

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU060123\
 Data File : VU054378.D
 Acq On : 01 Jun 2023 17:06
 Operator : JC/MD
 Sample : VSTD05025
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050025

Quant Time: Jun 02 01:30:58 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM060123WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jun 02 01:29:23 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.244	114	420032	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	413525	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.806	152	230625	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	139602	42.771	ug/L	0.00
7) Chloroethane-d5	1.906	69	92480	41.583	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.562	65	57248	43.191	ug/L	0.00
21) 2-Butanone-d5	4.623	46	224907	85.990	ug/L	0.00
24) Chloroform-d	5.057	84	249038	44.162	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.694	65	151385	43.387	ug/L	0.00
32) Benzene-d6	5.719	84	487686	44.007	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.684	67	162708	43.807	ug/L	0.00
41) Toluene-d8	7.893	98	445505	44.433	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.173	79	75641	43.326	ug/L	0.00
47) 2-Hexanone-d5	8.629	63	151651	89.056	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.751	84	240622	43.311	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.189	152	174904	43.211	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.382	85	59362	37.228	ug/L	100
3) Chloromethane	1.520	50	73864	37.621	ug/L	100
5) Vinyl chloride	1.601	62	83263	38.696	ug/L	100
6) Bromomethane	1.855	94	39760	36.400	ug/L	100
8) Chloroethane	1.925	64	44738	36.360	ug/L	100
9) Trichlorofluoromethane	2.131	101	120694	38.254	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	79806	38.458	ug/L	100
12) 1,1-Dichloroethene	2.575	96	66607	38.357	ug/L	100
13) Acetone	2.633	43	127768	71.366	ug/L	100
14) Carbon disulfide	2.787	76	120952	37.793	ug/L	100
15) Methyl Acetate	2.948	43	112586	38.141	ug/L	100
16) Methylene chloride	3.041	84	90720	35.094	ug/L	100
17) trans-1,2-Dichloroethene	3.347	96	67855	38.888	ug/L	100
18) Methyl tert-butyl Ether	3.359	73	274799	38.344	ug/L	100
19) 1,1-Dichloroethane	3.861	63	158047	38.855	ug/L	100
20) cis-1,2-Dichloroethene	4.662	96	90522	38.962	ug/L	100
22) 2-Butanone	4.703	43	172249	74.656	ug/L	100
23) Bromochloromethane	4.970	128	47538	39.596	ug/L	100
25) Chloroform	5.083	83	168591	38.882	ug/L	100
27) 1,2-Dichloroethane	5.790	62	122888	38.854	ug/L	100
29) Cyclohexane	5.382	56	100705	37.920	ug/L	100
30) 1,1,1-Trichloroethane	5.308	97	134744	38.724	ug/L	100
31) Carbon tetrachloride	5.520	117	110413	38.416	ug/L	100
33) Benzene	5.768	78	331307	39.669	ug/L	100
34) Trichloroethene	6.536	95	83500	37.614	ug/L	100
35) Methylcyclohexane	6.758	83	106883	39.039	ug/L	100
37) 1,2-Dichloropropane	6.784	63	98877	40.048	ug/L	100
38) Bromodichloromethane	7.099	83	126462	38.826	ug/L	100
39) cis-1,3-Dichloropropene	7.604	75	145934	38.261	ug/L	100
40) 4-Methyl-2-pentanone	7.787	43	305787	77.668	ug/L	100
42) Toluene	7.964	91	349123	39.638	ug/L	100
44) trans-1,3-Dichloropropene	8.205	75	146089	39.320	ug/L	100

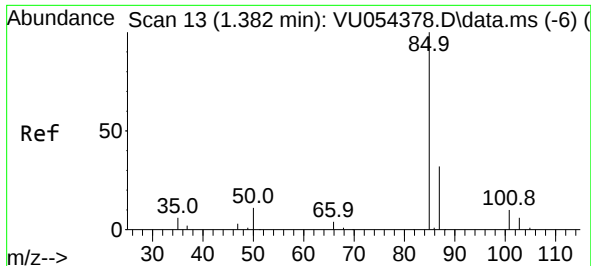
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU060123\
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 Quant Title : VOC Analysis
 QLast Update : Fri Jun 02 01:29:23 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	8.395	97	102534	39.251	ug/L	100
46) Tetrachloroethene	8.549	164	62302	38.105	ug/L	100
48) 2-Hexanone	8.681	43	249908	77.889	ug/L	100
49) Dibromochloromethane	8.806	129	98400	39.197	ug/L	100
50) 1,2-Dibromoethane	8.919	107	103832	38.743	ug/L	100
51) Chlorobenzene	9.443	112	234663	37.988	ug/L	100
52) Ethylbenzene	9.565	91	384925	38.669	ug/L	100
53) m,p-Xylene	9.690	106	145123	38.856	ug/L	100
54) o-Xylene	10.095	106	145098	39.109	ug/L	100
55) Styrene	10.112	104	255902	39.487	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.777	83	180825	39.131	ug/L	100
59) Bromoform	10.288	173	79646	38.733	ug/L	100
60) 1,2,3-Trichloropropane	10.816	75	136788	38.941	ug/L	100
61) Isopropylbenzene	10.481	105	393168	39.910	ug/L	100
62) 1,3,5-Trimethylbenzene	11.083	105	316138	39.895	ug/L	100
63) 1,2,4-Trimethylbenzene	11.462	105	316994	40.401	ug/L	100
64) 1,3-Dichlorobenzene	11.742	146	196666	38.983	ug/L	100
65) 1,4-Dichlorobenzene	11.832	146	202089	37.820	ug/L	100
67) 1,2-Dichlorobenzene	12.208	146	202435	38.640	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.992	75	38595	38.155	ug/L	100
69) 1,3,5-Trichlorobenzene	13.214	180	143423	38.132	ug/L	100
70) 1,2,4-trichlorobenzene	13.835	180	132232	37.387	ug/L	100
71) Naphthalene	14.082	128	424763	38.239	ug/L	100
72) 1,2,3-Trichlorobenzene	14.324	180	137708	38.253	ug/L	100

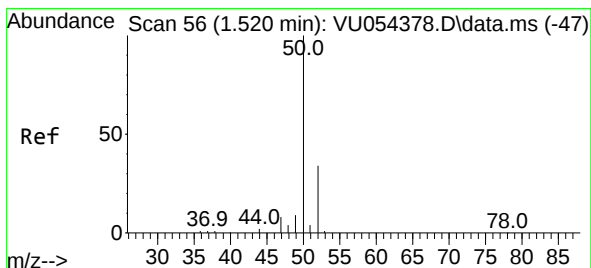
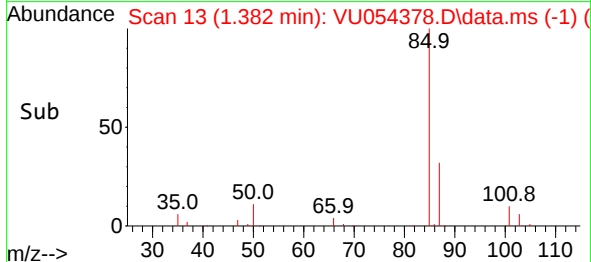
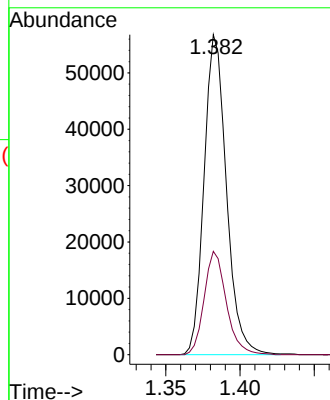
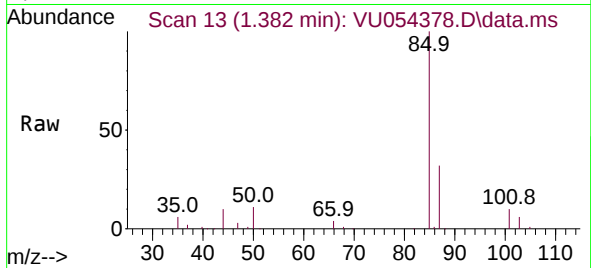
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#2
Dichlorodifluoromethane
Concen: 37.228 ug/L
RT: 1.382 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU054378.D
Acq: 01 Jun 2023 17:06

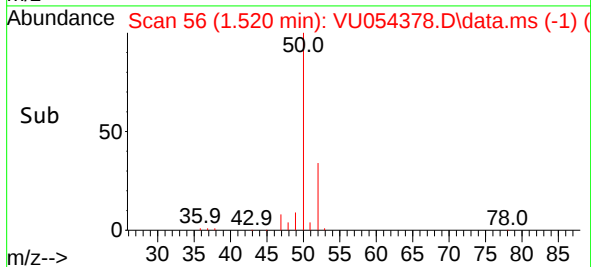
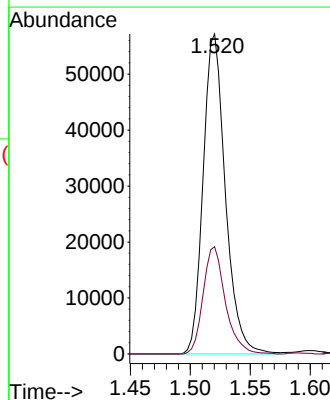
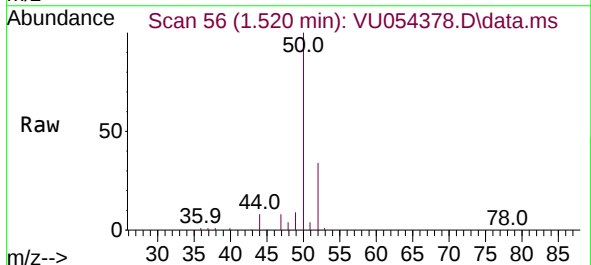
Instrument :
MSVOA_U
ClientSampleId :
VSTD050025

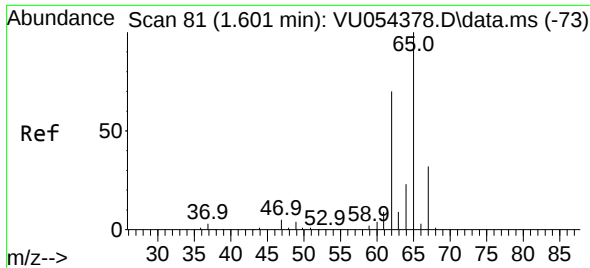
Tgt Ion: 85 Resp: 59362
Ion Ratio Lower Upper
85 100
87 31.9 25.5 38.3



#3
Chloromethane
Concen: 37.621 ug/L
RT: 1.520 min Scan# 56
Delta R.T. 0.000 min
Lab File: VU054378.D
Acq: 01 Jun 2023 17:06

Tgt Ion: 50 Resp: 73864
Ion Ratio Lower Upper
50 100
52 33.5 23.4 43.6

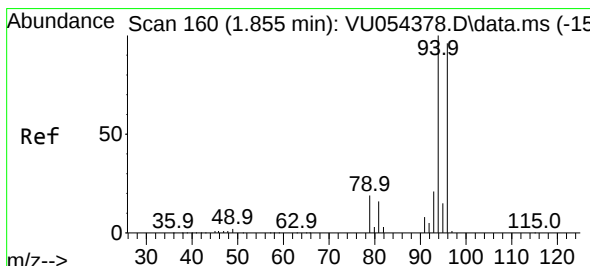
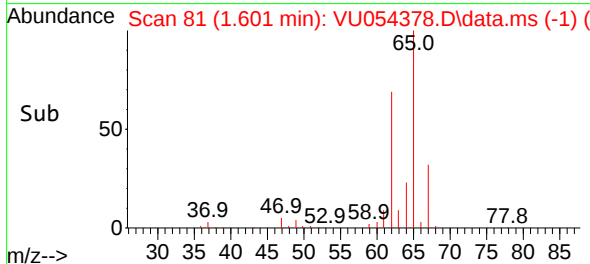
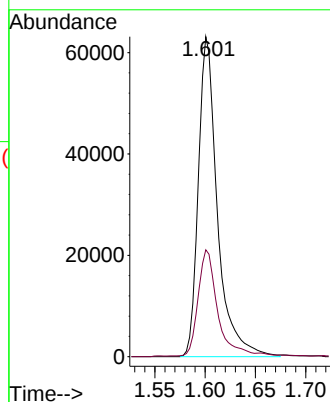
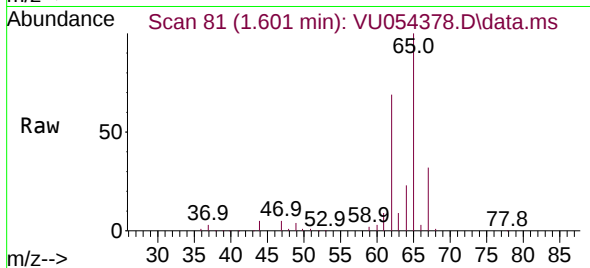




#5
 Vinyl chloride
 Concen: 38.696 ug/L
 RT: 1.601 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: VU054378.D
 Acq: 01 Jun 2023 17:06

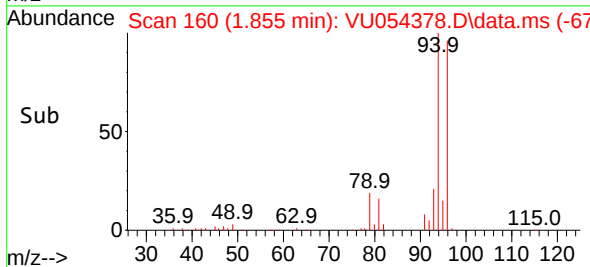
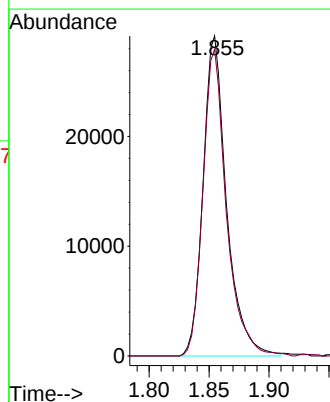
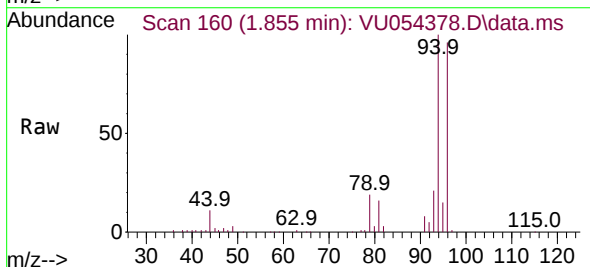
Instrument :
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 ClientSampleId :
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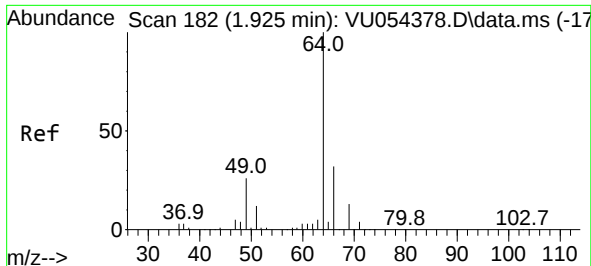
Tgt Ion: 62 Resp: 83263
 Ion Ratio Lower Upper
 62 100
 64 33.4 23.4 43.4



#6
 Bromomethane
 Concen: 36.400 ug/L
 RT: 1.855 min Scan# 160
 Delta R.T. 0.000 min
 Lab File: VU054378.D
 Acq: 01 Jun 2023 17:06

Tgt Ion: 94 Resp: 39760
 Ion Ratio Lower Upper
 94 100
 96 95.9 67.1 124.7

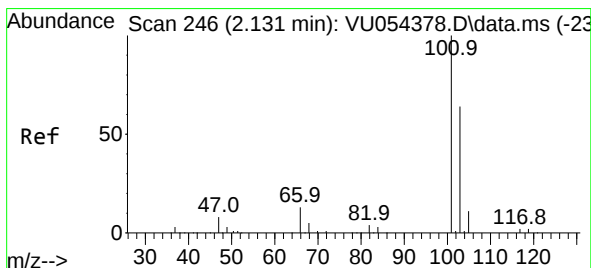
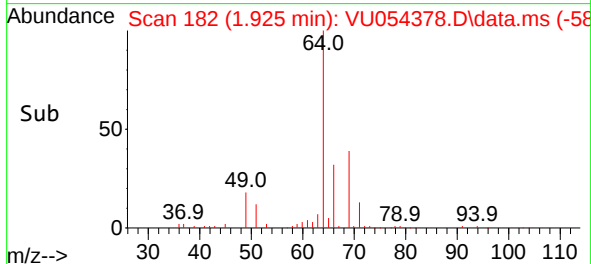
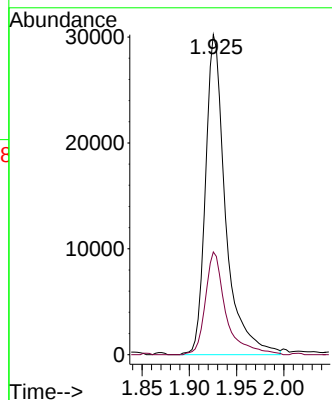
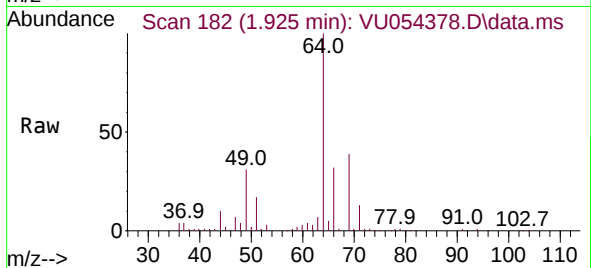




