

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042324\
 Data File : VU058775.D
 Acq On : 23 Apr 2024 09:31
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 24 00:32:45 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR042224WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Apr 22 23:57:56 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	104871	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	97772	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	46493	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	42089	5.102	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	= 102.000%	
7) Chloroethane-d5	1.904	69	31539	5.074	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	= 101.400%	
11) 1,1-Dichloroethene-d2	2.557	65	20859	5.022	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	= 100.400%	
20) 2-Butanone-d5	4.624	46	76790	52.984	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	= 105.960%	
24) Chloroform-d	5.052	84	86741	5.144	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	= 102.800%	
26) 1,2-Dichloroethane-d4	5.692	65	42175	5.160	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	= 103.200%	
32) Benzene-d6	5.718	84	163819	5.264	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	= 105.200%	
36) 1,2-Dichloropropane-d6	6.682	67	50024	5.389	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	= 107.800%	
41) Toluene-d8	7.891	98	147586	5.298	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	= 106.000%	
43) trans-1,3-Dichloroprop...	8.174	79	17852	5.282	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	= 105.600%	
46) 2-Hexanone-d5	8.627	63	53364	53.288	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	= 106.580%	
56) 1,1,2,2-Tetrachloroeth...	10.750	84	30846	5.456	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	= 109.200%	
66) 1,2-Dichlorobenzene-d4	12.187	152	44544	5.497	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	= 110.000%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.377	85	57777	5.031	ug/L	100
3) Chloromethane	1.512	50	47328	5.264	ug/L	100
5) Vinyl chloride	1.596	62	47414	5.198	ug/L	98
6) Bromomethane	1.853	94	28491	5.278	ug/L	96
8) Chloroethane	1.927	64	27134	5.281	ug/L	99
9) Trichlorofluoromethane	2.133	101	72518	5.079	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	44815	5.266	ug/L	98
12) 1,1-Dichloroethene	2.573	96	38897	5.093	ug/L	97
13) Acetone	2.644	43	52035	51.948	ug/L	100
14) Carbon disulfide	2.785	76	131394	5.058	ug/L	100
15) Methyl Acetate	2.949	43	13560	5.646	ug/L	95
16) Methylene chloride	3.036	84	42041	5.115	ug/L	98
17) Methyl tert-butyl Ether	3.348	73	87870	5.082	ug/L	99
18) trans-1,2-Dichloroethene	3.345	96	40872	5.343	ug/L	98
19) 1,1-Dichloroethane	3.856	63	84120	5.193	ug/L	98
21) 2-Butanone	4.705	43	77119	48.960	ug/L	98
22) cis-1,2-Dichloroethene	4.653	96	44222	5.262	ug/L	99
23) Bromochloromethane	4.965	128	17333	5.268	ug/L	96
25) Chloroform	5.078	83	86585	5.142	ug/L	93

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 MSVOA_U
 ClientSampleId :

Quant Time: Apr 24 00:32:45 2024
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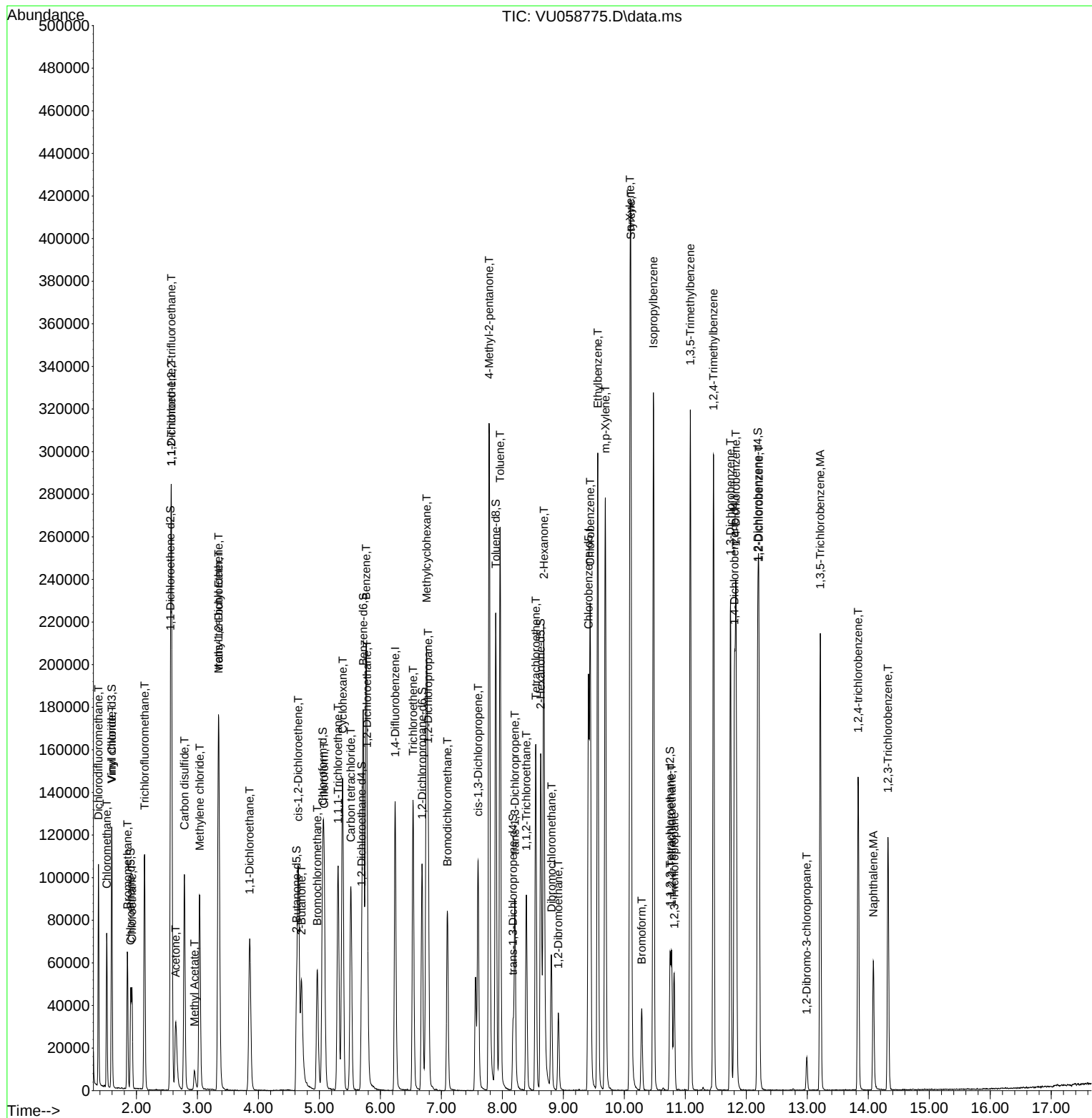
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.782	62	51723	5.135	ug/L	98
29) 1,1,1-Trichloroethane	5.303	97	76034	5.211	ug/L	98
30) Cyclohexane	5.380	56	72726	5.280	ug/L	99
31) Carbon tetrachloride	5.515	117	67579	5.239	ug/L	98
33) Benzene	5.766	78	179518	5.307	ug/L	100
34) Trichloroethene	6.534	95	47159	5.123	ug/L	97
35) Methylcyclohexane	6.756	83	73977	5.289	ug/L	99
37) 1,2-Dichloropropane	6.782	63	45892	5.194	ug/L	100
38) Bromodichloromethane	7.097	83	56523	5.164	ug/L	99
39) cis-1,3-Dichloropropene	7.602	75	64143	5.244	ug/L	99
40) 4-Methyl-2-pentanone	7.782	43	212715	54.541	ug/L	100
42) Toluene	7.962	91	188650	5.396	ug/L	99
44) trans-1,3-Dichloropropene	8.203	75	52268	5.550	ug/L	99
45) 1,1,2-Trichloroethane	8.393	97	27318	5.373	ug/L	99
47) Tetrachloroethene	8.547	164	34189	5.293	ug/L	98
48) 2-Hexanone	8.679	43	148975	53.772	ug/L	99
49) Dibromochloromethane	8.804	129	32331	5.430	ug/L	95
50) 1,2-Dibromoethane	8.917	107	24675	5.275	ug/L	95
51) Chlorobenzene	9.441	112	112445	5.279	ug/L	98
52) Ethylbenzene	9.563	91	207854	5.391	ug/L	99
53) m,p-Xylene	9.689	106	76009	5.367	ug/L	96
54) o-Xylene	10.094	106	72248	5.381	ug/L	96
55) Styrene	10.107	104	121359	5.549	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.775	83	31100	5.249	ug/L	93
59) Bromoform	10.283	173	17376	5.336	ug/L	99
60) Isopropylbenzene	10.476	105	204001	5.531	ug/L	100
61) 1,2,3-Trichloropropane	10.817	75	23197	5.482	ug/L	99
62) 1,3,5-Trimethylbenzene	11.081	105	168426	5.487	ug/L	99
63) 1,2,4-Trimethylbenzene	11.460	105	163613	5.634	ug/L	99
64) 1,3-Dichlorobenzene	11.740	146	87373	5.497	ug/L	98
65) 1,4-Dichlorobenzene	11.830	146	83253	5.367	ug/L	97
67) 1,2-Dichlorobenzene	12.206	146	75022	5.452	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.987	75	4773	6.527	ug/L	97
69) 1,3,5-Trichlorobenzene	13.212	180	62572	5.502	ug/L	99
70) 1,2,4-trichlorobenzene	13.833	180	43832	5.545	ug/L	99
71) Naphthalene	14.084	128	51021	5.335	ug/L	99
72) 1,2,3-Trichlorobenzene	14.322	180	34147	5.450	ug/L	96

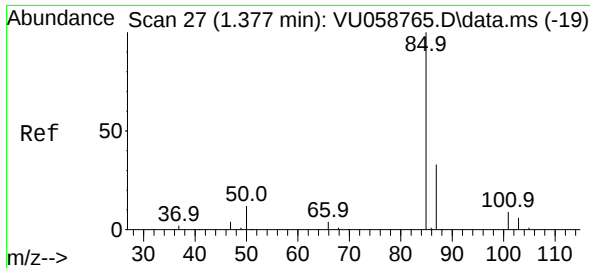
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Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Apr 24 00:32:45 2024
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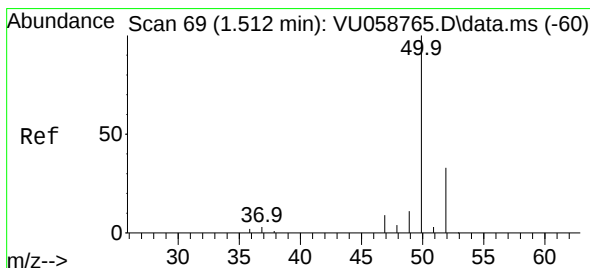
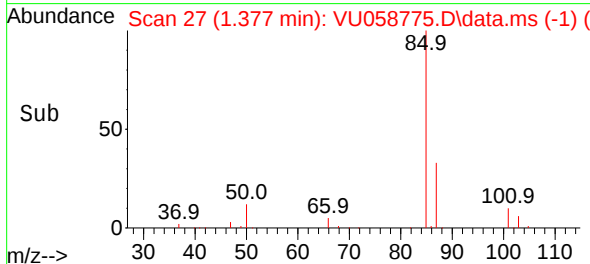
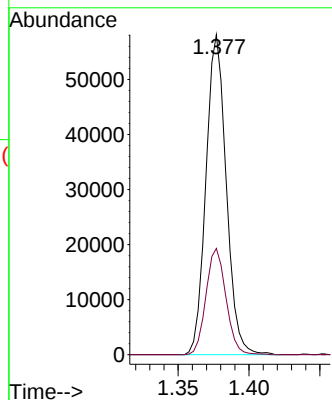
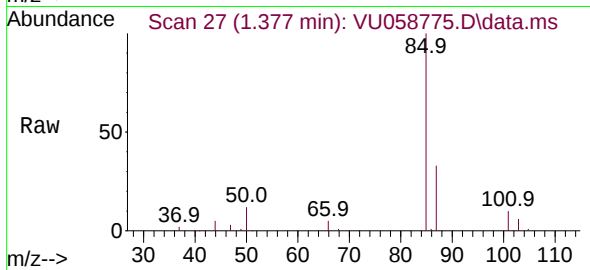




#2
 Dichlorodifluoromethane
 Concen: 5.031 ug/L
 RT: 1.377 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VU058775.D
 Acq: 23 Apr 2024 09:31

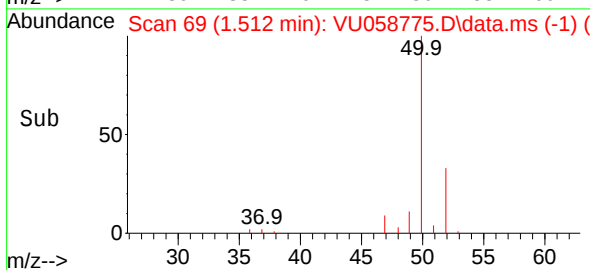
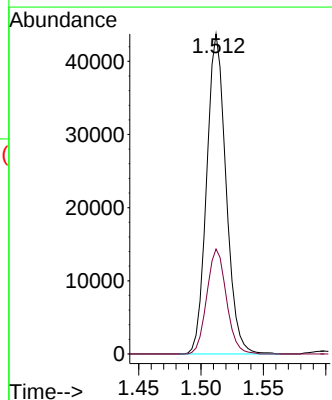
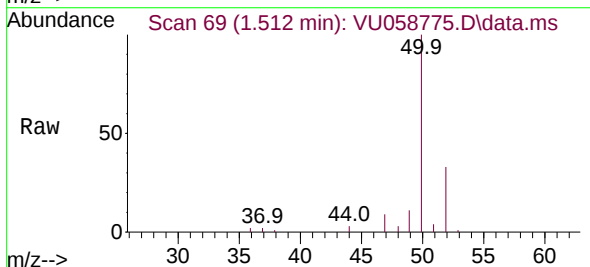
Instrument :
 MSVOA_U
 ClientSampleId :

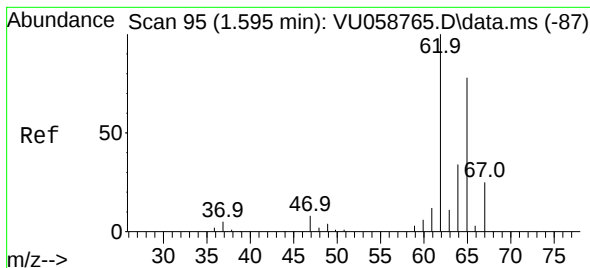
Tgt Ion: 85 Resp: 57777
 Ion Ratio Lower Upper
 85 100
 87 32.7 26.0 39.0



#3
 Chloromethane
 Concen: 5.264 ug/L
 RT: 1.512 min Scan# 69
 Delta R.T. 0.000 min
 Lab File: VU058775.D
 Acq: 23 Apr 2024 09:31

Tgt Ion: 50 Resp: 47328
 Ion Ratio Lower Upper
 50 100
 52 32.8 23.0 42.8





#5

Vinyl chloride

Concen: 5.198 ug/L

RT: 1.596 min Scan# 90

Delta R.T. 0.000 min

Lab File: VU058775.D

Acq: 23 Apr 2024 09:31

Instrument :

MSVOA_U

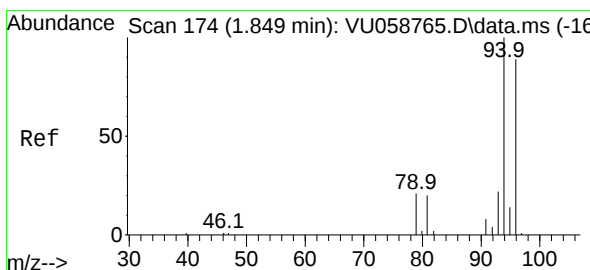
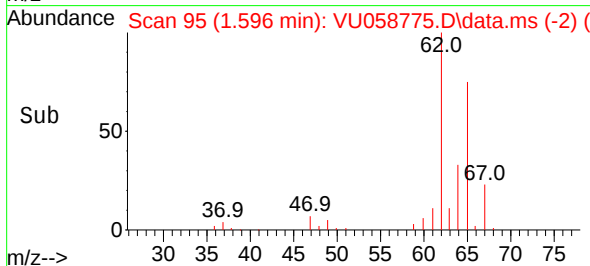
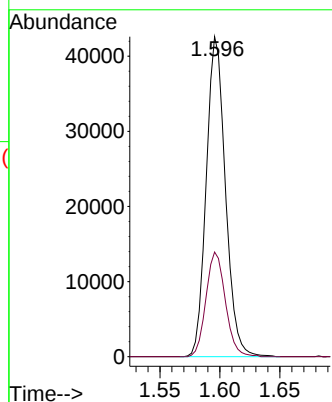
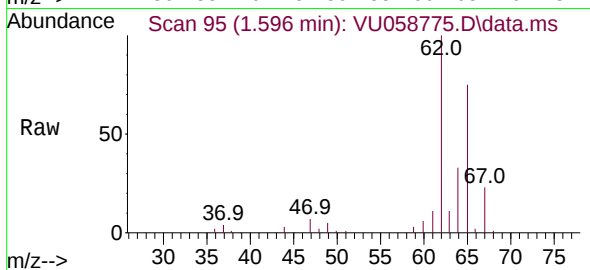
ClientSampleId :

