

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111323\
 Data File : VU056251.D
 Acq On : 13 Nov 2023 14:26
 Operator : MD/SY
 Sample : VSTD0.5
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 13 23:29:36 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Nov 13 23:28:53 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	328366	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	315447	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	139068	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	12637	0.515	ug/L	0.00
7) Chloroethane-d5	1.911	69	10017	0.532	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.563	65	5238	0.483	ug/L	0.00
20) 2-Butanone-d5	4.637	46	21172	4.389	ug/L	0.02
24) Chloroform-d	5.058	84	23160	0.488	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.701	65	10535	0.480	ug/L	0.00
32) Benzene-d6	5.724	84	45551	0.485	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.685	67	14113	0.498	ug/L	0.00
41) Toluene-d8	7.894	98	38554	0.465	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.180	79	5278	0.486	ug/L	0.00
46) 2-Hexanone-d5	8.634	63	17119	4.010	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.749	84	9356	0.462	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.190	152	14771	0.575	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.383	85	10685	0.411	ug/L	99
3) Chloromethane	1.518	50	12063	0.454	ug/L	98
5) Vinyl chloride	1.602	62	10363	0.405	ug/L	95
6) Bromomethane	1.856	94	5342	0.412	ug/L	86
8) Chloroethane	1.930	64	7781	0.497	ug/L	99
9) Trichlorofluoromethane	2.136	101	15086	0.409	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	9268	0.423	ug/L	99
12) 1,1-Dichloroethene	2.576	96	7876	0.392	ug/L	83
13) Acetone	2.634	43	18010	4.318	ug/L	99
14) Carbon disulfide	2.788	76	28042	0.429	ug/L	99
15) Methyl Acetate	2.959	43	2448	0.343	ug/L #	77
16) Methylene chloride	3.042	84	15960	0.600	ug/L	92
17) Methyl tert-butyl Ether	3.357	73	19744	0.404	ug/L	99
18) trans-1,2-Dichloroethene	3.351	96	8411	0.407	ug/L	84
19) 1,1-Dichloroethane	3.865	63	16745	0.409	ug/L	92
21) 2-Butanone	4.717	43	18604	3.556	ug/L	98
22) cis-1,2-Dichloroethene	4.660	96	9089	0.388	ug/L	95
23) Bromochloromethane	4.968	128	4023	0.417	ug/L	87
25) Chloroform	5.087	83	20578	0.464	ug/L	98
27) 1,2-Dichloroethane	5.791	62	10600	0.421	ug/L	96
29) 1,1,1-Trichloroethane	5.306	97	14327	0.396	ug/L	97
30) Cyclohexane	5.383	56	13434	0.391	ug/L	93
31) Carbon tetrachloride	5.521	117	12473	0.401	ug/L	97
33) Benzene	5.775	78	36382	0.404	ug/L	100
34) Trichloroethene	6.541	95	10838	0.442	ug/L	94
35) Methylcyclohexane	6.759	83	12608	0.356	ug/L	93
37) 1,2-Dichloropropane	6.788	63	9493	0.404	ug/L #	95
38) Bromodichloromethane	7.103	83	13576	0.448	ug/L	93
39) cis-1,3-Dichloropropene	7.605	75	13387	0.388	ug/L	97
40) 4-Methyl-2-pentanone	7.788	43	44673	3.839	ug/L	97
42) Toluene	7.968	91	35916	0.385	ug/L	98
44) trans-1,3-Dichloropropene	8.213	75	10568	0.384	ug/L	92

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

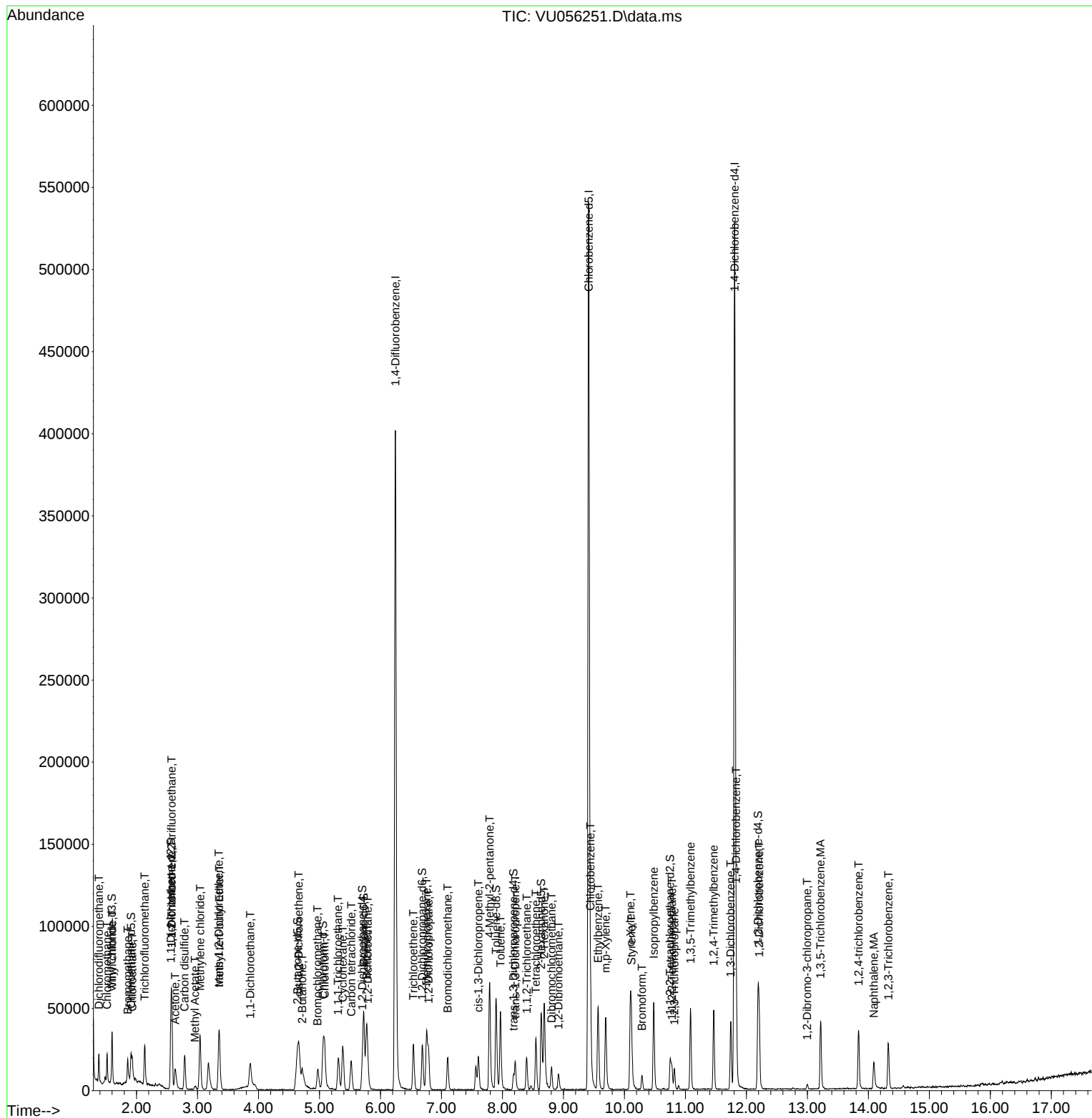
45) 1,1,2-Trichloroethane	8.399	97	6238	0.399	ug/L	99
47) Tetrachloroethene	8.550	164	6760	0.409	ug/L	92
48) 2-Hexanone	8.685	43	35390	3.904	ug/L	94
49) Dibromochloromethane	8.804	129	7351	0.414	ug/L	96
50) 1,2-Dibromoethane	8.920	107	6205	0.420	ug/L	95
51) Chlorobenzene	9.444	112	25097	0.419	ug/L	95
52) Ethylbenzene	9.569	91	39534	0.382	ug/L	97
53) m,p-Xylene	9.692	106	13450	0.354	ug/L	95
54) o-Xylene	10.100	106	14110	0.382	ug/L	85
55) Styrene	10.116	104	19022	0.309	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.778	83	7391	0.387	ug/L #	99
59) Bromoform	10.286	173	3414	0.394	ug/L #	90
60) Isopropylbenzene	10.483	105	35548	0.396	ug/L	100
61) 1,2,3-Trichloropropane	10.817	75	5141	0.431	ug/L	94
62) 1,3,5-Trimethylbenzene	11.084	105	27804	0.378	ug/L	98
63) 1,2,4-Trimethylbenzene	11.463	105	26804	0.369	ug/L	99
64) 1,3-Dichlorobenzene	11.743	146	16764	0.411	ug/L	95
65) 1,4-Dichlorobenzene	11.833	146	18390	0.449	ug/L	98
67) 1,2-Dichlorobenzene	12.209	146	16059	0.429	ug/L	94
68) 1,2-Dibromo-3-chloropr...	12.997	75	1239	0.486	ug/L #	74
69) 1,3,5-Trichlorobenzene	13.216	180	14007	0.456	ug/L	99
70) 1,2,4-trichlorobenzene	13.839	180	10953	0.438	ug/L	91
71) Naphthalene	14.090	128	16988	0.449	ug/L	97
72) 1,2,3-Trichlorobenzene	14.328	180	9275	0.450	ug/L	100

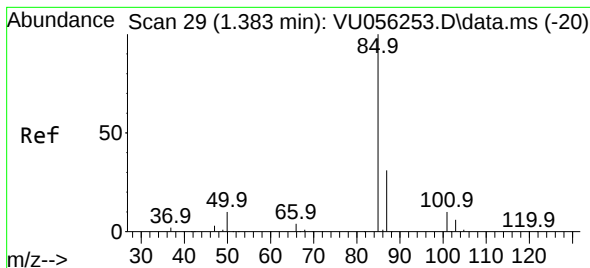
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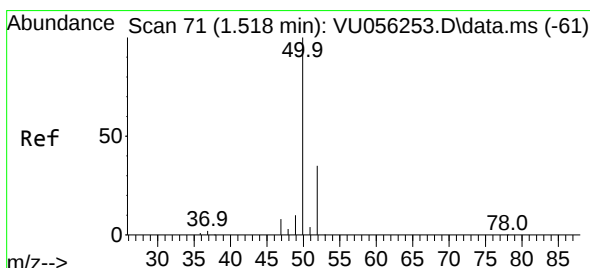
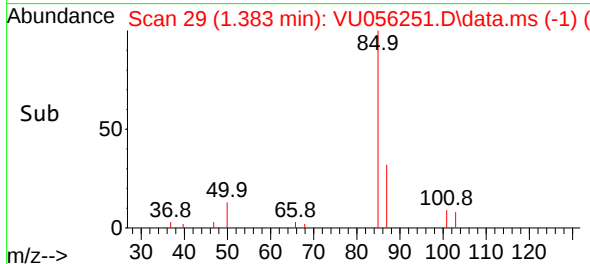
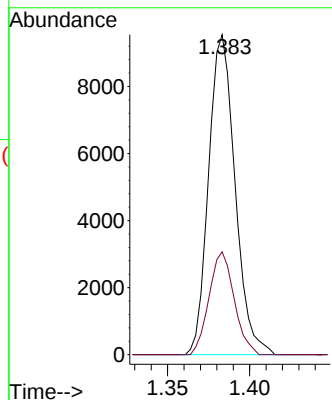
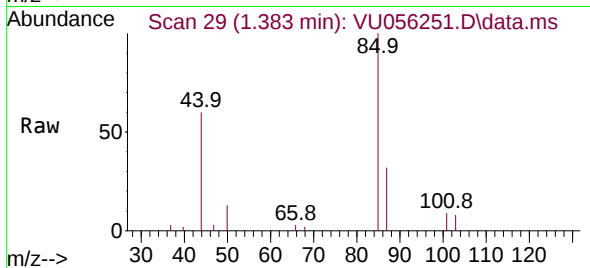




#2
 Dichlorodifluoromethane
 Concen: 0.411 ug/L
 RT: 1.383 min Scan# 29
 Delta R.T. -0.000 min
 Lab File: VU056251.D
 Acq: 13 Nov 2023 14:26

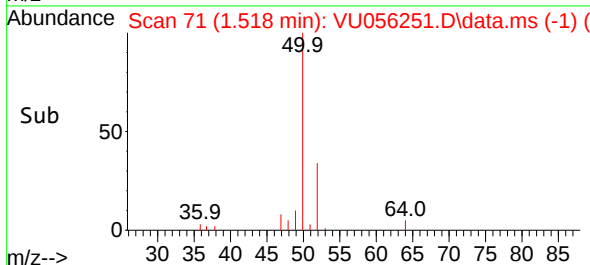
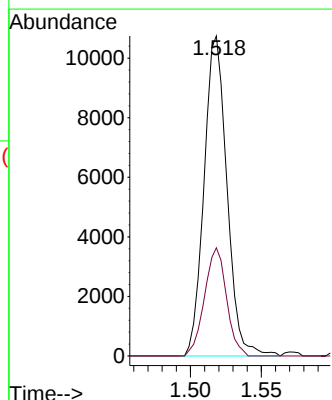
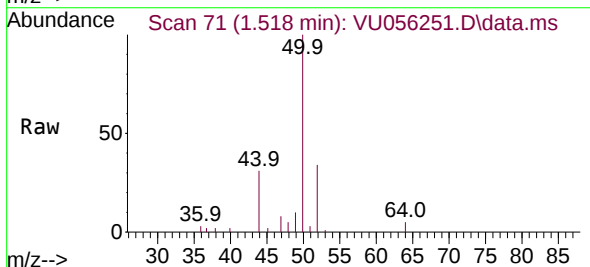
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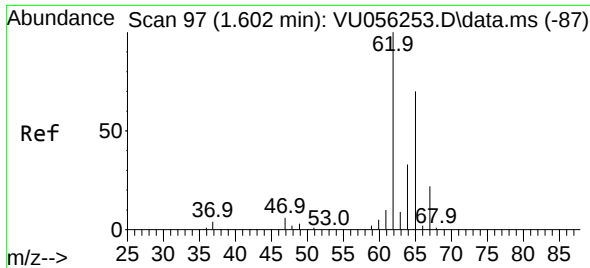
Tgt Ion: 85 Resp: 10685
 Ion Ratio Lower Upper
 85 100
 87 30.5 25.0 37.4



#3
 Chloromethane
 Concen: 0.454 ug/L
 RT: 1.518 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: VU056251.D
 Acq: 13 Nov 2023 14:26

Tgt Ion: 50 Resp: 12063
 Ion Ratio Lower Upper
 50 100
 52 33.8 24.3 45.1

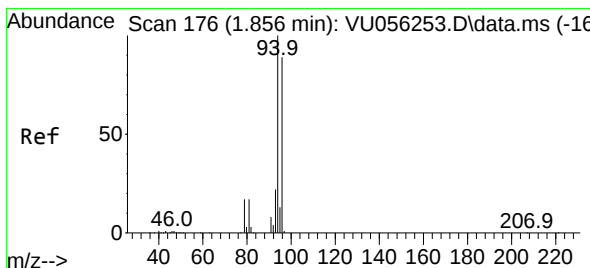
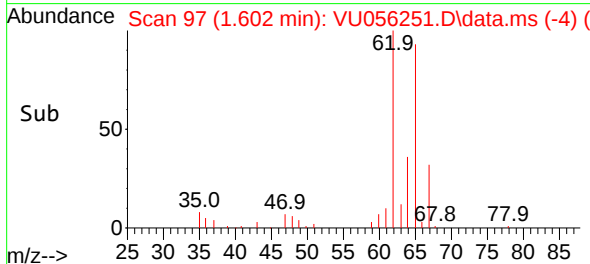
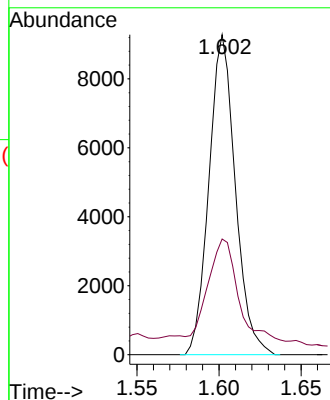
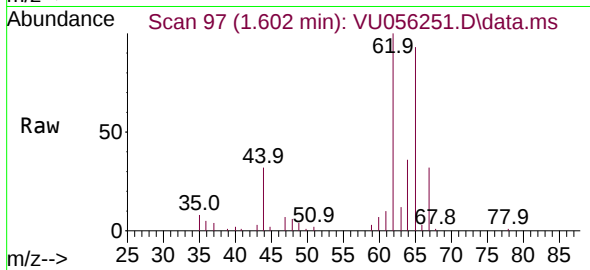




#5
 Vinyl chloride
 Concen: 0.405 ug/L
 RT: 1.602 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VU056251.D
 Acq: 13 Nov 2023 14:26

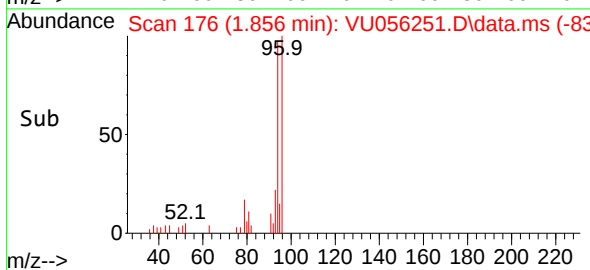
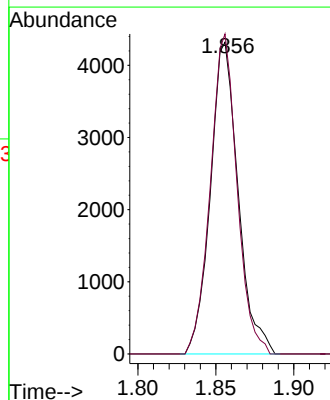
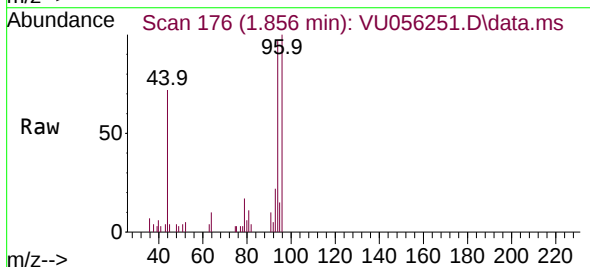
Instrument :
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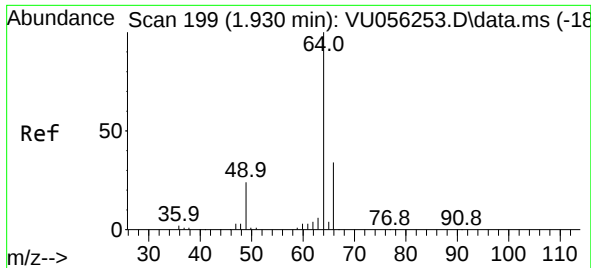
Tgt Ion: 62 Resp: 10363
 Ion Ratio Lower Upper
 62 100
 64 36.2 23.3 43.3



