

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040424\
 Data File : VU058375.D
 Acq On : 04 Apr 2024 18:04
 Operator : MD/SY
 Sample : VSTD010
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 04 22:47:33 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	88345	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	85062	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	43579	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	59317	8.311	ug/L	0.00
7) Chloroethane-d5	1.907	69	51531	8.802	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.560	65	27334	9.152	ug/L	0.00
20) 2-Butanone-d5	4.624	46	130340	100.452	ug/L	0.00
24) Chloroform-d	5.052	84	119149	9.173	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.692	65	55609	9.214	ug/L	0.00
32) Benzene-d6	5.718	84	234869	8.752	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.682	67	73215	9.223	ug/L	0.00
41) Toluene-d8	7.891	98	212557	8.971	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.174	79	23871	9.329	ug/L	0.00
46) 2-Hexanone-d5	8.624	63	99480	96.040	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.746	84	48307	9.251	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.187	152	66963	8.463	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.380	85	74763	17.112	ug/L	100
3) Chloromethane	1.515	50	87189	15.912	ug/L	100
5) Vinyl chloride	1.599	62	88410	15.158	ug/L	100
6) Bromomethane	1.853	94	42119	14.093	ug/L	99
8) Chloroethane	1.930	64	55500	14.847	ug/L	100
9) Trichlorofluoromethane	2.133	101	117262	13.051	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	71097	12.596	ug/L	98
12) 1,1-Dichloroethene	2.573	96	61600	12.844	ug/L	97
13) Acetone	2.641	43	97110	107.543	ug/L	99
14) Carbon disulfide	2.785	76	194563	16.561	ug/L	99
15) Methyl Acetate	2.949	43	24607	12.804	ug/L	98
16) Methylene chloride	3.036	84	76438	11.208	ug/L	97
17) Methyl tert-butyl Ether	3.351	73	149053	11.940	ug/L	100
18) trans-1,2-Dichloroethene	3.345	96	65600	12.992	ug/L	97
19) 1,1-Dichloroethane	3.859	63	142510	12.824	ug/L	98
21) 2-Butanone	4.702	43	153667	112.375	ug/L	94
22) cis-1,2-Dichloroethene	4.657	96	74641	12.348	ug/L	99
23) Bromochloromethane	4.965	128	30089	13.246	ug/L	98
25) Chloroform	5.078	83	138735	12.059	ug/L	99
27) 1,2-Dichloroethane	5.785	62	84607	12.761	ug/L	98
29) 1,1,1-Trichloroethane	5.306	97	113840	12.216	ug/L	99
30) Cyclohexane	5.380	56	124681	14.502	ug/L	99
31) Carbon tetrachloride	5.515	117	97995	12.266	ug/L	100
33) Benzene	5.766	78	306120	12.753	ug/L	100
34) Trichloroethene	6.534	95	76340	12.284	ug/L	99
35) Methylcyclohexane	6.756	83	122024	13.643	ug/L	99
37) 1,2-Dichloropropane	6.782	63	80634	12.102	ug/L	100
38) Bromodichloromethane	7.097	83	95215	12.545	ug/L	99
39) cis-1,3-Dichloropropene	7.599	75	107864	12.867	ug/L	98
40) 4-Methyl-2-pentanone	7.782	43	388410	117.143	ug/L	99
42) Toluene	7.962	91	324379	12.788	ug/L	100
44) trans-1,3-Dichloropropene	8.203	75	85549	12.988	ug/L	99

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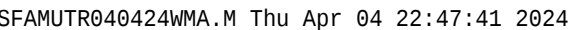
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 MSVOA_U
 ClientSampleId :

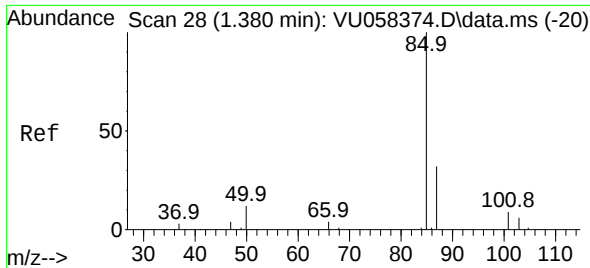
Quant Time: Apr 04 22:47:33 2024
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 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Apr 04 22:45:00 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	8.393	97	47593	11.527	ug/L	99
47) Tetrachloroethene	8.547	164	55943	13.199	ug/L	98
48) 2-Hexanone	8.676	43	283427	117.029	ug/L	99
49) Dibromochloromethane	8.801	129	55793	12.256	ug/L	97
50) 1,2-Dibromoethane	8.917	107	43004	12.094	ug/L #	98
51) Chlorobenzene	9.441	112	193628	12.035	ug/L	98
52) Ethylbenzene	9.563	91	351111	12.511	ug/L	99
53) m,p-Xylene	9.685	106	129118	12.856	ug/L	100
54) o-Xylene	10.094	106	128080	12.764	ug/L	99
55) Styrene	10.106	104	208770	13.107	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.775	83	59024	12.129	ug/L	100
59) Bromoform	10.283	173	29131	11.923	ug/L	97
60) Isopropylbenzene	10.476	105	324045	11.725	ug/L	100
61) 1,2,3-Trichloropropane	10.814	75	42275	10.957	ug/L	99
62) 1,3,5-Trimethylbenzene	11.081	105	271661	11.774	ug/L	99
63) 1,2,4-Trimethylbenzene	11.460	105	278343	12.050	ug/L	100
64) 1,3-Dichlorobenzene	11.740	146	148243	11.516	ug/L	99
65) 1,4-Dichlorobenzene	11.830	146	142571	11.464	ug/L	99
67) 1,2-Dichlorobenzene	12.206	146	136483	11.498	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.991	75	8200	14.144	ug/L	93
69) 1,3,5-Trichlorobenzene	13.212	180	110904	12.160	ug/L	99
70) 1,2,4-trichlorobenzene	13.833	180	82878	12.353	ug/L	98
71) Naphthalene	14.081	128	108724	12.128	ug/L	98
72) 1,2,3-Trichlorobenzene	14.325	180	68639	12.476	ug/L	99

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

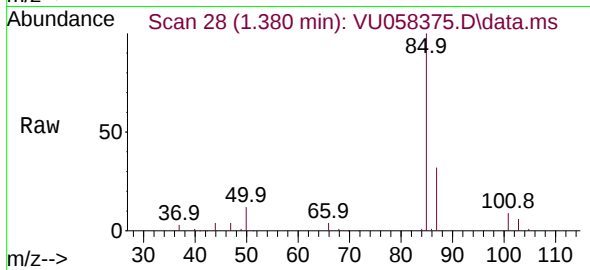
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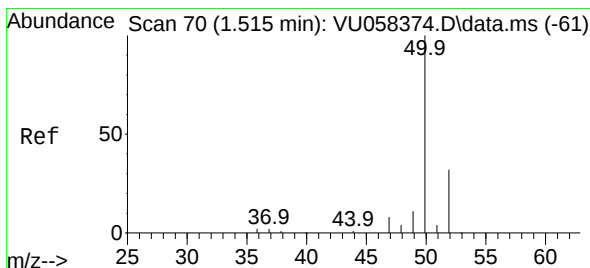
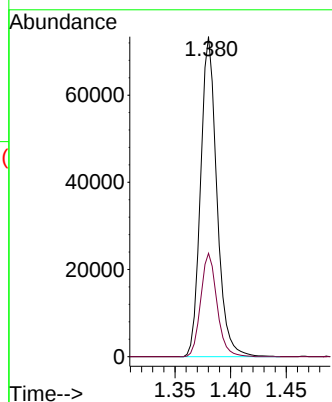
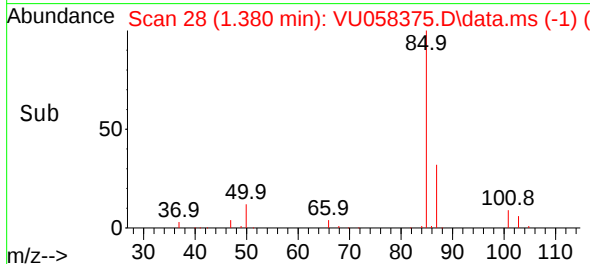


#2
 Dichlorodifluoromethane
 Concen: 17.112 ug/L
 RT: 1.380 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VU058375.D
 Acq: 04 Apr 2024 18:04

Instrument :
 MSVOA_U
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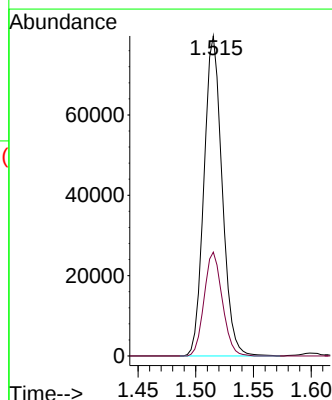
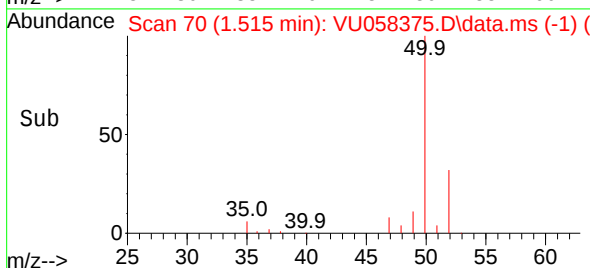
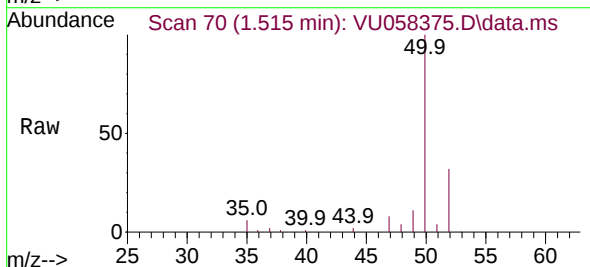


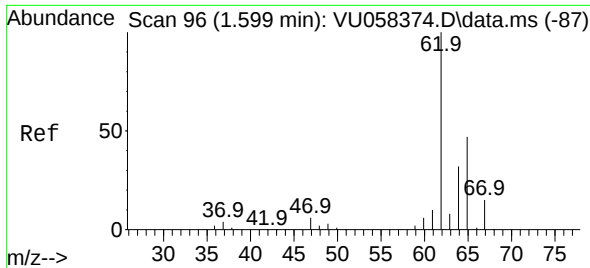
Tgt Ion: 85 Resp: 74763
 Ion Ratio Lower Upper
 85 100
 87 32.2 25.9 38.9



#3
 Chloromethane
 Concen: 15.912 ug/L
 RT: 1.515 min Scan# 70
 Delta R.T. 0.000 min
 Lab File: VU058375.D
 Acq: 04 Apr 2024 18:04

Tgt Ion: 50 Resp: 87189
 Ion Ratio Lower Upper
 50 100
 52 32.4 22.6 42.0

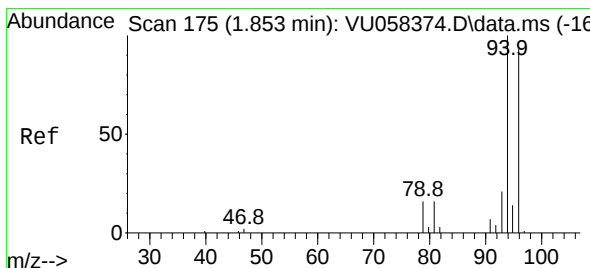
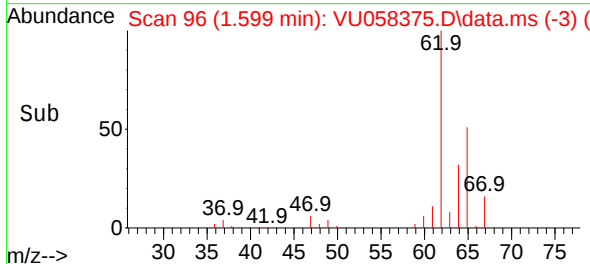
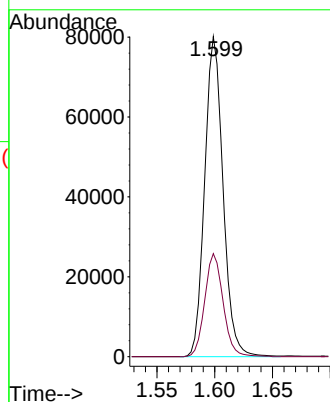
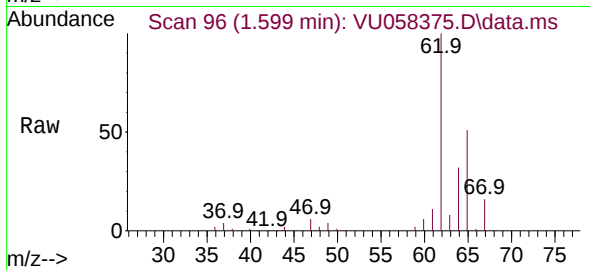




#5
 Vinyl chloride
 Concen: 15.158 ug/L
 RT: 1.599 min Scan# 96
 Delta R.T. 0.000 min
 Lab File: VU058375.D
 Acq: 04 Apr 2024 18:04

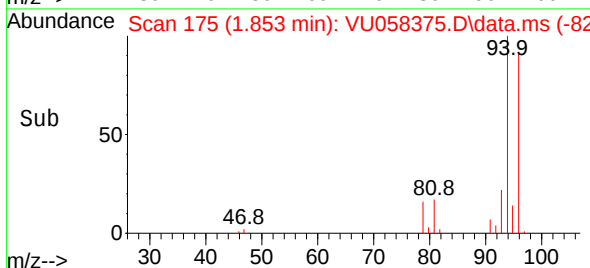
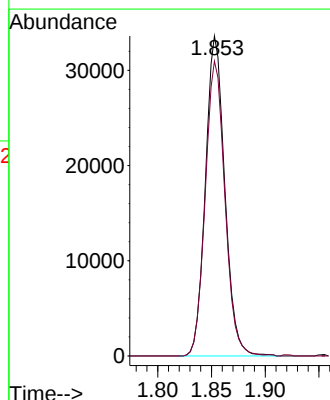
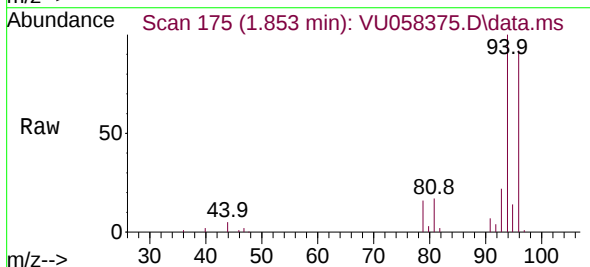
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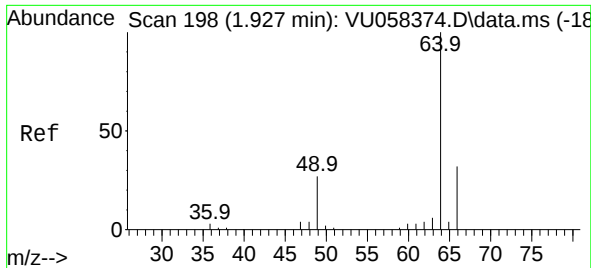
Tgt Ion: 62 Resp: 88410
 Ion Ratio Lower Upper
 62 100
 64 32.2 22.6 42.0



#6
 Bromomethane
 Concen: 14.093 ug/L
 RT: 1.853 min Scan# 175
 Delta R.T. 0.000 min
 Lab File: VU058375.D
 Acq: 04 Apr 2024 18:04

Tgt Ion: 94 Resp: 42119
 Ion Ratio Lower Upper
 94 100
 96 92.1 65.4 121.4

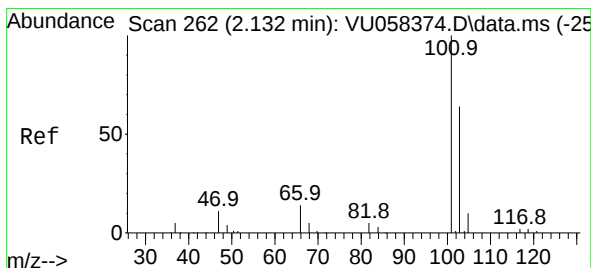
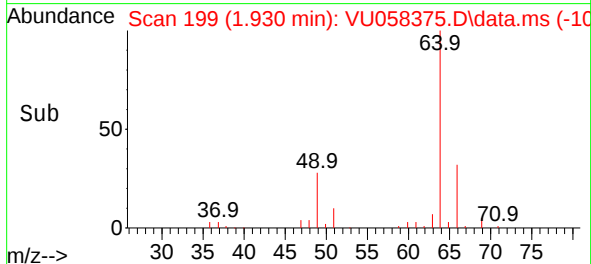
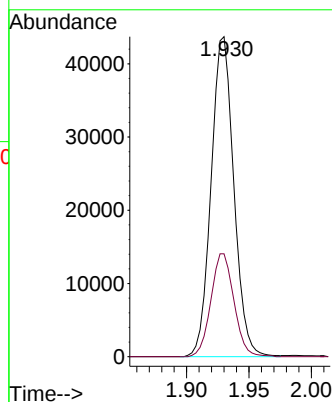
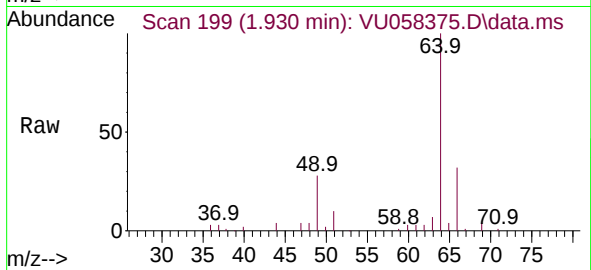




