylbenzene	11.083	105	48116	5.917	ug/L	96
63) 1,2,4-Trimethylbenzene	11.463	105	46546	5.918	ug/L	94
64) 1,3-Dichlorobenzene	11.742	146	23213	4.779	ug/L	95
65) 1,4-Dichlorobenzene	11.832	146	24384	4.874	ug/L	97
67) 1,2-Dichlorobenzene	12.209	146	24591	5.046	ug/L	95
68) 1,2-Dibromo-3-chloropr...	12.993	75	3941	4.831	ug/L	97
69) 1,3,5-Trichlorobenzene	13.215	180	17474	4.791	ug/L	99
70) 1,2,4-trichlorobenzene	13.839	180	15140	4.882	ug/L	98
71) Naphthalene	14.083	128	46121	5.203	ug/L	98
72) 1,2,3-Trichlorobenzene	14.324	180	14914	4.628	ug/L	99

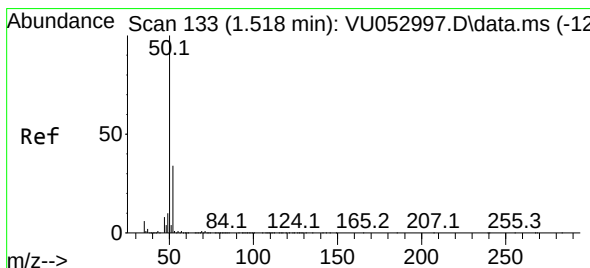
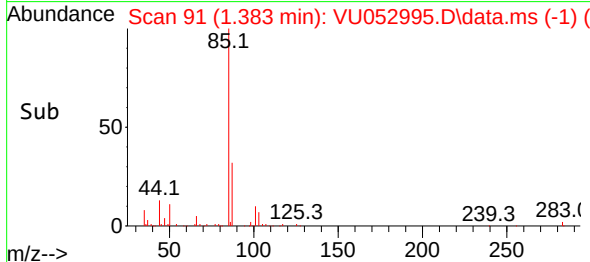
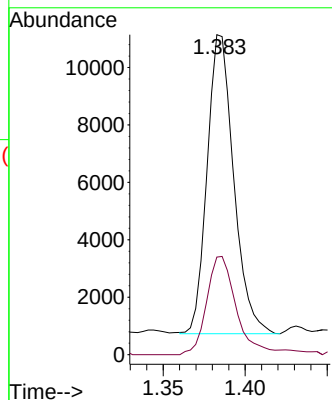
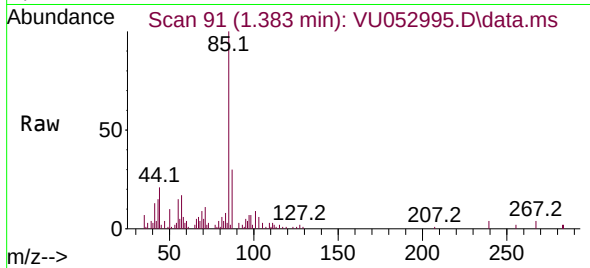
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
 Dichlorodifluoromethane
 Concen: 4.450 ug/L
 RT: 1.383 min Scan# 91
 Delta R.T. -0.003 min
 Lab File: VU052995.D
 Acq: 08 Feb 2023 12:03

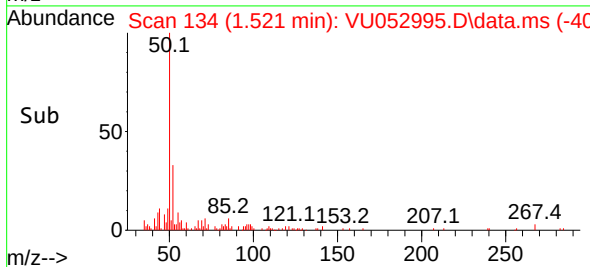
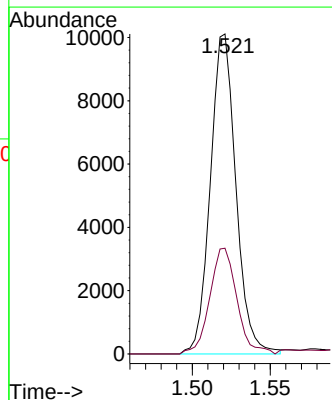
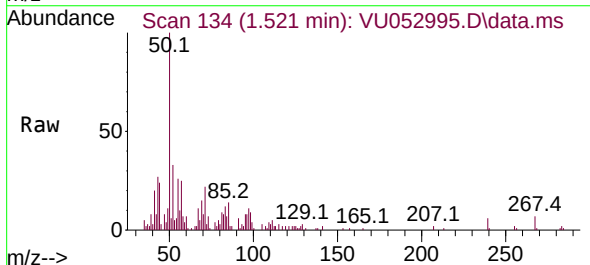
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005073

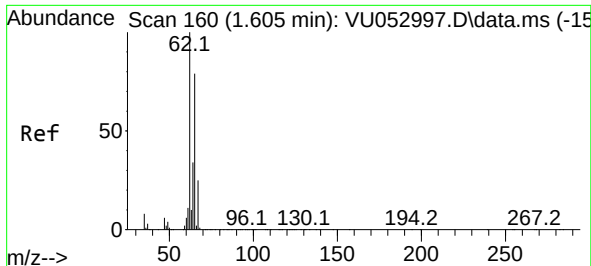
Tgt Ion: 85 Resp: 11733
 Ion Ratio Lower Upper
 85 100
 87 36.2 26.4 39.6



#3
 Chloromethane
 Concen: 5.230 ug/L
 RT: 1.521 min Scan# 134
 Delta R.T. 0.003 min
 Lab File: VU052995.D
 Acq: 08 Feb 2023 12:03

Tgt Ion: 50 Resp: 11562
 Ion Ratio Lower Upper
 50 100
 52 33.1 23.4 43.4

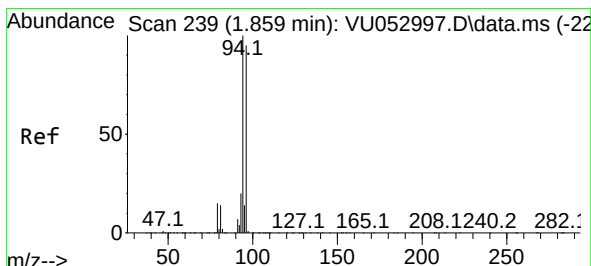
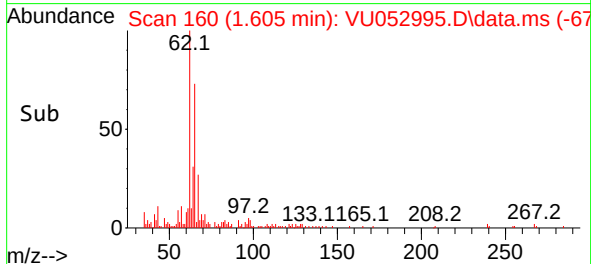
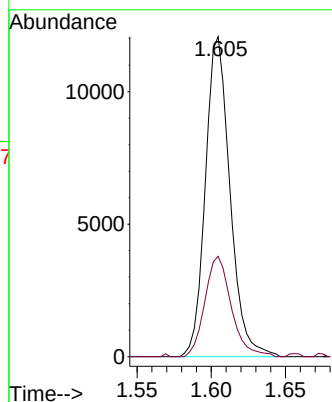
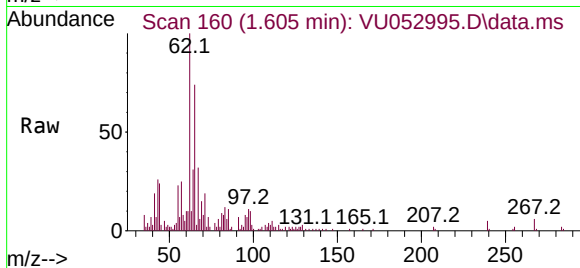




#5
 Vinyl chloride
 Concen: 5.588 ug/L
 RT: 1.605 min Scan# 160
 Delta R.T. -0.000 min
 Lab File: VU052995.D
 Acq: 08 Feb 2023 12:03

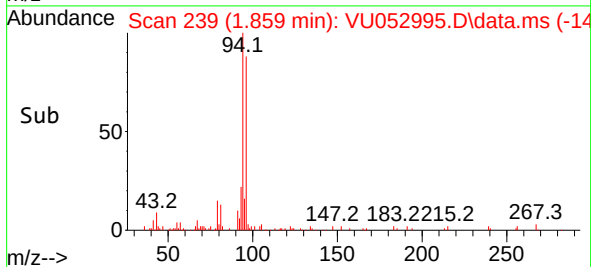
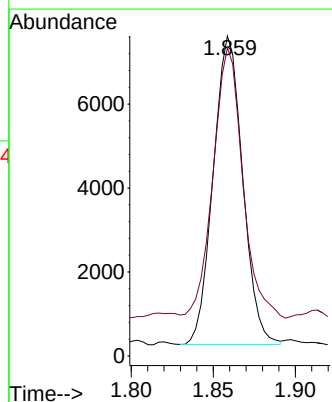
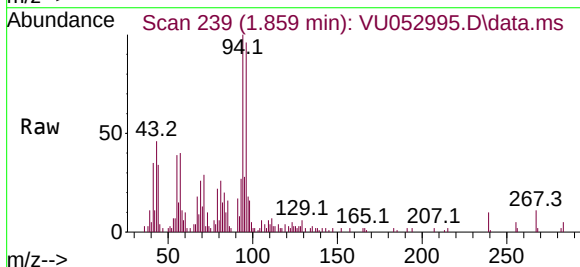
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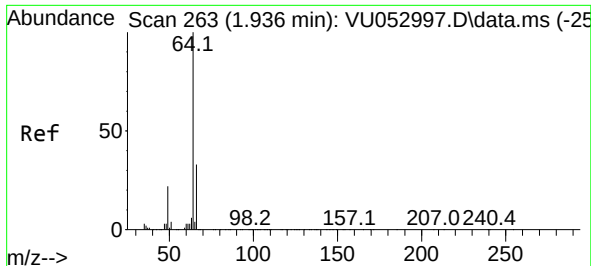
Tgt Ion: 62 Resp: 13927
 Ion Ratio Lower Upper
 62 100
 64 31.4 22.4 41.6



#6
 Bromomethane
 Concen: 5.719 ug/L
 RT: 1.859 min Scan# 239
 Delta R.T. -0.000 min
 Lab File: VU052995.D
 Acq: 08 Feb 2023 12:03

Tgt Ion: 94 Resp: 9152
 Ion Ratio Lower Upper
 94 100
 96 96.3 67.8 125.8

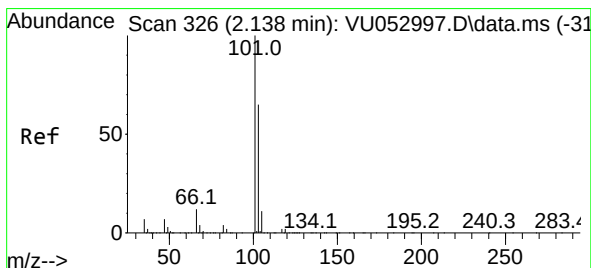
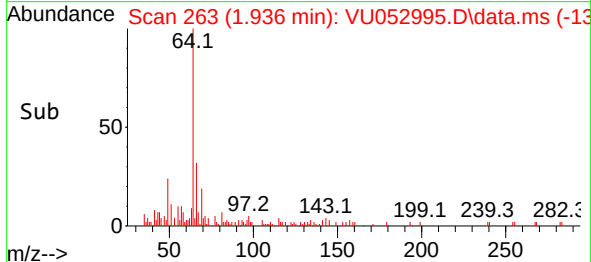
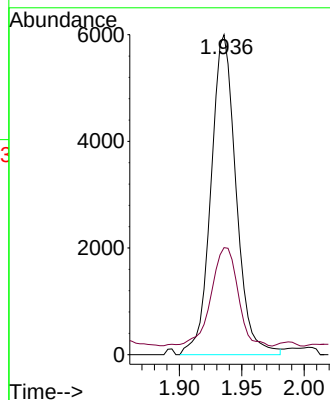
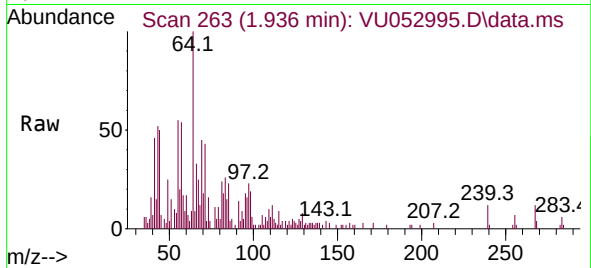




#8
Chloroethane
Concen: 5.395 ug/L
RT: 1.936 min Scan# 263
Delta R.T. -0.000 min
Lab File: VU052995.D
Acq: 08 Feb 2023 12:03

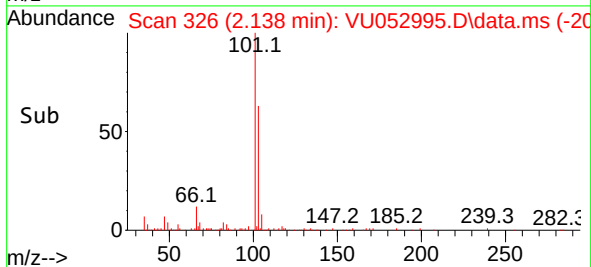
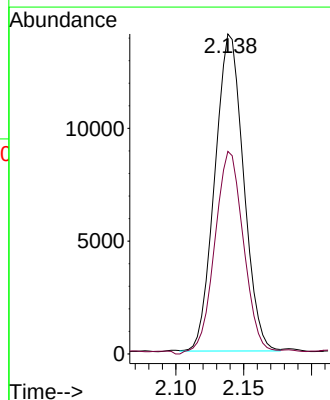
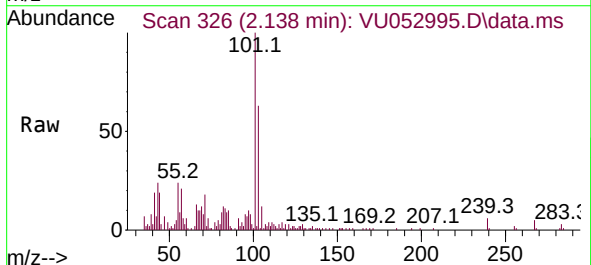
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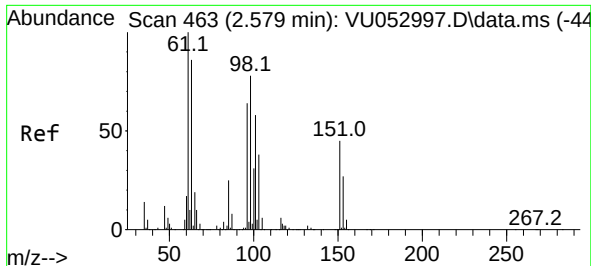
Tgt Ion: 64 Resp: 8419
Ion Ratio Lower Upper
64 100
66 33.5 24.1 44.7



#9
Trichlorofluoromethane
Concen: 5.041 ug/L
RT: 2.138 min Scan# 326
Delta R.T. -0.000 min
Lab File: VU052995.D
Acq: 08 Feb 2023 12:03

Tgt Ion:101 Resp: 20742
Ion Ratio Lower Upper
101 100
103 64.4 52.0 78.0

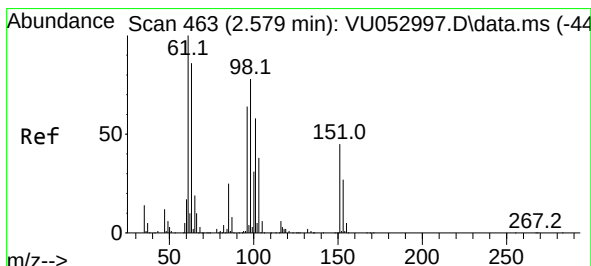
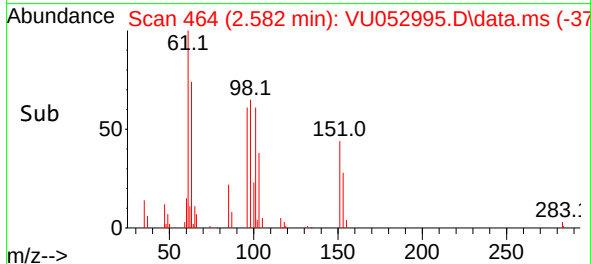
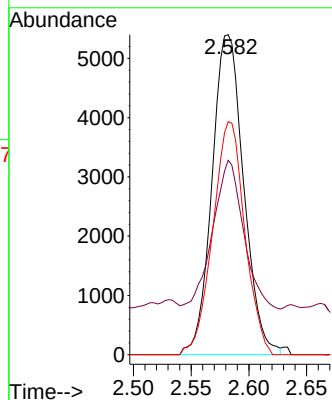
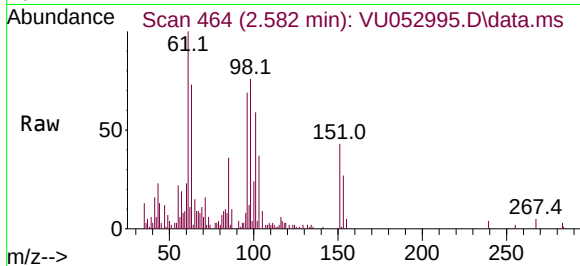




