

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091523\
 Data File : VU055336.D
 Acq On : 15 Sep 2023 13:16
 Operator : MD/SY
 Sample : VSTD00156
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 16 00:15:43 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091523WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Sep 16 00:14:42 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	183225	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	193141	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	95851	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	10300	0.995	ug/L	0.00
7) Chloroethane-d5	1.911	69	11465	1.341	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.563	65	3987	0.901	ug/L	0.00
20) 2-Butanone-d5	4.644	46	27228	13.350	ug/L	0.02
24) Chloroform-d	5.062	84	22233	1.101	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.705	65	11441	1.206	ug/L	0.00
32) Benzene-d6	5.727	84	38451	0.946	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.689	67	13342	1.097	ug/L	0.00
41) Toluene-d8	7.898	98	30393	0.805	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.181	79	4295	0.913	ug/L	0.00
46) 2-Hexanone-d5	8.634	63	12687	8.566	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.753	84	11231	1.224	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.190	152	11391	0.938	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.380	85	18492	1.267	ug/L	100
3) Chloromethane	1.515	50	18477	1.341	ug/L	96
5) Vinyl chloride	1.599	62	19510	1.345	ug/L	98
6) Bromomethane	1.856	94	15328	1.622	ug/L	85
8) Chloroethane	1.930	64	15241	1.545	ug/L	99
9) Trichlorofluoromethane	2.133	101	30283	1.306	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	14978	1.169	ug/L	99
12) 1,1-Dichloroethene	2.576	96	13495	1.177	ug/L	91
13) Acetone	2.644	43	19714	8.590	ug/L	99
14) Carbon disulfide	2.789	76	41837	1.364	ug/L	98
15) Methyl Acetate	2.962	43	4903	1.156	ug/L #	84
16) Methylene chloride	3.039	84	22530	1.464	ug/L	83
17) Methyl tert-butyl Ether	3.361	73	31236	1.095	ug/L	98
18) trans-1,2-Dichloroethene	3.351	96	14933	1.256	ug/L	98
19) 1,1-Dichloroethane	3.866	63	27780	1.169	ug/L	96
21) 2-Butanone	4.721	43	28012	8.915	ug/L	97
22) cis-1,2-Dichloroethene	4.663	96	16234	1.172	ug/L	97
23) Bromochloromethane	4.975	128	7296	1.225	ug/L	99
25) Chloroform	5.084	83	30776	1.197	ug/L	99
27) 1,2-Dichloroethane	5.792	62	19031	1.272	ug/L	98
29) 1,1,1-Trichloroethane	5.313	97	25119	1.038	ug/L	98
30) Cyclohexane	5.383	56	21659	1.062	ug/L	95
31) Carbon tetrachloride	5.525	117	21380	1.032	ug/L	96
33) Benzene	5.772	78	63788	1.134	ug/L	100
34) Trichloroethene	6.538	95	18110	1.188	ug/L	93
35) Methylcyclohexane	6.759	83	24485	1.086	ug/L	99
37) 1,2-Dichloropropane	6.788	63	17558	1.188	ug/L #	95
38) Bromodichloromethane	7.103	83	19285	1.047	ug/L	97
39) cis-1,3-Dichloropropene	7.605	75	21039	0.979	ug/L	96
40) 4-Methyl-2-pentanone	7.792	43	76005	10.343	ug/L	98
42) Toluene	7.968	91	65964	1.098	ug/L	99
44) trans-1,3-Dichloropropene	8.210	75	15267	0.877	ug/L	96

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091523\
 Data File : VU055336.D
 Acq On : 15 Sep 2023 13:16
 Operator : MD/SY
 Sample : VSTD00156
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 16 00:15:43 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091523WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Sep 16 00:14:42 2023
 Response via : Initial Calibration

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

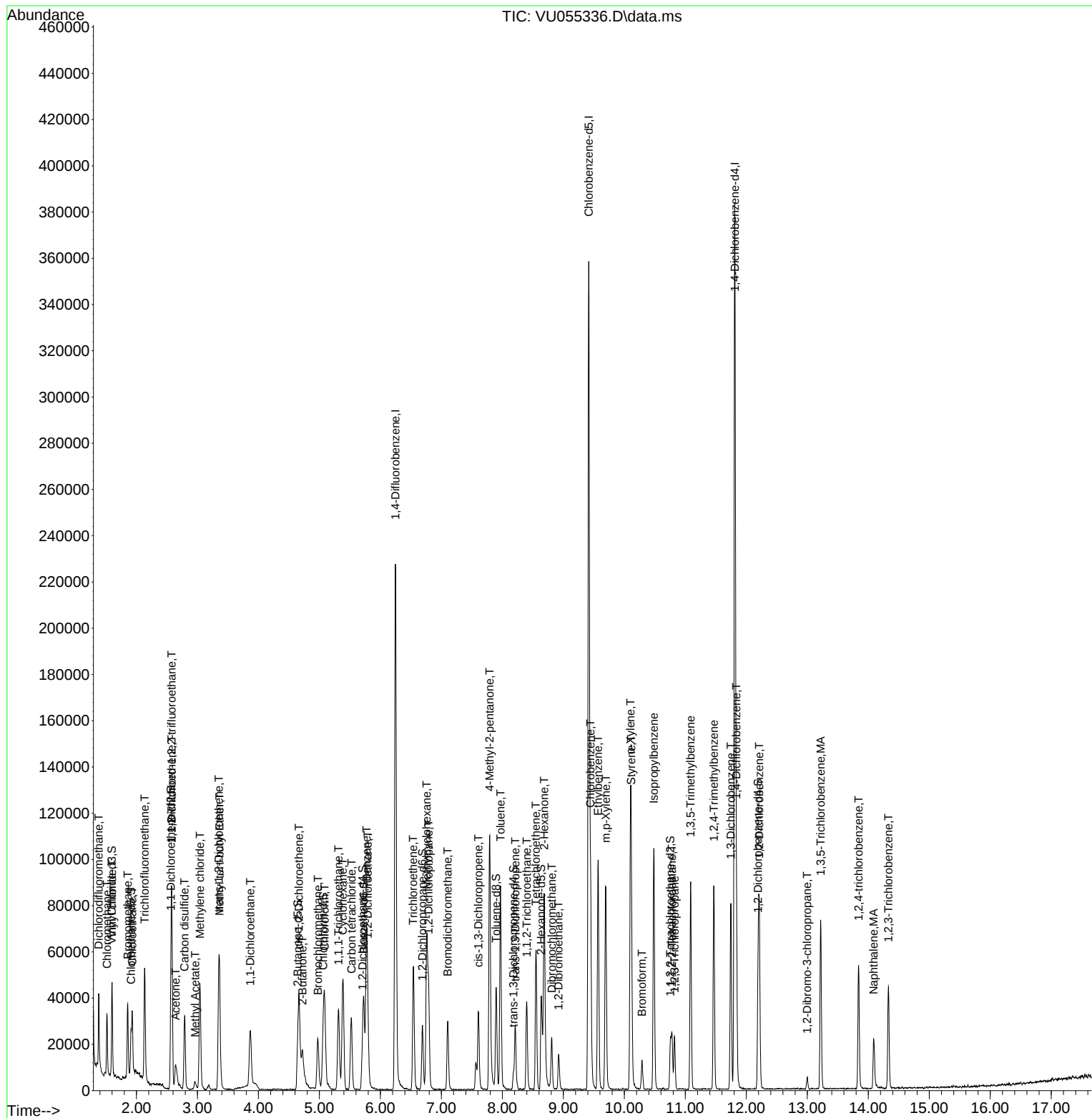
45) 1,1,2-Trichloroethane	8.399	97	11700	1.121	ug/L	90
47) Tetrachloroethene	8.550	164	12162	1.015	ug/L	97
48) 2-Hexanone	8.685	43	54444	9.706	ug/L	100
49) Dibromochloromethane	8.808	129	10422	0.904	ug/L	96
50) 1,2-Dibromoethane	8.920	107	10574	1.086	ug/L	97
51) Chlorobenzene	9.444	112	43679	1.088	ug/L	96
52) Ethylbenzene	9.570	91	73070	1.094	ug/L	97
53) m,p-Xylene	9.695	106	25483	1.005	ug/L	90
54) o-Xylene	10.100	106	24373	0.979	ug/L	93
55) Styrene	10.113	104	38545	0.946	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.779	83	12085	0.981	ug/L #	99
59) Bromoform	10.287	173	5229	0.872	ug/L	98
60) Isopropylbenzene	10.483	105	68196	1.128	ug/L	99
61) 1,2,3-Trichloropropane	10.824	75	10063	1.266	ug/L	94
62) 1,3,5-Trimethylbenzene	11.087	105	49511	1.020	ug/L	99
63) 1,2,4-Trimethylbenzene	11.467	105	48047	0.989	ug/L	97
64) 1,3-Dichlorobenzene	11.746	146	31603	1.069	ug/L	97
65) 1,4-Dichlorobenzene	11.836	146	30895	1.049	ug/L	99
67) 1,2-Dichlorobenzene	12.213	146	28258	1.045	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.997	75	1479	0.917	ug/L #	85
69) 1,3,5-Trichlorobenzene	13.219	180	21082	0.983	ug/L	100
70) 1,2,4-trichlorobenzene	13.840	180	15954	0.917	ug/L	95
71) Naphthalene	14.087	128	21056	0.842	ug/L	98
72) 1,2,3-Trichlorobenzene	14.328	180	13423	0.917	ug/L	99

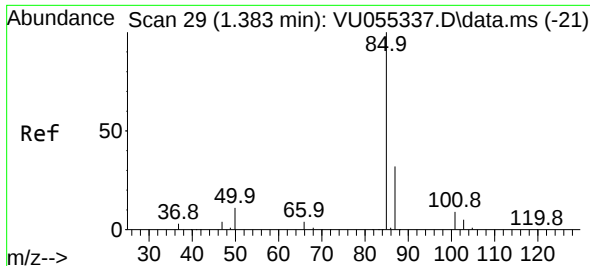
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091523\
 Data File : VU055336.D
 Acq On : 15 Sep 2023 13:16
 Operator : MD/SY
 Sample : VSTD00156
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

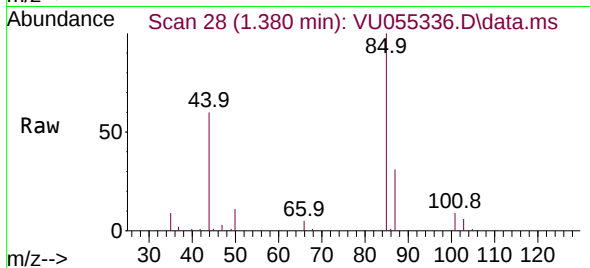
Quant Time: Sep 16 00:15:43 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091523WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Sep 16 00:14:42 2023
 Response via : Initial Calibration



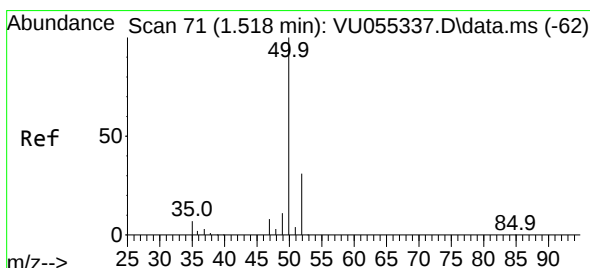
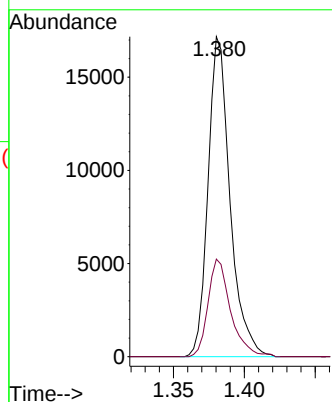
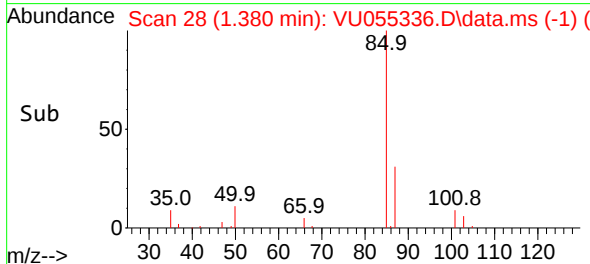


#2
 Dichlorodifluoromethane
 Concen: 1.267 ug/L
 RT: 1.380 min Scan# 21
 Delta R.T. -0.003 min
 Lab File: VU055336.D
 Acq: 15 Sep 2023 13:16

Instrument :
 MSVOA_U
 ClientSampleId :

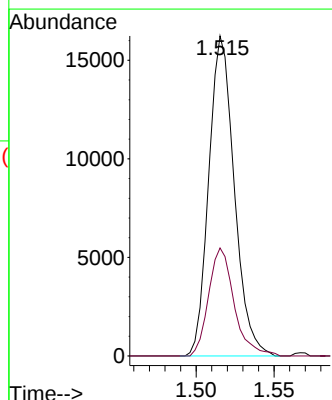
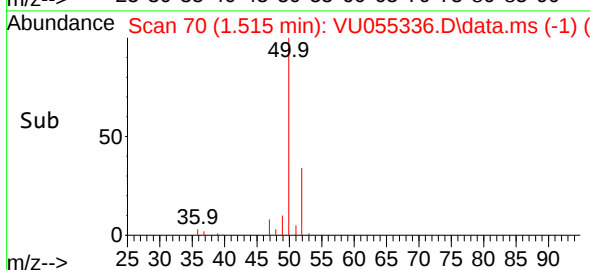
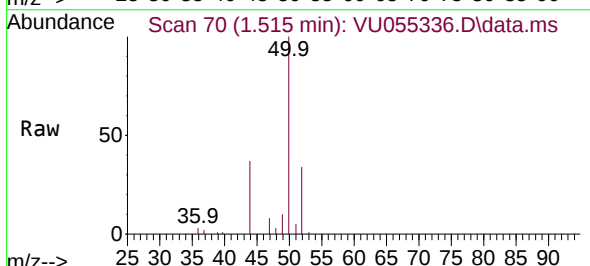


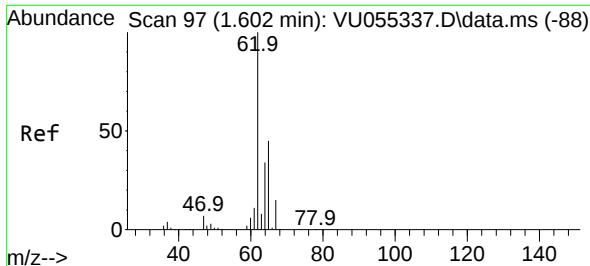
Tgt Ion: 85 Resp: 18492
 Ion Ratio Lower Upper
 85 100
 87 31.4 25.3 37.9



#3
 Chloromethane
 Concen: 1.341 ug/L
 RT: 1.515 min Scan# 70
 Delta R.T. -0.003 min
 Lab File: VU055336.D
 Acq: 15 Sep 2023 13:16

Tgt Ion: 50 Resp: 18477
 Ion Ratio Lower Upper
 50 100
 52 33.7 22.0 40.8

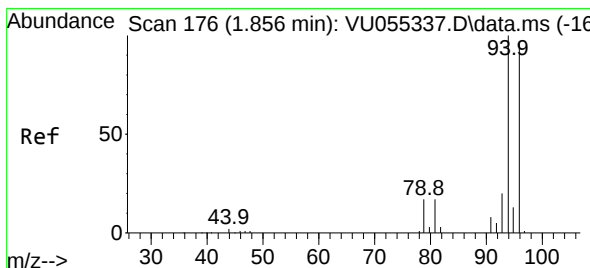
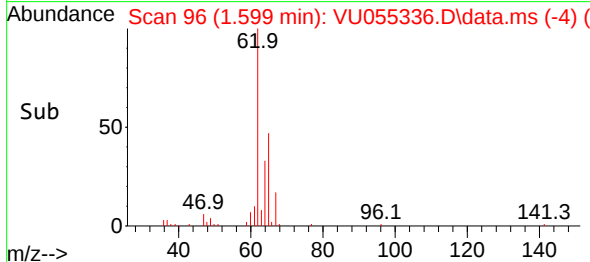
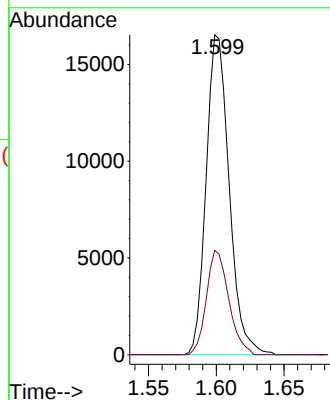
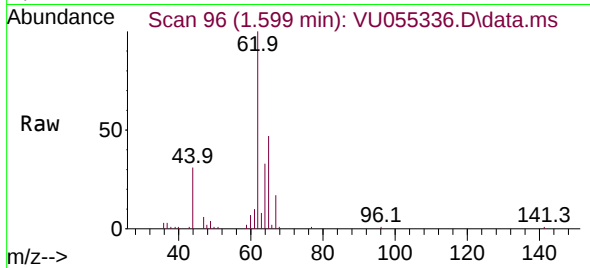




#5
 Vinyl chloride
 Concen: 1.345 ug/L
 RT: 1.599 min Scan# 90
 Delta R.T. -0.003 min
 Lab File: VU055336.D
 Acq: 15 Sep 2023 13:16

