

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062824\
 Data File : VU059611.D
 Acq On : 28 Jun 2024 10:57
 Operator : MD/SY
 Sample : P3007-21MS
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jun 28 23:14:24 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Jun 28 02:08:17 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	149136	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	153662	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	81118	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	38173	3.681	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	73.600%
7) Chloroethane-d5	1.907	69	42390	4.248	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	85.000%
11) 1,1-Dichloroethene-d2	2.560	65	17922	4.166	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	83.400%
20) 2-Butanone-d5	4.618	46	106213	49.723	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.440%
24) Chloroform-d	5.055	84	97845	4.597	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.000%
26) 1,2-Dichloroethane-d4	5.692	65	46015	4.488	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.800%
32) Benzene-d6	5.721	84	195739	4.628	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.600%
36) 1,2-Dichloropropane-d6	6.682	67	60408	4.662	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.200%
41) Toluene-d8	7.891	98	184722	4.699	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.000%
43) trans-1,3-Dichloroprop...	8.174	79	18465	4.550	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.000%
46) 2-Hexanone-d5	8.624	63	89223	52.919	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	105.840%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	52276	4.882	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.600%
66) 1,2-Dichlorobenzene-d4	12.187	152	67173	4.653	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.380	85	59883	4.739	ug/L	98
3) Chloromethane	1.518	50	68096	5.007	ug/L	99
5) Vinyl chloride	1.602	62	73520	4.893	ug/L	100
6) Bromomethane	1.853	94	35622	3.410	ug/L	96
8) Chloroethane	1.930	64	49471	5.465	ug/L	97
9) Trichlorofluoromethane	2.132	101	92830	5.133	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	56181	4.907	ug/L	94
12) 1,1-Dichloroethene	2.573	96	53227	5.032	ug/L	85
13) Acetone	2.628	43	71560	51.643	ug/L	91
14) Carbon disulfide	2.788	76	170972	4.845	ug/L	100
15) Methyl Acetate	2.952	43	10221	2.795	ug/L #	86
16) Methylene chloride	3.036	84	63012	5.027	ug/L	91
17) Methyl tert-butyl Ether	3.354	73	116300	5.102	ug/L	98
18) trans-1,2-Dichloroethene	3.345	96	55140	5.013	ug/L	90
19) 1,1-Dichloroethane	3.859	63	103723	5.113	ug/L	98
21) 2-Butanone	4.698	43	117543	52.887	ug/L	92
22) cis-1,2-Dichloroethene	4.656	96	61976	5.111	ug/L	95
23) Bromochloromethane	4.965	128	29856	5.401	ug/L	84
25) Chloroform	5.078	83	109598	5.130	ug/L	99

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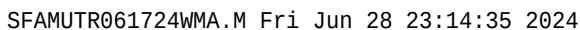
Instrument :
 MSVOA_U
 ClientSampleId :

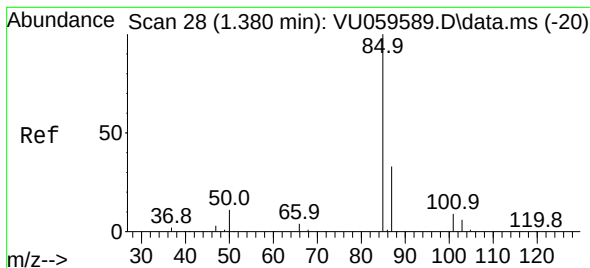
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 Quant Title : TRACE VOA SFAM1.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	65238	5.039	ug/L	99
29) 1,1,1-Trichloroethane	5.309	97	90497	5.100	ug/L	96
30) Cyclohexane	5.380	56	74994	4.787	ug/L	92
31) Carbon tetrachloride	5.518	117	74624	5.023	ug/L	99
33) Benzene	5.766	78	245286	5.257	ug/L	100
34) Trichloroethene	6.534	95	61676	4.881	ug/L	96
35) Methylcyclohexane	6.756	83	82741	4.601	ug/L	93
37) 1,2-Dichloropropane	6.782	63	62944	5.212	ug/L	98
38) Bromodichloromethane	7.097	83	77849	5.165	ug/L	95
39) cis-1,3-Dichloropropene	7.598	75	76703	4.645	ug/L	100
40) 4-Methyl-2-pentanone	7.782	43	288993	51.647	ug/L	96
42) Toluene	7.962	91	264489	5.354	ug/L	99
44) trans-1,3-Dichloropropene	8.203	75	62400	4.708	ug/L	99
45) 1,1,2-Trichloroethane	8.393	97	48164	5.413	ug/L	97
47) Tetrachloroethene	8.547	164	49346	5.032	ug/L	98
48) 2-Hexanone	8.676	43	209302	52.411	ug/L #	92
49) Dibromochloromethane	8.801	129	51491	5.224	ug/L	100
50) 1,2-Dibromoethane	8.917	107	43831	5.334	ug/L	98
51) Chlorobenzene	9.441	112	162878	5.198	ug/L	95
52) Ethylbenzene	9.563	91	259371	5.118	ug/L	96
53) m,p-Xylene	9.688	106	104302	5.359	ug/L	92
54) o-Xylene	10.094	106	97039	5.253	ug/L	97
55) Styrene	10.110	104	165807	5.273	ug/L	95
57) 1,1,2,2-Tetrachloroethane	10.775	83	58081	5.380	ug/L	98
59) Bromoform	10.283	173	31712	5.108	ug/L #	98
60) Isopropylbenzene	10.476	105	253798	5.065	ug/L	99
61) 1,2,3-Trichloropropane	10.814	75	37838	5.048	ug/L	96
62) 1,3,5-Trimethylbenzene	11.081	105	191146	4.815	ug/L	97
63) 1,2,4-Trimethylbenzene	11.460	105	191720	5.051	ug/L	98
64) 1,3-Dichlorobenzene	11.740	146	131627	5.165	ug/L	99
65) 1,4-Dichlorobenzene	11.830	146	130541	4.976	ug/L	98
67) 1,2-Dichlorobenzene	12.206	146	121914	5.083	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.991	75	7551	5.164	ug/L #	73
69) 1,3,5-Trichlorobenzene	13.212	180	90540	4.799	ug/L	98
70) 1,2,4-trichlorobenzene	13.833	180	70862	4.896	ug/L	99
71) Naphthalene	14.081	128	95576	4.614	ug/L	98
72) 1,2,3-Trichlorobenzene	14.322	180	66598	4.956	ug/L	98