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 4.543 ug/L
RT: 2.582 min Scan# 464
Delta R.T. 0.003 min
Lab File: VU052995.D
Acq: 08 Feb 2023 12:03

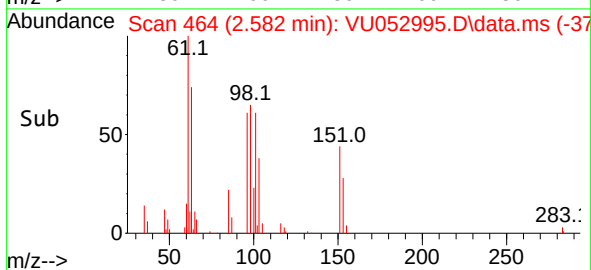
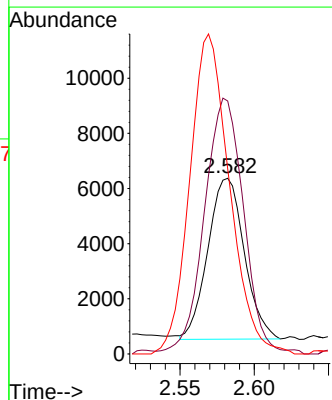
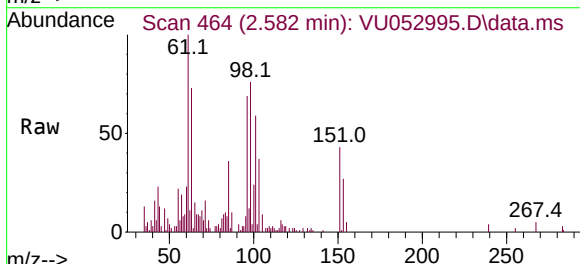
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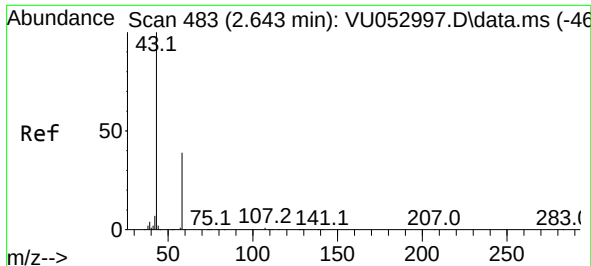
Tgt Ion:101 Resp: 10318
Ion Ratio Lower Upper
101 100
85 46.1 32.9 49.3
151 73.3 62.6 94.0



#12
1,1-Dichloroethene
Concen: 4.745 ug/L
RT: 2.582 min Scan# 464
Delta R.T. 0.003 min
Lab File: VU052995.D
Acq: 08 Feb 2023 12:03

Tgt Ion: 96 Resp: 9950
Ion Ratio Lower Upper
96 100
61 143.9 114.3 212.3
63 105.3 80.6 149.6

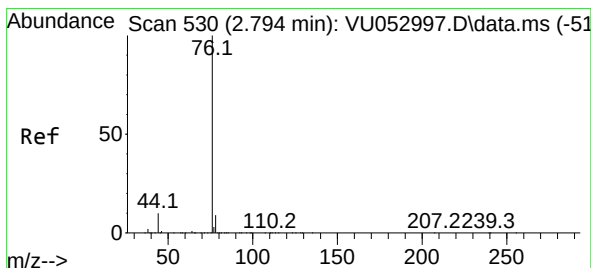
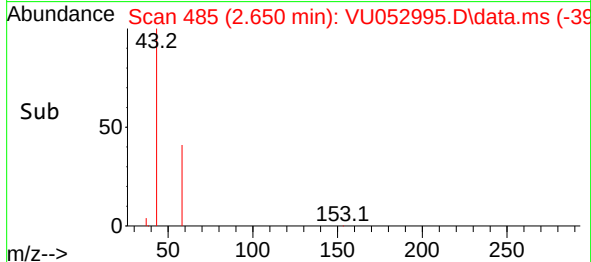
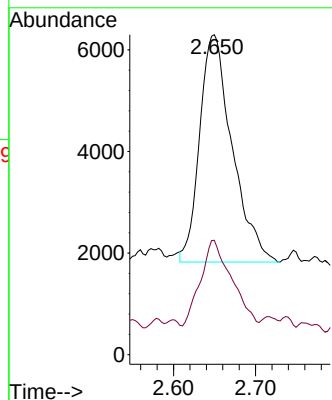
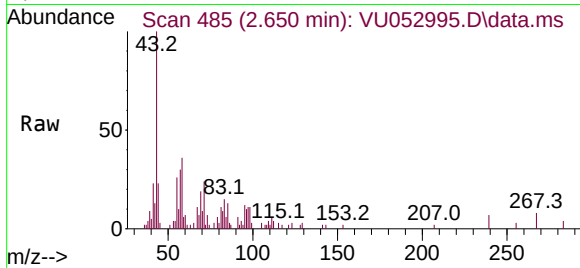




#13
Acetone
Concen: 8.496 ug/L
RT: 2.650 min Scan# 41
Delta R.T. 0.006 min
Lab File: VU052995.D
Acq: 08 Feb 2023 12:03

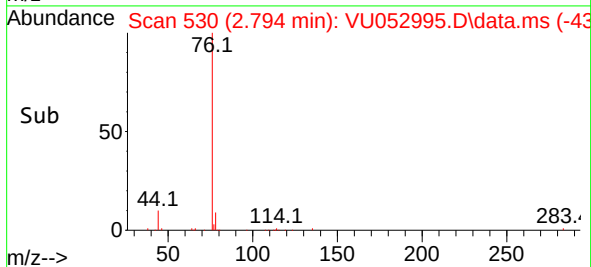
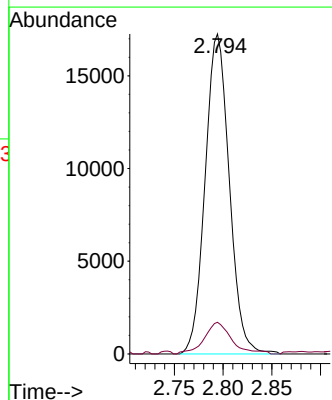
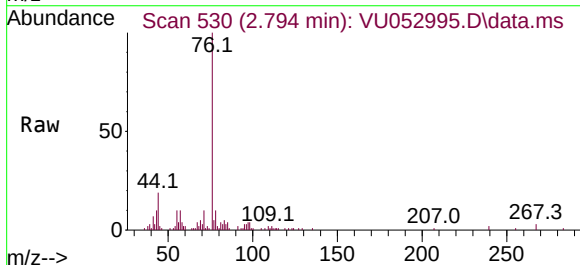
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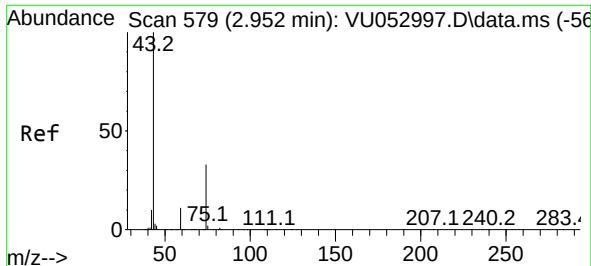
Tgt Ion: 43 Resp: 12321
Ion Ratio Lower Upper
43 100
58 36.8 0.0 70.2



#14
Carbon disulfide
Concen: 4.715 ug/L
RT: 2.794 min Scan# 530
Delta R.T. -0.000 min
Lab File: VU052995.D
Acq: 08 Feb 2023 12:03

Tgt Ion: 76 Resp: 29806
Ion Ratio Lower Upper
76 100
78 9.9 7.1 10.7

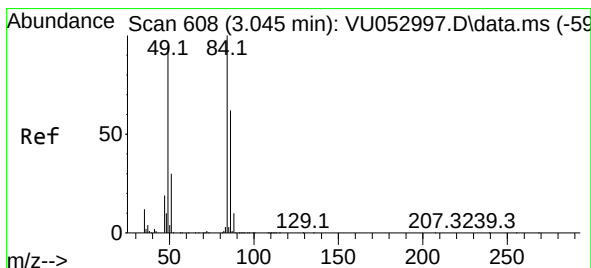
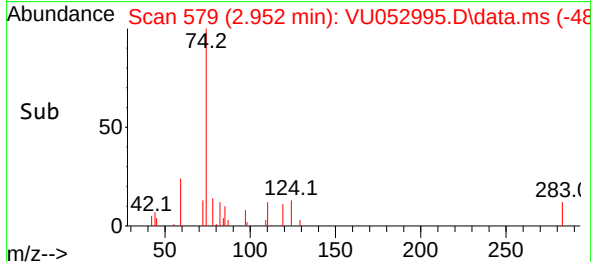
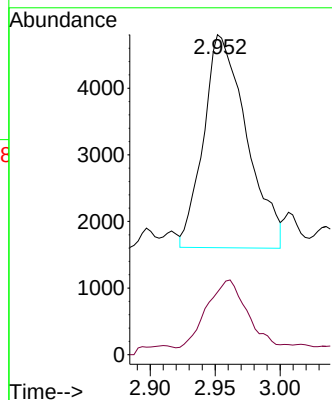
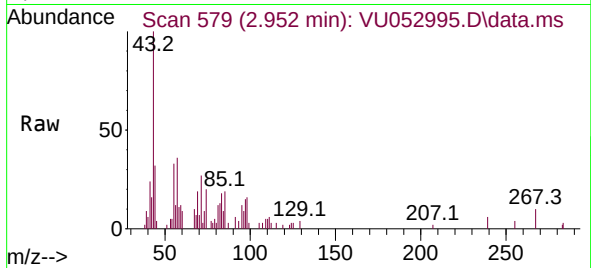




#15
Methyl Acetate
Concen: 3.775 ug/L
RT: 2.952 min Scan# 51
Delta R.T. -0.000 min
Lab File: VU052995.D
Acq: 08 Feb 2023 12:03

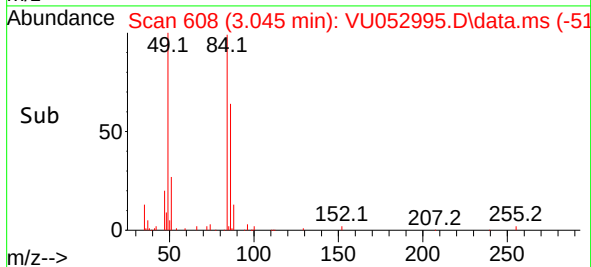
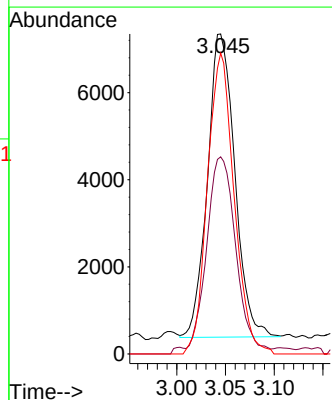
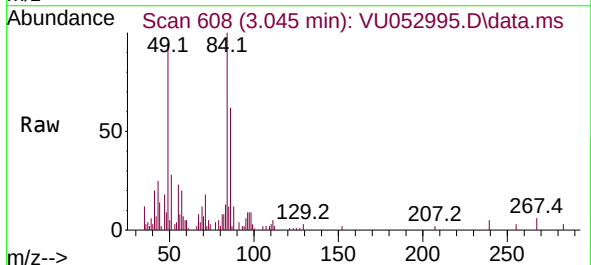
Instrument :
MSVOA_U
ClientSampleId :
VSTD005073

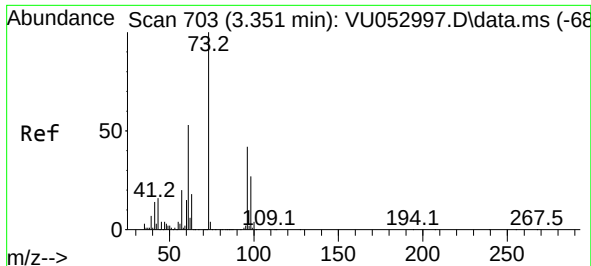
Tgt Ion: 43 Resp: 7373
Ion Ratio Lower Upper
43 100
74 29.6 22.0 33.0



#16
Methylene chloride
Concen: 5.471 ug/L
RT: 3.045 min Scan# 608
Delta R.T. -0.000 min
Lab File: VU052995.D
Acq: 08 Feb 2023 12:03

Tgt Ion: 84 Resp: 13569
Ion Ratio Lower Upper
84 100
86 61.6 43.4 80.6
49 94.0 72.4 134.5

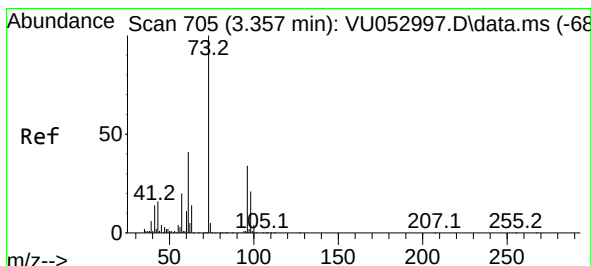
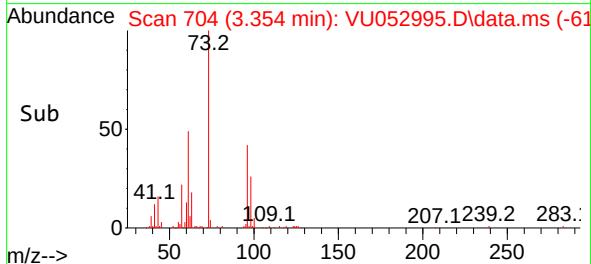
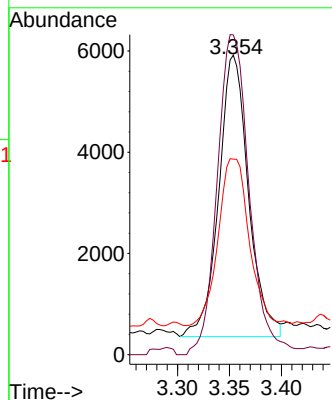
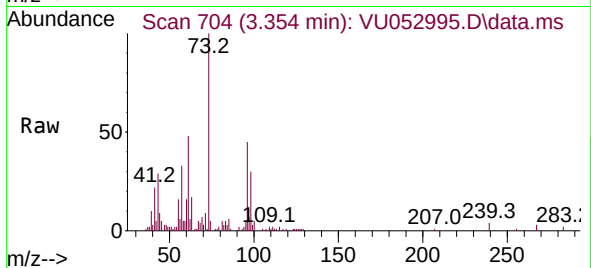




#17
trans-1,2-Dichloroethene
Concen: 4.912 ug/L
RT: 3.354 min Scan# 703
Delta R.T. 0.003 min
Lab File: VU052995.D
Acq: 08 Feb 2023 12:03

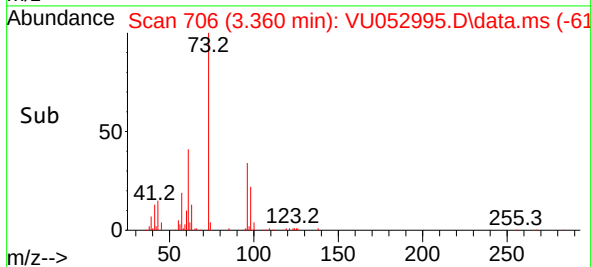
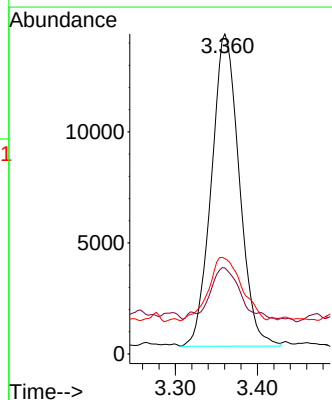
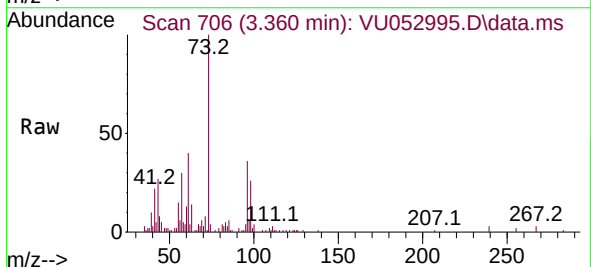
Instrument :
MSVOA_U
ClientSampleId :
VSTD005073

