

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU050724\
 Data File : VU058837.D
 Acq On : 07 May 2024 10:06
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: May 08 04:48:15 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR042224WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue May 07 01:07:14 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	66116	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	61384	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	30330	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.589	65	18265	3.512	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	70.200%
7) Chloroethane-d5	1.895	69	14585	3.722	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	74.400%
11) 1,1-Dichloroethene-d2	2.554	65	11066	4.226	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	84.600%
20) 2-Butanone-d5	4.612	46	44803	49.034	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.060%
24) Chloroform-d	5.052	84	56039	5.271	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.400%
26) 1,2-Dichloroethane-d4	5.692	65	27210	5.280	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.600%
32) Benzene-d6	5.718	84	93585	4.790	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.800%
36) 1,2-Dichloropropane-d6	6.682	67	26297	4.512	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.200%
41) Toluene-d8	7.891	98	83782	4.791	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.800%
43) trans-1,3-Dichloroprop...	8.177	79	10359	4.882	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	97.600%
46) 2-Hexanone-d5	8.627	63	31668	50.369	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.740%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	17708	4.989	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.800%
66) 1,2-Dichlorobenzene-d4	12.187	152	27584	5.218	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.377	85	39457	5.449	ug/L	100
3) Chloromethane	1.512	50	22729	4.010	ug/L	96
5) Vinyl chloride	1.596	62	24387	4.241	ug/L	100
6) Bromomethane	1.843	94	16836	4.947	ug/L	95
8) Chloroethane	1.917	64	13516	4.173	ug/L	98
9) Trichlorofluoromethane	2.126	101	51968	5.773	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.570	101	29086	5.421	ug/L	94
12) 1,1-Dichloroethene	2.567	96	24236	5.033	ug/L	96
13) Acetone	2.615	43	31679	50.164	ug/L	98
14) Carbon disulfide	2.782	76	76634	4.679	ug/L	99
15) Methyl Acetate	2.940	43	6641	4.386	ug/L	93
16) Methylene chloride	3.033	84	26465	5.108	ug/L	87
17) Methyl tert-butyl Ether	3.345	73	56226	5.158	ug/L	100
18) trans-1,2-Dichloroethene	3.341	96	25786	5.347	ug/L	98
19) 1,1-Dichloroethane	3.853	63	52108	5.102	ug/L	98
21) 2-Butanone	4.692	43	45206	45.522	ug/L	97
22) cis-1,2-Dichloroethene	4.653	96	28712	5.419	ug/L	91
23) Bromochloromethane	4.965	128	12138	5.852	ug/L	78
25) Chloroform	5.075	83	59240	5.580	ug/L	98

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 ALS Vial : 2 Sample Multiplier: 1

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 ClientSampleId :

Quant Time: May 08 04:48:15 2024
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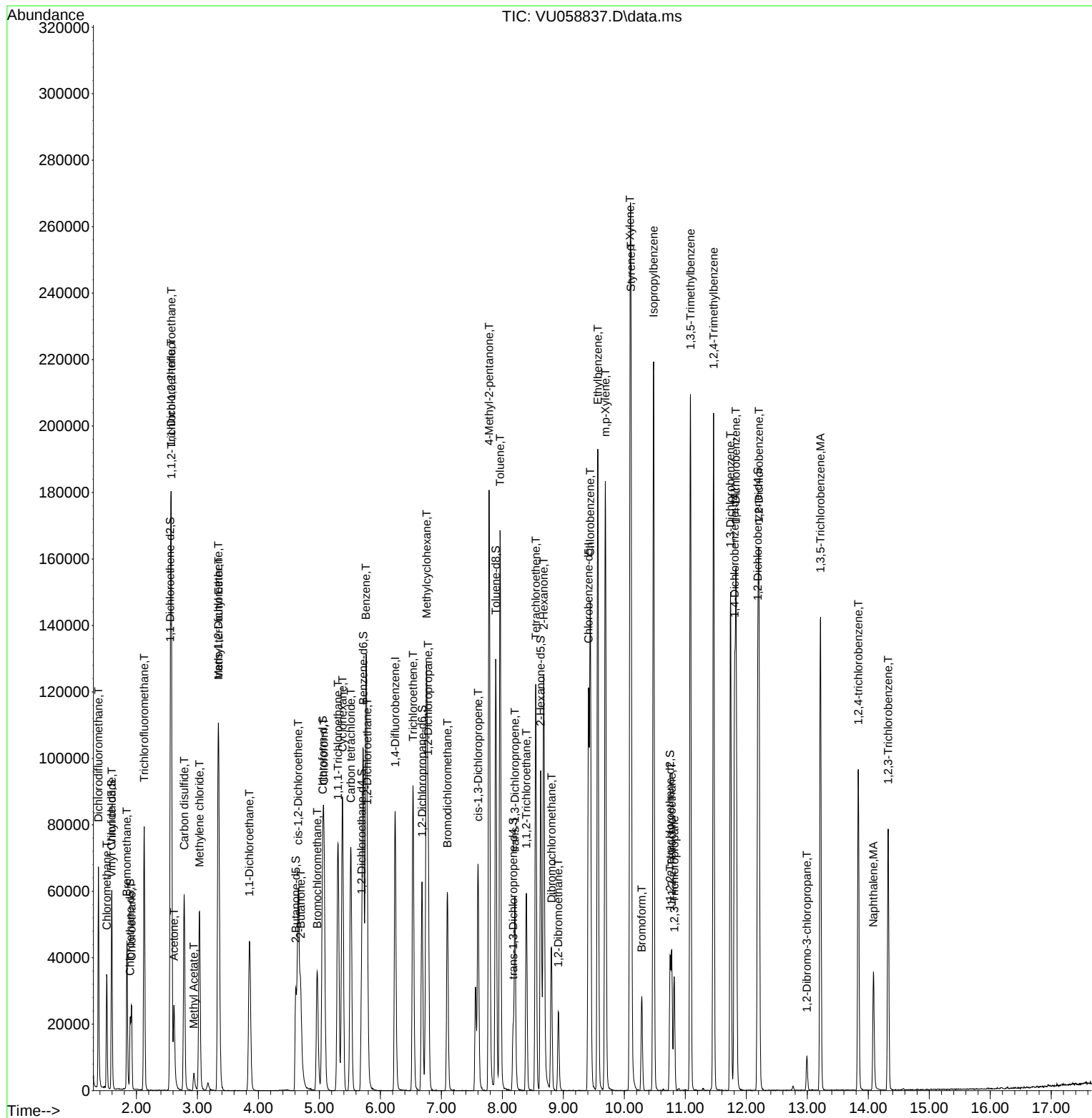
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	34897	5.495	ug/L #	95
29) 1,1,1-Trichloroethane	5.306	97	55784	6.089	ug/L	97
30) Cyclohexane	5.377	56	40430	4.675	ug/L	89
31) Carbon tetrachloride	5.515	117	52198	6.446	ug/L	99
33) Benzene	5.763	78	113201	5.330	ug/L	100
34) Trichloroethene	6.534	95	30977	5.360	ug/L	96
35) Methylcyclohexane	6.756	83	45800	5.215	ug/L	95
37) 1,2-Dichloropropane	6.782	63	26227	4.728	ug/L #	96
38) Bromodichloromethane	7.097	83	38519	5.605	ug/L	99
39) cis-1,3-Dichloropropene	7.602	75	40406	5.261	ug/L	99
40) 4-Methyl-2-pentanone	7.782	43	111228	45.426	ug/L	97
42) Toluene	7.962	91	118974	5.420	ug/L	100
44) trans-1,3-Dichloropropene	8.203	75	32711	5.532	ug/L	97
45) 1,1,2-Trichloroethane	8.393	97	17358	5.438	ug/L	98
47) Tetrachloroethene	8.547	164	25274	6.232	ug/L	97
48) 2-Hexanone	8.676	43	80586	46.330	ug/L	98
49) Dibromochloromethane	8.804	129	22442	6.003	ug/L	100
50) 1,2-Dibromoethane	8.917	107	15398	5.243	ug/L	91
51) Chlorobenzene	9.441	112	72599	5.429	ug/L	99
52) Ethylbenzene	9.563	91	133501	5.515	ug/L	98
53) m,p-Xylene	9.689	106	50227	5.649	ug/L	100
54) o-Xylene	10.094	106	47413	5.625	ug/L	98
55) Styrene	10.110	104	79090	5.760	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.775	83	18624	5.006	ug/L #	98
59) Bromoform	10.283	173	12120	5.706	ug/L	98
60) Isopropylbenzene	10.479	105	136361	5.668	ug/L	99
61) 1,2,3-Trichloropropane	10.817	75	14068	5.096	ug/L	98
62) 1,3,5-Trimethylbenzene	11.084	105	114608	5.724	ug/L	100
63) 1,2,4-Trimethylbenzene	11.463	105	109946	5.804	ug/L	98
64) 1,3-Dichlorobenzene	11.740	146	57761	5.570	ug/L	99
65) 1,4-Dichlorobenzene	11.830	146	57123	5.645	ug/L	97
67) 1,2-Dichlorobenzene	12.206	146	49967	5.566	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.991	75	3050	6.393	ug/L #	88
69) 1,3,5-Trichlorobenzene	13.216	180	43999	5.931	ug/L	99
70) 1,2,4-trichlorobenzene	13.836	180	29182	5.659	ug/L	98
71) Naphthalene	14.084	128	30764	4.931	ug/L	99
72) 1,2,3-Trichlorobenzene	14.325	180	23505	5.751	ug/L	99

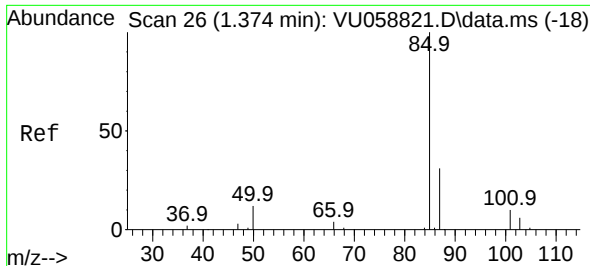
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Instrument :
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ClientSampleId :

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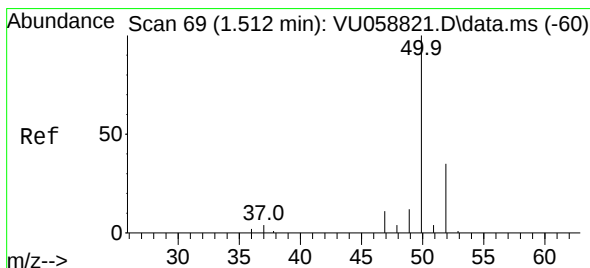
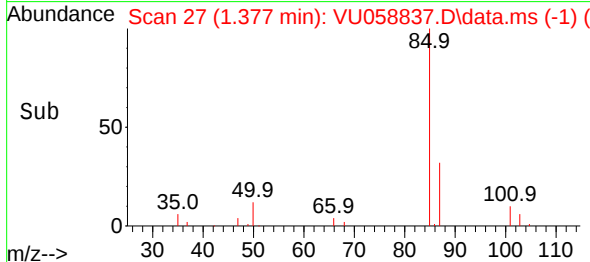
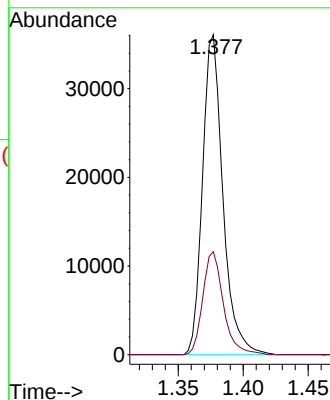
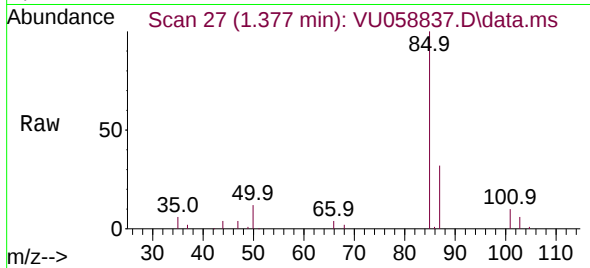




#2
 Dichlorodifluoromethane
 Concen: 5.449 ug/L
 RT: 1.377 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: VU058837.D
 Acq: 07 May 2024 10:06

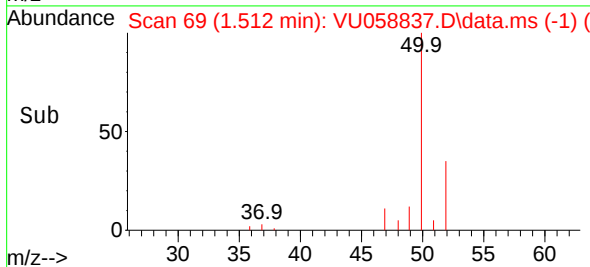
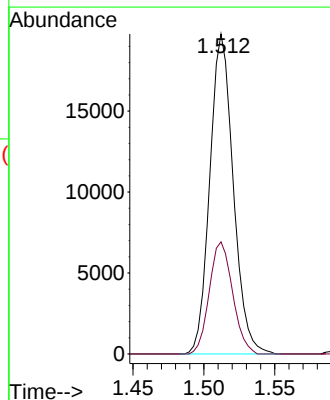
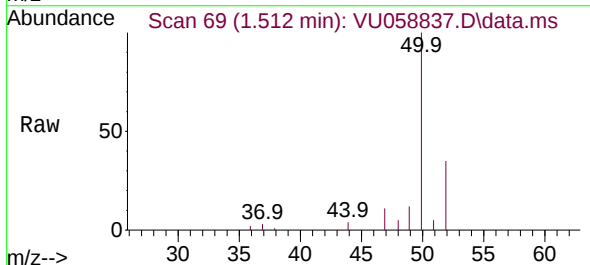
Instrument :
 MSVOA_U
 ClientSampleId :

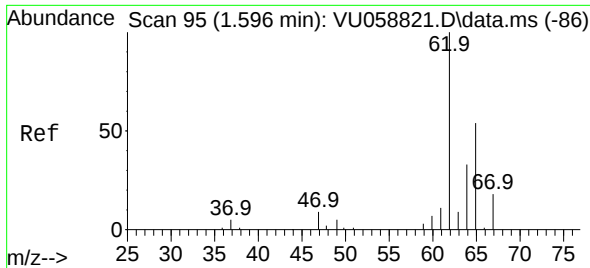
Tgt Ion: 85 Resp: 39457
 Ion Ratio Lower Upper
 85 100
 87 32.5 26.0 39.0



#3
 Chloromethane
 Concen: 4.010 ug/L
 RT: 1.512 min Scan# 69
 Delta R.T. -0.000 min
 Lab File: VU058837.D
 Acq: 07 May 2024 10:06

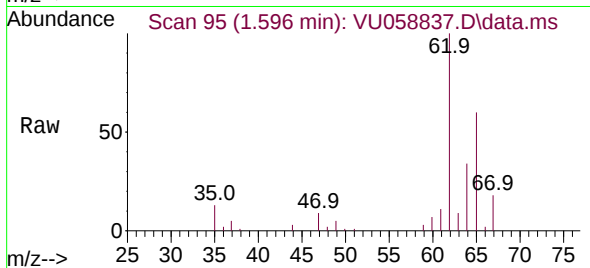
Tgt Ion: 50 Resp: 22729
 Ion Ratio Lower Upper
 50 100
 52 35.1 23.0 42.8



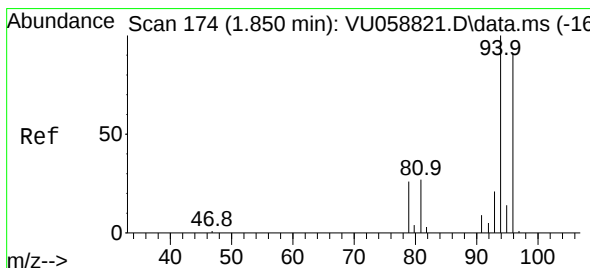
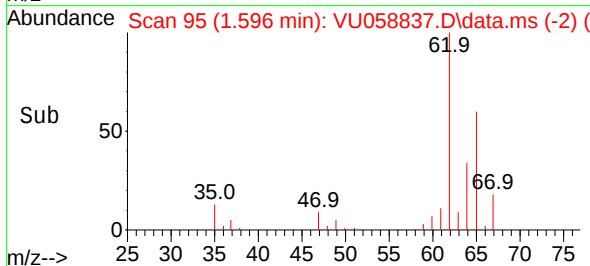
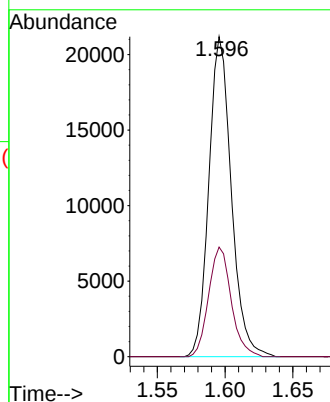


#5
 Vinyl chloride
 Concen: 4.241 ug/L
 RT: 1.596 min Scan# 90
 Delta R.T. -0.000 min
 Lab File: VU058837.D
 Acq: 07 May 2024 10:06

Instrument :
 MSVOA_U
 ClientSampleId :

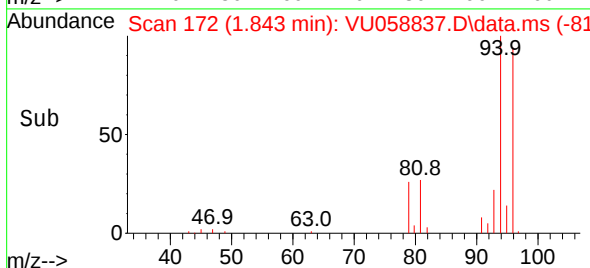
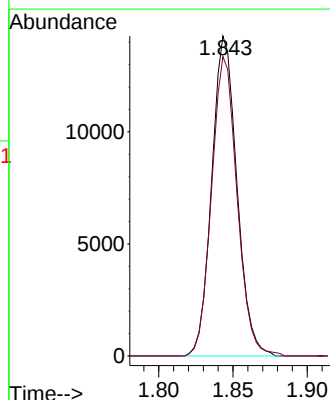
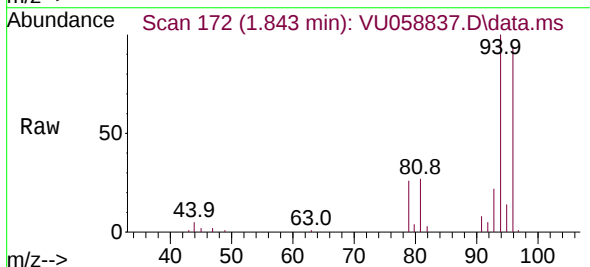