#6
 Bromomethane
 Concen: 0.412 ug/L
 RT: 1.856 min Scan# 176
 Delta R.T. -0.000 min
 Lab File: VU056251.D
 Acq: 13 Nov 2023 14:26

Tgt Ion: 94 Resp: 5342
 Ion Ratio Lower Upper
 94 100
 96 102.6 62.6 116.2

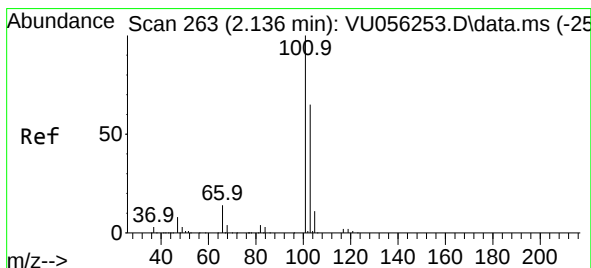
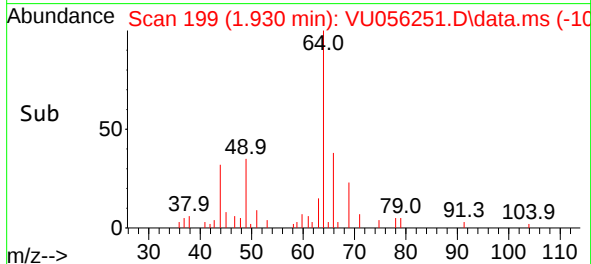
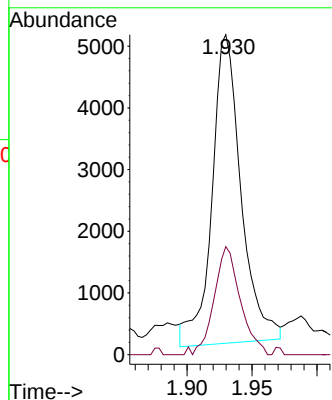
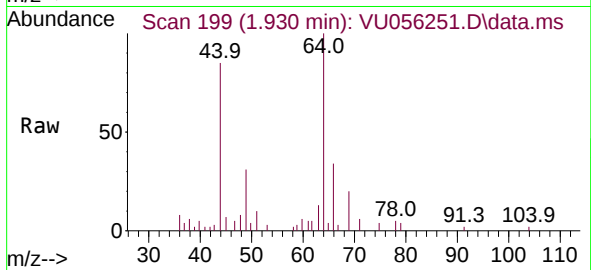




#8
Chloroethane
Concen: 0.497 ug/L
RT: 1.930 min Scan# 199
Delta R.T. -0.000 min
Lab File: VU056251.D
Acq: 13 Nov 2023 14:26

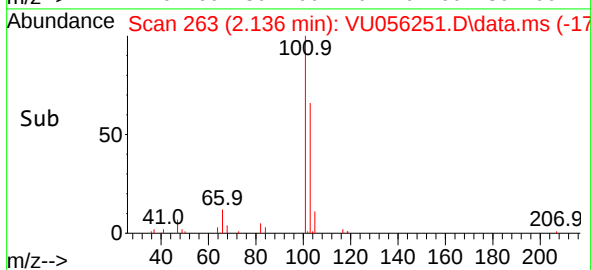
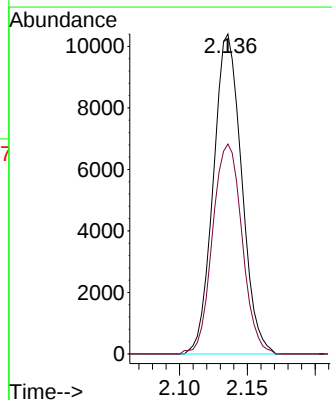
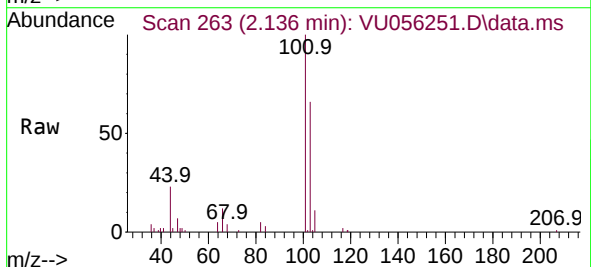
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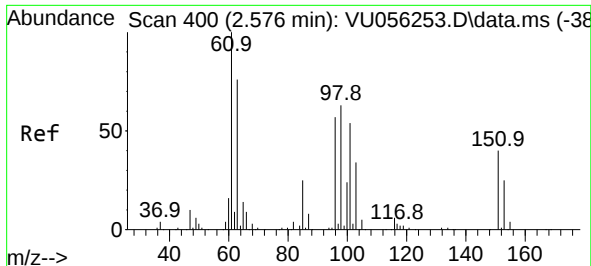
Tgt Ion: 64 Resp: 7781
Ion Ratio Lower Upper
64 100
66 33.7 23.9 44.5



#9
Trichlorofluoromethane
Concen: 0.409 ug/L
RT: 2.136 min Scan# 263
Delta R.T. -0.000 min
Lab File: VU056251.D
Acq: 13 Nov 2023 14:26

Tgt Ion:101 Resp: 15086
Ion Ratio Lower Upper
101 100
103 68.3 52.0 78.0

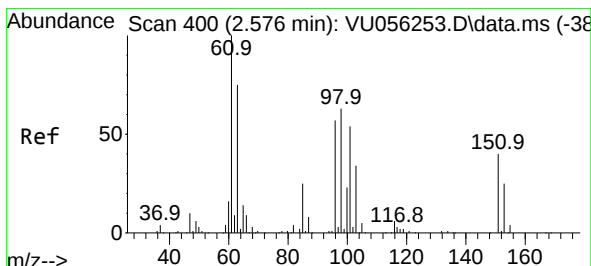
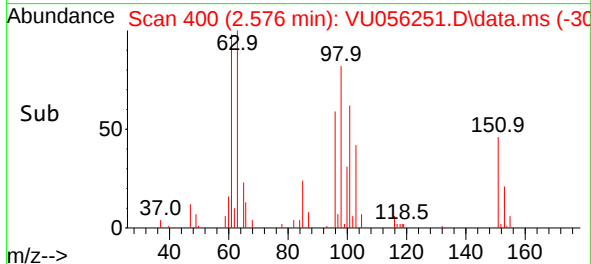
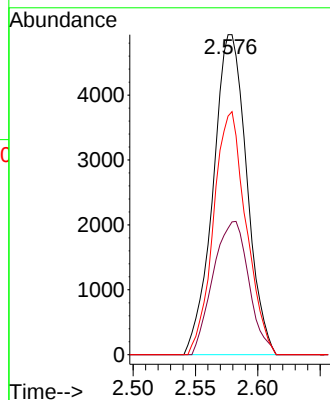
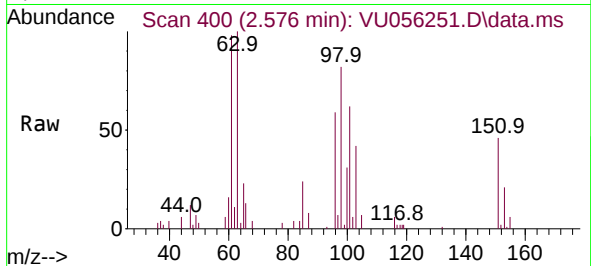




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.423 ug/L
 RT: 2.576 min Scan# 400
 Delta R.T. -0.000 min
 Lab File: VU056251.D
 Acq: 13 Nov 2023 14:26

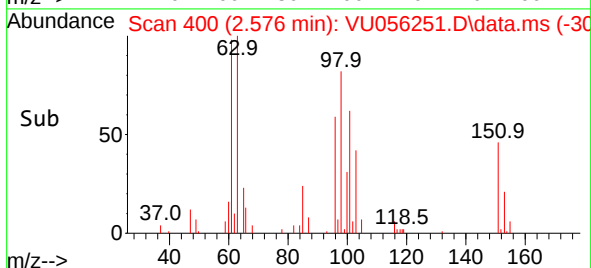
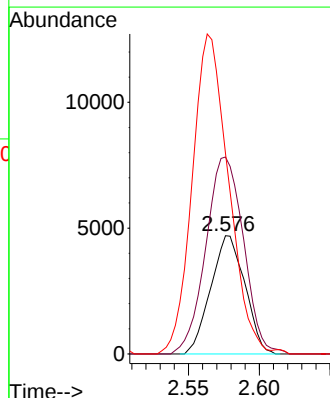
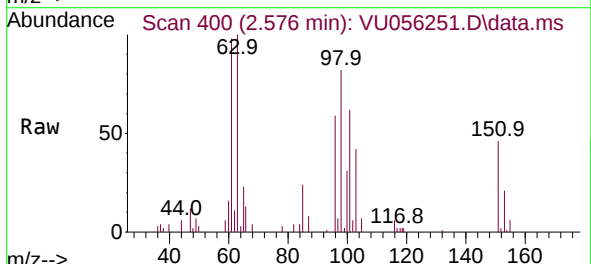
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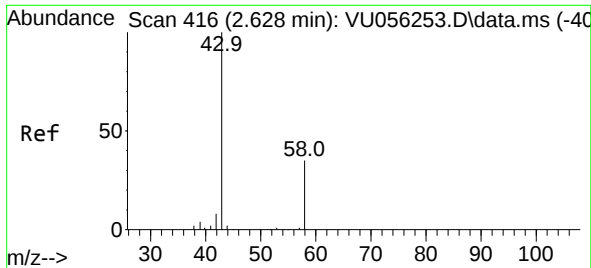
Tgt Ion:101 Resp: 9268
 Ion Ratio Lower Upper
 101 100
 85 44.1 35.4 53.0
 151 73.6 58.0 87.0



#12
 1,1-Dichloroethene
 Concen: 0.392 ug/L
 RT: 2.576 min Scan# 400
 Delta R.T. -0.000 min
 Lab File: VU056251.D
 Acq: 13 Nov 2023 14:26

Tgt Ion: 96 Resp: 7876
 Ion Ratio Lower Upper
 96 100
 61 166.5 123.1 228.7
 63 169.6 93.3 173.3





#13

Acetone

Concen: 4.318 ug/L

RT: 2.634 min Scan# 416

Delta R.T. 0.006 min

Lab File: VU056251.D

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Instrument :

MSVOA_U

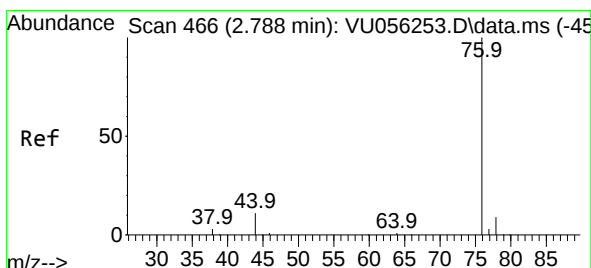
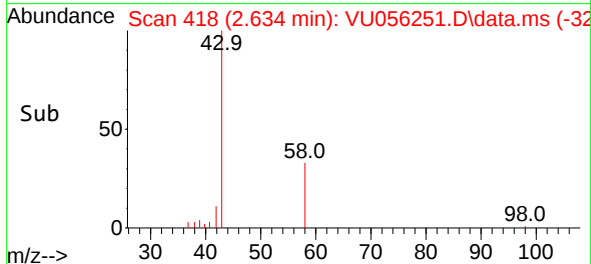
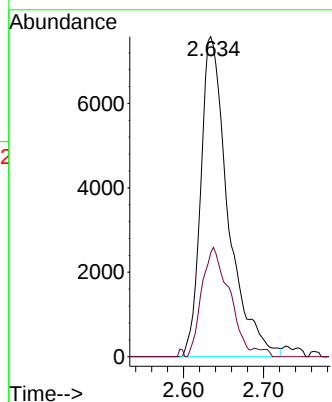
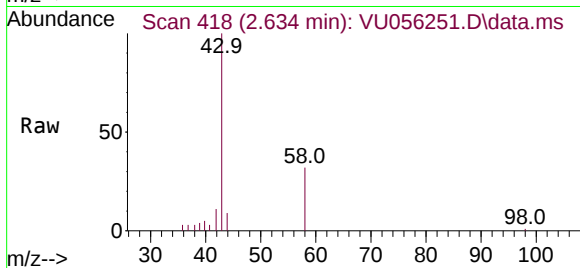
ClientSampleId :

Tgt Ion: 43 Resp: 18010

Ion Ratio Lower Upper

43 100

58 34.3 0.0 70.0



#14

Carbon disulfide

Concen: 0.429 ug/L

RT: 2.788 min Scan# 466

Delta R.T. -0.000 min

Lab File: VU056251.D

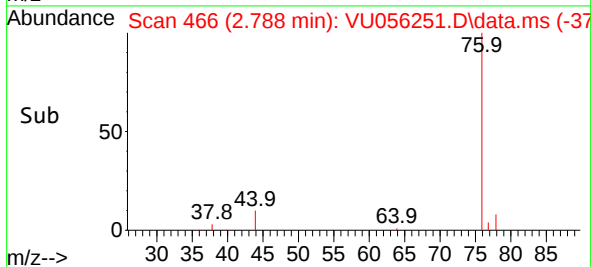
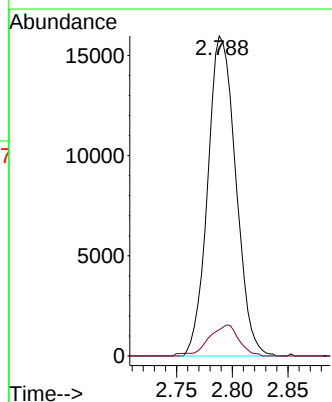
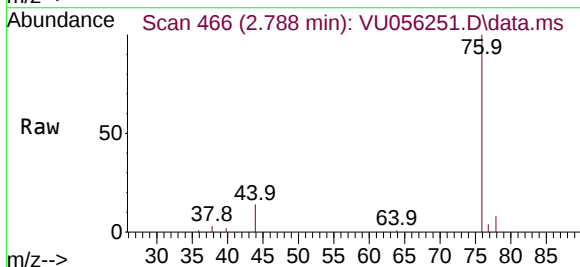
Acq: 13 Nov 2023 14:26

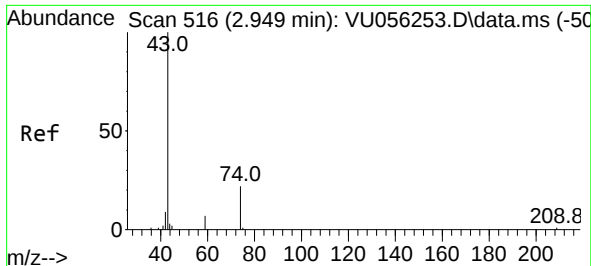
Tgt Ion: 76 Resp: 28042

Ion Ratio Lower Upper

76 100

78 8.2 6.8 10.2

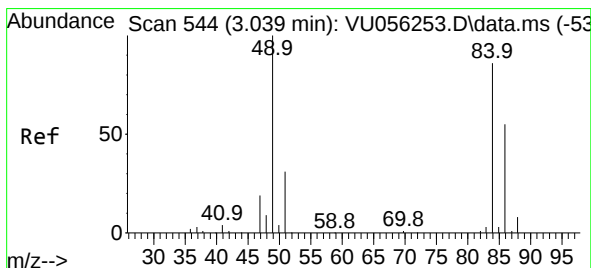
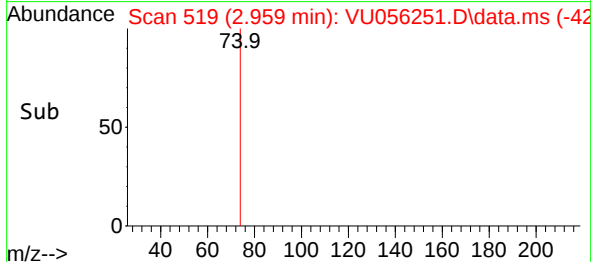
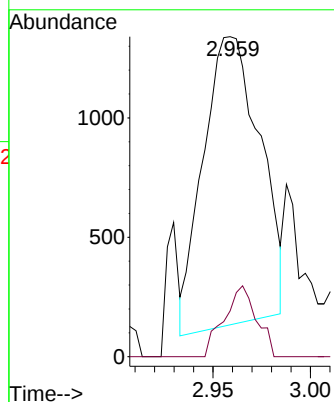
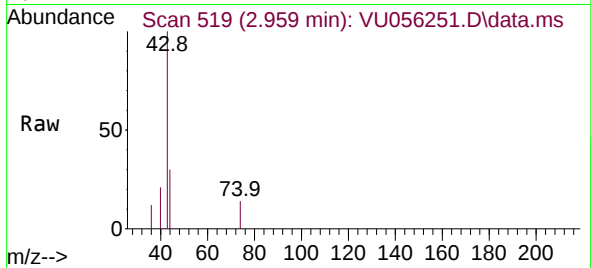




#15
Methyl Acetate
Concen: 0.343 ug/L
RT: 2.959 min Scan# 516
Delta R.T. 0.009 min
Lab File: VU056251.D
Acq: 13 Nov 2023 14:26

