

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101023\
 Data File : VU055710.D
 Acq On : 10 Oct 2023 09:52
 Operator : MD/SY
 Sample : VSTD00535
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 11 04:59:07 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM101023WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Oct 11 04:58:37 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	368868	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	386950	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.810	152	196152	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	16665	5.716	ug/L	0.00
7) Chloroethane-d5	1.914	69	13574	4.835	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.570	63	29091	6.599	ug/L	0.00
21) 2-Butanone-d5	4.627	46	18059	9.251	ug/L	0.02
24) Chloroform-d	5.062	84	32577	6.775	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.701	65	18963	6.497	ug/L	0.00
32) Benzene-d6	5.727	84	58278	5.908	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.688	67	19274	5.857	ug/L	0.00
41) Toluene-d8	7.897	98	50249	5.395	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.180	79	7866	4.749	ug/L	0.00
47) 2-Hexanone-d5	8.634	63	9749	6.593	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.756	84	27740	4.827	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.193	152	18751	5.462	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.383	85	15955	5.696	ug/L	99
3) Chloromethane	1.521	50	15478	5.011	ug/L	98
5) Vinyl chloride	1.605	62	16627	4.273	ug/L	98
6) Bromomethane	1.856	94	10487	4.357	ug/L	99
8) Chloroethane	1.933	64	11389	4.266	ug/L	96
9) Trichlorofluoromethane	2.142	101	23891	3.906	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.583	101	15769	6.338	ug/L	95
12) 1,1-Dichloroethene	2.583	96	13132	5.666	ug/L	84
13) Acetone	2.621	43	23421	13.925	ug/L	100
14) Carbon disulfide	2.795	76	41927	6.111	ug/L	99
15) Methyl Acetate	2.946	43	16908	6.194	ug/L	100
16) Methylene chloride	3.046	84	17192	6.127	ug/L	95
17) trans-1,2-Dichloroethene	3.354	96	13264	5.522	ug/L	95
18) Methyl tert-butyl Ether	3.357	73	40990	5.001	ug/L	99
19) 1,1-Dichloroethane	3.865	63	28528	6.132	ug/L	98
20) cis-1,2-Dichloroethene	4.666	96	14244	5.008	ug/L	96
22) 2-Butanone	4.708	43	22962	10.231	ug/L #	67
23) Bromochloromethane	4.978	128	7743	5.321	ug/L #	95
25) Chloroform	5.087	83	29909	6.137	ug/L	99
27) 1,2-Dichloroethane	5.795	62	22913	6.087	ug/L	98
29) Cyclohexane	5.389	56	19231	4.479	ug/L	94
30) 1,1,1-Trichloroethane	5.316	97	24929	5.688	ug/L	99
31) Carbon tetrachloride	5.525	117	22075	5.828	ug/L	94
33) Benzene	5.775	78	58547	5.212	ug/L	100
34) Trichloroethene	6.544	95	16539	5.734	ug/L	98
35) Methylcyclohexane	6.762	83	21118	4.570	ug/L	94
37) 1,2-Dichloropropane	6.791	63	16047	5.177	ug/L #	97
38) Bromodichloromethane	7.103	83	21903	5.522	ug/L #	94
39) cis-1,3-Dichloropropene	7.608	75	23158	4.599	ug/L	97
40) 4-Methyl-2-pentanone	7.791	43	39461	8.464	ug/L	97
42) Toluene	7.968	91	57317	4.601	ug/L	97
44) trans-1,3-Dichloropropene	8.213	75	20764	4.370	ug/L	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101023\
 Data File : VU055710.D
 Acq On : 10 Oct 2023 09:52
 Operator : MD/SY
 Sample : VSTD00535
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

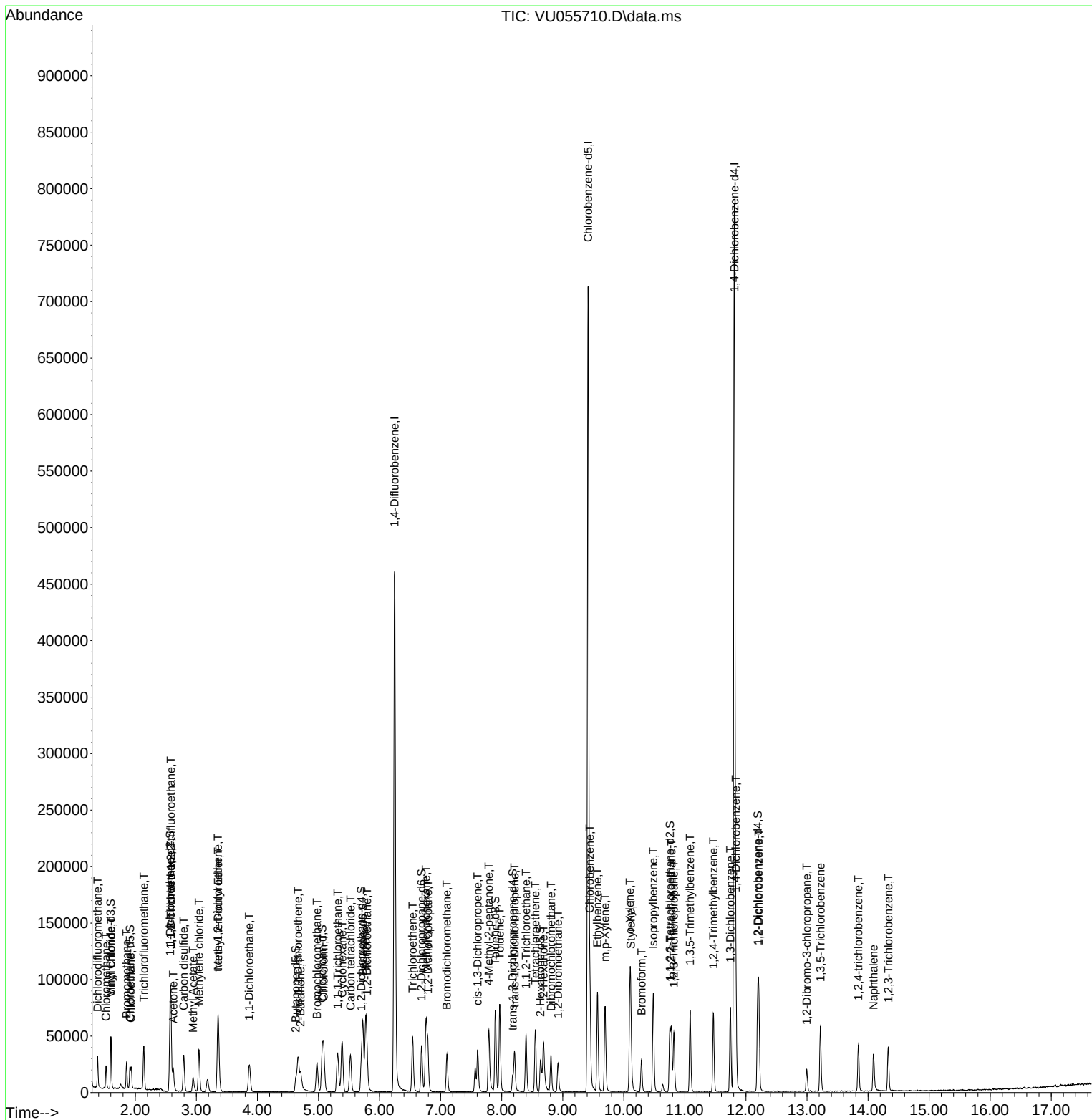
Instrument :
 MSVOA_U
 ClientSampleId :

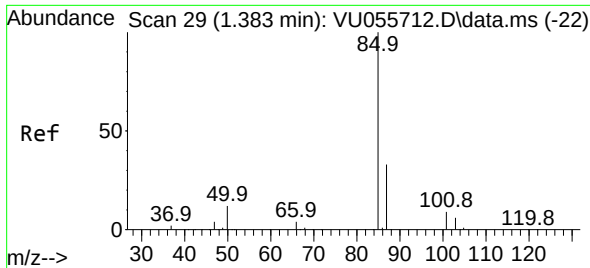
Quant Time: Oct 11 04:59:07 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM101023WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Oct 11 04:58:37 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	8.399	97	16229	5.191	ug/L	92
46) Tetrachloroethene	8.553	164	11626	5.328	ug/L	95
48) 2-Hexanone	8.685	43	29585	7.583	ug/L	96
49) Dibromochloromethane	8.811	129	16410	5.101	ug/L	98
50) 1,2-Dibromoethane	8.923	107	17306	5.164	ug/L	97
51) Chlorobenzene	9.444	112	40494	5.044	ug/L	98
52) Ethylbenzene	9.569	91	61922	4.361	ug/L	99
53) m,p-Xylene	9.695	106	22090	4.083	ug/L	99
54) o-Xylene	10.100	106	22110	4.052	ug/L	95
55) Styrene	10.116	104	33904	3.572	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.778	83	26196	4.366	ug/L	100
59) Bromoform	10.290	173	12288	5.081	ug/L	92
60) 1,2,3-Trichloropropane	10.820	75	22360	5.794	ug/L	99
61) Isopropylbenzene	10.483	105	55171	4.323	ug/L	98
62) 1,3,5-Trimethylbenzene	11.087	105	39150	3.730	ug/L	98
63) 1,2,4-Trimethylbenzene	11.470	105	37627	3.610	ug/L	98
64) 1,3-Dichlorobenzene	11.746	146	29036	4.870	ug/L	92
65) 1,4-Dichlorobenzene	11.836	146	30788	5.114	ug/L	92
67) 1,2-Dichlorobenzene	12.212	146	29209	4.897	ug/L	94
68) 1,2-Dibromo-3-chloropr...	12.997	75	5036	4.686	ug/L	95
69) 1,3,5-Trichlorobenzene	13.222	180	17254	4.338	ug/L	97
70) 1,2,4-trichlorobenzene	13.843	180	12677	3.729	ug/L	95
71) Naphthalene	14.090	128	29621	2.685	ug/L	98
72) 1,2,3-Trichlorobenzene	14.331	180	12229	3.664	ug/L	99

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

Quant Time: Oct 11 04:59:07 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM101023WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Oct 11 04:58:37 2023
Response via : Initial Calibration

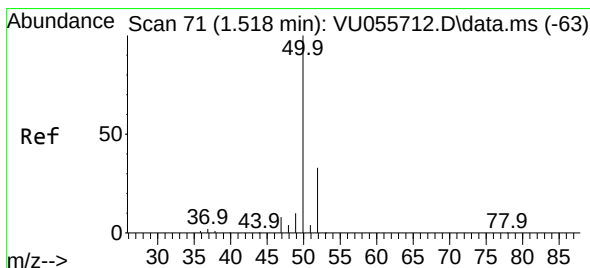
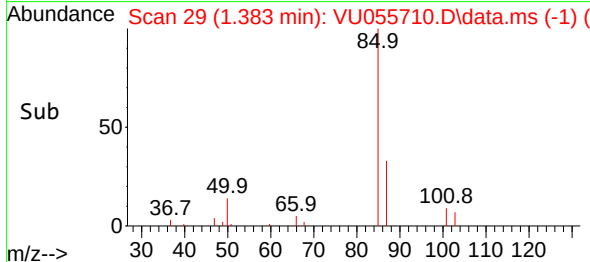
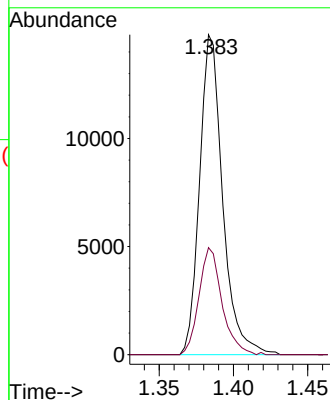
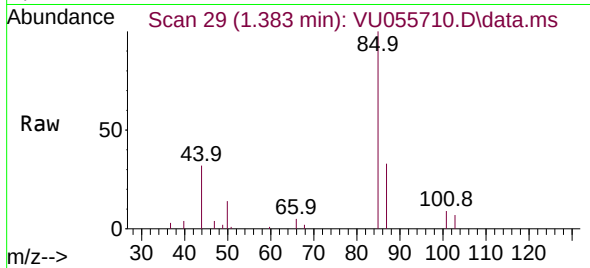




#2
 Dichlorodifluoromethane
 Concen: 5.696 ug/L
 RT: 1.383 min Scan# 29
 Delta R.T. -0.000 min
 Lab File: VU055710.D
 Acq: 10 Oct 2023 09:52

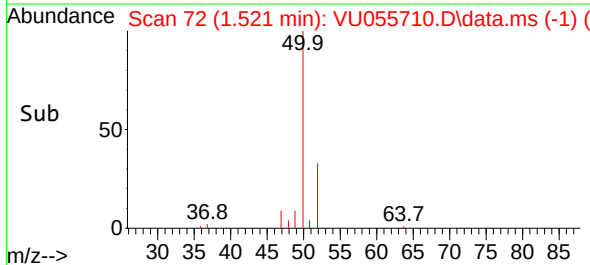
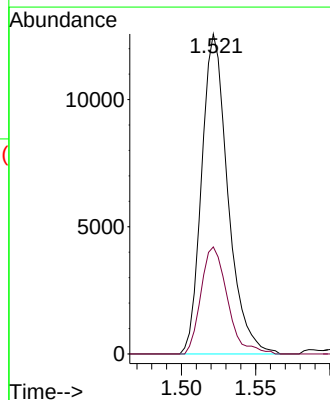
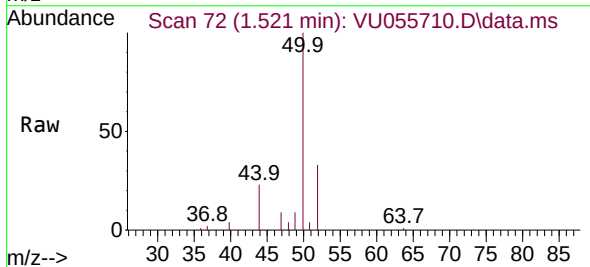
Instrument :
 MSVOA_U
 ClientSampleId :

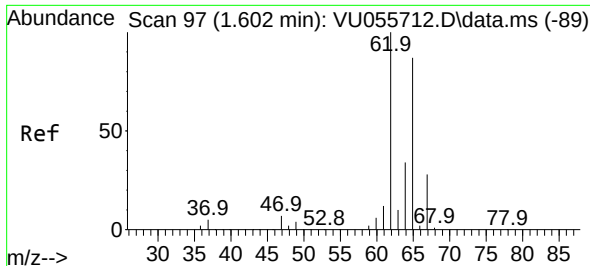
Tgt Ion: 85 Resp: 15955
 Ion Ratio Lower Upper
 85 100
 87 33.3 26.0 39.0



#3
 Chloromethane
 Concen: 5.011 ug/L
 RT: 1.521 min Scan# 72
 Delta R.T. 0.003 min
 Lab File: VU055710.D
 Acq: 10 Oct 2023 09:52

Tgt Ion: 50 Resp: 15478
 Ion Ratio Lower Upper
 50 100
 52 33.5 22.8 42.4

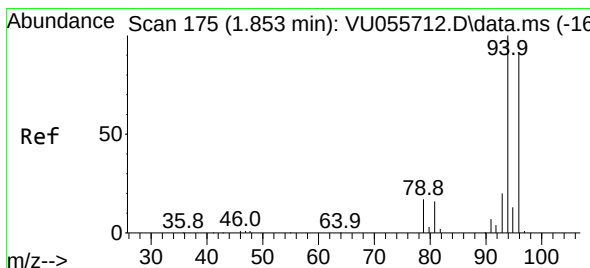
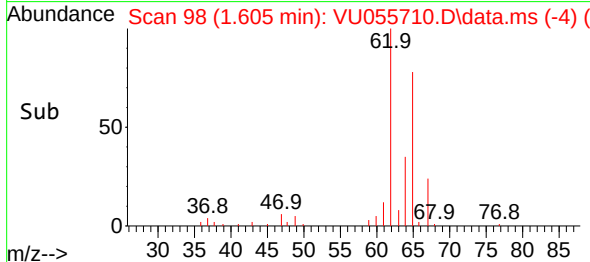
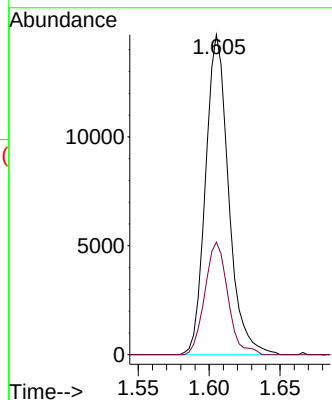
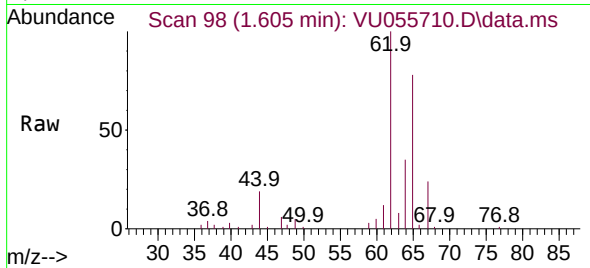




#5
 Vinyl chloride
 Concen: 4.273 ug/L
 RT: 1.605 min Scan# 97
 Delta R.T. 0.003 min
 Lab File: VU055710.D
 Acq: 10 Oct 2023 09:52

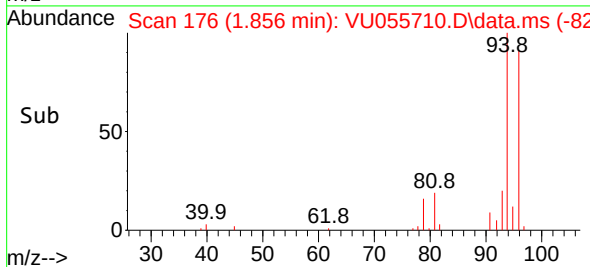
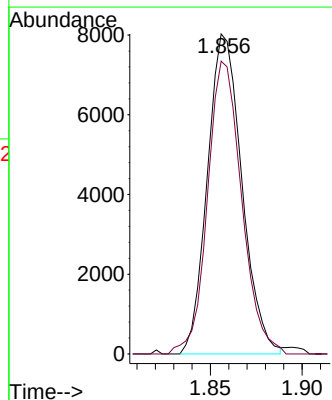
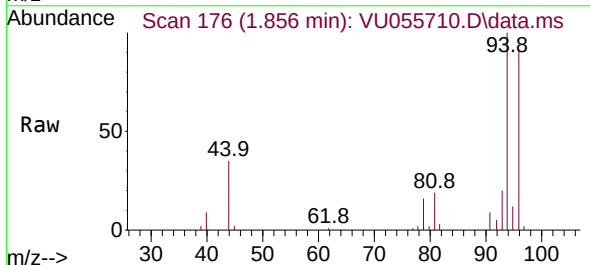
Instrument :
 MSVOA_U
 ClientSampleId :