#8
Chloroethane
Concen: 14.847 ug/L
RT: 1.930 min Scan# 198
Delta R.T. 0.003 min
Lab File: VU058375.D
Acq: 04 Apr 2024 18:04

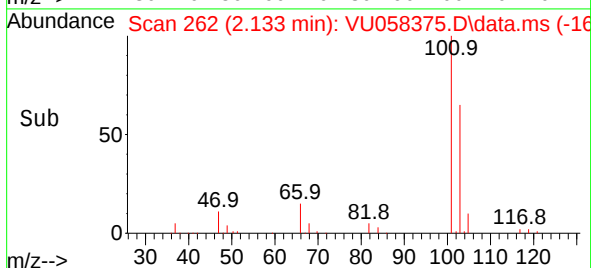
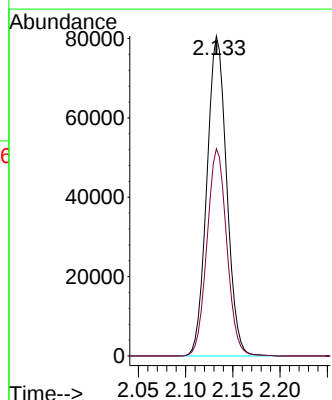
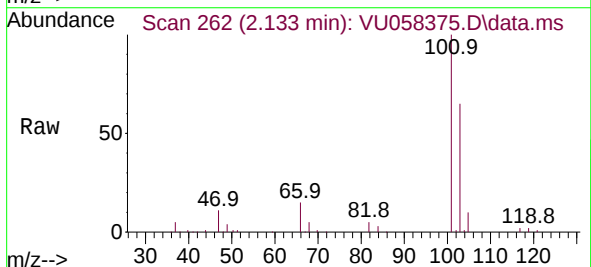
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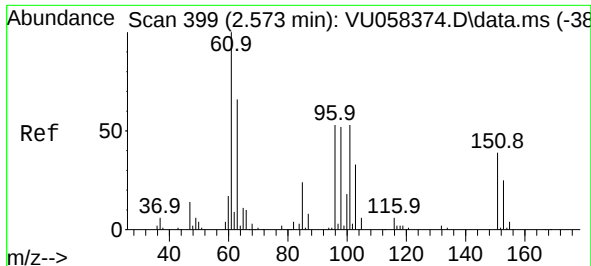
Tgt Ion: 64 Resp: 55500
Ion Ratio Lower Upper
64 100
66 32.1 22.5 41.9



#9
Trichlorofluoromethane
Concen: 13.051 ug/L
RT: 2.133 min Scan# 262
Delta R.T. 0.000 min
Lab File: VU058375.D
Acq: 04 Apr 2024 18:04

Tgt Ion:101 Resp: 117262
Ion Ratio Lower Upper
101 100
103 64.8 51.2 76.8

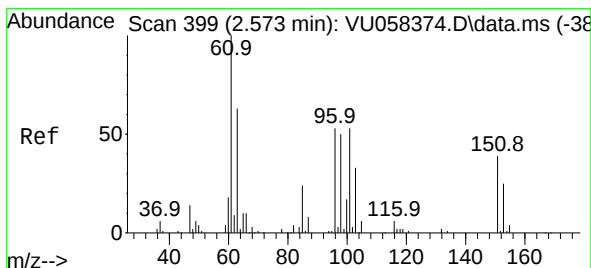
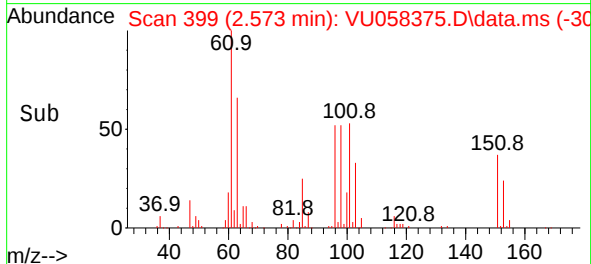
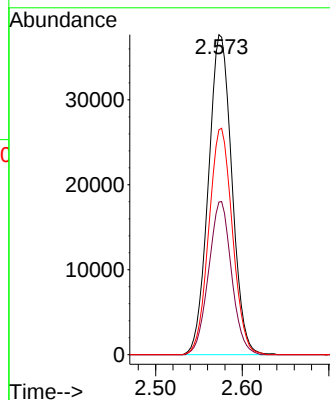
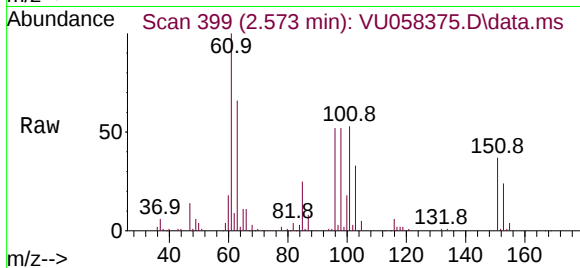




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 12.596 ug/L
RT: 2.573 min Scan# 399
Delta R.T. 0.000 min
Lab File: VU058375.D
Acq: 04 Apr 2024 18:04

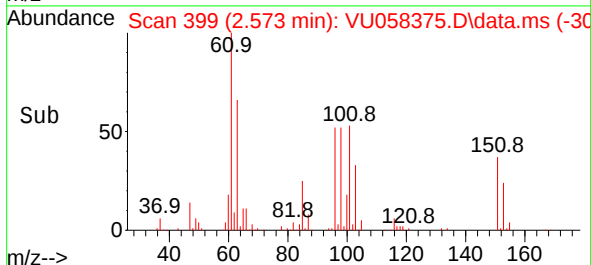
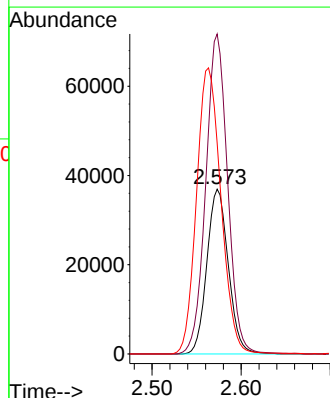
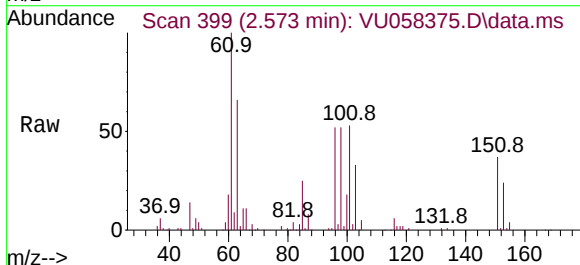
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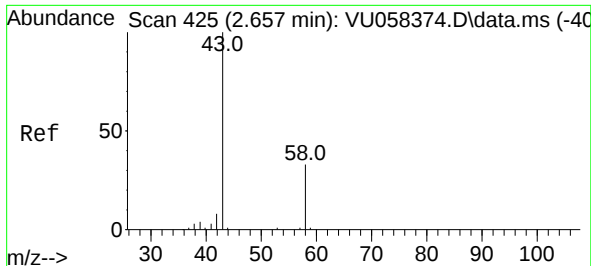
Tgt Ion:101 Resp: 71097
Ion Ratio Lower Upper
101 100
85 46.6 36.8 55.2
151 71.1 58.2 87.4



#12
1,1-Dichloroethene
Concen: 12.844 ug/L
RT: 2.573 min Scan# 399
Delta R.T. 0.000 min
Lab File: VU058375.D
Acq: 04 Apr 2024 18:04

Tgt Ion: 96 Resp: 61600
Ion Ratio Lower Upper
96 100
61 194.1 132.5 246.1
63 127.9 87.7 162.9





#13

Acetone

Concen: 107.543 ug/L

RT: 2.641 min Scan# 41

Delta R.T. -0.016 min

Lab File: VU058375.D

Acq: 04 Apr 2024 18:04

Instrument :

MSVOA_U

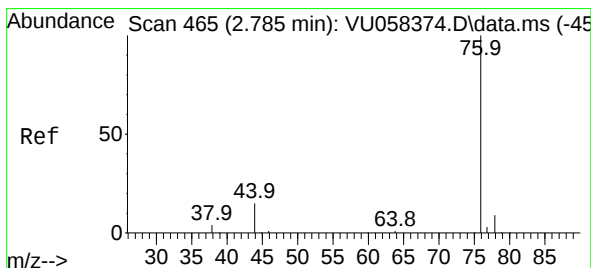
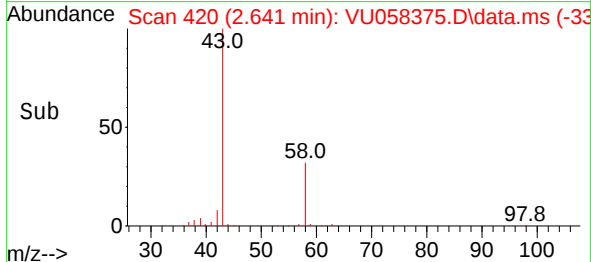
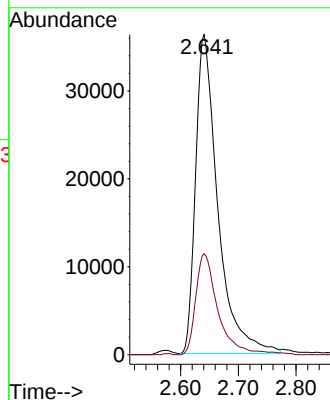
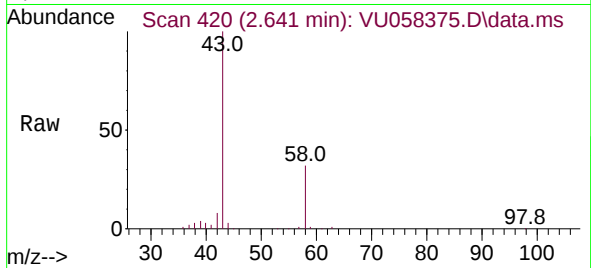
ClientSampleId :

Tgt Ion: 43 Resp: 97110

Ion Ratio Lower Upper

43 100

58 31.3 0.0 61.4



#14

Carbon disulfide

Concen: 16.561 ug/L

RT: 2.785 min Scan# 465

Delta R.T. 0.000 min

Lab File: VU058375.D

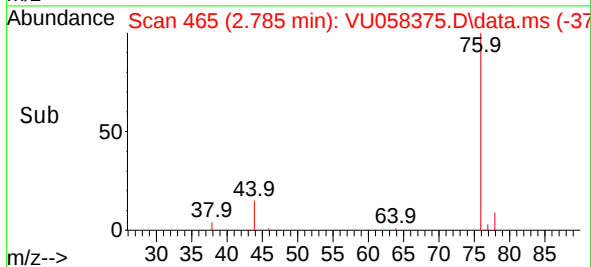
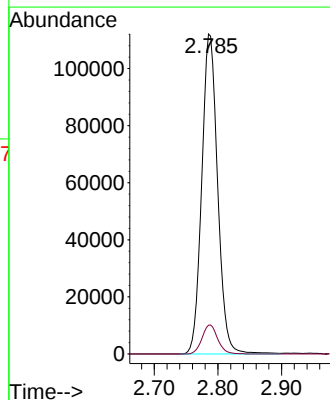
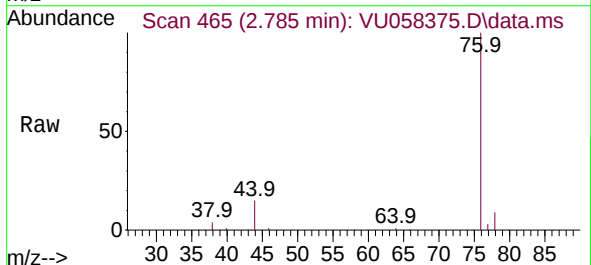
Acq: 04 Apr 2024 18:04

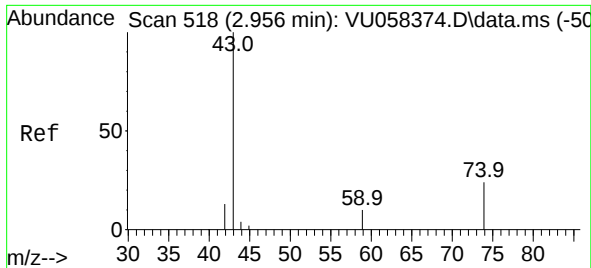
Tgt Ion: 76 Resp: 194563

Ion Ratio Lower Upper

76 100

78 9.0 7.5 11.3

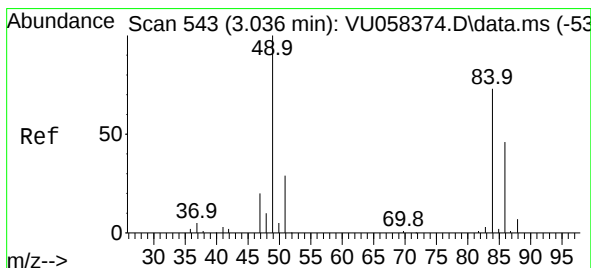
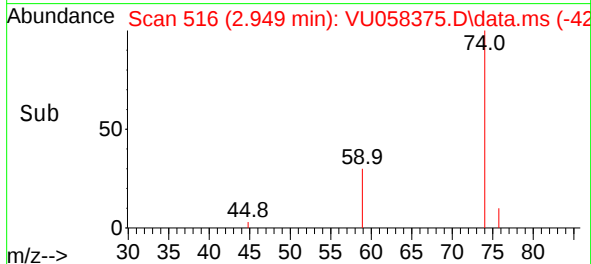
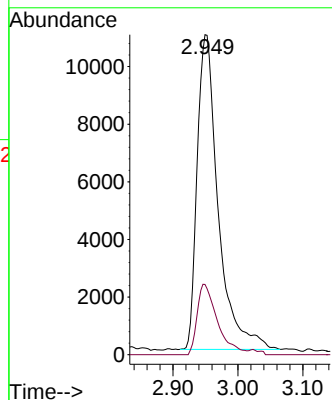
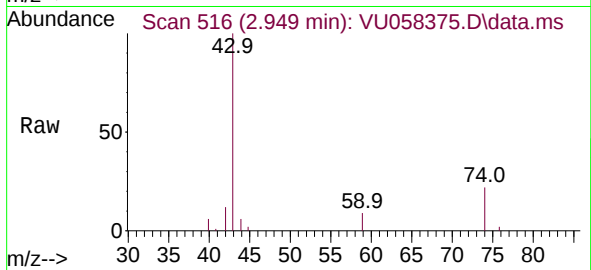




#15
Methyl Acetate
Concen: 12.804 ug/L
RT: 2.949 min Scan# 518
Delta R.T. -0.006 min
Lab File: VU058375.D
Acq: 04 Apr 2024 18:04

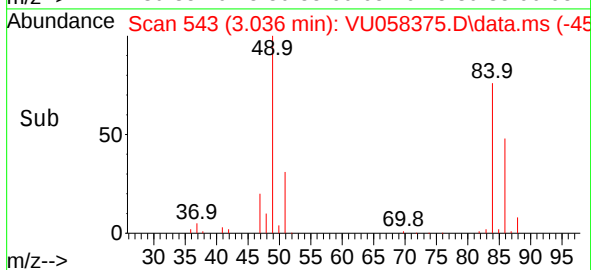
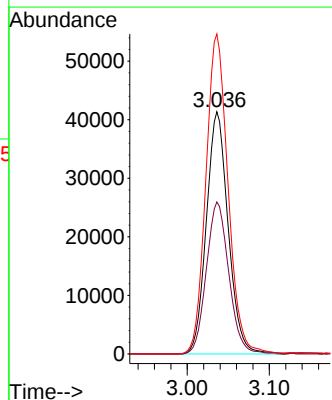
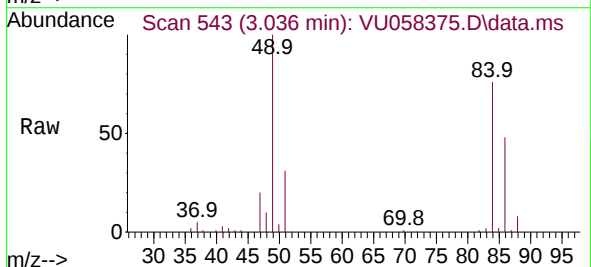
Instrument :
MSVOA_U
ClientSampleId :

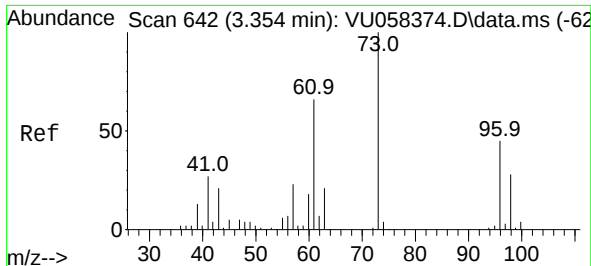
Tgt Ion: 43 Resp: 24607
Ion Ratio Lower Upper
43 100
74 21.5 16.6 25.0



#16
Methylene chloride
Concen: 11.208 ug/L
RT: 3.036 min Scan# 543
Delta R.T. 0.000 min
Lab File: VU058375.D
Acq: 04 Apr 2024 18:04

Tgt Ion: 84 Resp: 76438
Ion Ratio Lower Upper
84 100
86 62.8 44.3 82.3
49 132.1 96.0 178.2