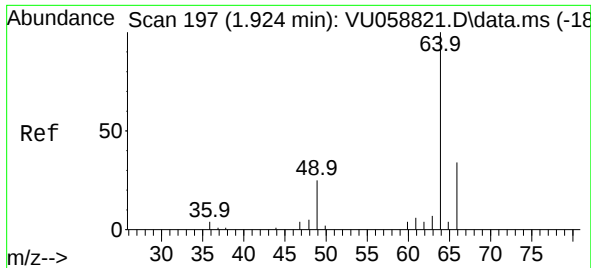
Tgt Ion: 62 Resp: 24387
 Ion Ratio Lower Upper
 62 100
 64 34.2 23.8 44.2



#6
 Bromomethane
 Concen: 4.947 ug/L
 RT: 1.843 min Scan# 172
 Delta R.T. -0.006 min
 Lab File: VU058837.D
 Acq: 07 May 2024 10:06

Tgt Ion: 94 Resp: 16836
 Ion Ratio Lower Upper
 94 100
 96 93.6 62.2 115.6

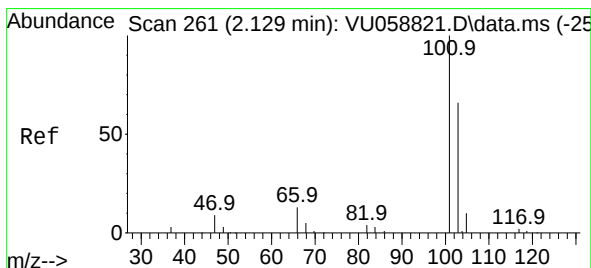
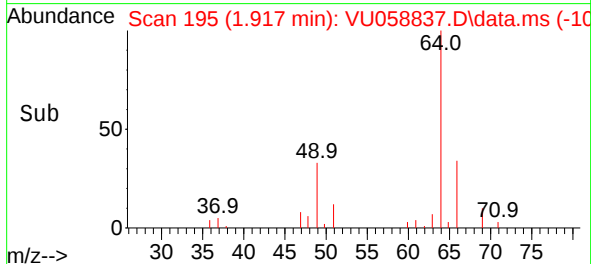
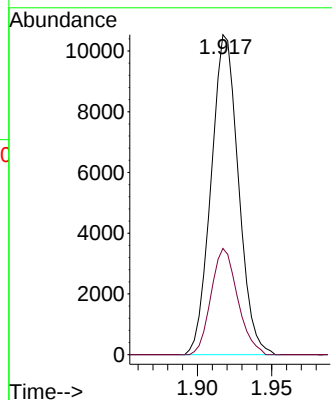
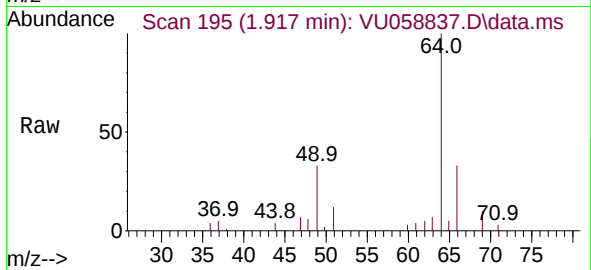




#8
Chloroethane
Concen: 4.173 ug/L
RT: 1.917 min Scan# 10
Delta R.T. -0.006 min
Lab File: VU058837.D
Acq: 07 May 2024 10:06

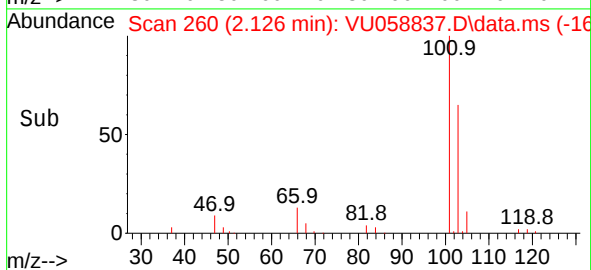
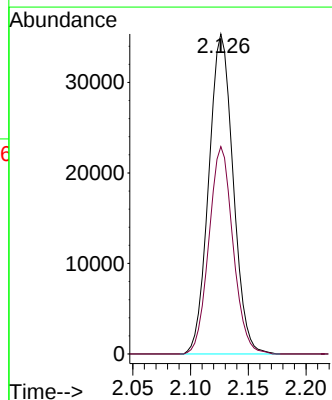
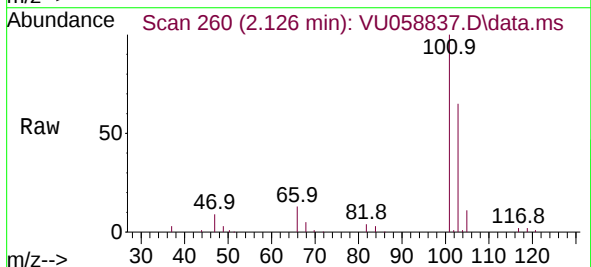
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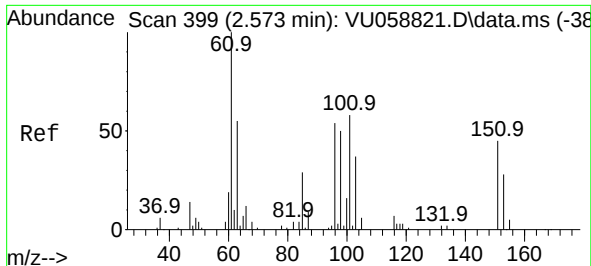
Tgt Ion: 64 Resp: 13516
Ion Ratio Lower Upper
64 100
66 33.2 22.4 41.6



#9
Trichlorofluoromethane
Concen: 5.773 ug/L
RT: 2.126 min Scan# 260
Delta R.T. -0.003 min
Lab File: VU058837.D
Acq: 07 May 2024 10:06

Tgt Ion:101 Resp: 51968
Ion Ratio Lower Upper
101 100
103 63.9 52.6 78.8

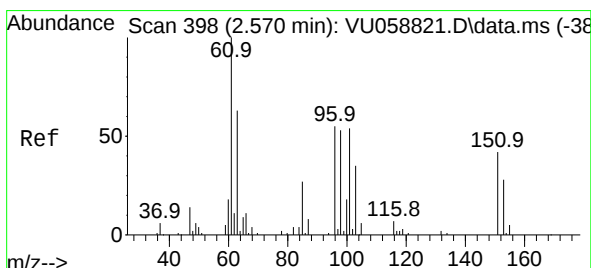
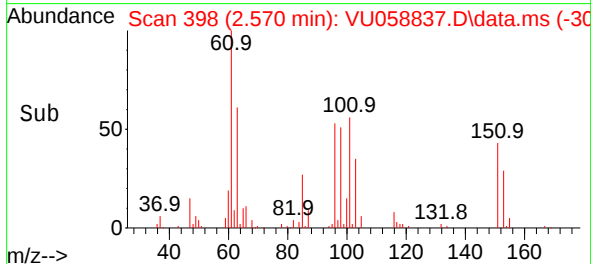
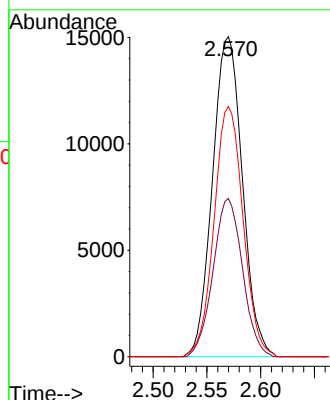
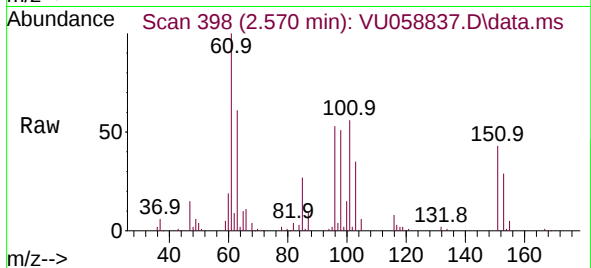




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 5.421 ug/L
RT: 2.570 min Scan# 399
Delta R.T. -0.003 min
Lab File: VU058837.D
Acq: 07 May 2024 10:06

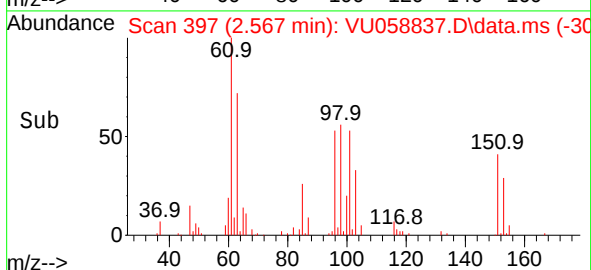
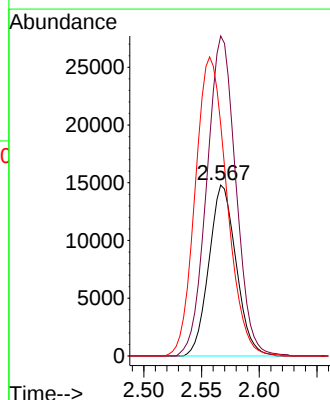
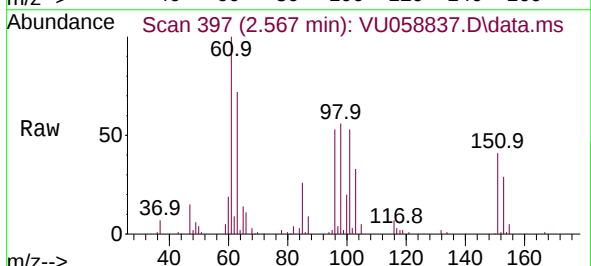
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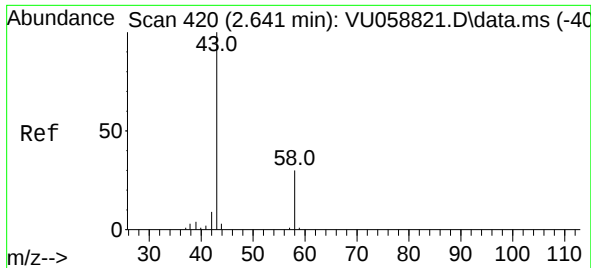
Tgt Ion:101 Resp: 29086
Ion Ratio Lower Upper
101 100
85 48.7 36.7 55.1
151 76.0 56.6 84.8



#12
1,1-Dichloroethene
Concen: 5.033 ug/L
RT: 2.567 min Scan# 397
Delta R.T. -0.003 min
Lab File: VU058837.D
Acq: 07 May 2024 10:06

Tgt Ion: 96 Resp: 24236
Ion Ratio Lower Upper
96 100
61 187.3 135.3 251.3
63 135.7 91.9 170.7





#13

Acetone

Concen: 50.164 ug/L

RT: 2.615 min Scan# 412

Delta R.T. -0.026 min

Lab File: VU058837.D

Acq: 07 May 2024 10:06

Instrument :

MSVOA_U

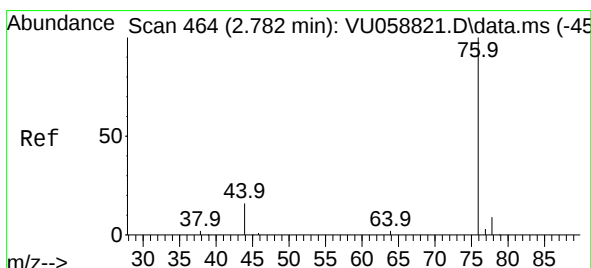
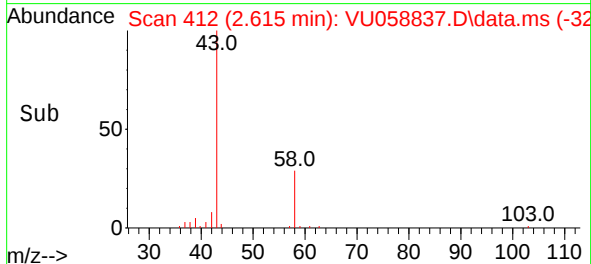
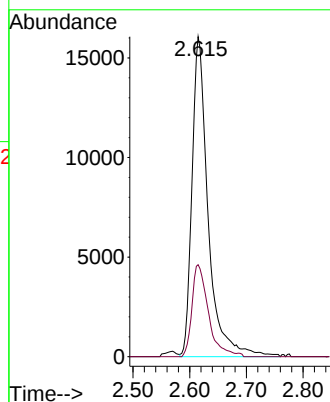
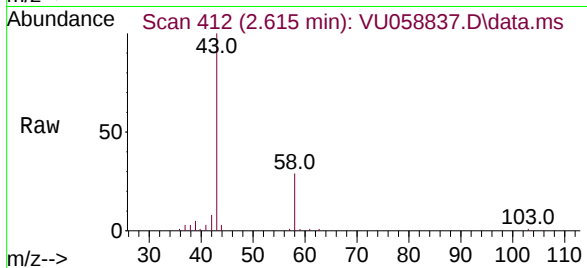
ClientSampleId :

Tgt Ion: 43 Resp: 31679

Ion Ratio Lower Upper

43 100

58 29.4 0.0 61.2



#14

Carbon disulfide

Concen: 4.679 ug/L

RT: 2.782 min Scan# 464

Delta R.T. -0.000 min

Lab File: VU058837.D

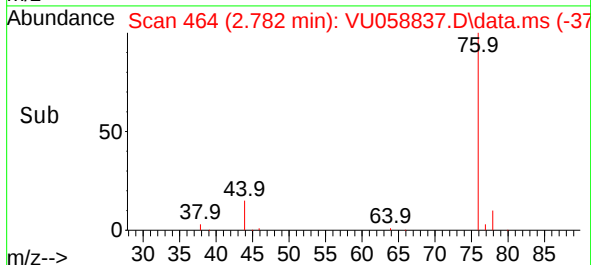
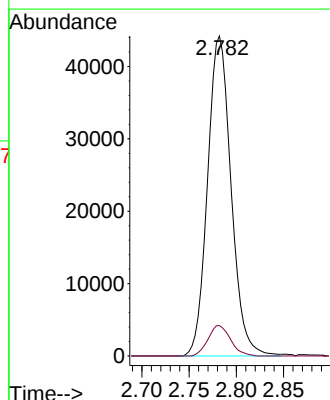
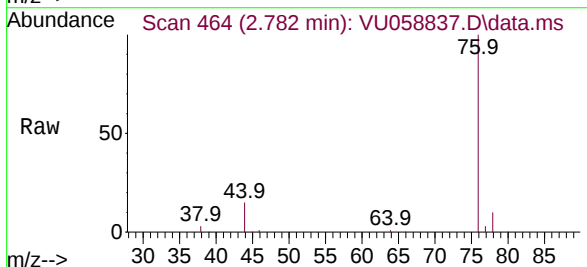
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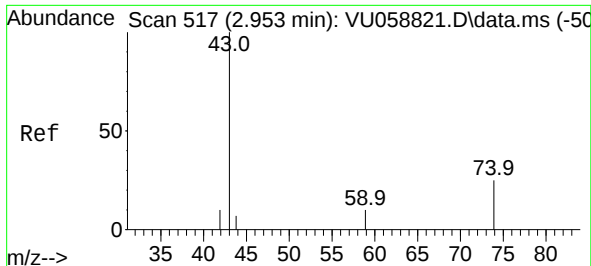
Tgt Ion: 76 Resp: 76634

Ion Ratio Lower Upper

76 100

78 9.5 7.4 11.2





#15

Methyl Acetate

Concen: 4.386 ug/L

RT: 2.940 min Scan# 51

Delta R.T. -0.013 min

Lab File: VU058837.D

Acq: 07 May 2024 10:06

Instrument :

MSVOA_U

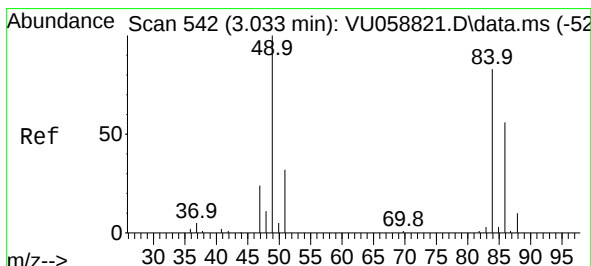
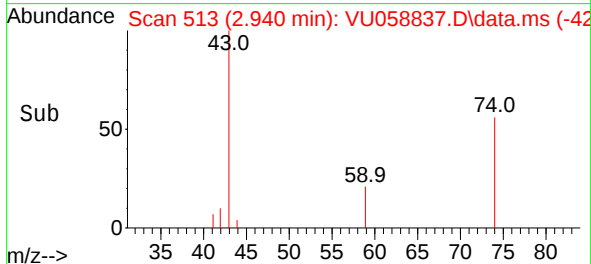
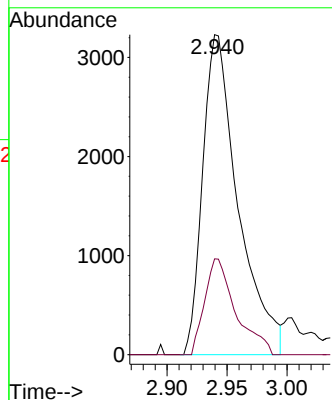
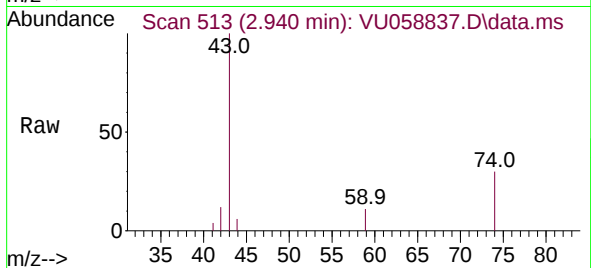
ClientSampleId :