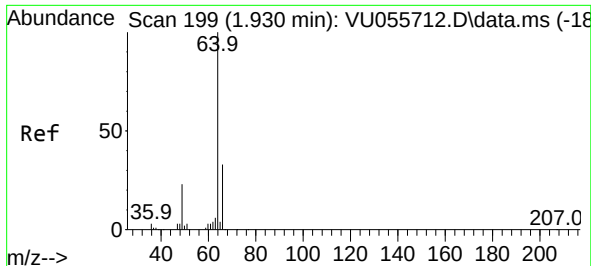
Tgt Ion: 62 Resp: 16627
 Ion Ratio Lower Upper
 62 100
 64 35.2 23.9 44.5



#6
 Bromomethane
 Concen: 4.357 ug/L
 RT: 1.856 min Scan# 176
 Delta R.T. 0.003 min
 Lab File: VU055710.D
 Acq: 10 Oct 2023 09:52

Tgt Ion: 94 Resp: 10487
 Ion Ratio Lower Upper
 94 100
 96 91.5 63.5 117.9

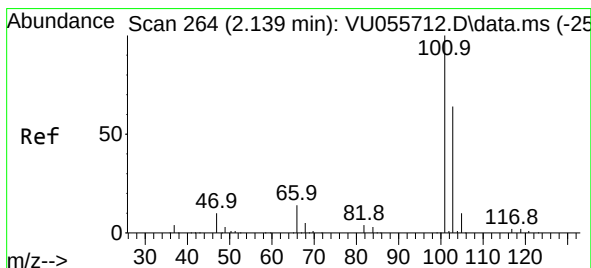
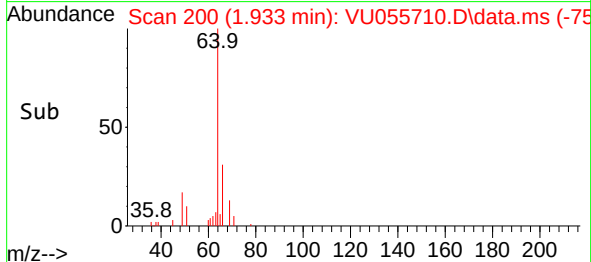
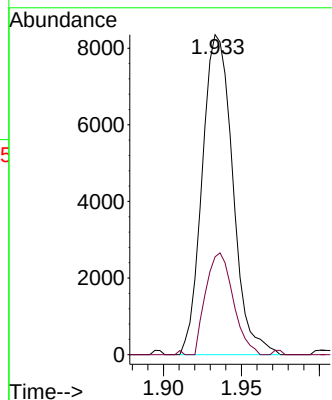
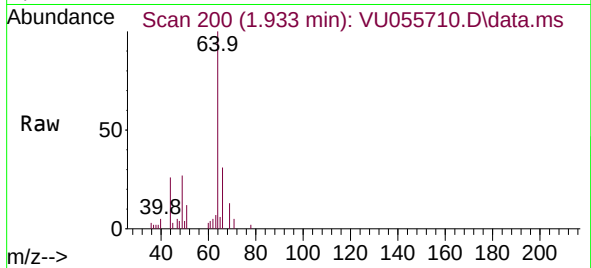




#8
Chloroethane
Concen: 4.266 ug/L
RT: 1.933 min Scan# 200
Delta R.T. 0.003 min
Lab File: VU055710.D
Acq: 10 Oct 2023 09:52

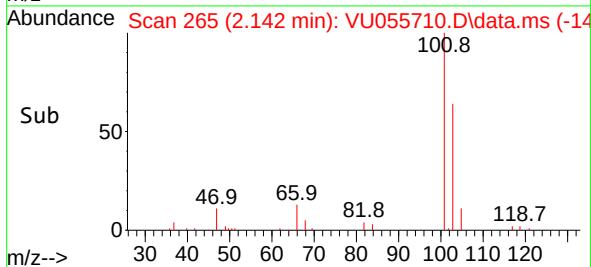
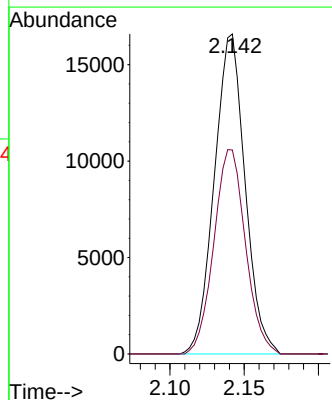
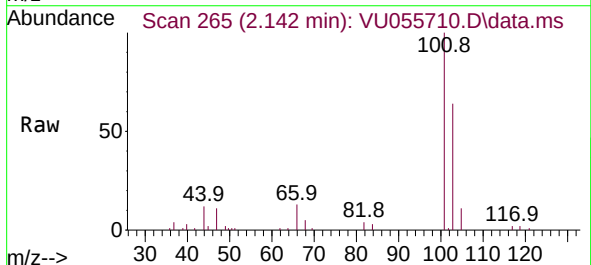
Instrument :
MSVOA_U
ClientSampleId :

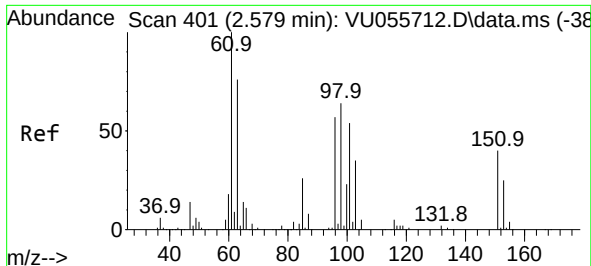
Tgt Ion: 64 Resp: 11389
Ion Ratio Lower Upper
64 100
66 30.6 22.9 42.5



#9
Trichlorofluoromethane
Concen: 3.906 ug/L
RT: 2.142 min Scan# 265
Delta R.T. 0.003 min
Lab File: VU055710.D
Acq: 10 Oct 2023 09:52

Tgt Ion:101 Resp: 23891
Ion Ratio Lower Upper
101 100
103 65.6 51.3 76.9

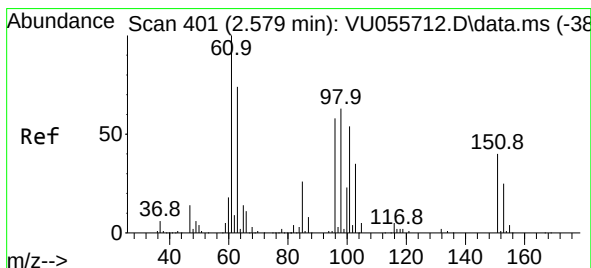
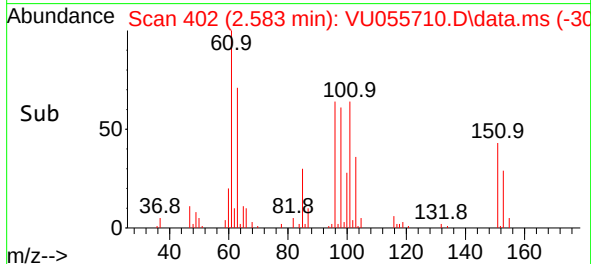
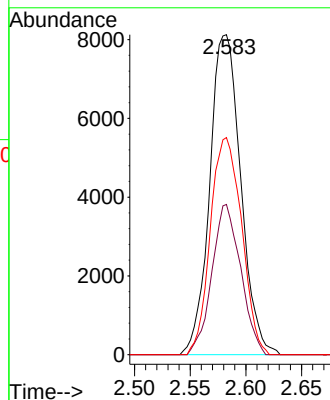
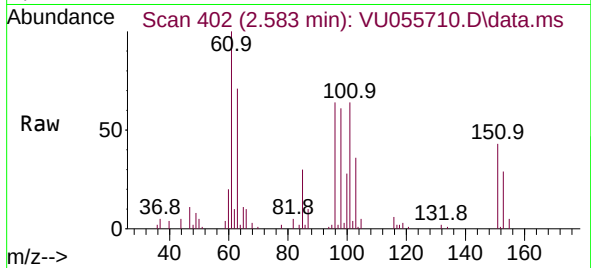




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 6.338 ug/L
 RT: 2.583 min Scan# 402
 Delta R.T. 0.003 min
 Lab File: VU055710.D
 Acq: 10 Oct 2023 09:52

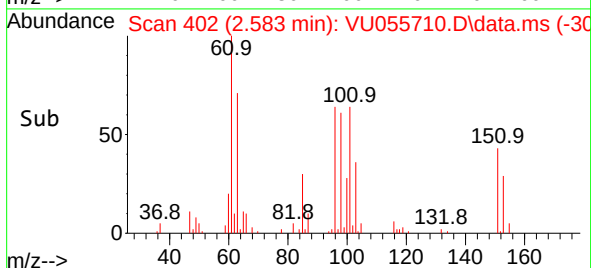
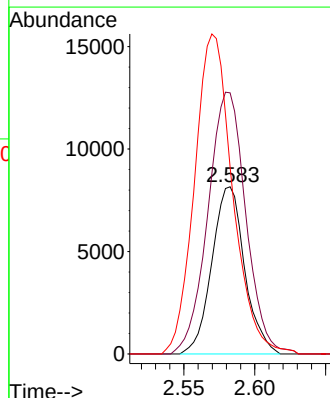
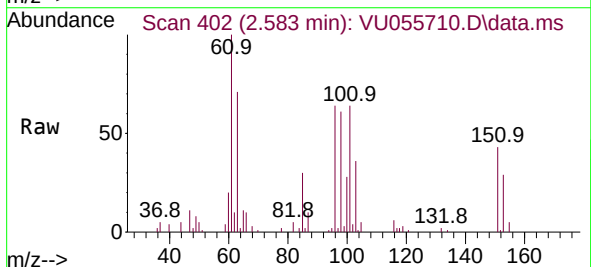
Instrument :
 MSVOA_U
 ClientSampleId :

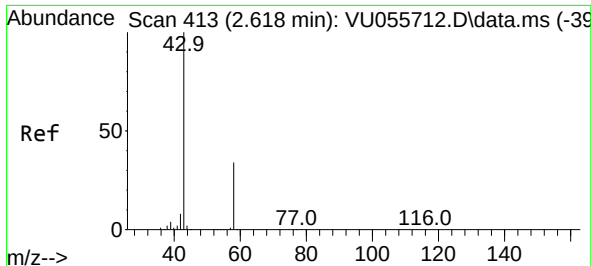
Tgt Ion:101 Resp: 15769
 Ion Ratio Lower Upper
 101 100
 85 43.5 37.1 55.7
 151 68.2 58.2 87.4



#12
 1,1-Dichloroethene
 Concen: 5.666 ug/L
 RT: 2.583 min Scan# 402
 Delta R.T. 0.003 min
 Lab File: VU055710.D
 Acq: 10 Oct 2023 09:52

Tgt Ion: 96 Resp: 13132
 Ion Ratio Lower Upper
 96 100
 61 156.2 122.0 226.6
 63 111.6 93.7 174.1





#13

Acetone

Concen: 13.925 ug/L

RT: 2.621 min Scan# 413

Delta R.T. 0.003 min

Lab File: VU055710.D

Acq: 10 Oct 2023 09:52

Instrument :

MSVOA_U

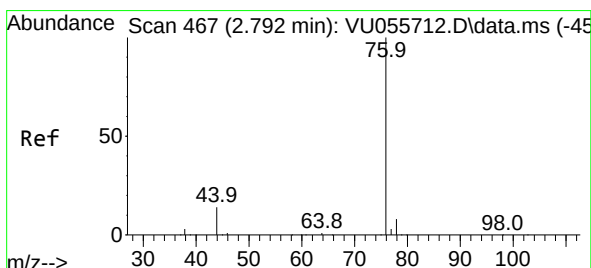
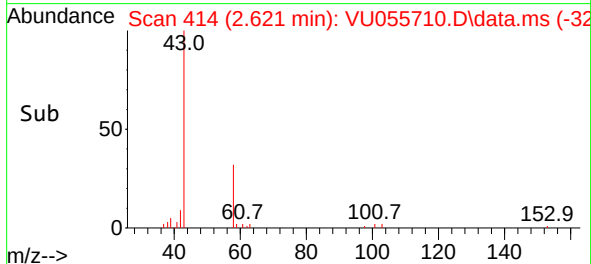
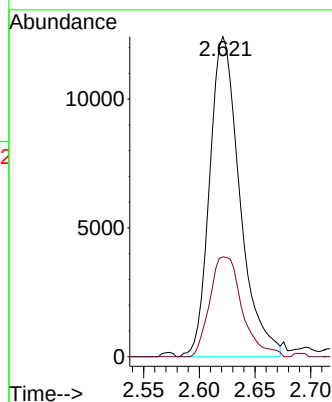
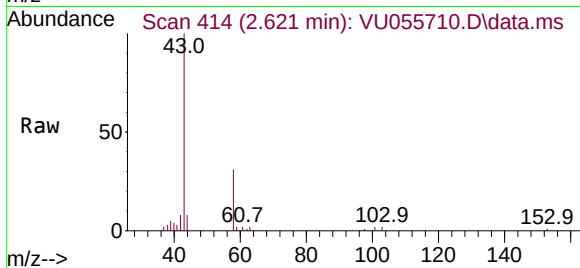
ClientSampleId :

Tgt Ion: 43 Resp: 23421

Ion Ratio Lower Upper

43 100

58 33.5 0.0 67.4



#14

Carbon disulfide

Concen: 6.111 ug/L

RT: 2.795 min Scan# 468

Delta R.T. 0.003 min

Lab File: VU055710.D

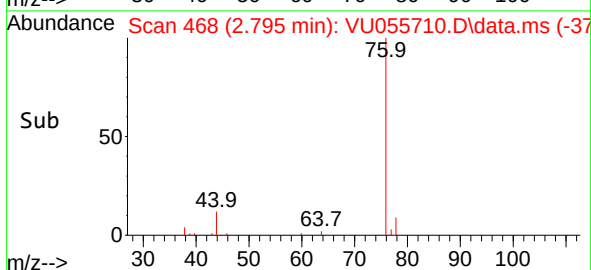
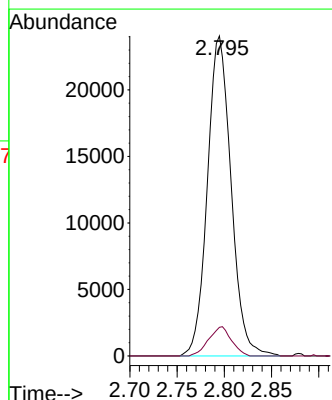
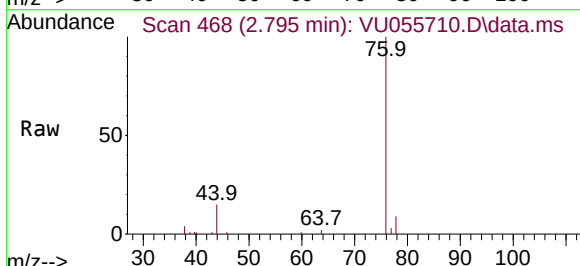
Acq: 10 Oct 2023 09:52

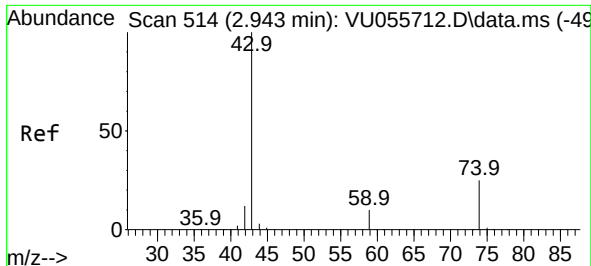
Tgt Ion: 76 Resp: 41927

Ion Ratio Lower Upper

76 100

78 8.9 6.8 10.2

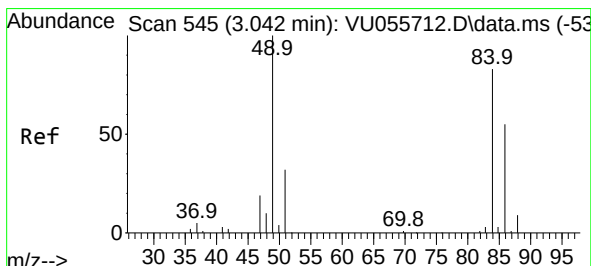
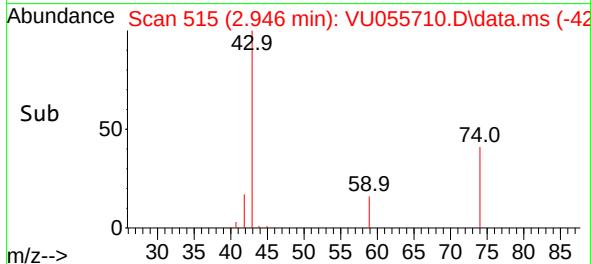
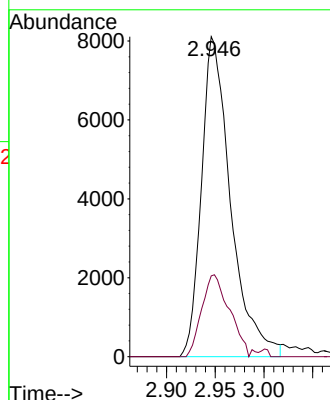
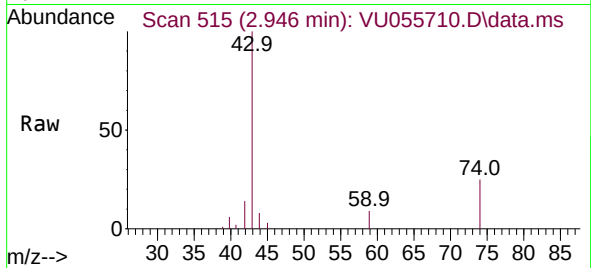




