

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040424\
 Data File : VU058378.D
 Acq On : 04 Apr 2024 19:38
 Operator : MD/SY
 Sample : VSTD0.5
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 04 22:48:31 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR040424WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Apr 04 22:45:00 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	80943	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	76478	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.808	152	34847	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.593	65	2650	0.405	ug/L	0.00
7) Chloroethane-d5	1.908	69	2227	0.415	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.557	65	1152	0.421	ug/L	0.00
20) 2-Butanone-d5	4.663	46	5177	4.355	ug/L	0.03
24) Chloroform-d	5.059	84	5012	0.421	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.699	65	2392	0.433	ug/L	0.00
32) Benzene-d6	5.724	84	9510	0.394	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.686	67	3153	0.442	ug/L	0.00
41) Toluene-d8	7.895	98	8291	0.389	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.178	79	863	0.375	ug/L	0.00
46) 2-Hexanone-d5	8.637	63	3459	3.714	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.750	84	2132	0.454	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.194	152	3701	0.585	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.380	85	3223	0.805	ug/L	100
3) Chloromethane	1.516	50	4325	0.862	ug/L	96
5) Vinyl chloride	1.599	62	4153	0.777	ug/L	96
6) Bromomethane	1.853	94	1896	0.692	ug/L	99
8) Chloroethane	1.930	64	2637	0.770	ug/L	96
9) Trichlorofluoromethane	2.133	101	5223	0.634	ug/L	93
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	3007	0.581	ug/L	99
12) 1,1-Dichloroethene	2.573	96	2803	0.638	ug/L	95
13) Acetone	2.651	43	5942	7.182	ug/L	96
14) Carbon disulfide	2.786	76	9278	0.862	ug/L	98
15) Methyl Acetate	2.959	43	582	0.331	ug/L #	55
16) Methylene chloride	3.036	84	4280	0.685	ug/L	97
17) Methyl tert-butyl Ether	3.355	73	6556	0.573	ug/L	98
18) trans-1,2-Dichloroethene	3.348	96	2771	0.599	ug/L	95
19) 1,1-Dichloroethane	3.863	63	6448	0.633	ug/L	97
21) 2-Butanone	4.914	43	230	0.184	ug/L	88
22) cis-1,2-Dichloroethene	4.663	96	3165	0.571	ug/L	95
23) Bromochloromethane	4.972	128	1223	0.588	ug/L	95
25) Chloroform	5.081	83	6060	0.575	ug/L	99
27) 1,2-Dichloroethane	5.792	62	3715	0.612	ug/L	99
29) 1,1,1-Trichloroethane	5.306	97	4842	0.578	ug/L	99
30) Cyclohexane	5.377	56	4847	0.627	ug/L	98
31) Carbon tetrachloride	5.519	117	3934	0.548	ug/L	95
33) Benzene	5.769	78	13405	0.621	ug/L	100
34) Trichloroethene	6.538	95	3364	0.602	ug/L	95
35) Methylcyclohexane	6.756	83	4456	0.554	ug/L	99
37) 1,2-Dichloropropane	6.789	63	3418	0.571	ug/L #	90
38) Bromodichloromethane	7.101	83	3759	0.551	ug/L	99
39) cis-1,3-Dichloropropene	7.605	75	3920	0.520	ug/L	100
40) 4-Methyl-2-pentanone	7.789	43	15719	5.273	ug/L	99
42) Toluene	7.965	91	14278	0.626	ug/L	96
44) trans-1,3-Dichloropropene	8.210	75	3182	0.537	ug/L	92

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 ClientSampleId :

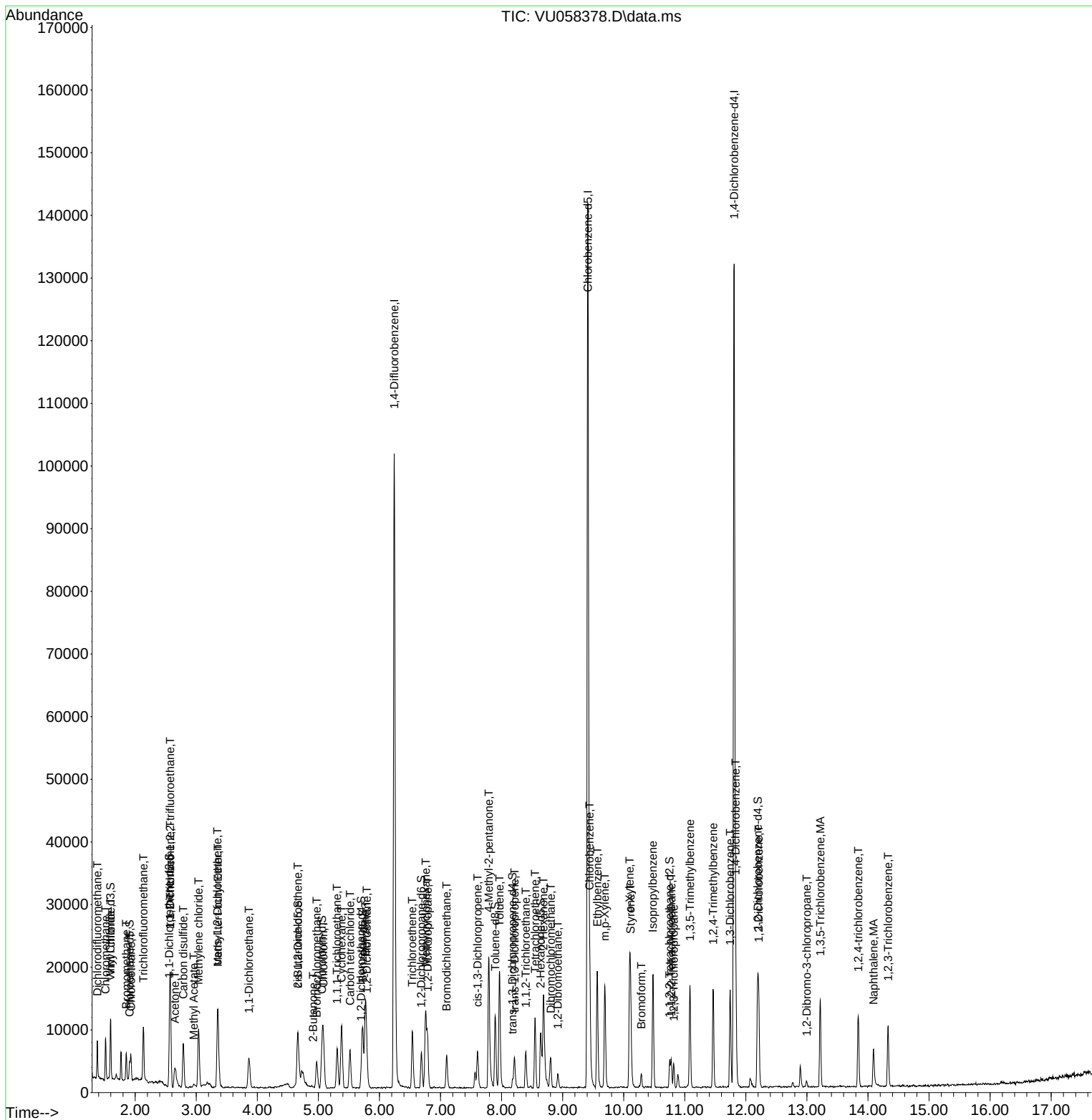
Quant Time: Apr 04 22:48:31 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR040424WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Apr 04 22:45:00 2024
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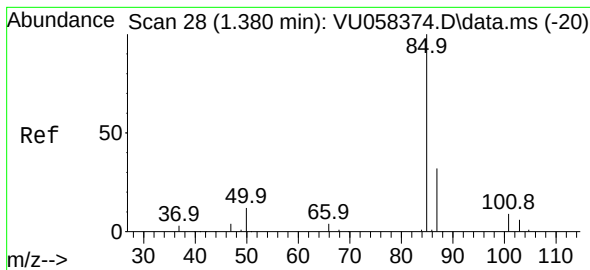
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

45) 1,1,2-Trichloroethane	8.396	97	1952	0.526	ug/L	95
47) Tetrachloroethene	8.547	164	2513	0.659	ug/L	90
48) 2-Hexanone	8.686	43	11318	5.198	ug/L	99
49) Dibromochloromethane	8.805	129	2206	0.539	ug/L	93
50) 1,2-Dibromoethane	8.920	107	1822	0.570	ug/L #	97
51) Chlorobenzene	9.441	112	8405	0.581	ug/L	93
52) Ethylbenzene	9.567	91	13666	0.542	ug/L	99
53) m,p-Xylene	9.689	106	4736	0.524	ug/L	90
54) o-Xylene	10.097	106	4560	0.505	ug/L	96
55) Styrene	10.113	104	7039	0.492	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.779	83	2478	0.566	ug/L	99
59) Bromoform	10.287	173	1054	0.540	ug/L #	89
60) Isopropylbenzene	10.477	105	11512	0.521	ug/L	99
61) 1,2,3-Trichloropropane	10.821	75	1808	0.586	ug/L	96
62) 1,3,5-Trimethylbenzene	11.084	105	9090	0.493	ug/L	98
63) 1,2,4-Trimethylbenzene	11.464	105	8997	0.487	ug/L	97
64) 1,3-Dichlorobenzene	11.743	146	6601	0.641	ug/L	98
65) 1,4-Dichlorobenzene	11.833	146	6294	0.633	ug/L	97
67) 1,2-Dichlorobenzene	12.210	146	5984	0.630	ug/L	95
68) 1,2-Dibromo-3-chloropr...	12.994	75	241	0.520	ug/L	90
69) 1,3,5-Trichlorobenzene	13.219	180	4637	0.636	ug/L	98
70) 1,2,4-trichlorobenzene	13.840	180	4155	0.774	ug/L	98
71) Naphthalene	14.091	128	6588	0.919	ug/L #	94
72) 1,2,3-Trichlorobenzene	14.329	180	3469	0.789	ug/L	98

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

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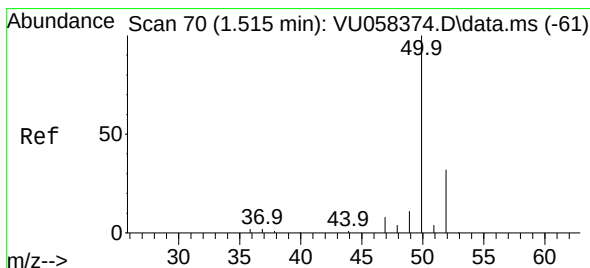
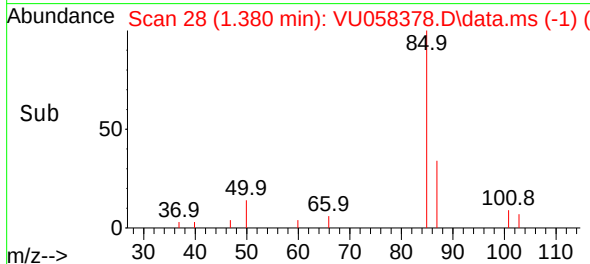
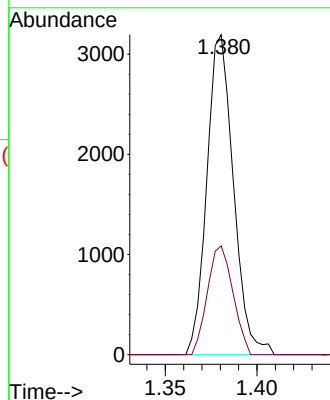
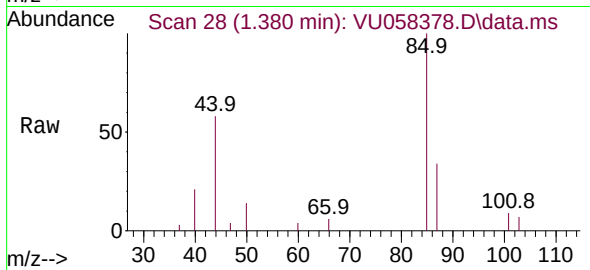




#2
 Dichlorodifluoromethane
 Concen: 0.805 ug/L
 RT: 1.380 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VU058378.D
 Acq: 04 Apr 2024 19:38

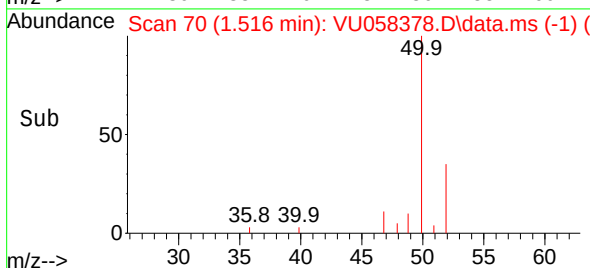
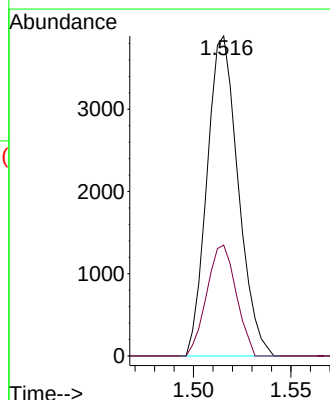
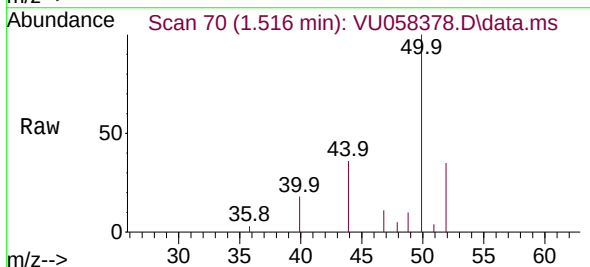
Instrument :
 MSVOA_U
 ClientSampleId :

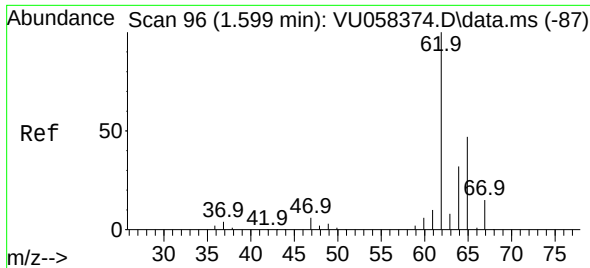
Tgt Ion: 85 Resp: 3223
 Ion Ratio Lower Upper
 85 100
 87 32.5 25.9 38.9



#3
 Chloromethane
 Concen: 0.862 ug/L
 RT: 1.516 min Scan# 70
 Delta R.T. 0.000 min
 Lab File: VU058378.D
 Acq: 04 Apr 2024 19:38

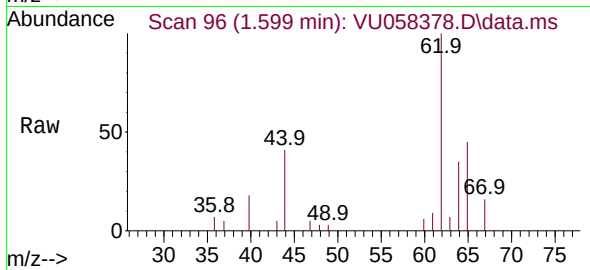
Tgt Ion: 50 Resp: 4325
 Ion Ratio Lower Upper
 50 100
 52 34.6 22.6 42.0



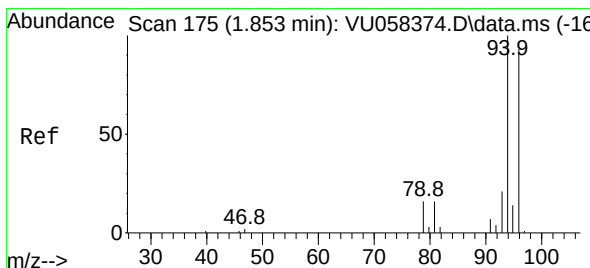
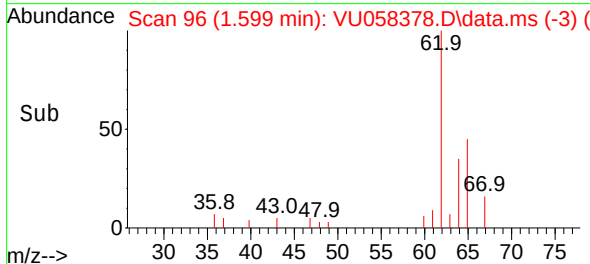
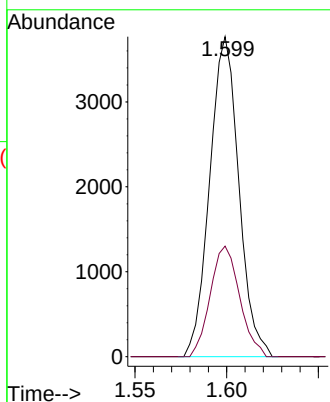


#5
 Vinyl chloride
 Concen: 0.777 ug/L
 RT: 1.599 min Scan# 96
 Delta R.T. 0.000 min
 Lab File: VU058378.D
 Acq: 04 Apr 2024 19:38

Instrument :
 MSVOA_U
 ClientSampleId :

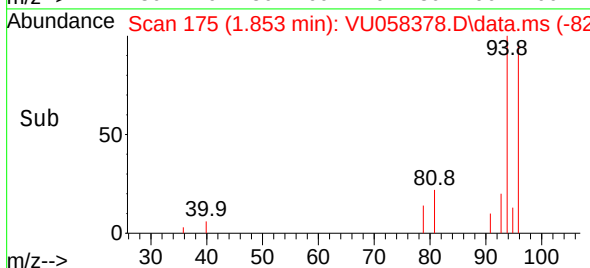
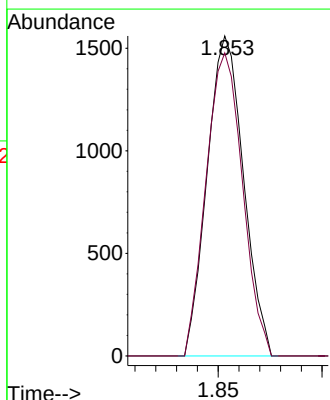
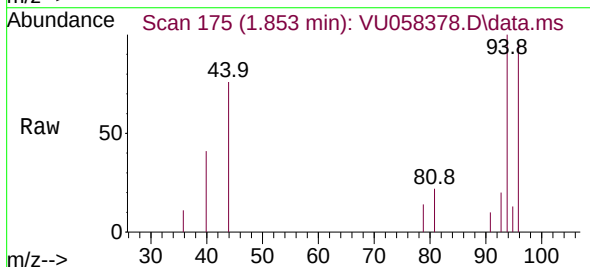