#8
Chloroethane
Concen: 36.360 ug/L
RT: 1.925 min Scan# 182
Delta R.T. 0.000 min
Lab File: VU054378.D
Acq: 01 Jun 2023 17:06

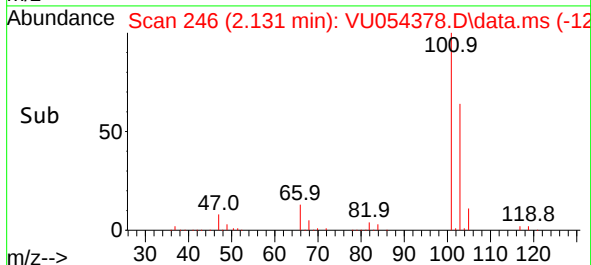
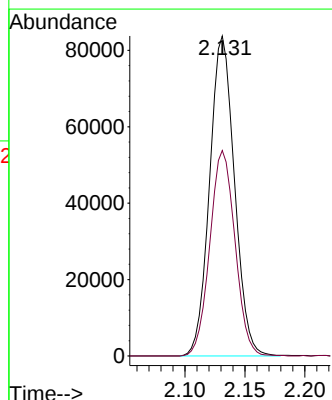
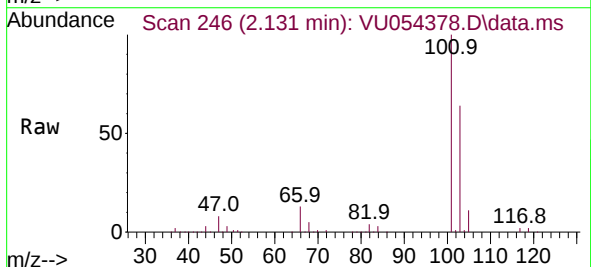
Instrument :
MSVOA_U
ClientSampleId :
VSTD050025

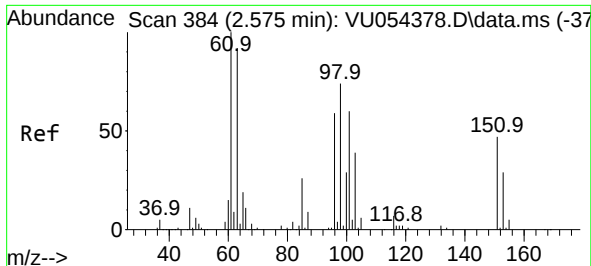
Tgt Ion: 64 Resp: 44738
Ion Ratio Lower Upper
64 100
66 32.1 22.5 41.7



#9
Trichlorofluoromethane
Concen: 38.254 ug/L
RT: 2.131 min Scan# 246
Delta R.T. 0.000 min
Lab File: VU054378.D
Acq: 01 Jun 2023 17:06

Tgt Ion:101 Resp: 120694
Ion Ratio Lower Upper
101 100
103 65.0 52.0 78.0





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 38.458 ug/L

RT: 2.575 min Scan# 384

Delta R.T. 0.000 min

Lab File: VU054378.D

Acq: 01 Jun 2023 17:06

Instrument :

MSVOA_U

ClientSampleId :

VSTD050025

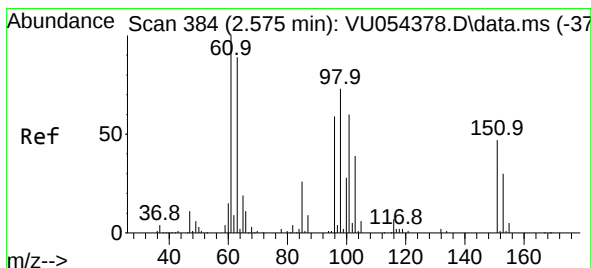
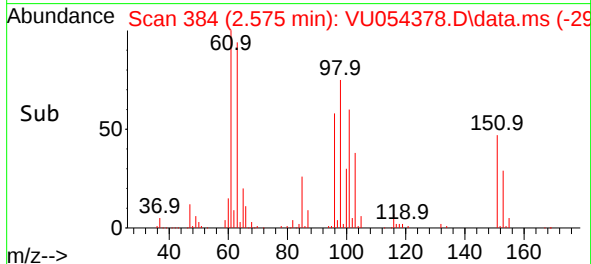
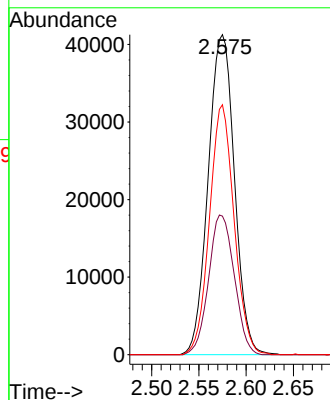
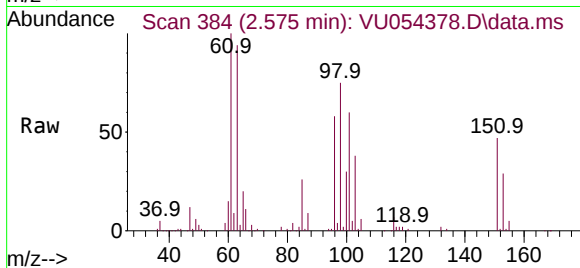
Tgt Ion:101 Resp: 79806

Ion Ratio Lower Upper

101 100

85 42.5 34.0 51.0

151 73.2 58.6 87.8



#12

1,1-Dichloroethene

Concen: 38.357 ug/L

RT: 2.575 min Scan# 384

Delta R.T. 0.000 min

Lab File: VU054378.D

Acq: 01 Jun 2023 17:06

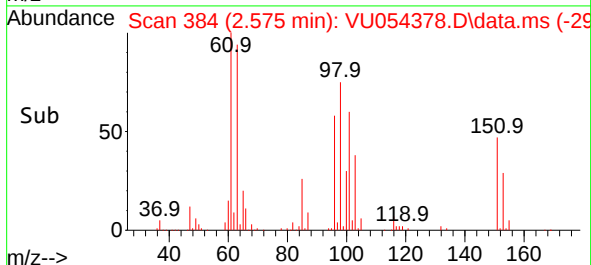
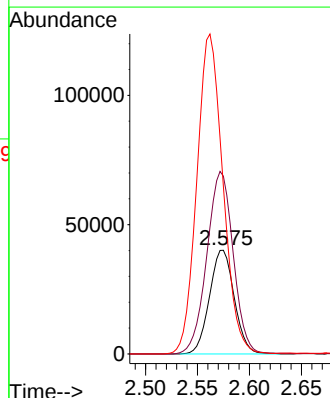
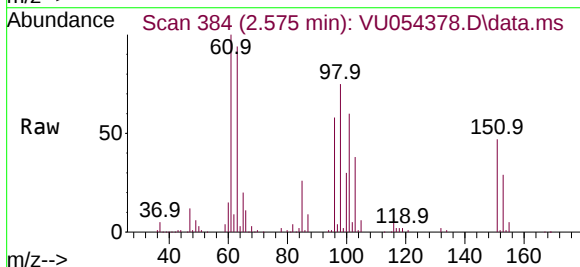
Tgt Ion: 96 Resp: 66607

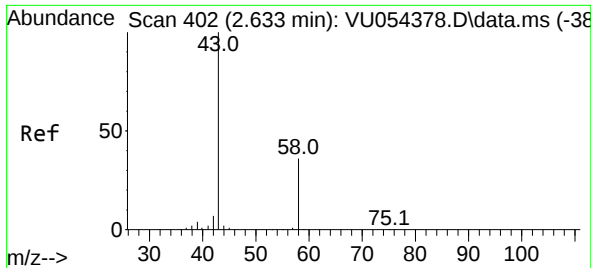
Ion Ratio Lower Upper

96 100

61 171.4 120.0 222.8

63 161.3 112.9 209.7





#13

Acetone

Concen: 71.366 ug/L

RT: 2.633 min Scan# 402

Delta R.T. 0.000 min

Lab File: VU054378.D

Acq: 01 Jun 2023 17:06

Instrument :

MSVOA_U

ClientSampleId :

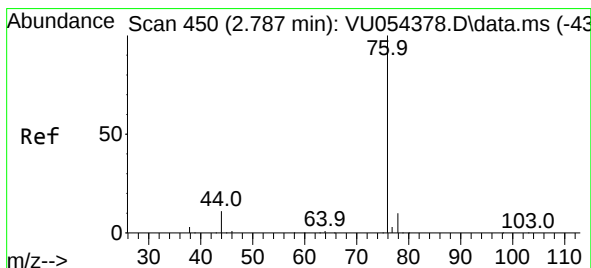
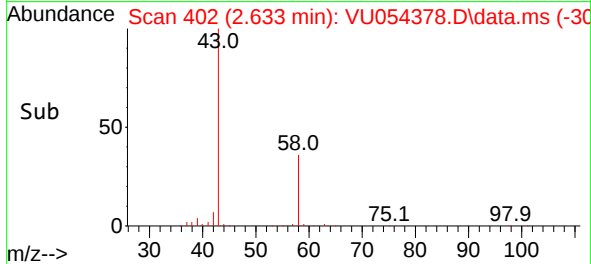
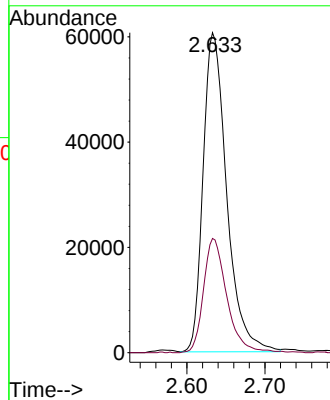
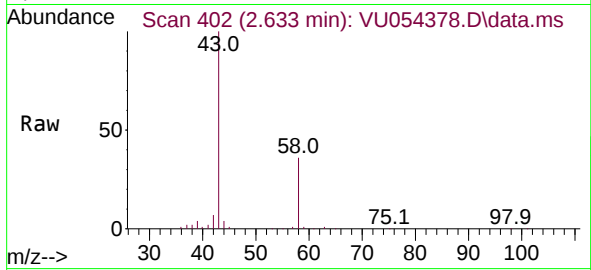
VSTD050025

Tgt Ion: 43 Resp: 127768

Ion Ratio Lower Upper

43 100

58 35.0 0.0 70.0



#14

Carbon disulfide

Concen: 37.793 ug/L

RT: 2.787 min Scan# 450

Delta R.T. 0.000 min

Lab File: VU054378.D

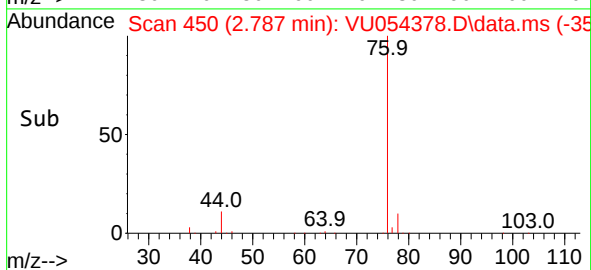
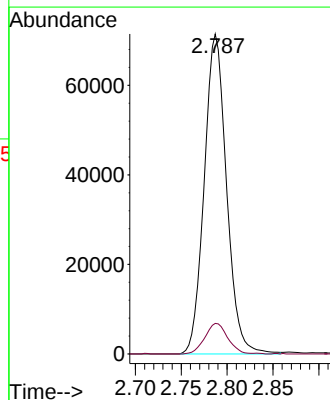
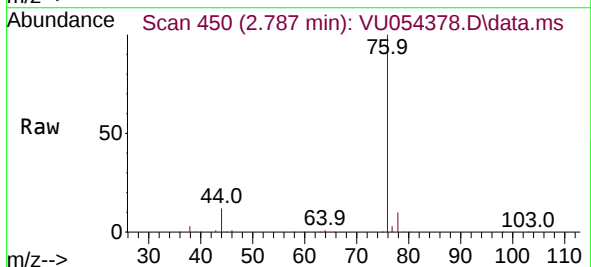
Acq: 01 Jun 2023 17:06

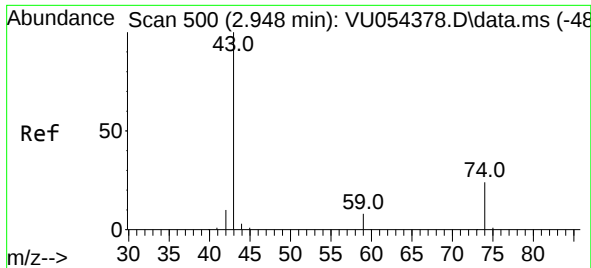
Tgt Ion: 76 Resp: 120952

Ion Ratio Lower Upper

76 100

78 9.5 7.6 11.4

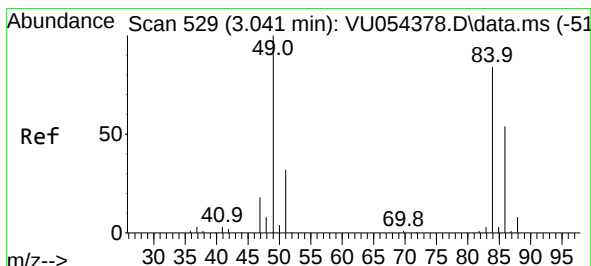
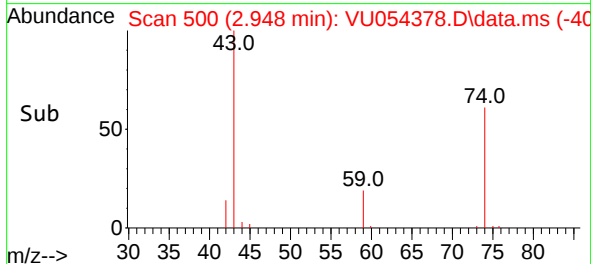
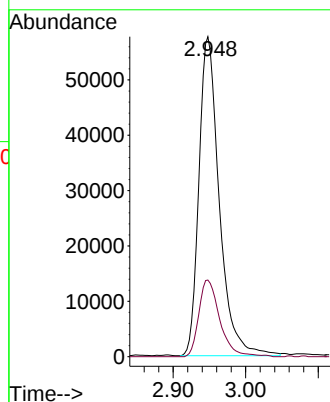
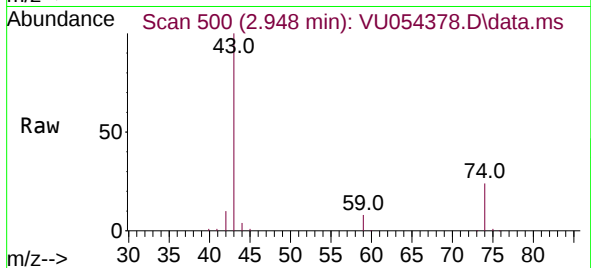




#15
Methyl Acetate
Concen: 38.141 ug/L
RT: 2.948 min Scan# 500
Delta R.T. 0.000 min
Lab File: VU054378.D
Acq: 01 Jun 2023 17:06

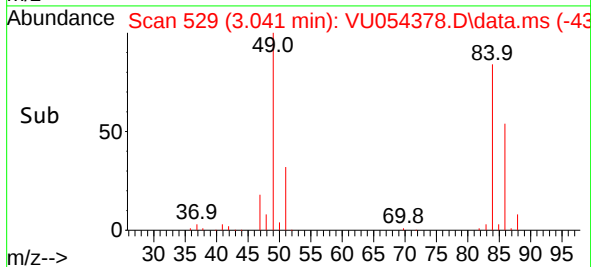
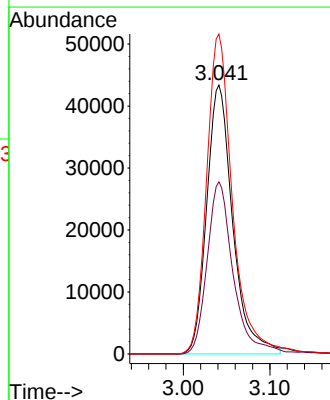
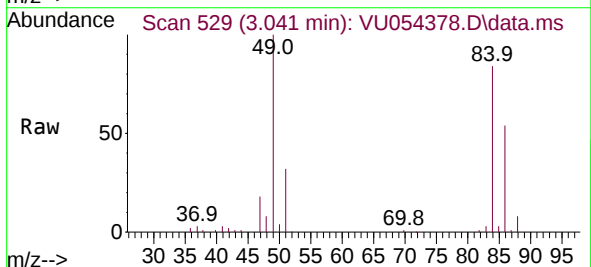
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ClientSampleId :
VSTD050025

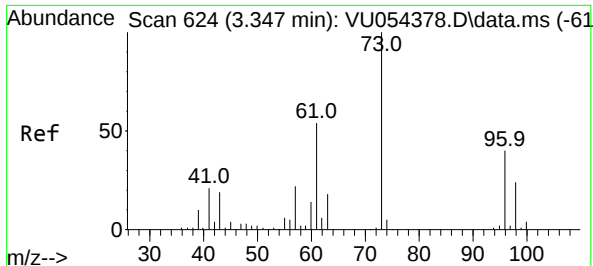
Tgt Ion: 43 Resp: 112586
Ion Ratio Lower Upper
43 100
74 24.7 19.8 29.6



#16
Methylene chloride
Concen: 35.094 ug/L
RT: 3.041 min Scan# 529
Delta R.T. 0.000 min
Lab File: VU054378.D
Acq: 01 Jun 2023 17:06

Tgt Ion: 84 Resp: 90720
Ion Ratio Lower Upper
84 100
86 64.0 44.8 83.2
49 119.0 83.3 154.7





#17

trans-1,2-Dichloroethene

Concen: 38.888 ug/L

RT: 3.347 min Scan# 61

Delta R.T. 0.000 min

Lab File: VU054378.D

Acq: 01 Jun 2023 17:06

Instrument :