#15
Methyl Acetate
Concen: 6.194 ug/L
RT: 2.946 min Scan# 514
Delta R.T. 0.003 min
Lab File: VU055710.D
Acq: 10 Oct 2023 09:52

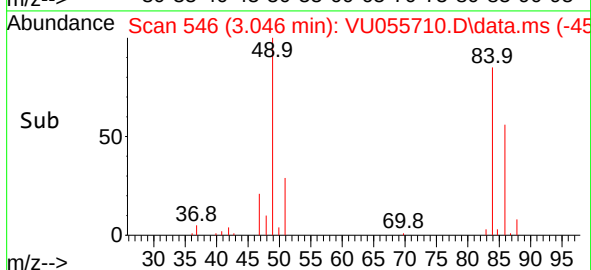
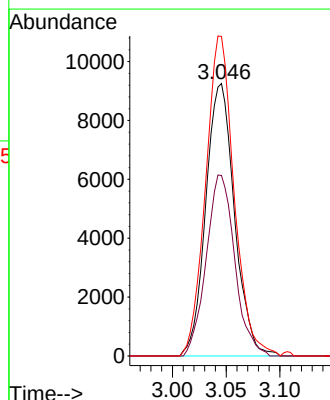
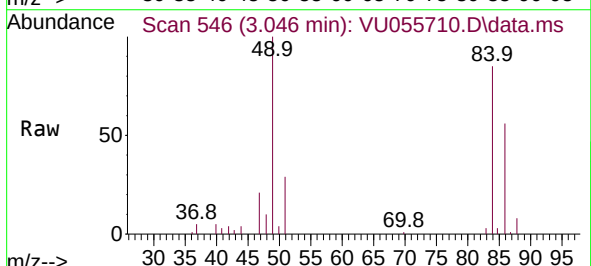
Instrument :
MSVOA_U
ClientSampleId :

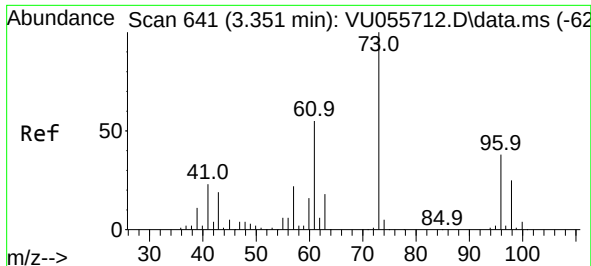
Tgt Ion: 43 Resp: 16908
Ion Ratio Lower Upper
43 100
74 24.3 19.5 29.3



#16
Methylene chloride
Concen: 6.127 ug/L
RT: 3.046 min Scan# 546
Delta R.T. 0.003 min
Lab File: VU055710.D
Acq: 10 Oct 2023 09:52

Tgt Ion: 84 Resp: 17192
Ion Ratio Lower Upper
84 100
86 64.2 46.3 86.1
49 113.6 84.8 157.6

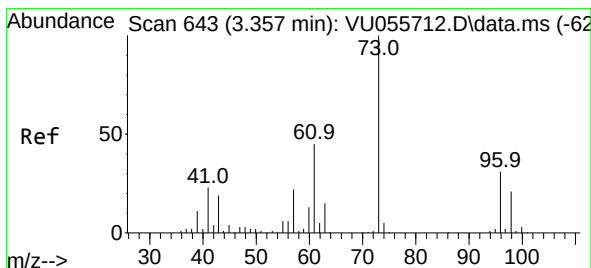
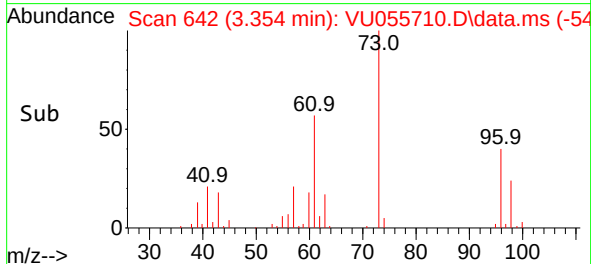
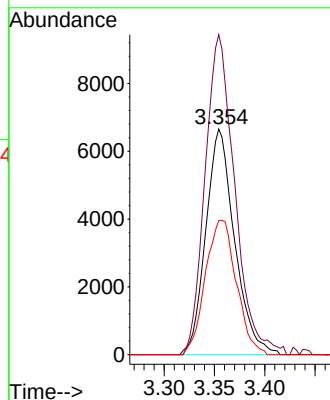
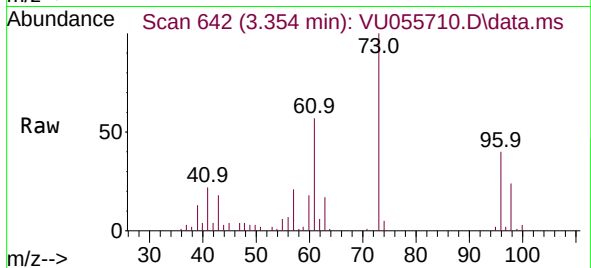




#17
trans-1,2-Dichloroethene
Concen: 5.522 ug/L
RT: 3.354 min Scan# 641
Delta R.T. 0.003 min
Lab File: VU055710.D
Acq: 10 Oct 2023 09:52

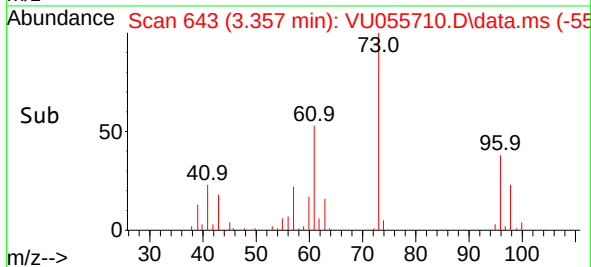
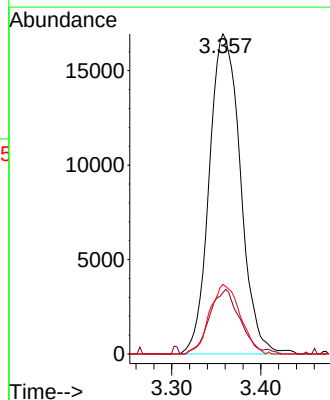
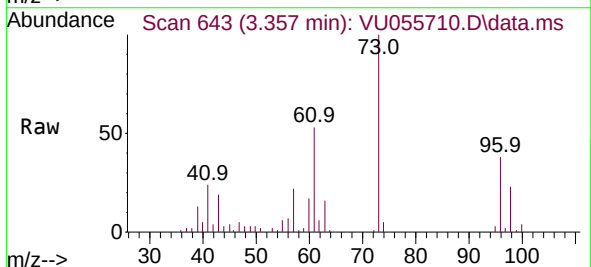
Instrument :
MSVOA_U
ClientSampleId :

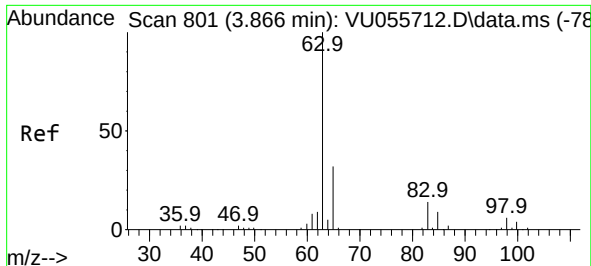
Tgt Ion: 96 Resp: 13264
Ion Ratio Lower Upper
96 100
61 141.8 102.1 189.7
98 59.4 46.3 86.1



#18
Methyl tert-butyl Ether
Concen: 5.001 ug/L
RT: 3.357 min Scan# 643
Delta R.T. -0.000 min
Lab File: VU055710.D
Acq: 10 Oct 2023 09:52

Tgt Ion: 73 Resp: 40990
Ion Ratio Lower Upper
73 100
43 19.7 15.4 23.2
57 21.4 17.7 26.5





#19

1,1-Dichloroethane

Concen: 6.132 ug/L

RT: 3.865 min Scan# 80

Delta R.T. -0.000 min

Lab File: VU055710.D

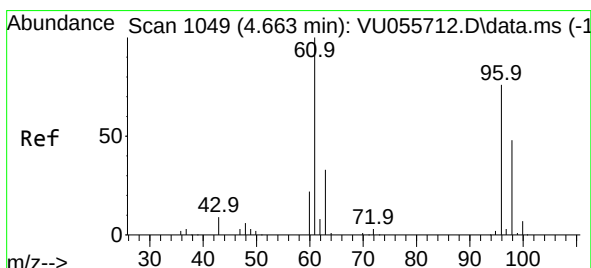
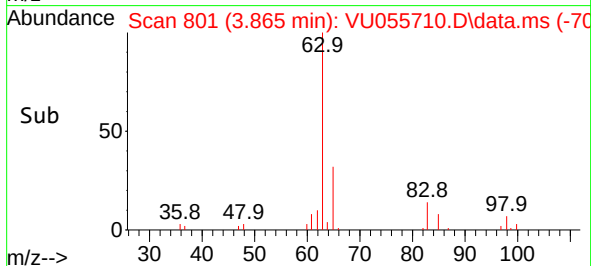
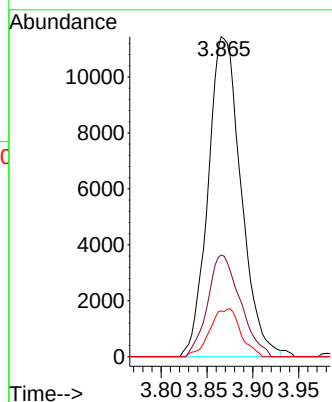
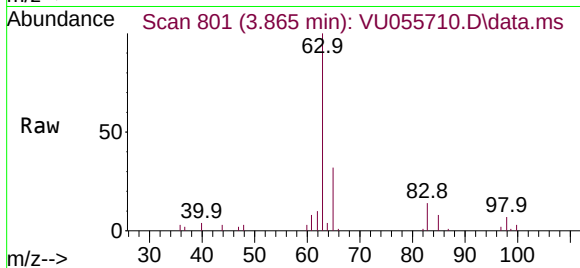
Acq: 10 Oct 2023 09:52

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	63	Resp:	28528
Ion	Ratio	Lower	Upper
63	100		
65	30.5	22.3	41.5
83	13.7	9.5	17.7



#20

cis-1,2-Dichloroethene

Concen: 5.008 ug/L

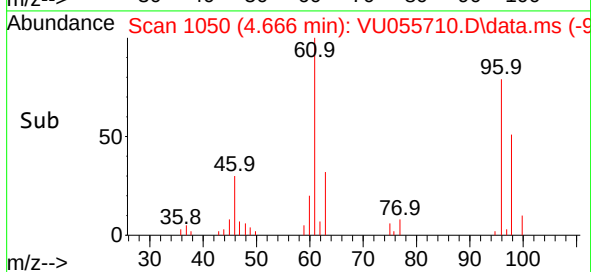
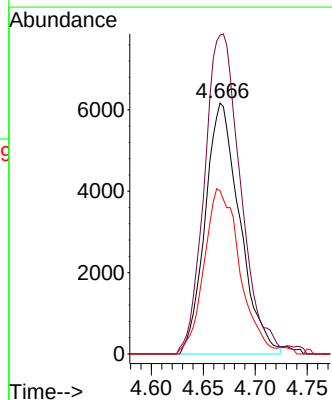
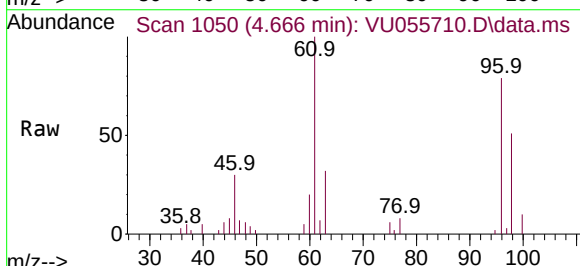
RT: 4.666 min Scan# 1050

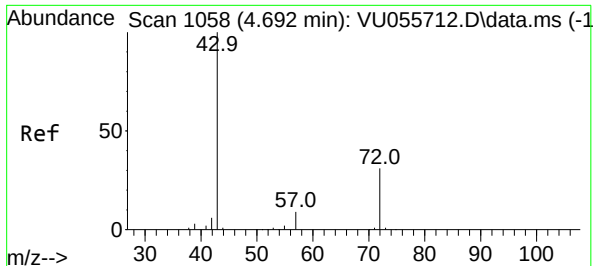
Delta R.T. 0.003 min

Lab File: VU055710.D

Acq: 10 Oct 2023 09:52

Tgt Ion:	96	Resp:	14244
Ion	Ratio	Lower	Upper
96	100		
61	127.1	92.3	171.5
98	65.0	43.9	81.5

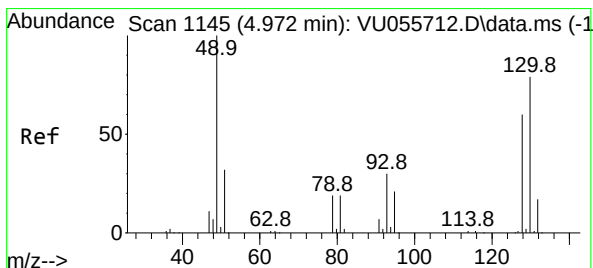
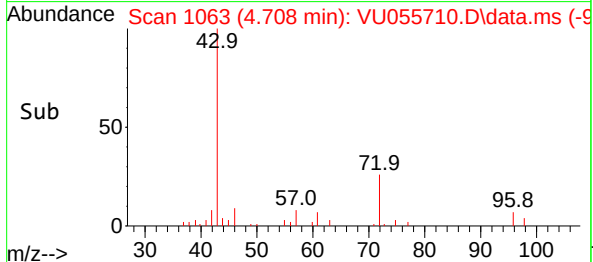
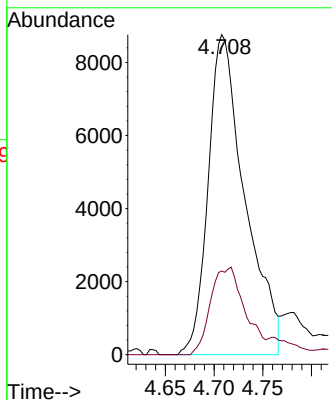
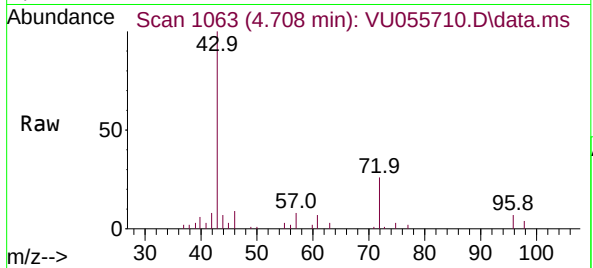




#22
2-Butanone
Concen: 10.231 ug/L
RT: 4.708 min Scan# 1063
Delta R.T. 0.016 min
Lab File: VU055710.D
Acq: 10 Oct 2023 09:52

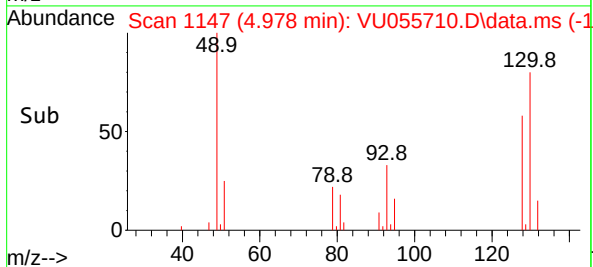
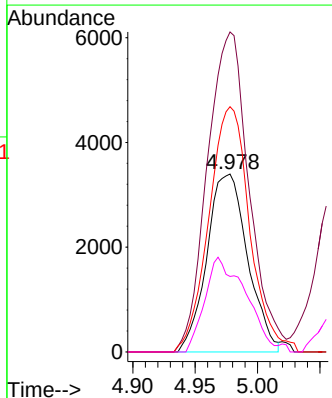
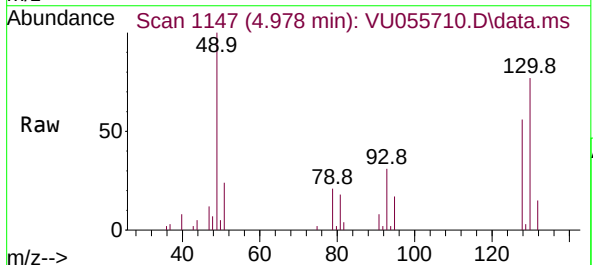
Instrument :
MSVOA_U
ClientSampleId :

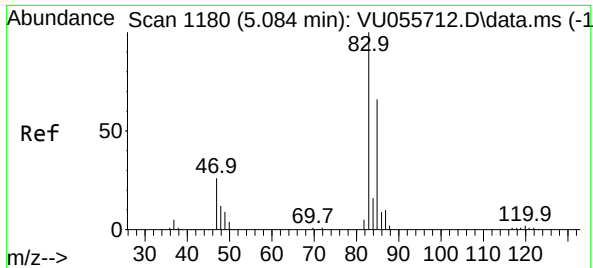
Tgt Ion: 43 Resp: 22962
Ion Ratio Lower Upper
43 100
72 11.6 14.6 44.0#



#23
Bromochloromethane
Concen: 5.321 ug/L
RT: 4.978 min Scan# 1147
Delta R.T. 0.006 min
Lab File: VU055710.D
Acq: 10 Oct 2023 09:52

Tgt Ion:128 Resp: 7743
Ion Ratio Lower Upper
128 100
49 170.7 116.3 216.1
130 130.8 91.6 170.0
51 40.3 43.1 64.7#





#25

Chloroform

Concen: 6.137 ug/L

RT: 5.087 min Scan# 11

Delta R.T. 0.003 min

Lab File: VU055710.D

Acq: 10 Oct 2023 09:52

Instrument :