Tgt Ion: 62 Resp: 47414

Ion Ratio Lower Upper

62 100

64 32.7 23.8 44.2



#6

Bromomethane

Concen: 5.278 ug/L

RT: 1.853 min Scan# 175

Delta R.T. 0.003 min

Lab File: VU058775.D

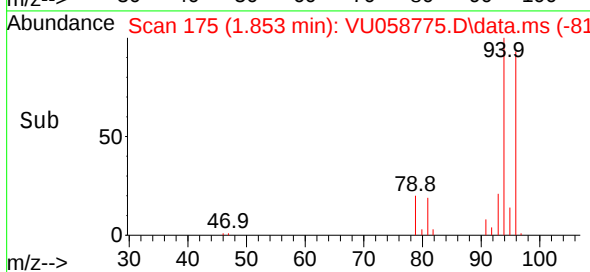
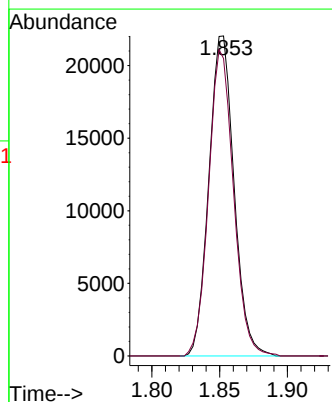
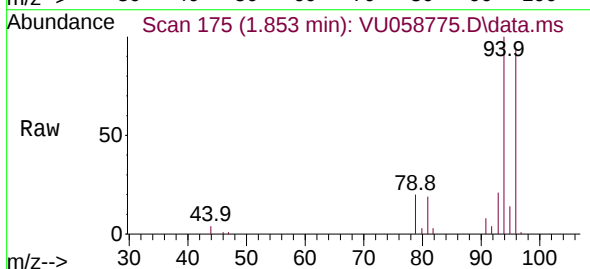
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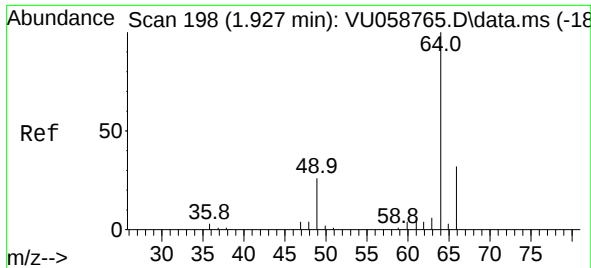
Tgt Ion: 94 Resp: 28491

Ion Ratio Lower Upper

94 100

96 93.0 62.2 115.6

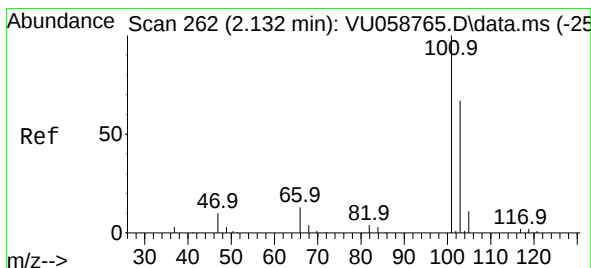
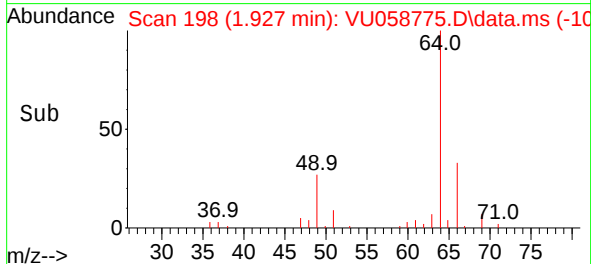
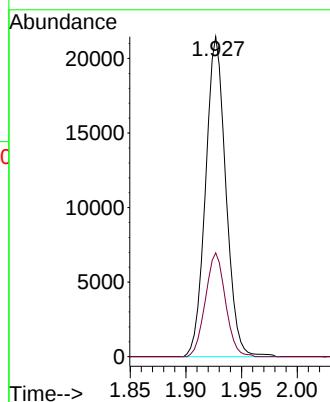
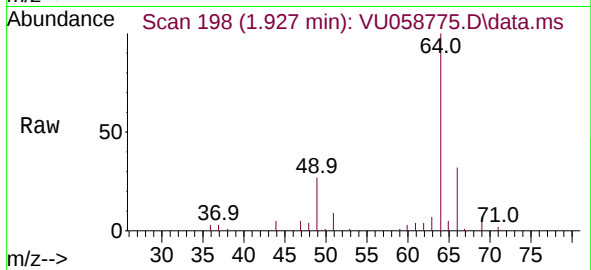




#8
Chloroethane
Concen: 5.281 ug/L
RT: 1.927 min Scan# 198
Delta R.T. 0.000 min
Lab File: VU058775.D
Acq: 23 Apr 2024 09:31

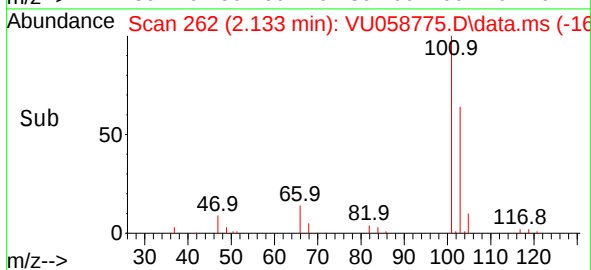
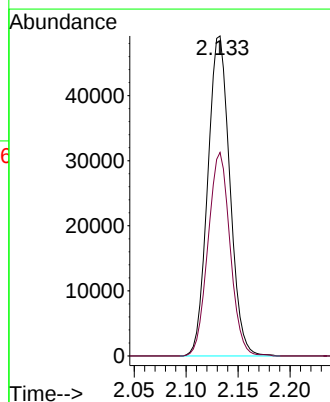
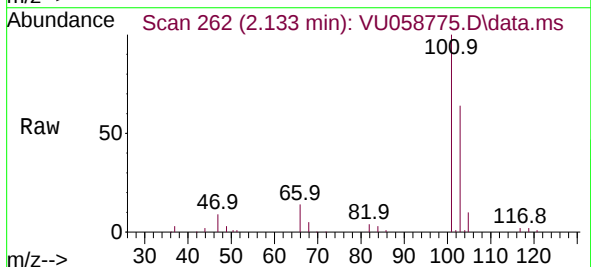
Instrument :
MSVOA_U
ClientSampleId :

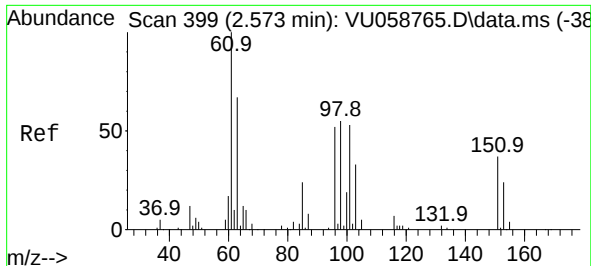
Tgt Ion: 64 Resp: 27134
Ion Ratio Lower Upper
64 100
66 32.5 22.4 41.6



#9
Trichlorofluoromethane
Concen: 5.079 ug/L
RT: 2.133 min Scan# 262
Delta R.T. 0.000 min
Lab File: VU058775.D
Acq: 23 Apr 2024 09:31

Tgt Ion:101 Resp: 72518
Ion Ratio Lower Upper
101 100
103 63.5 52.6 78.8

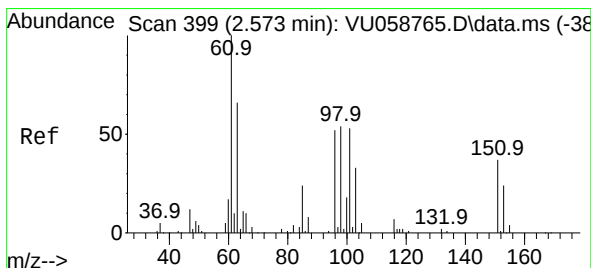
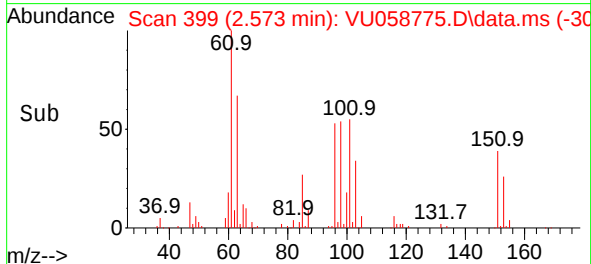
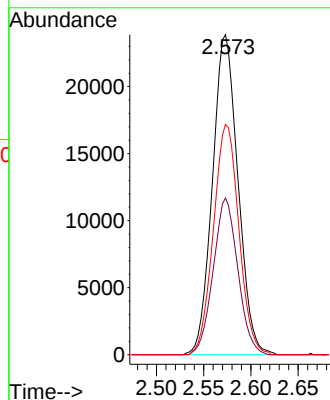
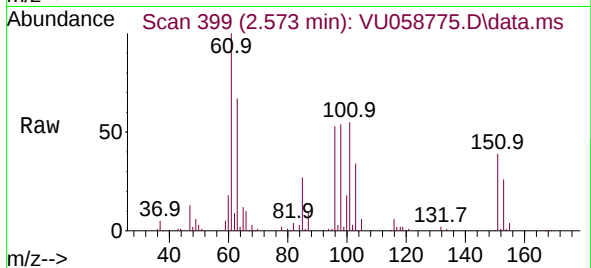




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.266 ug/L
 RT: 2.573 min Scan# 399
 Delta R.T. 0.000 min
 Lab File: VU058775.D
 Acq: 23 Apr 2024 09:31

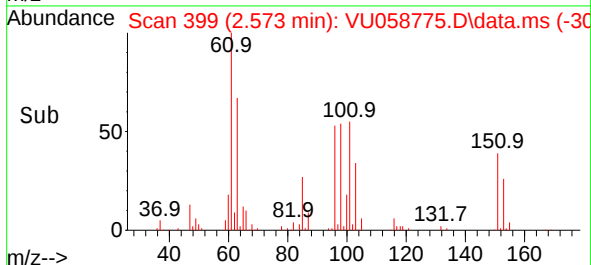
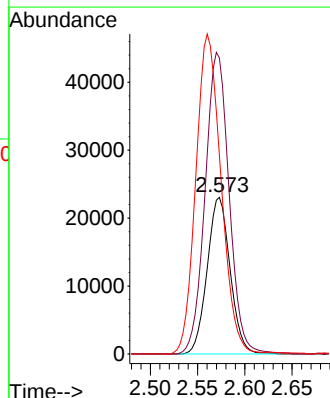
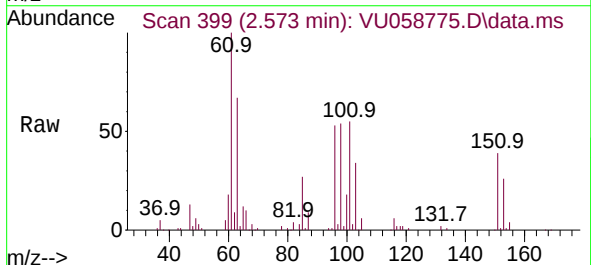
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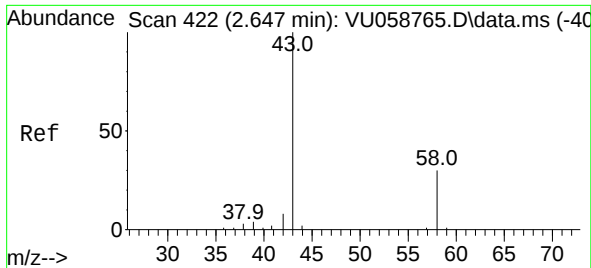
Tgt Ion:101 Resp: 44815
 Ion Ratio Lower Upper
 101 100
 85 47.2 36.7 55.1
 151 71.8 56.6 84.8



#12
 1,1-Dichloroethene
 Concen: 5.093 ug/L
 RT: 2.573 min Scan# 399
 Delta R.T. 0.000 min
 Lab File: VU058775.D
 Acq: 23 Apr 2024 09:31

Tgt Ion: 96 Resp: 38897
 Ion Ratio Lower Upper
 96 100
 61 188.9 135.3 251.3
 63 126.7 91.9 170.7





#13

Acetone

Concen: 51.948 ug/L

RT: 2.644 min Scan# 421

Delta R.T. -0.003 min

Lab File: VU058775.D

Acq: 23 Apr 2024 09:31

Instrument :

MSVOA_U

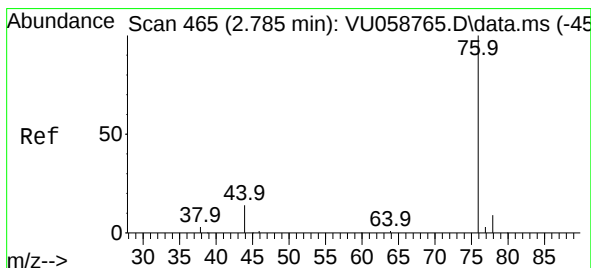
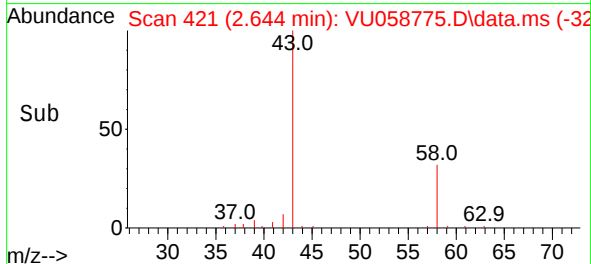
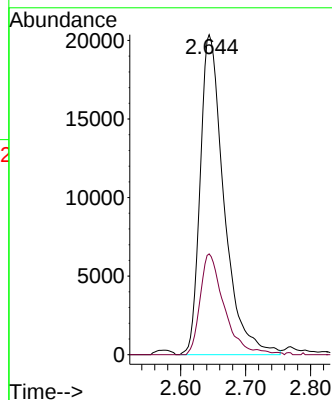
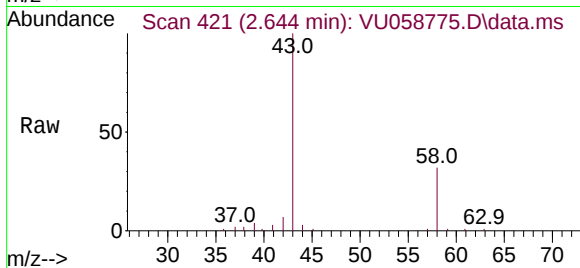
ClientSampleId :

Tgt Ion: 43 Resp: 52035

Ion Ratio Lower Upper

43 100

58 30.8 0.0 61.2



#14

Carbon disulfide

Concen: 5.058 ug/L

RT: 2.785 min Scan# 465

Delta R.T. 0.000 min

Lab File: VU058775.D

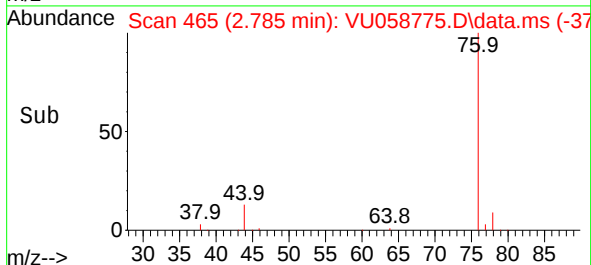
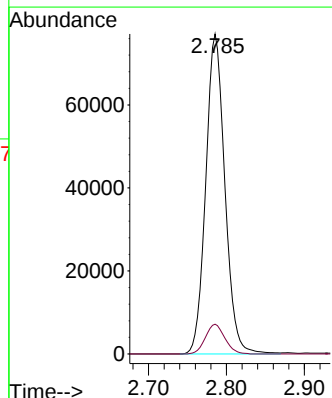
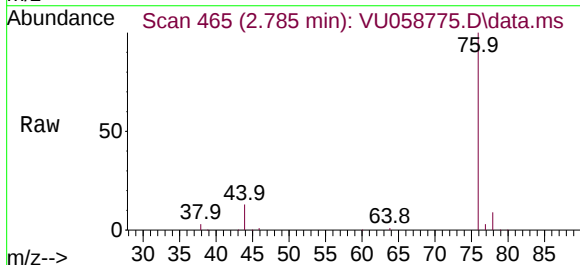
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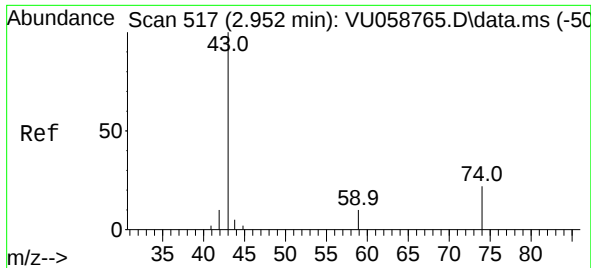
Tgt Ion: 76 Resp: 131394

Ion Ratio Lower Upper

76 100

78 9.3 7.4 11.2





#15

Methyl Acetate

Concen: 5.646 ug/L

RT: 2.949 min Scan# 51

Delta R.T. -0.003 min

Lab File: VU058775.D

Acq: 23 Apr 2024 09:31

Instrument :

MSVOA_U

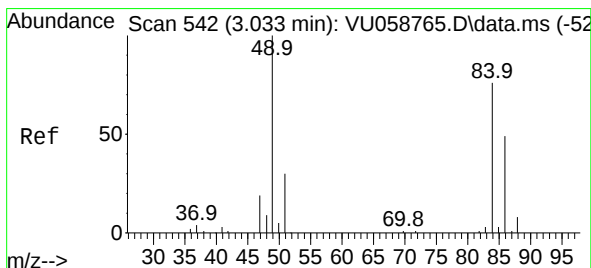
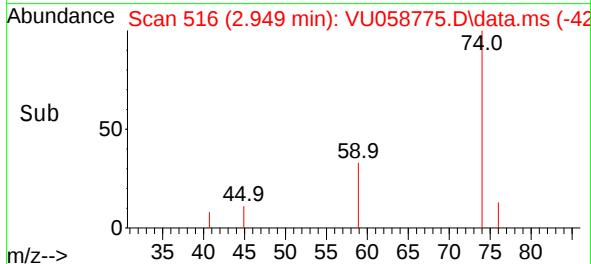
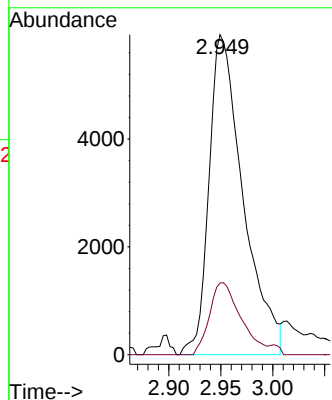
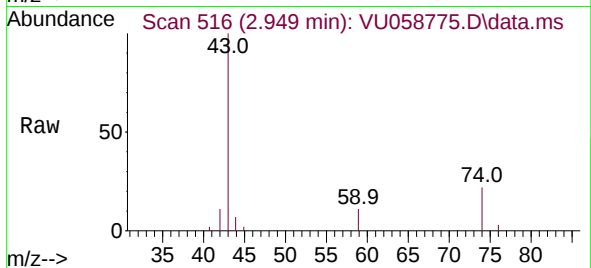
ClientSampleId :