MSVOA_U

ClientSampleId :

VSTD050025

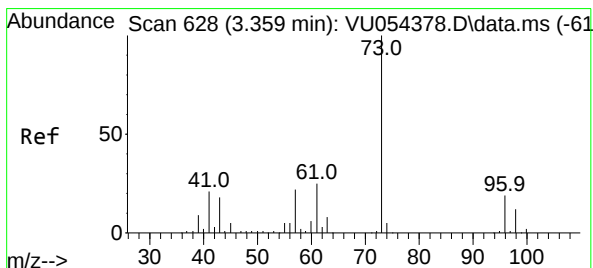
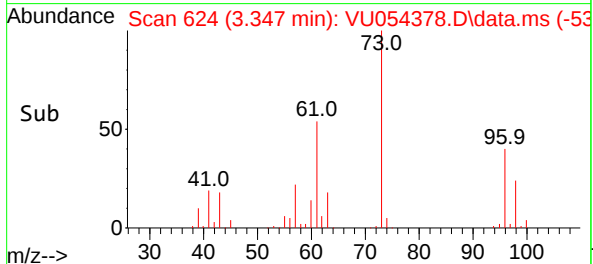
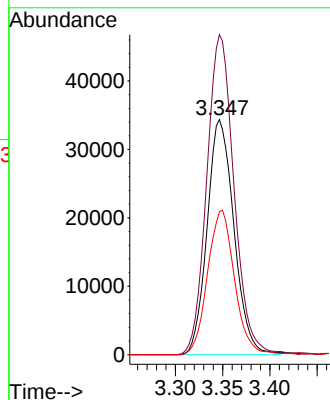
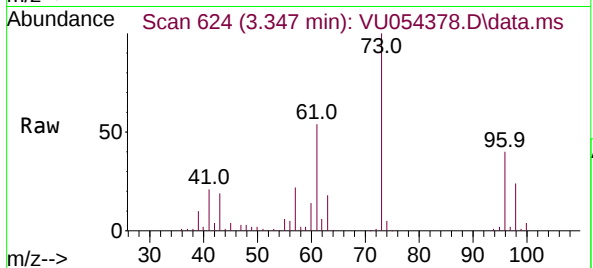
Tgt Ion: 96 Resp: 67855

Ion Ratio Lower Upper

96 100

61 136.2 95.3 177.1

98 60.8 42.6 79.0



#18

Methyl tert-butyl Ether

Concen: 38.344 ug/L

RT: 3.359 min Scan# 628

Delta R.T. 0.000 min

Lab File: VU054378.D

Acq: 01 Jun 2023 17:06

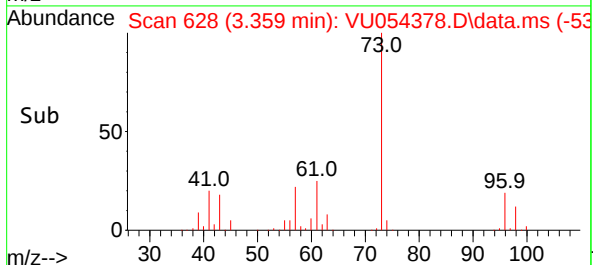
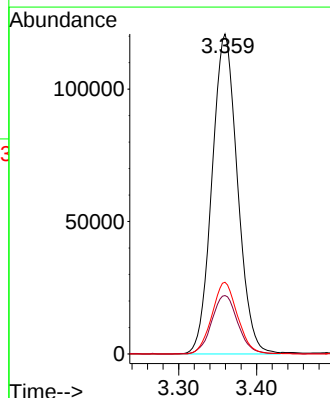
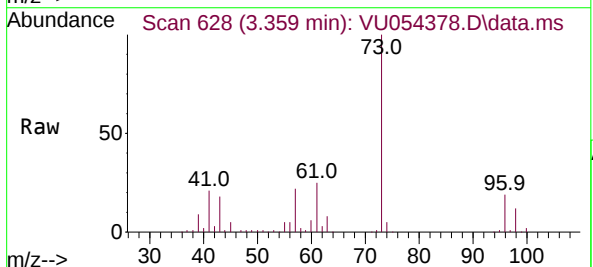
Tgt Ion: 73 Resp: 274799

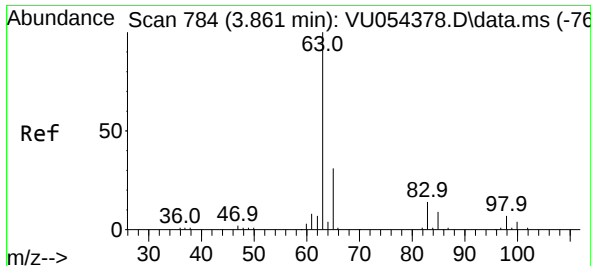
Ion Ratio Lower Upper

73 100

43 18.9 15.1 22.7

57 22.5 18.0 27.0



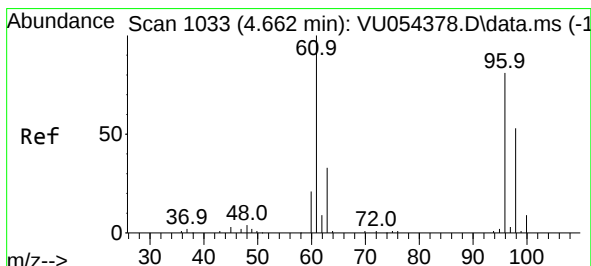
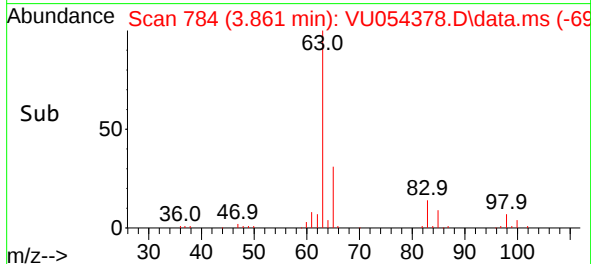
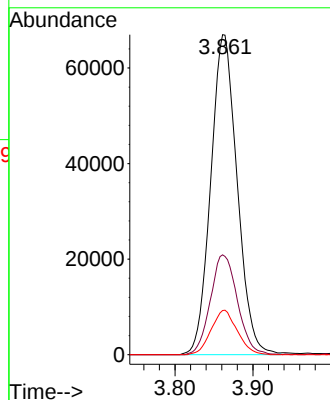
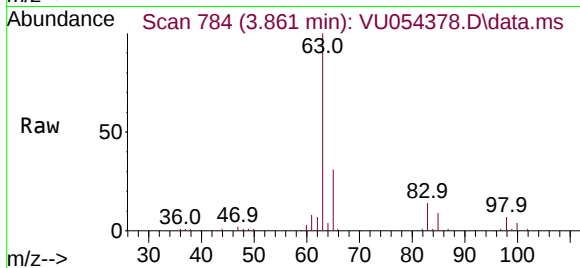


#19
1,1-Dichloroethane
Concen: 38.855 ug/L
RT: 3.861 min Scan# 784
Delta R.T. 0.000 min
Lab File: VU054378.D
Acq: 01 Jun 2023 17:06

Instrument :
MSVOA_U
ClientSampleId :
VSTD050025

Tgt Ion: 63 Resp: 158047

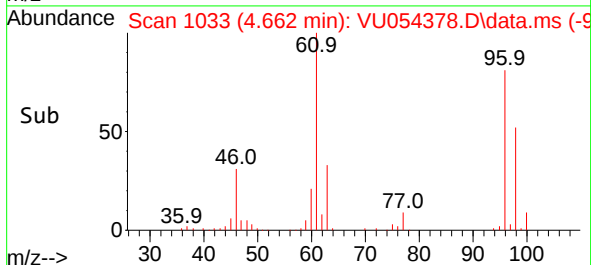
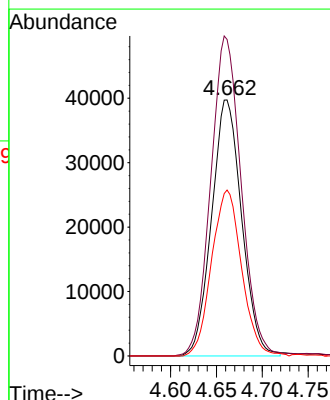
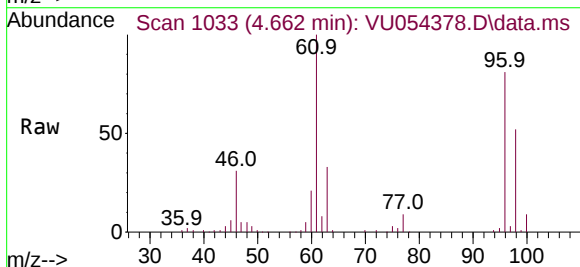
Ion	Ratio	Lower	Upper
63	100		
65	31.2	21.8	40.6
83	13.8	9.7	17.9

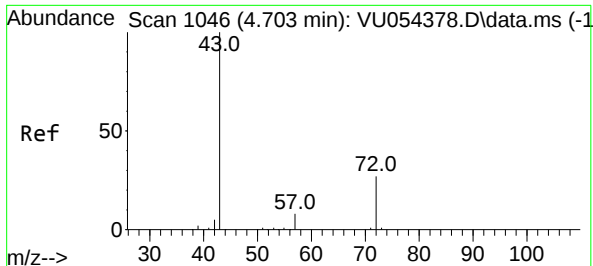


#20
cis-1,2-Dichloroethene
Concen: 38.962 ug/L
RT: 4.662 min Scan# 1033
Delta R.T. 0.000 min
Lab File: VU054378.D
Acq: 01 Jun 2023 17:06

Tgt Ion: 96 Resp: 90522

Ion	Ratio	Lower	Upper
96	100		
61	123.6	86.5	160.7
98	64.9	45.4	84.4

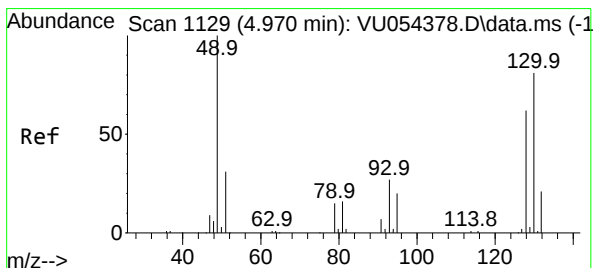
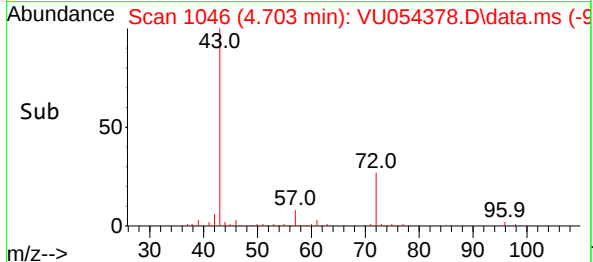
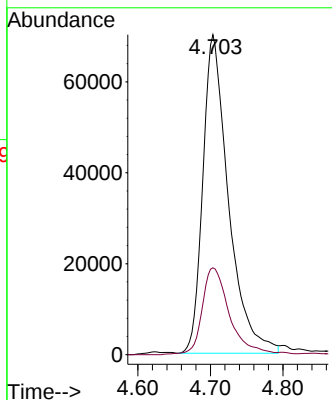
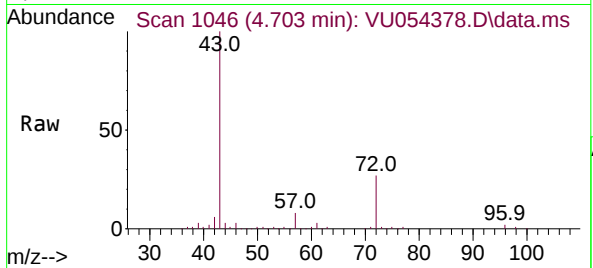




#22
2-Butanone
Concen: 74.656 ug/L
RT: 4.703 min Scan# 1046
Delta R.T. 0.000 min
Lab File: VU054378.D
Acq: 01 Jun 2023 17:06

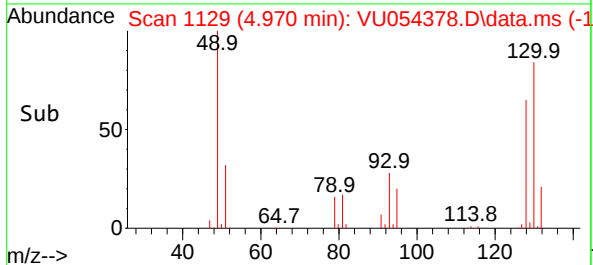
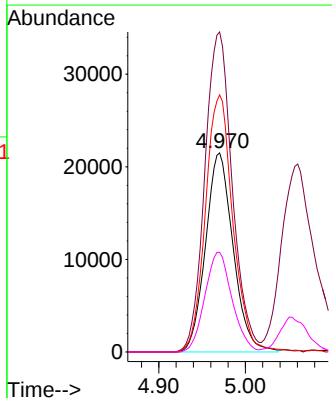
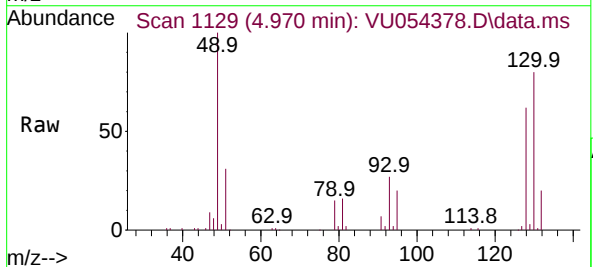
Instrument :
MSVOA_U
ClientSampleId :
VSTD050025

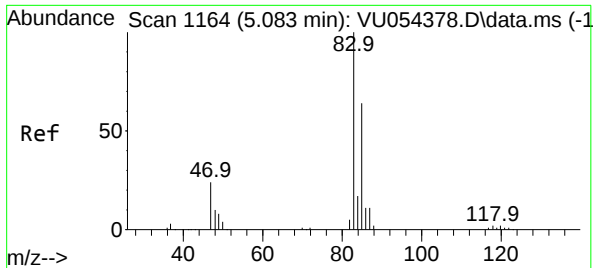
Tgt Ion: 43 Resp: 172249
Ion Ratio Lower Upper
43 100
72 28.9 14.4 43.4



#23
Bromochloromethane
Concen: 39.596 ug/L
RT: 4.970 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VU054378.D
Acq: 01 Jun 2023 17:06

Tgt Ion: 128 Resp: 47538
Ion Ratio Lower Upper
128 100
49 160.8 112.6 209.0
130 129.3 90.5 168.1
51 50.1 40.1 60.1

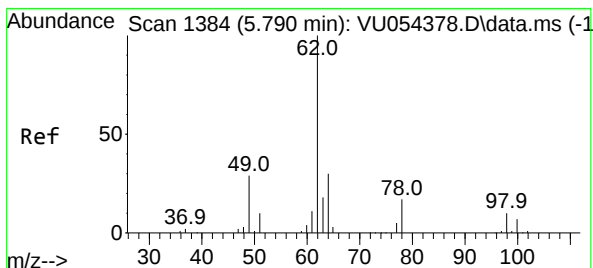
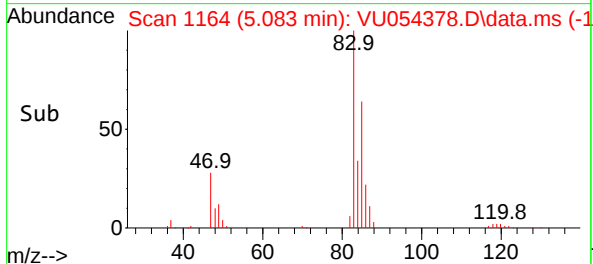
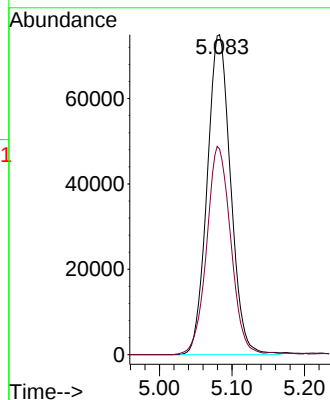
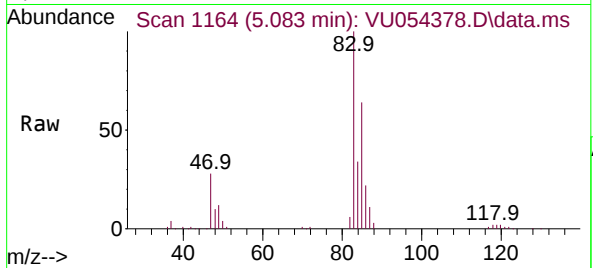




#25
Chloroform
Concen: 38.882 ug/L
RT: 5.083 min Scan# 1164
Delta R.T. 0.000 min
Lab File: VU054378.D
Acq: 01 Jun 2023 17:06