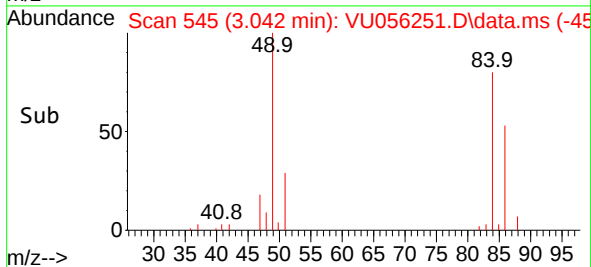
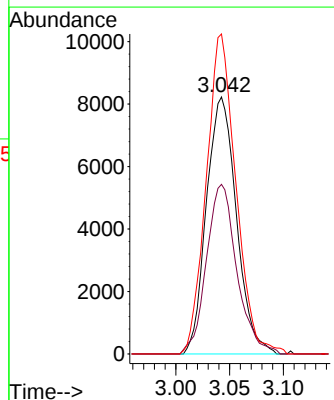
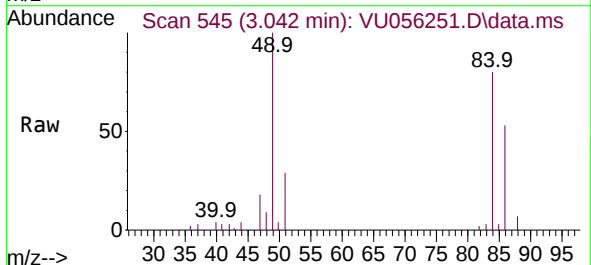
Instrument :
MSVOA_U
ClientSampleId :

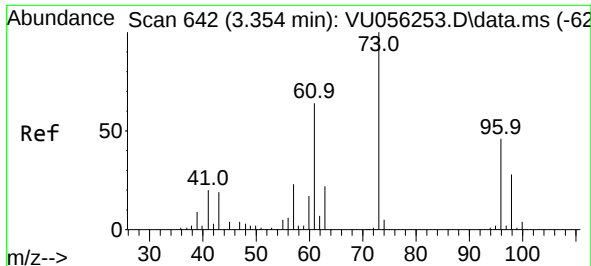
Tgt Ion: 43 Resp: 2448
Ion Ratio Lower Upper
43 100
74 14.1 20.6 31.0#



#16
Methylene chloride
Concen: 0.600 ug/L
RT: 3.042 min Scan# 545
Delta R.T. 0.003 min
Lab File: VU056251.D
Acq: 13 Nov 2023 14:26

Tgt Ion: 84 Resp: 15960
Ion Ratio Lower Upper
84 100
86 66.0 44.7 83.1
49 129.0 81.8 152.0

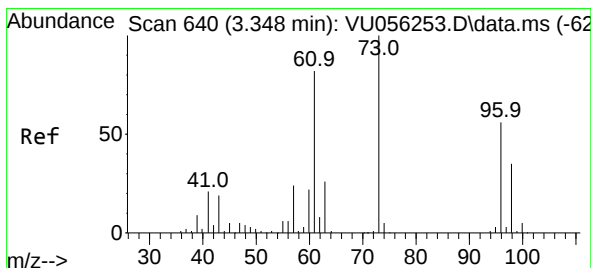
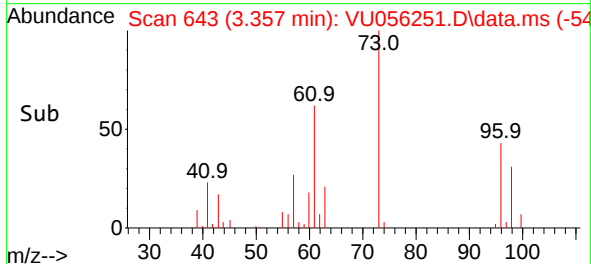
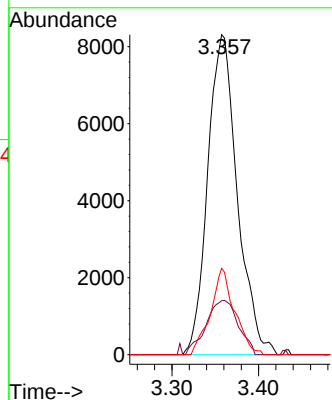
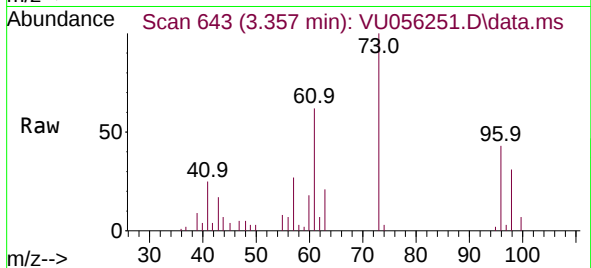




#17
Methyl tert-butyl Ether
Concen: 0.404 ug/L
RT: 3.357 min Scan# 641
Delta R.T. 0.003 min
Lab File: VU056251.D
Acq: 13 Nov 2023 14:26

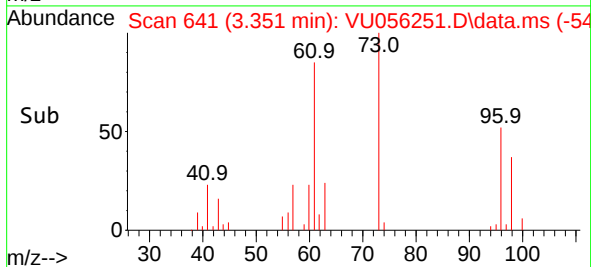
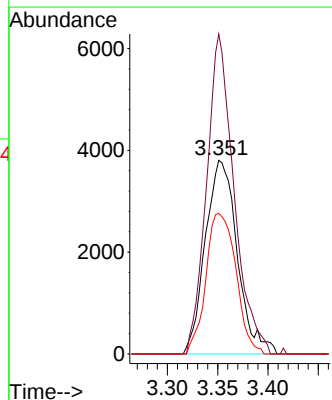
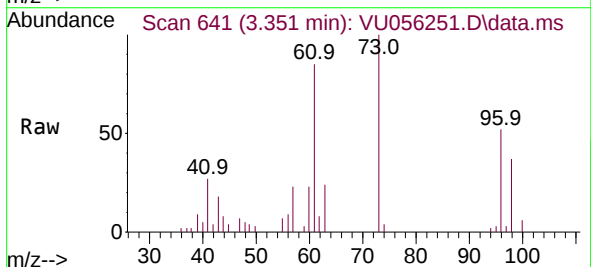
Instrument :
MSVOA_U
ClientSampleId :

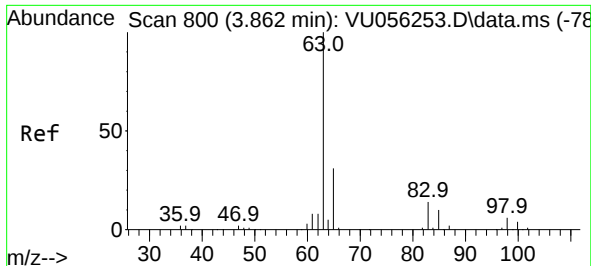
Tgt Ion: 73 Resp: 19744
Ion Ratio Lower Upper
73 100
43 18.5 15.1 22.7
57 22.0 17.8 26.8



#18
trans-1,2-Dichloroethene
Concen: 0.407 ug/L
RT: 3.351 min Scan# 641
Delta R.T. 0.003 min
Lab File: VU056251.D
Acq: 13 Nov 2023 14:26

Tgt Ion: 96 Resp: 8411
Ion Ratio Lower Upper
96 100
61 165.2 101.7 188.9
98 72.6 43.0 80.0





#19

1,1-Dichloroethane

Concen: 0.409 ug/L

RT: 3.865 min Scan# 800

Delta R.T. 0.003 min

Lab File: VU056251.D

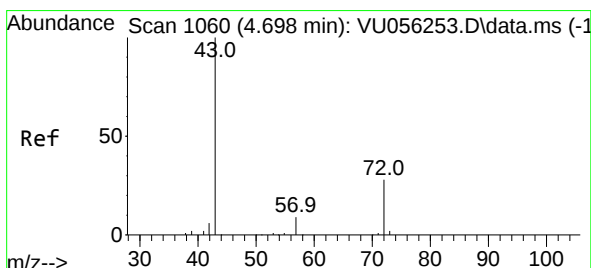
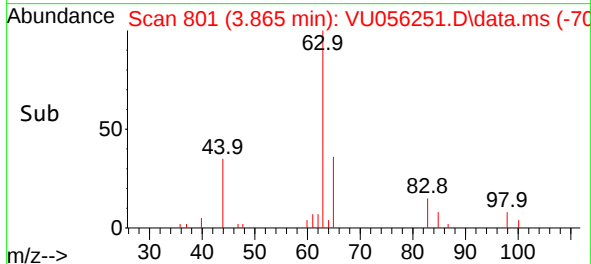
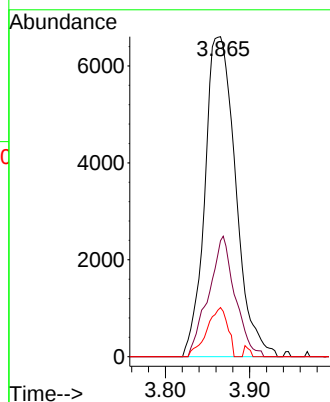
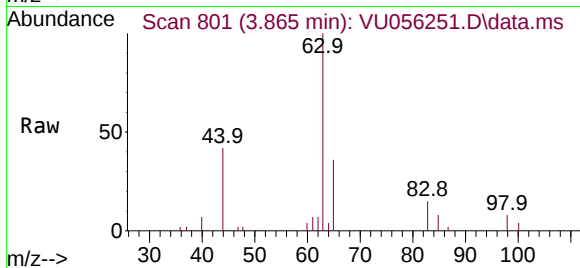
Acq: 13 Nov 2023 14:26

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	63	Resp:	16745
Ion Ratio	Lower	Upper	
63	100		
65	36.3	21.8	40.6
83	15.4	9.7	17.9



#21

2-Butanone

Concen: 3.556 ug/L

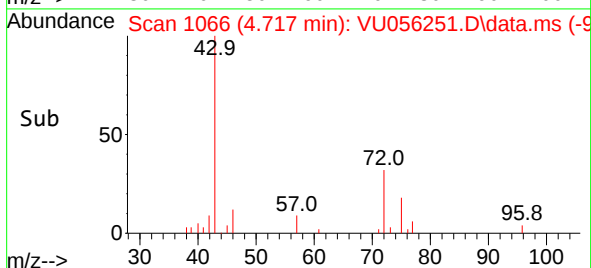
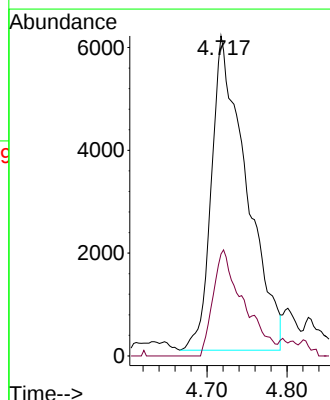
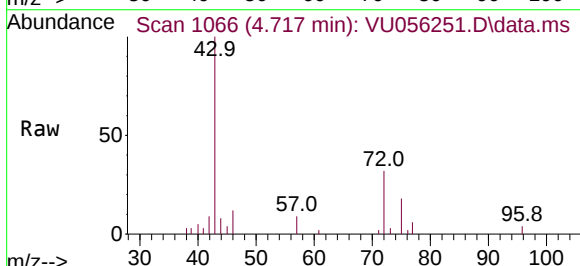
RT: 4.717 min Scan# 1066

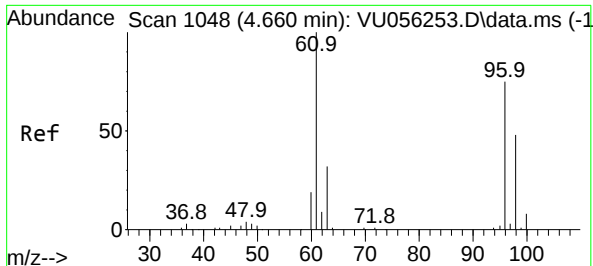
Delta R.T. 0.019 min

Lab File: VU056251.D

Acq: 13 Nov 2023 14:26

Tgt Ion:	43	Resp:	18604
Ion Ratio	Lower	Upper	
43	100		
72	29.6	14.2	42.6





#22

cis-1,2-Dichloroethene

Concen: 0.388 ug/L

RT: 4.660 min Scan# 1048

Delta R.T. -0.000 min

Lab File: VU056251.D

Acq: 13 Nov 2023 14:26

Instrument :

MSVOA_U

ClientSampleId :

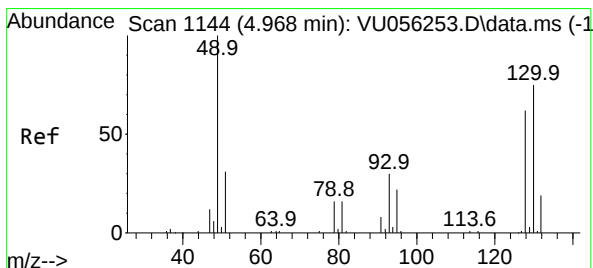
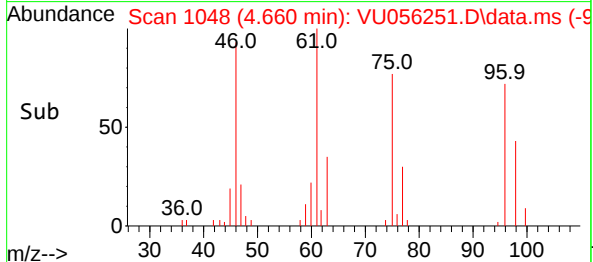
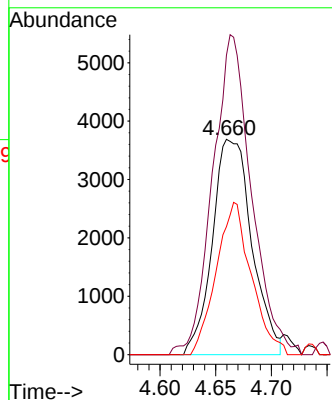
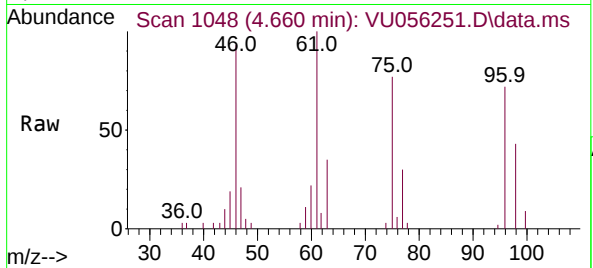
Tgt Ion: 96 Resp: 9089

Ion Ratio Lower Upper

96 100

61 139.0 93.2 173.2

98 59.4 44.8 83.2



#23

Bromochloromethane

Concen: 0.417 ug/L

RT: 4.968 min Scan# 1144

Delta R.T. -0.000 min

Lab File: VU056251.D

Acq: 13 Nov 2023 14:26

Tgt Ion: 128 Resp: 4023

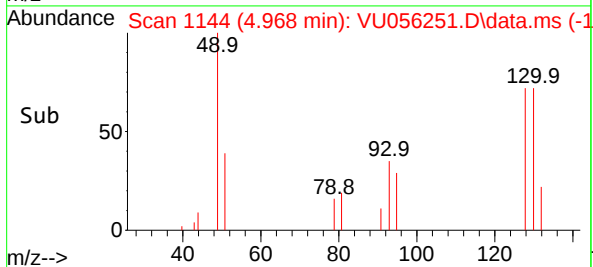
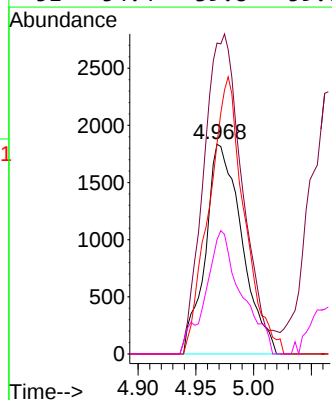
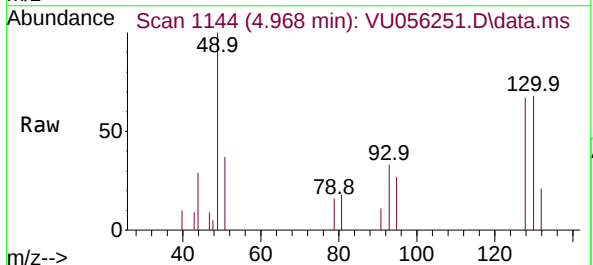
Ion Ratio Lower Upper

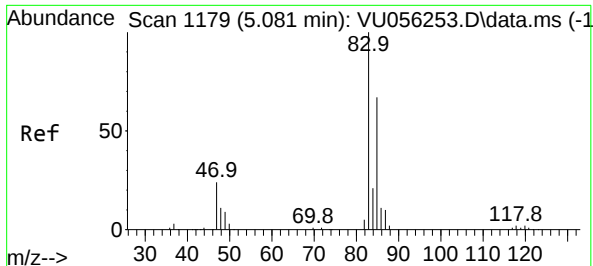
128 100

49 148.2 113.4 210.6

130 100.2 84.8 157.6

51 54.4 39.8 59.6





#25

Chloroform

Concen: 0.464 ug/L

RT: 5.087 min Scan# 1179

Delta R.T. 0.006 min

Lab File: VU056251.D

Acq: 13 Nov 2023 14:26

Instrument :

