

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU060123\
 Data File : VU054381.D
 Acq On : 01 Jun 2023 19:06
 Operator : JC/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VICV028

Quant Time: Jun 02 01:47:37 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM060123WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jun 02 01:40:39 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.244	114	353601	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	349647	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	193698	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	135020	49.139	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	98.280%
7) Chloroethane-d5	1.903	69	101757	54.350	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	108.700%
11) 1,1-Dichloroethene-d2	2.559	65	54678	49.002	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	98.000%
21) 2-Butanone-d5	4.620	46	222941	101.251	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	101.250%
24) Chloroform-d	5.057	84	238866	50.316	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.640%
26) 1,2-Dichloroethane-d4	5.697	65	147041	50.059	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.120%
32) Benzene-d6	5.720	84	473532	50.536	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.080%
36) 1,2-Dichloropropane-d6	6.684	67	156634	49.876	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.760%
41) Toluene-d8	7.893	98	426186	50.272	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.540%
43) trans-1,3-Dichloroprop...	8.176	79	74426	50.418	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	100.840%
47) 2-Hexanone-d5	8.629	63	151423	105.168	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	105.170%
56) 1,1,2,2-Tetrachloroeth...	10.751	84	233729	49.756	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.520%
66) 1,2-Dichlorobenzene-d4	12.189	152	172043	50.607	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.220%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.382	85	74606	55.579	ug/L	100
3) Chloromethane	1.517	50	90407	54.697	ug/L	99
5) Vinyl chloride	1.601	62	100643	55.561	ug/L	99
6) Bromomethane	1.851	94	45248	49.207	ug/L	99
8) Chloroethane	1.925	64	66374	64.079	ug/L	100
9) Trichlorofluoromethane	2.131	101	146778	55.262	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	96034	54.972	ug/L	99
12) 1,1-Dichloroethene	2.575	96	81342	55.642	ug/L	86
13) Acetone	2.630	43	129063	85.633	ug/L	99
14) Carbon disulfide	2.787	76	148574	55.146	ug/L	98
15) Methyl Acetate	2.945	43	137949	55.514	ug/L	99
16) Methylene chloride	3.041	84	110669	50.854	ug/L	97
17) trans-1,2-Dichloroethene	3.347	96	83169	56.619	ug/L	98
18) Methyl tert-butyl Ether	3.359	73	341315	56.572	ug/L	99
19) 1,1-Dichloroethane	3.864	63	190917	55.754	ug/L	99
20) cis-1,2-Dichloroethene	4.658	96	110013	56.247	ug/L	98
22) 2-Butanone	4.700	43	203013	109.257	ug/L	100
23) Bromochloromethane	4.970	128	57458	56.849	ug/L	99
25) Chloroform	5.083	83	205897	56.408	ug/L	98

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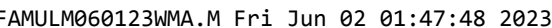
Instrument :
 MSVOA_U
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 VICV028

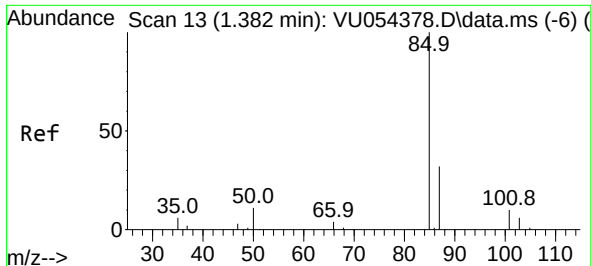
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.787	62	147301	55.322	ug/L	100
29) Cyclohexane	5.382	56	124673	55.522	ug/L	100
30) 1,1,1-Trichloroethane	5.311	97	166196	56.489	ug/L	99
31) Carbon tetrachloride	5.520	117	134491	55.342	ug/L	98
33) Benzene	5.768	78	401251	56.821	ug/L	100
34) Trichloroethene	6.536	95	104940	55.908	ug/L	96
35) Methylcyclohexane	6.758	83	124623	53.834	ug/L	96
37) 1,2-Dichloropropane	6.787	63	118145	56.594	ug/L	99
38) Bromodichloromethane	7.099	83	151672	55.073	ug/L	98
39) cis-1,3-Dichloropropene	7.604	75	183497	56.898	ug/L	99
40) 4-Methyl-2-pentanone	7.787	43	378120	113.585	ug/L	100
42) Toluene	7.964	91	425830	57.179	ug/L	98
44) trans-1,3-Dichloropropene	8.205	75	176009	56.028	ug/L	99
45) 1,1,2-Trichloroethane	8.395	97	125070	56.625	ug/L	99
46) Tetrachloroethene	8.549	164	75706	54.762	ug/L	98
48) 2-Hexanone	8.681	43	306813	114.872	ug/L	99
49) Dibromochloromethane	8.803	129	118826	55.981	ug/L	99
50) 1,2-Dibromoethane	8.919	107	127087	56.083	ug/L	97
51) Chlorobenzene	9.443	112	285501	54.661	ug/L	98
52) Ethylbenzene	9.565	91	473297	56.233	ug/L	98
53) m,p-Xylene	9.690	106	175985	55.728	ug/L	98
54) o-Xylene	10.096	106	176697	56.327	ug/L	97
55) Styrene	10.108	104	319079	58.230	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.777	83	220623	56.466	ug/L	99
59) Bromoform	10.285	173	99070	57.365	ug/L	98
60) 1,2,3-Trichloropropane	10.816	75	168404	57.081	ug/L	99
61) Isopropylbenzene	10.478	105	482225	58.281	ug/L	100
62) 1,3,5-Trimethylbenzene	11.083	105	392872	59.030	ug/L	99
63) 1,2,4-Trimethylbenzene	11.462	105	390840	59.309	ug/L	99
64) 1,3-Dichlorobenzene	11.742	146	240446	56.748	ug/L	99
65) 1,4-Dichlorobenzene	11.832	146	246541	54.935	ug/L	100
67) 1,2-Dichlorobenzene	12.208	146	249340	56.666	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.993	75	48324	56.880	ug/L	96
69) 1,3,5-Trichlorobenzene	13.214	180	174042	55.094	ug/L	99
70) 1,2,4-trichlorobenzene	13.835	180	159468	53.684	ug/L	100
71) Naphthalene	14.083	128	555314	59.523	ug/L	99
72) 1,2,3-Trichlorobenzene	14.324	180	169479	56.054	ug/L	99

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

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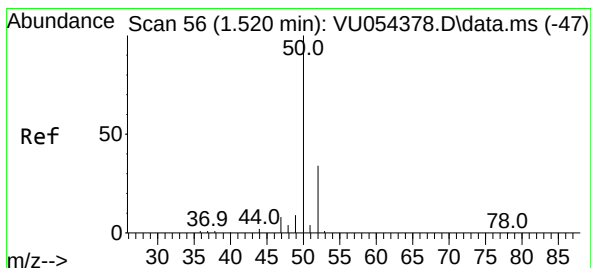
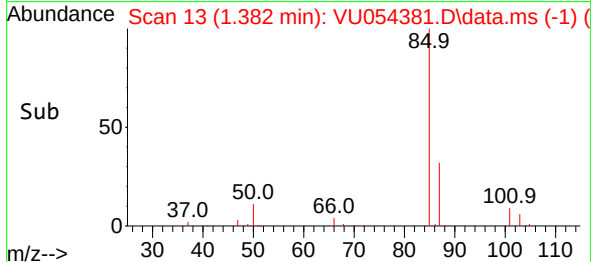
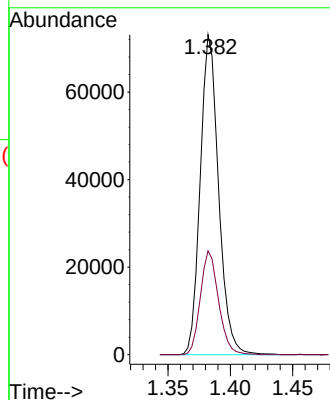
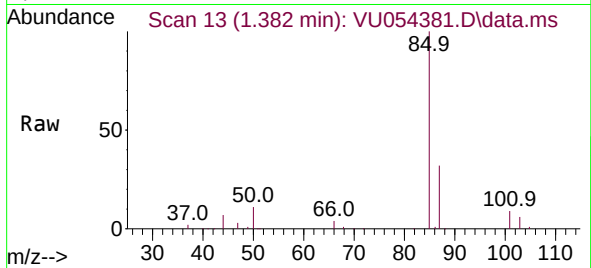




#2
 Dichlorodifluoromethane
 Concen: 55.579 ug/L
 RT: 1.382 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VU054381.D
 Acq: 01 Jun 2023 19:06

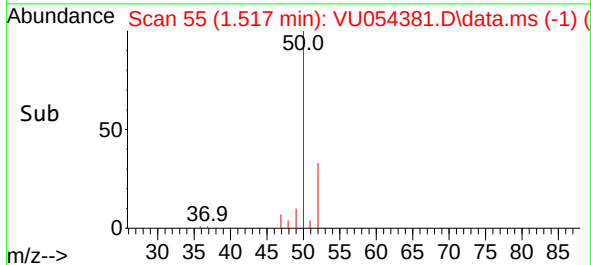
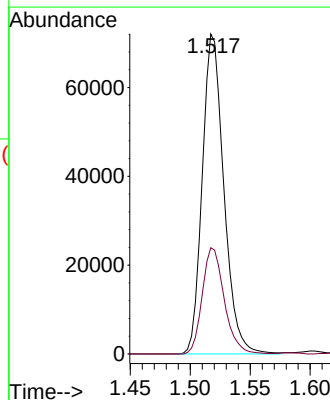
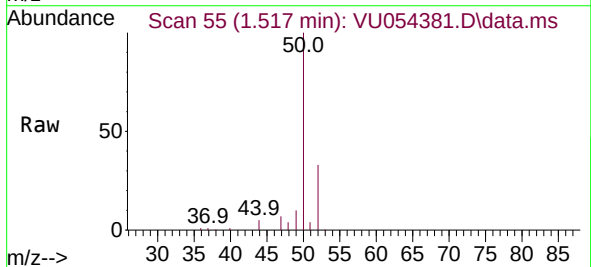
Instrument :
 MSVOA_U
 ClientSampleId :
 VICV028

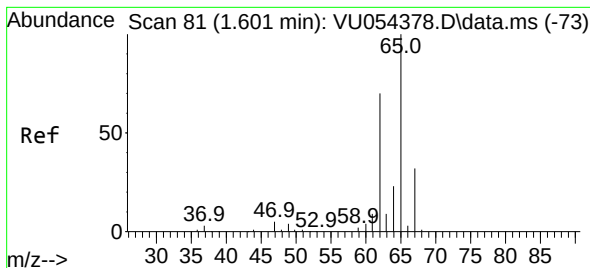
Tgt Ion: 85 Resp: 74606
 Ion Ratio Lower Upper
 85 100
 87 32.1 25.5 38.3



#3
 Chloromethane
 Concen: 54.697 ug/L
 RT: 1.517 min Scan# 55
 Delta R.T. -0.003 min
 Lab File: VU054381.D
 Acq: 01 Jun 2023 19:06

Tgt Ion: 50 Resp: 90407
 Ion Ratio Lower Upper
 50 100
 52 33.2 23.4 43.6





#5

Vinyl chloride

Concen: 55.561 ug/L

RT: 1.601 min Scan# 81

Delta R.T. 0.000 min

Lab File: VU054381.D

Acq: 01 Jun 2023 19:06

Instrument :

MSVOA_U

ClientSampleId :

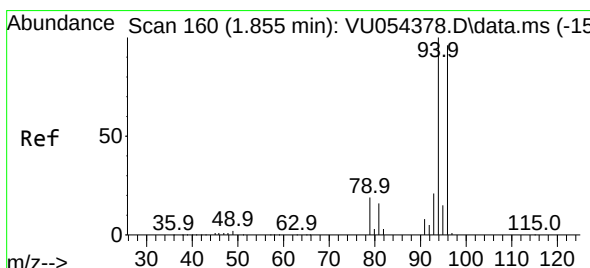
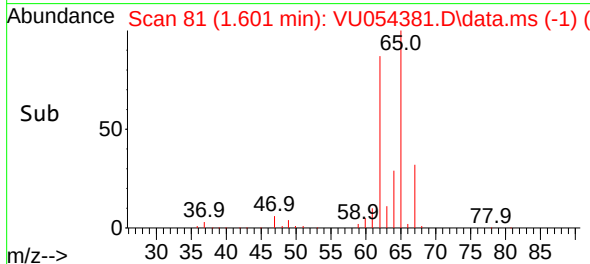
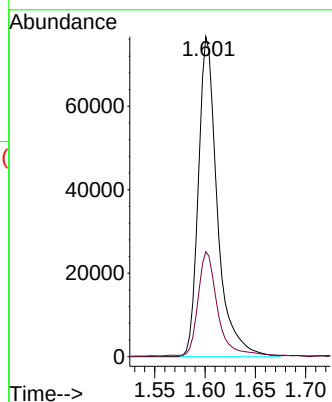
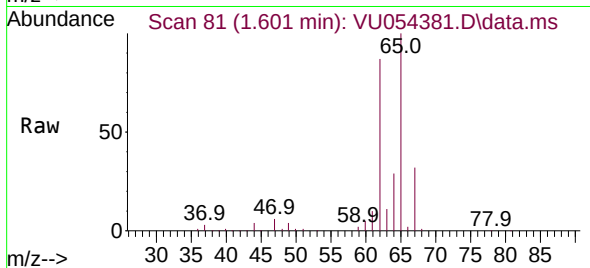
VICV028

Tgt Ion: 62 Resp: 100643

Ion Ratio Lower Upper

62 100

64 32.8 23.4 43.4



#6

Bromomethane

Concen: 49.207 ug/L

RT: 1.851 min Scan# 159

Delta R.T. -0.003 min

Lab File: VU054381.D

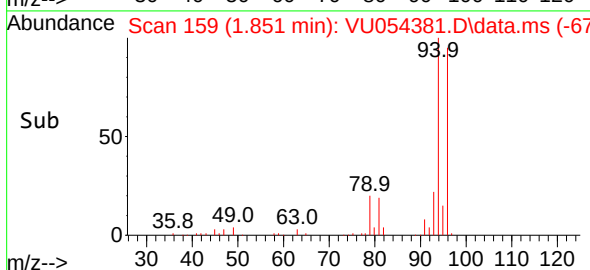
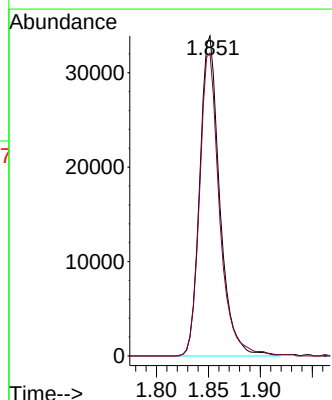
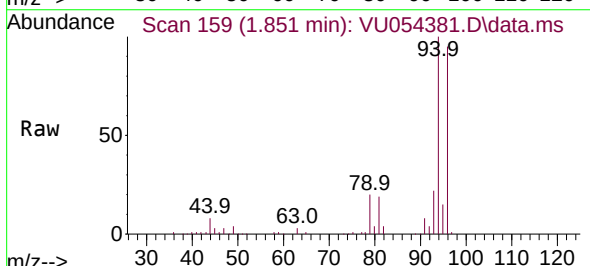
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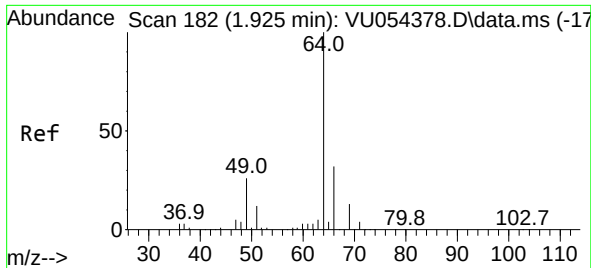
Tgt Ion: 94 Resp: 45248

Ion Ratio Lower Upper

94 100

96 94.7 67.1 124.7

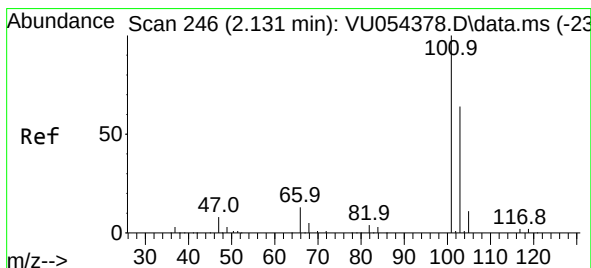
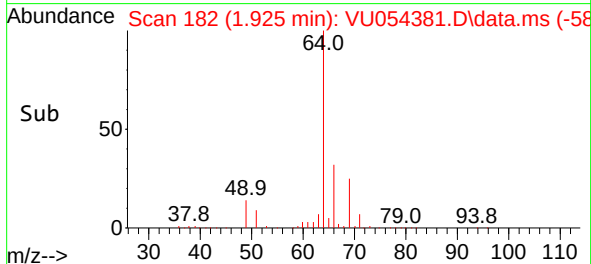
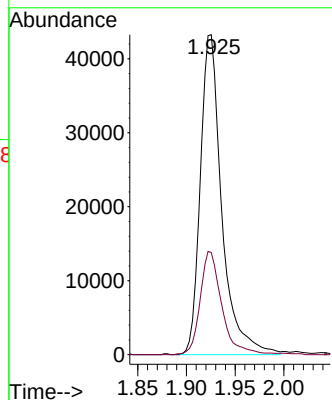
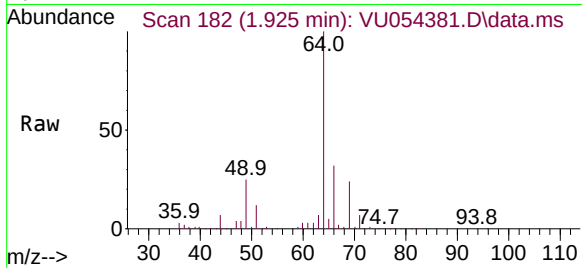