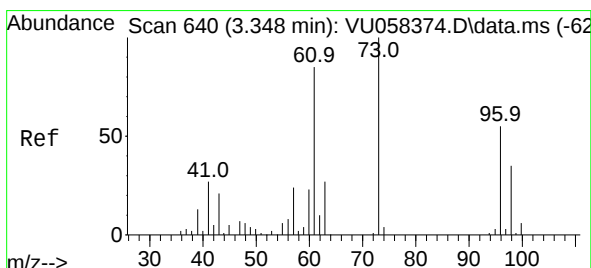
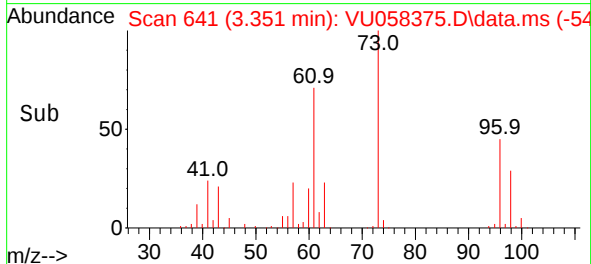
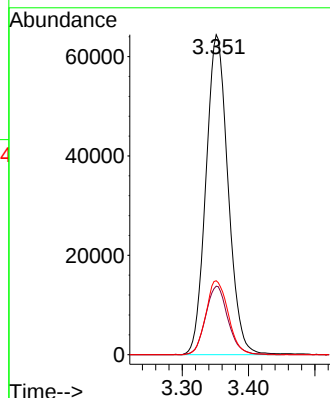
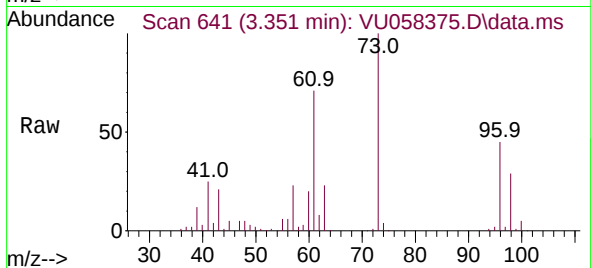




#17
Methyl tert-butyl Ether
Concen: 11.940 ug/L
RT: 3.351 min Scan# 641
Delta R.T. -0.003 min
Lab File: VU058375.D
Acq: 04 Apr 2024 18:04

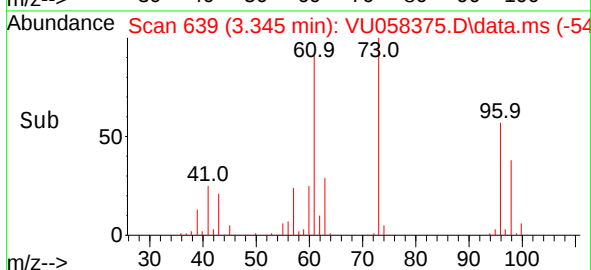
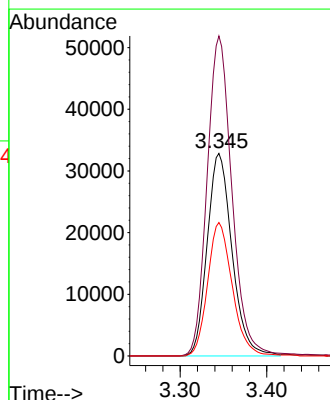
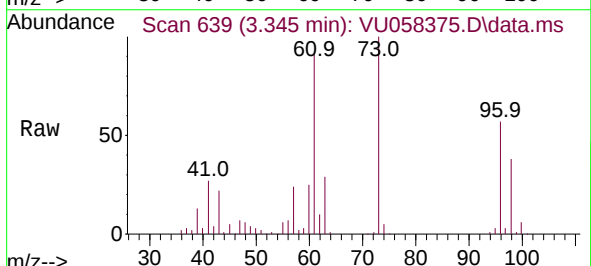
Instrument :
MSVOA_U
ClientSampleId :

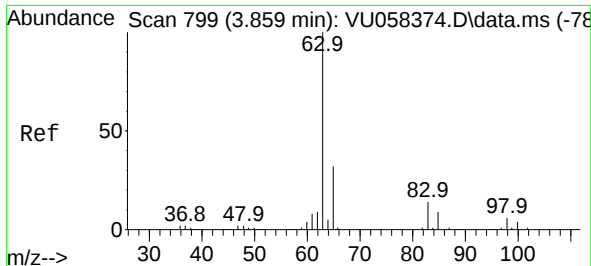
Tgt Ion: 73 Resp: 149053
Ion Ratio Lower Upper
73 100
43 21.7 17.4 26.2
57 23.5 18.6 27.8



#18
trans-1,2-Dichloroethene
Concen: 12.992 ug/L
RT: 3.345 min Scan# 639
Delta R.T. -0.003 min
Lab File: VU058375.D
Acq: 04 Apr 2024 18:04

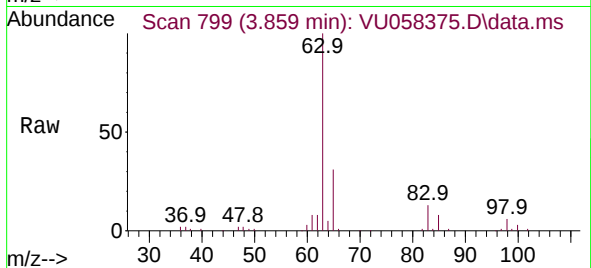
Tgt Ion: 96 Resp: 65600
Ion Ratio Lower Upper
96 100
61 157.9 107.6 199.8
98 65.8 45.1 83.7



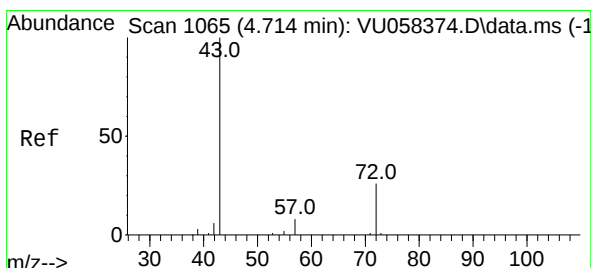
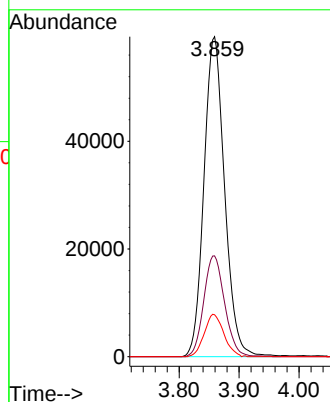
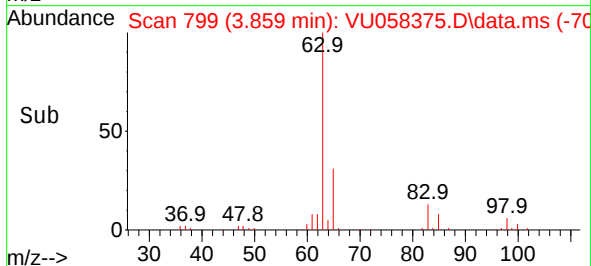


#19
1,1-Dichloroethane
Concen: 12.824 ug/L
RT: 3.859 min Scan# 799
Delta R.T. 0.000 min
Lab File: VU058375.D
Acq: 04 Apr 2024 18:04

Instrument :
MSVOA_U
ClientSampleId :

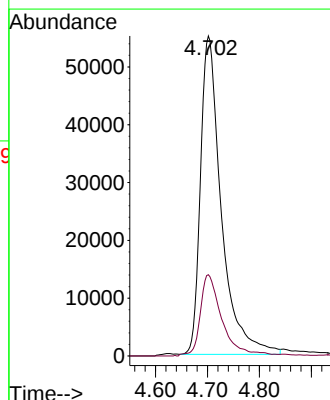
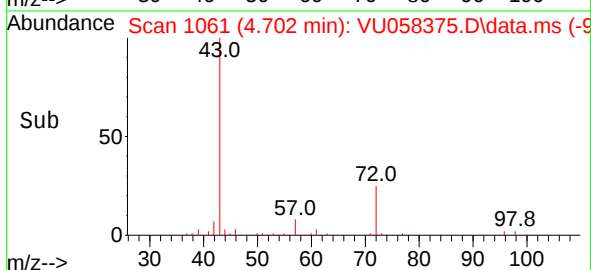
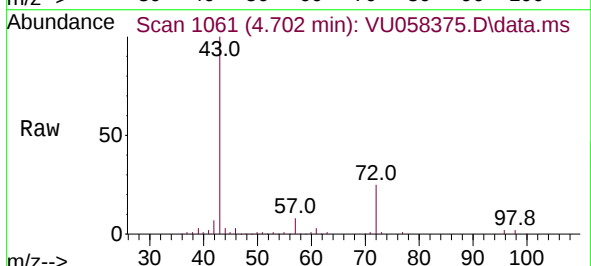


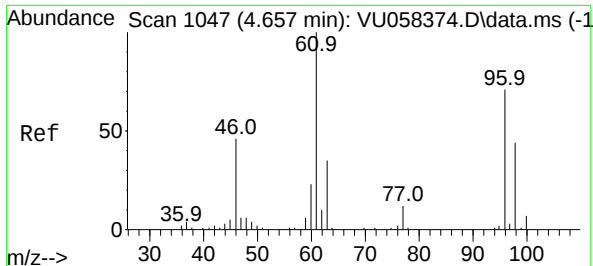
Tgt Ion: 63 Resp: 142510
Ion Ratio Lower Upper
63 100
65 31.5 22.9 42.5
83 13.1 9.6 17.8



#21
2-Butanone
Concen: 112.375 ug/L
RT: 4.702 min Scan# 1061
Delta R.T. -0.013 min
Lab File: VU058375.D
Acq: 04 Apr 2024 18:04

Tgt Ion: 43 Resp: 153667
Ion Ratio Lower Upper
43 100
72 26.4 11.7 35.0

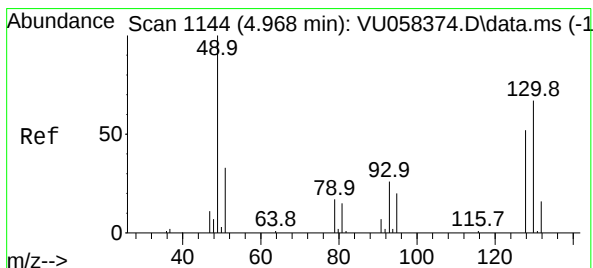
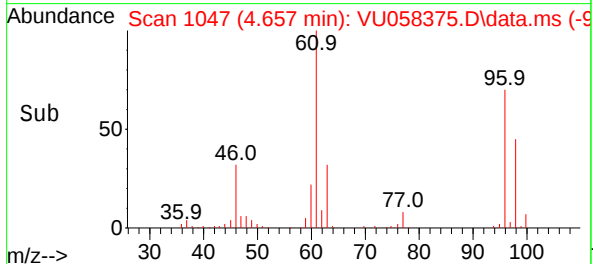
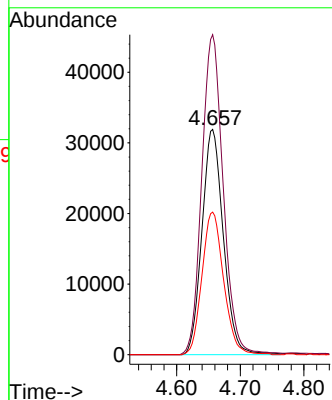
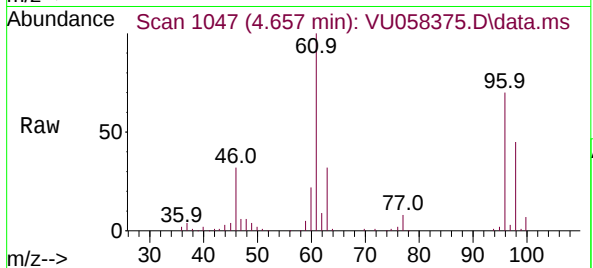




#22
 cis-1,2-Dichloroethene
 Concen: 12.348 ug/L
 RT: 4.657 min Scan# 1047
 Delta R.T. 0.000 min
 Lab File: VU058375.D
 Acq: 04 Apr 2024 18:04

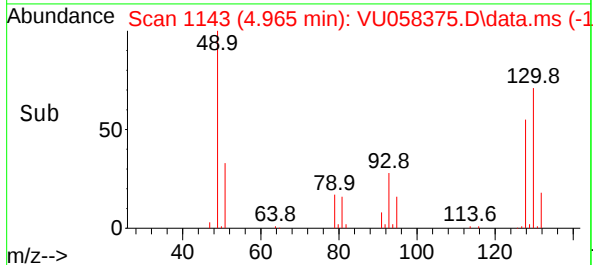
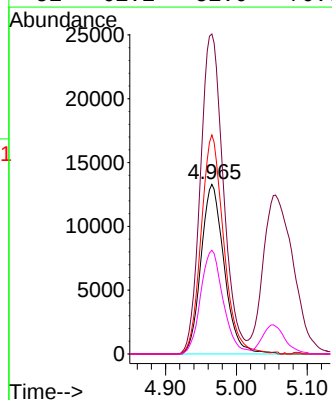
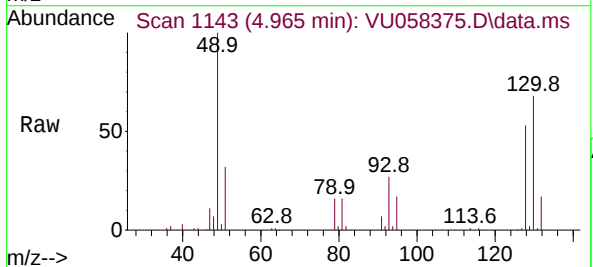
Instrument :
 MSVOA_U
 ClientSampleId :

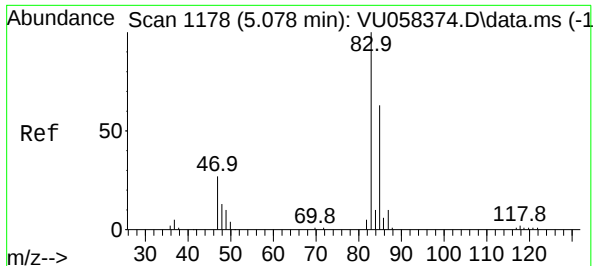
Tgt Ion: 96 Resp: 74641
 Ion Ratio Lower Upper
 96 100
 61 142.1 98.1 182.3
 98 63.3 43.6 81.0



#23
 Bromochloromethane
 Concen: 13.246 ug/L
 RT: 4.965 min Scan# 1143
 Delta R.T. -0.003 min
 Lab File: VU058375.D
 Acq: 04 Apr 2024 18:04

Tgt Ion:128 Resp: 30089
 Ion Ratio Lower Upper
 128 100
 49 188.6 134.4 249.6
 130 129.1 90.0 167.2
 51 61.1 51.0 76.6





#25

Chloroform

Concen: 12.059 ug/L

RT: 5.078 min Scan# 1178

Delta R.T. 0.000 min

Lab File: VU058375.D

Acq: 04 Apr 2024 18:04

Instrument :

MSVOA_U

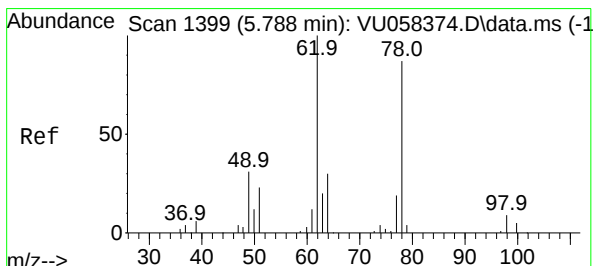
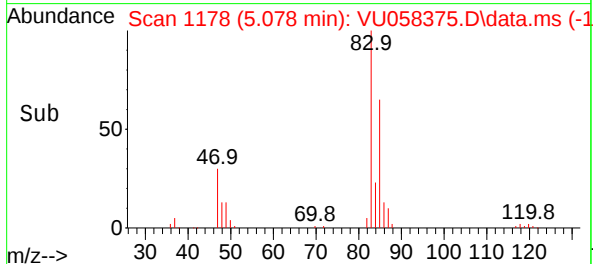
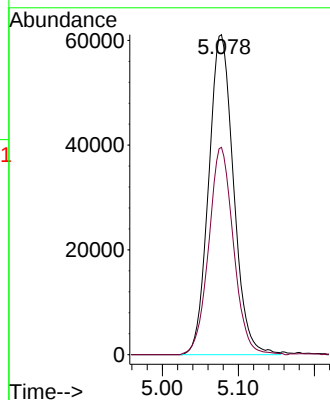
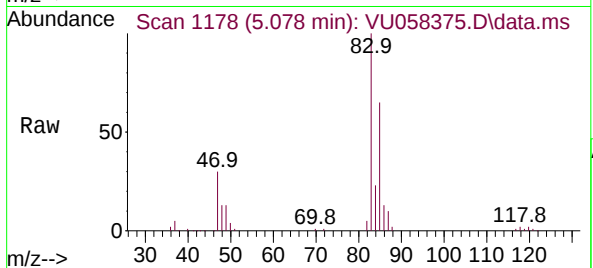
ClientSampleId :

