

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090523\
 Data File : VU055128.D
 Acq On : 06 Sep 2023 05:27
 Operator : MD/SY
 Sample : 04268-03MS
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 06 06:30:37 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR090123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Sep 06 05:03:37 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	187523	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	190651	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	110341	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	37350	4.250	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.000%
7) Chloroethane-d5	1.907	69	44127	4.337	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.800%
11) 1,1-Dichloroethene-d2	2.560	65	22304	4.454	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	89.000%
20) 2-Butanone-d5	4.624	46	139527	54.707	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	109.420%
24) Chloroform-d	5.058	84	108199	4.639	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.800%
26) 1,2-Dichloroethane-d4	5.698	65	57191	4.902	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.000%
32) Benzene-d6	5.724	84	216025	4.590	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.800%
36) 1,2-Dichloropropane-d6	6.689	67	68285	4.562	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.200%
41) Toluene-d8	7.898	98	199891	4.611	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.200%
43) trans-1,3-Dichloroprop...	8.177	79	17352	4.210	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.200%
46) 2-Hexanone-d5	8.631	63	90242	53.926	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	107.860%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	51567	4.899	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.000%
66) 1,2-Dichlorobenzene-d4	12.193	152	71092	4.414	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	88.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	50652	4.648	ug/L	97
3) Chloromethane	1.515	50	52801	4.760	ug/L	99
5) Vinyl chloride	1.599	62	56586	4.835	ug/L	96
6) Bromomethane	1.850	94	26183	3.710	ug/L	95
8) Chloroethane	1.927	64	36267	4.759	ug/L	98
9) Trichlorofluoromethane	2.132	101	80258	4.716	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	45593	4.604	ug/L	99
12) 1,1-Dichloroethene	2.573	96	41619	4.801	ug/L	96
13) Acetone	2.628	43	85618	50.087	ug/L	99
14) Carbon disulfide	2.785	76	99214	4.673	ug/L	97
15) Methyl Acetate	2.952	43	18064	5.163	ug/L #	90
16) Methylene chloride	3.039	84	49647	3.748	ug/L	98
17) Methyl tert-butyl Ether	3.361	73	117641	5.174	ug/L	99
18) trans-1,2-Dichloroethene	3.348	96	42381	4.818	ug/L	91
19) 1,1-Dichloroethane	3.866	63	93943	4.942	ug/L	98
21) 2-Butanone	4.705	43	135228	53.843	ug/L	98
22) cis-1,2-Dichloroethene	4.666	96	56109	5.211	ug/L	92
23) Bromochloromethane	4.968	128	22645	5.114	ug/L	95
25) Chloroform	5.084	83	103145	5.210	ug/L	96

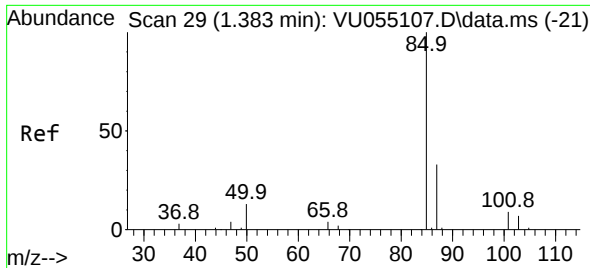
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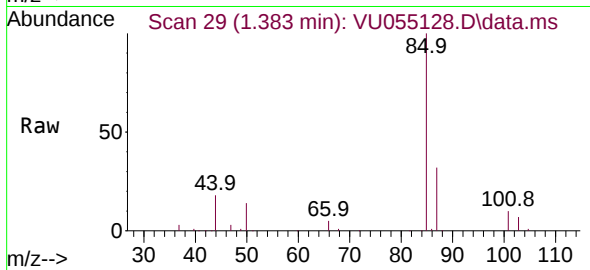
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.795	62	63164	5.227	ug/L	100
29) 1,1,1-Trichloroethane	5.312	97	77468	4.698	ug/L	98
30) Cyclohexane	5.386	56	66489	4.534	ug/L	98
31) Carbon tetrachloride	5.521	117	65256	4.759	ug/L	99
33) Benzene	5.772	78	196025	4.831	ug/L	100
34) Trichloroethene	6.541	95	61703	5.472	ug/L	98
35) Methylcyclohexane	6.759	83	66889	4.228	ug/L	97
37) 1,2-Dichloropropane	6.788	63	56131	5.081	ug/L	99
38) Bromodichloromethane	7.103	83	66173	5.017	ug/L #	98
39) cis-1,3-Dichloropropene	7.605	75	67666	4.504	ug/L	98
40) 4-Methyl-2-pentanone	7.788	43	337839	53.613	ug/L	99
42) Toluene	7.968	91	209477	4.843	ug/L	96
44) trans-1,3-Dichloropropene	8.209	75	53229	4.513	ug/L	96
45) 1,1,2-Trichloroethane	8.399	97	40904	5.497	ug/L	97
47) Tetrachloroethene	8.550	164	37726	4.840	ug/L	98
48) 2-Hexanone	8.682	43	249719	50.593	ug/L	97
49) Dibromochloromethane	8.807	129	40556	4.993	ug/L	98
50) 1,2-Dibromoethane	8.923	107	37131	5.480	ug/L #	92
51) Chlorobenzene	9.444	112	139228	4.860	ug/L	99
52) Ethylbenzene	9.569	91	226926	4.689	ug/L	100
53) m,p-Xylene	9.692	106	84218	4.703	ug/L	99
54) o-Xylene	10.097	106	82000	4.653	ug/L	98
55) Styrene	10.113	104	138402	4.756	ug/L	95
57) 1,1,2,2-Tetrachloroethane	10.778	83	44074	4.755	ug/L	94
59) Bromoform	10.290	173	21535	4.885	ug/L	97
60) Isopropylbenzene	10.483	105	223234	4.339	ug/L	99
61) 1,2,3-Trichloropropane	10.820	75	37059	5.061	ug/L	98
62) 1,3,5-Trimethylbenzene	11.087	105	181815	4.248	ug/L	98
63) 1,2,4-Trimethylbenzene	11.466	105	170423	4.040	ug/L	99
64) 1,3-Dichlorobenzene	11.743	146	107718	4.361	ug/L	99
65) 1,4-Dichlorobenzene	11.836	146	106852	4.340	ug/L	97
67) 1,2-Dichlorobenzene	12.209	146	102115	4.409	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.997	75	7084	5.022	ug/L	91
69) 1,3,5-Trichlorobenzene	13.219	180	69685	3.733	ug/L	98
70) 1,2,4-trichlorobenzene	13.839	180	57316	3.275	ug/L	97
71) Naphthalene	14.087	128	85334	2.682	ug/L	99
72) 1,2,3-Trichlorobenzene	14.328	180	51916	3.417	ug/L	98

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

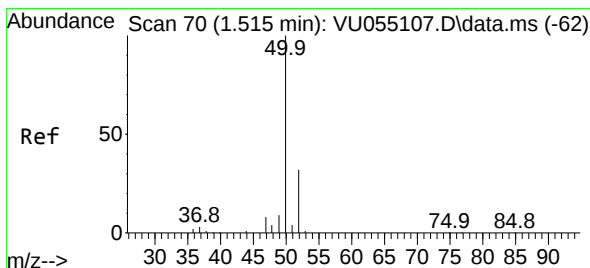
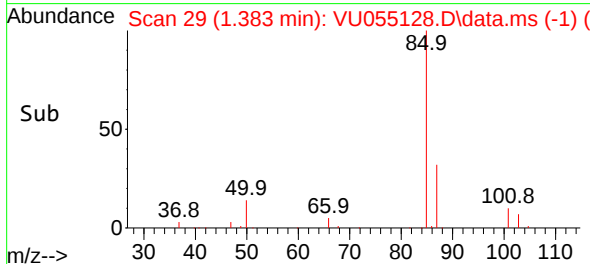
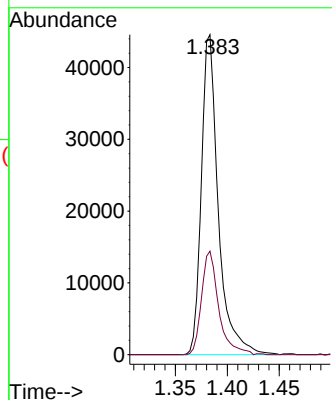


#2
Dichlorodifluoromethane
Concen: 4.648 ug/L
RT: 1.383 min Scan# 29
Delta R.T. 0.000 min
Lab File: VU055128.D
Acq: 06 Sep 2023 05:27

Instrument :
MSVOA_U
ClientSampleId :

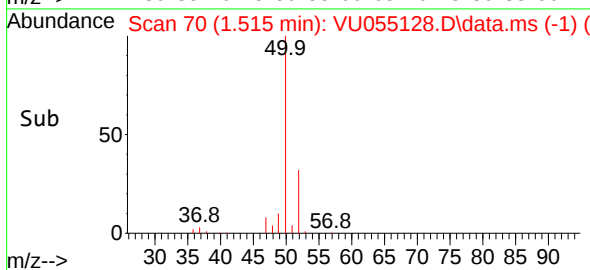
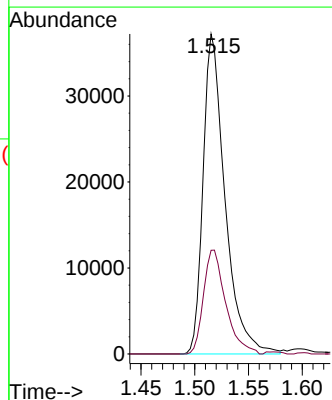
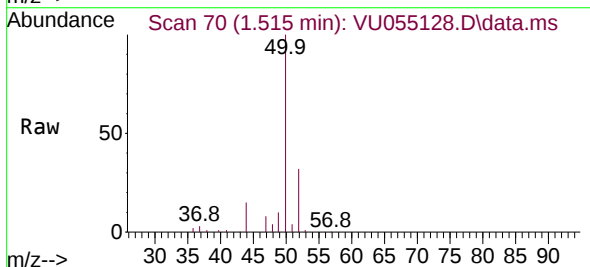


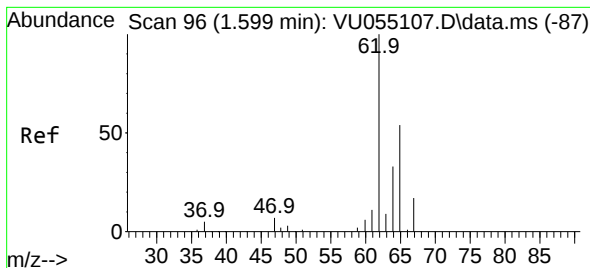
Tgt Ion: 85 Resp: 50652
Ion Ratio Lower Upper
85 100
87 32.8 25.1 37.7



#3
Chloromethane
Concen: 4.760 ug/L
RT: 1.515 min Scan# 70
Delta R.T. 0.000 min
Lab File: VU055128.D
Acq: 06 Sep 2023 05:27

Tgt Ion: 50 Resp: 52801
Ion Ratio Lower Upper
50 100
52 32.4 22.5 41.7





#5

Vinyl chloride

Concen: 4.835 ug/L

RT: 1.599 min Scan# 96

Delta R.T. 0.000 min

Lab File: VU055128.D

Acq: 06 Sep 2023 05:27

Instrument :

MSVOA_U

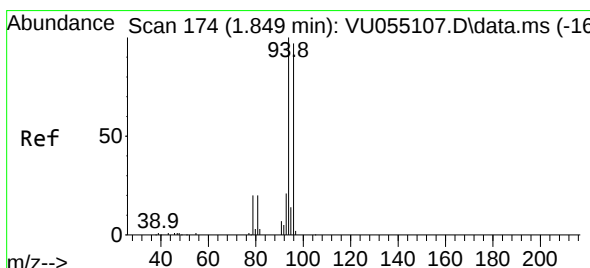
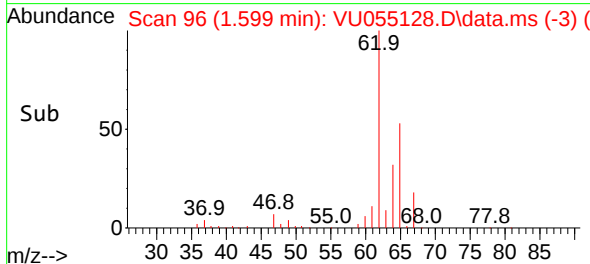
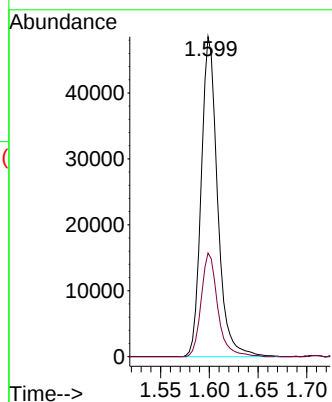
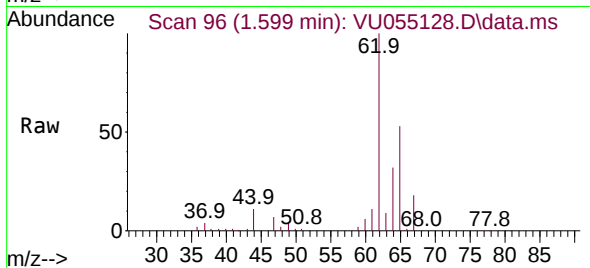
ClientSampleId :

Tgt Ion: 62 Resp: 56586

Ion Ratio Lower Upper

62 100

64 32.4 24.2 45.0



#6

Bromomethane

Concen: 3.710 ug/L

RT: 1.850 min Scan# 174

Delta R.T. 0.000 min

Lab File: VU055128.D

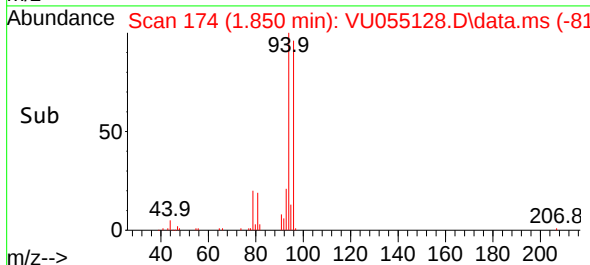
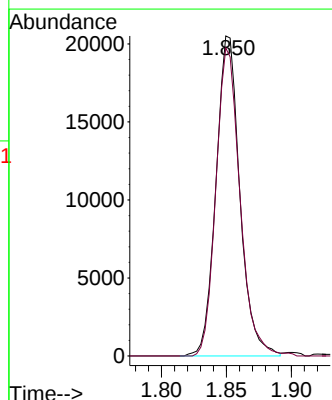
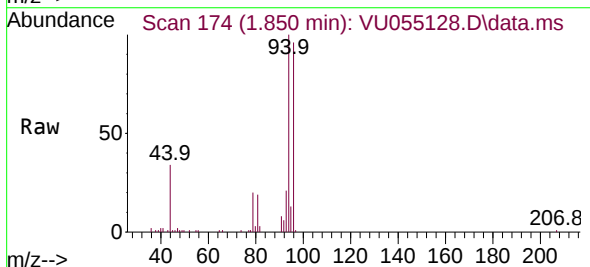
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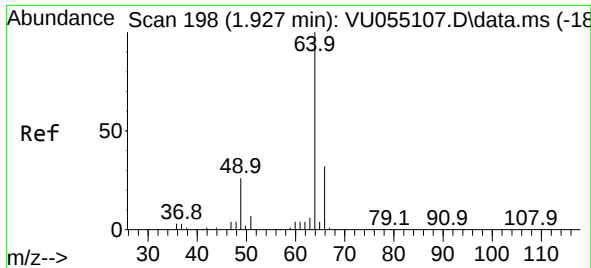
Tgt Ion: 94 Resp: 26183

Ion Ratio Lower Upper

94 100

96 96.2 63.8 118.4

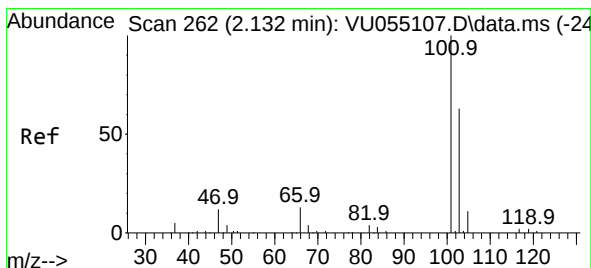
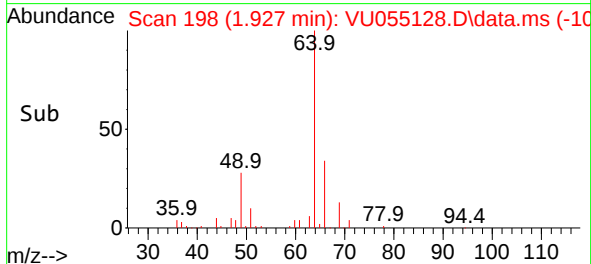
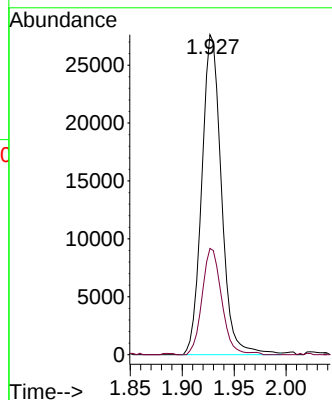
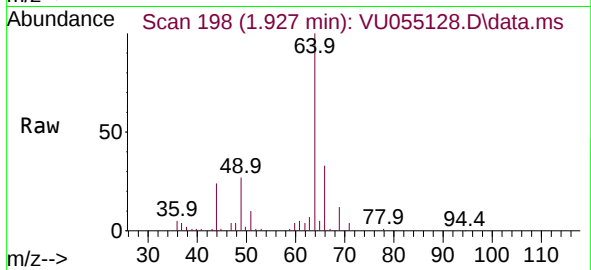