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

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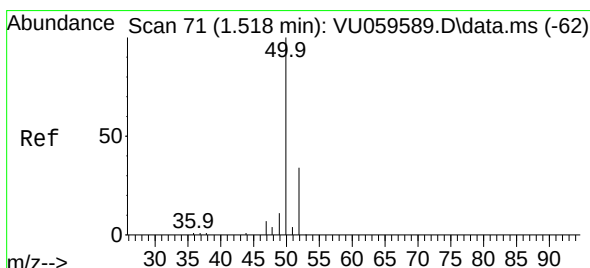
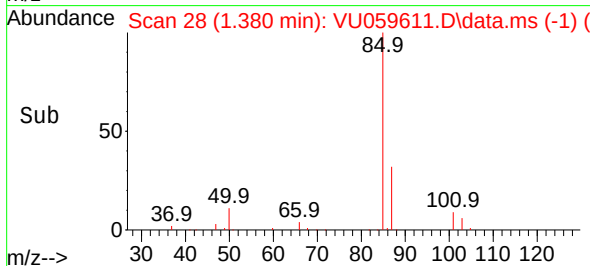
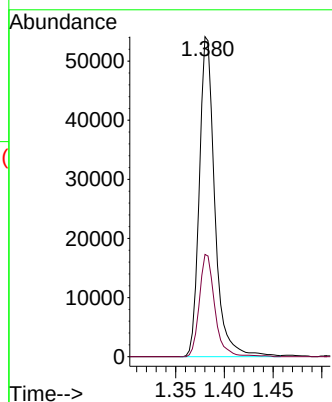
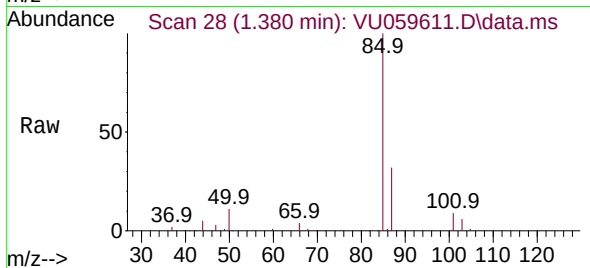




#2
 Dichlorodifluoromethane
 Concen: 4.739 ug/L
 RT: 1.380 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VU059611.D
 Acq: 28 Jun 2024 10:57

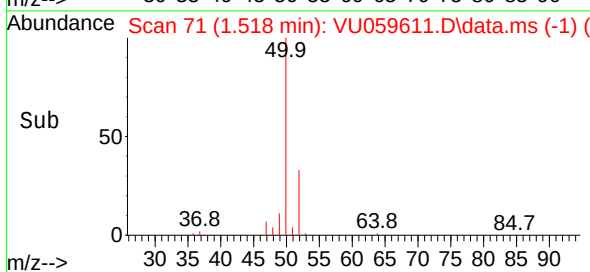
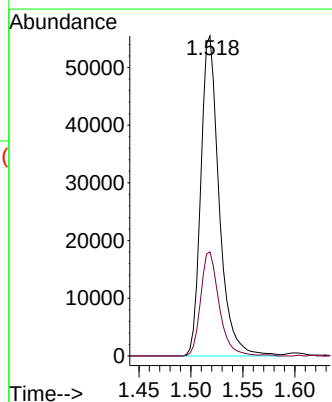
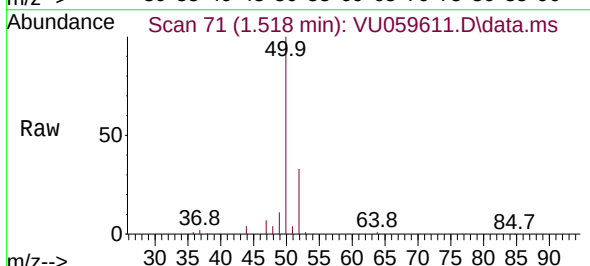
Instrument :
 MSVOA_U
 ClientSampleId :

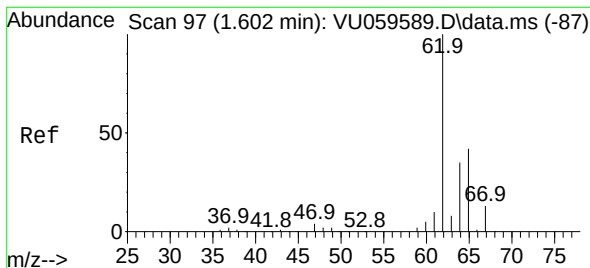
Tgt Ion: 85 Resp: 59883
 Ion Ratio Lower Upper
 85 100
 87 31.9 26.6 40.0



#3
 Chloromethane
 Concen: 5.007 ug/L
 RT: 1.518 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: VU059611.D
 Acq: 28 Jun 2024 10:57

Tgt Ion: 50 Resp: 68096
 Ion Ratio Lower Upper
 50 100
 52 32.6 23.2 43.0





#5

Vinyl chloride

Concen: 4.893 ug/L

RT: 1.602 min Scan# 91

Delta R.T. -0.000 min

Lab File: VU059611.D

Acq: 28 Jun 2024 10:57

Instrument :