Tgt Ion: 83 Resp: 138735

Ion Ratio Lower Upper

83 100

85 64.8 44.7 83.1



#27

1,2-Dichloroethane

Concen: 12.761 ug/L

RT: 5.785 min Scan# 1398

Delta R.T. -0.003 min

Lab File: VU058375.D

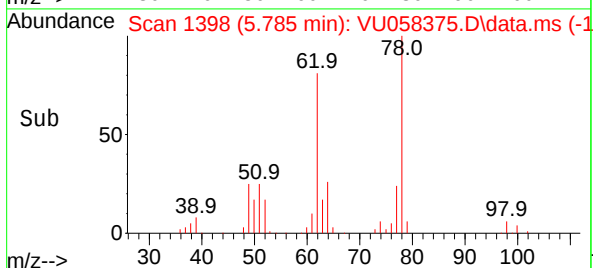
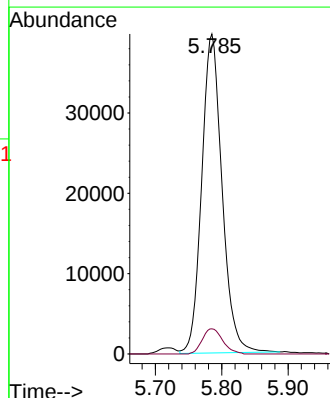
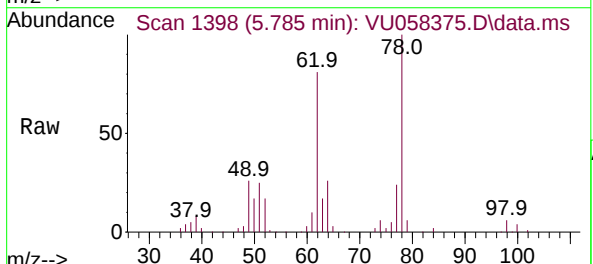
Acq: 04 Apr 2024 18:04

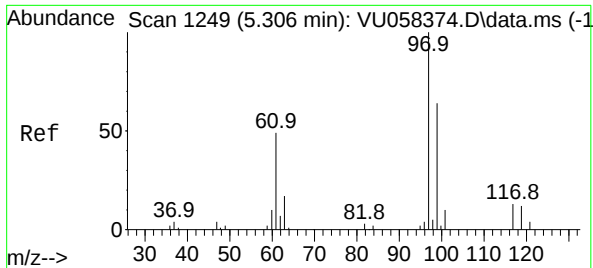
Tgt Ion: 62 Resp: 84607

Ion Ratio Lower Upper

62 100

98 7.8 7.0 10.4

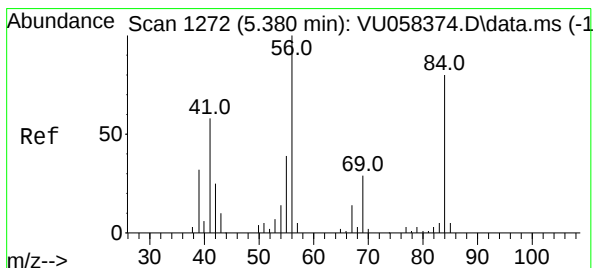
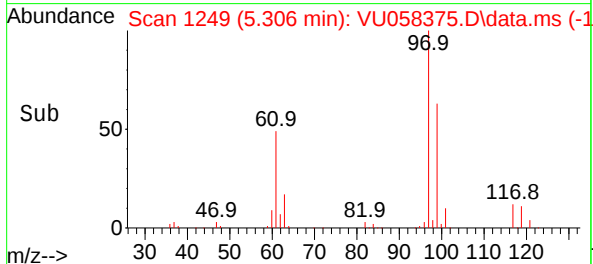
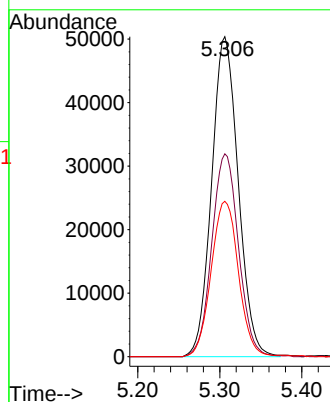
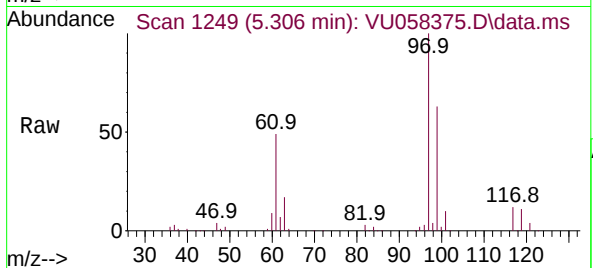




#29
1,1,1-Trichloroethane
Concen: 12.216 ug/L
RT: 5.306 min Scan# 1249
Delta R.T. 0.000 min
Lab File: VU058375.D
Acq: 04 Apr 2024 18:04

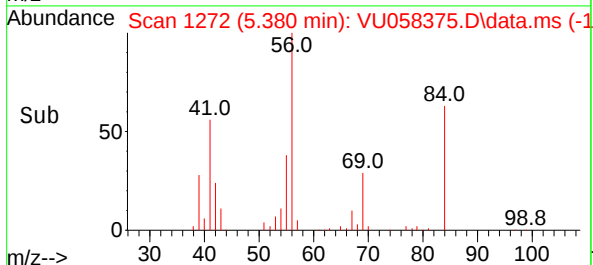
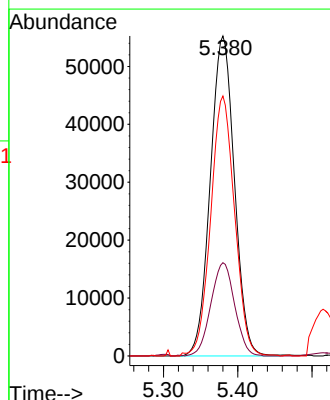
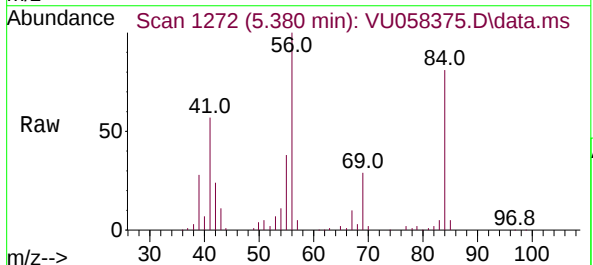
Instrument :
MSVOA_U
ClientSampleId :

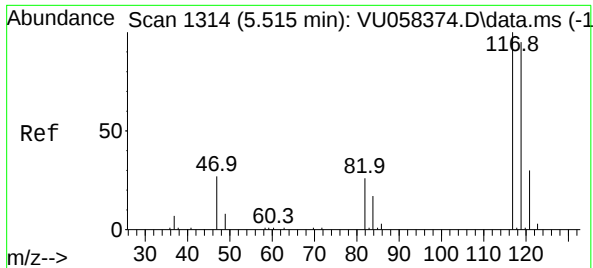
Tgt Ion: 97 Resp: 113840
Ion Ratio Lower Upper
97 100
99 63.7 50.4 75.6
61 49.8 39.4 59.0



#30
Cyclohexane
Concen: 14.502 ug/L
RT: 5.380 min Scan# 1272
Delta R.T. 0.000 min
Lab File: VU058375.D
Acq: 04 Apr 2024 18:04

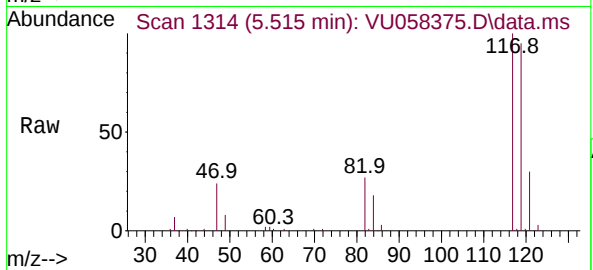
Tgt Ion: 56 Resp: 124681
Ion Ratio Lower Upper
56 100
69 28.7 23.2 34.8
84 80.6 63.3 94.9



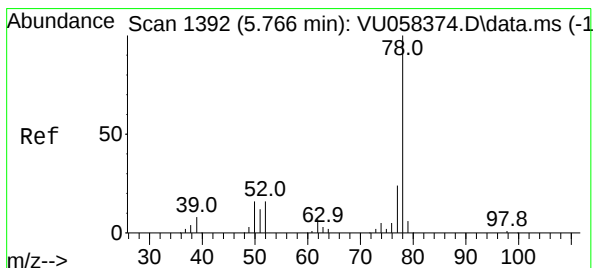
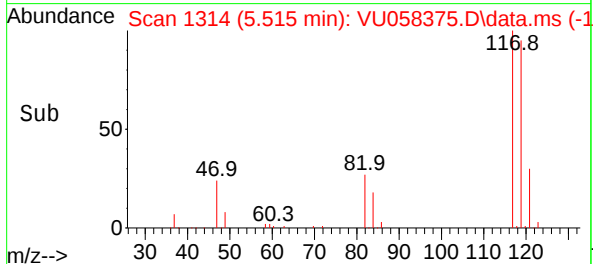
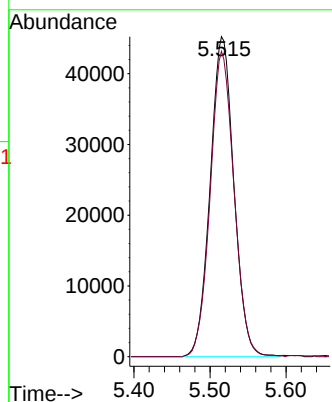


#31
Carbon tetrachloride
Concen: 12.266 ug/L
RT: 5.515 min Scan# 1314
Delta R.T. 0.000 min
Lab File: VU058375.D
Acq: 04 Apr 2024 18:04

Instrument :
MSVOA_U
ClientSampleId :

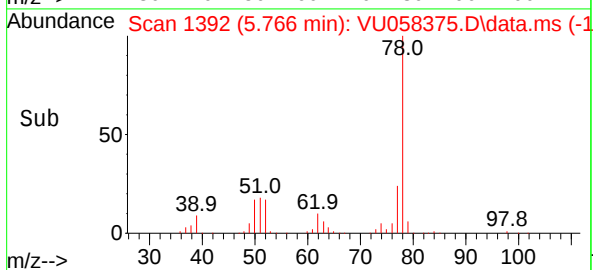
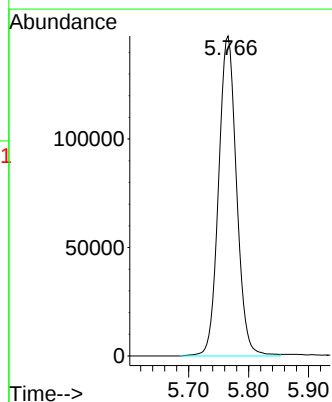
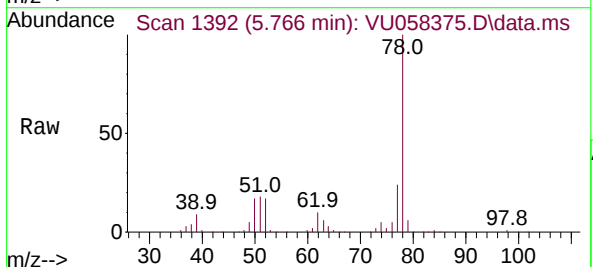


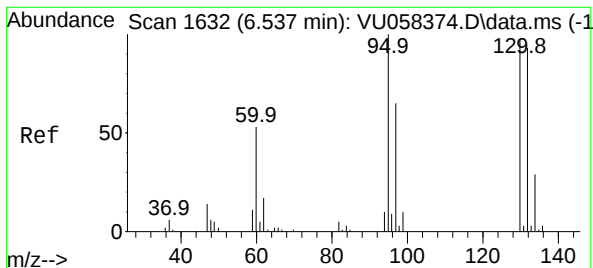
Tgt Ion:117 Resp: 97995
Ion Ratio Lower Upper
117 100
119 95.8 76.7 115.1



#33
Benzene
Concen: 12.753 ug/L
RT: 5.766 min Scan# 1392
Delta R.T. 0.000 min
Lab File: VU058375.D
Acq: 04 Apr 2024 18:04

Tgt Ion: 78 Resp: 306120





#34

Trichloroethene

Concen: 12.284 ug/L

RT: 6.534 min Scan# 1

Delta R.T. -0.003 min

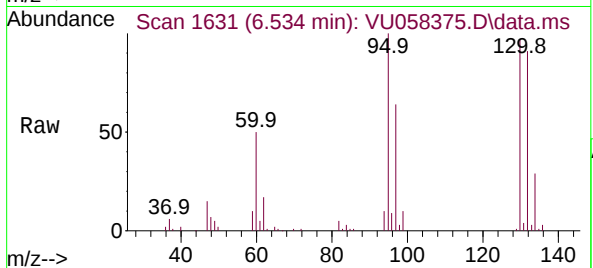
Lab File: VU058375.D

Acq: 04 Apr 2024 18:04

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion: 95 Resp: 76340

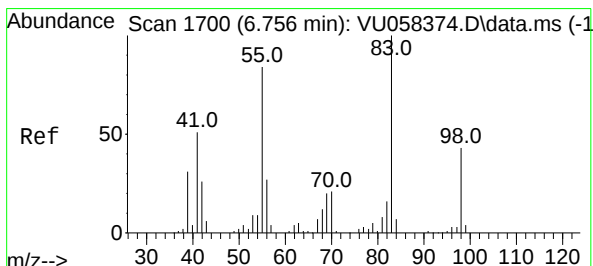
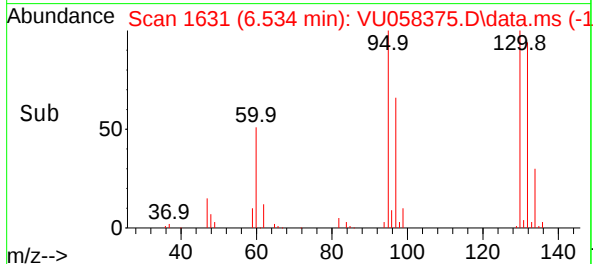
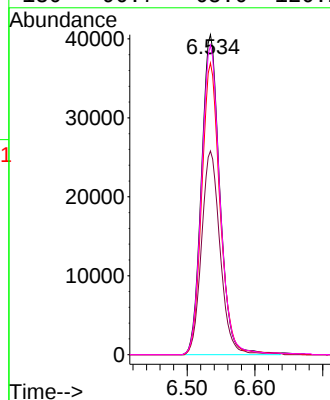
Ion Ratio Lower Upper

95 100

97 63.6 45.6 84.6

132 91.2 64.8 120.3

130 96.7 68.0 126.2



#35

Methylcyclohexane

Concen: 13.643 ug/L

RT: 6.756 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VU058375.D

Acq: 04 Apr 2024 18:04

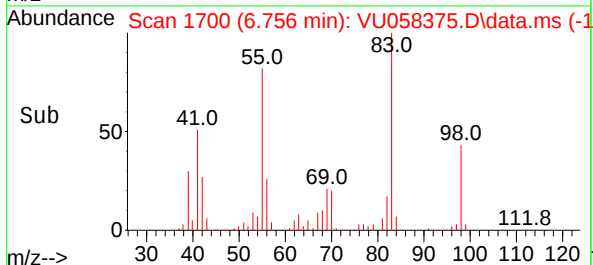
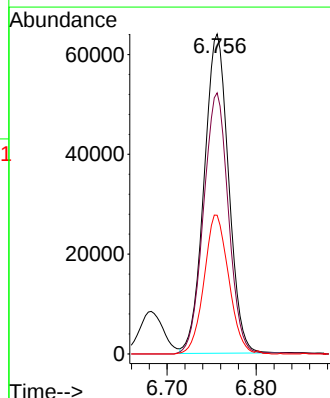
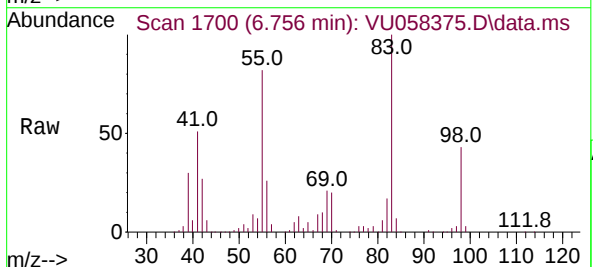
Tgt Ion: 83 Resp: 122024

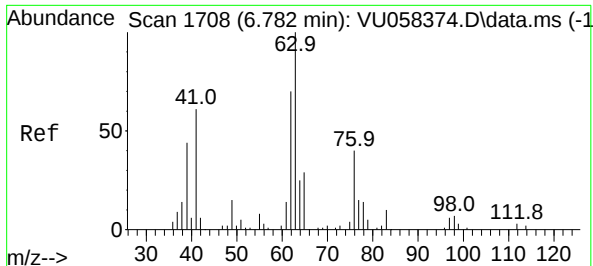
Ion Ratio Lower Upper

83 100

55 83.3 66.2 99.4

98 43.8 34.6 52.0

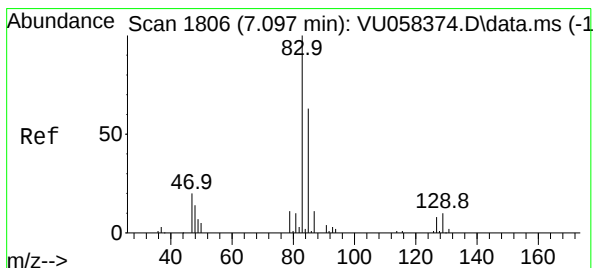
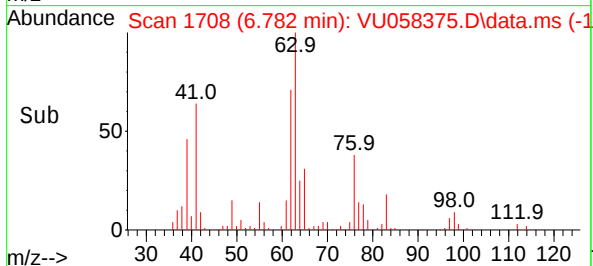
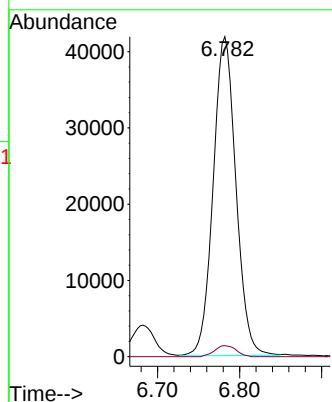
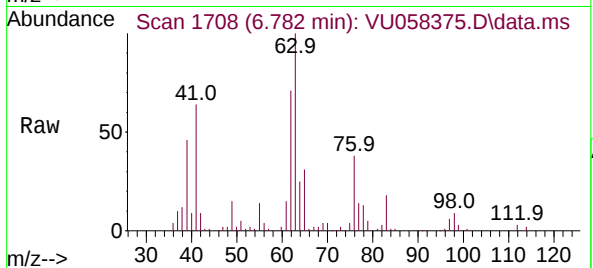