MSVOA_U

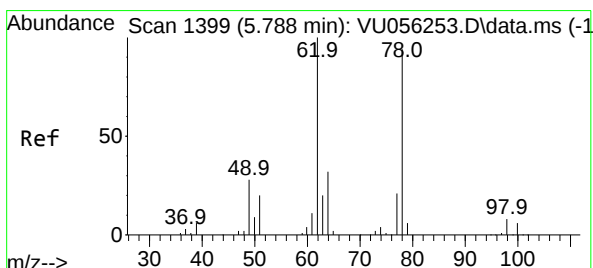
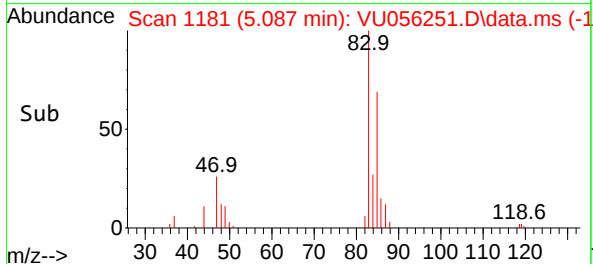
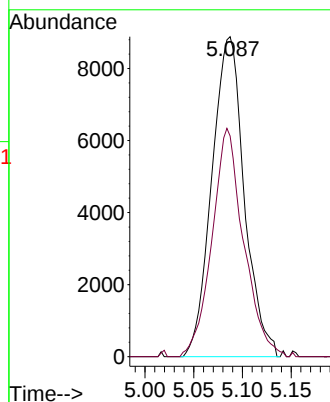
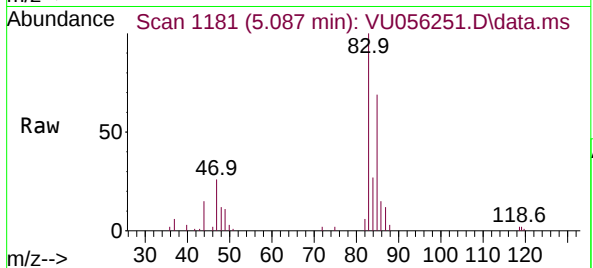
ClientSampleId :

Tgt Ion: 83 Resp: 20578

Ion Ratio Lower Upper

83 100

85 69.0 47.0 87.2



#27

1,2-Dichloroethane

Concen: 0.421 ug/L

RT: 5.791 min Scan# 1400

Delta R.T. 0.003 min

Lab File: VU056251.D

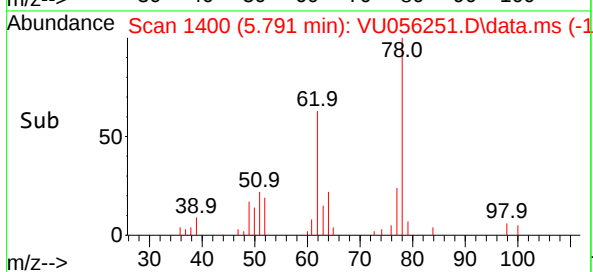
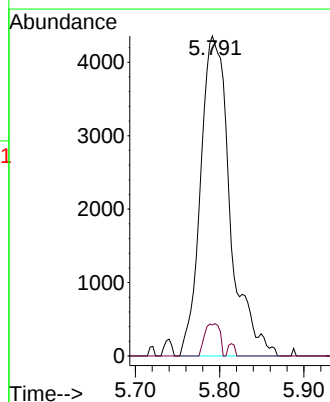
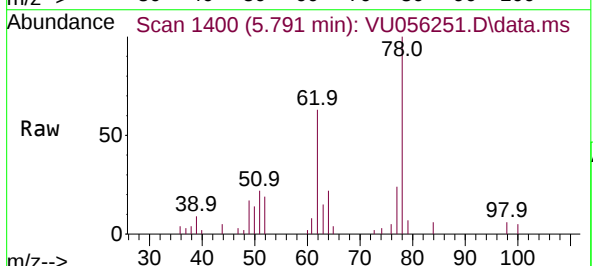
Acq: 13 Nov 2023 14:26

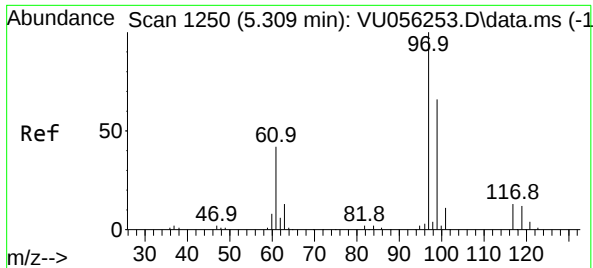
Tgt Ion: 62 Resp: 10600

Ion Ratio Lower Upper

62 100

98 9.7 6.6 10.0





#29

1,1,1-Trichloroethane

Concen: 0.396 ug/L

RT: 5.306 min Scan# 1249

Delta R.T. -0.003 min

Lab File: VU056251.D

Acq: 13 Nov 2023 14:26

Instrument :

MSVOA_U

ClientSampleId :

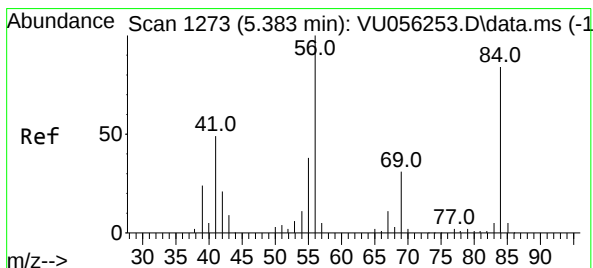
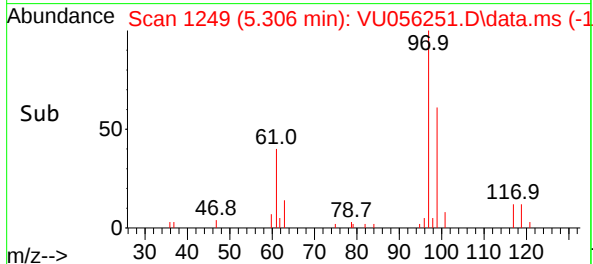
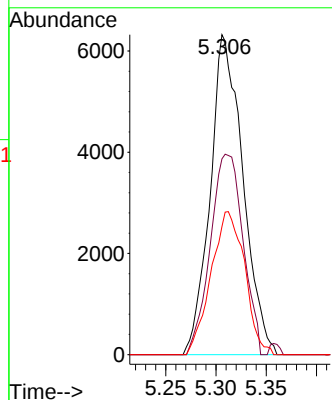
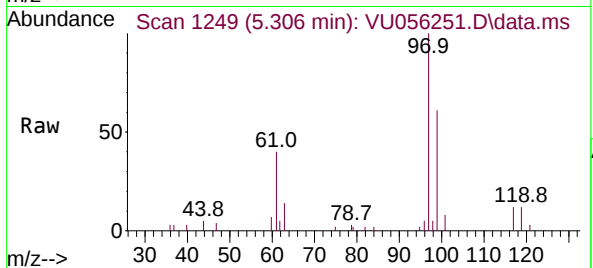
Tgt Ion: 97 Resp: 14327

Ion Ratio Lower Upper

97 100

99 62.7 51.6 77.4

61 46.0 34.3 51.5



#30

Cyclohexane

Concen: 0.391 ug/L

RT: 5.383 min Scan# 1273

Delta R.T. -0.000 min

Lab File: VU056251.D

Acq: 13 Nov 2023 14:26

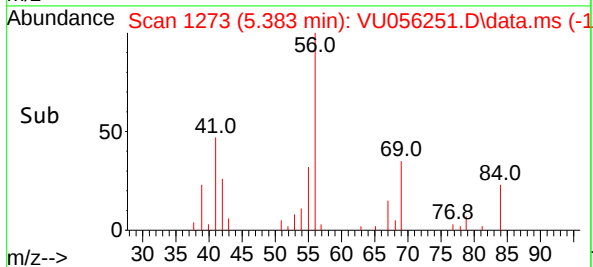
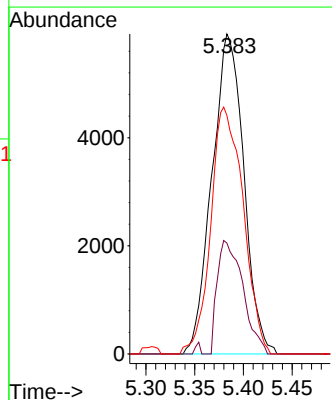
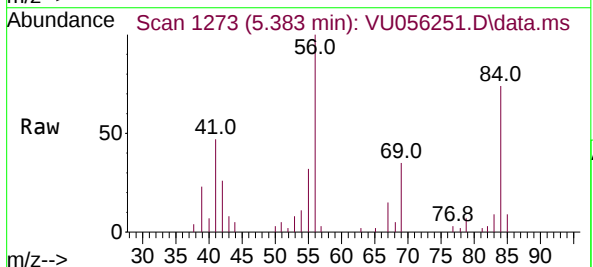
Tgt Ion: 56 Resp: 13434

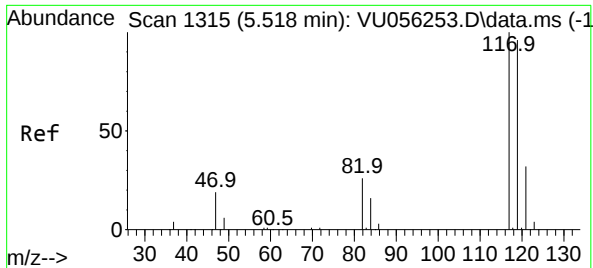
Ion Ratio Lower Upper

56 100

69 28.5 25.4 38.2

84 78.6 68.6 103.0

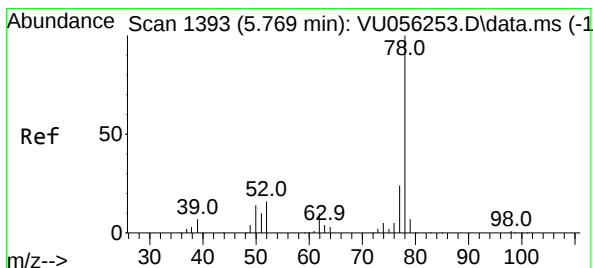
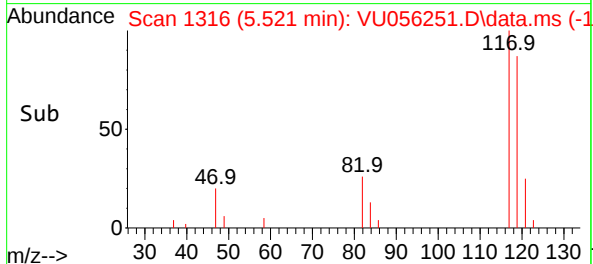
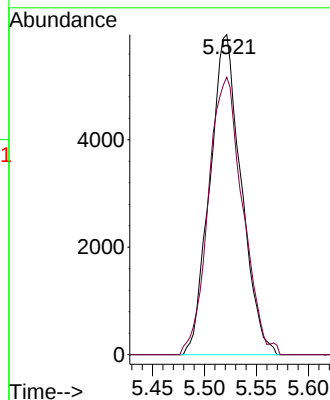
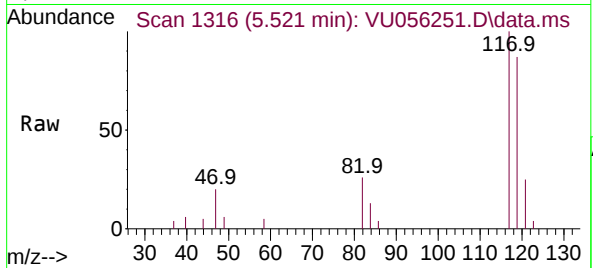




#31
Carbon tetrachloride
Concen: 0.401 ug/L
RT: 5.521 min Scan# 1117
Delta R.T. 0.003 min
Lab File: VU056251.D
Acq: 13 Nov 2023 14:26

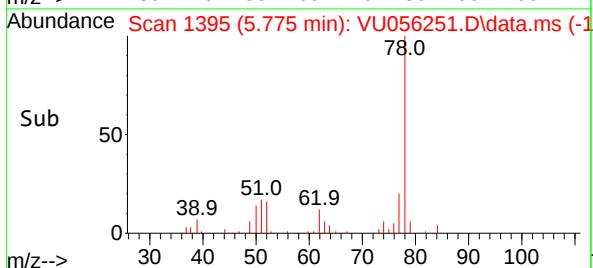
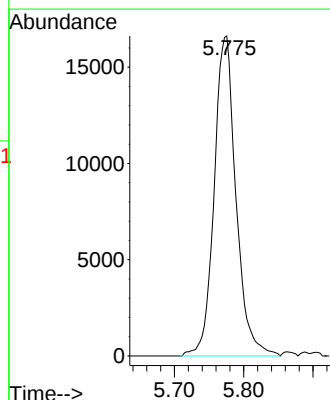
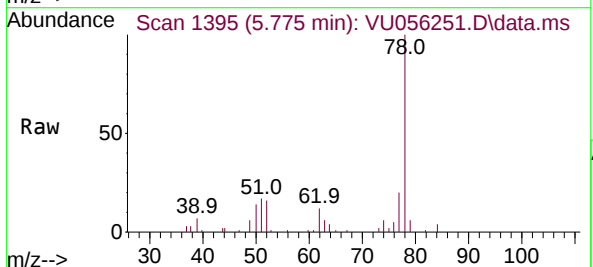
Instrument :
MSVOA_U
ClientSampleId :

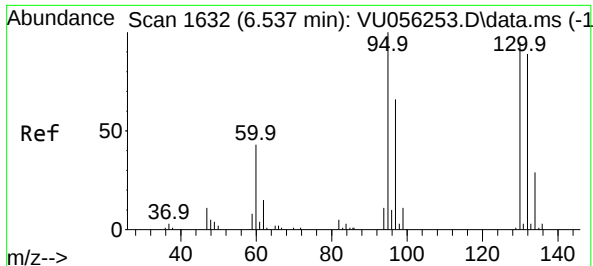
Tgt Ion:117 Resp: 12473
Ion Ratio Lower Upper
117 100
119 94.9 78.1 117.1



#33
Benzene
Concen: 0.404 ug/L
RT: 5.775 min Scan# 1395
Delta R.T. 0.006 min
Lab File: VU056251.D
Acq: 13 Nov 2023 14:26

Tgt Ion: 78 Resp: 36382

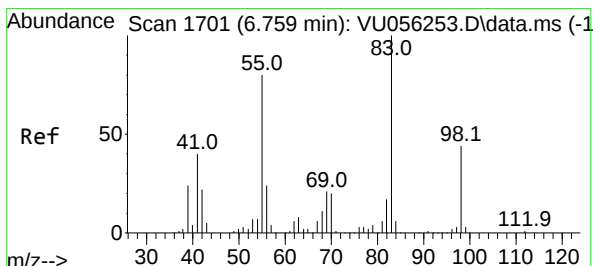
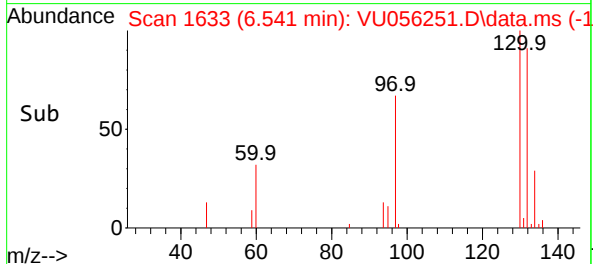
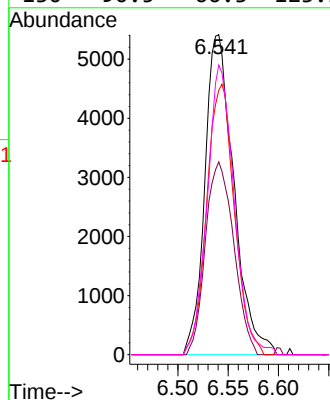
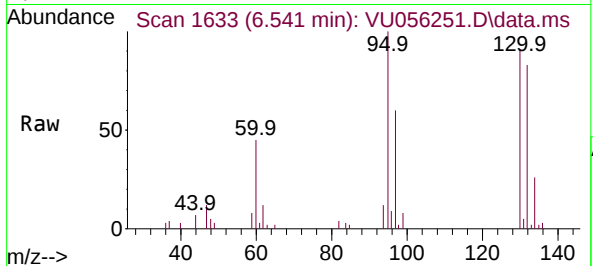




#34
Trichloroethene
Concen: 0.442 ug/L
RT: 6.541 min Scan# 1
Delta R.T. 0.003 min
Lab File: VU056251.D
Acq: 13 Nov 2023 14:26

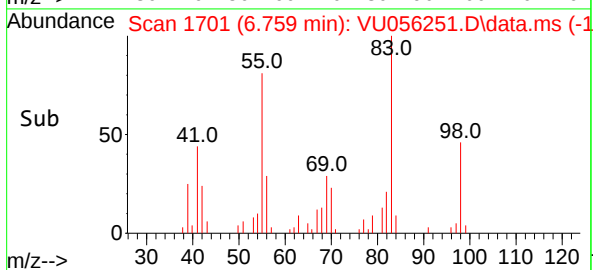
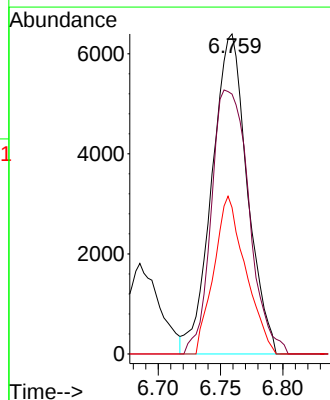
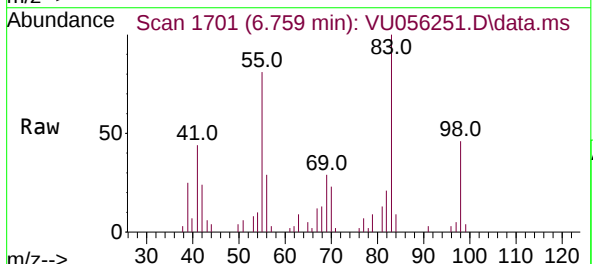
Instrument :
MSVOA_U
ClientSampleId :