Tgt Ion: 43 Resp: 13560

Ion Ratio Lower Upper

43 100

74 20.6 18.2 27.4



#16

Methylene chloride

Concen: 5.115 ug/L

RT: 3.036 min Scan# 543

Delta R.T. 0.003 min

Lab File: VU058775.D

Acq: 23 Apr 2024 09:31

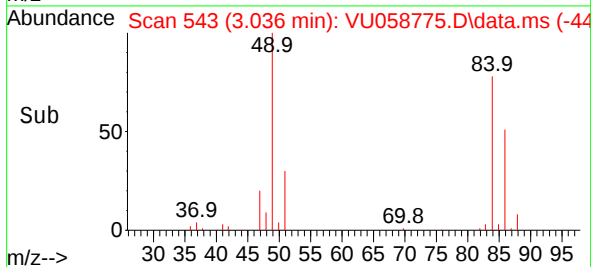
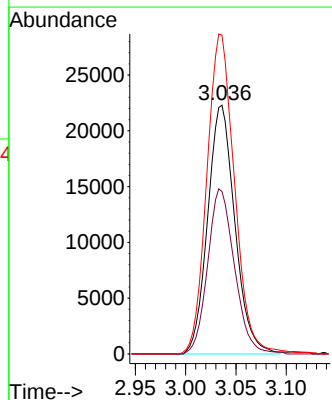
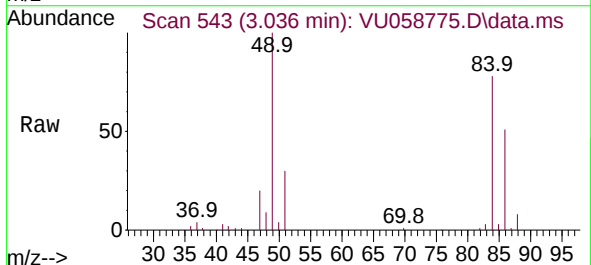
Tgt Ion: 84 Resp: 42041

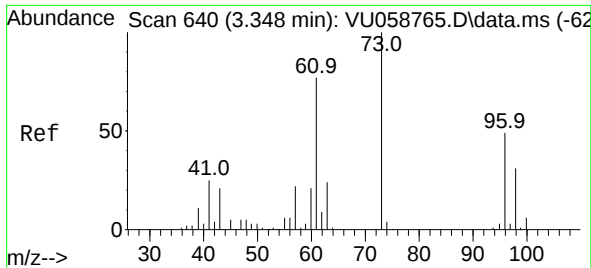
Ion Ratio Lower Upper

84 100

86 65.4 45.0 83.6

49 128.2 91.6 170.2

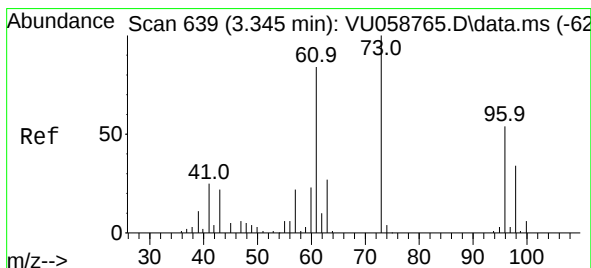
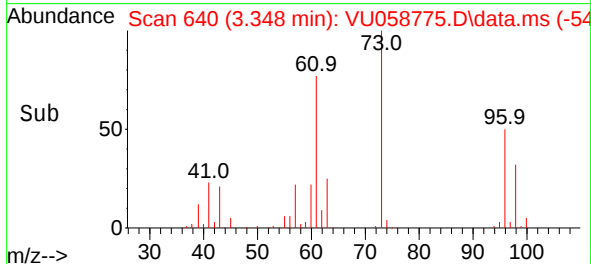
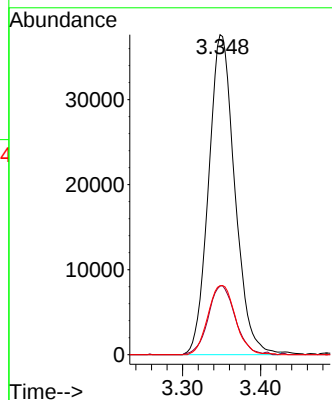
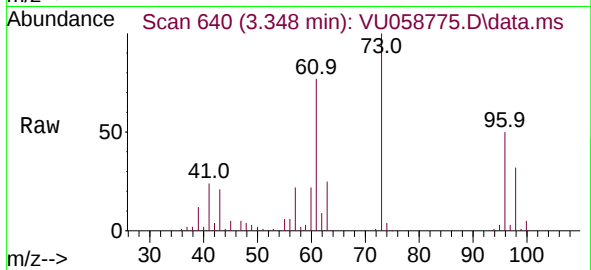




#17
Methyl tert-butyl Ether
Concen: 5.082 ug/L
RT: 3.348 min Scan# 640
Delta R.T. 0.000 min
Lab File: VU058775.D
Acq: 23 Apr 2024 09:31

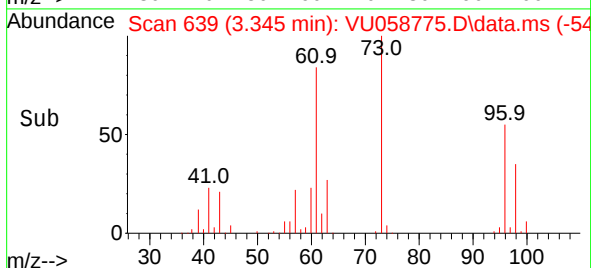
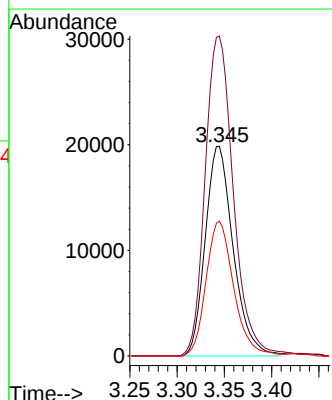
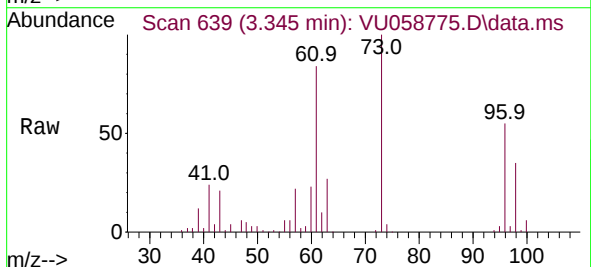
Instrument :
MSVOA_U
ClientSampleId :

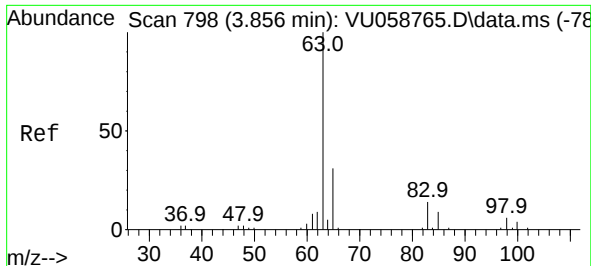
Tgt Ion: 73 Resp: 87870
Ion Ratio Lower Upper
73 100
43 22.1 17.7 26.5
57 22.6 17.0 25.4



#18
trans-1,2-Dichloroethene
Concen: 5.343 ug/L
RT: 3.345 min Scan# 639
Delta R.T. 0.000 min
Lab File: VU058775.D
Acq: 23 Apr 2024 09:31

Tgt Ion: 96 Resp: 40872
Ion Ratio Lower Upper
96 100
61 152.7 108.6 201.8
98 64.3 44.4 82.4

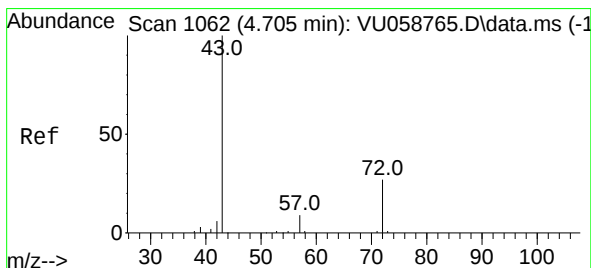
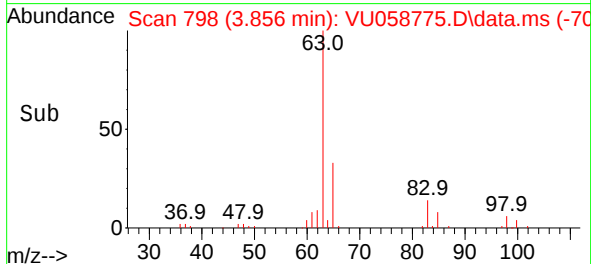
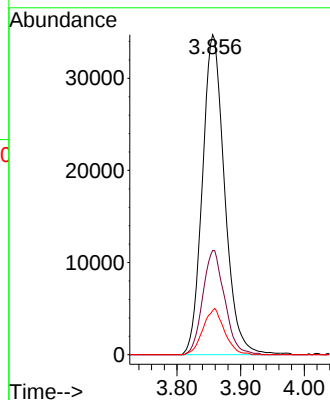
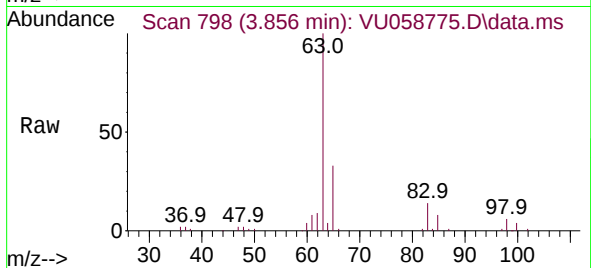




#19
1,1-Dichloroethane
Concen: 5.193 ug/L
RT: 3.856 min Scan# 798
Delta R.T. 0.000 min
Lab File: VU058775.D
Acq: 23 Apr 2024 09:31

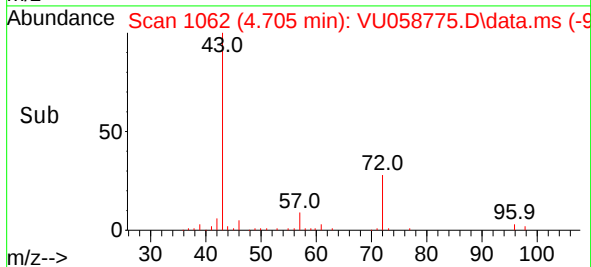
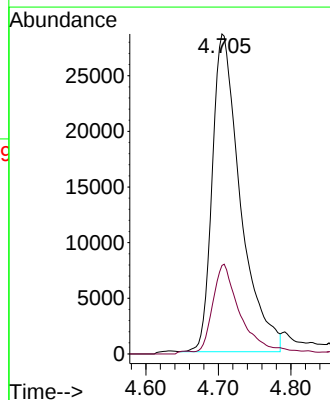
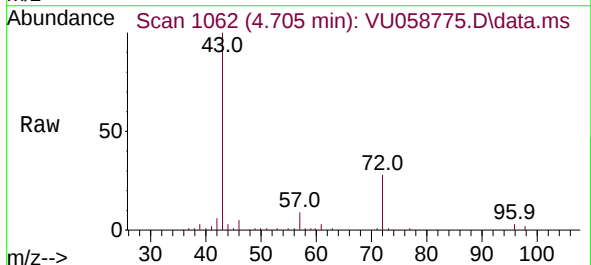
Instrument :
MSVOA_U
ClientSampleId :

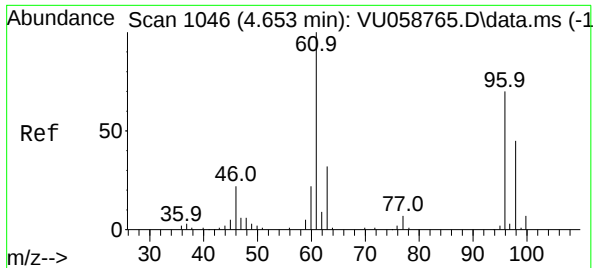
Tgt Ion: 63 Resp: 84120
Ion Ratio Lower Upper
63 100
65 32.6 21.6 40.2
83 13.8 9.5 17.7



#21
2-Butanone
Concen: 48.960 ug/L
RT: 4.705 min Scan# 1062
Delta R.T. 0.000 min
Lab File: VU058775.D
Acq: 23 Apr 2024 09:31

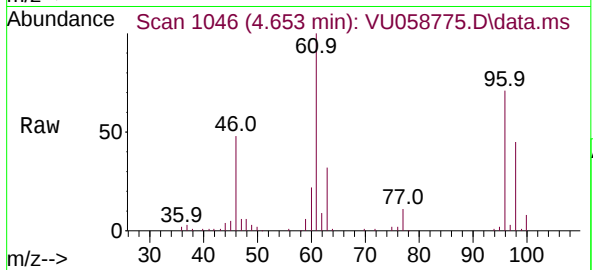
Tgt Ion: 43 Resp: 77119
Ion Ratio Lower Upper
43 100
72 26.8 12.8 38.4





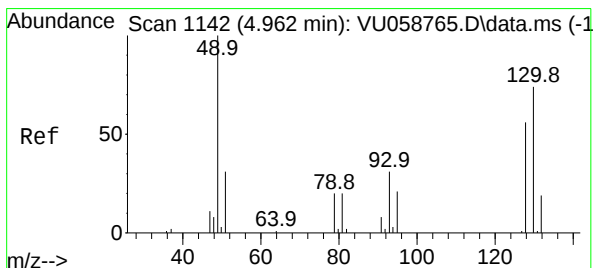
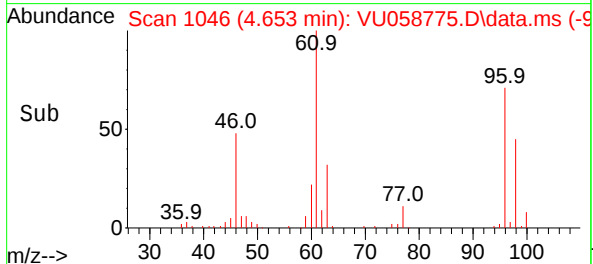
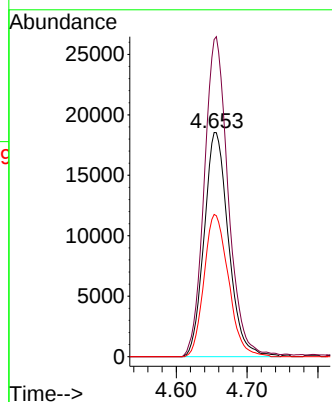
#22
cis-1,2-Dichloroethene
Concen: 5.262 ug/L
RT: 4.653 min Scan# 1046
Delta R.T. 0.000 min
Lab File: VU058775.D
Acq: 23 Apr 2024 09:31

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 96 Resp: 44222

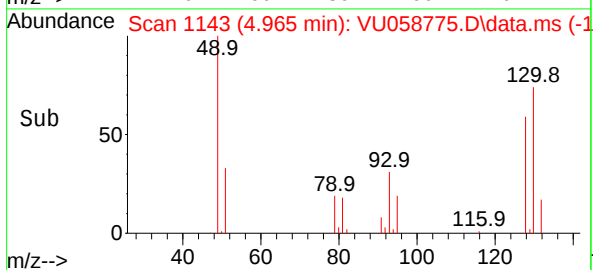
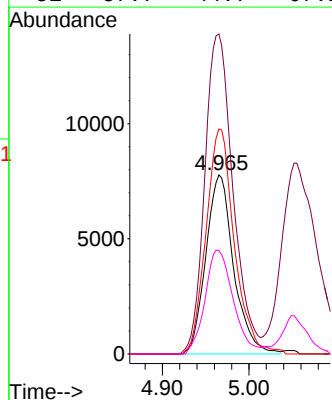
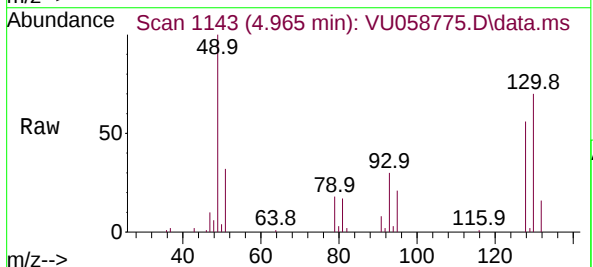
Ion	Ratio	Lower	Upper
96	100		
61	141.5	100.4	186.4
98	63.5	45.1	83.7

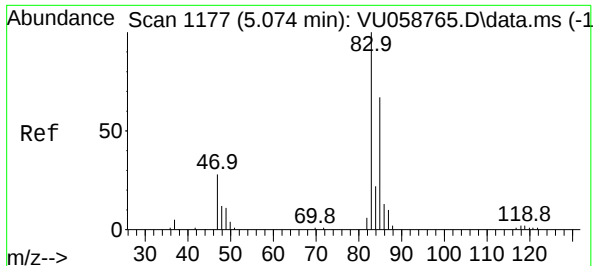


#23
Bromochloromethane
Concen: 5.268 ug/L
RT: 4.965 min Scan# 1143
Delta R.T. 0.003 min
Lab File: VU058775.D
Acq: 23 Apr 2024 09:31

Tgt Ion: 128 Resp: 17333

Ion	Ratio	Lower	Upper
128	100		
49	178.7	129.1	239.7
130	125.6	92.1	171.1
51	57.7	44.7	67.1





#25

Chloroform

Concen: 5.142 ug/L

RT: 5.078 min Scan# 1177

Delta R.T. 0.003 min

Lab File: VU058775.D

Acq: 23 Apr 2024 09:31

Instrument :

