

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070324\
 Data File : VU059837.D
 Acq On : 04 Jul 2024 09:21
 Operator : MD/SY
 Sample : P3109-03MS
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jul 05 01:05:45 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jul 04 04:26:48 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	173741	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	176236	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	93219	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	51232	4.241	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.800%
7) Chloroethane-d5	1.907	69	43744	3.763	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	75.200%
11) 1,1-Dichloroethene-d2	2.560	65	19986	3.988	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	79.800%
20) 2-Butanone-d5	4.628	46	104756	42.095	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	84.200%
24) Chloroform-d	5.055	84	106022	4.276	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.600%
26) 1,2-Dichloroethane-d4	5.695	65	46170	3.865	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	77.400%
32) Benzene-d6	5.721	84	195797	4.037	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.800%
36) 1,2-Dichloropropane-d6	6.685	67	58993	3.969	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	79.400%
41) Toluene-d8	7.891	98	182560	4.049	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.000%
43) trans-1,3-Dichloroprop...	8.174	79	19941	4.285	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.600%
46) 2-Hexanone-d5	8.627	63	88786	45.915	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.820%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	51888	4.225	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	84.600%
66) 1,2-Dichlorobenzene-d4	12.187	152	68131	4.106	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	82.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.380	85	59078	4.013	ug/L	98
3) Chloromethane	1.515	50	72502	4.576	ug/L	100
5) Vinyl chloride	1.599	62	80365	4.592	ug/L	99
6) Bromomethane	1.853	94	41784	3.433	ug/L	91
8) Chloroethane	1.930	64	50909	4.827	ug/L	98
9) Trichlorofluoromethane	2.132	101	97554	4.630	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	58429	4.381	ug/L	92
12) 1,1-Dichloroethene	2.573	96	57807	4.691	ug/L	84
13) Acetone	2.640	43	74037	45.864	ug/L	90
14) Carbon disulfide	2.788	76	177961	4.329	ug/L	100
15) Methyl Acetate	2.952	43	16359	3.840	ug/L #	83
16) Methylene chloride	3.036	84	69490	4.759	ug/L	89
17) Methyl tert-butyl Ether	3.357	73	131014	4.934	ug/L	97
18) trans-1,2-Dichloroethene	3.345	96	60325	4.707	ug/L	91
19) 1,1-Dichloroethane	3.859	63	112779	4.772	ug/L	98
21) 2-Butanone	4.708	43	124972	48.266	ug/L	87
22) cis-1,2-Dichloroethene	4.660	96	68549	4.853	ug/L	96
23) Bromochloromethane	4.965	128	32813	5.096	ug/L	84
25) Chloroform	5.078	83	292255	11.742	ug/L	98

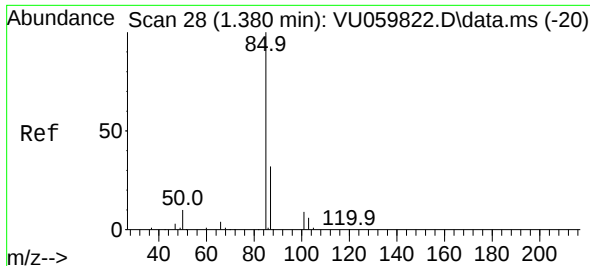
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070324\
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Quant Time: Jul 05 01:05:45 2024
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.788	62	71055	4.711	ug/L	99
29) 1,1,1-Trichloroethane	5.306	97	95081	4.672	ug/L	98
30) Cyclohexane	5.383	56	80028	4.454	ug/L	93
31) Carbon tetrachloride	5.518	117	80944	4.750	ug/L	99
33) Benzene	5.766	78	263792	4.929	ug/L	100
34) Trichloroethene	6.537	95	68066	4.696	ug/L	96
35) Methylcyclohexane	6.756	83	83209	4.035	ug/L	95
37) 1,2-Dichloropropane	6.782	63	68396	4.938	ug/L #	96
38) Bromodichloromethane	7.100	83	84090	4.864	ug/L	94
39) cis-1,3-Dichloropropene	7.602	75	85348	4.506	ug/L	97
40) 4-Methyl-2-pentanone	7.785	43	326249	50.837	ug/L #	94
42) Toluene	7.965	91	283071	4.996	ug/L	100
44) trans-1,3-Dichloropropene	8.206	75	68176	4.485	ug/L	99
45) 1,1,2-Trichloroethane	8.393	97	51781	5.074	ug/L	98
47) Tetrachloroethene	8.547	164	54684	4.862	ug/L	91
48) 2-Hexanone	8.679	43	234494	51.198	ug/L #	92
49) Dibromochloromethane	8.804	129	57519	5.088	ug/L	98
50) 1,2-Dibromoethane	8.920	107	47966	5.089	ug/L	98
51) Chlorobenzene	9.441	112	177755	4.946	ug/L	96
52) Ethylbenzene	9.566	91	283431	4.876	ug/L	96
53) m,p-Xylene	9.688	106	109143	4.889	ug/L	97
54) o-Xylene	10.097	106	106750	5.039	ug/L	93
55) Styrene	10.110	104	184801	5.124	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.775	83	62557	5.053	ug/L	98
59) Bromoform	10.283	173	34171	4.790	ug/L #	98
60) Isopropylbenzene	10.479	105	275044	4.776	ug/L	98
61) 1,2,3-Trichloropropane	10.817	75	42018	4.878	ug/L	94
62) 1,3,5-Trimethylbenzene	11.084	105	210836	4.622	ug/L	98
63) 1,2,4-Trimethylbenzene	11.463	105	212045	4.862	ug/L	97
64) 1,3-Dichlorobenzene	11.740	146	142235	4.856	ug/L	99
65) 1,4-Dichlorobenzene	11.830	146	141633	4.698	ug/L	98
67) 1,2-Dichlorobenzene	12.206	146	134843	4.892	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.991	75	8714	5.186	ug/L	94
69) 1,3,5-Trichlorobenzene	13.212	180	101007	4.659	ug/L	98
70) 1,2,4-trichlorobenzene	13.836	180	80476	4.839	ug/L	98
71) Naphthalene	14.081	128	112514	4.727	ug/L	97
72) 1,2,3-Trichlorobenzene	14.325	180	75688	4.901	ug/L	99

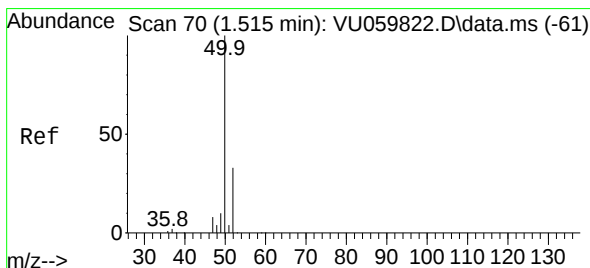
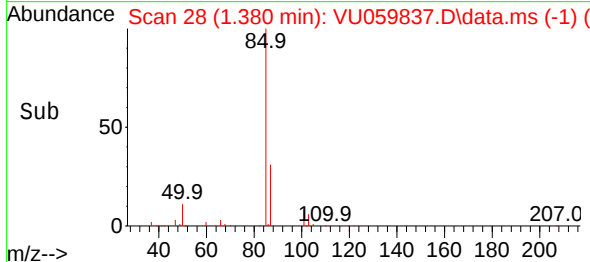
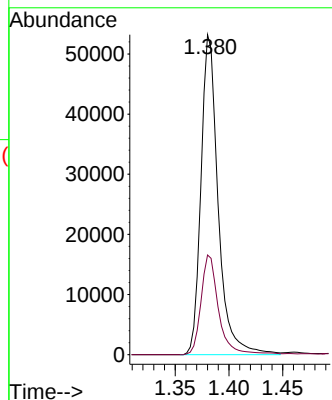
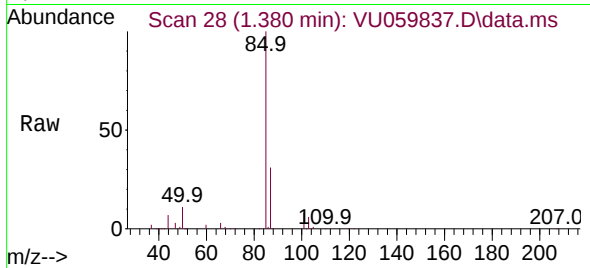
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
Dichlorodifluoromethane
Concen: 4.013 ug/L
RT: 1.380 min Scan# 20
Delta R.T. 0.000 min
Lab File: VU059837.D
Acq: 04 Jul 2024 09:21

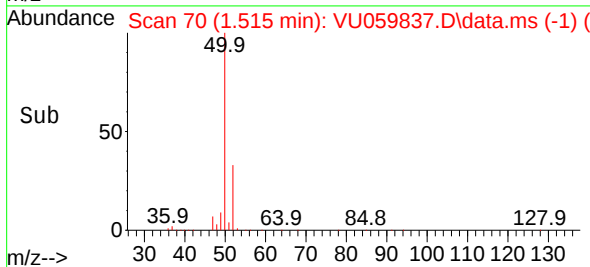
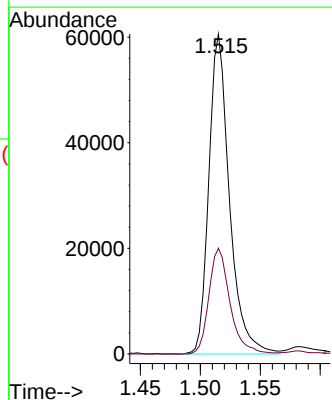
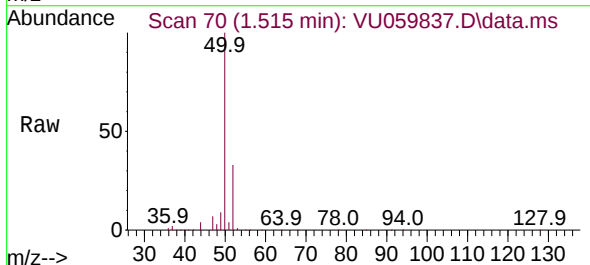
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MSVOA_U
ClientSampleId :

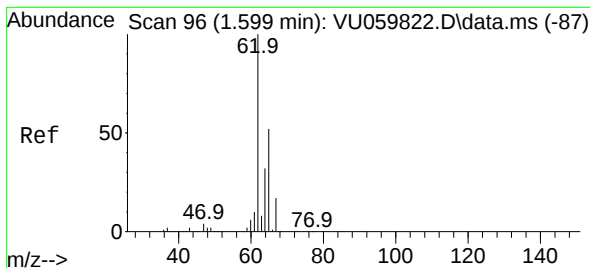
Tgt Ion: 85 Resp: 59078
Ion Ratio Lower Upper
85 100
87 31.9 26.6 40.0



#3
Chloromethane
Concen: 4.576 ug/L
RT: 1.515 min Scan# 70
Delta R.T. 0.000 min
Lab File: VU059837.D
Acq: 04 Jul 2024 09:21

Tgt Ion: 50 Resp: 72502
Ion Ratio Lower Upper
50 100
52 33.1 23.2 43.0





#5

Vinyl chloride

Concen: 4.592 ug/L

RT: 1.599 min Scan# 96

Delta R.T. 0.000 min

Lab File: VU059837.D

Acq: 04 Jul 2024 09:21

Instrument :

MSVOA_U

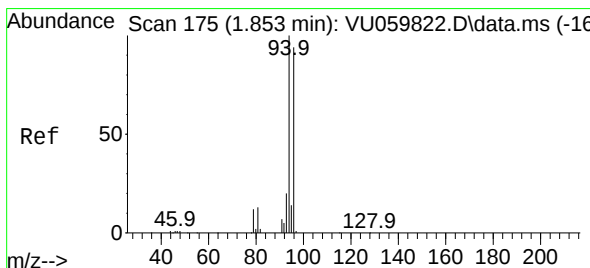
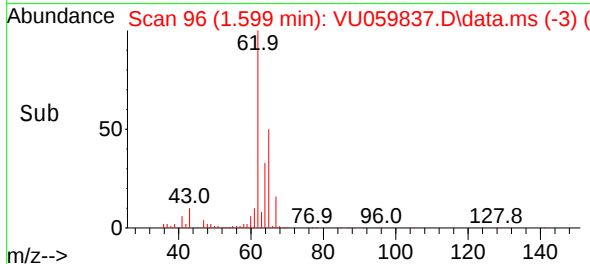
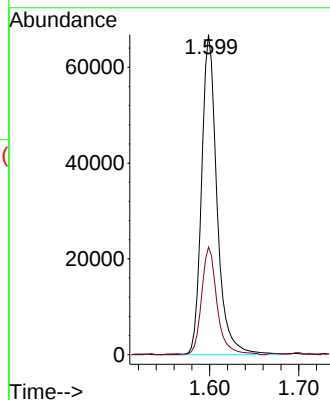
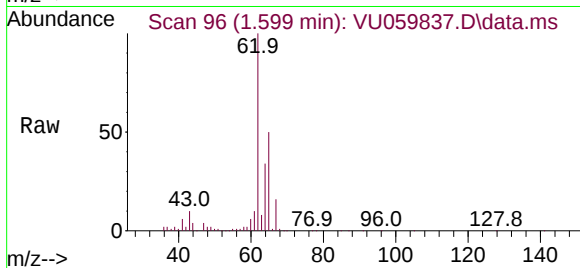
ClientSampleId :

Tgt Ion: 62 Resp: 80365

Ion Ratio Lower Upper

62 100

64 33.6 23.1 42.9



#6

Bromomethane

Concen: 3.433 ug/L

RT: 1.853 min Scan# 175

Delta R.T. 0.000 min

Lab File: VU059837.D

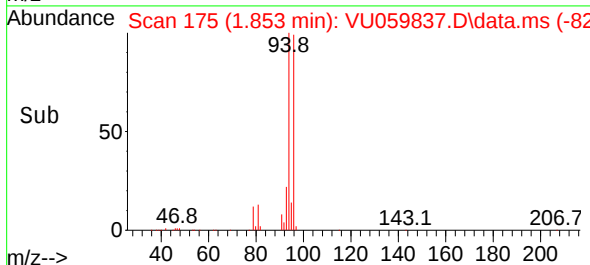
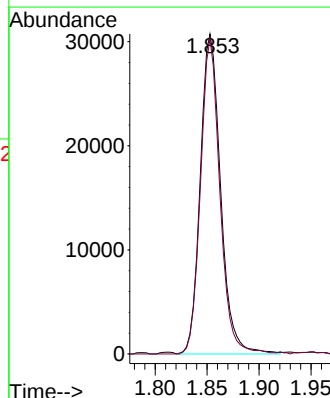
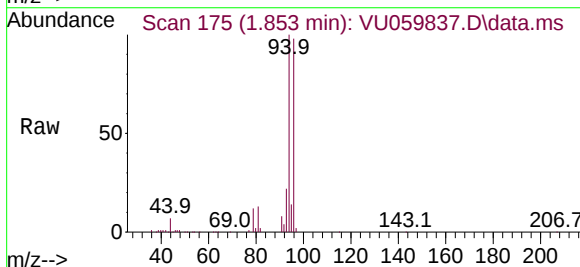
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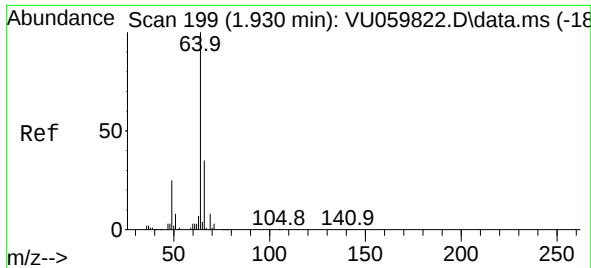
Tgt Ion: 94 Resp: 41784

Ion Ratio Lower Upper

94 100

96 98.4 62.9 116.9

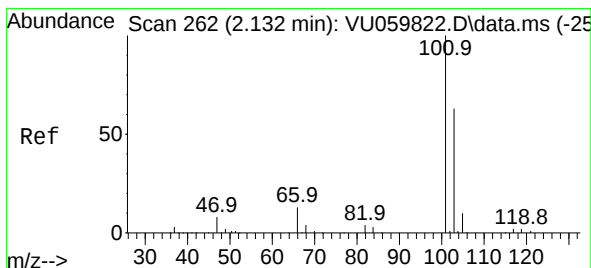
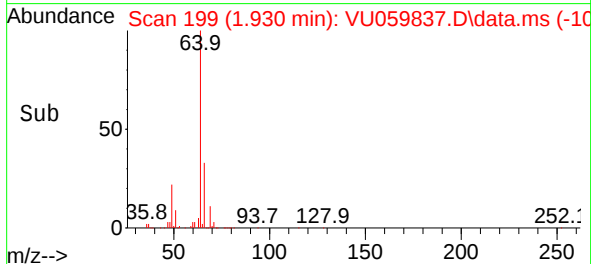
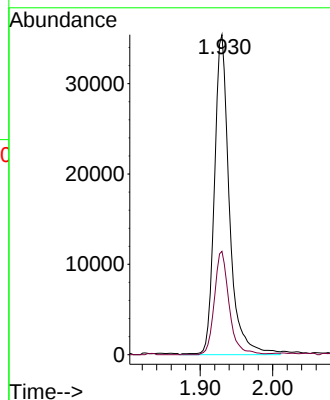
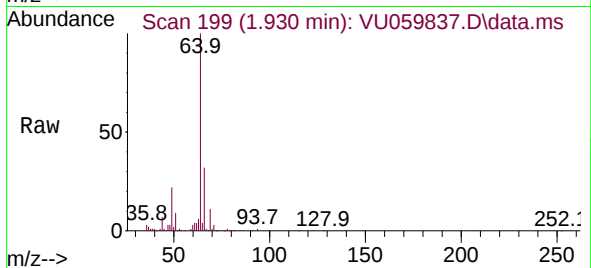