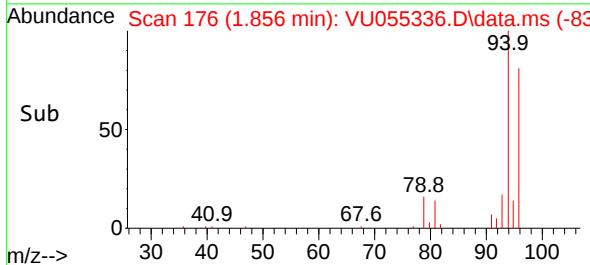
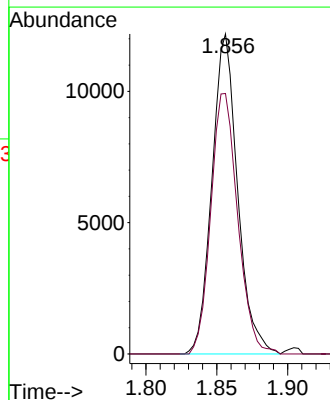
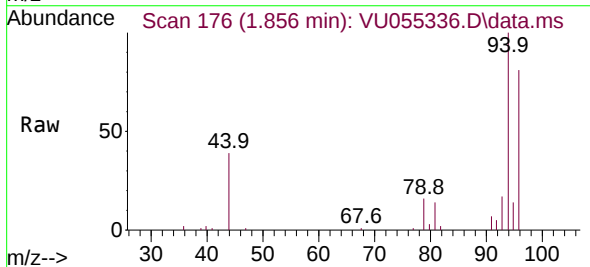
Instrument :
 MSVOA_U
 ClientSampleId :

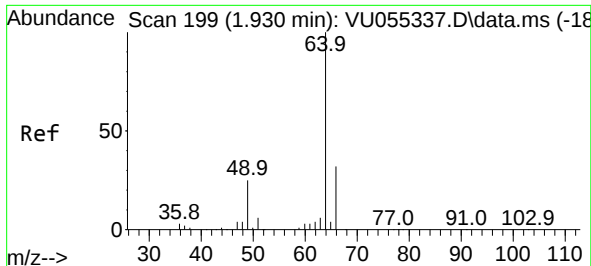
Tgt Ion: 62 Resp: 19510
 Ion Ratio Lower Upper
 62 100
 64 32.6 23.4 43.6



#6
 Bromomethane
 Concen: 1.622 ug/L
 RT: 1.856 min Scan# 176
 Delta R.T. 0.000 min
 Lab File: VU055336.D
 Acq: 15 Sep 2023 13:16

Tgt Ion: 94 Resp: 15328
 Ion Ratio Lower Upper
 94 100
 96 81.4 66.9 124.3

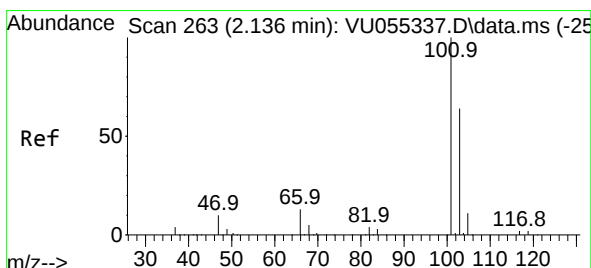
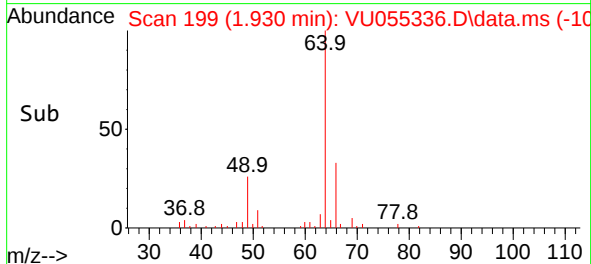
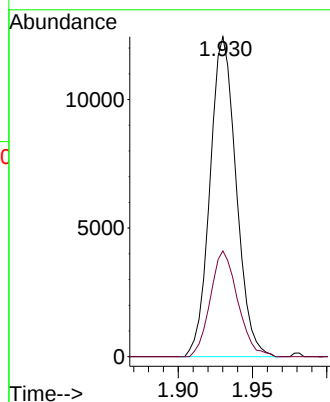
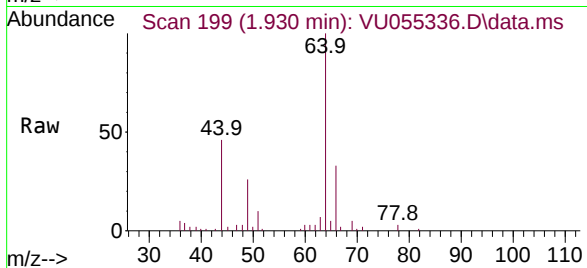




#8
Chloroethane
Concen: 1.545 ug/L
RT: 1.930 min Scan# 199
Delta R.T. 0.000 min
Lab File: VU055336.D
Acq: 15 Sep 2023 13:16

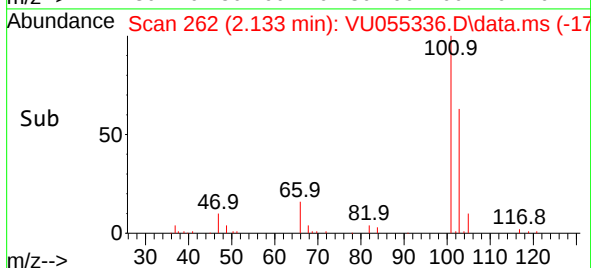
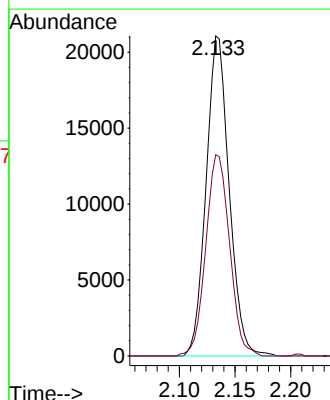
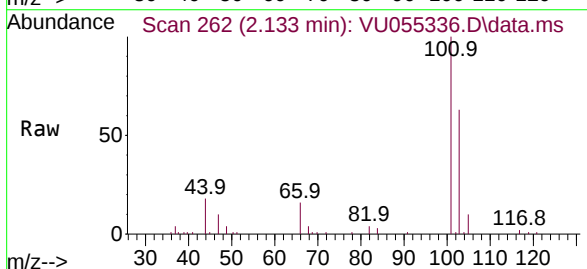
Instrument :
MSVOA_U
ClientSampleId :

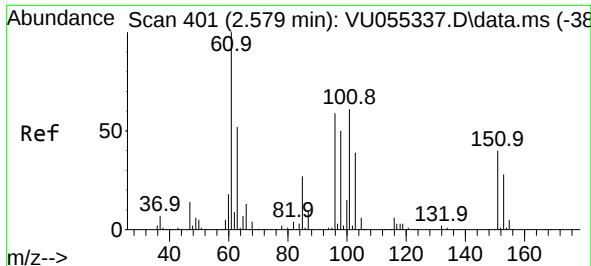
Tgt Ion: 64 Resp: 15241
Ion Ratio Lower Upper
64 100
66 33.0 22.7 42.1



#9
Trichlorofluoromethane
Concen: 1.306 ug/L
RT: 2.133 min Scan# 262
Delta R.T. -0.003 min
Lab File: VU055336.D
Acq: 15 Sep 2023 13:16

Tgt Ion:101 Resp: 30283
Ion Ratio Lower Upper
101 100
103 65.1 51.8 77.8

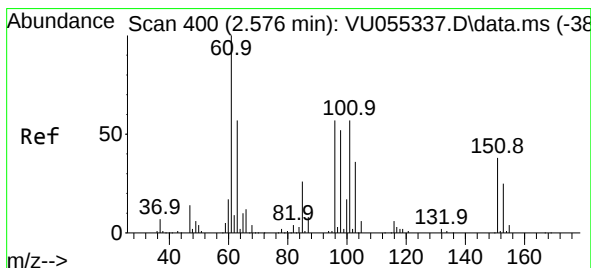
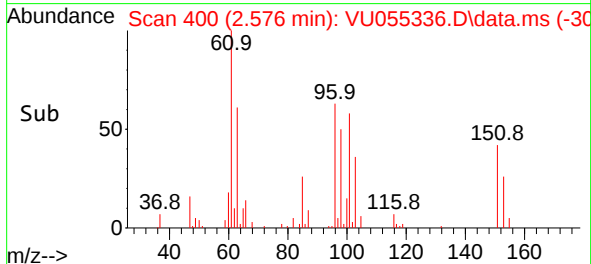
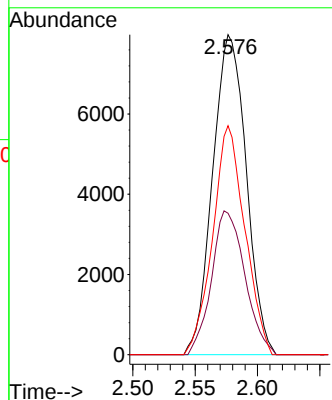
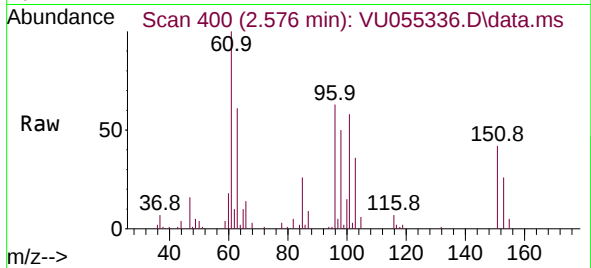




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 1.169 ug/L
RT: 2.576 min Scan# 401
Delta R.T. -0.003 min
Lab File: VU055336.D
Acq: 15 Sep 2023 13:16

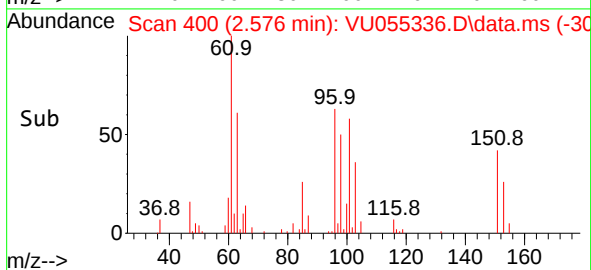
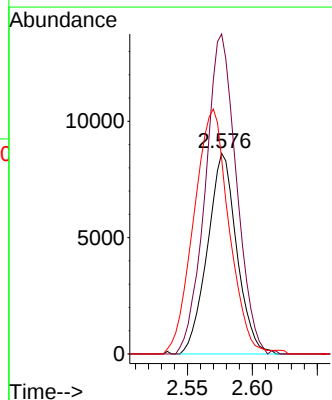
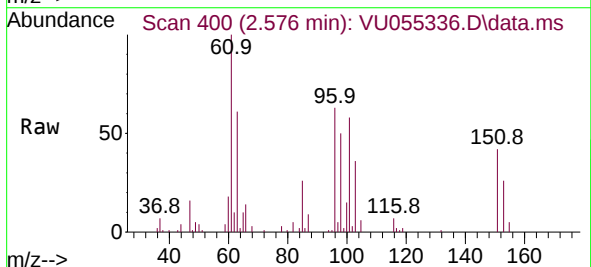
Instrument :
MSVOA_U
ClientSampleId :

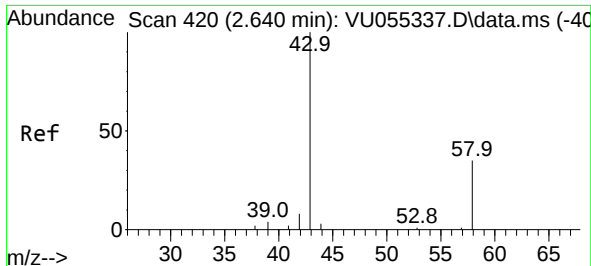
Tgt Ion:101 Resp: 14978
Ion Ratio Lower Upper
101 100
85 44.6 36.5 54.7
151 68.5 53.8 80.8



#12
1,1-Dichloroethene
Concen: 1.177 ug/L
RT: 2.576 min Scan# 400
Delta R.T. 0.000 min
Lab File: VU055336.D
Acq: 15 Sep 2023 13:16

Tgt Ion: 96 Resp: 13495
Ion Ratio Lower Upper
96 100
61 159.5 122.8 228.0
63 97.2 71.7 133.3





#13

Acetone

Concen: 8.590 ug/L

RT: 2.644 min Scan# 41

Delta R.T. 0.003 min

Lab File: VU055336.D

Acq: 15 Sep 2023 13:16

Instrument :

MSVOA_U

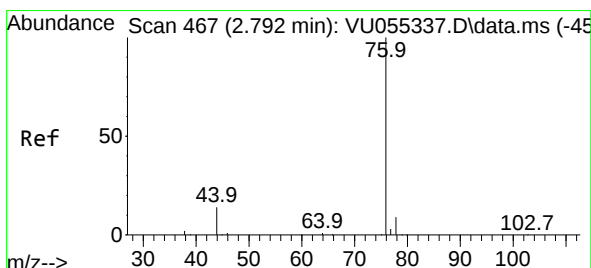
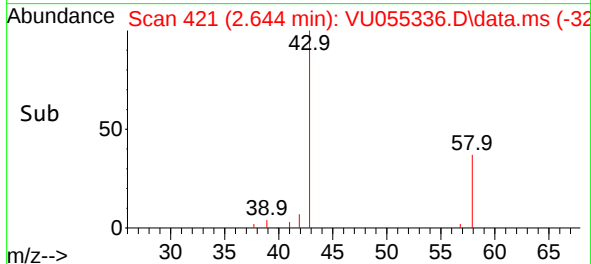
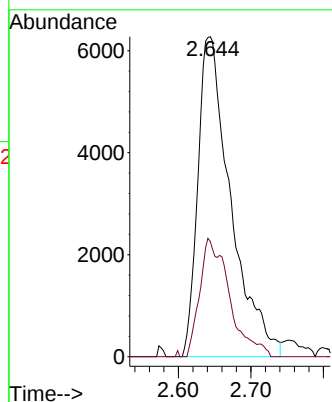
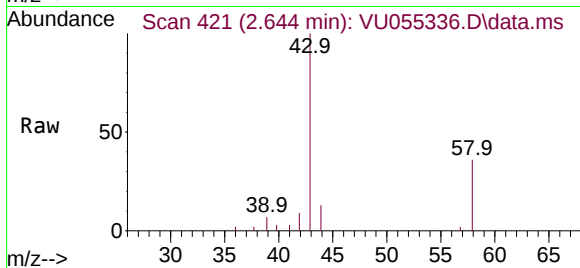
ClientSampleId :

Tgt Ion: 43 Resp: 19714

Ion Ratio Lower Upper

43 100

58 33.6 0.0 68.4



#14

Carbon disulfide

Concen: 1.364 ug/L

RT: 2.789 min Scan# 466

Delta R.T. -0.003 min

Lab File: VU055336.D

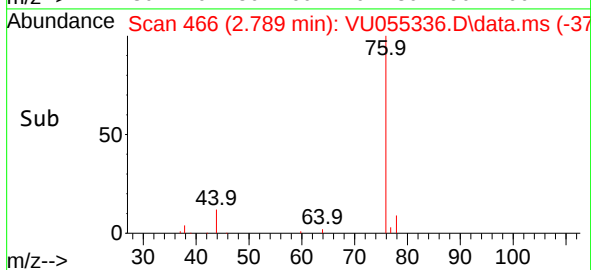
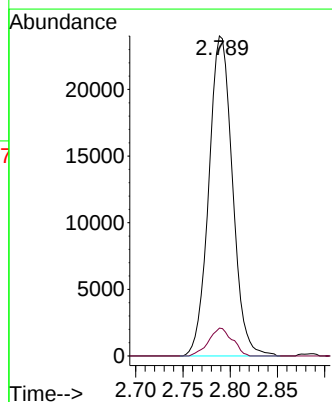
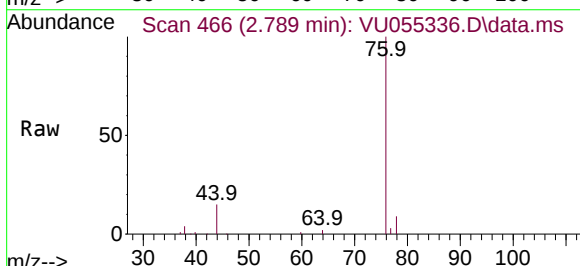
Acq: 15 Sep 2023 13:16

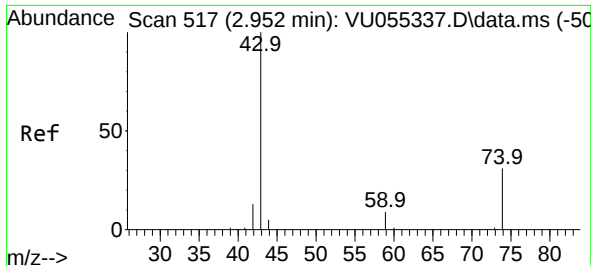
Tgt Ion: 76 Resp: 41837

Ion Ratio Lower Upper

76 100

78 8.7 7.4 11.2

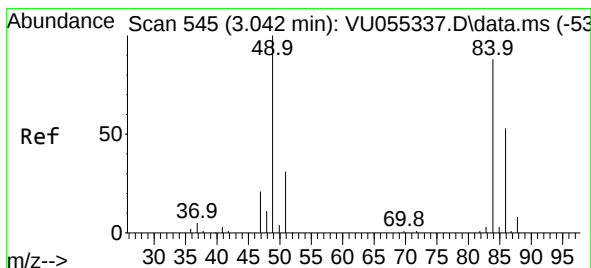
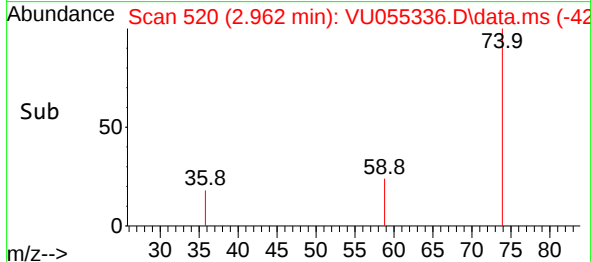
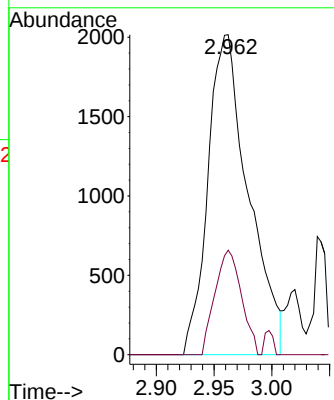
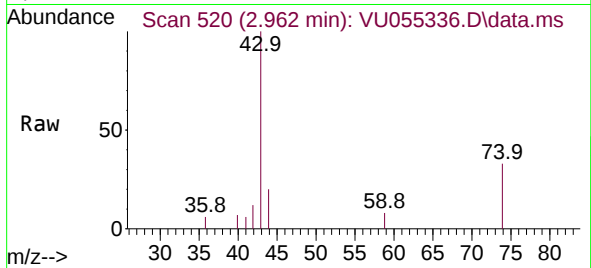