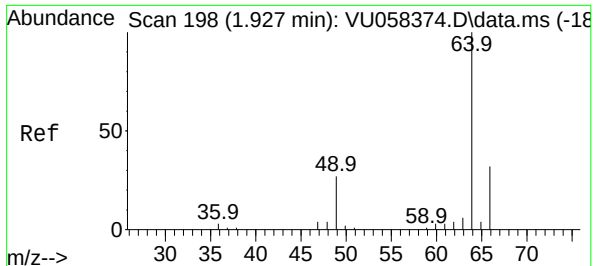
Tgt Ion: 62 Resp: 4153
 Ion Ratio Lower Upper
 62 100
 64 34.5 22.6 42.0



#6
 Bromomethane
 Concen: 0.692 ug/L
 RT: 1.853 min Scan# 175
 Delta R.T. 0.000 min
 Lab File: VU058378.D
 Acq: 04 Apr 2024 19:38

Tgt Ion: 94 Resp: 1896
 Ion Ratio Lower Upper
 94 100
 96 94.7 65.4 121.4

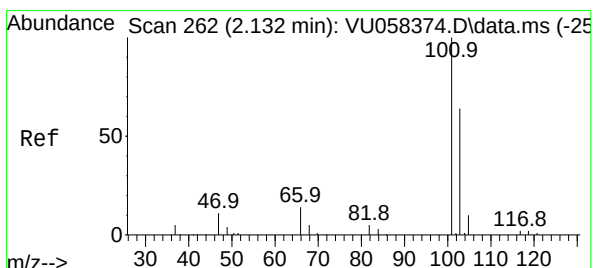
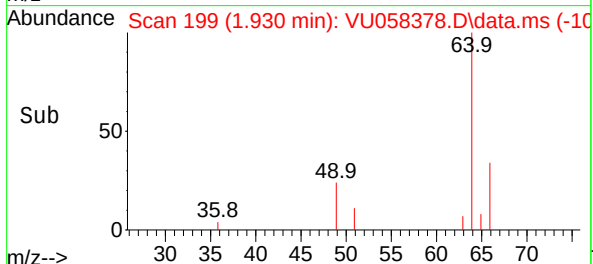
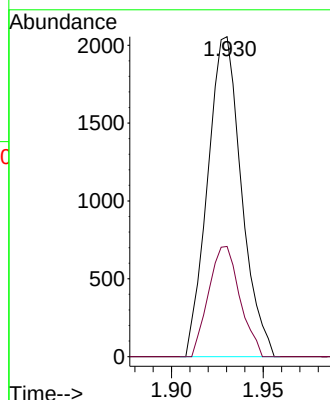
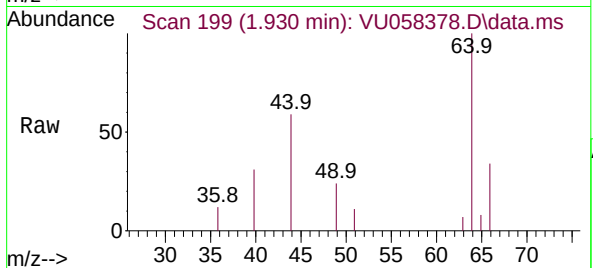




#8
Chloroethane
Concen: 0.770 ug/L
RT: 1.930 min Scan# 198
Delta R.T. 0.004 min
Lab File: VU058378.D
Acq: 04 Apr 2024 19:38

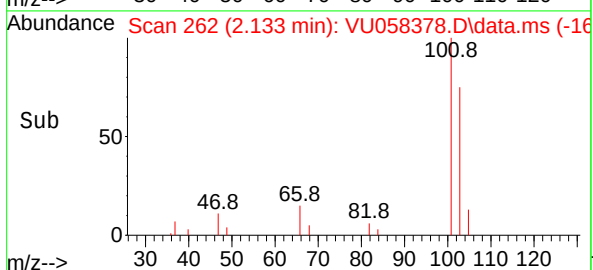
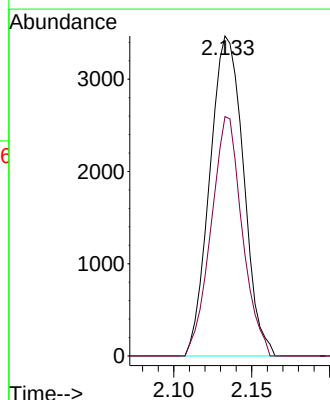
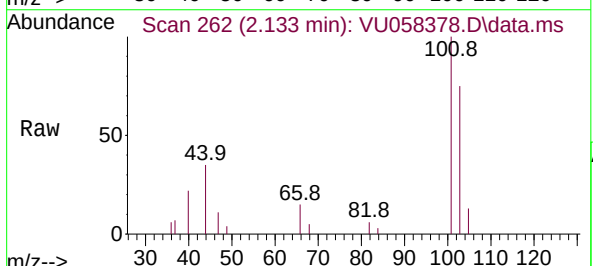
Instrument :
MSVOA_U
ClientSampleId :

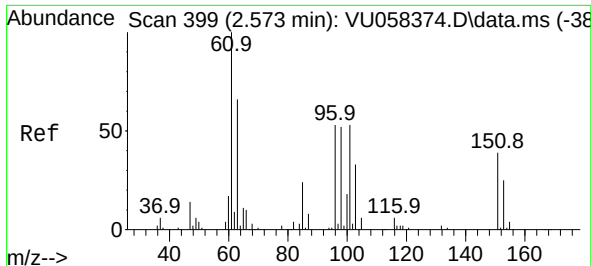
Tgt Ion: 64 Resp: 2637
Ion Ratio Lower Upper
64 100
66 34.5 22.5 41.9



#9
Trichlorofluoromethane
Concen: 0.634 ug/L
RT: 2.133 min Scan# 262
Delta R.T. 0.000 min
Lab File: VU058378.D
Acq: 04 Apr 2024 19:38

Tgt Ion:101 Resp: 5223
Ion Ratio Lower Upper
101 100
103 69.1 51.2 76.8





#10

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

Concen: 0.581 ug/L

RT: 2.573 min Scan# 399

Delta R.T. 0.000 min

Lab File: VU058378.D

Acq: 04 Apr 2024 19:38

Instrument :

MSVOA_U

ClientSampleId :

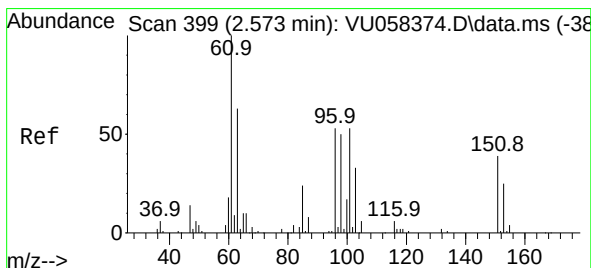
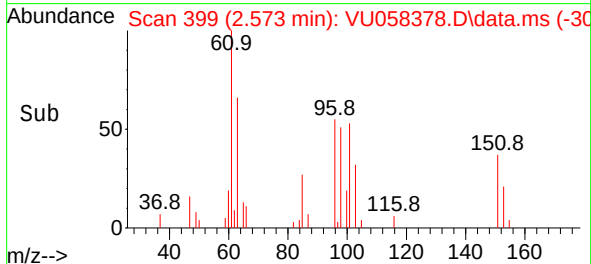
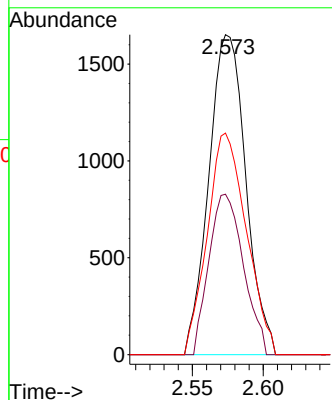
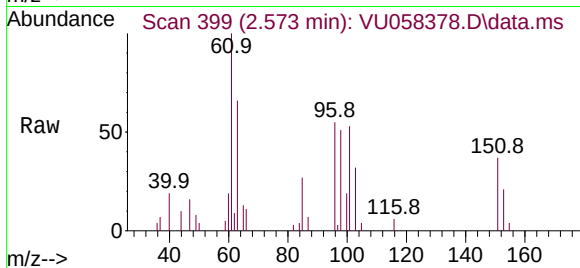
Tgt Ion:101 Resp: 3007

Ion Ratio Lower Upper

101 100

85 46.7 36.8 55.2

151 73.0 58.2 87.4



#12

1,1-Dichloroethene

Concen: 0.638 ug/L

RT: 2.573 min Scan# 399

Delta R.T. 0.000 min

Lab File: VU058378.D

Acq: 04 Apr 2024 19:38

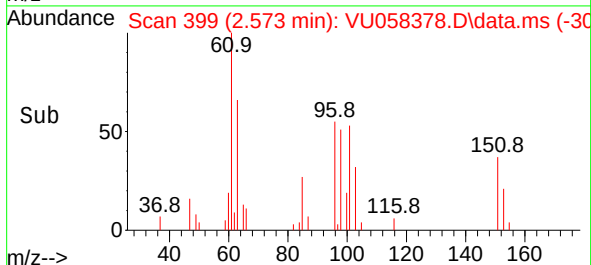
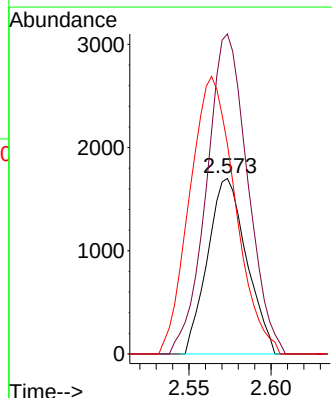
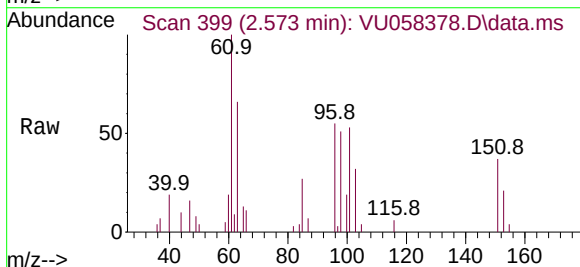
Tgt Ion: 96 Resp: 2803

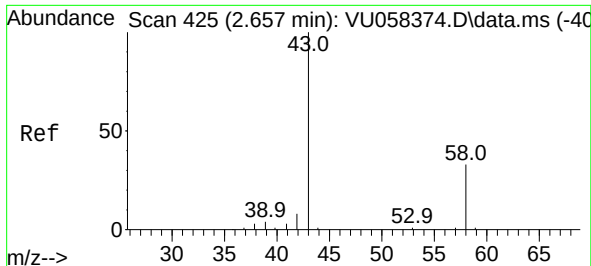
Ion Ratio Lower Upper

96 100

61 182.2 132.5 246.1

63 119.5 87.7 162.9





#13

Acetone

Concen: 7.182 ug/L

RT: 2.651 min Scan# 41

Delta R.T. -0.006 min

Lab File: VU058378.D

Acq: 04 Apr 2024 19:38

Instrument :

MSVOA_U

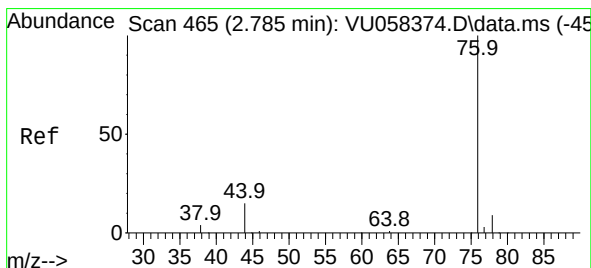
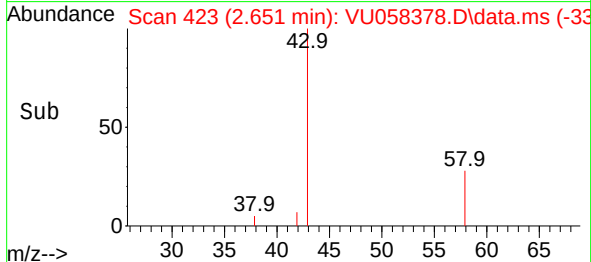
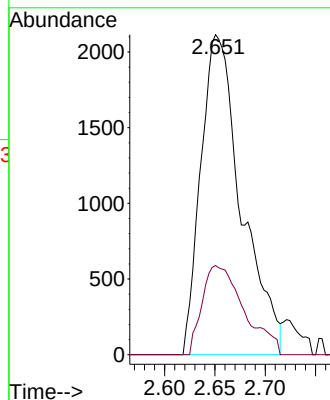
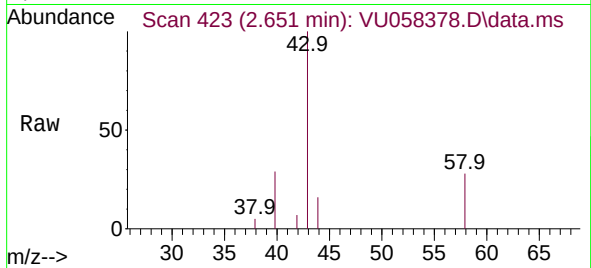
ClientSampleId :

Tgt Ion: 43 Resp: 5942

Ion Ratio Lower Upper

43 100

58 28.8 0.0 61.4



#14

Carbon disulfide

Concen: 0.862 ug/L

RT: 2.786 min Scan# 465

Delta R.T. 0.000 min

Lab File: VU058378.D

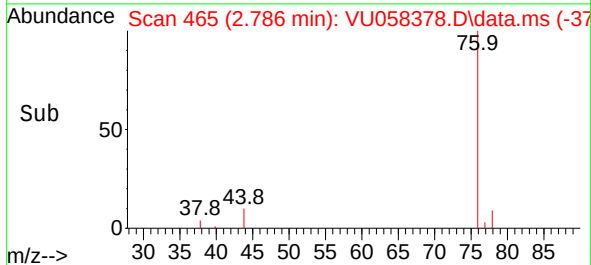
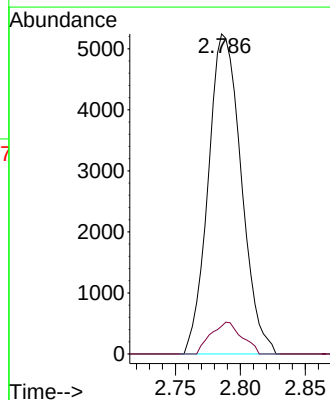
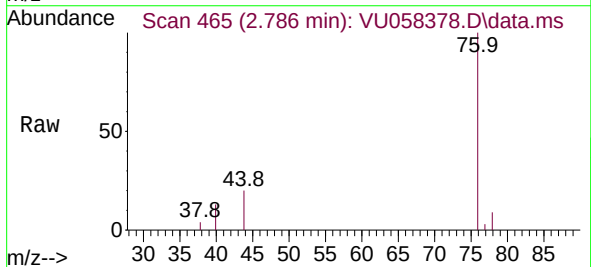
Acq: 04 Apr 2024 19:38

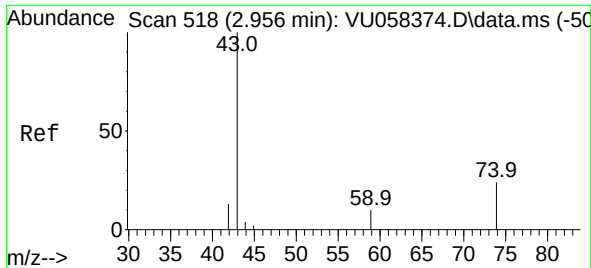
Tgt Ion: 76 Resp: 9278

Ion Ratio Lower Upper

76 100

78 8.7 7.5 11.3

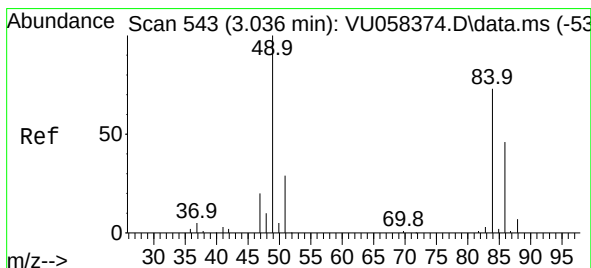
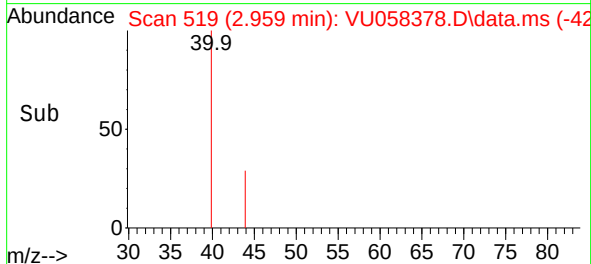
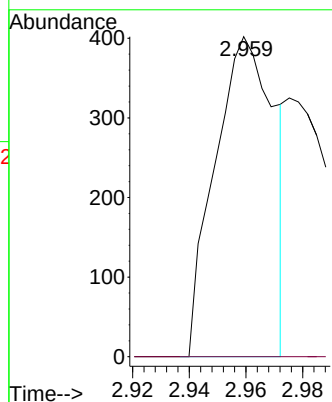
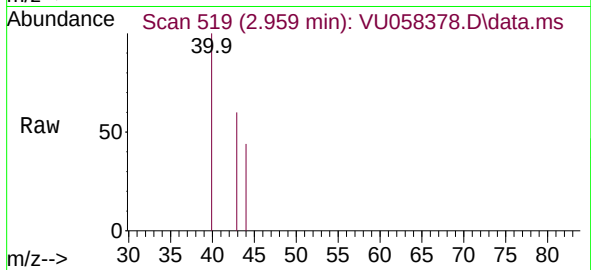