#8
Chloroethane
Concen: 64.079 ug/L
RT: 1.925 min Scan# 182
Delta R.T. 0.000 min
Lab File: VU054381.D
Acq: 01 Jun 2023 19:06

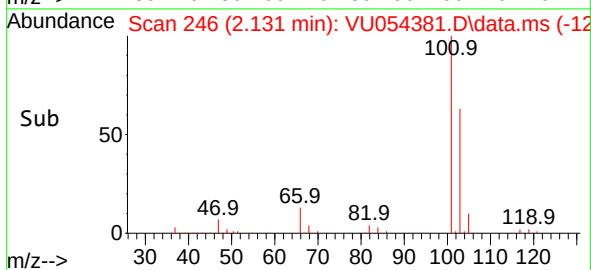
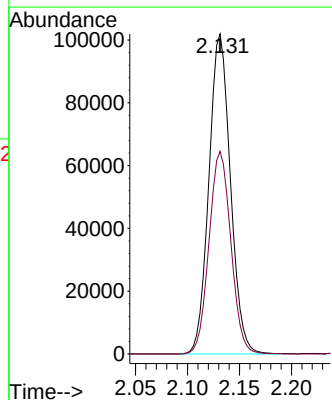
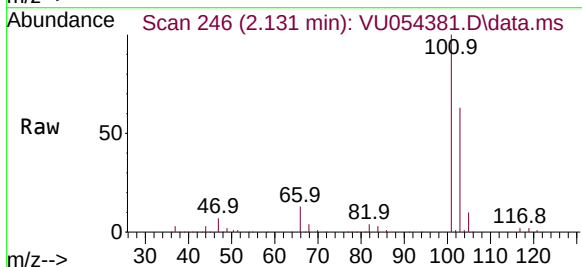
Instrument :
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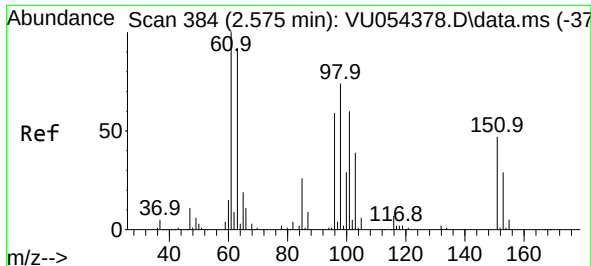
Tgt Ion: 64 Resp: 66374
Ion Ratio Lower Upper
64 100
66 32.0 22.5 41.7



#9
Trichlorofluoromethane
Concen: 55.262 ug/L
RT: 2.131 min Scan# 246
Delta R.T. 0.000 min
Lab File: VU054381.D
Acq: 01 Jun 2023 19:06

Tgt Ion: 101 Resp: 146778
Ion Ratio Lower Upper
101 100
103 64.1 52.0 78.0

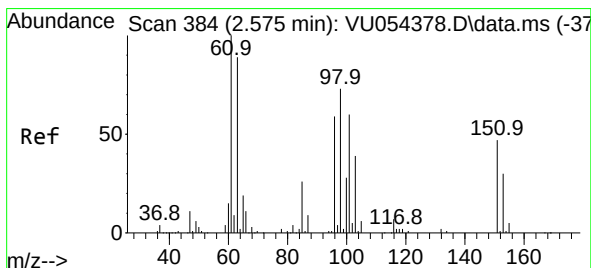
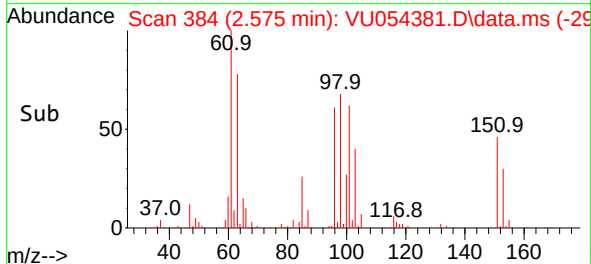
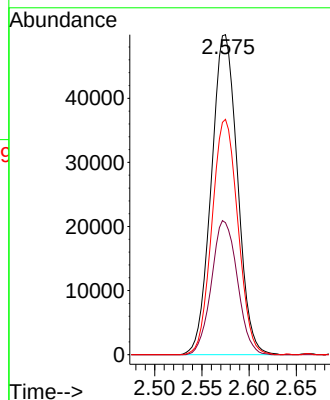
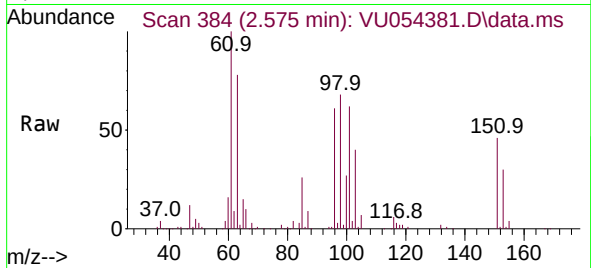




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 54.972 ug/L
 RT: 2.575 min Scan# 384
 Delta R.T. 0.000 min
 Lab File: VU054381.D
 Acq: 01 Jun 2023 19:06

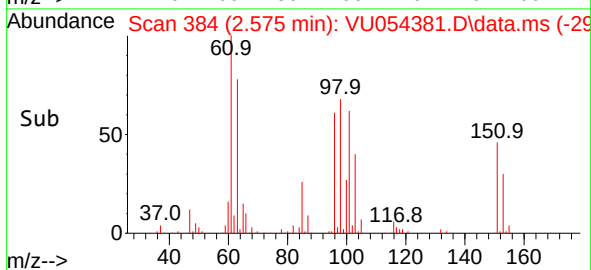
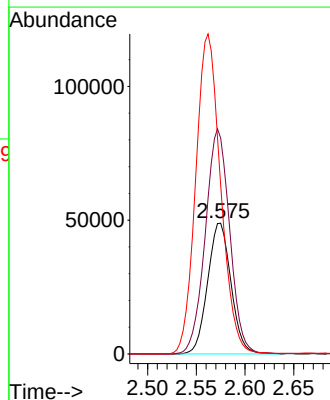
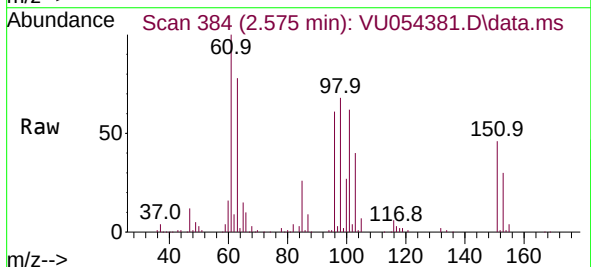
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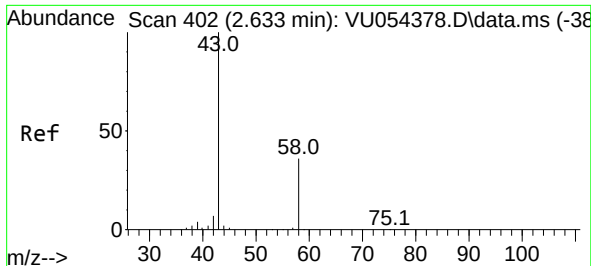
Tgt Ion:101 Resp: 96034
 Ion Ratio Lower Upper
 101 100
 85 41.4 34.0 51.0
 151 73.0 58.6 87.8



#12
 1,1-Dichloroethene
 Concen: 55.642 ug/L
 RT: 2.575 min Scan# 384
 Delta R.T. 0.000 min
 Lab File: VU054381.D
 Acq: 01 Jun 2023 19:06

Tgt Ion: 96 Resp: 81342
 Ion Ratio Lower Upper
 96 100
 61 165.1 120.0 222.8
 63 129.2 112.9 209.7





#13

Acetone

Concen: 85.633 ug/L

RT: 2.630 min Scan# 401

Delta R.T. -0.003 min

Lab File: VU054381.D

Acq: 01 Jun 2023 19:06

Instrument :

MSVOA_U

ClientSampleId :

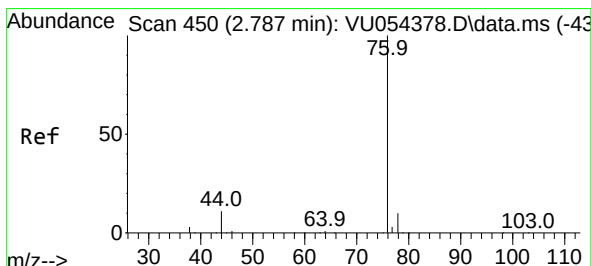
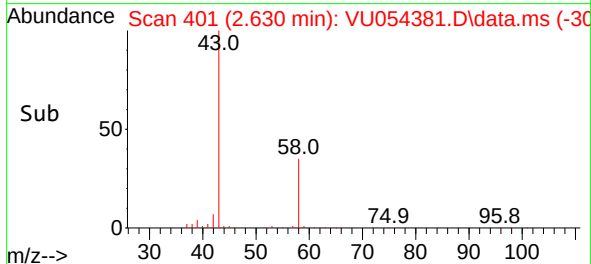
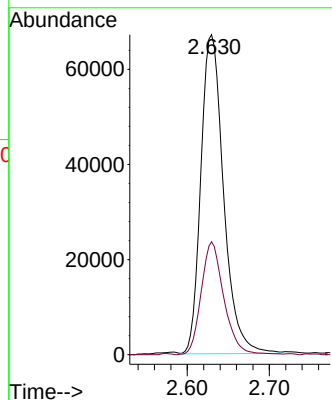
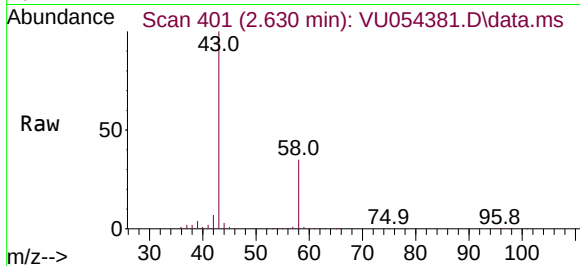
VICV028

Tgt Ion: 43 Resp: 129063

Ion Ratio Lower Upper

43 100

58 35.3 0.0 70.0



#14

Carbon disulfide

Concen: 55.146 ug/L

RT: 2.787 min Scan# 450

Delta R.T. 0.000 min

Lab File: VU054381.D

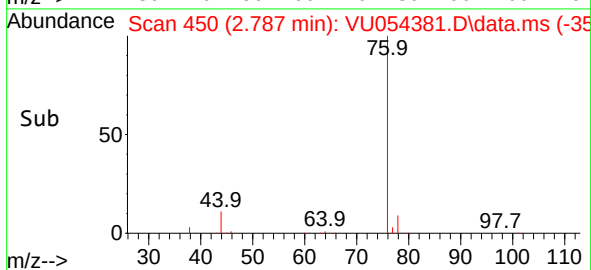
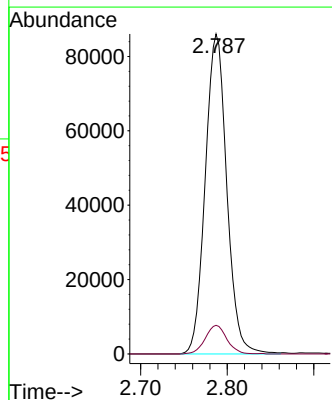
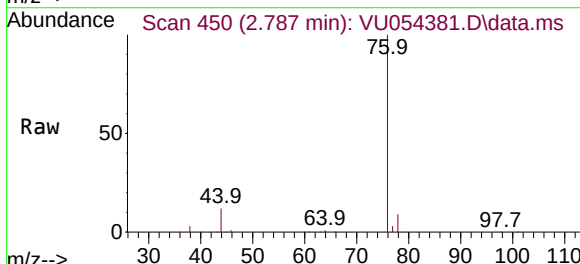
Acq: 01 Jun 2023 19:06

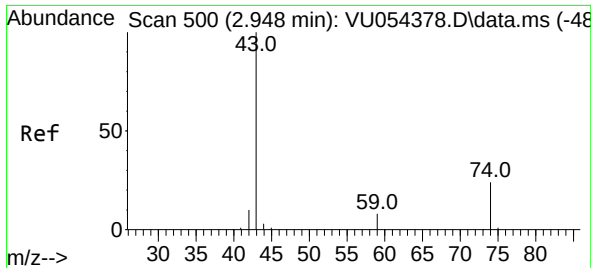
Tgt Ion: 76 Resp: 148574

Ion Ratio Lower Upper

76 100

78 8.9 7.6 11.4

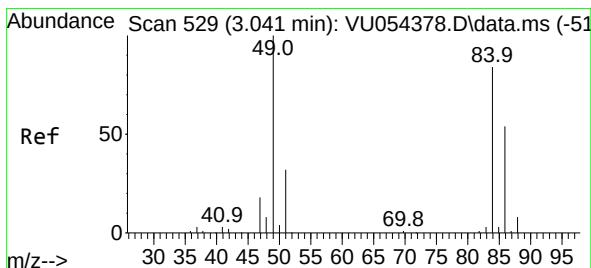
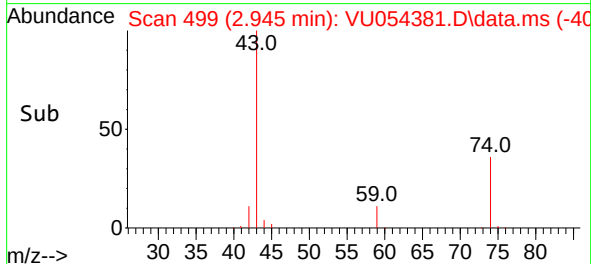
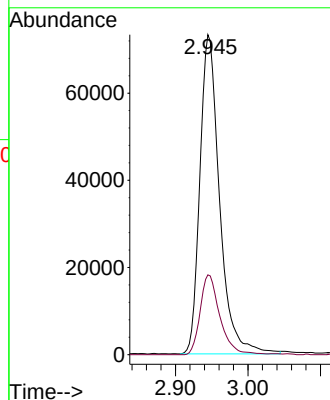
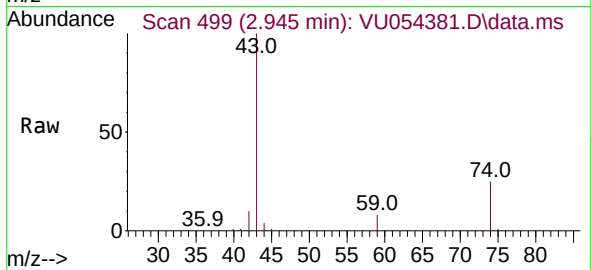




#15
Methyl Acetate
Concen: 55.514 ug/L
RT: 2.945 min Scan# 499
Delta R.T. -0.003 min
Lab File: VU054381.D
Acq: 01 Jun 2023 19:06

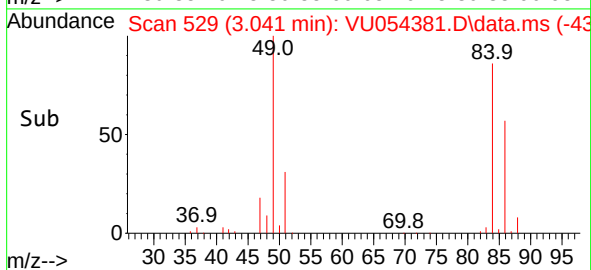
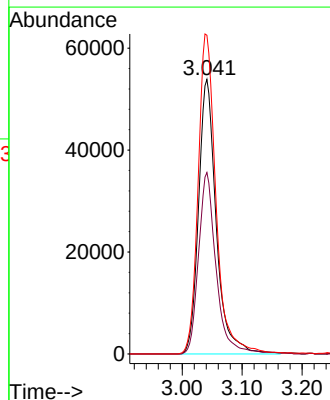
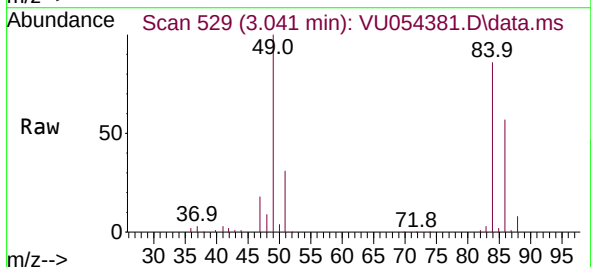
Instrument :
MSVOA_U
ClientSampleId :
VICV028

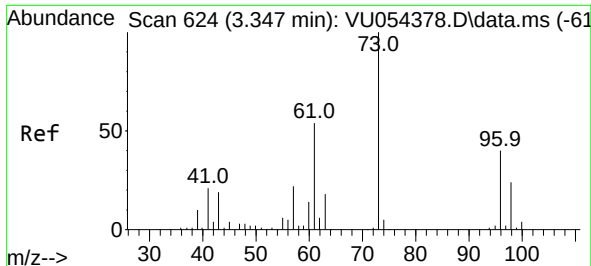
Tgt Ion: 43 Resp: 137949
Ion Ratio Lower Upper
43 100
74 25.0 19.8 29.6



#16
Methylene chloride
Concen: 50.854 ug/L
RT: 3.041 min Scan# 529
Delta R.T. 0.000 min
Lab File: VU054381.D
Acq: 01 Jun 2023 19:06

Tgt Ion: 84 Resp: 110669
Ion Ratio Lower Upper
84 100
86 66.1 44.8 83.2
49 116.1 83.3 154.7