Tgt Ion: 43 Resp: 6641

Ion Ratio Lower Upper

43 100

74 26.3 18.2 27.4



#16

Methylene chloride

Concen: 5.108 ug/L

RT: 3.033 min Scan# 542

Delta R.T. -0.000 min

Lab File: VU058837.D

Acq: 07 May 2024 10:06

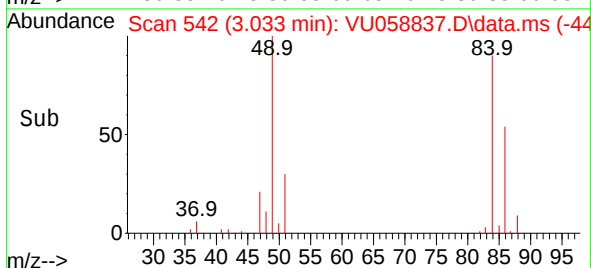
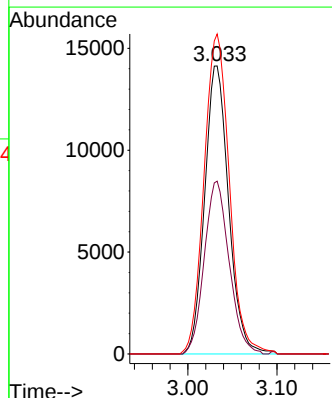
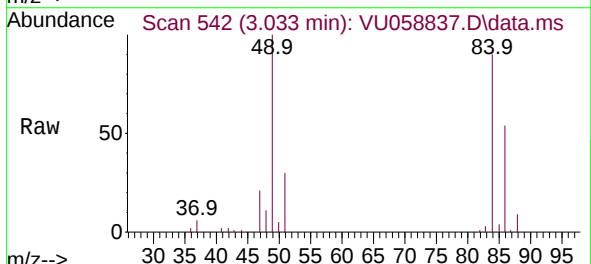
Tgt Ion: 84 Resp: 26465

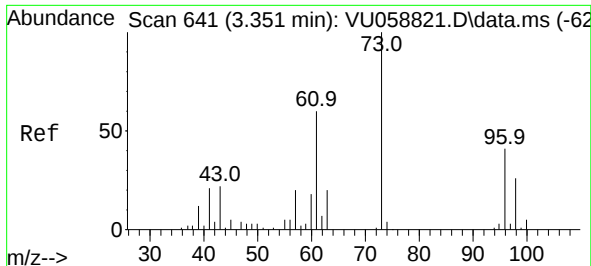
Ion Ratio Lower Upper

84 100

86 60.0 45.0 83.6

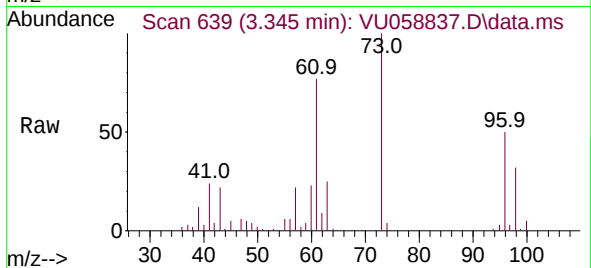
49 111.1 91.6 170.2



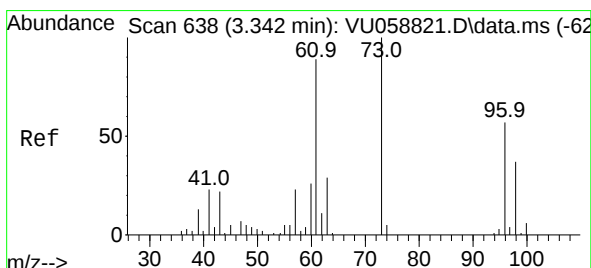
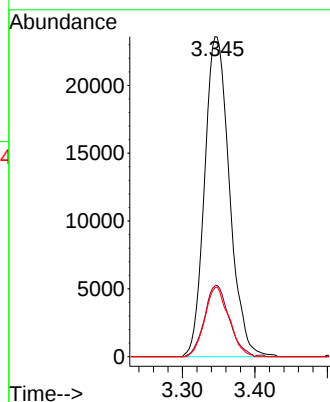
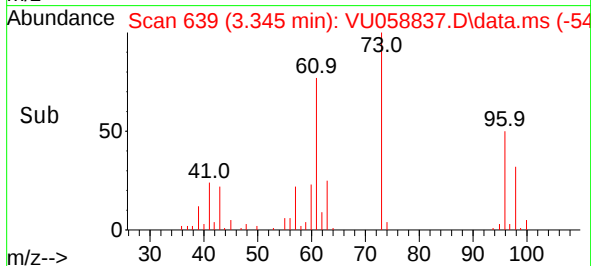


#17
Methyl tert-butyl Ether
Concen: 5.158 ug/L
RT: 3.345 min Scan# 641
Delta R.T. -0.006 min
Lab File: VU058837.D
Acq: 07 May 2024 10:06

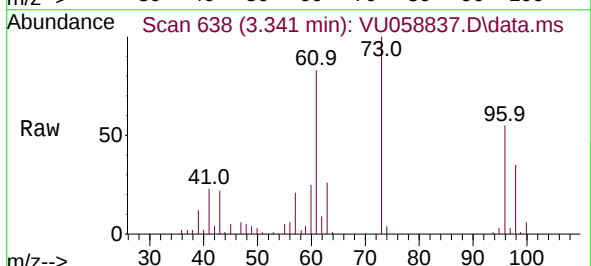
Instrument :
MSVOA_U
ClientSampleId :



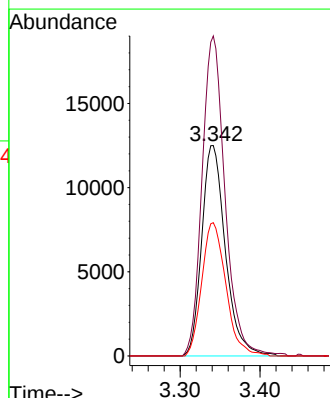
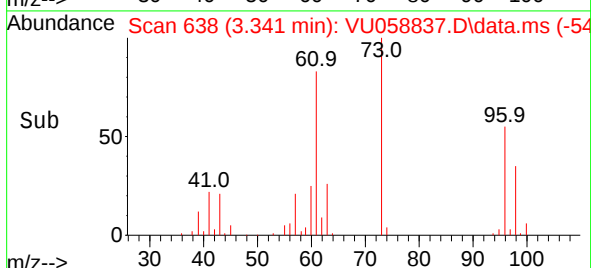
Tgt Ion: 73 Resp: 56226
Ion Ratio Lower Upper
73 100
43 22.2 17.7 26.5
57 21.1 17.0 25.4

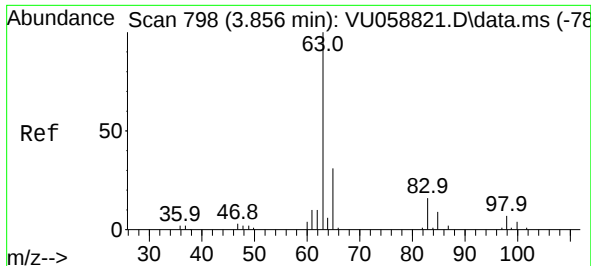


#18
trans-1,2-Dichloroethene
Concen: 5.347 ug/L
RT: 3.341 min Scan# 638
Delta R.T. -0.000 min
Lab File: VU058837.D
Acq: 07 May 2024 10:06



Tgt Ion: 96 Resp: 25786
Ion Ratio Lower Upper
96 100
61 152.1 108.6 201.8
98 63.3 44.4 82.4





#19

1,1-Dichloroethane

Concen: 5.102 ug/L

RT: 3.853 min Scan# 798

Delta R.T. -0.003 min

Lab File: VU058837.D

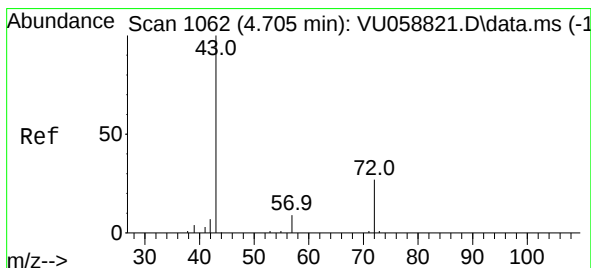
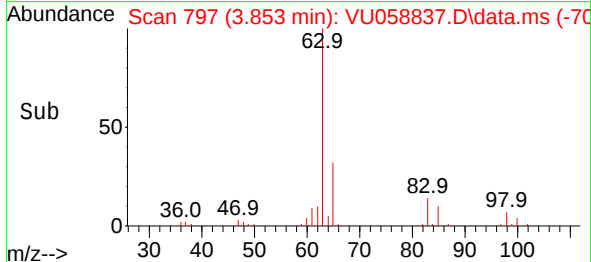
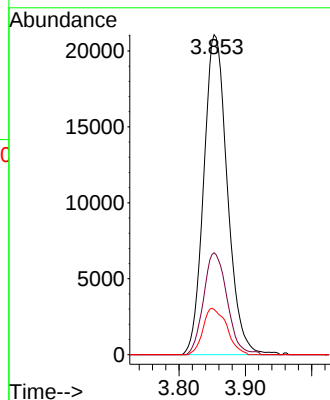
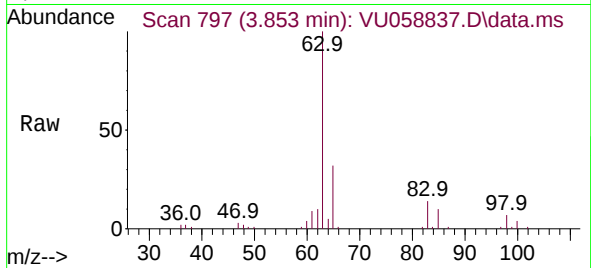
Acq: 07 May 2024 10:06

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 63	Resp: 52108
Ion Ratio	Lower Upper
63	100
65	31.9 21.6 40.2
83	14.1 9.5 17.7



#21

2-Butanone

Concen: 45.522 ug/L

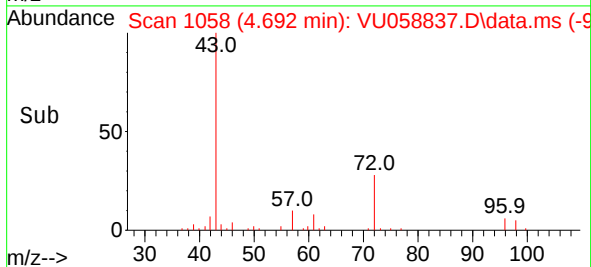
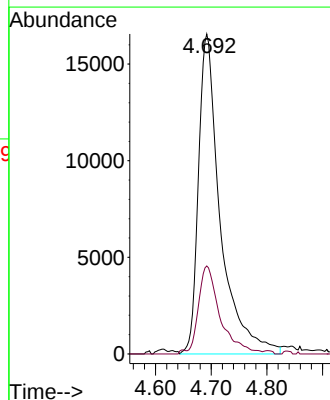
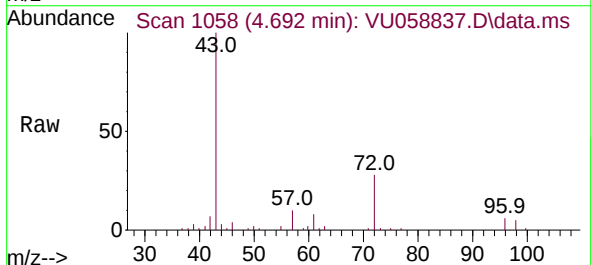
RT: 4.692 min Scan# 1058

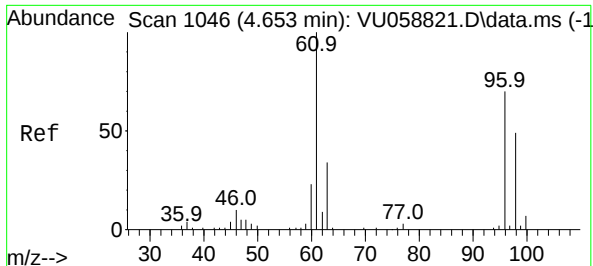
Delta R.T. -0.013 min

Lab File: VU058837.D

Acq: 07 May 2024 10:06

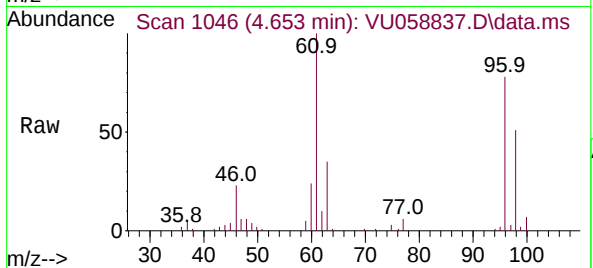
Tgt Ion: 43	Resp: 45206
Ion Ratio	Lower Upper
43	100
72	27.0 12.8 38.4



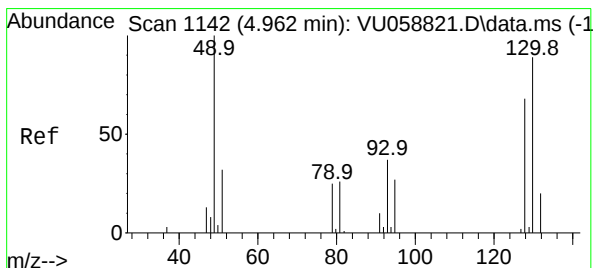
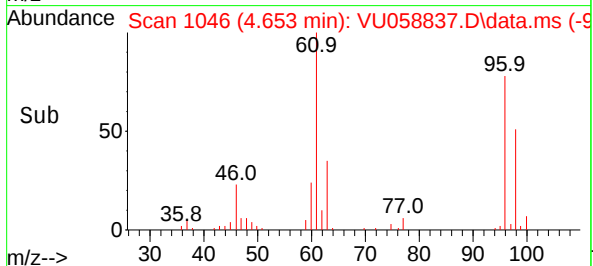
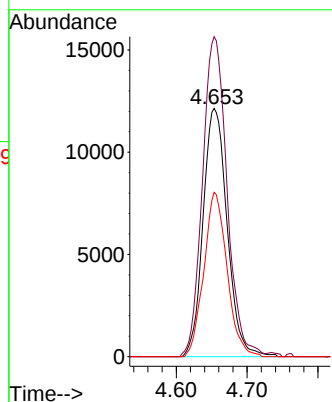


#22
cis-1,2-Dichloroethene
Concen: 5.419 ug/L
RT: 4.653 min Scan# 1046
Delta R.T. -0.000 min
Lab File: VU058837.D
Acq: 07 May 2024 10:06

Instrument :
MSVOA_U
ClientSampleId :

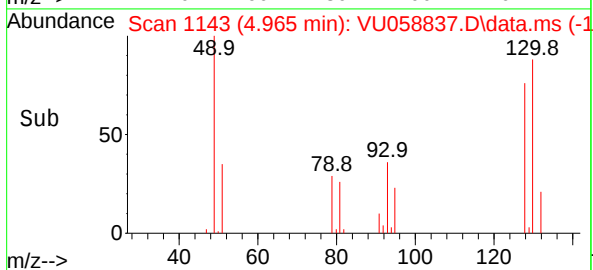
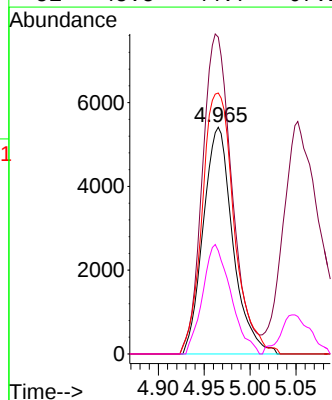
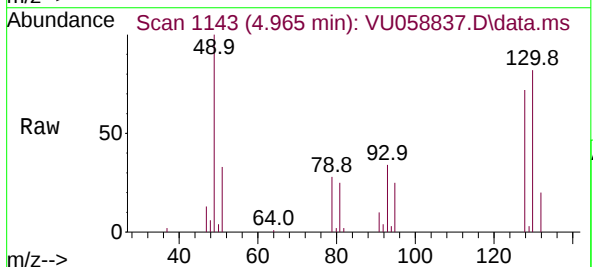


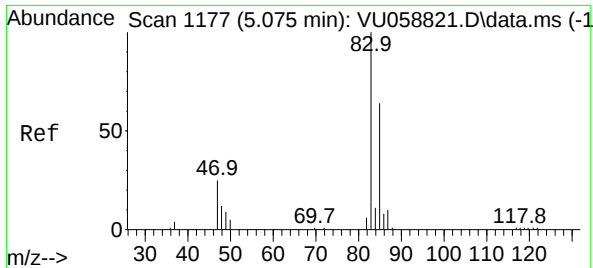
Tgt Ion: 96 Resp: 28712
Ion Ratio Lower Upper
96 100
61 128.9 100.4 186.4
98 66.2 45.1 83.7



#23
Bromochloromethane
Concen: 5.852 ug/L
RT: 4.965 min Scan# 1143
Delta R.T. 0.003 min
Lab File: VU058837.D
Acq: 07 May 2024 10:06

Tgt Ion: 128 Resp: 12138
Ion Ratio Lower Upper
128 100
49 139.8 129.1 239.7
130 115.1 92.1 171.1
51 45.5 44.7 67.1





#25

Chloroform

Concen: 5.580 ug/L

RT: 5.075 min Scan# 1177

Delta R.T. -0.000 min

Lab File: VU058837.D

Acq: 07 May 2024 10:06

Instrument :