#8
Chloroethane
Concen: 4.827 ug/L
RT: 1.930 min Scan# 199
Delta R.T. 0.000 min
Lab File: VU059837.D
Acq: 04 Jul 2024 09:21

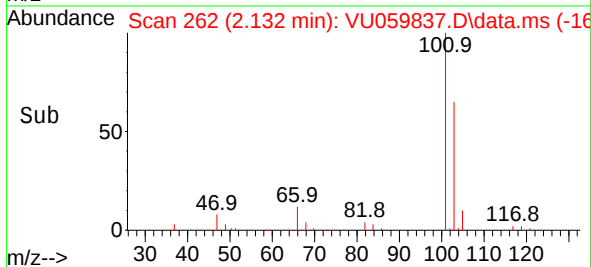
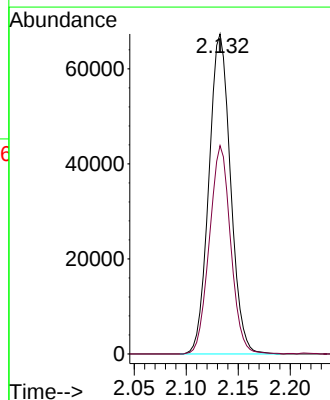
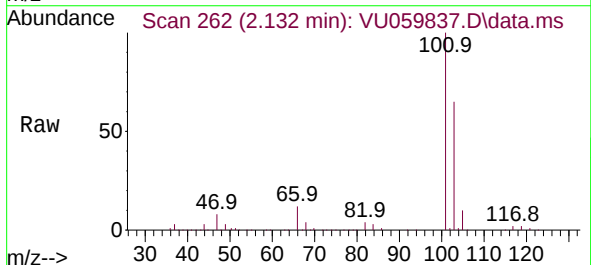
Instrument :
MSVOA_U
ClientSampleId :

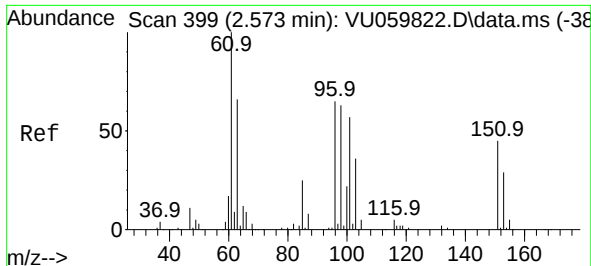
Tgt Ion: 64 Resp: 50909
Ion Ratio Lower Upper
64 100
66 32.3 23.2 43.2



#9
Trichlorofluoromethane
Concen: 4.630 ug/L
RT: 2.132 min Scan# 262
Delta R.T. 0.000 min
Lab File: VU059837.D
Acq: 04 Jul 2024 09:21

Tgt Ion:101 Resp: 97554
Ion Ratio Lower Upper
101 100
103 63.9 52.6 79.0

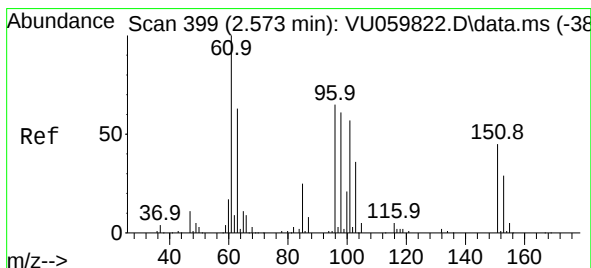
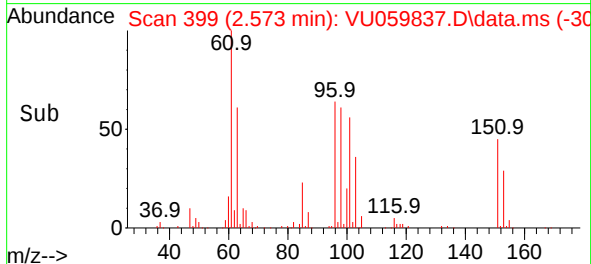
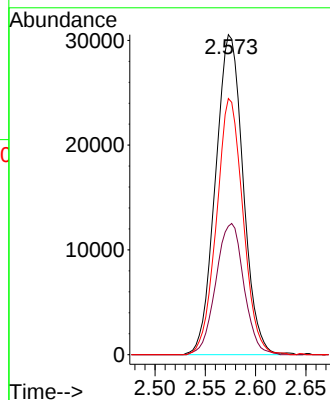
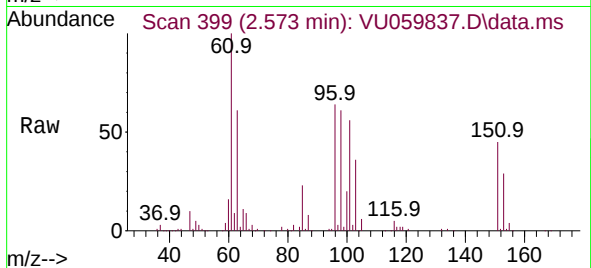




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 4.381 ug/L
 RT: 2.573 min Scan# 399
 Delta R.T. 0.000 min
 Lab File: VU059837.D
 Acq: 04 Jul 2024 09:21

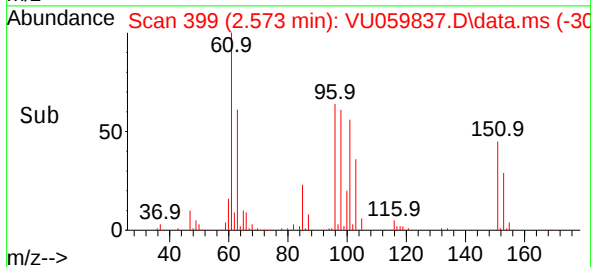
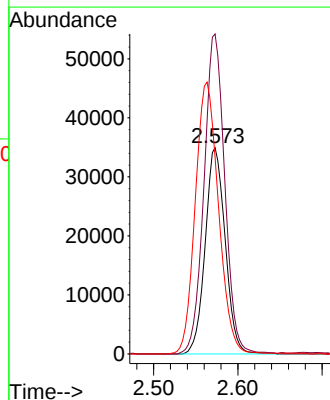
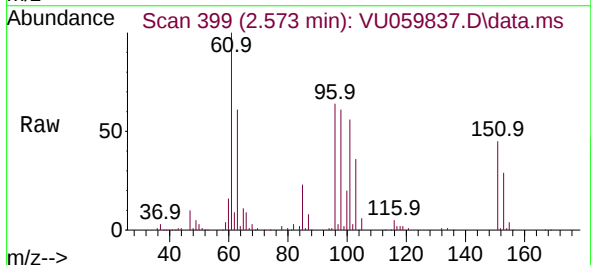
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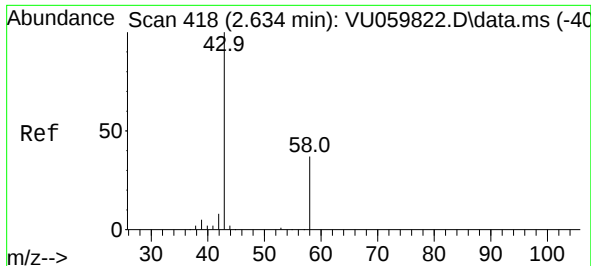
Tgt Ion:101 Resp: 58429
 Ion Ratio Lower Upper
 101 100
 85 41.6 36.2 54.4
 151 76.9 55.5 83.3



#12
 1,1-Dichloroethene
 Concen: 4.691 ug/L
 RT: 2.573 min Scan# 399
 Delta R.T. 0.000 min
 Lab File: VU059837.D
 Acq: 04 Jul 2024 09:21

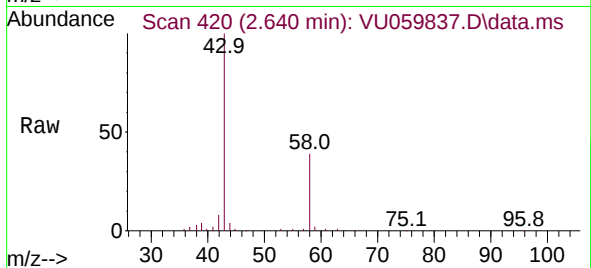
Tgt Ion: 96 Resp: 57807
 Ion Ratio Lower Upper
 96 100
 61 155.2 122.9 228.3
 63 95.4 80.4 149.4



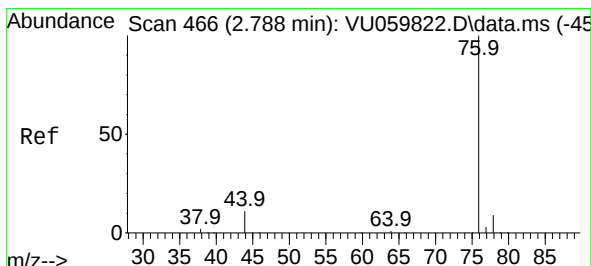
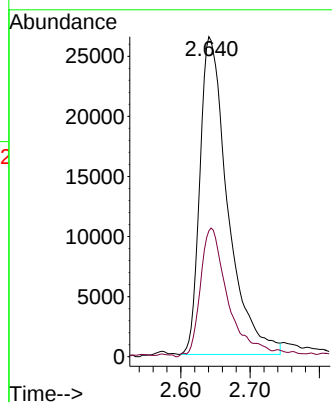
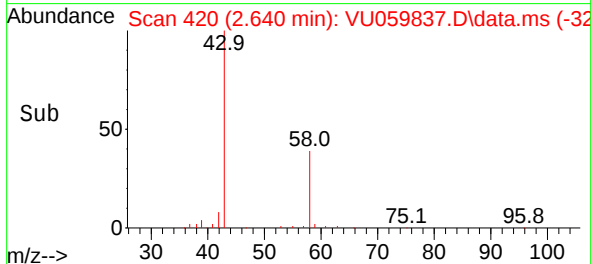


#13
Acetone
Concen: 45.864 ug/L
RT: 2.640 min Scan# 418
Delta R.T. 0.006 min
Lab File: VU059837.D
Acq: 04 Jul 2024 09:21

Instrument :
MSVOA_U
ClientSampleId :

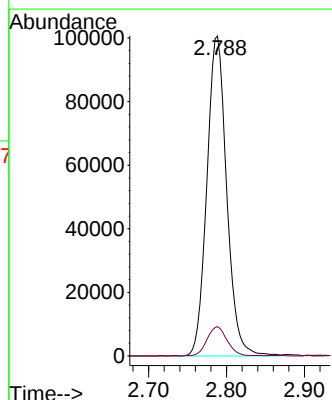
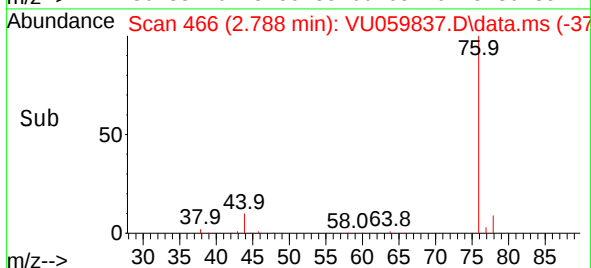
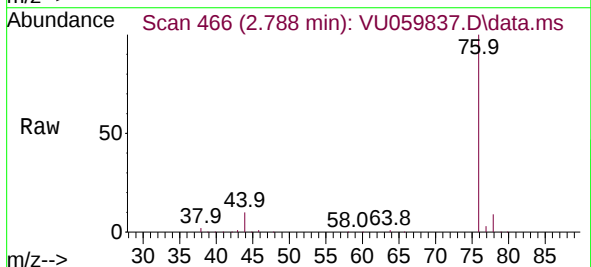


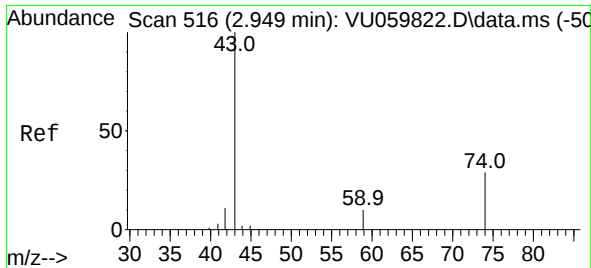
Tgt Ion: 43 Resp: 74037
Ion Ratio Lower Upper
43 100
58 39.9 0.0 68.0



#14
Carbon disulfide
Concen: 4.329 ug/L
RT: 2.788 min Scan# 466
Delta R.T. 0.000 min
Lab File: VU059837.D
Acq: 04 Jul 2024 09:21

Tgt Ion: 76 Resp: 177961
Ion Ratio Lower Upper
76 100
78 9.1 7.3 10.9

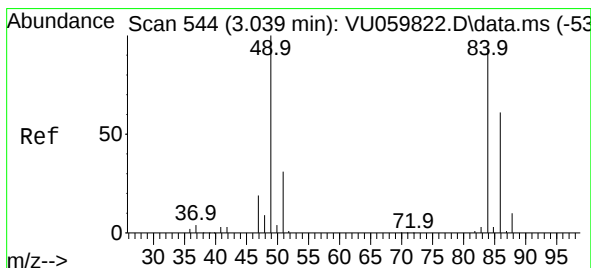
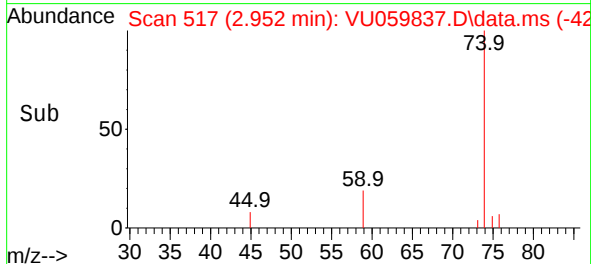
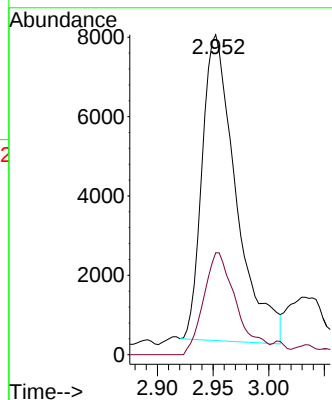
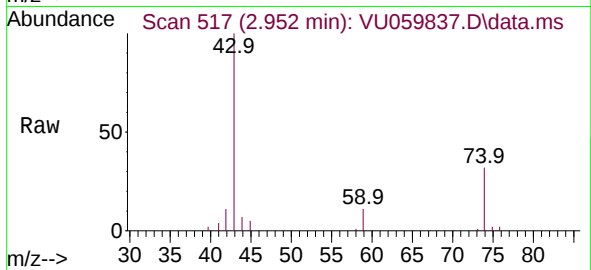




#15
Methyl Acetate
Concen: 3.840 ug/L
RT: 2.952 min Scan# 516
Delta R.T. 0.003 min
Lab File: VU059837.D
Acq: 04 Jul 2024 09:21

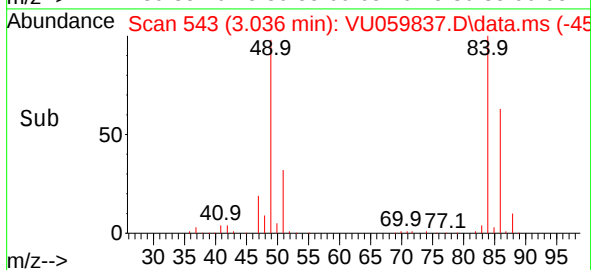
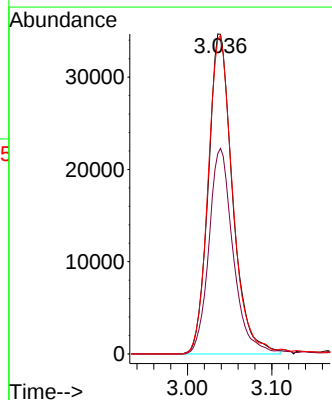
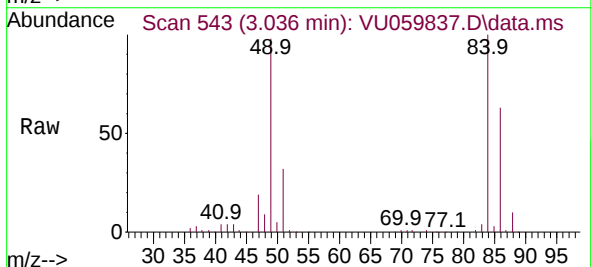
Instrument :
MSVOA_U
ClientSampleId :

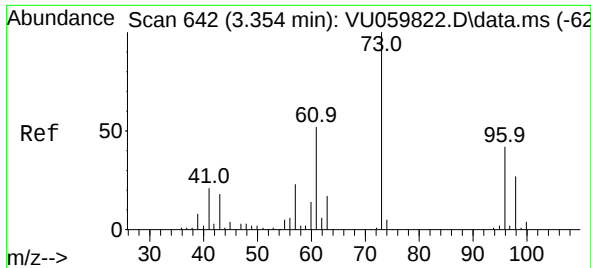
Tgt Ion: 43 Resp: 16359
Ion Ratio Lower Upper
43 100
74 32.2 19.2 28.8#



#16
Methylene chloride
Concen: 4.759 ug/L
RT: 3.036 min Scan# 543
Delta R.T. -0.003 min
Lab File: VU059837.D
Acq: 04 Jul 2024 09:21