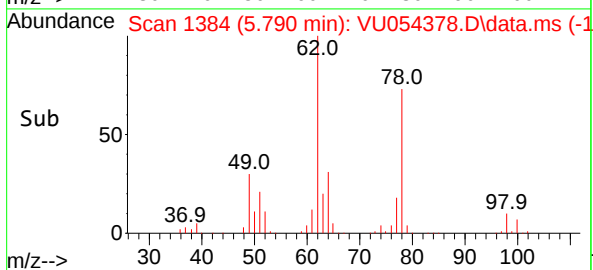
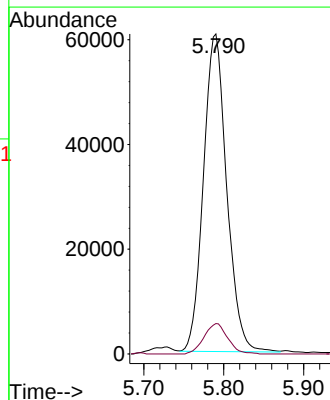
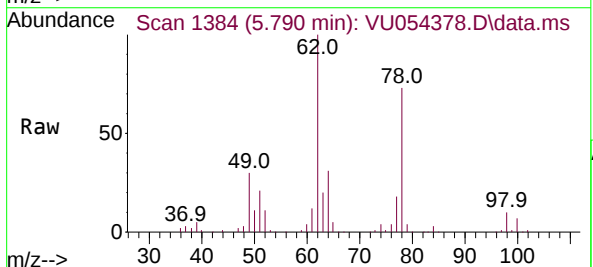
Instrument :
MSVOA_U
ClientSampleId :
VSTD050025

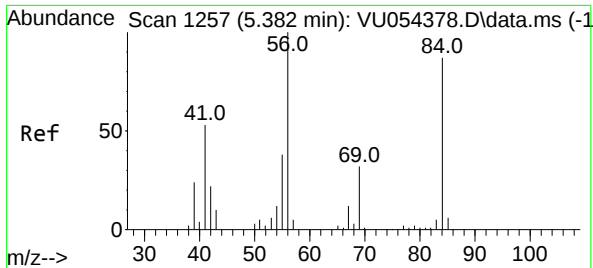
Tgt Ion: 83 Resp: 168591
Ion Ratio Lower Upper
83 100
85 64.3 45.0 83.6



#27
1,2-Dichloroethane
Concen: 38.854 ug/L
RT: 5.790 min Scan# 1384
Delta R.T. 0.000 min
Lab File: VU054378.D
Acq: 01 Jun 2023 17:06

Tgt Ion: 62 Resp: 122888
Ion Ratio Lower Upper
62 100
98 9.5 7.6 11.4





#29

Cyclohexane

Concen: 37.920 ug/L

RT: 5.382 min Scan# 1257

Delta R.T. 0.000 min

Lab File: VU054378.D

Acq: 01 Jun 2023 17:06

Instrument :

MSVOA_U

ClientSampleId :

VSTD050025

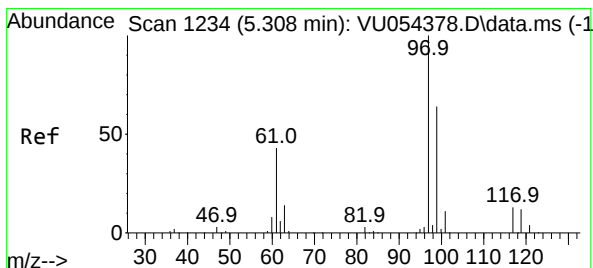
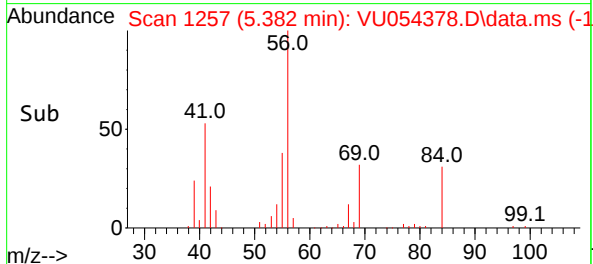
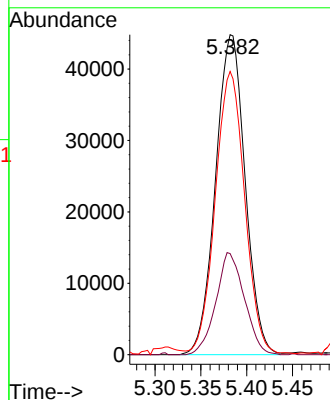
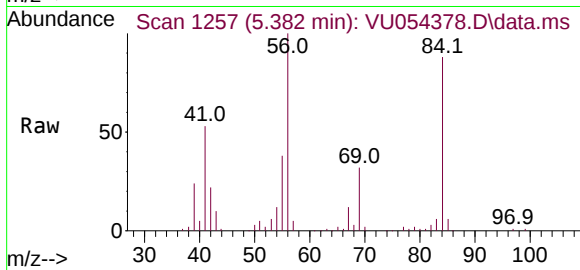
Tgt Ion: 56 Resp: 100705

Ion Ratio Lower Upper

56 100

69 30.6 24.5 36.7

84 86.8 69.4 104.2



#30

1,1,1-Trichloroethane

Concen: 38.724 ug/L

RT: 5.308 min Scan# 1234

Delta R.T. 0.000 min

Lab File: VU054378.D

Acq: 01 Jun 2023 17:06

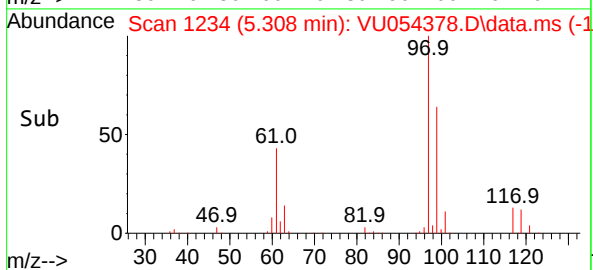
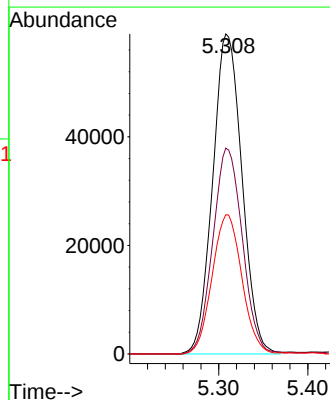
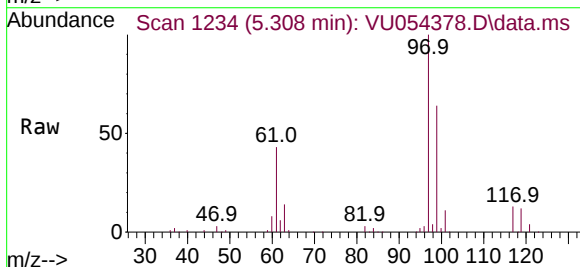
Tgt Ion: 97 Resp: 134744

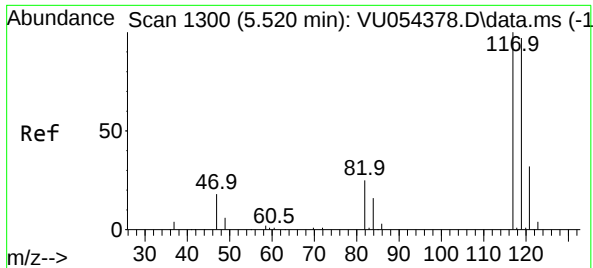
Ion Ratio Lower Upper

97 100

99 64.9 51.9 77.9

61 44.2 35.4 53.0

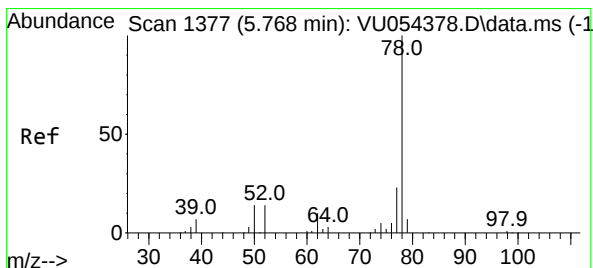
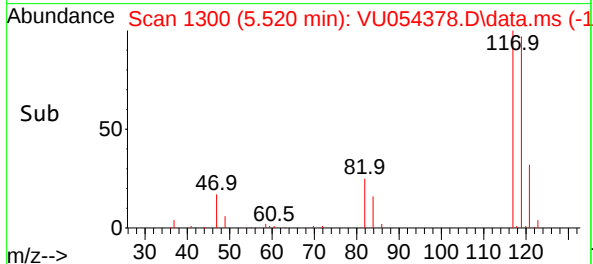
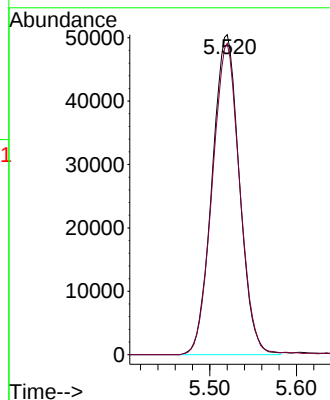
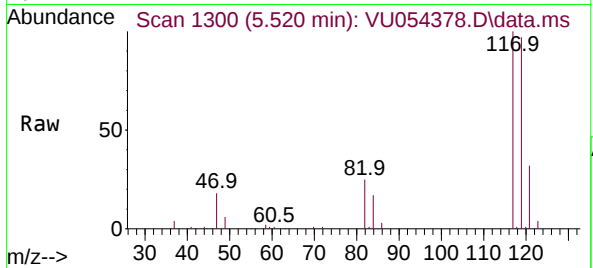




#31
Carbon tetrachloride
Concen: 38.416 ug/L
RT: 5.520 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU054378.D
Acq: 01 Jun 2023 17:06

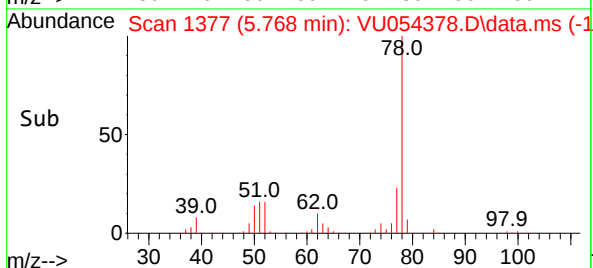
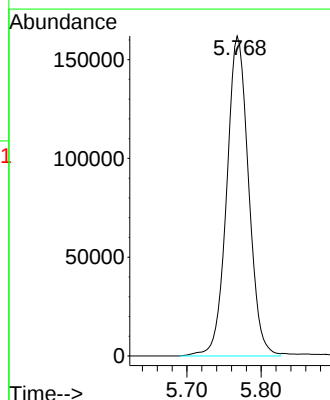
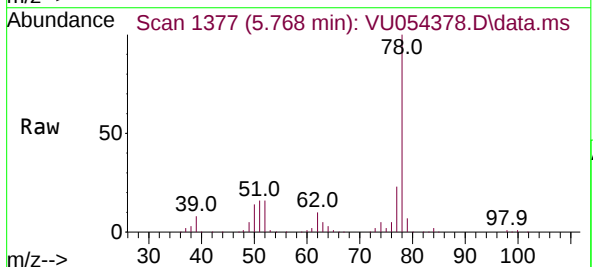
Instrument :
MSVOA_U
ClientSampleId :
VSTD050025

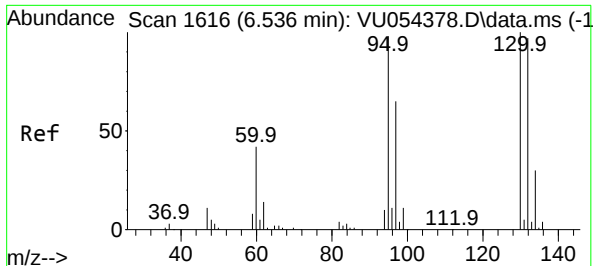
Tgt Ion:117 Resp: 110413
Ion Ratio Lower Upper
117 100
119 97.6 78.1 117.1



#33
Benzene
Concen: 39.669 ug/L
RT: 5.768 min Scan# 1377
Delta R.T. 0.000 min
Lab File: VU054378.D
Acq: 01 Jun 2023 17:06

Tgt Ion: 78 Resp: 331307

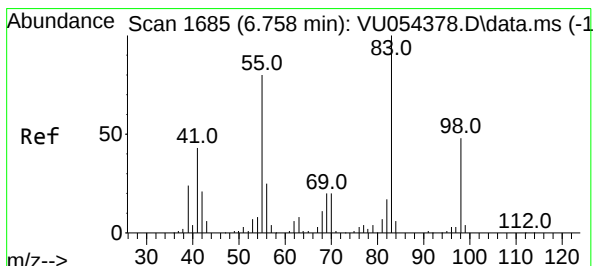
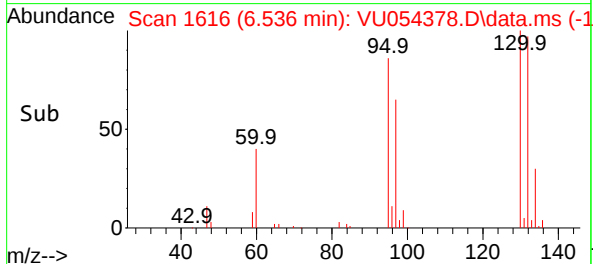
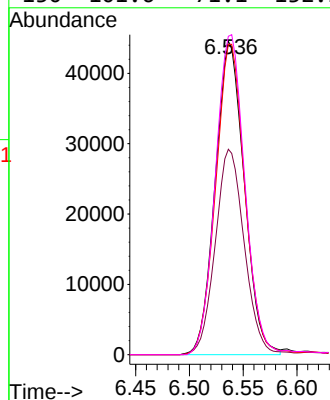
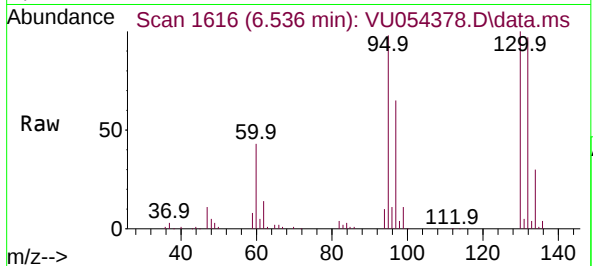




#34
Trichloroethene
Concen: 37.614 ug/L
RT: 6.536 min Scan# 1616
Delta R.T. 0.000 min
Lab File: VU054378.D
Acq: 01 Jun 2023 17:06

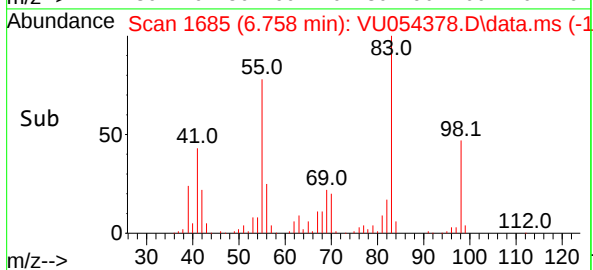
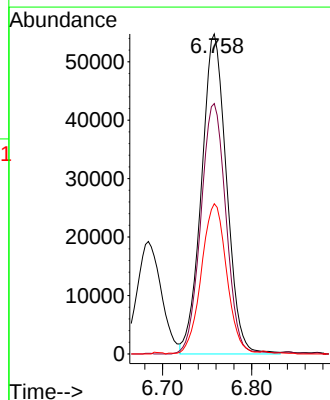
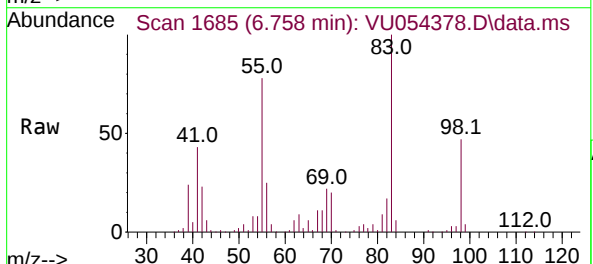
Instrument :
MSVOA_U
ClientSampleId :
VSTD050025

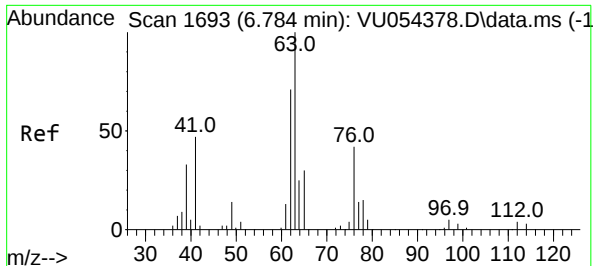
Tgt Ion: 95 Resp: 83500
Ion Ratio Lower Upper
95 100
97 65.6 45.9 85.3
132 99.0 69.3 128.7
130 101.6 71.1 132.1



#35
Methylcyclohexane
Concen: 39.039 ug/L
RT: 6.758 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VU054378.D
Acq: 01 Jun 2023 17:06

Tgt Ion: 83 Resp: 106883
Ion Ratio Lower Upper
83 100
55 78.4 62.7 94.1
98 47.2 37.8 56.6

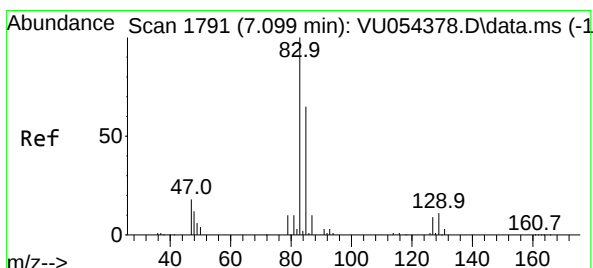
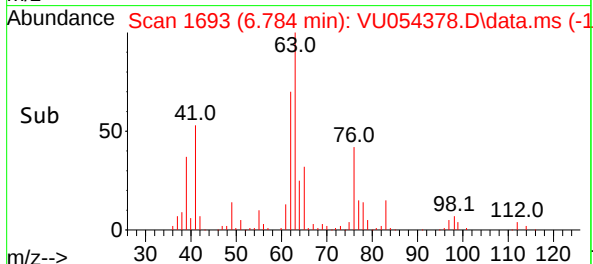
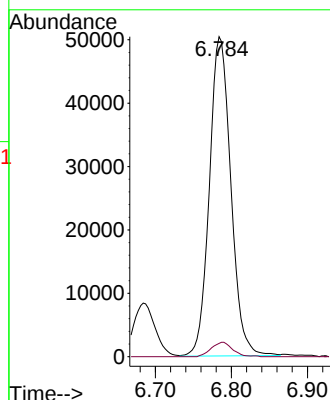
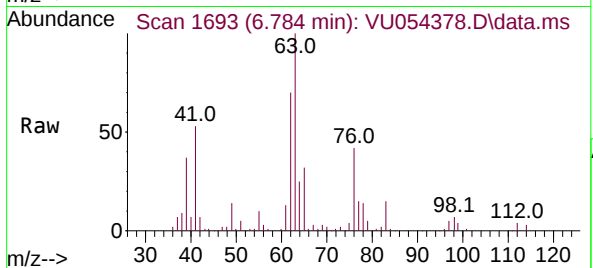