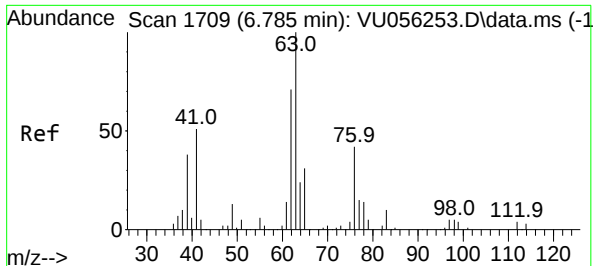
Tgt Ion: 95 Resp: 10838
Ion Ratio Lower Upper
95 100
97 60.2 46.5 86.3
132 82.6 62.0 115.2
130 90.5 66.3 123.1



#35
Methylcyclohexane
Concen: 0.356 ug/L
RT: 6.759 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VU056251.D
Acq: 13 Nov 2023 14:26

Tgt Ion: 83 Resp: 12608
Ion Ratio Lower Upper
83 100
55 87.7 62.9 94.3
98 44.2 35.3 52.9





#37

1,2-Dichloropropane

Concen: 0.404 ug/L

RT: 6.788 min Scan# 11

Delta R.T. 0.003 min

Lab File: VU056251.D

Acq: 13 Nov 2023 14:26

Instrument :

MSVOA_U

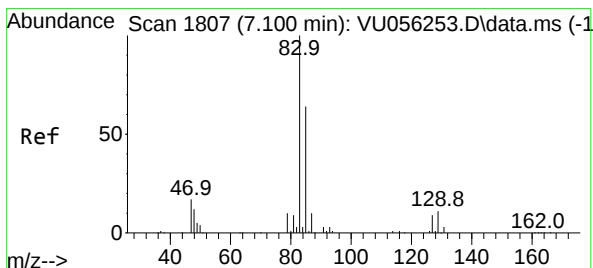
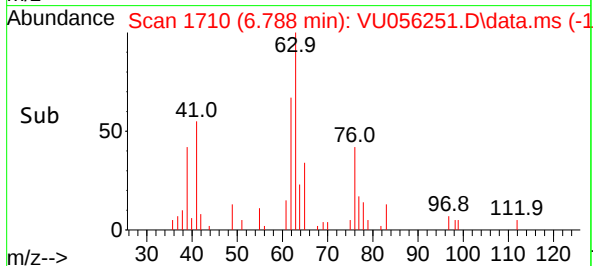
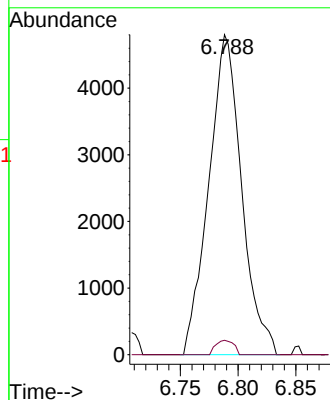
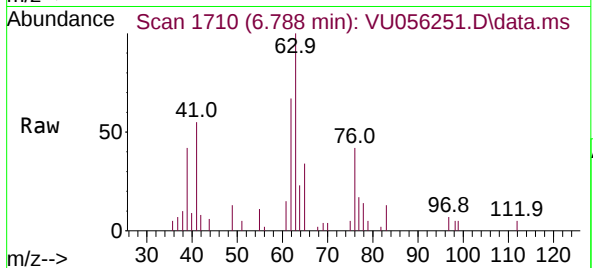
ClientSampleId :

Tgt Ion: 63 Resp: 9493

Ion Ratio Lower Upper

63 100

112 2.5 3.2 4.8#



#38

Bromodichloromethane

Concen: 0.448 ug/L

RT: 7.103 min Scan# 1808

Delta R.T. 0.003 min

Lab File: VU056251.D

Acq: 13 Nov 2023 14:26

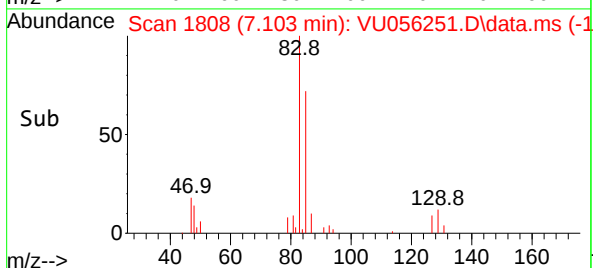
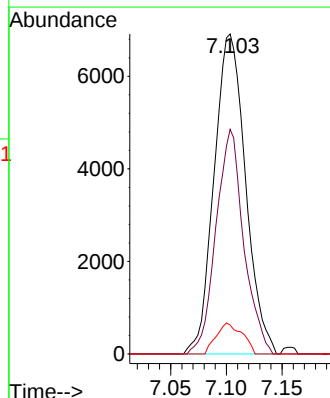
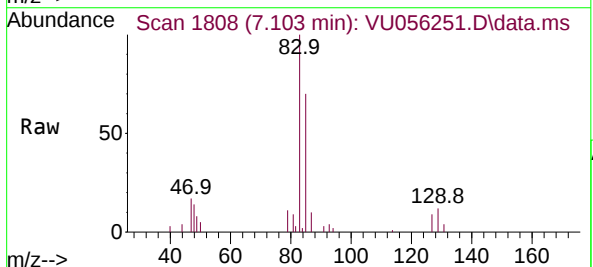
Tgt Ion: 83 Resp: 13576

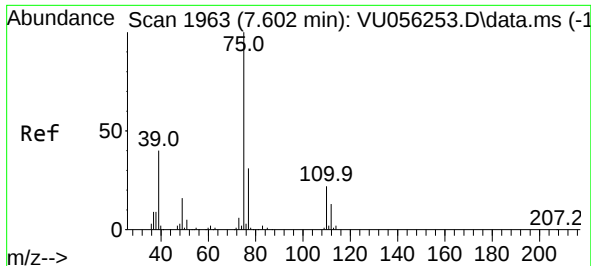
Ion Ratio Lower Upper

83 100

85 70.2 44.9 83.5

127 9.1 6.9 10.3





#39

cis-1,3-Dichloropropene

Concen: 0.388 ug/L

RT: 7.605 min Scan# 1963

Delta R.T. 0.003 min

Lab File: VU056251.D

Acq: 13 Nov 2023 14:26

Instrument :

MSVOA_U

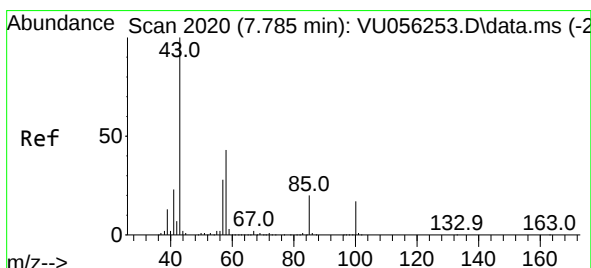
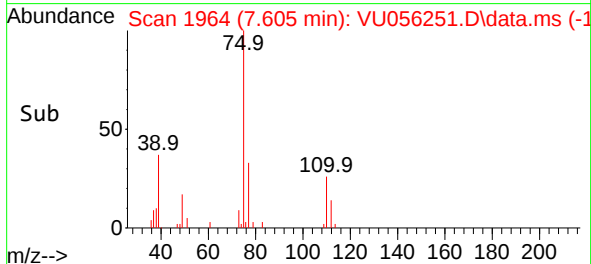
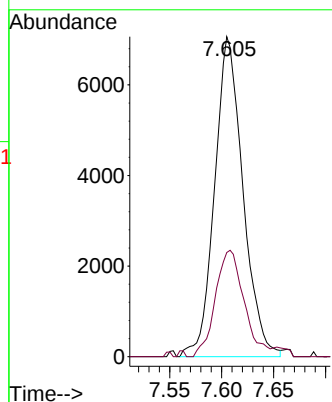
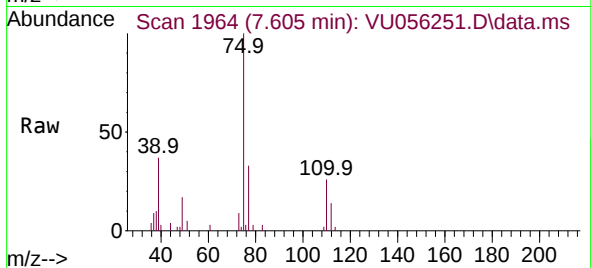
ClientSampleId :

Tgt Ion: 75 Resp: 13387

Ion Ratio Lower Upper

75 100

77 32.5 21.5 39.9



#40

4-Methyl-2-pentanone

Concen: 3.839 ug/L

RT: 7.788 min Scan# 2021

Delta R.T. 0.003 min

Lab File: VU056251.D

Acq: 13 Nov 2023 14:26

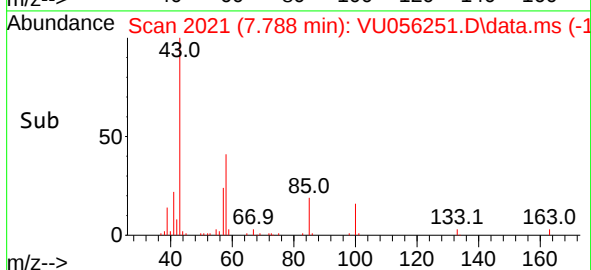
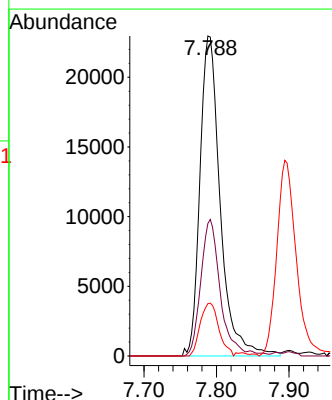
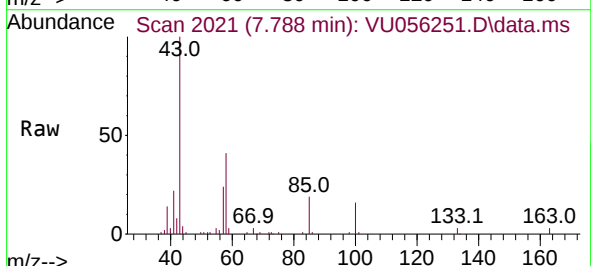
Tgt Ion: 43 Resp: 44673

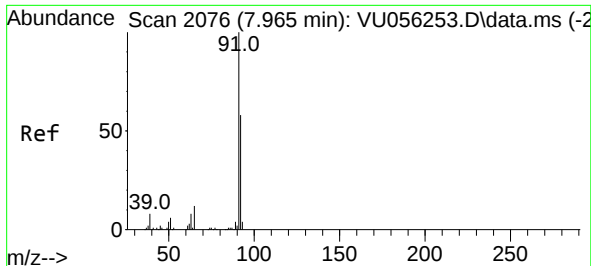
Ion Ratio Lower Upper

43 100

58 40.4 33.8 50.8

100 15.1 13.0 19.4





#42

Toluene

Concen: 0.385 ug/L

RT: 7.968 min Scan# 2076

Delta R.T. 0.003 min

Lab File: VU056251.D

Acq: 13 Nov 2023 14:26

Instrument :

MSVOA_U

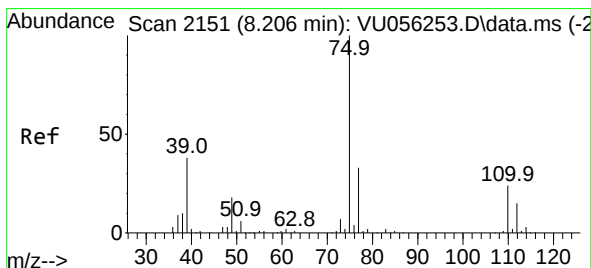
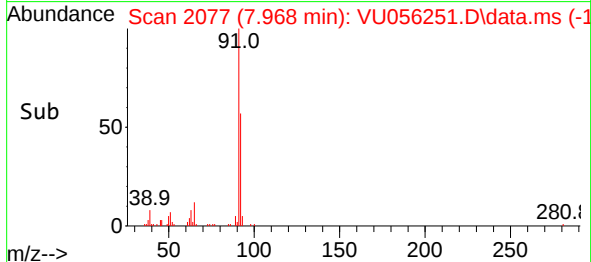
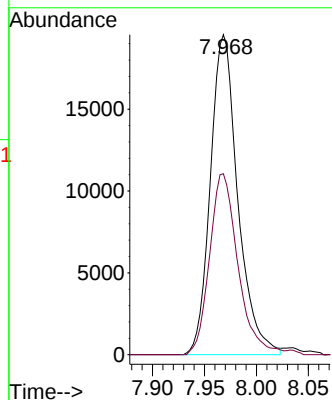
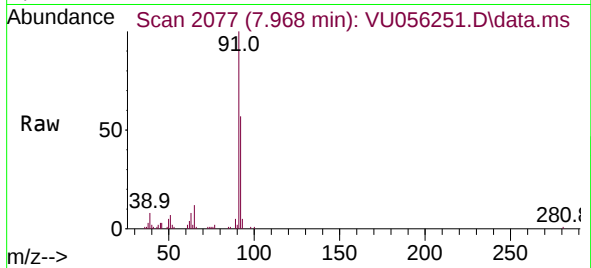
ClientSampleId :

Tgt Ion: 91 Resp: 35916

Ion Ratio Lower Upper

91 100

92 56.5 40.6 75.4



#44

trans-1,3-Dichloropropene

Concen: 0.384 ug/L

RT: 8.213 min Scan# 2153

Delta R.T. 0.006 min

Lab File: VU056251.D

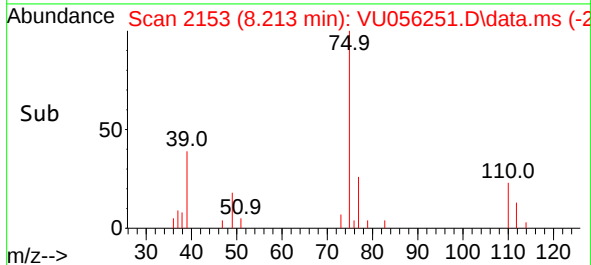
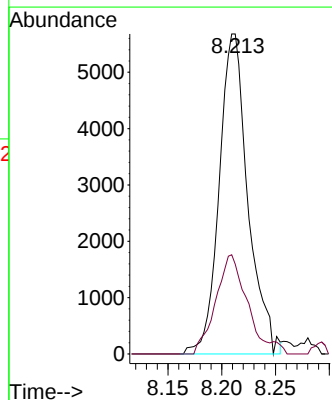
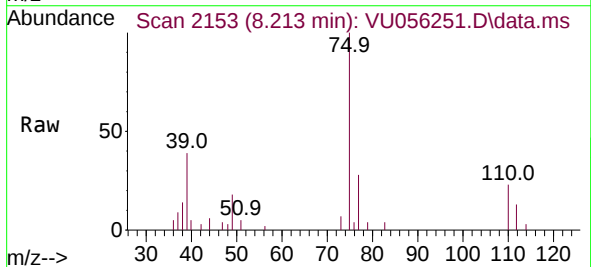
Acq: 13 Nov 2023 14:26

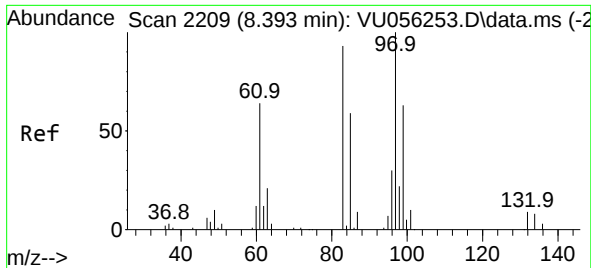
Tgt Ion: 75 Resp: 10568

Ion Ratio Lower Upper

75 100

77 28.1 22.8 42.4

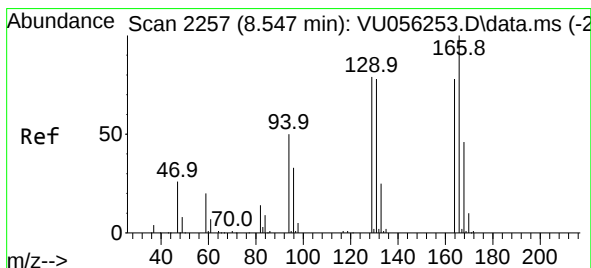
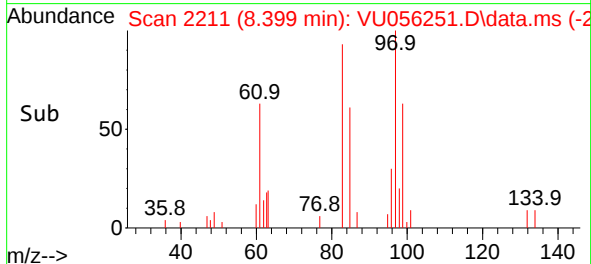
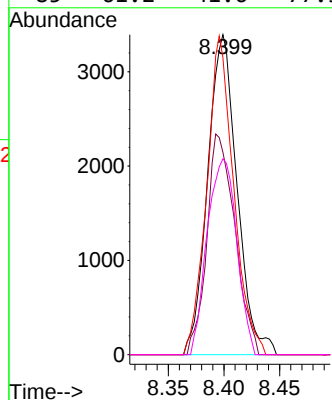
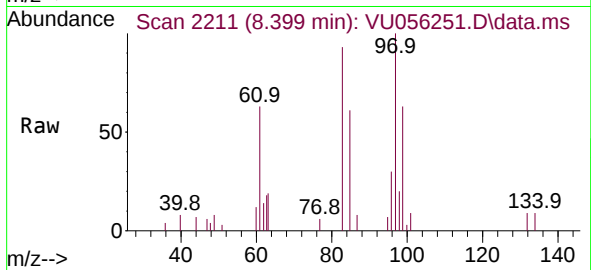




#45
1,1,2-Trichloroethane
Concen: 0.399 ug/L
RT: 8.399 min Scan# 2111
Delta R.T. 0.006 min
Lab File: VU056251.D
Acq: 13 Nov 2023 14:26