Tgt Ion: 84 Resp: 69490
Ion Ratio Lower Upper
84 100
86 62.7 42.1 78.1
49 98.4 80.6 149.8

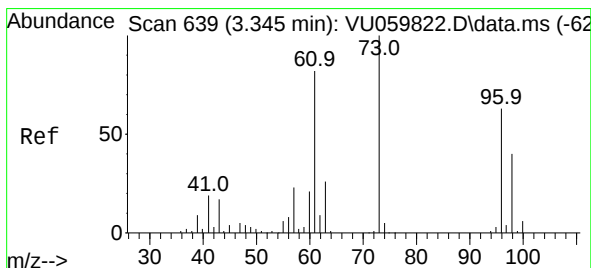
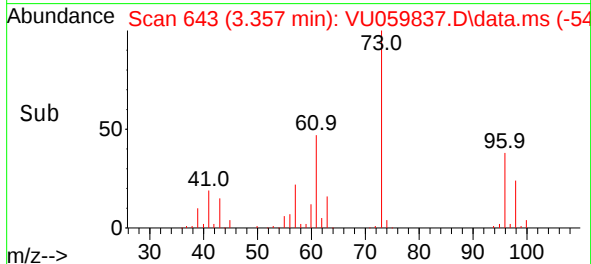
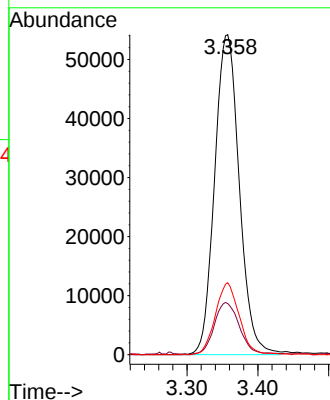
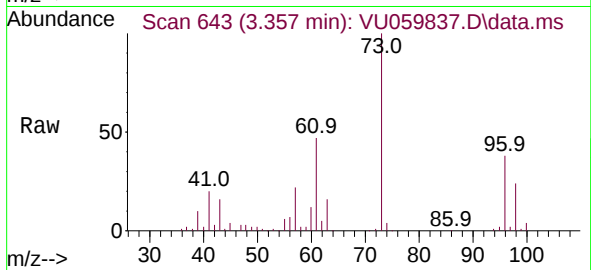




#17
Methyl tert-butyl Ether
Concen: 4.934 ug/L
RT: 3.357 min Scan# 642
Delta R.T. 0.003 min
Lab File: VU059837.D
Acq: 04 Jul 2024 09:21

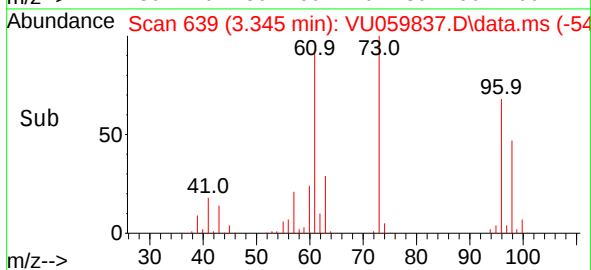
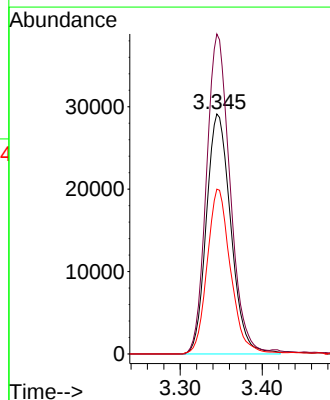
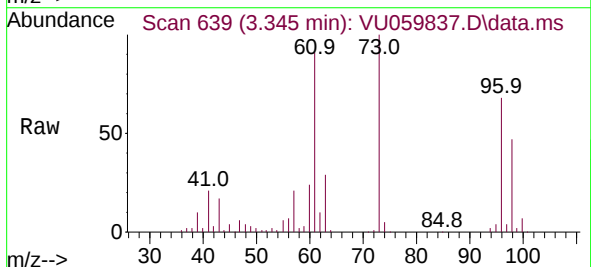
Instrument :
MSVOA_U
ClientSampleId :

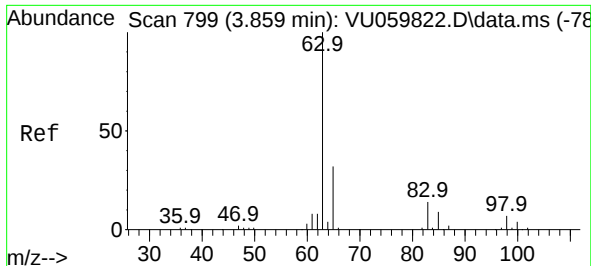
Tgt Ion: 73 Resp: 131014
Ion Ratio Lower Upper
73 100
43 16.6 14.9 22.3
57 21.8 18.0 27.0



#18
trans-1,2-Dichloroethene
Concen: 4.707 ug/L
RT: 3.345 min Scan# 639
Delta R.T. 0.000 min
Lab File: VU059837.D
Acq: 04 Jul 2024 09:21

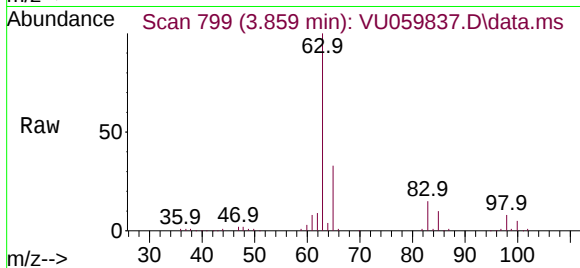
Tgt Ion: 96 Resp: 60325
Ion Ratio Lower Upper
96 100
61 133.4 101.8 189.0
98 68.7 43.3 80.5



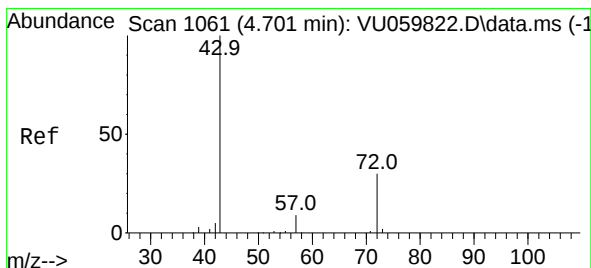
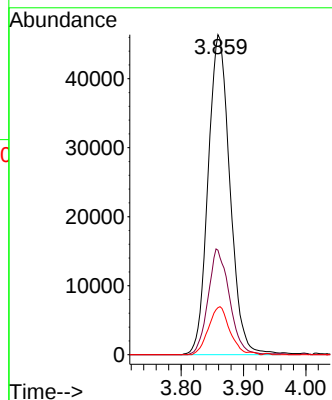
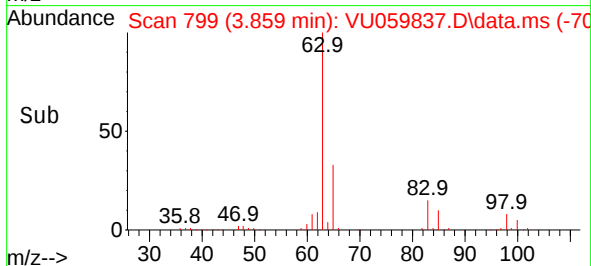


#19
1,1-Dichloroethane
Concen: 4.772 ug/L
RT: 3.859 min Scan# 799
Delta R.T. 0.000 min
Lab File: VU059837.D
Acq: 04 Jul 2024 09:21

Instrument :
MSVOA_U
ClientSampleId :

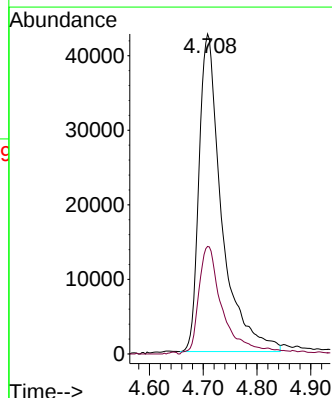
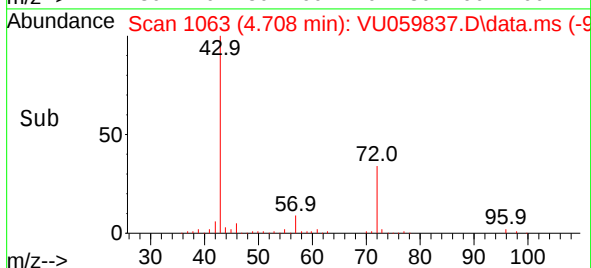
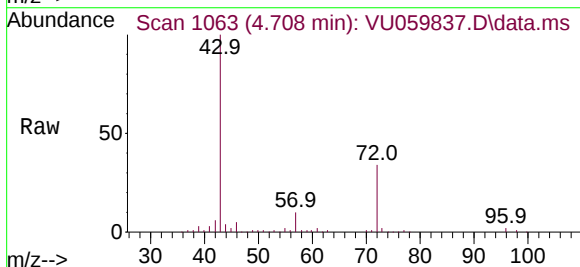


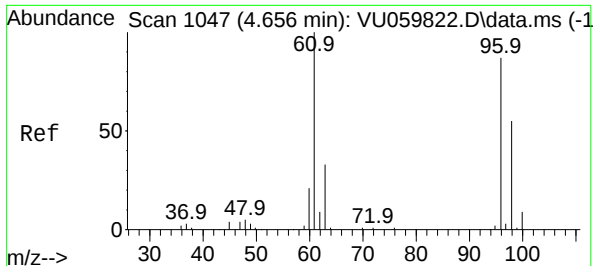
Tgt Ion: 63 Resp: 112779
Ion Ratio Lower Upper
63 100
65 32.6 21.8 40.6
83 14.7 9.9 18.5



#21
2-Butanone
Concen: 48.266 ug/L
RT: 4.708 min Scan# 1063
Delta R.T. 0.006 min
Lab File: VU059837.D
Acq: 04 Jul 2024 09:21

Tgt Ion: 43 Resp: 124972
Ion Ratio Lower Upper
43 100
72 34.6 13.8 41.4





#22

cis-1,2-Dichloroethene

Concen: 4.853 ug/L

RT: 4.660 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU059837.D

Acq: 04 Jul 2024 09:21

Instrument :

MSVOA_U

ClientSampleId :

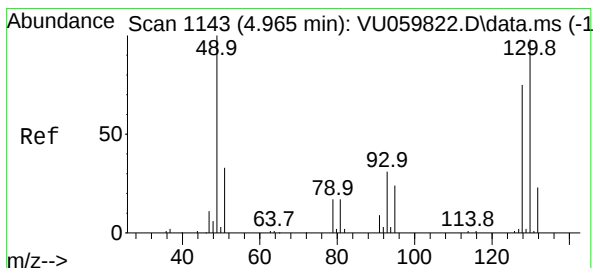
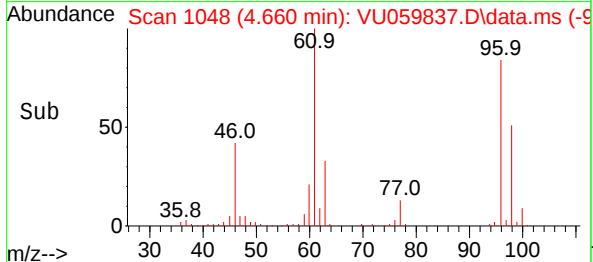
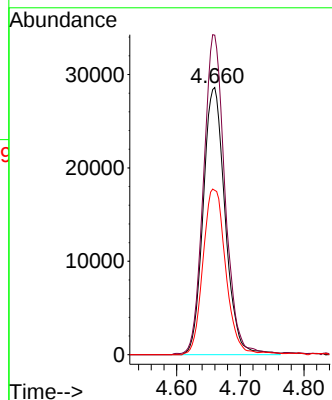
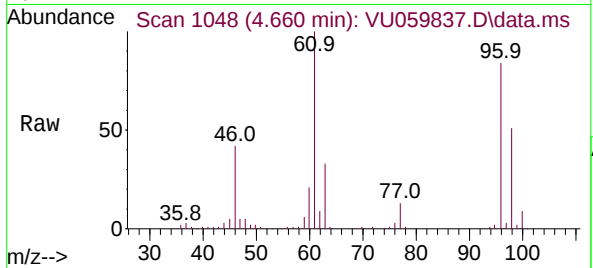
Tgt Ion: 96 Resp: 68549

Ion Ratio Lower Upper

96 100

61 119.6 87.4 162.2

98 61.5 42.3 78.5



#23

Bromochloromethane

Concen: 5.096 ug/L

RT: 4.965 min Scan# 1143

Delta R.T. 0.000 min

Lab File: VU059837.D

Acq: 04 Jul 2024 09:21

Tgt Ion: 128 Resp: 32813

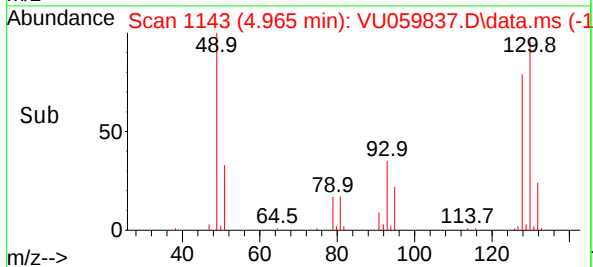
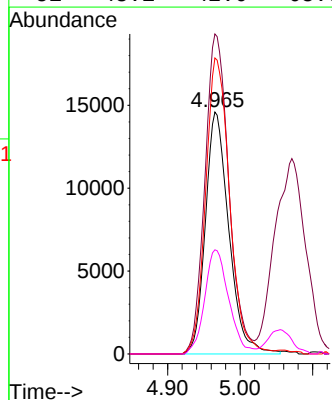
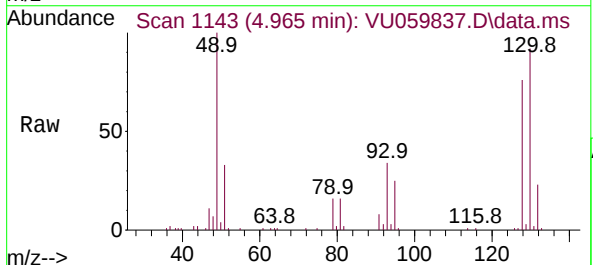
Ion Ratio Lower Upper

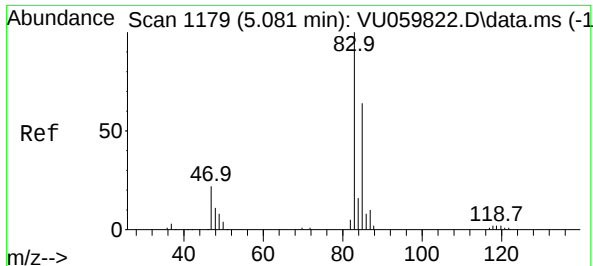
128 100

49 132.3 117.0 217.4

130 122.4 89.6 166.4

51 43.1 42.0 63.0





#25

Chloroform

Concen: 11.742 ug/L

RT: 5.078 min Scan# 1179

Delta R.T. -0.003 min

Lab File: VU059837.D

Acq: 04 Jul 2024 09:21

Instrument :

MSVOA_U

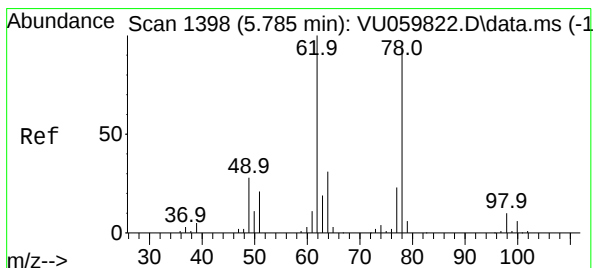
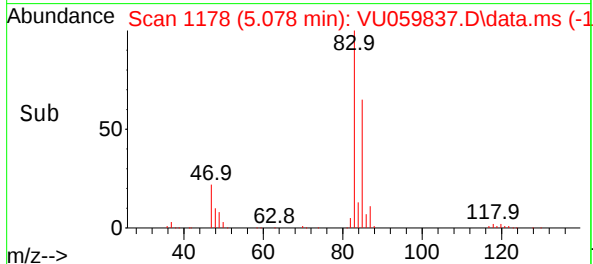
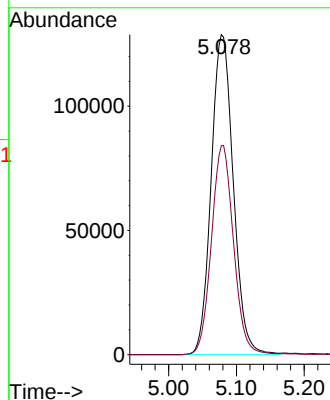
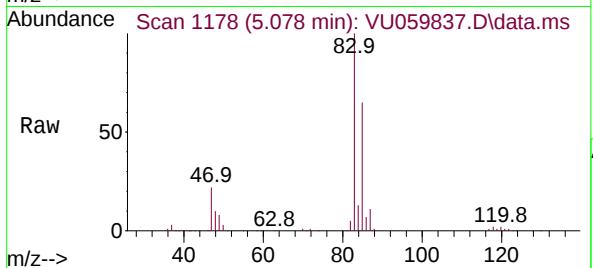
ClientSampleId :