#8
Chloroethane
Concen: 4.759 ug/L
RT: 1.927 min Scan# 198
Delta R.T. 0.000 min
Lab File: VU055128.D
Acq: 06 Sep 2023 05:27

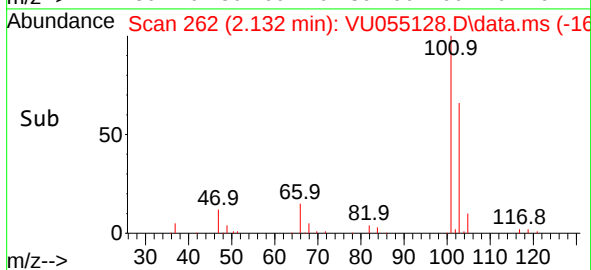
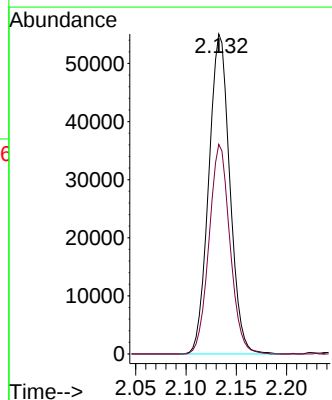
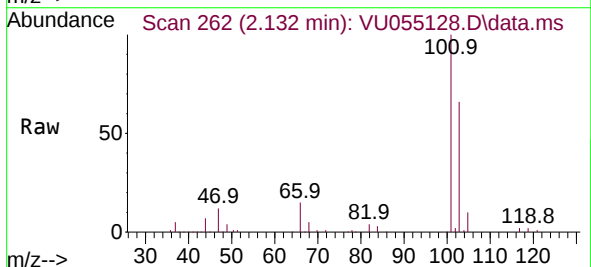
Instrument :
MSVOA_U
ClientSampleId :

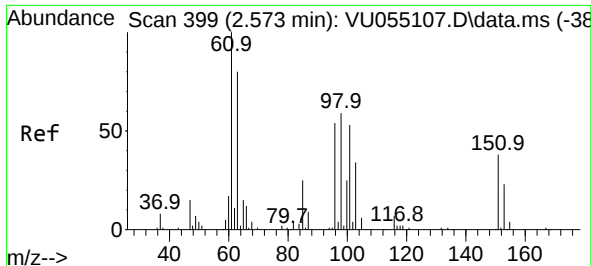
Tgt Ion: 64 Resp: 36267
Ion Ratio Lower Upper
64 100
66 33.2 22.4 41.6



#9
Trichlorofluoromethane
Concen: 4.716 ug/L
RT: 2.132 min Scan# 262
Delta R.T. 0.000 min
Lab File: VU055128.D
Acq: 06 Sep 2023 05:27

Tgt Ion:101 Resp: 80258
Ion Ratio Lower Upper
101 100
103 64.9 51.9 77.9





#10

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

Concen: 4.604 ug/L

RT: 2.576 min Scan# 400

Delta R.T. 0.003 min

Lab File: VU055128.D

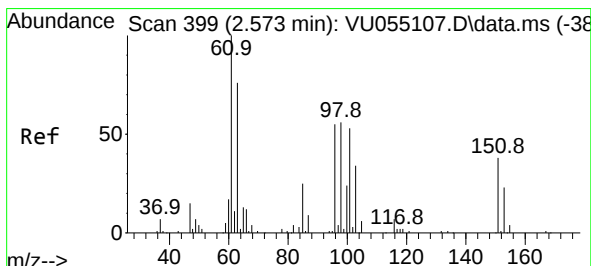
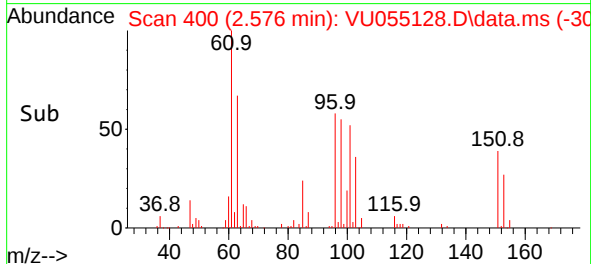
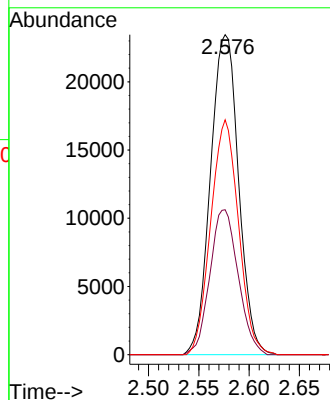
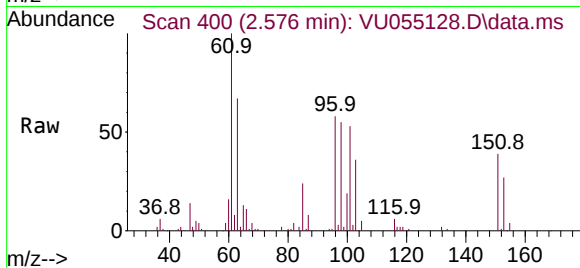
Acq: 06 Sep 2023 05:27

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	101	Resp:	45593
Ion Ratio	Lower	Upper	
101	100		
85	45.7	37.3	55.9
151	72.6	57.6	86.4



#12

1,1-Dichloroethene

Concen: 4.801 ug/L

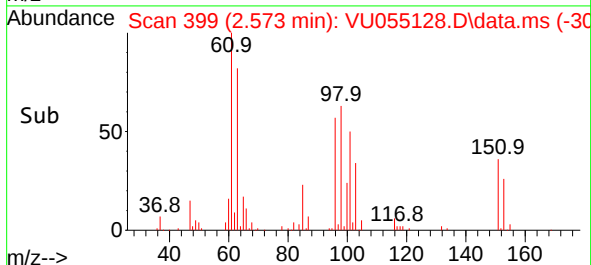
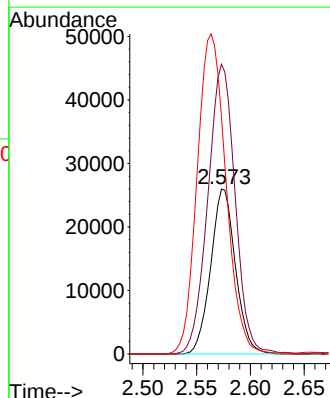
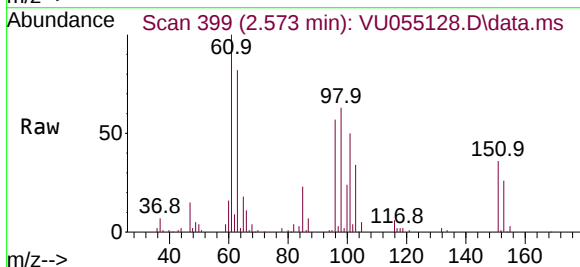
RT: 2.573 min Scan# 399

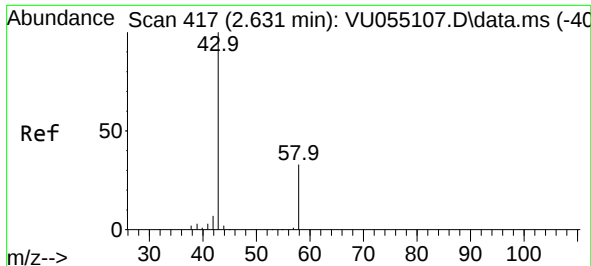
Delta R.T. 0.000 min

Lab File: VU055128.D

Acq: 06 Sep 2023 05:27

Tgt Ion:	96	Resp:	41619
Ion Ratio	Lower	Upper	
96	100		
61	175.6	120.8	224.4
63	143.8	94.5	175.5





#13

Acetone

Concen: 50.087 ug/L

RT: 2.628 min Scan# 41

Delta R.T. -0.003 min

Lab File: VU055128.D

Acq: 06 Sep 2023 05:27

Instrument :

MSVOA_U

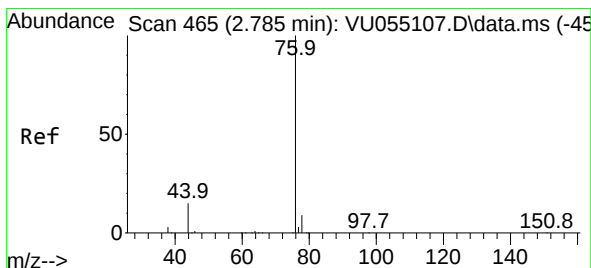
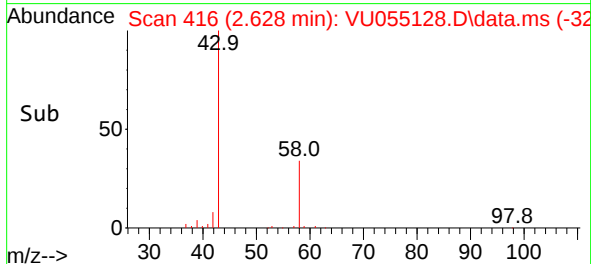
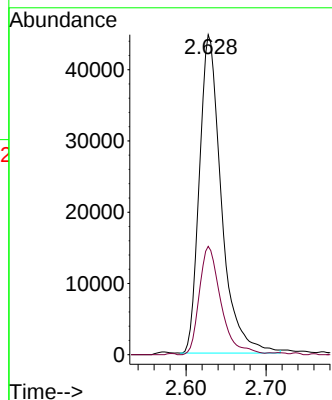
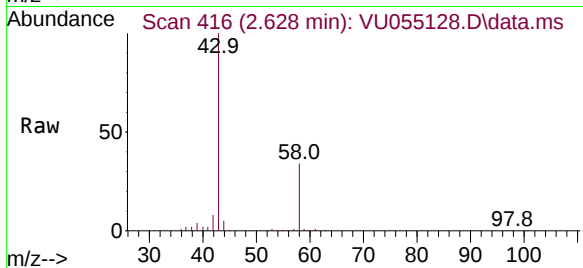
ClientSampleId :

Tgt Ion: 43 Resp: 85618

Ion Ratio Lower Upper

43 100

58 33.6 0.0 67.8



#14

Carbon disulfide

Concen: 4.673 ug/L

RT: 2.785 min Scan# 465

Delta R.T. 0.000 min

Lab File: VU055128.D

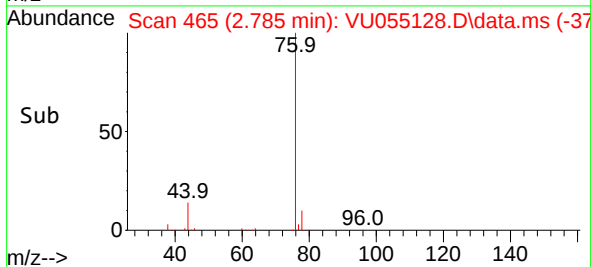
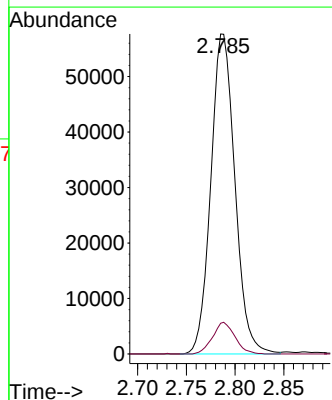
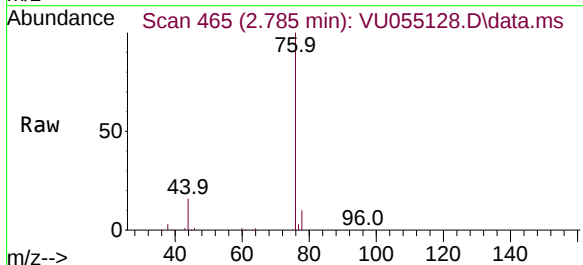
Acq: 06 Sep 2023 05:27

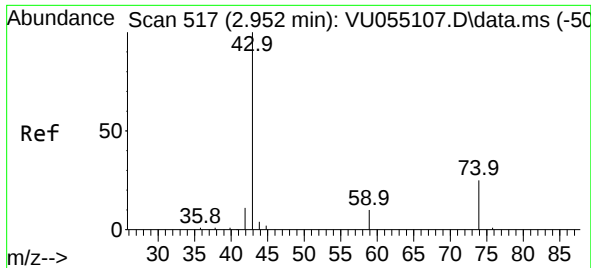
Tgt Ion: 76 Resp: 99214

Ion Ratio Lower Upper

76 100

78 9.6 6.8 10.2

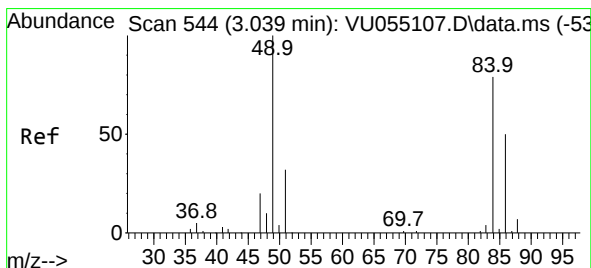
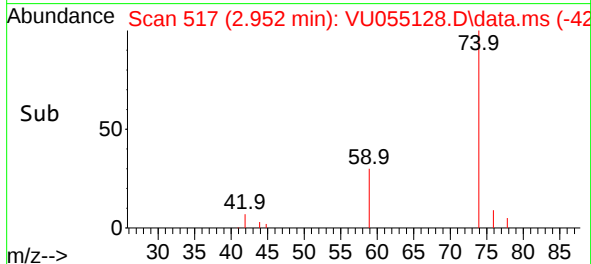
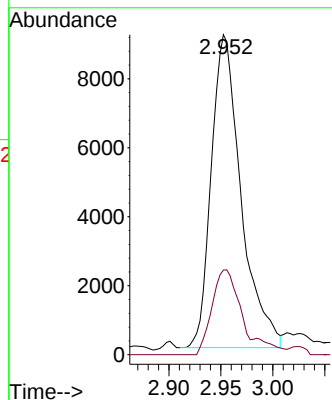
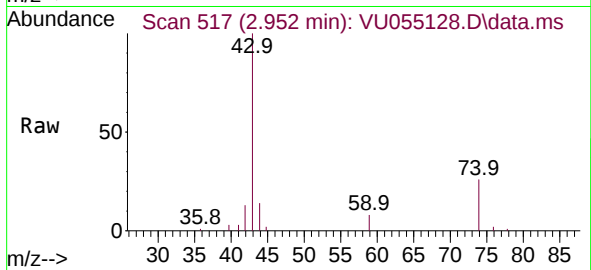




#15
Methyl Acetate
Concen: 5.163 ug/L
RT: 2.952 min Scan# 517
Delta R.T. 0.000 min
Lab File: VU055128.D
Acq: 06 Sep 2023 05:27

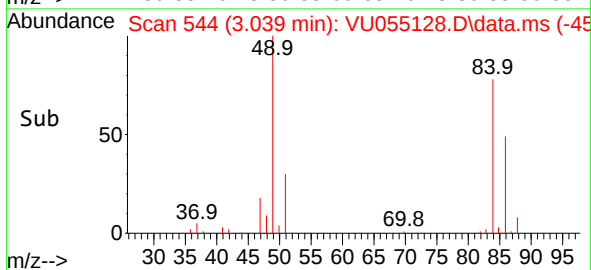
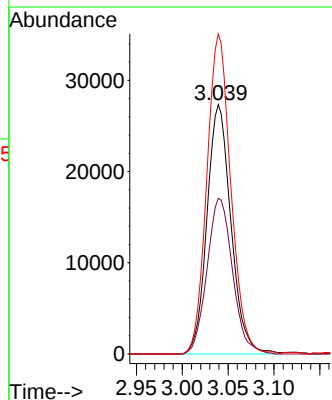
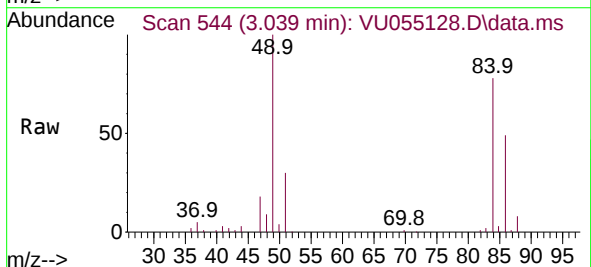
Instrument :
MSVOA_U
ClientSampleId :

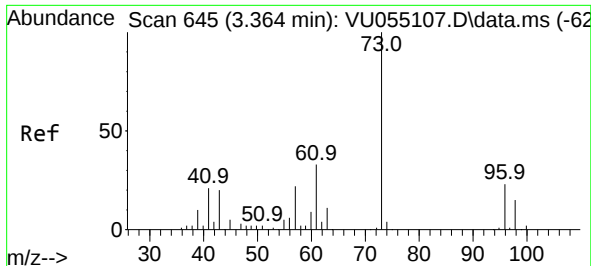
Tgt Ion: 43 Resp: 18064
Ion Ratio Lower Upper
43 100
74 28.1 18.4 27.6#



#16
Methylene chloride
Concen: 3.748 ug/L
RT: 3.039 min Scan# 544
Delta R.T. 0.000 min
Lab File: VU055128.D
Acq: 06 Sep 2023 05:27

Tgt Ion: 84 Resp: 49647
Ion Ratio Lower Upper
84 100
86 62.4 43.4 80.6
49 128.3 87.7 162.9