#15
Methyl Acetate
Concen: 1.156 ug/L
RT: 2.962 min Scan# 517
Delta R.T. 0.010 min
Lab File: VU055336.D
Acq: 15 Sep 2023 13:16

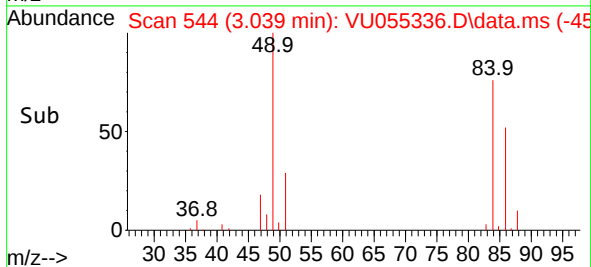
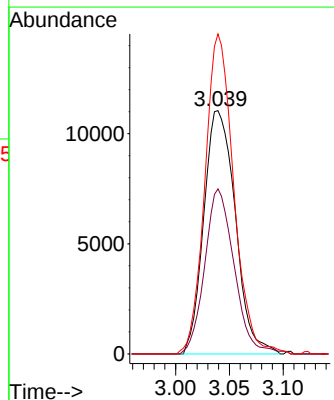
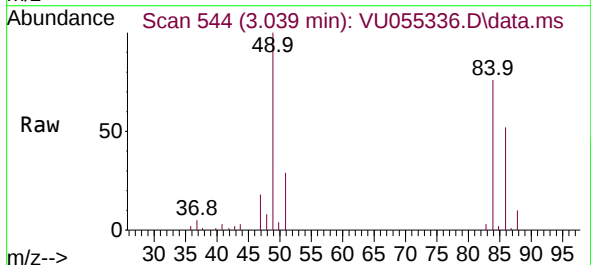
Instrument :
MSVOA_U
ClientSampleId :

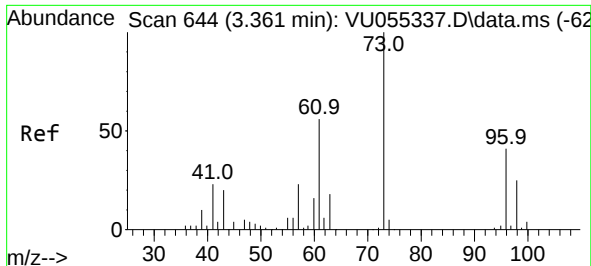
Tgt Ion: 43 Resp: 4903
Ion Ratio Lower Upper
43 100
74 21.4 23.9 35.9#



#16
Methylene chloride
Concen: 1.464 ug/L
RT: 3.039 min Scan# 544
Delta R.T. -0.003 min
Lab File: VU055336.D
Acq: 15 Sep 2023 13:16

Tgt Ion: 84 Resp: 22530
Ion Ratio Lower Upper
84 100
86 67.9 42.4 78.8
49 136.3 79.9 148.3

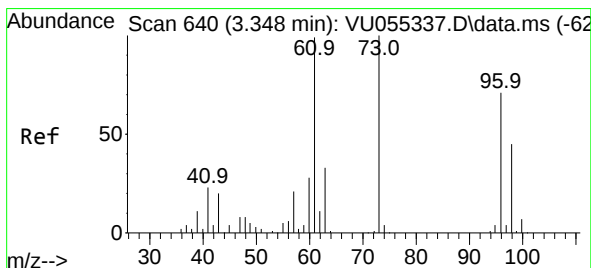
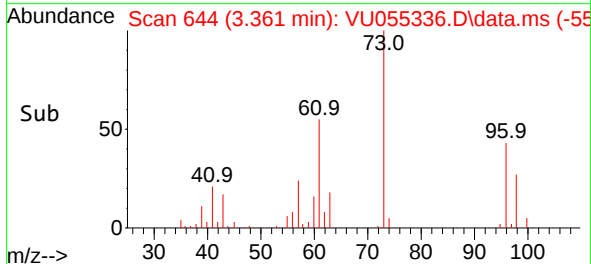
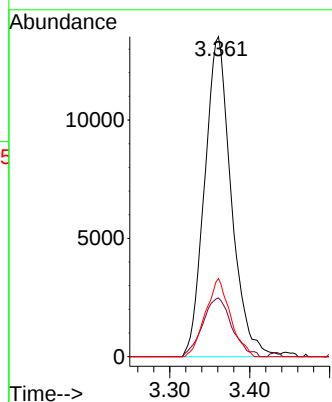
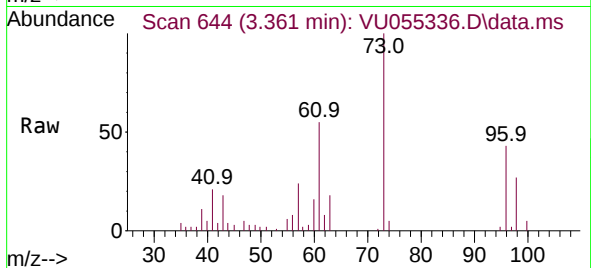




#17
Methyl tert-butyl Ether
Concen: 1.095 ug/L
RT: 3.361 min Scan# 641
Delta R.T. 0.000 min
Lab File: VU055336.D
Acq: 15 Sep 2023 13:16

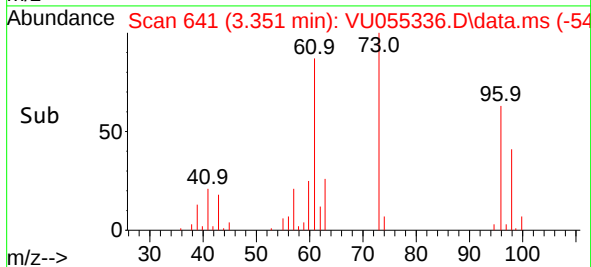
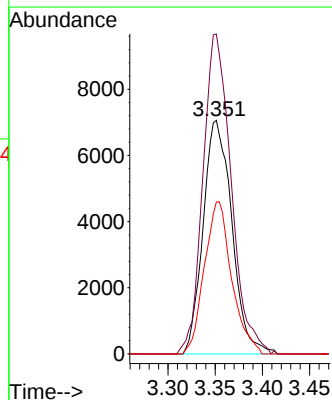
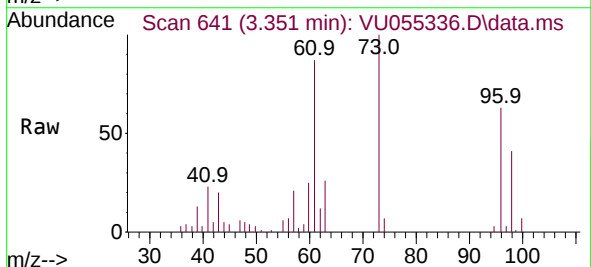
Instrument :
MSVOA_U
ClientSampleId :

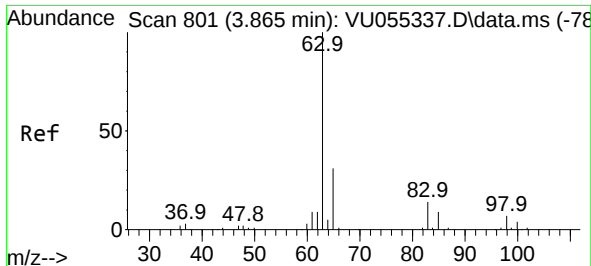
Tgt Ion: 73 Resp: 31236
Ion Ratio Lower Upper
73 100
43 20.2 16.0 24.0
57 22.8 17.2 25.8



#18
trans-1,2-Dichloroethene
Concen: 1.256 ug/L
RT: 3.351 min Scan# 641
Delta R.T. 0.003 min
Lab File: VU055336.D
Acq: 15 Sep 2023 13:16

Tgt Ion: 96 Resp: 14933
Ion Ratio Lower Upper
96 100
61 137.0 97.4 181.0
98 65.1 44.6 82.8





#19

1,1-Dichloroethane

Concen: 1.169 ug/L

RT: 3.866 min Scan# 801

Delta R.T. 0.000 min

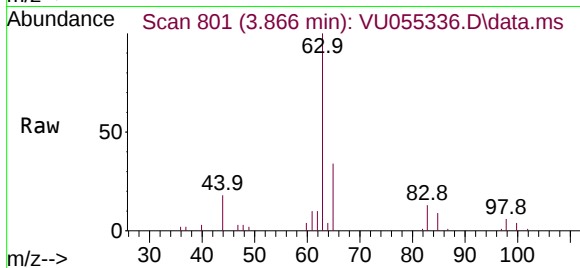
Lab File: VU055336.D

Acq: 15 Sep 2023 13:16

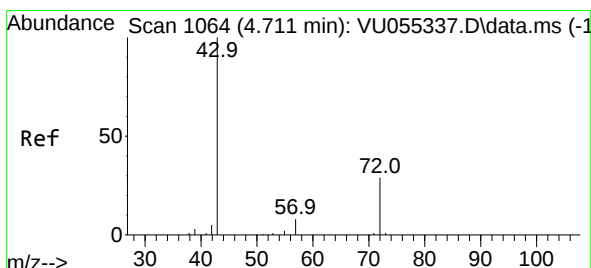
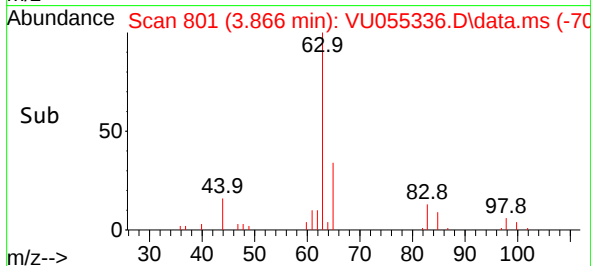
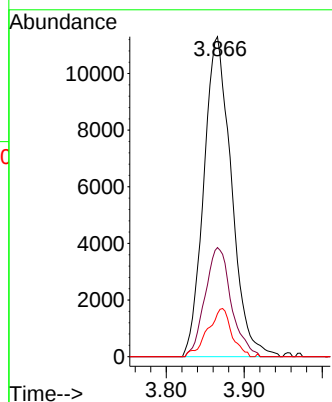
Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:	63	Resp:	27780
Ion	Ratio	Lower	Upper
63	100		
65	34.1	21.8	40.6
83	13.4	9.7	17.9



#21

2-Butanone

Concen: 8.915 ug/L

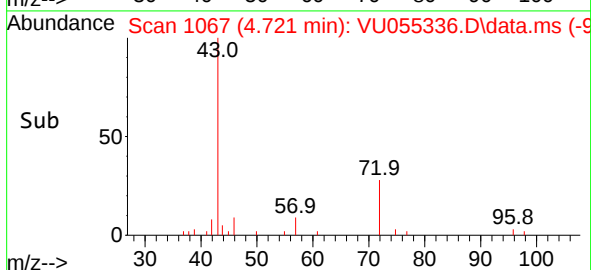
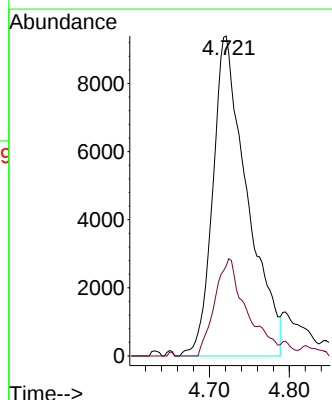
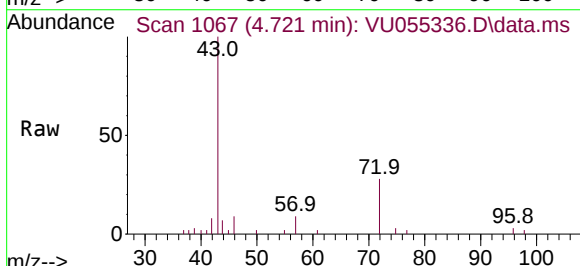
RT: 4.721 min Scan# 1067

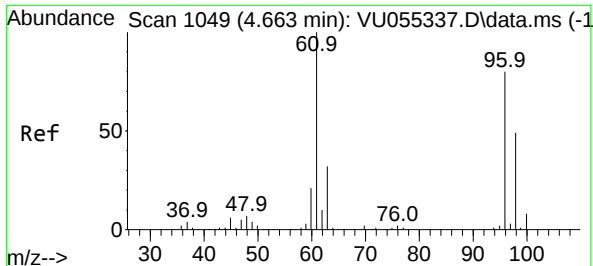
Delta R.T. 0.010 min

Lab File: VU055336.D

Acq: 15 Sep 2023 13:16

Tgt Ion:	43	Resp:	28012
Ion	Ratio	Lower	Upper
43	100		
72	28.5	15.2	45.5





#22

cis-1,2-Dichloroethene

Concen: 1.172 ug/L

RT: 4.663 min Scan# 1049

Delta R.T. 0.000 min

Lab File: VU055336.D

Acq: 15 Sep 2023 13:16

Instrument :

MSVOA_U

ClientSampleId :

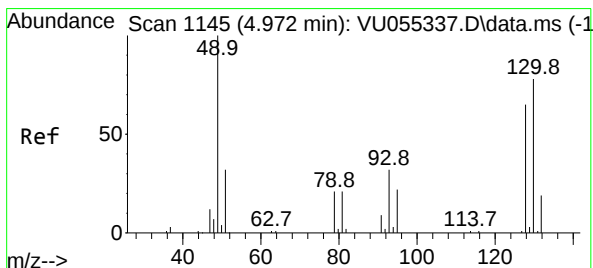
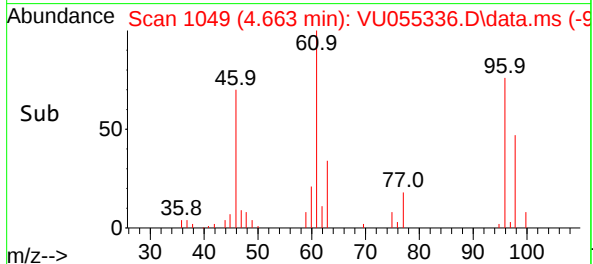
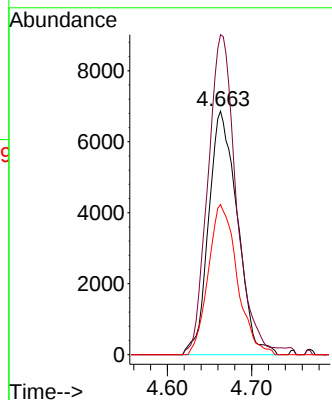
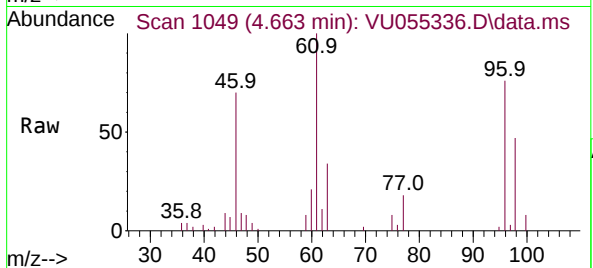
Tgt Ion: 96 Resp: 16234

Ion Ratio Lower Upper

96 100

61 131.4 88.1 163.7

98 61.7 43.5 80.7



#23

Bromochloromethane

Concen: 1.225 ug/L

RT: 4.975 min Scan# 1146

Delta R.T. 0.003 min

Lab File: VU055336.D

Acq: 15 Sep 2023 13:16

Tgt Ion: 128 Resp: 7296

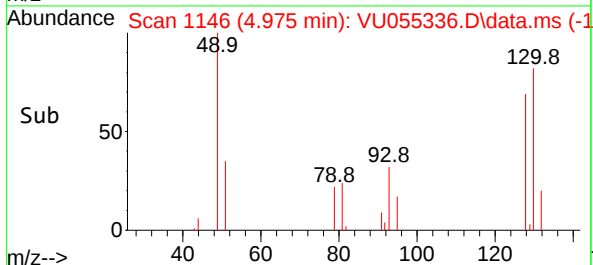
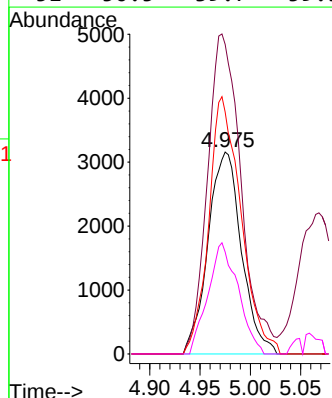
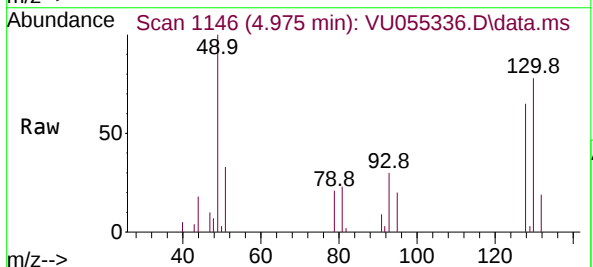
Ion Ratio Lower Upper