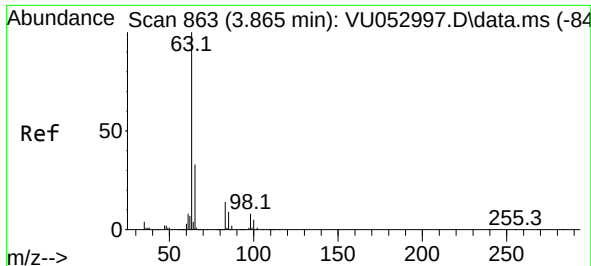
Tgt Ion: 96 Resp: 11072
Ion Ratio Lower Upper
96 100
61 106.8 92.7 172.3
98 65.3 44.7 82.9



#18
Methyl tert-butyl Ether
Concen: 4.973 ug/L
RT: 3.360 min Scan# 706
Delta R.T. 0.003 min
Lab File: VU052995.D
Acq: 08 Feb 2023 12:03

Tgt Ion: 73 Resp: 33173
Ion Ratio Lower Upper
73 100
43 13.6 14.2 21.2#
57 24.1 16.3 24.5





#19

1,1-Dichloroethane

Concen: 4.750 ug/L

RT: 3.865 min Scan# 863

Delta R.T. -0.000 min

Lab File: VU052995.D

Acq: 08 Feb 2023 12:03

Instrument :

MSVOA_U

ClientSampleId :

VSTD005073

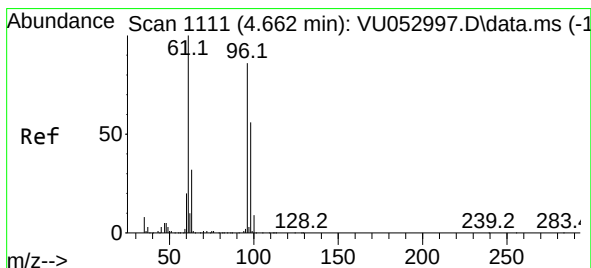
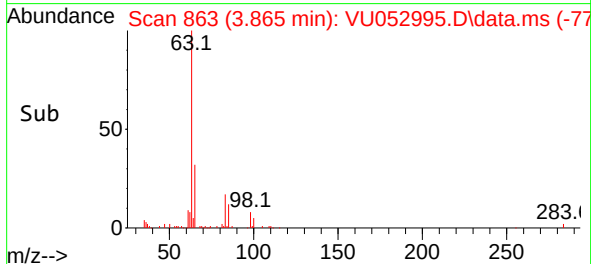
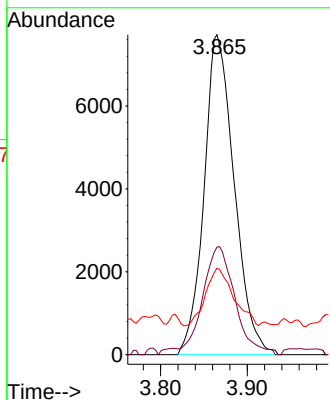
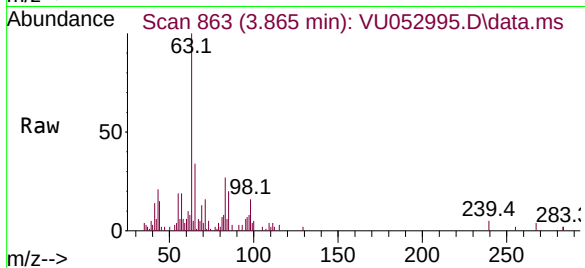
Tgt Ion: 63 Resp: 18692

Ion Ratio Lower Upper

63 100

65 33.6 22.4 41.6

83 27.0 9.2 17.2#



#20

cis-1,2-Dichloroethene

Concen: 4.937 ug/L

RT: 4.666 min Scan# 1112

Delta R.T. 0.003 min

Lab File: VU052995.D

Acq: 08 Feb 2023 12:03

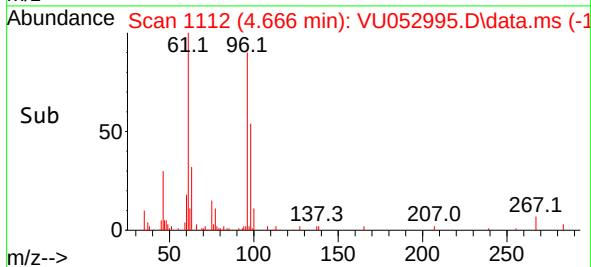
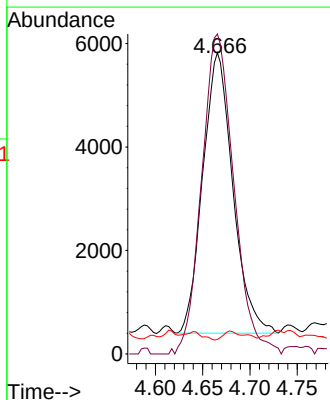
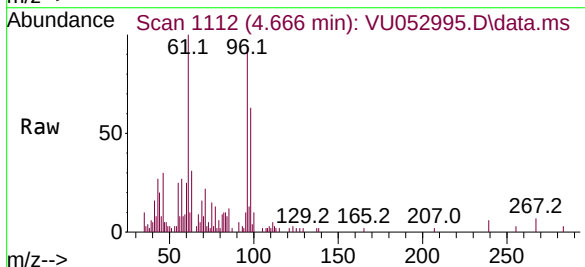
Tgt Ion: 96 Resp: 11998

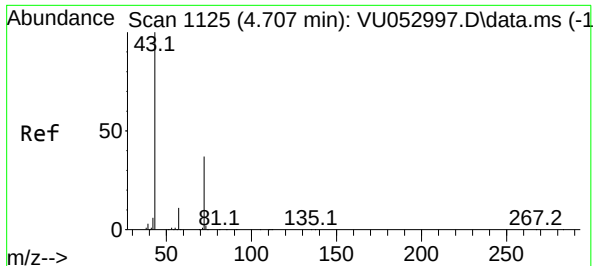
Ion Ratio Lower Upper

96 100

61 106.2 84.1 156.1

68 4.8 0.0 0.0#

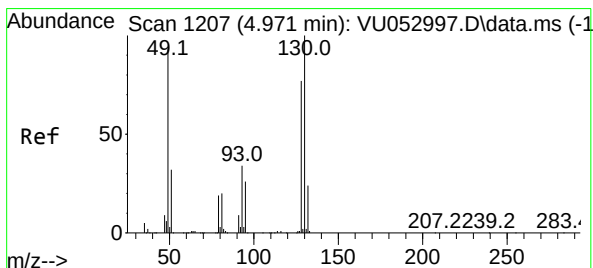
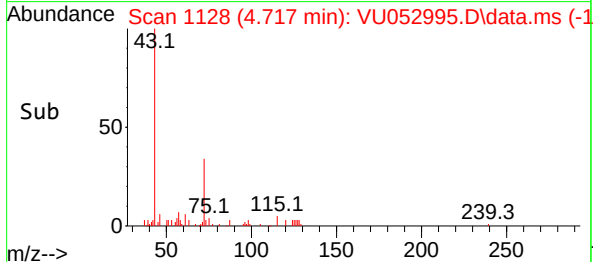
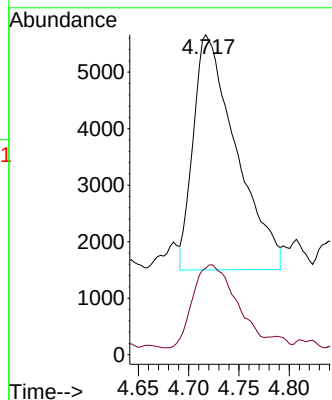
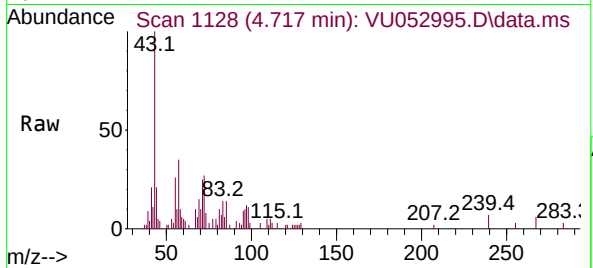




#22
2-Butanone
Concen: 7.908 ug/L
RT: 4.717 min Scan# 1125
Delta R.T. 0.010 min
Lab File: VU052995.D
Acq: 08 Feb 2023 12:03

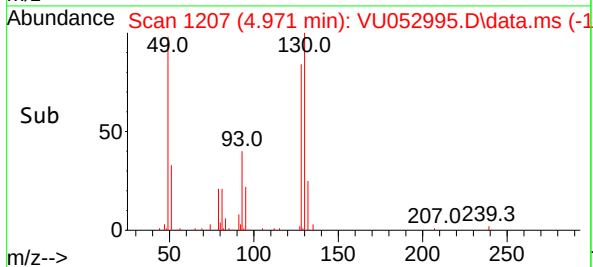
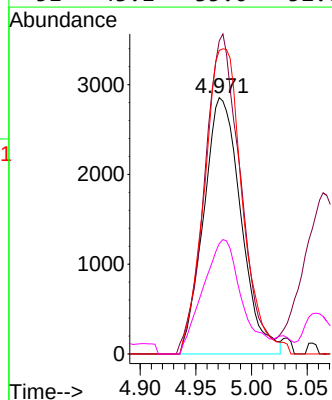
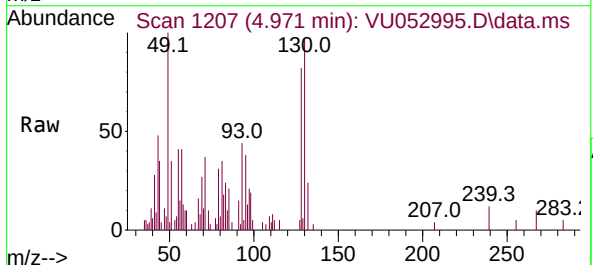
Instrument :
MSVOA_U
ClientSampleId :
VSTD005073

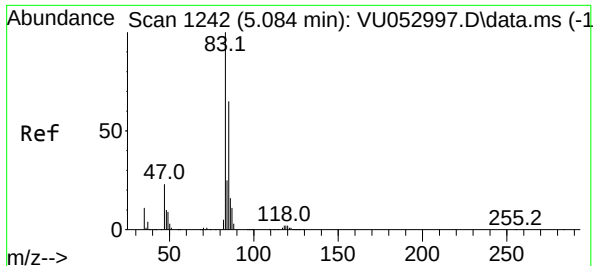
Tgt Ion: 43 Resp: 12288
Ion Ratio Lower Upper
43 100
72 35.8 15.5 46.5



#23
Bromochloromethane
Concen: 4.916 ug/L
RT: 4.971 min Scan# 1207
Delta R.T. -0.000 min
Lab File: VU052995.D
Acq: 08 Feb 2023 12:03

Tgt Ion: 128 Resp: 6645
Ion Ratio Lower Upper
128 100
49 122.2 90.1 167.3
130 118.4 90.1 167.3
51 43.1 35.0 52.6

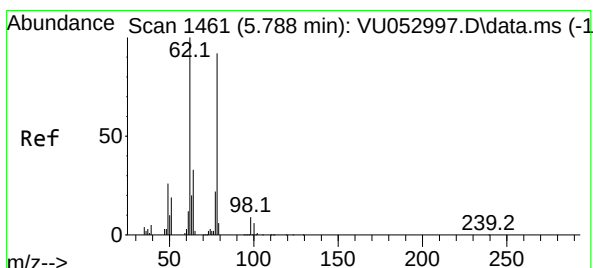
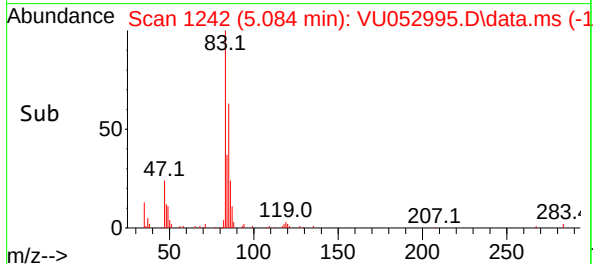
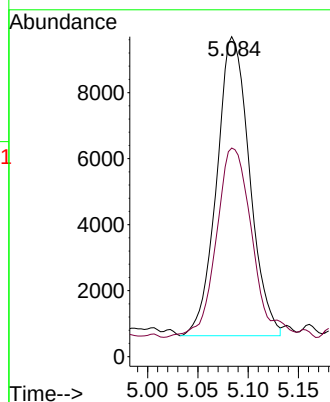
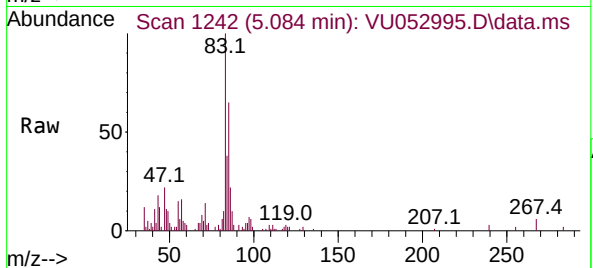




#25
Chloroform
Concen: 4.661 ug/L
RT: 5.084 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU052995.D
Acq: 08 Feb 2023 12:03

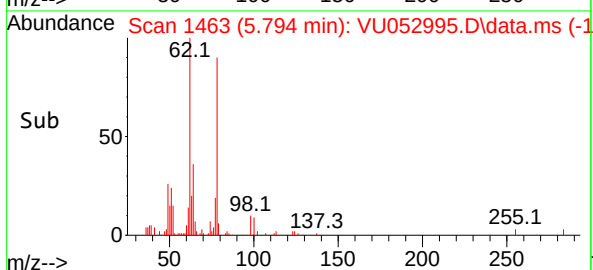
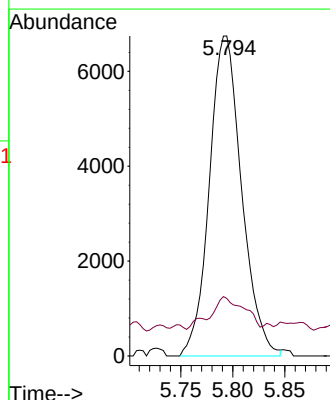
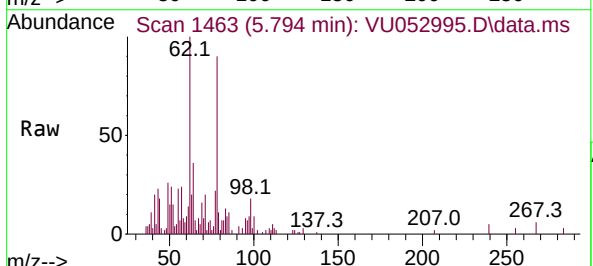
Instrument :
MSVOA_U
ClientSampleId :
VSTD005073

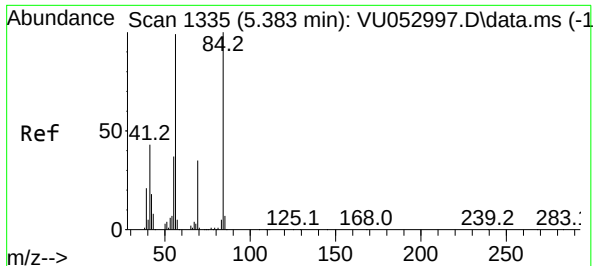
Tgt Ion: 83 Resp: 20621
Ion Ratio Lower Upper
83 100
85 65.2 45.8 85.0



#27
1,2-Dichloroethane
Concen: 4.246 ug/L
RT: 5.794 min Scan# 1463
Delta R.T. 0.006 min
Lab File: VU052995.D
Acq: 08 Feb 2023 12:03

Tgt Ion: 62 Resp: 14577
Ion Ratio Lower Upper
62 100
98 18.0 7.6 11.4#





#29

Cyclohexane

Concen: 5.701 ug/L

RT: 5.386 min Scan# 1336

Delta R.T. 0.003 min

Lab File: VU052995.D

Acq: 08 Feb 2023 12:03

Instrument :

MSVOA_U

ClientSampleId :