#15
Methyl Acetate
Concen: 0.331 ug/L
RT: 2.959 min Scan# 518
Delta R.T. 0.004 min
Lab File: VU058378.D
Acq: 04 Apr 2024 19:38

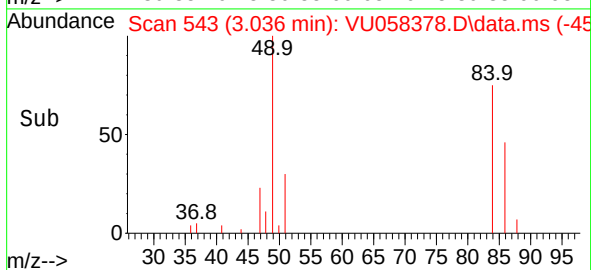
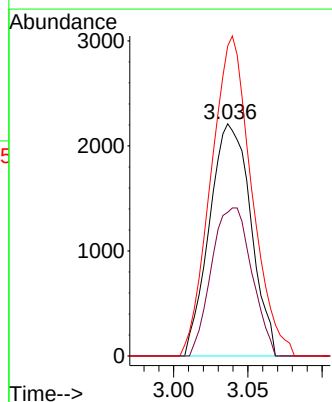
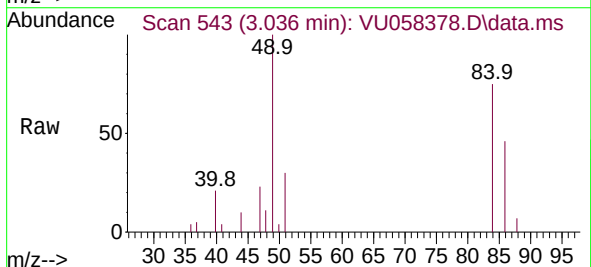
Instrument :
MSVOA_U
ClientSampleId :

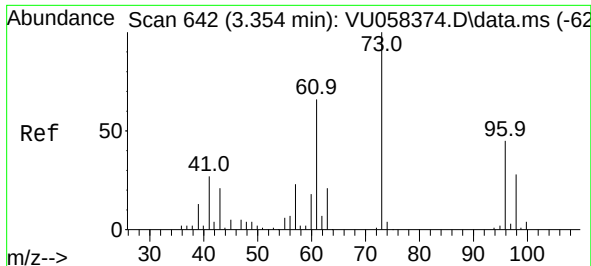
Tgt Ion: 43 Resp: 582
Ion Ratio Lower Upper
43 100
74 0.0 16.6 25.0#



#16
Methylene chloride
Concen: 0.685 ug/L
RT: 3.036 min Scan# 543
Delta R.T. 0.000 min
Lab File: VU058378.D
Acq: 04 Apr 2024 19:38

Tgt Ion: 84 Resp: 4280
Ion Ratio Lower Upper
84 100
86 61.9 44.3 82.3
49 133.5 96.0 178.2

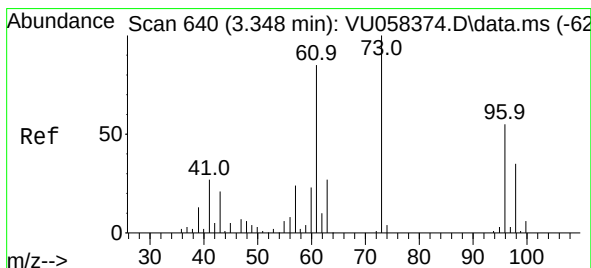
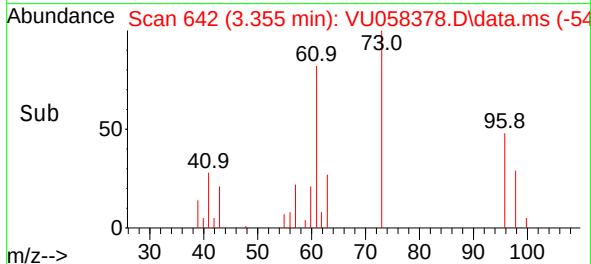
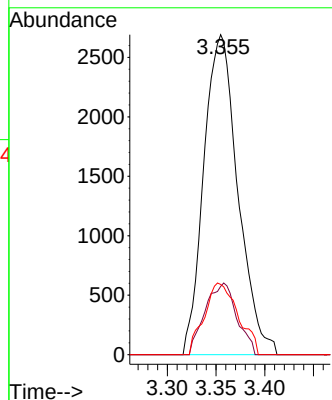
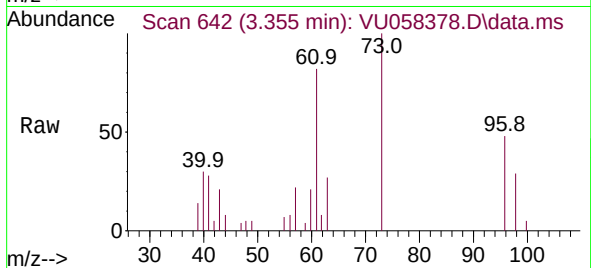




#17
Methyl tert-butyl Ether
Concen: 0.573 ug/L
RT: 3.355 min Scan# 642
Delta R.T. 0.000 min
Lab File: VU058378.D
Acq: 04 Apr 2024 19:38

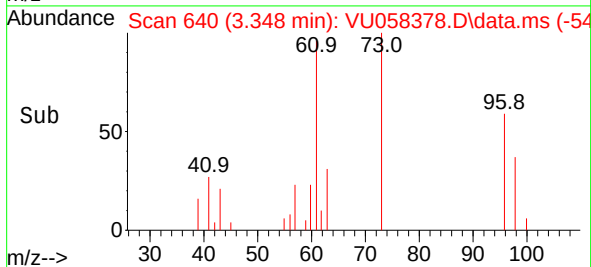
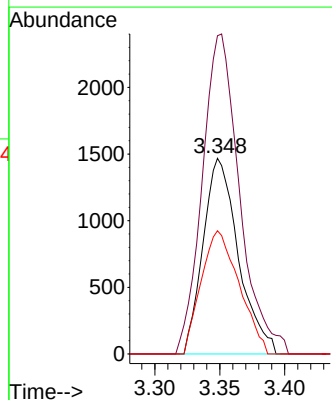
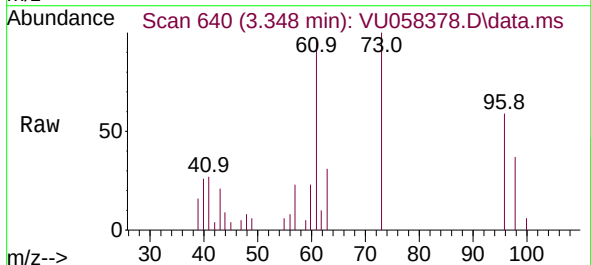
Instrument :
MSVOA_U
ClientSampleId :

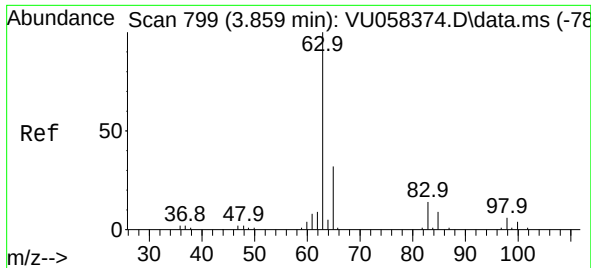
Tgt Ion:	73	Resp:	6556
Ion	Ratio	Lower	Upper
73	100		
43	20.8	17.4	26.2
57	22.2	18.6	27.8



#18
trans-1,2-Dichloroethene
Concen: 0.599 ug/L
RT: 3.348 min Scan# 640
Delta R.T. 0.000 min
Lab File: VU058378.D
Acq: 04 Apr 2024 19:38

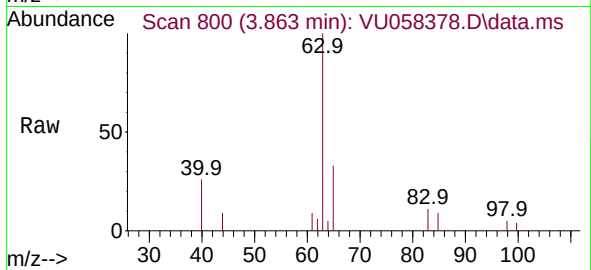
Tgt Ion:	96	Resp:	2771
Ion	Ratio	Lower	Upper
96	100		
61	162.7	107.6	199.8
98	63.0	45.1	83.7



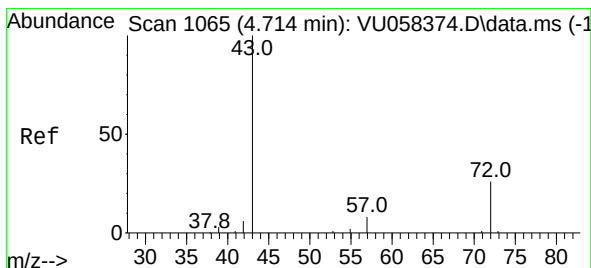
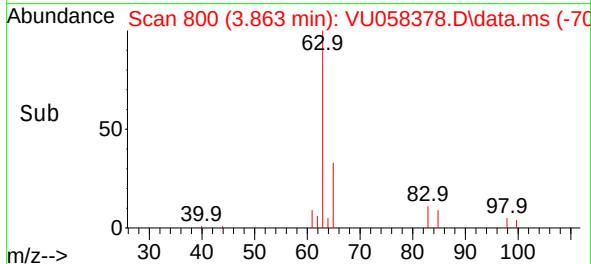
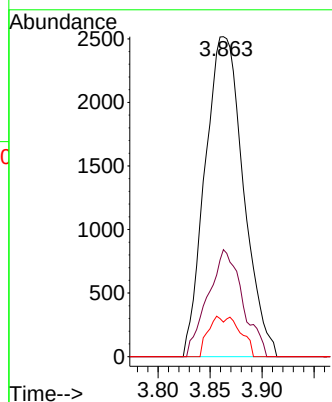


#19
1,1-Dichloroethane
Concen: 0.633 ug/L
RT: 3.863 min Scan# 80
Delta R.T. 0.004 min
Lab File: VU058378.D
Acq: 04 Apr 2024 19:38

Instrument :
MSVOA_U
ClientSampleId :

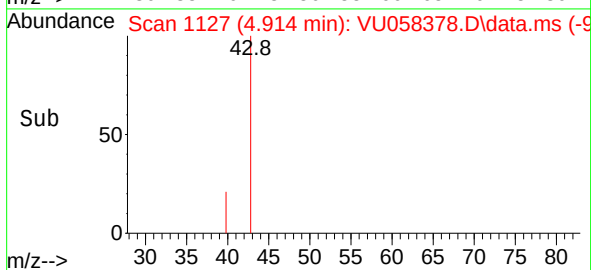
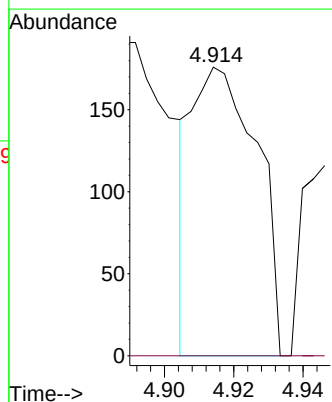
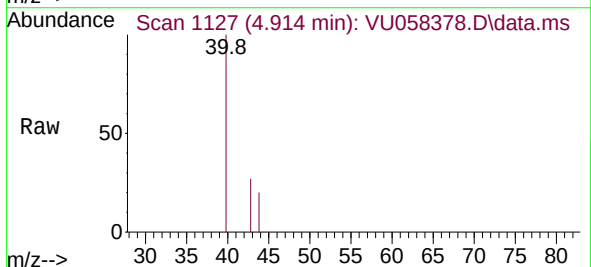


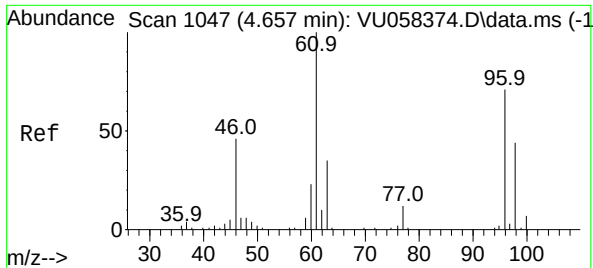
Tgt Ion: 63 Resp: 6448
Ion Ratio Lower Upper
63 100
65 33.5 22.9 42.5
83 10.8 9.6 17.8



#21
2-Butanone
Concen: 0.184 ug/L
RT: 4.914 min Scan# 1127
Delta R.T. 0.200 min
Lab File: VU058378.D
Acq: 04 Apr 2024 19:38

Tgt Ion: 43 Resp: 230
Ion Ratio Lower Upper
43 100
72 17.4 11.7 35.0

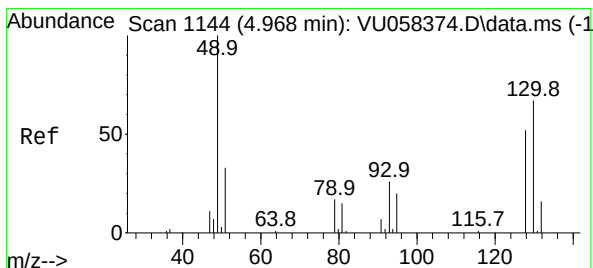
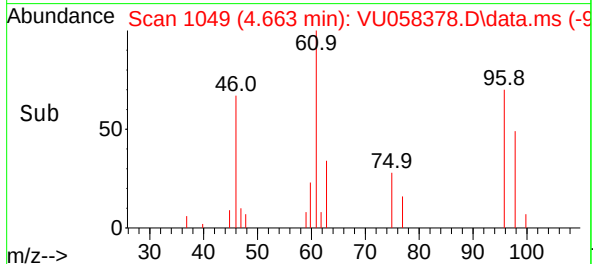
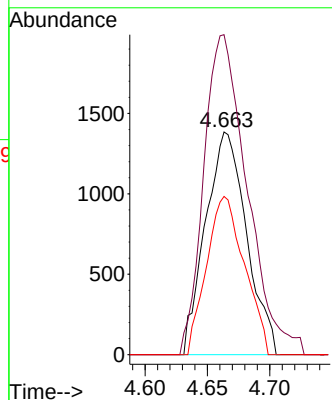
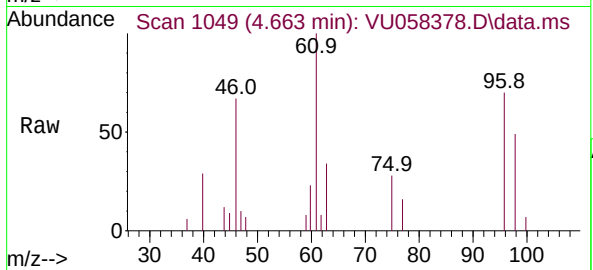




#22
 cis-1,2-Dichloroethene
 Concen: 0.571 ug/L
 RT: 4.663 min Scan# 1145
 Delta R.T. 0.007 min
 Lab File: VU058378.D
 Acq: 04 Apr 2024 19:38

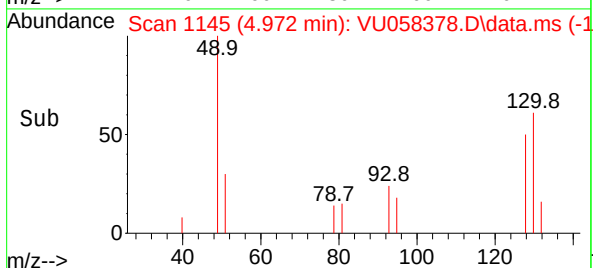
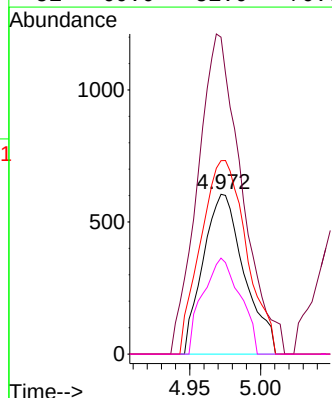
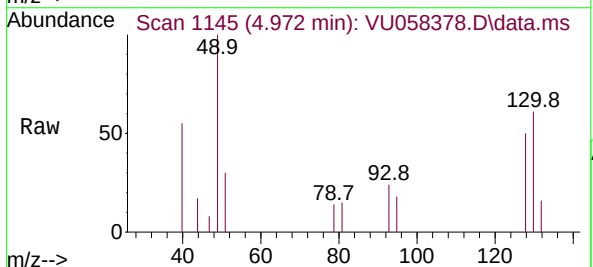
Instrument :
 MSVOA_U
 ClientSampleId :

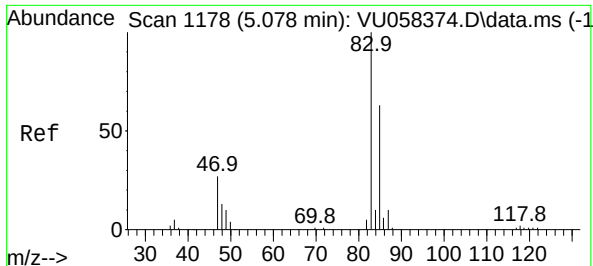
Tgt Ion: 96 Resp: 3165
 Ion Ratio Lower Upper
 96 100
 61 143.7 98.1 182.3
 98 71.0 43.6 81.0



#23
 Bromochloromethane
 Concen: 0.588 ug/L
 RT: 4.972 min Scan# 1145
 Delta R.T. 0.004 min
 Lab File: VU058378.D
 Acq: 04 Apr 2024 19:38

Tgt Ion: 128 Resp: 1223
 Ion Ratio Lower Upper
 128 100
 49 198.3 134.4 249.6
 130 121.0 90.0 167.2
 51 60.0 51.0 76.6





#25

Chloroform

Concen: 0.575 ug/L

RT: 5.081 min Scan# 1178

Delta R.T. 0.004 min

Lab File: VU058378.D

Acq: 04 Apr 2024 19:38

Instrument :