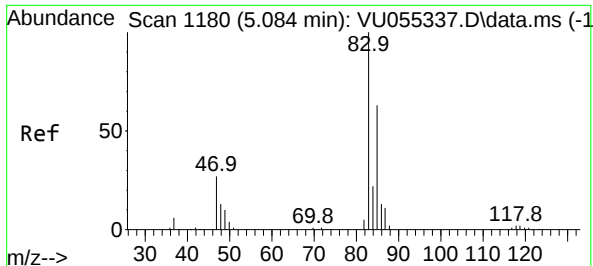
128 100

49 153.3 108.1 200.9

130 119.8 84.3 156.5

51 50.5 39.7 59.5

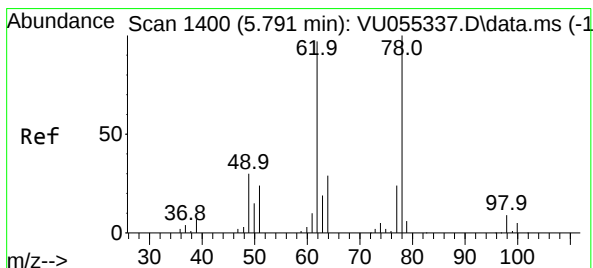
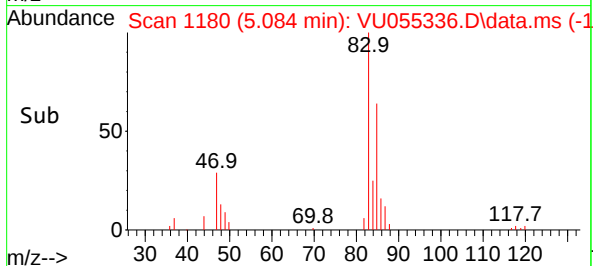
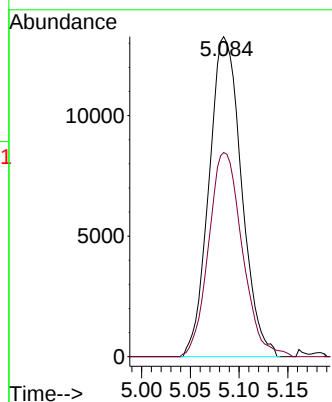
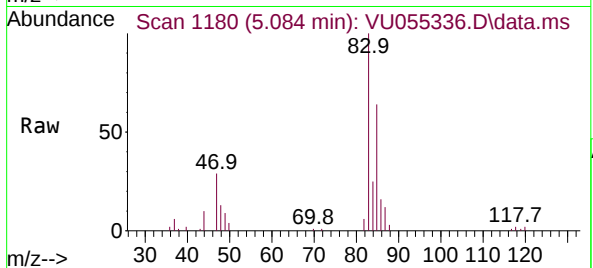




#25
Chloroform
Concen: 1.197 ug/L
RT: 5.084 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VU055336.D
Acq: 15 Sep 2023 13:16

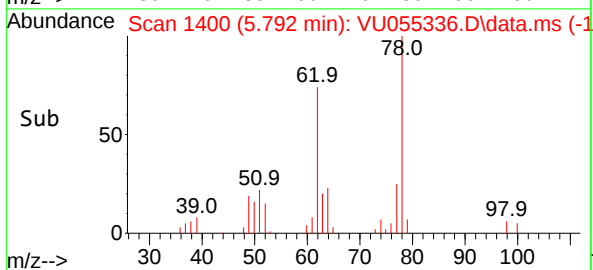
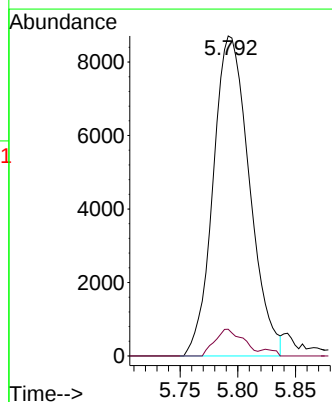
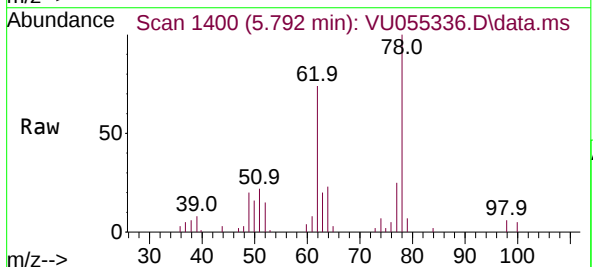
Instrument :
MSVOA_U
ClientSampleId :

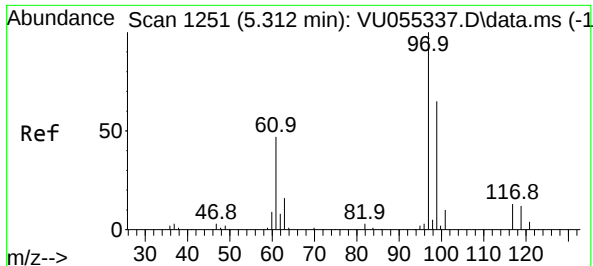
Tgt Ion: 83 Resp: 30776
Ion Ratio Lower Upper
83 100
85 63.8 44.4 82.4



#27
1,2-Dichloroethane
Concen: 1.272 ug/L
RT: 5.792 min Scan# 1400
Delta R.T. 0.000 min
Lab File: VU055336.D
Acq: 15 Sep 2023 13:16

Tgt Ion: 62 Resp: 19031
Ion Ratio Lower Upper
62 100
98 8.3 7.1 10.7





#29

1,1,1-Trichloroethane

Concen: 1.038 ug/L

RT: 5.313 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU055336.D

Acq: 15 Sep 2023 13:16

Instrument :

MSVOA_U

ClientSampleId :

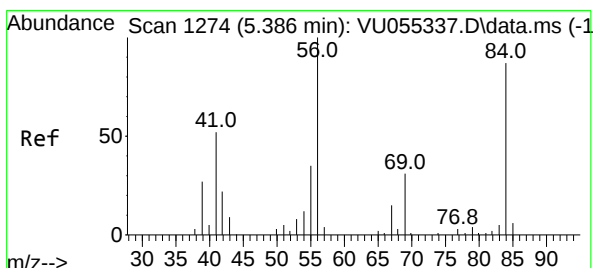
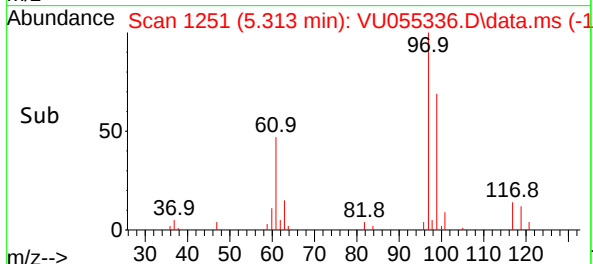
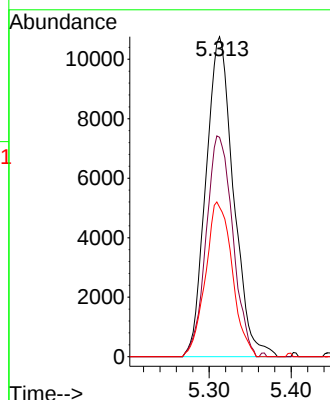
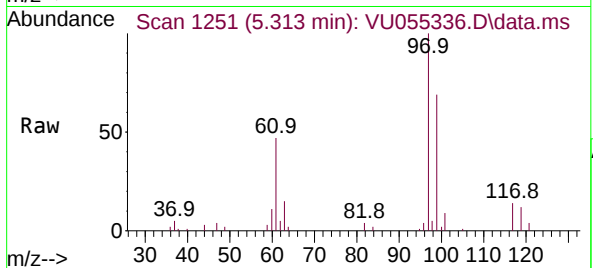
Tgt Ion: 97 Resp: 25119

Ion Ratio Lower Upper

97 100

99 66.5 51.2 76.8

61 46.8 37.6 56.4



#30

Cyclohexane

Concen: 1.062 ug/L

RT: 5.383 min Scan# 1273

Delta R.T. -0.003 min

Lab File: VU055336.D

Acq: 15 Sep 2023 13:16

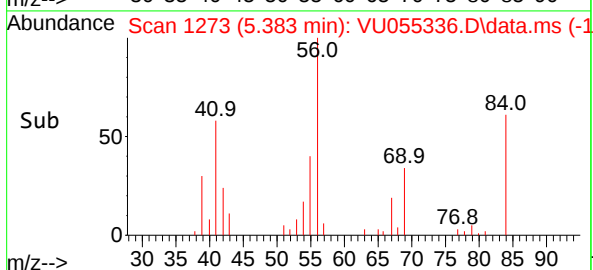
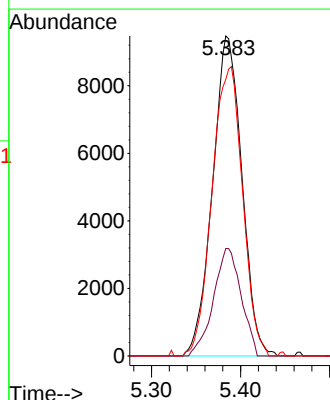
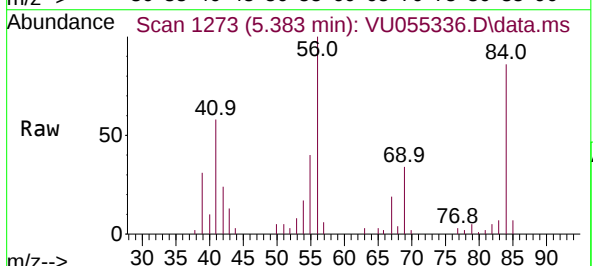
Tgt Ion: 56 Resp: 21659

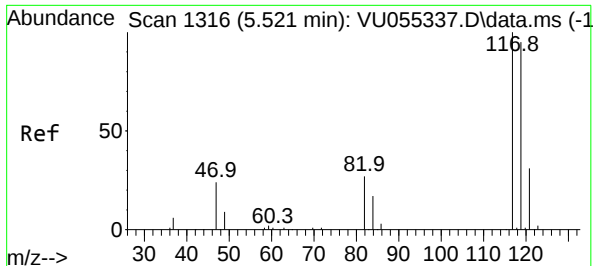
Ion Ratio Lower Upper

56 100

69 31.7 25.0 37.6

84 94.1 70.2 105.4

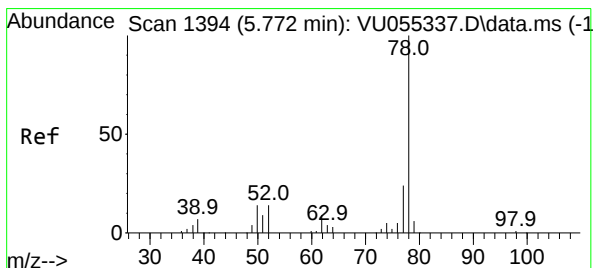
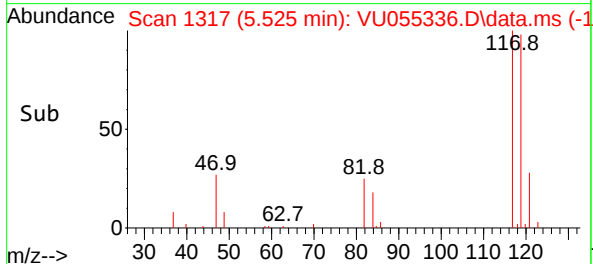
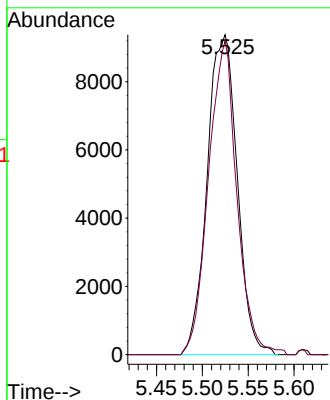
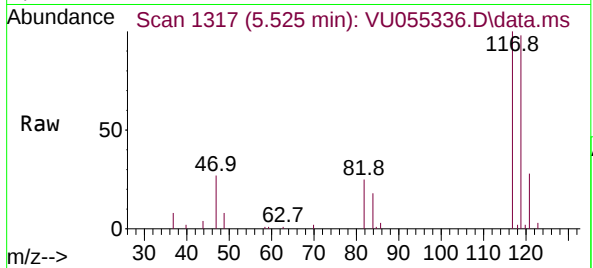




#31
Carbon tetrachloride
Concen: 1.032 ug/L
RT: 5.525 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU055336.D
Acq: 15 Sep 2023 13:16

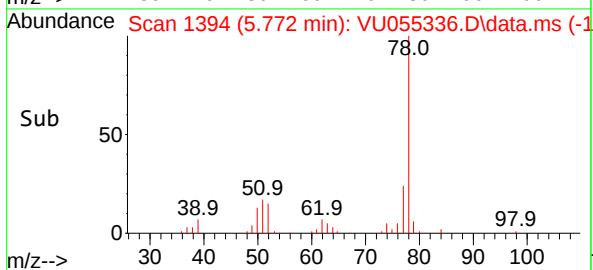
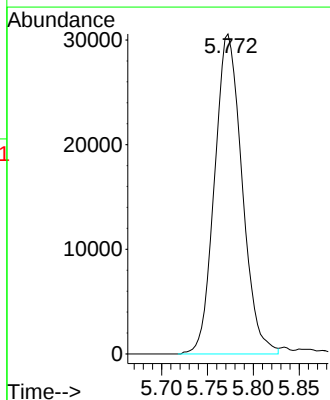
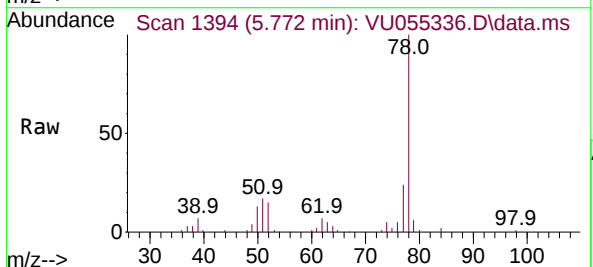
Instrument :
MSVOA_U
ClientSampleId :

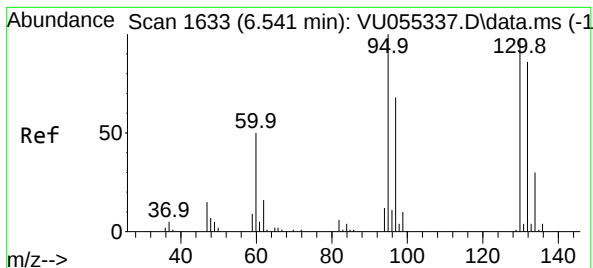
Tgt Ion:117 Resp: 21380
Ion Ratio Lower Upper
117 100
119 92.7 77.5 116.3



#33
Benzene
Concen: 1.134 ug/L
RT: 5.772 min Scan# 1394
Delta R.T. 0.000 min
Lab File: VU055336.D
Acq: 15 Sep 2023 13:16

Tgt Ion: 78 Resp: 63788





#34

Trichloroethene

Concen: 1.188 ug/L

RT: 6.538 min Scan# 1

Delta R.T. -0.003 min

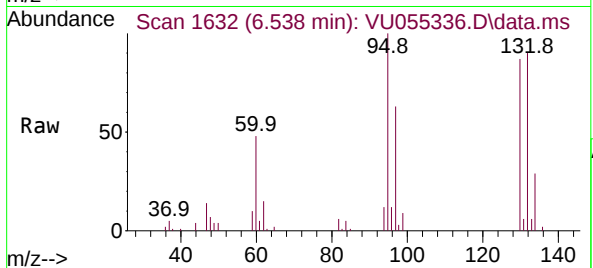
Lab File: VU055336.D

Acq: 15 Sep 2023 13:16

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion: 95 Resp: 18110

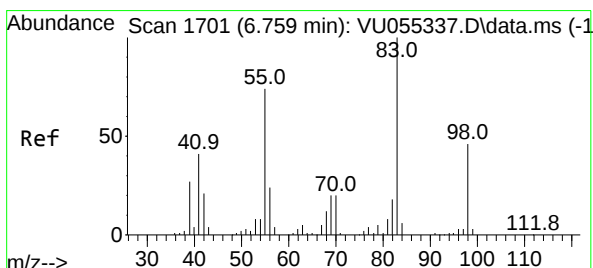
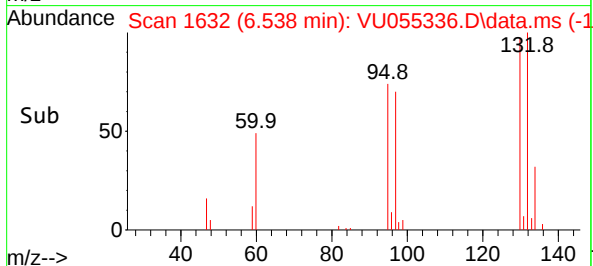
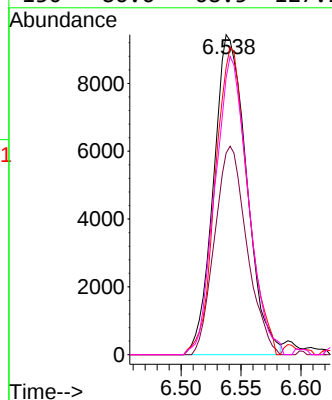
Ion Ratio Lower Upper

95 100

97 63.0 47.4 88.0

132 89.7 60.5 112.3

130 86.6 68.5 127.1



#35

Methylcyclohexane

Concen: 1.086 ug/L

RT: 6.759 min Scan# 1701

Delta R.T. 0.000 min

Lab File: VU055336.D

Acq: 15 Sep 2023 13:16

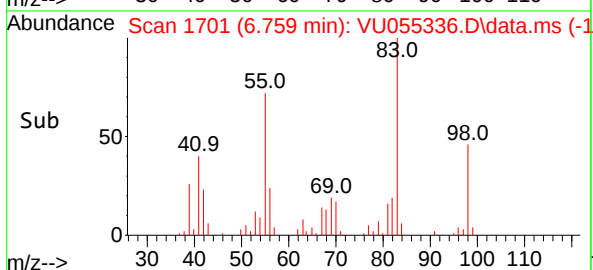
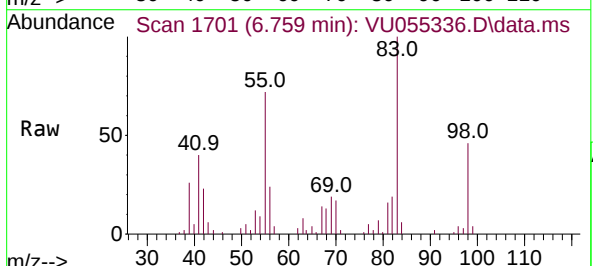
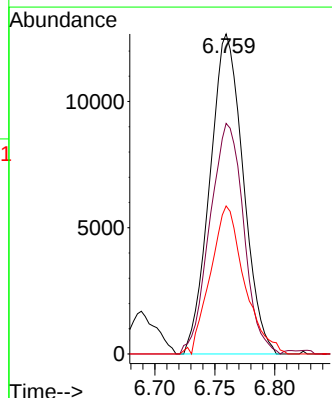
Tgt Ion: 83 Resp: 24485