MSVOA_U

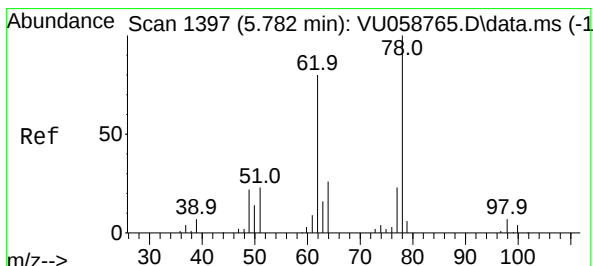
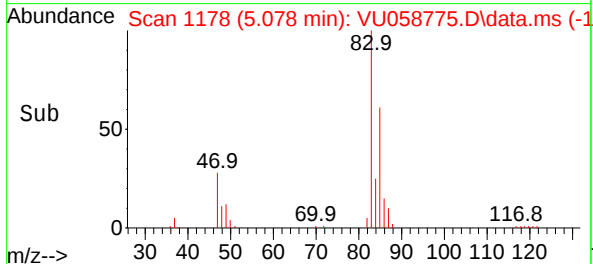
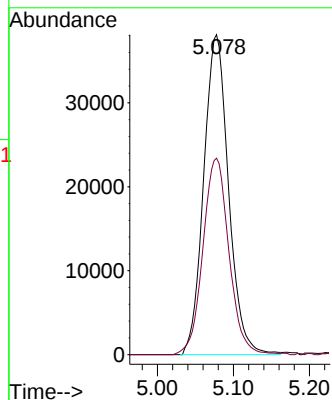
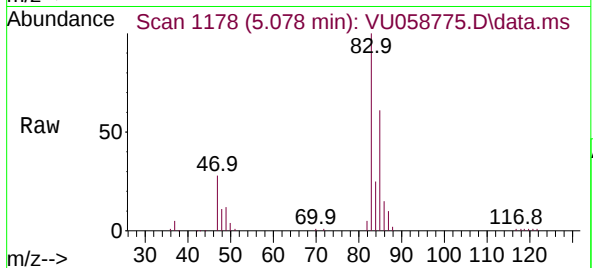
ClientSampleId :

Tgt Ion: 83 Resp: 86585

Ion Ratio Lower Upper

83 100

85 61.4 47.0 87.4



#27

1,2-Dichloroethane

Concen: 5.135 ug/L

RT: 5.782 min Scan# 1397

Delta R.T. 0.000 min

Lab File: VU058775.D

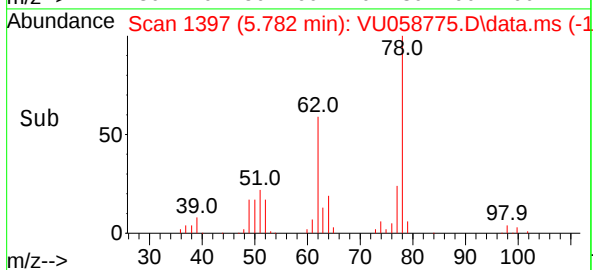
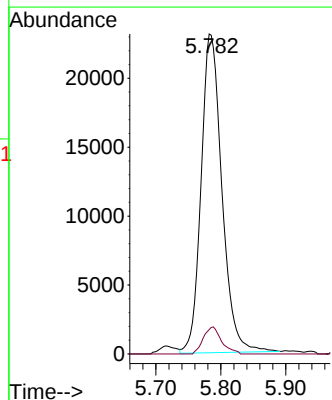
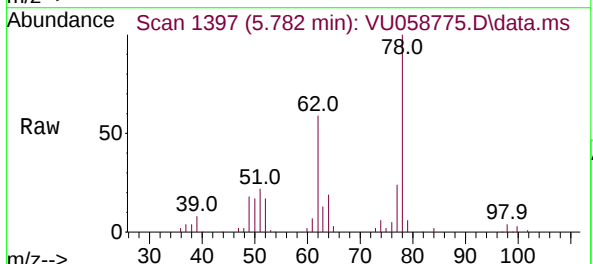
Acq: 23 Apr 2024 09:31

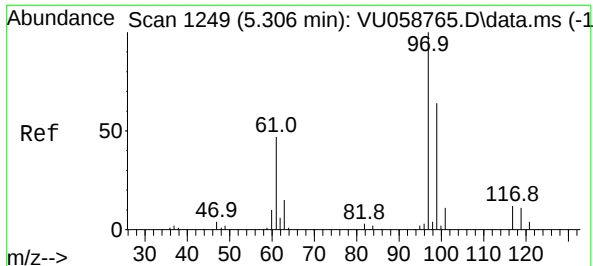
Tgt Ion: 62 Resp: 51723

Ion Ratio Lower Upper

62 100

98 7.6 6.7 10.1

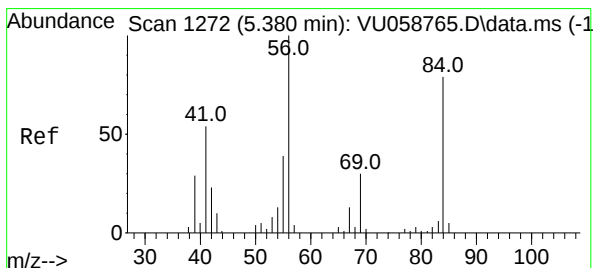
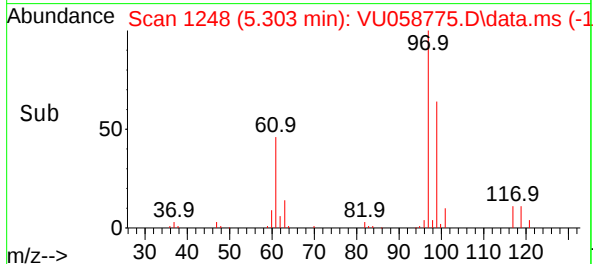
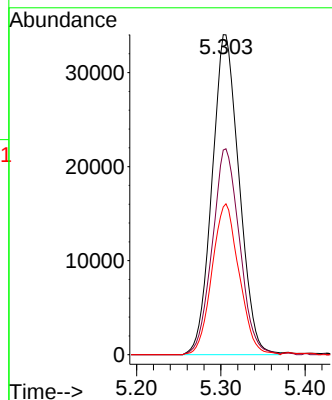
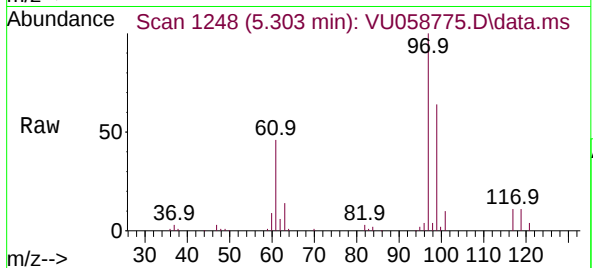




#29
1,1,1-Trichloroethane
Concen: 5.211 ug/L
RT: 5.303 min Scan# 1248
Delta R.T. -0.003 min
Lab File: VU058775.D
Acq: 23 Apr 2024 09:31

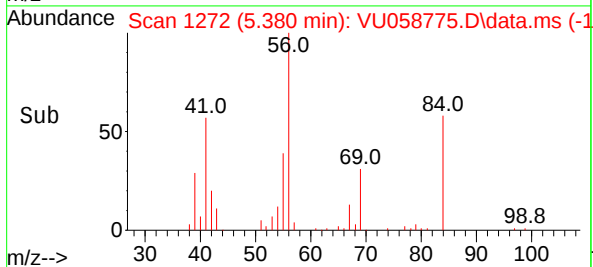
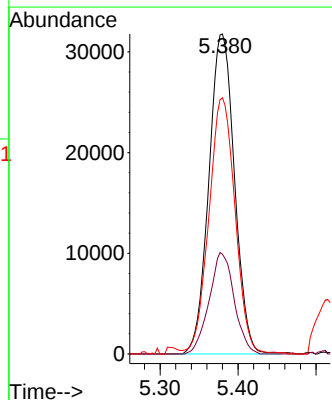
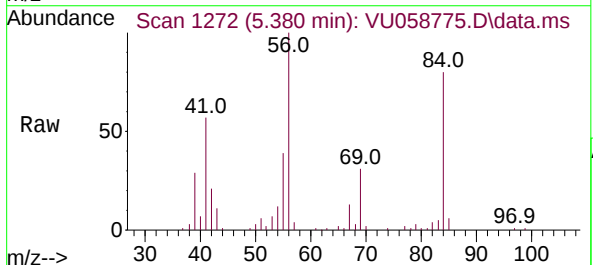
Instrument :
MSVOA_U
ClientSampleId :

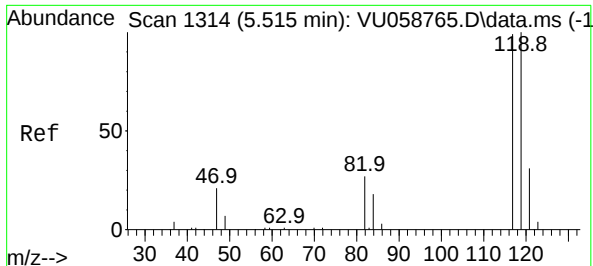
Tgt Ion: 97 Resp: 76034
Ion Ratio Lower Upper
97 100
99 64.9 50.5 75.7
61 47.1 37.3 55.9



#30
Cyclohexane
Concen: 5.280 ug/L
RT: 5.380 min Scan# 1272
Delta R.T. 0.000 min
Lab File: VU058775.D
Acq: 23 Apr 2024 09:31

Tgt Ion: 56 Resp: 72726
Ion Ratio Lower Upper
56 100
69 30.9 23.7 35.5
84 80.2 64.2 96.4

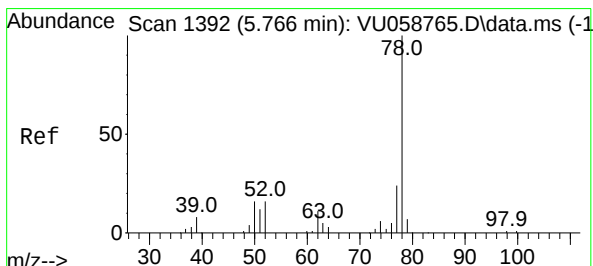
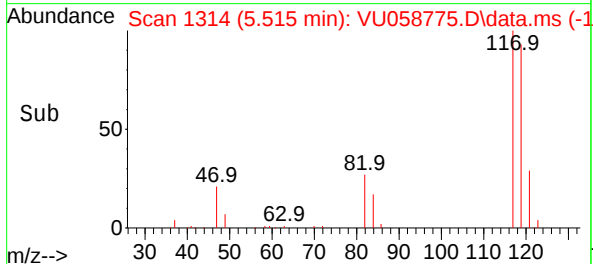
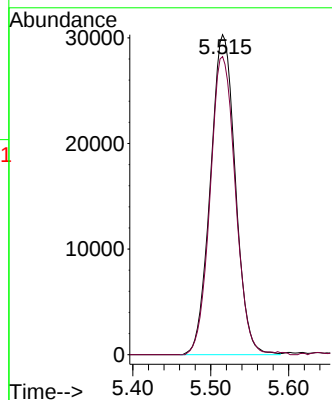
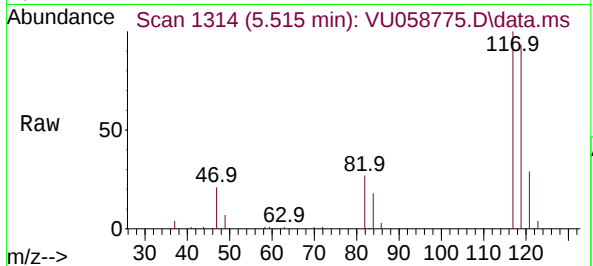




#31
Carbon tetrachloride
Concen: 5.239 ug/L
RT: 5.515 min Scan# 1314
Delta R.T. 0.000 min
Lab File: VU058775.D
Acq: 23 Apr 2024 09:31

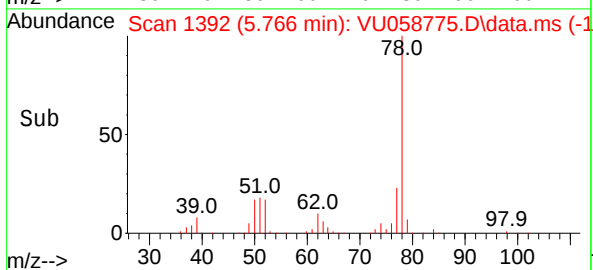
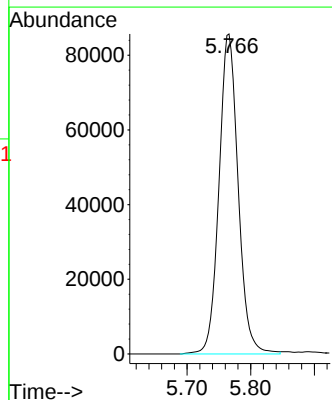
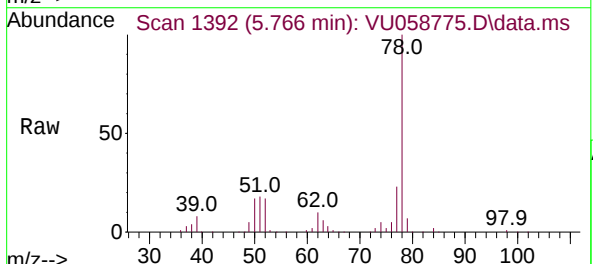
Instrument :
MSVOA_U
ClientSampleId :

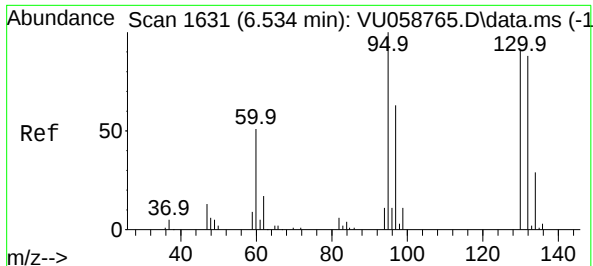
Tgt Ion:117 Resp: 67579
Ion Ratio Lower Upper
117 100
119 94.2 77.0 115.4



#33
Benzene
Concen: 5.307 ug/L
RT: 5.766 min Scan# 1392
Delta R.T. 0.000 min
Lab File: VU058775.D
Acq: 23 Apr 2024 09:31

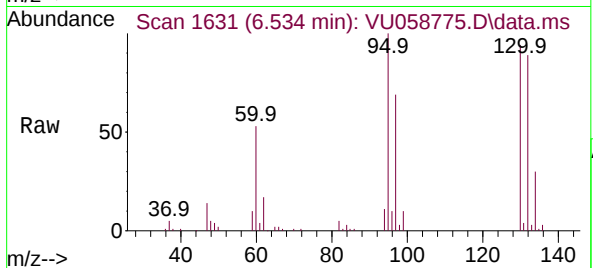
Tgt Ion: 78 Resp: 179518



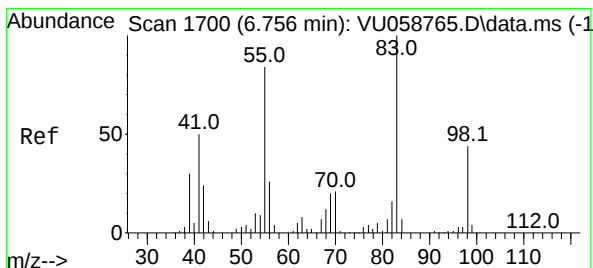
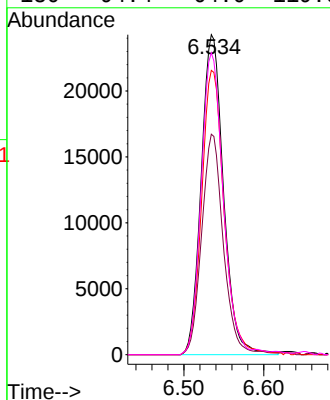
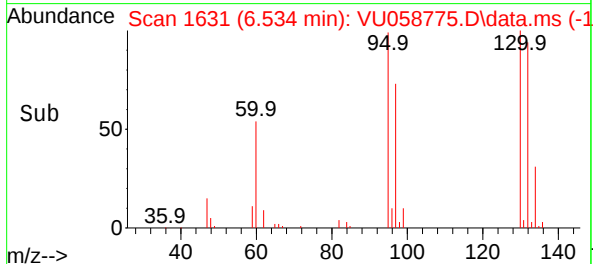


#34
Trichloroethene
Concen: 5.123 ug/L
RT: 6.534 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU058775.D
Acq: 23 Apr 2024 09:31

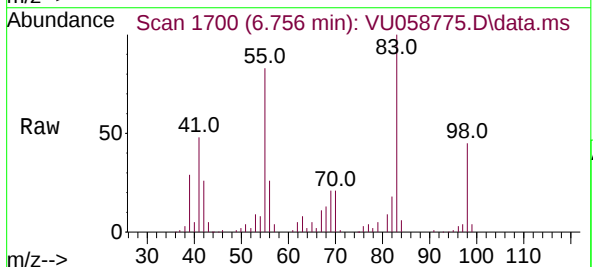
Instrument :
MSVOA_U
ClientSampleId :



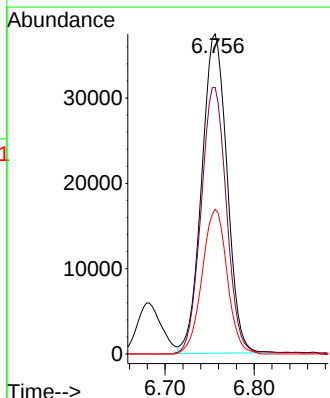
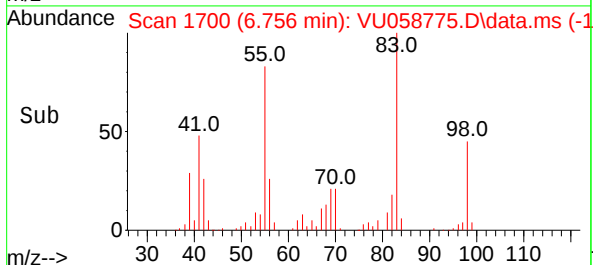
Tgt Ion: 95 Resp: 47159
Ion Ratio Lower Upper
95 100
97 68.9 44.4 82.4
132 88.9 61.6 114.4
130 94.4 64.0 119.0