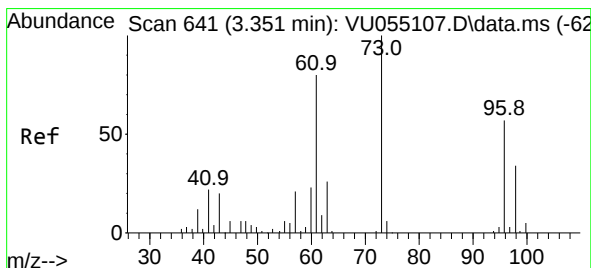
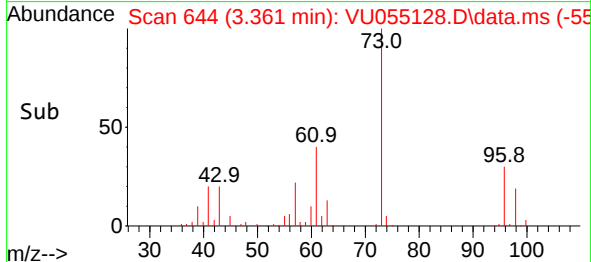
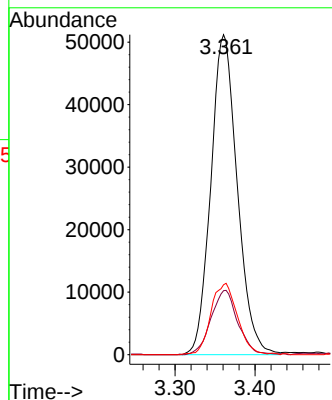
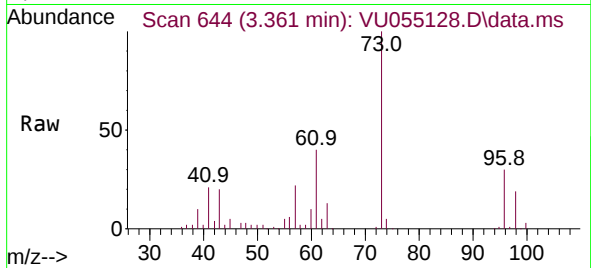




#17
Methyl tert-butyl Ether
Concen: 5.174 ug/L
RT: 3.361 min Scan# 64
Delta R.T. -0.003 min
Lab File: VU055128.D
Acq: 06 Sep 2023 05:27

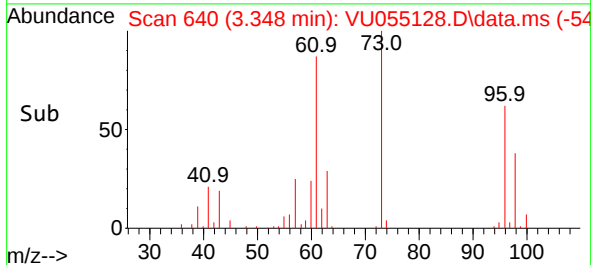
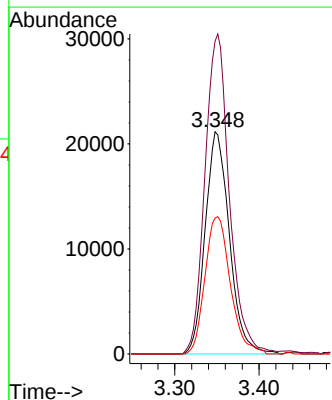
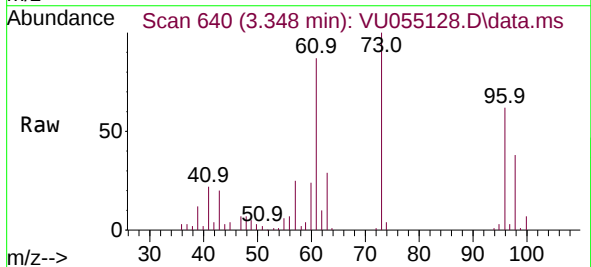
Instrument :
MSVOA_U
ClientSampleId :

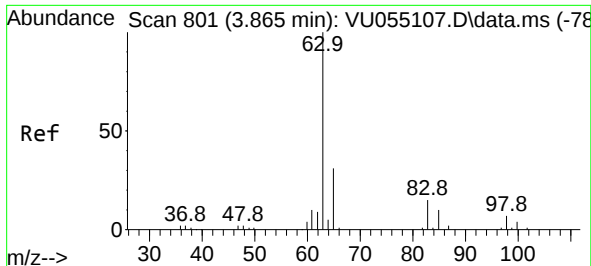
Tgt Ion: 73 Resp: 117641
Ion Ratio Lower Upper
73 100
43 20.3 16.2 24.2
57 22.3 17.4 26.2



#18
trans-1,2-Dichloroethene
Concen: 4.818 ug/L
RT: 3.348 min Scan# 640
Delta R.T. -0.003 min
Lab File: VU055128.D
Acq: 06 Sep 2023 05:27

Tgt Ion: 96 Resp: 42381
Ion Ratio Lower Upper
96 100
61 140.8 108.1 200.9
98 61.2 45.4 84.4





#19

1,1-Dichloroethane

Concen: 4.942 ug/L

RT: 3.866 min Scan# 801

Delta R.T. 0.000 min

Lab File: VU055128.D

Acq: 06 Sep 2023 05:27

Instrument :

MSVOA_U

ClientSampleId :

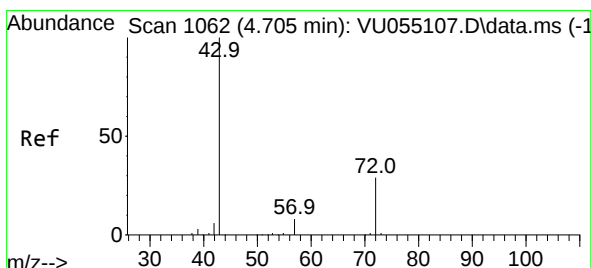
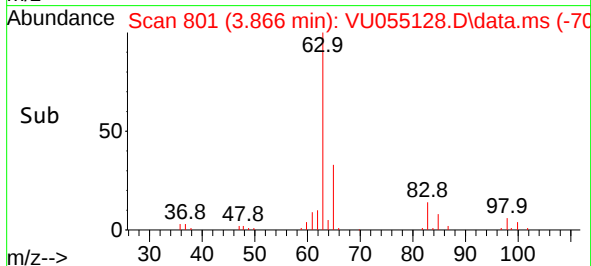
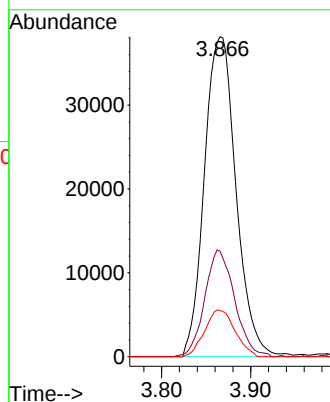
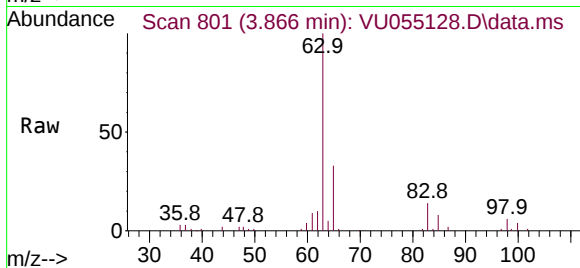
Tgt Ion: 63 Resp: 93943

Ion Ratio Lower Upper

63 100

65 32.9 22.2 41.2

83 14.5 10.6 19.8



#21

2-Butanone

Concen: 53.843 ug/L

RT: 4.705 min Scan# 1062

Delta R.T. 0.000 min

Lab File: VU055128.D

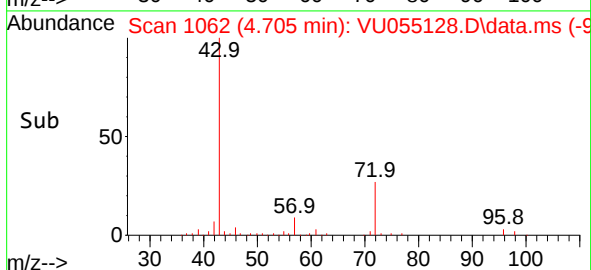
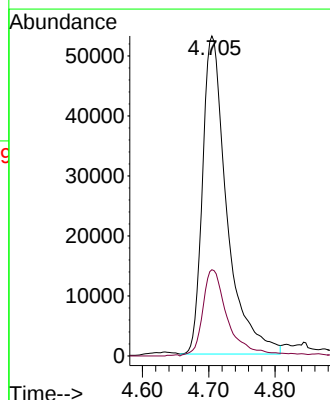
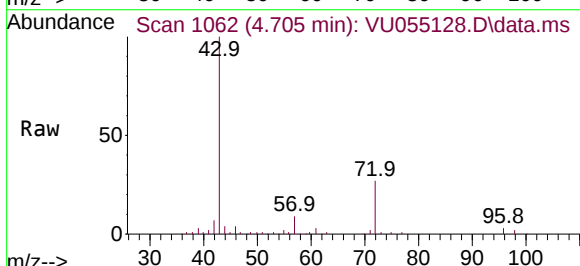
Acq: 06 Sep 2023 05:27

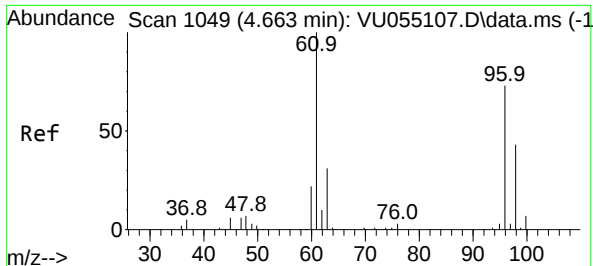
Tgt Ion: 43 Resp: 135228

Ion Ratio Lower Upper

43 100

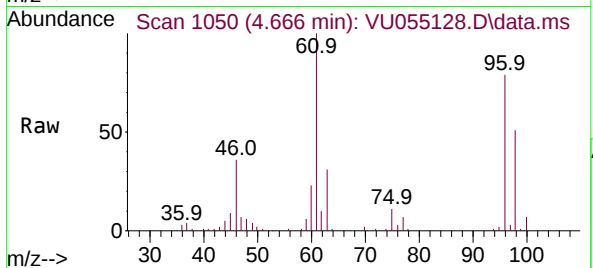
72 27.9 13.5 40.5





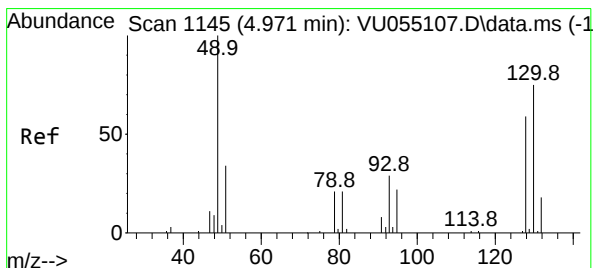
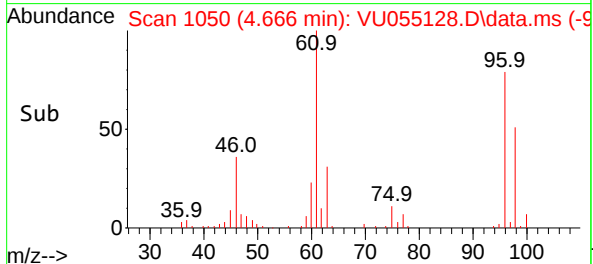
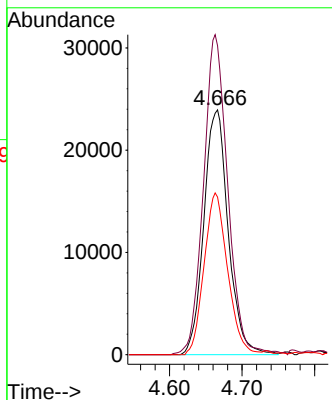
#22
 cis-1,2-Dichloroethene
 Concen: 5.211 ug/L
 RT: 4.666 min Scan# 1050
 Delta R.T. 0.003 min
 Lab File: VU055128.D
 Acq: 06 Sep 2023 05:27

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 96 Resp: 56109

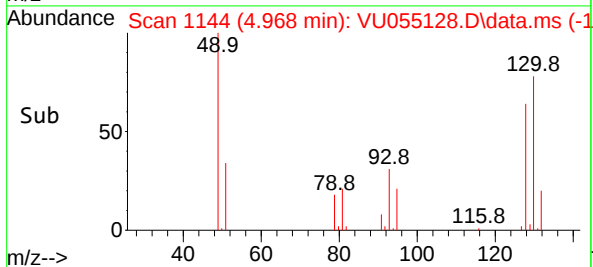
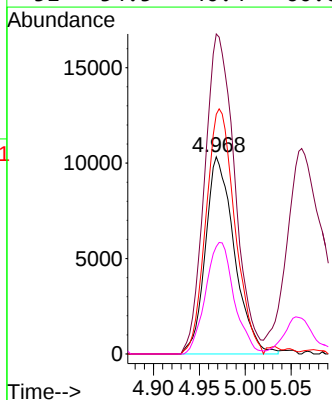
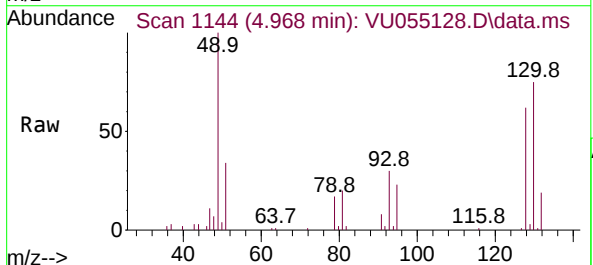
Ion	Ratio	Lower	Upper
96	100		
61	126.2	97.2	180.4
98	64.4	46.1	85.7

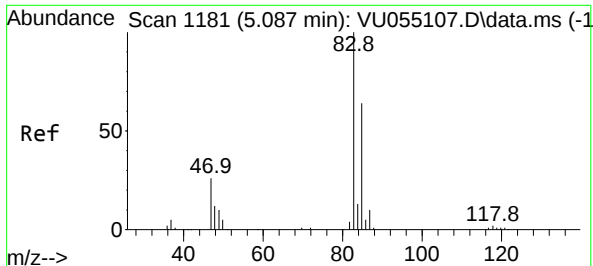


#23
 Bromochloromethane
 Concen: 5.114 ug/L
 RT: 4.968 min Scan# 1144
 Delta R.T. -0.003 min
 Lab File: VU055128.D
 Acq: 06 Sep 2023 05:27

Tgt Ion: 128 Resp: 22645

Ion	Ratio	Lower	Upper
128	100		
49	162.3	118.9	220.9
130	121.6	88.0	163.4
51	54.5	40.4	60.6





#25

Chloroform

Concen: 5.210 ug/L

RT: 5.084 min Scan# 1181

Delta R.T. -0.003 min

Lab File: VU055128.D

Acq: 06 Sep 2023 05:27

Instrument :

MSVOA_U

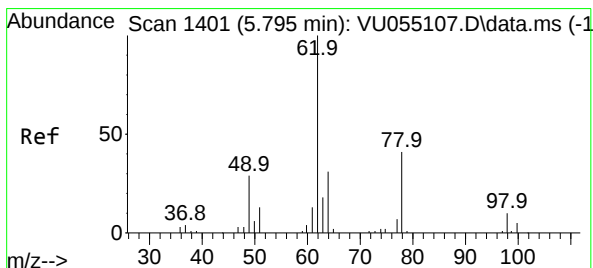
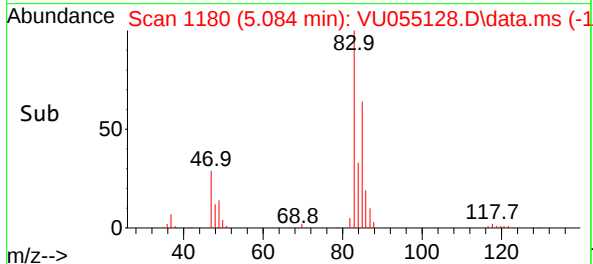
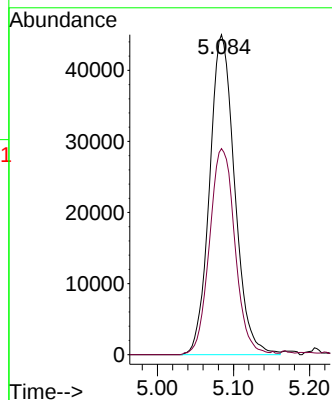
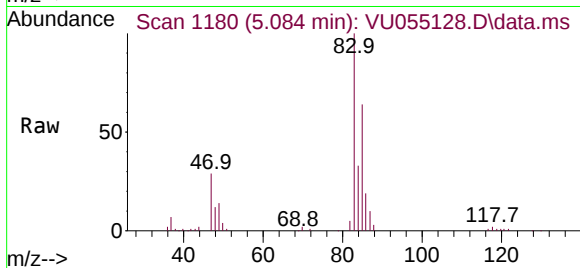
ClientSampleId :