MSVOA_U

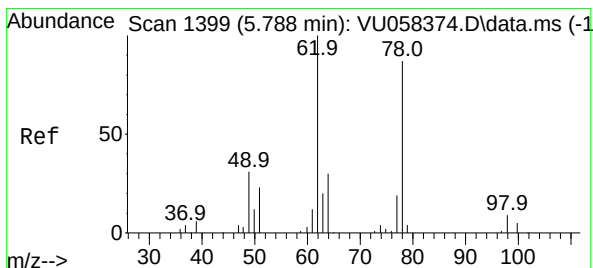
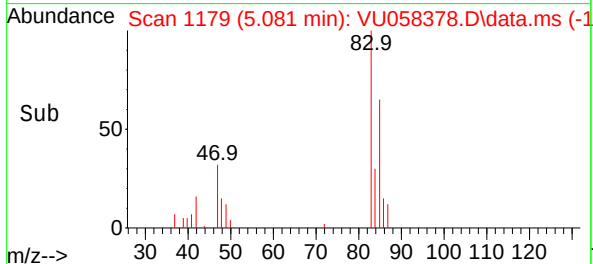
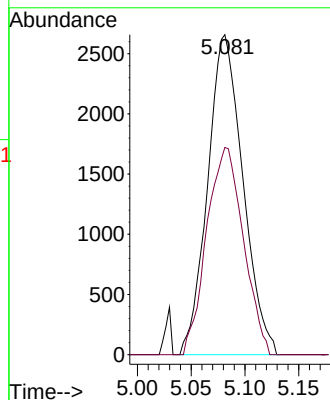
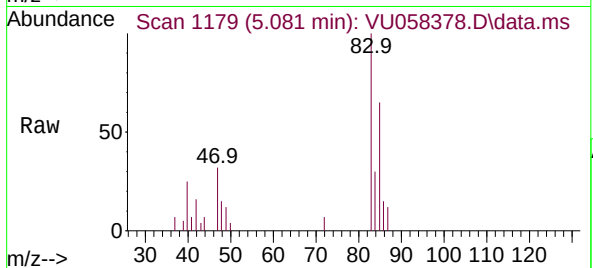
ClientSampleId :

Tgt Ion: 83 Resp: 6060

Ion Ratio Lower Upper

83 100

85 64.7 44.7 83.1



#27

1,2-Dichloroethane

Concen: 0.612 ug/L

RT: 5.792 min Scan# 1400

Delta R.T. 0.004 min

Lab File: VU058378.D

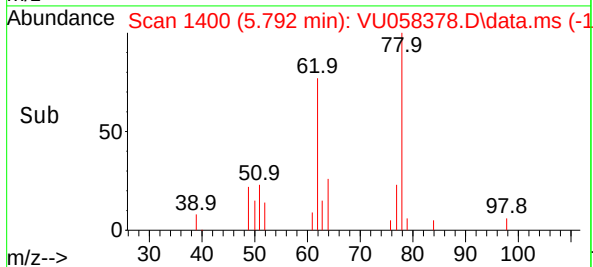
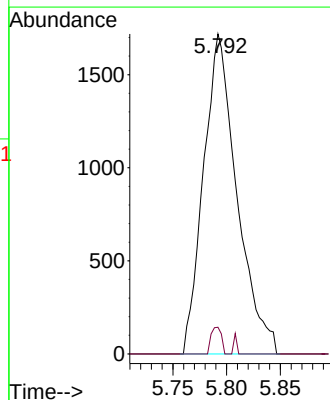
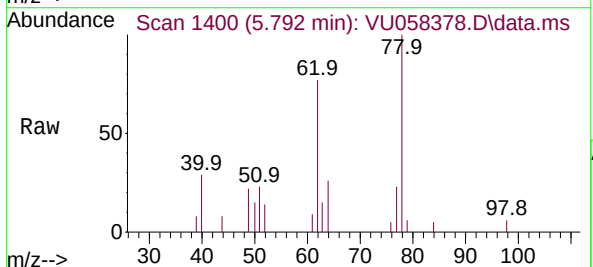
Acq: 04 Apr 2024 19:38

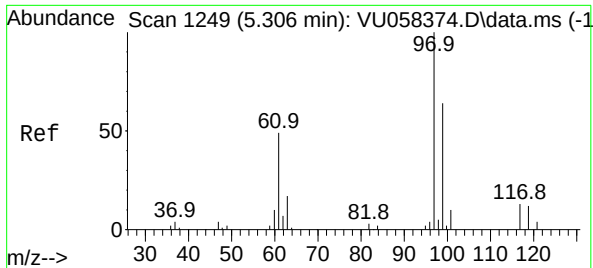
Tgt Ion: 62 Resp: 3715

Ion Ratio Lower Upper

62 100

98 8.3 7.0 10.4

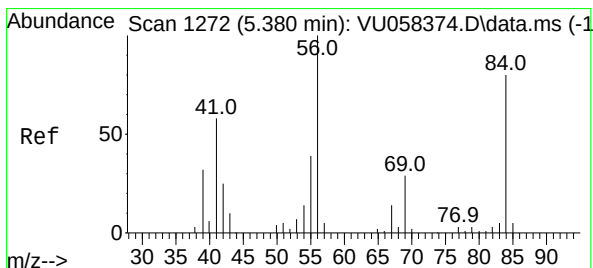
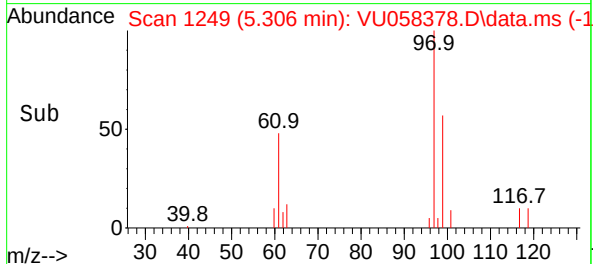
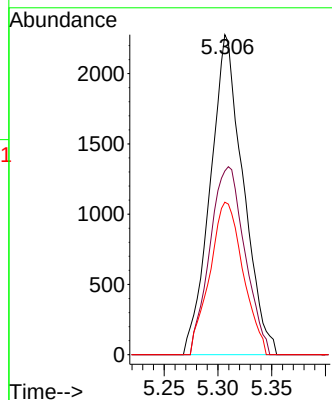
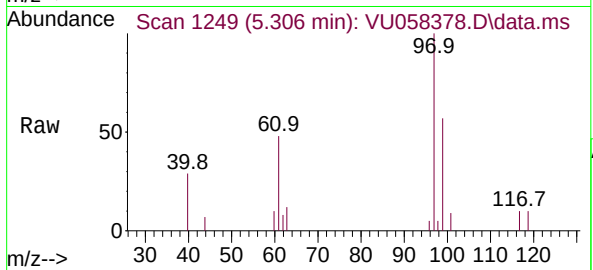




#29
1,1,1-Trichloroethane
Concen: 0.578 ug/L
RT: 5.306 min Scan# 1249
Delta R.T. 0.000 min
Lab File: VU058378.D
Acq: 04 Apr 2024 19:38

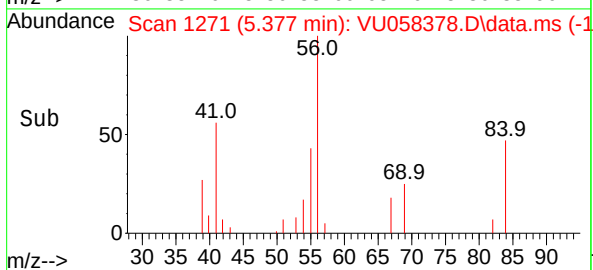
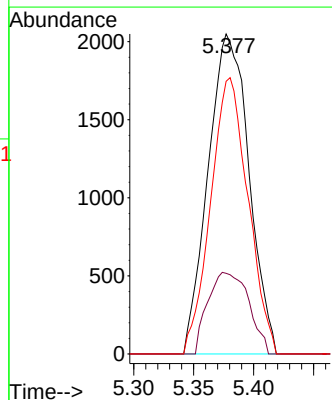
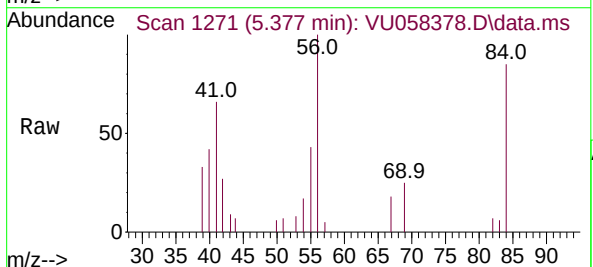
Instrument :
MSVOA_U
ClientSampleId :

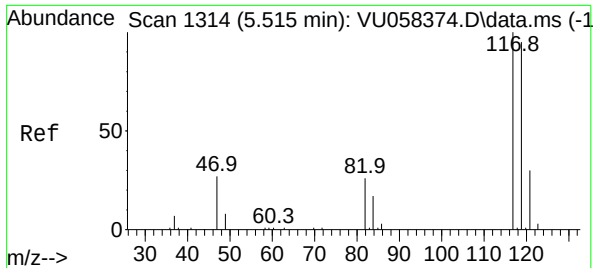
Tgt Ion:	97	Resp:	4842
Ion	Ratio	Lower	Upper
97	100		
99	62.4	50.4	75.6
61	48.2	39.4	59.0



#30
Cyclohexane
Concen: 0.627 ug/L
RT: 5.377 min Scan# 1271
Delta R.T. -0.003 min
Lab File: VU058378.D
Acq: 04 Apr 2024 19:38

Tgt Ion:	56	Resp:	4847
Ion	Ratio	Lower	Upper
56	100		
69	25.5	23.2	34.8
84	79.2	63.3	94.9

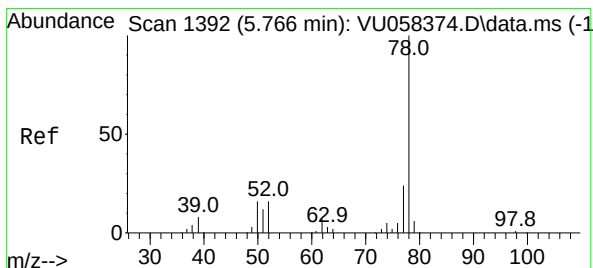
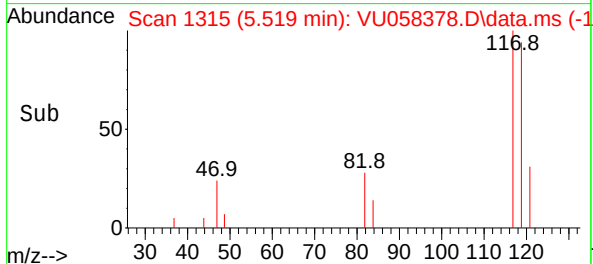
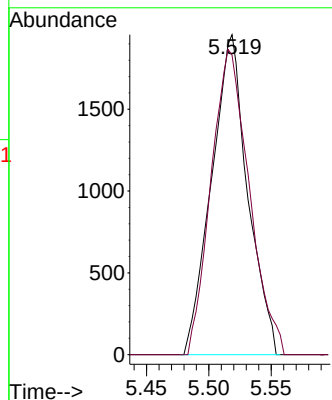
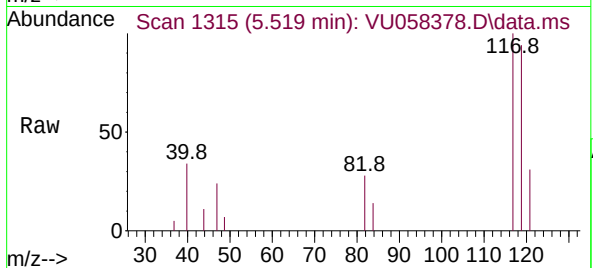




#31
Carbon tetrachloride
Concen: 0.548 ug/L
RT: 5.519 min Scan# 1314
Delta R.T. 0.004 min
Lab File: VU058378.D
Acq: 04 Apr 2024 19:38

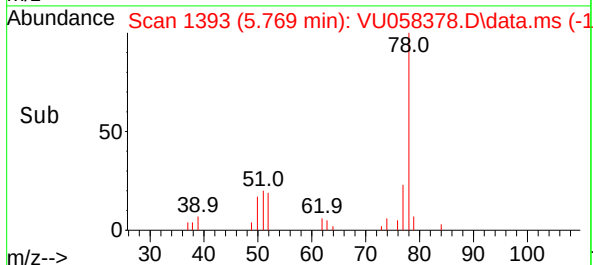
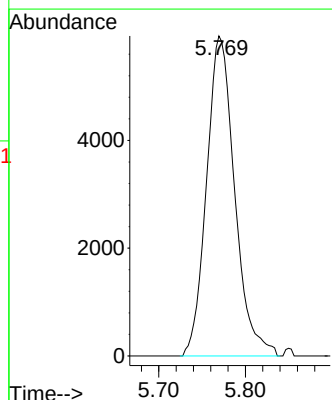
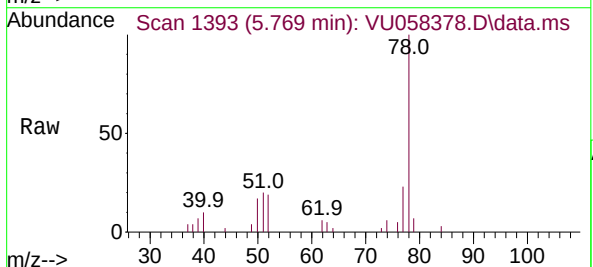
Instrument :
MSVOA_U
ClientSampleId :

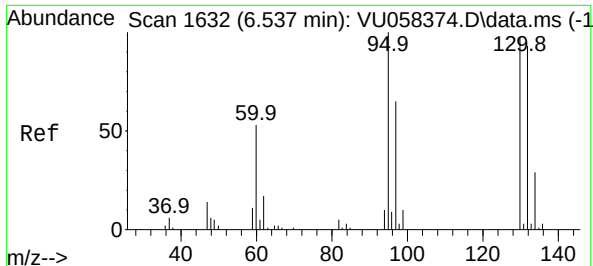
Tgt Ion:117 Resp: 3934
Ion Ratio Lower Upper
117 100
119 100.9 76.7 115.1



#33
Benzene
Concen: 0.621 ug/L
RT: 5.769 min Scan# 1393
Delta R.T. 0.004 min
Lab File: VU058378.D
Acq: 04 Apr 2024 19:38

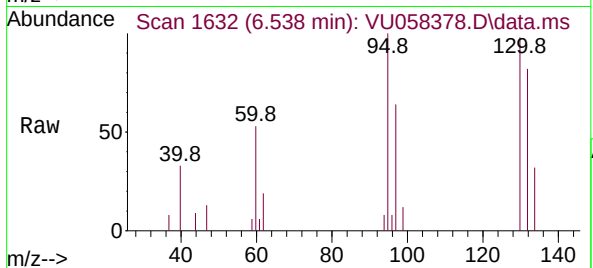
Tgt Ion: 78 Resp: 13405





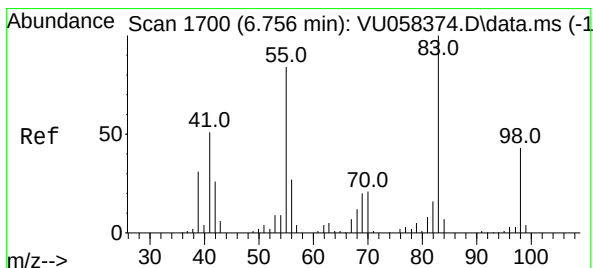
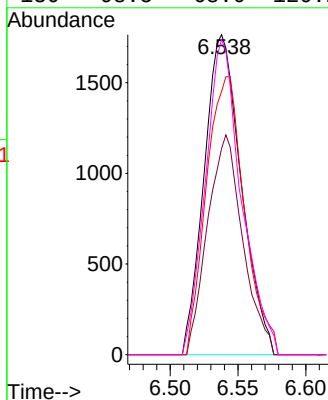
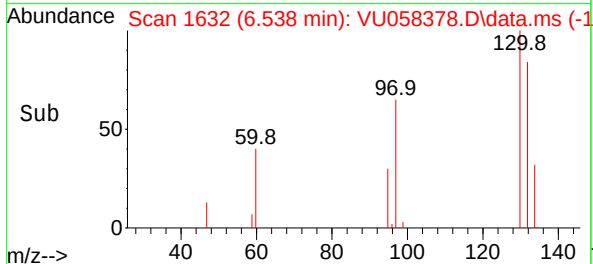
#34
Trichloroethene
Concen: 0.602 ug/L
RT: 6.538 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU058378.D
Acq: 04 Apr 2024 19:38

Instrument :
MSVOA_U
ClientSampleId :

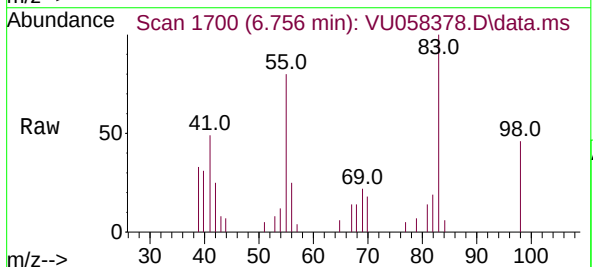


Tgt Ion: 95 Resp: 3364

Ion	Ratio	Lower	Upper
95	100		
97	64.4	45.6	84.6
132	82.3	64.8	120.3
130	98.5	68.0	126.2

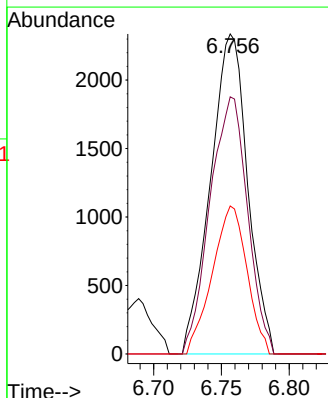
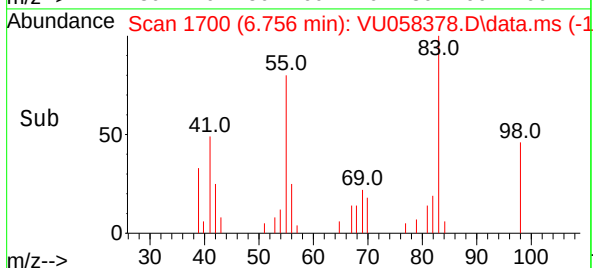