VSTD005073

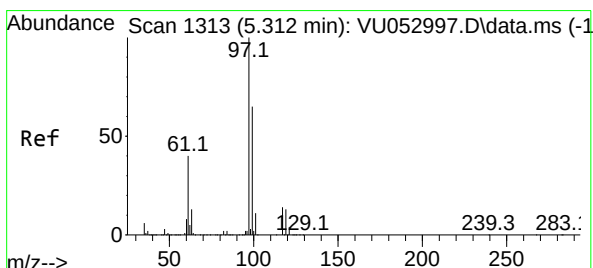
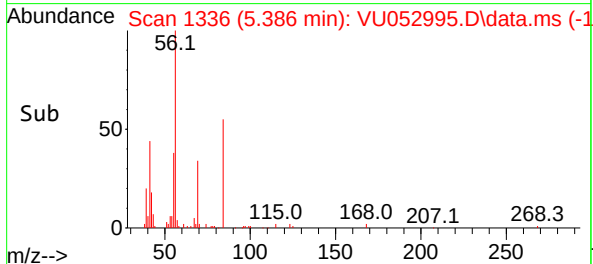
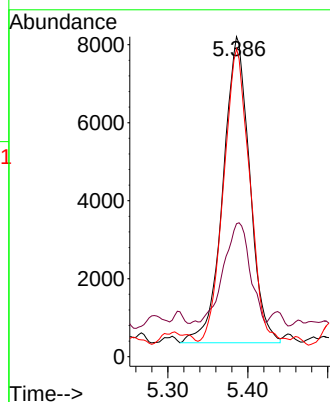
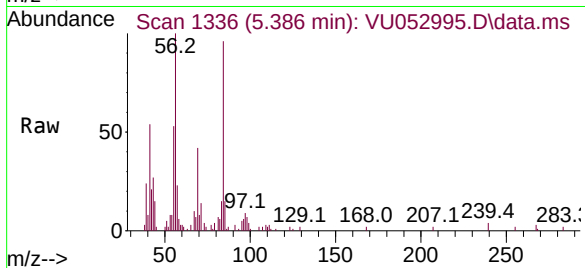
Tgt Ion: 56 Resp: 18181

Ion Ratio Lower Upper

56 100

69 31.9 26.6 40.0

84 92.3 77.0 115.4



#30

1,1,1-Trichloroethane

Concen: 4.689 ug/L

RT: 5.312 min Scan# 1313

Delta R.T. -0.000 min

Lab File: VU052995.D

Acq: 08 Feb 2023 12:03

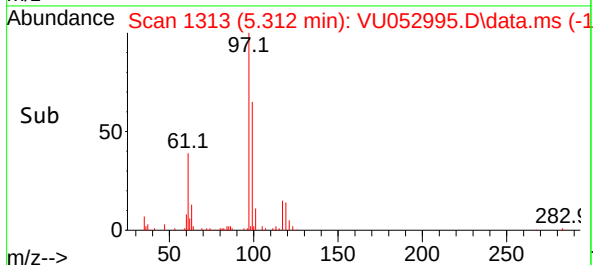
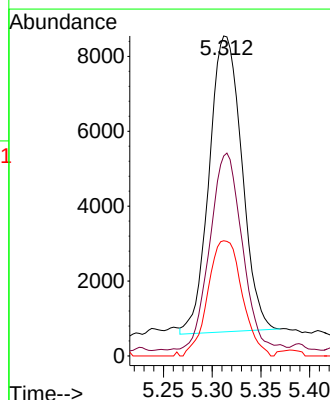
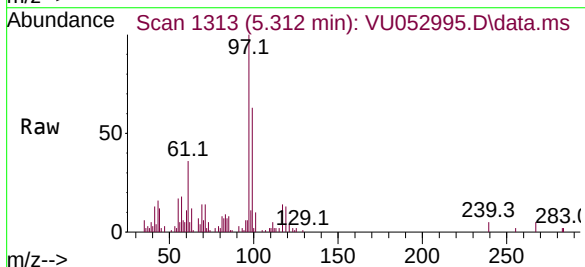
Tgt Ion: 97 Resp: 18370

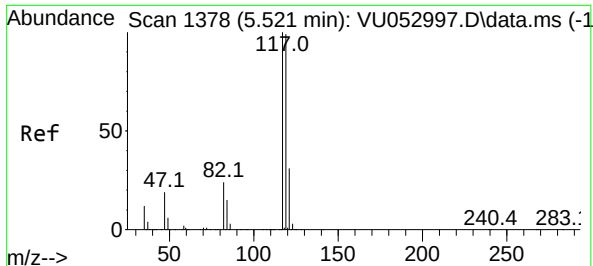
Ion Ratio Lower Upper

97 100

99 64.7 51.4 77.0

61 40.8 33.0 49.6

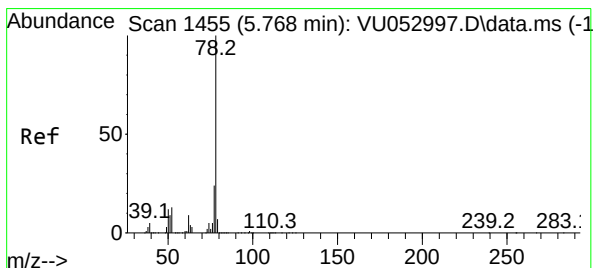
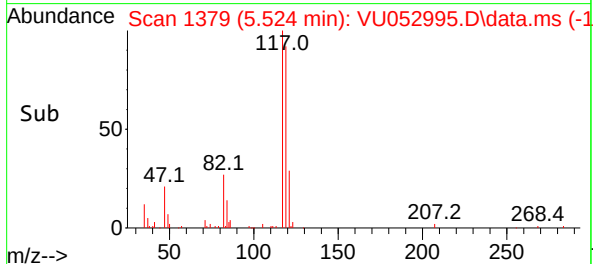
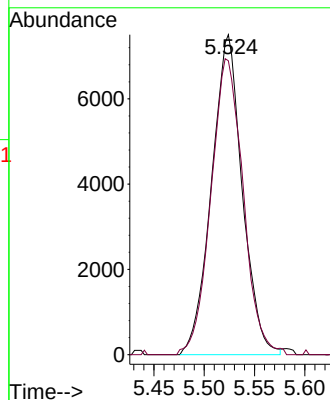
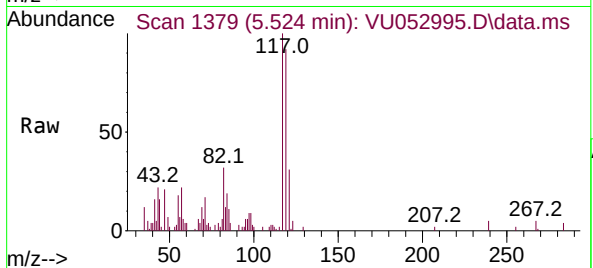




#31
Carbon tetrachloride
Concen: 4.689 ug/L
RT: 5.524 min Scan# 117
Delta R.T. 0.003 min
Lab File: VU052995.D
Acq: 08 Feb 2023 12:03

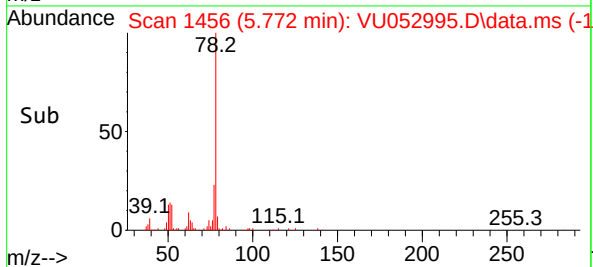
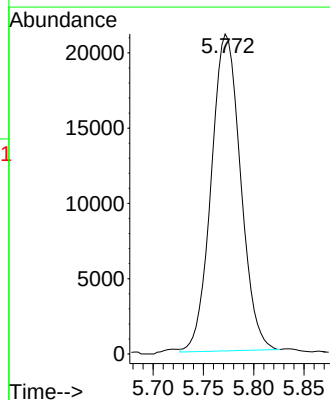
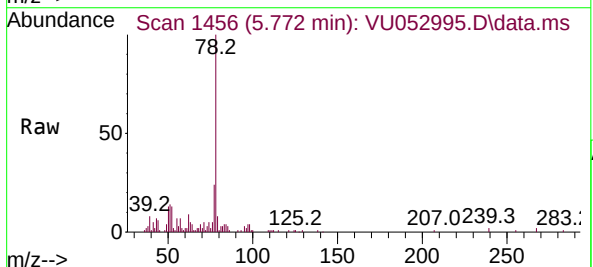
Instrument :
MSVOA_U
ClientSampleId :
VSTD005073

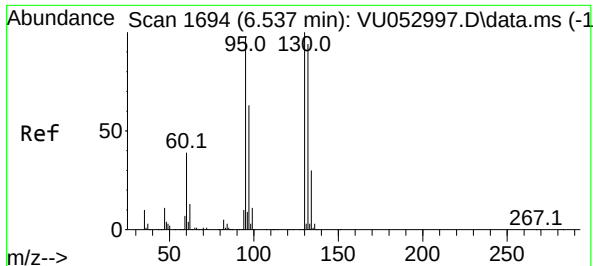
Tgt Ion:117 Resp: 15936
Ion Ratio Lower Upper
117 100
119 96.6 76.2 114.4



#33
Benzene
Concen: 4.694 ug/L
RT: 5.772 min Scan# 1456
Delta R.T. 0.003 min
Lab File: VU052995.D
Acq: 08 Feb 2023 12:03

Tgt Ion: 78 Resp: 42694

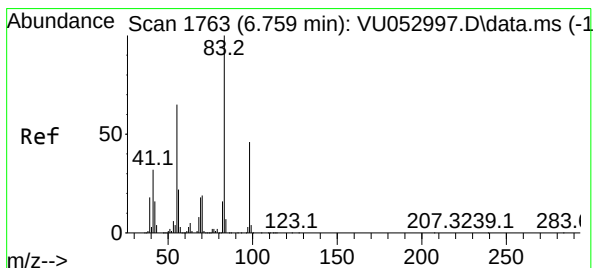
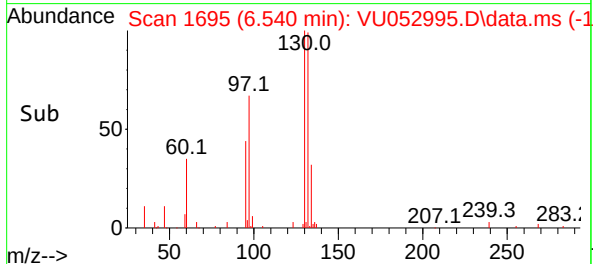
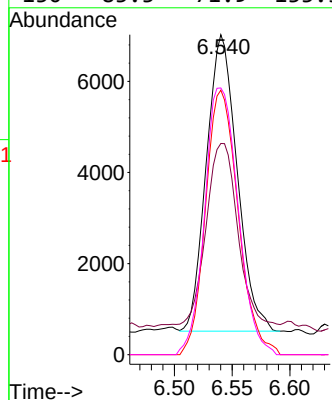
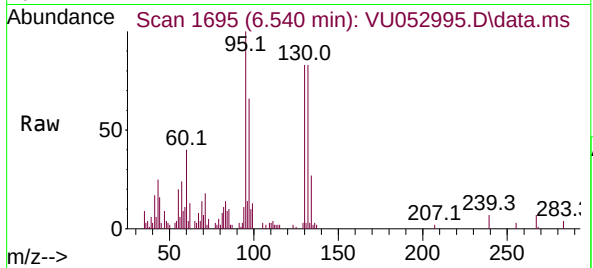




#34
Trichloroethene
Concen: 5.135 ug/L
RT: 6.540 min Scan# 1695
Delta R.T. 0.003 min
Lab File: VU052995.D
Acq: 08 Feb 2023 12:03

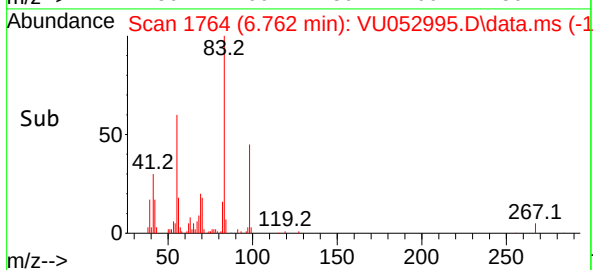
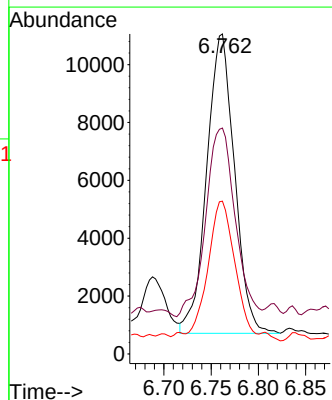
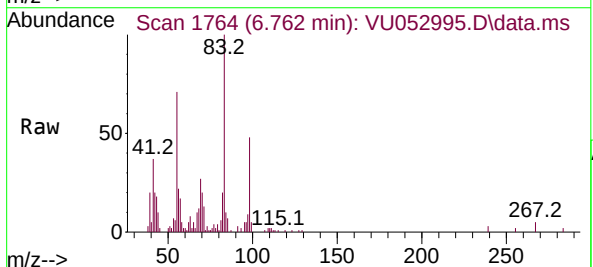
Instrument :
MSVOA_U
ClientSampleId :
VSTD005073

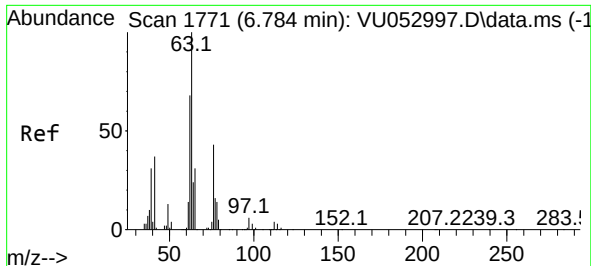
Tgt Ion:	95	Resp:	12048
Ion	Ratio	Lower	Upper
95	100		
97	66.0	44.5	82.7
132	82.7	66.8	124.0
130	83.3	71.9	133.5



#35
Methylcyclohexane
Concen: 5.656 ug/L
RT: 6.762 min Scan# 1764
Delta R.T. 0.003 min
Lab File: VU052995.D
Acq: 08 Feb 2023 12:03

Tgt Ion:	83	Resp:	21120
Ion	Ratio	Lower	Upper
83	100		
55	66.6	57.1	85.7
98	42.7	38.9	58.3





#37

1,2-Dichloropropane

Concen: 5.137 ug/L

RT: 6.788 min Scan# 11

Delta R.T. 0.003 min

Lab File: VU052995.D

Acq: 08 Feb 2023 12:03

Instrument :

MSVOA_U

ClientSampleId :

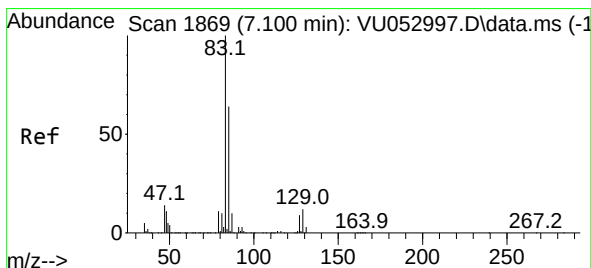
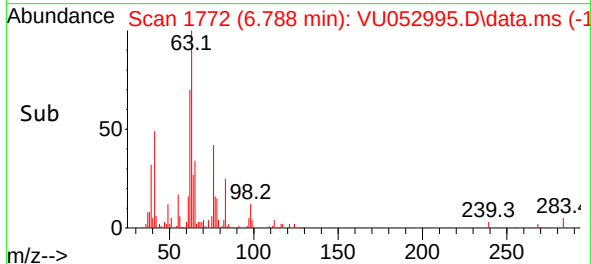
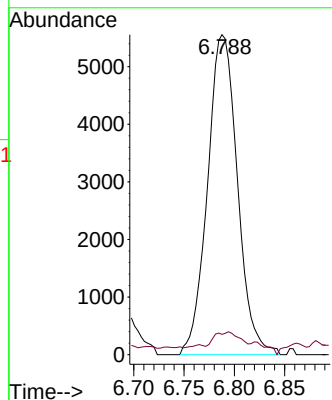
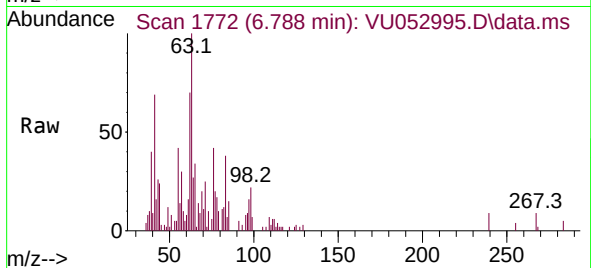
VSTD005073