#37
1,2-Dichloropropane
Concen: 12.102 ug/L
RT: 6.782 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU058375.D
Acq: 04 Apr 2024 18:04

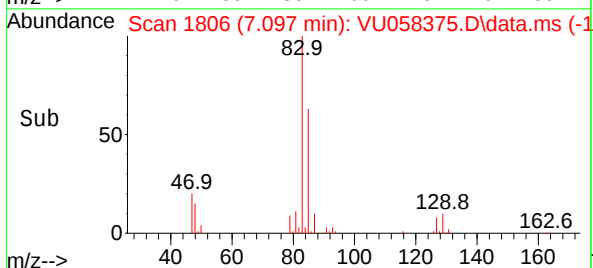
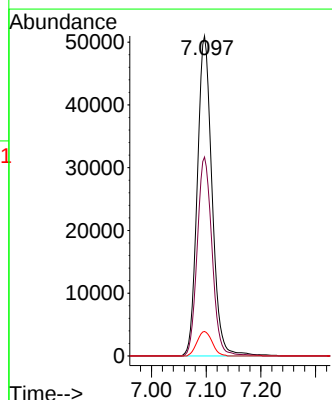
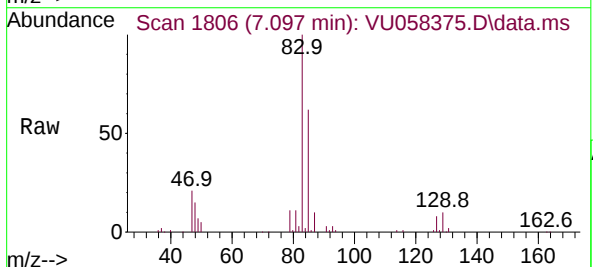
Instrument :
MSVOA_U
ClientSampleId :

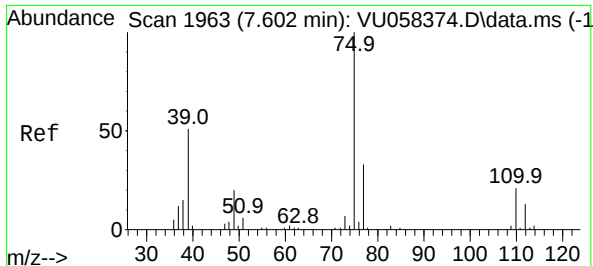
Tgt Ion: 63 Resp: 80634
Ion Ratio Lower Upper
63 100
112 3.3 2.6 4.0



#38
Bromodichloromethane
Concen: 12.545 ug/L
RT: 7.097 min Scan# 1806
Delta R.T. 0.000 min
Lab File: VU058375.D
Acq: 04 Apr 2024 18:04

Tgt Ion: 83 Resp: 95215
Ion Ratio Lower Upper
83 100
85 62.2 44.2 82.2
127 7.6 6.5 9.7

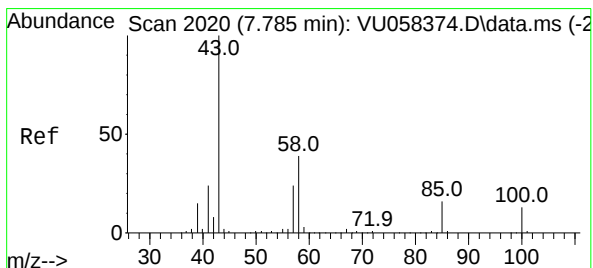
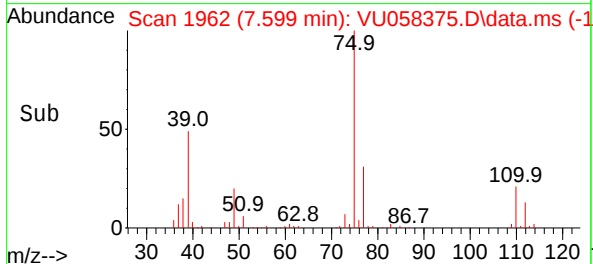
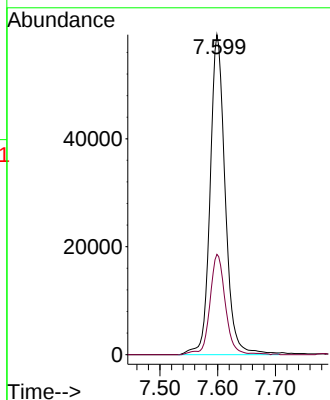
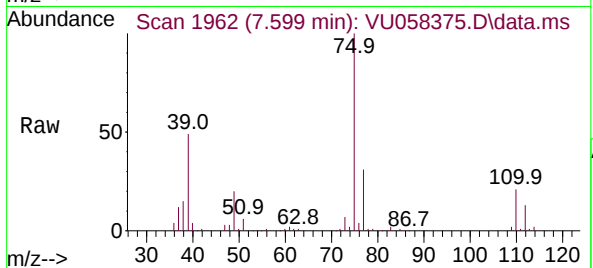




#39
 cis-1,3-Dichloropropene
 Concen: 12.867 ug/L
 RT: 7.599 min Scan# 1962
 Delta R.T. -0.003 min
 Lab File: VU058375.D
 Acq: 04 Apr 2024 18:04

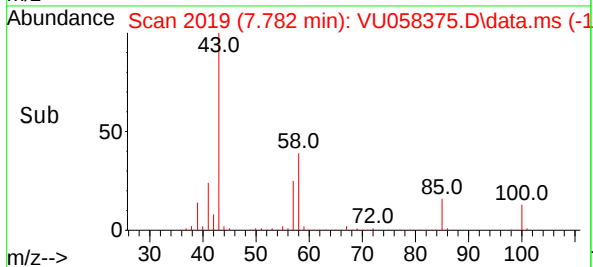
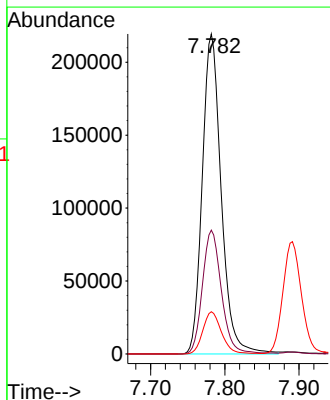
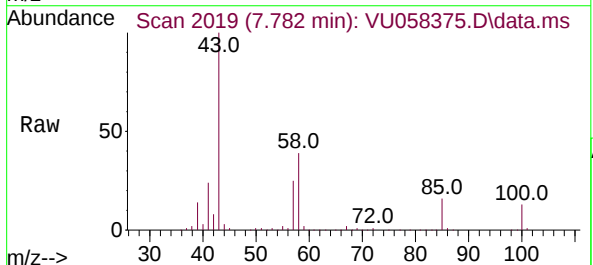
Instrument :
 MSVOA_U
 ClientSampleId :

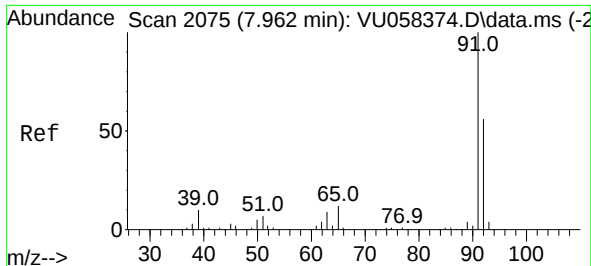
Tgt Ion: 75 Resp: 107864
 Ion Ratio Lower Upper
 75 100
 77 31.3 22.7 42.3



#40
 4-Methyl-2-pentanone
 Concen: 117.143 ug/L
 RT: 7.782 min Scan# 2019
 Delta R.T. -0.003 min
 Lab File: VU058375.D
 Acq: 04 Apr 2024 18:04

Tgt Ion: 43 Resp: 388410
 Ion Ratio Lower Upper
 43 100
 58 38.9 30.4 45.6
 100 13.0 10.3 15.5





#42

Toluene

Concen: 12.788 ug/L

RT: 7.962 min Scan# 2075

Delta R.T. 0.000 min

Lab File: VU058375.D

Acq: 04 Apr 2024 18:04

Instrument :

MSVOA_U

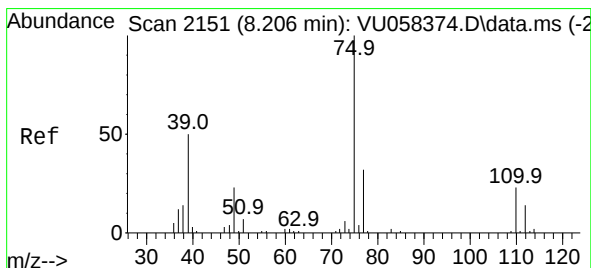
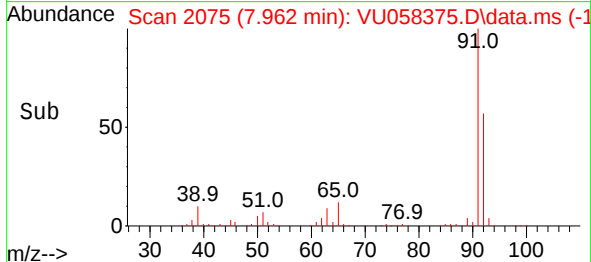
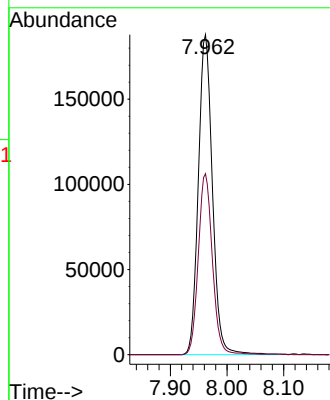
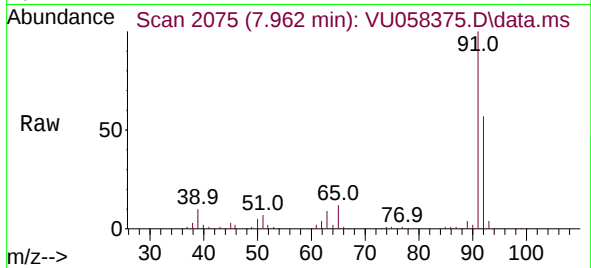
ClientSampleId :

Tgt Ion: 91 Resp: 324379

Ion Ratio Lower Upper

91 100

92 56.6 39.5 73.3



#44

trans-1,3-Dichloropropene

Concen: 12.988 ug/L

RT: 8.203 min Scan# 2150

Delta R.T. -0.003 min

Lab File: VU058375.D

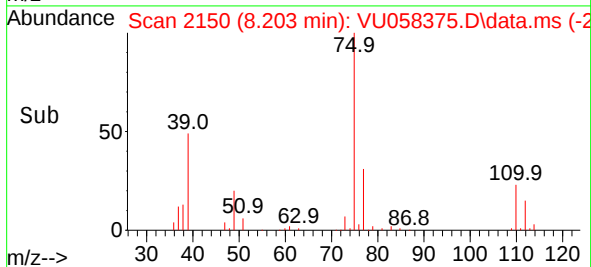
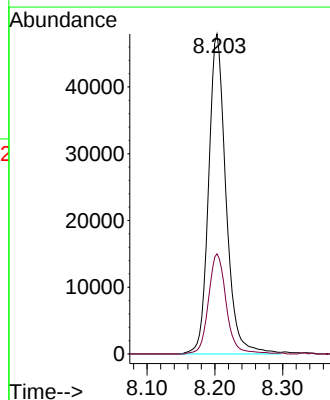
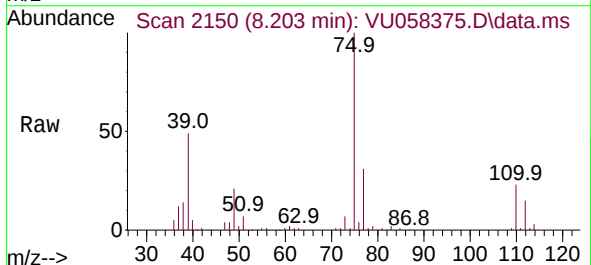
Acq: 04 Apr 2024 18:04

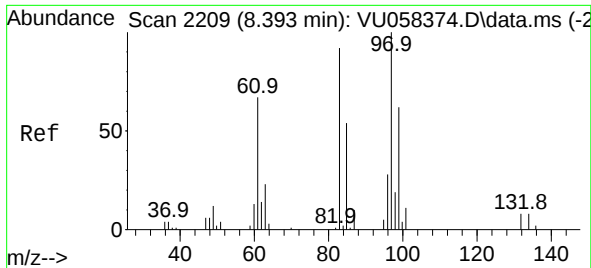
Tgt Ion: 75 Resp: 85549

Ion Ratio Lower Upper

75 100

77 31.3 22.2 41.2



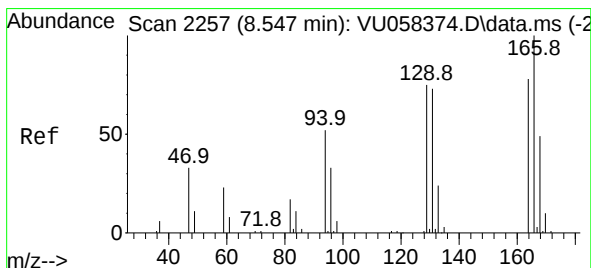
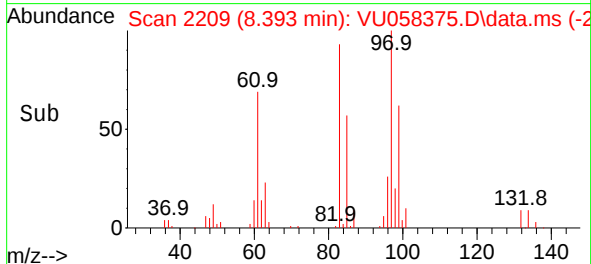
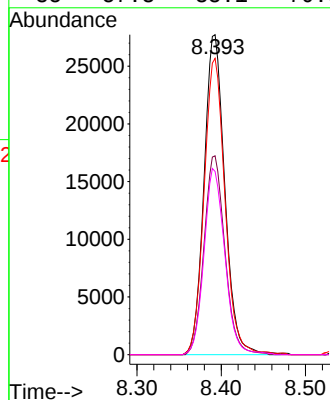
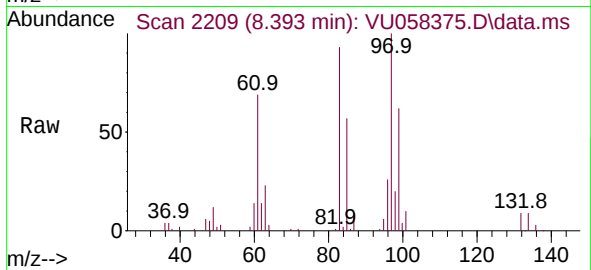


#45
1,1,2-Trichloroethane
Concen: 11.527 ug/L
RT: 8.393 min Scan# 2209
Delta R.T. 0.000 min
Lab File: VU058375.D
Acq: 04 Apr 2024 18:04

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 97 Resp: 47593

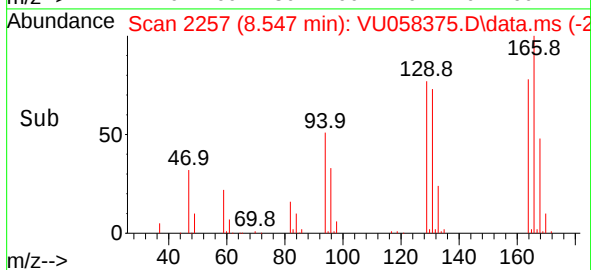
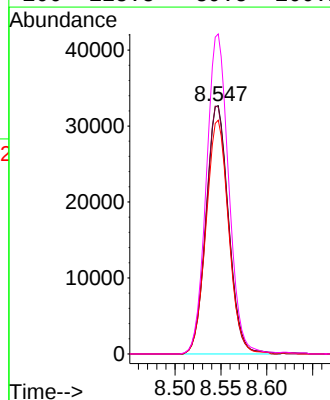
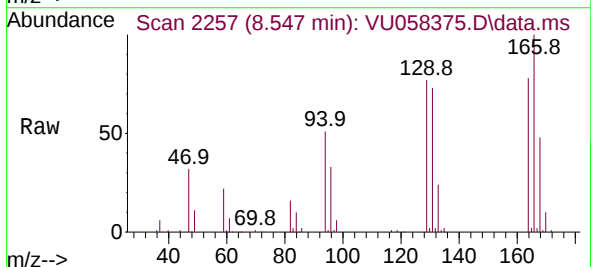
Ion	Ratio	Lower	Upper
97	100		
99	62.1	43.7	81.1
83	92.6	64.5	119.7
85	57.3	38.1	70.9