MSVOA_U

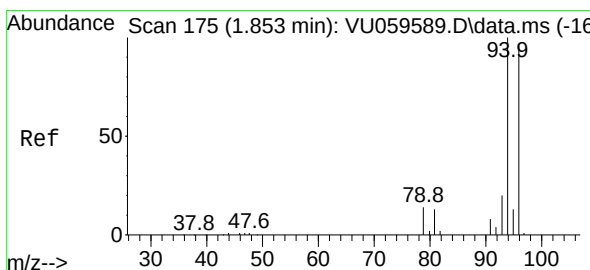
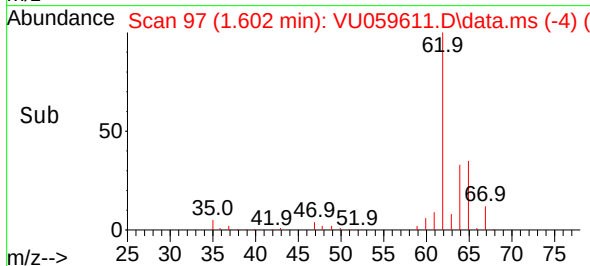
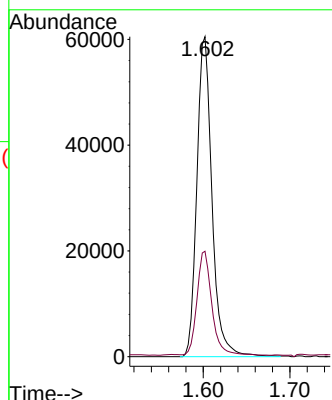
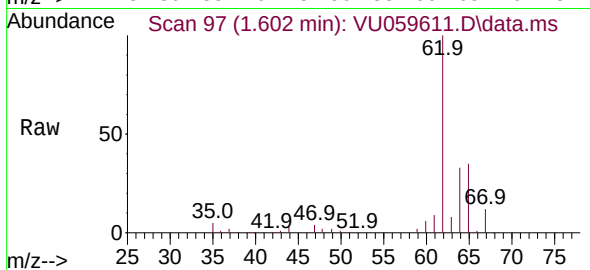
ClientSampleId :

Tgt Ion: 62 Resp: 73520

Ion Ratio Lower Upper

62 100

64 33.0 23.1 42.9



#6

Bromomethane

Concen: 3.410 ug/L

RT: 1.853 min Scan# 175

Delta R.T. -0.000 min

Lab File: VU059611.D

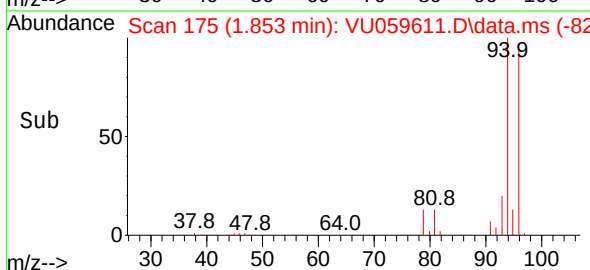
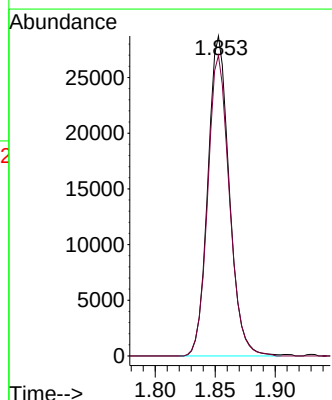
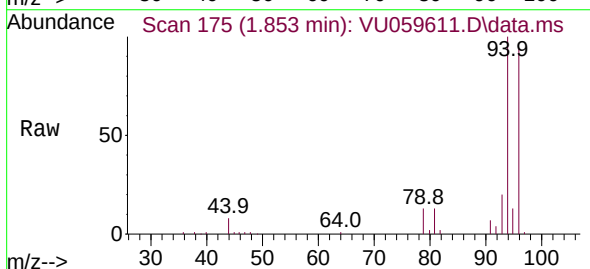
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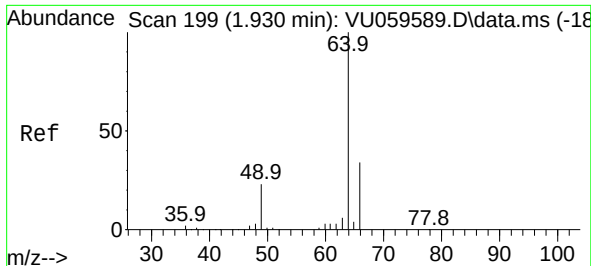
Tgt Ion: 94 Resp: 35622