Tgt Ion: 63 Resp: 11529

Ion Ratio Lower Upper

63 100

112 1.4 3.8 5.8#



#38

Bromodichloromethane

Concen: 4.854 ug/L

RT: 7.103 min Scan# 1870

Delta R.T. 0.003 min

Lab File: VU052995.D

Acq: 08 Feb 2023 12:03

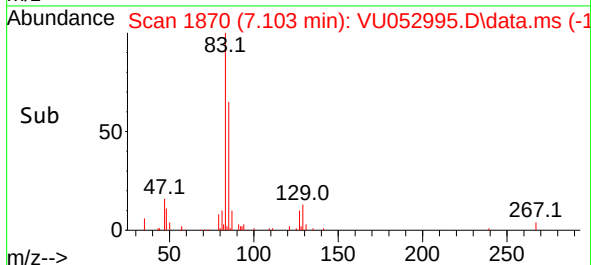
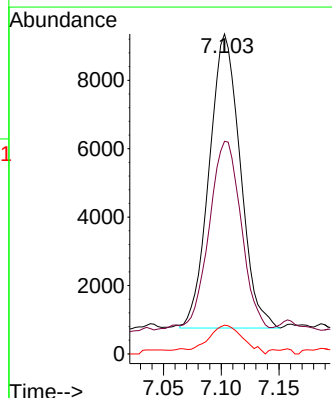
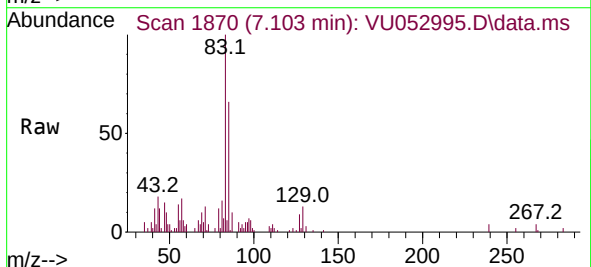
Tgt Ion: 83 Resp: 16060

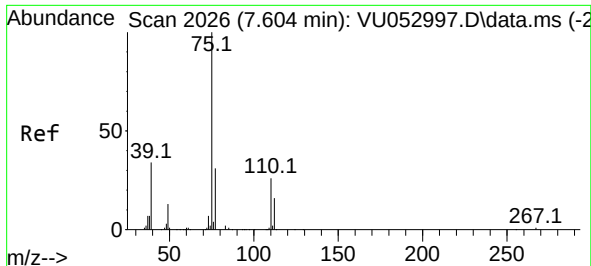
Ion Ratio Lower Upper

83 100

85 66.4 45.2 84.0

127 9.0 7.4 11.0





#39

cis-1,3-Dichloropropene

Concen: 5.207 ug/L

RT: 7.604 min Scan# 2026

Delta R.T. -0.000 min

Lab File: VU052995.D

Acq: 08 Feb 2023 12:03

Instrument :

MSVOA_U

ClientSampleId :

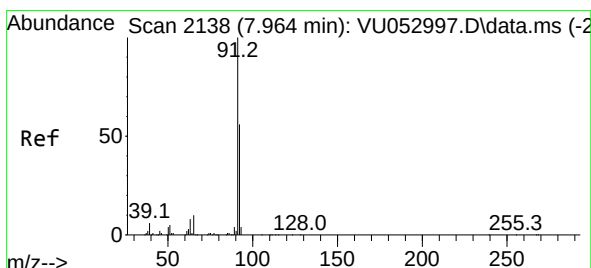
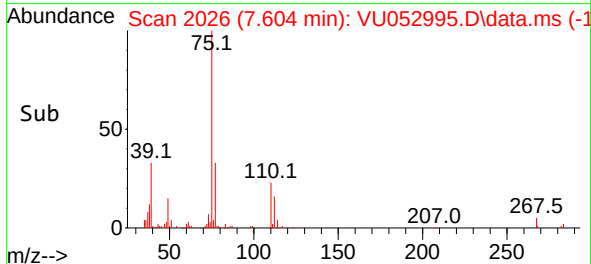
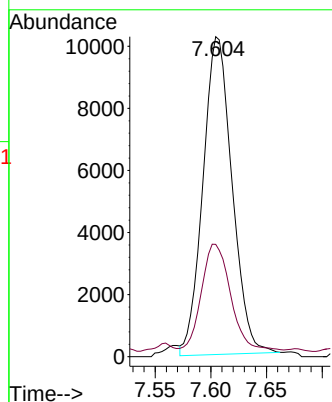
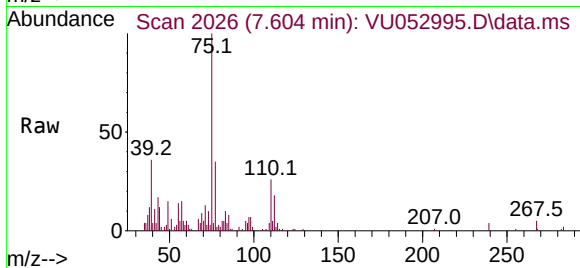
VSTD005073

Tgt Ion: 75 Resp: 18621

Ion Ratio Lower Upper

75 100

77 35.1 21.6 40.0



#42

Toluene

Concen: 5.326 ug/L

RT: 7.968 min Scan# 2139

Delta R.T. 0.003 min

Lab File: VU052995.D

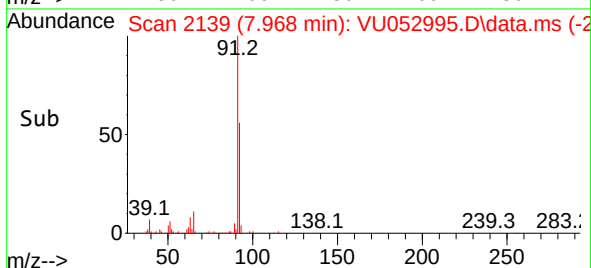
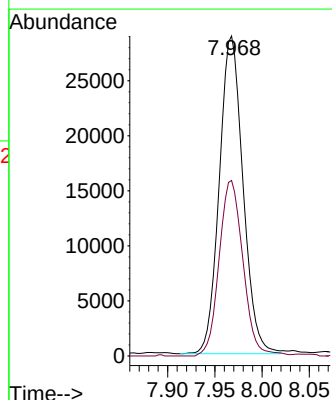
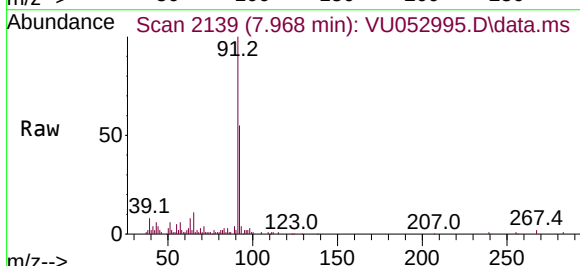
Acq: 08 Feb 2023 12:03

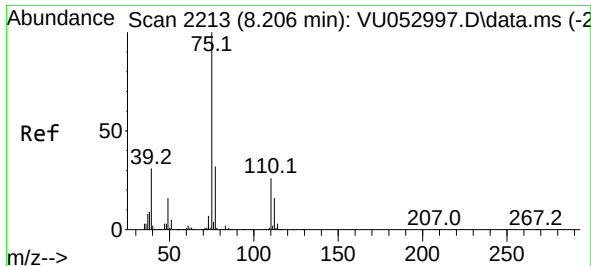
Tgt Ion: 91 Resp: 50305

Ion Ratio Lower Upper

91 100

92 54.9 42.6 79.0

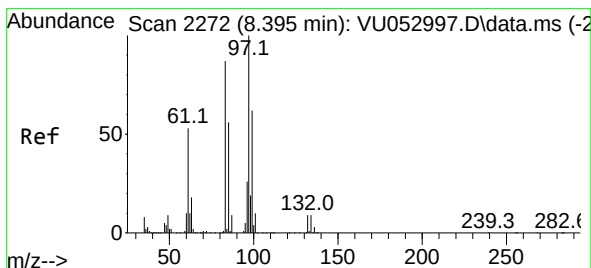
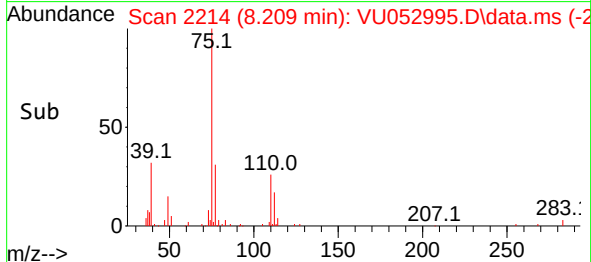
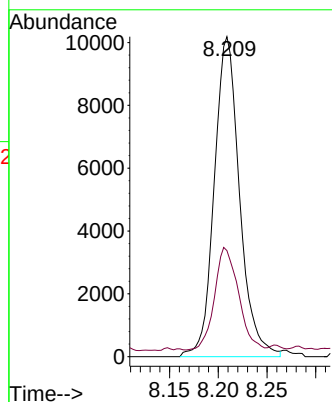
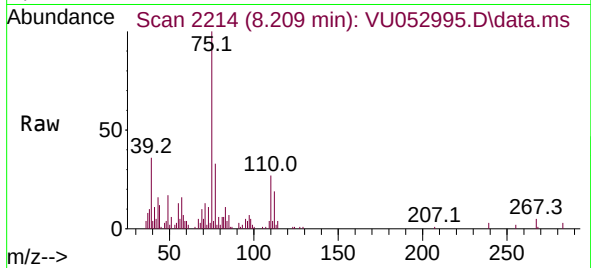




#44
trans-1,3-Dichloropropene
Concen: 5.249 ug/L
RT: 8.209 min Scan# 211
Delta R.T. 0.003 min
Lab File: VU052995.D
Acq: 08 Feb 2023 12:03

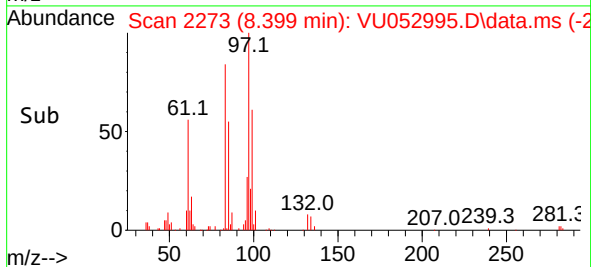
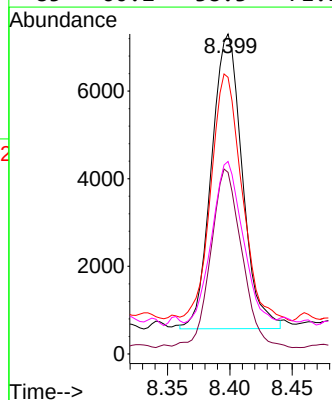
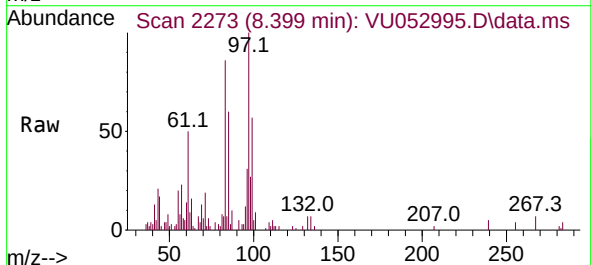
Instrument :
MSVOA_U
ClientSampleId :
VSTD005073

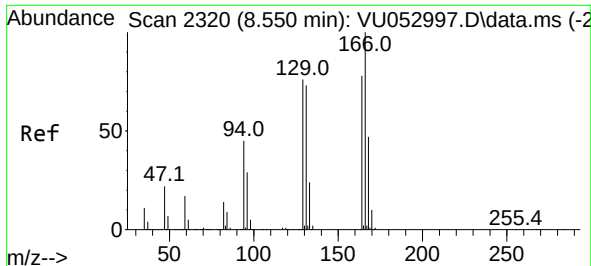
Tgt Ion: 75 Resp: 18391
Ion Ratio Lower Upper
75 100
77 33.2 22.3 41.3



#45
1,1,2-Trichloroethane
Concen: 5.024 ug/L
RT: 8.399 min Scan# 2273
Delta R.T. 0.003 min
Lab File: VU052995.D
Acq: 08 Feb 2023 12:03

Tgt Ion: 97 Resp: 11557
Ion Ratio Lower Upper
97 100
99 56.7 44.7 83.1
83 86.4 60.3 112.1
85 60.2 38.3 71.1

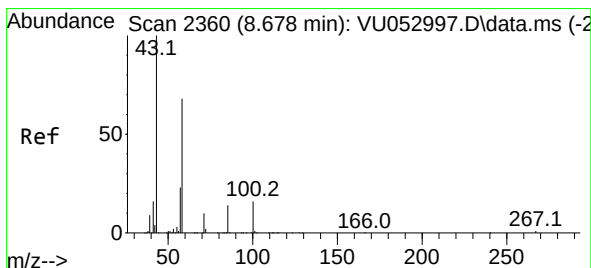
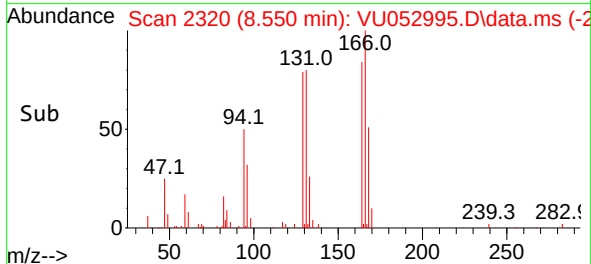
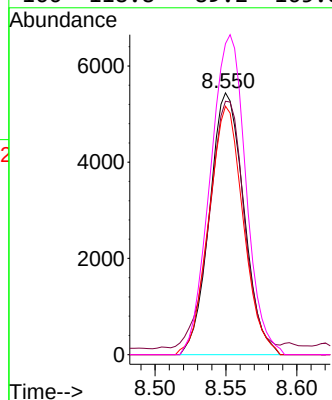
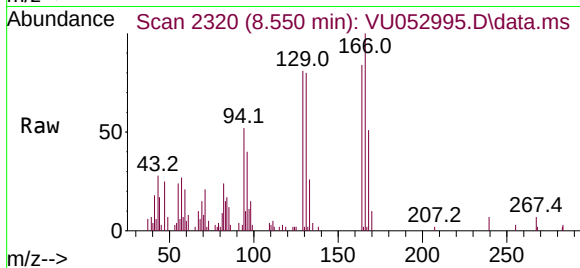




#46
Tetrachloroethene
Concen: 4.613 ug/L
RT: 8.550 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU052995.D
Acq: 08 Feb 2023 12:03

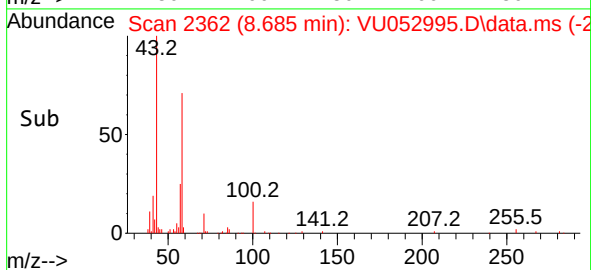
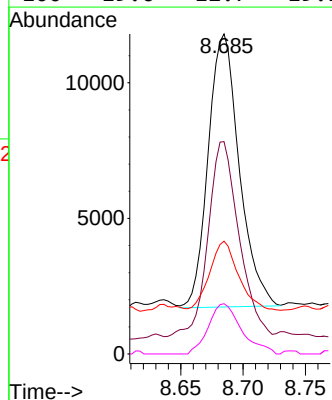
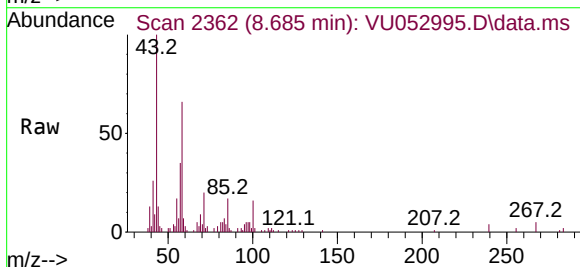
Instrument :
MSVOA_U
ClientSampleId :
VSTD005073

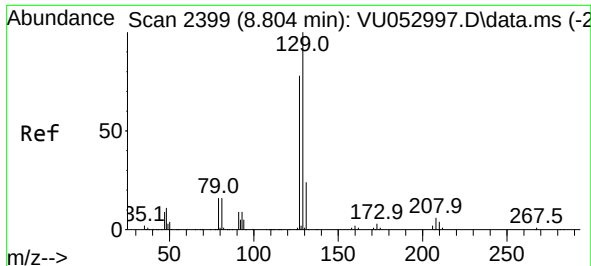
Tgt Ion:164	Resp:	9169
Ion	Ratio	Lower Upper
164	100	
129	96.8	64.8 120.3
131	94.9	61.2 113.6
166	118.8	89.2 165.8



#48
2-Hexanone
Concen: 8.233 ug/L
RT: 8.685 min Scan# 2362
Delta R.T. 0.006 min
Lab File: VU052995.D
Acq: 08 Feb 2023 12:03