Tgt Ion: 83 Resp: 292255

Ion Ratio Lower Upper

83 100

85 65.3 44.7 83.1



#27

1,2-Dichloroethane

Concen: 4.711 ug/L

RT: 5.788 min Scan# 1399

Delta R.T. 0.003 min

Lab File: VU059837.D

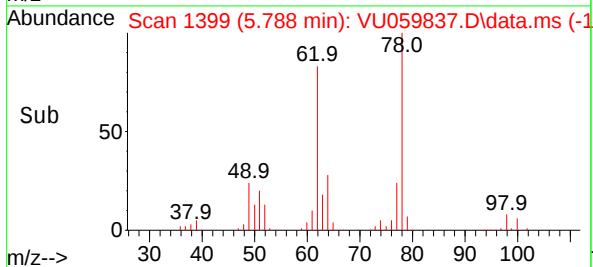
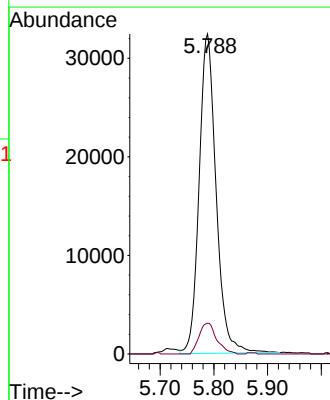
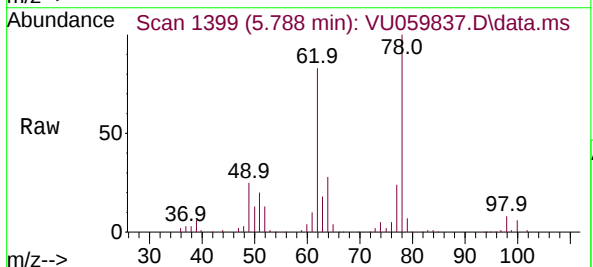
Acq: 04 Jul 2024 09:21

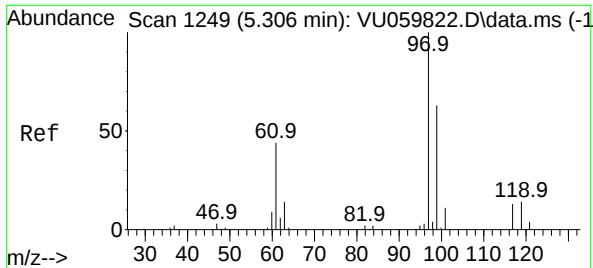
Tgt Ion: 62 Resp: 71055

Ion Ratio Lower Upper

62 100

98 9.6 7.5 11.3

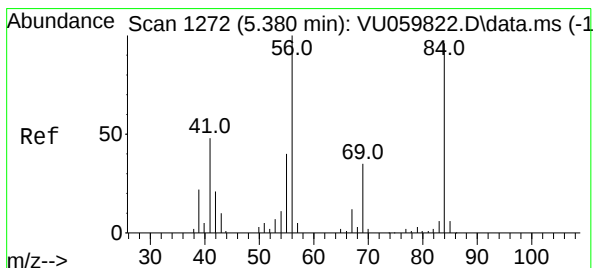
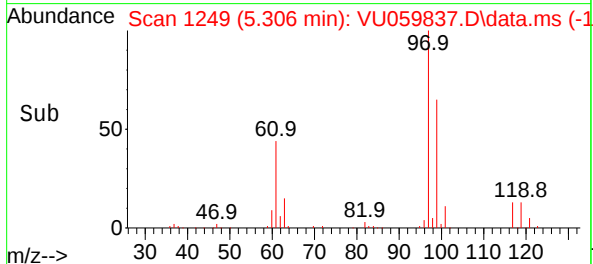
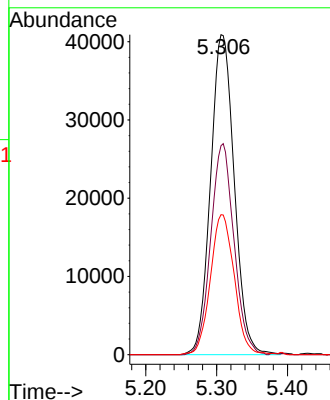
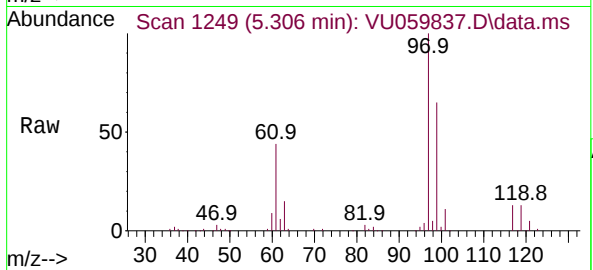




#29
1,1,1-Trichloroethane
Concen: 4.672 ug/L
RT: 5.306 min Scan# 1249
Delta R.T. 0.000 min
Lab File: VU059837.D
Acq: 04 Jul 2024 09:21

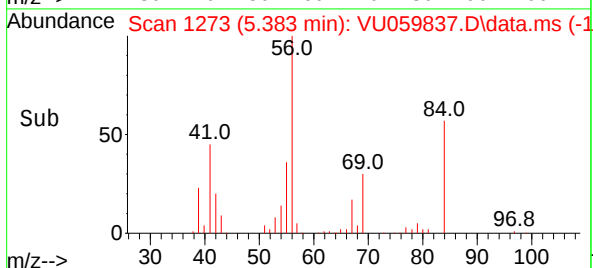
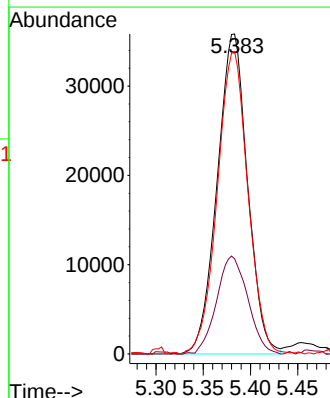
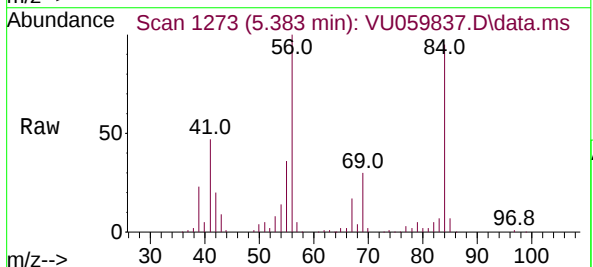
Instrument :
MSVOA_U
ClientSampleId :

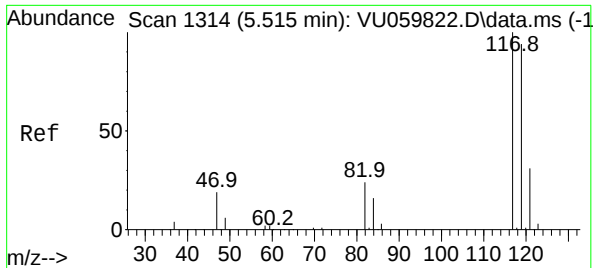
Tgt Ion:	97	Resp:	95081
Ion	Ratio	Lower	Upper
97	100		
99	64.7	51.8	77.6
61	44.1	37.4	56.2



#30
Cyclohexane
Concen: 4.454 ug/L
RT: 5.383 min Scan# 1273
Delta R.T. 0.003 min
Lab File: VU059837.D
Acq: 04 Jul 2024 09:21

Tgt Ion:	56	Resp:	80028
Ion	Ratio	Lower	Upper
56	100		
69	31.4	24.8	37.2
84	95.3	69.8	104.8

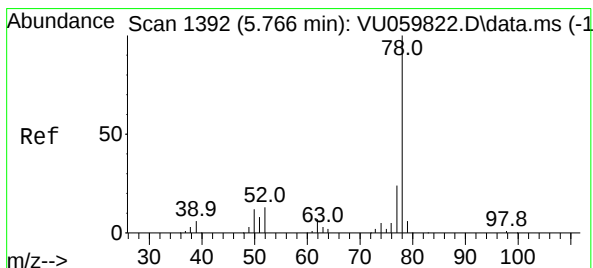
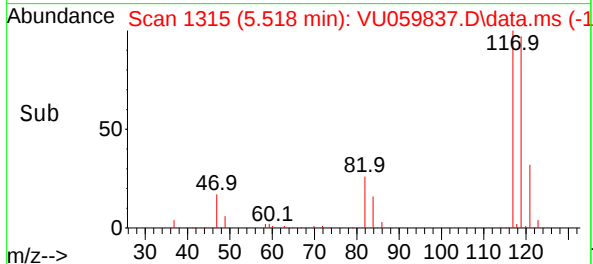
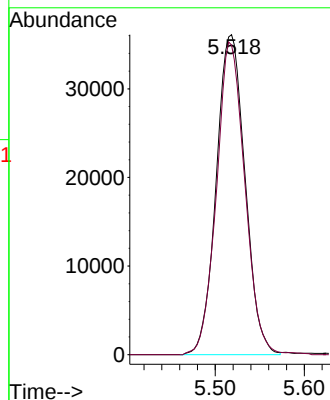
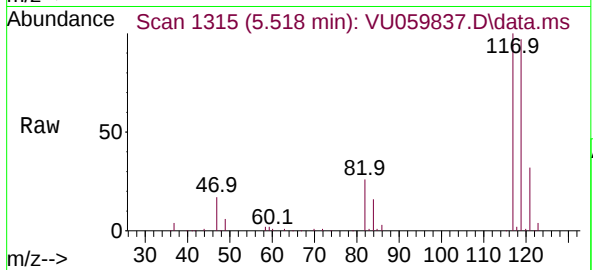




#31
Carbon tetrachloride
Concen: 4.750 ug/L
RT: 5.518 min Scan# 1314
Delta R.T. 0.003 min
Lab File: VU059837.D
Acq: 04 Jul 2024 09:21

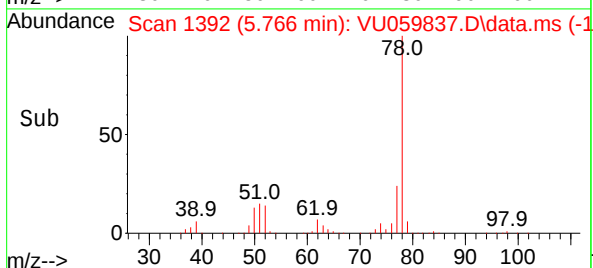
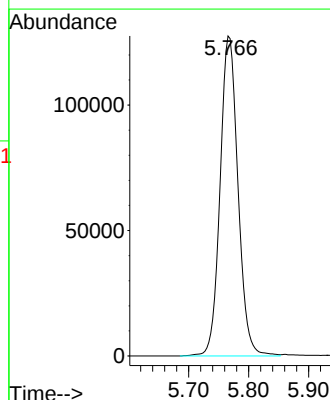
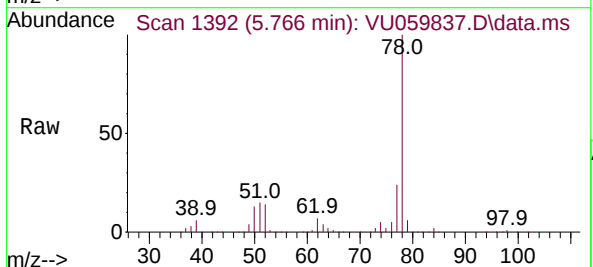
Instrument :
MSVOA_U
ClientSampleId :

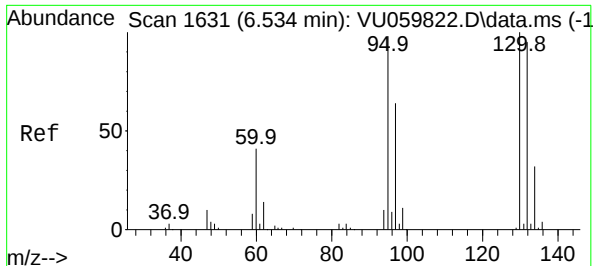
Tgt Ion:117 Resp: 80944
Ion Ratio Lower Upper
117 100
119 96.0 77.5 116.3



#33
Benzene
Concen: 4.929 ug/L
RT: 5.766 min Scan# 1392
Delta R.T. 0.000 min
Lab File: VU059837.D
Acq: 04 Jul 2024 09:21

Tgt Ion: 78 Resp: 263792





#34

Trichloroethene

Concen: 4.696 ug/L

RT: 6.537 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU059837.D

Acq: 04 Jul 2024 09:21

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 95 Resp: 68066

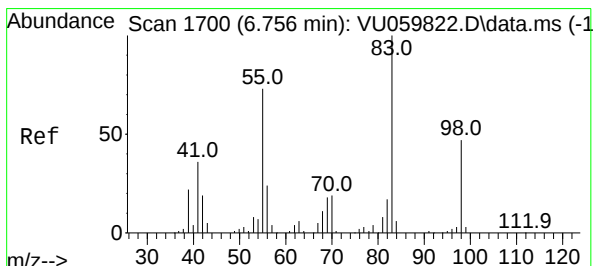
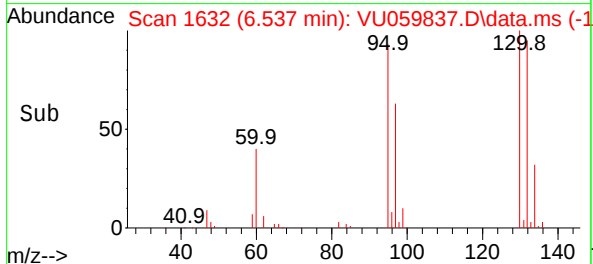
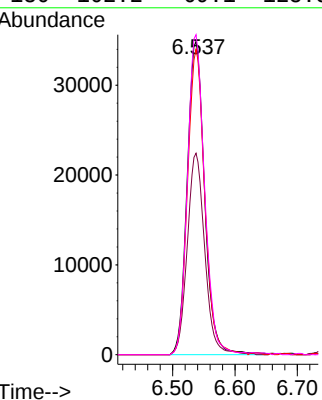
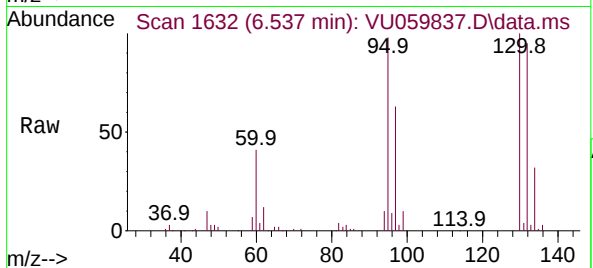
Ion Ratio Lower Upper

95 100

97 64.3 45.3 84.1

132 97.5 64.0 119.0

130 102.2 69.1 128.3



#35

Methylcyclohexane

Concen: 4.035 ug/L

RT: 6.756 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VU059837.D

Acq: 04 Jul 2024 09:21

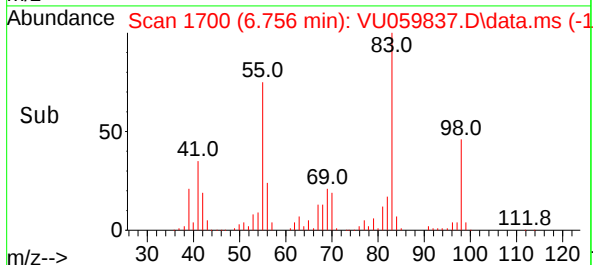
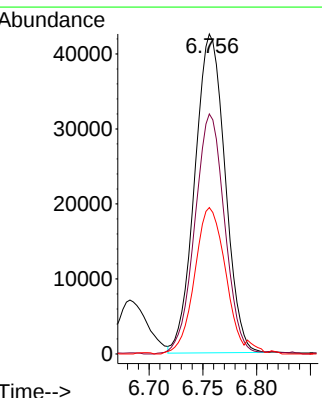
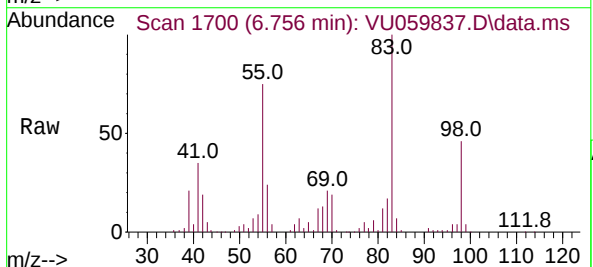
Tgt Ion: 83 Resp: 83209

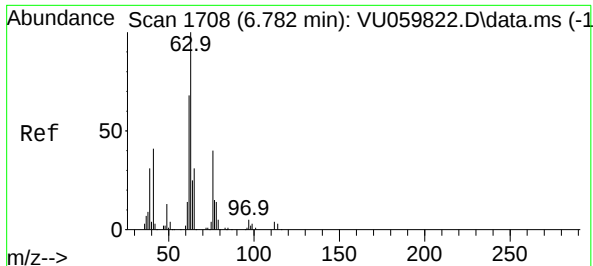
Ion Ratio Lower Upper

83 100

55 74.4 62.7 94.1

98 47.7 35.4 53.0

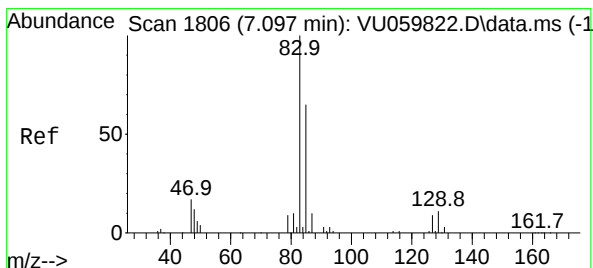
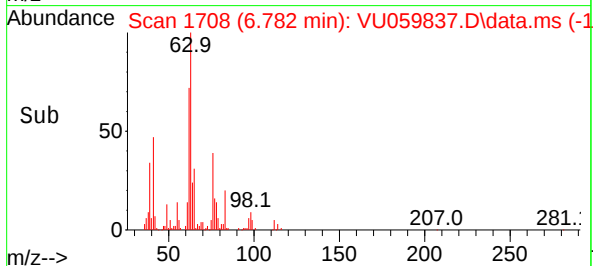
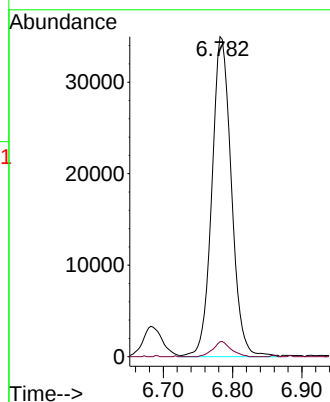
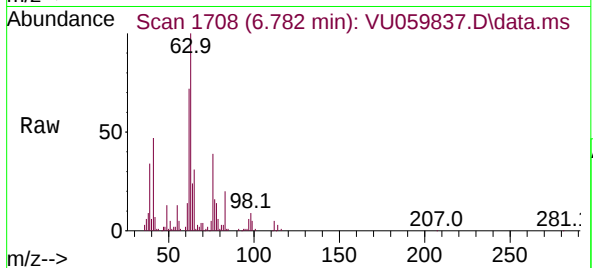