Ion Ratio Lower Upper

94 100

96 93.9 62.9 116.9

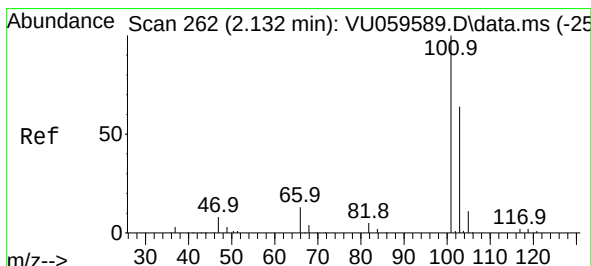
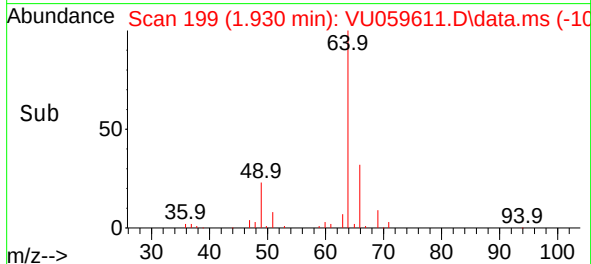
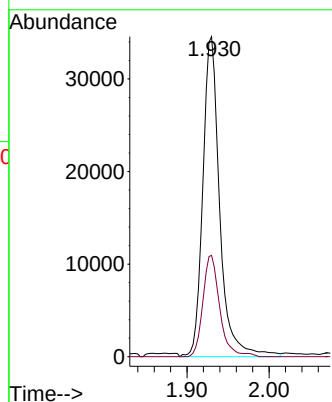
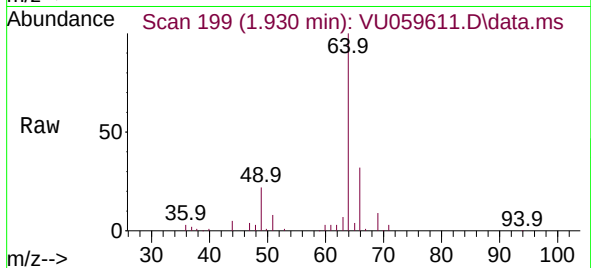




#8
Chloroethane
Concen: 5.465 ug/L
RT: 1.930 min Scan# 199
Delta R.T. -0.000 min
Lab File: VU059611.D
Acq: 28 Jun 2024 10:57

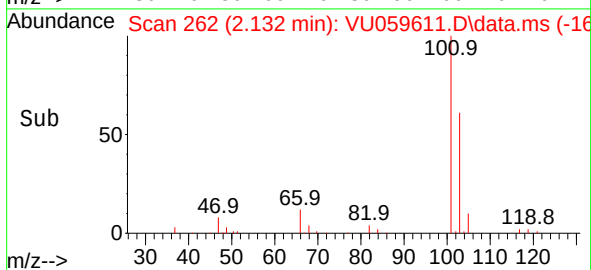
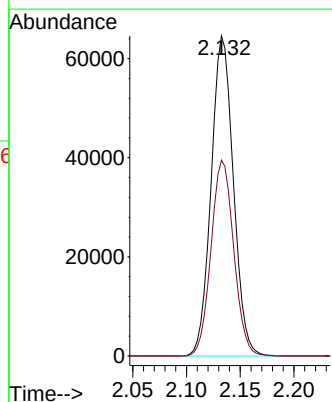
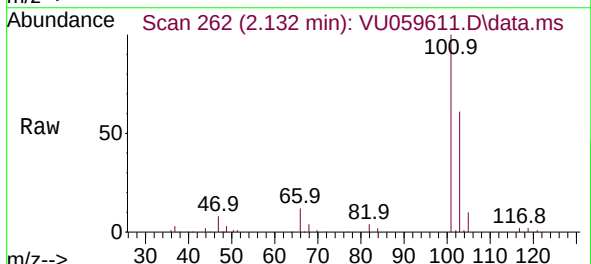
Instrument :
MSVOA_U
ClientSampleId :

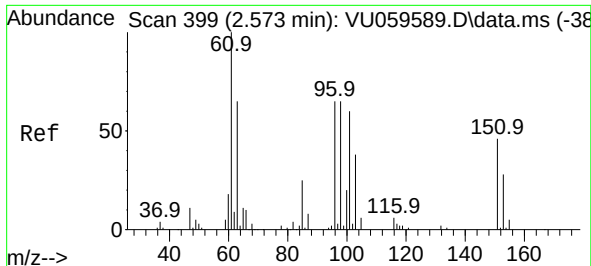
Tgt Ion: 64 Resp: 49471
Ion Ratio Lower Upper
64 100
66 31.7 23.2 43.2



#9
Trichlorofluoromethane
Concen: 5.133 ug/L
RT: 2.132 min Scan# 262
Delta R.T. 0.000 min
Lab File: VU059611.D
Acq: 28 Jun 2024 10:57

Tgt Ion:101 Resp: 92830
Ion Ratio Lower Upper
101 100
103 62.4 52.6 79.0

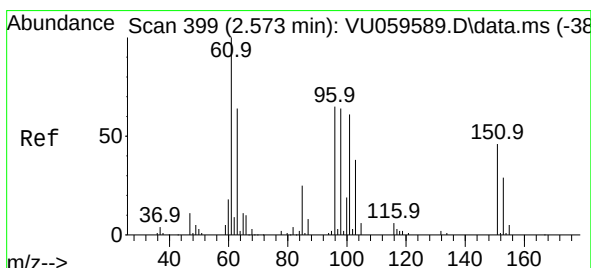
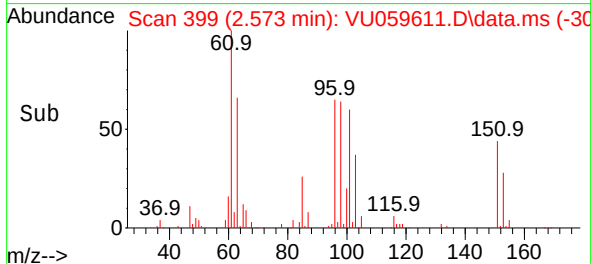
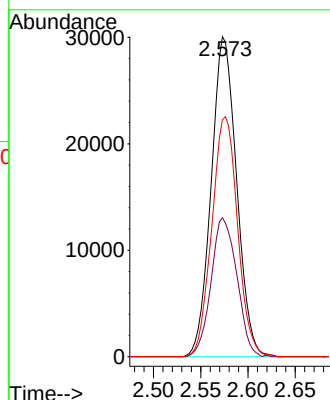
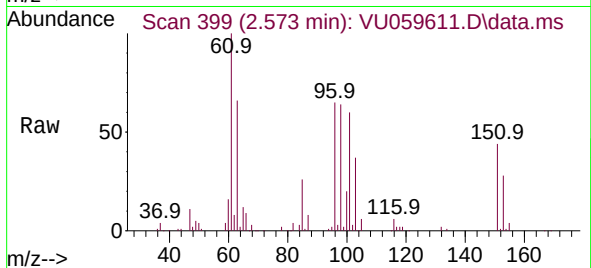