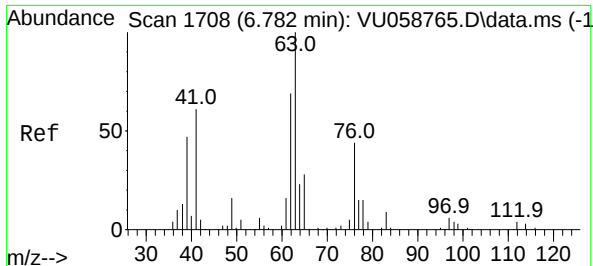


#35
Methylcyclohexane
Concen: 5.289 ug/L
RT: 6.756 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VU058775.D
Acq: 23 Apr 2024 09:31



Tgt Ion: 83 Resp: 73977
Ion Ratio Lower Upper
83 100
55 83.6 66.6 100.0
98 44.9 35.4 53.2

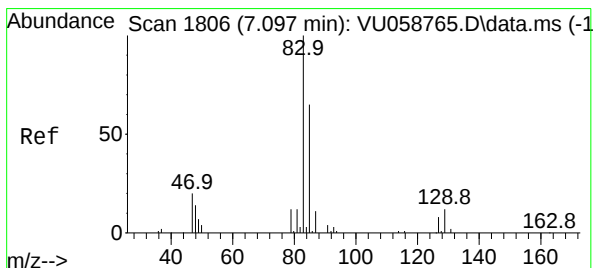
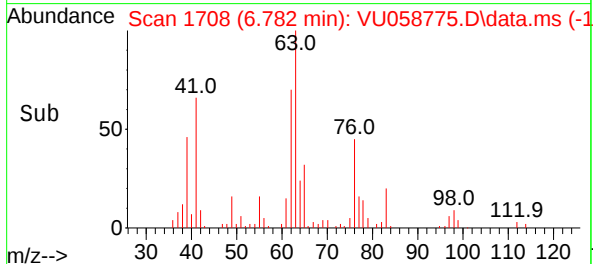
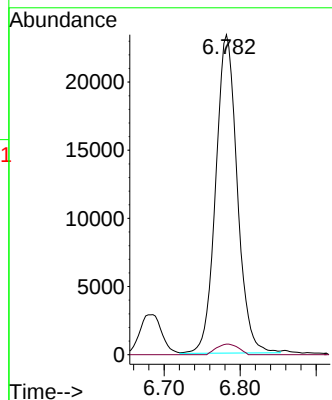
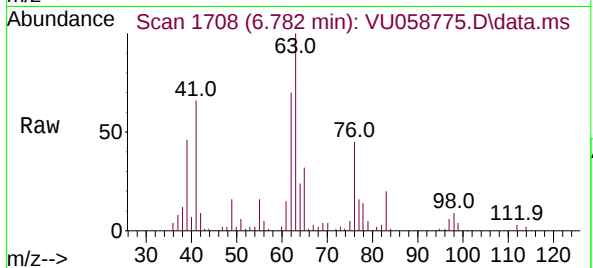




#37
1,2-Dichloropropane
Concen: 5.194 ug/L
RT: 6.782 min Scan# 1708
Delta R.T. 0.000 min
Lab File: VU058775.D
Acq: 23 Apr 2024 09:31

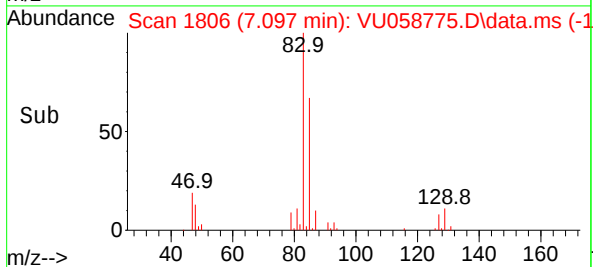
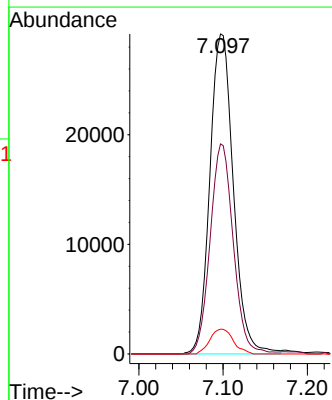
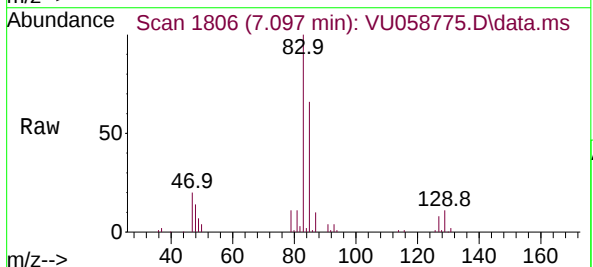
Instrument :
MSVOA_U
ClientSampleId :

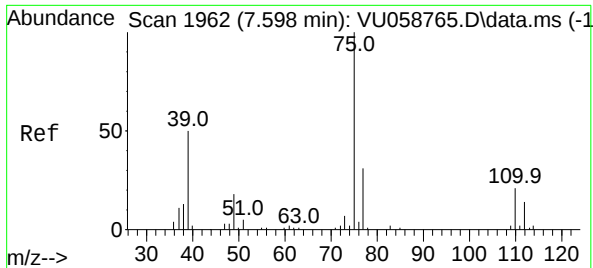
Tgt Ion: 63 Resp: 45892
Ion Ratio Lower Upper
63 100
112 3.4 2.8 4.2



#38
Bromodichloromethane
Concen: 5.164 ug/L
RT: 7.097 min Scan# 1806
Delta R.T. 0.000 min
Lab File: VU058775.D
Acq: 23 Apr 2024 09:31

Tgt Ion: 83 Resp: 56523
Ion Ratio Lower Upper
83 100
85 65.7 45.2 84.0
127 7.8 6.3 9.5

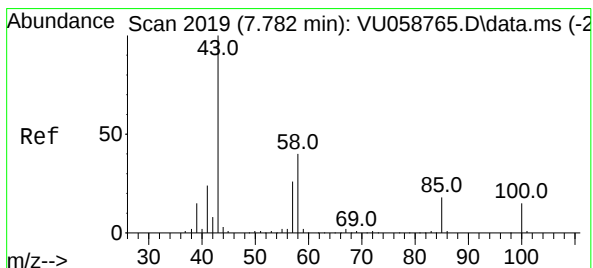
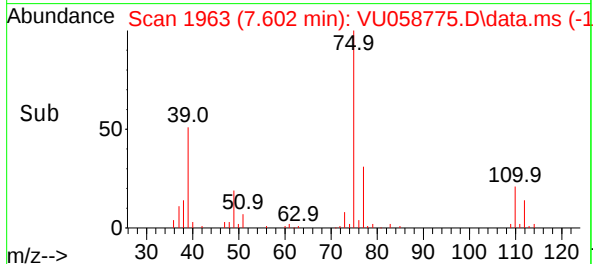
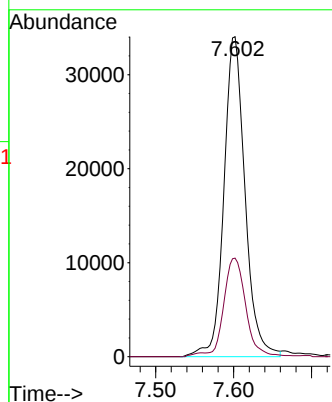
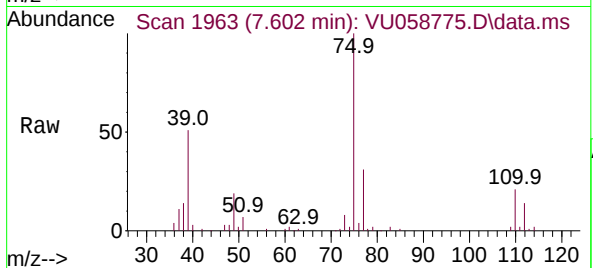




#39
cis-1,3-Dichloropropene
Concen: 5.244 ug/L
RT: 7.602 min Scan# 1963
Delta R.T. 0.003 min
Lab File: VU058775.D
Acq: 23 Apr 2024 09:31

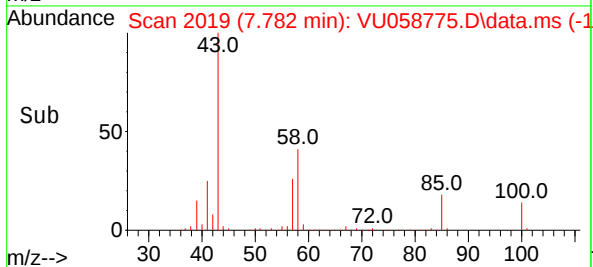
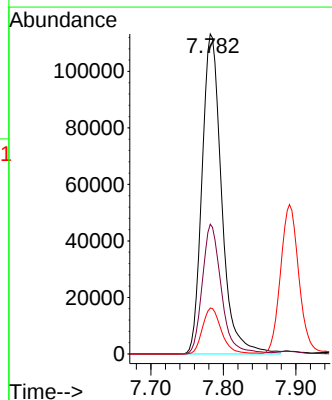
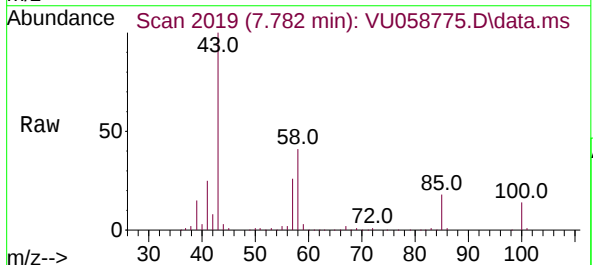
Instrument :
MSVOA_U
ClientSampleId :

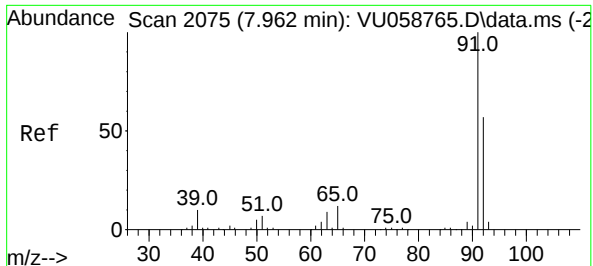
Tgt Ion: 75 Resp: 64143
Ion Ratio Lower Upper
75 100
77 30.8 21.9 40.7



#40
4-Methyl-2-pentanone
Concen: 54.541 ug/L
RT: 7.782 min Scan# 2019
Delta R.T. 0.000 min
Lab File: VU058775.D
Acq: 23 Apr 2024 09:31

Tgt Ion: 43 Resp: 212715
Ion Ratio Lower Upper
43 100
58 39.4 31.5 47.3
100 14.0 11.4 17.0





#42

Toluene

Concen: 5.396 ug/L

RT: 7.962 min Scan# 2075

Delta R.T. 0.000 min

Lab File: VU058775.D

Acq: 23 Apr 2024 09:31

Instrument :

MSVOA_U

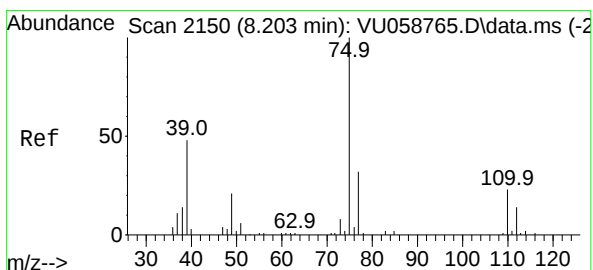
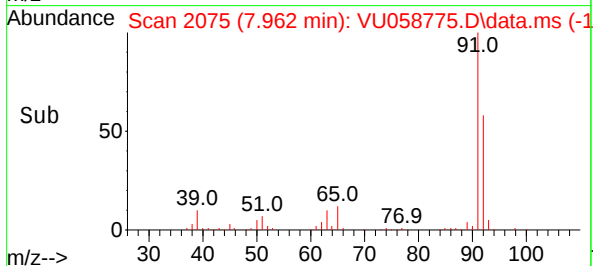
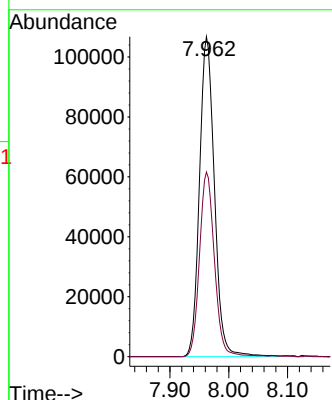
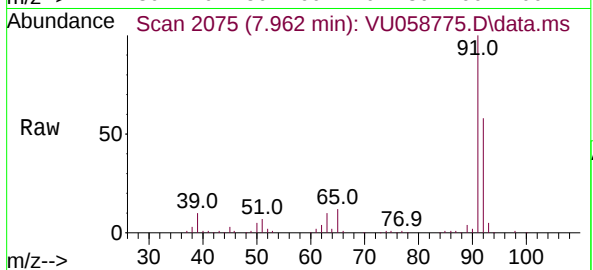
ClientSampleId :

Tgt Ion: 91 Resp: 188650

Ion Ratio Lower Upper

91 100

92 57.7 40.0 74.2



#44

trans-1,3-Dichloropropene

Concen: 5.550 ug/L

RT: 8.203 min Scan# 2150

Delta R.T. 0.000 min

Lab File: VU058775.D

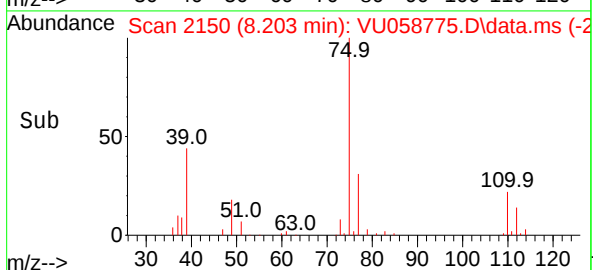
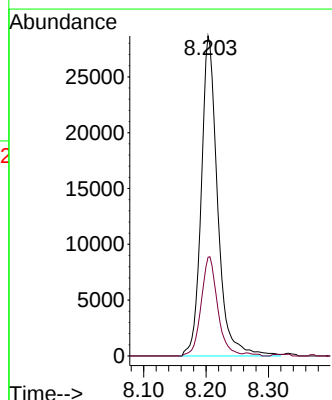
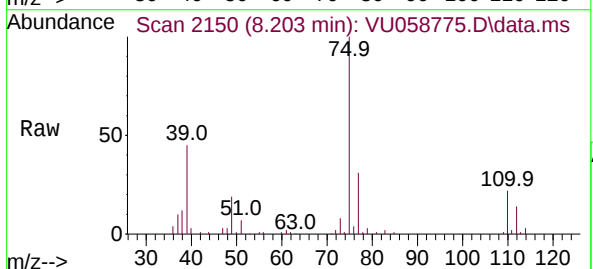
Acq: 23 Apr 2024 09:31

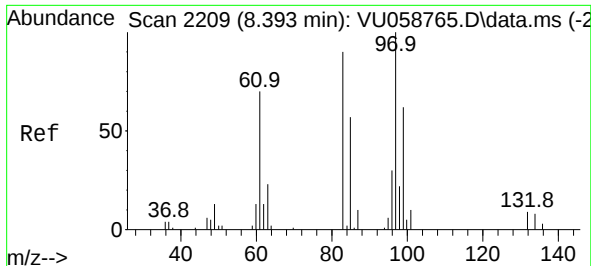
Tgt Ion: 75 Resp: 52268

Ion Ratio Lower Upper

75 100

77 30.9 22.1 41.1

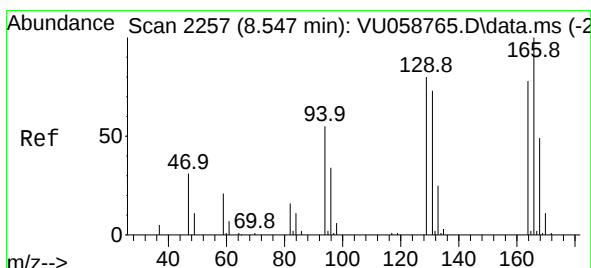
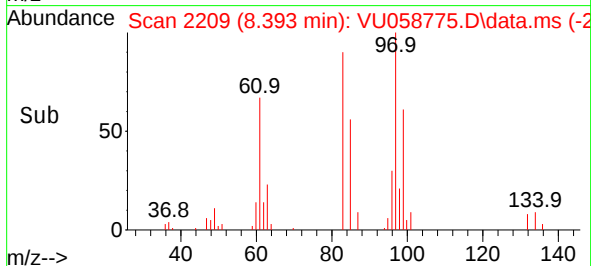
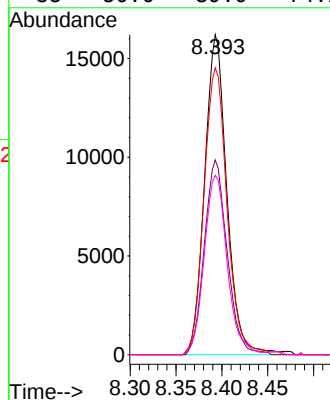
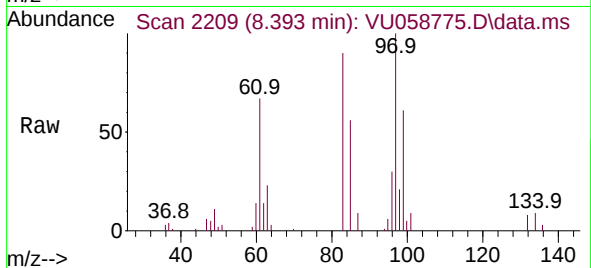




#45
1,1,2-Trichloroethane
Concen: 5.373 ug/L
RT: 8.393 min Scan# 2209
Delta R.T. 0.000 min
Lab File: VU058775.D
Acq: 23 Apr 2024 09:31