#37
1,2-Dichloropropane
Concen: 4.938 ug/L
RT: 6.782 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU059837.D
Acq: 04 Jul 2024 09:21

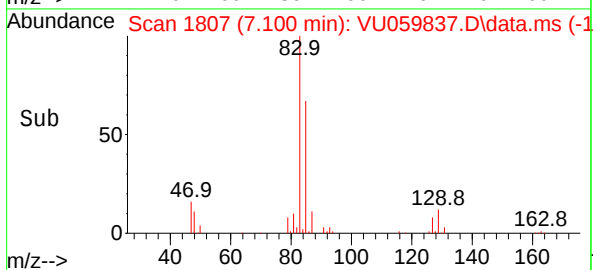
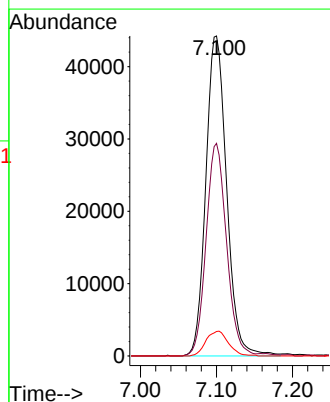
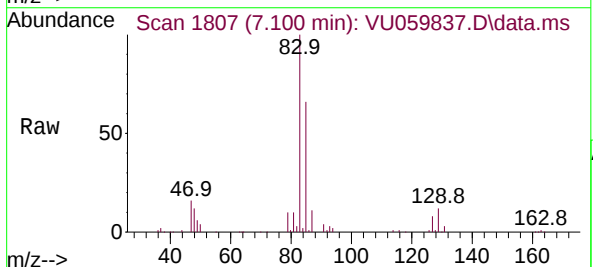
Instrument :
MSVOA_U
ClientSampleId :

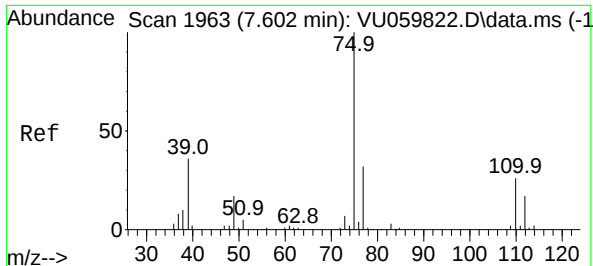
Tgt Ion: 63 Resp: 68396
Ion Ratio Lower Upper
63 100
112 4.4 2.6 3.8#



#38
Bromodichloromethane
Concen: 4.864 ug/L
RT: 7.100 min Scan# 1807
Delta R.T. 0.003 min
Lab File: VU059837.D
Acq: 04 Jul 2024 09:21

Tgt Ion: 83 Resp: 84090
Ion Ratio Lower Upper
83 100
85 66.5 42.7 79.3
127 7.6 6.1 9.1

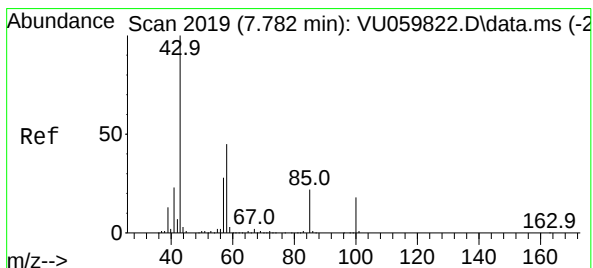
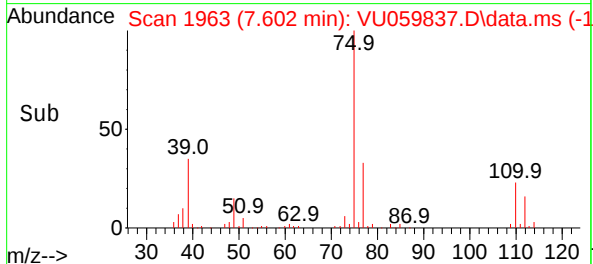
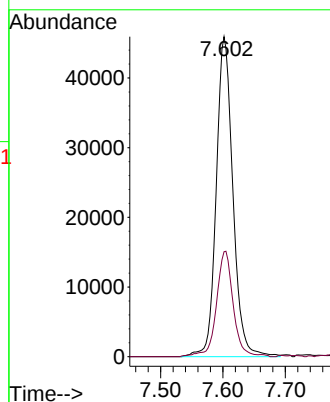
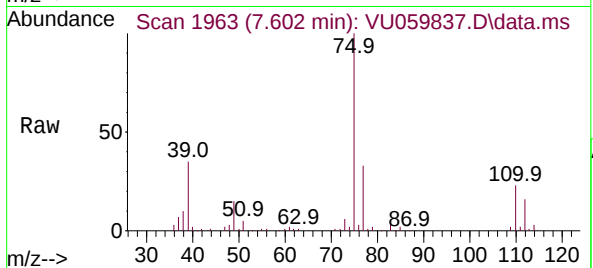




#39
cis-1,3-Dichloropropene
Concen: 4.506 ug/L
RT: 7.602 min Scan# 1963
Delta R.T. 0.000 min
Lab File: VU059837.D
Acq: 04 Jul 2024 09:21

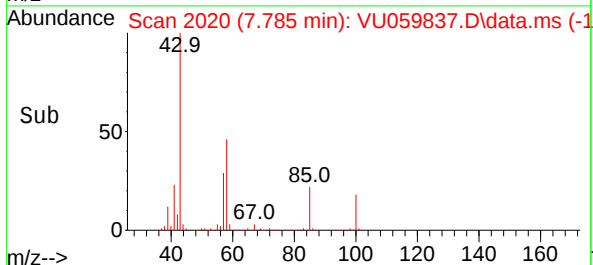
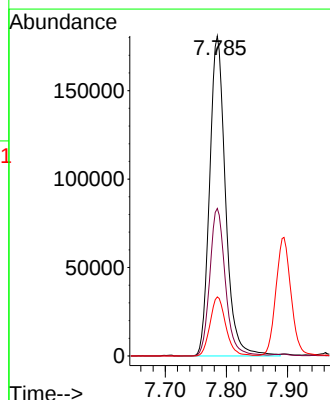
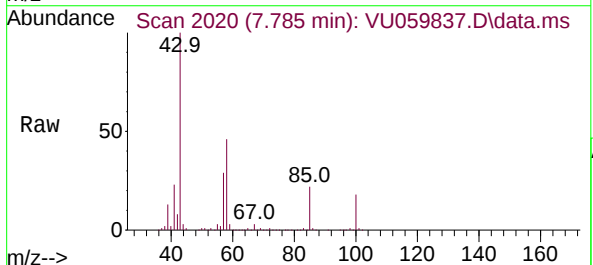
Instrument :
MSVOA_U
ClientSampleId :

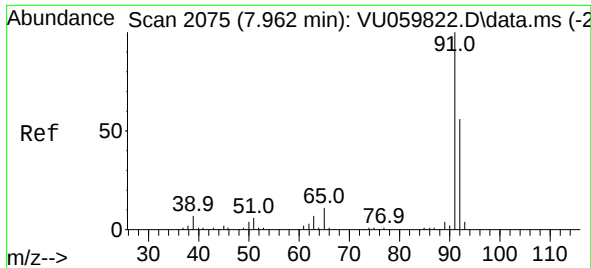
Tgt Ion: 75 Resp: 85348
Ion Ratio Lower Upper
75 100
77 32.8 22.0 40.8



#40
4-Methyl-2-pentanone
Concen: 50.837 ug/L
RT: 7.785 min Scan# 2020
Delta R.T. 0.003 min
Lab File: VU059837.D
Acq: 04 Jul 2024 09:21

Tgt Ion: 43 Resp: 326249
Ion Ratio Lower Upper
43 100
58 45.5 34.0 51.0
100 18.4 12.1 18.1#





#42

Toluene

Concen: 4.996 ug/L

RT: 7.965 min Scan# 2075

Delta R.T. 0.003 min

Lab File: VU059837.D

Acq: 04 Jul 2024 09:21

Instrument :

MSVOA_U

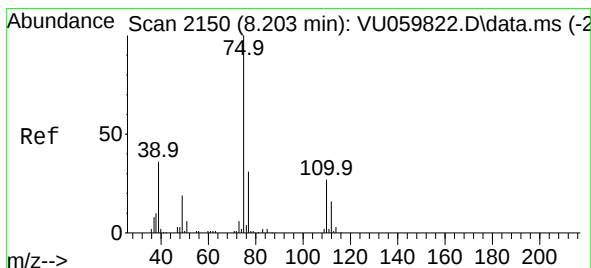
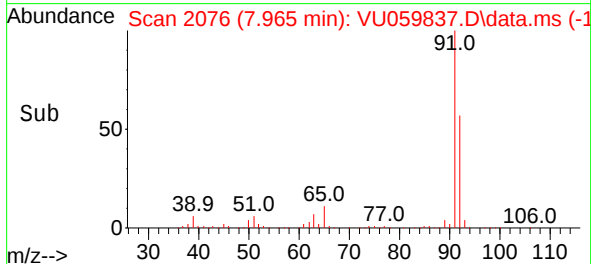
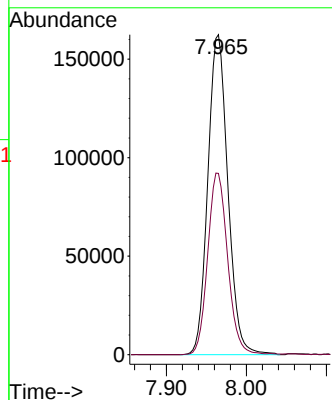
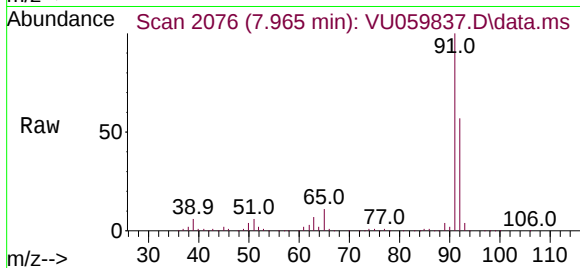
ClientSampleId :

Tgt Ion: 91 Resp: 283071

Ion Ratio Lower Upper

91 100

92 56.6 39.7 73.7



#44

trans-1,3-Dichloropropene

Concen: 4.485 ug/L

RT: 8.206 min Scan# 2151

Delta R.T. 0.003 min

Lab File: VU059837.D

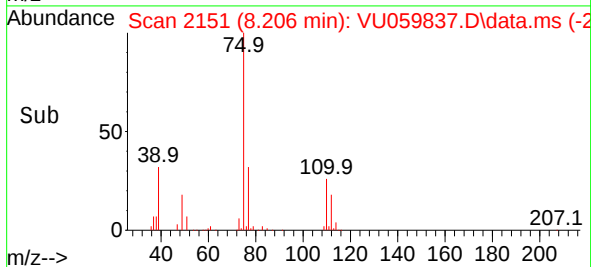
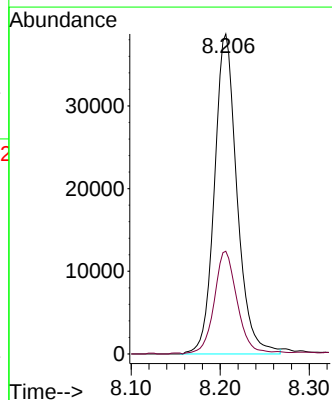
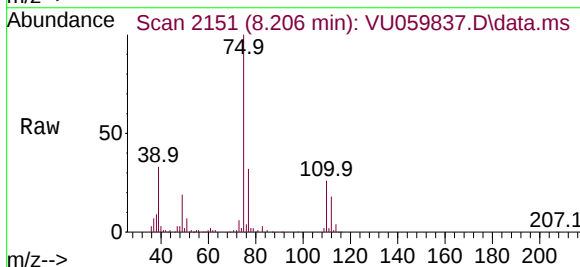
Acq: 04 Jul 2024 09:21

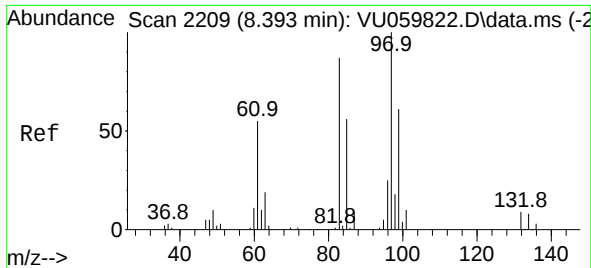
Tgt Ion: 75 Resp: 68176

Ion Ratio Lower Upper

75 100

77 32.1 22.0 41.0

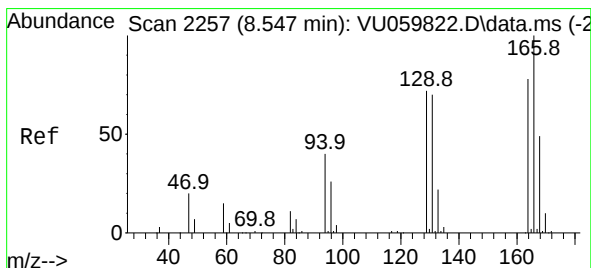
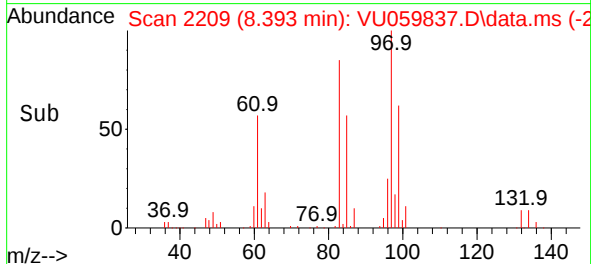
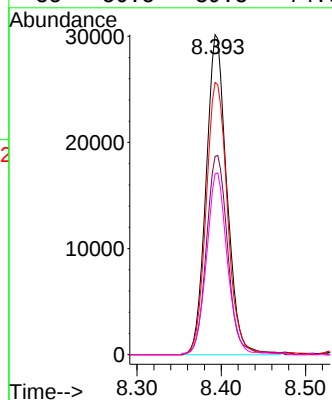
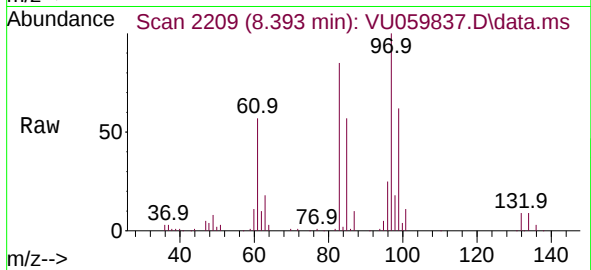




#45
1,1,2-Trichloroethane
Concen: 5.074 ug/L
RT: 8.393 min Scan# 2209
Delta R.T. 0.000 min
Lab File: VU059837.D
Acq: 04 Jul 2024 09:21

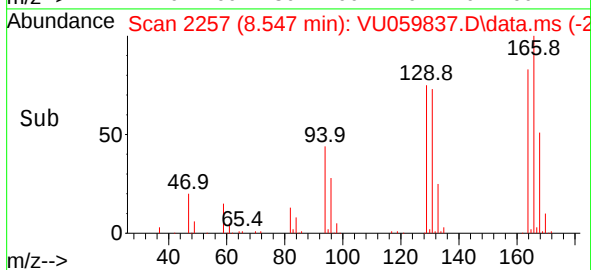
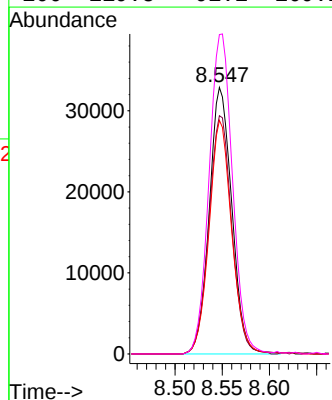
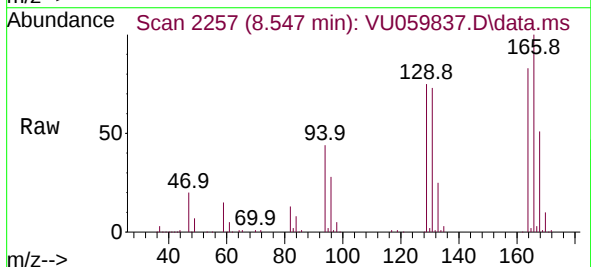
Instrument :
MSVOA_U
ClientSampleId :