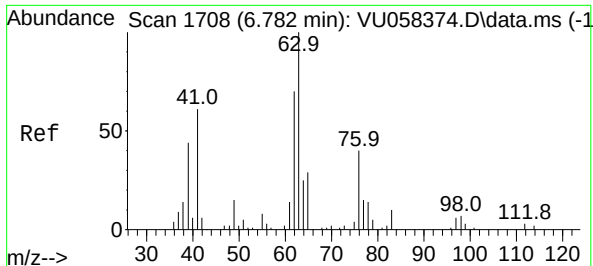
#35
Methylcyclohexane
Concen: 0.554 ug/L
RT: 6.756 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VU058378.D
Acq: 04 Apr 2024 19:38



Tgt Ion: 83 Resp: 4456

Ion	Ratio	Lower	Upper
83	100		
55	81.1	66.2	99.4
98	43.2	34.6	52.0

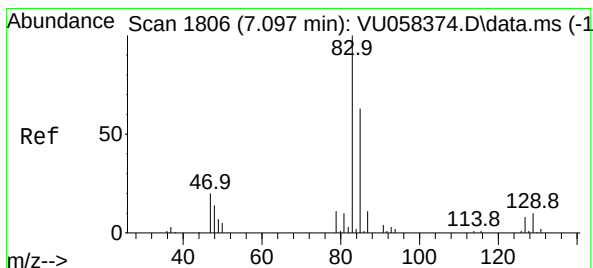
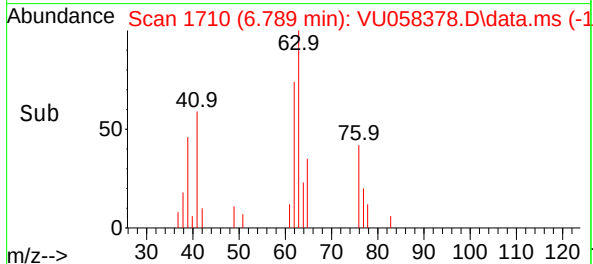
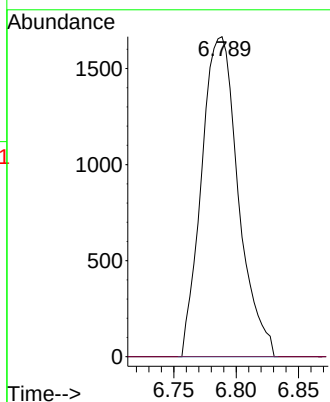
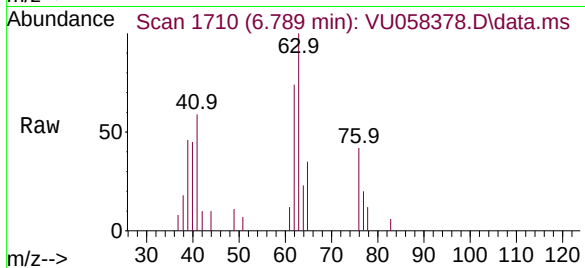




#37
1,2-Dichloropropane
Concen: 0.571 ug/L
RT: 6.789 min Scan# 11
Delta R.T. 0.007 min
Lab File: VU058378.D
Acq: 04 Apr 2024 19:38

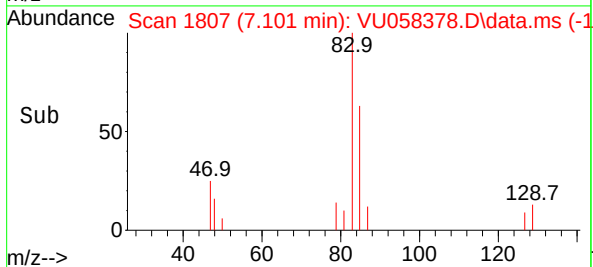
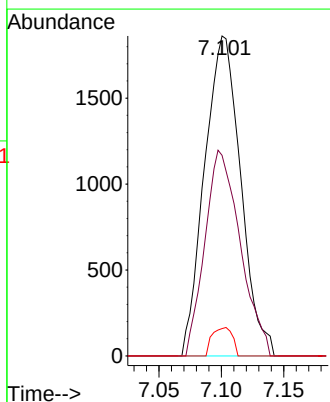
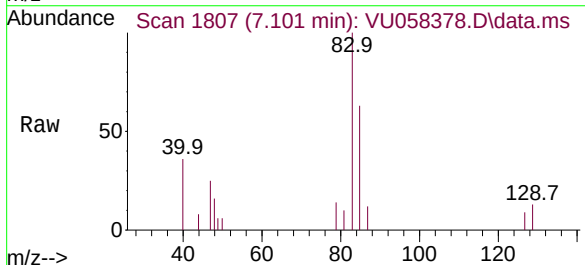
Instrument :
MSVOA_U
ClientSampleId :

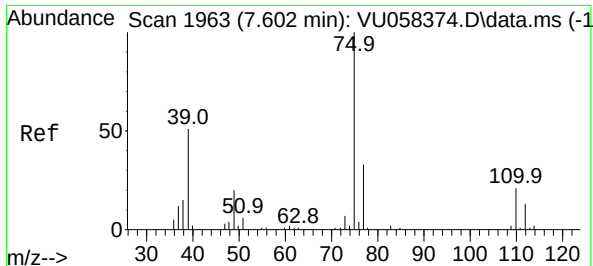
Tgt Ion: 63 Resp: 3418
Ion Ratio Lower Upper
63 100
112 0.0 2.6 4.0#



#38
Bromodichloromethane
Concen: 0.551 ug/L
RT: 7.101 min Scan# 1807
Delta R.T. 0.004 min
Lab File: VU058378.D
Acq: 04 Apr 2024 19:38

Tgt Ion: 83 Resp: 3759
Ion Ratio Lower Upper
83 100
85 62.7 44.2 82.2
127 8.5 6.5 9.7

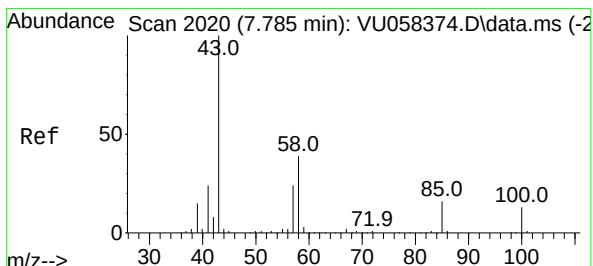
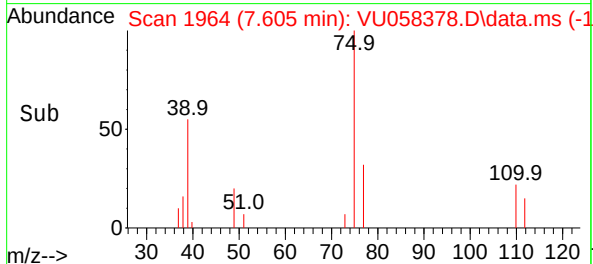
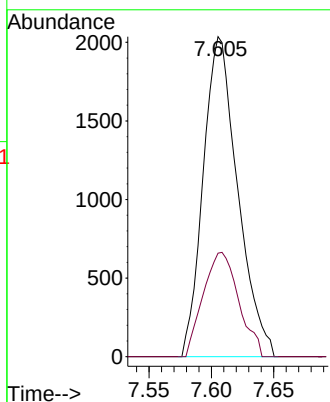
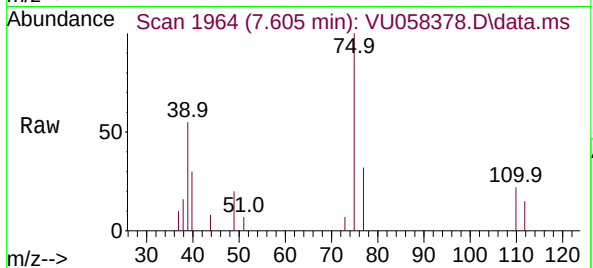




#39
 cis-1,3-Dichloropropene
 Concen: 0.520 ug/L
 RT: 7.605 min Scan# 1964
 Delta R.T. 0.004 min
 Lab File: VU058378.D
 Acq: 04 Apr 2024 19:38

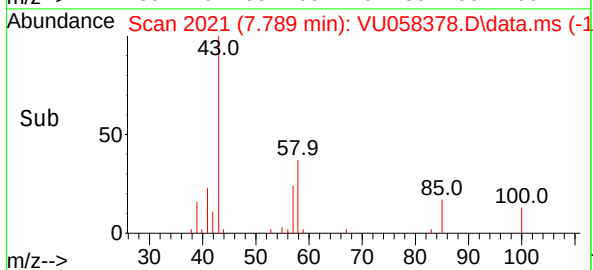
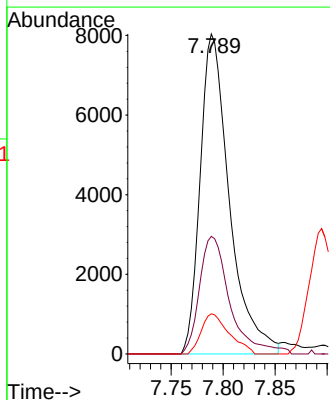
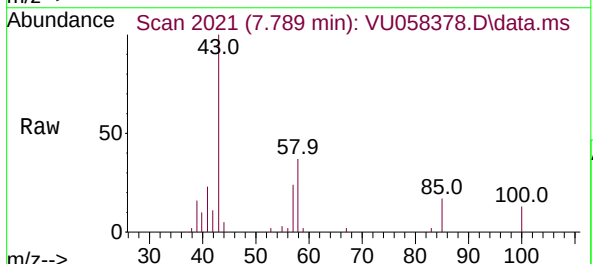
Instrument :
 MSVOA_U
 ClientSampleId :

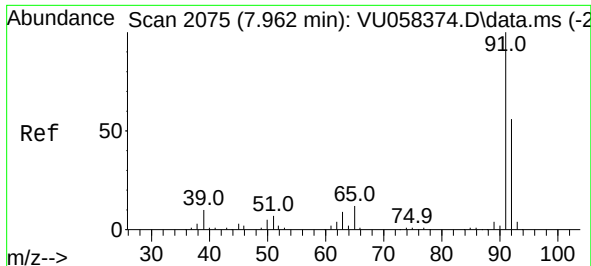
Tgt Ion: 75 Resp: 3920
 Ion Ratio Lower Upper
 75 100
 77 32.4 22.7 42.3



#40
 4-Methyl-2-pentanone
 Concen: 5.273 ug/L
 RT: 7.789 min Scan# 2021
 Delta R.T. 0.004 min
 Lab File: VU058378.D
 Acq: 04 Apr 2024 19:38

Tgt Ion: 43 Resp: 15719
 Ion Ratio Lower Upper
 43 100
 58 38.2 30.4 45.6
 100 12.0 10.3 15.5





#42

Toluene

Concen: 0.626 ug/L

RT: 7.965 min Scan# 2075

Delta R.T. 0.004 min

Lab File: VU058378.D

Acq: 04 Apr 2024 19:38

Instrument :

MSVOA_U

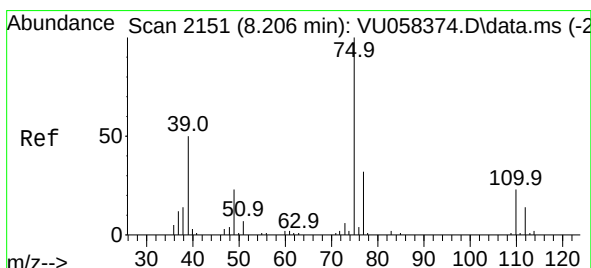
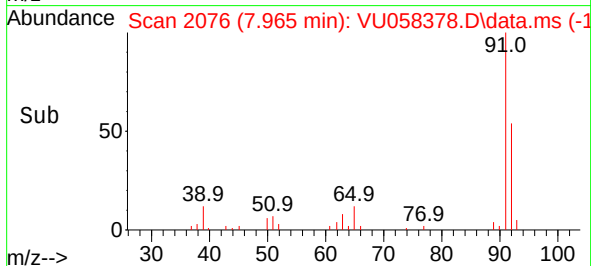
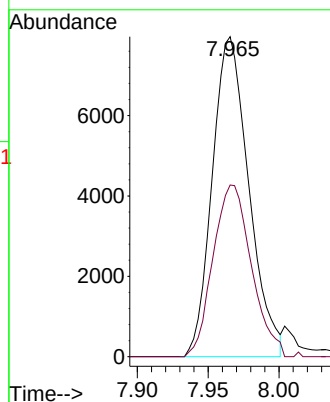
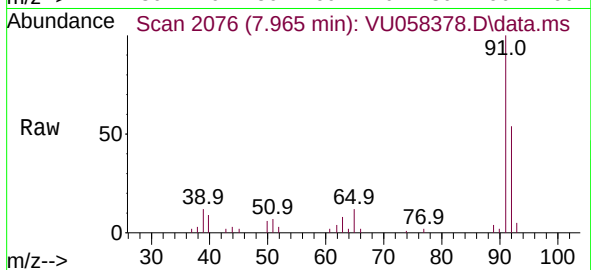
ClientSampleId :

Tgt Ion: 91 Resp: 14278

Ion Ratio Lower Upper

91 100

92 53.7 39.5 73.3



#44

trans-1,3-Dichloropropene

Concen: 0.537 ug/L

RT: 8.210 min Scan# 2152

Delta R.T. 0.004 min

Lab File: VU058378.D

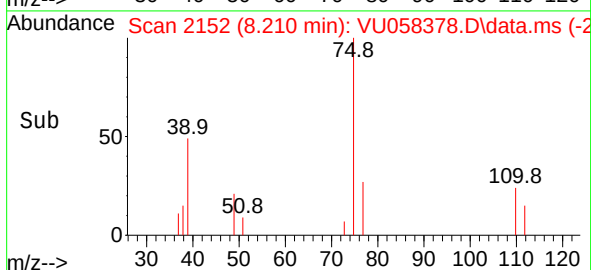
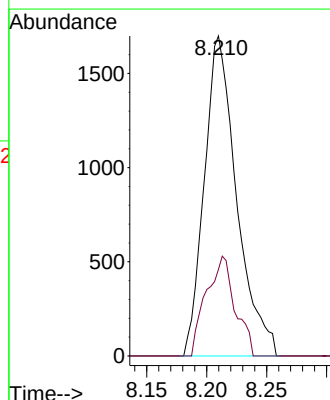
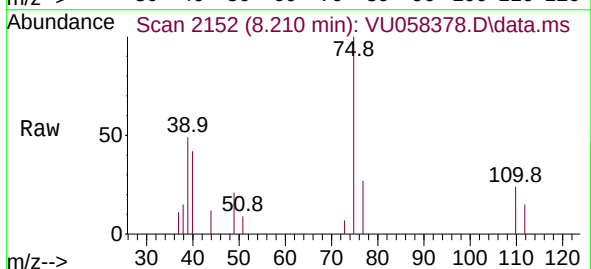
Acq: 04 Apr 2024 19:38

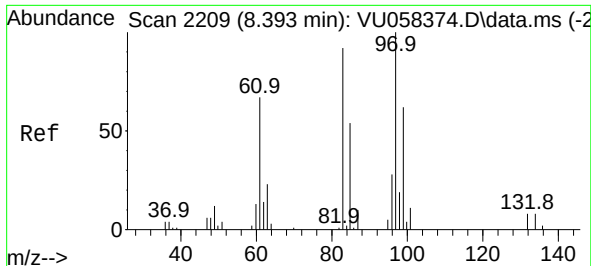
Tgt Ion: 75 Resp: 3182

Ion Ratio Lower Upper

75 100

77 27.1 22.2 41.2



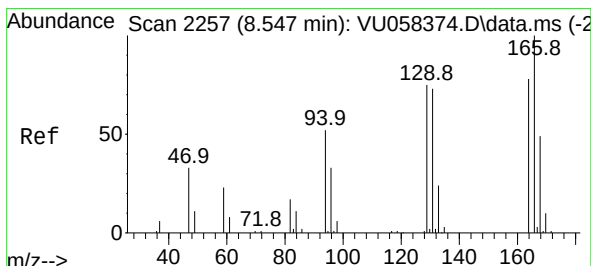
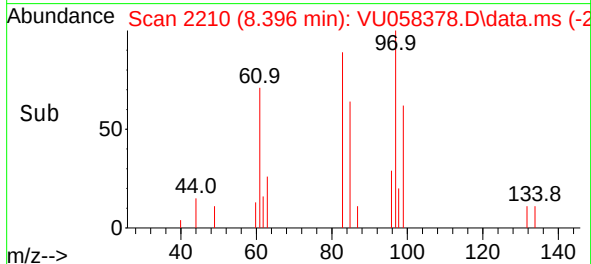
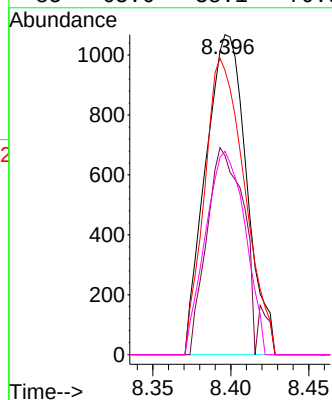
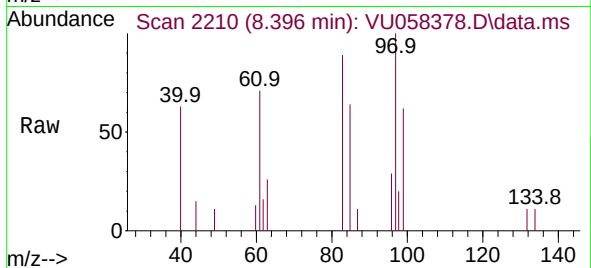


#45
1,1,2-Trichloroethane
Concen: 0.526 ug/L
RT: 8.396 min Scan# 21
Delta R.T. 0.004 min
Lab File: VU058378.D
Acq: 04 Apr 2024 19:38