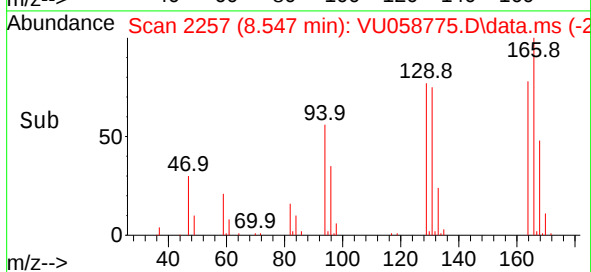
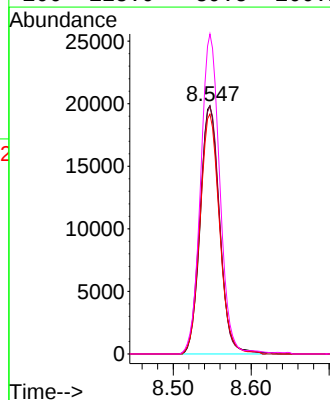
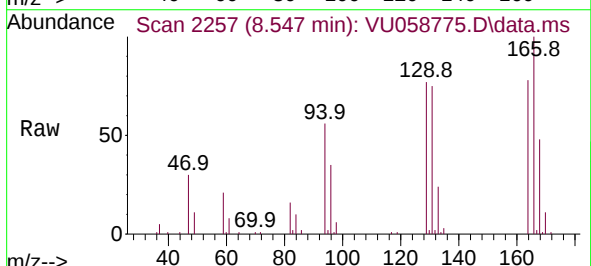
Instrument :
MSVOA_U
ClientSampleId :

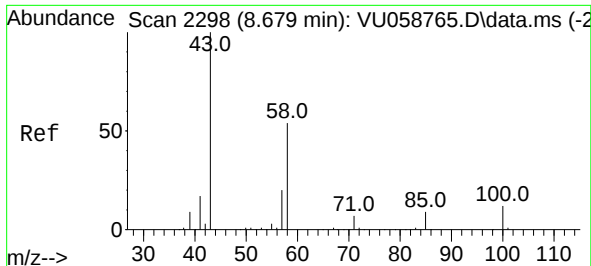
Tgt Ion:	97	Resp:	27318
Ion	Ratio	Lower	Upper
97	100		
99	60.9	43.7	81.1
83	89.7	62.9	116.9
85	56.0	39.9	74.1



#47
Tetrachloroethene
Concen: 5.293 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. 0.000 min
Lab File: VU058775.D
Acq: 23 Apr 2024 09:31

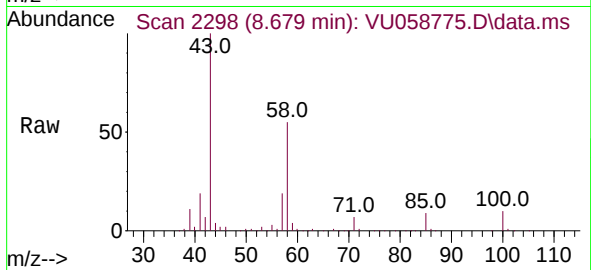
Tgt Ion:	164	Resp:	34189
Ion	Ratio	Lower	Upper
164	100		
129	99.7	71.5	132.9
131	96.7	65.0	120.6
166	128.9	89.5	166.1



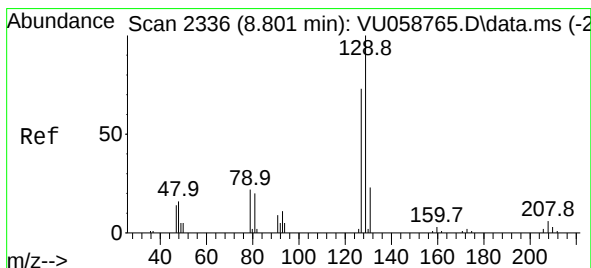
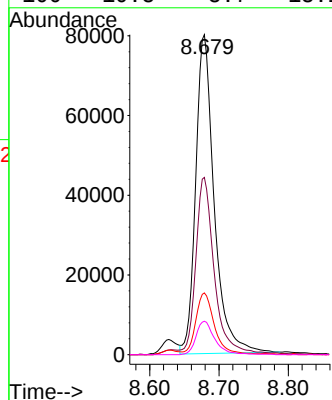
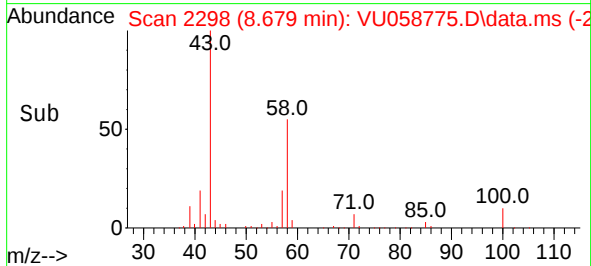


#48
2-Hexanone
Concen: 53.772 ug/L
RT: 8.679 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU058775.D
Acq: 23 Apr 2024 09:31

Instrument :
MSVOA_U
ClientSampleId :

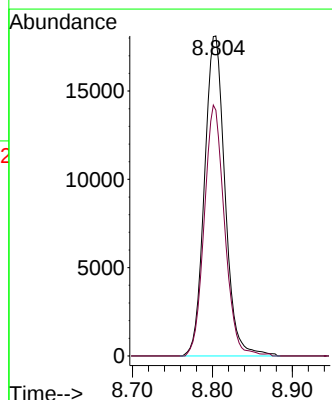
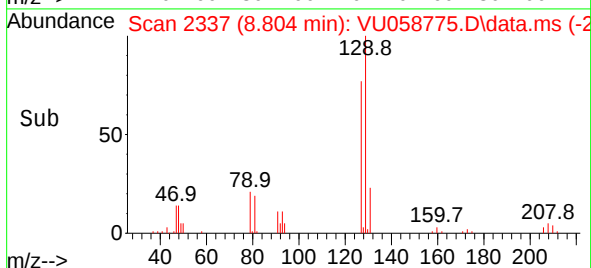
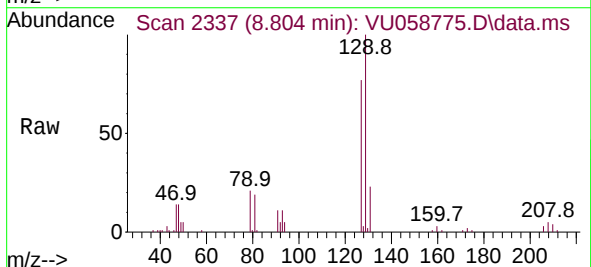


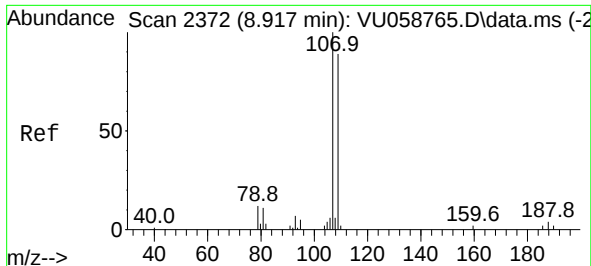
Tgt Ion: 43 Resp: 148975
Ion Ratio Lower Upper
43 100
58 54.2 43.7 65.5
57 19.6 15.0 22.4
100 10.8 8.7 13.1



#49
Dibromochloromethane
Concen: 5.430 ug/L
RT: 8.804 min Scan# 2337
Delta R.T. 0.003 min
Lab File: VU058775.D
Acq: 23 Apr 2024 09:31

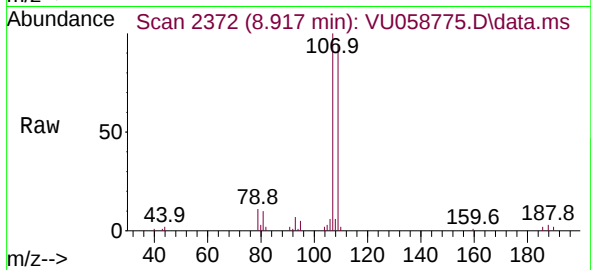
Tgt Ion: 129 Resp: 32331
Ion Ratio Lower Upper
129 100
127 76.8 51.0 94.8



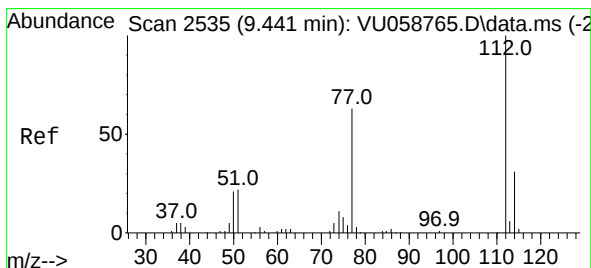
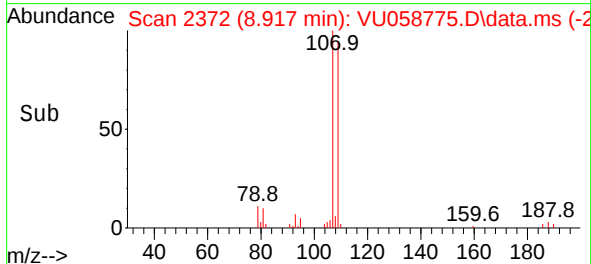
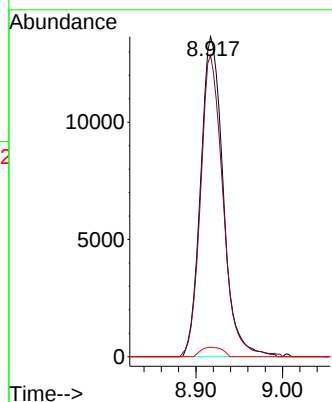


#50
1,2-Dibromoethane
Concen: 5.275 ug/L
RT: 8.917 min Scan# 2372
Delta R.T. 0.000 min
Lab File: VU058775.D
Acq: 23 Apr 2024 09:31

Instrument :
MSVOA_U
ClientSampleId :

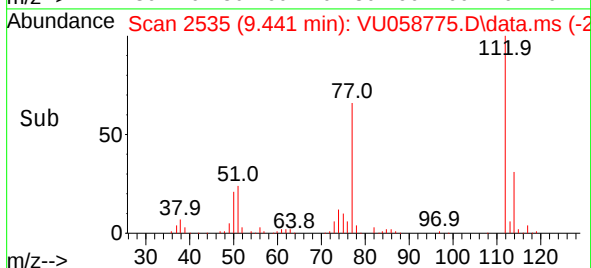
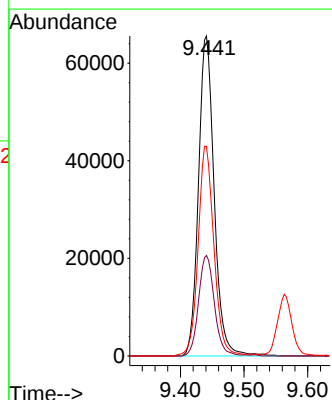
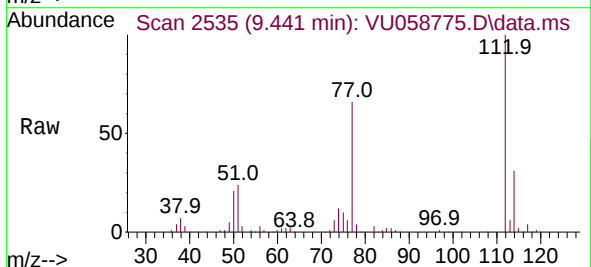


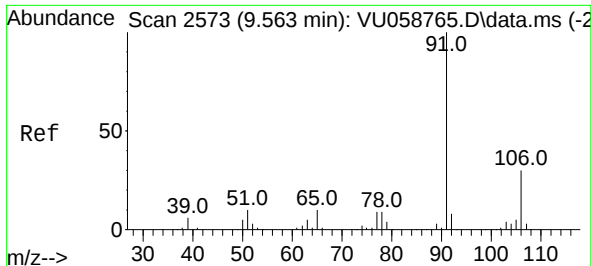
Tgt Ion:107 Resp: 24675
Ion Ratio Lower Upper
107 100
109 94.2 62.3 115.7
188 2.9 2.9 4.3



#51
Chlorobenzene
Concen: 5.279 ug/L
RT: 9.441 min Scan# 2535
Delta R.T. 0.000 min
Lab File: VU058775.D
Acq: 23 Apr 2024 09:31

Tgt Ion:112 Resp: 112445
Ion Ratio Lower Upper
112 100
114 31.4 21.7 40.3
77 65.5 50.5 75.7

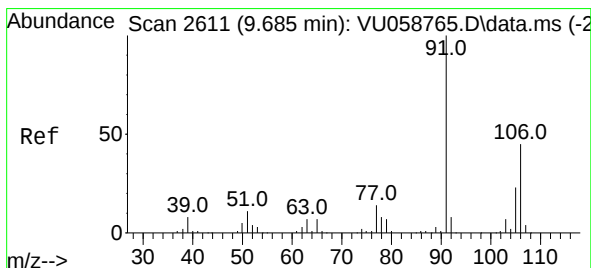
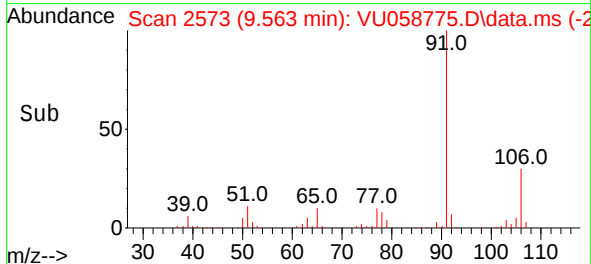
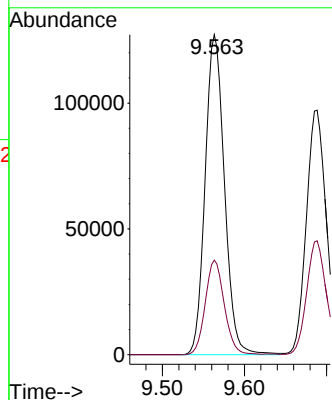
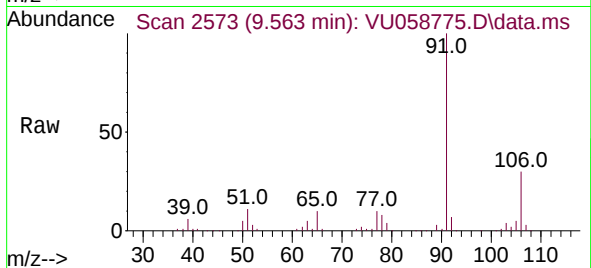




#52
Ethylbenzene
Concen: 5.391 ug/L
RT: 9.563 min Scan# 2573
Delta R.T. 0.000 min
Lab File: VU058775.D
Acq: 23 Apr 2024 09:31

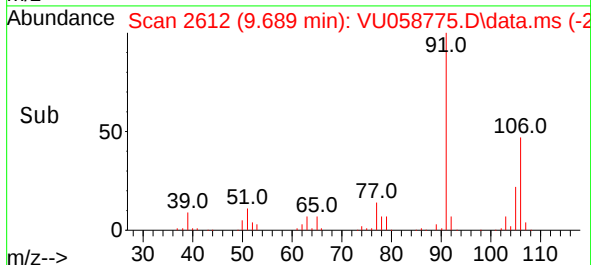
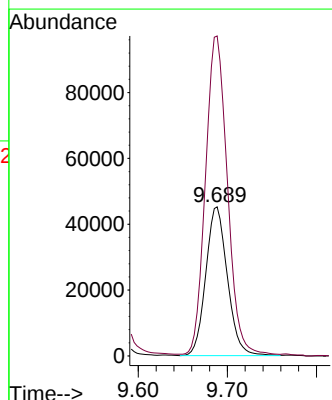
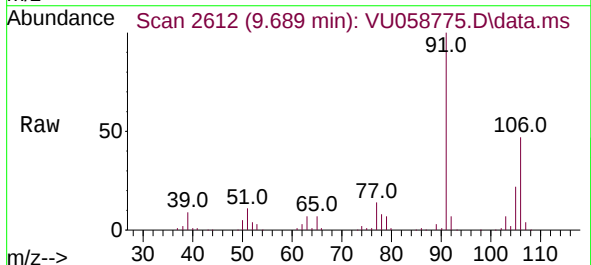
Instrument :
MSVOA_U
ClientSampleId :

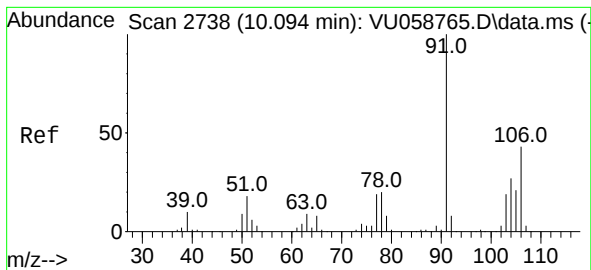
Tgt Ion: 91 Resp: 207854
Ion Ratio Lower Upper
91 100
106 29.5 20.9 38.9



#53
m,p-Xylene
Concen: 5.367 ug/L
RT: 9.689 min Scan# 2612
Delta R.T. 0.003 min
Lab File: VU058775.D
Acq: 23 Apr 2024 09:31

Tgt Ion: 106 Resp: 76009
Ion Ratio Lower Upper
106 100
91 214.6 155.1 288.1





#54

o-Xylene

Concen: 5.381 ug/L

RT: 10.094 min Scan# 2738

Delta R.T. 0.000 min

Lab File: VU058775.D

Acq: 23 Apr 2024 09:31

Instrument :