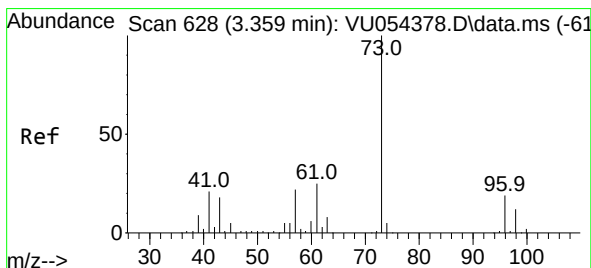
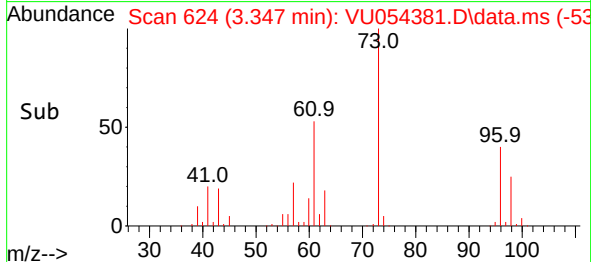
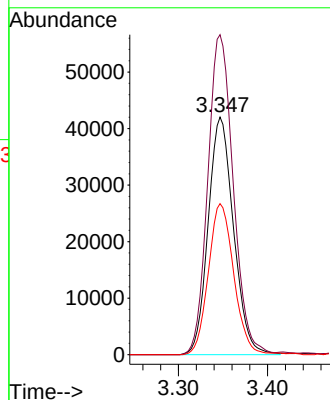
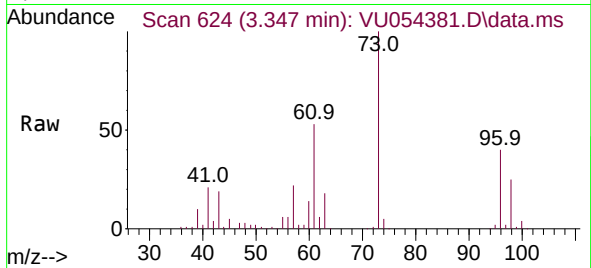




#17
trans-1,2-Dichloroethene
Concen: 56.619 ug/L
RT: 3.347 min Scan# 61
Delta R.T. 0.000 min
Lab File: VU054381.D
Acq: 01 Jun 2023 19:06

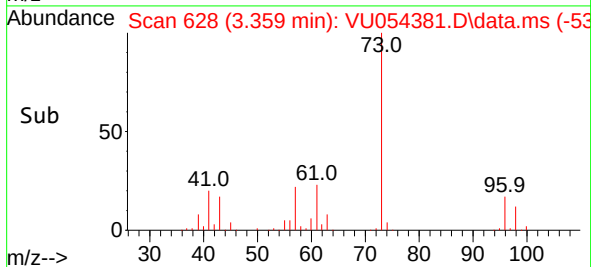
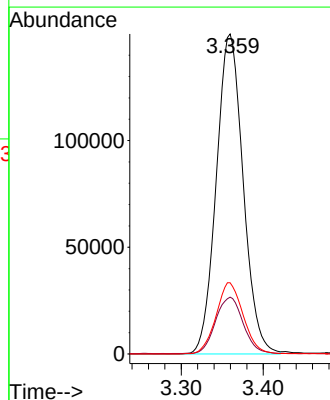
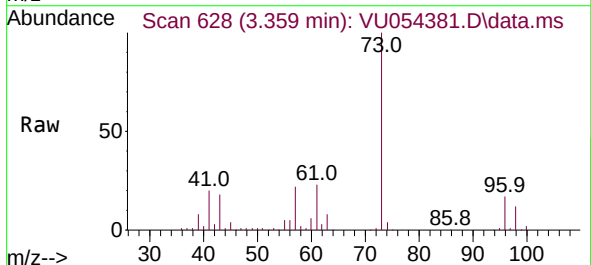
Instrument :
MSVOA_U
ClientSampleId :
VICV028

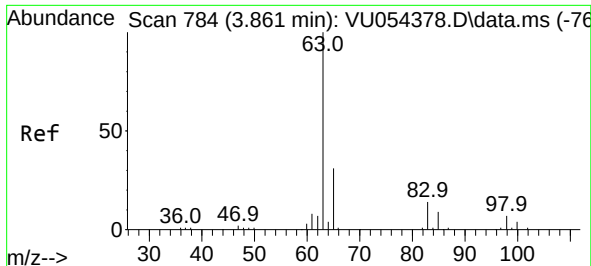
Tgt Ion: 96 Resp: 83169
Ion Ratio Lower Upper
96 100
61 134.6 95.3 177.1
98 63.5 42.6 79.0



#18
Methyl tert-butyl Ether
Concen: 56.572 ug/L
RT: 3.359 min Scan# 628
Delta R.T. 0.000 min
Lab File: VU054381.D
Acq: 01 Jun 2023 19:06

Tgt Ion: 73 Resp: 341315
Ion Ratio Lower Upper
73 100
43 18.0 15.1 22.7
57 22.5 18.0 27.0





#19

1,1-Dichloroethane

Concen: 55.754 ug/L

RT: 3.864 min Scan# 71

Delta R.T. 0.003 min

Lab File: VU054381.D

Acq: 01 Jun 2023 19:06

Instrument :

MSVOA_U

ClientSampleId :

VICV028

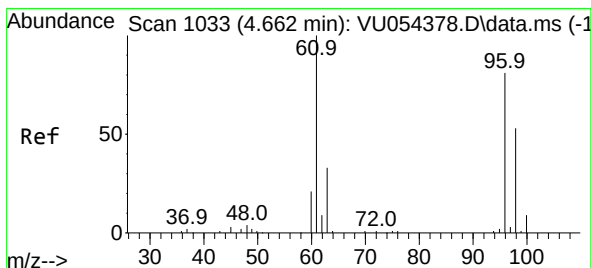
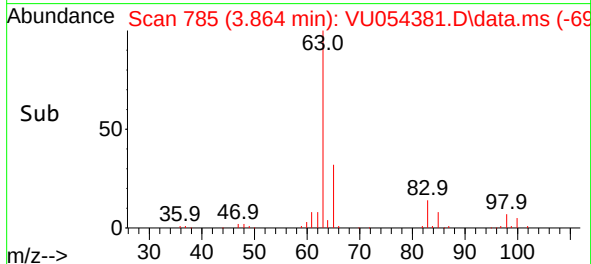
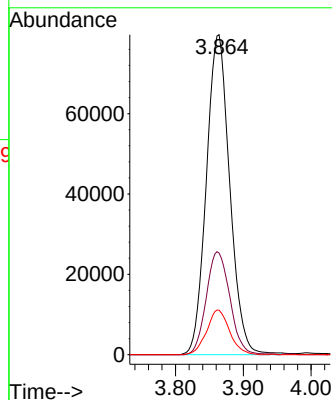
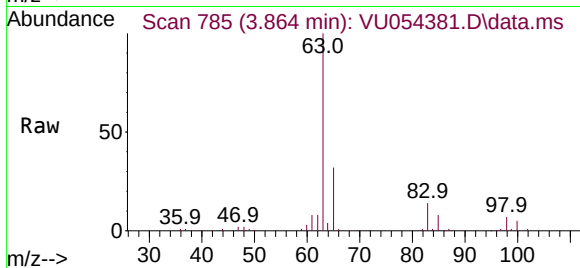
Tgt Ion: 63 Resp: 190917

Ion Ratio Lower Upper

63 100

65 31.8 21.8 40.6

83 13.9 9.7 17.9



#20

cis-1,2-Dichloroethene

Concen: 56.247 ug/L

RT: 4.658 min Scan# 1032

Delta R.T. -0.003 min

Lab File: VU054381.D

Acq: 01 Jun 2023 19:06

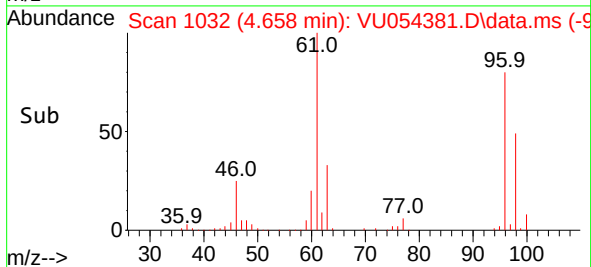
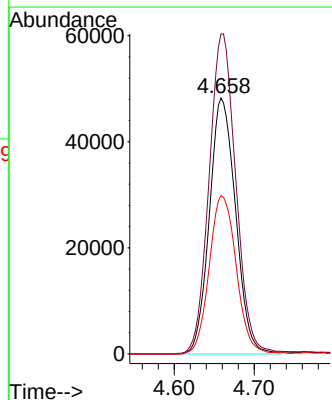
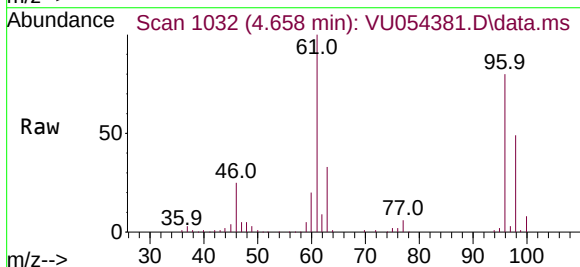
Tgt Ion: 96 Resp: 110013

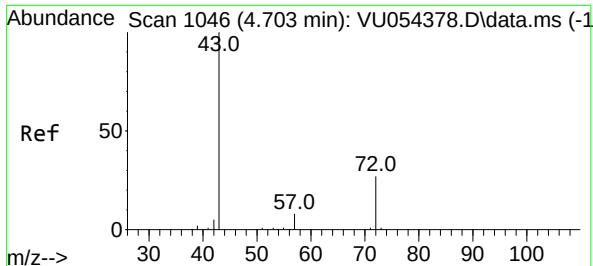
Ion Ratio Lower Upper

96 100

61 125.0 86.5 160.7

98 61.9 45.4 84.4

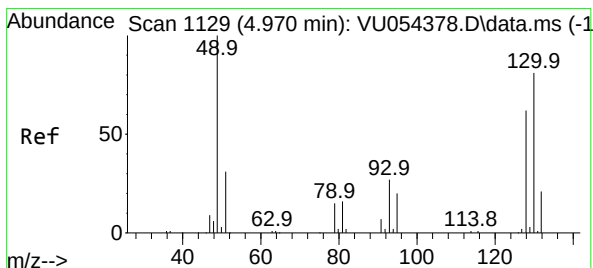
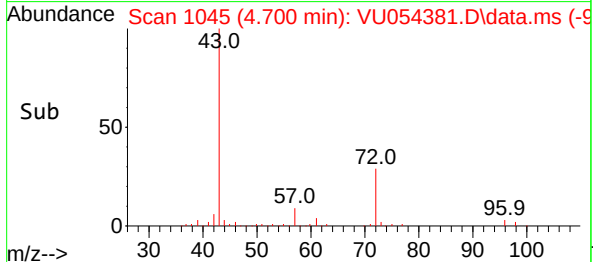
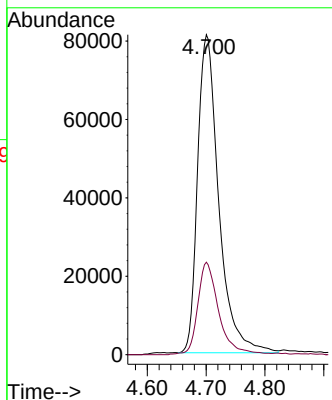
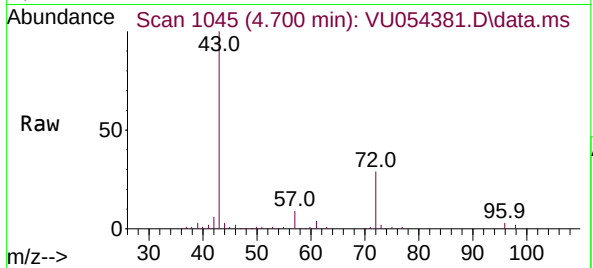




#22
2-Butanone
Concen: 109.257 ug/L
RT: 4.700 min Scan# 1046
Delta R.T. -0.003 min
Lab File: VU054381.D
Acq: 01 Jun 2023 19:06

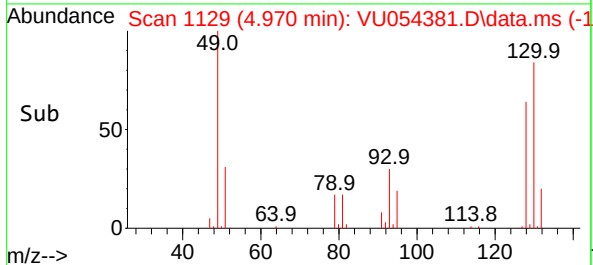
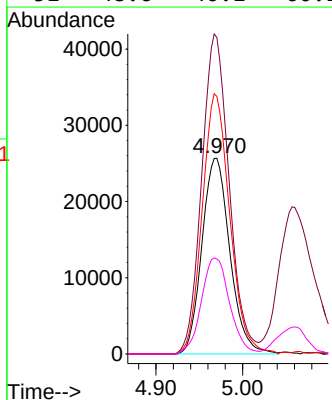
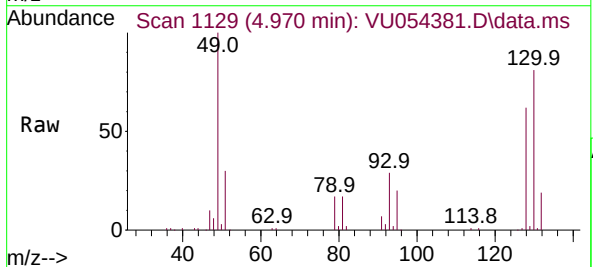
Instrument :
MSVOA_U
ClientSampleId :
VICV028

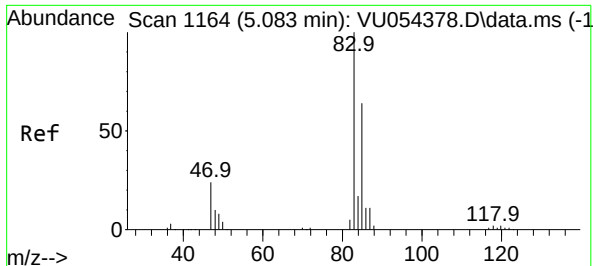
Tgt Ion: 43 Resp: 203013
Ion Ratio Lower Upper
43 100
72 28.7 14.4 43.4



#23
Bromochloromethane
Concen: 56.849 ug/L
RT: 4.970 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VU054381.D
Acq: 01 Jun 2023 19:06

Tgt Ion:128 Resp: 57458
Ion Ratio Lower Upper
128 100
49 161.7 112.6 209.0
130 131.6 90.5 168.1
51 48.6 40.1 60.1





#25

Chloroform

Concen: 56.408 ug/L

RT: 5.083 min Scan# 1164

Delta R.T. 0.000 min

Lab File: VU054381.D

Acq: 01 Jun 2023 19:06

Instrument :

MSVOA_U

ClientSampleId :

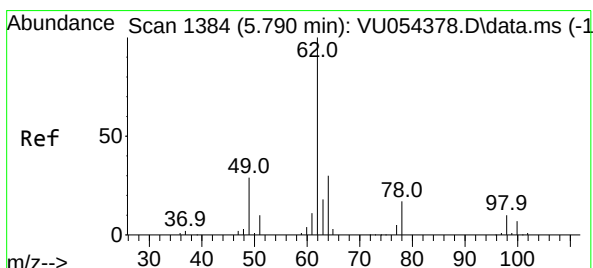
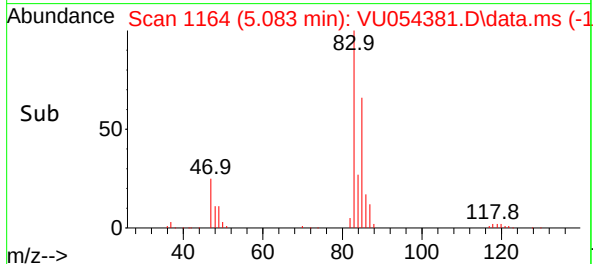
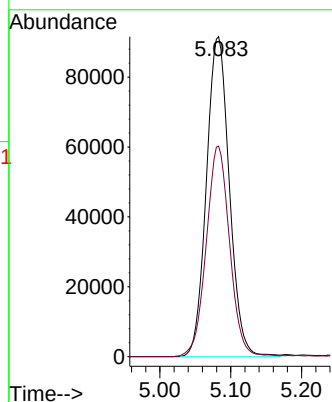
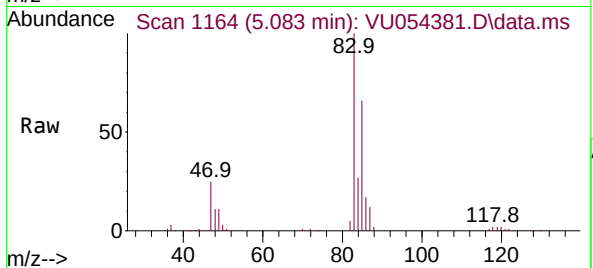
VICV028