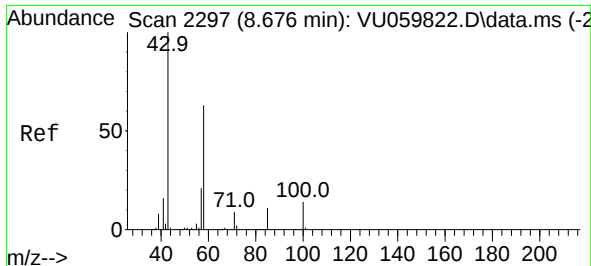
Tgt Ion:	97	Resp:	51781
Ion	Ratio	Lower	Upper
97	100		
99	62.0	43.3	80.3
83	85.1	62.3	115.7
85	56.5	39.8	74.0



#47
Tetrachloroethene
Concen: 4.862 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. 0.000 min
Lab File: VU059837.D
Acq: 04 Jul 2024 09:21

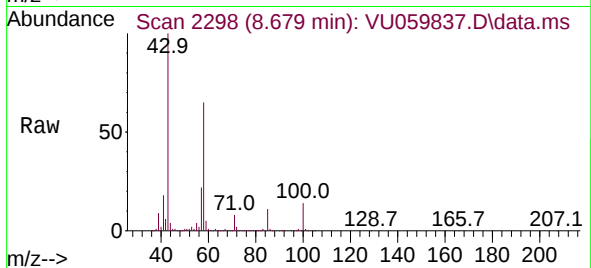
Tgt Ion:	164	Resp:	54684
Ion	Ratio	Lower	Upper
164	100		
129	89.3	70.8	131.4
131	87.6	64.8	120.3
166	119.8	91.1	169.1



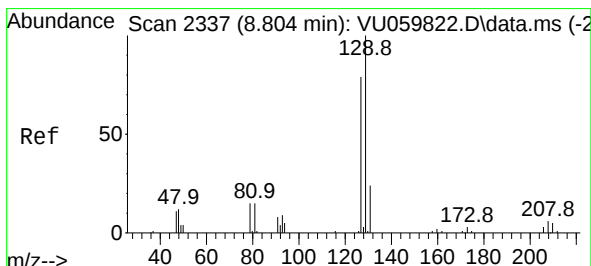
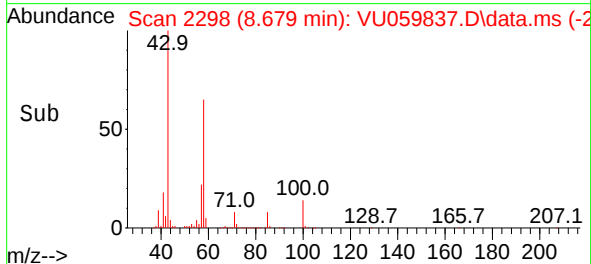
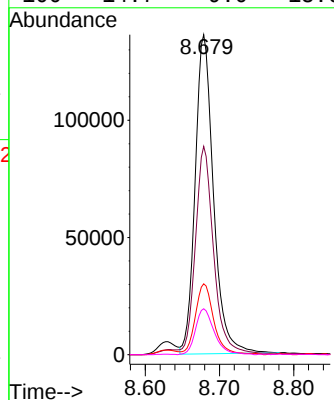


#48
2-Hexanone
Concen: 51.198 ug/L
RT: 8.679 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU059837.D
Acq: 04 Jul 2024 09:21

Instrument :
MSVOA_U
ClientSampleId :

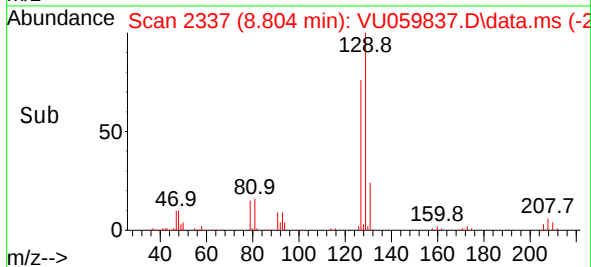
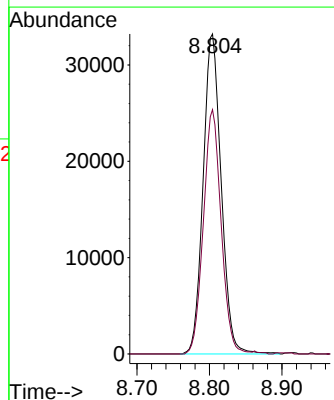
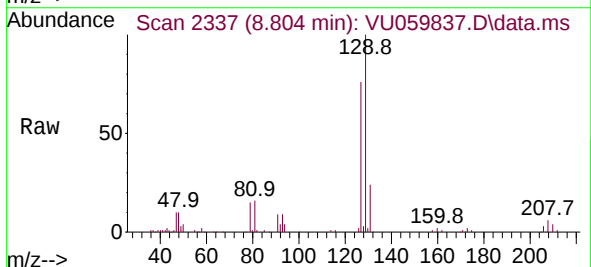


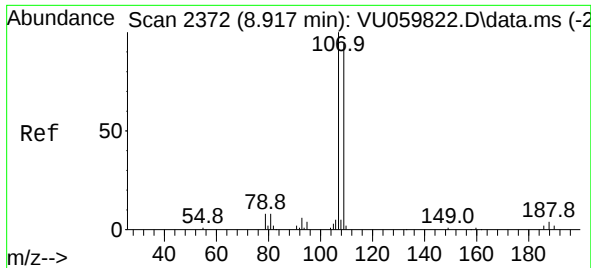
Tgt Ion: 43 Resp: 234494
Ion Ratio Lower Upper
43 100
58 63.8 46.1 69.1
57 22.5 15.5 23.3
100 14.7 9.0 13.6#



#49
Dibromochloromethane
Concen: 5.088 ug/L
RT: 8.804 min Scan# 2337
Delta R.T. 0.000 min
Lab File: VU059837.D
Acq: 04 Jul 2024 09:21

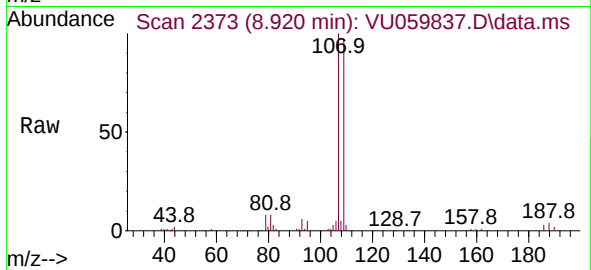
Tgt Ion: 129 Resp: 57519
Ion Ratio Lower Upper
129 100
127 76.3 52.5 97.5



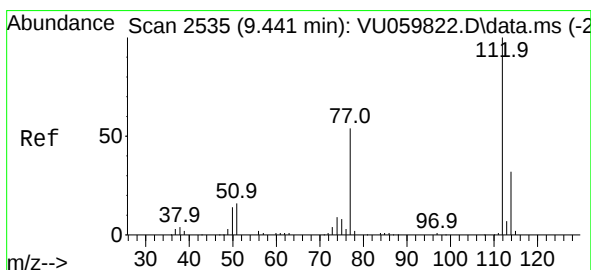
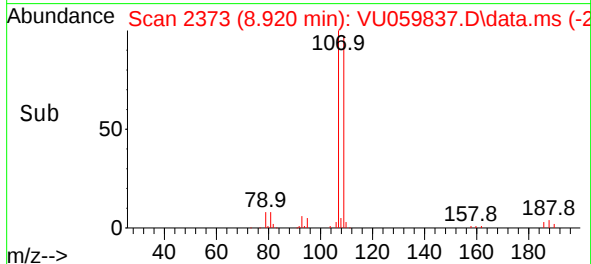
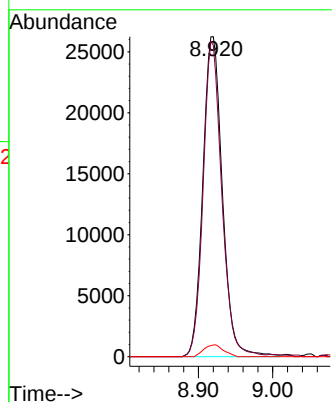


#50
1,2-Dibromoethane
Concen: 5.089 ug/L
RT: 8.920 min Scan# 24
Delta R.T. 0.003 min
Lab File: VU059837.D
Acq: 04 Jul 2024 09:21

Instrument :
MSVOA_U
ClientSampleId :

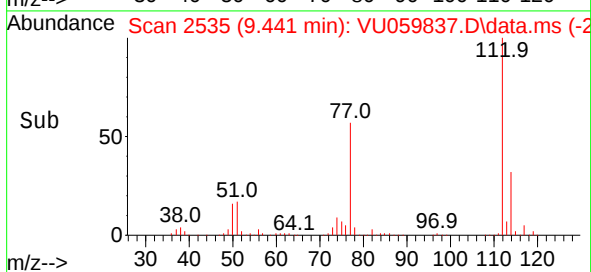
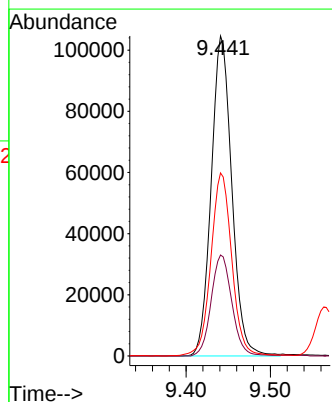
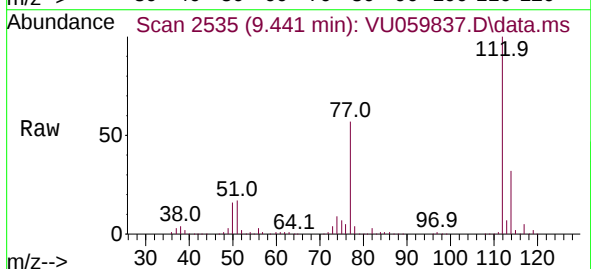


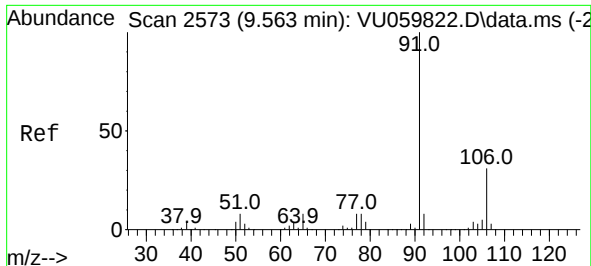
Tgt Ion:107 Resp: 47966
Ion Ratio Lower Upper
107 100
109 97.3 66.9 124.3
188 3.6 2.7 4.1



#51
Chlorobenzene
Concen: 4.946 ug/L
RT: 9.441 min Scan# 2535
Delta R.T. 0.000 min
Lab File: VU059837.D
Acq: 04 Jul 2024 09:21

Tgt Ion:112 Resp: 177755
Ion Ratio Lower Upper
112 100
114 31.6 22.4 41.6
77 57.2 49.1 73.7

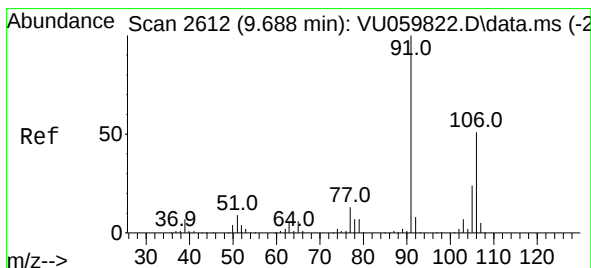
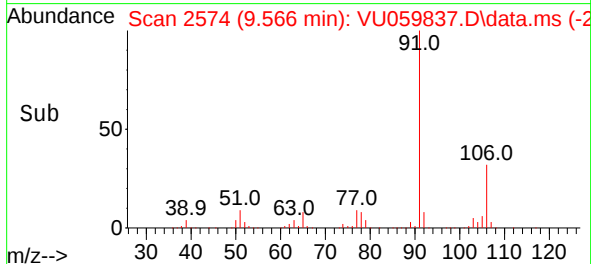
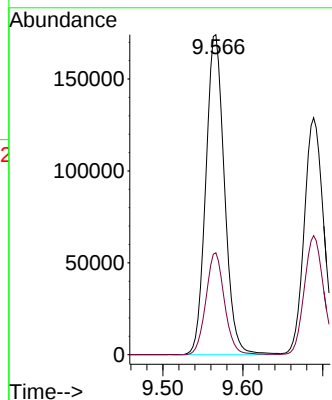
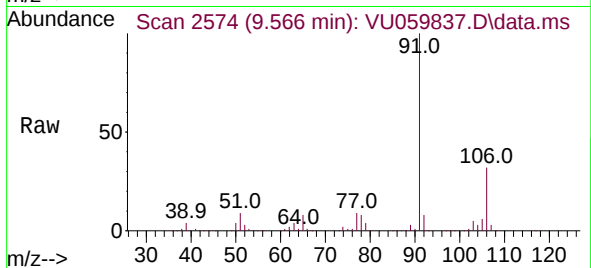




#52
Ethylbenzene
Concen: 4.876 ug/L
RT: 9.566 min Scan# 2574
Delta R.T. 0.003 min
Lab File: VU059837.D
Acq: 04 Jul 2024 09:21

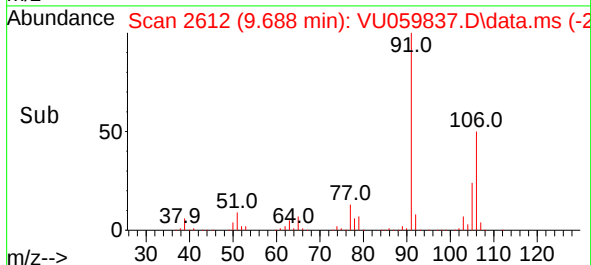
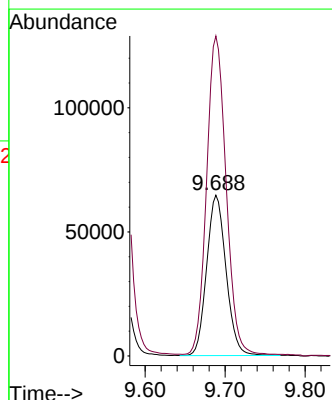
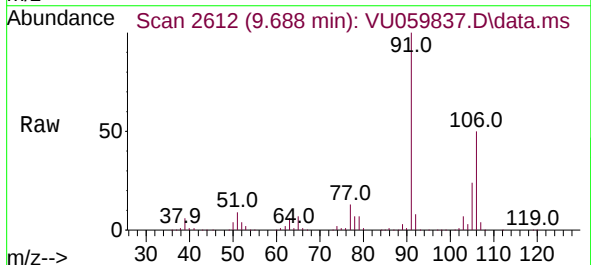
Instrument :
MSVOA_U
ClientSampleId :

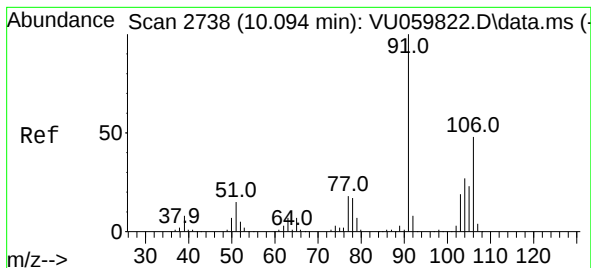
Tgt Ion: 91 Resp: 283431
Ion Ratio Lower Upper
91 100
106 31.8 20.9 38.7



#53
m,p-Xylene
Concen: 4.889 ug/L
RT: 9.688 min Scan# 2612
Delta R.T. 0.000 min
Lab File: VU059837.D
Acq: 04 Jul 2024 09:21

Tgt Ion: 106 Resp: 109143
Ion Ratio Lower Upper
106 100
91 199.1 142.0 263.8





#54

o-Xylene

Concen: 5.039 ug/L

RT: 10.097 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU059837.D

Acq: 04 Jul 2024 09:21

Instrument :

MSVOA_U

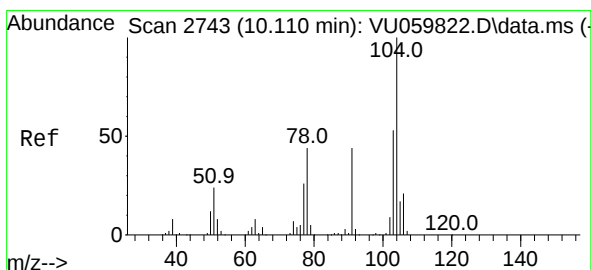
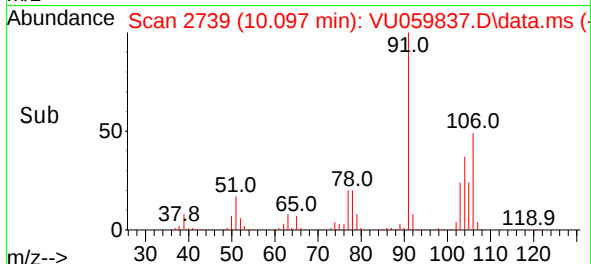
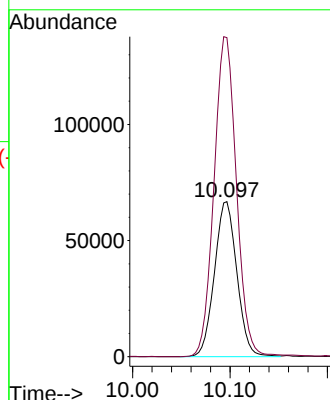
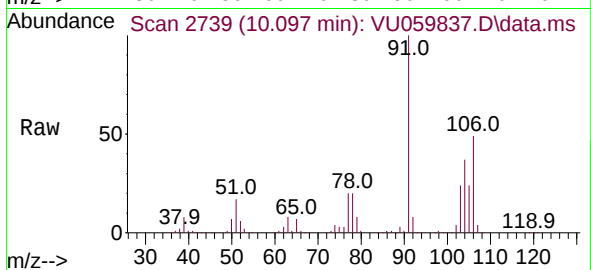
ClientSampleId :