MSVOA_U

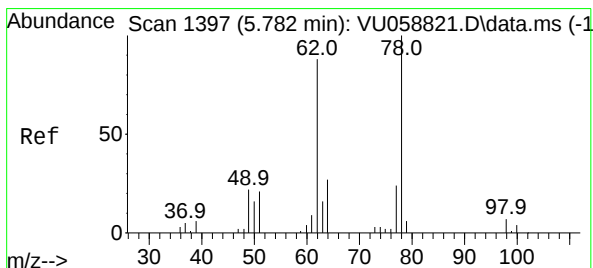
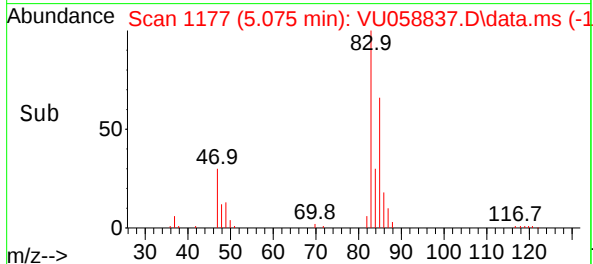
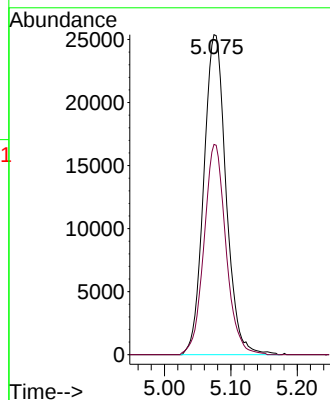
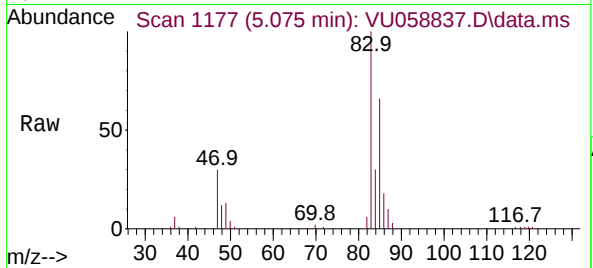
ClientSampleId :

Tgt Ion: 83 Resp: 59240

Ion Ratio Lower Upper

83 100

85 65.7 47.0 87.4



#27

1,2-Dichloroethane

Concen: 5.495 ug/L

RT: 5.785 min Scan# 1398

Delta R.T. 0.003 min

Lab File: VU058837.D

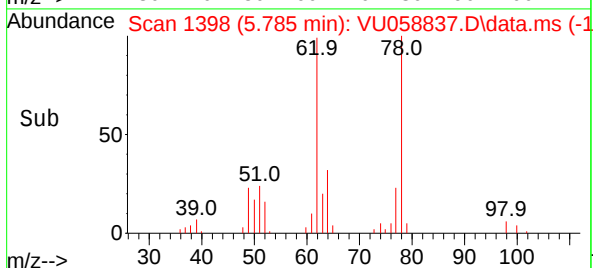
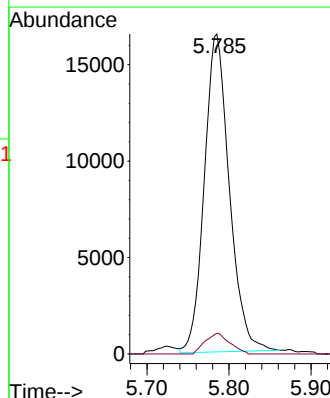
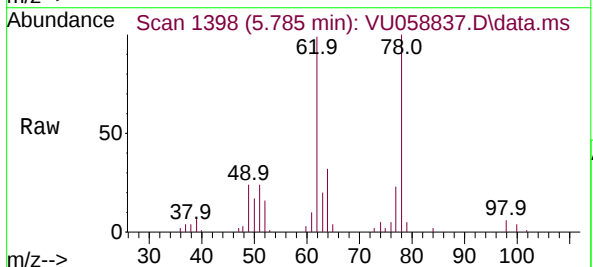
Acq: 07 May 2024 10:06

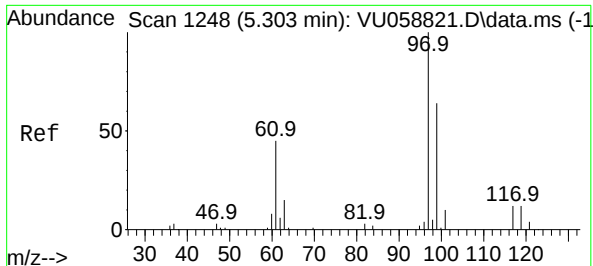
Tgt Ion: 62 Resp: 34897

Ion Ratio Lower Upper

62 100

98 6.5 6.7 10.1#

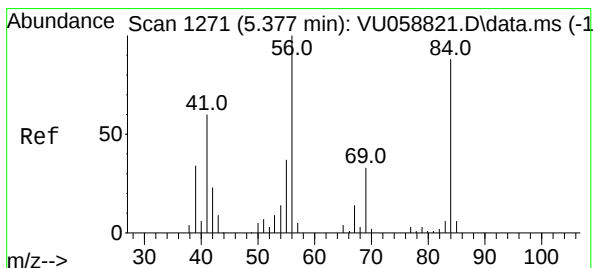
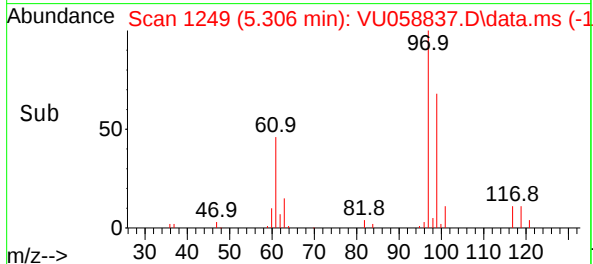
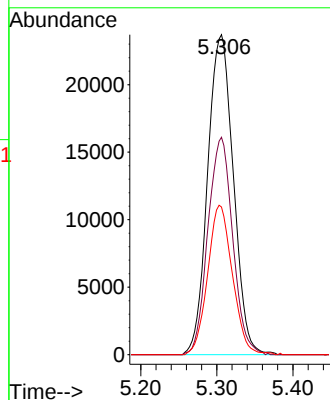
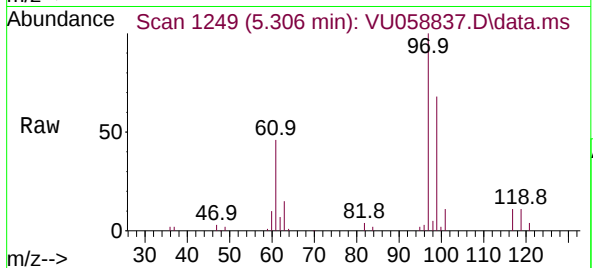




#29
1,1,1-Trichloroethane
Concen: 6.089 ug/L
RT: 5.306 min Scan# 1248
Delta R.T. 0.003 min
Lab File: VU058837.D
Acq: 07 May 2024 10:06

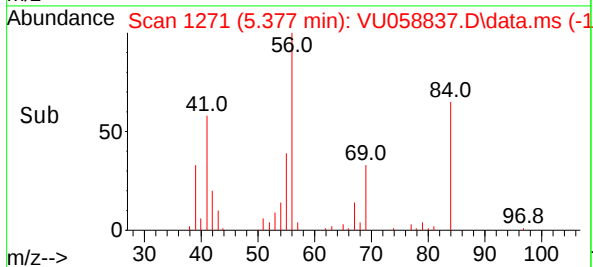
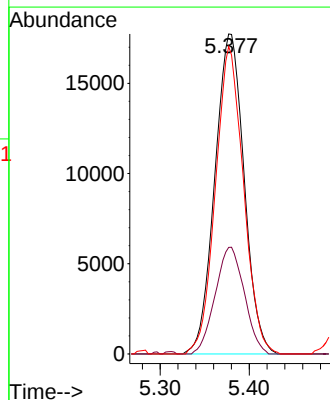
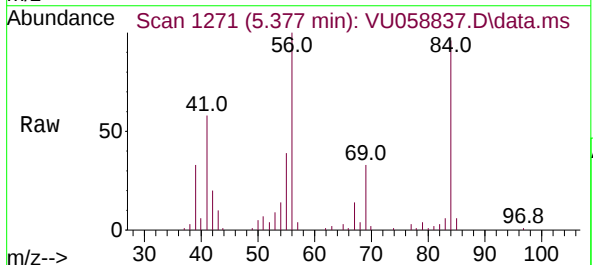
Instrument :
MSVOA_U
ClientSampleId :

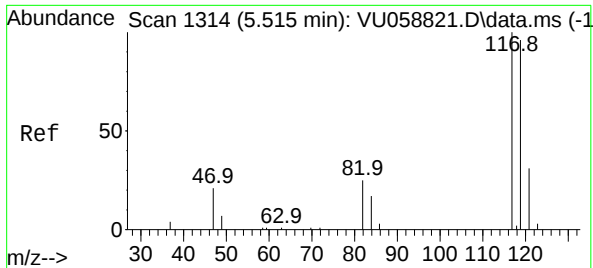
Tgt Ion: 97 Resp: 55784
Ion Ratio Lower Upper
97 100
99 65.4 50.5 75.7
61 44.9 37.3 55.9



#30
Cyclohexane
Concen: 4.675 ug/L
RT: 5.377 min Scan# 1271
Delta R.T. -0.000 min
Lab File: VU058837.D
Acq: 07 May 2024 10:06

Tgt Ion: 56 Resp: 40430
Ion Ratio Lower Upper
56 100
69 33.2 23.7 35.5
84 92.0 64.2 96.4

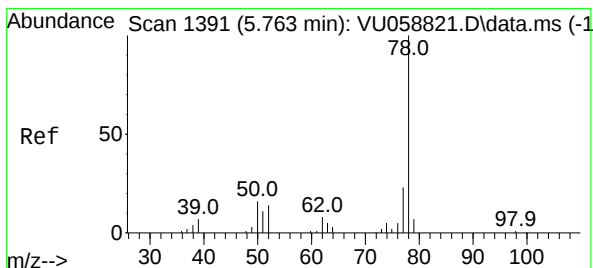
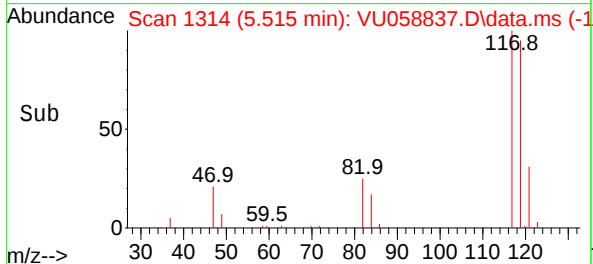
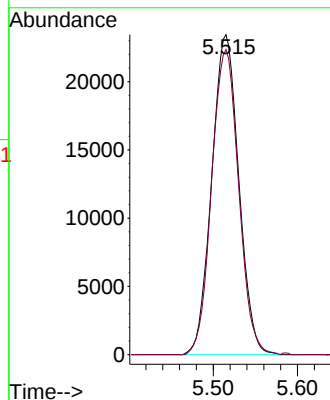
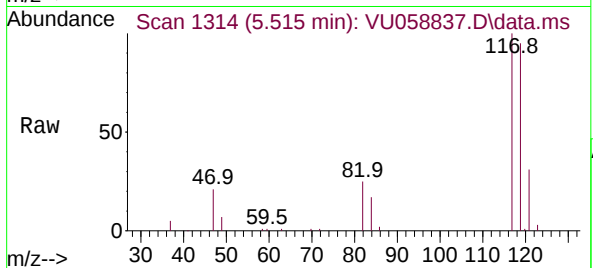




#31
Carbon tetrachloride
Concen: 6.446 ug/L
RT: 5.515 min Scan# 1314
Delta R.T. -0.000 min
Lab File: VU058837.D
Acq: 07 May 2024 10:06

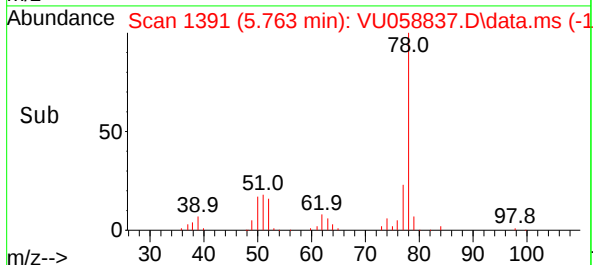
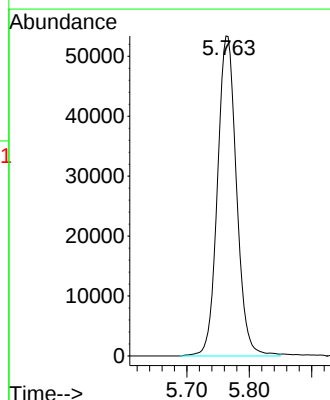
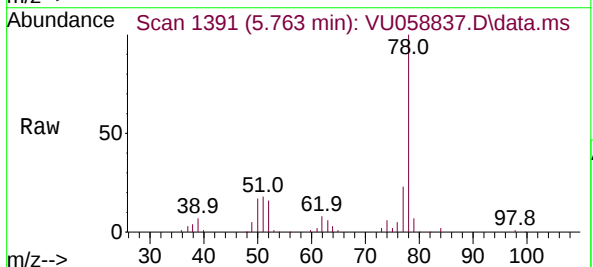
Instrument :
MSVOA_U
ClientSampleId :

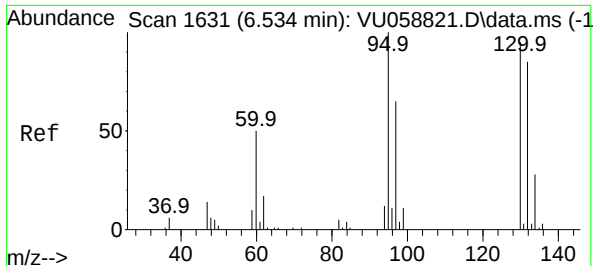
Tgt Ion:117 Resp: 52198
Ion Ratio Lower Upper
117 100
119 95.2 77.0 115.4



#33
Benzene
Concen: 5.330 ug/L
RT: 5.763 min Scan# 1391
Delta R.T. -0.000 min
Lab File: VU058837.D
Acq: 07 May 2024 10:06

Tgt Ion: 78 Resp: 113201





#34

Trichloroethene

Concen: 5.360 ug/L

RT: 6.534 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU058837.D

Acq: 07 May 2024 10:06

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 95 Resp: 30977

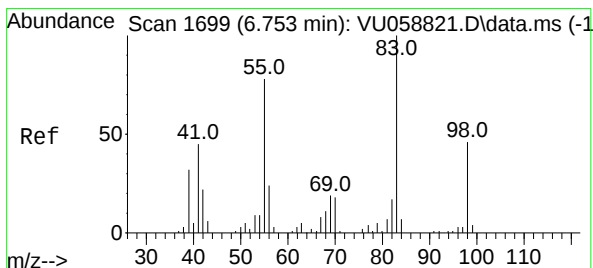
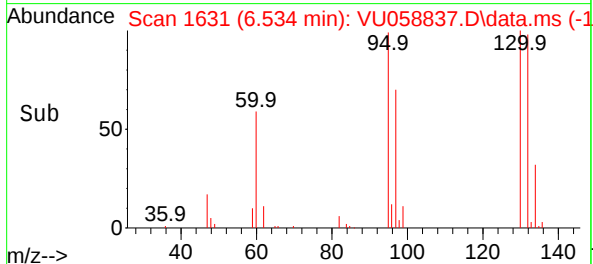
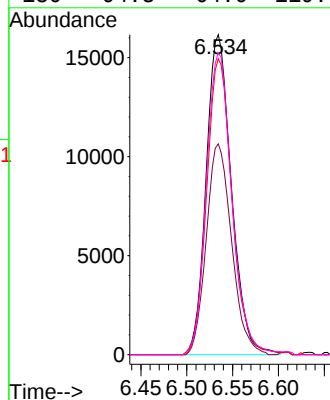
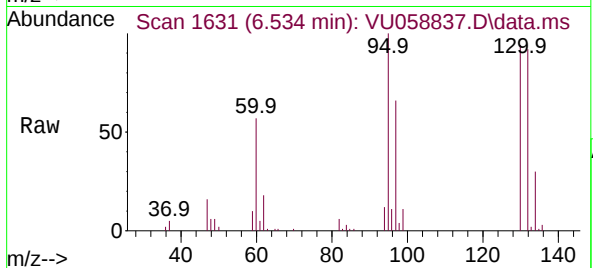
Ion Ratio Lower Upper

95 100

97 65.9 44.4 82.4

132 92.5 61.6 114.4

130 94.3 64.0 119.0



#35

Methylcyclohexane

Concen: 5.215 ug/L

RT: 6.756 min Scan# 1700

Delta R.T. 0.003 min

Lab File: VU058837.D

Acq: 07 May 2024 10:06

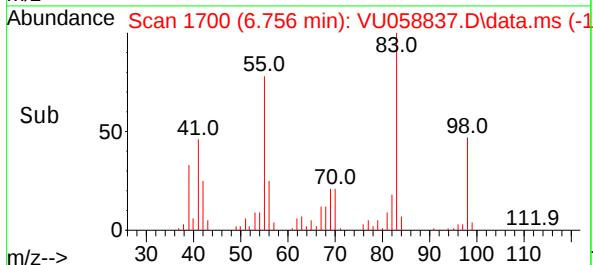
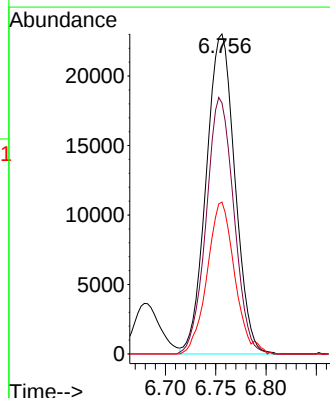
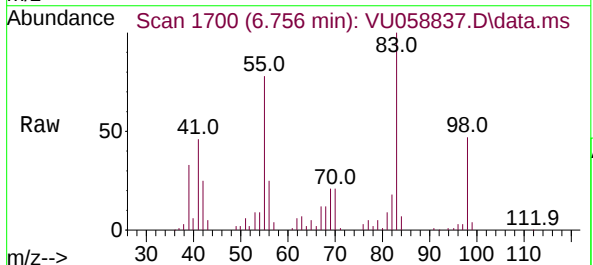
Tgt Ion: 83 Resp: 45800