Tgt Ion: 83 Resp: 205897

Ion Ratio Lower Upper

83 100

85 65.8 45.0 83.6



#27

1,2-Dichloroethane

Concen: 55.322 ug/L

RT: 5.787 min Scan# 1383

Delta R.T. -0.003 min

Lab File: VU054381.D

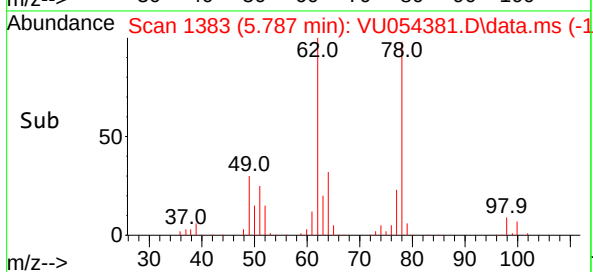
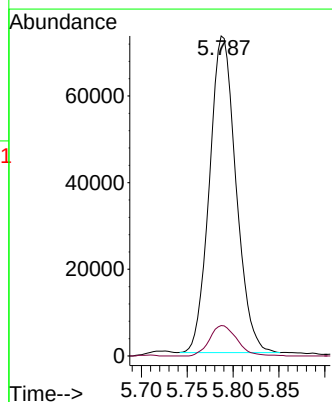
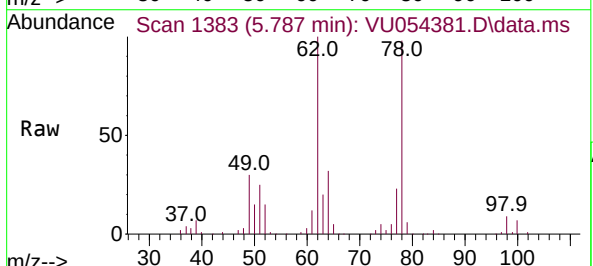
Acq: 01 Jun 2023 19:06

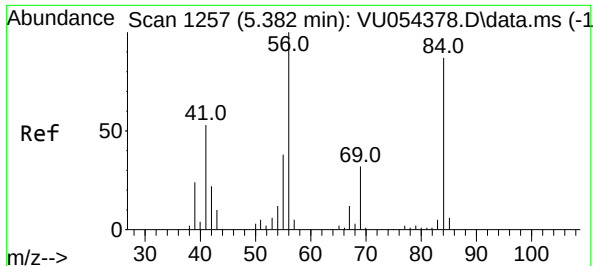
Tgt Ion: 62 Resp: 147301

Ion Ratio Lower Upper

62 100

98 9.5 7.6 11.4





#29

Cyclohexane

Concen: 55.522 ug/L

RT: 5.382 min Scan# 1257

Delta R.T. 0.000 min

Lab File: VU054381.D

Acq: 01 Jun 2023 19:06

Instrument :

MSVOA_U

ClientSampleId :

VICV028

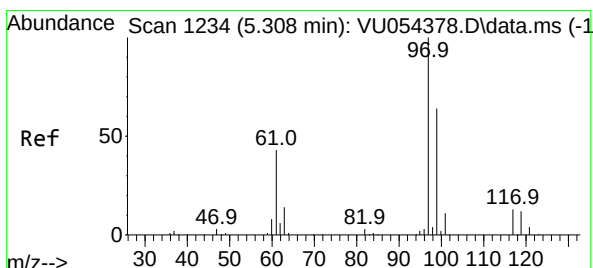
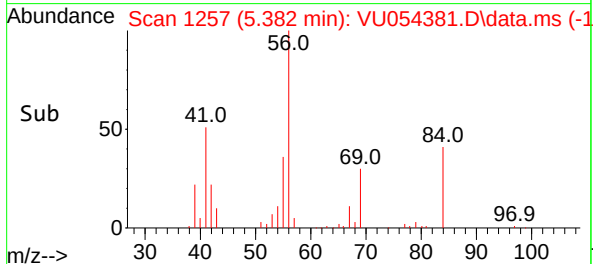
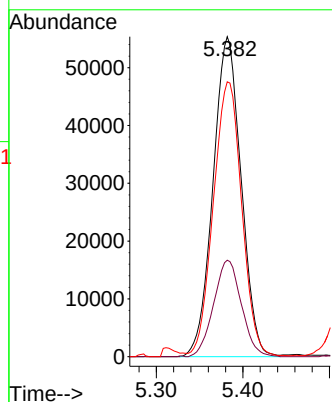
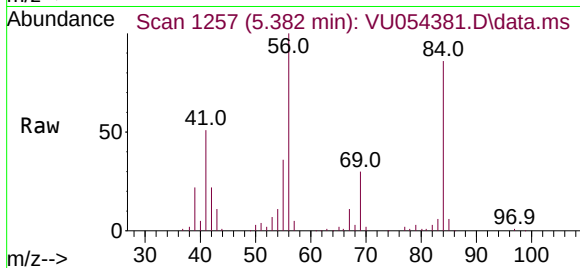
Tgt Ion: 56 Resp: 124673

Ion Ratio Lower Upper

56 100

69 29.8 24.5 36.7

84 86.9 69.4 104.2



#30

1,1,1-Trichloroethane

Concen: 56.489 ug/L

RT: 5.311 min Scan# 1235

Delta R.T. 0.003 min

Lab File: VU054381.D

Acq: 01 Jun 2023 19:06

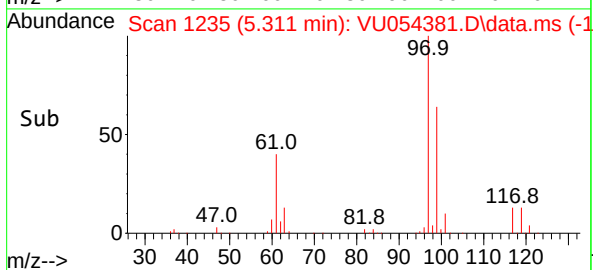
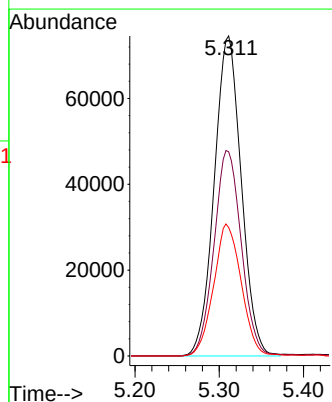
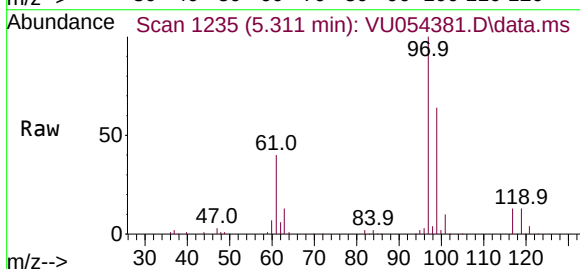
Tgt Ion: 97 Resp: 166196

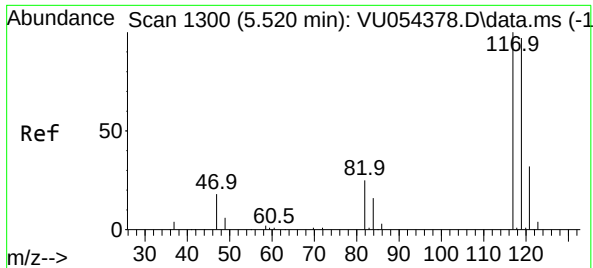
Ion Ratio Lower Upper

97 100

99 65.0 51.9 77.9

61 42.2 35.4 53.0

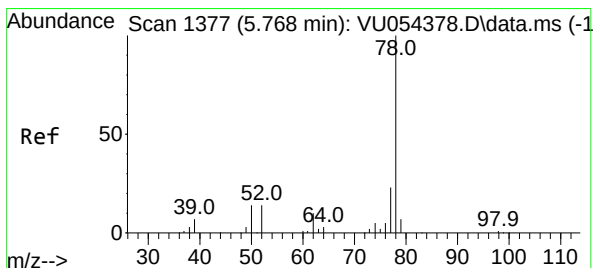
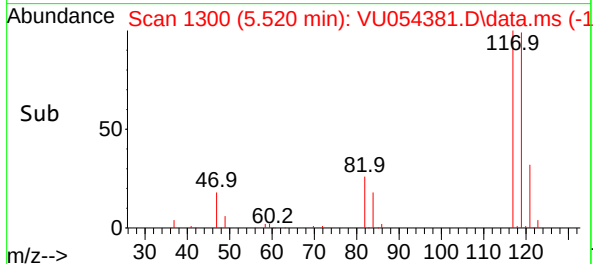
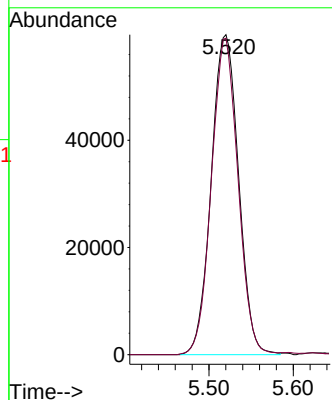
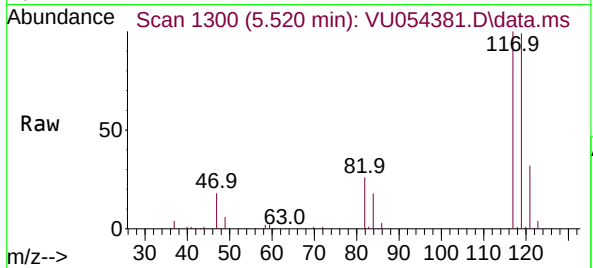




#31
Carbon tetrachloride
Concen: 55.342 ug/L
RT: 5.520 min Scan# 1300
Delta R.T. 0.000 min
Lab File: VU054381.D
Acq: 01 Jun 2023 19:06

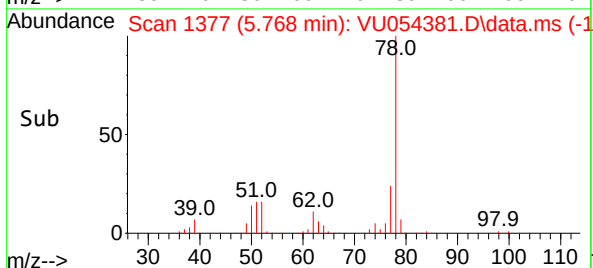
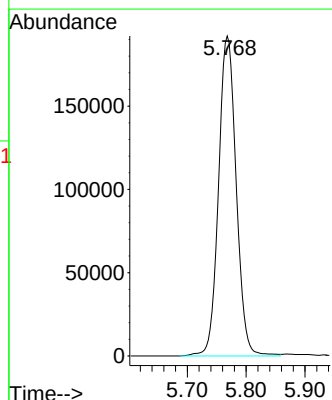
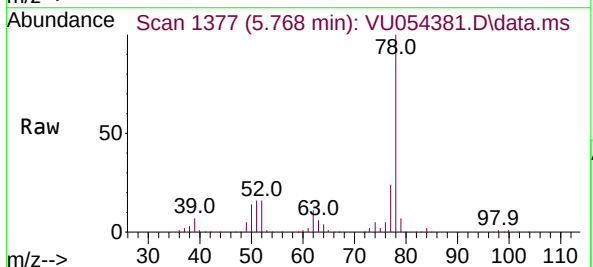
Instrument :
MSVOA_U
ClientSampleId :
VICV028

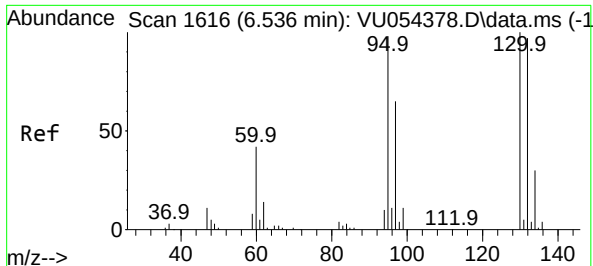
Tgt Ion:117 Resp: 134491
Ion Ratio Lower Upper
117 100
119 96.0 78.1 117.1



#33
Benzene
Concen: 56.821 ug/L
RT: 5.768 min Scan# 1377
Delta R.T. 0.000 min
Lab File: VU054381.D
Acq: 01 Jun 2023 19:06

Tgt Ion: 78 Resp: 401251

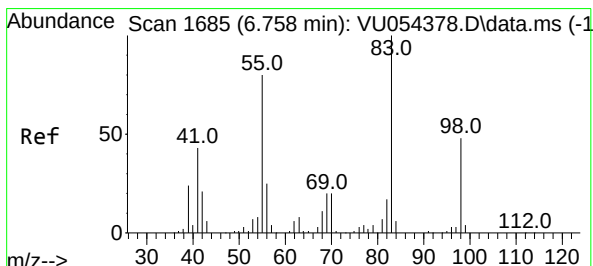
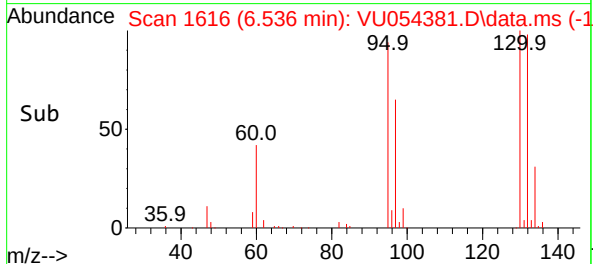
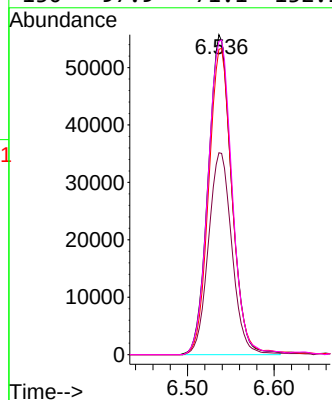
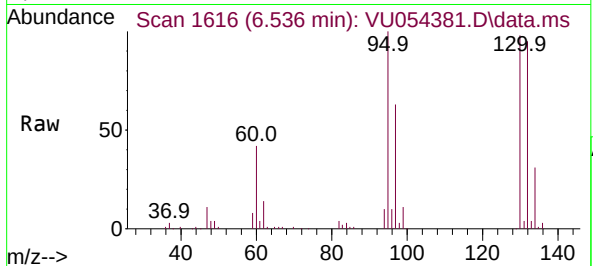




#34
Trichloroethene
Concen: 55.908 ug/L
RT: 6.536 min Scan# 1616
Delta R.T. 0.000 min
Lab File: VU054381.D
Acq: 01 Jun 2023 19:06

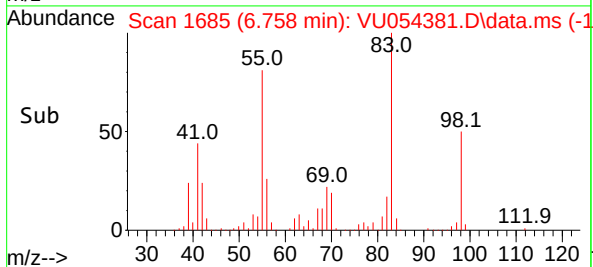
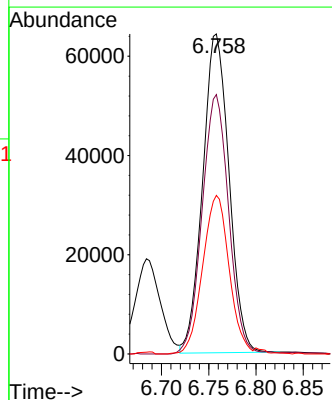
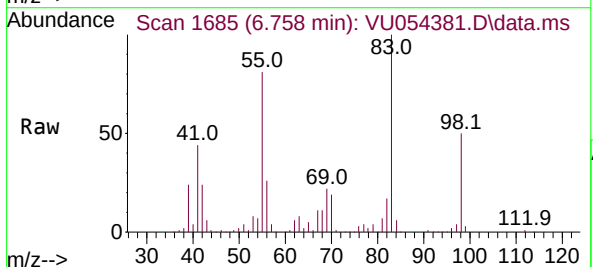
Instrument :
MSVOA_U
ClientSampleId :
VICV028

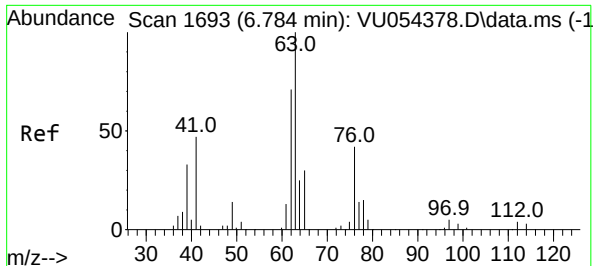
Tgt Ion: 95 Resp: 104940
Ion Ratio Lower Upper
95 100
97 63.1 45.9 85.3
132 95.5 69.3 128.7
130 97.9 71.1 132.1



#35
Methylcyclohexane
Concen: 53.834 ug/L
RT: 6.758 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VU054381.D
Acq: 01 Jun 2023 19:06

Tgt Ion: 83 Resp: 124623
Ion Ratio Lower Upper
83 100
55 81.8 62.7 94.1
98 49.8 37.8 56.6





#37

1,2-Dichloropropane

Concen: 56.594 ug/L

RT: 6.787 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU054381.D

Acq: 01 Jun 2023 19:06

Instrument :

MSVOA_U

ClientSampleId :