Tgt Ion: 83 Resp: 103145

Ion Ratio Lower Upper

83 100

85 64.4 47.2 87.6



#27

1,2-Dichloroethane

Concen: 5.227 ug/L

RT: 5.795 min Scan# 1401

Delta R.T. 0.000 min

Lab File: VU055128.D

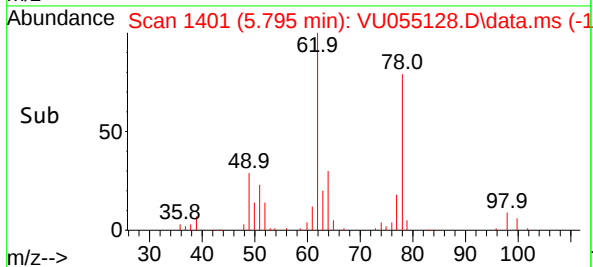
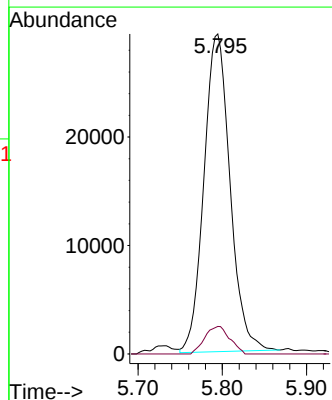
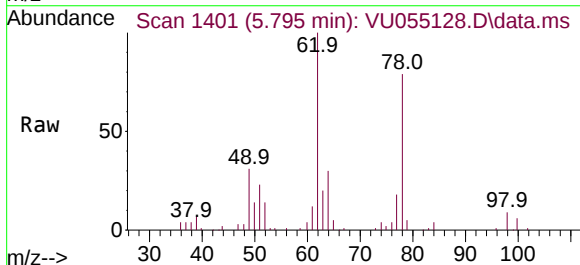
Acq: 06 Sep 2023 05:27

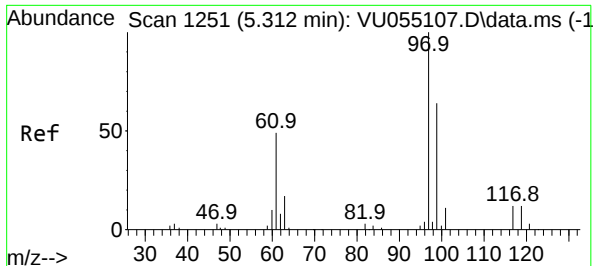
Tgt Ion: 62 Resp: 63164

Ion Ratio Lower Upper

62 100

98 8.6 6.9 10.3





#29

1,1,1-Trichloroethane

Concen: 4.698 ug/L

RT: 5.312 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU055128.D

Acq: 06 Sep 2023 05:27

Instrument :

MSVOA_U

ClientSampleId :

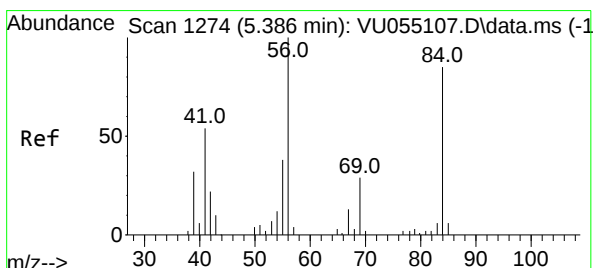
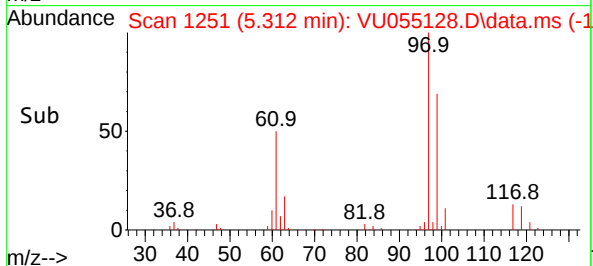
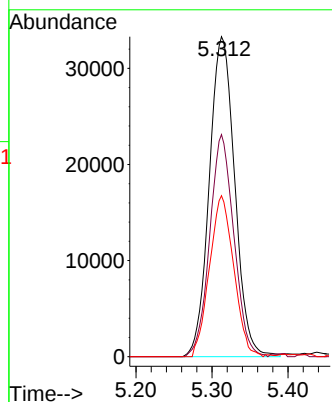
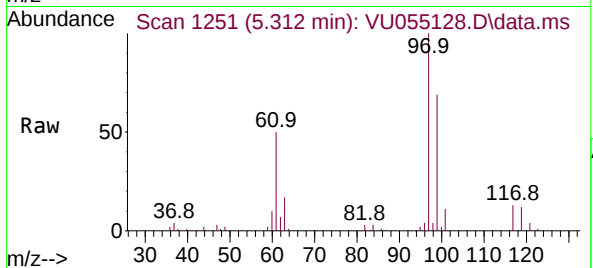
Tgt Ion: 97 Resp: 77468

Ion Ratio Lower Upper

97 100

99 65.8 51.8 77.8

61 47.9 36.8 55.2



#30

Cyclohexane

Concen: 4.534 ug/L

RT: 5.386 min Scan# 1274

Delta R.T. 0.000 min

Lab File: VU055128.D

Acq: 06 Sep 2023 05:27

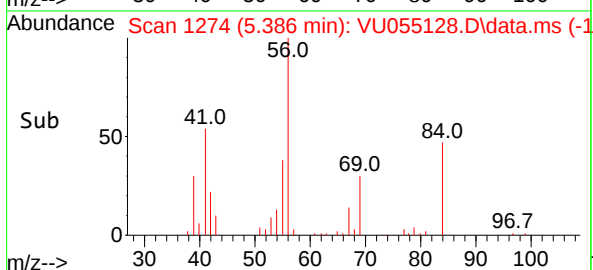
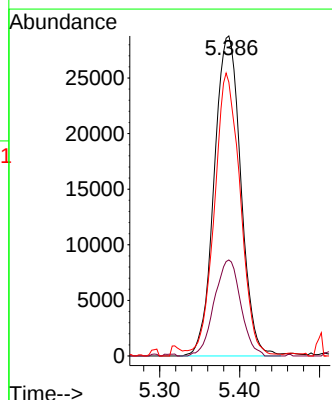
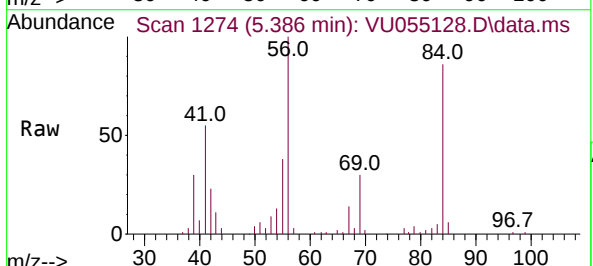
Tgt Ion: 56 Resp: 66489

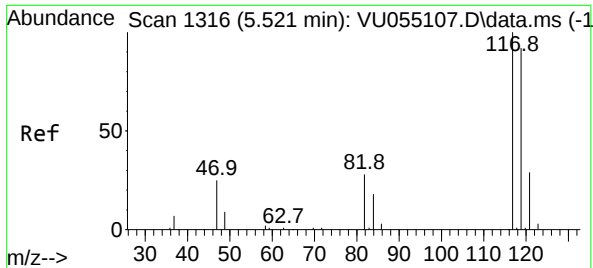
Ion Ratio Lower Upper

56 100

69 29.8 24.6 37.0

84 84.1 68.8 103.2

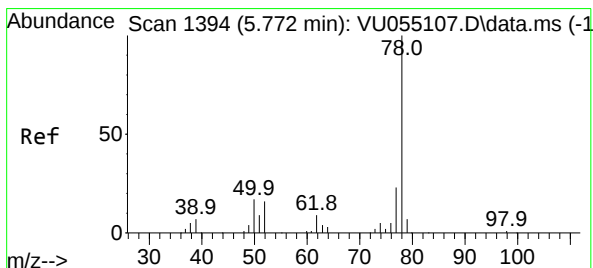
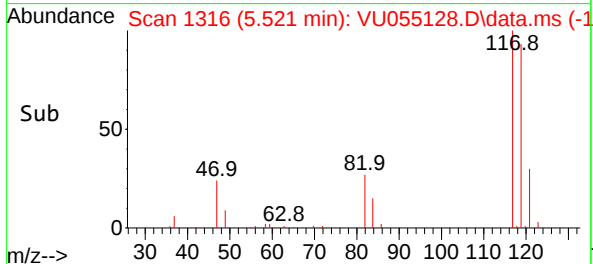
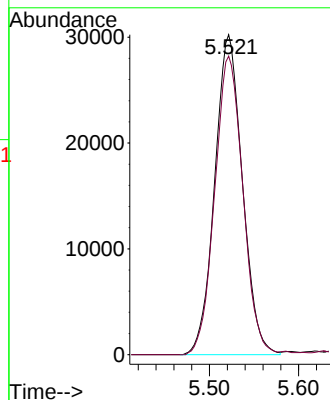
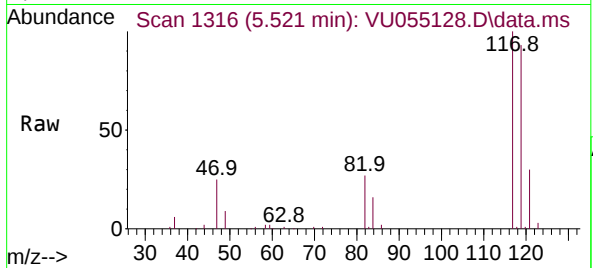




#31
Carbon tetrachloride
Concen: 4.759 ug/L
RT: 5.521 min Scan# 1316
Delta R.T. 0.000 min
Lab File: VU055128.D
Acq: 06 Sep 2023 05:27

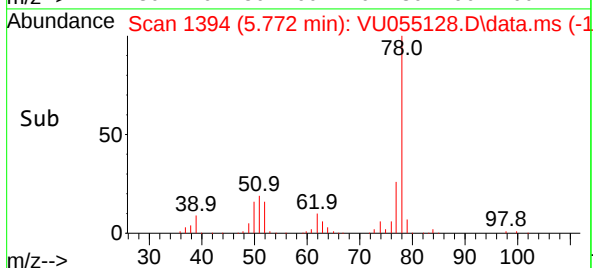
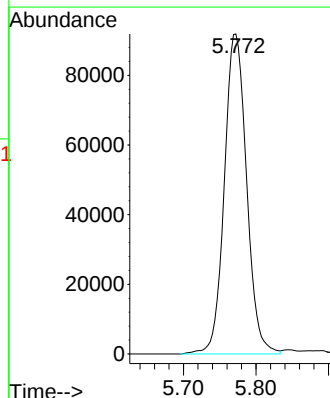
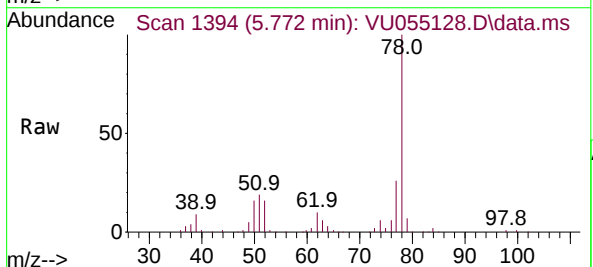
Instrument :
MSVOA_U
ClientSampleId :

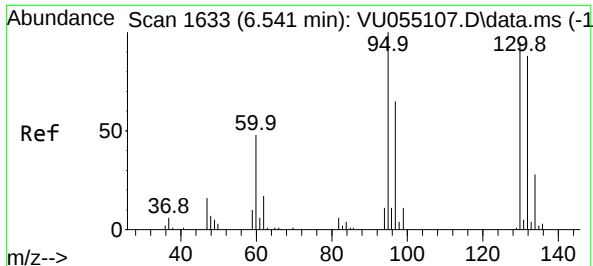
Tgt Ion:117 Resp: 65256
Ion Ratio Lower Upper
117 100
119 94.7 75.4 113.0



#33
Benzene
Concen: 4.831 ug/L
RT: 5.772 min Scan# 1394
Delta R.T. 0.000 min
Lab File: VU055128.D
Acq: 06 Sep 2023 05:27

Tgt Ion: 78 Resp: 196025





#34

Trichloroethene

Concen: 5.472 ug/L

RT: 6.541 min Scan# 1

Delta R.T. 0.000 min

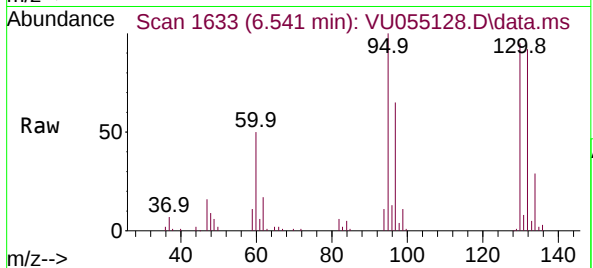
Lab File: VU055128.D

Acq: 06 Sep 2023 05:27

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion: 95 Resp: 61703

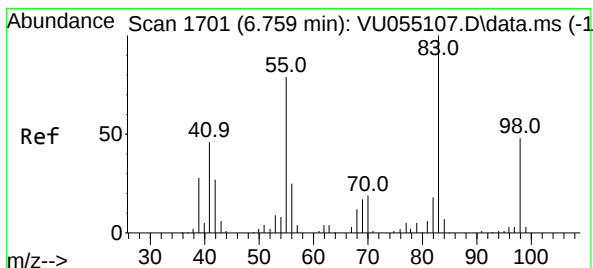
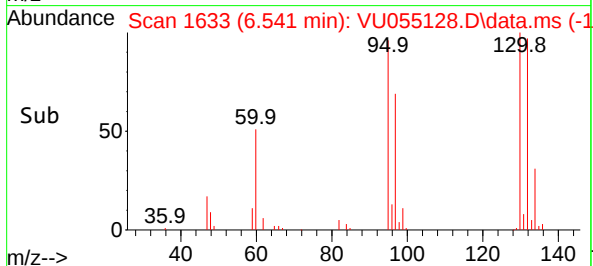
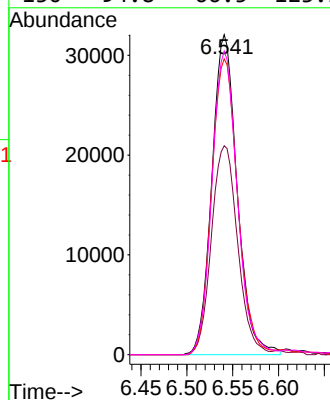
Ion Ratio Lower Upper

95 100

97 65.3 44.7 83.1

132 92.4 66.6 123.6

130 94.8 66.5 123.5



#35

Methylcyclohexane

Concen: 4.228 ug/L

RT: 6.759 min Scan# 1701

Delta R.T. 0.000 min

Lab File: VU055128.D

Acq: 06 Sep 2023 05:27

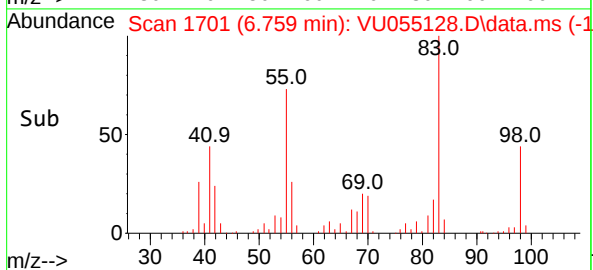
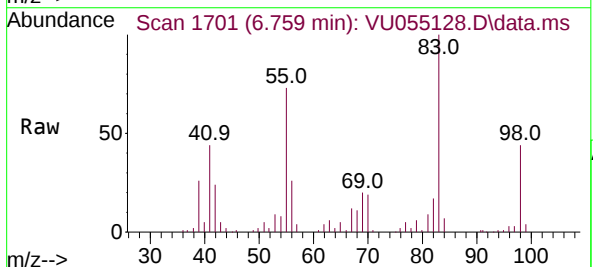
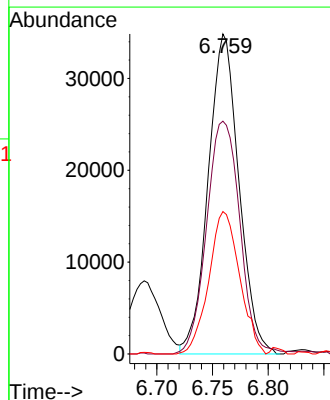
Tgt Ion: 83 Resp: 66889

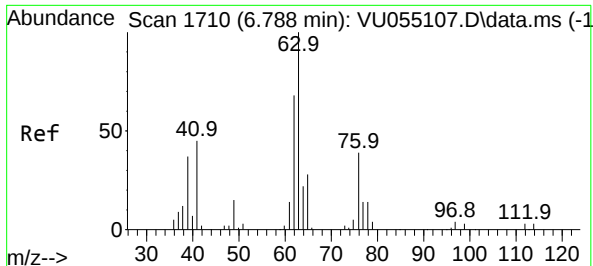
Ion Ratio Lower Upper

83 100

55 78.8 60.4 90.6

98 44.5 35.3 52.9

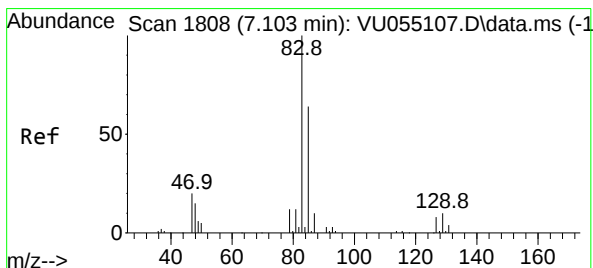
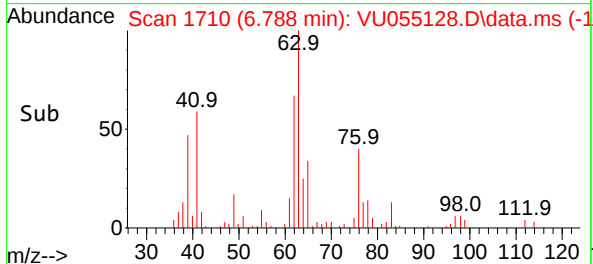
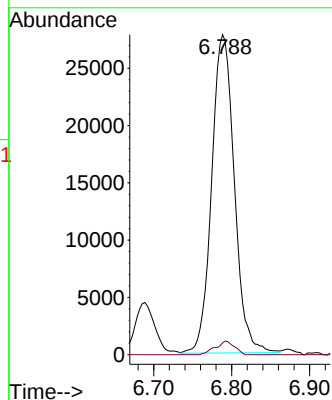
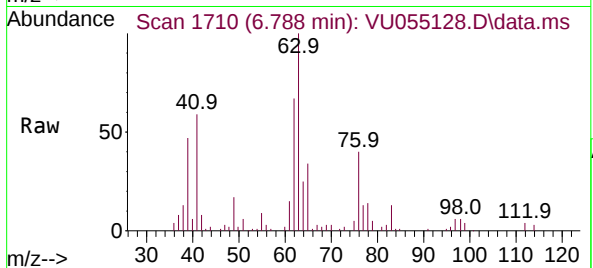