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 97 Resp: 1952

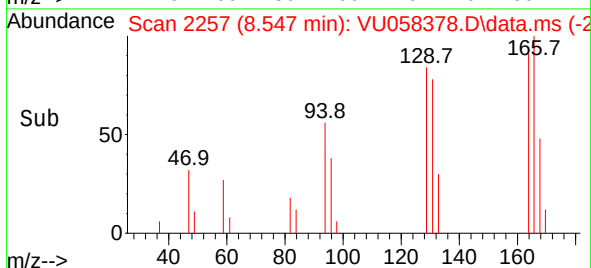
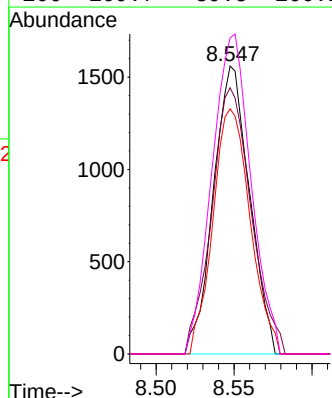
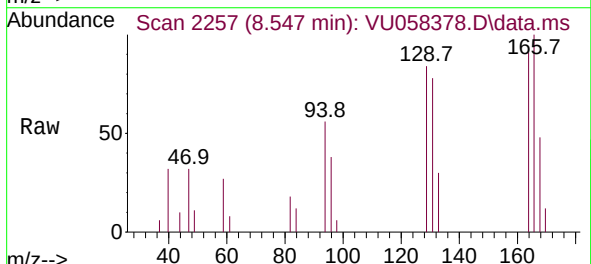
Ion	Ratio	Lower	Upper
97	100		
99	62.2	43.7	81.1
83	88.9	64.5	119.7
85	63.6	38.1	70.9

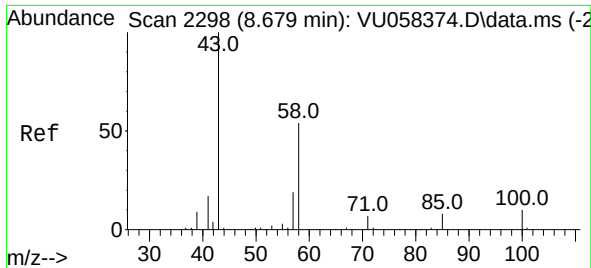


#47
Tetrachloroethene
Concen: 0.659 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. 0.000 min
Lab File: VU058378.D
Acq: 04 Apr 2024 19:38

Tgt Ion: 164 Resp: 2513

Ion	Ratio	Lower	Upper
164	100		
129	92.4	67.3	125.1
131	85.1	65.5	121.6
166	109.7	89.5	166.1





#48

2-Hexanone

Concen: 5.198 ug/L

RT: 8.686 min Scan# 21

Delta R.T. 0.007 min

Lab File: VU058378.D

Acq: 04 Apr 2024 19:38

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 43 Resp: 11318

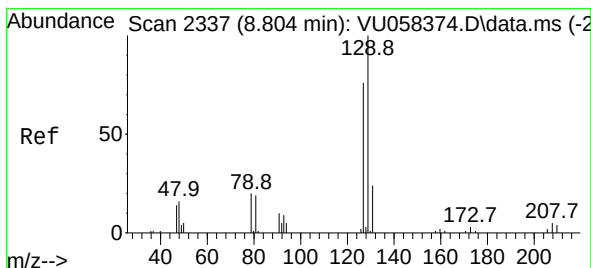
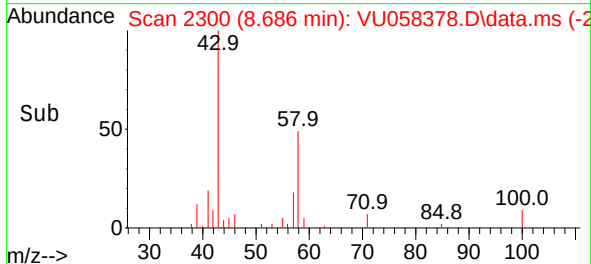
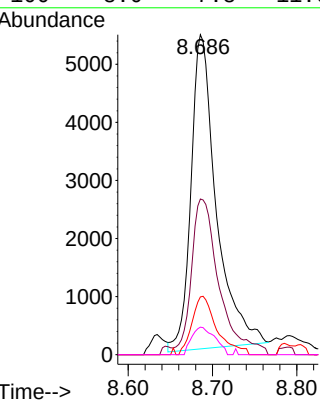
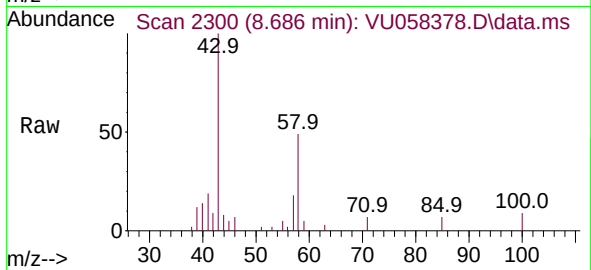
Ion Ratio Lower Upper

43 100

58 54.2 43.2 64.8

57 18.2 15.4 23.0

100 8.0 7.8 11.6



#49

Dibromochloromethane

Concen: 0.539 ug/L

RT: 8.805 min Scan# 2337

Delta R.T. 0.000 min

Lab File: VU058378.D

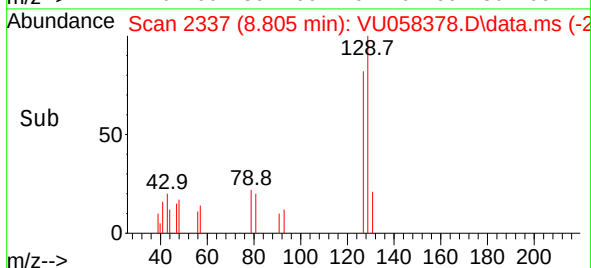
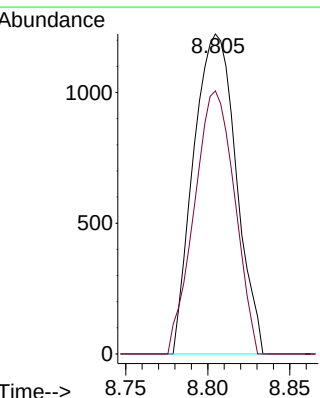
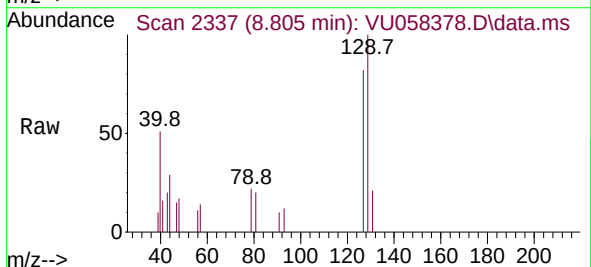
Acq: 04 Apr 2024 19:38

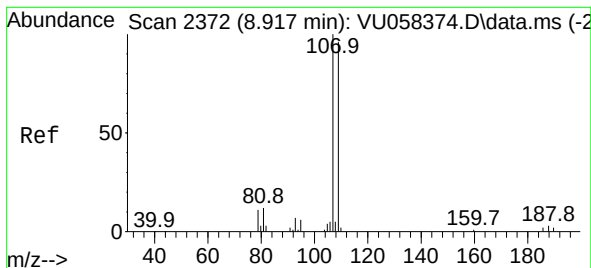
Tgt Ion: 129 Resp: 2206

Ion Ratio Lower Upper

129 100

127 82.2 53.5 99.5





#50

1,2-Dibromoethane

Concen: 0.570 ug/L

RT: 8.920 min Scan# 2373

Delta R.T. 0.004 min

Lab File: VU058378.D

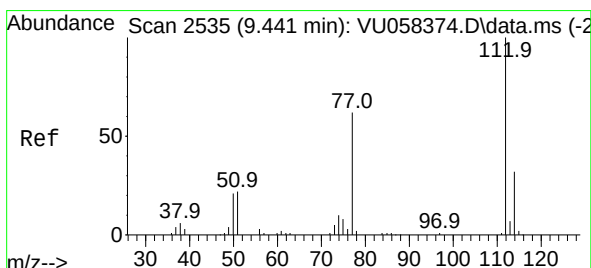
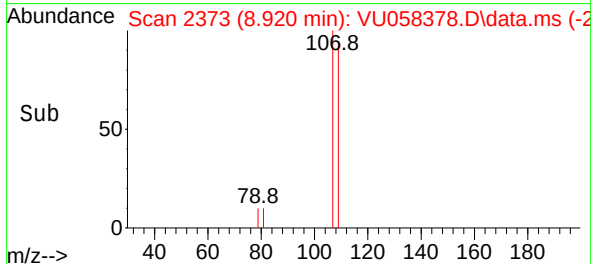
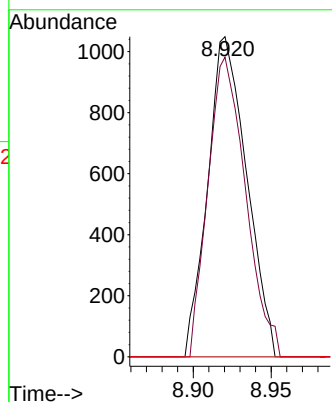
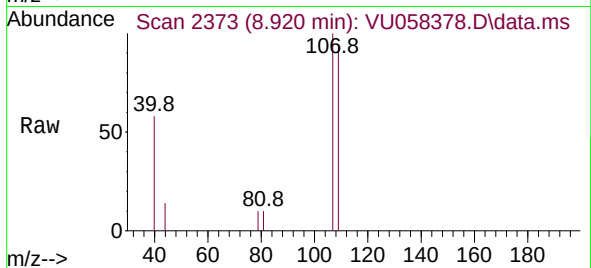
Acq: 04 Apr 2024 19:38

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:107	Resp:	1822
Ion Ratio	Lower	Upper
107	100	
109	93.6	67.3 124.9
188	0.0	2.5 3.7#



#51

Chlorobenzene

Concen: 0.581 ug/L

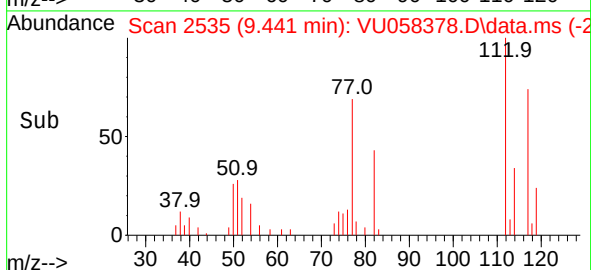
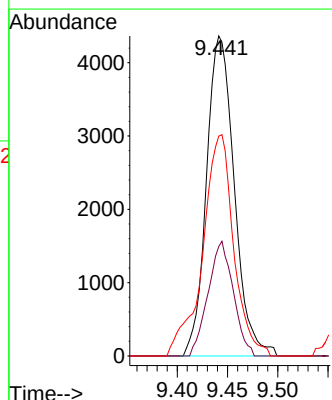
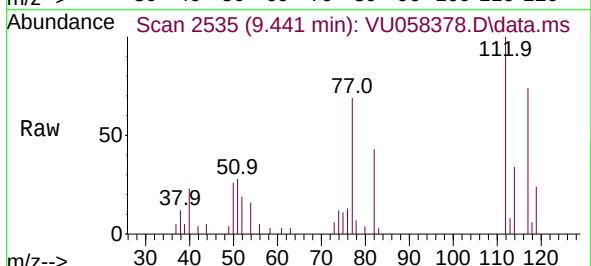
RT: 9.441 min Scan# 2535

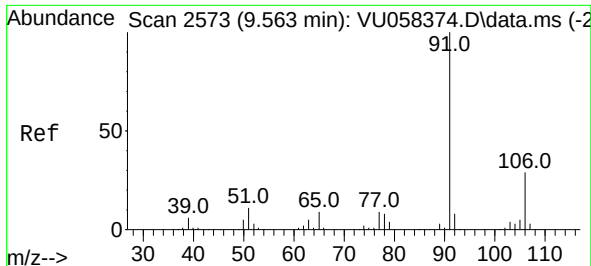
Delta R.T. 0.000 min

Lab File: VU058378.D

Acq: 04 Apr 2024 19:38

Tgt Ion:112	Resp:	8405
Ion Ratio	Lower	Upper
112	100	
114	34.2	22.4 41.6
77	68.7	50.1 75.1





#52

Ethylbenzene

Concen: 0.542 ug/L

RT: 9.567 min Scan# 2574

Delta R.T. 0.004 min

Lab File: VU058378.D

Acq: 04 Apr 2024 19:38

Instrument :

MSVOA_U

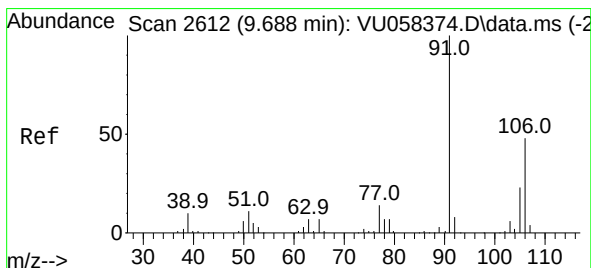
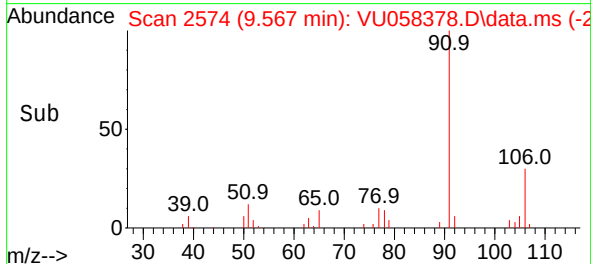
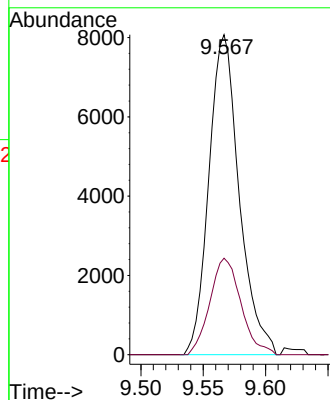
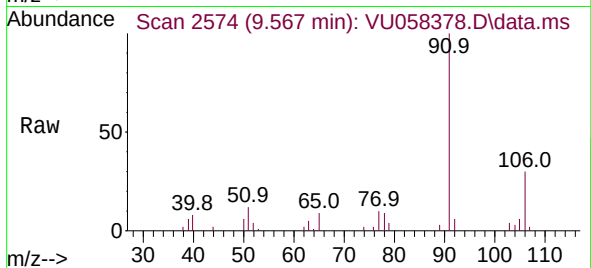
ClientSampleId :

Tgt Ion: 91 Resp: 13666

Ion Ratio Lower Upper

91 100

106 30.1 20.6 38.4



#53

m,p-Xylene

Concen: 0.524 ug/L

RT: 9.689 min Scan# 2612

Delta R.T. 0.000 min

Lab File: VU058378.D

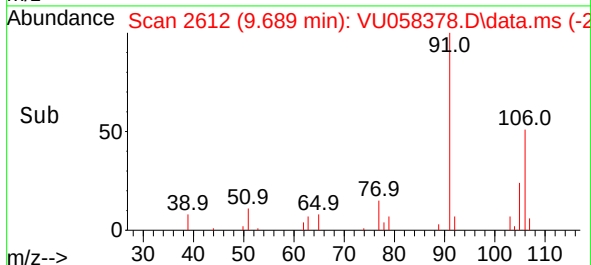
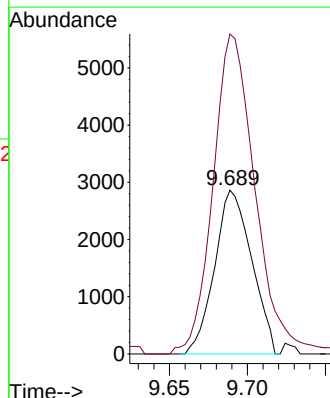
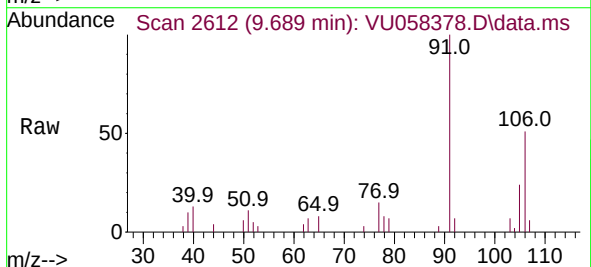
Acq: 04 Apr 2024 19:38

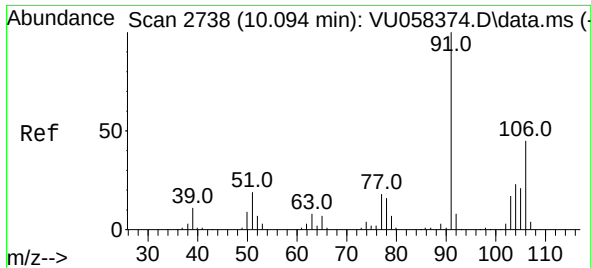
Tgt Ion:106 Resp: 4736

Ion Ratio Lower Upper

106 100

91 195.3 147.8 274.4

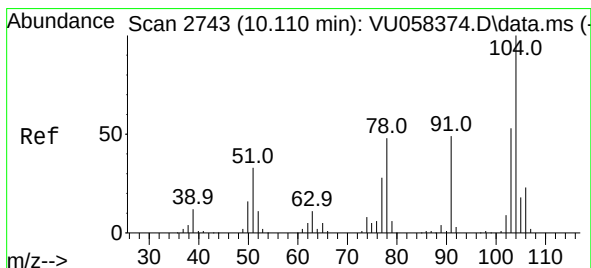
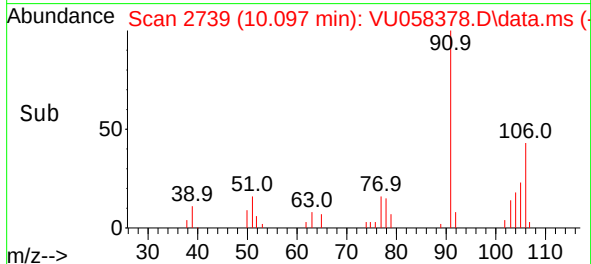
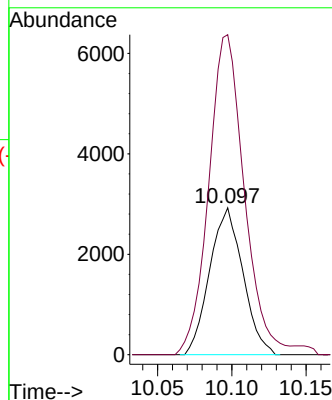
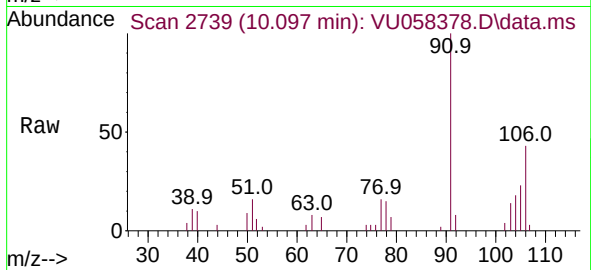