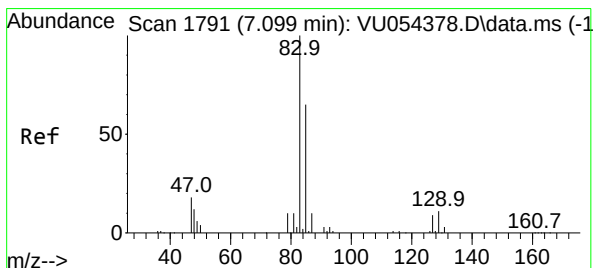
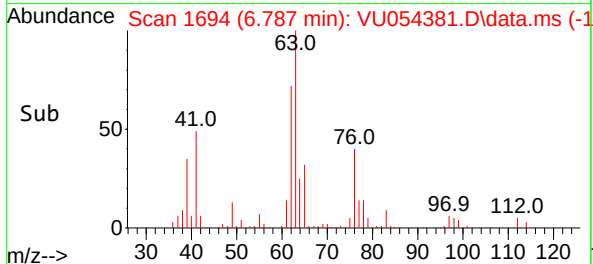
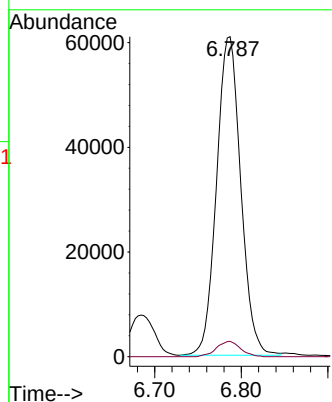
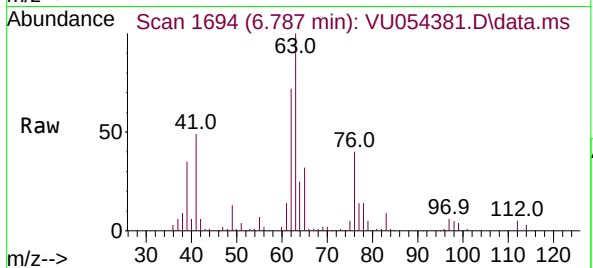
VICV028

Tgt Ion: 63 Resp: 118145

Ion Ratio Lower Upper

63 100

112 4.8 3.5 5.3



#38

Bromodichloromethane

Concen: 55.073 ug/L

RT: 7.099 min Scan# 1791

Delta R.T. 0.000 min

Lab File: VU054381.D

Acq: 01 Jun 2023 19:06

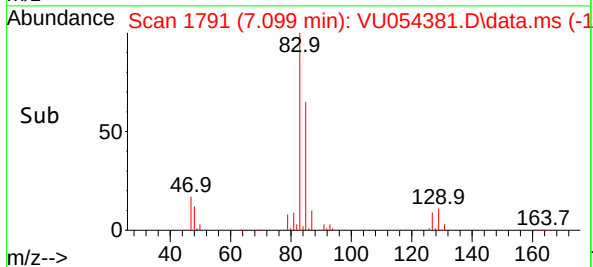
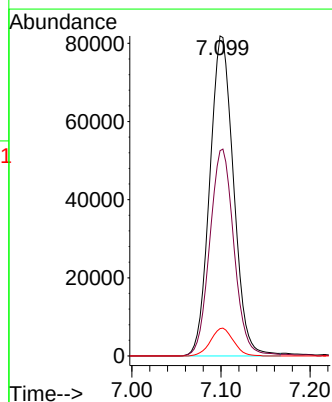
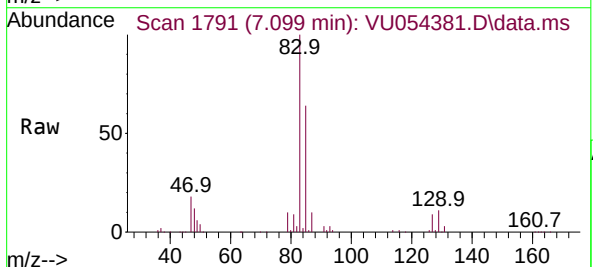
Tgt Ion: 83 Resp: 151672

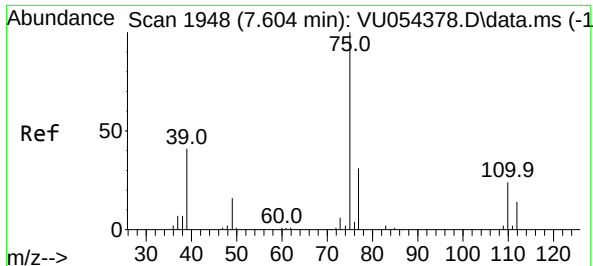
Ion Ratio Lower Upper

83 100

85 64.1 45.8 85.2

127 8.5 7.0 10.4





#39

cis-1,3-Dichloropropene

Concen: 56.898 ug/L

RT: 7.604 min Scan# 1948

Delta R.T. 0.000 min

Lab File: VU054381.D

Acq: 01 Jun 2023 19:06

Instrument :

MSVOA_U

ClientSampleId :

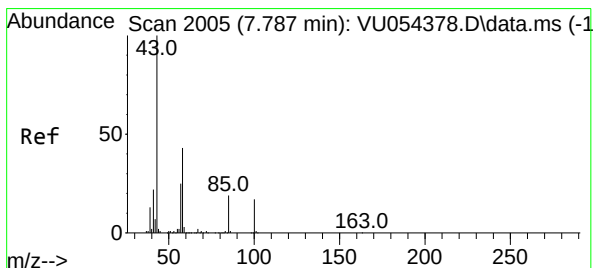
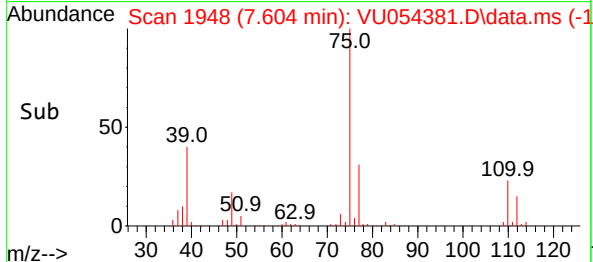
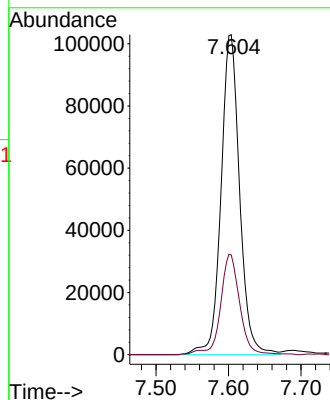
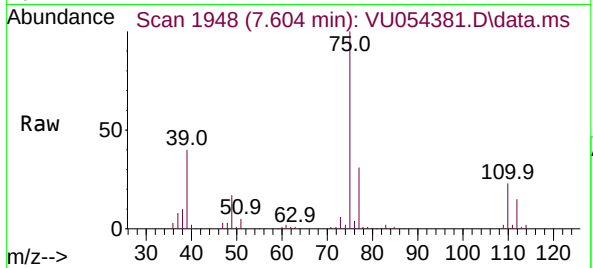
VICV028

Tgt Ion: 75 Resp: 183497

Ion Ratio Lower Upper

75 100

77 31.2 22.1 41.1



#40

4-Methyl-2-pentanone

Concen: 113.585 ug/L

RT: 7.787 min Scan# 2005

Delta R.T. 0.000 min

Lab File: VU054381.D

Acq: 01 Jun 2023 19:06

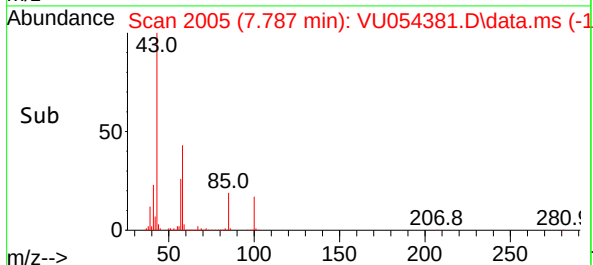
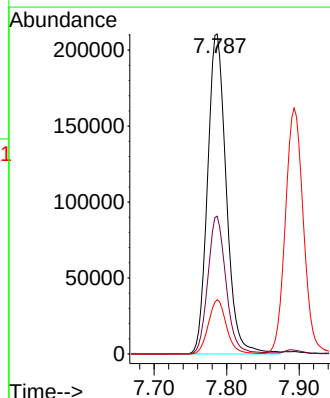
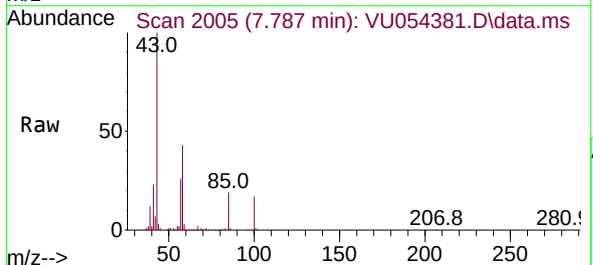
Tgt Ion: 43 Resp: 378120

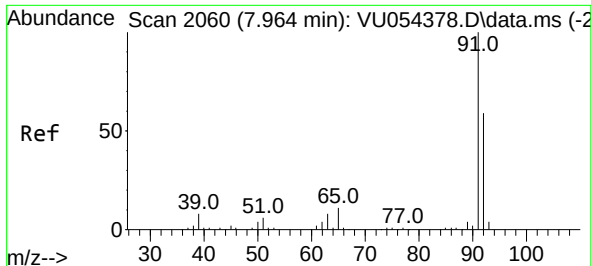
Ion Ratio Lower Upper

43 100

58 42.1 33.9 50.9

100 16.4 13.1 19.7





#42

Toluene

Concen: 57.179 ug/L

RT: 7.964 min Scan# 2060

Delta R.T. 0.000 min

Lab File: VU054381.D

Acq: 01 Jun 2023 19:06

Instrument :

MSVOA_U

ClientSampleId :

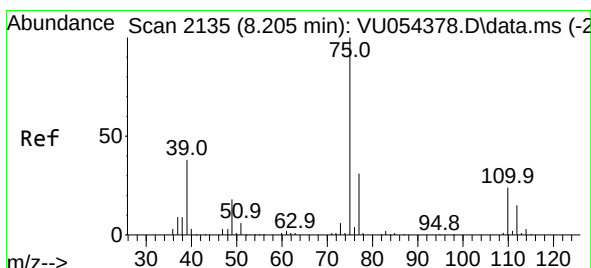
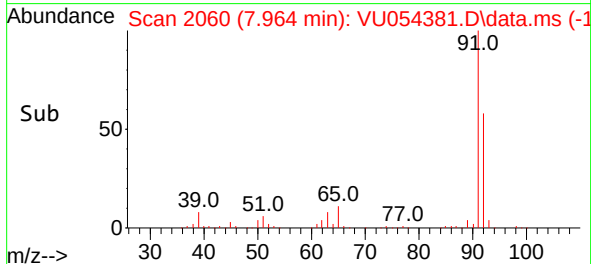
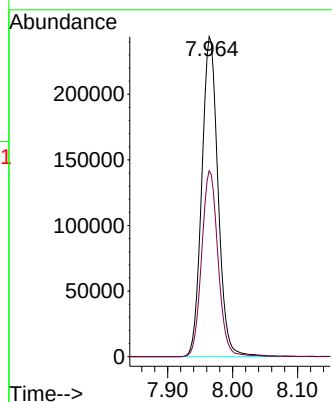
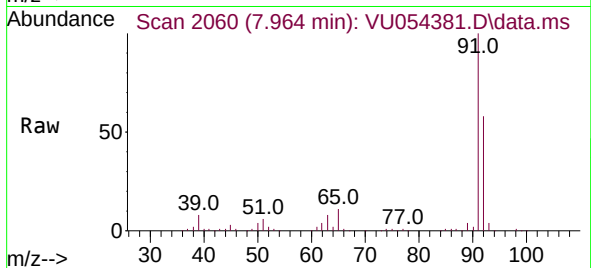
VICV028

Tgt Ion: 91 Resp: 425830

Ion Ratio Lower Upper

91 100

92 58.1 41.5 77.1



#44

trans-1,3-Dichloropropene

Concen: 56.028 ug/L

RT: 8.205 min Scan# 2135

Delta R.T. 0.000 min

Lab File: VU054381.D

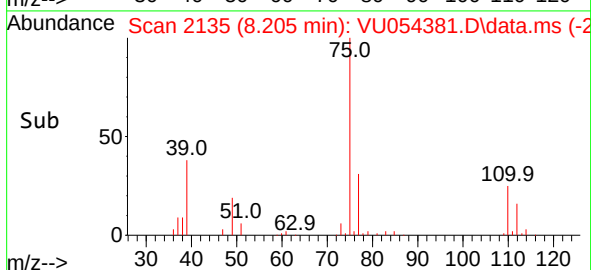
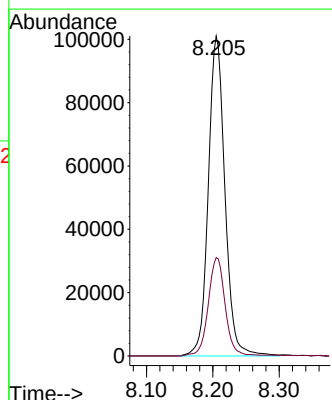
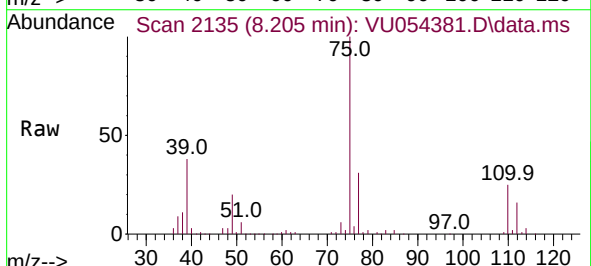
Acq: 01 Jun 2023 19:06

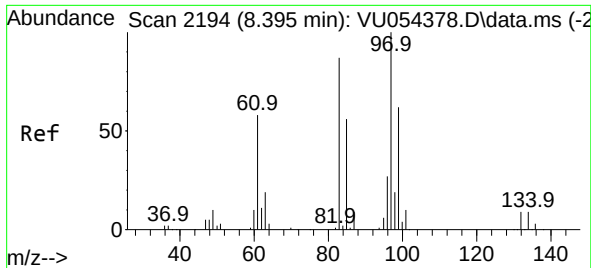
Tgt Ion: 75 Resp: 176009

Ion Ratio Lower Upper

75 100

77 30.7 21.9 40.7



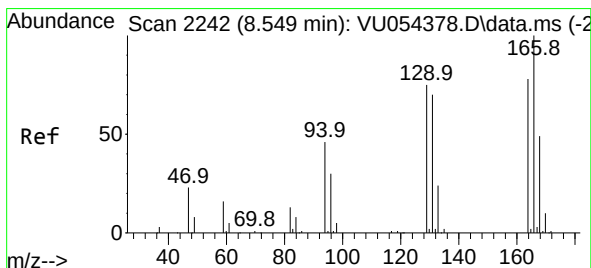
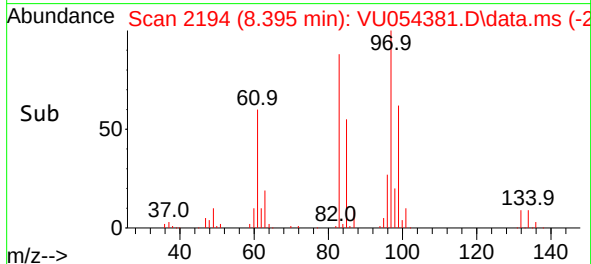
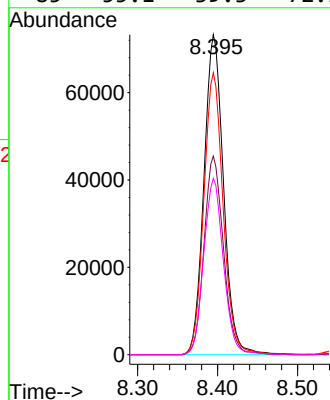
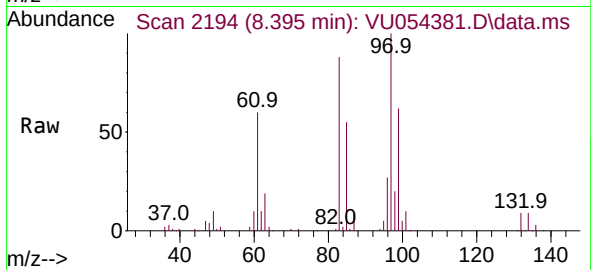


#45
1,1,2-Trichloroethane
Concen: 56.625 ug/L
RT: 8.395 min Scan# 2194
Delta R.T. 0.000 min
Lab File: VU054381.D
Acq: 01 Jun 2023 19:06

Instrument :
MSVOA_U
ClientSampleId :
VICV028

Tgt Ion: 97 Resp: 125070

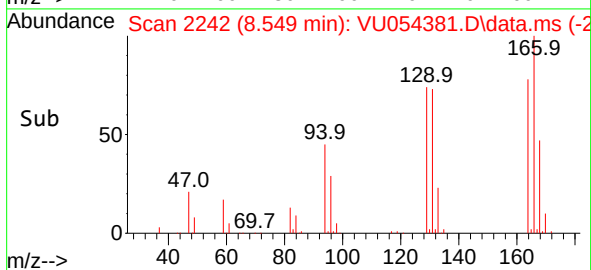
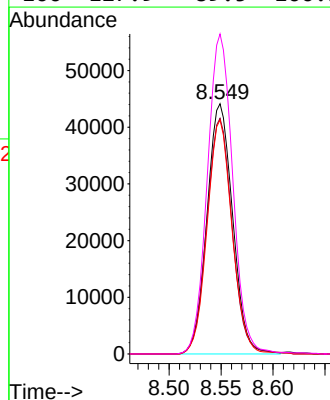
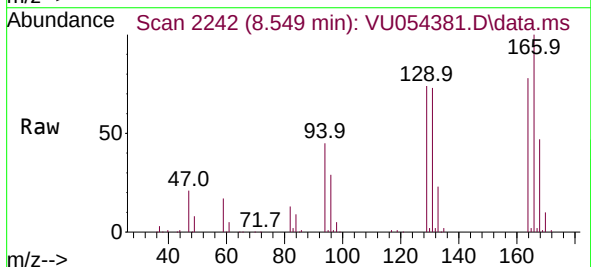
Ion	Ratio	Lower	Upper
97	100		
99	62.0	43.5	80.9
83	88.1	61.1	113.5
85	55.1	39.3	72.9