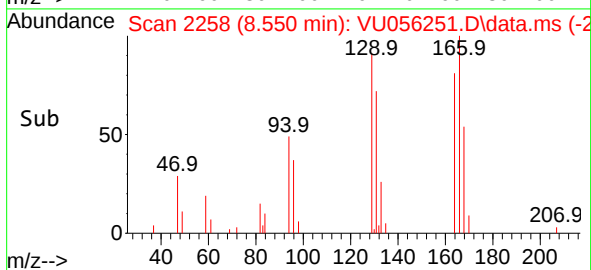
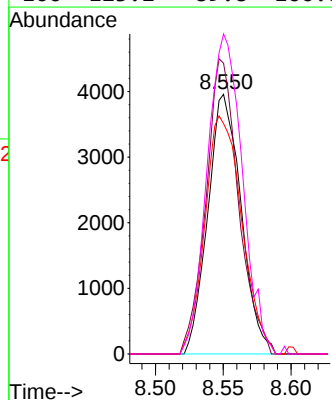
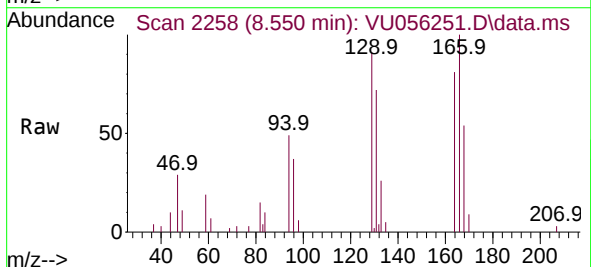
Instrument :
MSVOA_U
ClientSampleId :

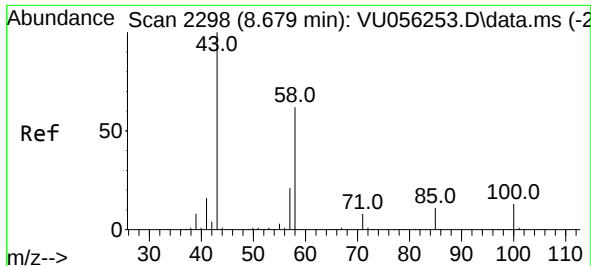
Tgt Ion:	97	Resp:	6238
Ion	Ratio	Lower	Upper
97	100		
99	63.2	44.3	82.3
83	92.9	65.4	121.4
85	61.2	41.6	77.3



#47
Tetrachloroethene
Concen: 0.409 ug/L
RT: 8.550 min Scan# 2258
Delta R.T. 0.003 min
Lab File: VU056251.D
Acq: 13 Nov 2023 14:26

Tgt Ion:	164	Resp:	6760
Ion	Ratio	Lower	Upper
164	100		
129	112.0	71.0	131.9
131	88.7	70.3	130.7
166	123.2	89.8	166.8



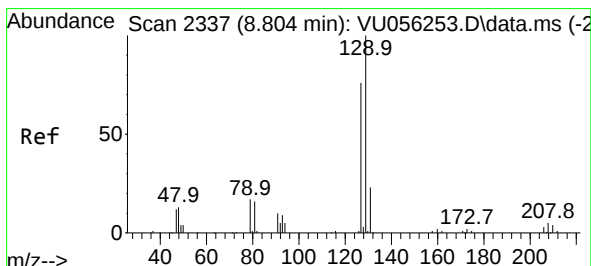
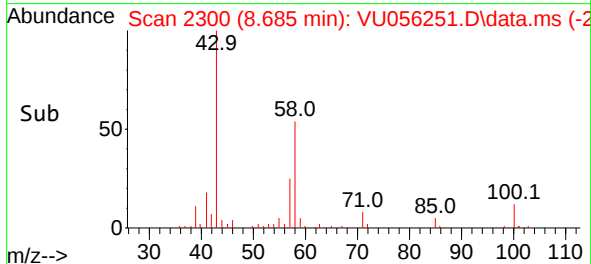
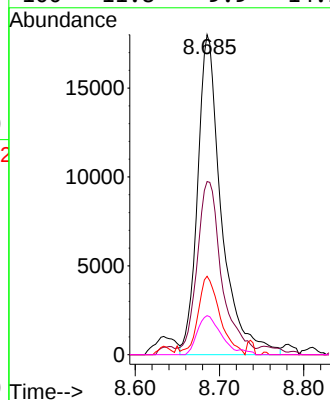
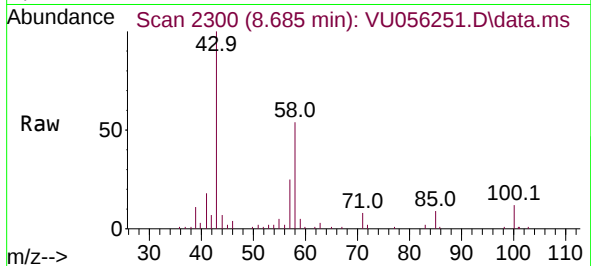


#48
2-Hexanone
Concen: 3.904 ug/L
RT: 8.685 min Scan# 21
Delta R.T. 0.006 min
Lab File: VU056251.D
Acq: 13 Nov 2023 14:26

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 43 Resp: 35390

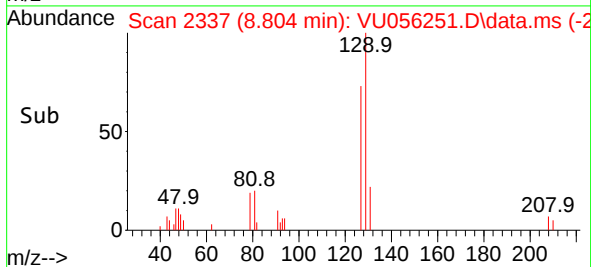
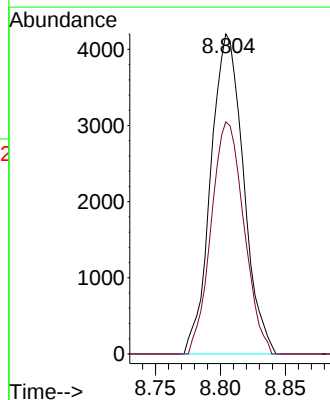
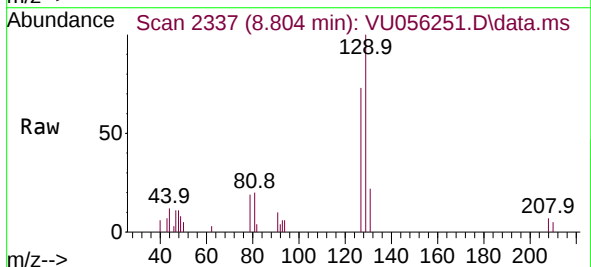
Ion	Ratio	Lower	Upper
43	100		
58	55.2	48.7	73.1
57	22.2	16.8	25.2
100	11.8	9.9	14.9

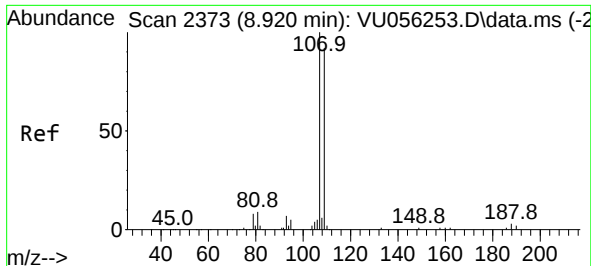


#49
Dibromochloromethane
Concen: 0.414 ug/L
RT: 8.804 min Scan# 2337
Delta R.T. -0.000 min
Lab File: VU056251.D
Acq: 13 Nov 2023 14:26

Tgt Ion: 129 Resp: 7351

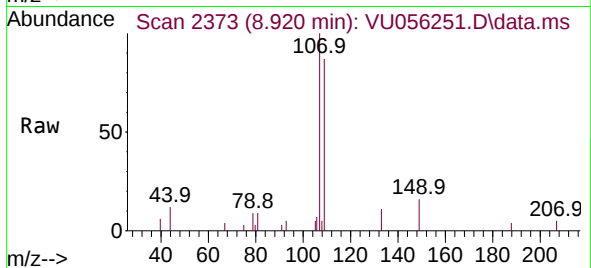
Ion	Ratio	Lower	Upper
129	100		
127	72.6	52.9	98.3



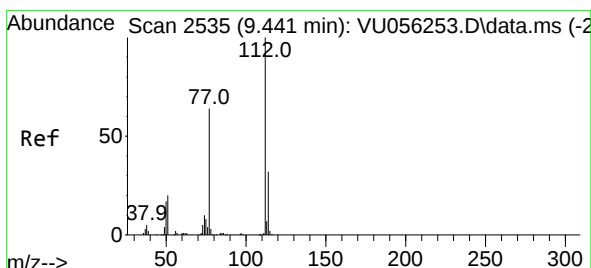
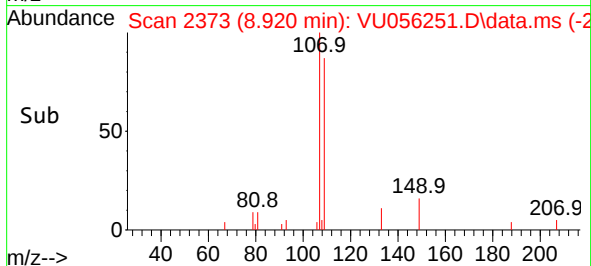
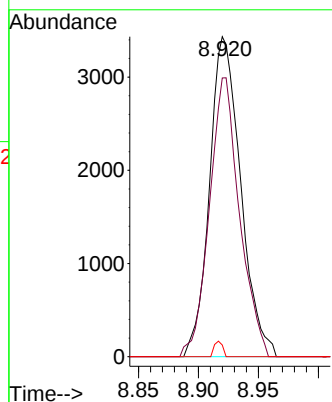


#50
1,2-Dibromoethane
Concen: 0.420 ug/L
RT: 8.920 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU056251.D
Acq: 13 Nov 2023 14:26

Instrument :
MSVOA_U
ClientSampleId :

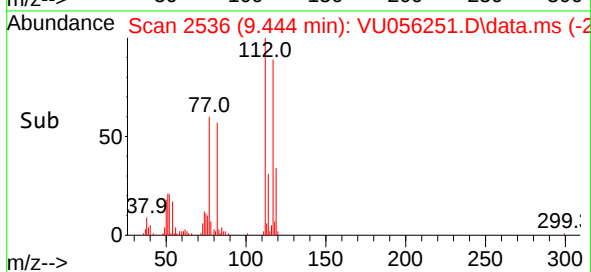
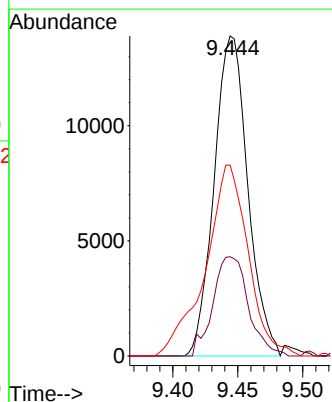
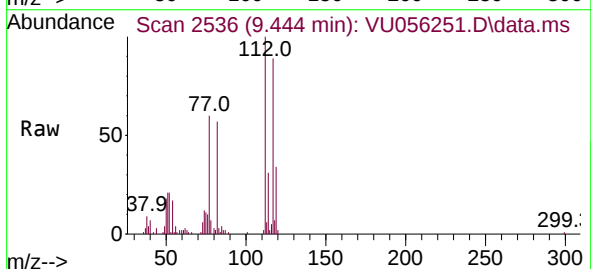


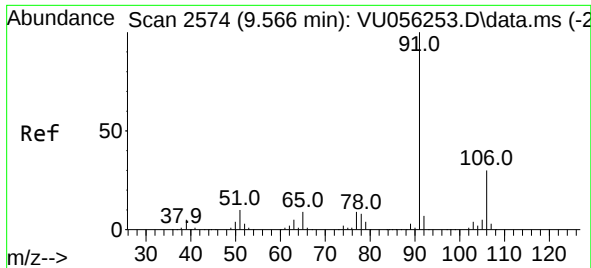
Tgt Ion:107 Resp: 6205
Ion Ratio Lower Upper
107 100
109 87.1 64.2 119.2
188 3.6 2.6 4.0



#51
Chlorobenzene
Concen: 0.419 ug/L
RT: 9.444 min Scan# 2536
Delta R.T. 0.003 min
Lab File: VU056251.D
Acq: 13 Nov 2023 14:26

Tgt Ion:112 Resp: 25097
Ion Ratio Lower Upper
112 100
114 31.0 22.5 41.7
77 59.6 51.7 77.5

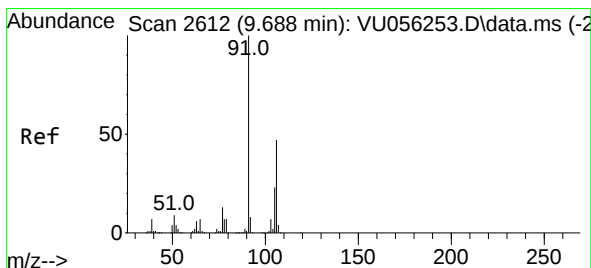
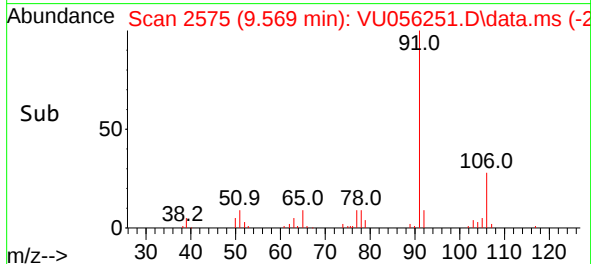
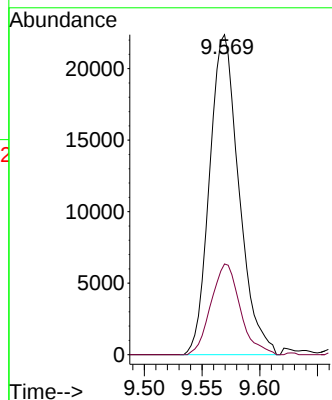
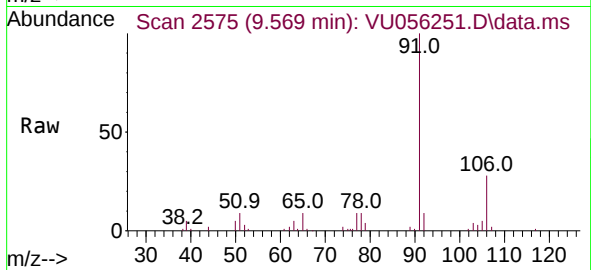




#52
Ethylbenzene
Concen: 0.382 ug/L
RT: 9.569 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU056251.D
Acq: 13 Nov 2023 14:26

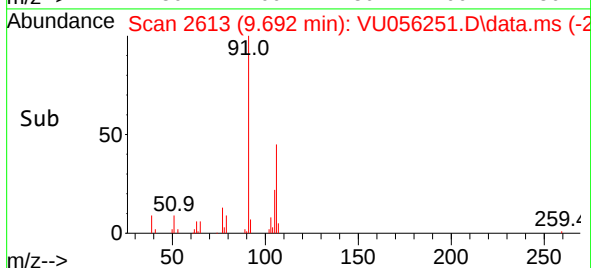
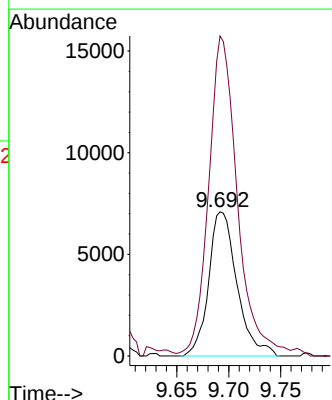
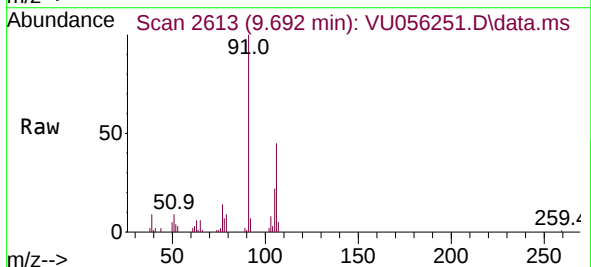
Instrument :
MSVOA_U
ClientSampleId :

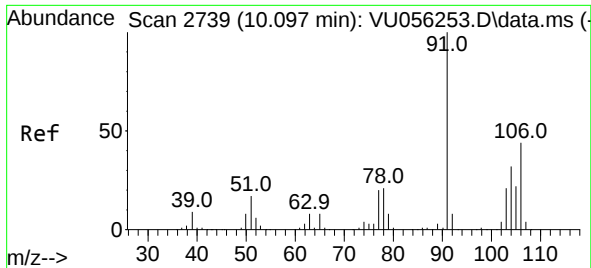
Tgt Ion: 91 Resp: 39534
Ion Ratio Lower Upper
91 100
106 28.4 21.1 39.1



#53
m,p-Xylene
Concen: 0.354 ug/L
RT: 9.692 min Scan# 2613
Delta R.T. 0.003 min
Lab File: VU056251.D
Acq: 13 Nov 2023 14:26

Tgt Ion:106 Resp: 13450
Ion Ratio Lower Upper
106 100
91 221.9 149.6 277.8

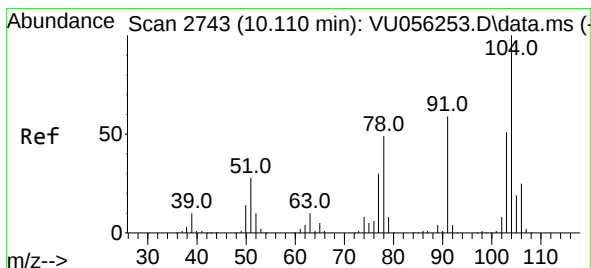
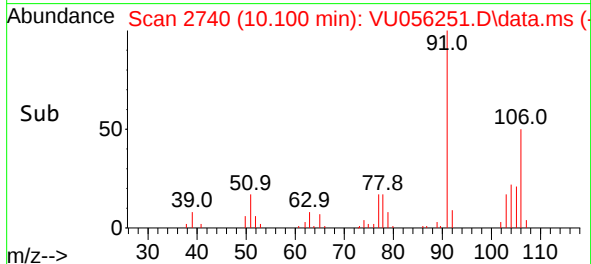
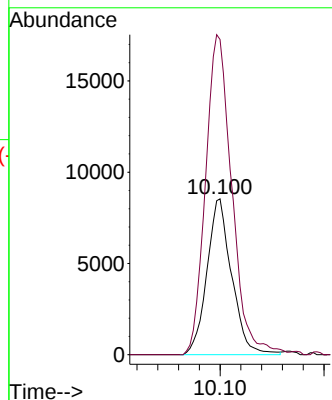
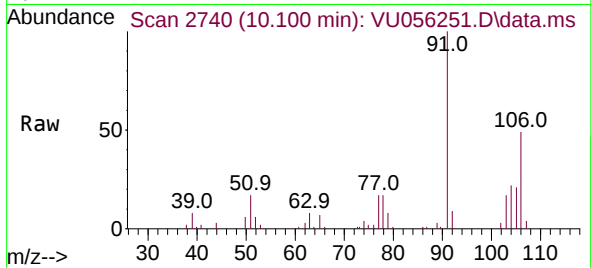