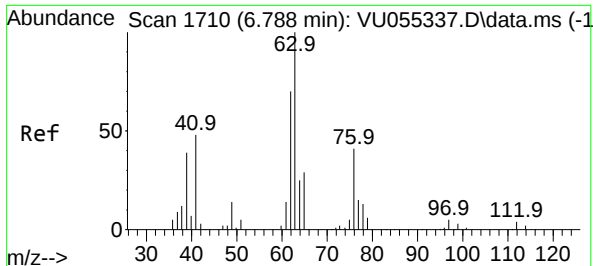
Ion Ratio Lower Upper

83 100

55 73.1 58.7 88.1

98 47.1 36.3 54.5

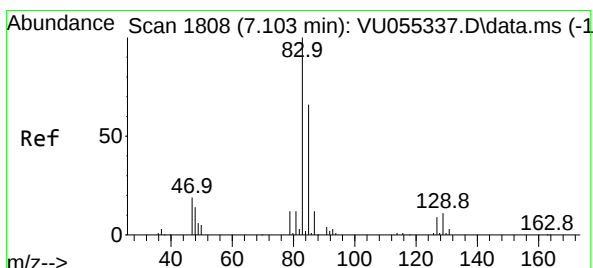
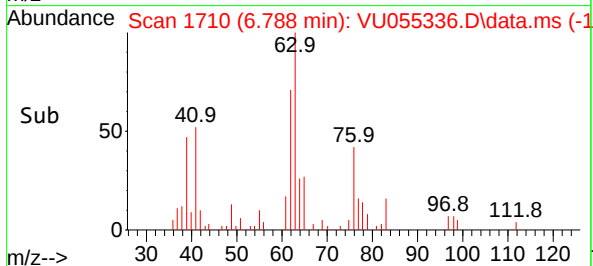
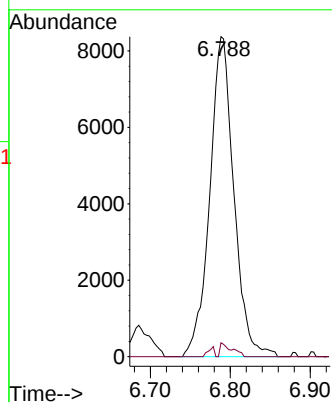
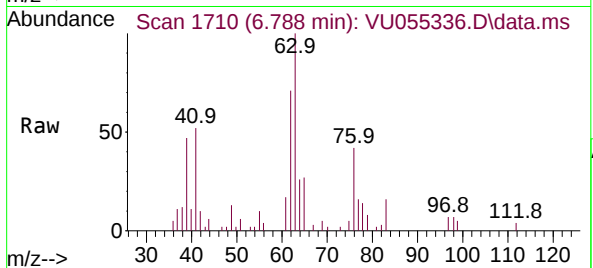




#37
1,2-Dichloropropane
Concen: 1.188 ug/L
RT: 6.788 min Scan# 1710
Delta R.T. 0.000 min
Lab File: VU055336.D
Acq: 15 Sep 2023 13:16

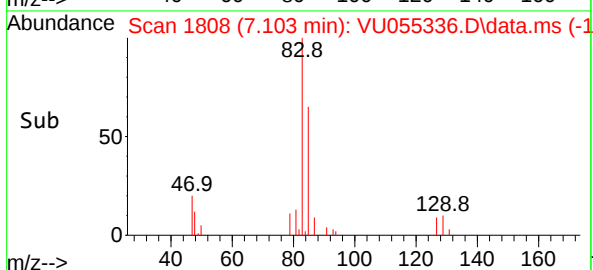
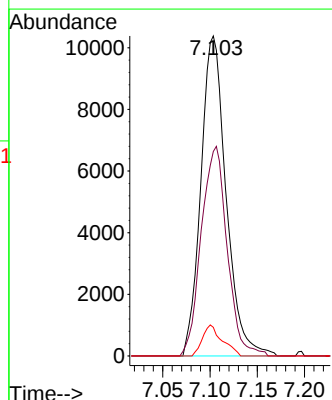
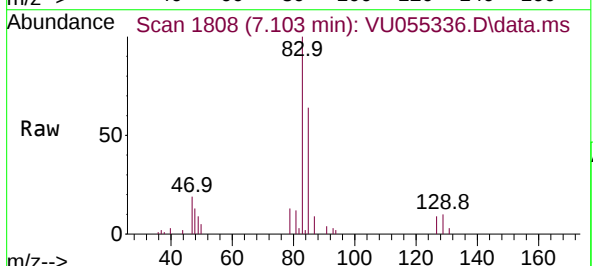
Instrument :
MSVOA_U
ClientSampleId :

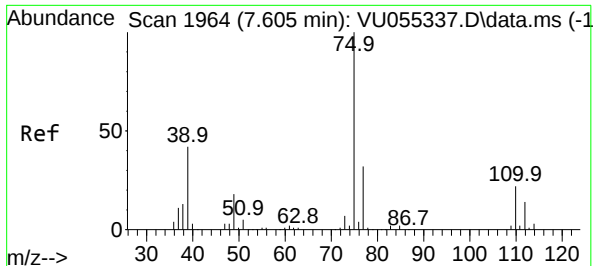
Tgt Ion: 63 Resp: 17558
Ion Ratio Lower Upper
63 100
112 2.1 3.0 4.4#



#38
Bromodichloromethane
Concen: 1.047 ug/L
RT: 7.103 min Scan# 1808
Delta R.T. 0.000 min
Lab File: VU055336.D
Acq: 15 Sep 2023 13:16

Tgt Ion: 83 Resp: 19285
Ion Ratio Lower Upper
83 100
85 63.9 46.3 85.9
127 8.9 7.0 10.4





#39

cis-1,3-Dichloropropene

Concen: 0.979 ug/L

RT: 7.605 min Scan# 1964

Delta R.T. 0.000 min

Lab File: VU055336.D

Acq: 15 Sep 2023 13:16

Instrument :

MSVOA_U

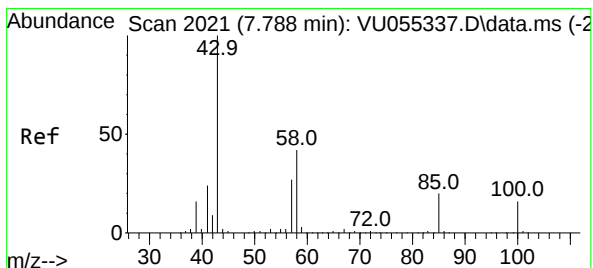
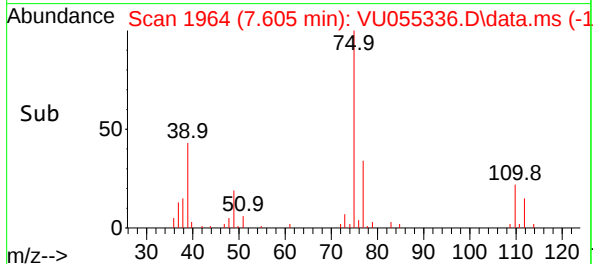
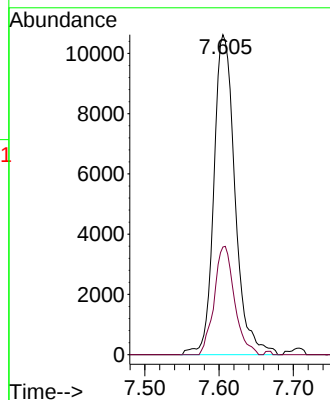
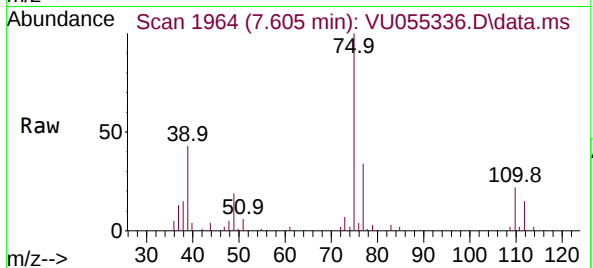
ClientSampleId :

Tgt Ion: 75 Resp: 21039

Ion Ratio Lower Upper

75 100

77 33.7 22.1 41.1



#40

4-Methyl-2-pentanone

Concen: 10.343 ug/L

RT: 7.792 min Scan# 2022

Delta R.T. 0.003 min

Lab File: VU055336.D

Acq: 15 Sep 2023 13:16

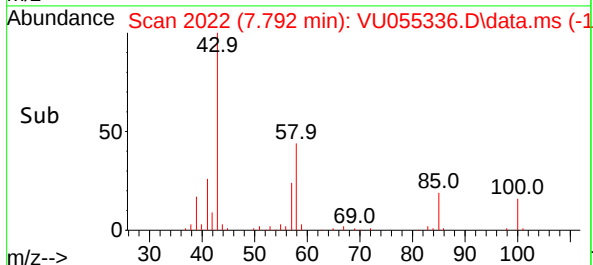
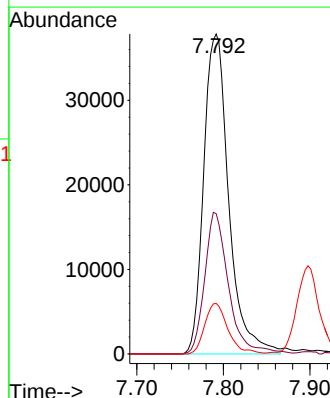
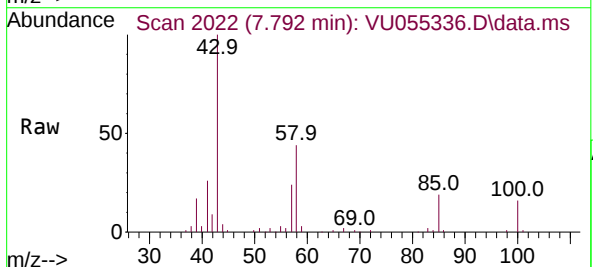
Tgt Ion: 43 Resp: 76005

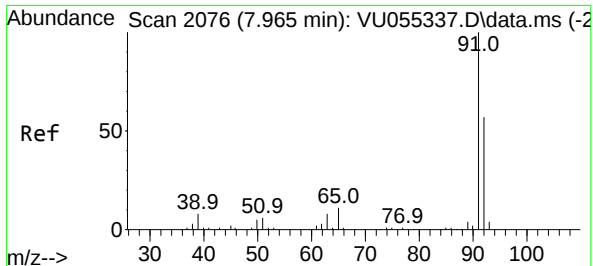
Ion Ratio Lower Upper

43 100

58 42.3 32.9 49.3

100 14.7 12.9 19.3





#42

Toluene

Concen: 1.098 ug/L

RT: 7.968 min Scan# 2076

Delta R.T. 0.003 min

Lab File: VU055336.D

Acq: 15 Sep 2023 13:16

Instrument :

MSVOA_U

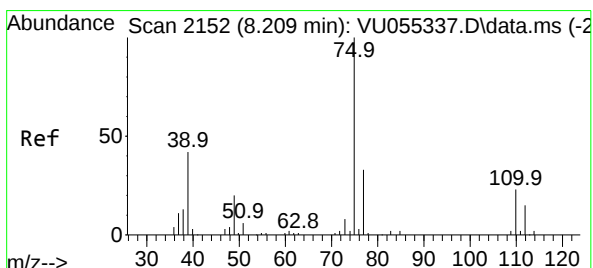
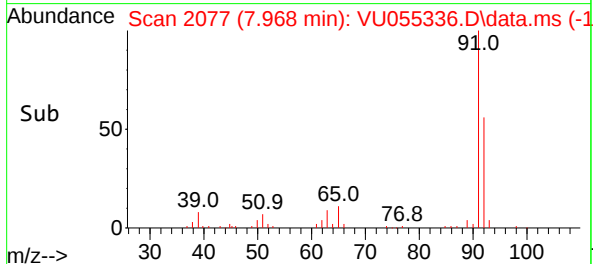
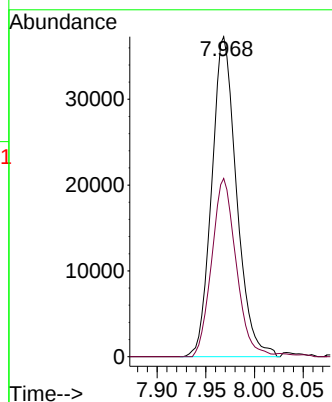
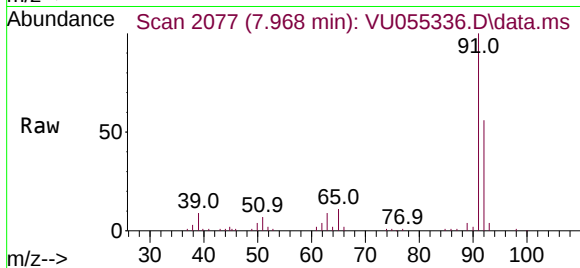
ClientSampleId :

Tgt Ion: 91 Resp: 65964

Ion Ratio Lower Upper

91 100

92 55.7 39.5 73.4



#44

trans-1,3-Dichloropropene

Concen: 0.877 ug/L

RT: 8.210 min Scan# 2152

Delta R.T. 0.000 min

Lab File: VU055336.D

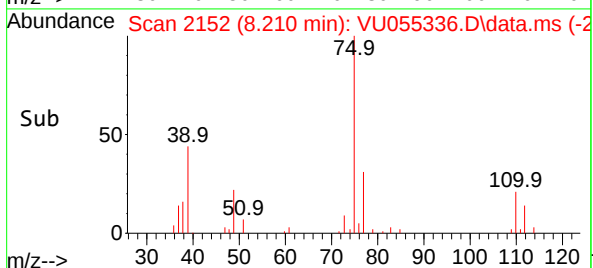
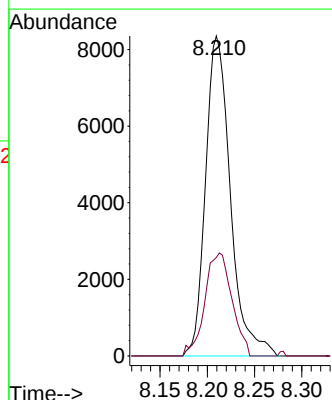
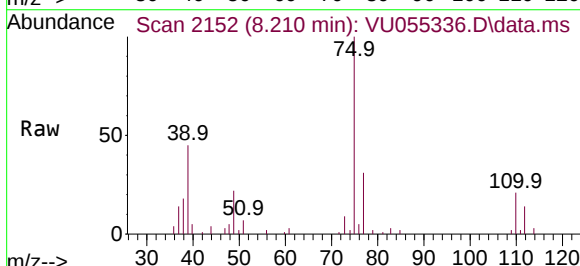
Acq: 15 Sep 2023 13:16

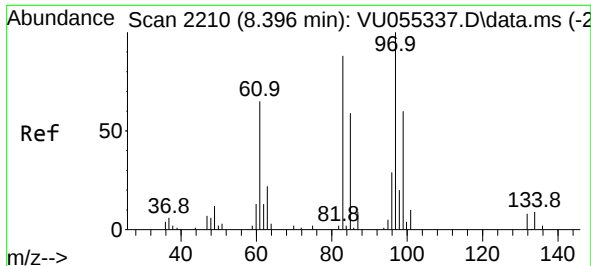
Tgt Ion: 75 Resp: 15267

Ion Ratio Lower Upper

75 100

77 30.8 23.2 43.0

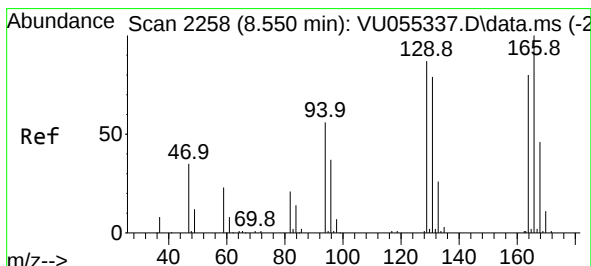
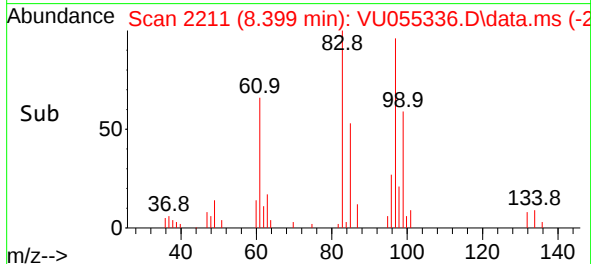
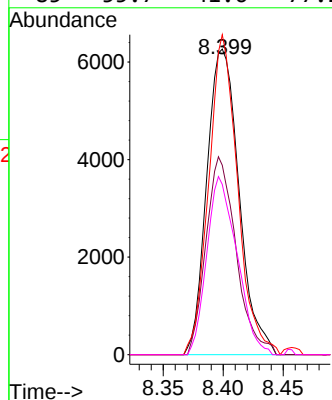
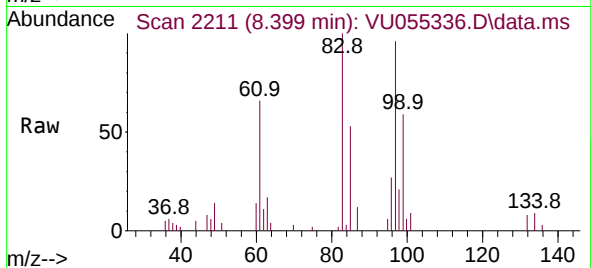




#45
1,1,2-Trichloroethane
Concen: 1.121 ug/L
RT: 8.399 min Scan# 2111
Delta R.T. 0.003 min
Lab File: VU055336.D
Acq: 15 Sep 2023 13:16