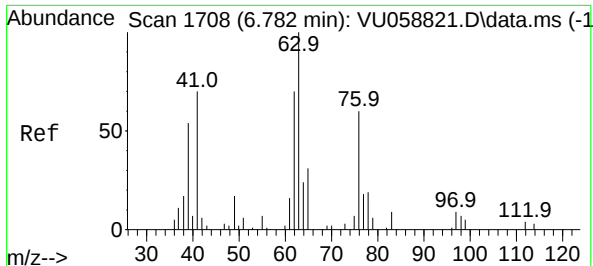
Ion Ratio Lower Upper

83 100

55 77.2 66.6 100.0

98 45.4 35.4 53.2

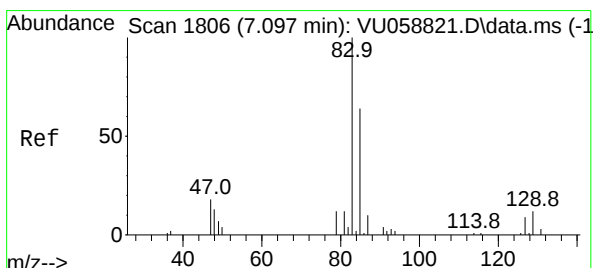
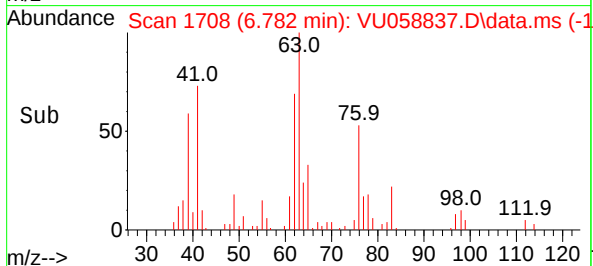
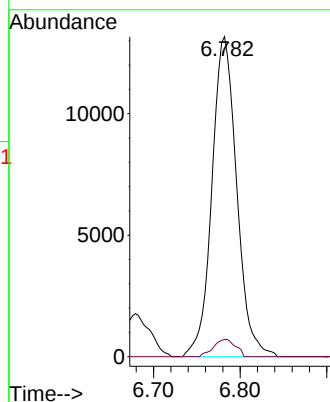
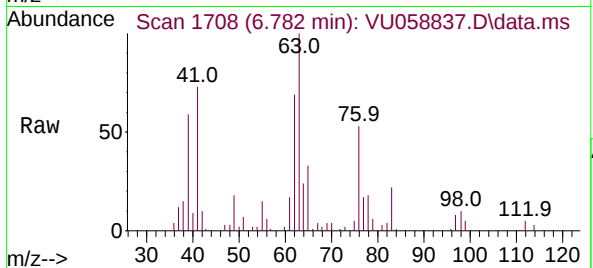




#37
1,2-Dichloropropane
Concen: 4.728 ug/L
RT: 6.782 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU058837.D
Acq: 07 May 2024 10:06

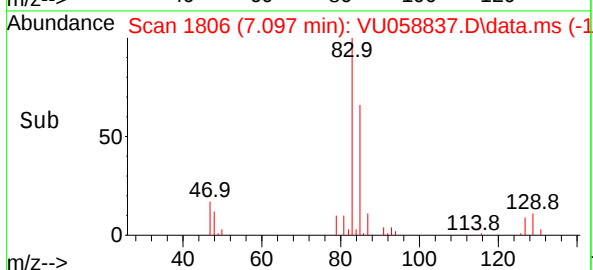
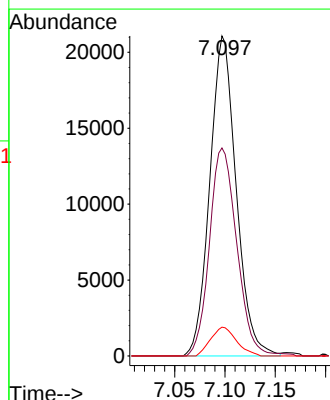
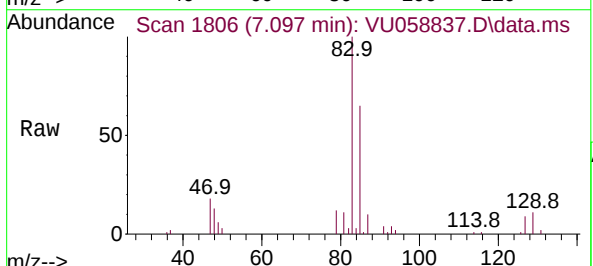
Instrument :
MSVOA_U
ClientSampleId :

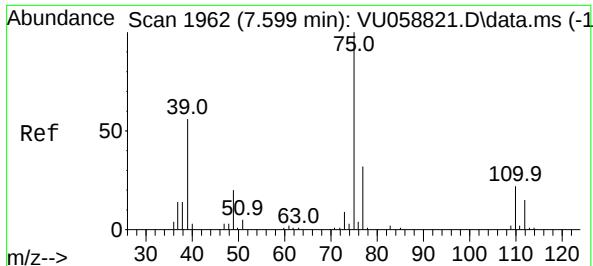
Tgt Ion: 63 Resp: 26227
Ion Ratio Lower Upper
63 100
112 4.8 2.8 4.2#



#38
Bromodichloromethane
Concen: 5.605 ug/L
RT: 7.097 min Scan# 1806
Delta R.T. -0.000 min
Lab File: VU058837.D
Acq: 07 May 2024 10:06

Tgt Ion: 83 Resp: 38519
Ion Ratio Lower Upper
83 100
85 65.0 45.2 84.0
127 9.0 6.3 9.5

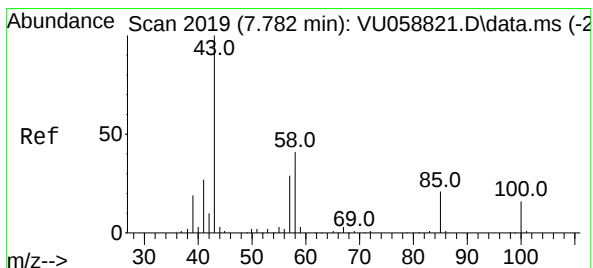
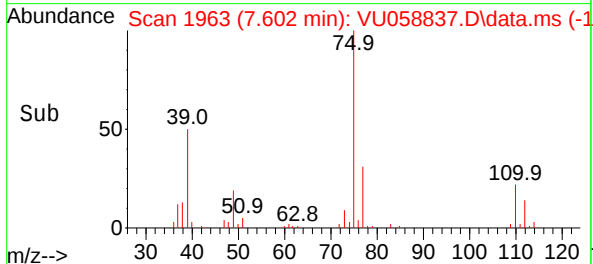
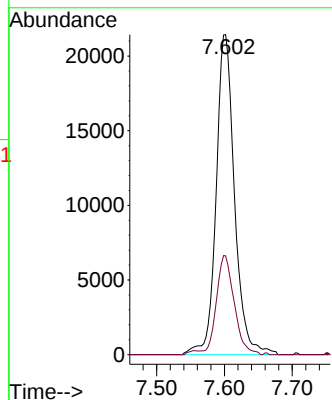
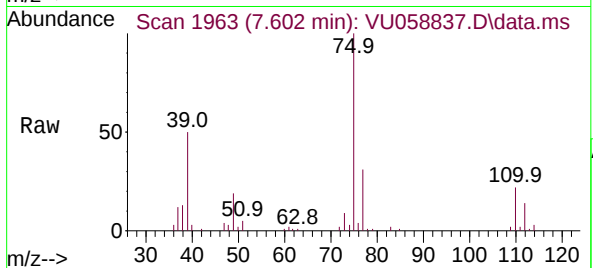




#39
cis-1,3-Dichloropropene
Concen: 5.261 ug/L
RT: 7.602 min Scan# 1963
Delta R.T. 0.003 min
Lab File: VU058837.D
Acq: 07 May 2024 10:06

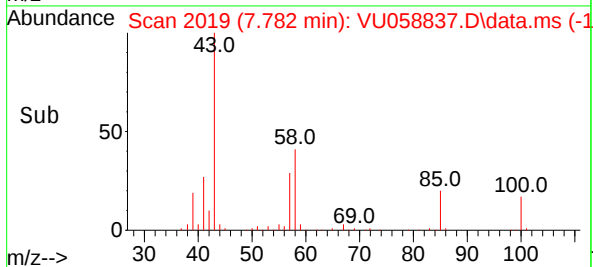
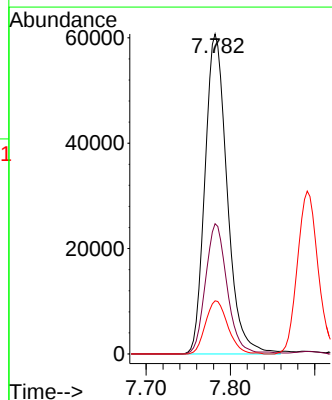
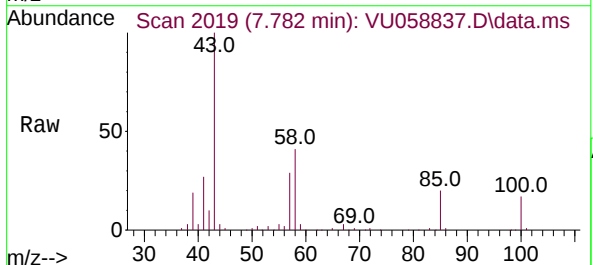
Instrument :
MSVOA_U
ClientSampleId :

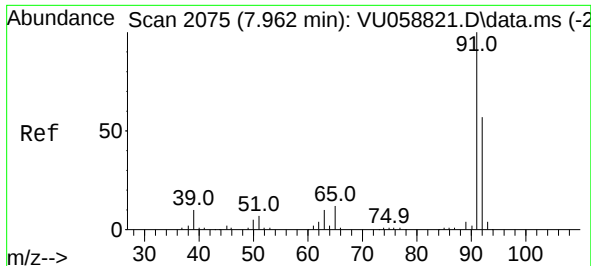
Tgt Ion: 75 Resp: 40406
Ion Ratio Lower Upper
75 100
77 30.9 21.9 40.7



#40
4-Methyl-2-pentanone
Concen: 45.426 ug/L
RT: 7.782 min Scan# 2019
Delta R.T. -0.000 min
Lab File: VU058837.D
Acq: 07 May 2024 10:06

Tgt Ion: 43 Resp: 111228
Ion Ratio Lower Upper
43 100
58 40.1 31.5 47.3
100 16.7 11.4 17.0





#42

Toluene

Concen: 5.420 ug/L

RT: 7.962 min Scan# 2075

Delta R.T. -0.000 min

Lab File: VU058837.D

Acq: 07 May 2024 10:06

Instrument :

MSVOA_U

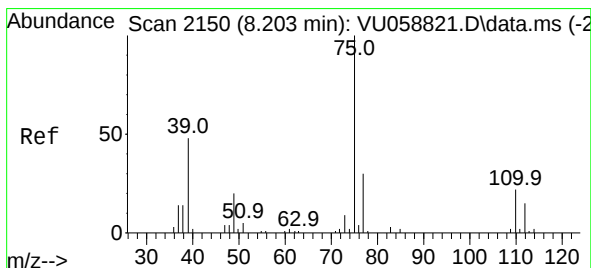
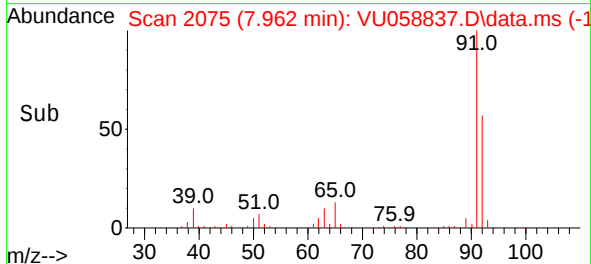
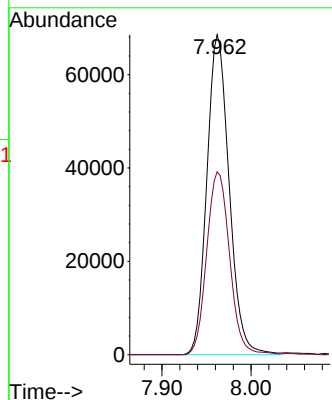
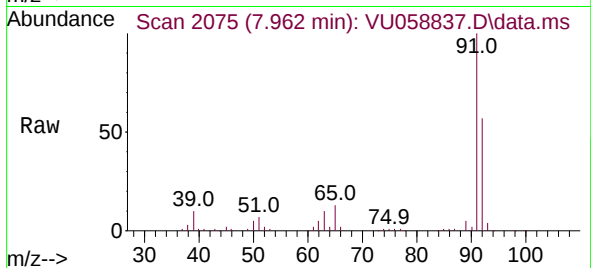
ClientSampleId :

Tgt Ion: 91 Resp: 118974

Ion Ratio Lower Upper

91 100

92 57.1 40.0 74.2



#44

trans-1,3-Dichloropropene

Concen: 5.532 ug/L

RT: 8.203 min Scan# 2150

Delta R.T. -0.000 min

Lab File: VU058837.D

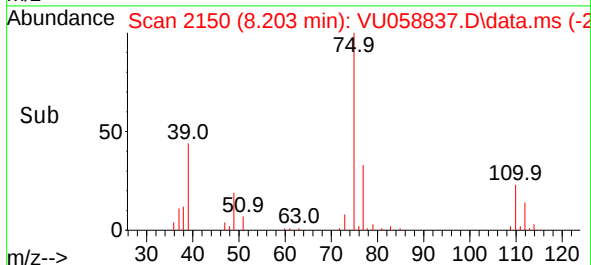
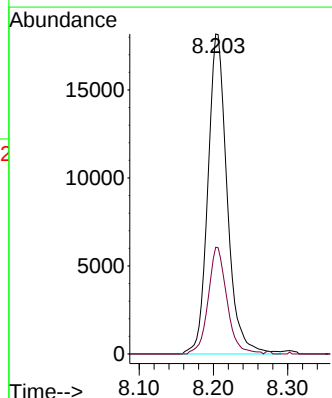
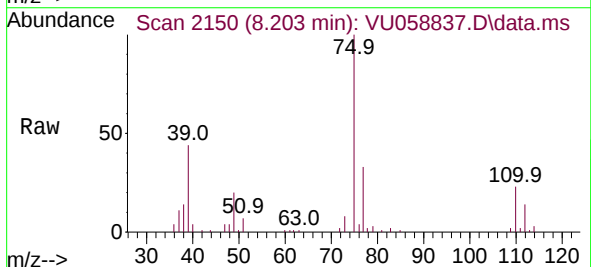
Acq: 07 May 2024 10:06

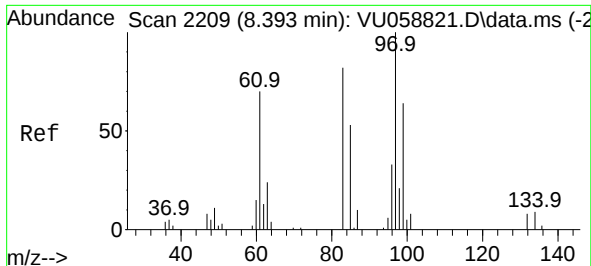
Tgt Ion: 75 Resp: 32711

Ion Ratio Lower Upper

75 100

77 33.3 22.1 41.1

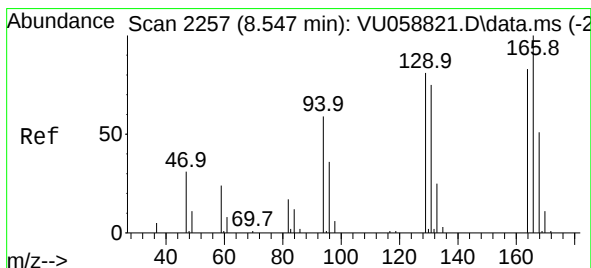
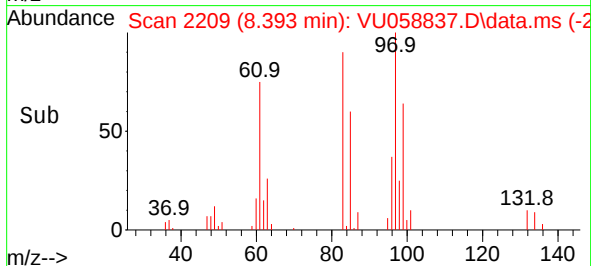
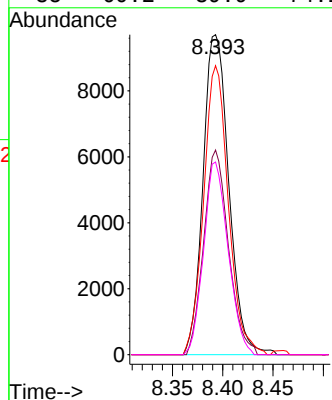
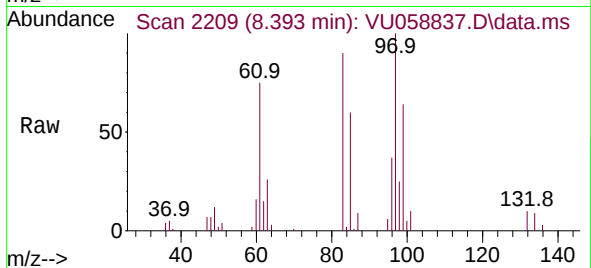




#45
1,1,2-Trichloroethane
Concen: 5.438 ug/L
RT: 8.393 min Scan# 2209
Delta R.T. -0.000 min
Lab File: VU058837.D
Acq: 07 May 2024 10:06