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 4.907 ug/L
 RT: 2.573 min Scan# 399
 Delta R.T. 0.000 min
 Lab File: VU059611.D
 Acq: 28 Jun 2024 10:57

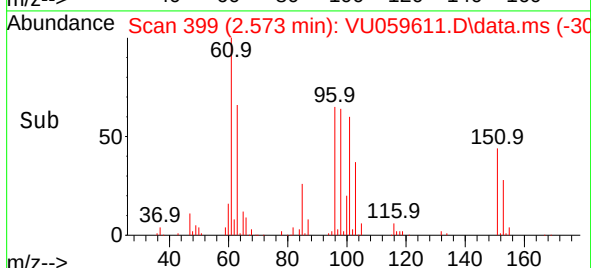
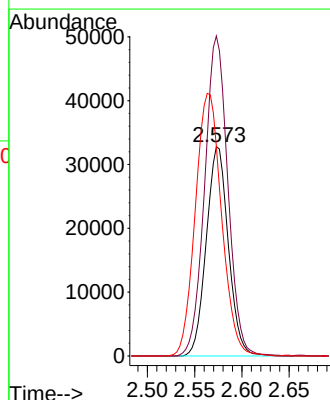
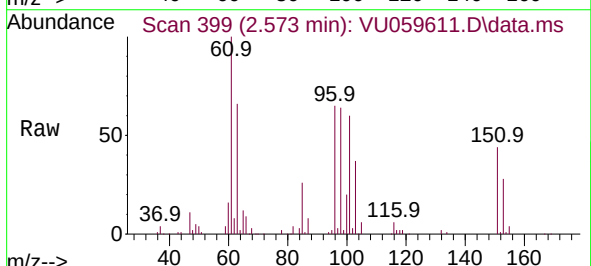
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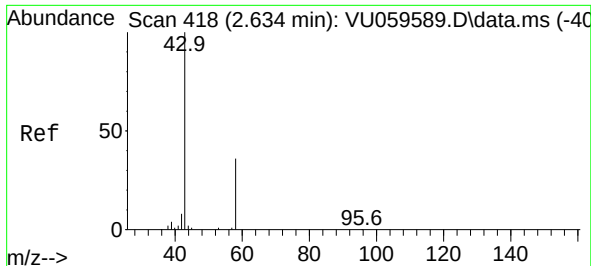
Tgt Ion:101 Resp: 56181
 Ion Ratio Lower Upper
 101 100
 85 44.0 36.2 54.4
 151 75.9 55.5 83.3



#12
 1,1-Dichloroethene
 Concen: 5.032 ug/L
 RT: 2.573 min Scan# 399
 Delta R.T. 0.000 min
 Lab File: VU059611.D
 Acq: 28 Jun 2024 10:57

Tgt Ion: 96 Resp: 53227
 Ion Ratio Lower Upper
 96 100
 61 152.7 122.9 228.3
 63 100.0 80.4 149.4





#13

Acetone

Concen: 51.643 ug/L

RT: 2.628 min Scan# 41

Delta R.T. -0.006 min

Lab File: VU059611.D

Acq: 28 Jun 2024 10:57

Instrument :

MSVOA_U

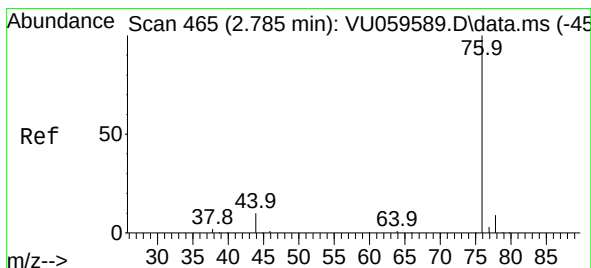
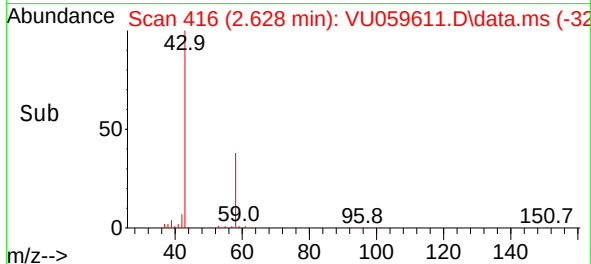
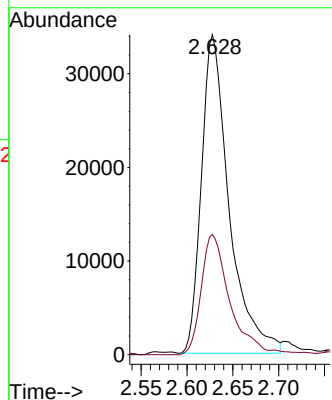
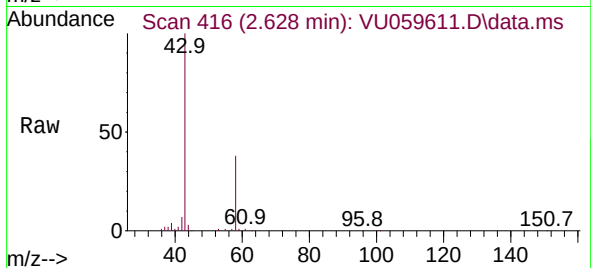
ClientSampleId :