Tgt Ion:106 Resp: 106750

Ion Ratio Lower Upper

106 100

91 205.8 151.6 281.6



#55

Styrene

Concen: 5.124 ug/L

RT: 10.110 min Scan# 2743

Delta R.T. 0.000 min

Lab File: VU059837.D

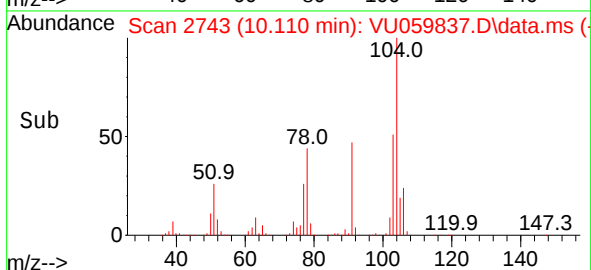
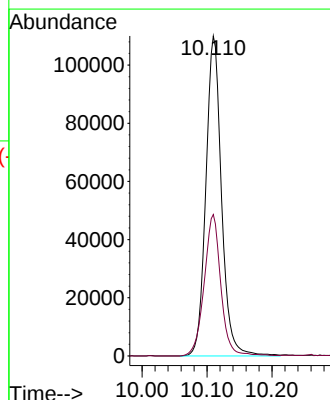
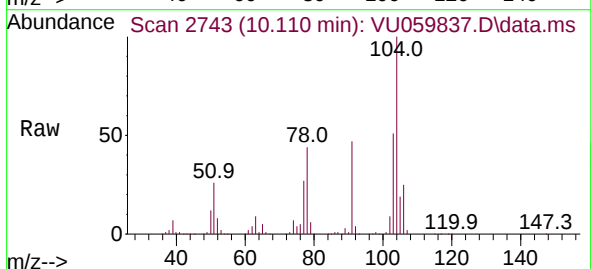
Acq: 04 Jul 2024 09:21

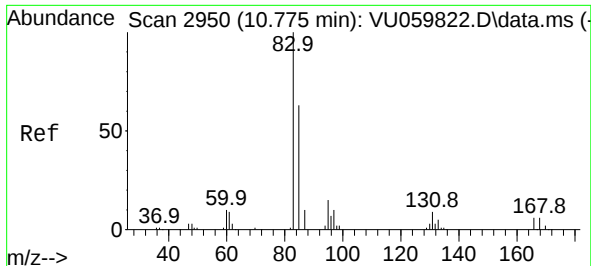
Tgt Ion:104 Resp: 184801

Ion Ratio Lower Upper

104 100

78 44.2 32.3 60.1





#57

1,1,2,2-Tetrachloroethane

Concen: 5.053 ug/L

RT: 10.775 min Scan# 2950

Delta R.T. 0.000 min

Lab File: VU059837.D

Acq: 04 Jul 2024 09:21

Instrument :

MSVOA_U

ClientSampleId :

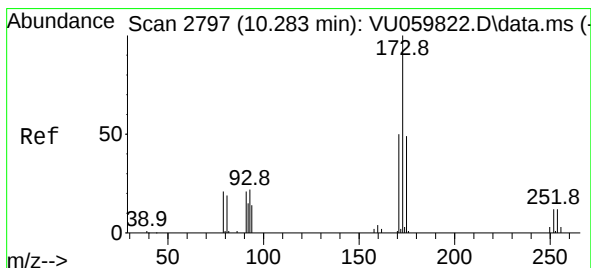
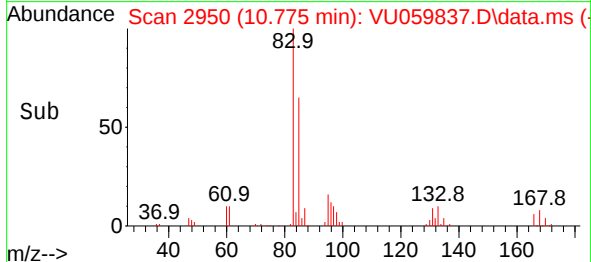
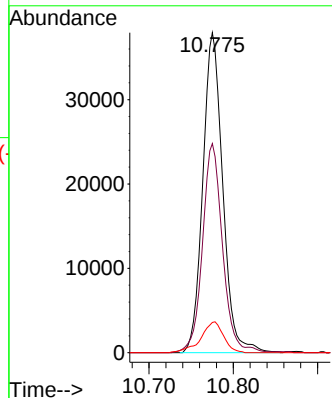
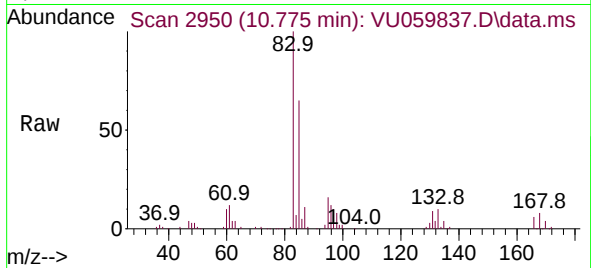
Tgt Ion: 83 Resp: 62557

Ion Ratio Lower Upper

83 100

85 65.4 44.7 82.9

131 9.4 6.9 10.3



#59

Bromoform

Concen: 4.790 ug/L

RT: 10.283 min Scan# 2797

Delta R.T. 0.000 min

Lab File: VU059837.D

Acq: 04 Jul 2024 09:21

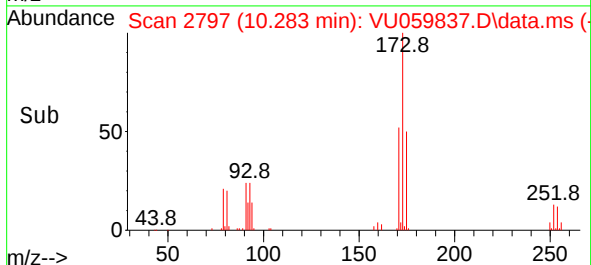
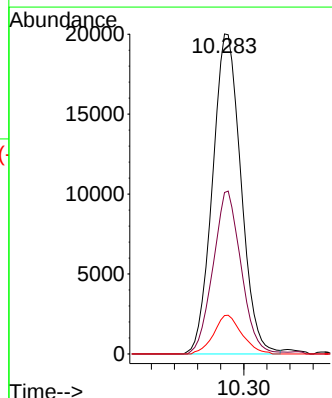
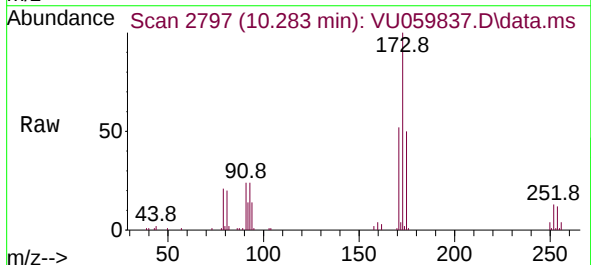
Tgt Ion:173 Resp: 34171

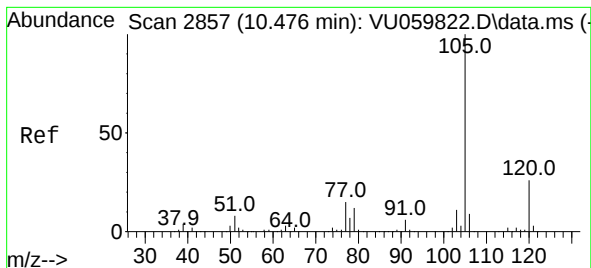
Ion Ratio Lower Upper

173 100

175 50.3 39.4 59.2

254 12.0 7.4 11.2#





#60

Isopropylbenzene

Concen: 4.776 ug/L

RT: 10.479 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU059837.D

Acq: 04 Jul 2024 09:21

Instrument :

MSVOA_U

ClientSampleId :

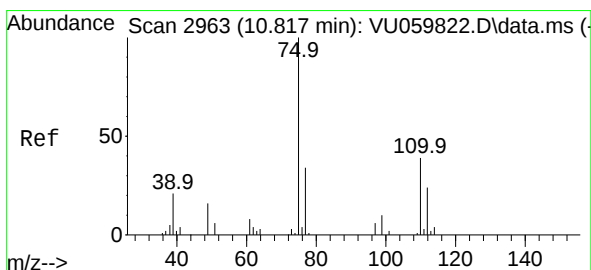
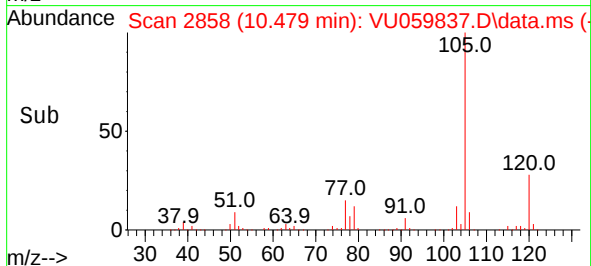
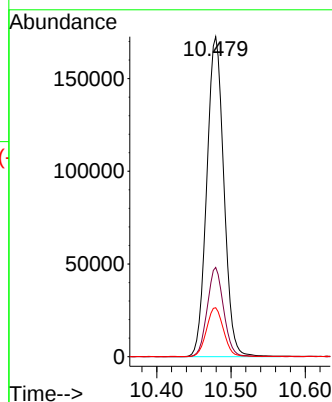
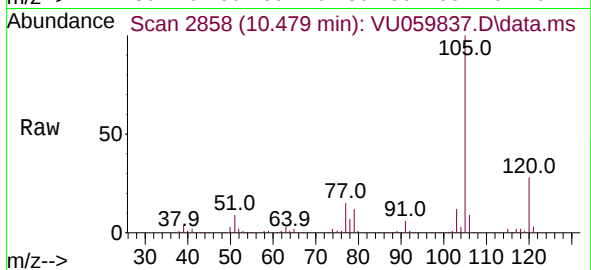
Tgt Ion:105 Resp: 275044

Ion Ratio Lower Upper

105 100

120 26.8 20.6 31.0

77 15.4 12.8 19.2



#61

1,2,3-Trichloropropane

Concen: 4.878 ug/L

RT: 10.817 min Scan# 2963

Delta R.T. 0.000 min

Lab File: VU059837.D

Acq: 04 Jul 2024 09:21

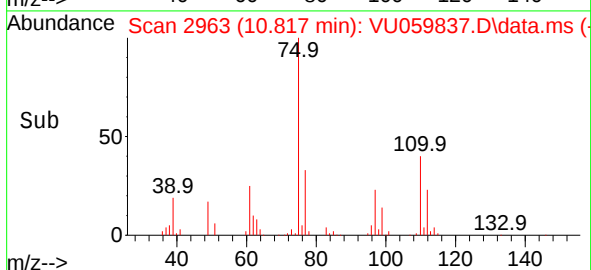
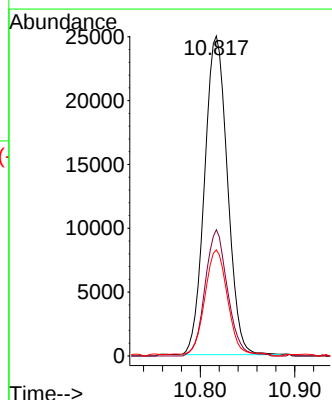
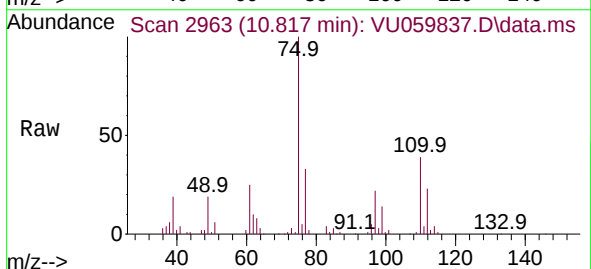
Tgt Ion: 75 Resp: 42018

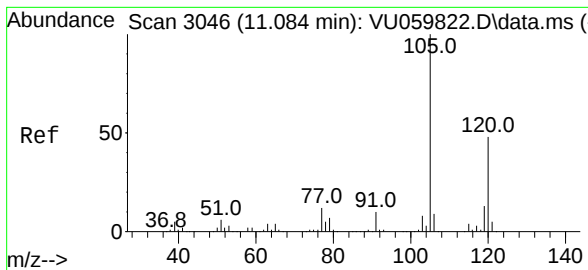
Ion Ratio Lower Upper

75 100

110 38.9 27.1 40.7

77 34.0 25.4 38.2

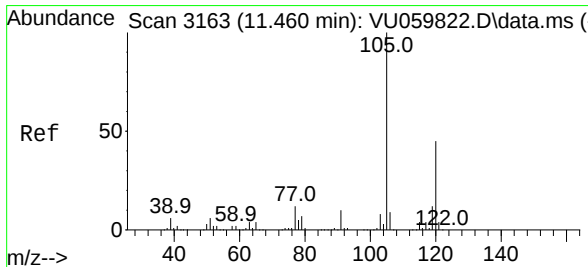
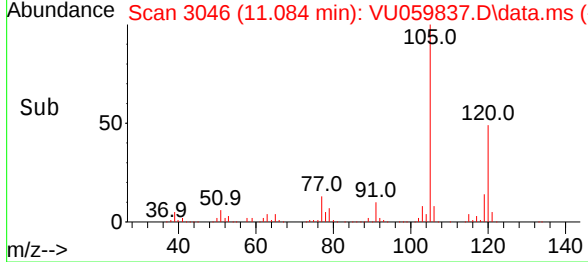
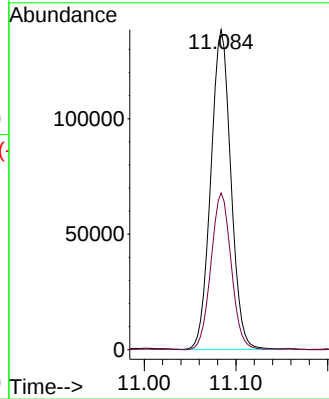
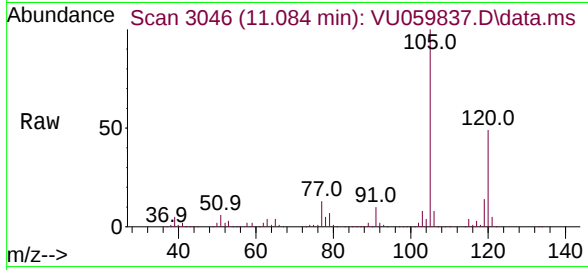




#62
1,3,5-Trimethylbenzene
Concen: 4.622 ug/L
RT: 11.084 min Scan# 3046
Delta R.T. 0.000 min
Lab File: VU059837.D
Acq: 04 Jul 2024 09:21

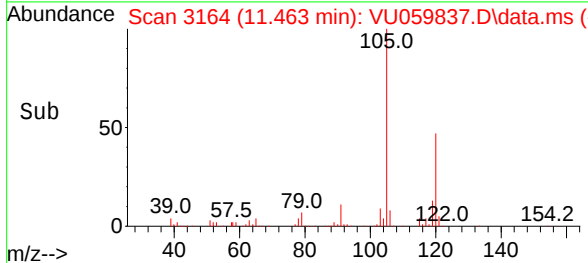
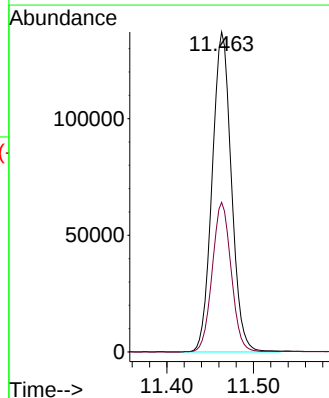
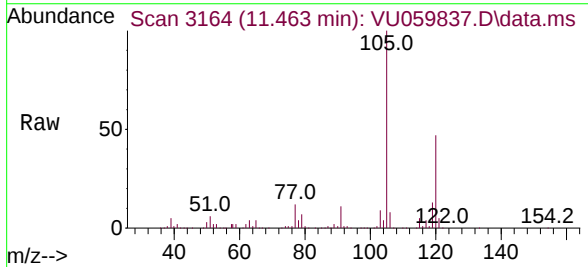
Instrument :
MSVOA_U
ClientSampleId :

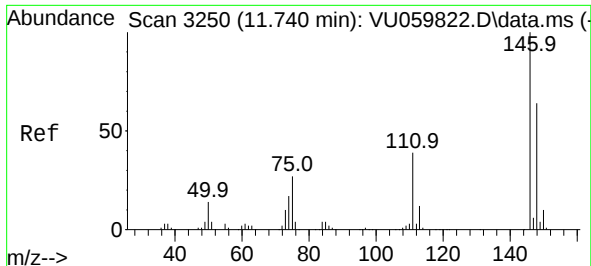
Tgt Ion:105 Resp: 210836
Ion Ratio Lower Upper
105 100
120 49.5 38.2 57.4



#63
1,2,4-Trimethylbenzene
Concen: 4.862 ug/L
RT: 11.463 min Scan# 3164
Delta R.T. 0.003 min
Lab File: VU059837.D
Acq: 04 Jul 2024 09:21