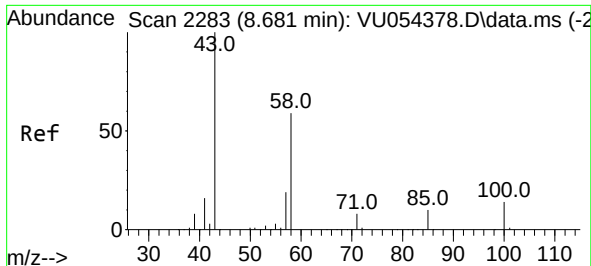


#46
Tetrachloroethene
Concen: 54.762 ug/L
RT: 8.549 min Scan# 2242
Delta R.T. 0.000 min
Lab File: VU054381.D
Acq: 01 Jun 2023 19:06

Tgt Ion: 164 Resp: 75706

Ion	Ratio	Lower	Upper
164	100		
129	94.2	67.5	125.3
131	93.6	62.8	116.6
166	127.9	89.5	166.3



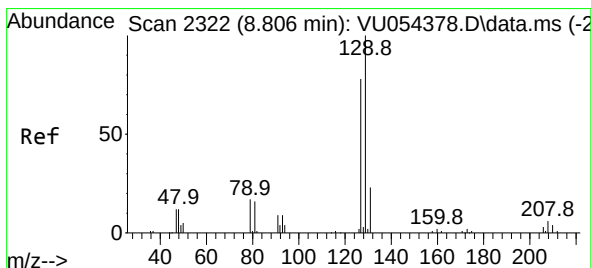
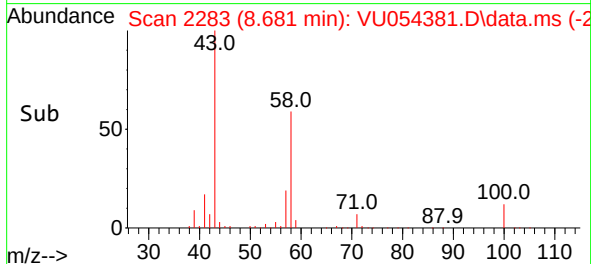
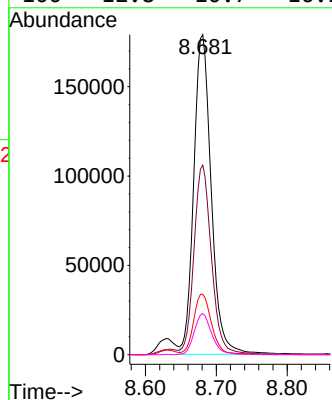
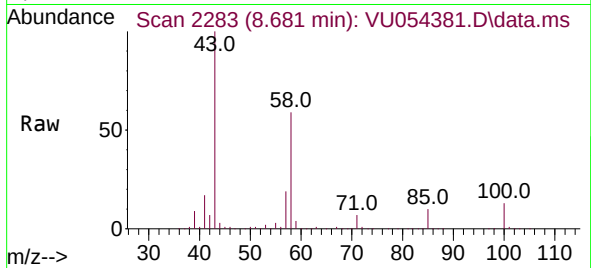


#48
2-Hexanone
Concen: 114.872 ug/L
RT: 8.681 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU054381.D
Acq: 01 Jun 2023 19:06

Instrument :
MSVOA_U
ClientSampleId :
VICV028

Tgt Ion: 43 Resp: 306813

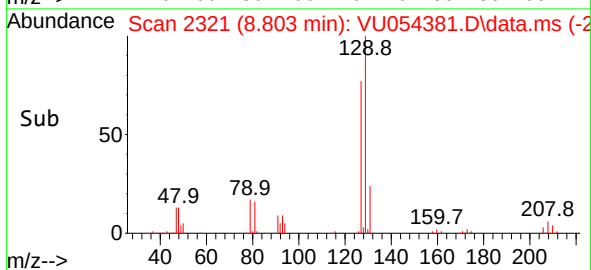
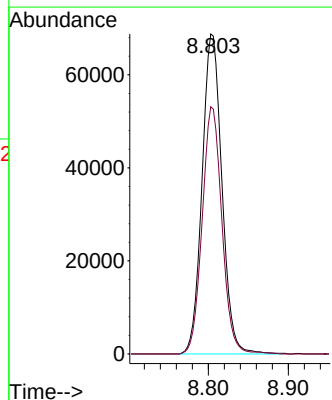
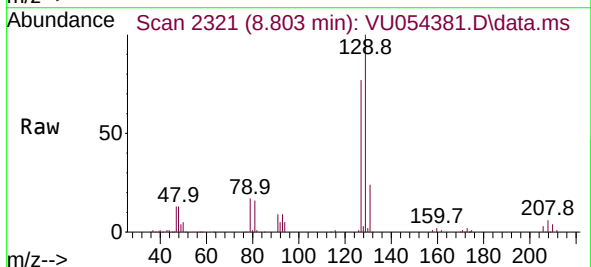
Ion	Ratio	Lower	Upper
43	100		
58	59.6	47.7	71.5
57	18.7	16.1	24.1
100	12.8	10.7	16.1

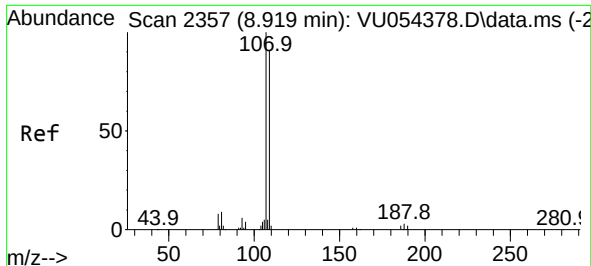


#49
Dibromochloromethane
Concen: 55.981 ug/L
RT: 8.803 min Scan# 2321
Delta R.T. -0.003 min
Lab File: VU054381.D
Acq: 01 Jun 2023 19:06

Tgt Ion: 129 Resp: 118826

Ion	Ratio	Lower	Upper
129	100		
127	77.2	54.9	101.9





#50

1,2-Dibromoethane

Concen: 56.083 ug/L

RT: 8.919 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU054381.D

Acq: 01 Jun 2023 19:06

Instrument :

MSVOA_U

ClientSampleId :

VICV028

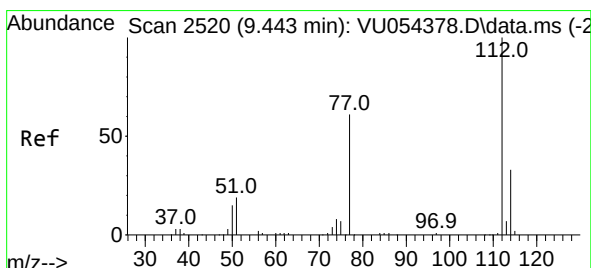
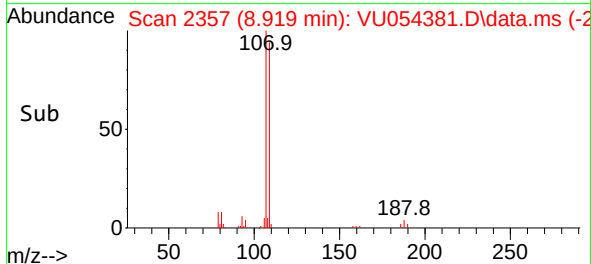
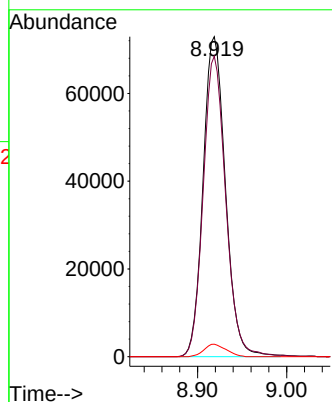
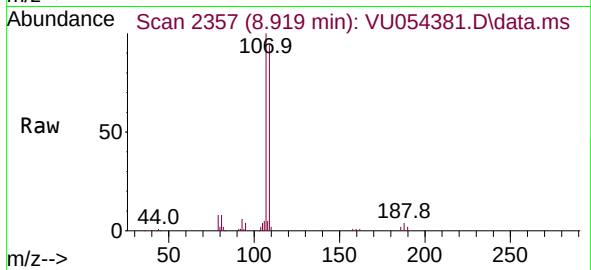
Tgt Ion:107 Resp: 127087

Ion Ratio Lower Upper

107 100

109 93.9 63.8 118.6

188 3.9 2.7 4.1



#51

Chlorobenzene

Concen: 54.661 ug/L

RT: 9.443 min Scan# 2520

Delta R.T. 0.000 min

Lab File: VU054381.D

Acq: 01 Jun 2023 19:06

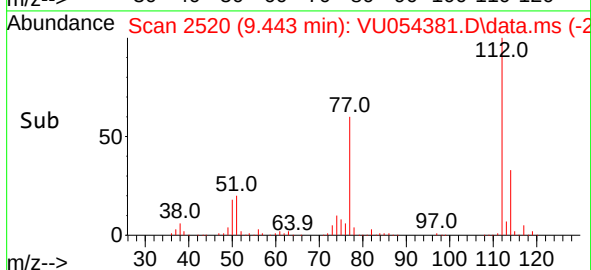
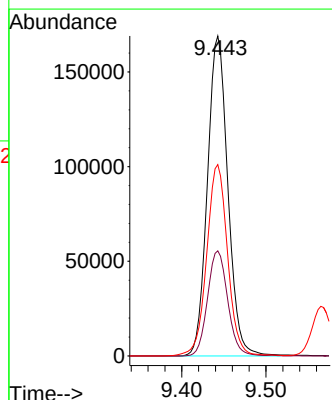
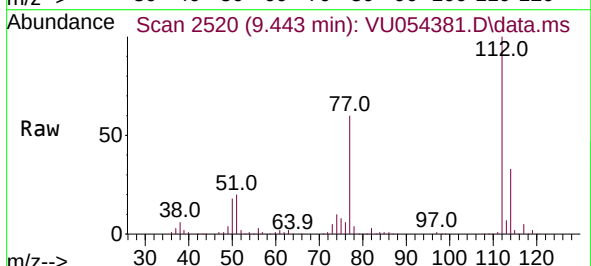
Tgt Ion:112 Resp: 285501

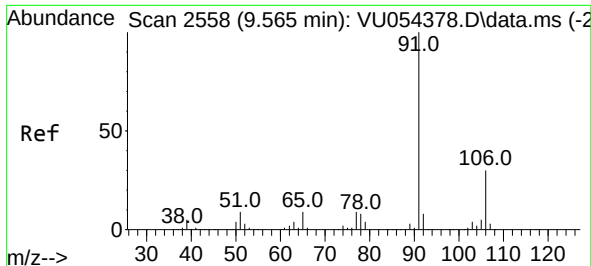
Ion Ratio Lower Upper

112 100

114 32.9 23.2 43.2

77 59.8 49.1 73.7





#52

Ethylbenzene

Concen: 56.233 ug/L

RT: 9.565 min Scan# 2558

Delta R.T. 0.000 min

Lab File: VU054381.D

Acq: 01 Jun 2023 19:06

Instrument :

MSVOA_U

ClientSampleId :

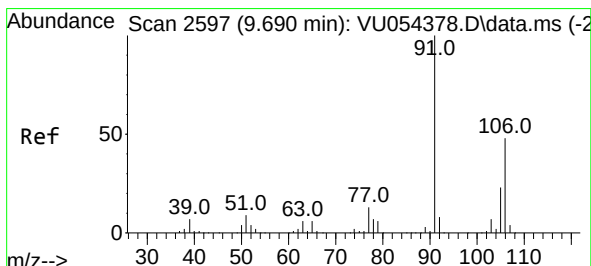
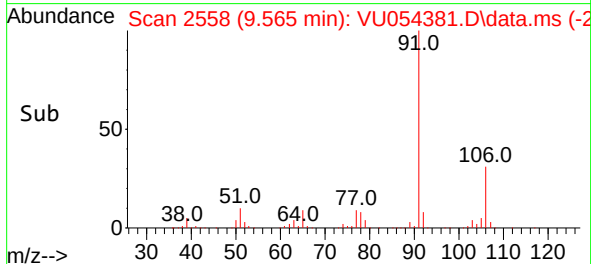
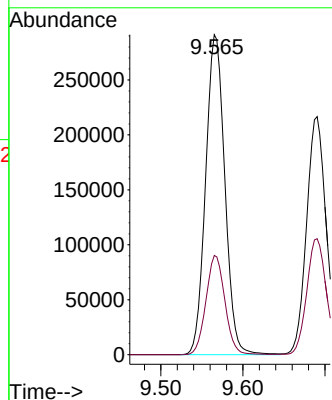
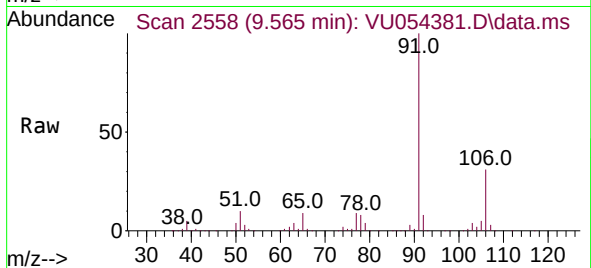
VICV028

Tgt Ion: 91 Resp: 473297

Ion Ratio Lower Upper

91 100

106 31.0 20.9 38.9



#53

m,p-Xylene

Concen: 55.728 ug/L

RT: 9.690 min Scan# 2597

Delta R.T. 0.000 min

Lab File: VU054381.D

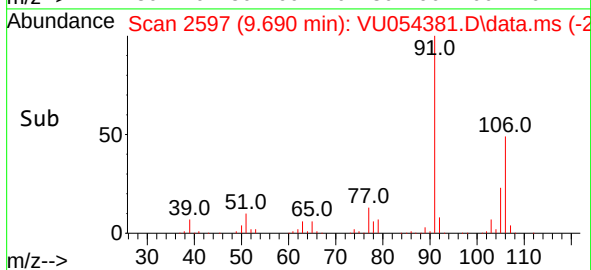
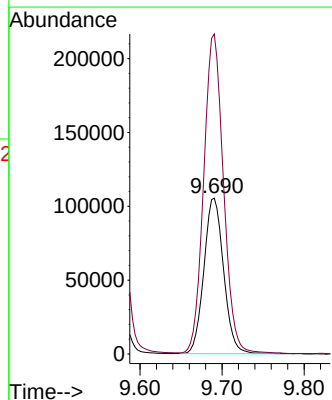
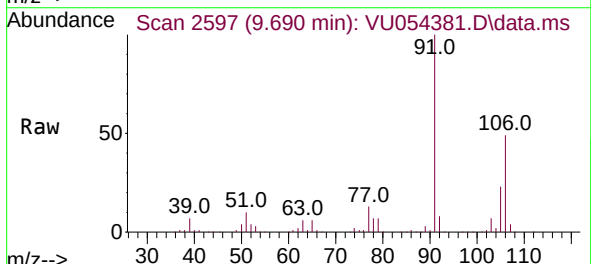
Acq: 01 Jun 2023 19:06

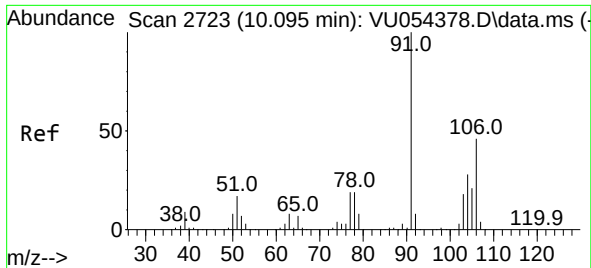
Tgt Ion: 106 Resp: 175985

Ion Ratio Lower Upper

106 100

91 205.2 145.7 270.5

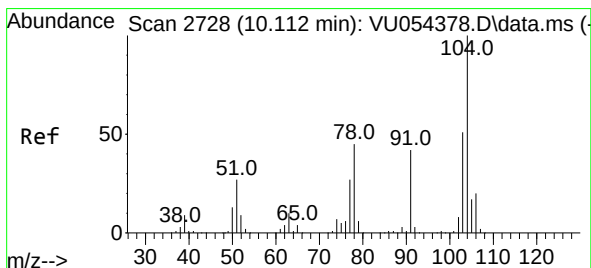
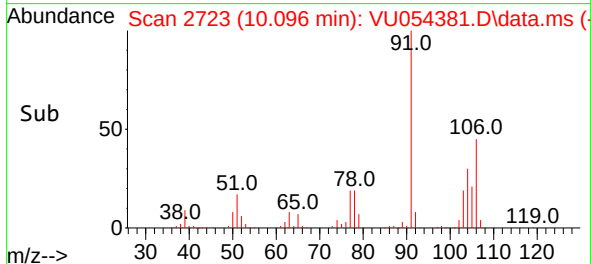
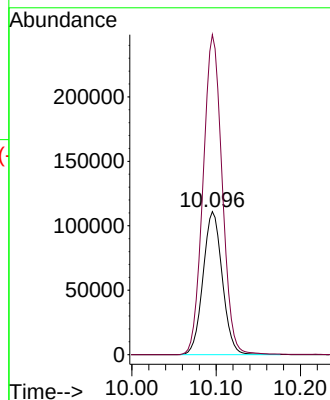
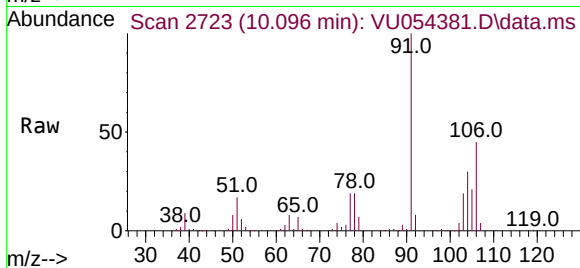