Tgt Ion: 43 Resp: 71560

Ion Ratio Lower Upper

43 100

58 39.0 0.0 68.0



#14

Carbon disulfide

Concen: 4.845 ug/L

RT: 2.788 min Scan# 466

Delta R.T. 0.003 min

Lab File: VU059611.D

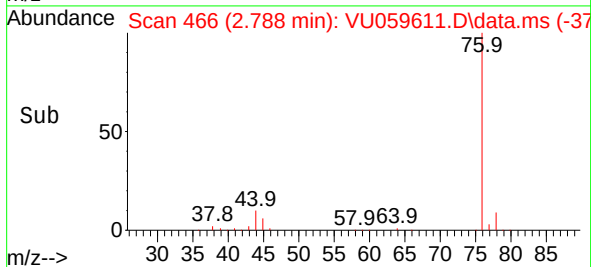
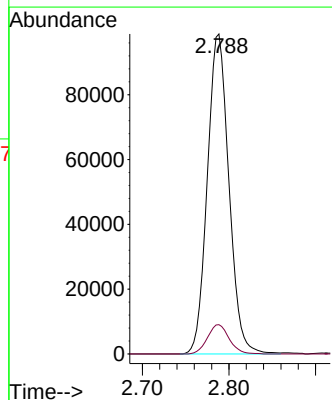
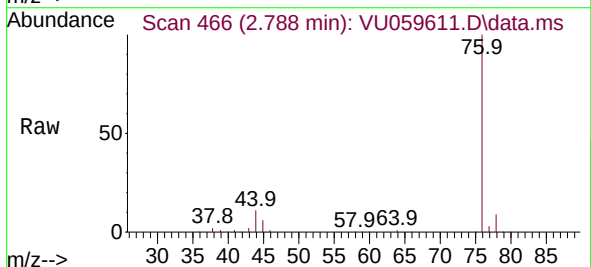
Acq: 28 Jun 2024 10:57

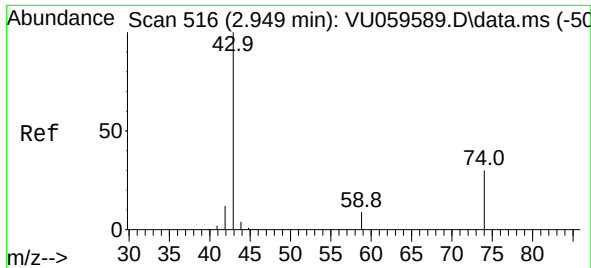
Tgt Ion: 76 Resp: 170972

Ion Ratio Lower Upper

76 100

78 9.1 7.3 10.9

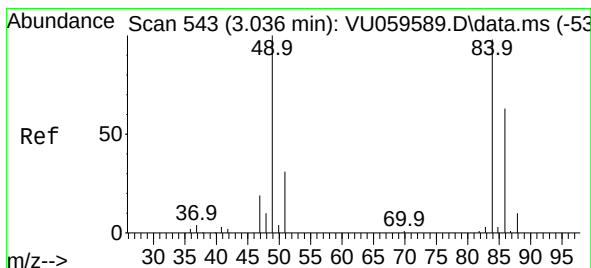
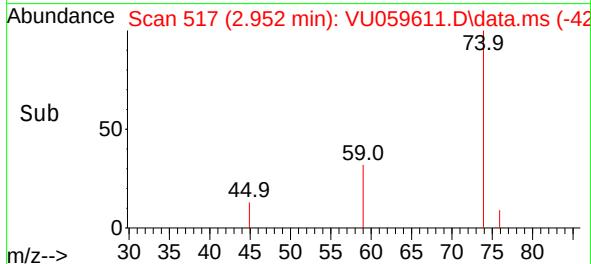
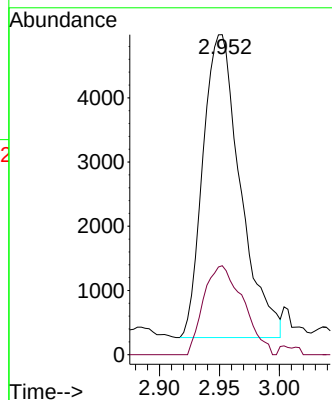
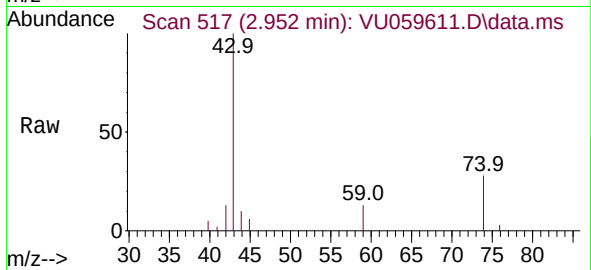




#15
Methyl Acetate
Concen: 2.795 ug/L
RT: 2.952 min Scan# 516
Delta R.T. 0.003 min
Lab File: VU059611.D
Acq: 28 Jun 2024 10:57

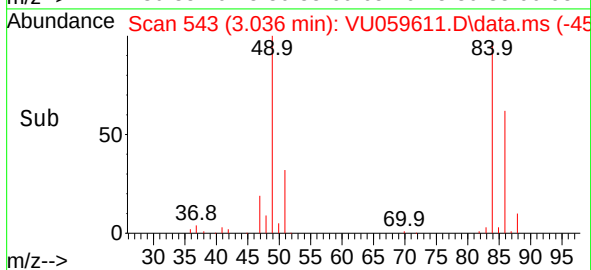
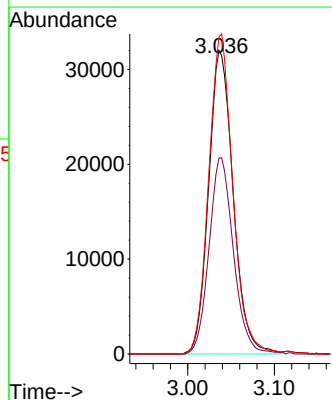
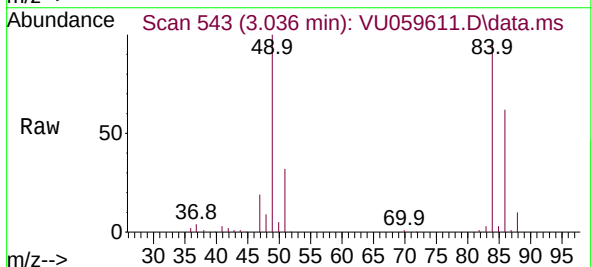
Instrument :
MSVOA_U
ClientSampleId :