#54
o-Xylene
Concen: 0.505 ug/L
RT: 10.097 min Scan# 21
Delta R.T. 0.004 min
Lab File: VU058378.D
Acq: 04 Apr 2024 19:38

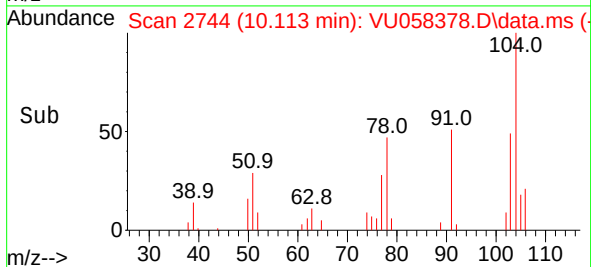
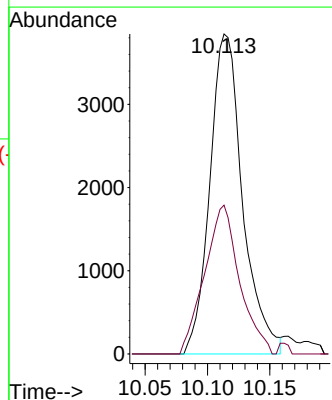
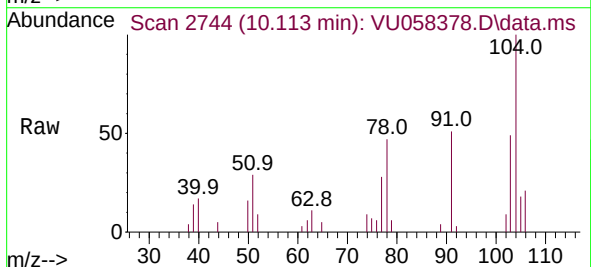
Instrument :
MSVOA_U
ClientSampleId :

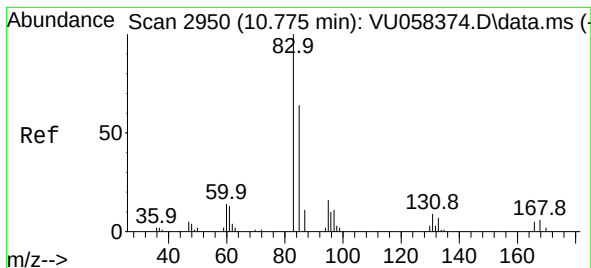
Tgt Ion:106 Resp: 4560
Ion Ratio Lower Upper
106 100
91 217.9 156.9 291.5



#55
Styrene
Concen: 0.492 ug/L
RT: 10.113 min Scan# 2744
Delta R.T. 0.004 min
Lab File: VU058378.D
Acq: 04 Apr 2024 19:38

Tgt Ion:104 Resp: 7039
Ion Ratio Lower Upper
104 100
78 46.5 33.9 63.0





#57

1,1,2,2-Tetrachloroethane

Concen: 0.566 ug/L

RT: 10.779 min Scan# 2951

Delta R.T. 0.004 min

Lab File: VU058378.D

Acq: 04 Apr 2024 19:38

Instrument :

MSVOA_U

ClientSampleId :

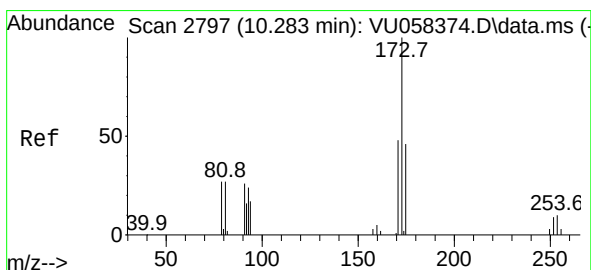
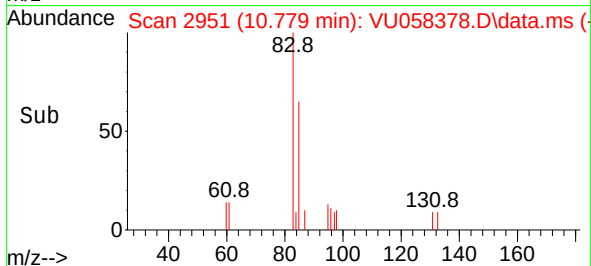
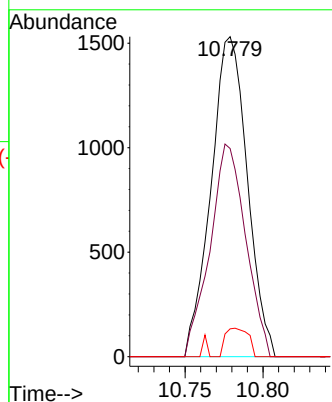
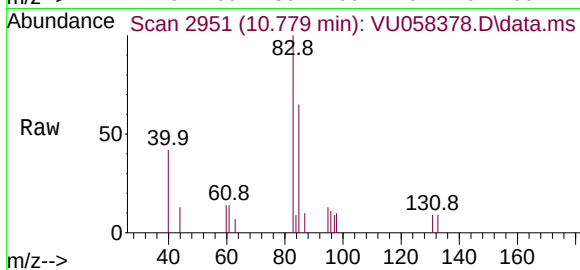
Tgt Ion: 83 Resp: 2478

Ion Ratio Lower Upper

83 100

85 65.1 45.1 83.7

131 8.7 6.9 10.3



#59

Bromoform

Concen: 0.540 ug/L

RT: 10.287 min Scan# 2798

Delta R.T. 0.004 min

Lab File: VU058378.D

Acq: 04 Apr 2024 19:38

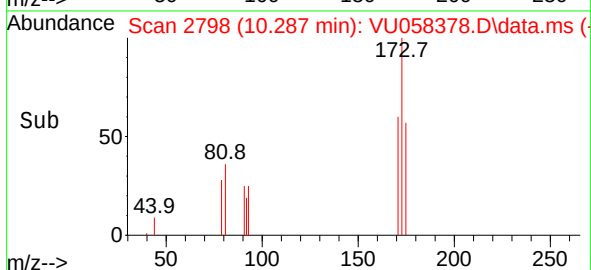
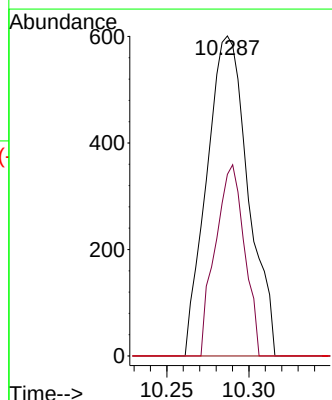
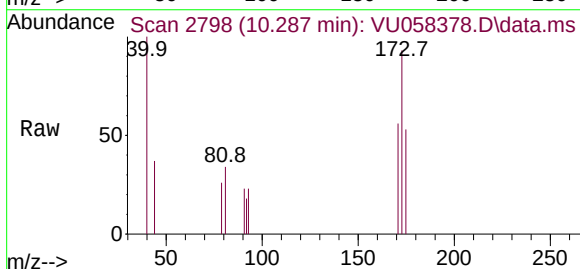
Tgt Ion:173 Resp: 1054

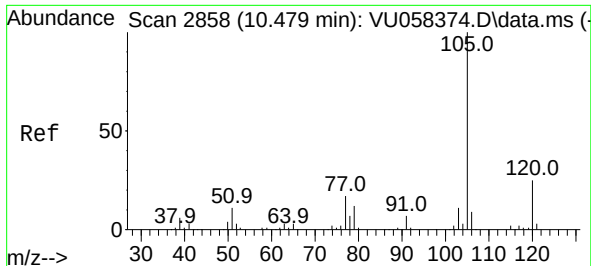
Ion Ratio Lower Upper

173 100

175 41.8 38.0 57.0

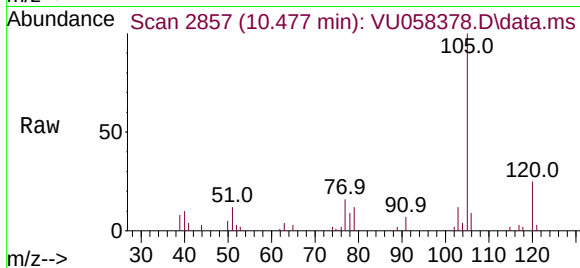
254 0.0 7.5 11.3#



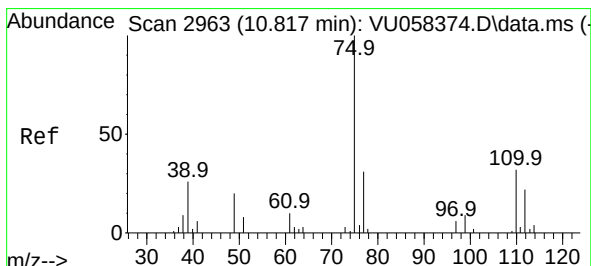
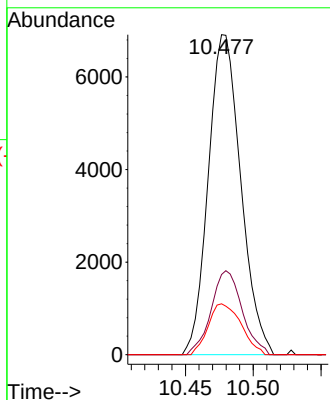
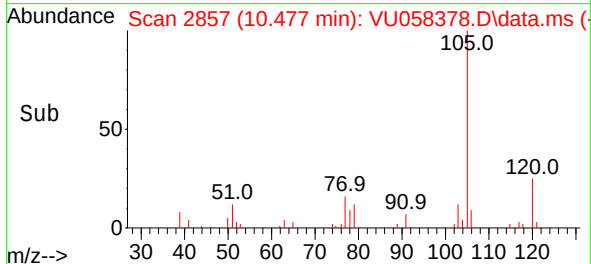


#60
Isopropylbenzene
Concen: 0.521 ug/L
RT: 10.477 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU058378.D
Acq: 04 Apr 2024 19:38

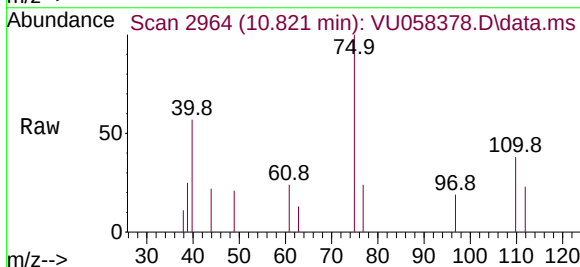
Instrument :
MSVOA_U
ClientSampleId :



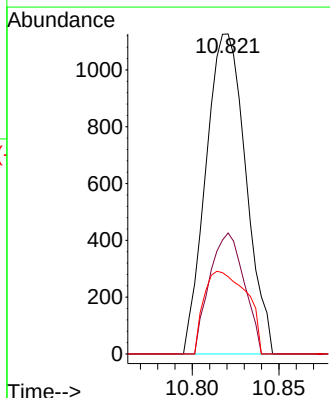
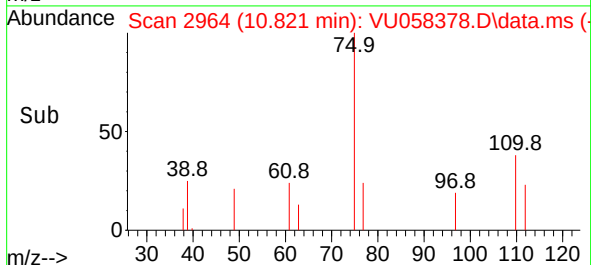
Tgt Ion:105 Resp: 11512
Ion Ratio Lower Upper
105 100
120 25.1 20.2 30.4
77 16.1 13.5 20.3

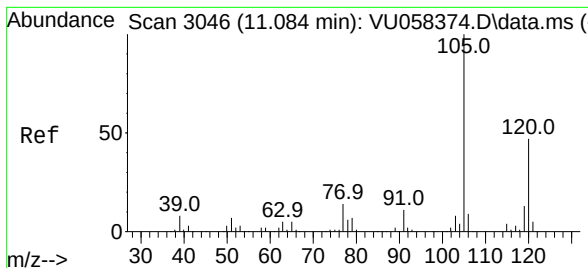


#61
1,2,3-Trichloropropane
Concen: 0.586 ug/L
RT: 10.821 min Scan# 2964
Delta R.T. 0.004 min
Lab File: VU058378.D
Acq: 04 Apr 2024 19:38



Tgt Ion: 75 Resp: 1808
Ion Ratio Lower Upper
75 100
110 32.6 25.8 38.6
77 27.5 25.1 37.7





#62

1,3,5-Trimethylbenzene

Concen: 0.493 ug/L

RT: 11.084 min Scan# 3046

Delta R.T. 0.000 min

Lab File: VU058378.D

Acq: 04 Apr 2024 19:38

Instrument :

MSVOA_U

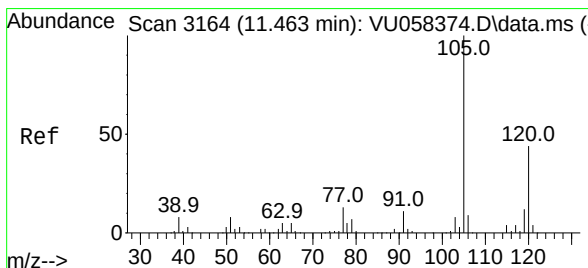
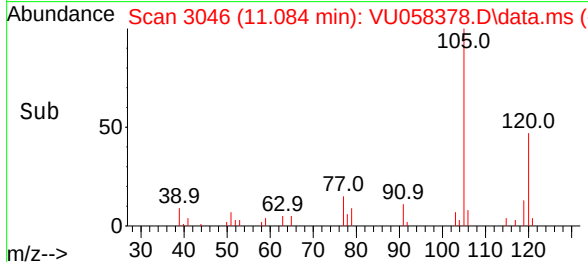
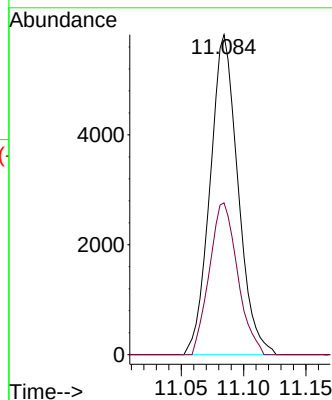
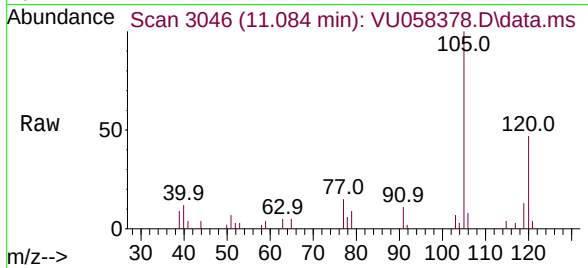
ClientSampleId :

Tgt Ion:105 Resp: 9090

Ion Ratio Lower Upper

105 100

120 47.8 37.2 55.8



#63

1,2,4-Trimethylbenzene

Concen: 0.487 ug/L

RT: 11.464 min Scan# 3164

Delta R.T. 0.000 min

Lab File: VU058378.D

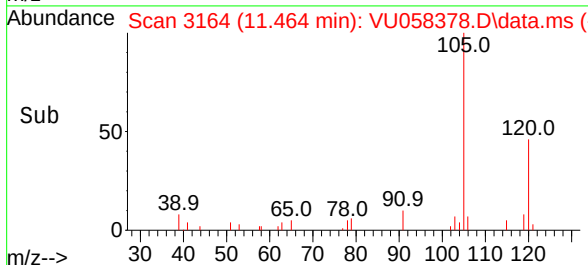
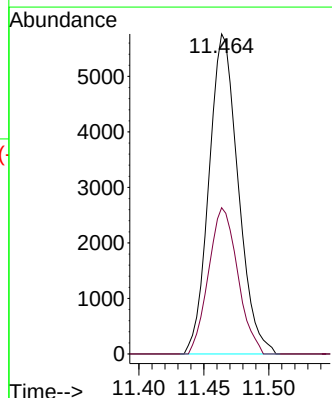
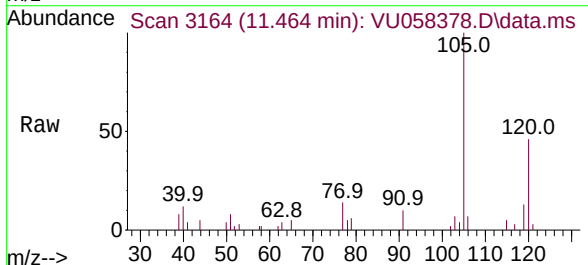
Acq: 04 Apr 2024 19:38