#54
o-Xylene
Concen: 56.327 ug/L
RT: 10.096 min Scan# 2723
Delta R.T. 0.000 min
Lab File: VU054381.D
Acq: 01 Jun 2023 19:06

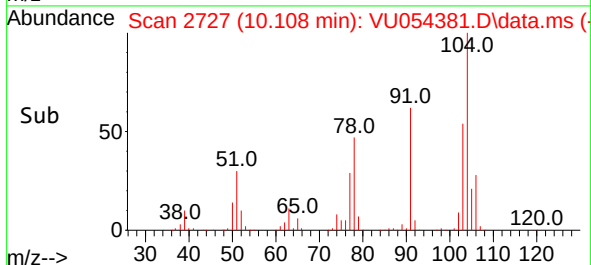
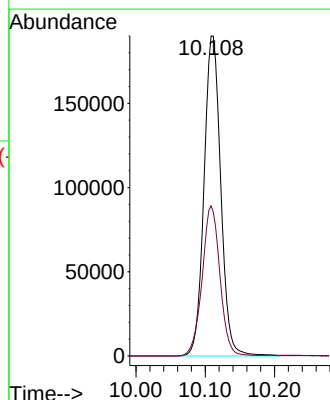
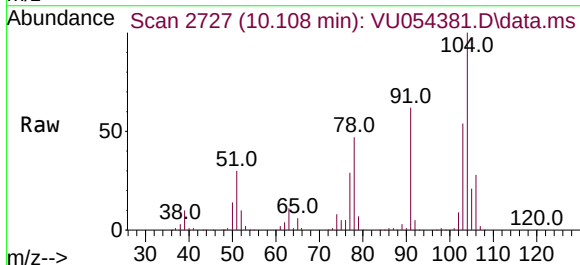
Instrument :
MSVOA_U
ClientSampleId :
VICV028

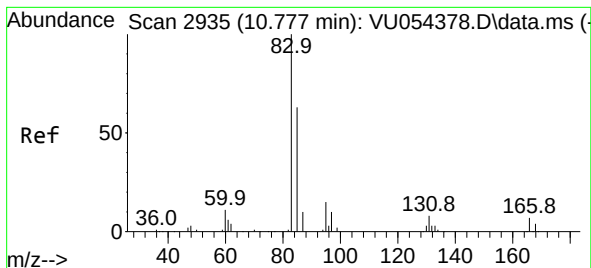
Tgt Ion:106 Resp: 176697
Ion Ratio Lower Upper
106 100
91 223.6 152.8 283.8



#55
Styrene
Concen: 58.230 ug/L
RT: 10.108 min Scan# 2727
Delta R.T. -0.003 min
Lab File: VU054381.D
Acq: 01 Jun 2023 19:06

Tgt Ion:104 Resp: 319079
Ion Ratio Lower Upper
104 100
78 46.9 31.9 59.2





#57

1,1,2,2-Tetrachloroethane

Concen: 56.466 ug/L

RT: 10.777 min Scan# 2935

Delta R.T. 0.000 min

Lab File: VU054381.D

Acq: 01 Jun 2023 19:06

Instrument :

MSVOA_U

ClientSampleId :

VICV028

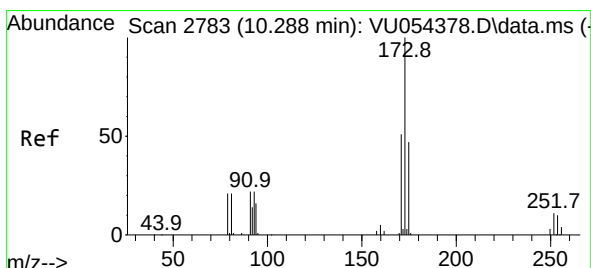
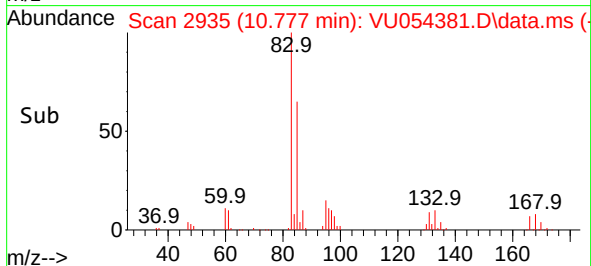
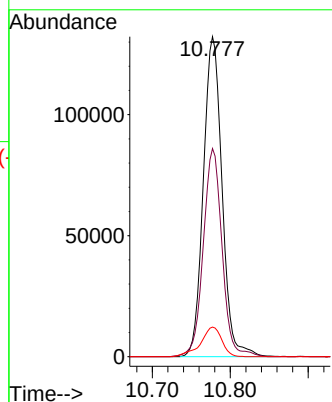
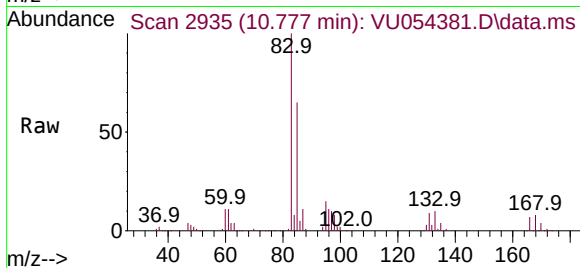
Tgt Ion: 83 Resp: 220623

Ion Ratio Lower Upper

83 100

85 65.0 44.7 82.9

131 9.2 7.2 10.8



#59

Bromoform

Concen: 57.365 ug/L

RT: 10.285 min Scan# 2782

Delta R.T. -0.003 min

Lab File: VU054381.D

Acq: 01 Jun 2023 19:06

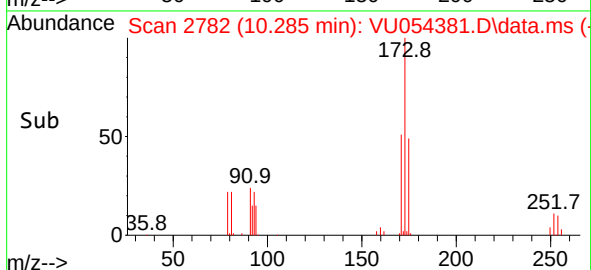
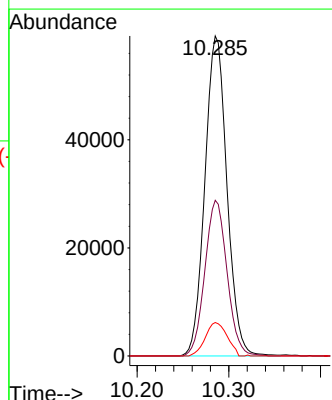
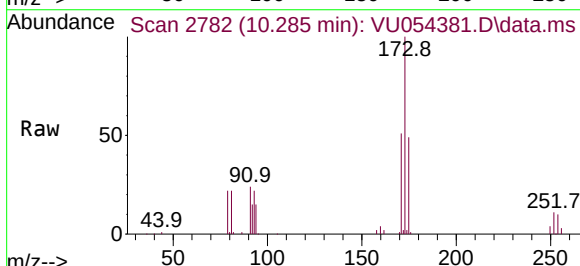
Tgt Ion:173 Resp: 99070

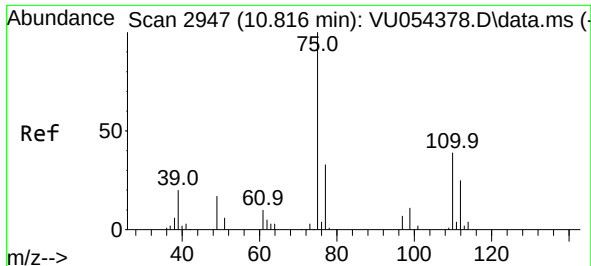
Ion Ratio Lower Upper

173 100

175 48.8 38.1 57.1

254 10.3 8.2 12.2

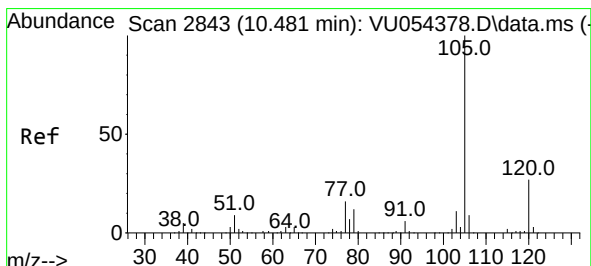
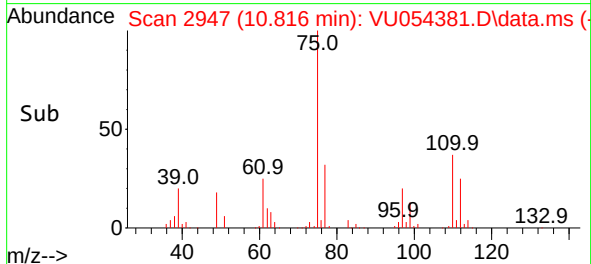
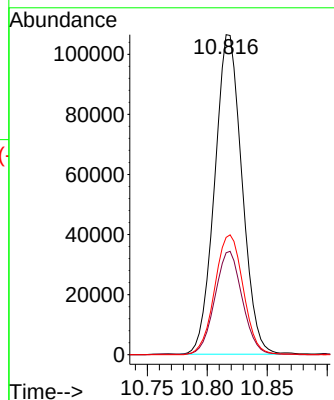
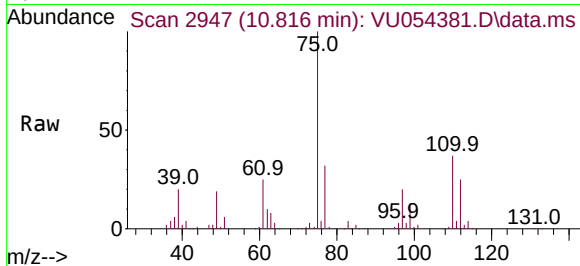




#60
1,2,3-Trichloropropane
Concen: 57.081 ug/L
RT: 10.816 min Scan# 2947
Delta R.T. 0.000 min
Lab File: VU054381.D
Acq: 01 Jun 2023 19:06

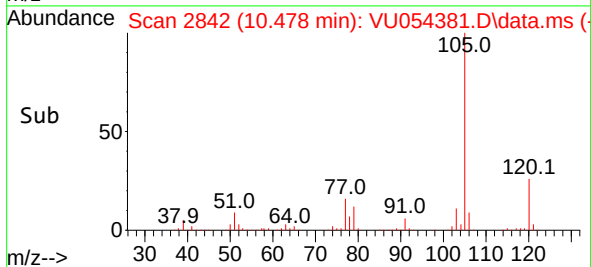
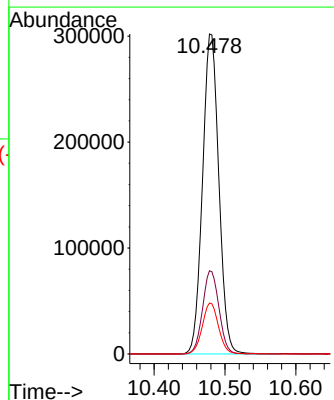
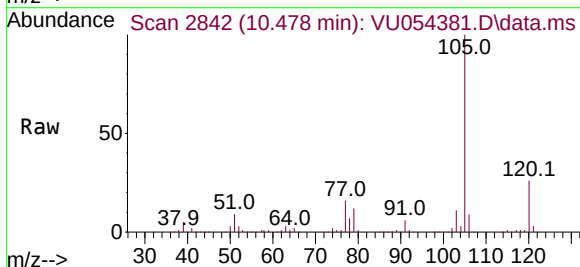
Instrument :
MSVOA_U
ClientSampleId :
VICV028

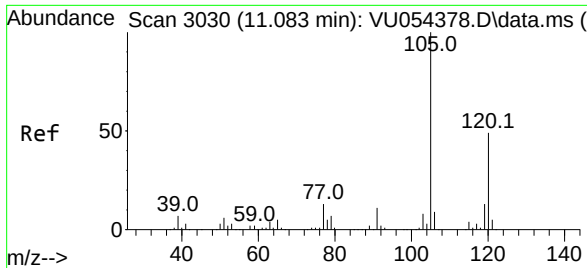
Tgt Ion: 75 Resp: 168404
Ion Ratio Lower Upper
75 100
77 32.6 26.8 40.2
110 39.2 31.4 47.0



#61
Isopropylbenzene
Concen: 58.281 ug/L
RT: 10.478 min Scan# 2842
Delta R.T. -0.003 min
Lab File: VU054381.D
Acq: 01 Jun 2023 19:06

Tgt Ion: 105 Resp: 482225
Ion Ratio Lower Upper
105 100
120 26.1 20.9 31.3
77 15.9 12.8 19.2

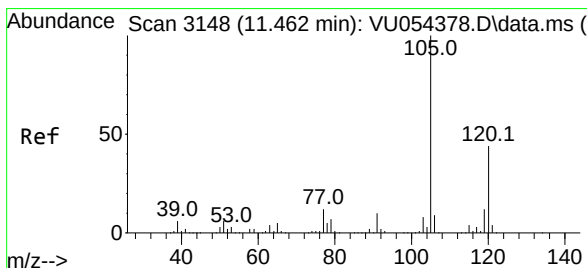
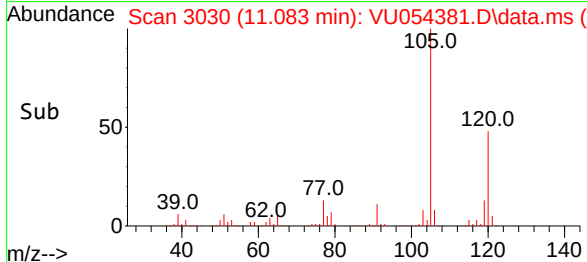
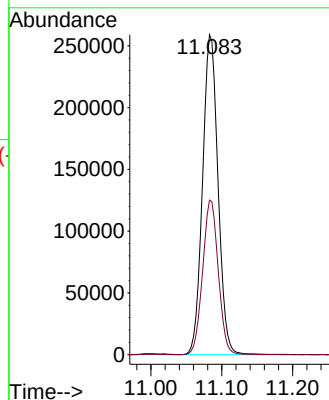
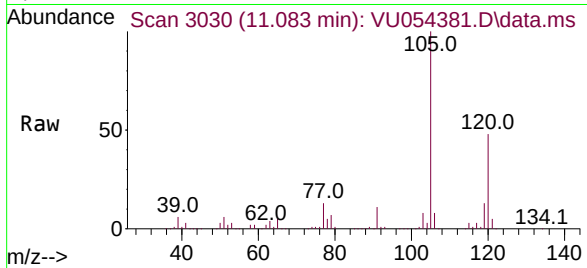




#62
 1,3,5-Trimethylbenzene
 Concen: 59.030 ug/L
 RT: 11.083 min Scan# 3030
 Delta R.T. 0.000 min
 Lab File: VU054381.D
 Acq: 01 Jun 2023 19:06

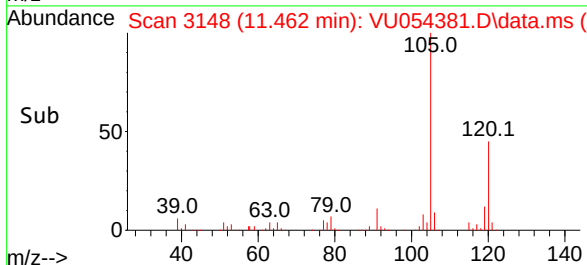
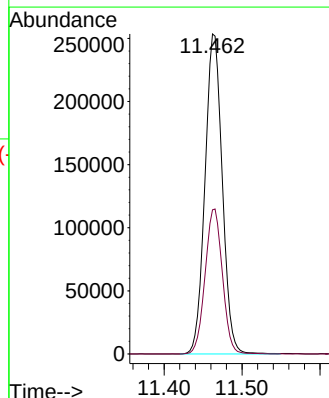
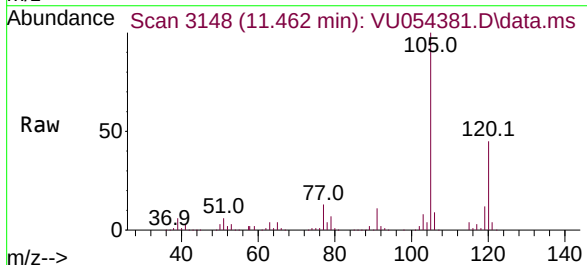
Instrument :
 MSVOA_U
 ClientSampleId :
 VICV028

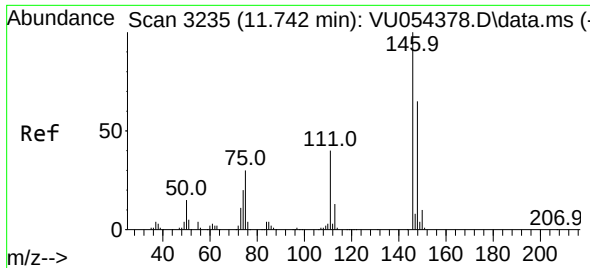
Tgt Ion:105 Resp: 392872
 Ion Ratio Lower Upper
 105 100
 120 48.8 39.4 59.0



#63
 1,2,4-Trimethylbenzene
 Concen: 59.309 ug/L
 RT: 11.462 min Scan# 3148
 Delta R.T. 0.000 min
 Lab File: VU054381.D
 Acq: 01 Jun 2023 19:06