#54
o-Xylene
Concen: 0.382 ug/L
RT: 10.100 min Scan# 2739
Delta R.T. 0.003 min
Lab File: VU056251.D
Acq: 13 Nov 2023 14:26

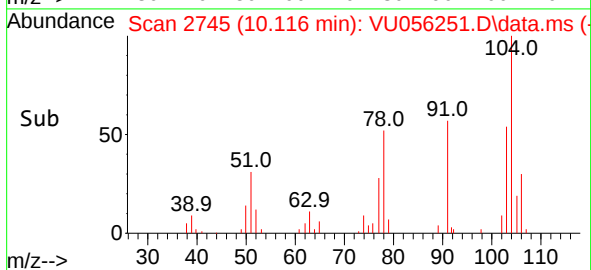
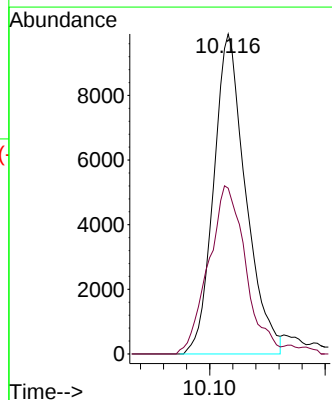
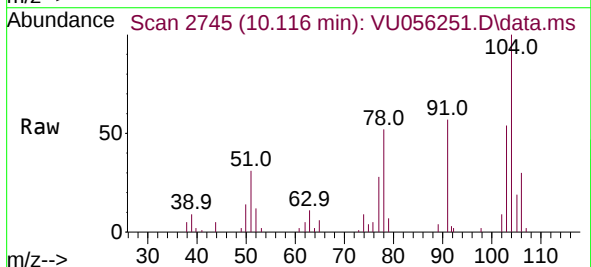
Instrument :
MSVOA_U
ClientSampleId :

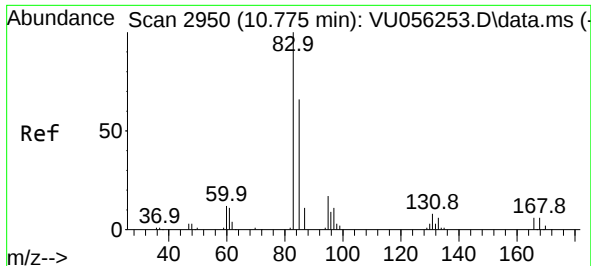
Tgt Ion:106 Resp: 14110
Ion Ratio Lower Upper
106 100
91 202.2 159.3 295.9



#55
Styrene
Concen: 0.309 ug/L
RT: 10.116 min Scan# 2745
Delta R.T. 0.006 min
Lab File: VU056251.D
Acq: 13 Nov 2023 14:26

Tgt Ion:104 Resp: 19022
Ion Ratio Lower Upper
104 100
78 51.8 34.2 63.6





#57

1,1,2,2-Tetrachloroethane

Concen: 0.387 ug/L

RT: 10.778 min Scan# 2950

Delta R.T. 0.003 min

Lab File: VU056251.D

Acq: 13 Nov 2023 14:26

Instrument :

MSVOA_U

ClientSampleId :

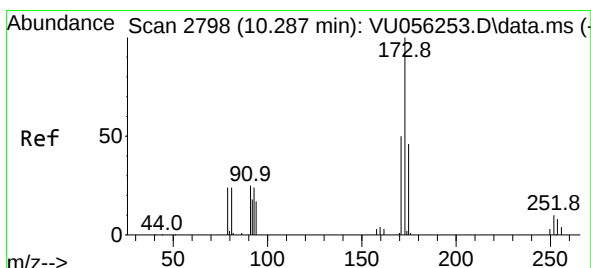
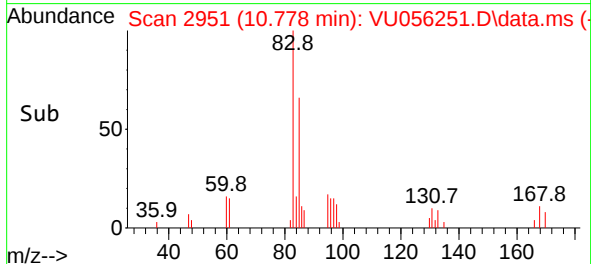
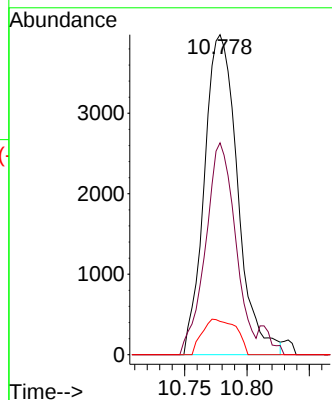
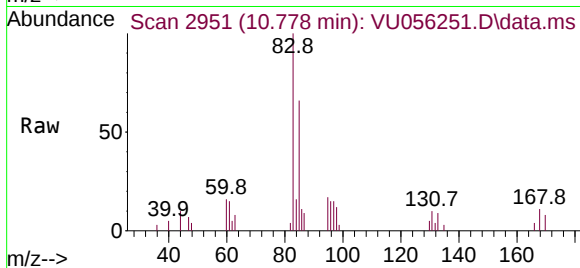
Tgt Ion: 83 Resp: 7391

Ion Ratio Lower Upper

83 100

85 66.2 46.3 86.1

131 10.4 6.7 10.1#



#59

Bromoform

Concen: 0.394 ug/L

RT: 10.286 min Scan# 2798

Delta R.T. -0.000 min

Lab File: VU056251.D

Acq: 13 Nov 2023 14:26

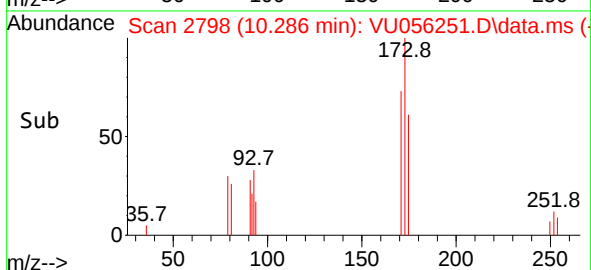
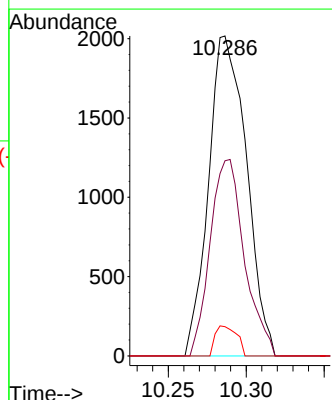
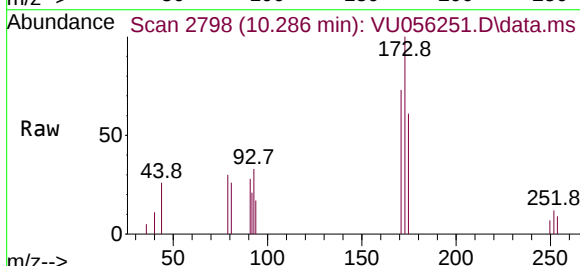
Tgt Ion:173 Resp: 3414

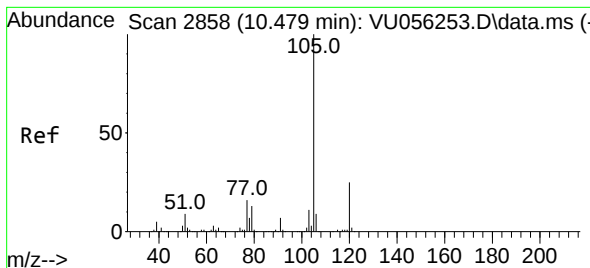
Ion Ratio Lower Upper

173 100

175 55.4 38.9 58.3

254 5.3 6.7 10.1#





#60

Isopropylbenzene

Concen: 0.396 ug/L

RT: 10.483 min Scan# 2858

Delta R.T. 0.003 min

Lab File: VU056251.D

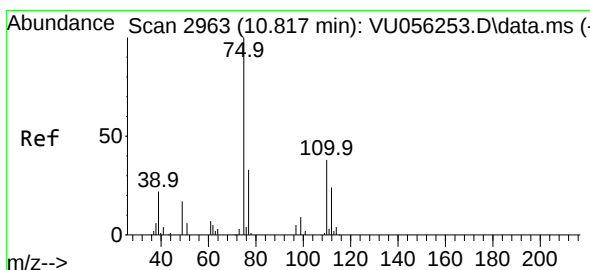
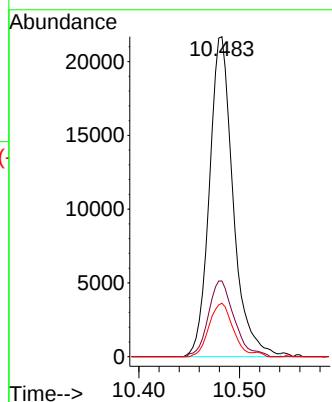
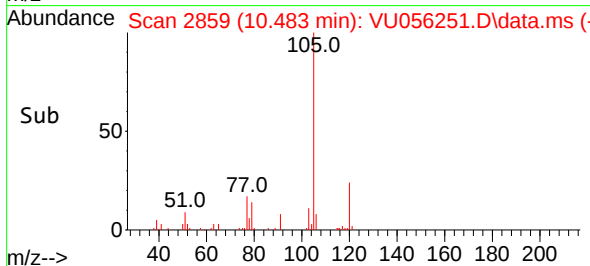
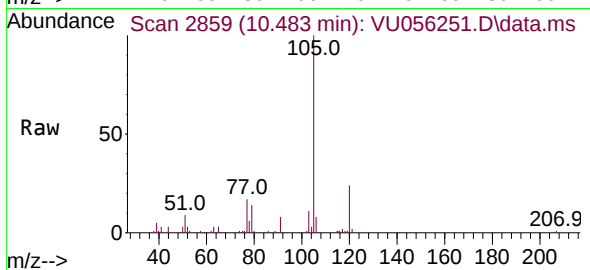
Acq: 13 Nov 2023 14:26

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	105	Resp:	35548
Ion	Ratio	Lower	Upper
105	100		
120	25.7	20.4	30.6
77	16.7	13.3	19.9



#61

1,2,3-Trichloropropane

Concen: 0.431 ug/L

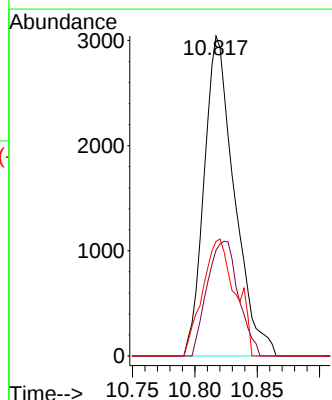
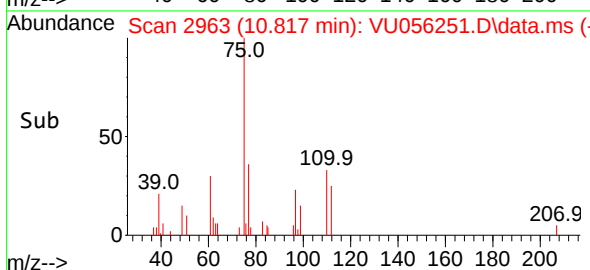
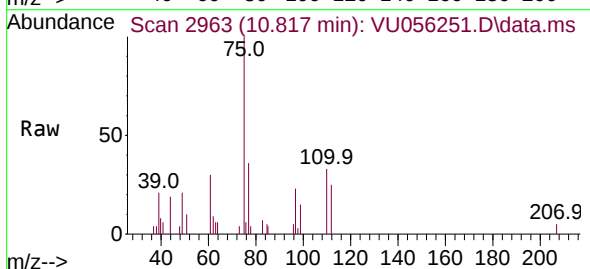
RT: 10.817 min Scan# 2963

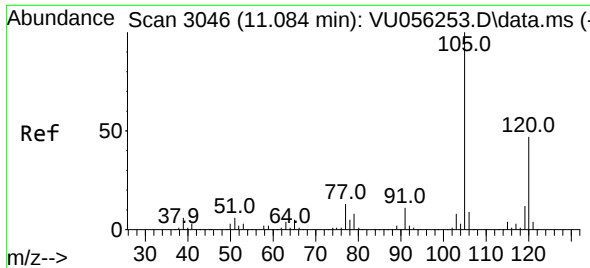
Delta R.T. -0.000 min

Lab File: VU056251.D

Acq: 13 Nov 2023 14:26

Tgt Ion:	75	Resp:	5141
Ion	Ratio	Lower	Upper
75	100		
110	37.1	30.4	45.6
77	39.6	27.0	40.6

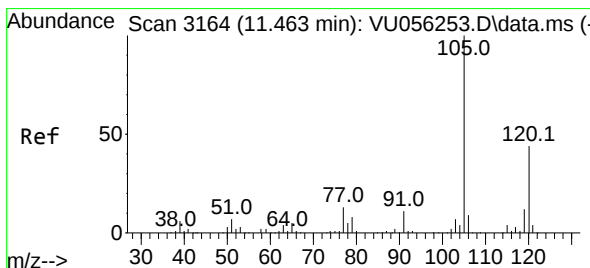
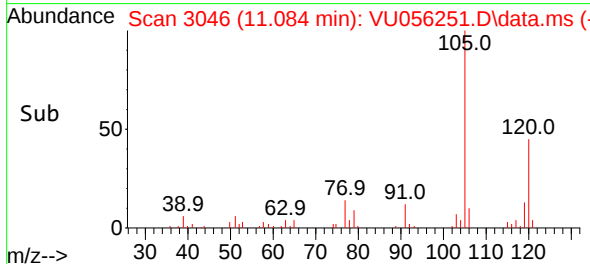
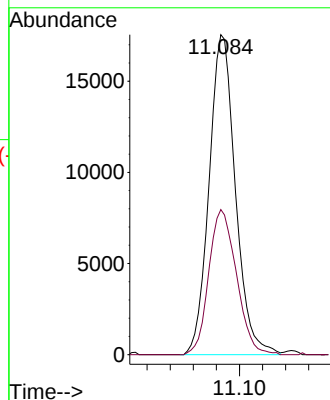
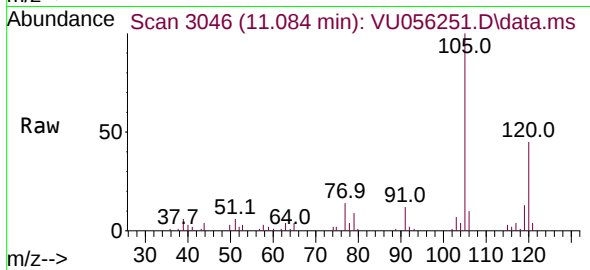




#62
 1,3,5-Trimethylbenzene
 Concen: 0.378 ug/L
 RT: 11.084 min Scan# 3046
 Delta R.T. -0.000 min
 Lab File: VU056251.D
 Acq: 13 Nov 2023 14:26

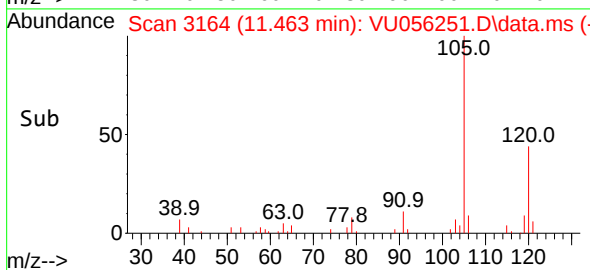
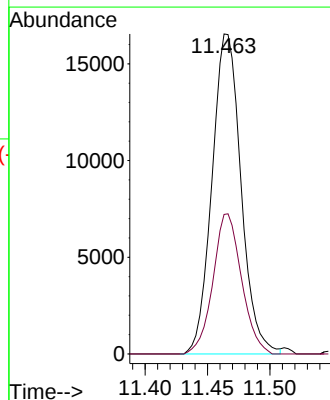
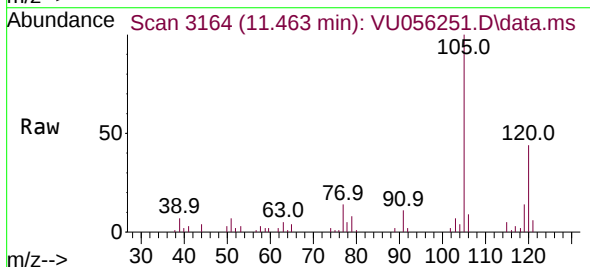
Instrument :
 MSVOA_U
 ClientSampleId :

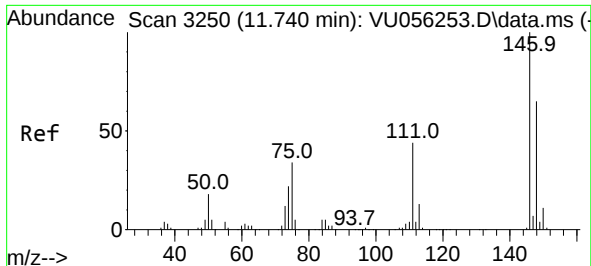
Tgt Ion:105 Resp: 27804
 Ion Ratio Lower Upper
 105 100
 120 47.7 37.2 55.8