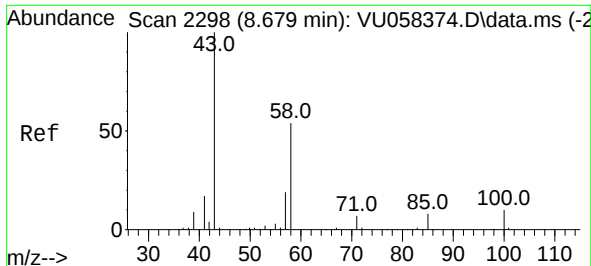


#47
Tetrachloroethene
Concen: 13.199 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. 0.000 min
Lab File: VU058375.D
Acq: 04 Apr 2024 18:04

Tgt Ion: 164 Resp: 55943

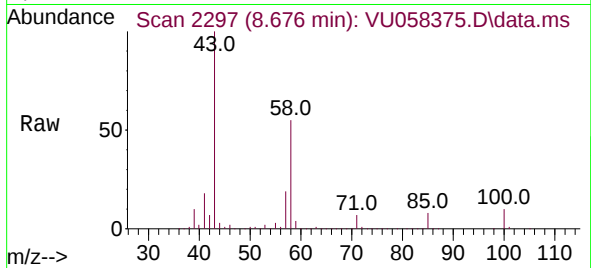
Ion	Ratio	Lower	Upper
164	100		
129	99.4	67.3	125.1
131	94.1	65.5	121.6
166	128.8	89.5	166.1



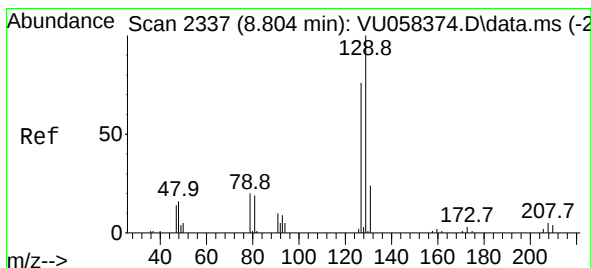
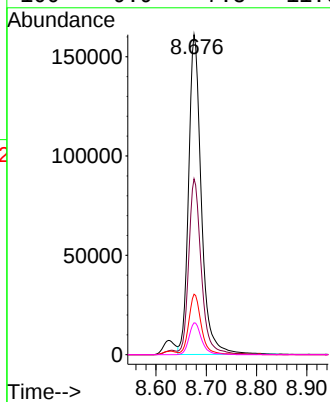
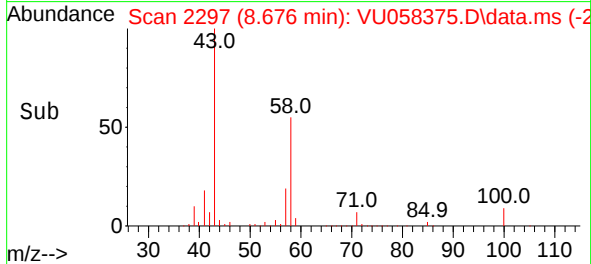


#48
2-Hexanone
Concen: 117.029 ug/L
RT: 8.676 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU058375.D
Acq: 04 Apr 2024 18:04

Instrument :
MSVOA_U
ClientSampleId :

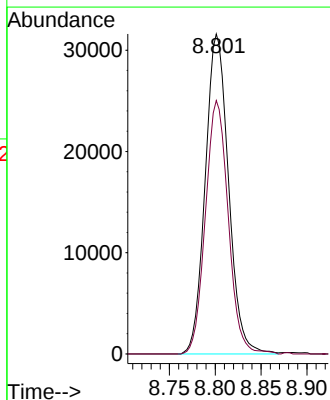
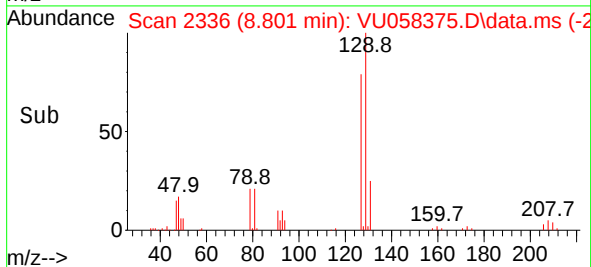
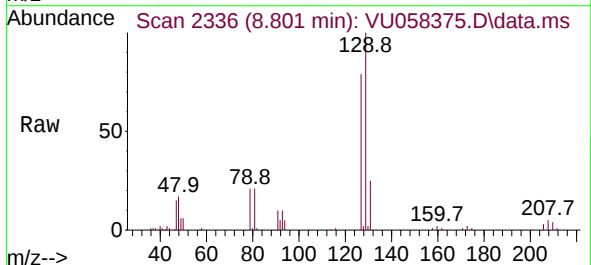


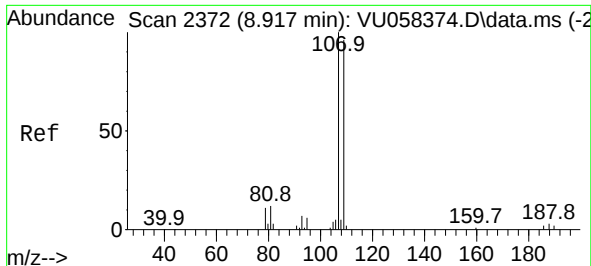
Tgt Ion: 43 Resp: 283427
Ion Ratio Lower Upper
43 100
58 53.3 43.2 64.8
57 18.3 15.4 23.0
100 9.9 7.8 11.6



#49
Dibromochloromethane
Concen: 12.256 ug/L
RT: 8.801 min Scan# 2336
Delta R.T. -0.003 min
Lab File: VU058375.D
Acq: 04 Apr 2024 18:04

Tgt Ion:129 Resp: 55793
Ion Ratio Lower Upper
129 100
127 79.2 53.5 99.5

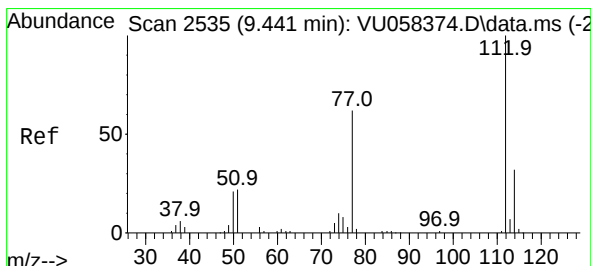
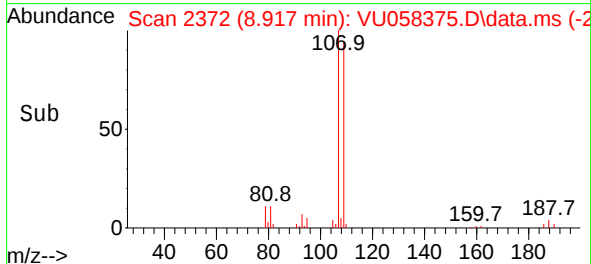
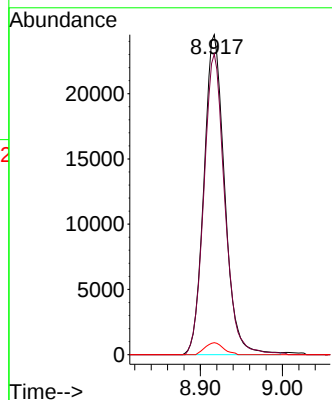
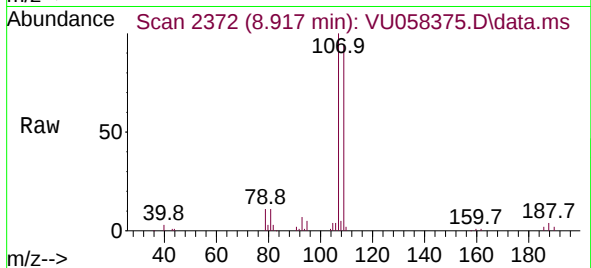




#50
1,2-Dibromoethane
Concen: 12.094 ug/L
RT: 8.917 min Scan# 2372
Delta R.T. 0.000 min
Lab File: VU058375.D
Acq: 04 Apr 2024 18:04

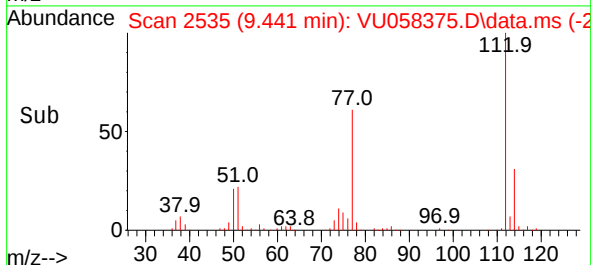
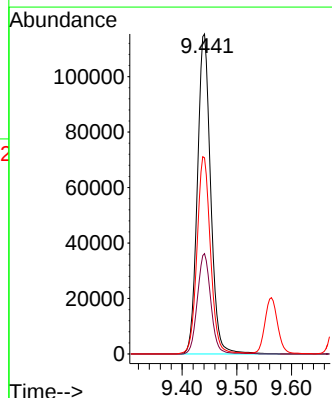
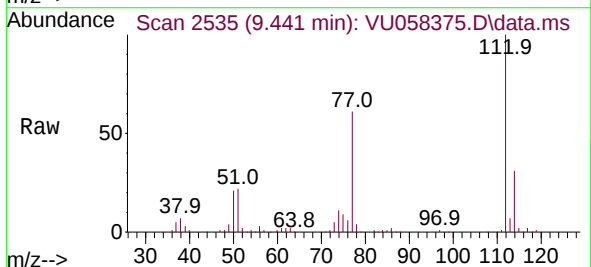
Instrument :
MSVOA_U
ClientSampleId :

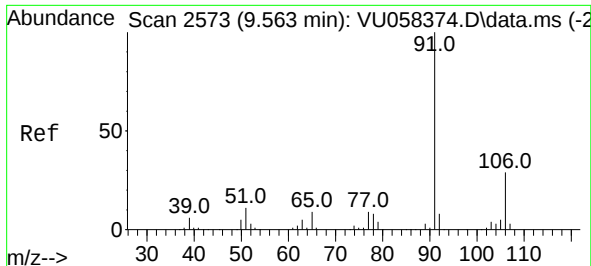
Tgt Ion:107 Resp: 43004
Ion Ratio Lower Upper
107 100
109 94.0 67.3 124.9
188 3.7 2.5 3.7#



#51
Chlorobenzene
Concen: 12.035 ug/L
RT: 9.441 min Scan# 2535
Delta R.T. 0.000 min
Lab File: VU058375.D
Acq: 04 Apr 2024 18:04

Tgt Ion:112 Resp: 193628
Ion Ratio Lower Upper
112 100
114 31.3 22.4 41.6
77 61.3 50.1 75.1

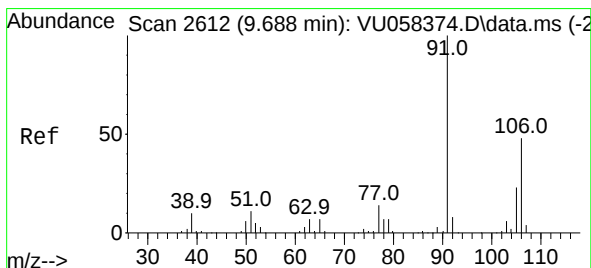
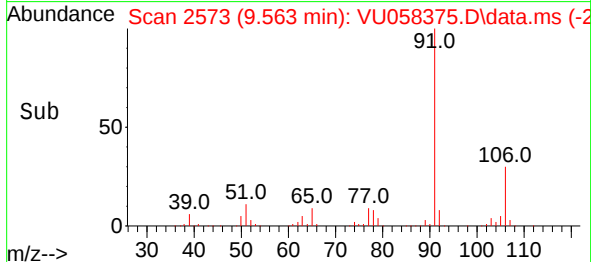
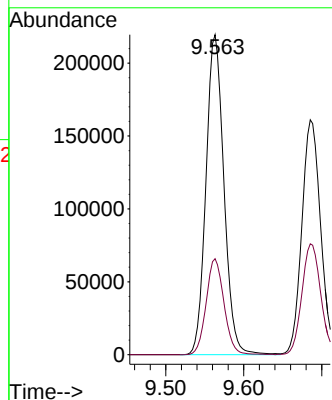
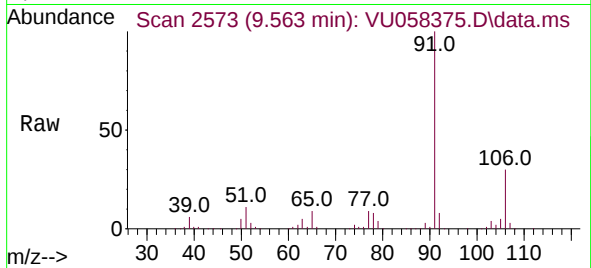




#52
Ethylbenzene
Concen: 12.511 ug/L
RT: 9.563 min Scan# 2573
Delta R.T. 0.000 min
Lab File: VU058375.D
Acq: 04 Apr 2024 18:04

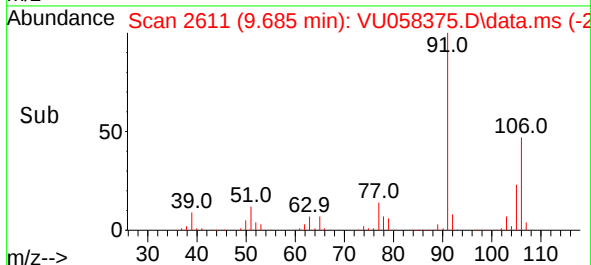
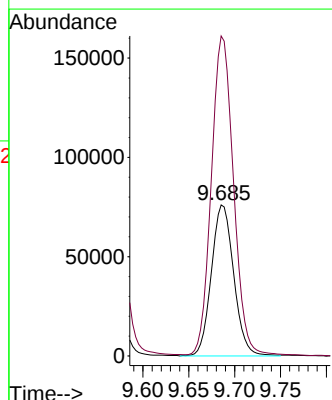
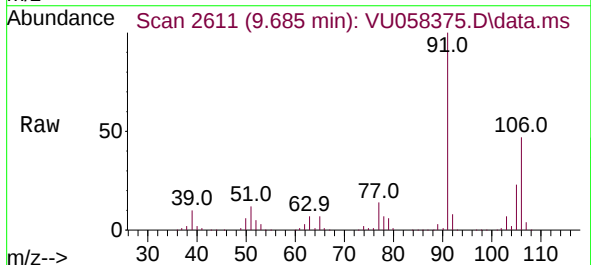
Instrument :
MSVOA_U
ClientSampleId :

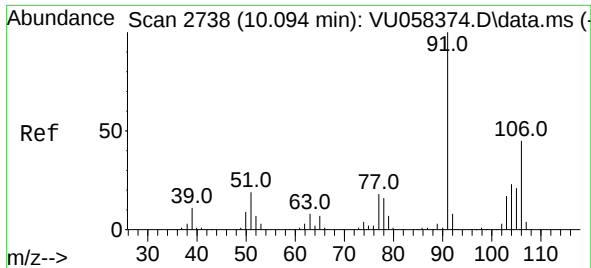
Tgt Ion: 91 Resp: 351111
Ion Ratio Lower Upper
91 100
106 30.0 20.6 38.4



#53
m,p-Xylene
Concen: 12.856 ug/L
RT: 9.685 min Scan# 2611
Delta R.T. -0.003 min
Lab File: VU058375.D
Acq: 04 Apr 2024 18:04

Tgt Ion:106 Resp: 129118
Ion Ratio Lower Upper
106 100
91 211.8 147.8 274.4

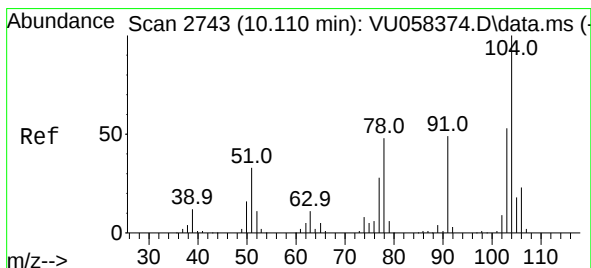
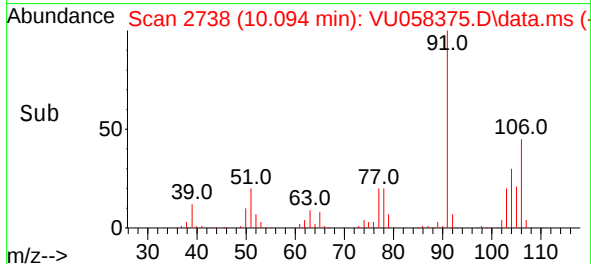
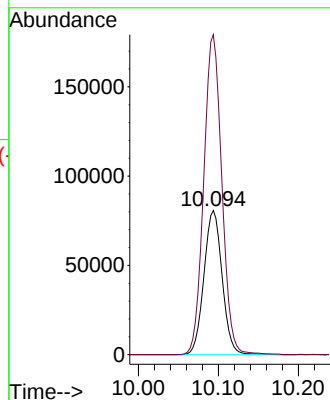
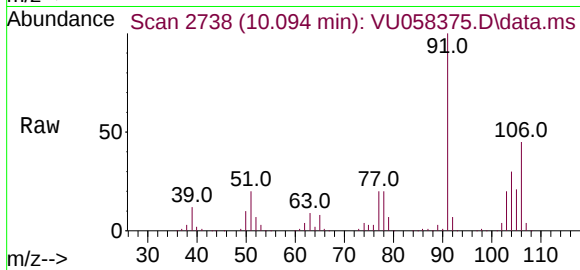