Tgt Ion:105 Resp: 390840
 Ion Ratio Lower Upper
 105 100
 120 45.3 35.9 53.9

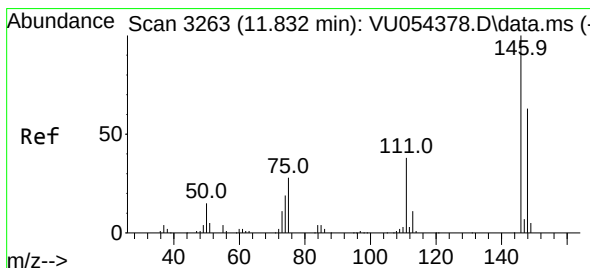
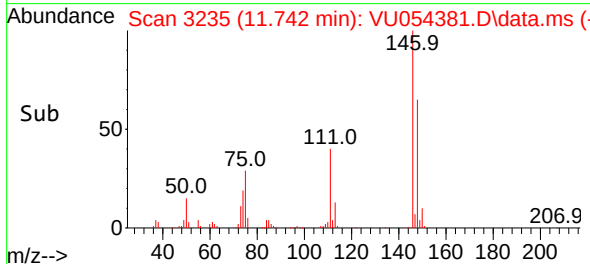
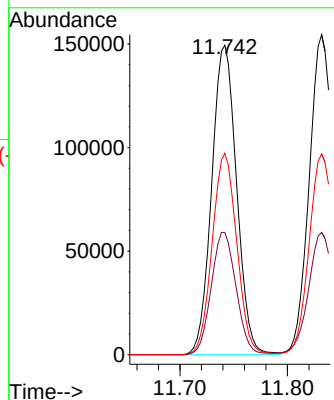
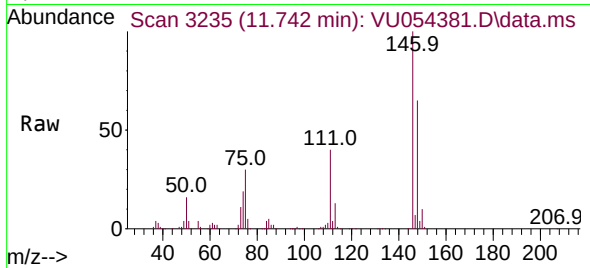




#64
1,3-Dichlorobenzene
Concen: 56.748 ug/L
RT: 11.742 min Scan# 3235
Delta R.T. 0.000 min
Lab File: VU054381.D
Acq: 01 Jun 2023 19:06

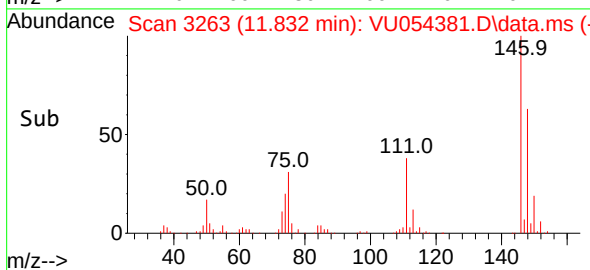
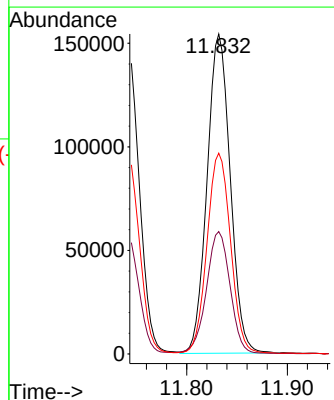
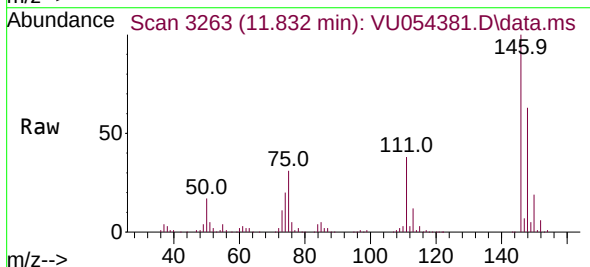
Instrument :
MSVOA_U
ClientSampleId :
VICV028

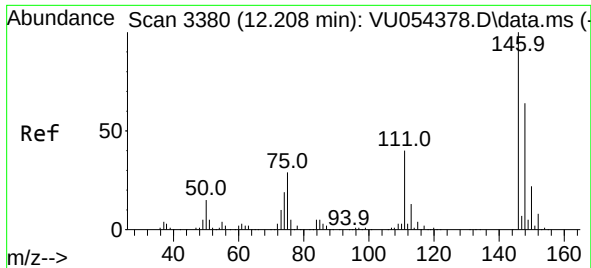
Tgt Ion:146 Resp: 240446
Ion Ratio Lower Upper
146 100
111 39.5 28.2 52.4
148 65.1 45.7 84.9



#65
1,4-Dichlorobenzene
Concen: 54.935 ug/L
RT: 11.832 min Scan# 3263
Delta R.T. 0.000 min
Lab File: VU054381.D
Acq: 01 Jun 2023 19:06

Tgt Ion:146 Resp: 246541
Ion Ratio Lower Upper
146 100
111 38.3 26.9 50.1
148 62.7 44.2 82.0

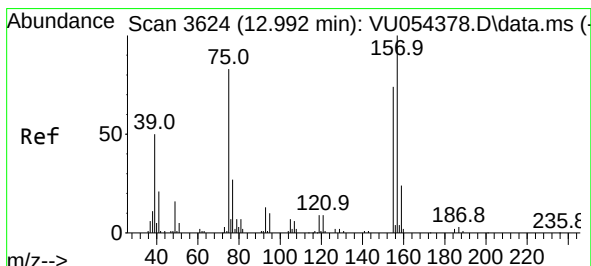
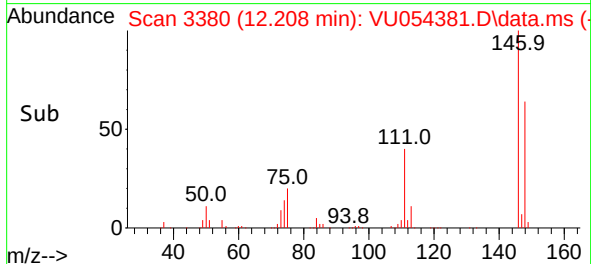
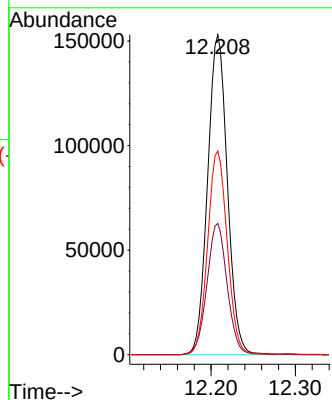
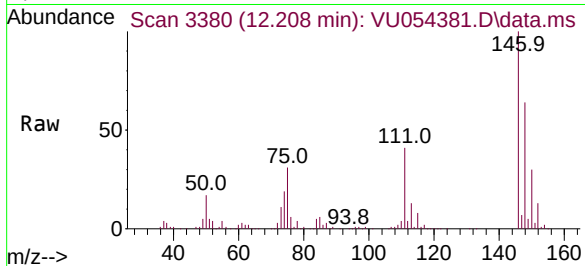




#67
1,2-Dichlorobenzene
Concen: 56.666 ug/L
RT: 12.208 min Scan# 311
Delta R.T. 0.000 min
Lab File: VU054381.D
Acq: 01 Jun 2023 19:06

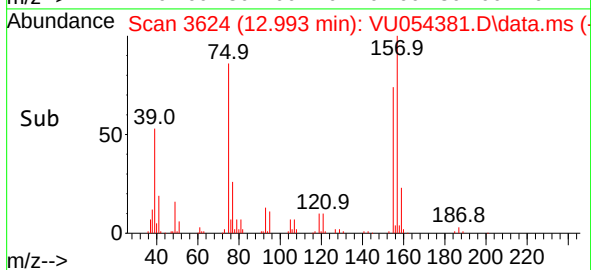
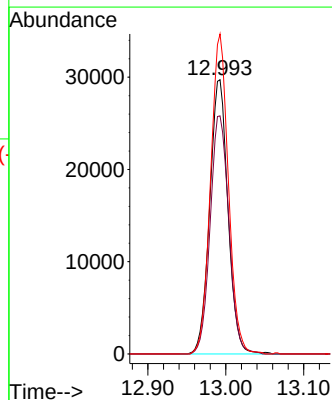
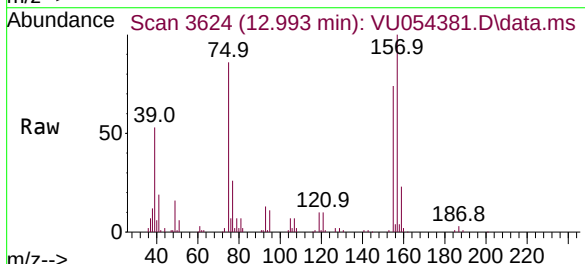
Instrument :
MSVOA_U
ClientSampleId :
VICV028

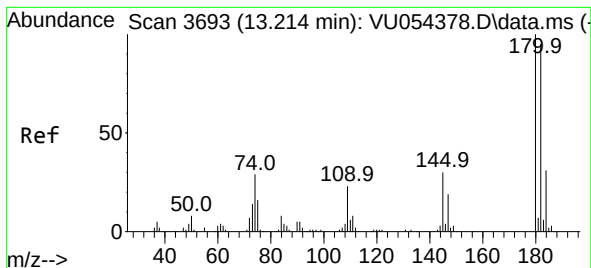
Tgt Ion:146 Resp: 249340
Ion Ratio Lower Upper
146 100
111 41.0 31.9 47.9
148 63.7 51.0 76.6



#68
1,2-Dibromo-3-chloropropane
Concen: 56.880 ug/L
RT: 12.993 min Scan# 3624
Delta R.T. 0.000 min
Lab File: VU054381.D
Acq: 01 Jun 2023 19:06

Tgt Ion: 75 Resp: 48324
Ion Ratio Lower Upper
75 100
155 86.8 72.0 108.0
157 116.7 96.7 145.1





#69

1,3,5-Trichlorobenzene

Concen: 55.094 ug/L

RT: 13.214 min Scan# 3693

Delta R.T. 0.000 min

Lab File: VU054381.D

Acq: 01 Jun 2023 19:06

Instrument :

MSVOA_U

ClientSampleId :

VICV028

Tgt Ion:180 Resp: 174042

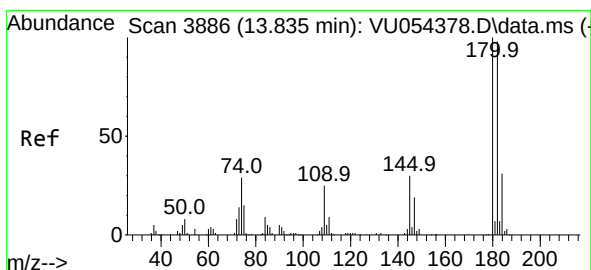
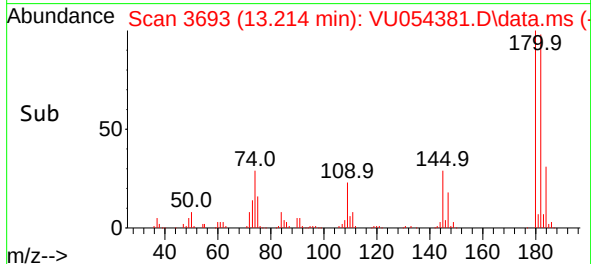
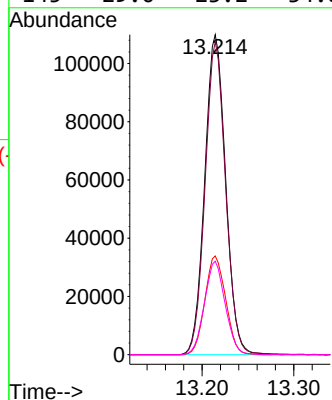
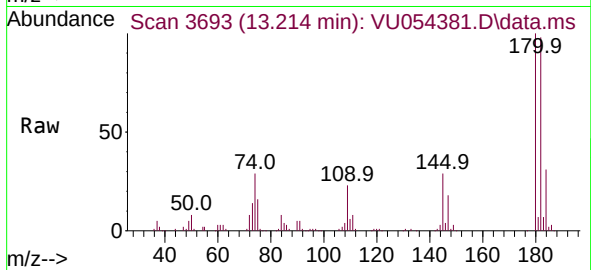
Ion Ratio Lower Upper

180 100

182 95.7 75.8 113.6

184 30.7 24.2 36.2

145 29.0 23.2 34.8



#70

1,2,4-trichlorobenzene

Concen: 53.684 ug/L

RT: 13.835 min Scan# 3886

Delta R.T. 0.000 min

Lab File: VU054381.D

Acq: 01 Jun 2023 19:06

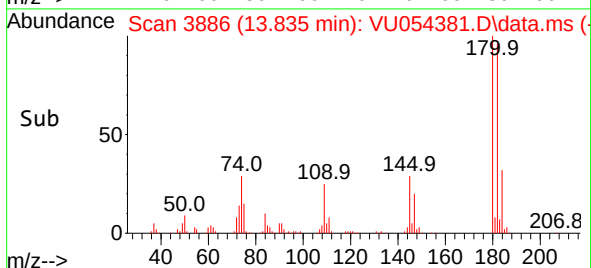
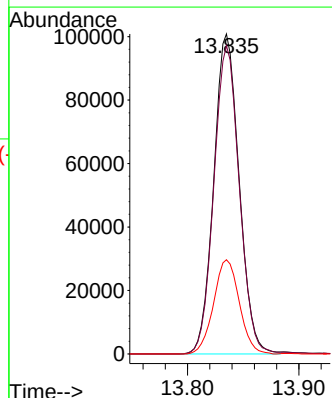
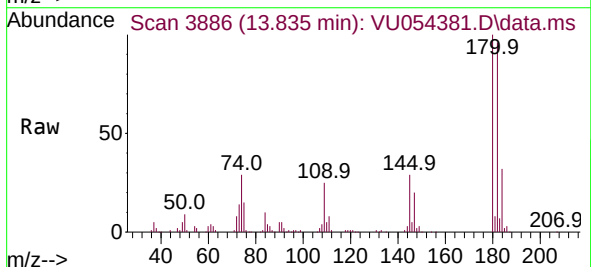
Tgt Ion:180 Resp: 159468

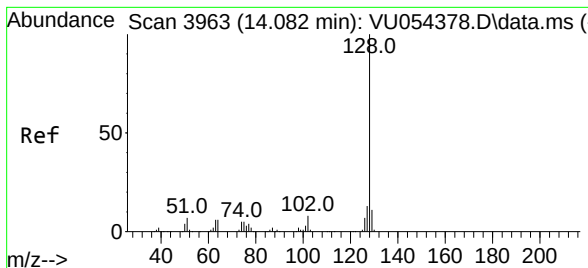
Ion Ratio Lower Upper

180 100

182 96.3 77.0 115.6

145 29.9 23.7 35.5





#71

Naphthalene

Concen: 59.523 ug/L

RT: 14.083 min Scan# 3963

Delta R.T. 0.000 min

Lab File: VU054381.D

Acq: 01 Jun 2023 19:06

Instrument :

MSVOA_U

ClientSampleId :

VICV028

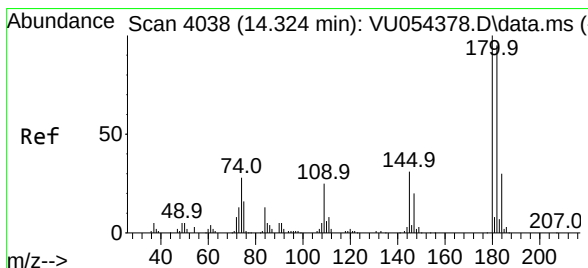
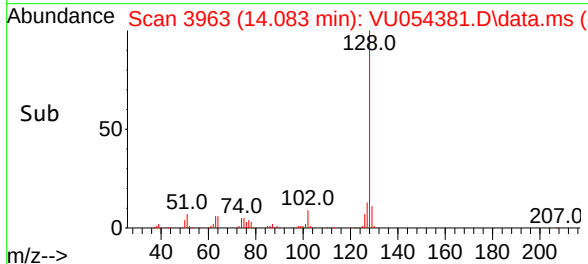
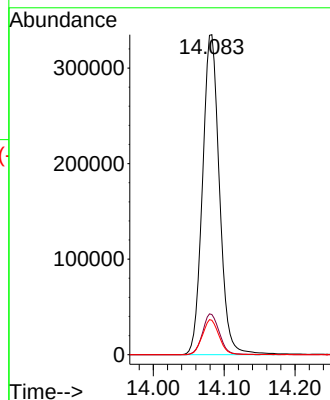
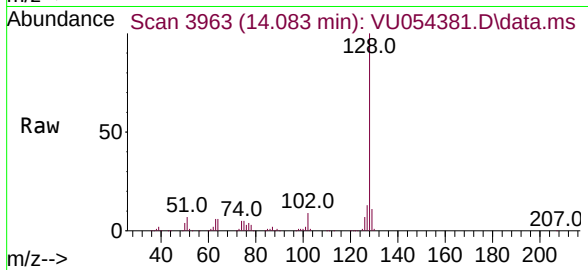
Tgt Ion:128 Resp: 555314

Ion Ratio Lower Upper

128 100

127 12.6 10.3 15.5

129 10.7 8.8 13.2



#72

1,2,3-Trichlorobenzene

Concen: 56.054 ug/L

RT: 14.324 min Scan# 4038

Delta R.T. 0.000 min

Lab File: VU054381.D

Acq: 01 Jun 2023 19:06

Tgt Ion:180 Resp: 169479

Ion Ratio Lower Upper

180 100

182 96.0 76.0 114.0

145 31.0 25.3 37.9