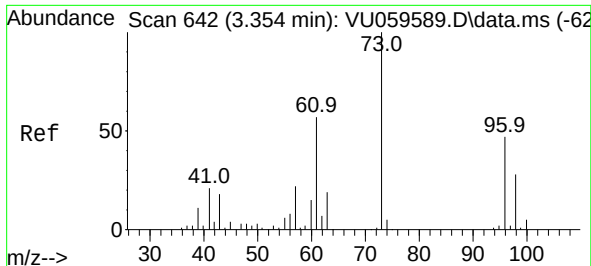
Tgt Ion: 43 Resp: 10221
Ion Ratio Lower Upper
43 100
74 31.1 19.2 28.8#



#16
Methylene chloride
Concen: 5.027 ug/L
RT: 3.036 min Scan# 543
Delta R.T. -0.000 min
Lab File: VU059611.D
Acq: 28 Jun 2024 10:57

Tgt Ion: 84 Resp: 63012
Ion Ratio Lower Upper
84 100
86 64.5 42.1 78.1
49 104.4 80.6 149.8



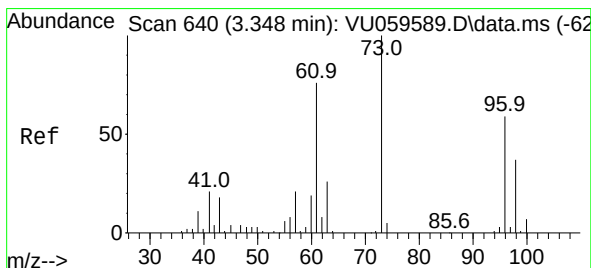
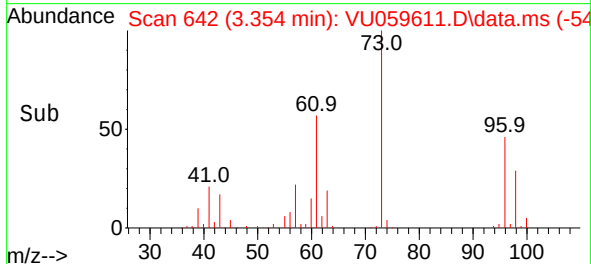
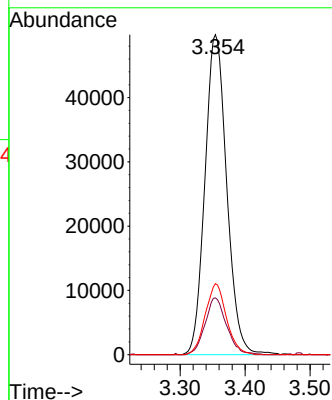
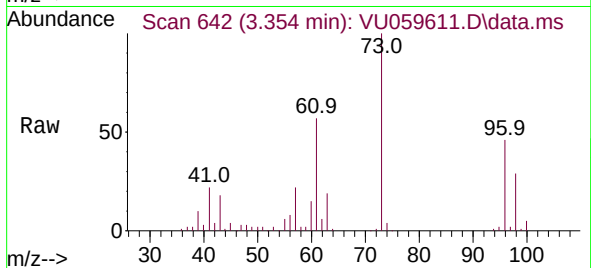


#17
Methyl tert-butyl Ether
Concen: 5.102 ug/L
RT: 3.354 min Scan# 642
Delta R.T. 0.000 min
Lab File: VU059611.D
Acq: 28 Jun 2024 10:57

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 73 Resp: 116300

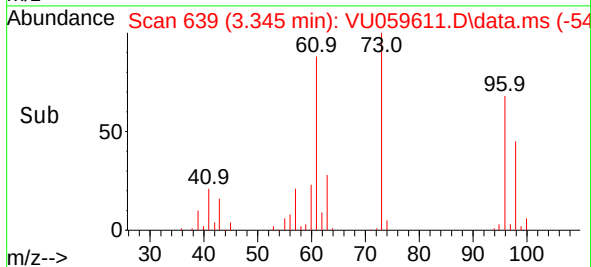
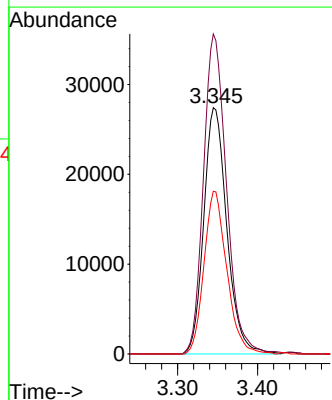
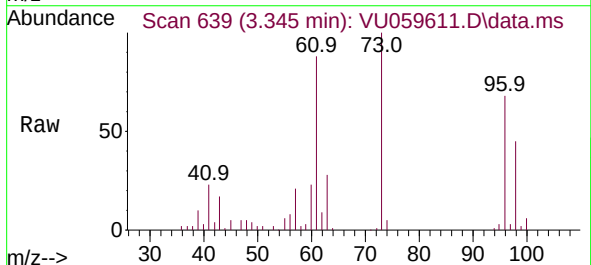
Ion	Ratio	Lower	Upper
73	100		
43	17.6	14.9	22.3
57	21.6	18.0	27.0