#37
1,2-Dichloropropane
Concen: 5.081 ug/L
RT: 6.788 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU055128.D
Acq: 06 Sep 2023 05:27

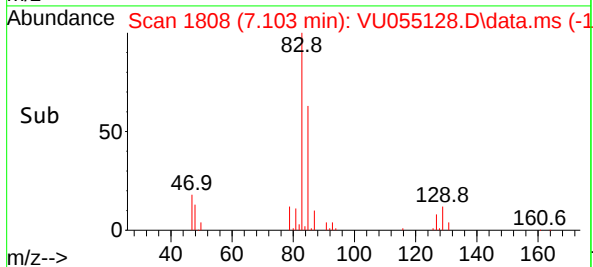
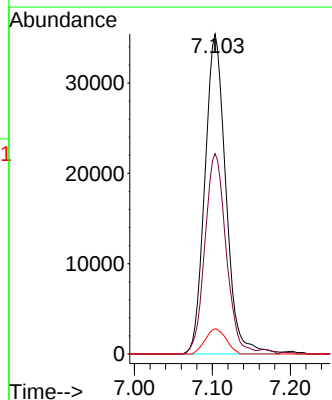
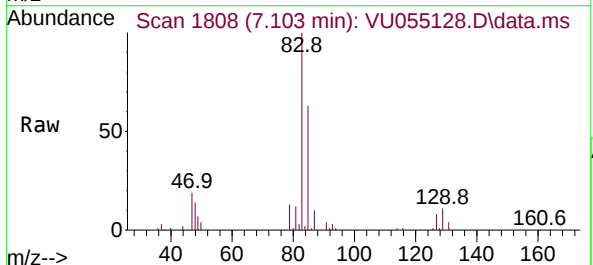
Instrument :
MSVOA_U
ClientSampleId :

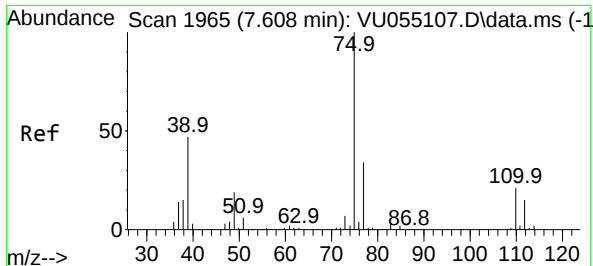
Tgt Ion: 63 Resp: 56131
Ion Ratio Lower Upper
63 100
112 3.6 3.2 4.8



#38
Bromodichloromethane
Concen: 5.017 ug/L
RT: 7.103 min Scan# 1808
Delta R.T. 0.000 min
Lab File: VU055128.D
Acq: 06 Sep 2023 05:27

Tgt Ion: 83 Resp: 66173
Ion Ratio Lower Upper
83 100
85 62.6 44.9 83.5
127 7.8 7.8 11.8#





#39

cis-1,3-Dichloropropene

Concen: 4.504 ug/L

RT: 7.605 min Scan# 1965

Delta R.T. -0.003 min

Lab File: VU055128.D

Acq: 06 Sep 2023 05:27

Instrument :

MSVOA_U

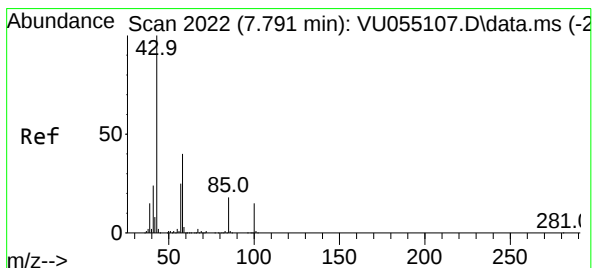
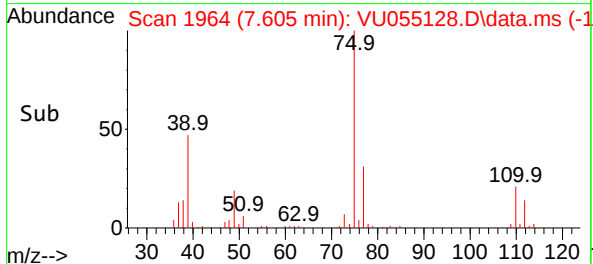
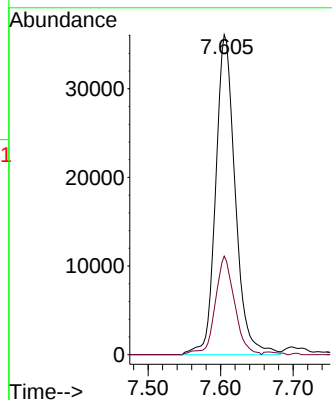
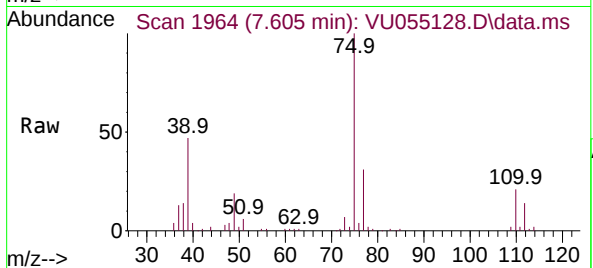
ClientSampleId :

Tgt Ion: 75 Resp: 67666

Ion Ratio Lower Upper

75 100

77 30.8 20.9 38.9



#40

4-Methyl-2-pentanone

Concen: 53.613 ug/L

RT: 7.788 min Scan# 2021

Delta R.T. -0.003 min

Lab File: VU055128.D

Acq: 06 Sep 2023 05:27

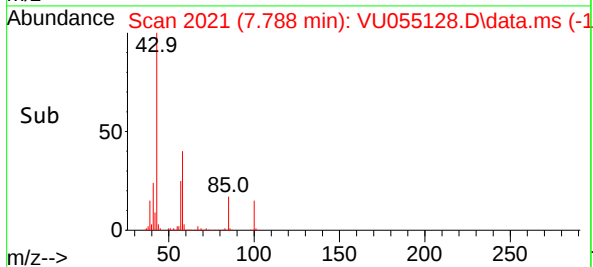
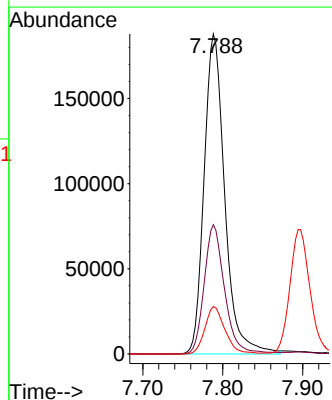
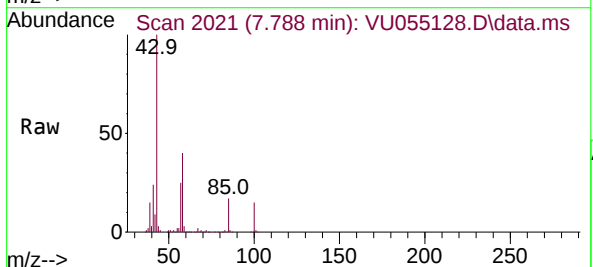
Tgt Ion: 43 Resp: 337839

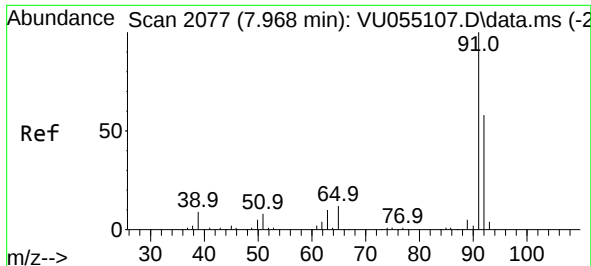
Ion Ratio Lower Upper

43 100

58 40.0 31.5 47.3

100 14.4 11.8 17.8





#42

Toluene

Concen: 4.843 ug/L

RT: 7.968 min Scan# 2077

Delta R.T. 0.000 min

Lab File: VU055128.D

Acq: 06 Sep 2023 05:27

Instrument :

MSVOA_U

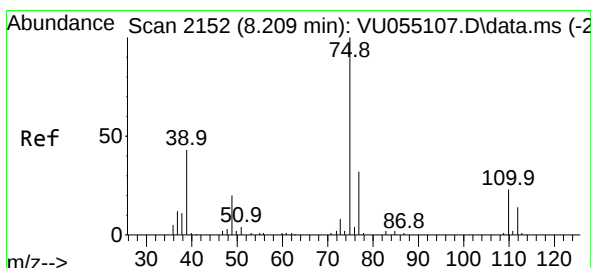
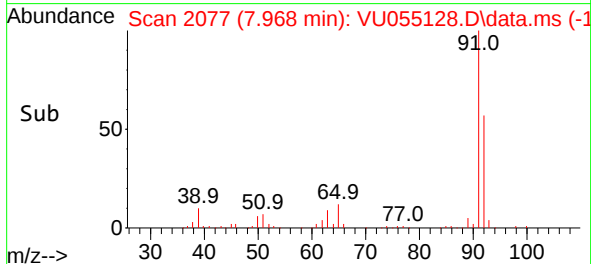
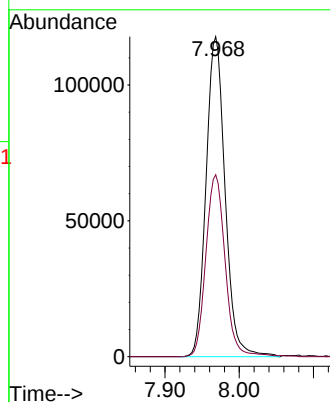
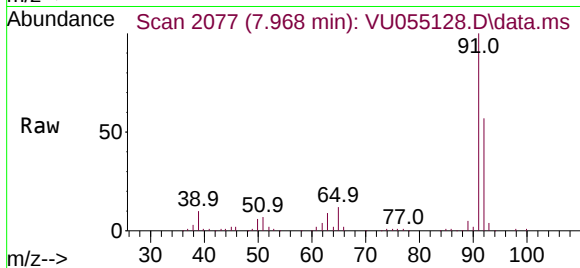
ClientSampleId :

Tgt Ion: 91 Resp: 209477

Ion Ratio Lower Upper

91 100

92 56.9 41.9 77.9



#44

trans-1,3-Dichloropropene

Concen: 4.513 ug/L

RT: 8.209 min Scan# 2152

Delta R.T. 0.000 min

Lab File: VU055128.D

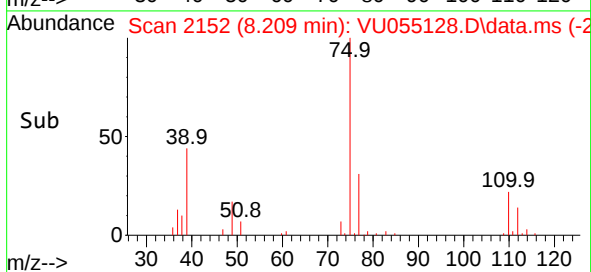
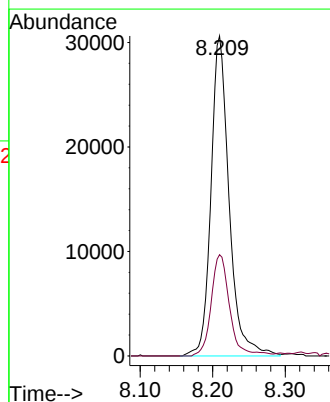
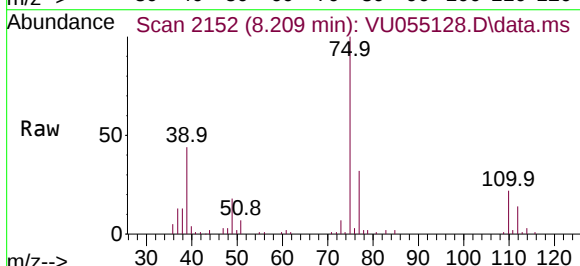
Acq: 06 Sep 2023 05:27

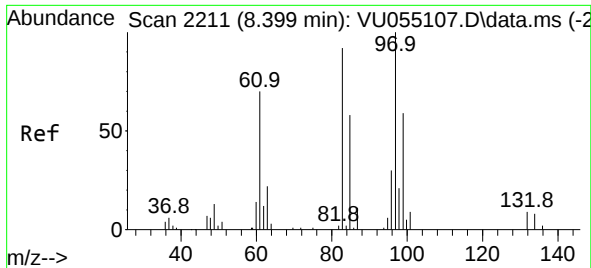
Tgt Ion: 75 Resp: 53229

Ion Ratio Lower Upper

75 100

77 31.6 20.5 38.1

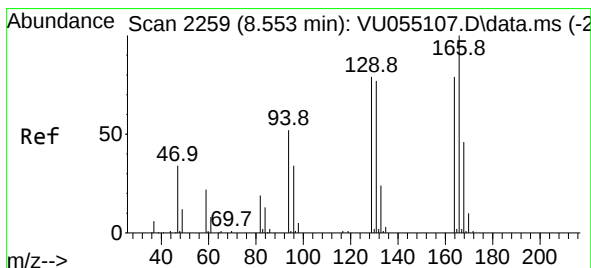
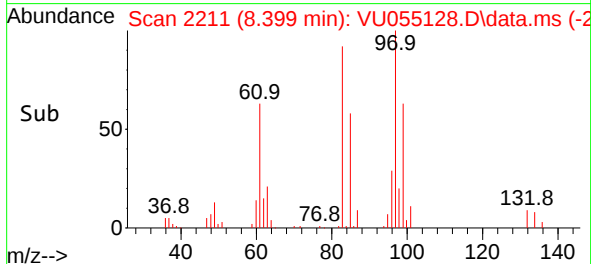
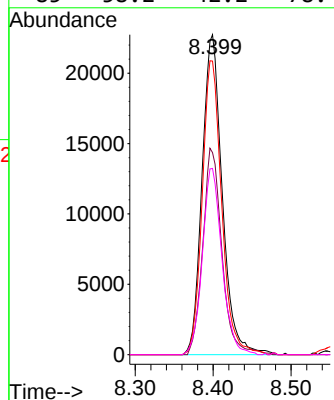
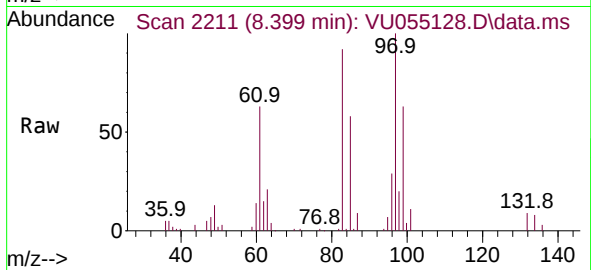




#45
1,1,2-Trichloroethane
Concen: 5.497 ug/L
RT: 8.399 min Scan# 211
Delta R.T. 0.000 min
Lab File: VU055128.D
Acq: 06 Sep 2023 05:27

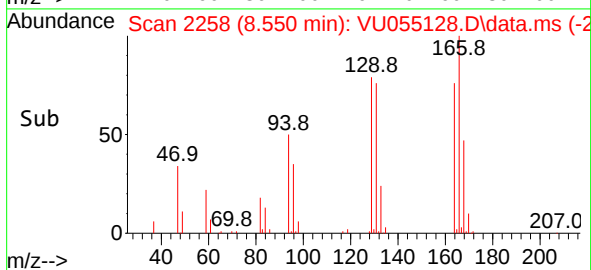
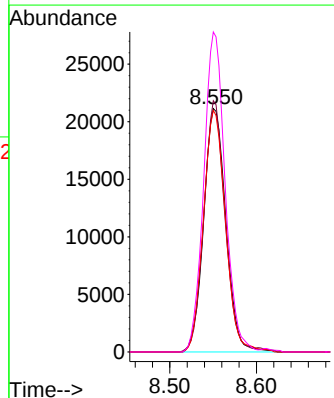
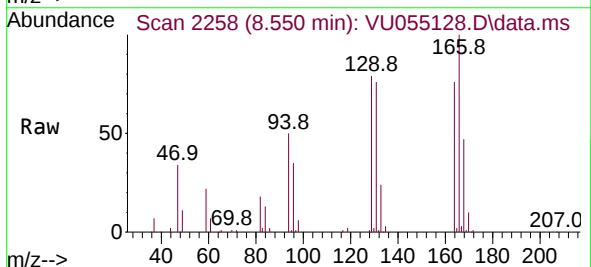
Instrument :
MSVOA_U
ClientSampleId :