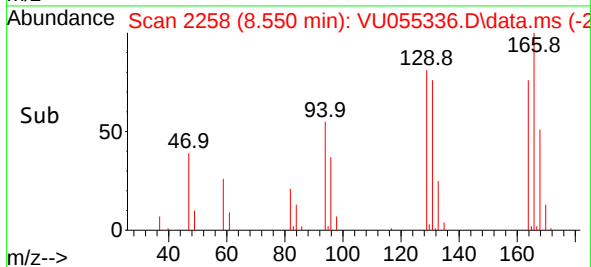
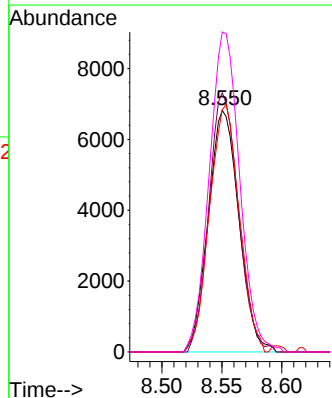
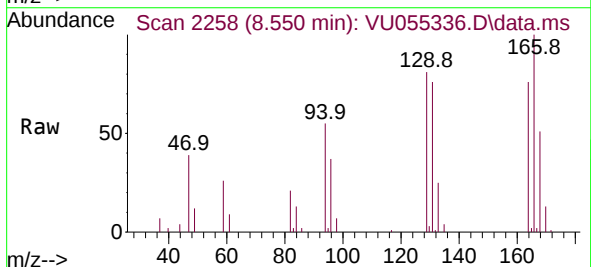
Instrument :
MSVOA_U
ClientSampleId :

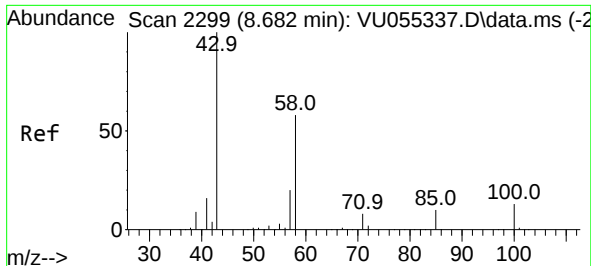
Tgt Ion:	97	Resp:	11700
Ion	Ratio	Lower	Upper
97	100		
99	62.0	42.4	78.6
83	104.7	61.3	113.9
85	55.7	41.6	77.2



#47
Tetrachloroethene
Concen: 1.015 ug/L
RT: 8.550 min Scan# 2258
Delta R.T. 0.000 min
Lab File: VU055336.D
Acq: 15 Sep 2023 13:16

Tgt Ion:	164	Resp:	12162
Ion	Ratio	Lower	Upper
164	100		
129	107.3	76.3	141.7
131	100.2	69.1	128.3
166	132.4	87.8	163.2

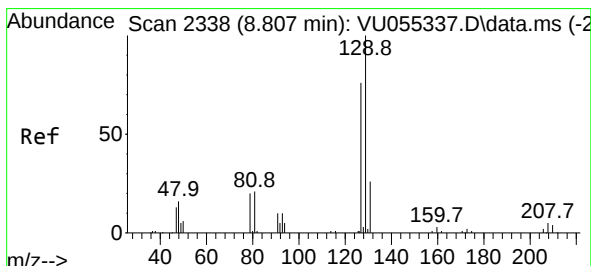
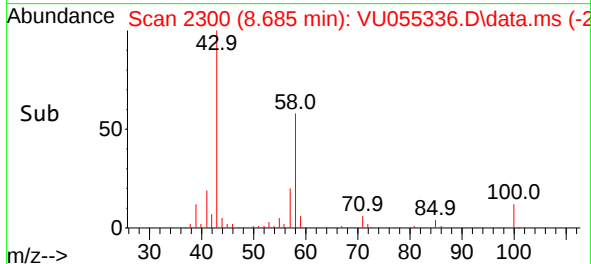
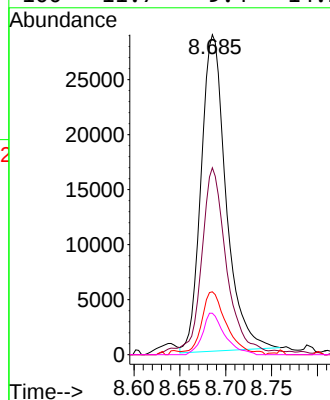
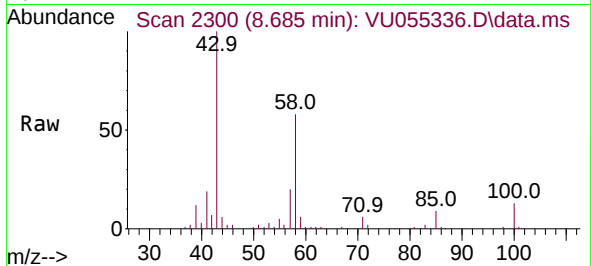




#48
2-Hexanone
Concen: 9.706 ug/L
RT: 8.685 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU055336.D
Acq: 15 Sep 2023 13:16

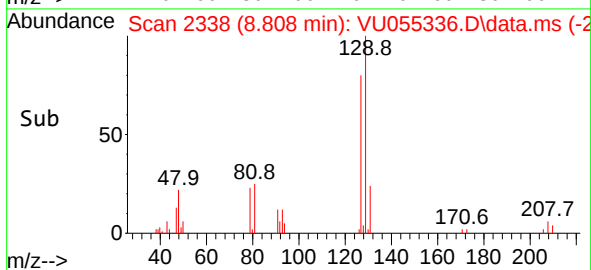
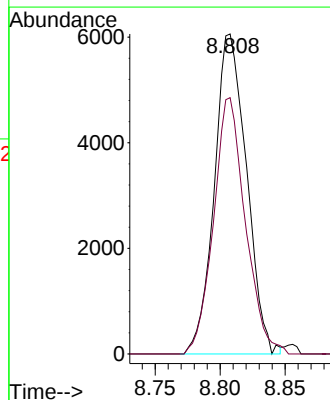
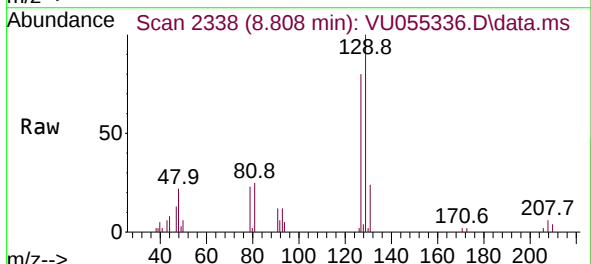
Instrument :
MSVOA_U
ClientSampleId :

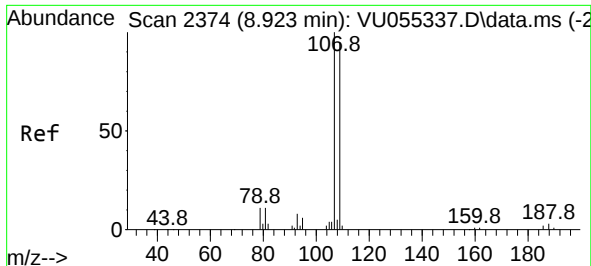
Tgt Ion: 43	Resp: 54444
Ion Ratio	Lower Upper
43 100	
58 59.7	47.8 71.6
57 19.9	15.4 23.2
100 11.7	9.4 14.2



#49
Dibromochloromethane
Concen: 0.904 ug/L
RT: 8.808 min Scan# 2338
Delta R.T. 0.000 min
Lab File: VU055336.D
Acq: 15 Sep 2023 13:16

Tgt Ion:129	Resp:	10422	
Ion	Ratio	Lower	Upper
129	100		
127	80.1	53.4	99.2





#50

1,2-Dibromoethane

Concen: 1.086 ug/L

RT: 8.920 min Scan# 21

Delta R.T. -0.003 min

Lab File: VU055336.D

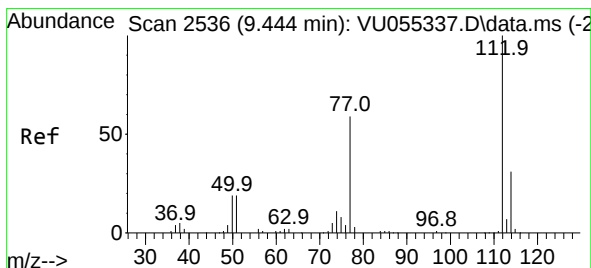
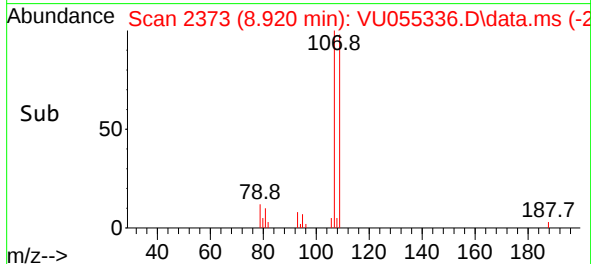
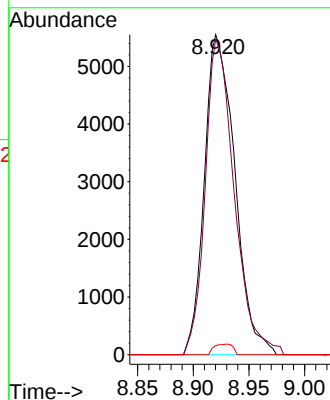
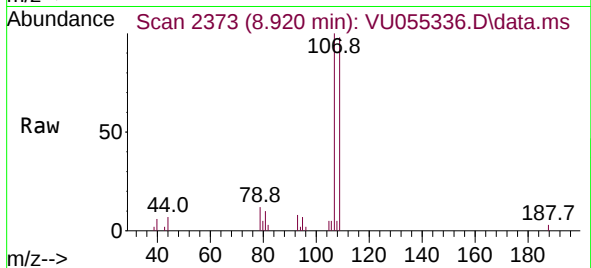
Acq: 15 Sep 2023 13:16

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	107	Resp:	10574
Ion	Ratio	Lower	Upper
107	100		
109	98.5	66.6	123.8
188	2.8	2.1	3.1



#51

Chlorobenzene

Concen: 1.088 ug/L

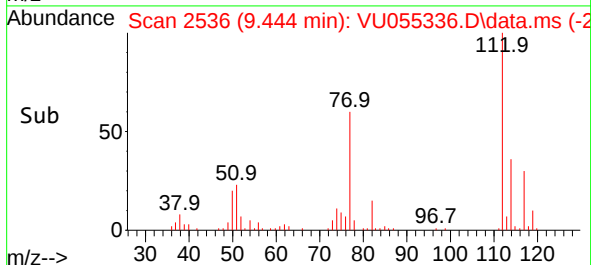
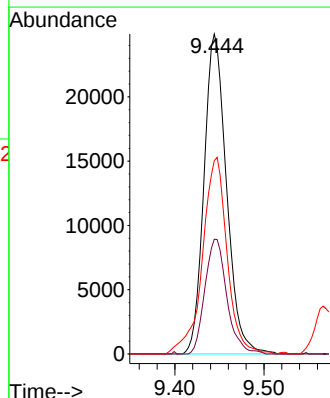
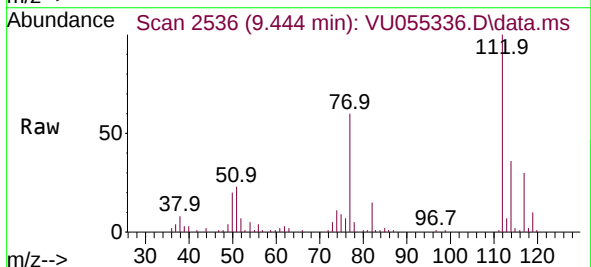
RT: 9.444 min Scan# 2536

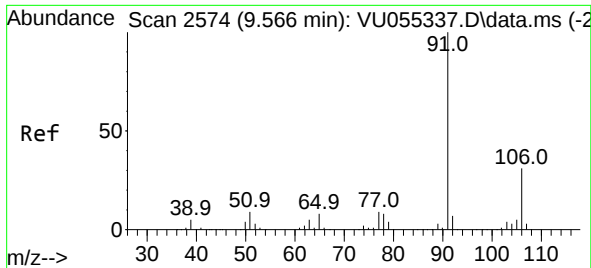
Delta R.T. 0.000 min

Lab File: VU055336.D

Acq: 15 Sep 2023 13:16

Tgt Ion:	112	Resp:	43679
Ion	Ratio	Lower	Upper
112	100		
114	35.9	21.8	40.6
77	60.4	47.4	71.0

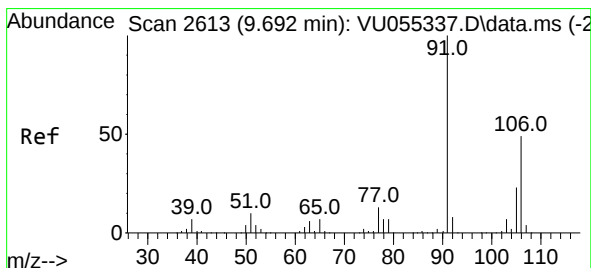
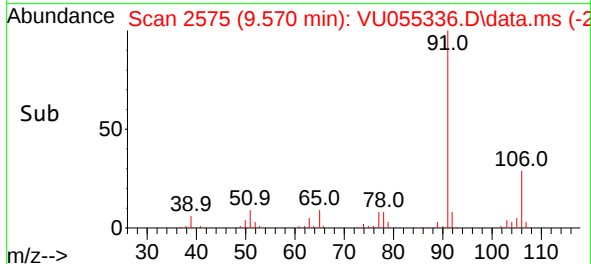
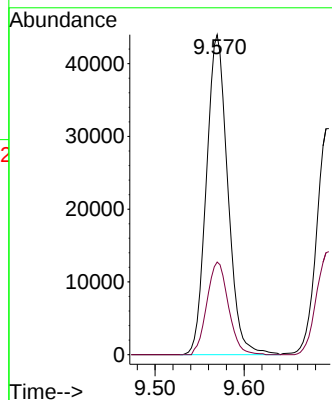
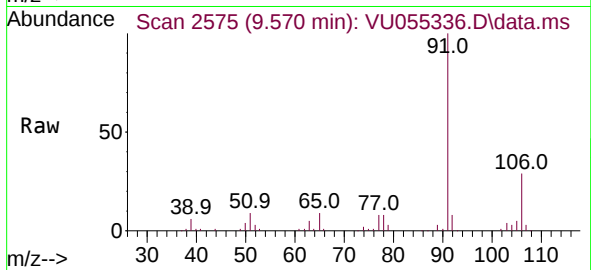




#52
Ethylbenzene
Concen: 1.094 ug/L
RT: 9.570 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU055336.D
Acq: 15 Sep 2023 13:16

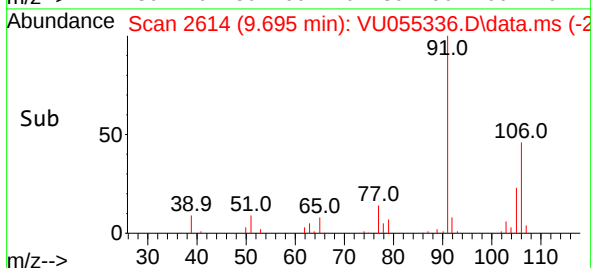
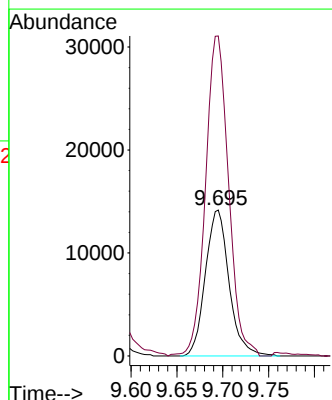
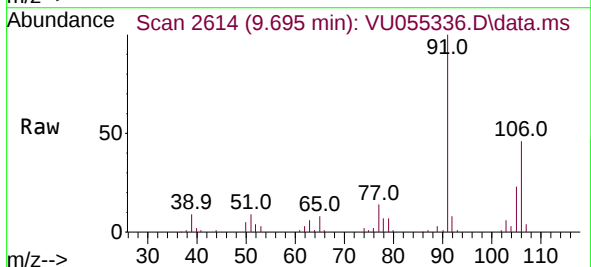
Instrument :
MSVOA_U
ClientSampleId :

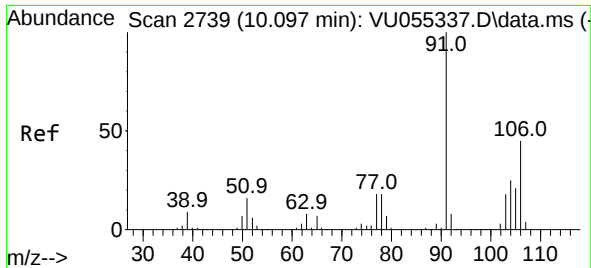
Tgt Ion: 91 Resp: 73070
Ion Ratio Lower Upper
91 100
106 29.0 21.5 39.9



#53
m,p-Xylene
Concen: 1.005 ug/L
RT: 9.695 min Scan# 2614
Delta R.T. 0.003 min
Lab File: VU055336.D
Acq: 15 Sep 2023 13:16

Tgt Ion:106 Resp: 25483
Ion Ratio Lower Upper
106 100
91 219.3 143.3 266.1

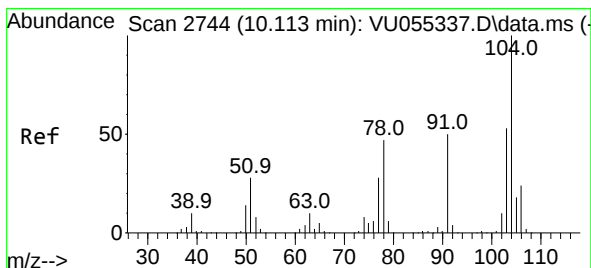
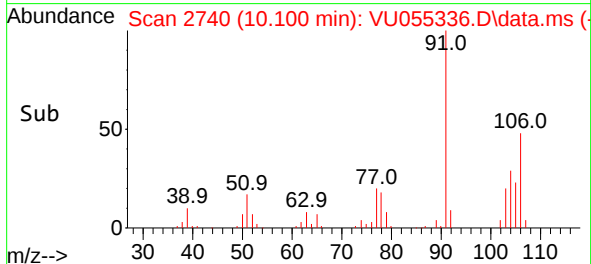
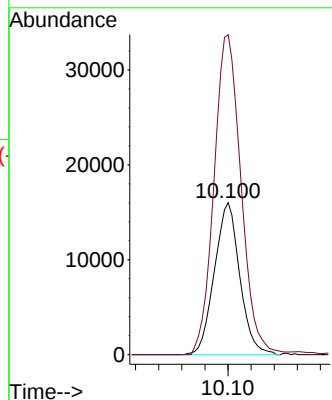
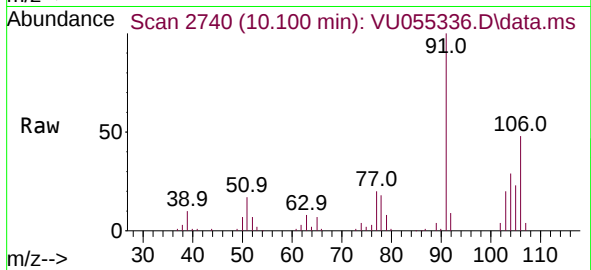