MSVOA_U

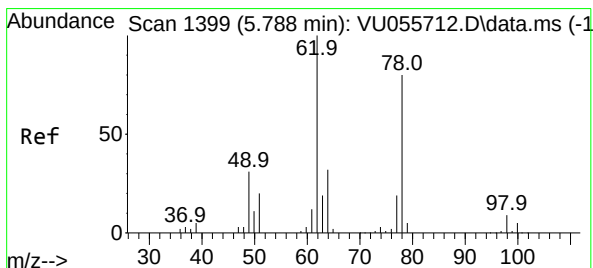
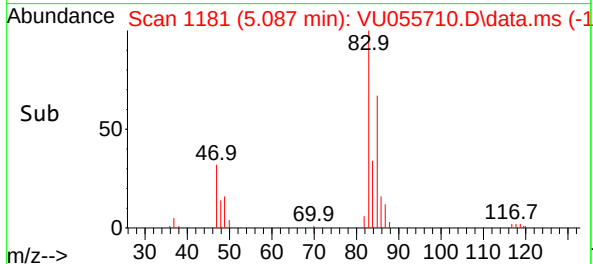
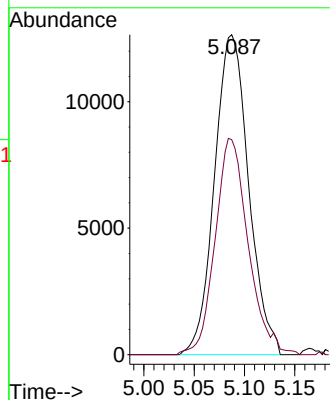
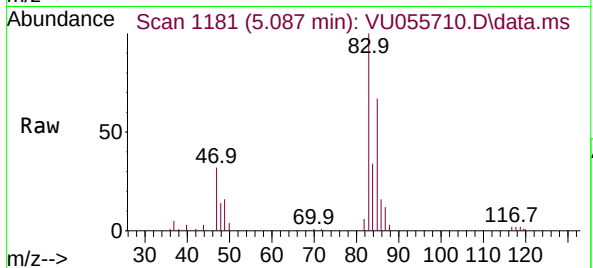
ClientSampleId :

Tgt Ion: 83 Resp: 29909

Ion Ratio Lower Upper

83 100

85 67.2 46.3 86.1



#27

1,2-Dichloroethane

Concen: 6.087 ug/L

RT: 5.795 min Scan# 1401

Delta R.T. 0.006 min

Lab File: VU055710.D

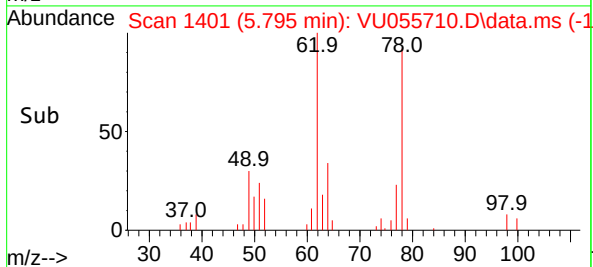
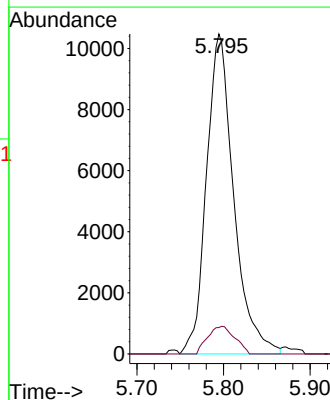
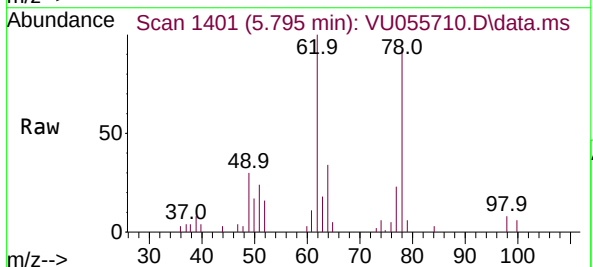
Acq: 10 Oct 2023 09:52

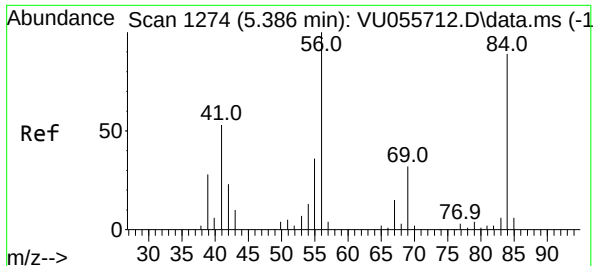
Tgt Ion: 62 Resp: 22913

Ion Ratio Lower Upper

62 100

98 8.3 7.2 10.8





#29

Cyclohexane

Concen: 4.479 ug/L

RT: 5.389 min Scan# 1275

Delta R.T. 0.003 min

Lab File: VU055710.D

Acq: 10 Oct 2023 09:52

Instrument :

MSVOA_U

ClientSampleId :

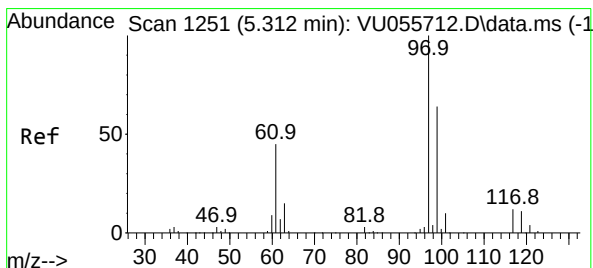
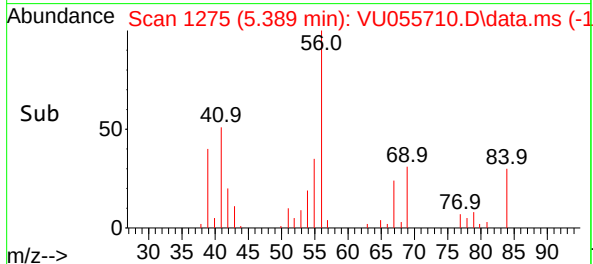
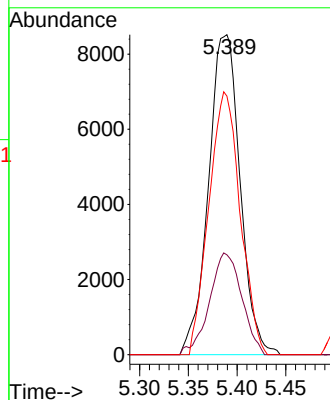
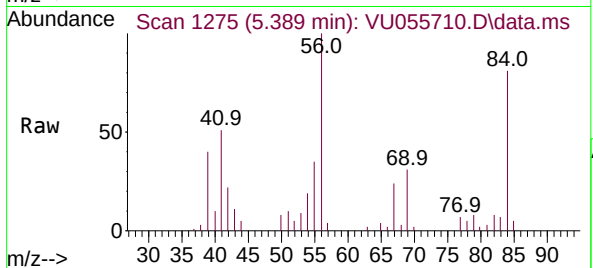
Tgt Ion: 56 Resp: 19231

Ion Ratio Lower Upper

56 100

69 31.8 24.9 37.3

84 81.5 70.7 106.1



#30

1,1,1-Trichloroethane

Concen: 5.688 ug/L

RT: 5.316 min Scan# 1252

Delta R.T. 0.003 min

Lab File: VU055710.D

Acq: 10 Oct 2023 09:52

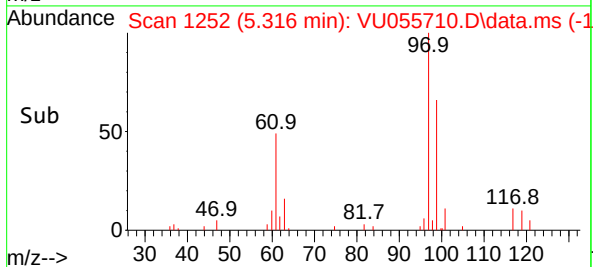
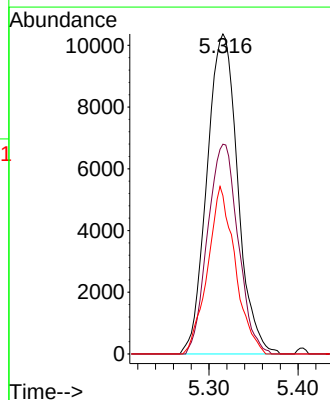
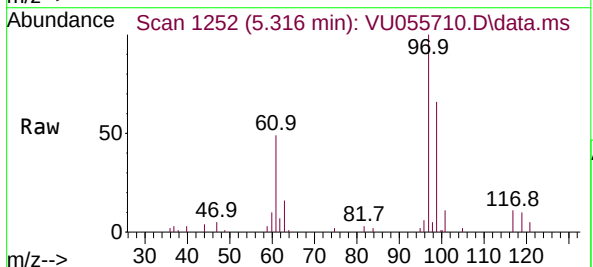
Tgt Ion: 97 Resp: 24929

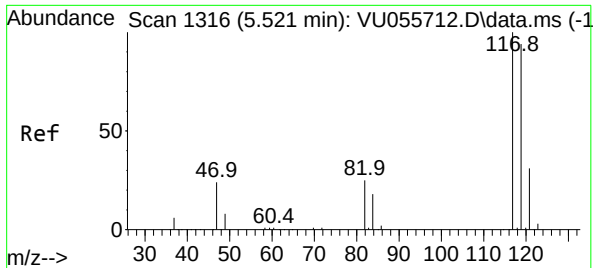
Ion Ratio Lower Upper

97 100

99 64.9 51.6 77.4

61 46.8 36.8 55.2

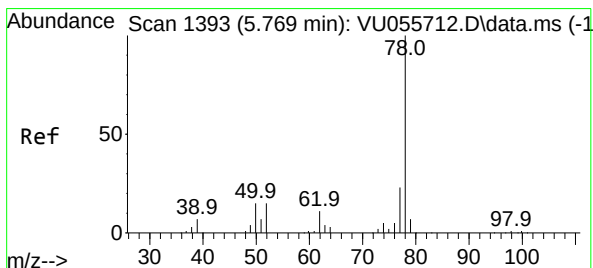
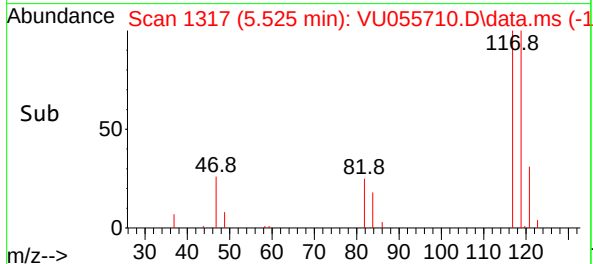
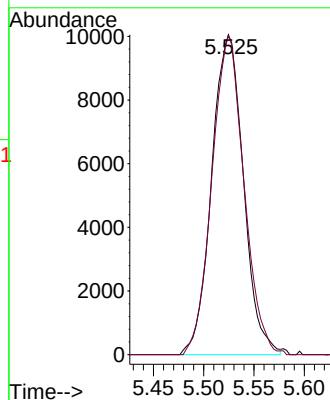
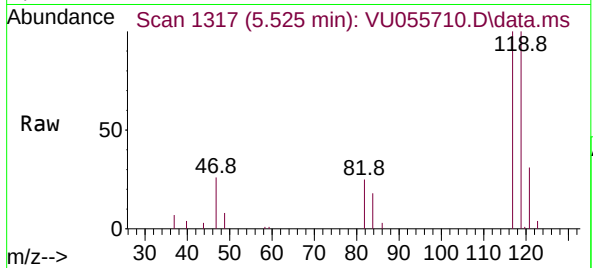




#31
Carbon tetrachloride
Concen: 5.828 ug/L
RT: 5.525 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU055710.D
Acq: 10 Oct 2023 09:52

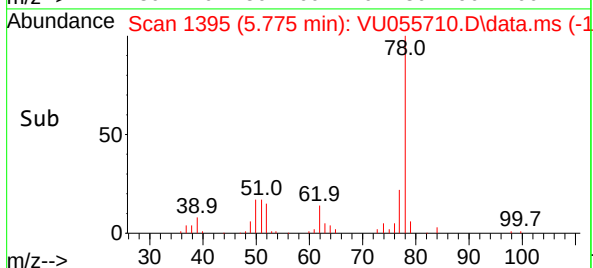
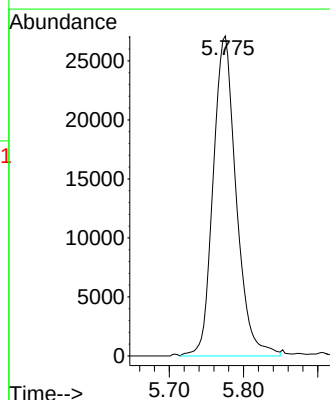
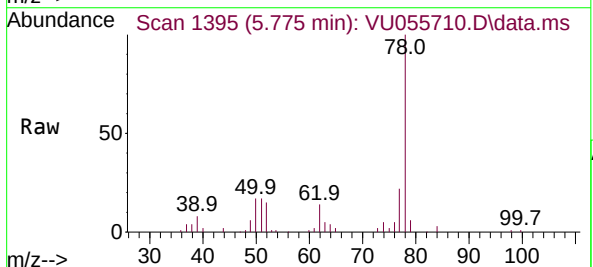
Instrument :
MSVOA_U
ClientSampleId :

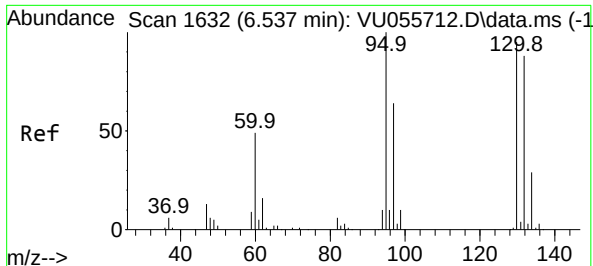
Tgt Ion:117 Resp: 22075
Ion Ratio Lower Upper
117 100
119 100.1 75.4 113.0



#33
Benzene
Concen: 5.212 ug/L
RT: 5.775 min Scan# 1395
Delta R.T. 0.006 min
Lab File: VU055710.D
Acq: 10 Oct 2023 09:52

Tgt Ion: 78 Resp: 58547

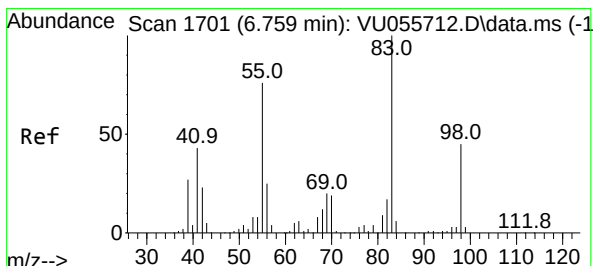
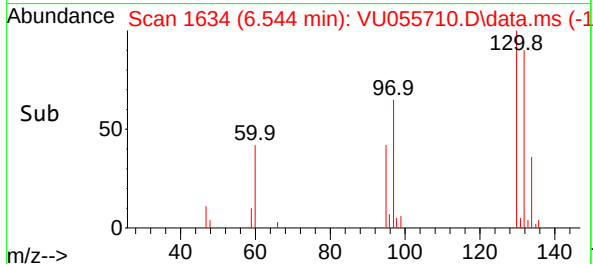
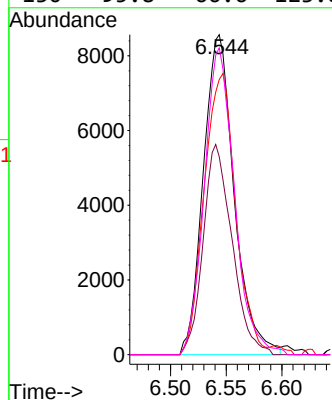
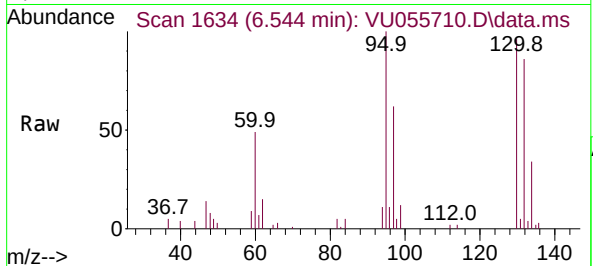




#34
Trichloroethene
Concen: 5.734 ug/L
RT: 6.544 min Scan# 1
Delta R.T. 0.006 min
Lab File: VU055710.D
Acq: 10 Oct 2023 09:52

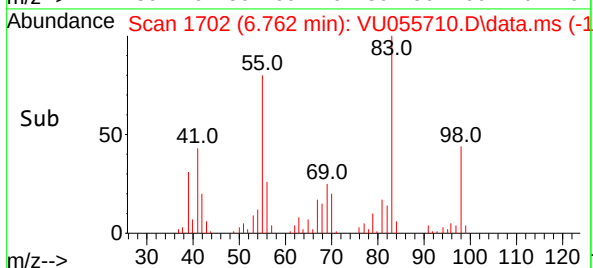
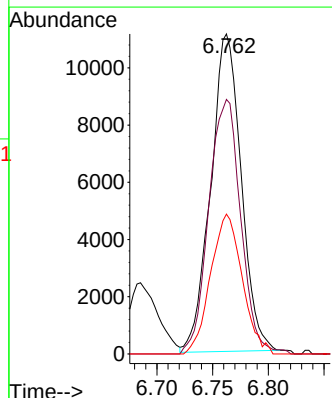
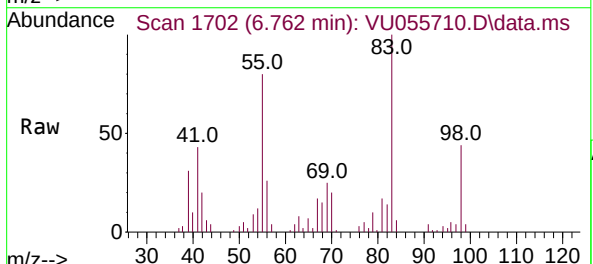
Instrument :
MSVOA_U
ClientSampleId :