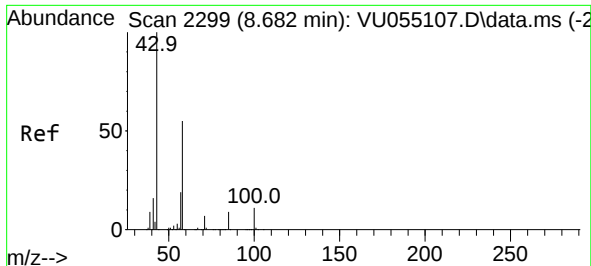
Tgt Ion:	97	Resp:	40904
Ion	Ratio	Lower	Upper
97	100		
99	63.2	44.9	83.5
83	91.7	66.9	124.3
85	58.2	42.2	78.4



#47
Tetrachloroethene
Concen: 4.840 ug/L
RT: 8.550 min Scan# 2258
Delta R.T. -0.003 min
Lab File: VU055128.D
Acq: 06 Sep 2023 05:27

Tgt Ion:	164	Resp:	37726
Ion	Ratio	Lower	Upper
164	100		
129	103.2	69.2	128.6
131	99.3	68.8	127.8
166	131.5	92.3	171.5





#48

2-Hexanone

Concen: 50.593 ug/L

RT: 8.682 min Scan# 21

Delta R.T. 0.000 min

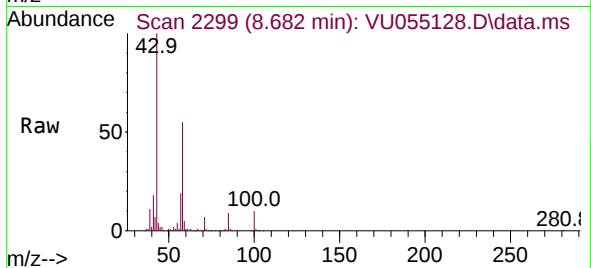
Lab File: VU055128.D

Acq: 06 Sep 2023 05:27

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion: 43 Resp: 249719

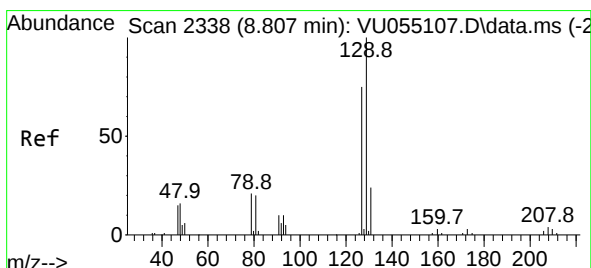
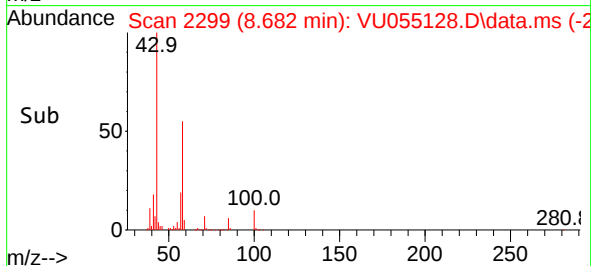
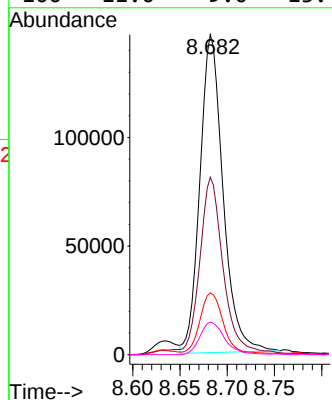
Ion Ratio Lower Upper

43 100

58 58.4 44.0 66.0

57 20.3 16.2 24.2

100 11.0 9.0 13.4



#49

Dibromochloromethane

Concen: 4.993 ug/L

RT: 8.807 min Scan# 2338

Delta R.T. 0.000 min

Lab File: VU055128.D

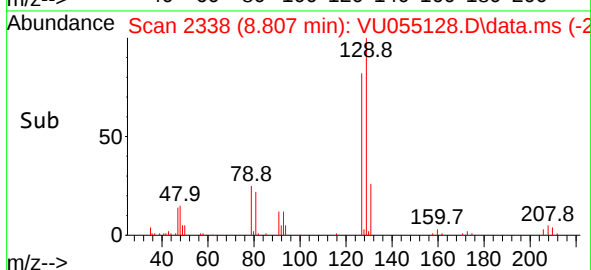
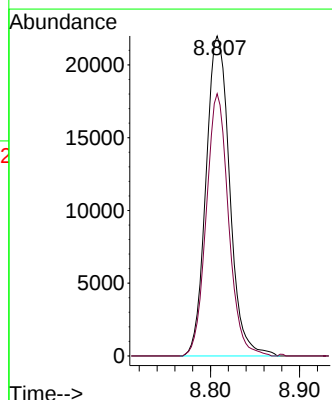
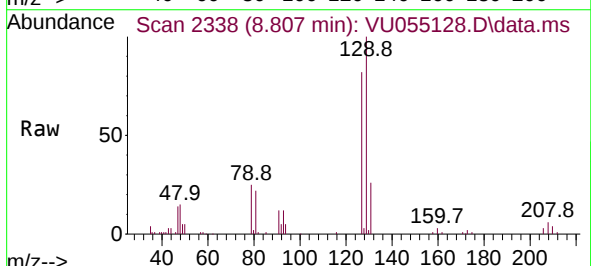
Acq: 06 Sep 2023 05:27

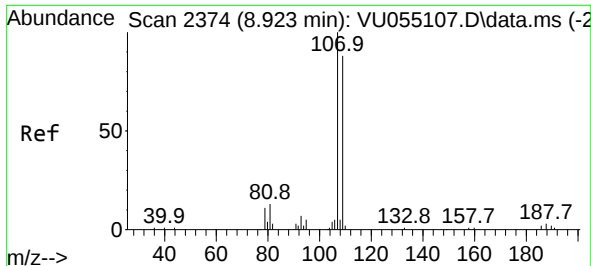
Tgt Ion: 129 Resp: 40556

Ion Ratio Lower Upper

129 100

127 82.0 55.9 103.7

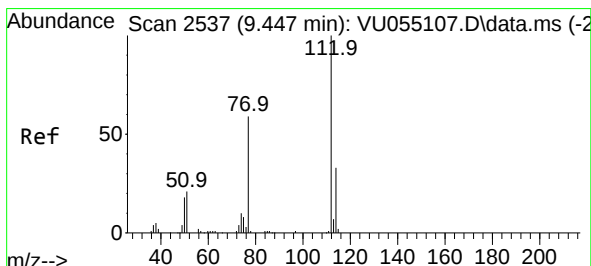
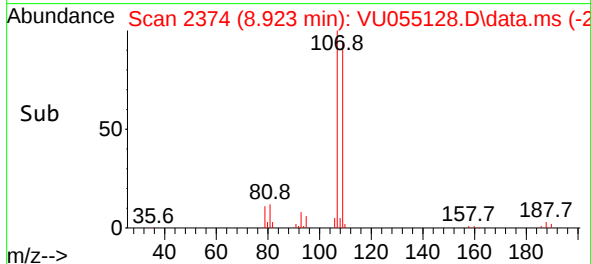
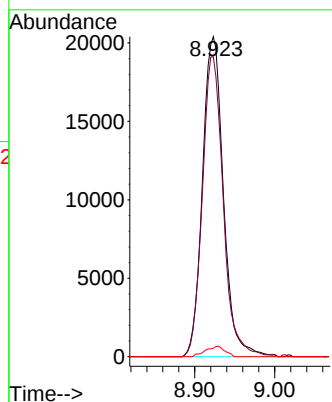
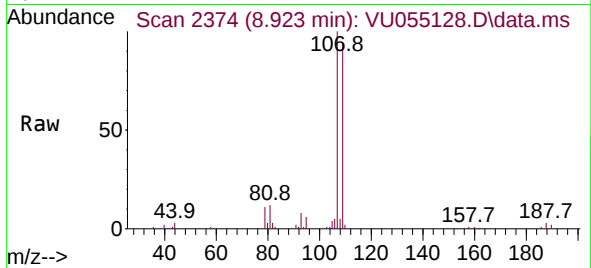




#50
1,2-Dibromoethane
Concen: 5.480 ug/L
RT: 8.923 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU055128.D
Acq: 06 Sep 2023 05:27

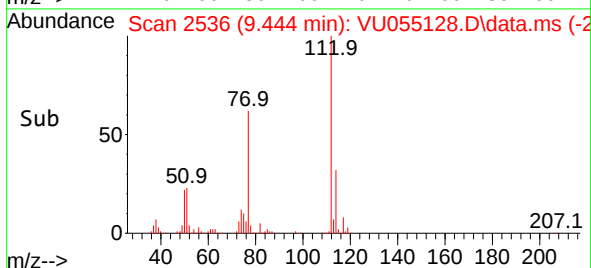
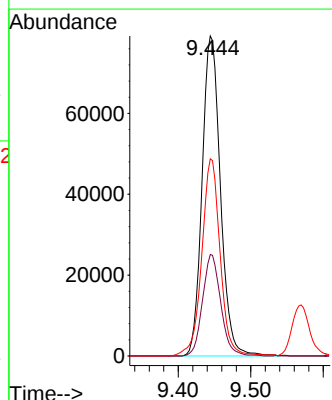
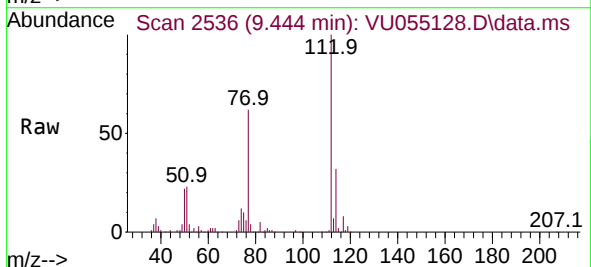
Instrument :
MSVOA_U
ClientSampleId :

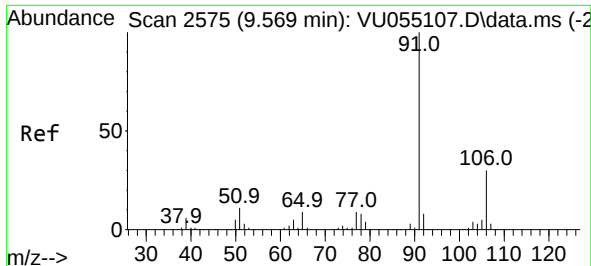
Tgt Ion:107 Resp: 37131
Ion Ratio Lower Upper
107 100
109 93.8 71.4 132.6
188 2.6 3.1 4.7#



#51
Chlorobenzene
Concen: 4.860 ug/L
RT: 9.444 min Scan# 2536
Delta R.T. -0.003 min
Lab File: VU055128.D
Acq: 06 Sep 2023 05:27

Tgt Ion:112 Resp: 139228
Ion Ratio Lower Upper
112 100
114 31.7 21.7 40.3
77 61.6 48.6 72.8

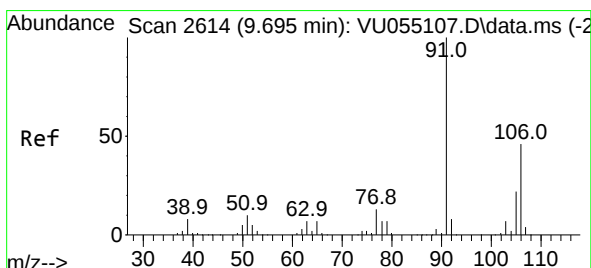
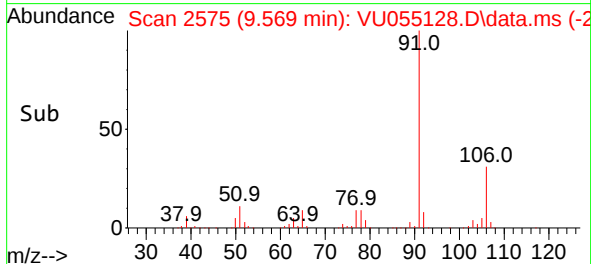
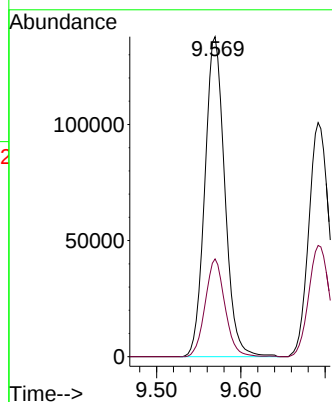
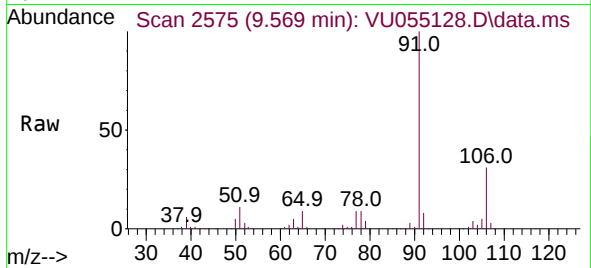




#52
Ethylbenzene
Concen: 4.689 ug/L
RT: 9.569 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU055128.D
Acq: 06 Sep 2023 05:27

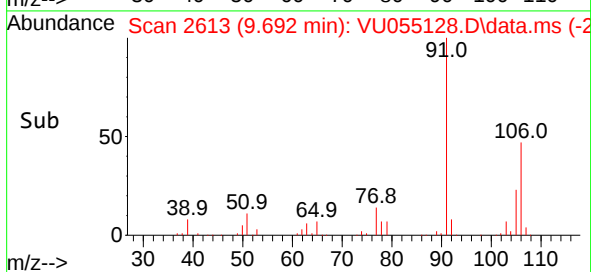
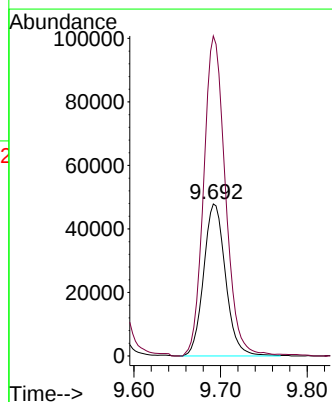
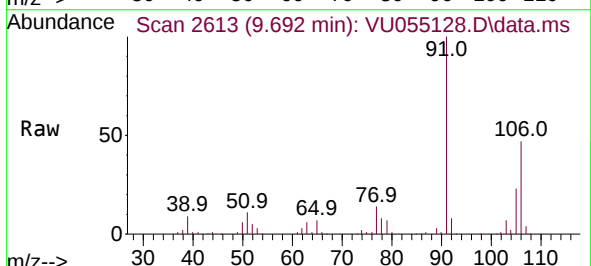
Instrument :
MSVOA_U
ClientSampleId :

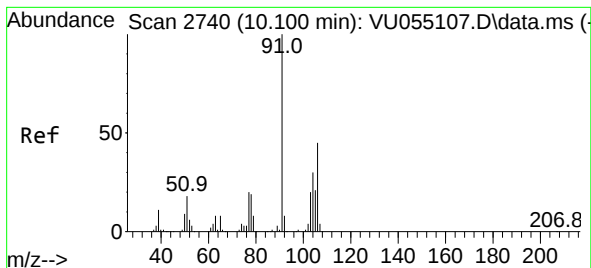
Tgt Ion: 91 Resp: 226926
Ion Ratio Lower Upper
91 100
106 30.5 21.5 39.9



#53
m,p-Xylene
Concen: 4.703 ug/L
RT: 9.692 min Scan# 2613
Delta R.T. -0.003 min
Lab File: VU055128.D
Acq: 06 Sep 2023 05:27

Tgt Ion: 106 Resp: 84218
Ion Ratio Lower Upper
106 100
91 210.6 148.3 275.5





#54

o-Xylene

Concen: 4.653 ug/L

RT: 10.097 min Scan# 2739

Delta R.T. -0.003 min

Lab File: VU055128.D

Acq: 06 Sep 2023 05:27

Instrument :

MSVOA_U

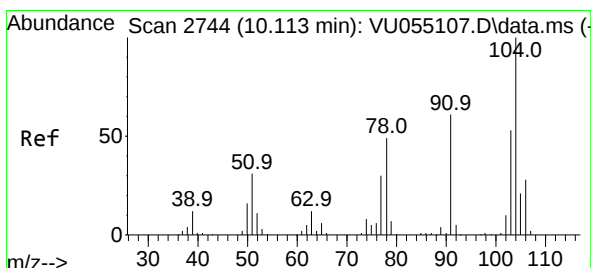
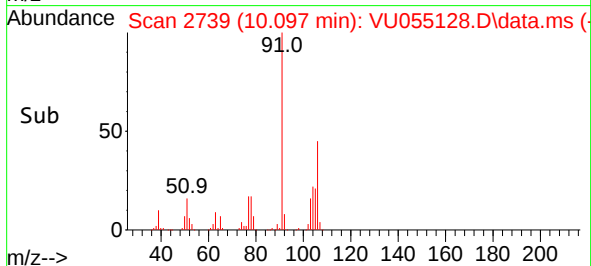
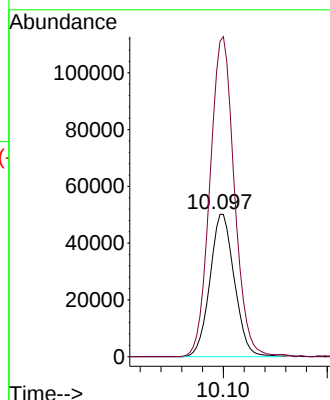
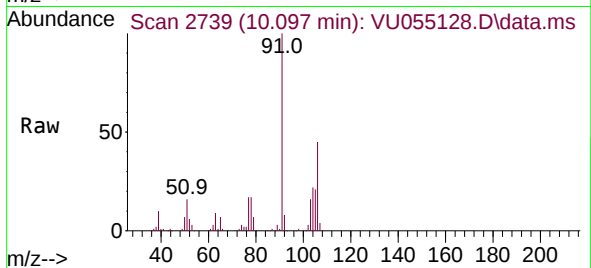
ClientSampleId :