Tgt Ion: 43	Resp:	17478
Ion	Ratio	Lower Upper
43	100	
58	71.0	48.0 72.0
57	26.8	16.8 25.2#
100	19.6	12.7 19.1#





#49

Dibromochloromethane

Concen: 4.791 ug/L

RT: 8.807 min Scan# 2400

Delta R.T. 0.003 min

Lab File: VU052995.D

Acq: 08 Feb 2023 12:03

Instrument :

MSVOA_U

ClientSampleId :

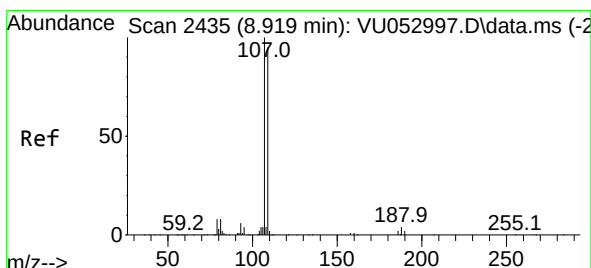
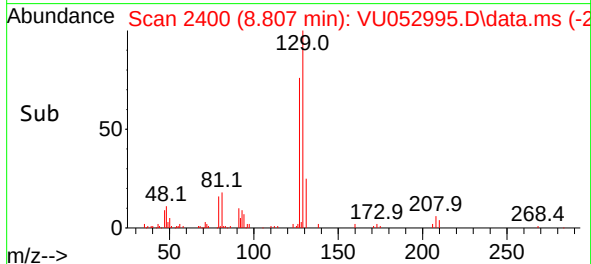
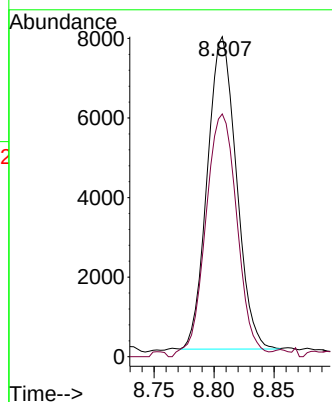
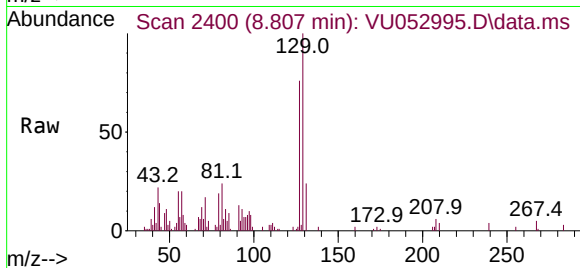
VSTD005073

Tgt Ion:129 Resp: 13254

Ion Ratio Lower Upper

129 100

127 75.8 53.2 98.8



#50

1,2-Dibromoethane

Concen: 4.969 ug/L

RT: 8.923 min Scan# 2436

Delta R.T. 0.003 min

Lab File: VU052995.D

Acq: 08 Feb 2023 12:03

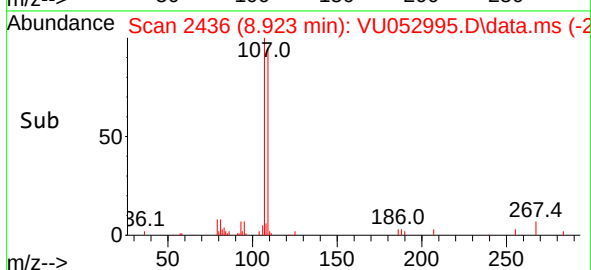
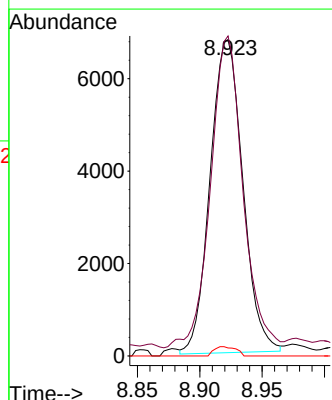
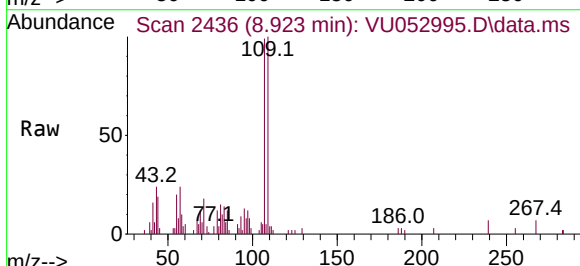
Tgt Ion:107 Resp: 12373

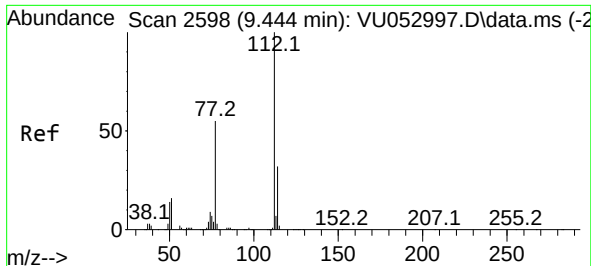
Ion Ratio Lower Upper

107 100

109 101.2 65.5 121.6

188 2.5 3.2 4.8#

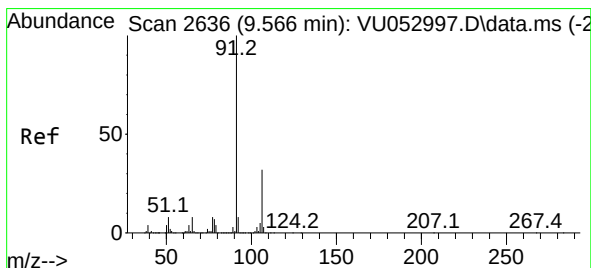
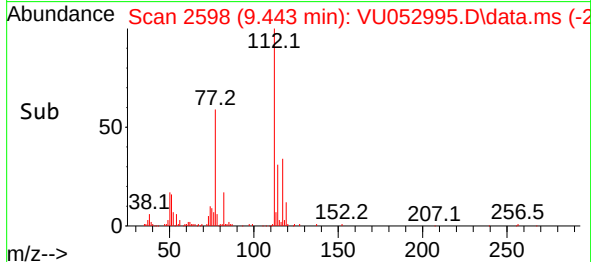
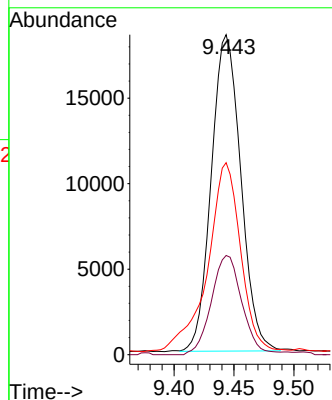
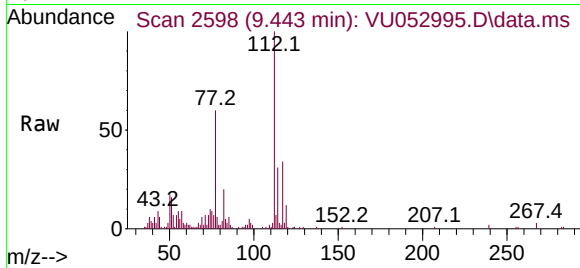




#51
Chlorobenzene
Concen: 4.885 ug/L
RT: 9.443 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU052995.D
Acq: 08 Feb 2023 12:03

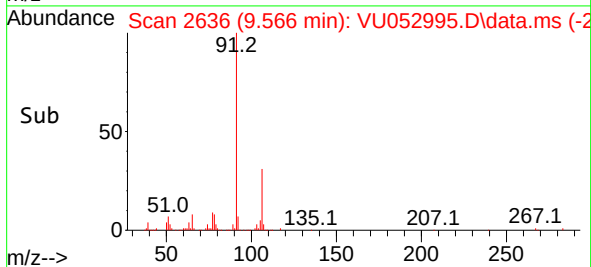
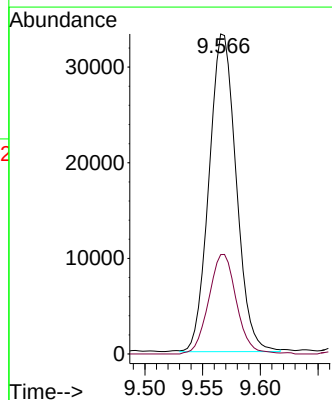
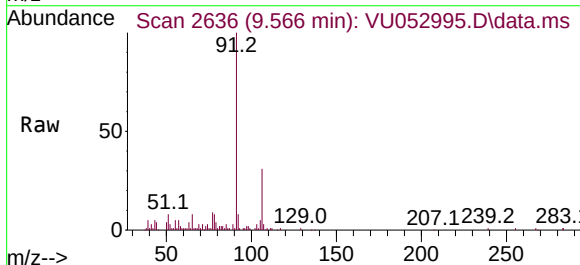
Instrument :
MSVOA_U
ClientSampleId :
VSTD005073

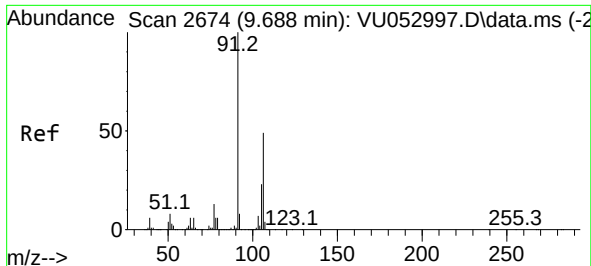
Tgt Ion:112 Resp: 31628
Ion Ratio Lower Upper
112 100
114 31.0 22.8 42.4
77 60.0 45.9 68.9



#52
Ethylbenzene
Concen: 5.342 ug/L
RT: 9.566 min Scan# 2636
Delta R.T. -0.000 min
Lab File: VU052995.D
Acq: 08 Feb 2023 12:03

Tgt Ion: 91 Resp: 54249
Ion Ratio Lower Upper
91 100
106 31.0 22.0 40.8

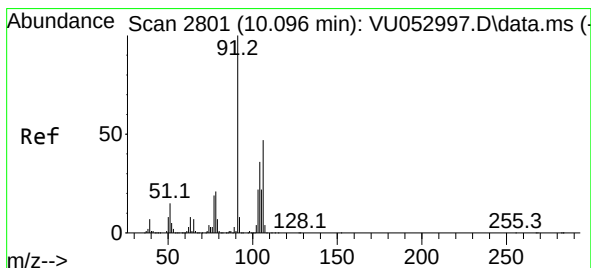
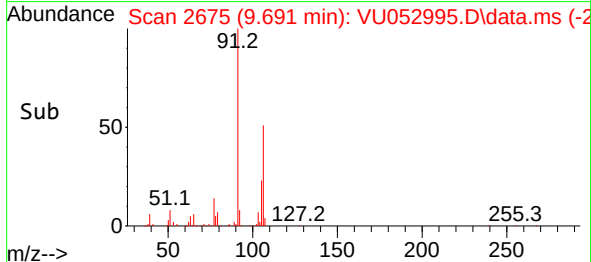
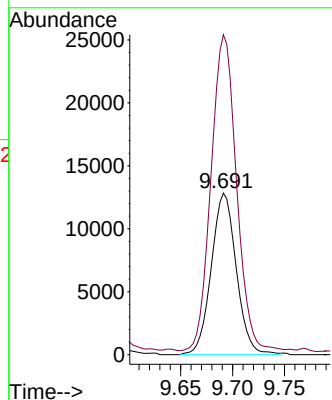
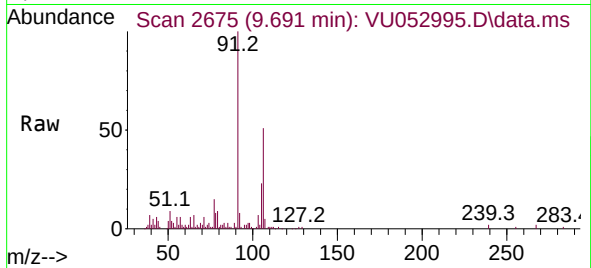




#53
m,p-Xylene
Concen: 5.257 ug/L
RT: 9.691 min Scan# 2675
Delta R.T. 0.003 min
Lab File: VU052995.D
Acq: 08 Feb 2023 12:03

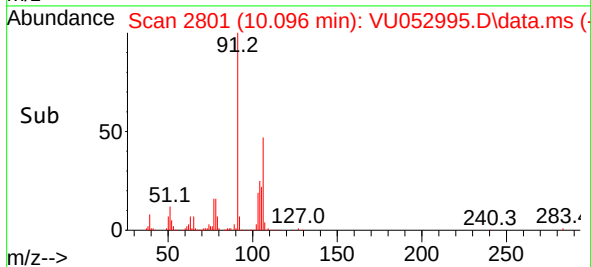
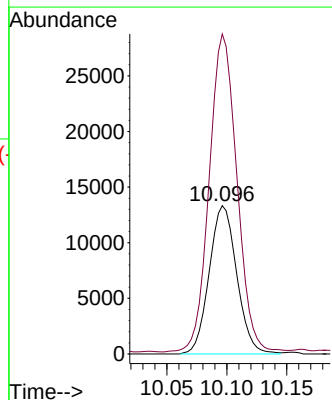
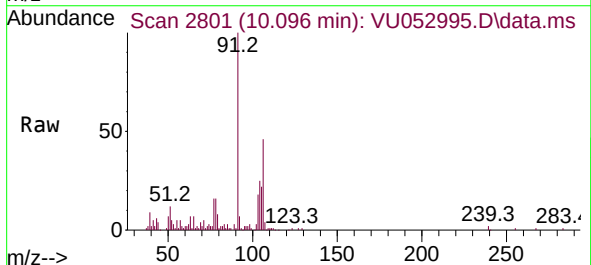
Instrument :
MSVOA_U
ClientSampleId :
VSTD005073

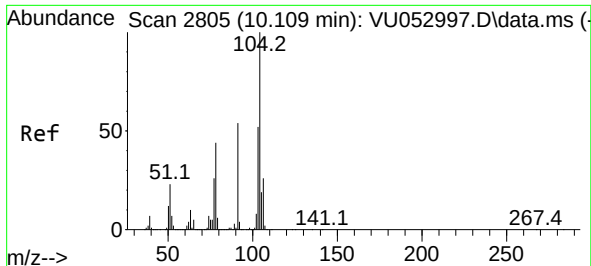
Tgt Ion:106 Resp: 21491
Ion Ratio Lower Upper
106 100
91 197.9 137.4 255.2



#54
o-xylene
Concen: 5.444 ug/L
RT: 10.096 min Scan# 2801
Delta R.T. -0.000 min
Lab File: VU052995.D
Acq: 08 Feb 2023 12:03

Tgt Ion:106 Resp: 21266
Ion Ratio Lower Upper
106 100
91 215.8 143.4 266.2

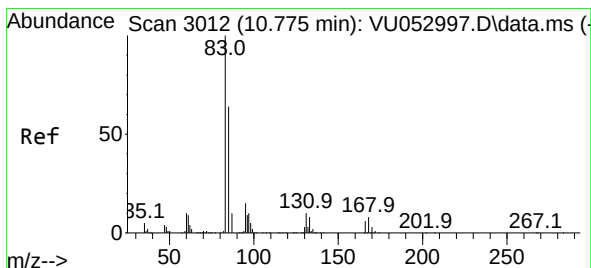
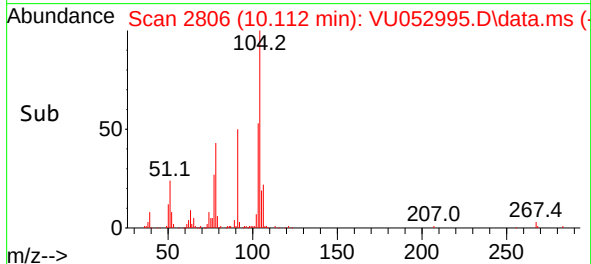
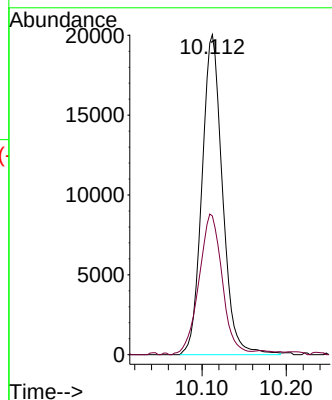
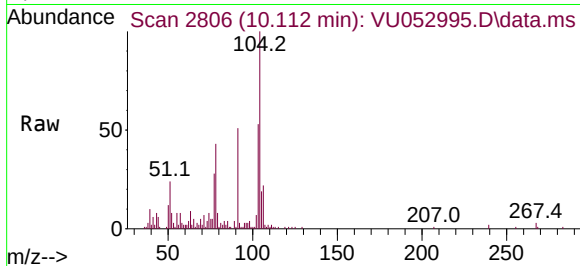