#37
1,2-Dichloropropane
Concen: 40.048 ug/L
RT: 6.784 min Scan# 1693
Delta R.T. 0.000 min
Lab File: VU054378.D
Acq: 01 Jun 2023 17:06

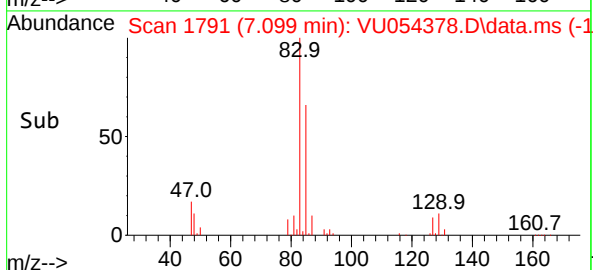
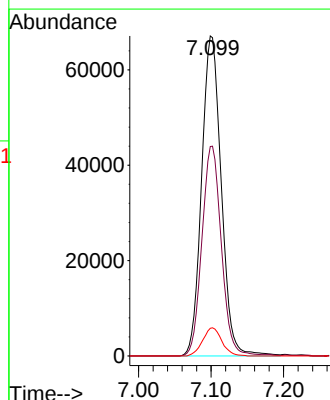
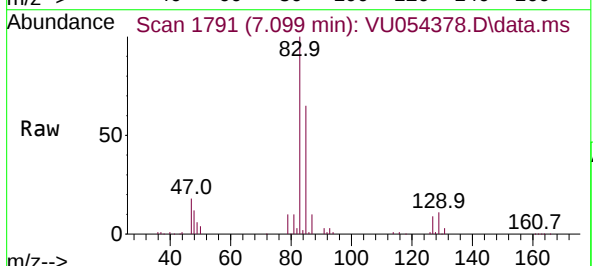
Instrument :
MSVOA_U
ClientSampleId :
VSTD050025

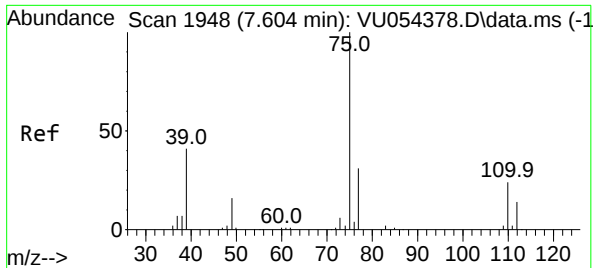
Tgt Ion: 63 Resp: 98877
Ion Ratio Lower Upper
63 100
112 4.4 3.5 5.3



#38
Bromodichloromethane
Concen: 38.826 ug/L
RT: 7.099 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VU054378.D
Acq: 01 Jun 2023 17:06

Tgt Ion: 83 Resp: 126462
Ion Ratio Lower Upper
83 100
85 65.5 45.8 85.2
127 8.7 7.0 10.4





#39

cis-1,3-Dichloropropene

Concen: 38.261 ug/L

RT: 7.604 min Scan# 1948

Delta R.T. 0.000 min

Lab File: VU054378.D

Acq: 01 Jun 2023 17:06

Instrument :

MSVOA_U

ClientSampleId :

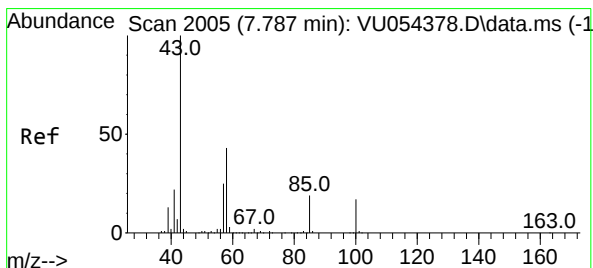
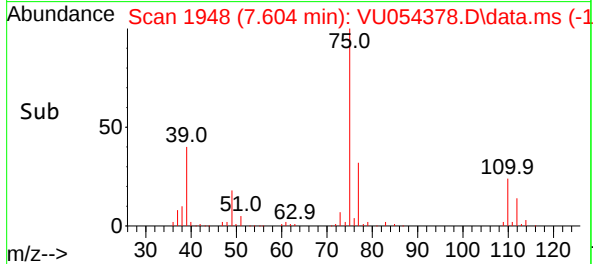
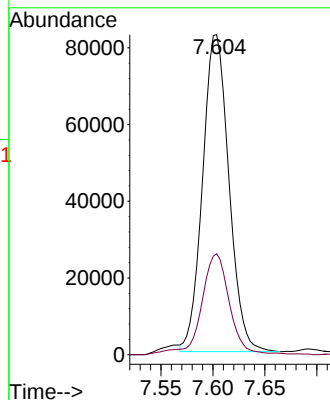
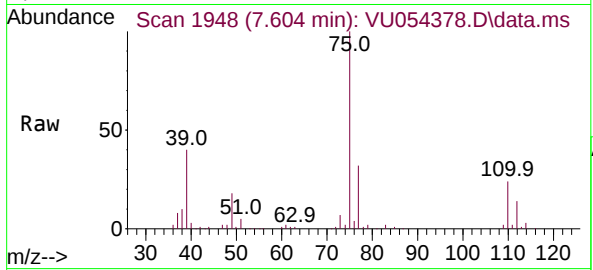
VSTD050025

Tgt Ion: 75 Resp: 145934

Ion Ratio Lower Upper

75 100

77 31.6 22.1 41.1



#40

4-Methyl-2-pentanone

Concen: 77.668 ug/L

RT: 7.787 min Scan# 2005

Delta R.T. 0.000 min

Lab File: VU054378.D

Acq: 01 Jun 2023 17:06

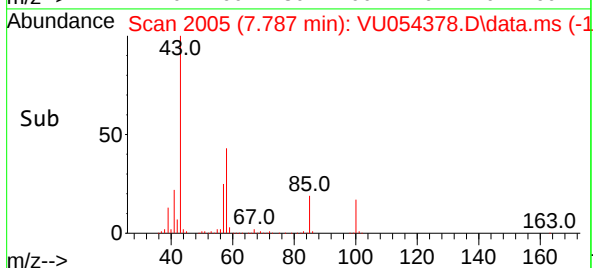
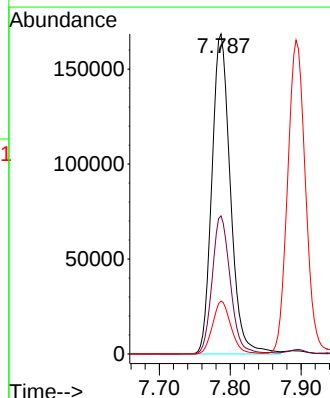
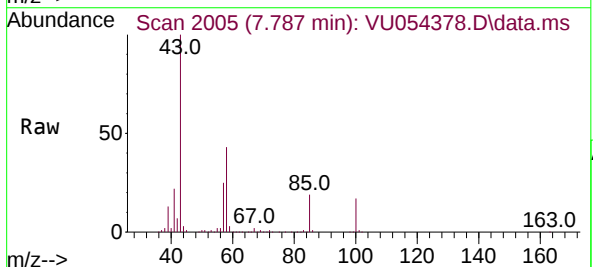
Tgt Ion: 43 Resp: 305787

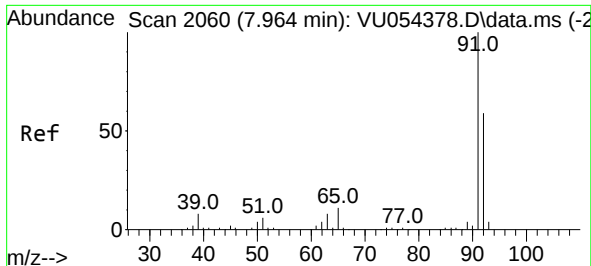
Ion Ratio Lower Upper

43 100

58 42.4 33.9 50.9

100 16.4 13.1 19.7





#42

Toluene

Concen: 39.638 ug/L

RT: 7.964 min Scan# 2060

Delta R.T. 0.000 min

Lab File: VU054378.D

Acq: 01 Jun 2023 17:06

Instrument :

MSVOA_U

ClientSampleId :

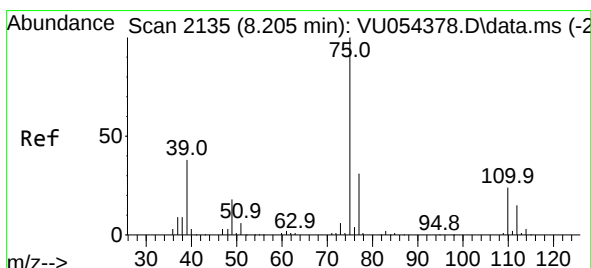
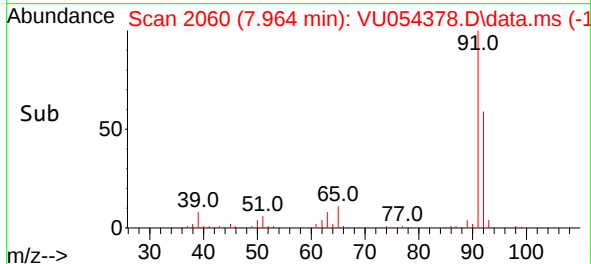
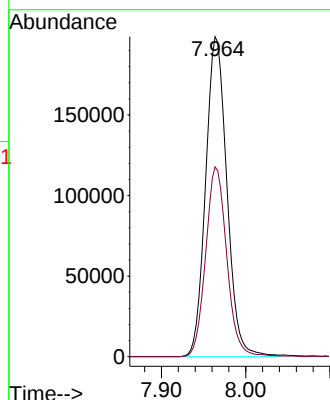
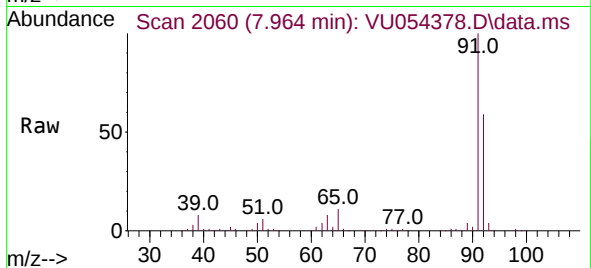
VSTD050025

Tgt Ion: 91 Resp: 349123

Ion Ratio Lower Upper

91 100

92 59.3 41.5 77.1



#44

trans-1,3-Dichloropropene

Concen: 39.320 ug/L

RT: 8.205 min Scan# 2135

Delta R.T. 0.000 min

Lab File: VU054378.D

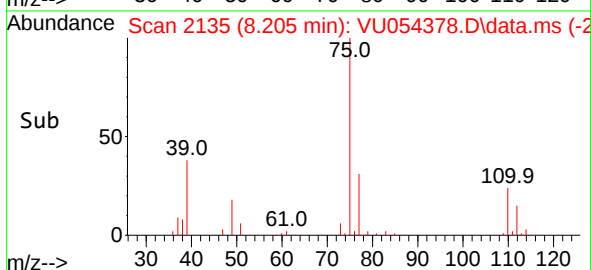
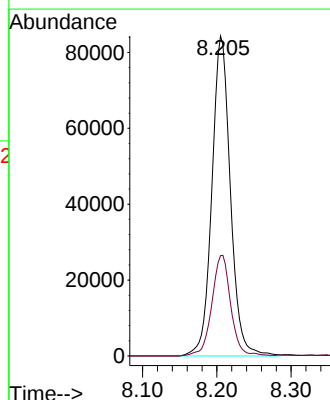
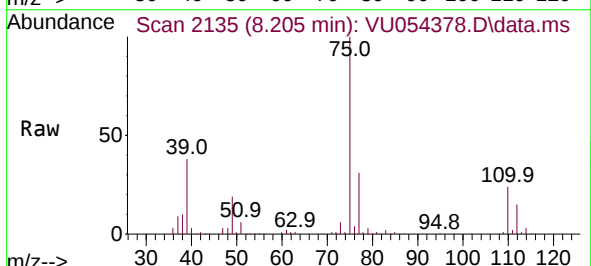
Acq: 01 Jun 2023 17:06

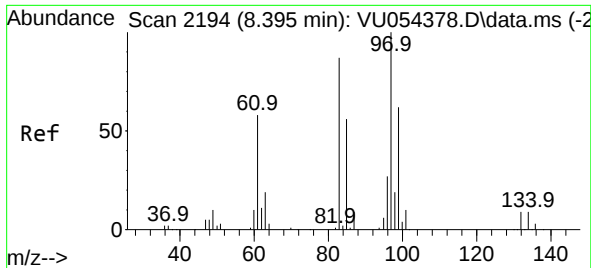
Tgt Ion: 75 Resp: 146089

Ion Ratio Lower Upper

75 100

77 31.3 21.9 40.7



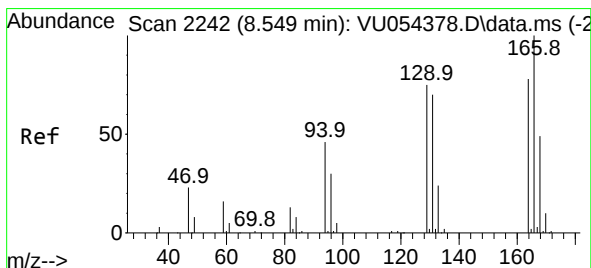
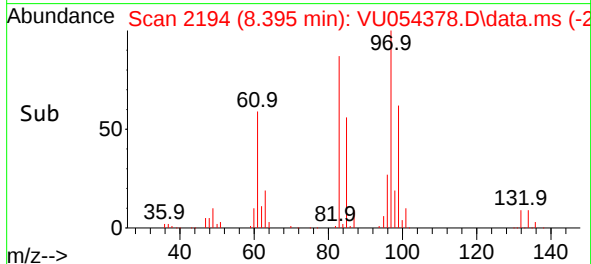
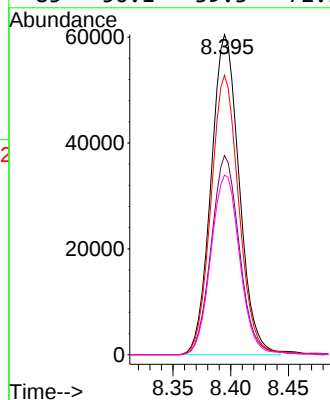
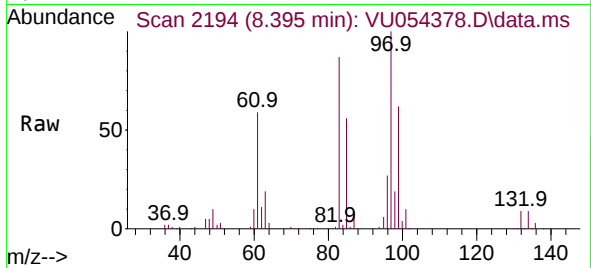


#45
1,1,2-Trichloroethane
Concen: 39.251 ug/L
RT: 8.395 min Scan# 2194
Delta R.T. 0.000 min
Lab File: VU054378.D
Acq: 01 Jun 2023 17:06

Instrument :
MSVOA_U
ClientSampleId :
VSTD050025

Tgt Ion: 97 Resp: 102534

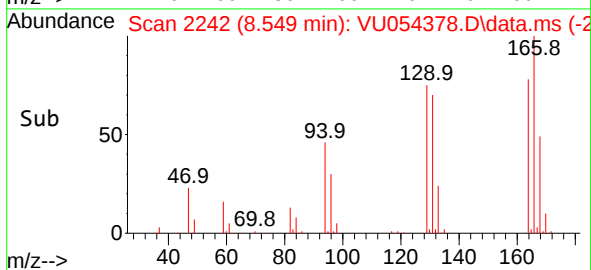
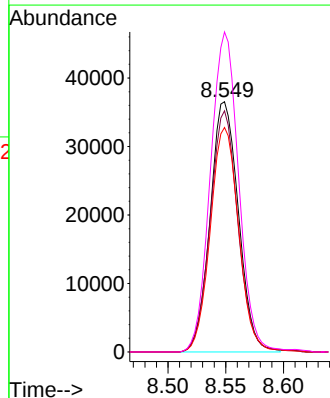
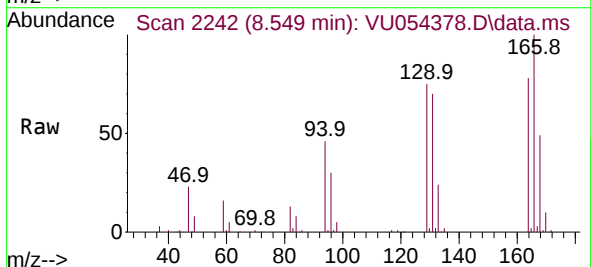
Ion	Ratio	Lower	Upper
97	100		
99	62.2	43.5	80.9
83	87.3	61.1	113.5
85	56.1	39.3	72.9