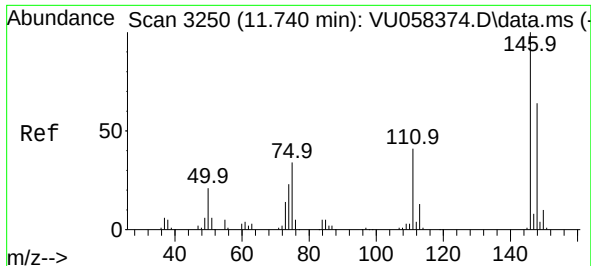
Tgt Ion:105 Resp: 8997

Ion Ratio Lower Upper

105 100

120 45.6 34.7 52.1





#64

1,3-Dichlorobenzene

Concen: 0.641 ug/L

RT: 11.743 min Scan# 3250

Delta R.T. 0.004 min

Lab File: VU058378.D

Acq: 04 Apr 2024 19:38

Instrument :

MSVOA_U

ClientSampleId :

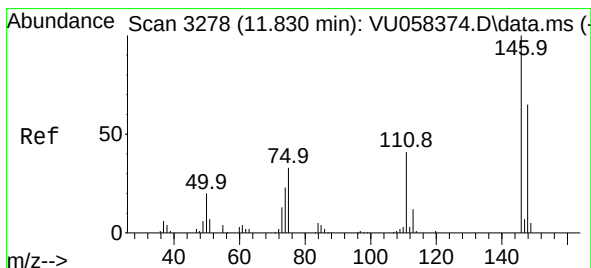
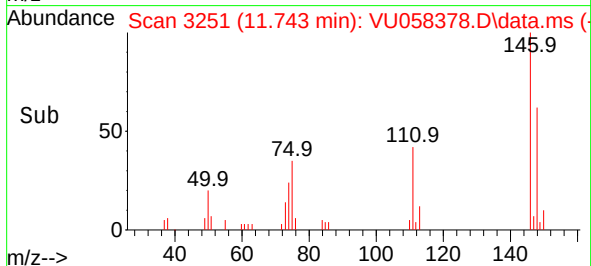
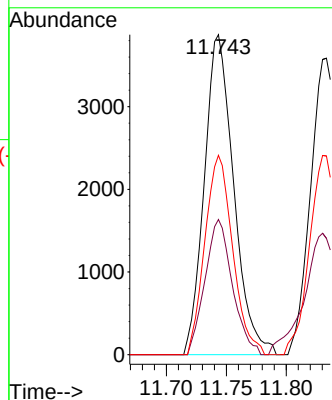
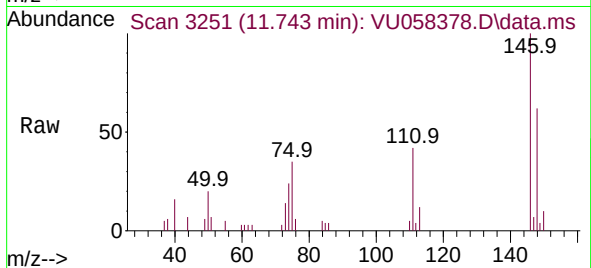
Tgt Ion:146 Resp: 6601

Ion Ratio Lower Upper

146 100

111 42.2 28.8 53.4

148 62.3 44.9 83.3



#65

1,4-Dichlorobenzene

Concen: 0.633 ug/L

RT: 11.833 min Scan# 3279

Delta R.T. 0.004 min

Lab File: VU058378.D

Acq: 04 Apr 2024 19:38

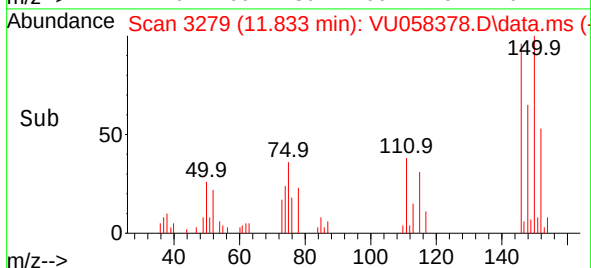
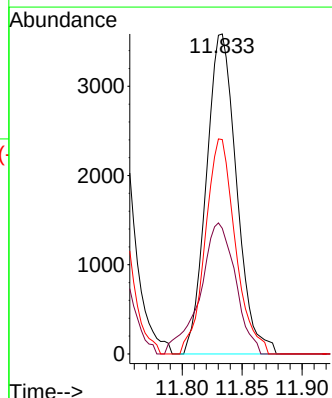
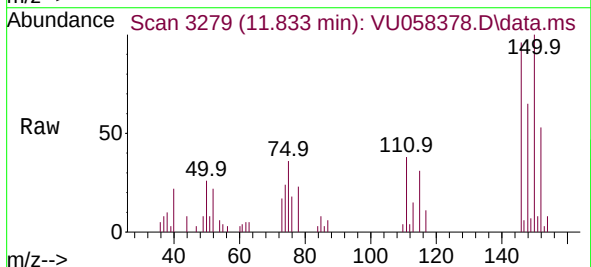
Tgt Ion:146 Resp: 6294

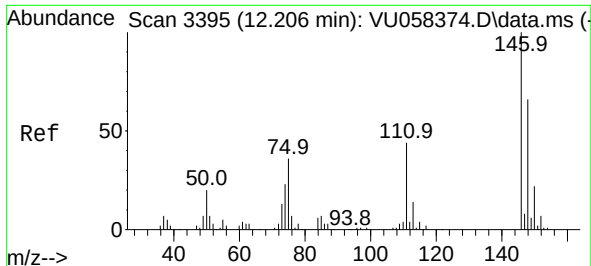
Ion Ratio Lower Upper

146 100

111 39.3 28.8 53.6

148 67.0 45.3 84.1





#67

1,2-Dichlorobenzene

Concen: 0.630 ug/L

RT: 12.210 min Scan# 3395

Delta R.T. 0.004 min

Lab File: VU058378.D

Acq: 04 Apr 2024 19:38

Instrument :

MSVOA_U

ClientSampleId :

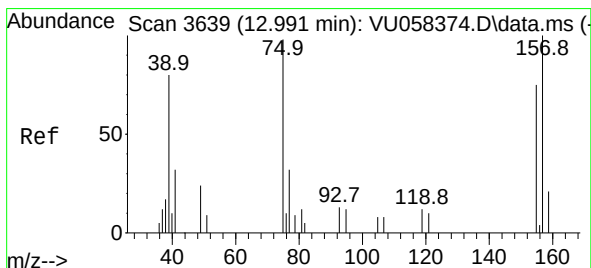
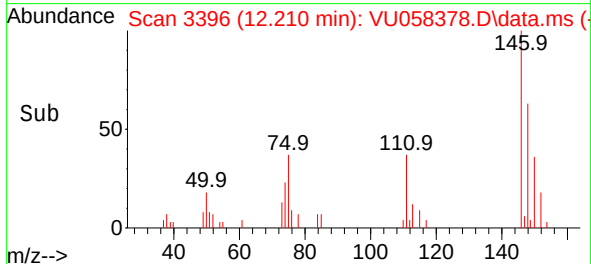
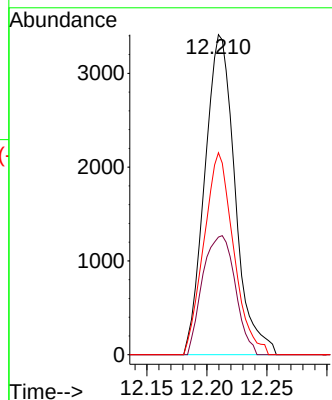
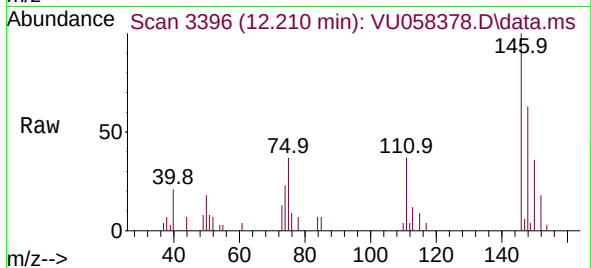
Tgt Ion:146 Resp: 5984

Ion Ratio Lower Upper

146 100

111 36.8 35.0 52.4

148 67.1 52.5 78.7



#68

1,2-Dibromo-3-chloropropane

Concen: 0.520 ug/L

RT: 12.994 min Scan# 3640

Delta R.T. 0.004 min

Lab File: VU058378.D

Acq: 04 Apr 2024 19:38

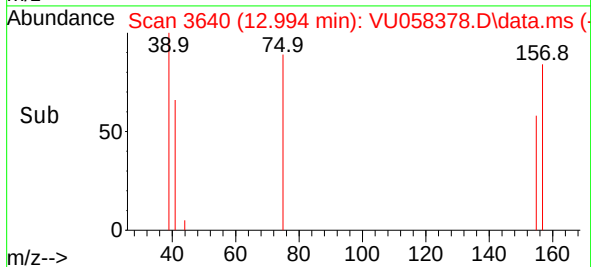
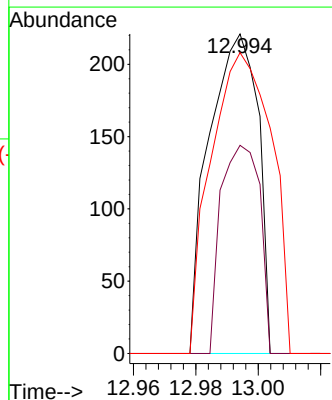
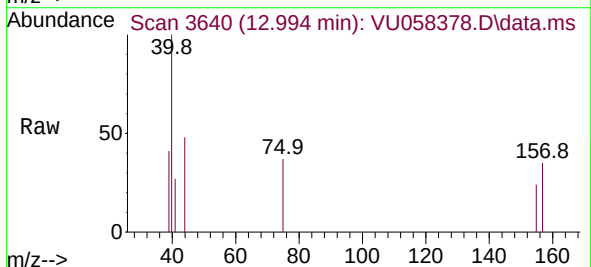
Tgt Ion: 75 Resp: 241

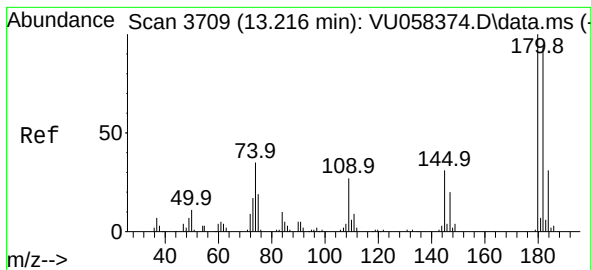
Ion Ratio Lower Upper

75 100

155 65.2 61.4 92.0

157 94.1 81.7 122.5





#69

1,3,5-Trichlorobenzene

Concen: 0.636 ug/L

RT: 13.219 min Scan# 31

Delta R.T. 0.004 min

Lab File: VU058378.D

Acq: 04 Apr 2024 19:38

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:180 Resp: 4637

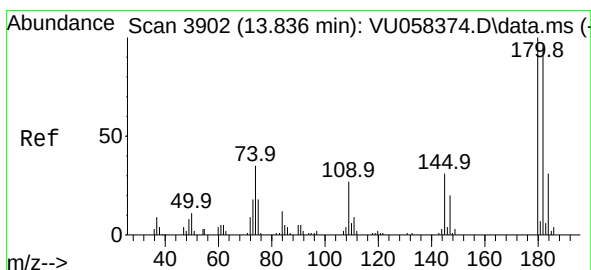
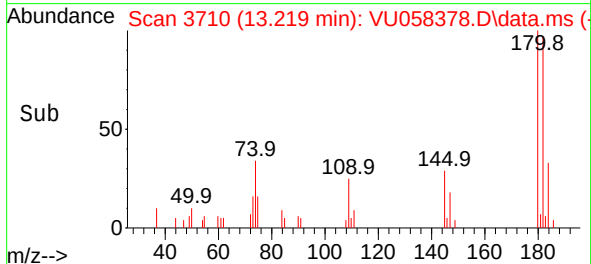
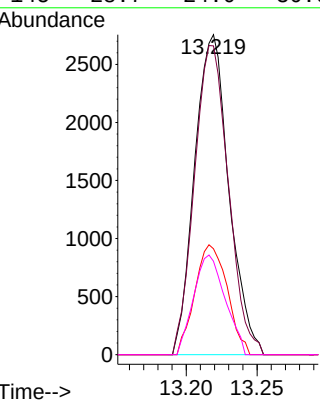
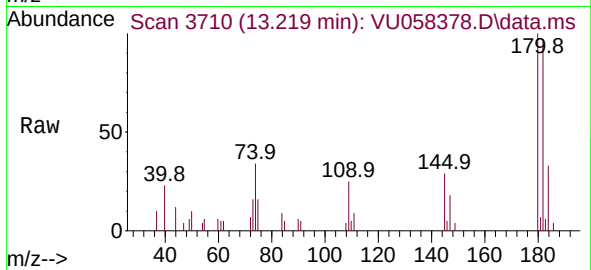
Ion Ratio Lower Upper

180 100

182 95.8 75.7 113.5

184 32.4 24.3 36.5

145 28.7 24.0 36.0



#70

1,2,4-trichlorobenzene

Concen: 0.774 ug/L

RT: 13.840 min Scan# 3903

Delta R.T. 0.004 min

Lab File: VU058378.D

Acq: 04 Apr 2024 19:38

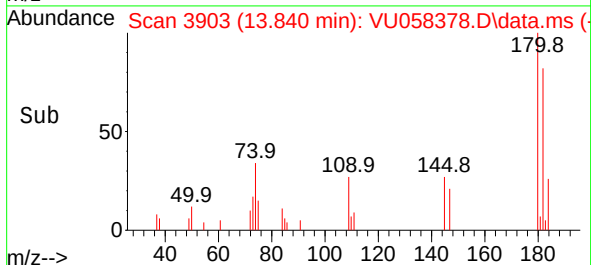
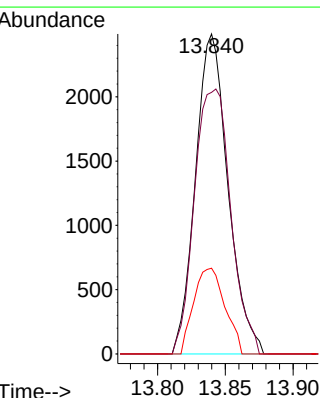
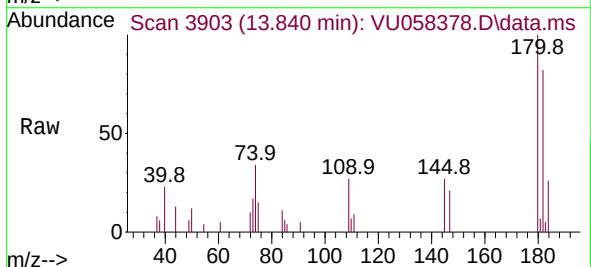
Tgt Ion:180 Resp: 4155

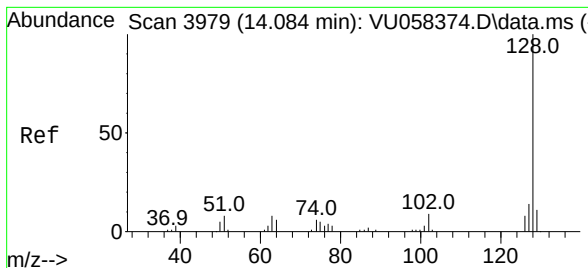
Ion Ratio Lower Upper

180 100

182 92.6 74.4 111.6

145 25.7 24.1 36.1





#71

Naphthalene

Concen: 0.919 ug/L

RT: 14.091 min Scan# 3981

Delta R.T. 0.007 min

Lab File: VU058378.D

Acq: 04 Apr 2024 19:38

Instrument :

MSVOA_U

ClientSampleId :

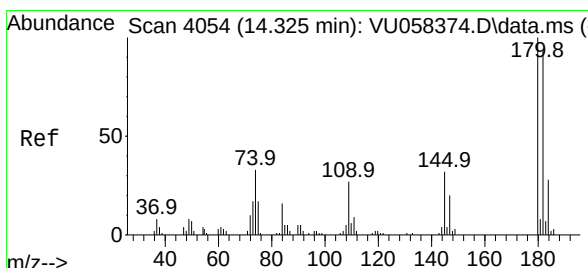
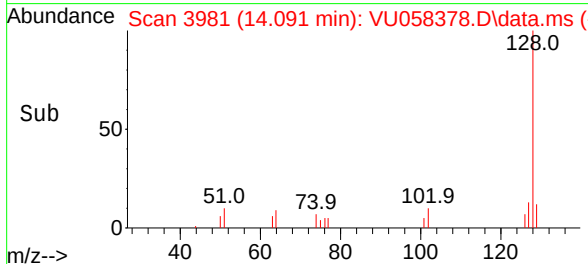
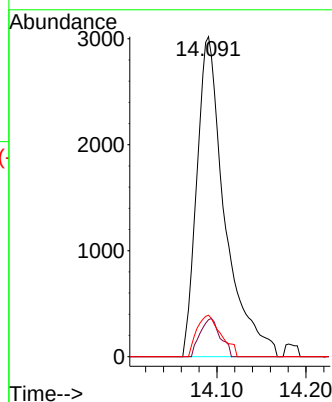
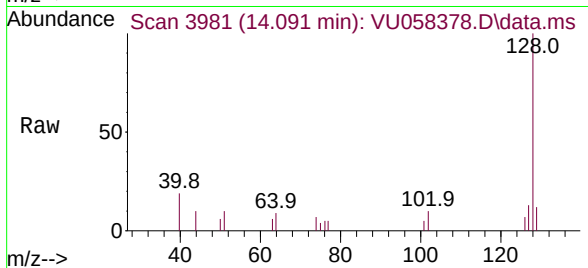
Tgt Ion:128 Resp: 6588

Ion Ratio Lower Upper

128 100

129 8.6 8.6 13.0#

127 11.2 11.0 16.6



#72

1,2,3-Trichlorobenzene

Concen: 0.789 ug/L

RT: 14.329 min Scan# 4055

Delta R.T. 0.004 min

Lab File: VU058378.D

Acq: 04 Apr 2024 19:38

Tgt Ion:180 Resp: 3469

Ion Ratio Lower Upper

180 100

182 93.9 75.9 113.9

145 27.8 25.2 37.8