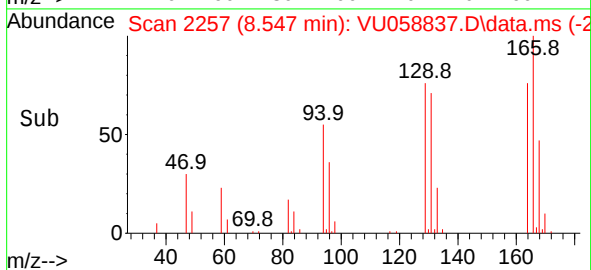
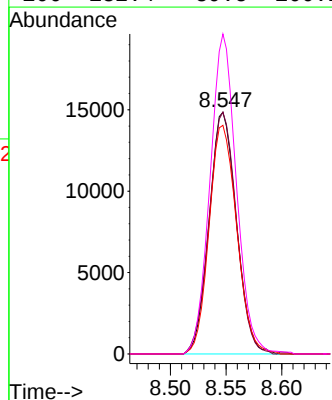
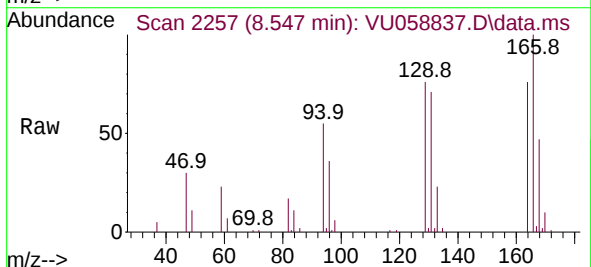
Instrument :
MSVOA_U
ClientSampleId :

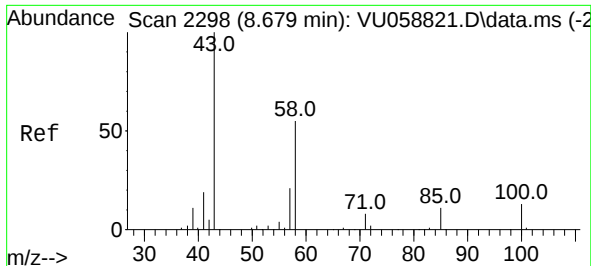
Tgt Ion:	97	Resp:	17358
Ion	Ratio	Lower	Upper
97	100		
99	63.9	43.7	81.1
83	90.3	62.9	116.9
85	60.2	39.9	74.1



#47
Tetrachloroethene
Concen: 6.232 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. -0.000 min
Lab File: VU058837.D
Acq: 07 May 2024 10:06

Tgt Ion:	164	Resp:	25274
Ion	Ratio	Lower	Upper
164	100		
129	100.0	71.5	132.9
131	94.6	65.0	120.6
166	132.4	89.5	166.1





#48

2-Hexanone

Concen: 46.330 ug/L

RT: 8.676 min Scan# 21

Delta R.T. -0.003 min

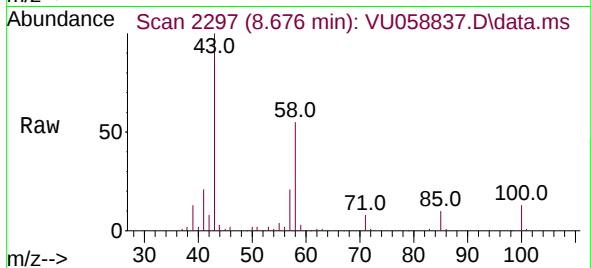
Lab File: VU058837.D

Acq: 07 May 2024 10:06

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion: 43 Resp: 80586

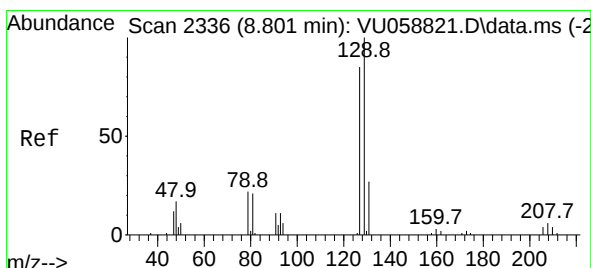
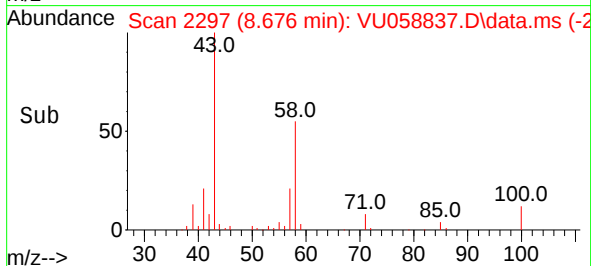
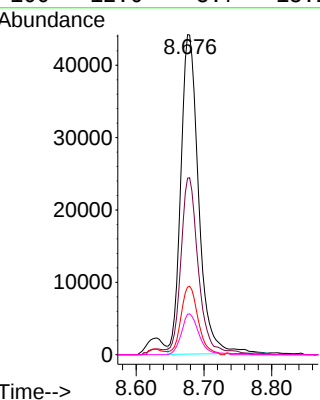
Ion Ratio Lower Upper

43 100

58 54.1 43.7 65.5

57 20.6 15.0 22.4

100 12.6 8.7 13.1



#49

Dibromochloromethane

Concen: 6.003 ug/L

RT: 8.804 min Scan# 2337

Delta R.T. 0.003 min

Lab File: VU058837.D

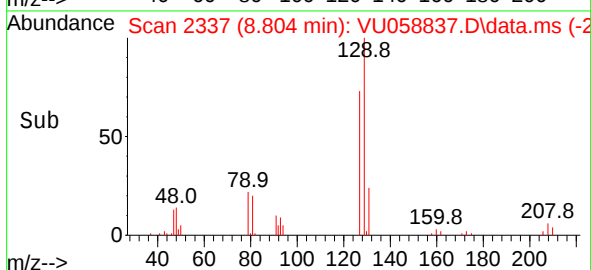
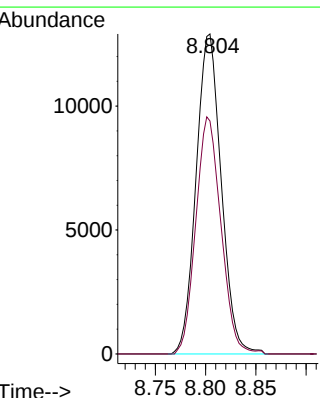
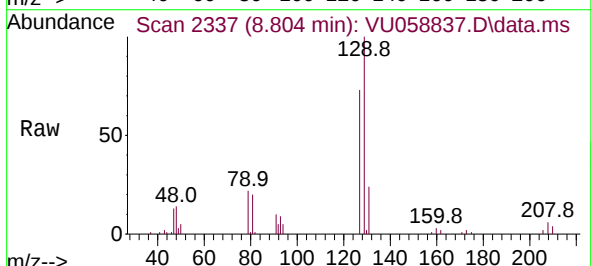
Acq: 07 May 2024 10:06

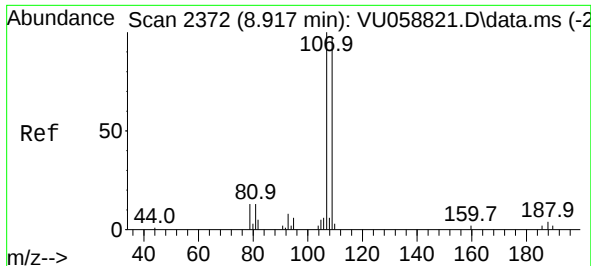
Tgt Ion: 129 Resp: 22442

Ion Ratio Lower Upper

129 100

127 72.8 51.0 94.8

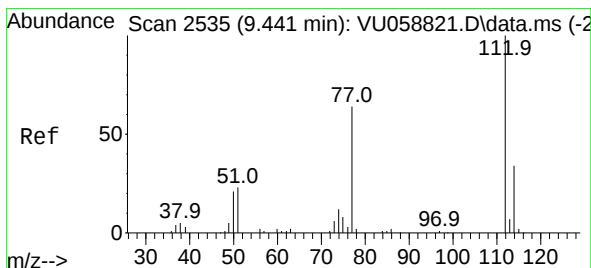
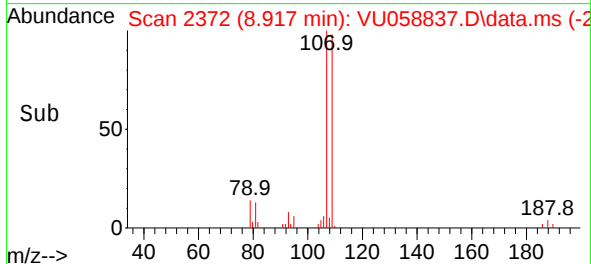
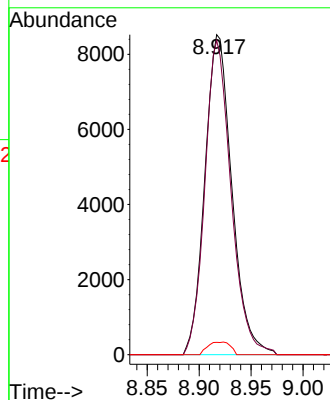
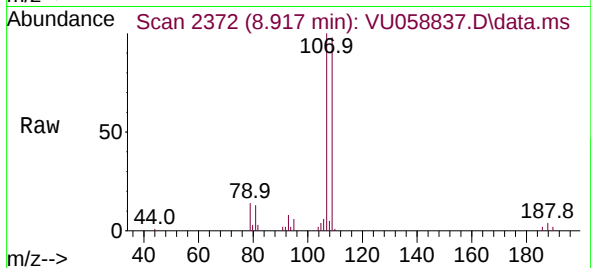




#50
1,2-Dibromoethane
Concen: 5.243 ug/L
RT: 8.917 min Scan# 2372
Delta R.T. -0.000 min
Lab File: VU058837.D
Acq: 07 May 2024 10:06

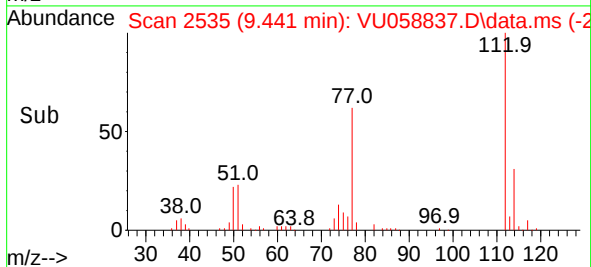
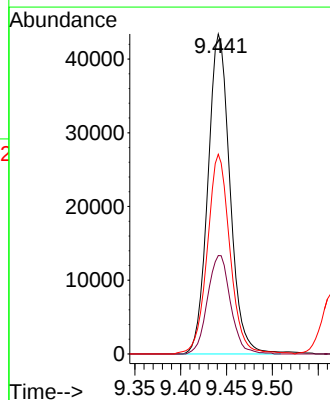
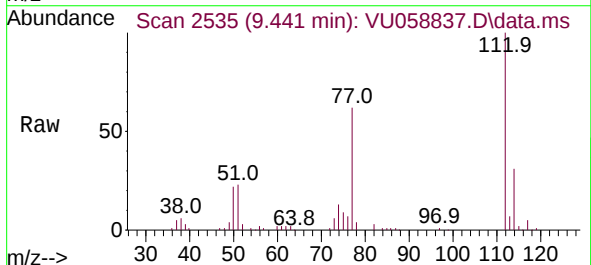
Instrument :
MSVOA_U
ClientSampleId :

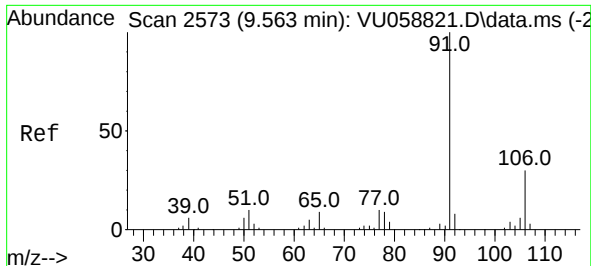
Tgt Ion:107 Resp: 15398
Ion Ratio Lower Upper
107 100
109 98.1 62.3 115.7
188 3.8 2.9 4.3



#51
Chlorobenzene
Concen: 5.429 ug/L
RT: 9.441 min Scan# 2535
Delta R.T. -0.000 min
Lab File: VU058837.D
Acq: 07 May 2024 10:06

Tgt Ion:112 Resp: 72599
Ion Ratio Lower Upper
112 100
114 30.8 21.7 40.3
77 62.4 50.5 75.7

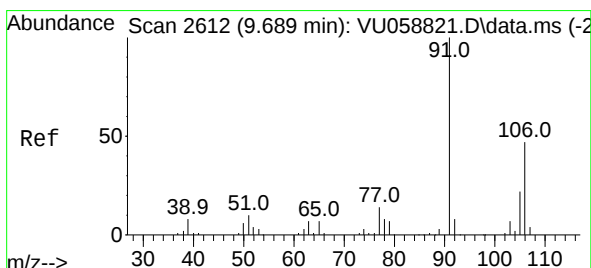
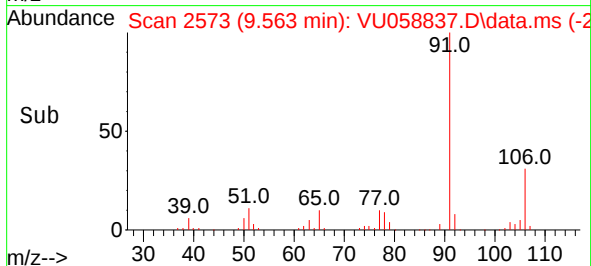
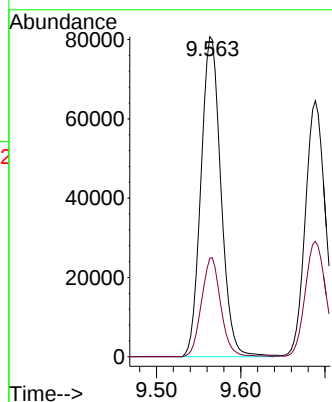
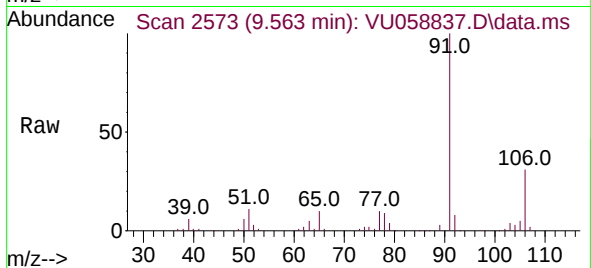




#52
Ethylbenzene
Concen: 5.515 ug/L
RT: 9.563 min Scan# 2573
Delta R.T. -0.000 min
Lab File: VU058837.D
Acq: 07 May 2024 10:06

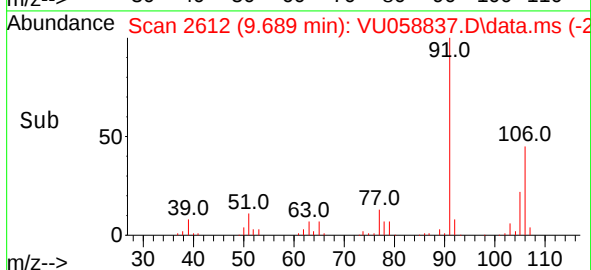
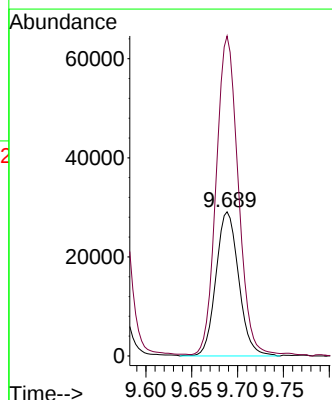
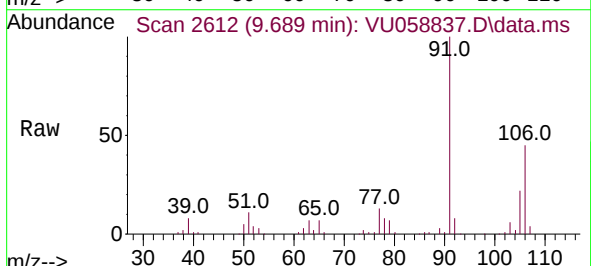
Instrument :
MSVOA_U
ClientSampleId :

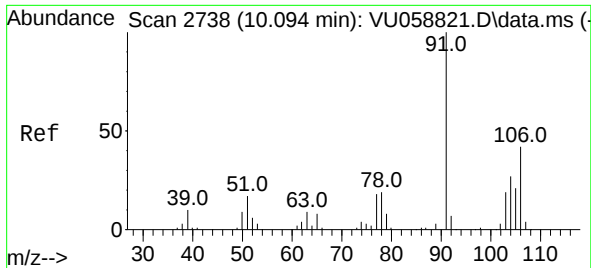
Tgt Ion: 91 Resp: 133501
Ion Ratio Lower Upper
91 100
106 30.8 20.9 38.9



#53
m,p-Xylene
Concen: 5.649 ug/L
RT: 9.689 min Scan# 2612
Delta R.T. -0.000 min
Lab File: VU058837.D
Acq: 07 May 2024 10:06

Tgt Ion:106 Resp: 50227
Ion Ratio Lower Upper
106 100
91 221.9 155.1 288.1

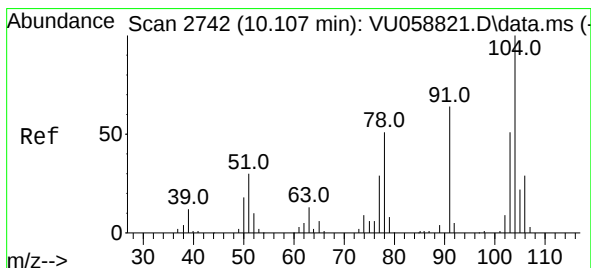
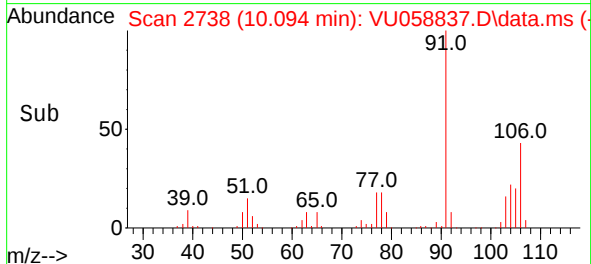
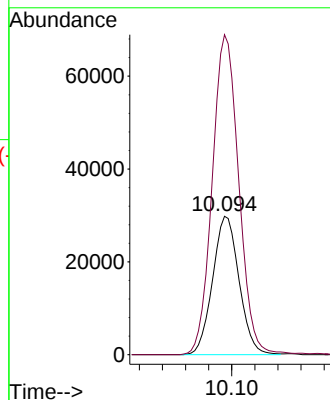
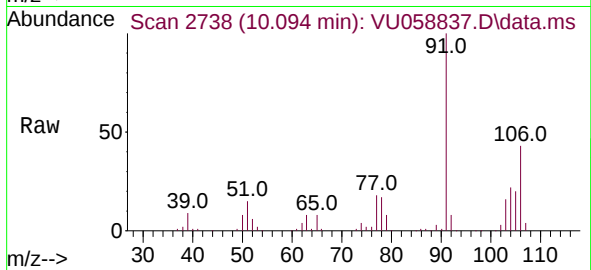