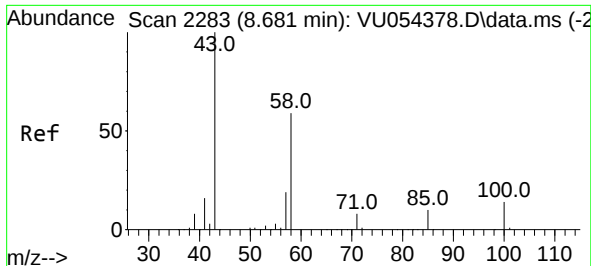


#46
Tetrachloroethene
Concen: 38.105 ug/L
RT: 8.549 min Scan# 2242
Delta R.T. 0.000 min
Lab File: VU054378.D
Acq: 01 Jun 2023 17:06

Tgt Ion: 164 Resp: 62302

Ion	Ratio	Lower	Upper
164	100		
129	96.4	67.5	125.3
131	89.7	62.8	116.6
166	127.9	89.5	166.3

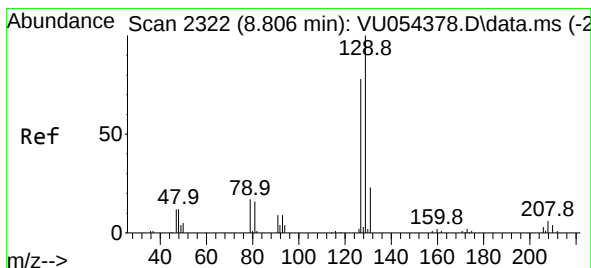
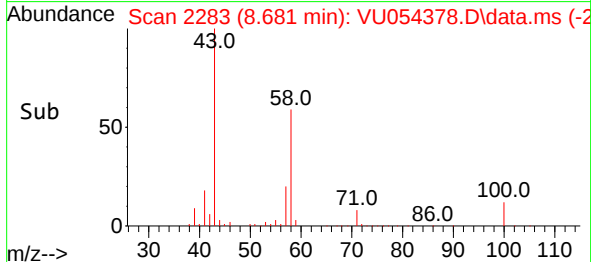
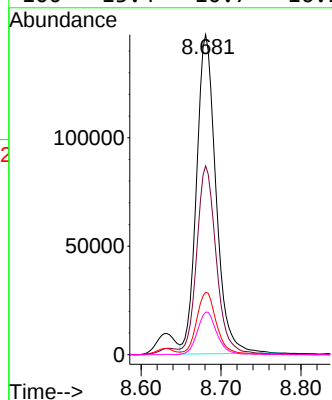
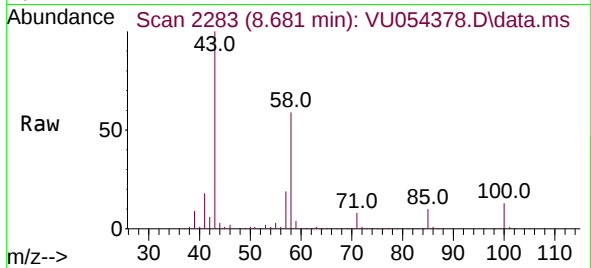




#48
2-Hexanone
Concen: 77.889 ug/L
RT: 8.681 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU054378.D
Acq: 01 Jun 2023 17:06

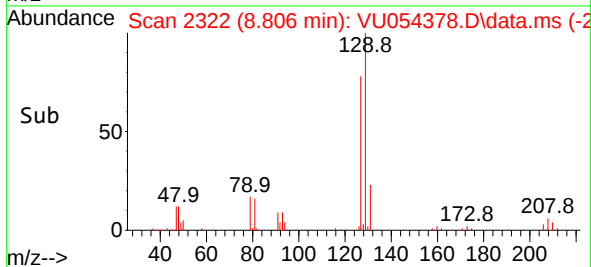
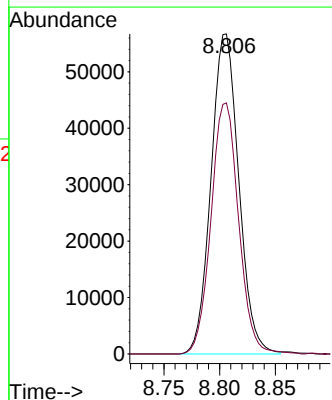
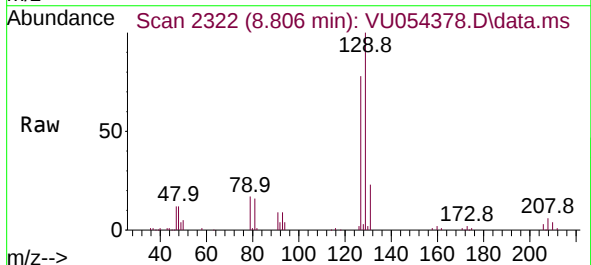
Instrument :
MSVOA_U
ClientSampleId :
VSTD050025

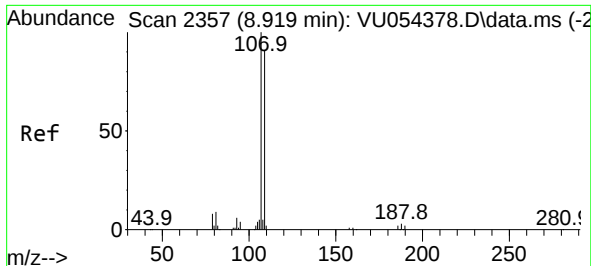
Tgt Ion:	43	Resp:	249908
Ion	Ratio	Lower	Upper
43	100		
58	59.6	47.7	71.5
57	20.1	16.1	24.1
100	13.4	10.7	16.1



#49
Dibromochloromethane
Concen: 39.197 ug/L
RT: 8.806 min Scan# 2322
Delta R.T. 0.000 min
Lab File: VU054378.D
Acq: 01 Jun 2023 17:06

Tgt Ion:	129	Resp:	98400
Ion	Ratio	Lower	Upper
129	100		
127	78.4	54.9	101.9





#50

1,2-Dibromoethane

Concen: 38.743 ug/L

RT: 8.919 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU054378.D

Acq: 01 Jun 2023 17:06

Instrument :

MSVOA_U

ClientSampleId :

VSTD050025

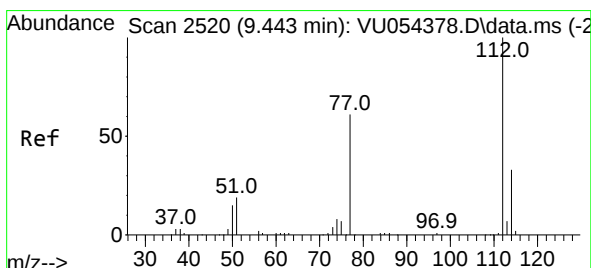
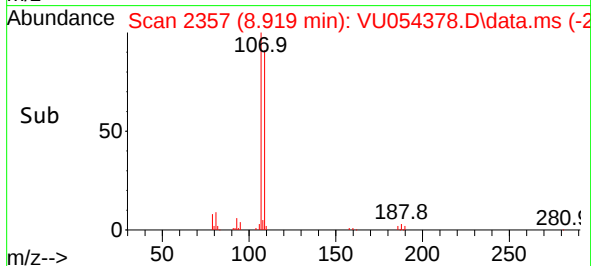
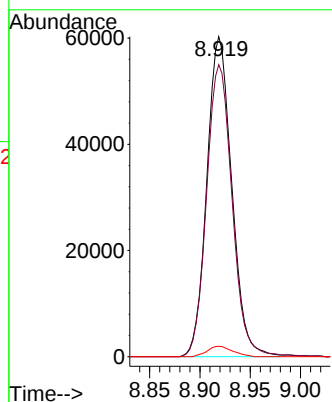
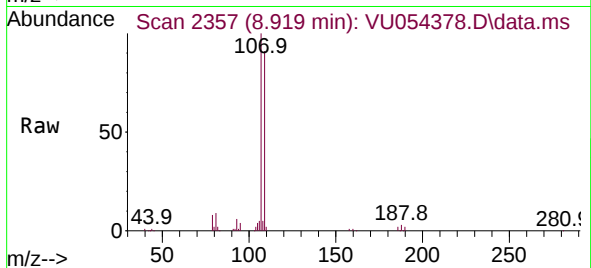
Tgt Ion:107 Resp: 103832

Ion Ratio Lower Upper

107 100

109 91.2 63.8 118.6

188 3.4 2.7 4.1



#51

Chlorobenzene

Concen: 37.988 ug/L

RT: 9.443 min Scan# 2520

Delta R.T. 0.000 min

Lab File: VU054378.D

Acq: 01 Jun 2023 17:06

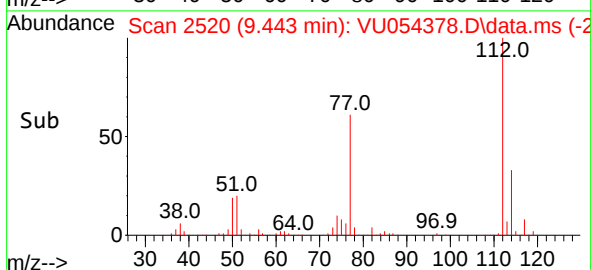
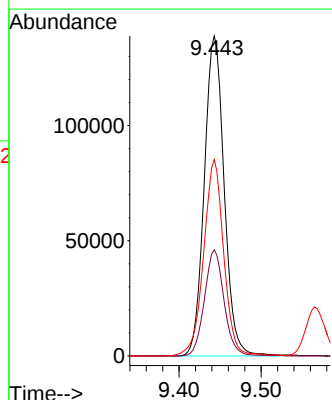
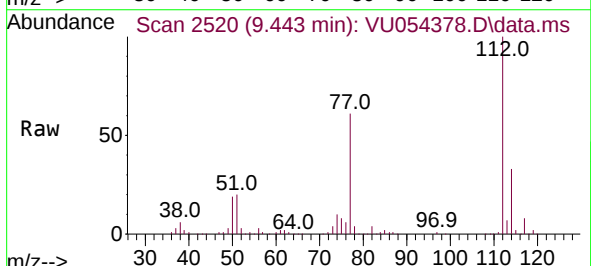
Tgt Ion:112 Resp: 234663

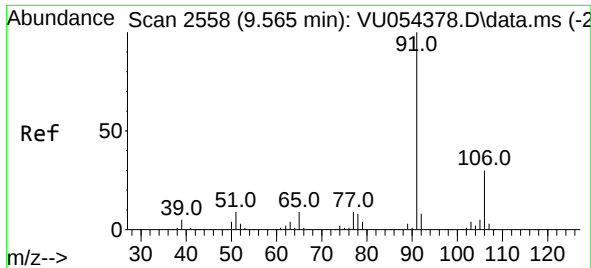
Ion Ratio Lower Upper

112 100

114 33.2 23.2 43.2

77 61.4 49.1 73.7

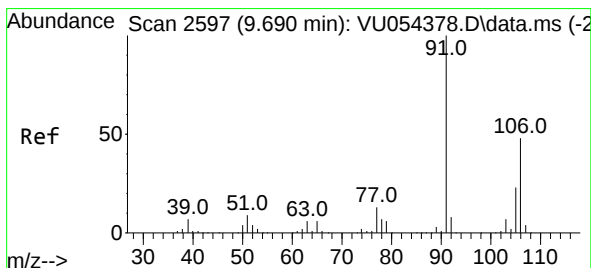
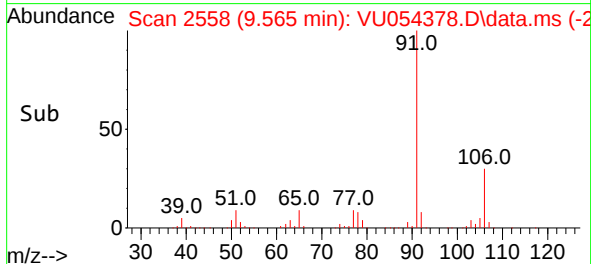
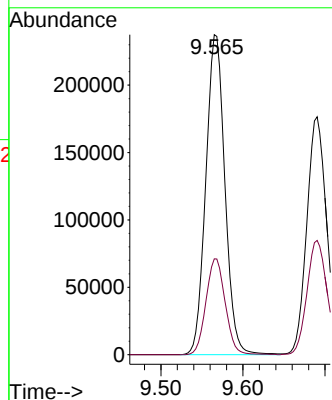
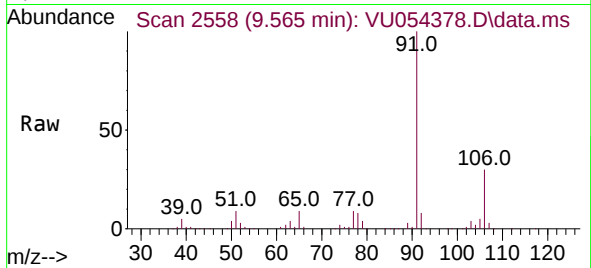




#52
Ethylbenzene
Concen: 38.669 ug/L
RT: 9.565 min Scan# 2558
Delta R.T. 0.000 min
Lab File: VU054378.D
Acq: 01 Jun 2023 17:06

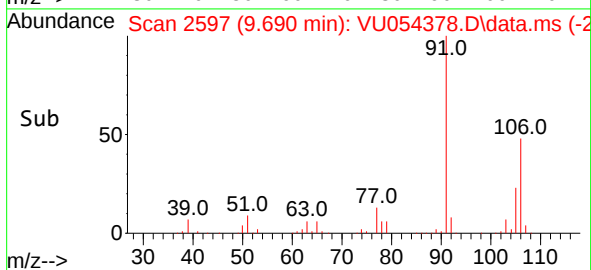
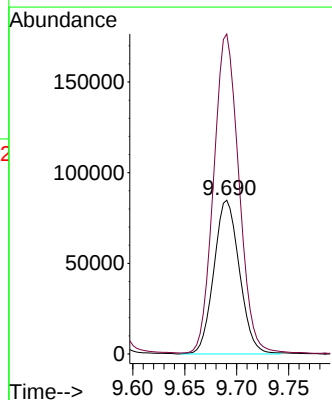
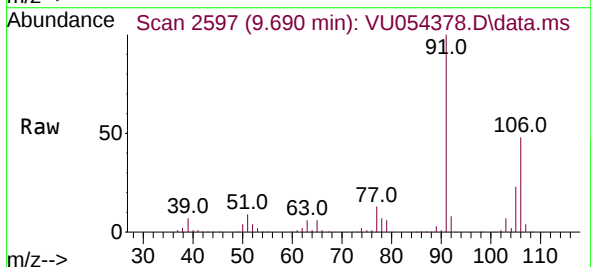
Instrument :
MSVOA_U
ClientSampleId :
VSTD050025

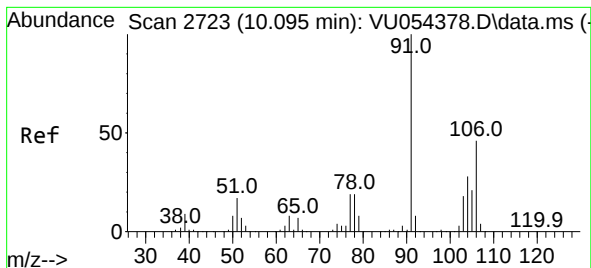
Tgt Ion: 91 Resp: 384925
Ion Ratio Lower Upper
91 100
106 29.9 20.9 38.9



#53
m,p-Xylene
Concen: 38.856 ug/L
RT: 9.690 min Scan# 2597
Delta R.T. 0.000 min
Lab File: VU054378.D
Acq: 01 Jun 2023 17:06

Tgt Ion: 106 Resp: 145123
Ion Ratio Lower Upper
106 100
91 208.1 145.7 270.5





#54

o-Xylene

Concen: 39.109 ug/L

RT: 10.095 min Scan# 2723

Delta R.T. 0.000 min

Lab File: VU054378.D

Acq: 01 Jun 2023 17:06

Instrument :

MSVOA_U

ClientSampleId :

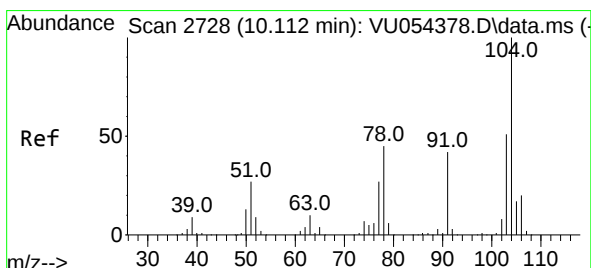
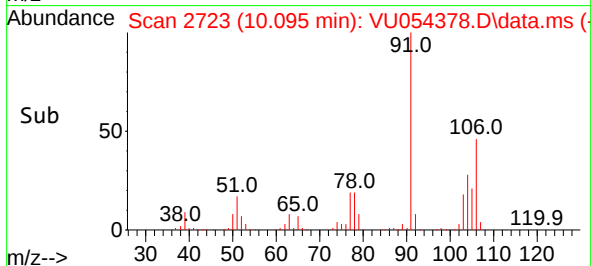
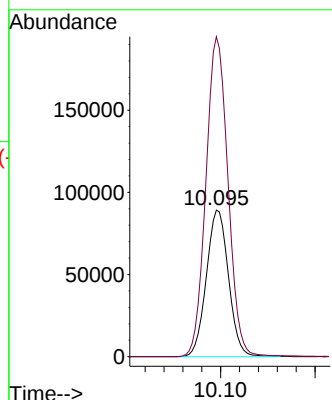
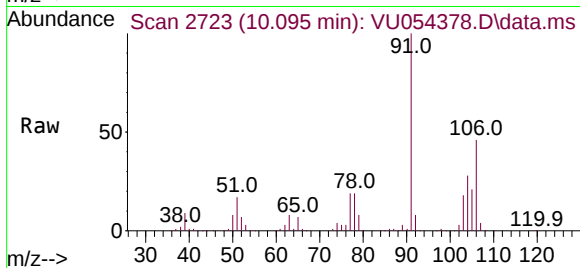
VSTD050025