#63
 1,2,4-Trimethylbenzene
 Concen: 0.369 ug/L
 RT: 11.463 min Scan# 3164
 Delta R.T. -0.000 min
 Lab File: VU056251.D
 Acq: 13 Nov 2023 14:26

Tgt Ion:105 Resp: 26804
 Ion Ratio Lower Upper
 105 100
 120 43.1 34.0 51.0

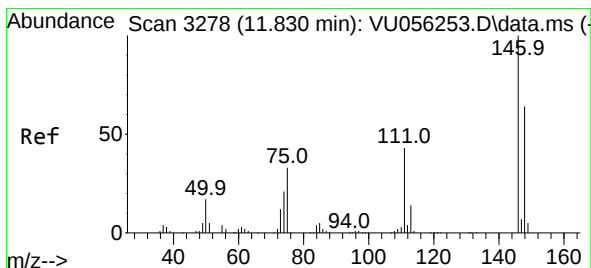
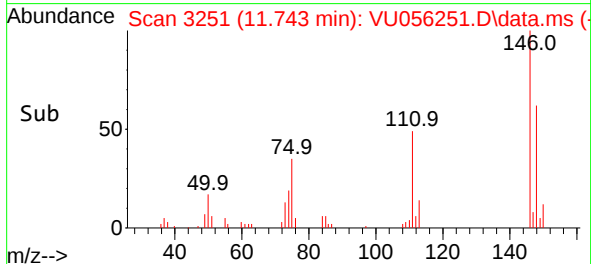
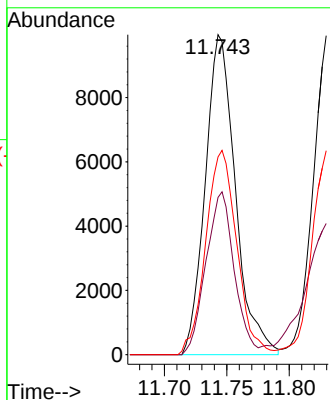
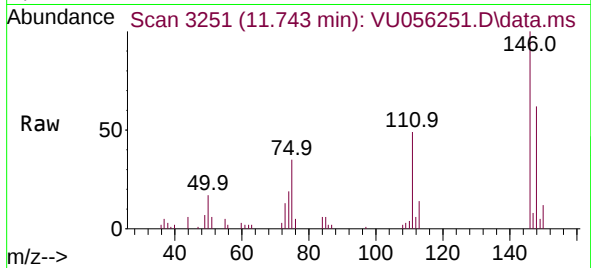




#64
1,3-Dichlorobenzene
Concen: 0.411 ug/L
RT: 11.743 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU056251.D
Acq: 13 Nov 2023 14:26

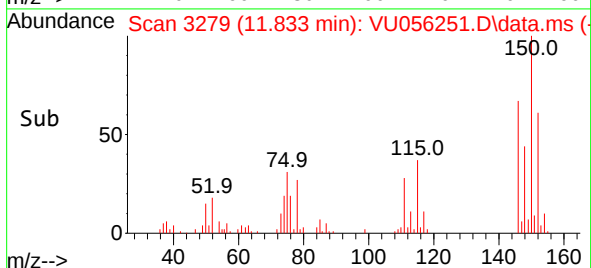
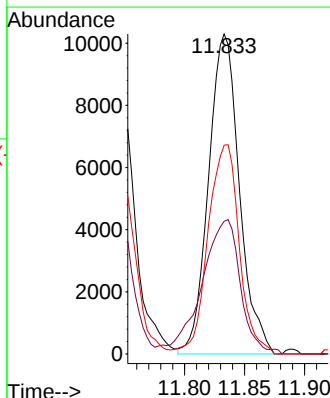
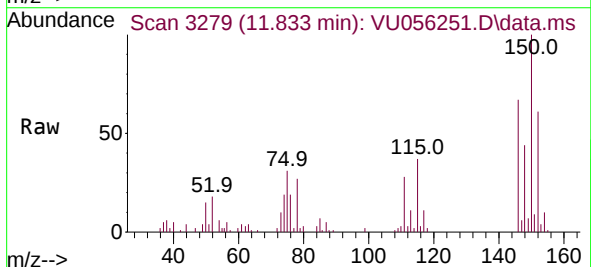
Instrument :
MSVOA_U
ClientSampleId :

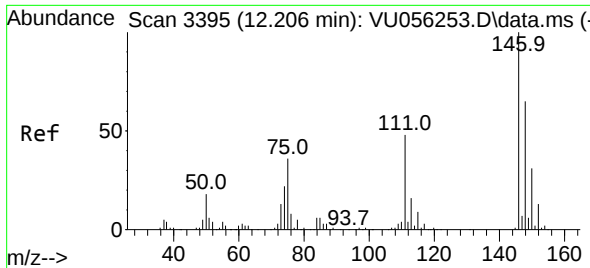
Tgt Ion:146 Resp: 16764
Ion Ratio Lower Upper
146 100
111 49.2 31.1 57.7
148 61.8 45.1 83.9



#65
1,4-Dichlorobenzene
Concen: 0.449 ug/L
RT: 11.833 min Scan# 3279
Delta R.T. 0.003 min
Lab File: VU056251.D
Acq: 13 Nov 2023 14:26

Tgt Ion:146 Resp: 18390
Ion Ratio Lower Upper
146 100
111 41.5 30.5 56.7
148 65.2 44.8 83.2





#67

1,2-Dichlorobenzene

Concen: 0.429 ug/L

RT: 12.209 min Scan# 31

Delta R.T. 0.003 min

Lab File: VU056251.D

Acq: 13 Nov 2023 14:26

Instrument :

MSVOA_U

ClientSampleId :

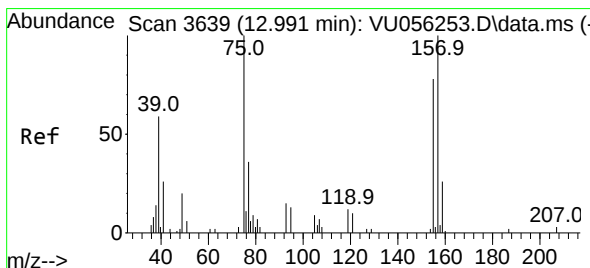
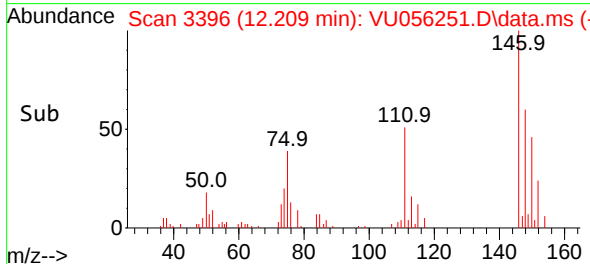
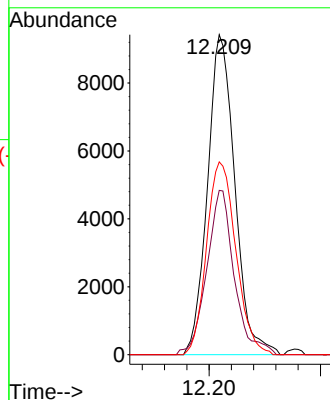
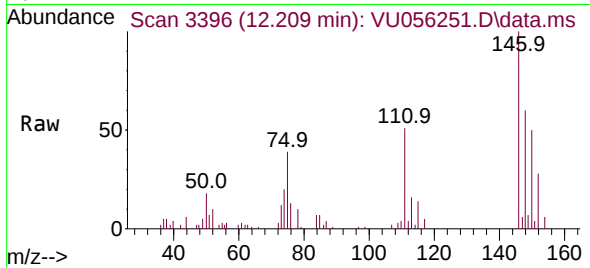
Tgt Ion:146 Resp: 16059

Ion Ratio Lower Upper

146 100

111 51.4 38.3 57.5

148 60.2 52.2 78.4



#68

1,2-Dibromo-3-chloropropane

Concen: 0.486 ug/L

RT: 12.997 min Scan# 3641

Delta R.T. 0.006 min

Lab File: VU056251.D

Acq: 13 Nov 2023 14:26

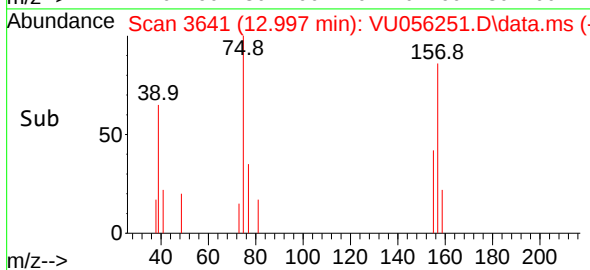
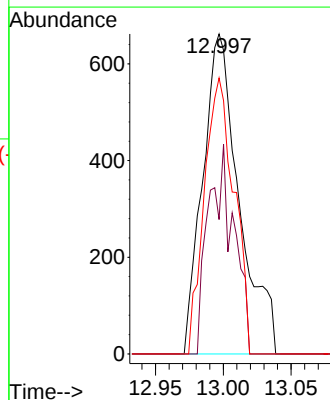
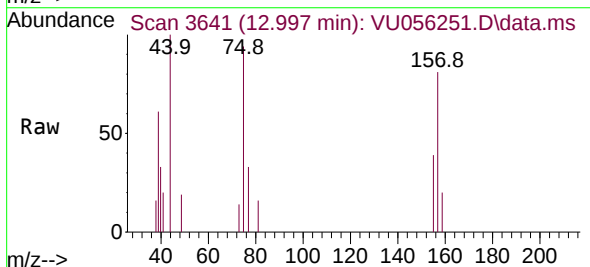
Tgt Ion: 75 Resp: 1239

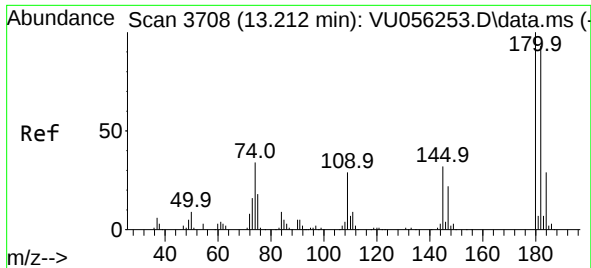
Ion Ratio Lower Upper

75 100

155 42.0 62.4 93.6#

157 86.3 80.2 120.2





#69

1,3,5-Trichlorobenzene

Concen: 0.456 ug/L

RT: 13.216 min Scan# 31

Delta R.T. 0.003 min

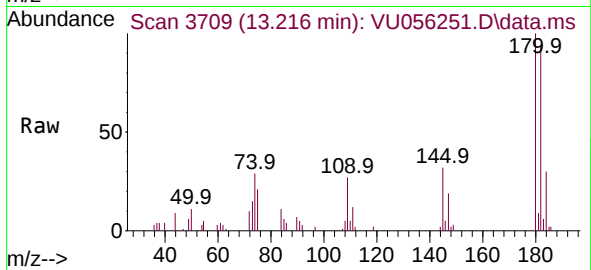
Lab File: VU056251.D

Acq: 13 Nov 2023 14:26

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:180 Resp: 14007

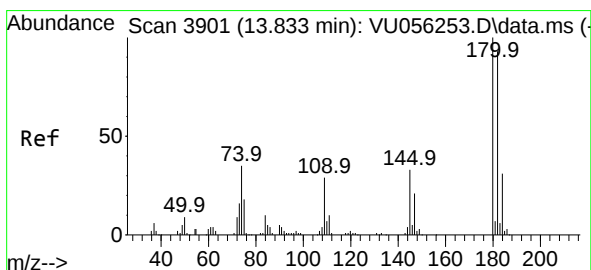
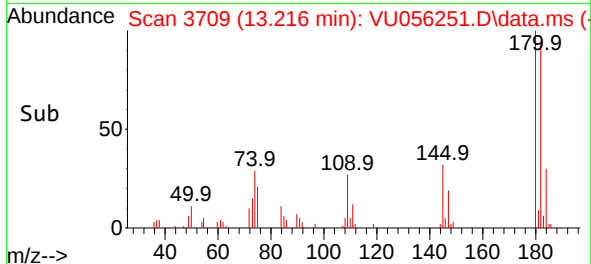
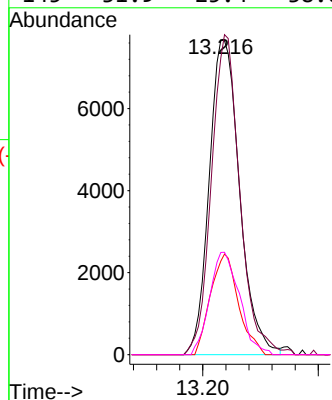
Ion Ratio Lower Upper

180 100

182 95.1 75.1 112.7

184 29.4 23.5 35.3

145 31.9 25.4 38.0



#70

1,2,4-trichlorobenzene

Concen: 0.438 ug/L

RT: 13.839 min Scan# 3903

Delta R.T. 0.006 min

Lab File: VU056251.D

Acq: 13 Nov 2023 14:26

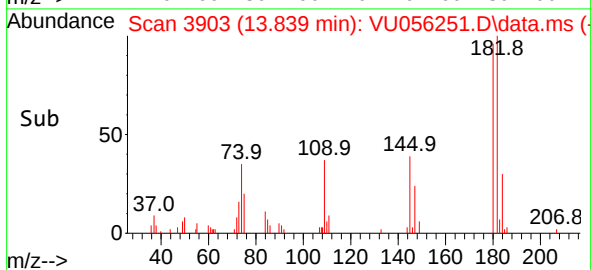
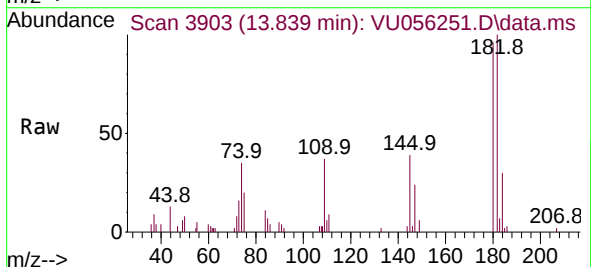
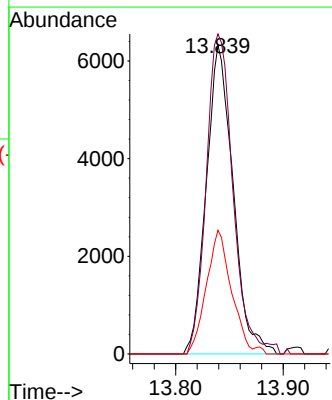
Tgt Ion:180 Resp: 10953

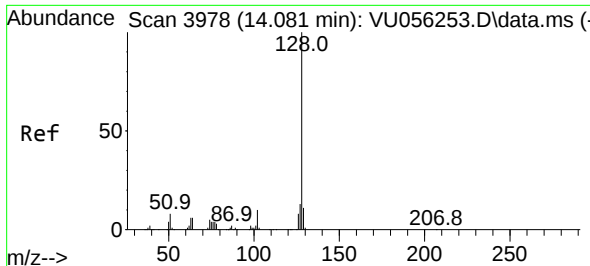
Ion Ratio Lower Upper

180 100

182 103.4 75.4 113.2

145 37.2 26.8 40.2

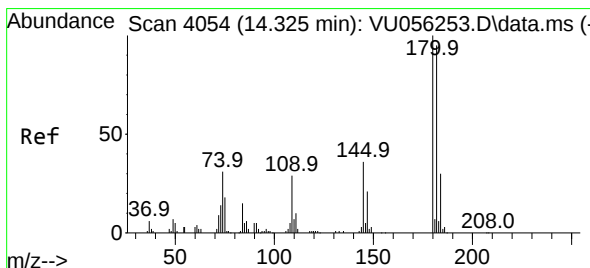
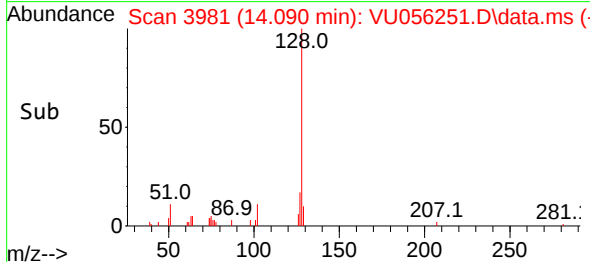
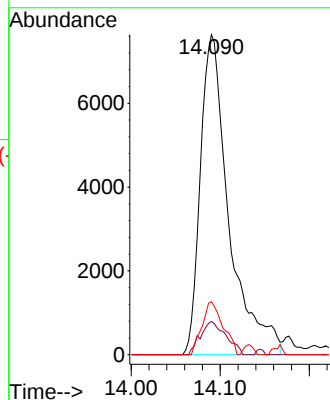
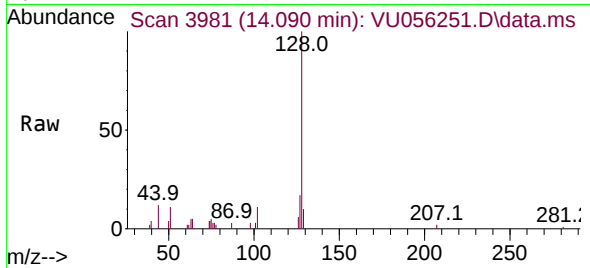




#71
Naphthalene
Concen: 0.449 ug/L
RT: 14.090 min Scan# 3978
Delta R.T. 0.009 min
Lab File: VU056251.D
Acq: 13 Nov 2023 14:26

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:128 Resp: 16988
Ion Ratio Lower Upper
128 100
129 9.2 8.6 12.8
127 12.2 10.3 15.5



#72
1,2,3-Trichlorobenzene
Concen: 0.450 ug/L
RT: 14.328 min Scan# 4055
Delta R.T. 0.003 min
Lab File: VU056251.D
Acq: 13 Nov 2023 14:26

Tgt Ion:180 Resp: 9275
Ion Ratio Lower Upper
180 100
182 98.2 78.6 117.8
145 35.5 29.0 43.6