#54
o-Xylene
Concen: 5.625 ug/L
RT: 10.094 min Scan# 2738
Delta R.T. -0.000 min
Lab File: VU058837.D
Acq: 07 May 2024 10:06

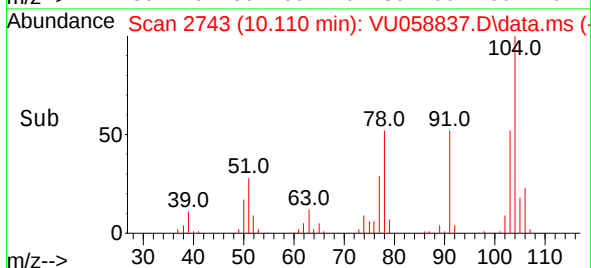
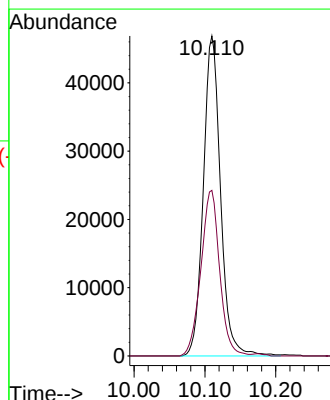
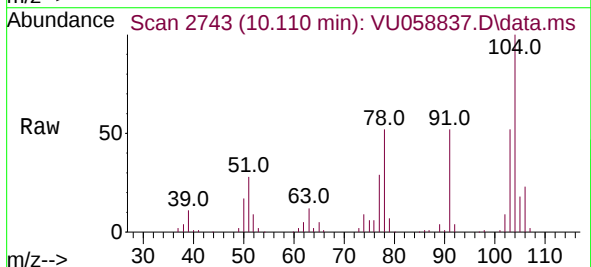
Instrument :
MSVOA_U
ClientSampleId :

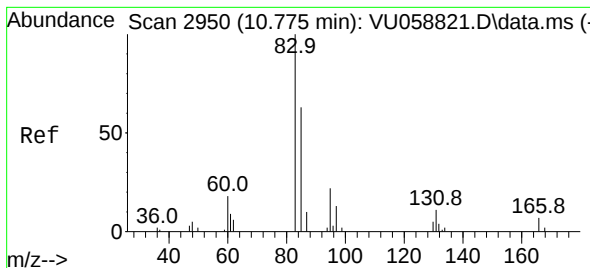
Tgt Ion:106 Resp: 47413
Ion Ratio Lower Upper
106 100
91 231.2 163.7 304.1



#55
Styrene
Concen: 5.760 ug/L
RT: 10.110 min Scan# 2743
Delta R.T. 0.003 min
Lab File: VU058837.D
Acq: 07 May 2024 10:06

Tgt Ion:104 Resp: 79090
Ion Ratio Lower Upper
104 100
78 51.7 37.1 68.9





#57

1,1,2,2-Tetrachloroethane

Concen: 5.006 ug/L

RT: 10.775 min Scan# 2950

Delta R.T. -0.000 min

Lab File: VU058837.D

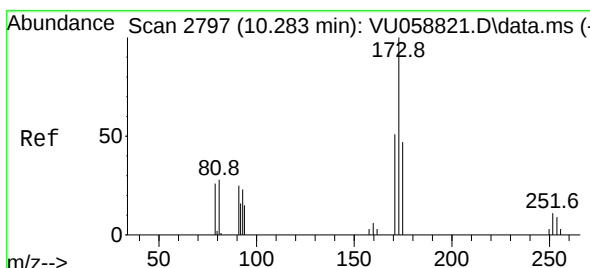
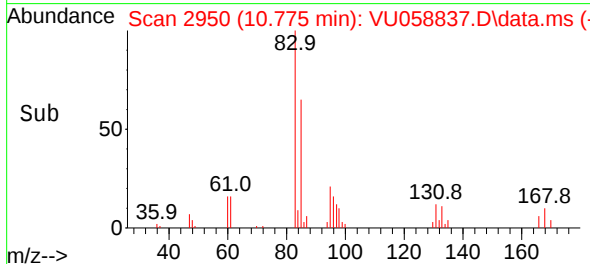
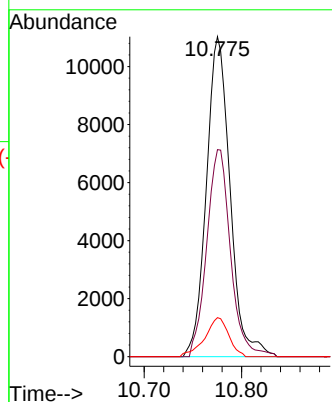
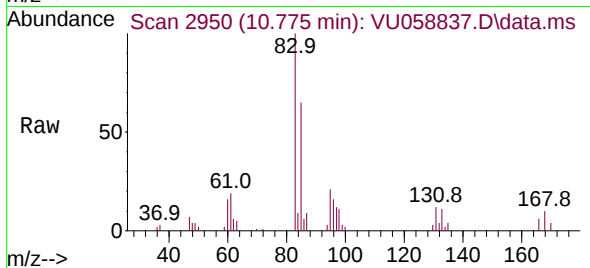
Acq: 07 May 2024 10:06

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	83	Resp:	18624
Ion Ratio	Lower	Upper	
83	100		
85	64.7	44.6	82.8
131	12.2	6.7	10.1#



#59

Bromoform

Concen: 5.706 ug/L

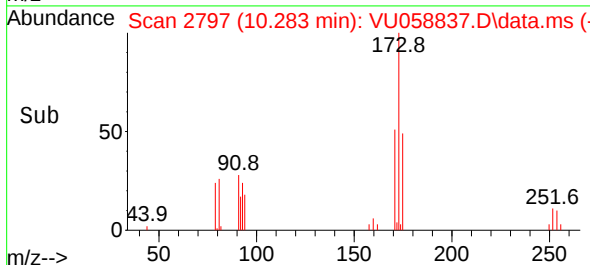
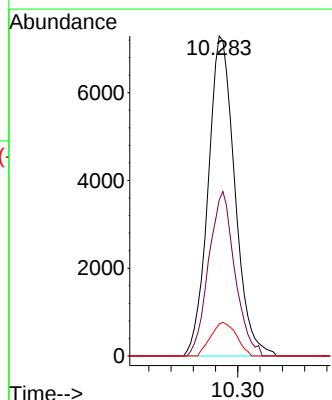
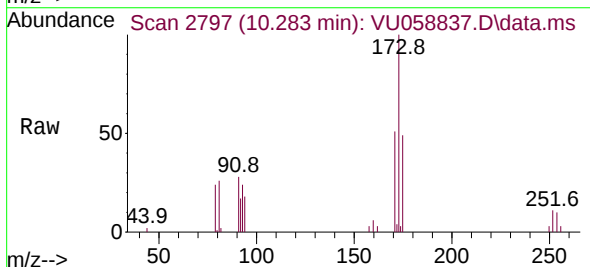
RT: 10.283 min Scan# 2797

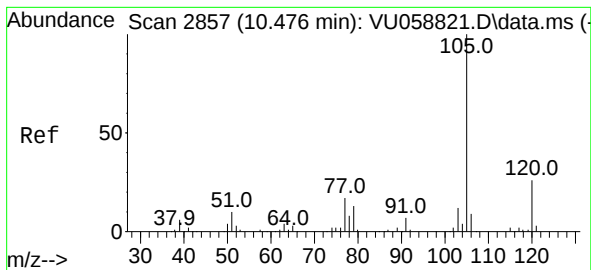
Delta R.T. -0.000 min

Lab File: VU058837.D

Acq: 07 May 2024 10:06

Tgt Ion:	173	Resp:	12120
Ion Ratio	Lower	Upper	
173	100		
175	50.3	39.3	58.9
254	10.1	7.5	11.3





#60

Isopropylbenzene

Concen: 5.668 ug/L

RT: 10.479 min Scan# 2857

Delta R.T. 0.003 min

Lab File: VU058837.D

Acq: 07 May 2024 10:06

Instrument :

MSVOA_U

ClientSampleId :

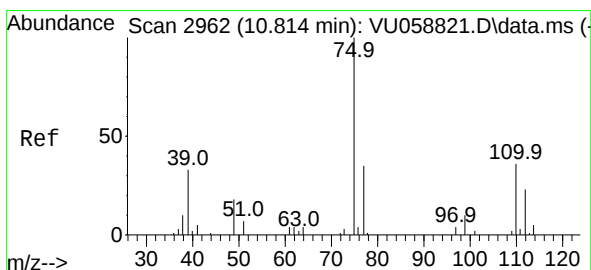
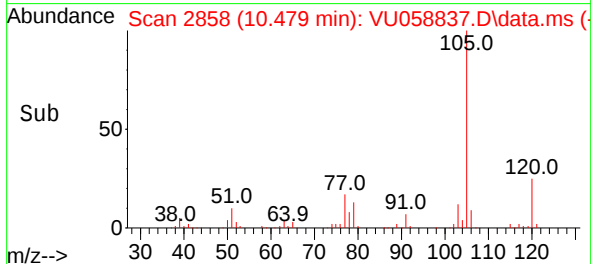
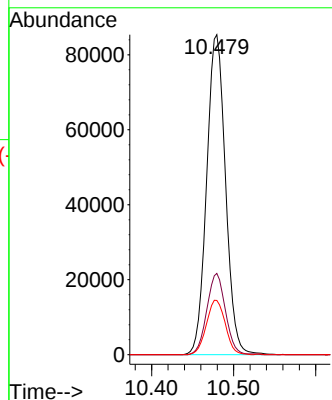
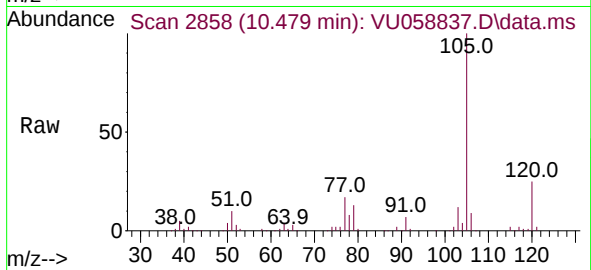
Tgt Ion:105 Resp: 136361

Ion Ratio Lower Upper

105 100

120 25.1 19.6 29.4

77 17.1 13.8 20.8



#61

1,2,3-Trichloropropane

Concen: 5.096 ug/L

RT: 10.817 min Scan# 2963

Delta R.T. 0.003 min

Lab File: VU058837.D

Acq: 07 May 2024 10:06

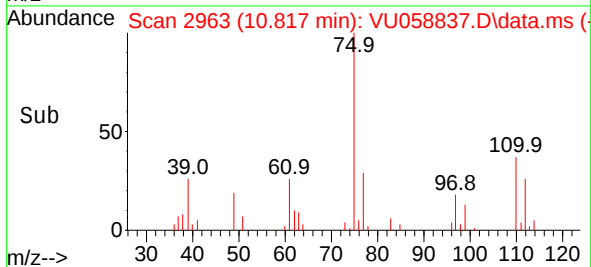
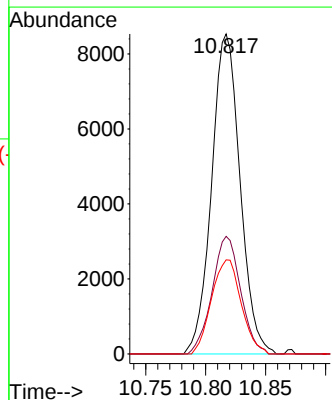
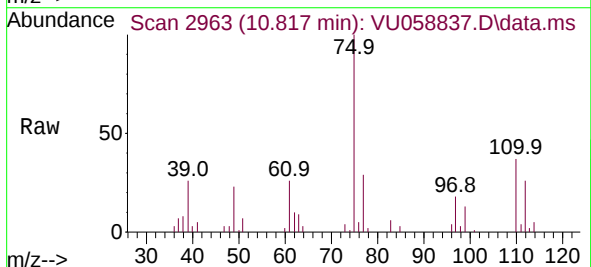
Tgt Ion: 75 Resp: 14068

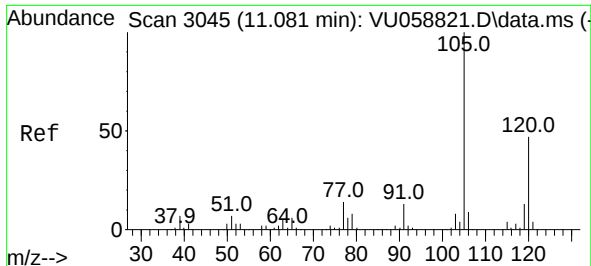
Ion Ratio Lower Upper

75 100

110 36.7 28.6 43.0

77 30.7 25.4 38.2





#62

1,3,5-Trimethylbenzene

Concen: 5.724 ug/L

RT: 11.084 min Scan# 3045

Delta R.T. 0.003 min

Lab File: VU058837.D

Acq: 07 May 2024 10:06

Instrument :

MSVOA_U

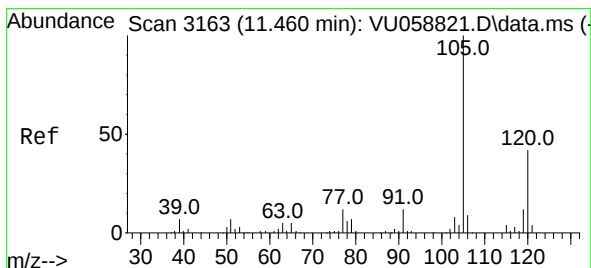
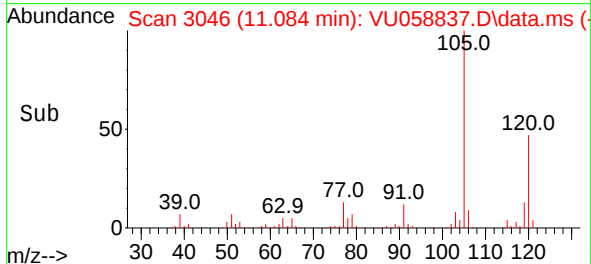
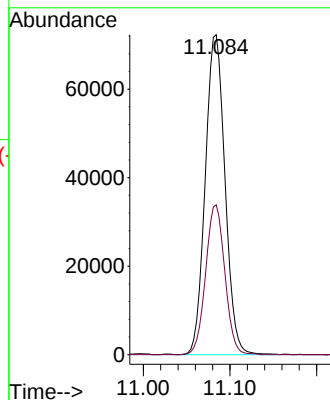
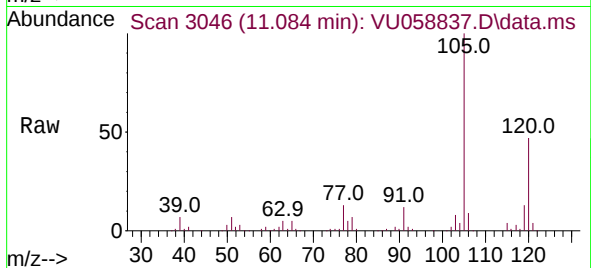
ClientSampleId :

Tgt Ion:105 Resp: 114608

Ion Ratio Lower Upper

105 100

120 45.5 36.2 54.4



#63

1,2,4-Trimethylbenzene

Concen: 5.804 ug/L

RT: 11.463 min Scan# 3164

Delta R.T. 0.003 min

Lab File: VU058837.D

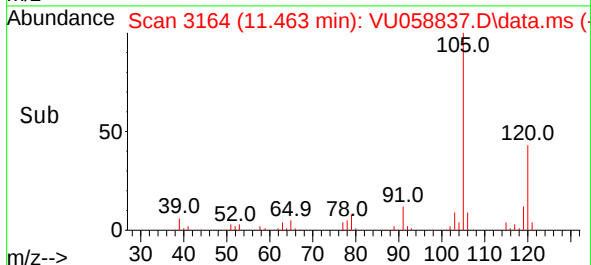
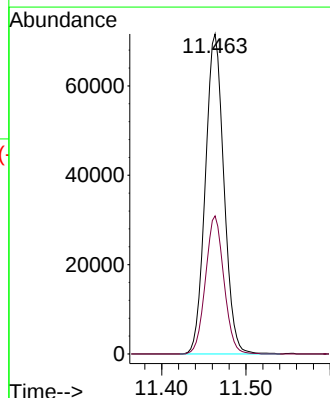
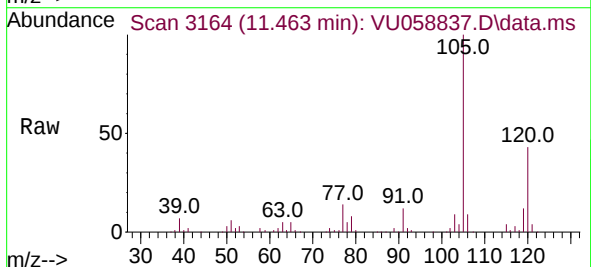
Acq: 07 May 2024 10:06