Tgt Ion:106 Resp: 82000

Ion Ratio Lower Upper

106 100

91 221.5 152.9 284.1



#55

Styrene

Concen: 4.756 ug/L

RT: 10.113 min Scan# 2744

Delta R.T. 0.000 min

Lab File: VU055128.D

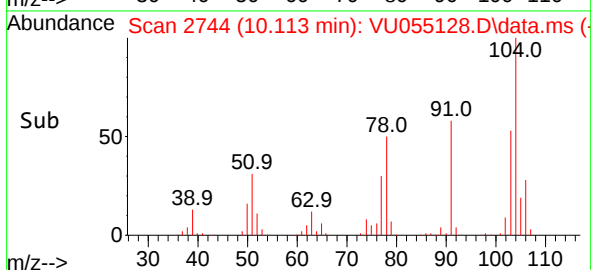
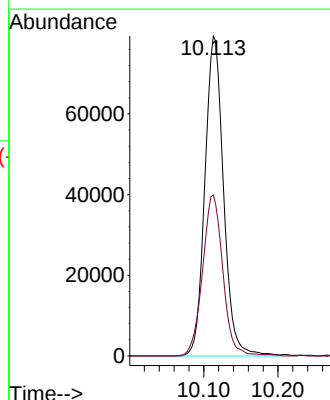
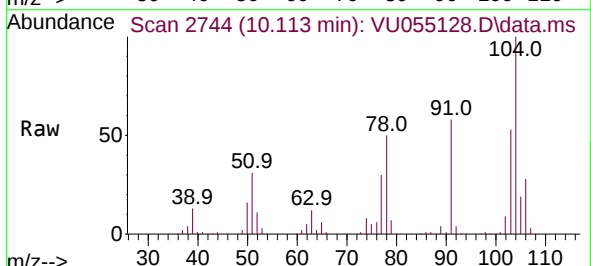
Acq: 06 Sep 2023 05:27

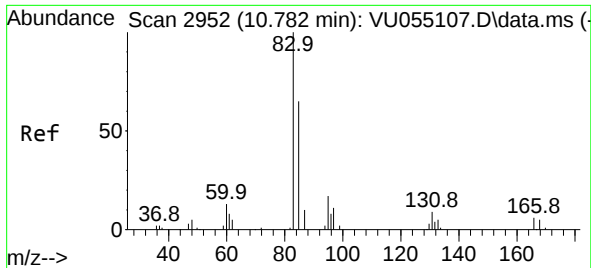
Tgt Ion:104 Resp: 138402

Ion Ratio Lower Upper

104 100

78 50.4 32.8 61.0

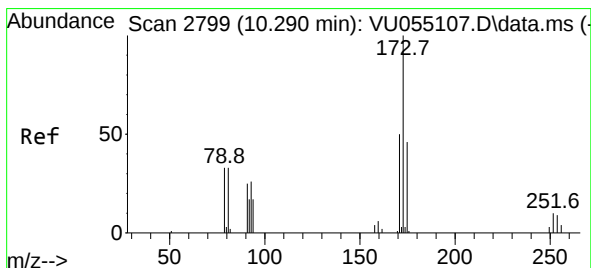
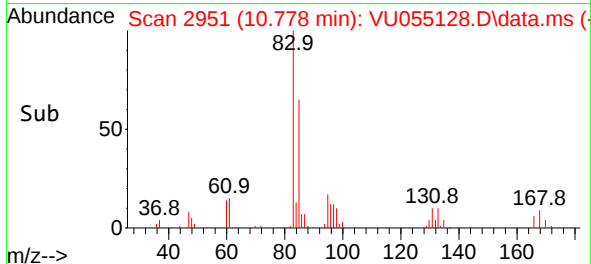
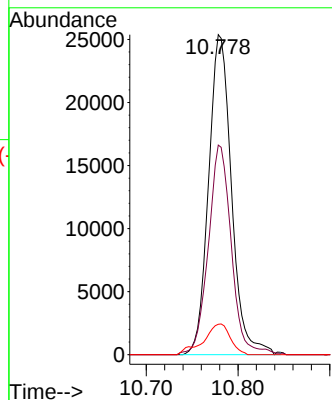
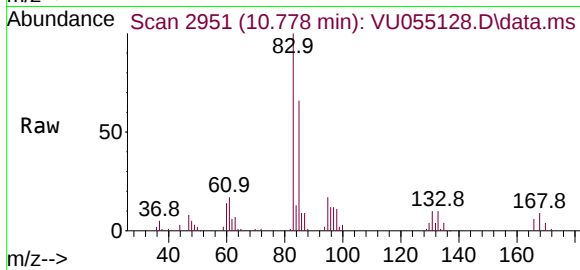




#57
1,1,2,2-Tetrachloroethane
Concen: 4.755 ug/L
RT: 10.778 min Scan# 2951
Delta R.T. -0.003 min
Lab File: VU055128.D
Acq: 06 Sep 2023 05:27

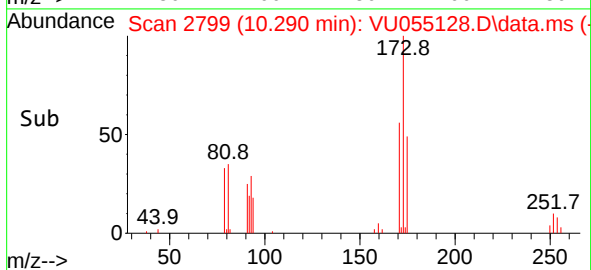
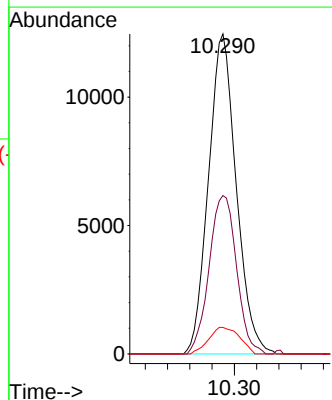
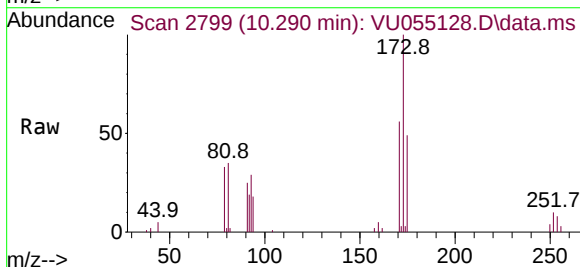
Instrument :
MSVOA_U
ClientSampleId :

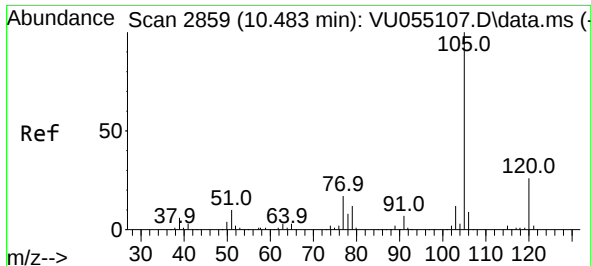
Tgt Ion: 83 Resp: 44074
Ion Ratio Lower Upper
83 100
85 65.5 42.4 78.6
131 9.5 7.6 11.4



#59
Bromoform
Concen: 4.885 ug/L
RT: 10.290 min Scan# 2799
Delta R.T. 0.000 min
Lab File: VU055128.D
Acq: 06 Sep 2023 05:27

Tgt Ion:173 Resp: 21535
Ion Ratio Lower Upper
173 100
175 48.9 40.9 61.3
254 9.2 7.0 10.4

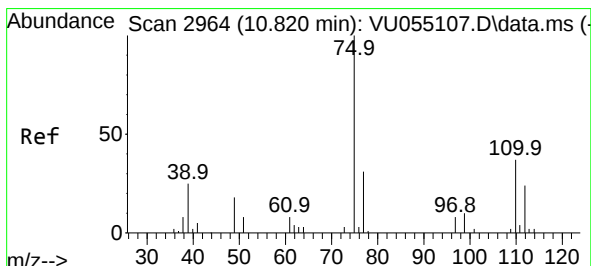
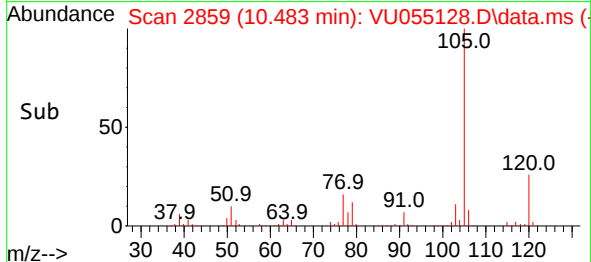
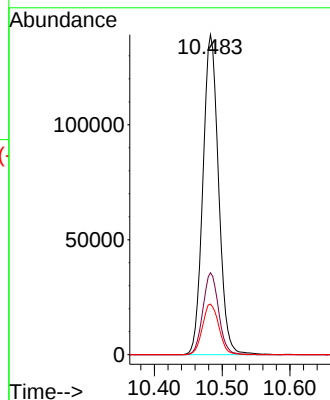
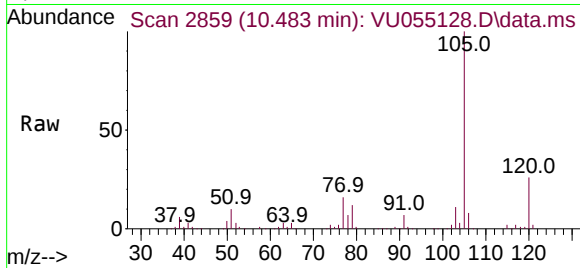




#60
Isopropylbenzene
Concen: 4.339 ug/L
RT: 10.483 min Scan# 2859
Delta R.T. 0.000 min
Lab File: VU055128.D
Acq: 06 Sep 2023 05:27

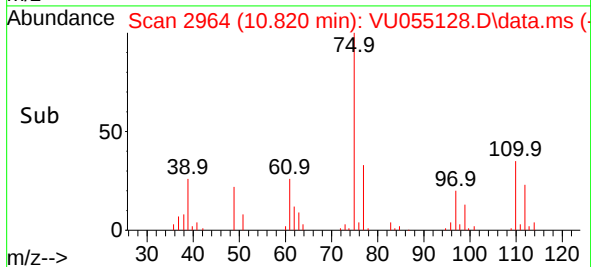
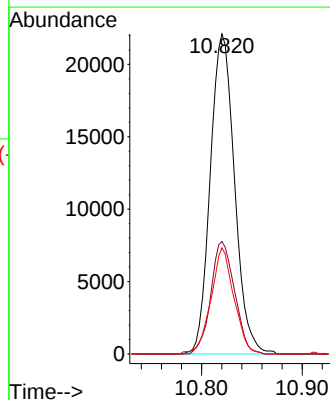
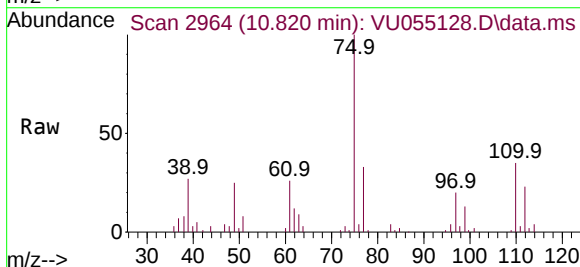
Instrument :
MSVOA_U
ClientSampleId :

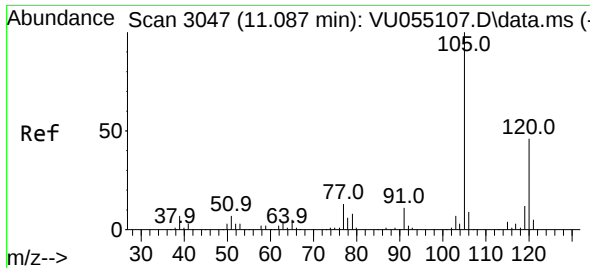
Tgt Ion:105 Resp: 223234
Ion Ratio Lower Upper
105 100
120 25.7 20.1 30.1
77 16.5 13.4 20.0



#61
1,2,3-Trichloropropane
Concen: 5.061 ug/L
RT: 10.820 min Scan# 2964
Delta R.T. 0.000 min
Lab File: VU055128.D
Acq: 06 Sep 2023 05:27

Tgt Ion: 75 Resp: 37059
Ion Ratio Lower Upper
75 100
110 34.3 28.2 42.2
77 31.4 26.2 39.4

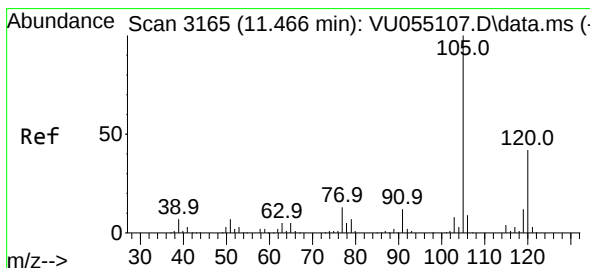
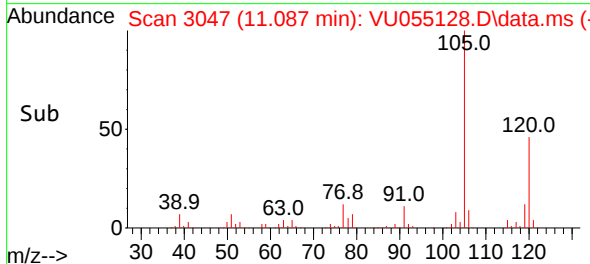
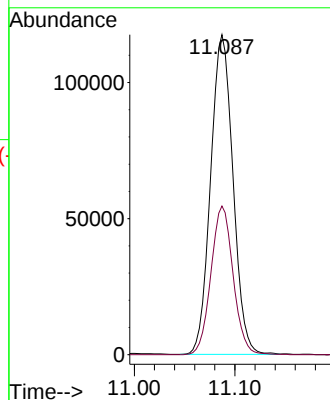
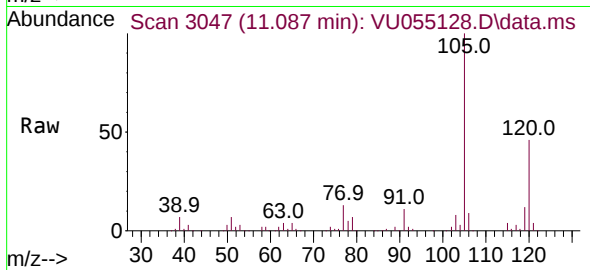




#62
1,3,5-Trimethylbenzene
Concen: 4.248 ug/L
RT: 11.087 min Scan# 3047
Delta R.T. 0.000 min
Lab File: VU055128.D
Acq: 06 Sep 2023 05:27

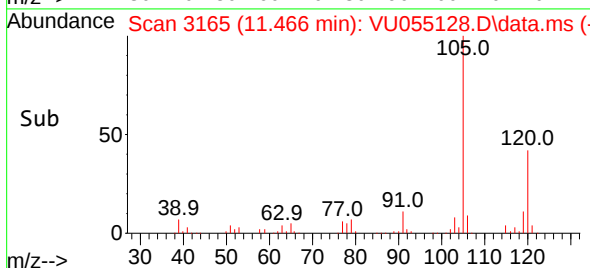
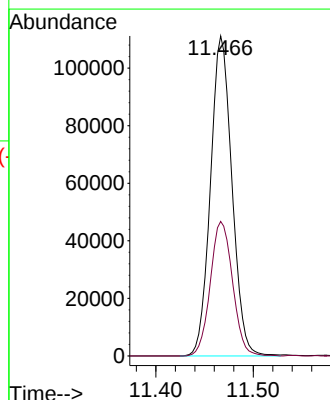
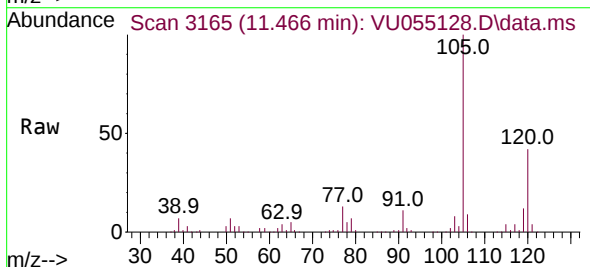
Instrument :
MSVOA_U
ClientSampleId :

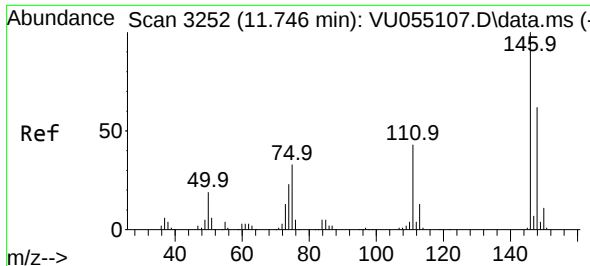
Tgt Ion:105 Resp: 181815
Ion Ratio Lower Upper
105 100
120 46.1 37.9 56.9



#63
1,2,4-Trimethylbenzene
Concen: 4.040 ug/L
RT: 11.466 min Scan# 3165
Delta R.T. 0.000 min
Lab File: VU055128.D
Acq: 06 Sep 2023 05:27