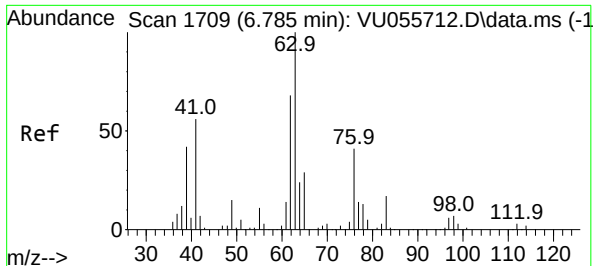
Tgt Ion: 95 Resp: 16539
Ion Ratio Lower Upper
95 100
97 66.7 44.4 82.5
132 86.0 61.8 114.8
130 95.8 66.6 123.8



#35
Methylcyclohexane
Concen: 4.570 ug/L
RT: 6.762 min Scan# 1702
Delta R.T. 0.003 min
Lab File: VU055710.D
Acq: 10 Oct 2023 09:52

Tgt Ion: 83 Resp: 21118
Ion Ratio Lower Upper
83 100
55 83.7 61.2 91.8
98 45.1 35.8 53.6





#37

1,2-Dichloropropane

Concen: 5.177 ug/L

RT: 6.791 min Scan# 1

Delta R.T. 0.006 min

Lab File: VU055710.D

Acq: 10 Oct 2023 09:52

Instrument :

MSVOA_U

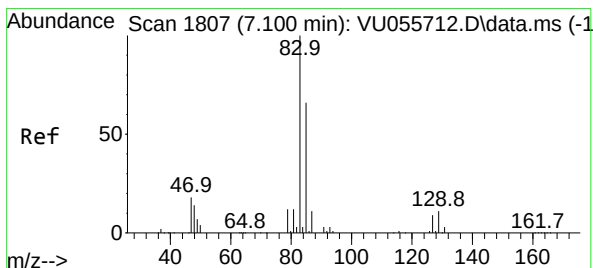
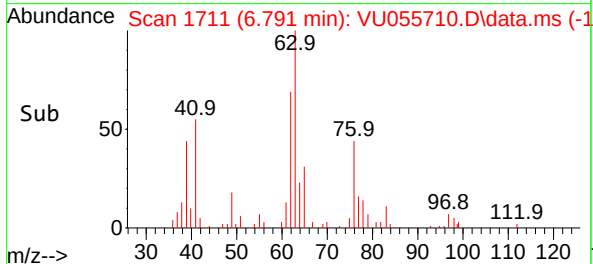
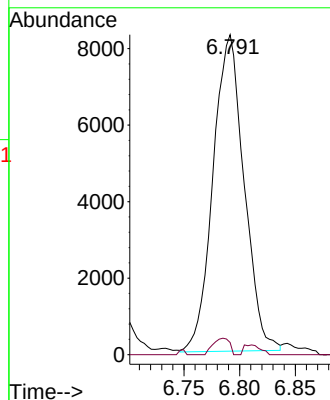
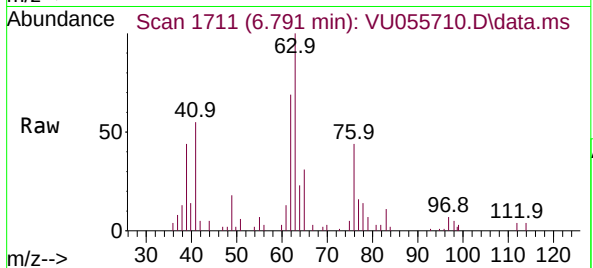
ClientSampleId :

Tgt Ion: 63 Resp: 16047

Ion Ratio Lower Upper

63 100

112 2.8 3.0 4.4#



#38

Bromodichloromethane

Concen: 5.522 ug/L

RT: 7.103 min Scan# 1808

Delta R.T. 0.003 min

Lab File: VU055710.D

Acq: 10 Oct 2023 09:52

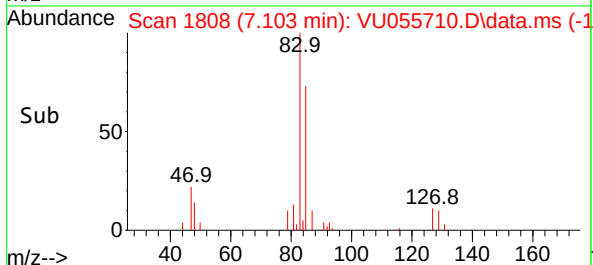
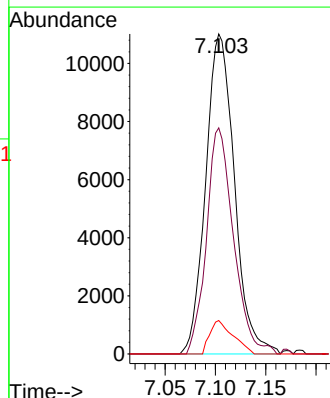
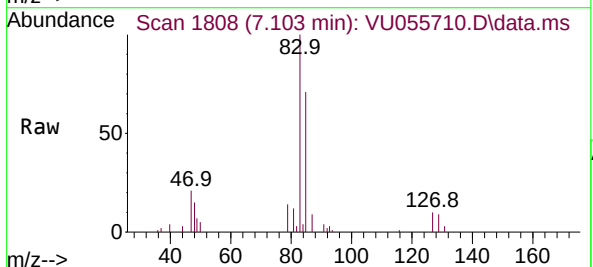
Tgt Ion: 83 Resp: 21903

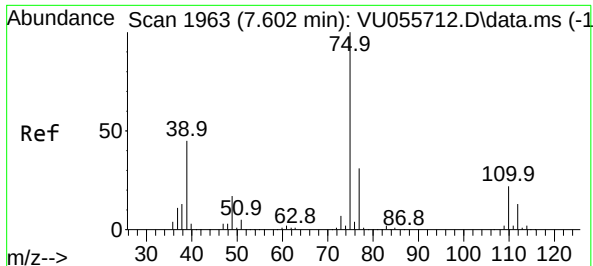
Ion Ratio Lower Upper

83 100

85 70.7 46.0 85.4

127 10.4 7.0 10.4#





#39

cis-1,3-Dichloropropene

Concen: 4.599 ug/L

RT: 7.608 min Scan# 1963

Delta R.T. 0.006 min

Lab File: VU055710.D

Acq: 10 Oct 2023 09:52

Instrument :

MSVOA_U

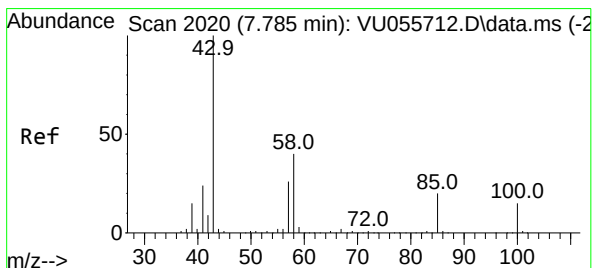
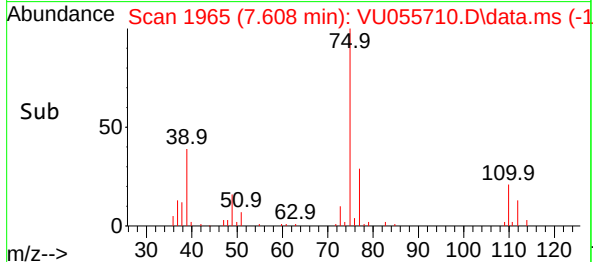
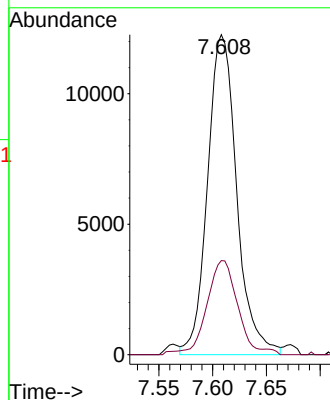
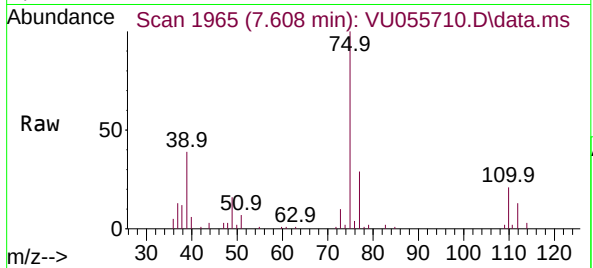
ClientSampleId :

Tgt Ion: 75 Resp: 23158

Ion Ratio Lower Upper

75 100

77 29.4 21.7 40.3



#40

4-Methyl-2-pentanone

Concen: 8.464 ug/L

RT: 7.791 min Scan# 2022

Delta R.T. 0.006 min

Lab File: VU055710.D

Acq: 10 Oct 2023 09:52

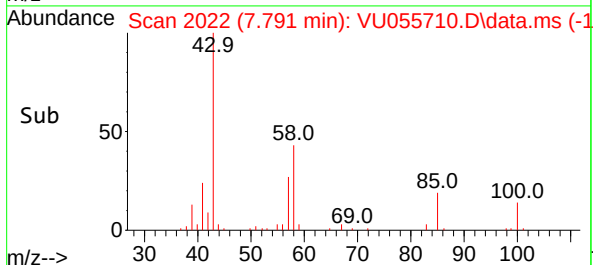
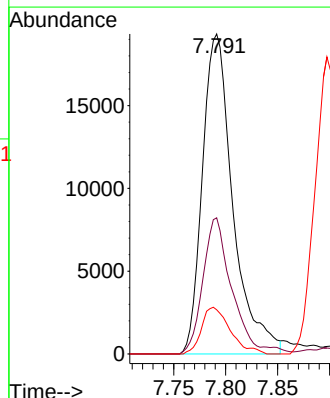
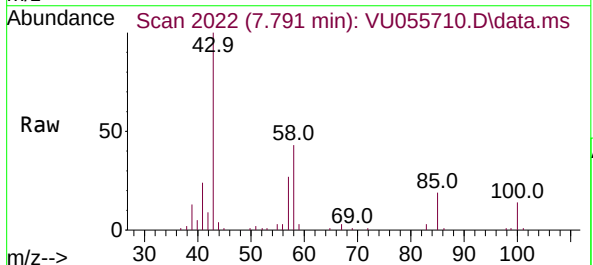
Tgt Ion: 43 Resp: 39461

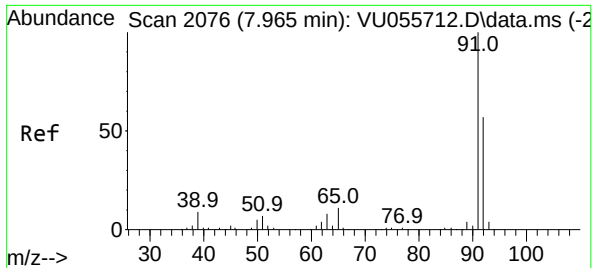
Ion Ratio Lower Upper

43 100

58 39.0 32.3 48.5

100 13.1 12.0 18.0





#42

Toluene

Concen: 4.601 ug/L

RT: 7.968 min Scan# 2076

Delta R.T. 0.003 min

Lab File: VU055710.D

Acq: 10 Oct 2023 09:52

Instrument :

MSVOA_U

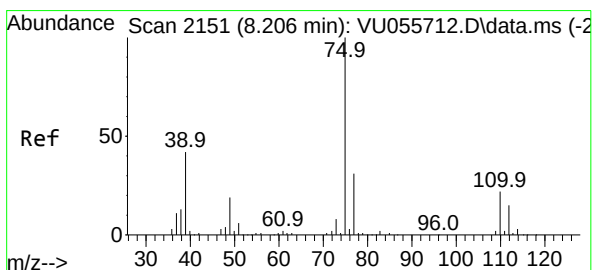
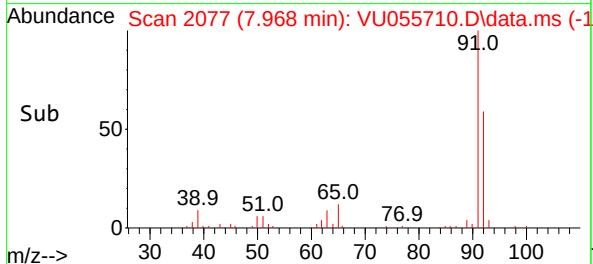
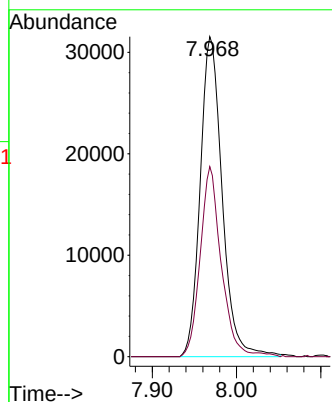
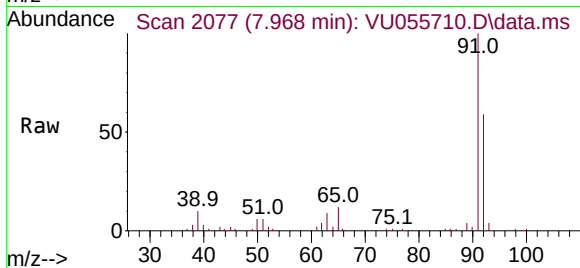
ClientSampleId :

Tgt Ion: 91 Resp: 57317

Ion Ratio Lower Upper

91 100

92 59.4 40.0 74.4



#44

trans-1,3-Dichloropropene

Concen: 4.370 ug/L

RT: 8.213 min Scan# 2153

Delta R.T. 0.006 min

Lab File: VU055710.D

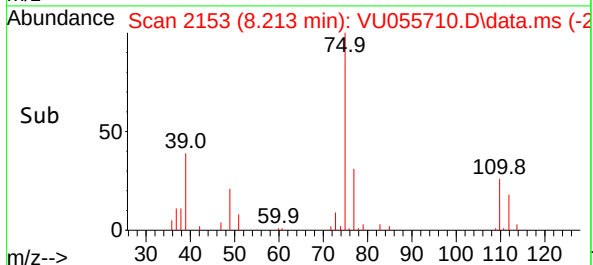
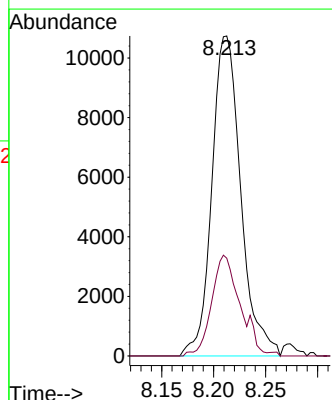
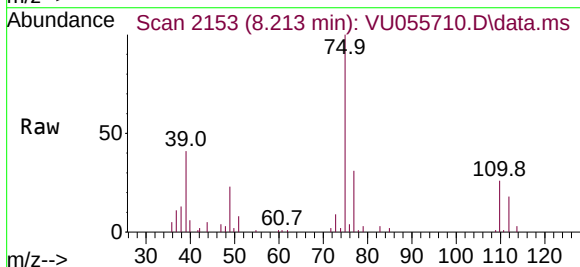
Acq: 10 Oct 2023 09:52

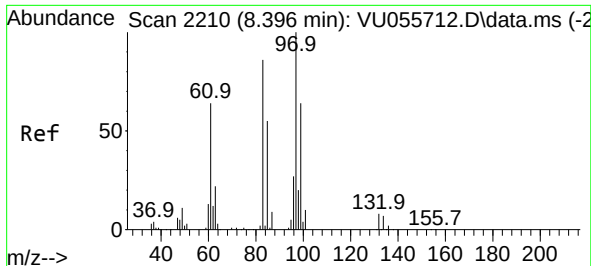
Tgt Ion: 75 Resp: 20764

Ion Ratio Lower Upper

75 100

77 30.6 21.6 40.2

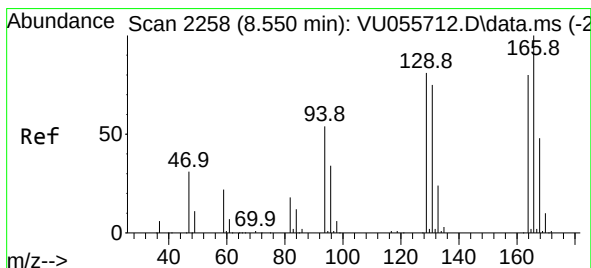
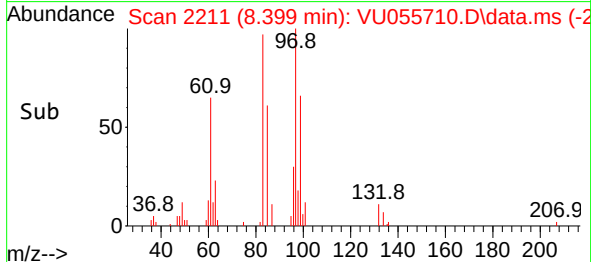
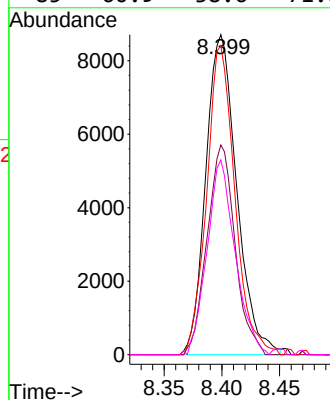
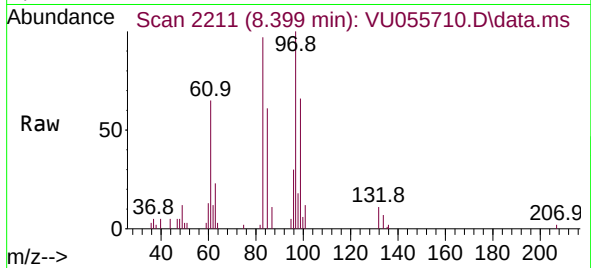




#45
1,1,2-Trichloroethane
Concen: 5.191 ug/L
RT: 8.399 min Scan# 211
Delta R.T. 0.003 min
Lab File: VU055710.D
Acq: 10 Oct 2023 09:52