MSVOA_U

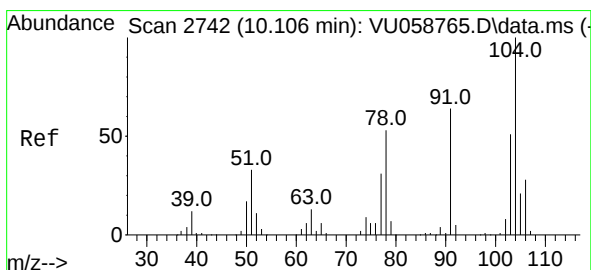
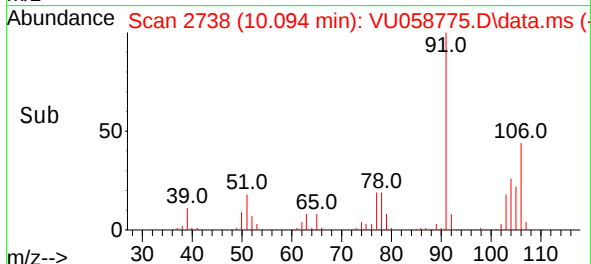
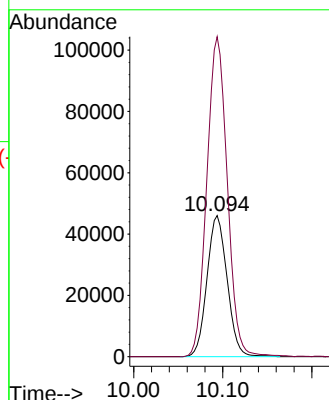
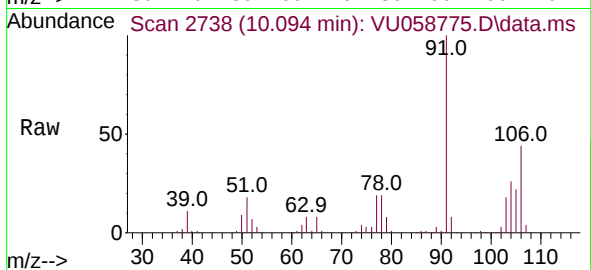
ClientSampleId :

Tgt Ion:106 Resp: 72248

Ion Ratio Lower Upper

106 100

91 226.8 163.7 304.1



#55

Styrene

Concen: 5.549 ug/L

RT: 10.107 min Scan# 2742

Delta R.T. 0.000 min

Lab File: VU058775.D

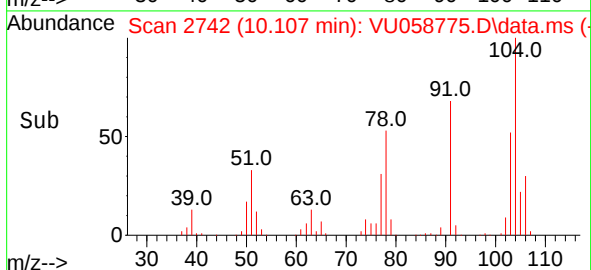
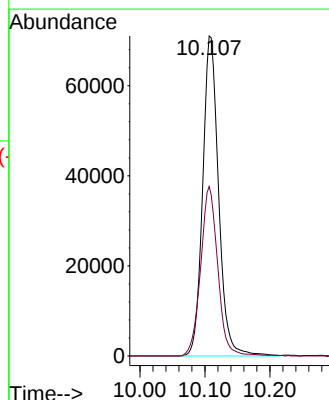
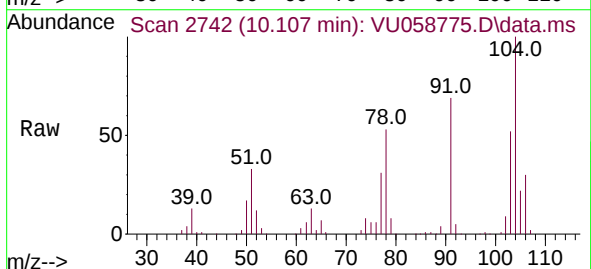
Acq: 23 Apr 2024 09:31

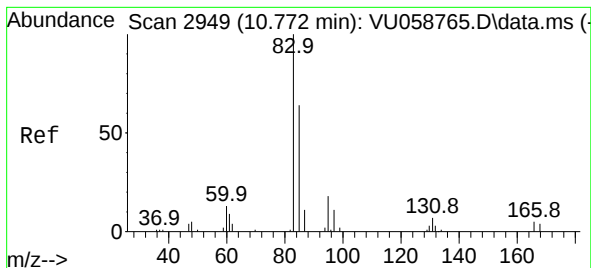
Tgt Ion:104 Resp: 121359

Ion Ratio Lower Upper

104 100

78 53.0 37.1 68.9





#57

1,1,2,2-Tetrachloroethane

Concen: 5.249 ug/L

RT: 10.775 min Scan# 2949

Delta R.T. 0.003 min

Lab File: VU058775.D

Acq: 23 Apr 2024 09:31

Instrument :

MSVOA_U

ClientSampleId :

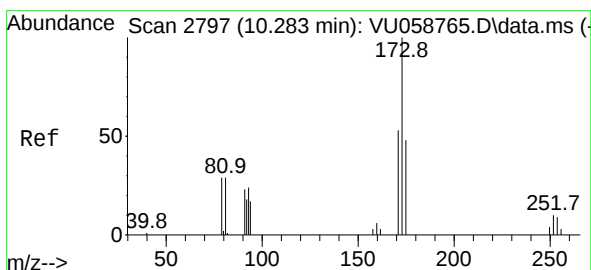
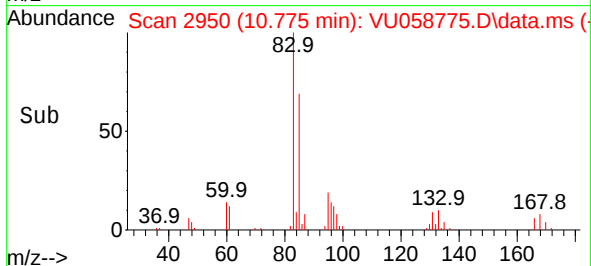
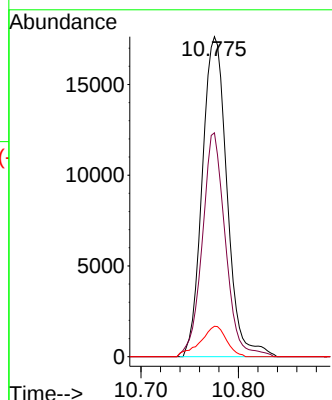
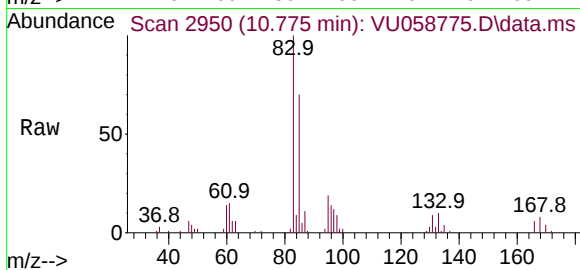
Tgt Ion: 83 Resp: 31100

Ion Ratio Lower Upper

83 100

85 69.9 44.6 82.8

131 9.5 6.7 10.1



#59

Bromoform

Concen: 5.336 ug/L

RT: 10.283 min Scan# 2797

Delta R.T. 0.000 min

Lab File: VU058775.D

Acq: 23 Apr 2024 09:31

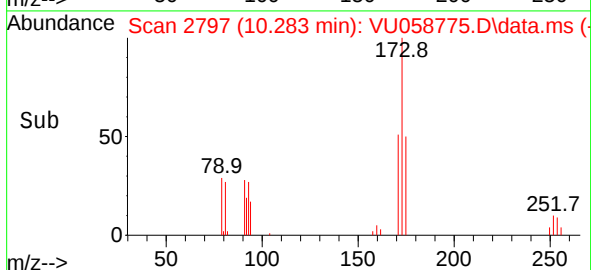
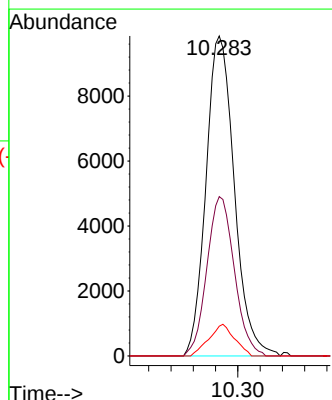
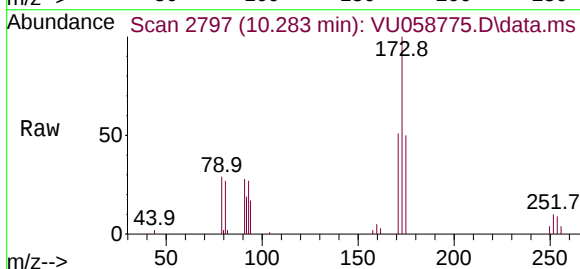
Tgt Ion:173 Resp: 17376

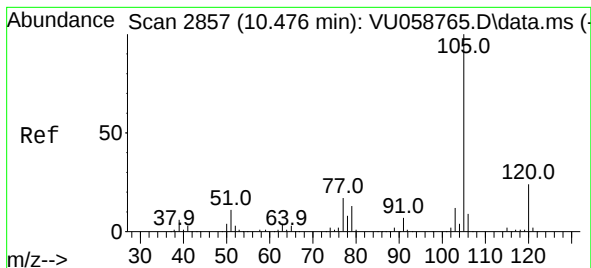
Ion Ratio Lower Upper

173 100

175 48.2 39.3 58.9

254 8.9 7.5 11.3





#60

Isopropylbenzene

Concen: 5.531 ug/L

RT: 10.476 min Scan# 2857

Delta R.T. 0.000 min

Lab File: VU058775.D

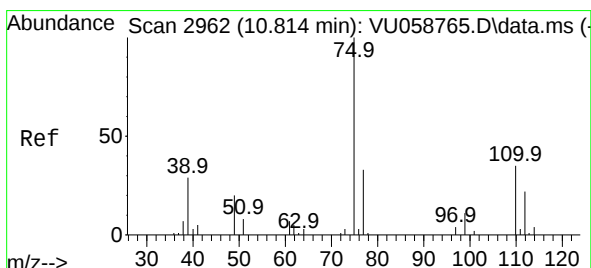
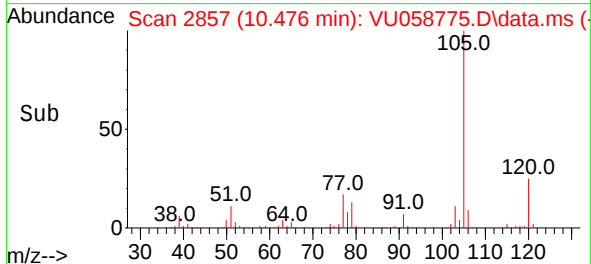
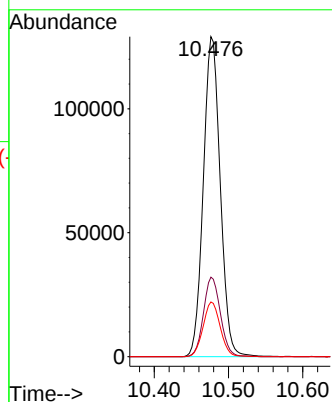
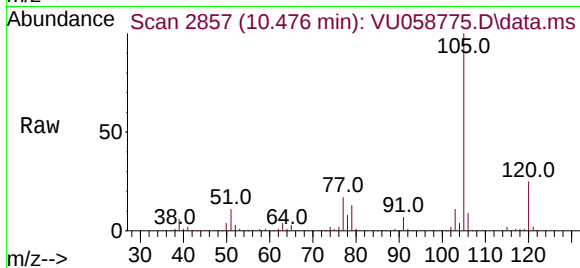
Acq: 23 Apr 2024 09:31

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	105	Resp:	204001
Ion Ratio	Lower	Upper	
105	100		
120	24.9	19.6	29.4
77	17.3	13.8	20.8



#61

1,2,3-Trichloropropane

Concen: 5.482 ug/L

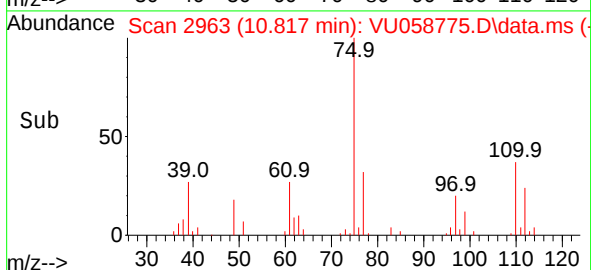
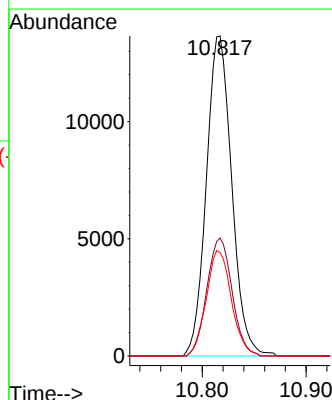
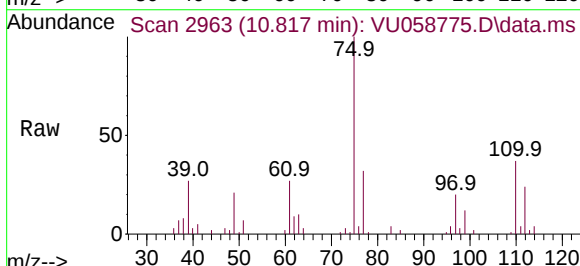
RT: 10.817 min Scan# 2963

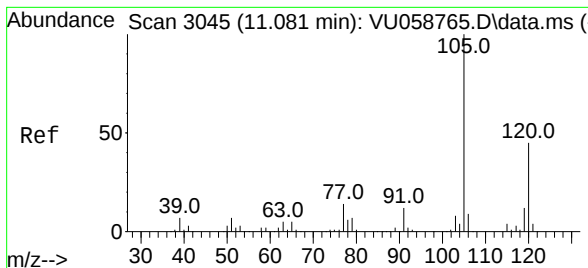
Delta R.T. 0.003 min

Lab File: VU058775.D

Acq: 23 Apr 2024 09:31

Tgt Ion:	75	Resp:	23197
Ion Ratio	Lower	Upper	
75	100		
110	36.4	28.6	43.0
77	32.5	25.4	38.2

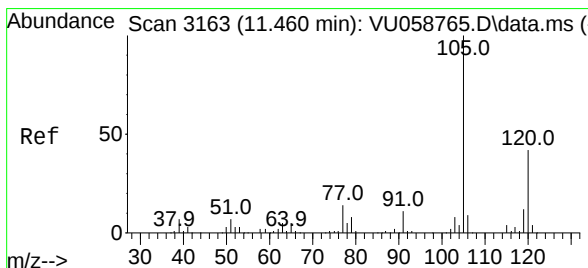
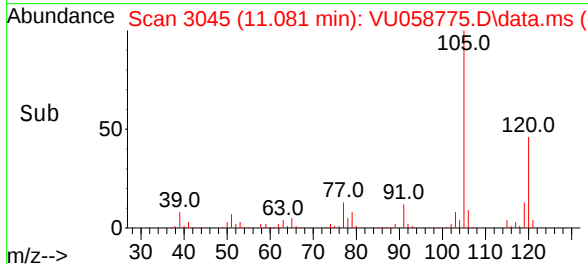
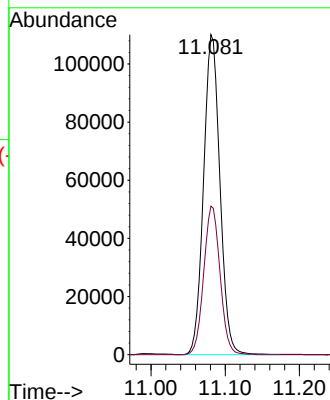
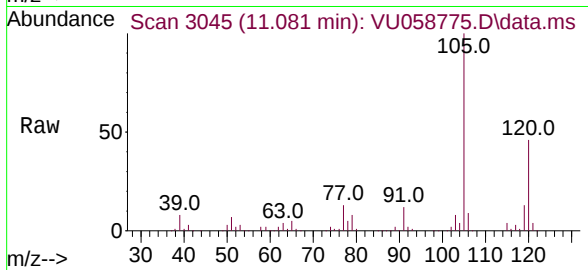




#62
1,3,5-Trimethylbenzene
Concen: 5.487 ug/L
RT: 11.081 min Scan# 3045
Delta R.T. 0.000 min
Lab File: VU058775.D
Acq: 23 Apr 2024 09:31

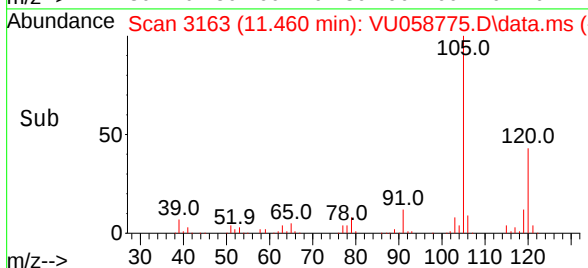
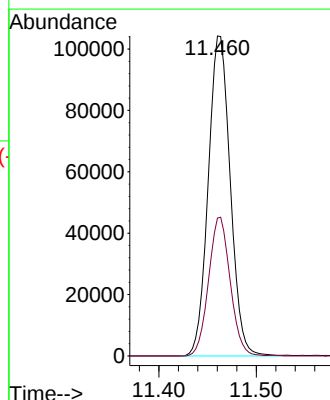
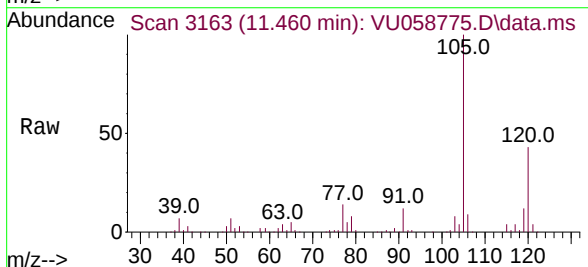
Instrument :
MSVOA_U
ClientSampleId :

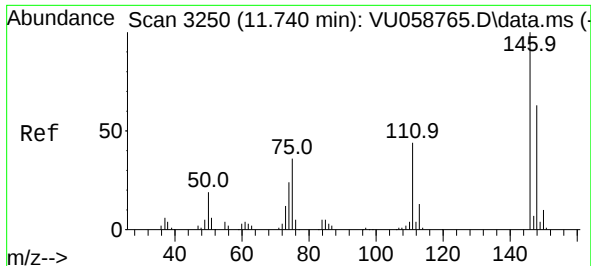
Tgt Ion:105 Resp: 168426
Ion Ratio Lower Upper
105 100
120 46.3 36.2 54.4