#55
Styrene
Concen: 5.086 ug/L
RT: 10.112 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU052995.D
Acq: 08 Feb 2023 12:03

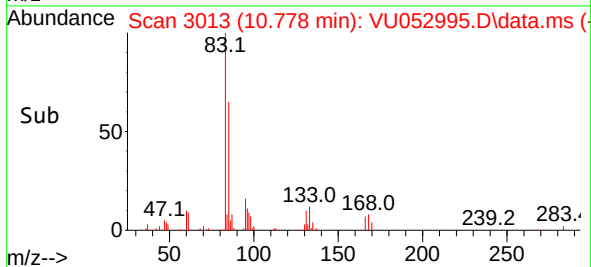
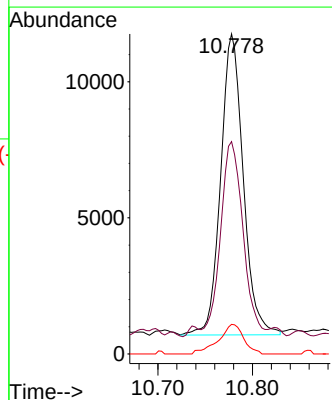
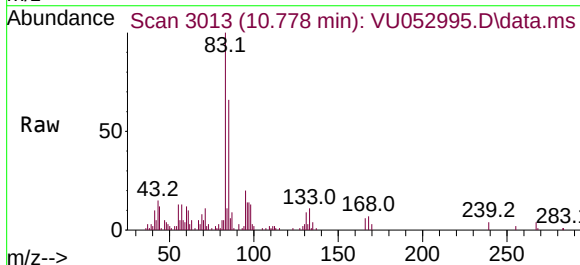
Instrument :
MSVOA_U
ClientSampleId :
VSTD005073

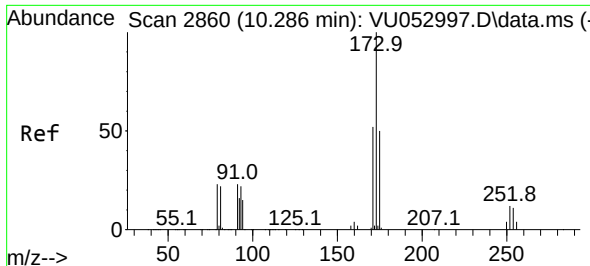
Tgt Ion:104 Resp: 34017
Ion Ratio Lower Upper
104 100
78 43.3 31.9 59.2



#57
1,1,2,2-Tetrachloroethane
Concen: 4.968 ug/L
RT: 10.778 min Scan# 3013
Delta R.T. 0.003 min
Lab File: VU052995.D
Acq: 08 Feb 2023 12:03

Tgt Ion: 83 Resp: 18357
Ion Ratio Lower Upper
83 100
85 66.4 45.0 83.6
131 9.2 8.6 12.8

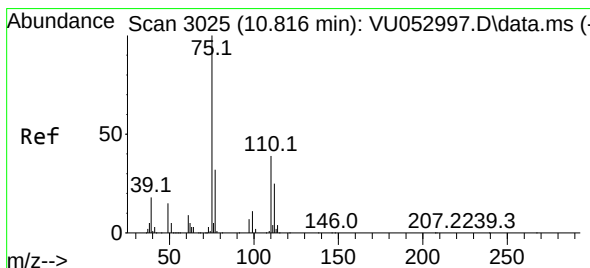
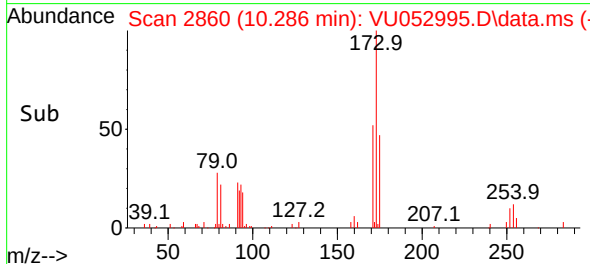
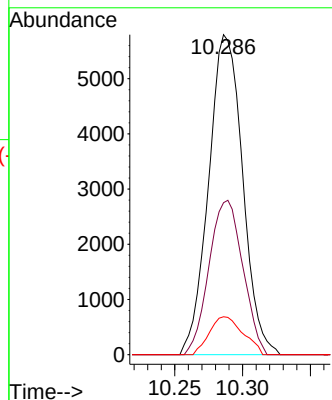
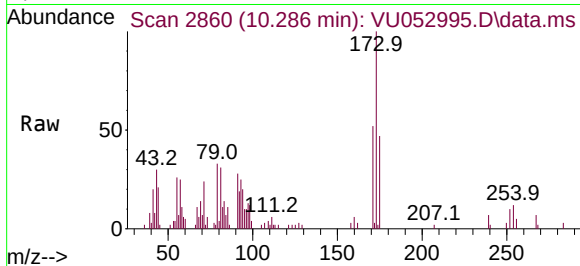




#59
Bromoform
Concen: 4.972 ug/L
RT: 10.286 min Scan# 2860
Delta R.T. -0.000 min
Lab File: VU052995.D
Acq: 08 Feb 2023 12:03

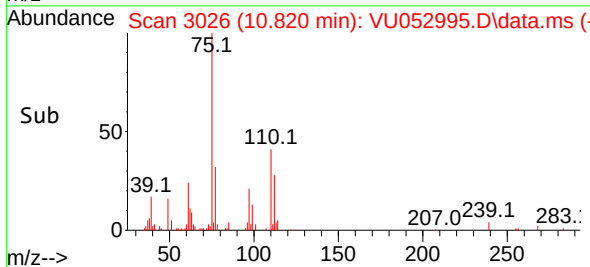
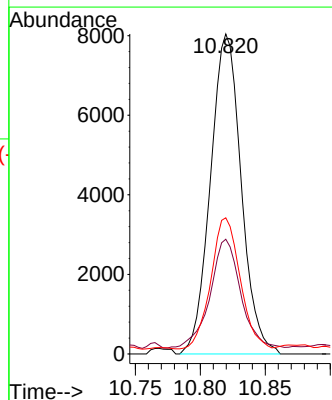
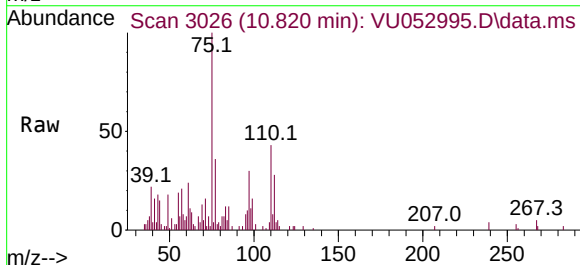
Instrument :
MSVOA_U
ClientSampleId :
VSTD005073

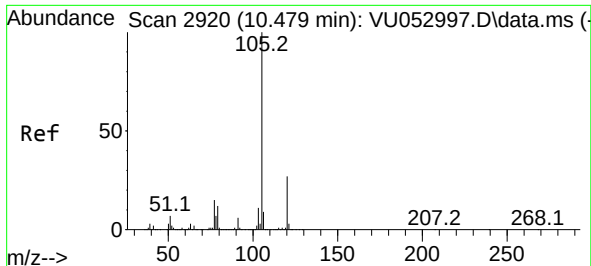
Tgt Ion:	173	Resp:	10111
Ion Ratio	Lower	Upper	
173	100		
175	47.9	37.7	56.5
254	11.8	8.3	12.5



#60
1,2,3-Trichloropropane
Concen: 4.699 ug/L
RT: 10.820 min Scan# 3026
Delta R.T. 0.003 min
Lab File: VU052995.D
Acq: 08 Feb 2023 12:03

Tgt Ion:	75	Resp:	13239
Ion Ratio	Lower	Upper	
75	100		
77	33.7	25.8	38.8
110	38.9	32.4	48.6

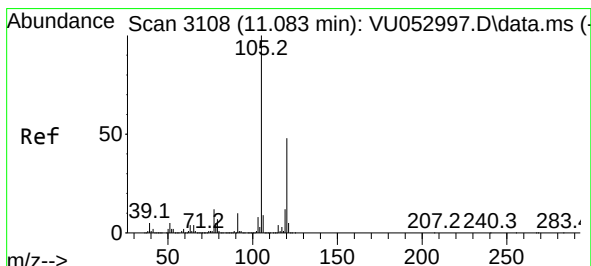
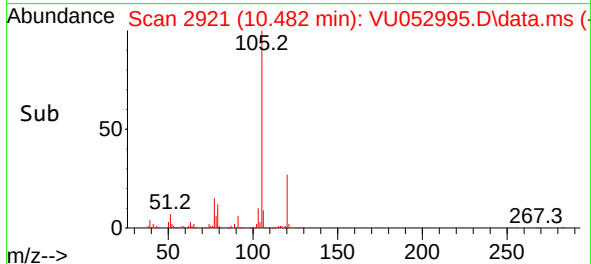
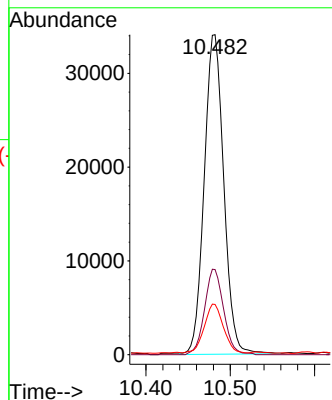
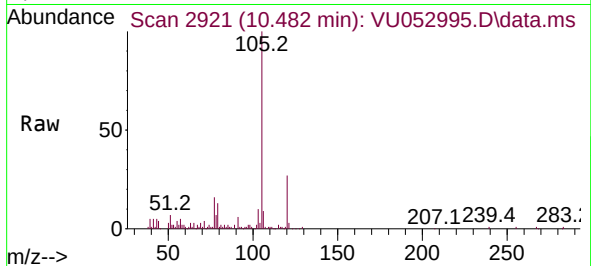




#61
Isopropylbenzene
Concen: 5.693 ug/L
RT: 10.482 min Scan# 2920
Delta R.T. 0.003 min
Lab File: VU052995.D
Acq: 08 Feb 2023 12:03

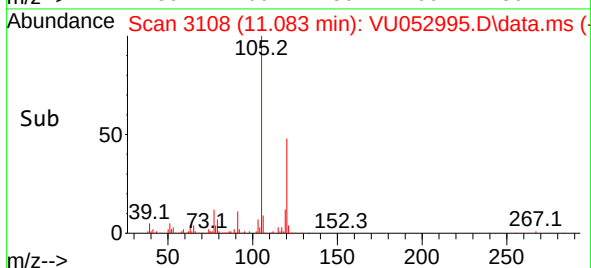
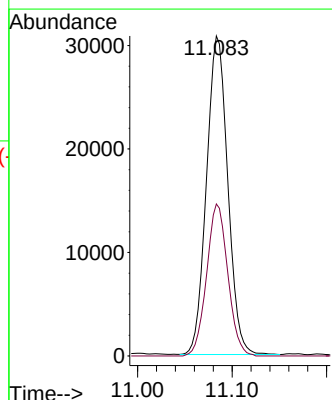
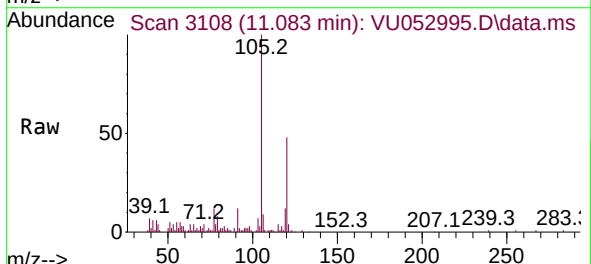
Instrument :
MSVOA_U
ClientSampleId :
VSTD005073

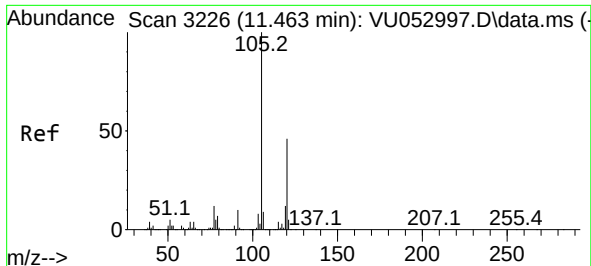
Tgt Ion:105 Resp: 55151
Ion Ratio Lower Upper
105 100
120 25.8 21.4 32.2
77 14.7 12.2 18.2



#62
1,3,5-Trimethylbenzene
Concen: 5.917 ug/L
RT: 11.083 min Scan# 3108
Delta R.T. -0.000 min
Lab File: VU052995.D
Acq: 08 Feb 2023 12:03

Tgt Ion:105 Resp: 48116
Ion Ratio Lower Upper
105 100
120 47.5 40.4 60.6

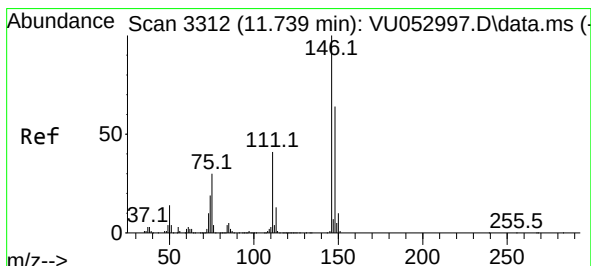
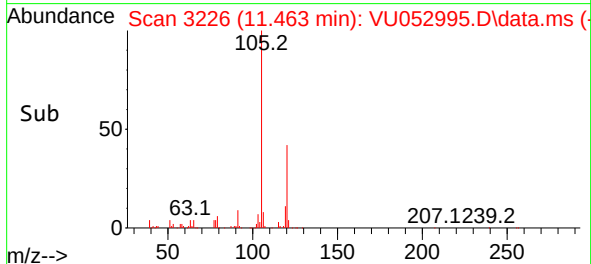
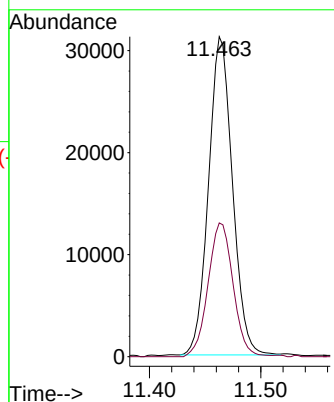
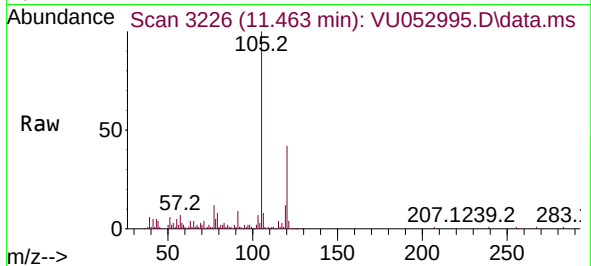




#63
1,2,4-Trimethylbenzene
Concen: 5.918 ug/L
RT: 11.463 min Scan# 311
Delta R.T. -0.000 min
Lab File: VU052995.D
Acq: 08 Feb 2023 12:03

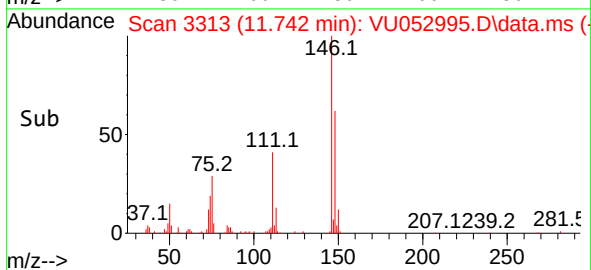
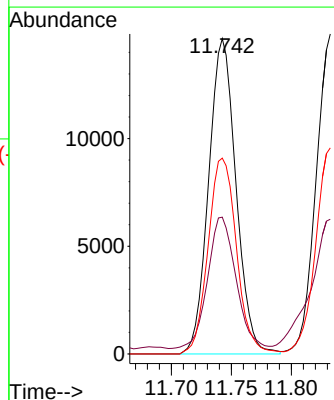
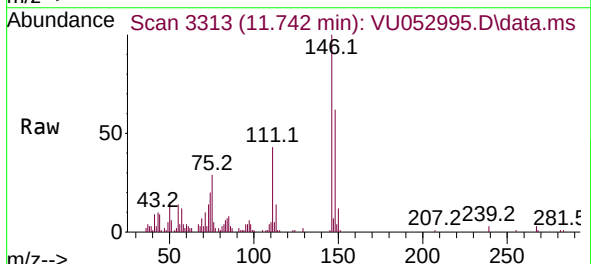
Instrument :
MSVOA_U
ClientSampleId :
VSTD005073