Tgt Ion:106 Resp: 145098

Ion Ratio Lower Upper

106 100

91 218.3 152.8 283.8



#55

Styrene

Concen: 39.487 ug/L

RT: 10.112 min Scan# 2728

Delta R.T. 0.000 min

Lab File: VU054378.D

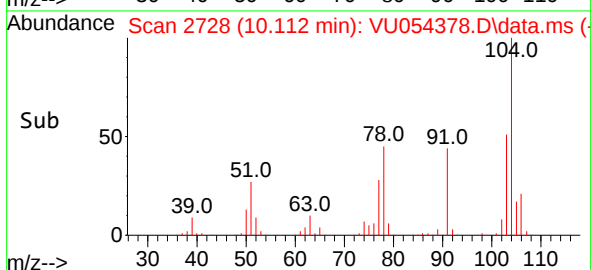
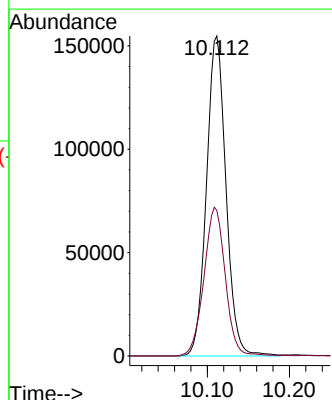
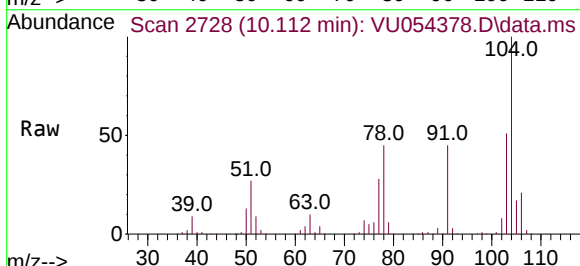
Acq: 01 Jun 2023 17:06

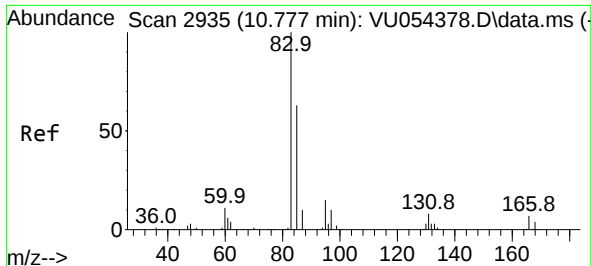
Tgt Ion:104 Resp: 255902

Ion Ratio Lower Upper

104 100

78 45.5 31.9 59.2

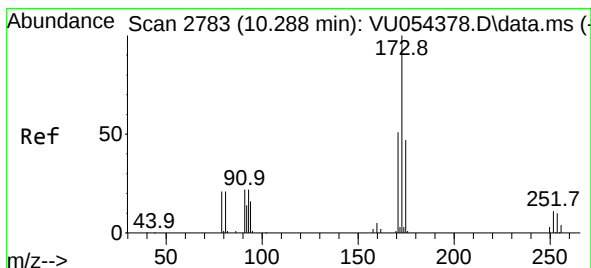
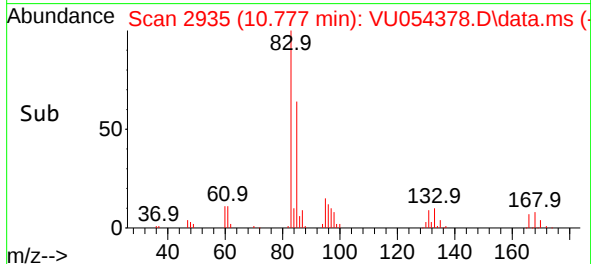
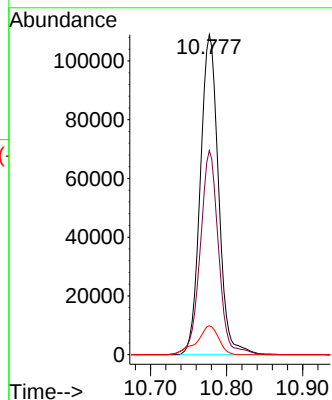
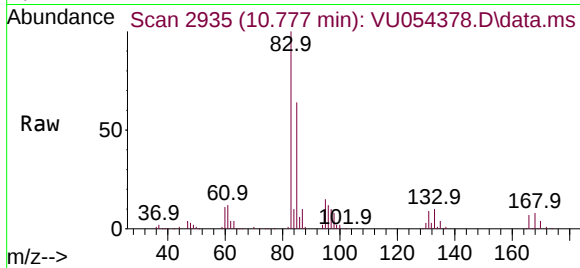




#57
1,1,2,2-Tetrachloroethane
Concen: 39.131 ug/L
RT: 10.777 min Scan# 2935
Delta R.T. 0.000 min
Lab File: VU054378.D
Acq: 01 Jun 2023 17:06

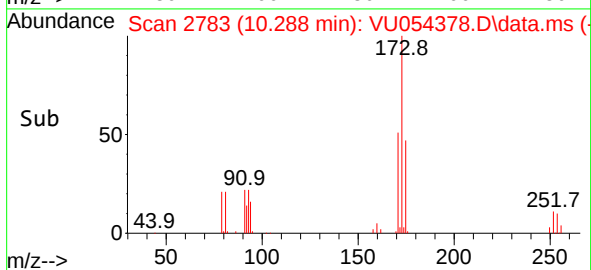
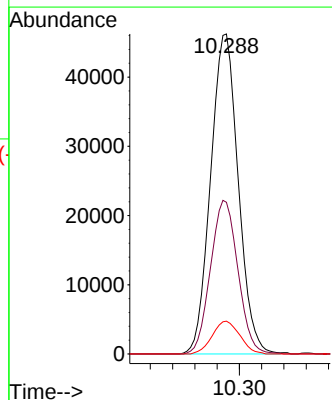
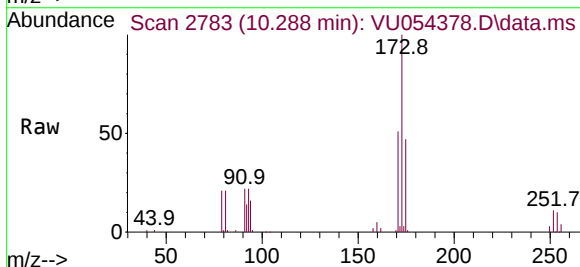
Instrument :
MSVOA_U
ClientSampleId :
VSTD050025

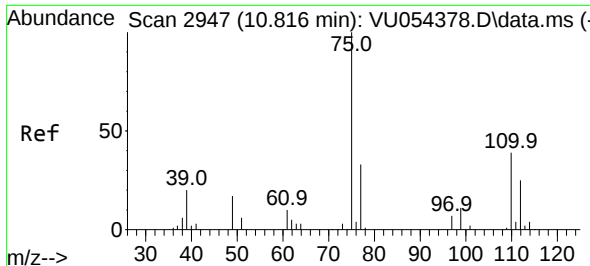
Tgt Ion: 83 Resp: 180825
Ion Ratio Lower Upper
83 100
85 63.8 44.7 82.9
131 9.0 7.2 10.8



#59
Bromoform
Concen: 38.733 ug/L
RT: 10.288 min Scan# 2783
Delta R.T. 0.000 min
Lab File: VU054378.D
Acq: 01 Jun 2023 17:06

Tgt Ion:173 Resp: 79646
Ion Ratio Lower Upper
173 100
175 47.6 38.1 57.1
254 10.2 8.2 12.2

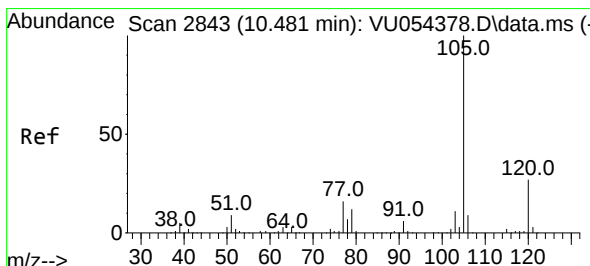
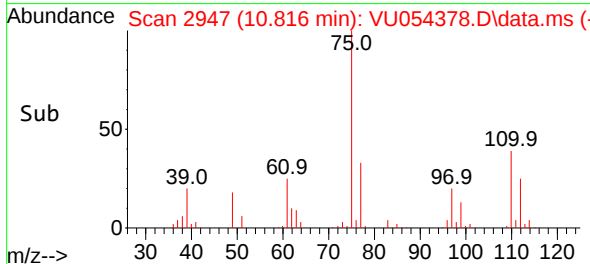
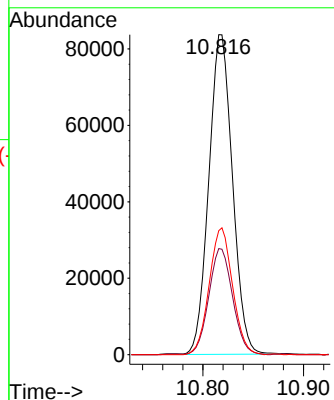
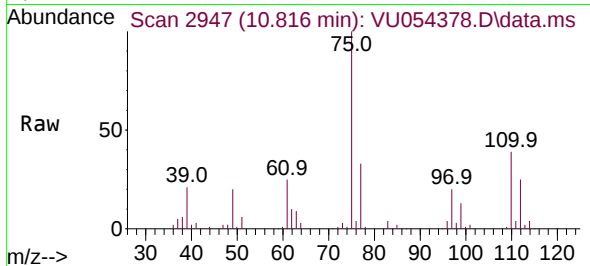




#60
1,2,3-Trichloropropane
Concen: 38.941 ug/L
RT: 10.816 min Scan# 2947
Delta R.T. 0.000 min
Lab File: VU054378.D
Acq: 01 Jun 2023 17:06

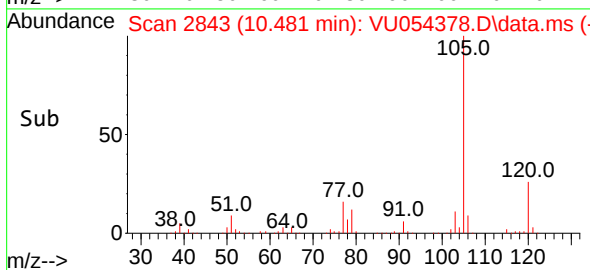
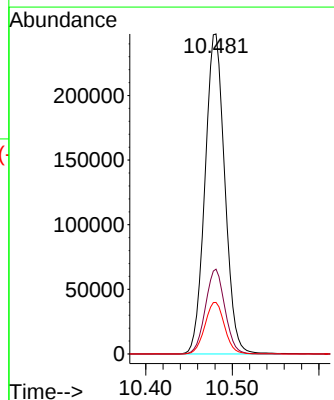
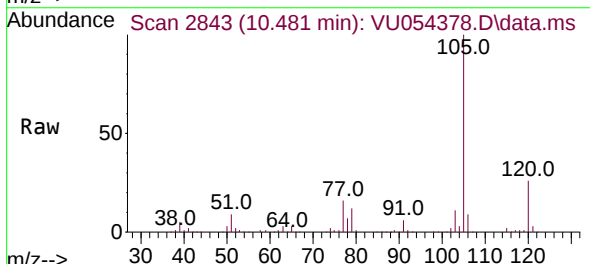
Instrument :
MSVOA_U
ClientSampleId :
VSTD050025

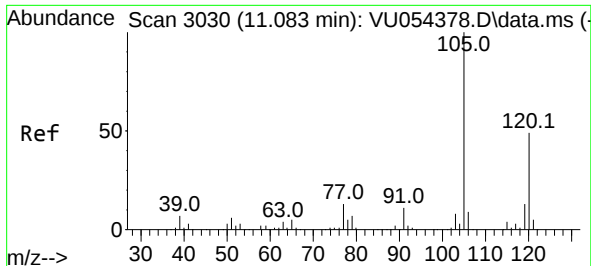
Tgt Ion: 75 Resp: 136788
Ion Ratio Lower Upper
75 100
77 33.5 26.8 40.2
110 39.2 31.4 47.0



#61
Isopropylbenzene
Concen: 39.910 ug/L
RT: 10.481 min Scan# 2843
Delta R.T. 0.000 min
Lab File: VU054378.D
Acq: 01 Jun 2023 17:06

Tgt Ion: 105 Resp: 393168
Ion Ratio Lower Upper
105 100
120 26.1 20.9 31.3
77 16.0 12.8 19.2





#62

1,3,5-Trimethylbenzene

Concen: 39.895 ug/L

RT: 11.083 min Scan# 3030

Delta R.T. 0.000 min

Lab File: VU054378.D

Acq: 01 Jun 2023 17:06

Instrument :

MSVOA_U

ClientSampleId :

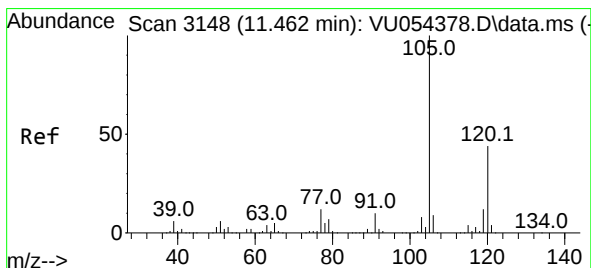
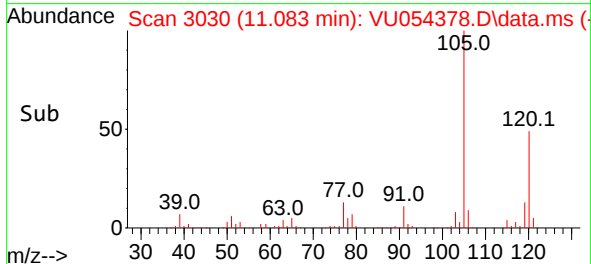
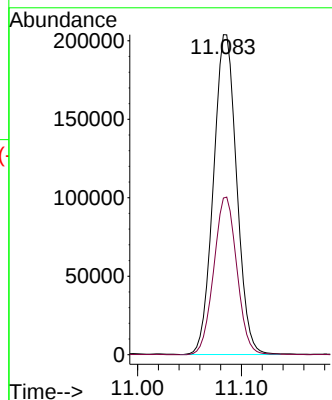
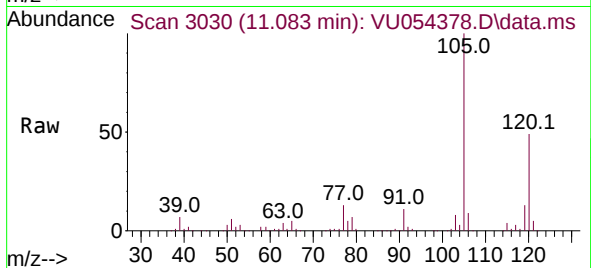
VSTD050025

Tgt Ion:105 Resp: 316138

Ion Ratio Lower Upper

105 100

120 49.2 39.4 59.0



#63

1,2,4-Trimethylbenzene

Concen: 40.401 ug/L

RT: 11.462 min Scan# 3148

Delta R.T. 0.000 min

Lab File: VU054378.D

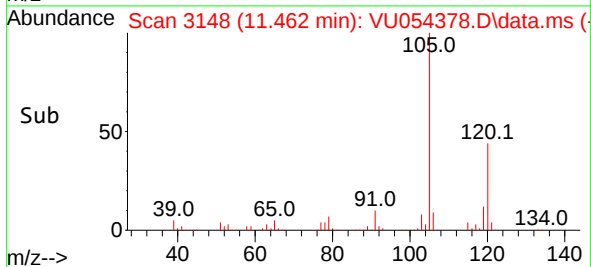
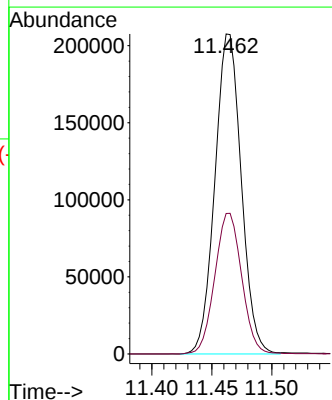
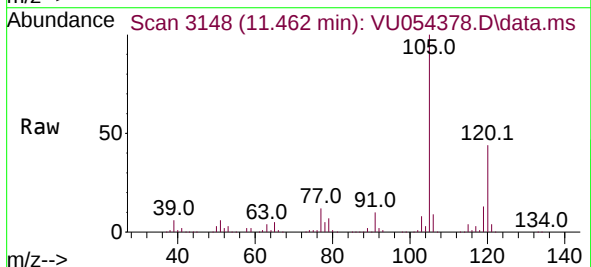
Acq: 01 Jun 2023 17:06