#54
o-Xylene
Concen: 0.979 ug/L
RT: 10.100 min Scan# 2739
Delta R.T. 0.003 min
Lab File: VU055336.D
Acq: 15 Sep 2023 13:16

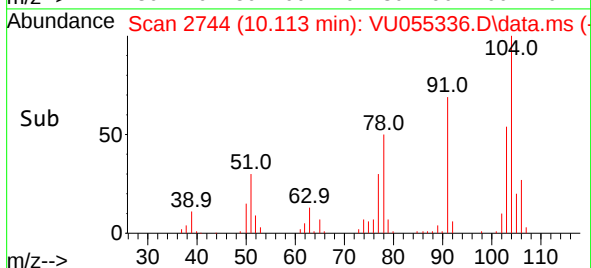
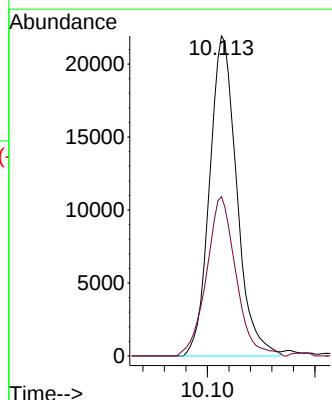
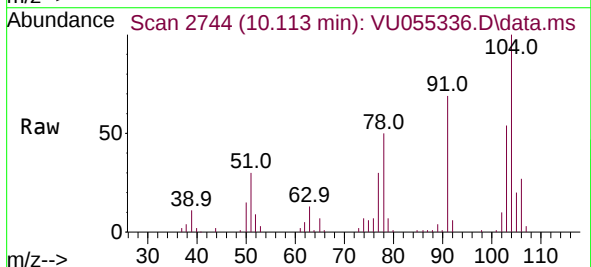
Instrument :
MSVOA_U
ClientSampleId :

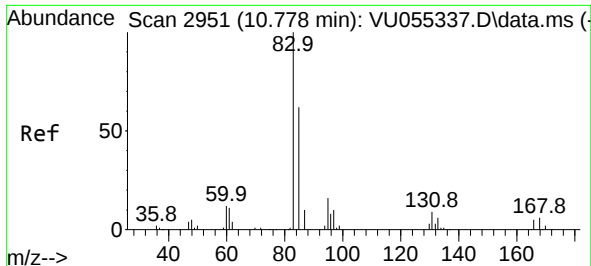
Tgt Ion:106 Resp: 24373
Ion Ratio Lower Upper
106 100
91 210.5 155.6 289.0



#55
Styrene
Concen: 0.946 ug/L
RT: 10.113 min Scan# 2744
Delta R.T. 0.000 min
Lab File: VU055336.D
Acq: 15 Sep 2023 13:16

Tgt Ion:104 Resp: 38545
Ion Ratio Lower Upper
104 100
78 49.8 32.9 61.1





#57

1,1,2,2-Tetrachloroethane

Concen: 0.981 ug/L

RT: 10.779 min Scan# 2951

Delta R.T. 0.000 min

Lab File: VU055336.D

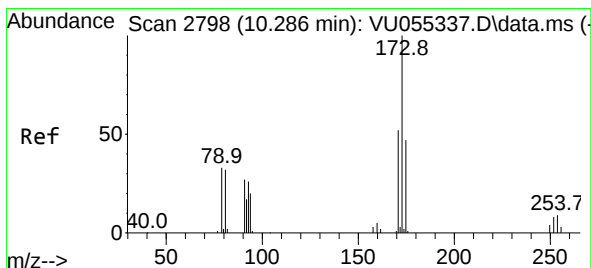
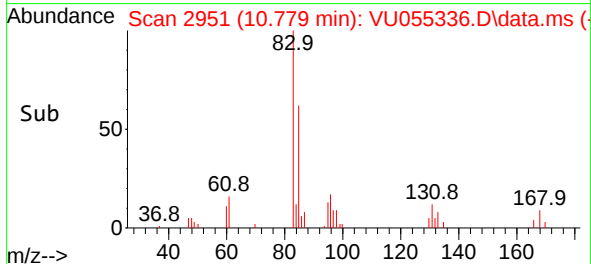
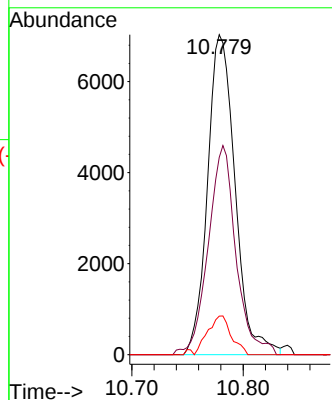
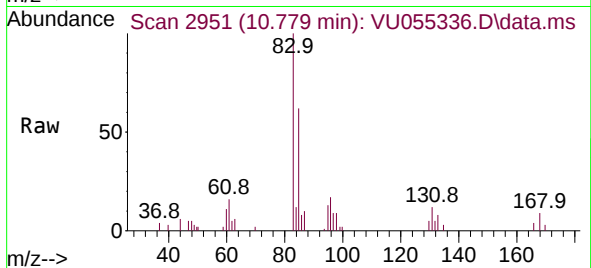
Acq: 15 Sep 2023 13:16

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 83	Resp: 12085
Ion Ratio	Lower Upper
83 100	
85 61.6	43.3 80.5
131 12.0	7.2 10.8#



#59

Bromoform

Concen: 0.872 ug/L

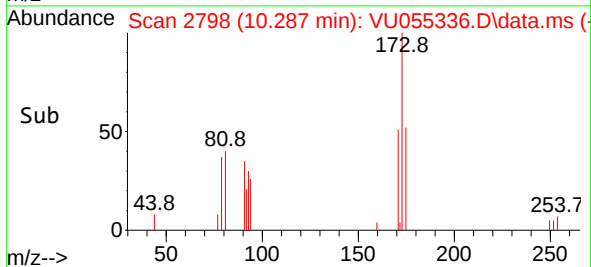
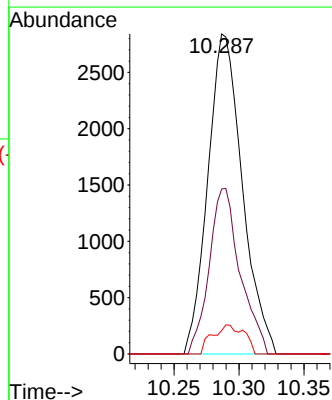
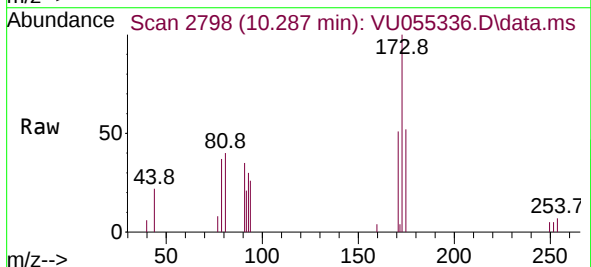
RT: 10.287 min Scan# 2798

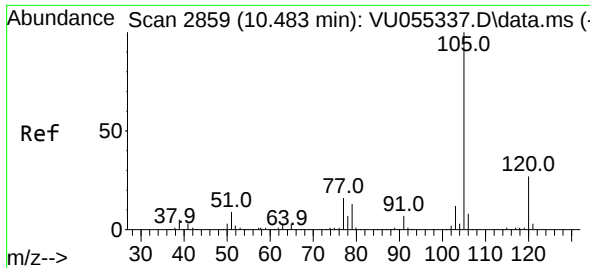
Delta R.T. 0.000 min

Lab File: VU055336.D

Acq: 15 Sep 2023 13:16

Tgt Ion: 173	Resp: 5229
Ion Ratio	Lower Upper
173 100	
175 46.4	38.1 57.1
254 8.3	6.8 10.2

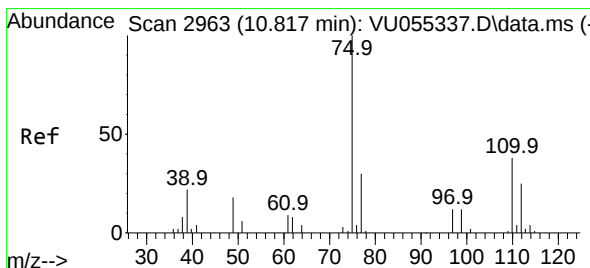
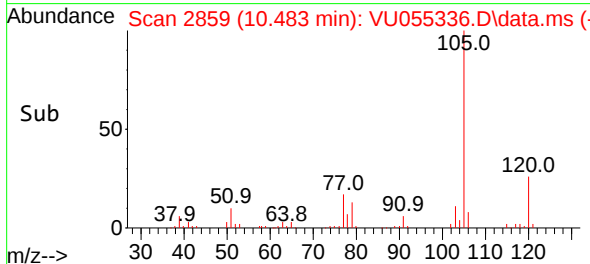
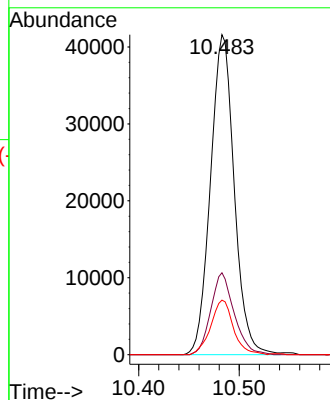
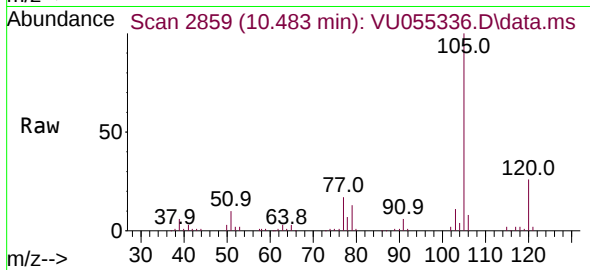




#60
Isopropylbenzene
Concen: 1.128 ug/L
RT: 10.483 min Scan# 2859
Delta R.T. 0.000 min
Lab File: VU055336.D
Acq: 15 Sep 2023 13:16

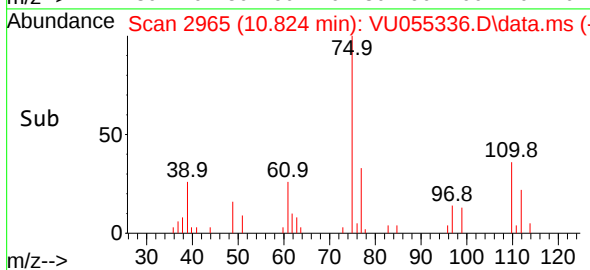
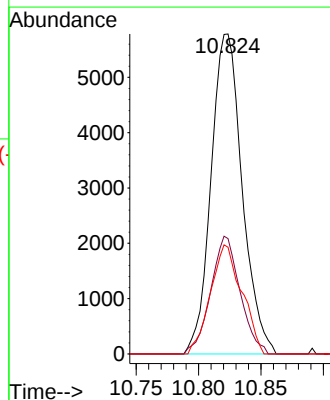
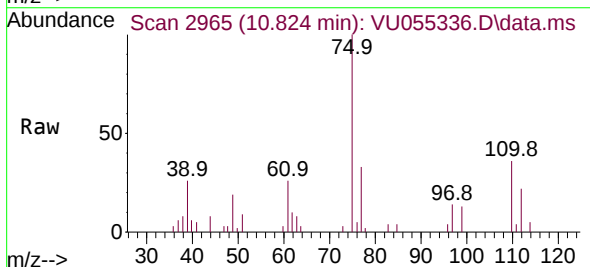
Instrument :
MSVOA_U
ClientSampleId :

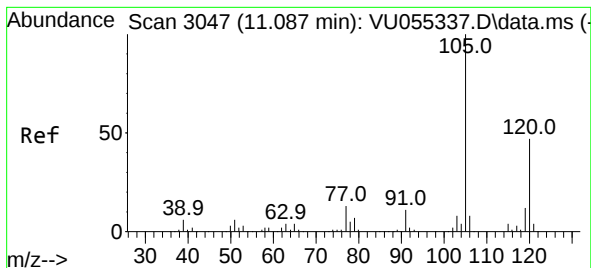
Tgt Ion:105 Resp: 68196
Ion Ratio Lower Upper
105 100
120 25.2 21.0 31.4
77 16.3 13.1 19.7



#61
1,2,3-Trichloropropane
Concen: 1.266 ug/L
RT: 10.824 min Scan# 2965
Delta R.T. 0.007 min
Lab File: VU055336.D
Acq: 15 Sep 2023 13:16

Tgt Ion: 75 Resp: 10063
Ion Ratio Lower Upper
75 100
110 34.7 31.4 47.2
77 34.3 26.0 39.0





#62

1,3,5-Trimethylbenzene

Concen: 1.020 ug/L

RT: 11.087 min Scan# 3047

Delta R.T. 0.000 min

Lab File: VU055336.D

Acq: 15 Sep 2023 13:16

Instrument :

MSVOA_U

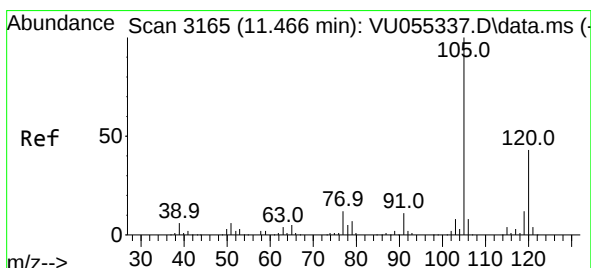
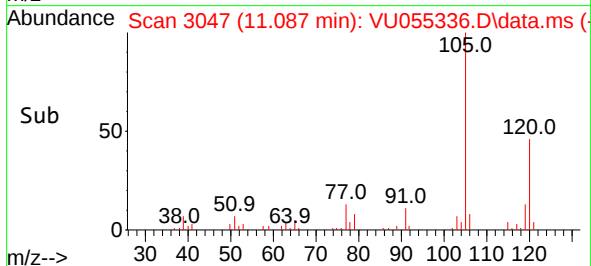
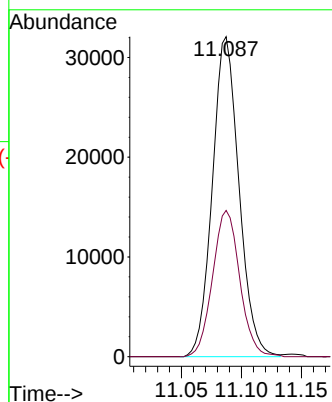
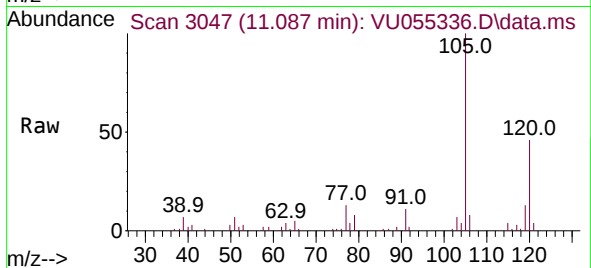
ClientSampleId :

Tgt Ion:105 Resp: 49511

Ion Ratio Lower Upper

105 100

120 46.6 37.9 56.9



#63

1,2,4-Trimethylbenzene

Concen: 0.989 ug/L

RT: 11.467 min Scan# 3165

Delta R.T. 0.000 min

Lab File: VU055336.D

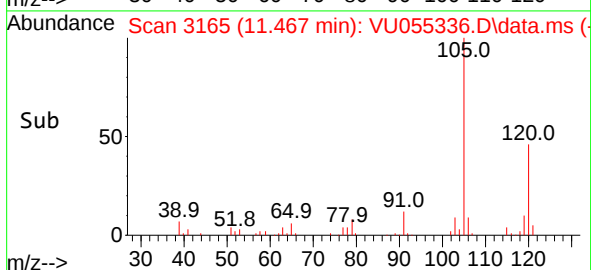
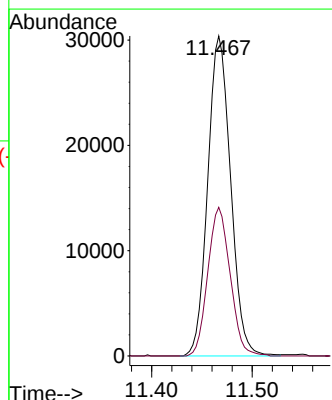
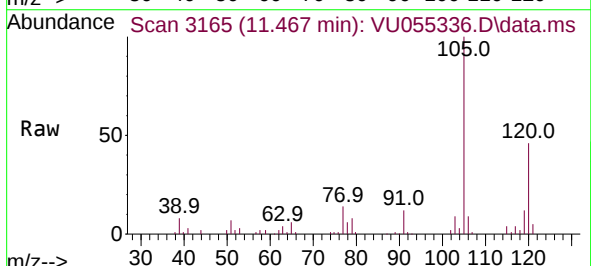
Acq: 15 Sep 2023 13:16