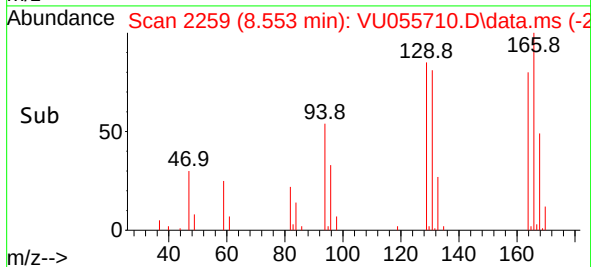
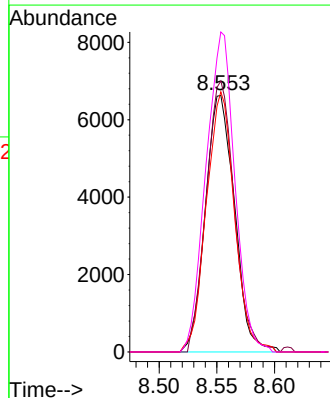
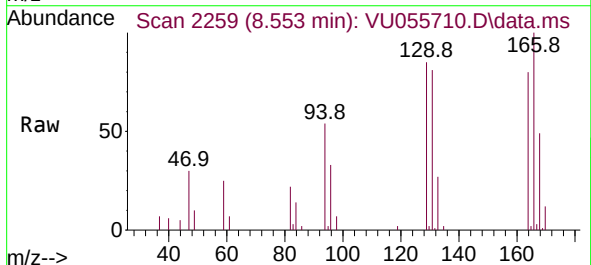
Instrument :
MSVOA_U
ClientSampleId :

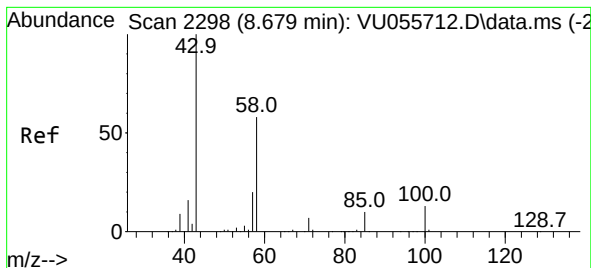
Tgt Ion: 97	Resp: 16229
Ion Ratio	Lower Upper
97 100	
99 65.6	44.4 82.5
83 96.5	60.4 112.2
85 60.9	38.6 71.8



#46
Tetrachloroethene
Concen: 5.328 ug/L
RT: 8.553 min Scan# 2259
Delta R.T. 0.003 min
Lab File: VU055710.D
Acq: 10 Oct 2023 09:52

Tgt	Ion:164	Resp:	11626
Ion	Ratio	Lower	Upper
164	100		
129	108.6	70.7	131.3
131	103.2	65.9	122.5
166	124.6	87.8	163.0





#48

2-Hexanone

Concen: 7.583 ug/L

RT: 8.685 min Scan# 21

Delta R.T. 0.006 min

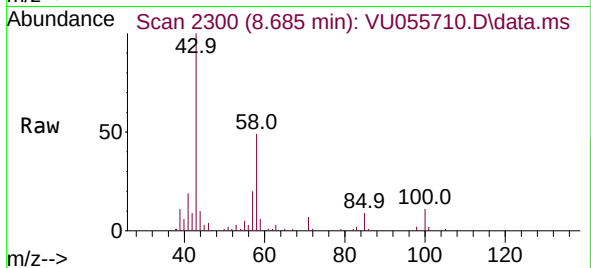
Lab File: VU055710.D

Acq: 10 Oct 2023 09:52

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion: 43 Resp: 29585

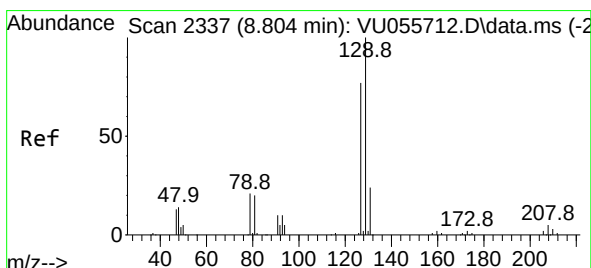
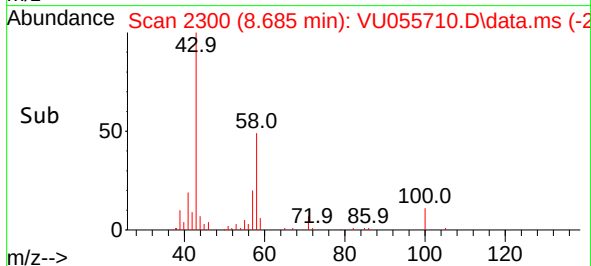
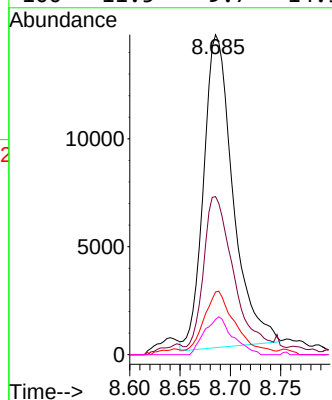
Ion Ratio Lower Upper

43 100

58 53.3 45.2 67.8

57 21.9 16.1 24.1

100 11.5 9.7 14.5



#49

Dibromochloromethane

Concen: 5.101 ug/L

RT: 8.811 min Scan# 2339

Delta R.T. 0.006 min

Lab File: VU055710.D

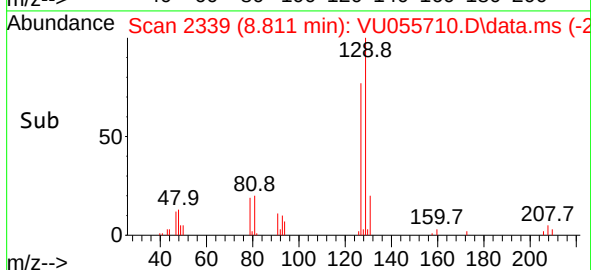
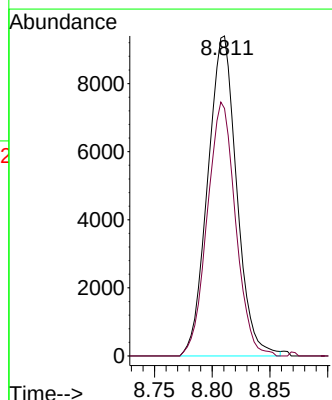
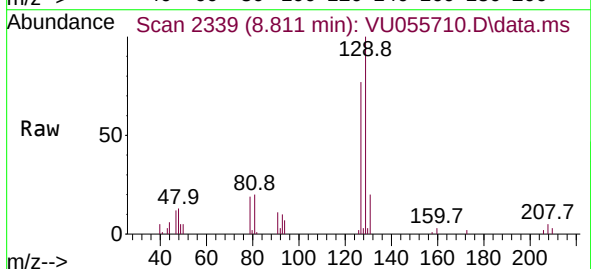
Acq: 10 Oct 2023 09:52

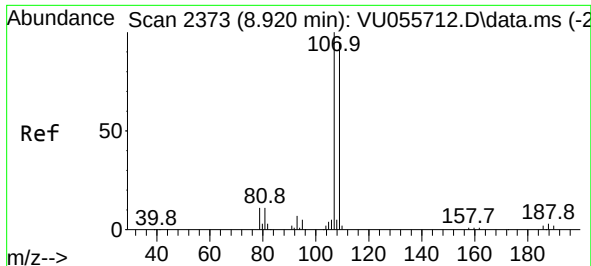
Tgt Ion: 129 Resp: 16410

Ion Ratio Lower Upper

129 100

127 75.3 54.0 100.4





#50

1,2-Dibromoethane

Concen: 5.164 ug/L

RT: 8.923 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU055710.D

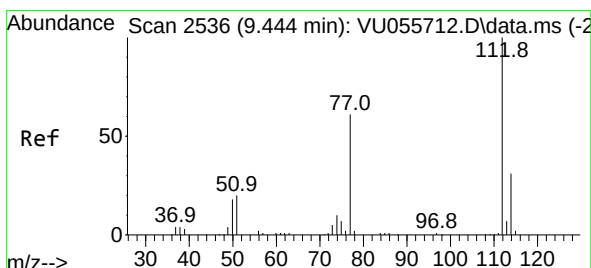
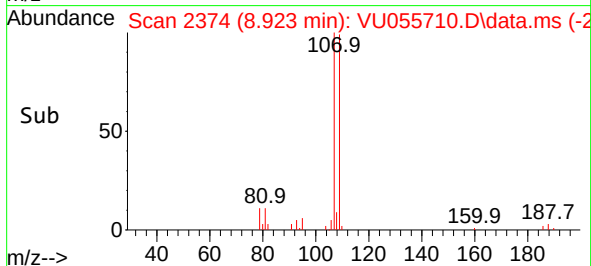
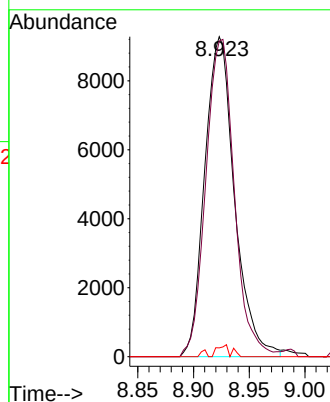
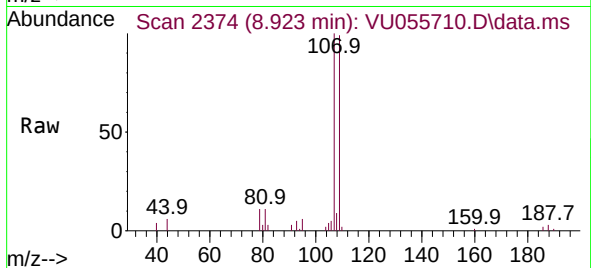
Acq: 10 Oct 2023 09:52

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	107	Resp:	17306
Ion	Ratio	Lower	Upper
107	100		
109	98.6	66.7	123.9
188	2.7	2.6	4.0



#51

Chlorobenzene

Concen: 5.044 ug/L

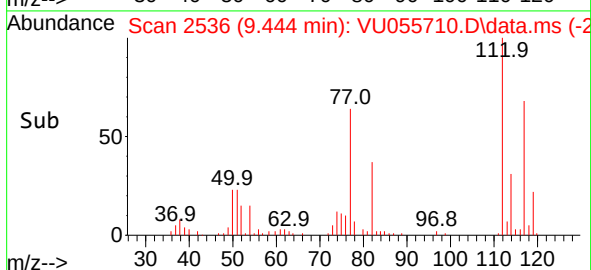
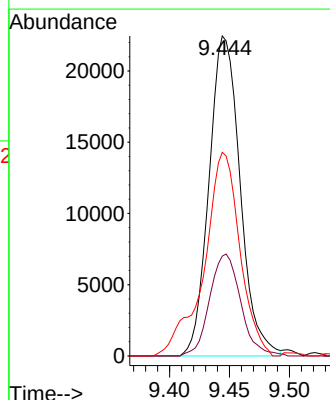
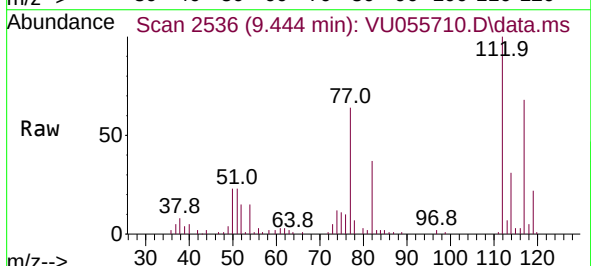
RT: 9.444 min Scan# 2536

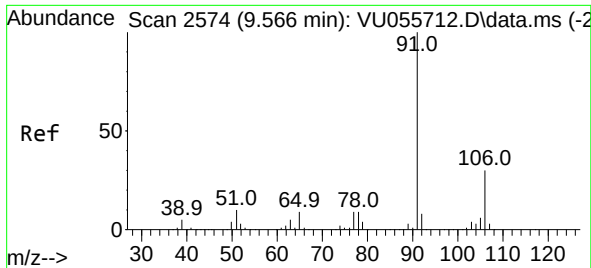
Delta R.T. -0.000 min

Lab File: VU055710.D

Acq: 10 Oct 2023 09:52

Tgt Ion:	112	Resp:	40494
Ion	Ratio	Lower	Upper
112	100		
114	31.2	22.0	40.8
77	63.6	49.0	73.6

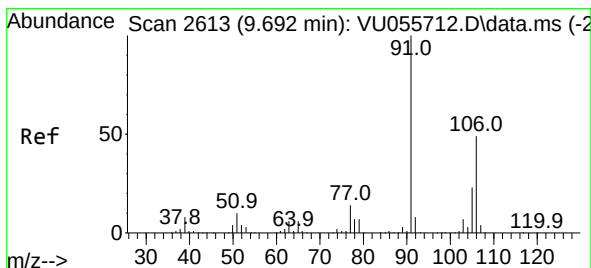
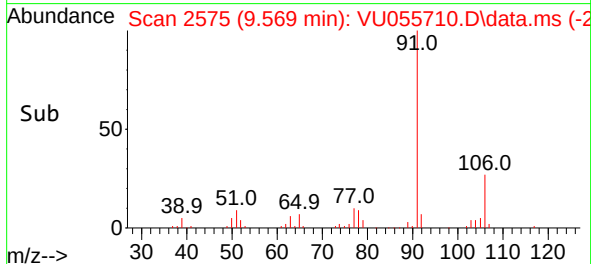
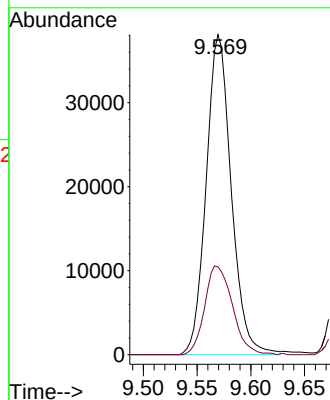
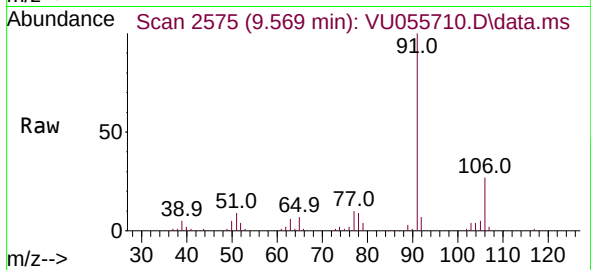




#52
Ethylbenzene
Concen: 4.361 ug/L
RT: 9.569 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU055710.D
Acq: 10 Oct 2023 09:52

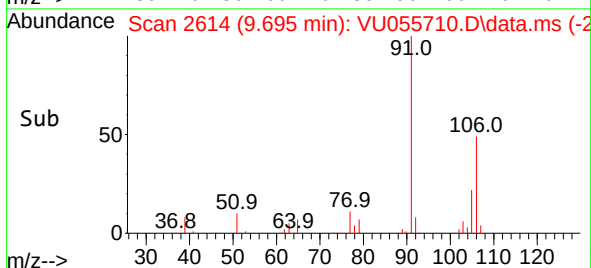
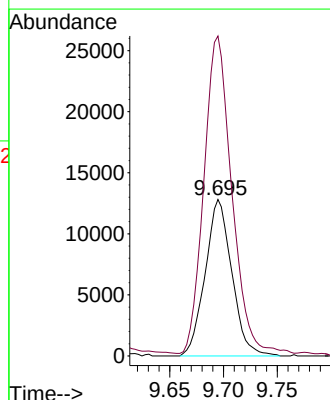
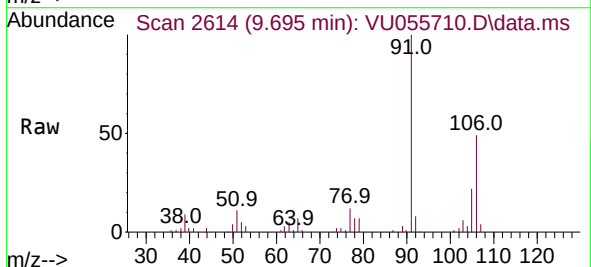
Instrument :
MSVOA_U
ClientSampleId :

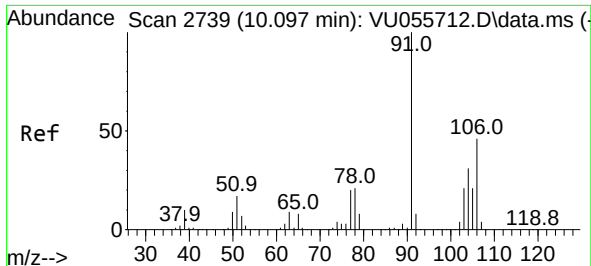
Tgt Ion: 91 Resp: 61922
Ion Ratio Lower Upper
91 100
106 29.7 21.2 39.4



#53
m,p-Xylene
Concen: 4.083 ug/L
RT: 9.695 min Scan# 2614
Delta R.T. 0.003 min
Lab File: VU055710.D
Acq: 10 Oct 2023 09:52