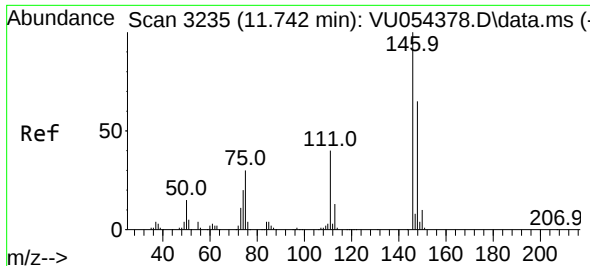
Tgt Ion:105 Resp: 316994

Ion Ratio Lower Upper

105 100

120 44.9 35.9 53.9

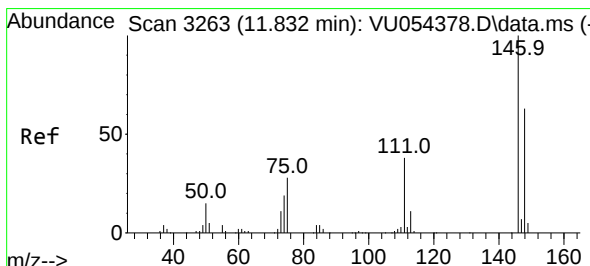
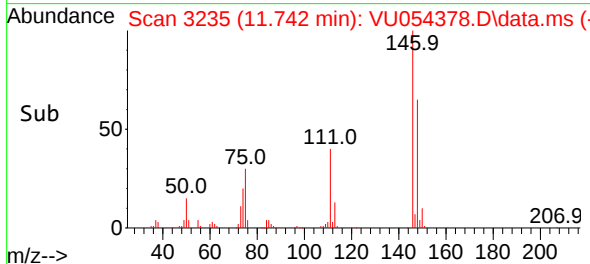
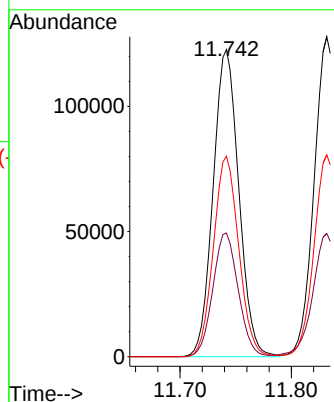
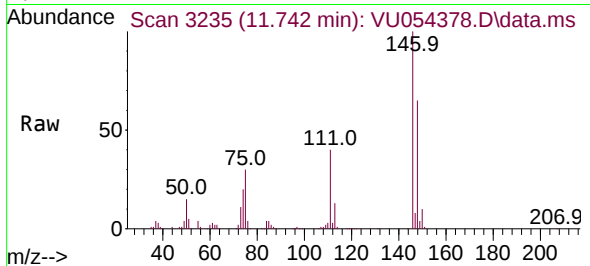




#64
1,3-Dichlorobenzene
Concen: 38.983 ug/L
RT: 11.742 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU054378.D
Acq: 01 Jun 2023 17:06

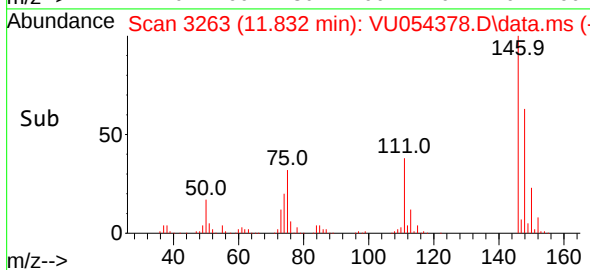
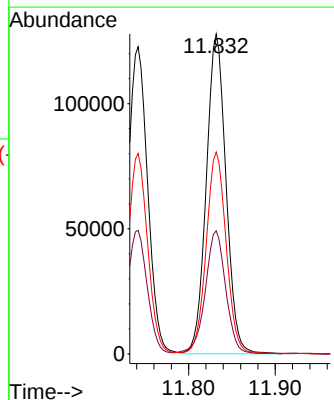
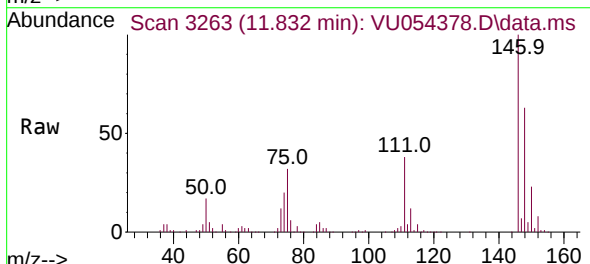
Instrument :
MSVOA_U
ClientSampleId :
VSTD050025

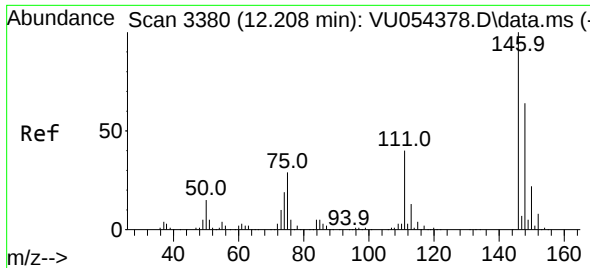
Tgt Ion:146 Resp: 196666
Ion Ratio Lower Upper
146 100
111 40.3 28.2 52.4
148 65.3 45.7 84.9



#65
1,4-Dichlorobenzene
Concen: 37.820 ug/L
RT: 11.832 min Scan# 3263
Delta R.T. 0.000 min
Lab File: VU054378.D
Acq: 01 Jun 2023 17:06

Tgt Ion:146 Resp: 202089
Ion Ratio Lower Upper
146 100
111 38.5 26.9 50.1
148 63.1 44.2 82.0





#67

1,2-Dichlorobenzene

Concen: 38.640 ug/L

RT: 12.208 min Scan# 3380

Delta R.T. 0.000 min

Lab File: VU054378.D

Acq: 01 Jun 2023 17:06

Instrument :

MSVOA_U

ClientSampleId :

VSTD050025

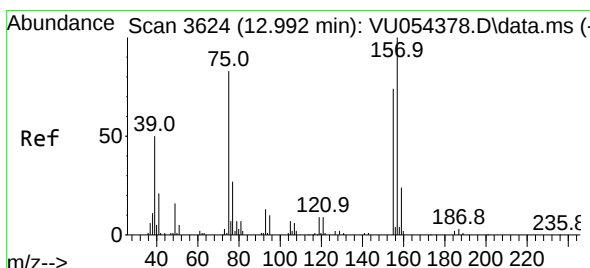
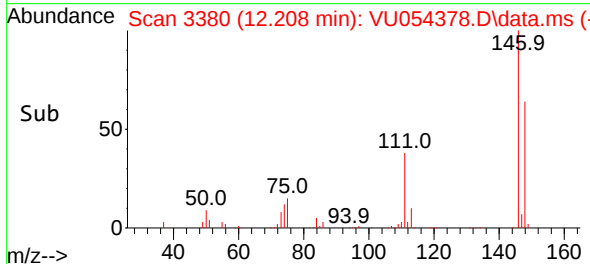
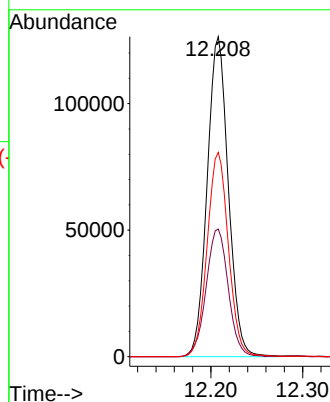
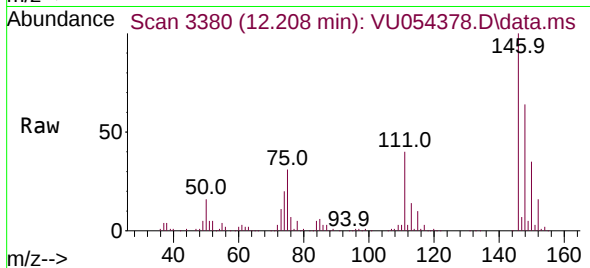
Tgt Ion:146 Resp: 202435

Ion Ratio Lower Upper

146 100

111 39.9 31.9 47.9

148 63.8 51.0 76.6



#68

1,2-Dibromo-3-chloropropane

Concen: 38.155 ug/L

RT: 12.992 min Scan# 3624

Delta R.T. 0.000 min

Lab File: VU054378.D

Acq: 01 Jun 2023 17:06

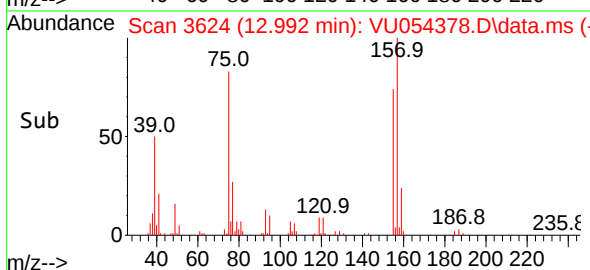
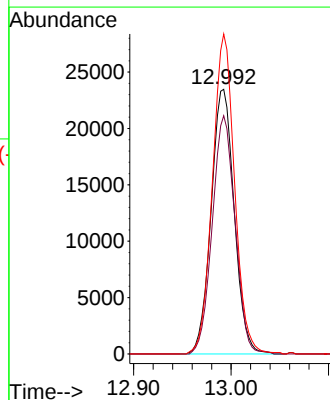
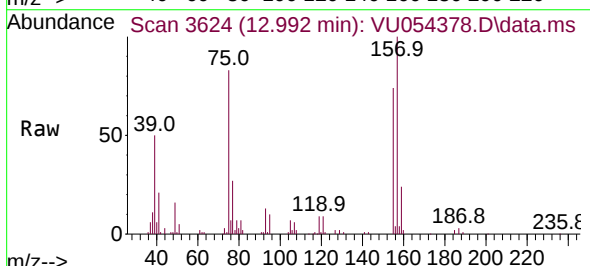
Tgt Ion: 75 Resp: 38595

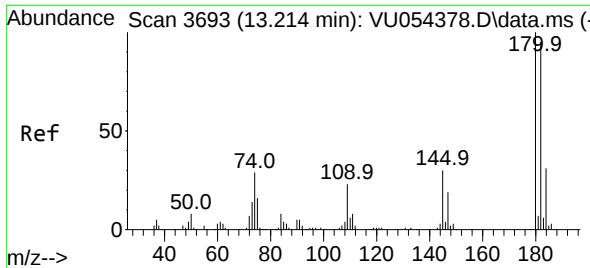
Ion Ratio Lower Upper

75 100

155 90.0 72.0 108.0

157 120.9 96.7 145.1

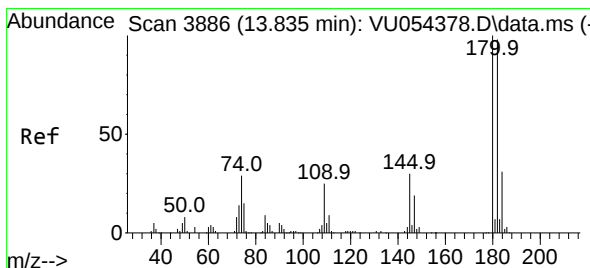
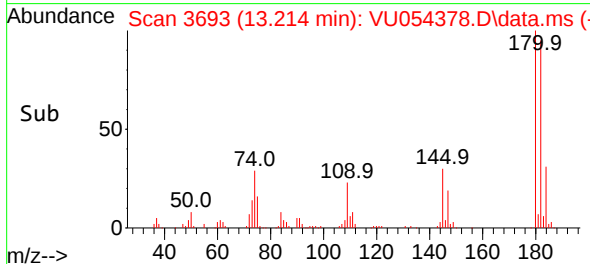
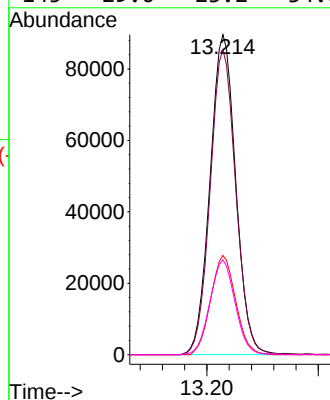
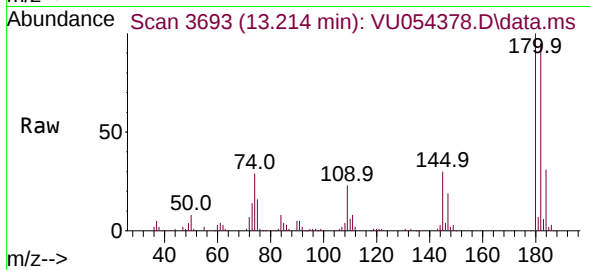




#69
1,3,5-Trichlorobenzene
Concen: 38.132 ug/L
RT: 13.214 min Scan# 3693
Delta R.T. 0.000 min
Lab File: VU054378.D
Acq: 01 Jun 2023 17:06

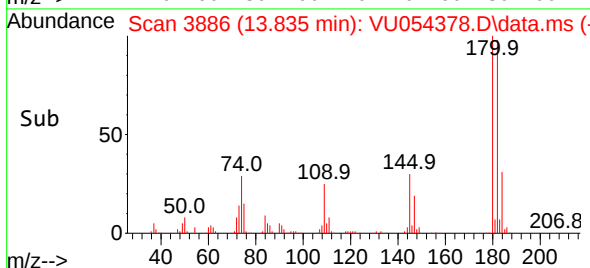
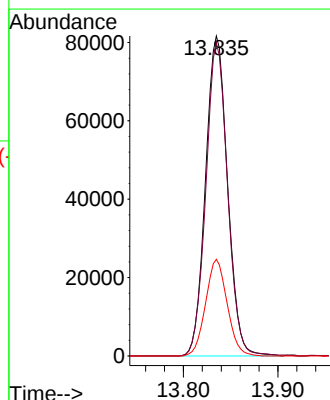
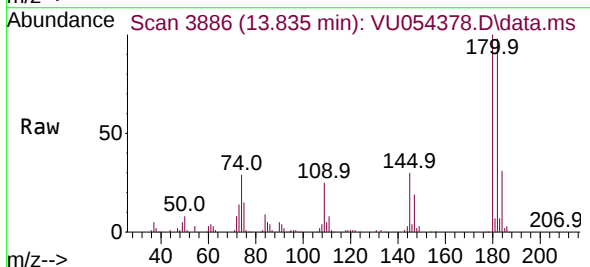
Instrument :
MSVOA_U
ClientSampleId :
VSTD050025

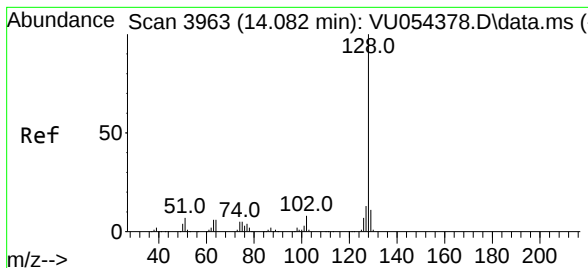
Tgt Ion:180 Resp: 143423
Ion Ratio Lower Upper
180 100
182 94.7 75.8 113.6
184 30.2 24.2 36.2
145 29.0 23.2 34.8



#70
1,2,4-trichlorobenzene
Concen: 37.387 ug/L
RT: 13.835 min Scan# 3886
Delta R.T. 0.000 min
Lab File: VU054378.D
Acq: 01 Jun 2023 17:06

Tgt Ion:180 Resp: 132232
Ion Ratio Lower Upper
180 100
182 96.3 77.0 115.6
145 29.6 23.7 35.5





#71

Naphthalene

Concen: 38.239 ug/L

RT: 14.082 min Scan# 3963

Delta R.T. 0.000 min

Lab File: VU054378.D

Acq: 01 Jun 2023 17:06

Instrument :

MSVOA_U

ClientSampleId :

VSTD050025

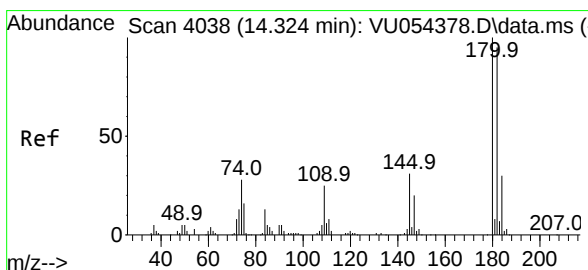
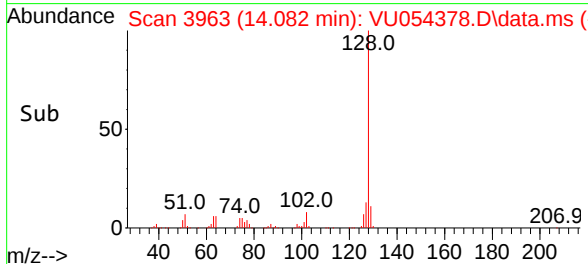
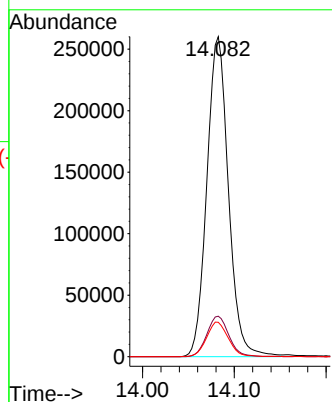
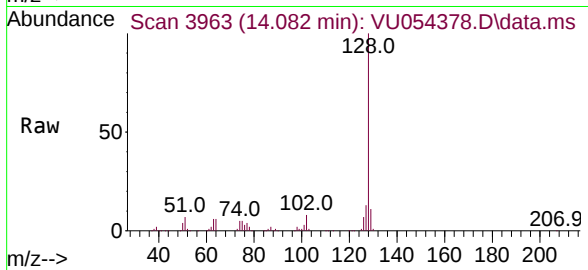
Tgt Ion:128 Resp: 424763

Ion Ratio Lower Upper

128 100

127 12.9 10.3 15.5

129 11.0 8.8 13.2



#72

1,2,3-Trichlorobenzene

Concen: 38.253 ug/L

RT: 14.324 min Scan# 4038

Delta R.T. 0.000 min

Lab File: VU054378.D

Acq: 01 Jun 2023 17:06

Tgt Ion:180 Resp: 137708

Ion Ratio Lower Upper

180 100

182 95.0 76.0 114.0

145 31.6 25.3 37.9