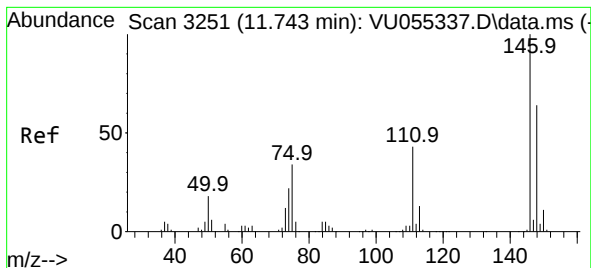
Tgt Ion:105 Resp: 48047

Ion Ratio Lower Upper

105 100

120 45.4 34.6 52.0





#64

1,3-Dichlorobenzene

Concen: 1.069 ug/L

RT: 11.746 min Scan# 31

Delta R.T. 0.003 min

Lab File: VU055336.D

Acq: 15 Sep 2023 13:16

Instrument :

MSVOA_U

ClientSampleId :

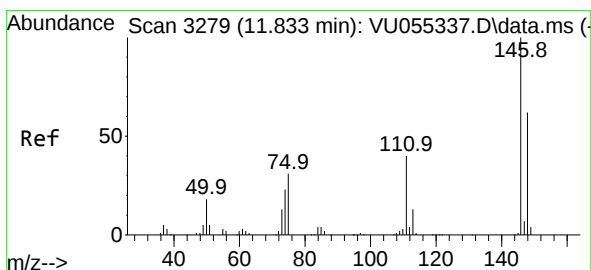
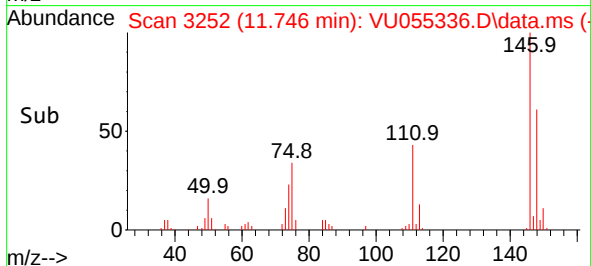
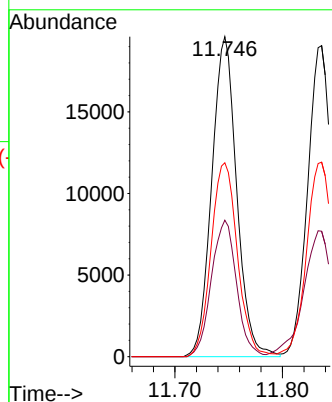
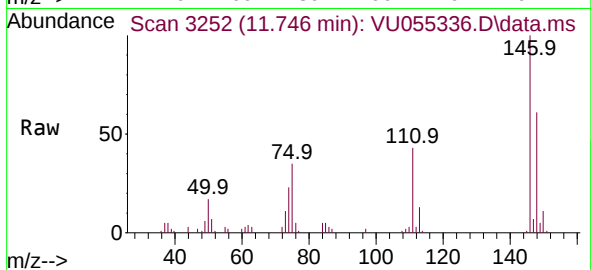
Tgt Ion:146 Resp: 31603

Ion Ratio Lower Upper

146 100

111 42.6 30.4 56.4

148 60.6 44.9 83.5



#65

1,4-Dichlorobenzene

Concen: 1.049 ug/L

RT: 11.836 min Scan# 3280

Delta R.T. 0.003 min

Lab File: VU055336.D

Acq: 15 Sep 2023 13:16

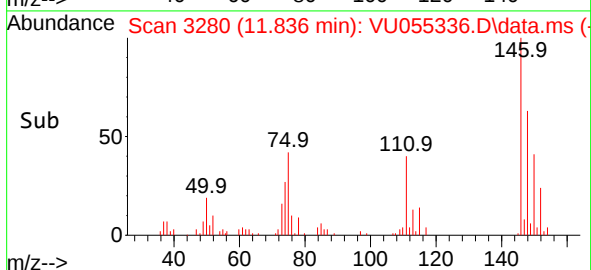
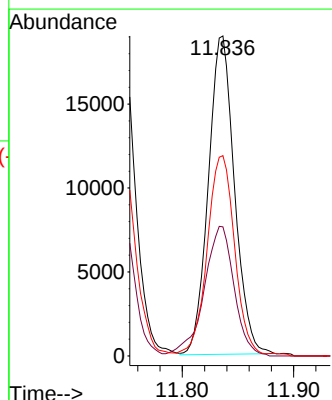
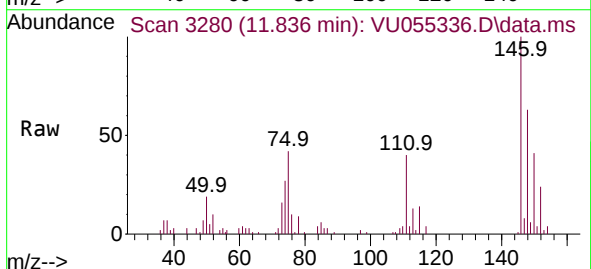
Tgt Ion:146 Resp: 30895

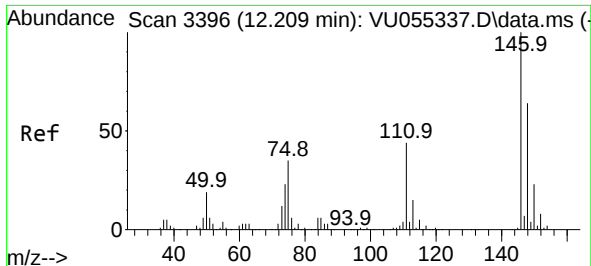
Ion Ratio Lower Upper

146 100

111 40.3 28.7 53.3

148 62.6 43.5 80.9





#67

1,2-Dichlorobenzene

Concen: 1.045 ug/L

RT: 12.213 min Scan# 31

Delta R.T. 0.003 min

Lab File: VU055336.D

Acq: 15 Sep 2023 13:16

Instrument :

MSVOA_U

ClientSampleId :

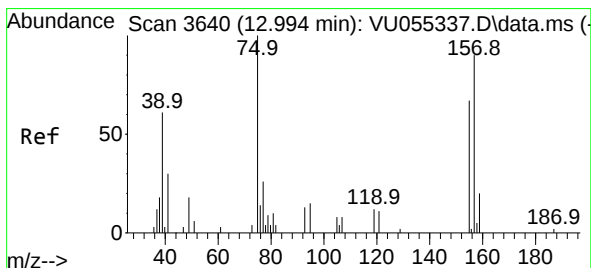
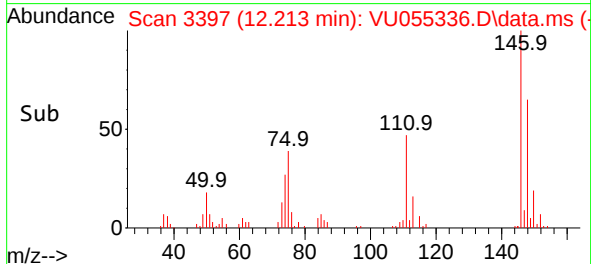
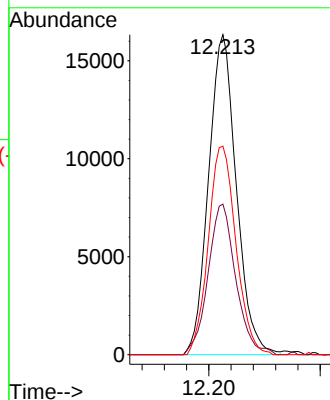
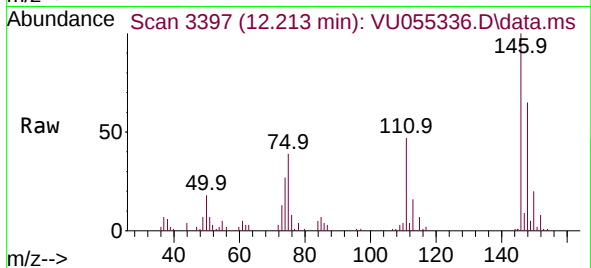
Tgt Ion:146 Resp: 28258

Ion Ratio Lower Upper

146 100

111 47.1 35.4 53.0

148 65.1 51.4 77.2



#68

1,2-Dibromo-3-chloropropane

Concen: 0.917 ug/L

RT: 12.997 min Scan# 3641

Delta R.T. 0.003 min

Lab File: VU055336.D

Acq: 15 Sep 2023 13:16

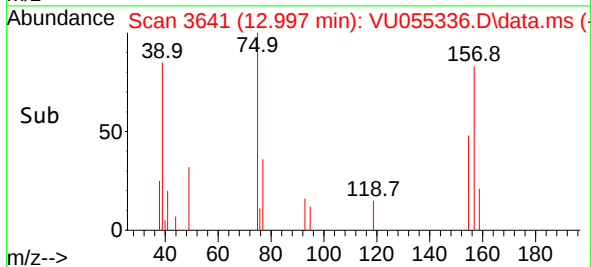
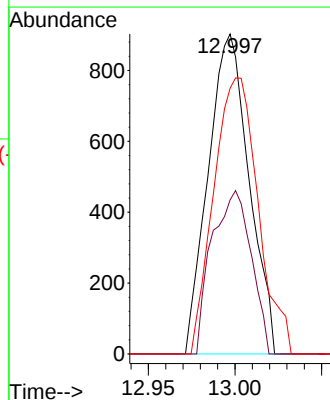
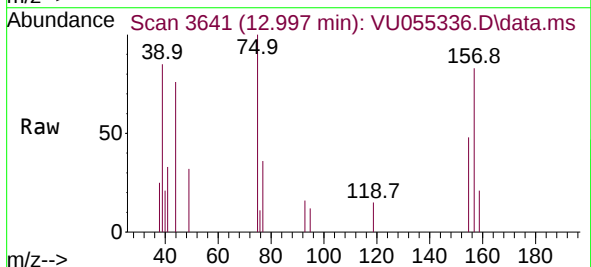
Tgt Ion: 75 Resp: 1479

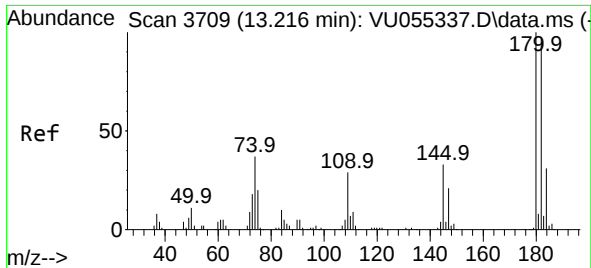
Ion Ratio Lower Upper

75 100

155 48.2 53.7 80.5#

157 83.1 72.4 108.6





#69

1,3,5-Trichlorobenzene

Concen: 0.983 ug/L

RT: 13.219 min Scan# 31

Delta R.T. 0.003 min

Lab File: VU055336.D

Acq: 15 Sep 2023 13:16

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:180 Resp: 21082

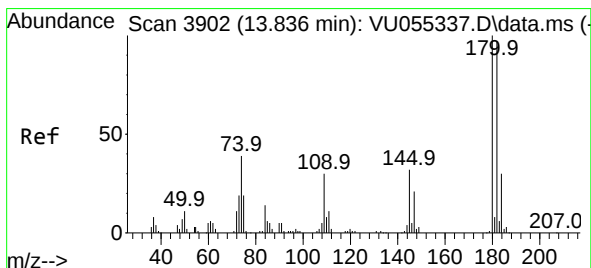
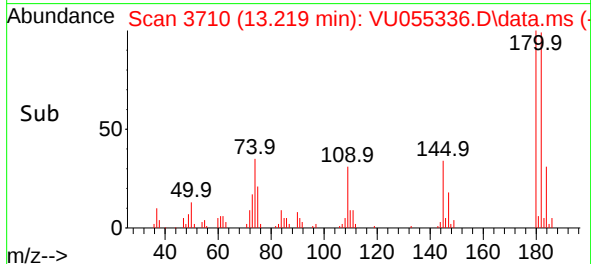
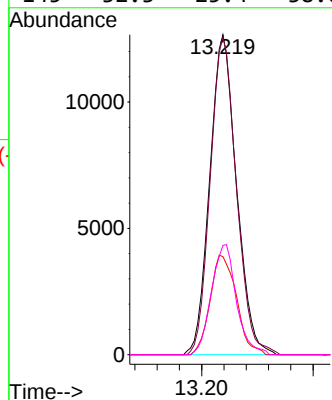
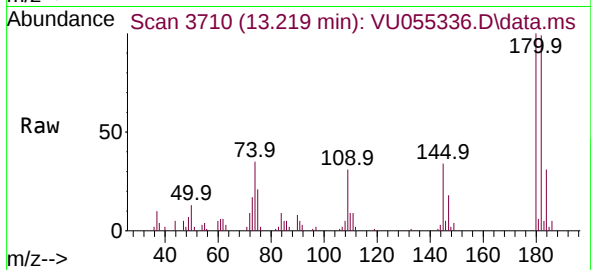
Ion Ratio Lower Upper

180 100

182 96.8 77.4 116.2

184 30.6 24.5 36.7

145 32.3 25.4 38.0



#70

1,2,4-trichlorobenzene

Concen: 0.917 ug/L

RT: 13.840 min Scan# 3903

Delta R.T. 0.003 min

Lab File: VU055336.D

Acq: 15 Sep 2023 13:16

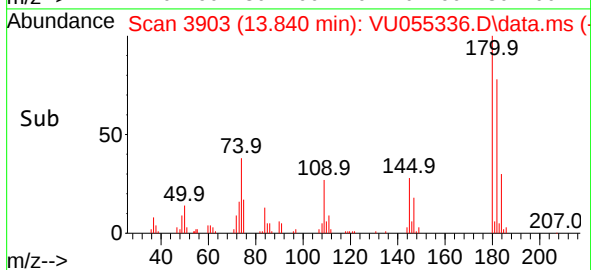
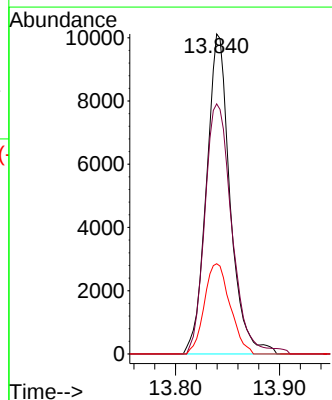
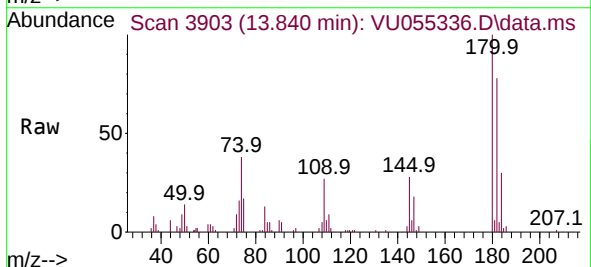
Tgt Ion:180 Resp: 15954

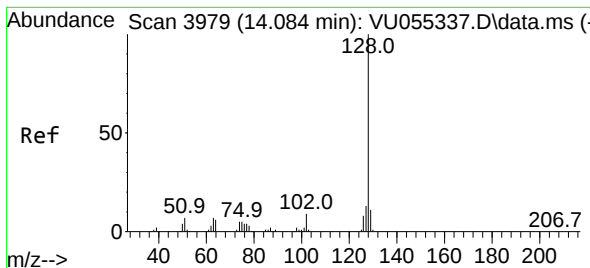
Ion Ratio Lower Upper

180 100

182 89.4 76.3 114.5

145 30.7 25.8 38.8





#71

Naphthalene

Concen: 0.842 ug/L

RT: 14.087 min Scan# 3979

Delta R.T. 0.003 min

Lab File: VU055336.D

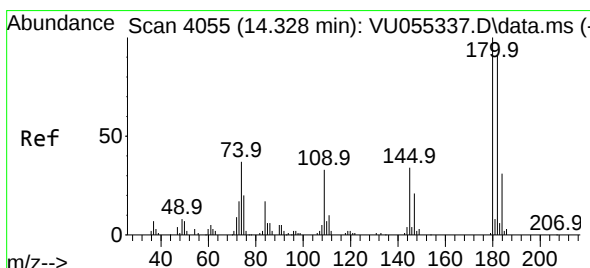
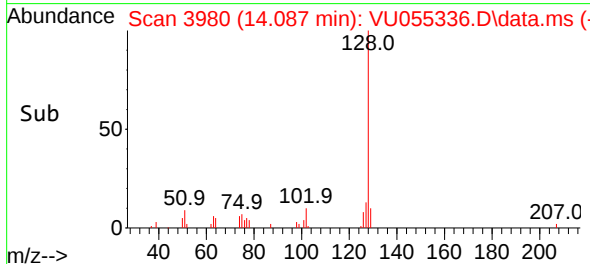
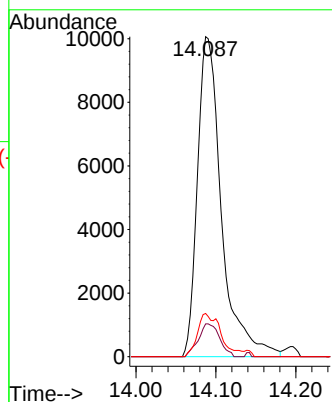
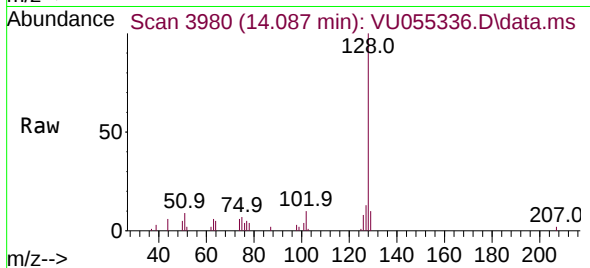
Acq: 15 Sep 2023 13:16

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:128	Resp:	21056
Ion Ratio	Lower	Upper
128	100	
129	9.1	8.2 12.4
127	13.2	10.3 15.5



#72

1,2,3-Trichlorobenzene

Concen: 0.917 ug/L

RT: 14.328 min Scan# 4055

Delta R.T. 0.000 min

Lab File: VU055336.D

Acq: 15 Sep 2023 13:16

Tgt Ion:180	Resp:	13423
Ion Ratio	Lower	Upper
180	100	
182	94.6	74.6 112.0
145	34.0	27.3 40.9