Tgt Ion: 106 Resp: 22090
Ion Ratio Lower Upper
106 100
91 204.5 143.8 267.0

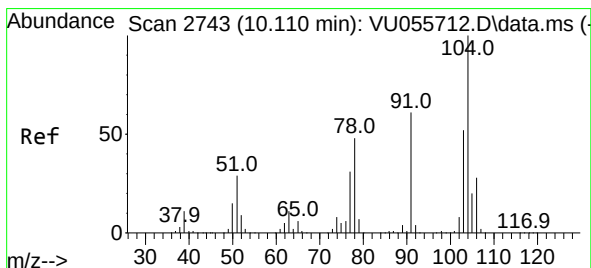
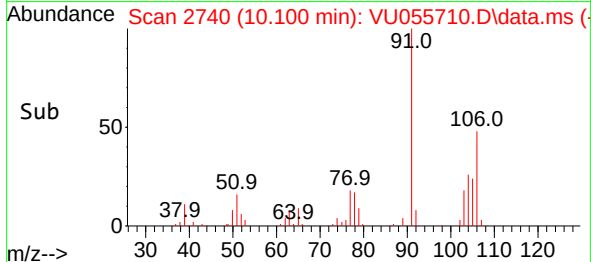
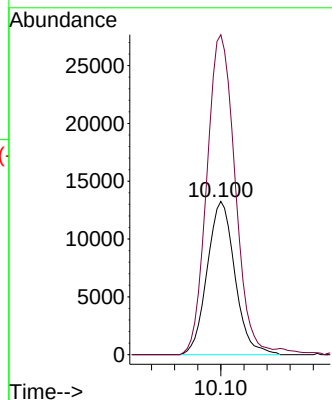
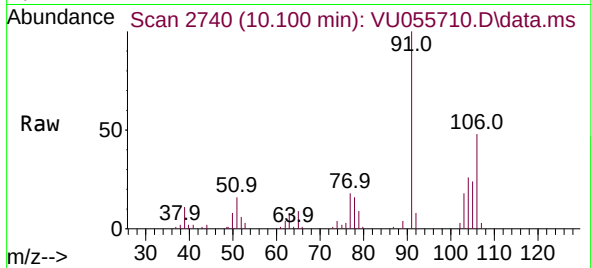




#54
o-Xylene
Concen: 4.052 ug/L
RT: 10.100 min Scan# 2739
Delta R.T. 0.003 min
Lab File: VU055710.D
Acq: 10 Oct 2023 09:52

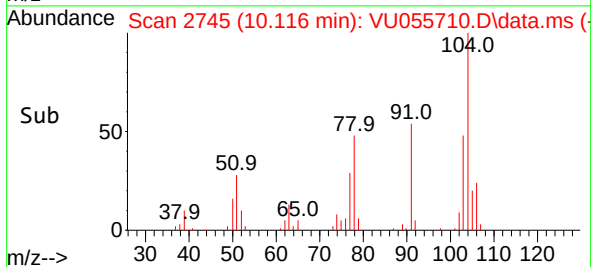
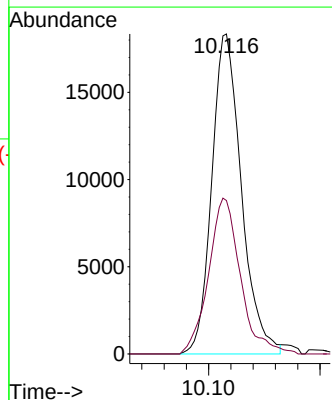
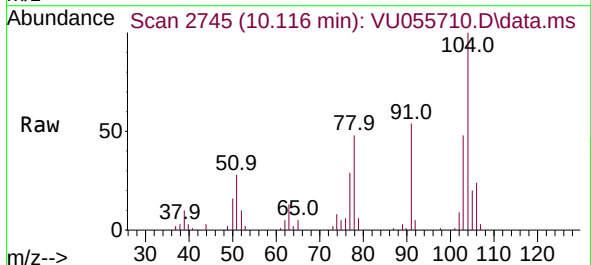
Instrument :
MSVOA_U
ClientSampleId :

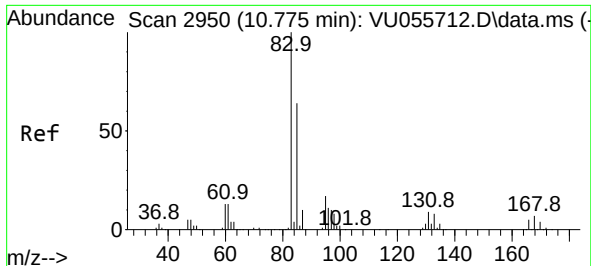
Tgt Ion:106 Resp: 22110
Ion Ratio Lower Upper
106 100
91 208.8 151.8 282.0



#55
Styrene
Concen: 3.572 ug/L
RT: 10.116 min Scan# 2745
Delta R.T. 0.006 min
Lab File: VU055710.D
Acq: 10 Oct 2023 09:52

Tgt Ion:104 Resp: 33904
Ion Ratio Lower Upper
104 100
78 48.0 33.6 62.4





#57

1,1,2,2-Tetrachloroethane

Concen: 4.366 ug/L

RT: 10.778 min Scan# 2950

Delta R.T. 0.003 min

Lab File: VU055710.D

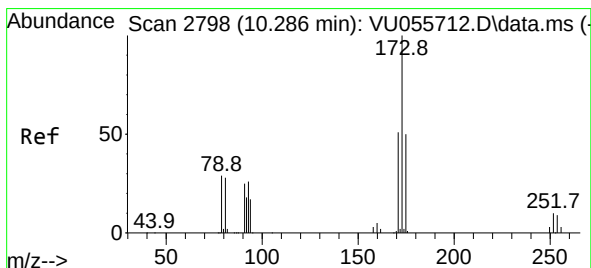
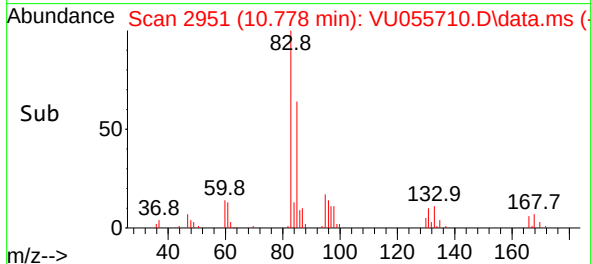
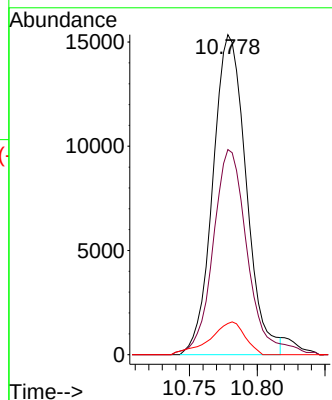
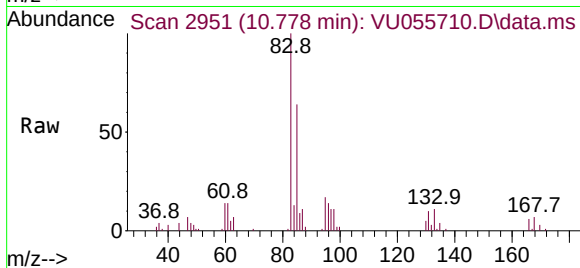
Acq: 10 Oct 2023 09:52

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 83	Resp: 26196
Ion Ratio	Lower Upper
83 100	
85 64.1	44.9 83.5
131 9.7	7.3 10.9



#59

Bromoform

Concen: 5.081 ug/L

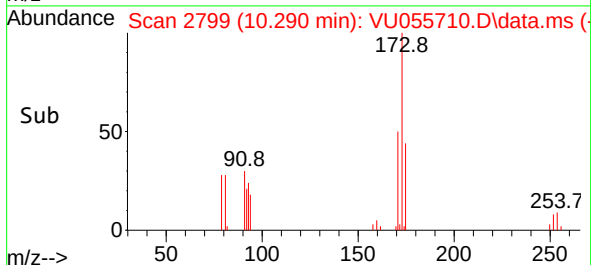
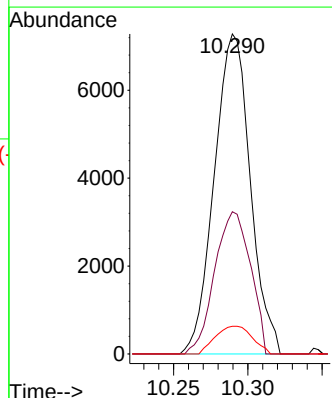
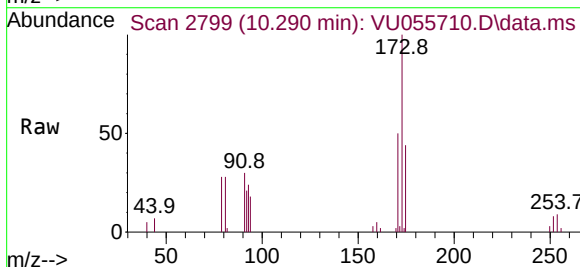
RT: 10.290 min Scan# 2799

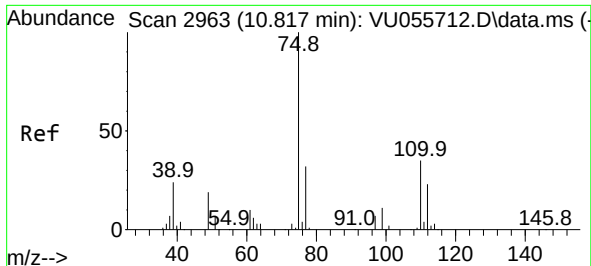
Delta R.T. 0.003 min

Lab File: VU055710.D

Acq: 10 Oct 2023 09:52

Tgt Ion: 173	Resp: 12288
Ion Ratio	Lower Upper
173 100	
175 44.1	40.4 60.6
254 8.9	7.3 10.9

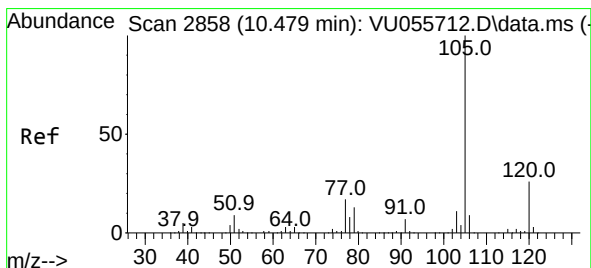
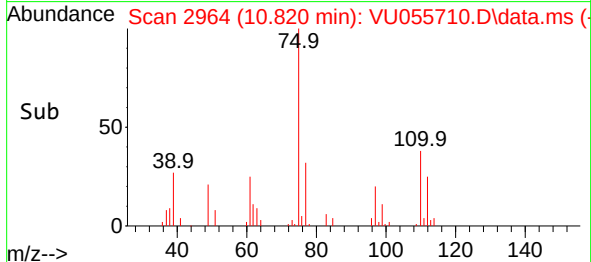
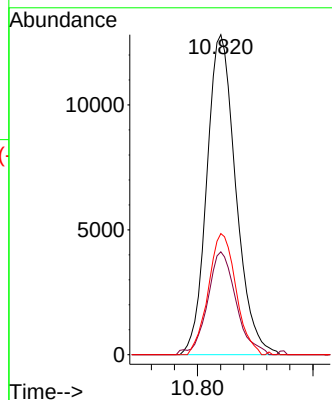
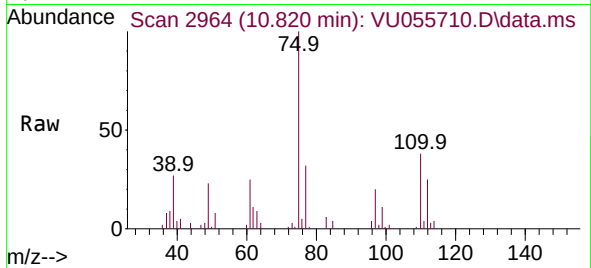




#60
1,2,3-Trichloropropane
Concen: 5.794 ug/L
RT: 10.820 min Scan# 2964
Delta R.T. 0.003 min
Lab File: VU055710.D
Acq: 10 Oct 2023 09:52

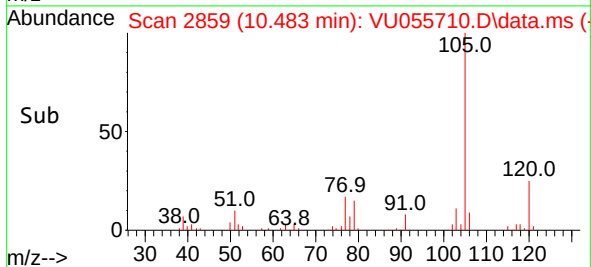
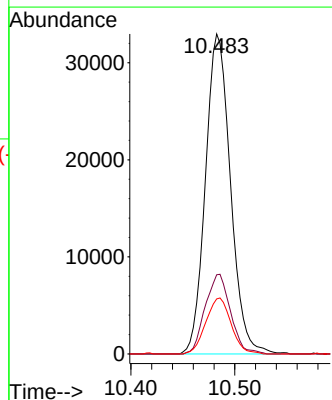
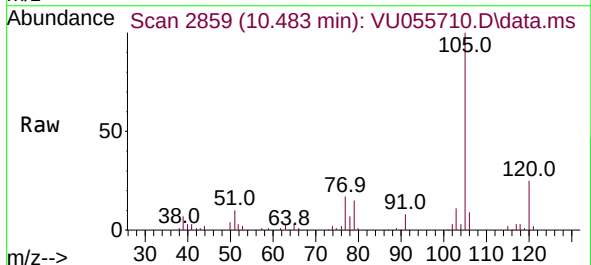
Instrument :
MSVOA_U
ClientSampleId :

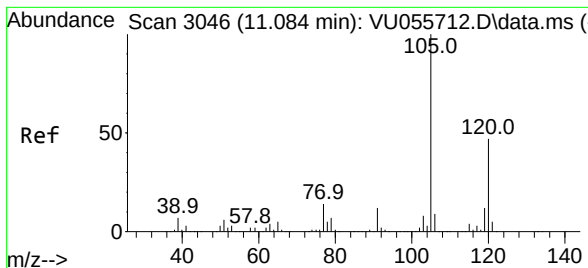
Tgt Ion: 75 Resp: 22360
Ion Ratio Lower Upper
75 100
77 31.1 25.8 38.8
110 36.0 28.5 42.7



#61
Isopropylbenzene
Concen: 4.323 ug/L
RT: 10.483 min Scan# 2859
Delta R.T. 0.003 min
Lab File: VU055710.D
Acq: 10 Oct 2023 09:52

Tgt Ion: 105 Resp: 55171
Ion Ratio Lower Upper
105 100
120 25.2 20.6 30.8
77 17.7 13.4 20.0





#62

1,3,5-Trimethylbenzene

Concen: 3.730 ug/L

RT: 11.087 min Scan# 3046

Delta R.T. 0.003 min

Lab File: VU055710.D

Acq: 10 Oct 2023 09:52

Instrument :

MSVOA_U

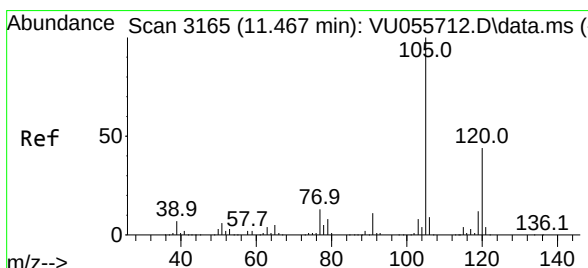
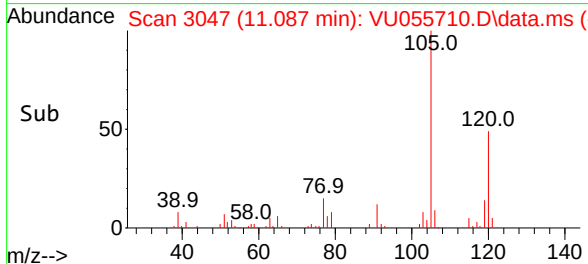
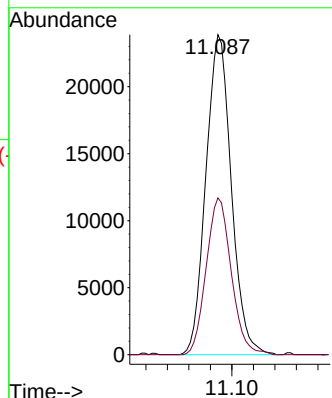
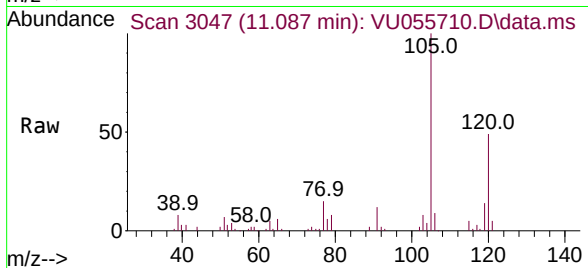
ClientSampleId :

Tgt Ion:105 Resp: 39150

Ion Ratio Lower Upper

105 100

120 48.3 37.7 56.5



#63

1,2,4-Trimethylbenzene

Concen: 3.610 ug/L

RT: 11.470 min Scan# 3166

Delta R.T. 0.003 min

Lab File: VU055710.D

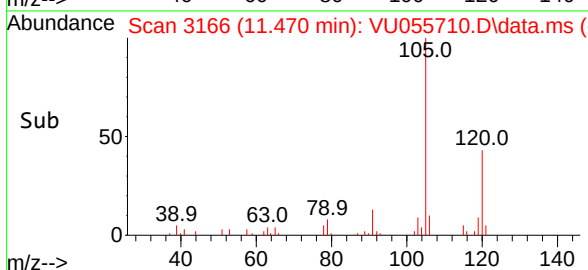
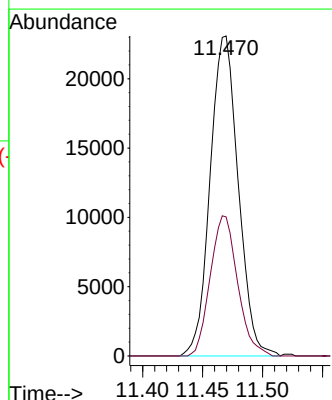
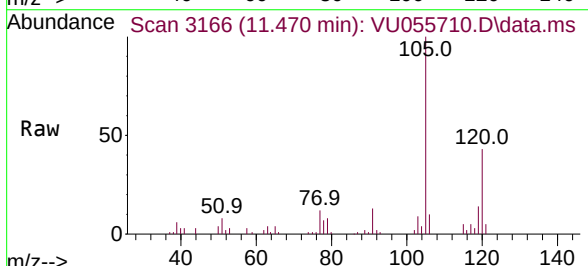
Acq: 10 Oct 2023 09:52