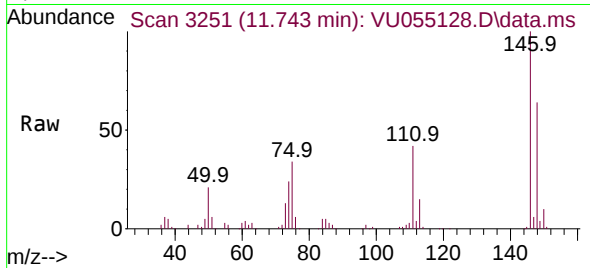
Tgt Ion:105 Resp: 170423
Ion Ratio Lower Upper
105 100
120 43.6 35.4 53.0



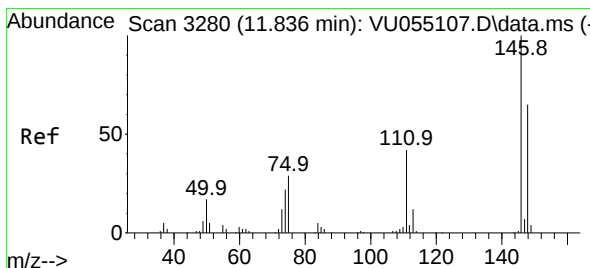
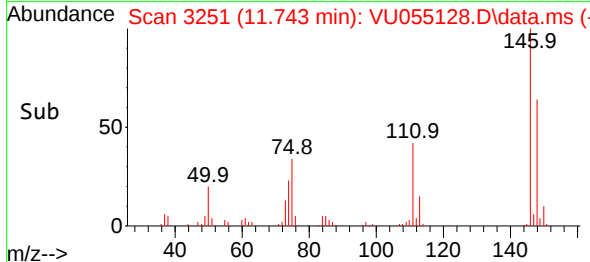
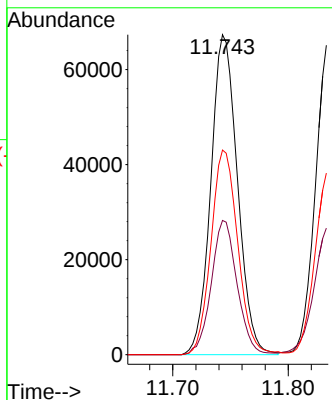


#64
1,3-Dichlorobenzene
Concen: 4.361 ug/L
RT: 11.743 min Scan# 31
Delta R.T. -0.003 min
Lab File: VU055128.D
Acq: 06 Sep 2023 05:27

Instrument :
MSVOA_U
ClientSampleId :

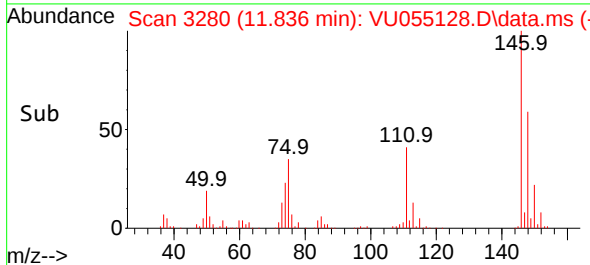
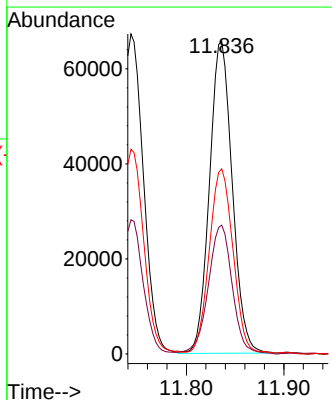
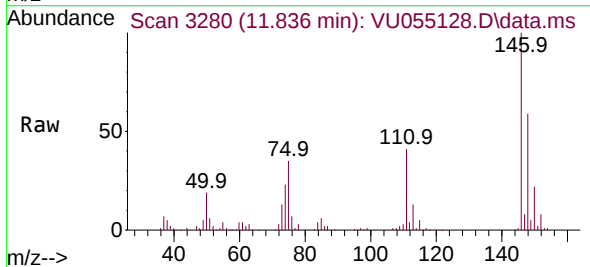


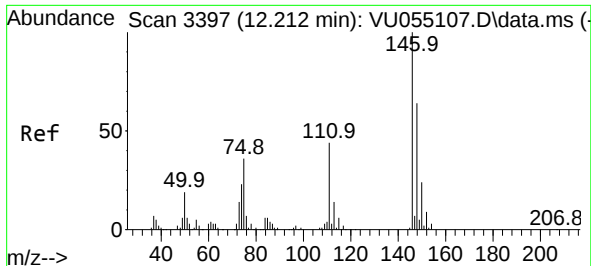
Tgt Ion:146 Resp: 107718
Ion Ratio Lower Upper
146 100
111 41.9 30.0 55.6
148 64.0 45.2 84.0



#65
1,4-Dichlorobenzene
Concen: 4.340 ug/L
RT: 11.836 min Scan# 3280
Delta R.T. 0.000 min
Lab File: VU055128.D
Acq: 06 Sep 2023 05:27

Tgt Ion:146 Resp: 106852
Ion Ratio Lower Upper
146 100
111 41.2 28.1 52.1
148 59.2 43.8 81.3





#67

1,2-Dichlorobenzene

Concen: 4.409 ug/L

RT: 12.209 min Scan# 31

Delta R.T. -0.003 min

Lab File: VU055128.D

Acq: 06 Sep 2023 05:27

Instrument :

MSVOA_U

ClientSampleId :

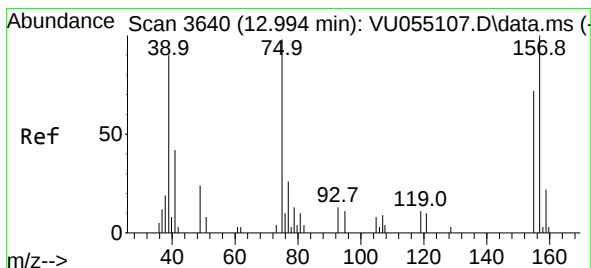
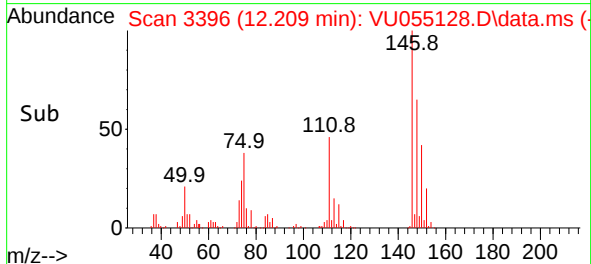
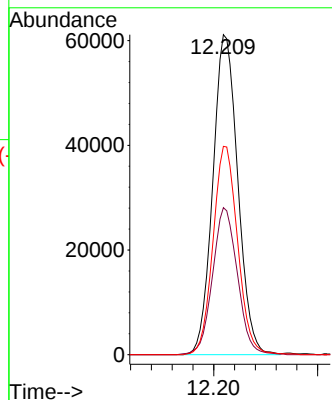
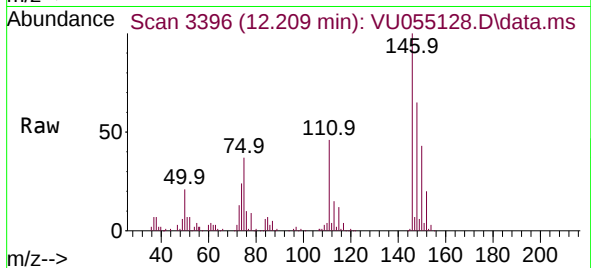
Tgt Ion:146 Resp: 102115

Ion Ratio Lower Upper

146 100

111 46.0 35.6 53.4

148 65.1 51.3 76.9



#68

1,2-Dibromo-3-chloropropane

Concen: 5.022 ug/L

RT: 12.997 min Scan# 3641

Delta R.T. 0.003 min

Lab File: VU055128.D

Acq: 06 Sep 2023 05:27

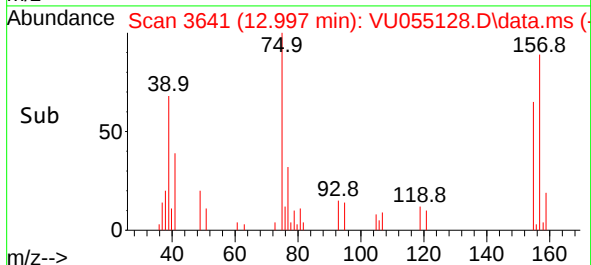
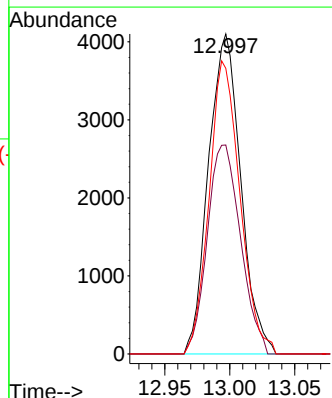
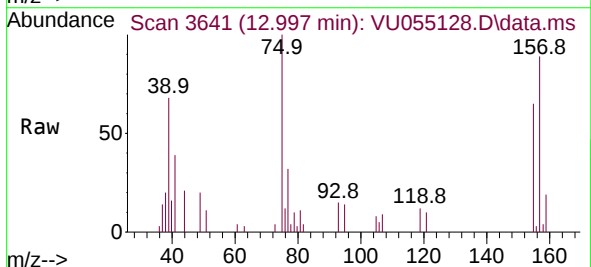
Tgt Ion: 75 Resp: 7084

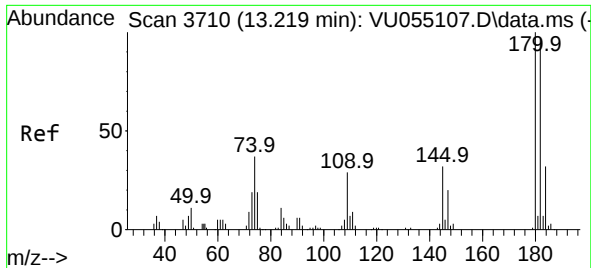
Ion Ratio Lower Upper

75 100

155 65.3 61.1 91.7

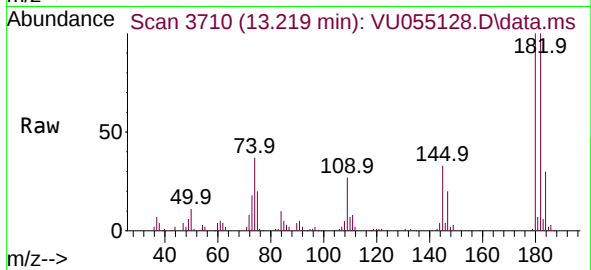
157 89.3 66.8 100.2



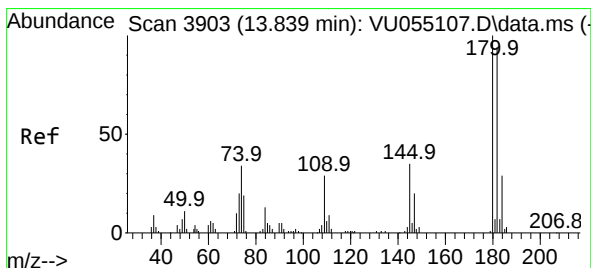
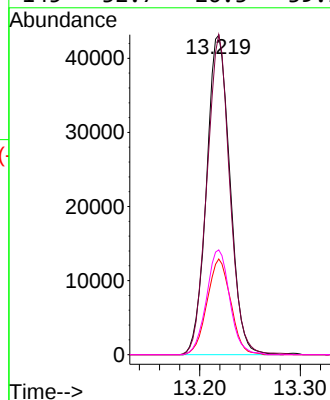
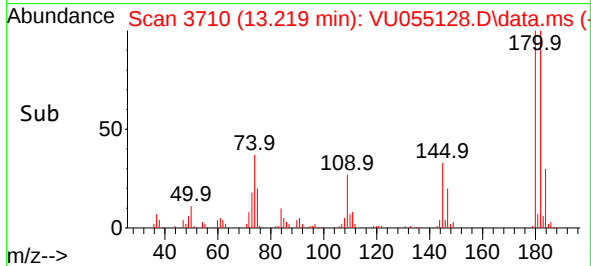


#69
 1,3,5-Trichlorobenzene
 Concen: 3.733 ug/L
 RT: 13.219 min Scan# 3710
 Delta R.T. 0.000 min
 Lab File: VU055128.D
 Acq: 06 Sep 2023 05:27

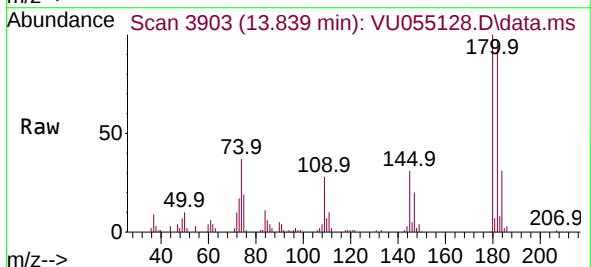
Instrument :
 MSVOA_U
 ClientSampleId :



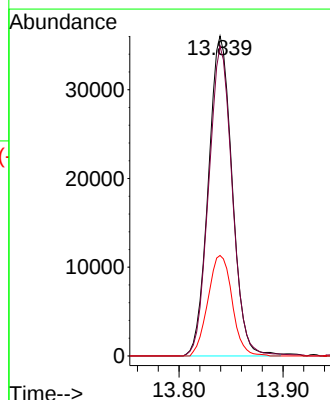
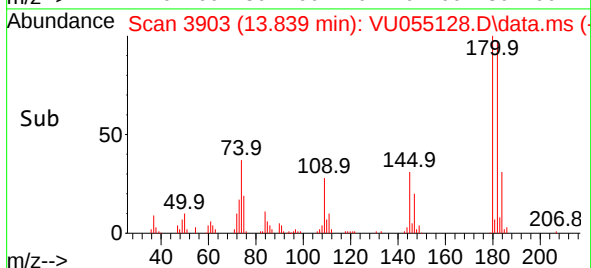
Tgt Ion:180 Resp: 69685
 Ion Ratio Lower Upper
 180 100
 182 97.8 75.8 113.6
 184 30.1 24.0 36.0
 145 32.7 26.3 39.5

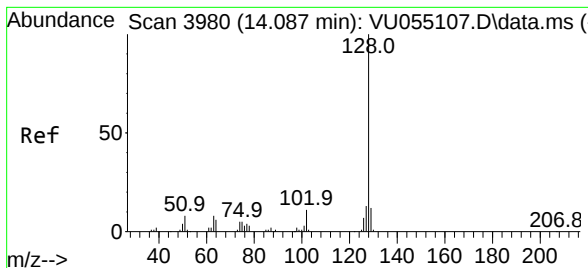


#70
 1,2,4-trichlorobenzene
 Concen: 3.275 ug/L
 RT: 13.839 min Scan# 3903
 Delta R.T. 0.000 min
 Lab File: VU055128.D
 Acq: 06 Sep 2023 05:27



Tgt Ion:180 Resp: 57316
 Ion Ratio Lower Upper
 180 100
 182 96.1 73.6 110.4
 145 31.9 25.8 38.8





#71

Naphthalene

Concen: 2.682 ug/L

RT: 14.087 min Scan# 3980

Delta R.T. 0.000 min

Lab File: VU055128.D

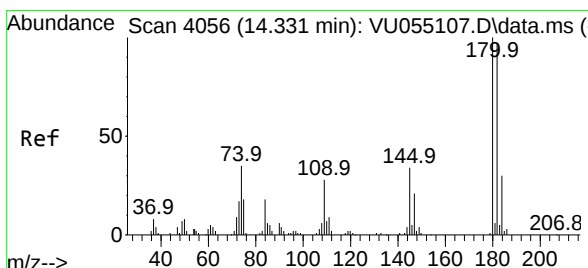
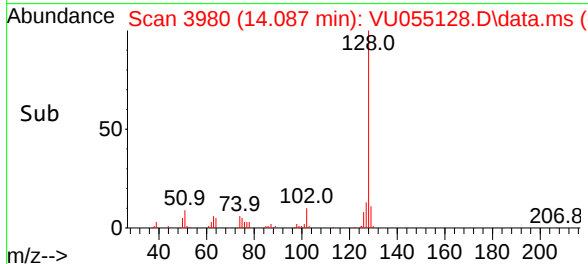
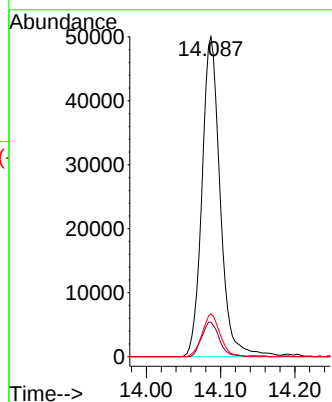
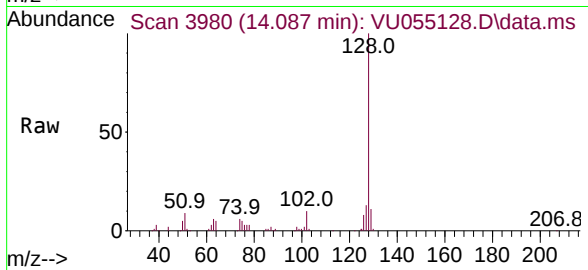
Acq: 06 Sep 2023 05:27

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:128	Resp:	85334
Ion Ratio	Lower	Upper
128	100	
129	10.4	8.2 12.2
127	13.1	10.0 15.0



#72

1,2,3-Trichlorobenzene

Concen: 3.417 ug/L

RT: 14.328 min Scan# 4055

Delta R.T. -0.003 min

Lab File: VU055128.D

Acq: 06 Sep 2023 05:27

Tgt Ion:180	Resp:	51916
Ion Ratio	Lower	Upper
180	100	
182	92.6	75.6 113.4
145	33.6	27.0 40.6