#54
o-Xylene
Concen: 12.764 ug/L
RT: 10.094 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU058375.D
Acq: 04 Apr 2024 18:04

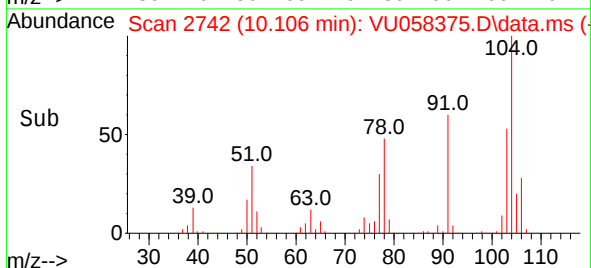
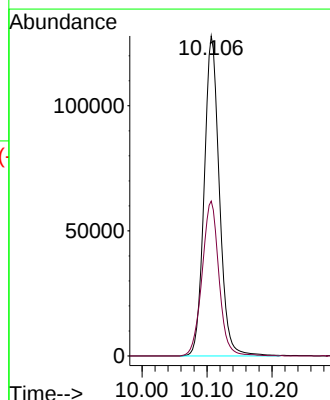
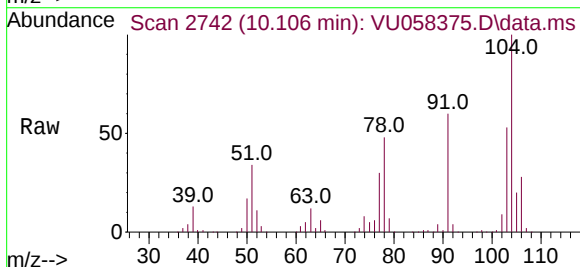
Instrument :
MSVOA_U
ClientSampleId :

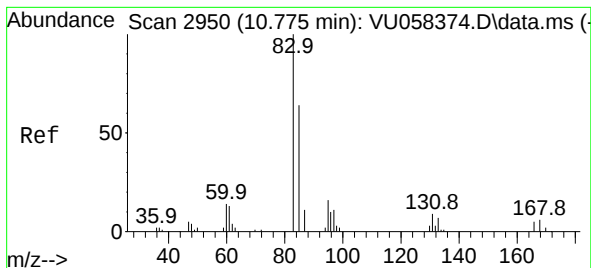
Tgt Ion:106 Resp: 128080
Ion Ratio Lower Upper
106 100
91 222.0 156.9 291.5



#55
Styrene
Concen: 13.107 ug/L
RT: 10.106 min Scan# 2742
Delta R.T. -0.003 min
Lab File: VU058375.D
Acq: 04 Apr 2024 18:04

Tgt Ion:104 Resp: 208770
Ion Ratio Lower Upper
104 100
78 48.4 33.9 63.0





#57

1,1,2,2-Tetrachloroethane

Concen: 12.129 ug/L

RT: 10.775 min Scan# 2950

Delta R.T. 0.000 min

Lab File: VU058375.D

Acq: 04 Apr 2024 18:04

Instrument :

MSVOA_U

ClientSampleId :

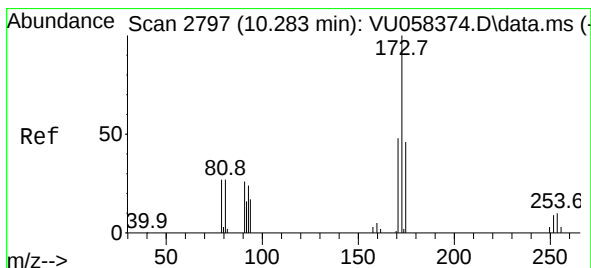
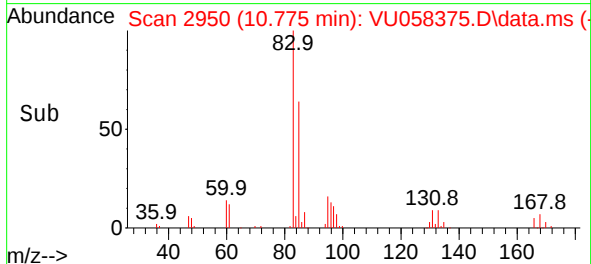
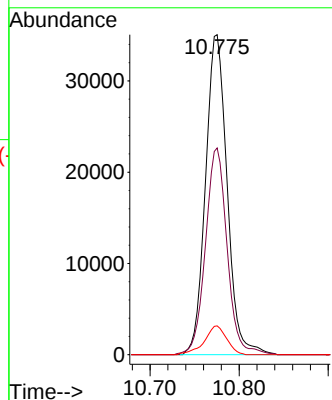
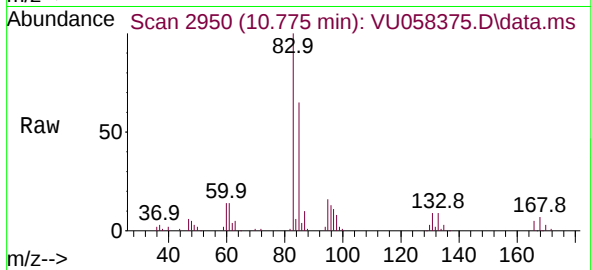
Tgt Ion: 83 Resp: 59024

Ion Ratio Lower Upper

83 100

85 64.6 45.1 83.7

131 9.0 6.9 10.3



#59

Bromoform

Concen: 11.923 ug/L

RT: 10.283 min Scan# 2797

Delta R.T. 0.000 min

Lab File: VU058375.D

Acq: 04 Apr 2024 18:04

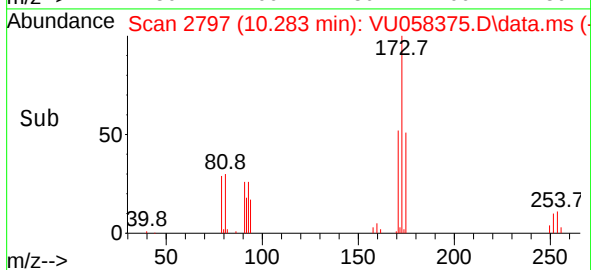
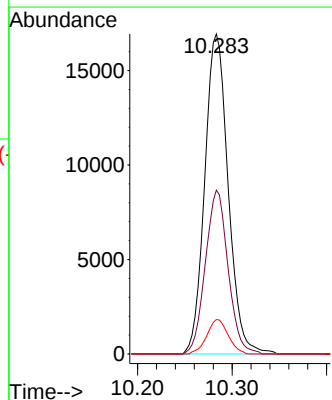
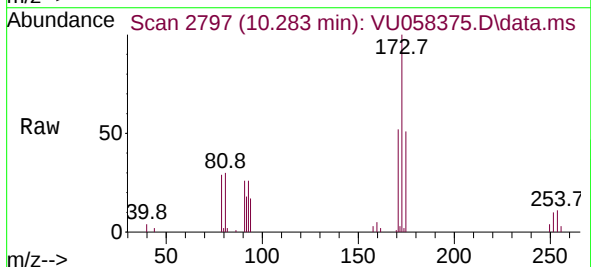
Tgt Ion:173 Resp: 29131

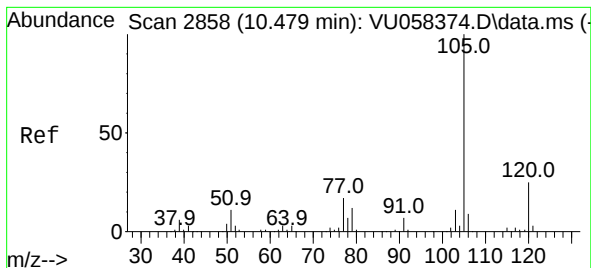
Ion Ratio Lower Upper

173 100

175 49.6 38.0 57.0

254 9.8 7.5 11.3





#60

Isopropylbenzene

Concen: 11.725 ug/L

RT: 10.476 min Scan# 2858

Delta R.T. -0.003 min

Lab File: VU058375.D

Acq: 04 Apr 2024 18:04

Instrument :

MSVOA_U

ClientSampleId :

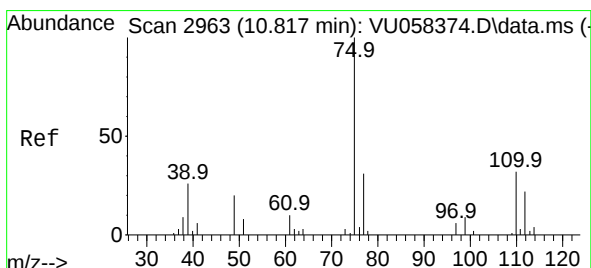
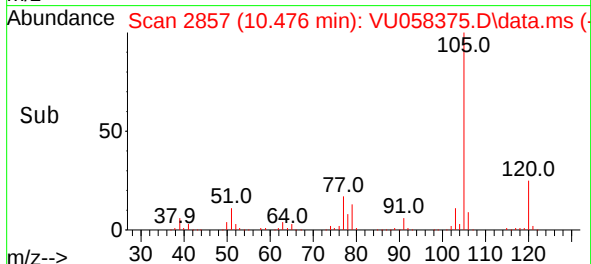
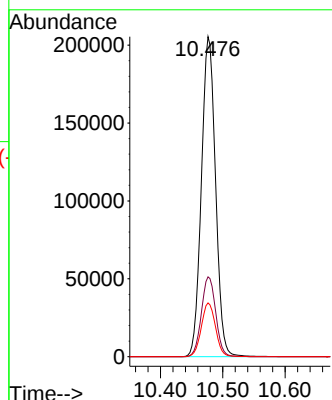
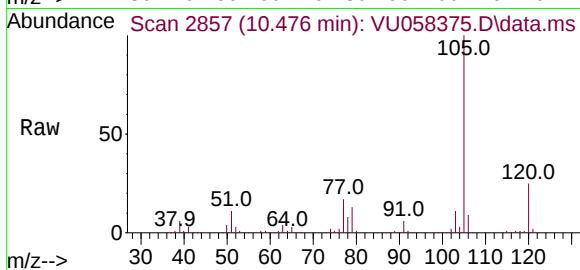
Tgt Ion:105 Resp: 324045

Ion Ratio Lower Upper

105 100

120 25.3 20.2 30.4

77 16.9 13.5 20.3



#61

1,2,3-Trichloropropane

Concen: 10.957 ug/L

RT: 10.814 min Scan# 2962

Delta R.T. -0.003 min

Lab File: VU058375.D

Acq: 04 Apr 2024 18:04

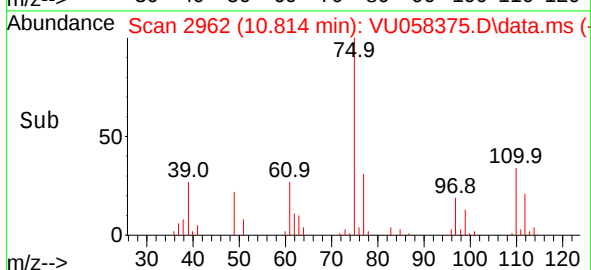
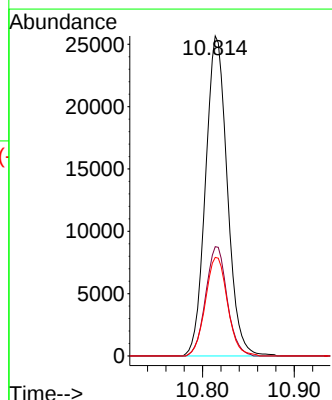
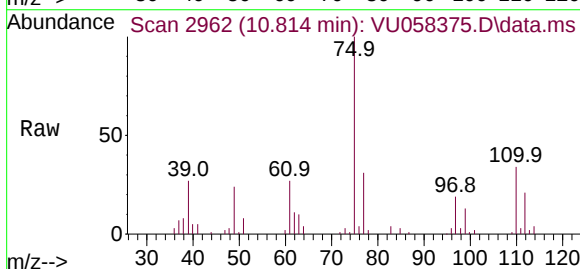
Tgt Ion: 75 Resp: 42275

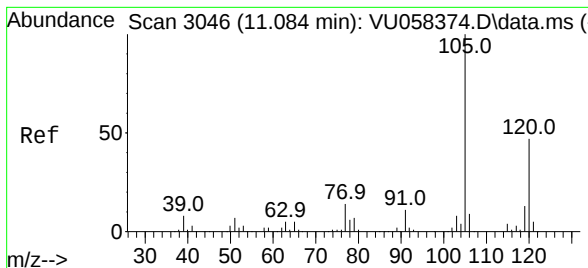
Ion Ratio Lower Upper

75 100

110 33.7 25.8 38.6

77 31.4 25.1 37.7





#62

1,3,5-Trimethylbenzene

Concen: 11.774 ug/L

RT: 11.081 min Scan# 3046

Delta R.T. -0.003 min

Lab File: VU058375.D

Acq: 04 Apr 2024 18:04

Instrument :

MSVOA_U

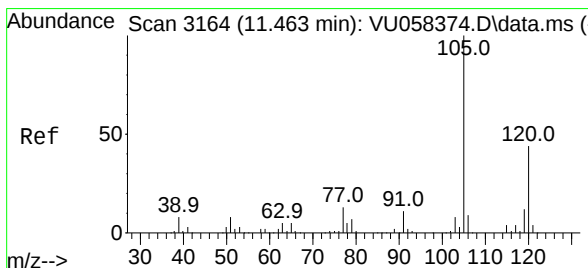
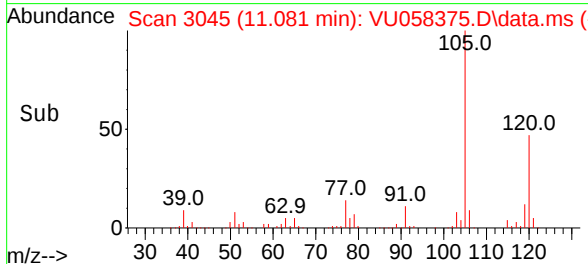
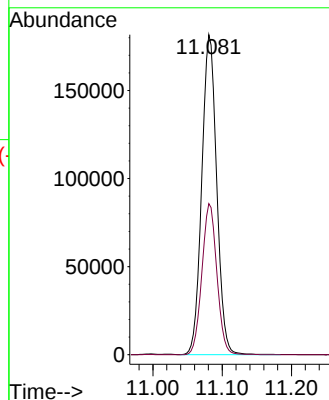
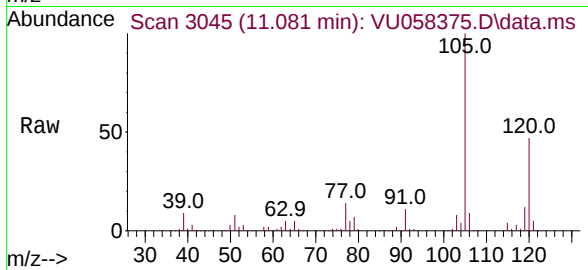
ClientSampleId :

Tgt Ion:105 Resp: 271661

Ion Ratio Lower Upper

105 100

120 47.2 37.2 55.8



#63

1,2,4-Trimethylbenzene

Concen: 12.050 ug/L

RT: 11.460 min Scan# 3163

Delta R.T. -0.003 min

Lab File: VU058375.D

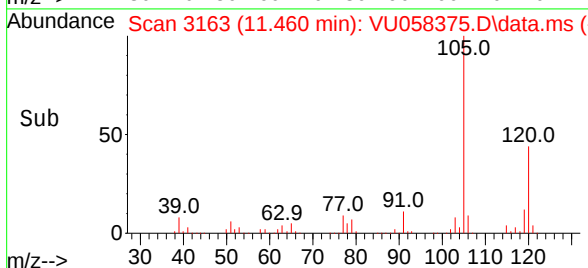
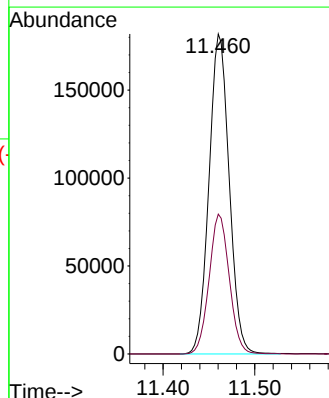
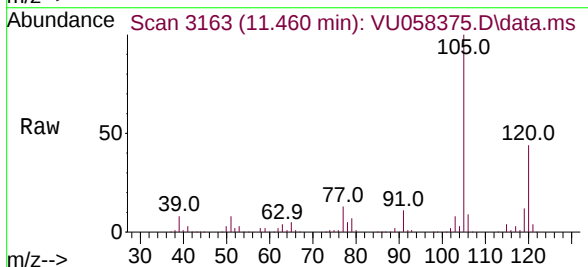
Acq: 04 Apr 2024 18:04

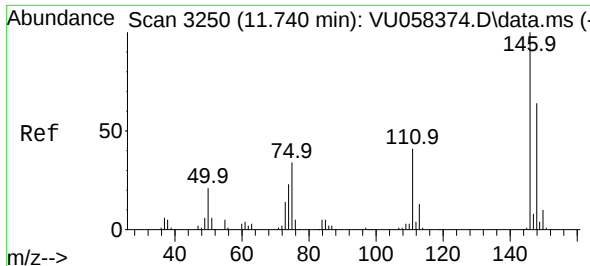
Tgt Ion:105 Resp: 278343

Ion Ratio Lower Upper

105 100

120 43.5 34.7 52.1





#64

1,3-Dichlorobenzene

Concen: 11.516 ug/L

RT: 11.740 min Scan# 3250

Delta R.T. 0.000 min

Lab File: VU058375.D

Acq: 04 Apr 2024 18:04

Instrument :