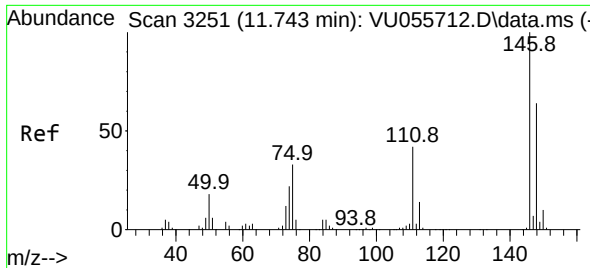
Tgt Ion:105 Resp: 37627

Ion Ratio Lower Upper

105 100

120 42.6 35.0 52.4

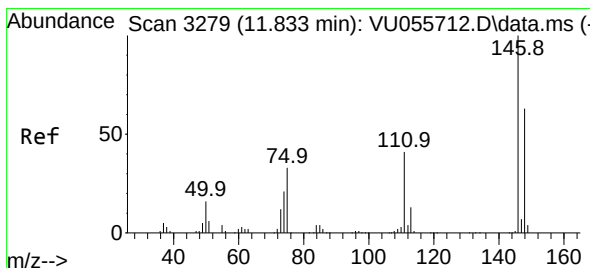
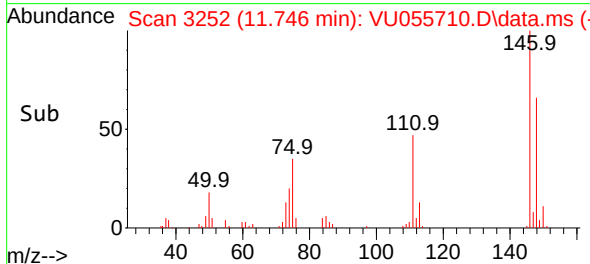
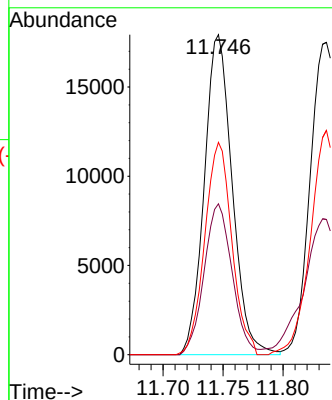
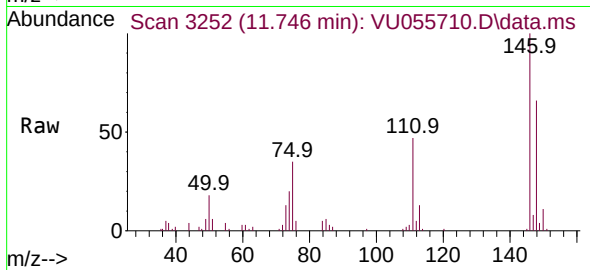




#64
1,3-Dichlorobenzene
Concen: 4.870 ug/L
RT: 11.746 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU055710.D
Acq: 10 Oct 2023 09:52

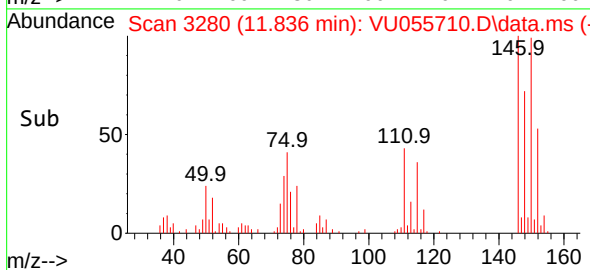
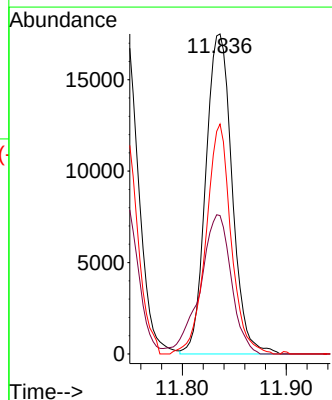
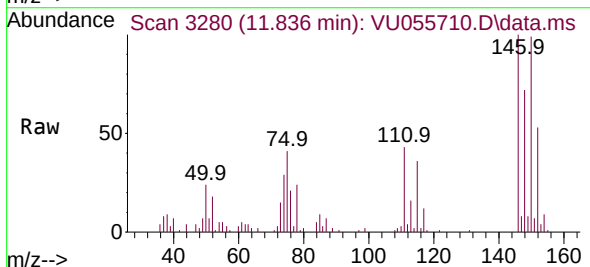
Instrument :
MSVOA_U
ClientSampleId :

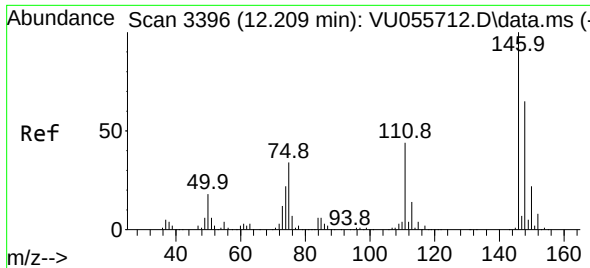
Tgt Ion:146 Resp: 29036
Ion Ratio Lower Upper
146 100
111 47.2 29.7 55.1
148 70.2 45.0 83.6



#65
1,4-Dichlorobenzene
Concen: 5.114 ug/L
RT: 11.836 min Scan# 3280
Delta R.T. 0.003 min
Lab File: VU055710.D
Acq: 10 Oct 2023 09:52

Tgt Ion:146 Resp: 30788
Ion Ratio Lower Upper
146 100
111 43.3 28.6 53.0
148 71.8 44.2 82.0





#67

1,2-Dichlorobenzene

Concen: 4.897 ug/L

RT: 12.212 min Scan# 31

Delta R.T. 0.003 min

Lab File: VU055710.D

Acq: 10 Oct 2023 09:52

Instrument :

MSVOA_U

ClientSampleId :

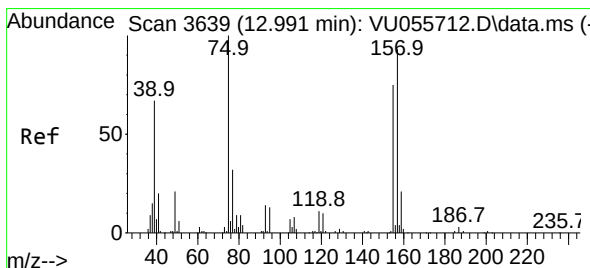
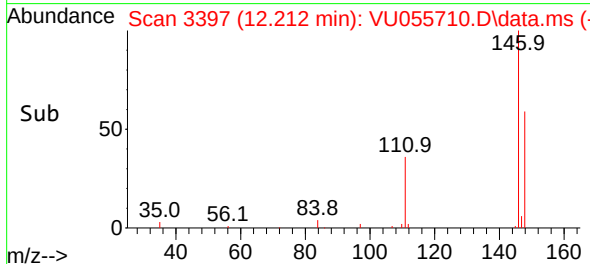
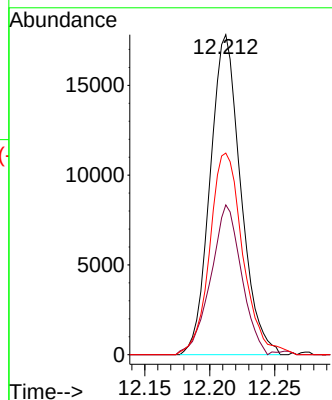
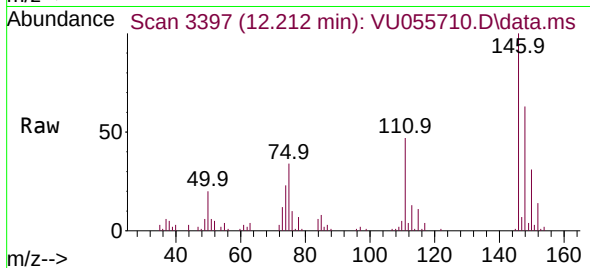
Tgt Ion:146 Resp: 29209

Ion Ratio Lower Upper

146 100

111 50.5 35.2 52.8

148 63.0 52.3 78.5



#68

1,2-Dibromo-3-chloropropane

Concen: 4.686 ug/L

RT: 12.997 min Scan# 3641

Delta R.T. 0.006 min

Lab File: VU055710.D

Acq: 10 Oct 2023 09:52

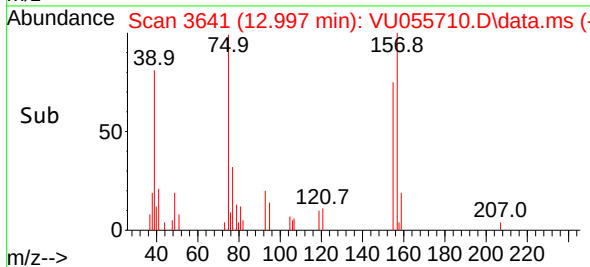
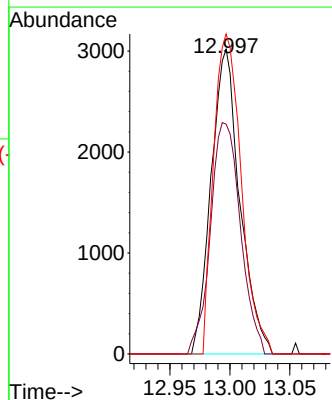
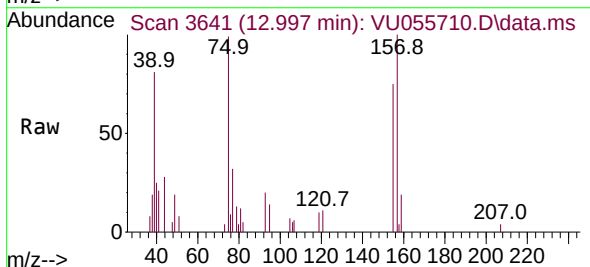
Tgt Ion: 75 Resp: 5036

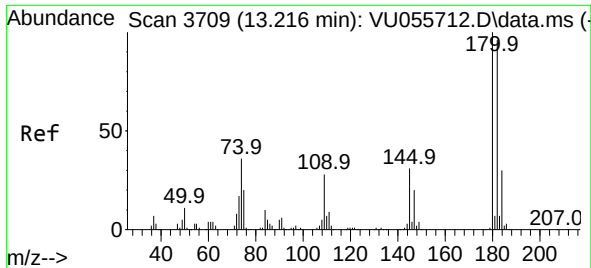
Ion Ratio Lower Upper

75 100

155 75.4 59.6 89.4

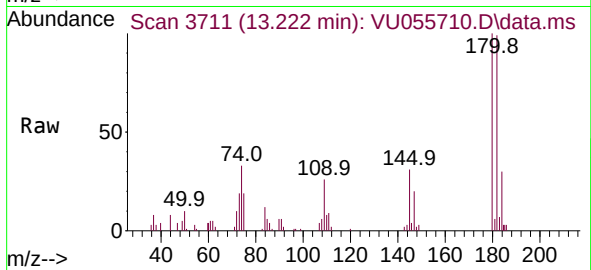
157 105.0 77.7 116.5



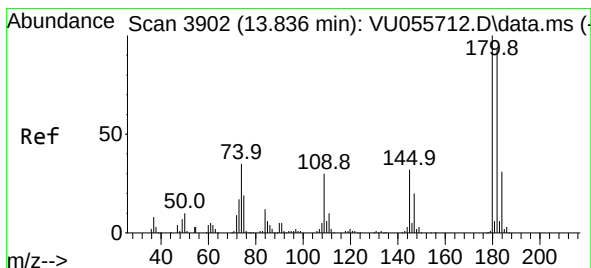
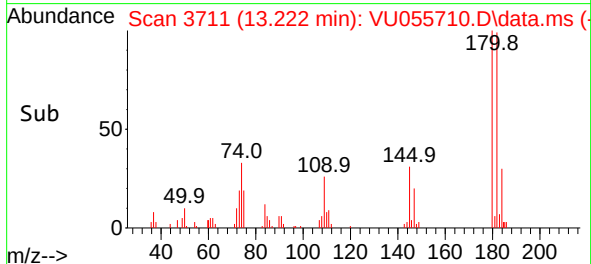
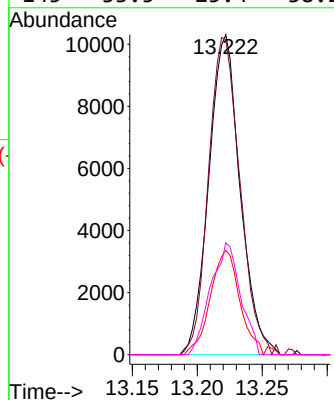


#69
 1,3,5-Trichlorobenzene
 Concen: 4.338 ug/L
 RT: 13.222 min Scan# 31
 Delta R.T. 0.006 min
 Lab File: VU055710.D
 Acq: 10 Oct 2023 09:52

Instrument :
 MSVOA_U
 ClientSampleId :

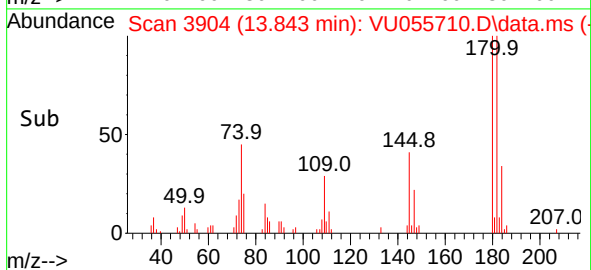
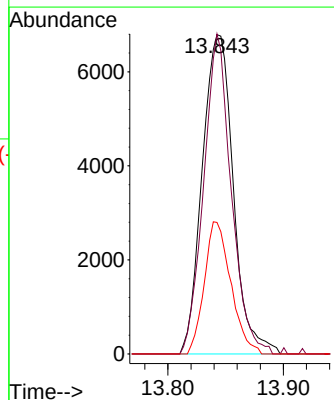
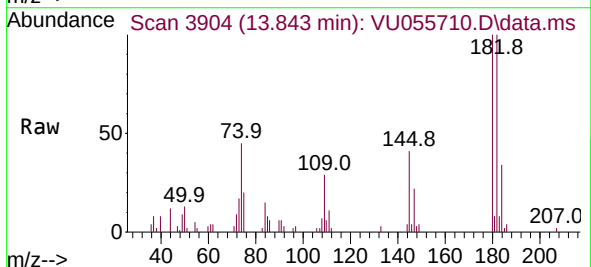


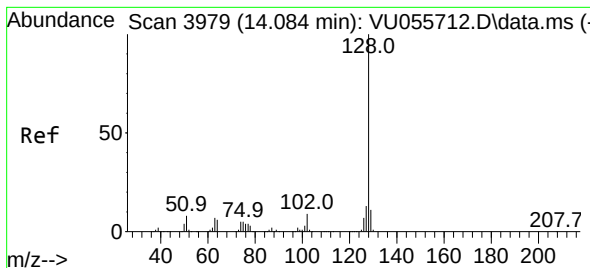
Tgt Ion:180 Resp: 17254
 Ion Ratio Lower Upper
 180 100
 182 99.3 76.2 114.2
 184 30.7 23.9 35.9
 145 33.5 25.4 38.2



#70
 1,2,4-trichlorobenzene
 Concen: 3.729 ug/L
 RT: 13.843 min Scan# 3904
 Delta R.T. 0.006 min
 Lab File: VU055710.D
 Acq: 10 Oct 2023 09:52

Tgt Ion:180 Resp: 12677
 Ion Ratio Lower Upper
 180 100
 182 88.9 75.4 113.2
 145 35.4 26.1 39.1





#71

Naphthalene

Concen: 2.685 ug/L

RT: 14.090 min Scan# 3979

Delta R.T. 0.006 min

Lab File: VU055710.D

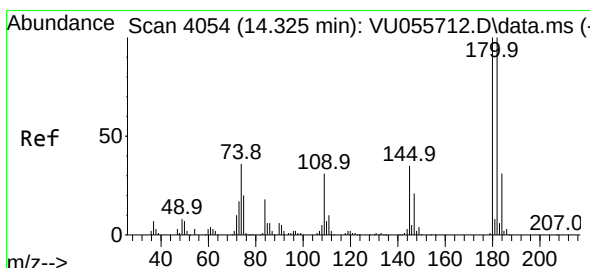
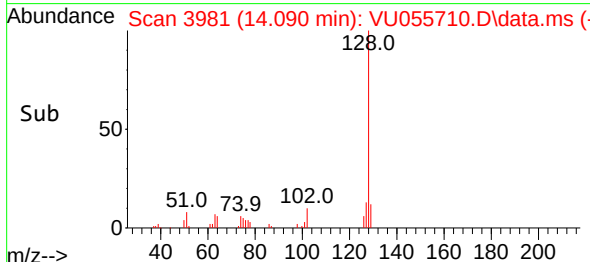
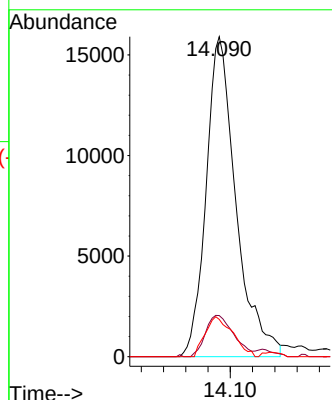
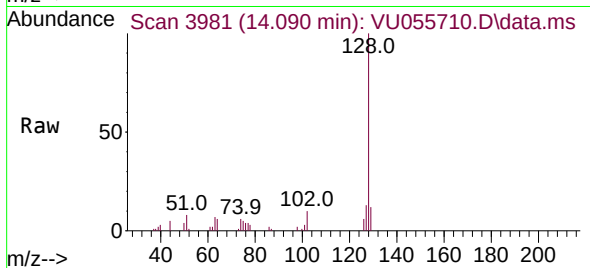
Acq: 10 Oct 2023 09:52

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:128	Resp:	29621
Ion Ratio	Lower	Upper
128	100	
127	12.1	10.6 16.0
129	11.5	8.7 13.1



#72

1,2,3-Trichlorobenzene

Concen: 3.664 ug/L

RT: 14.331 min Scan# 4056

Delta R.T. 0.006 min

Lab File: VU055710.D

Acq: 10 Oct 2023 09:52

Tgt Ion:180	Resp:	12229
Ion Ratio	Lower	Upper
180	100	
182	98.1	78.1 117.1
145	32.2	27.4 41.0