#63
1,2,4-Trimethylbenzene
Concen: 5.634 ug/L
RT: 11.460 min Scan# 3163
Delta R.T. 0.000 min
Lab File: VU058775.D
Acq: 23 Apr 2024 09:31

Tgt Ion:105 Resp: 163613
Ion Ratio Lower Upper
105 100
120 42.5 33.4 50.0





#64

1,3-Dichlorobenzene

Concen: 5.497 ug/L

RT: 11.740 min Scan# 3250

Delta R.T. 0.000 min

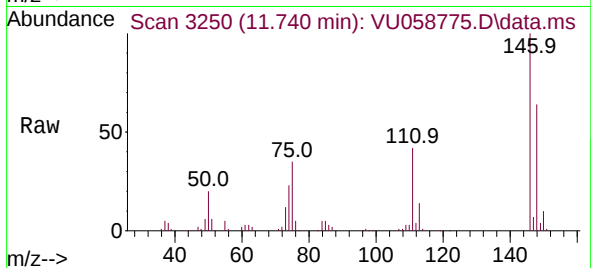
Lab File: VU058775.D

Acq: 23 Apr 2024 09:31

Instrument :

MSVOA_U

ClientSampleId :



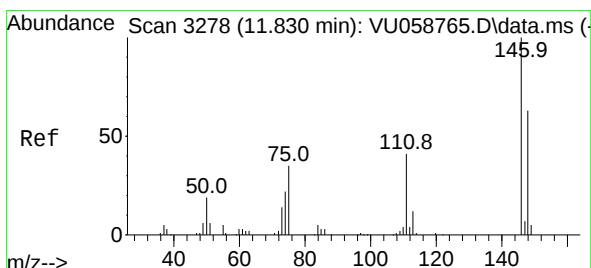
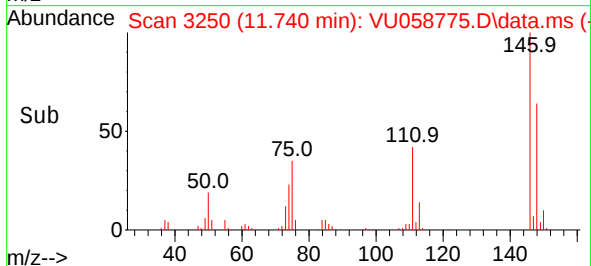
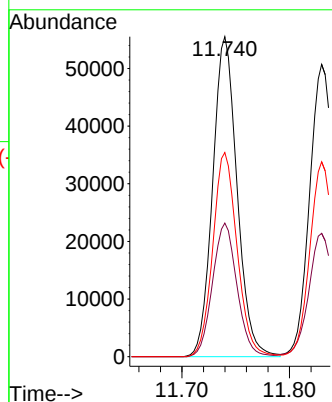
Tgt Ion:146 Resp: 87373

Ion Ratio Lower Upper

146 100

111 41.8 30.9 57.3

148 63.8 44.2 82.0



#65

1,4-Dichlorobenzene

Concen: 5.367 ug/L

RT: 11.830 min Scan# 3278

Delta R.T. 0.000 min

Lab File: VU058775.D

Acq: 23 Apr 2024 09:31

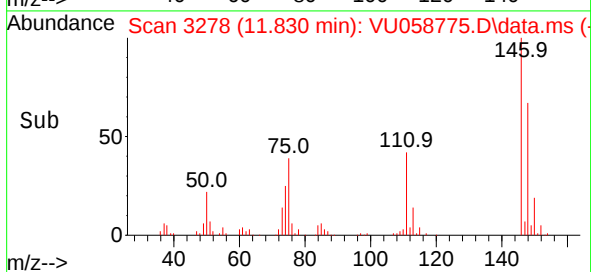
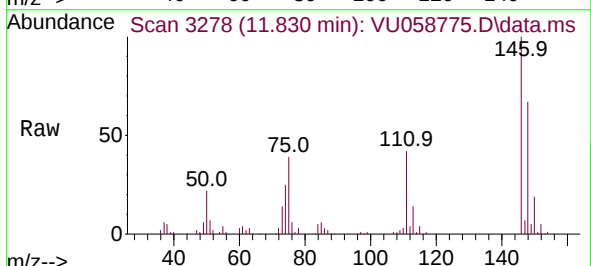
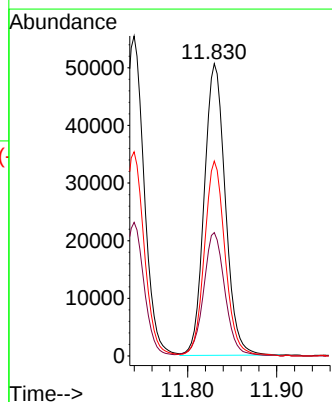
Tgt Ion:146 Resp: 83253

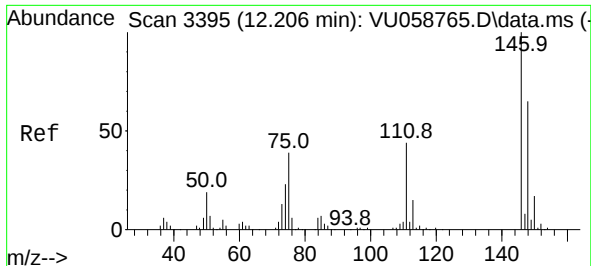
Ion Ratio Lower Upper

146 100

111 42.2 29.3 54.3

148 66.7 44.4 82.4





#67

1,2-Dichlorobenzene

Concen: 5.452 ug/L

RT: 12.206 min Scan# 3395

Delta R.T. 0.000 min

Lab File: VU058775.D

Acq: 23 Apr 2024 09:31

Instrument :

MSVOA_U

ClientSampleId :

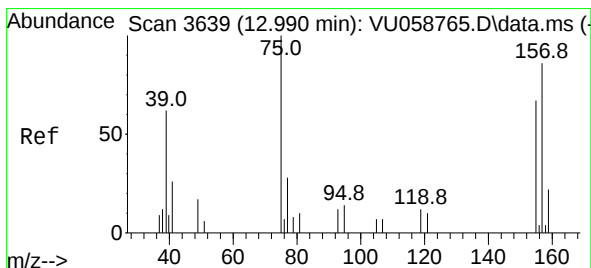
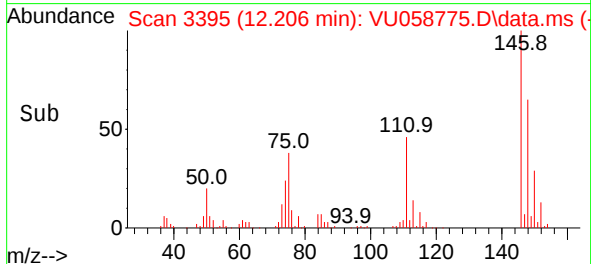
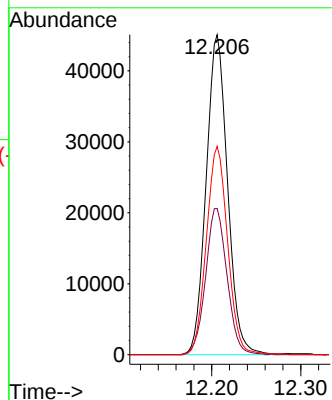
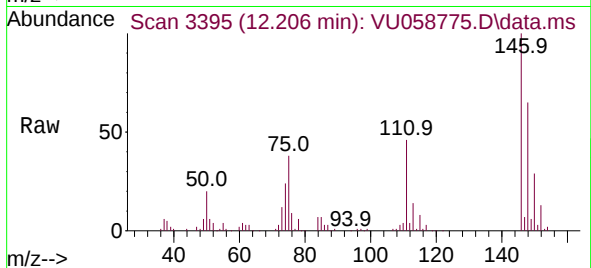
Tgt Ion:146 Resp: 75022

Ion Ratio Lower Upper

146 100

111 45.7 35.7 53.5

148 65.1 51.6 77.4



#68

1,2-Dibromo-3-chloropropane

Concen: 6.527 ug/L

RT: 12.987 min Scan# 3638

Delta R.T. -0.003 min

Lab File: VU058775.D

Acq: 23 Apr 2024 09:31

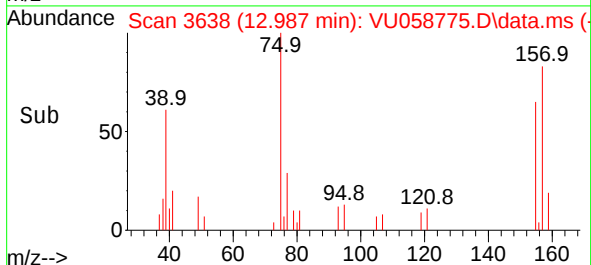
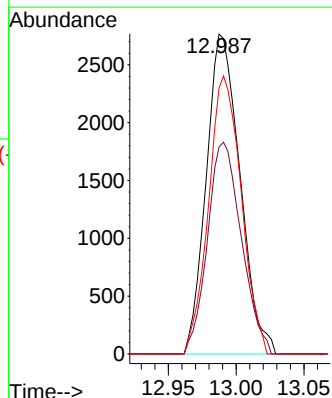
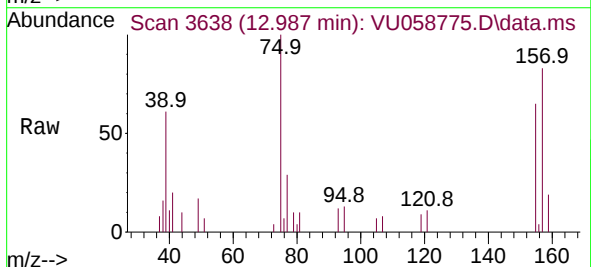
Tgt Ion: 75 Resp: 4773

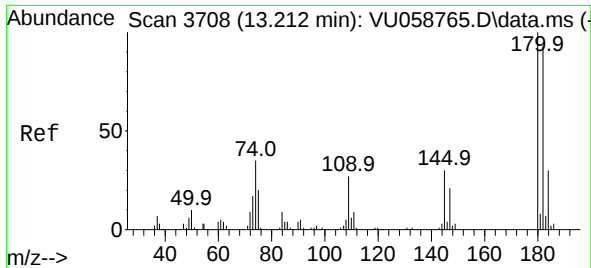
Ion Ratio Lower Upper

75 100

155 64.7 53.6 80.4

157 83.2 68.7 103.1





#69

1,3,5-Trichlorobenzene

Concen: 5.502 ug/L

RT: 13.212 min Scan# 31

Delta R.T. 0.000 min

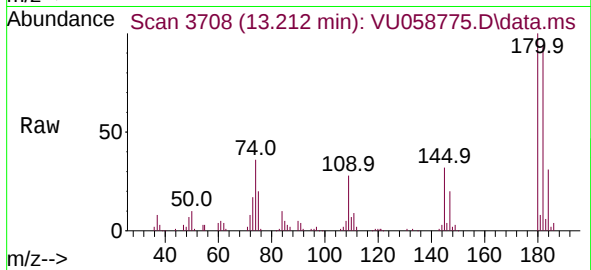
Lab File: VU058775.D

Acq: 23 Apr 2024 09:31

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:180 Resp: 62572

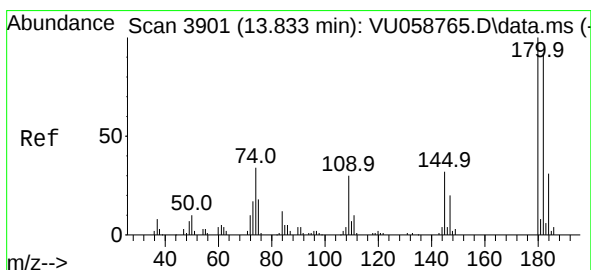
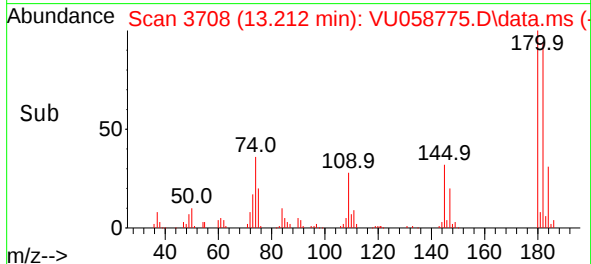
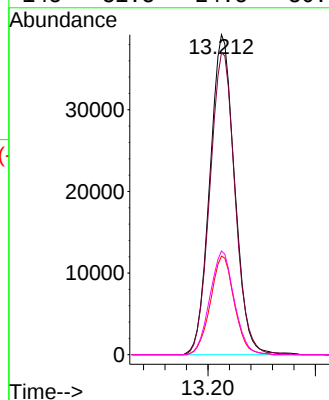
Ion Ratio Lower Upper

180 100

182 95.9 75.9 113.9

184 29.7 24.7 37.1

145 31.8 24.5 36.7



#70

1,2,4-trichlorobenzene

Concen: 5.545 ug/L

RT: 13.833 min Scan# 3901

Delta R.T. 0.000 min

Lab File: VU058775.D

Acq: 23 Apr 2024 09:31

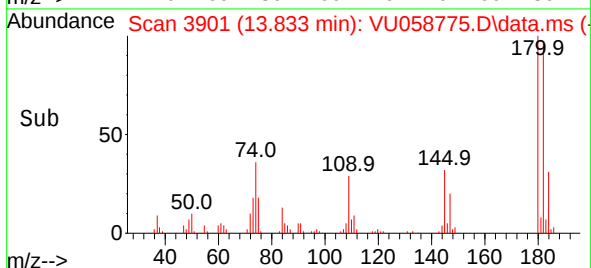
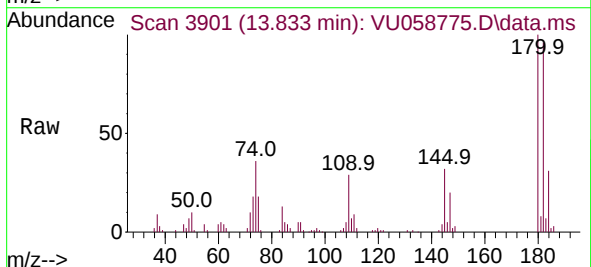
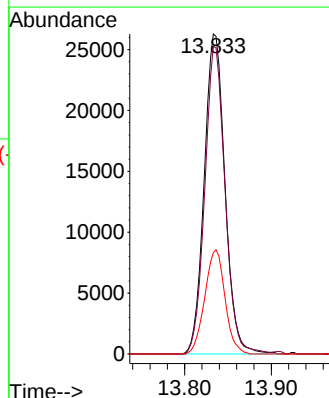
Tgt Ion:180 Resp: 43832

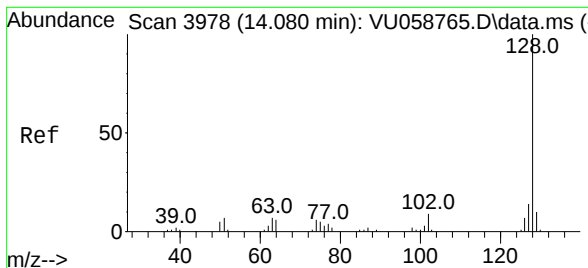
Ion Ratio Lower Upper

180 100

182 93.7 75.9 113.9

145 31.6 25.7 38.5





#71

Naphthalene

Concen: 5.335 ug/L

RT: 14.084 min Scan# 3978

Delta R.T. 0.003 min

Lab File: VU058775.D

Acq: 23 Apr 2024 09:31

Instrument :

MSVOA_U

ClientSampleId :

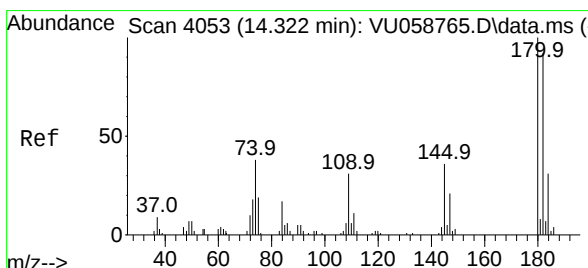
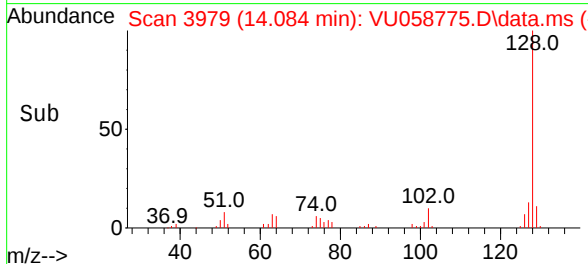
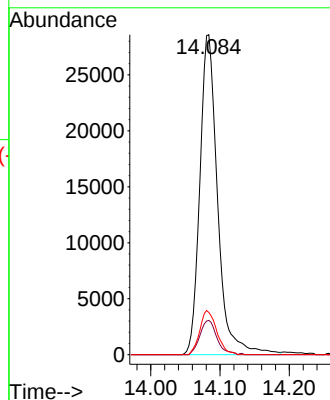
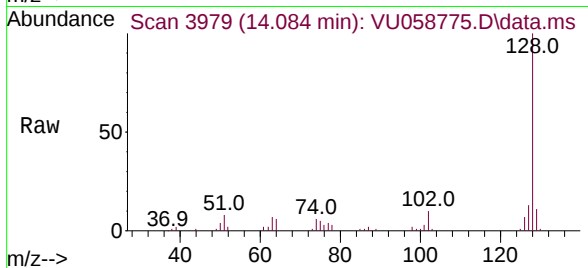
Tgt Ion:128 Resp: 51021

Ion Ratio Lower Upper

128 100

129 10.2 8.2 12.4

127 13.1 10.8 16.2



#72

1,2,3-Trichlorobenzene

Concen: 5.450 ug/L

RT: 14.322 min Scan# 4053

Delta R.T. 0.000 min

Lab File: VU058775.D

Acq: 23 Apr 2024 09:31

Tgt Ion:180 Resp: 34147

Ion Ratio Lower Upper

180 100

182 98.3 75.0 112.6

145 33.7 27.6 41.4