Tgt Ion:105 Resp: 212045
Ion Ratio Lower Upper
105 100
120 46.1 35.4 53.0





#64

1,3-Dichlorobenzene

Concen: 4.856 ug/L

RT: 11.740 min Scan# 3250

Delta R.T. 0.000 min

Lab File: VU059837.D

Acq: 04 Jul 2024 09:21

Instrument :

MSVOA_U

ClientSampleId :

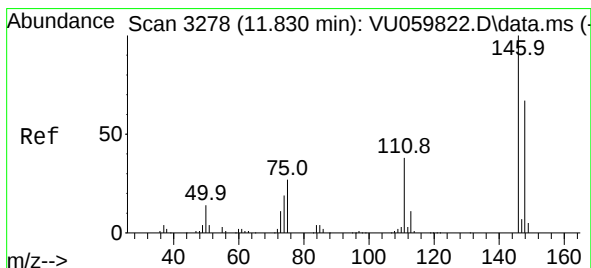
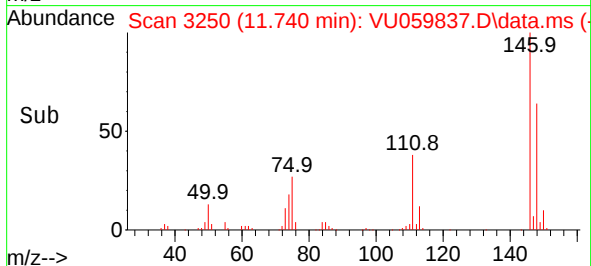
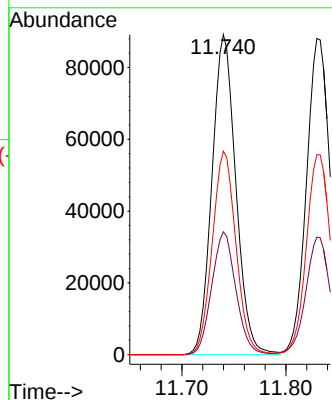
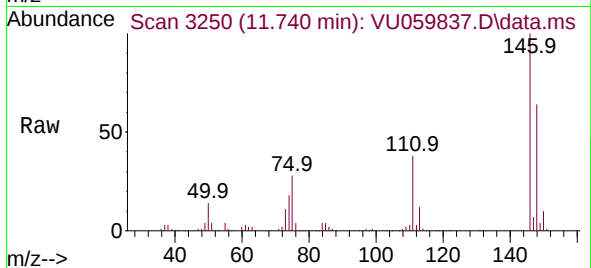
Tgt Ion:146 Resp: 142235

Ion Ratio Lower Upper

146 100

111 38.4 27.4 51.0

148 63.6 45.0 83.6



#65

1,4-Dichlorobenzene

Concen: 4.698 ug/L

RT: 11.830 min Scan# 3278

Delta R.T. 0.000 min

Lab File: VU059837.D

Acq: 04 Jul 2024 09:21

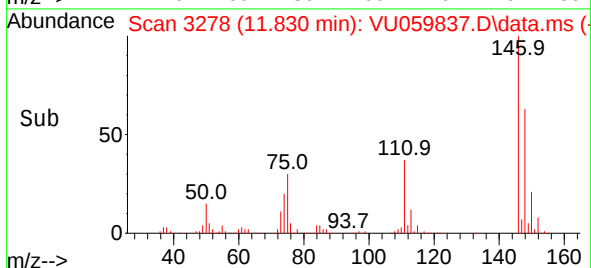
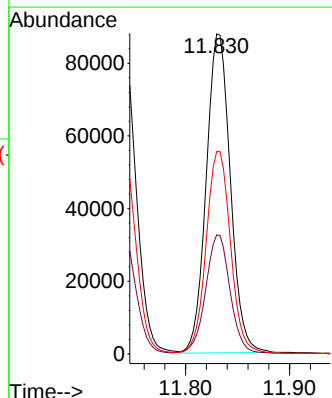
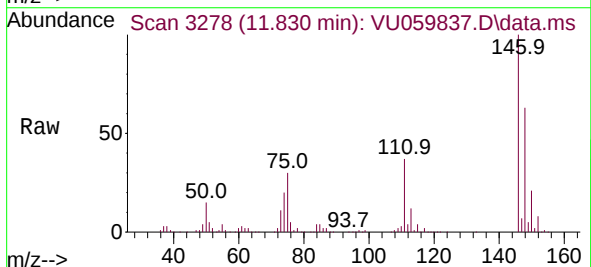
Tgt Ion:146 Resp: 141633

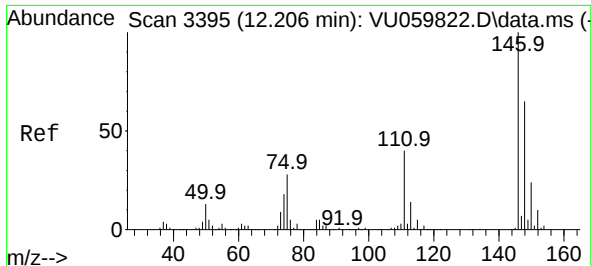
Ion Ratio Lower Upper

146 100

111 37.2 26.9 50.1

148 63.3 45.3 84.1





#67

1,2-Dichlorobenzene

Concen: 4.892 ug/L

RT: 12.206 min Scan# 3395

Delta R.T. 0.000 min

Lab File: VU059837.D

Acq: 04 Jul 2024 09:21

Instrument :

MSVOA_U

ClientSampleId :

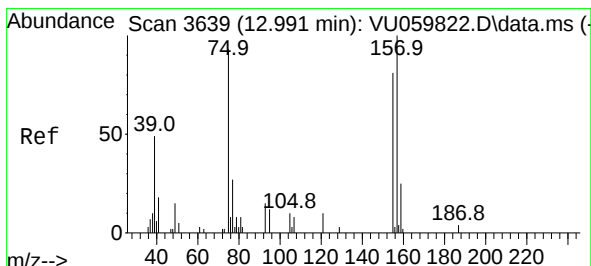
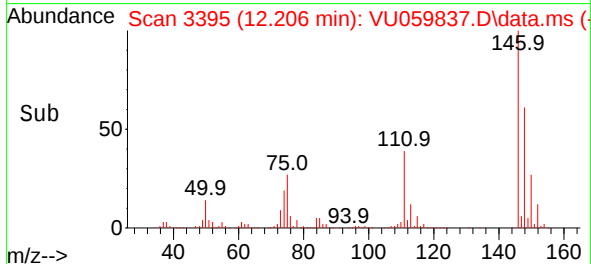
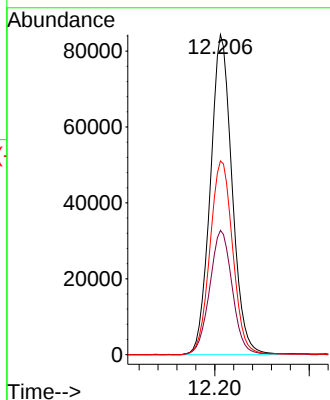
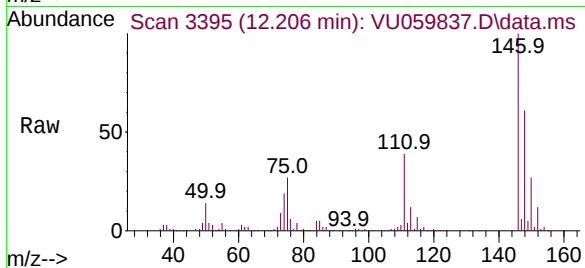
Tgt Ion:146 Resp: 134843

Ion Ratio Lower Upper

146 100

111 38.9 33.4 50.0

148 60.5 49.7 74.5



#68

1,2-Dibromo-3-chloropropane

Concen: 5.186 ug/L

RT: 12.991 min Scan# 3639

Delta R.T. 0.000 min

Lab File: VU059837.D

Acq: 04 Jul 2024 09:21

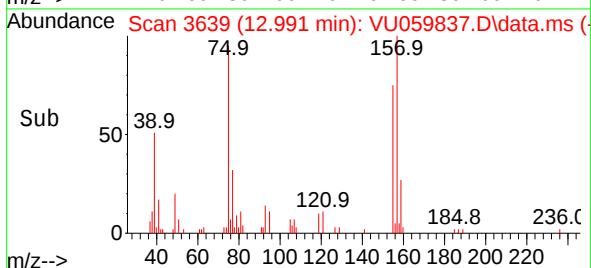
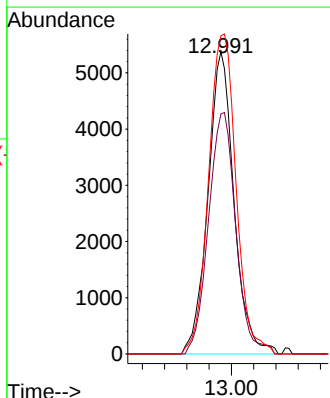
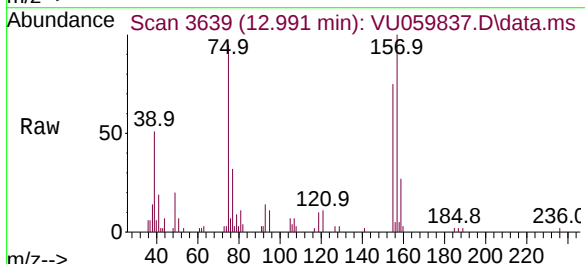
Tgt Ion: 75 Resp: 8714

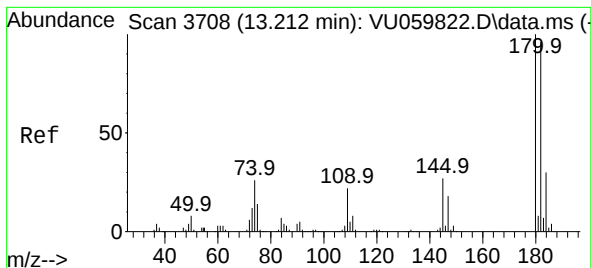
Ion Ratio Lower Upper

75 100

155 79.4 58.2 87.2

157 105.3 80.0 120.0





#69

1,3,5-Trichlorobenzene

Concen: 4.659 ug/L

RT: 13.212 min Scan# 31

Delta R.T. 0.000 min

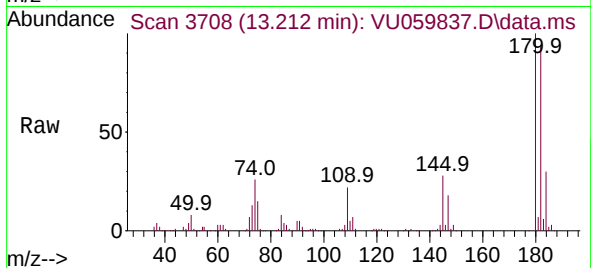
Lab File: VU059837.D

Acq: 04 Jul 2024 09:21

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:180 Resp: 101007

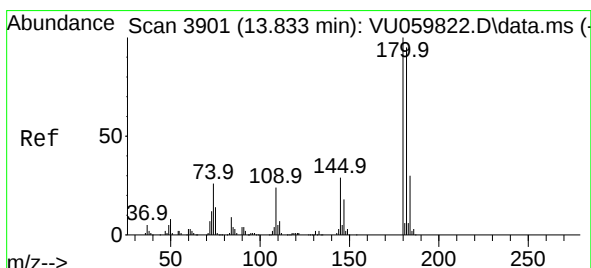
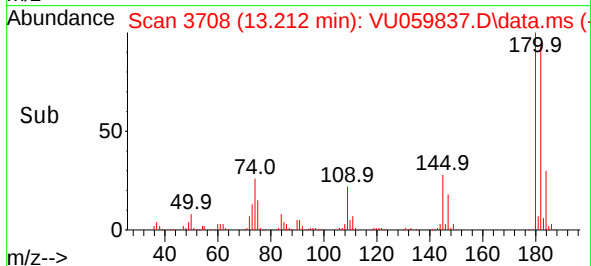
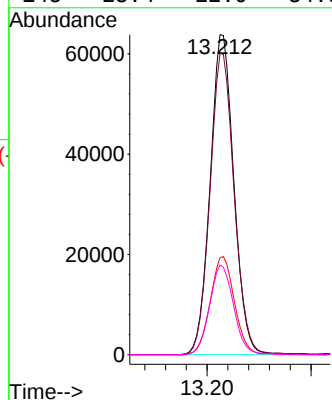
Ion Ratio Lower Upper

180 100

182 96.2 75.4 113.0

184 31.2 23.0 34.6

145 28.4 22.9 34.3



#70

1,2,4-trichlorobenzene

Concen: 4.839 ug/L

RT: 13.836 min Scan# 3902

Delta R.T. 0.003 min

Lab File: VU059837.D

Acq: 04 Jul 2024 09:21

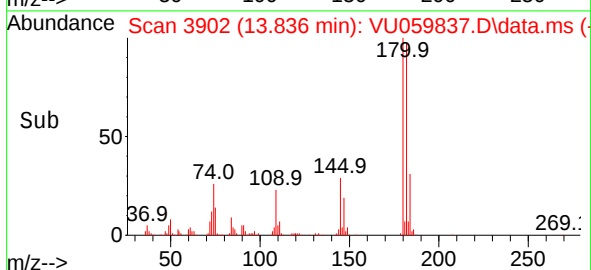
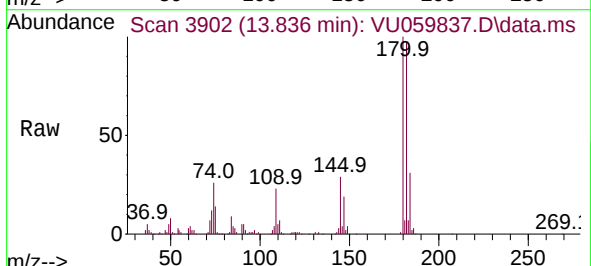
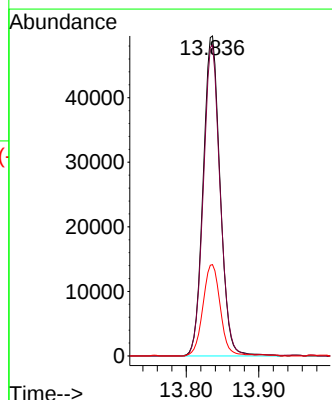
Tgt Ion:180 Resp: 80476

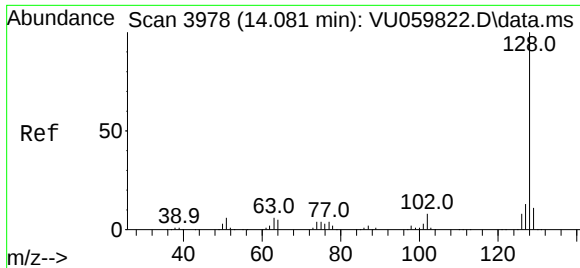
Ion Ratio Lower Upper

180 100

182 96.3 74.9 112.3

145 29.3 23.9 35.9

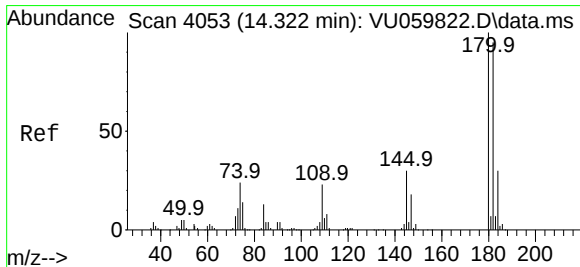
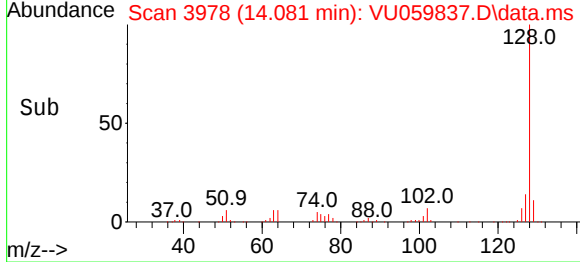
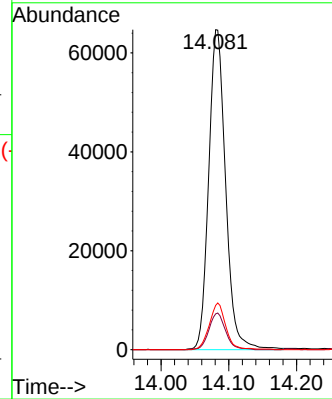
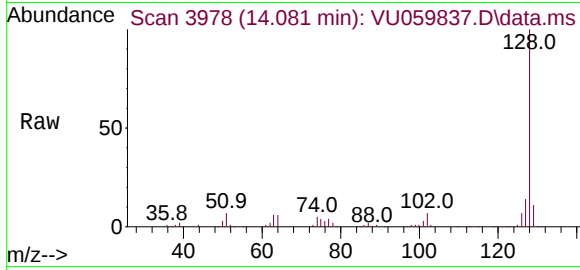




#71
Naphthalene
Concen: 4.727 ug/L
RT: 14.081 min Scan# 3978
Delta R.T. 0.000 min
Lab File: VU059837.D
Acq: 04 Jul 2024 09:21

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:128	Resp: 112514
Ion Ratio	Lower Upper
128	100
129	11.3 8.2 12.4
127	13.9 10.2 15.4



#72
1,2,3-Trichlorobenzene
Concen: 4.901 ug/L
RT: 14.325 min Scan# 4054
Delta R.T. 0.003 min
Lab File: VU059837.D
Acq: 04 Jul 2024 09:21

Tgt Ion:180	Resp: 75688
Ion Ratio	Lower Upper
180	100
182	95.6 77.0 115.6
145	30.7 26.2 39.4