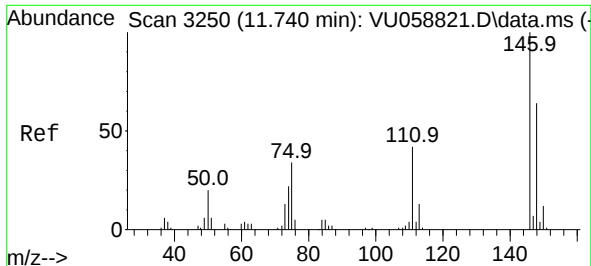
Tgt Ion:105 Resp: 109946

Ion Ratio Lower Upper

105 100

120 42.7 33.4 50.0





#64

1,3-Dichlorobenzene

Concen: 5.570 ug/L

RT: 11.740 min Scan# 3250

Delta R.T. -0.000 min

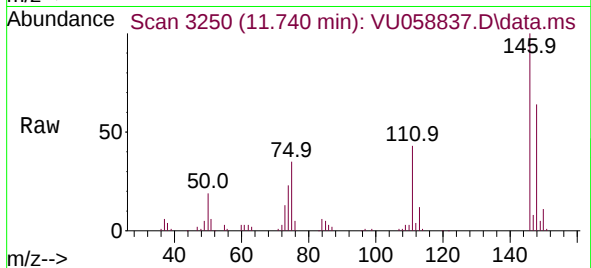
Lab File: VU058837.D

Acq: 07 May 2024 10:06

Instrument :

MSVOA_U

ClientSampleId :



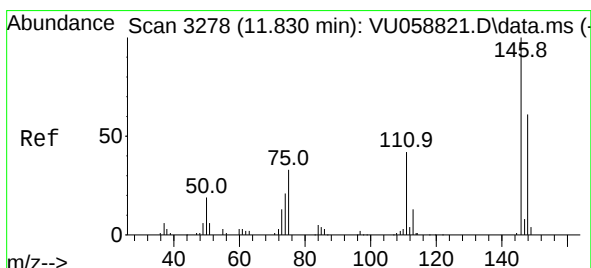
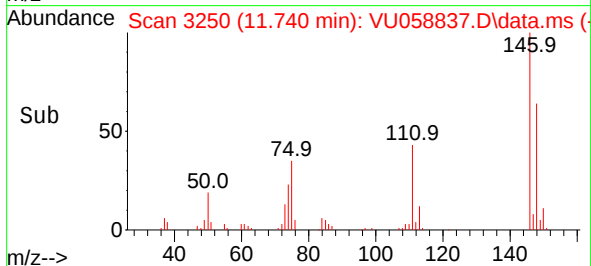
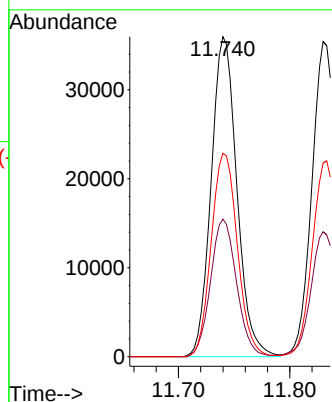
Tgt Ion:146 Resp: 57761

Ion Ratio Lower Upper

146 100

111 43.0 30.9 57.3

148 63.5 44.2 82.0



#65

1,4-Dichlorobenzene

Concen: 5.645 ug/L

RT: 11.830 min Scan# 3278

Delta R.T. -0.000 min

Lab File: VU058837.D

Acq: 07 May 2024 10:06

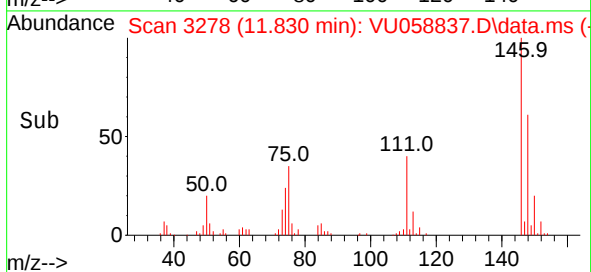
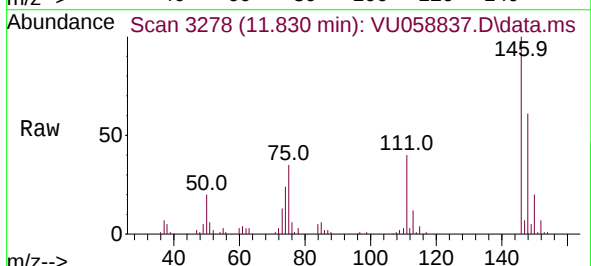
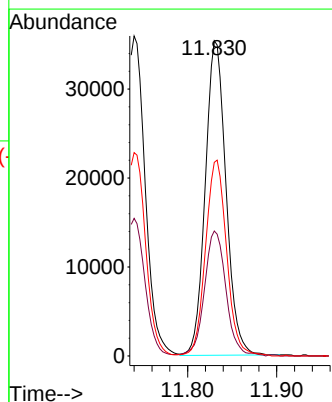
Tgt Ion:146 Resp: 57123

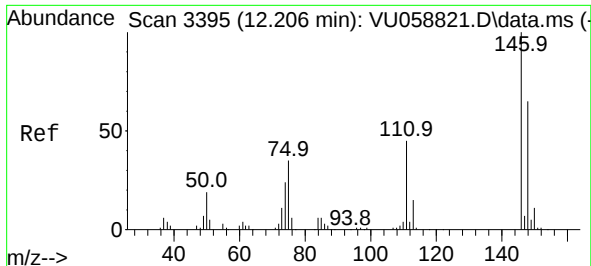
Ion Ratio Lower Upper

146 100

111 39.7 29.3 54.3

148 61.4 44.4 82.4





#67

1,2-Dichlorobenzene

Concen: 5.566 ug/L

RT: 12.206 min Scan# 3395

Delta R.T. -0.000 min

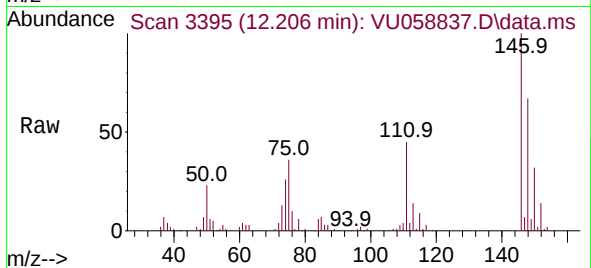
Lab File: VU058837.D

Acq: 07 May 2024 10:06

Instrument :

MSVOA_U

ClientSampleId :



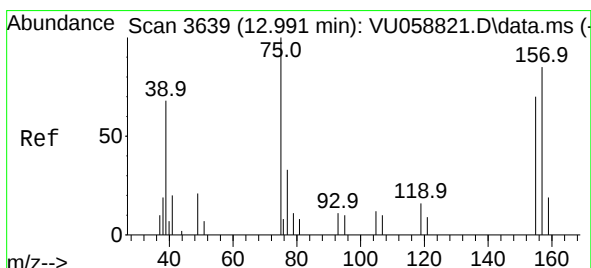
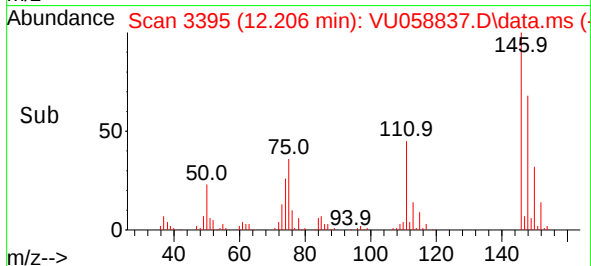
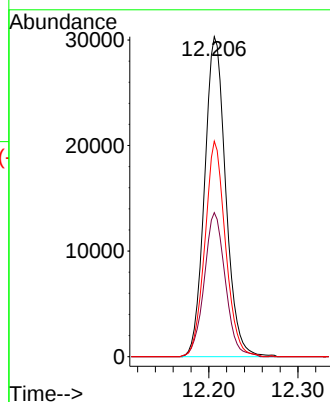
Tgt Ion:146 Resp: 49967

Ion Ratio Lower Upper

146 100

111 45.0 35.7 53.5

148 67.4 51.6 77.4



#68

1,2-Dibromo-3-chloropropane

Concen: 6.393 ug/L

RT: 12.991 min Scan# 3639

Delta R.T. -0.000 min

Lab File: VU058837.D

Acq: 07 May 2024 10:06

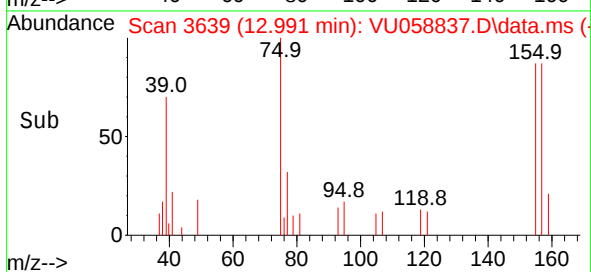
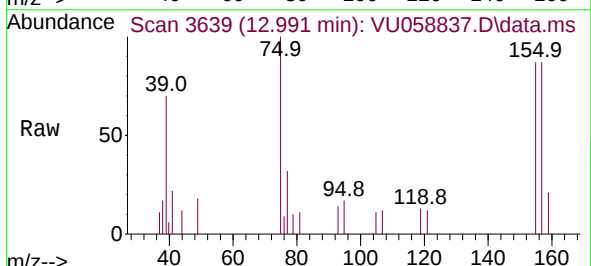
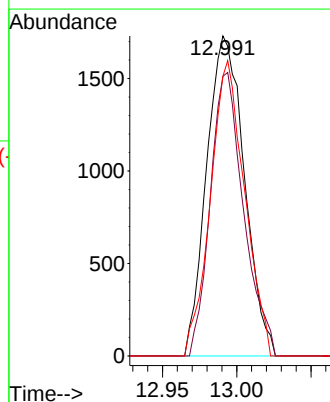
Tgt Ion: 75 Resp: 3050

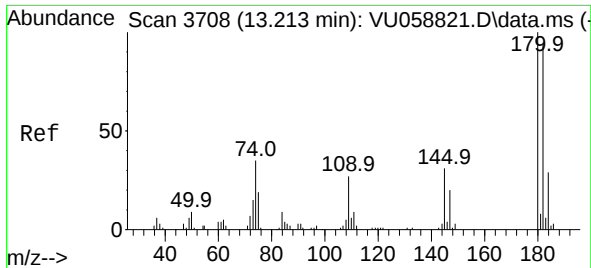
Ion Ratio Lower Upper

75 100

155 87.4 53.6 80.4#

157 87.4 68.7 103.1





#69

1,3,5-Trichlorobenzene

Concen: 5.931 ug/L

RT: 13.216 min Scan# 3709

Delta R.T. 0.003 min

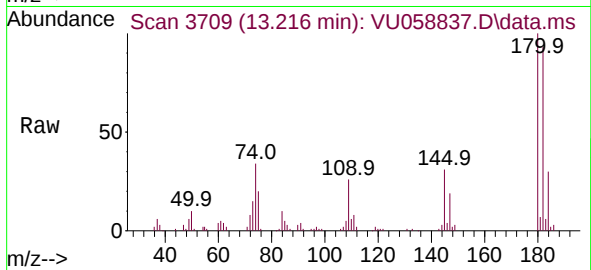
Lab File: VU058837.D

Acq: 07 May 2024 10:06

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:180 Resp: 43999

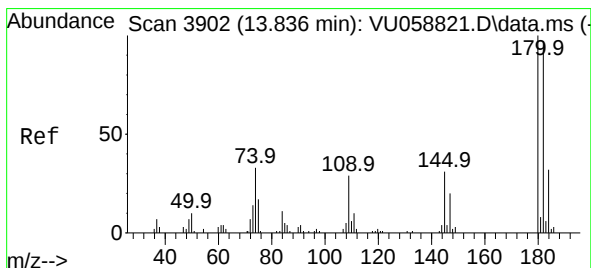
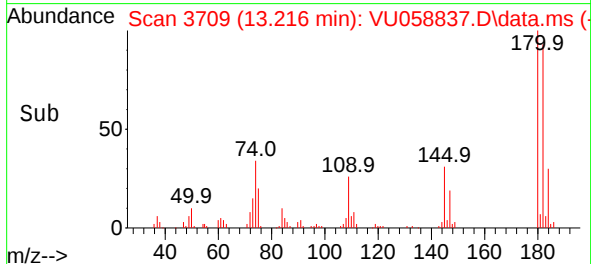
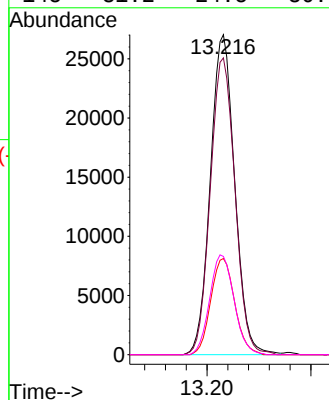
Ion Ratio Lower Upper

180 100

182 93.7 75.9 113.9

184 29.5 24.7 37.1

145 31.2 24.5 36.7



#70

1,2,4-trichlorobenzene

Concen: 5.659 ug/L

RT: 13.836 min Scan# 3902

Delta R.T. -0.000 min

Lab File: VU058837.D

Acq: 07 May 2024 10:06

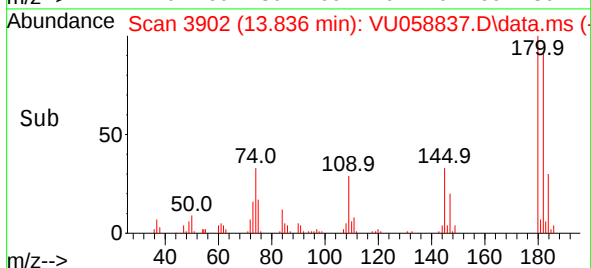
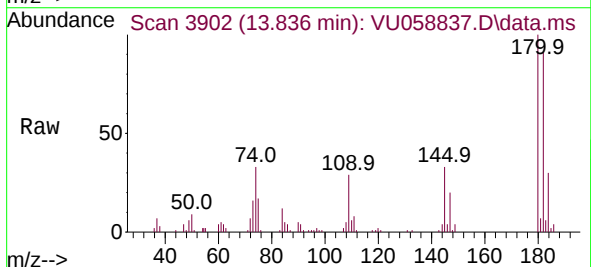
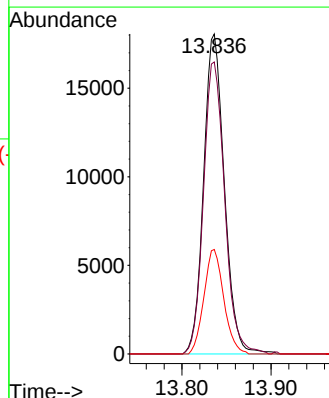
Tgt Ion:180 Resp: 29182

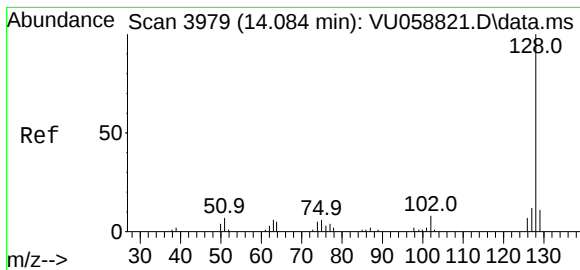
Ion Ratio Lower Upper

180 100

182 93.2 75.9 113.9

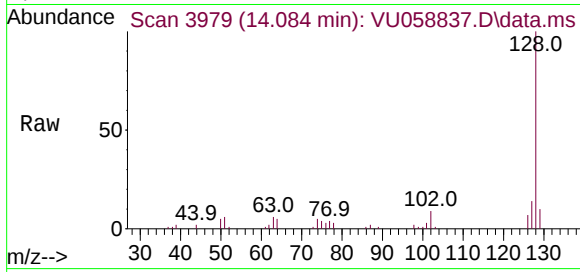
145 31.2 25.7 38.5



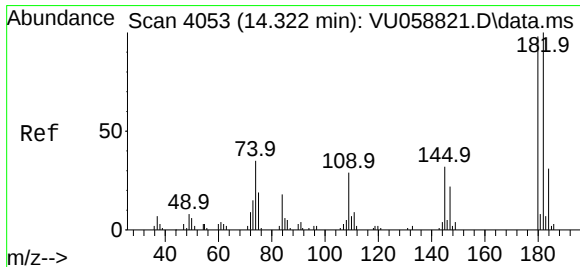
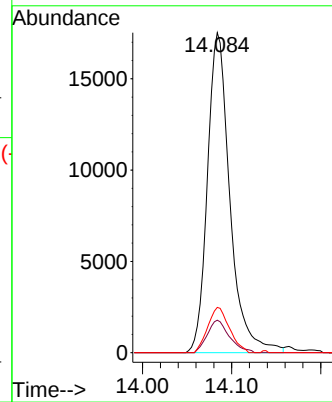
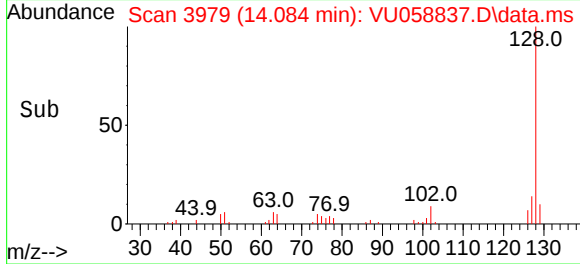


#71
Naphthalene
Concen: 4.931 ug/L
RT: 14.084 min Scan# 3979
Delta R.T. -0.000 min
Lab File: VU058837.D
Acq: 07 May 2024 10:06

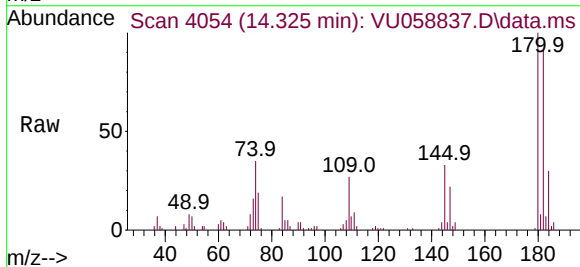
Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:128 Resp: 30764
Ion Ratio Lower Upper
128 100
129 10.0 8.2 12.4
127 13.7 10.8 16.2



#72
1,2,3-Trichlorobenzene
Concen: 5.751 ug/L
RT: 14.325 min Scan# 4054
Delta R.T. 0.003 min
Lab File: VU058837.D
Acq: 07 May 2024 10:06



Tgt Ion:180 Resp: 23505
Ion Ratio Lower Upper
180 100
182 93.6 75.0 112.6
145 33.3 27.6 41.4