MSVOA_U

ClientSampleId :

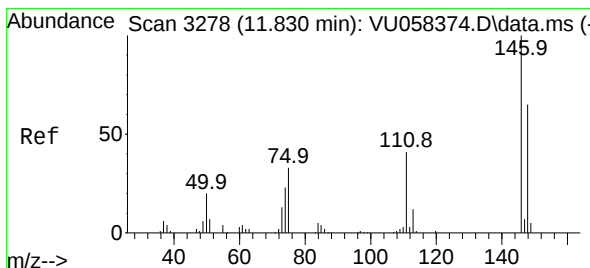
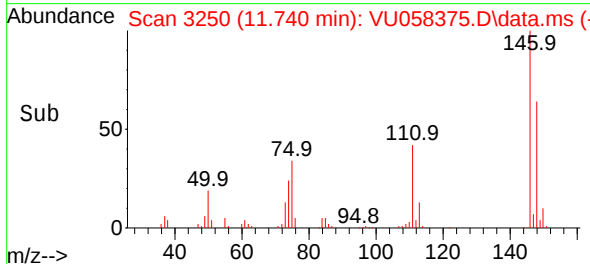
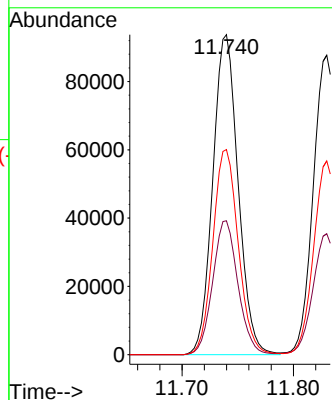
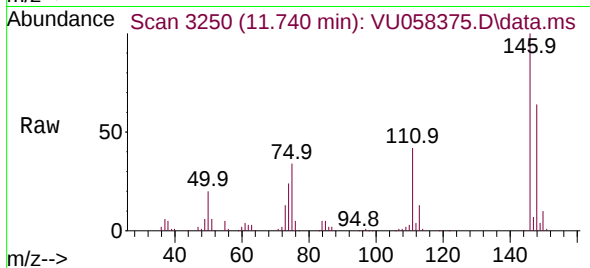
Tgt Ion:146 Resp: 148243

Ion Ratio Lower Upper

146 100

111 41.9 28.8 53.4

148 64.1 44.9 83.3



#65

1,4-Dichlorobenzene

Concen: 11.464 ug/L

RT: 11.830 min Scan# 3278

Delta R.T. 0.000 min

Lab File: VU058375.D

Acq: 04 Apr 2024 18:04

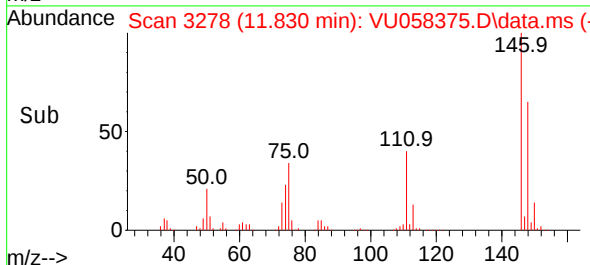
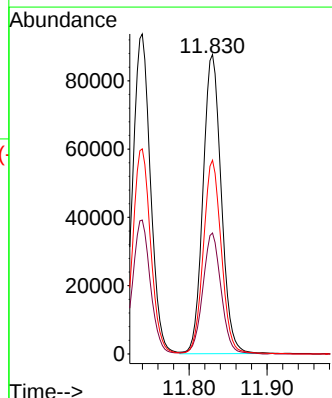
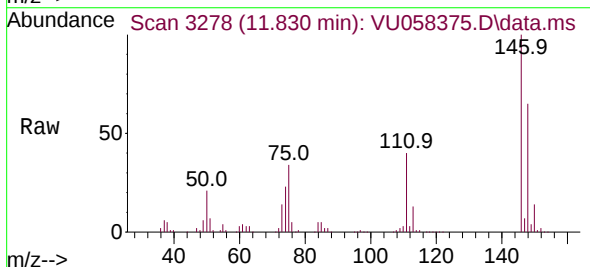
Tgt Ion:146 Resp: 142571

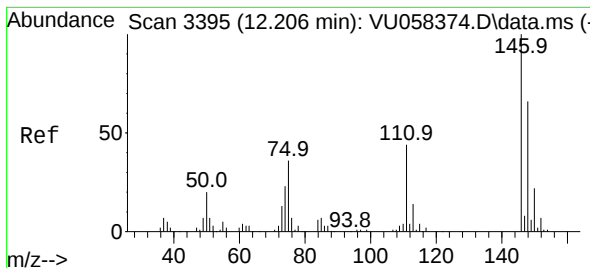
Ion Ratio Lower Upper

146 100

111 40.4 28.8 53.6

148 64.7 45.3 84.1





#67

1,2-Dichlorobenzene

Concen: 11.498 ug/L

RT: 12.206 min Scan# 3395

Delta R.T. 0.000 min

Lab File: VU058375.D

Acq: 04 Apr 2024 18:04

Instrument :

MSVOA_U

ClientSampleId :

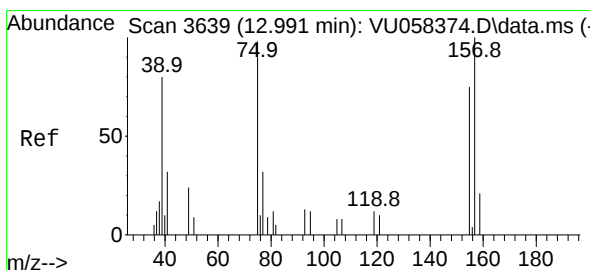
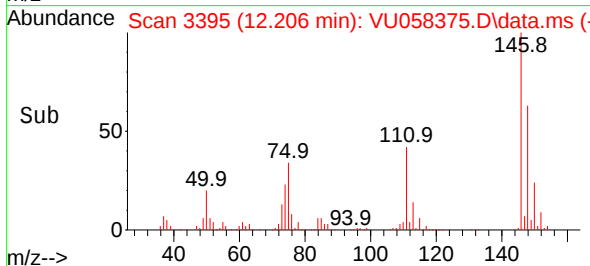
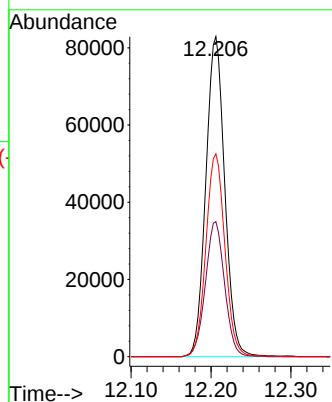
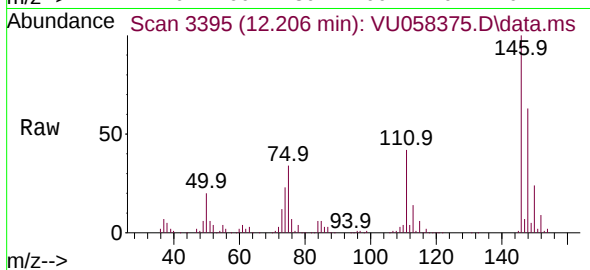
Tgt Ion:146 Resp: 136483

Ion Ratio Lower Upper

146 100

111 42.2 35.0 52.4

148 63.4 52.5 78.7



#68

1,2-Dibromo-3-chloropropane

Concen: 14.144 ug/L

RT: 12.991 min Scan# 3639

Delta R.T. 0.000 min

Lab File: VU058375.D

Acq: 04 Apr 2024 18:04

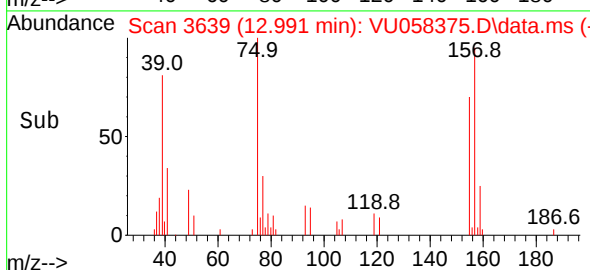
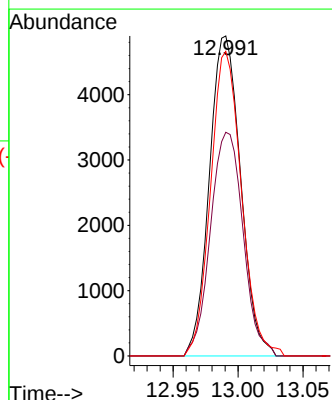
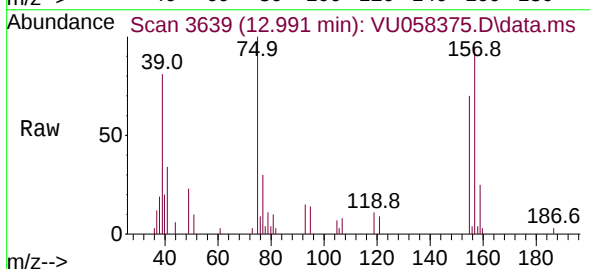
Tgt Ion: 75 Resp: 8200

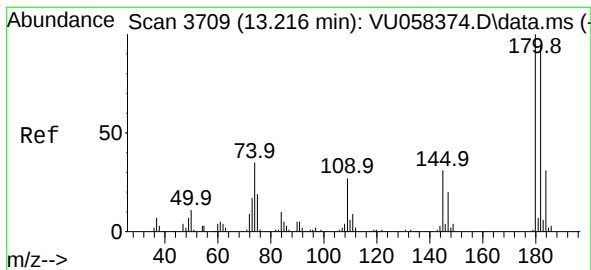
Ion Ratio Lower Upper

75 100

155 69.9 61.4 92.0

157 95.2 81.7 122.5





#69

1,3,5-Trichlorobenzene

Concen: 12.160 ug/L

RT: 13.212 min Scan# 31

Delta R.T. -0.003 min

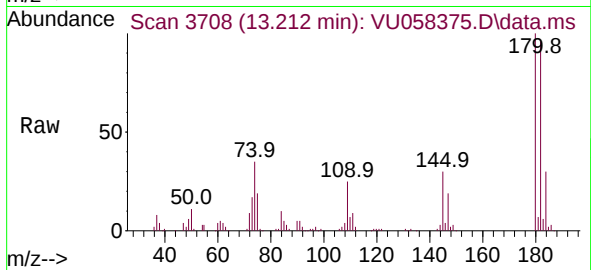
Lab File: VU058375.D

Acq: 04 Apr 2024 18:04

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:180 Resp: 110904

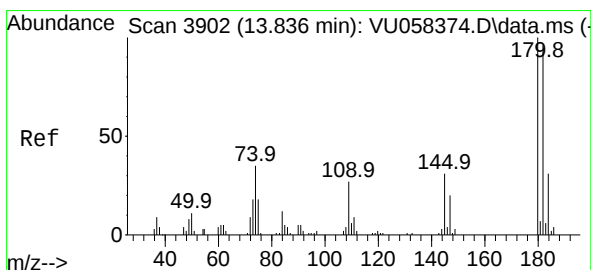
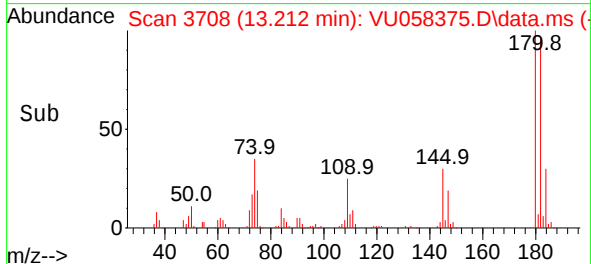
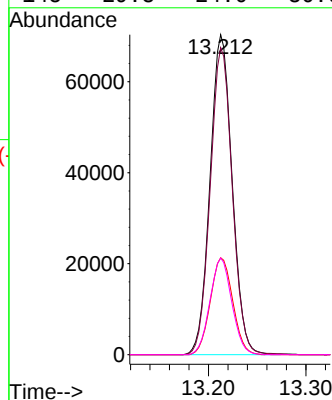
Ion Ratio Lower Upper

180 100

182 95.6 75.7 113.5

184 30.7 24.3 36.5

145 29.8 24.0 36.0



#70

1,2,4-trichlorobenzene

Concen: 12.353 ug/L

RT: 13.833 min Scan# 3901

Delta R.T. -0.003 min

Lab File: VU058375.D

Acq: 04 Apr 2024 18:04

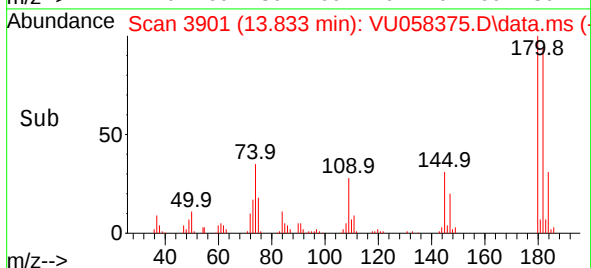
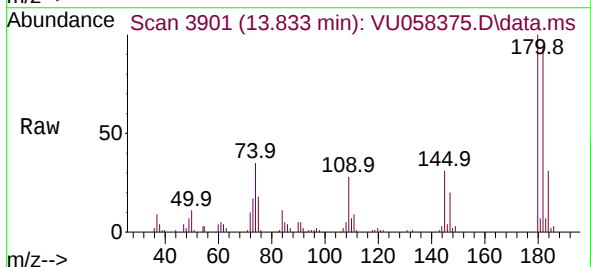
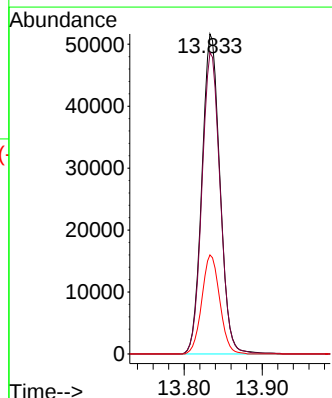
Tgt Ion:180 Resp: 82878

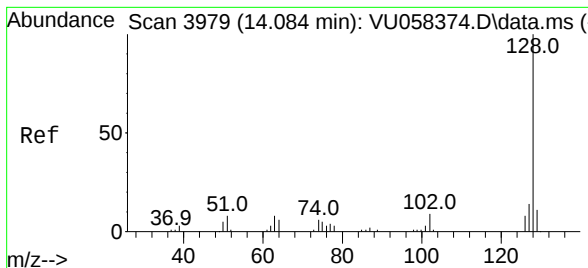
Ion Ratio Lower Upper

180 100

182 95.4 74.4 111.6

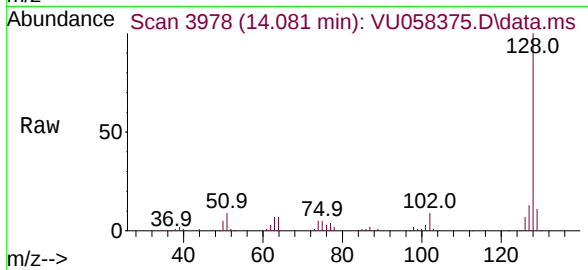
145 30.7 24.1 36.1



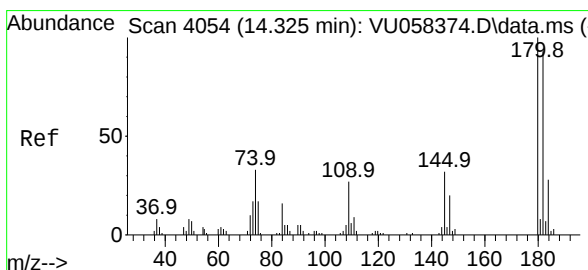
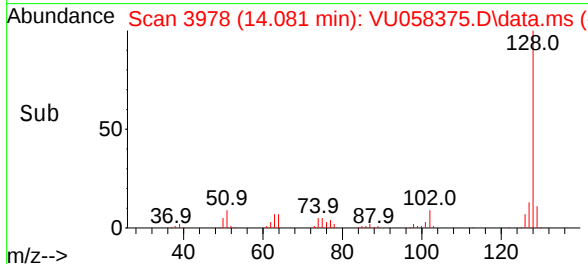
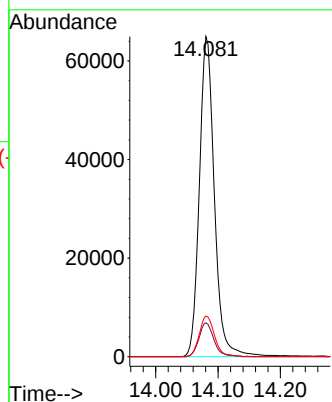


#71
Naphthalene
Concen: 12.128 ug/L
RT: 14.081 min Scan# 3979
Delta R.T. -0.003 min
Lab File: VU058375.D
Acq: 04 Apr 2024 18:04

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:128 Resp: 108724
Ion Ratio Lower Upper
128 100
129 10.5 8.6 13.0
127 12.9 11.0 16.6



#72
1,2,3-Trichlorobenzene
Concen: 12.476 ug/L
RT: 14.325 min Scan# 4054
Delta R.T. 0.000 min
Lab File: VU058375.D
Acq: 04 Apr 2024 18:04

Tgt Ion:180 Resp: 68639
Ion Ratio Lower Upper
180 100
182 95.9 75.9 113.9
145 32.6 25.2 37.8