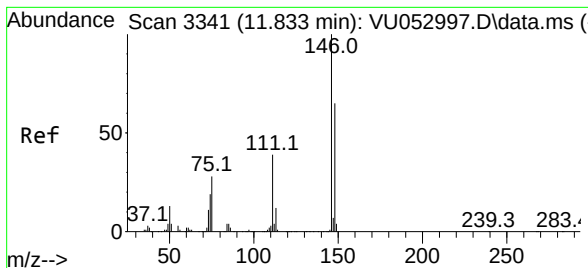
Tgt Ion:105 Resp: 46546
Ion Ratio Lower Upper
105 100
120 43.8 38.1 57.1



#64
1,3-Dichlorobenzene
Concen: 4.779 ug/L
RT: 11.742 min Scan# 3313
Delta R.T. 0.003 min
Lab File: VU052995.D
Acq: 08 Feb 2023 12:03

Tgt Ion:146 Resp: 23213
Ion Ratio Lower Upper
146 100
111 43.4 27.8 51.6
148 62.1 45.5 84.5





#65

1,4-Dichlorobenzene

Concen: 4.874 ug/L

RT: 11.832 min Scan# 31

Delta R.T. -0.000 min

Lab File: VU052995.D

Acq: 08 Feb 2023 12:03

Instrument :

MSVOA_U

ClientSampleId :

VSTD005073

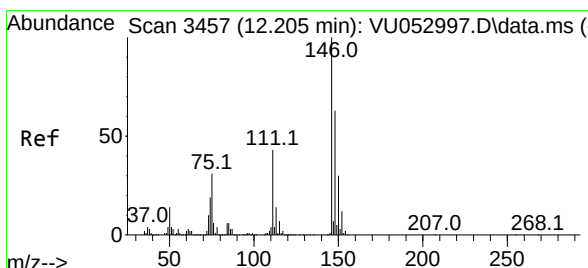
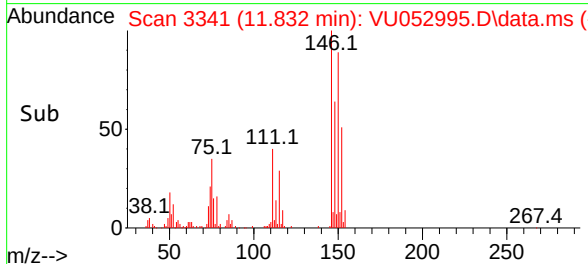
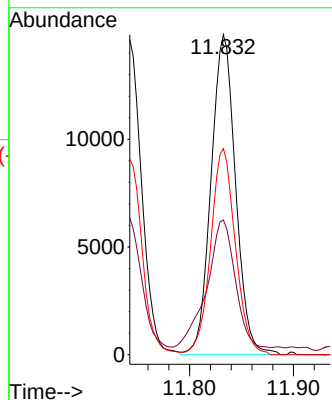
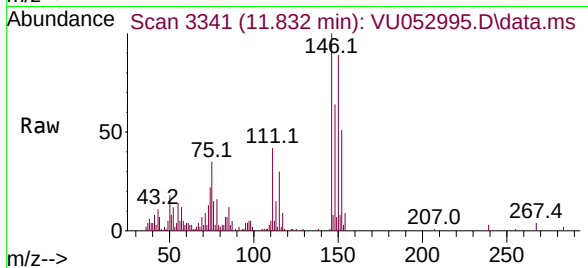
Tgt Ion:146 Resp: 24384

Ion Ratio Lower Upper

146 100

111 42.1 26.7 49.7

148 64.4 45.6 84.6



#67

1,2-Dichlorobenzene

Concen: 5.046 ug/L

RT: 12.209 min Scan# 3458

Delta R.T. 0.003 min

Lab File: VU052995.D

Acq: 08 Feb 2023 12:03

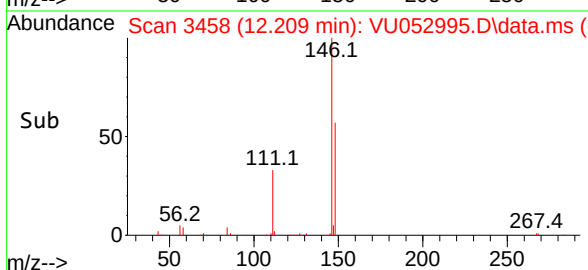
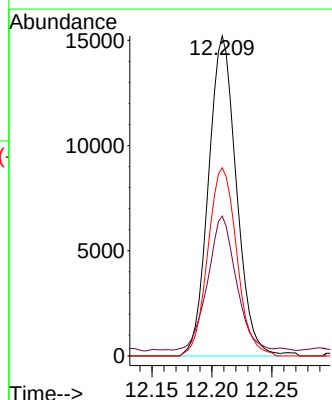
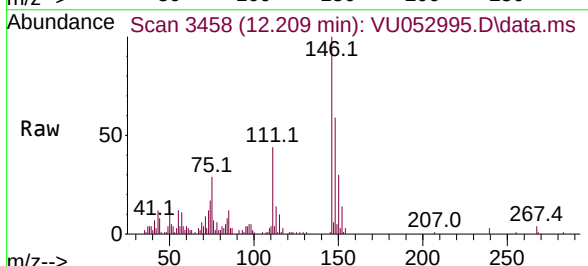
Tgt Ion:146 Resp: 24591

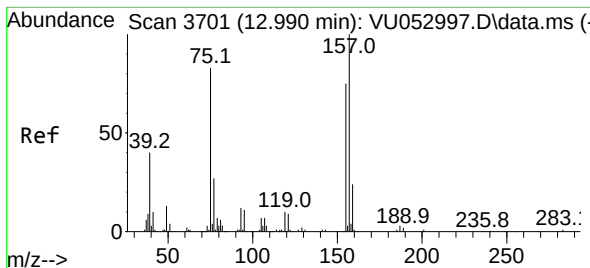
Ion Ratio Lower Upper

146 100

111 43.7 33.2 49.8

148 58.8 50.2 75.4





#68

1,2-Dibromo-3-chloropropane

Concen: 4.831 ug/L

RT: 12.993 min Scan# 3701

Delta R.T. 0.003 min

Lab File: VU052995.D

Acq: 08 Feb 2023 12:03

Instrument :

MSVOA_U

ClientSampleId :

VSTD005073

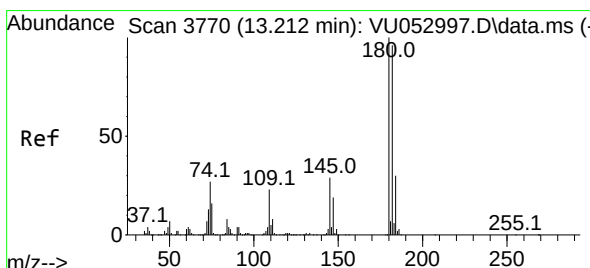
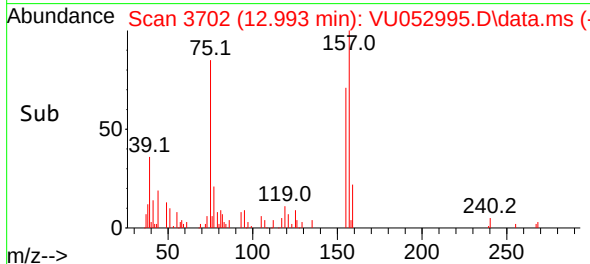
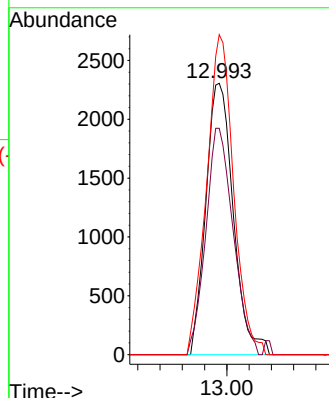
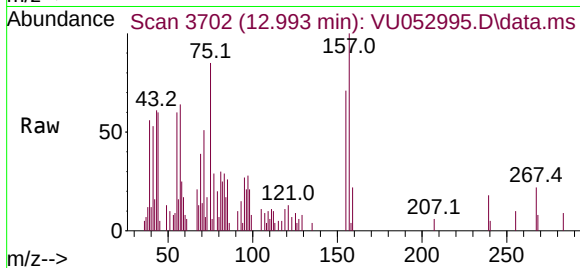
Tgt Ion: 75 Resp: 3941

Ion Ratio Lower Upper

75 100

155 83.4 69.2 103.8

157 117.9 91.2 136.8



#69

1,3,5-Trichlorobenzene

Concen: 4.791 ug/L

RT: 13.215 min Scan# 3771

Delta R.T. 0.003 min

Lab File: VU052995.D

Acq: 08 Feb 2023 12:03

Tgt Ion:180 Resp: 17474

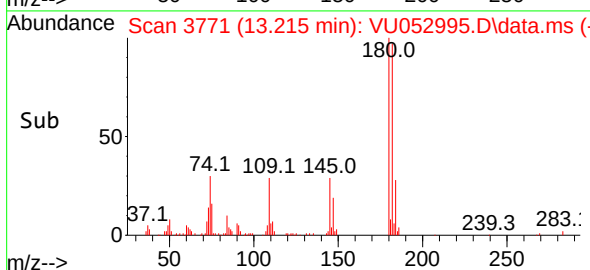
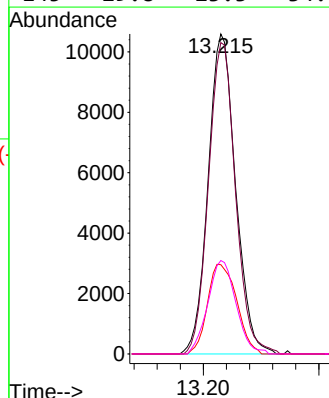
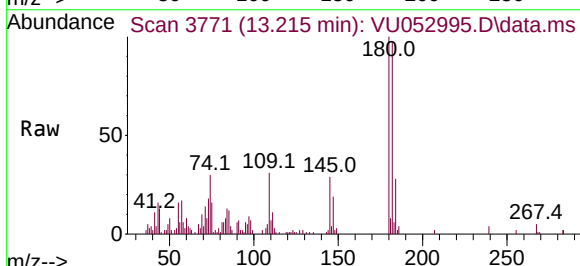
Ion Ratio Lower Upper

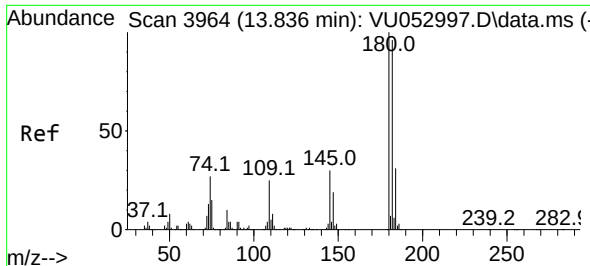
180 100

182 95.6 77.0 115.6

184 29.9 24.4 36.6

145 29.8 23.3 34.9

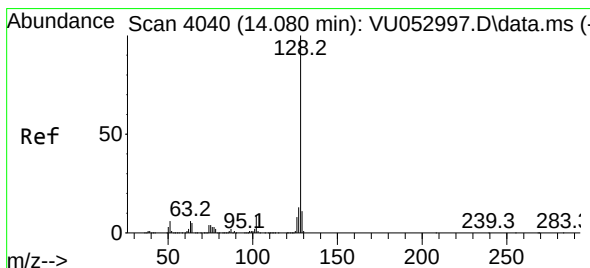
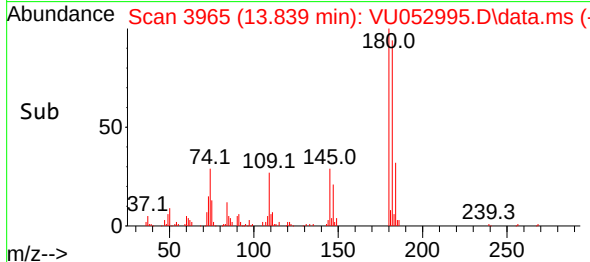
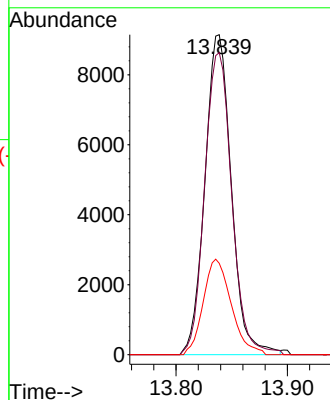
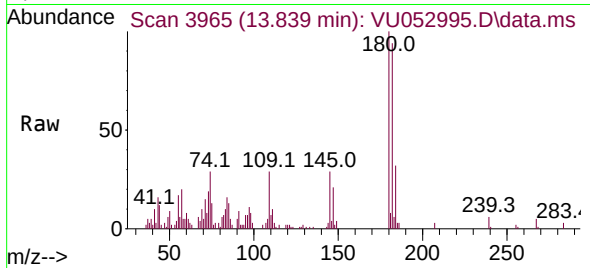




#70
1,2,4-trichlorobenzene
Concen: 4.882 ug/L
RT: 13.839 min Scan# 3964
Delta R.T. 0.003 min
Lab File: VU052995.D
Acq: 08 Feb 2023 12:03

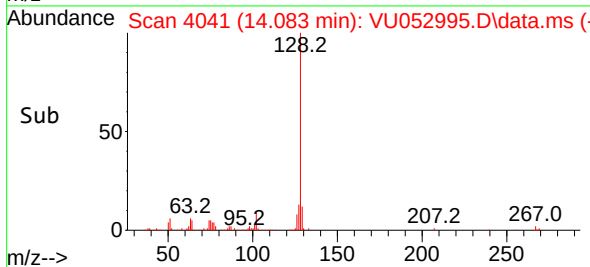
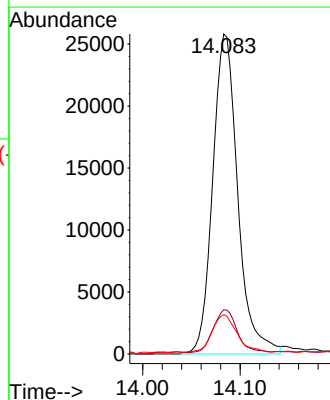
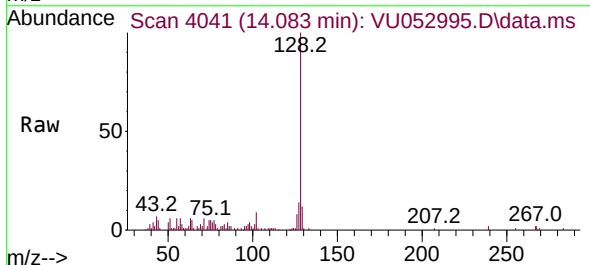
Instrument :
MSVOA_U
ClientSampleId :
VSTD005073

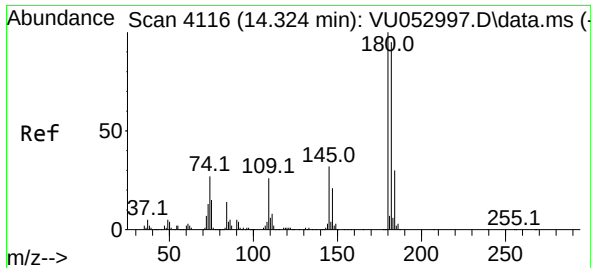
Tgt Ion:180	Resp:	15140
Ion Ratio	Lower	Upper
180	100	
182	96.5	78.2 117.2
145	31.6	23.4 35.2



#71
Naphthalene
Concen: 5.203 ug/L
RT: 14.083 min Scan# 4041
Delta R.T. 0.003 min
Lab File: VU052995.D
Acq: 08 Feb 2023 12:03

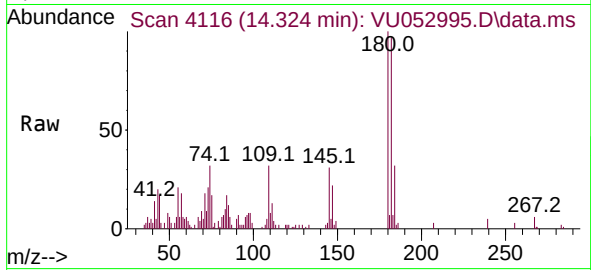
Tgt Ion:128	Resp:	46121
Ion Ratio	Lower	Upper
128	100	
127	14.0	10.3 15.5
129	11.6	8.8 13.2





#72
 1,2,3-Trichlorobenzene
 Concen: 4.628 ug/L
 RT: 14.324 min Scan# 4116
 Delta R.T. -0.000 min
 Lab File: VU052995.D
 Acq: 08 Feb 2023 12:03

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005073



Tgt Ion:	180	Resp:	14914
Ion	Ratio	Lower	Upper
180	100		
182	96.6	77.5	116.3
145	32.9	24.2	36.4