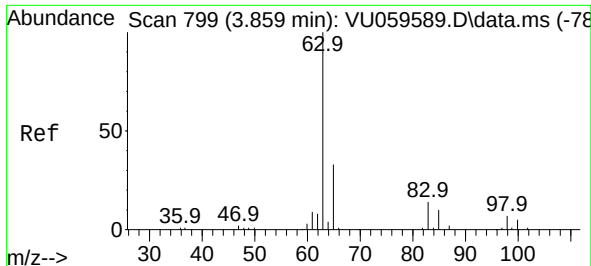


#18
trans-1,2-Dichloroethene
Concen: 5.013 ug/L
RT: 3.345 min Scan# 639
Delta R.T. -0.003 min
Lab File: VU059611.D
Acq: 28 Jun 2024 10:57

Tgt Ion: 96 Resp: 55140

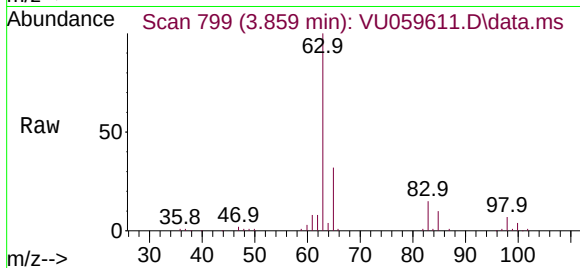
Ion	Ratio	Lower	Upper
96	100		
61	129.9	101.8	189.0
98	66.1	43.3	80.5



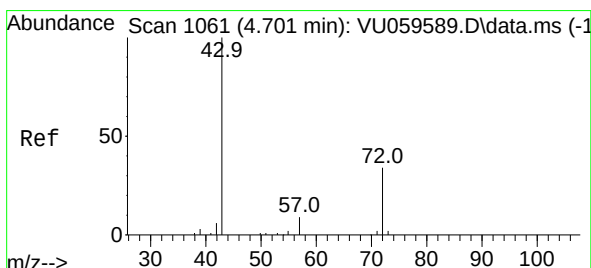
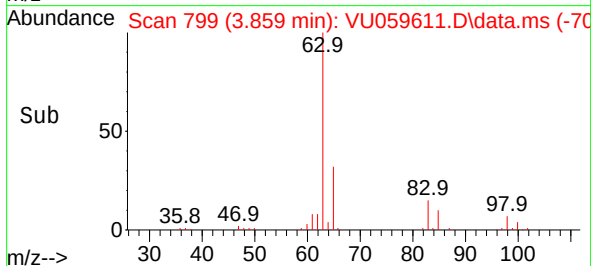
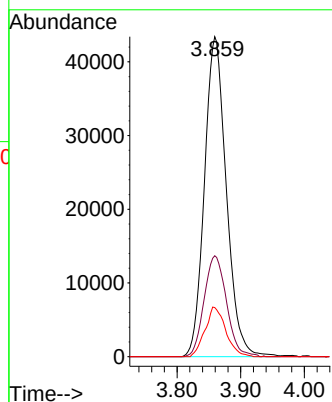


#19
1,1-Dichloroethane
Concen: 5.113 ug/L
RT: 3.859 min Scan# 799
Delta R.T. -0.000 min
Lab File: VU059611.D
Acq: 28 Jun 2024 10:57

Instrument :
MSVOA_U
ClientSampleId :

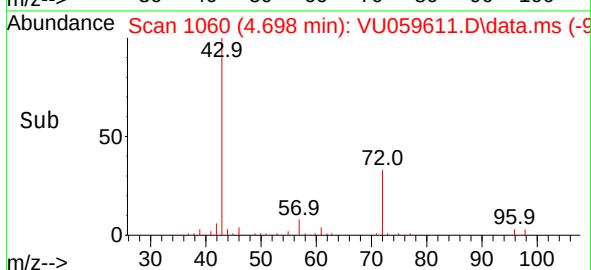
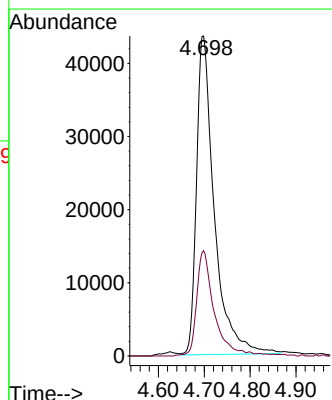
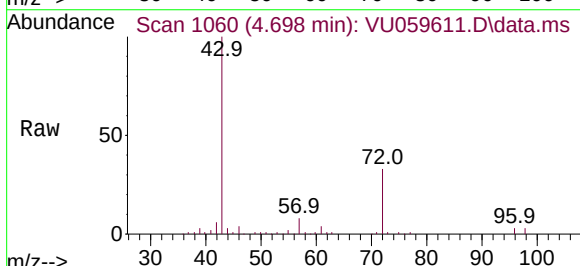


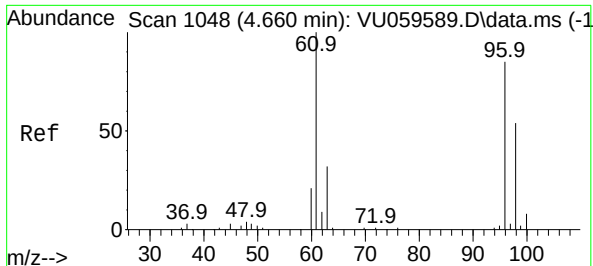
Tgt Ion: 63 Resp: 103723
Ion Ratio Lower Upper
63 100
65 32.3 21.8 40.6
83 15.4 9.9 18.5



#21
2-Butanone
Concen: 52.887 ug/L
RT: 4.698 min Scan# 1060
Delta R.T. -0.003 min
Lab File: VU059611.D
Acq: 28 Jun 2024 10:57

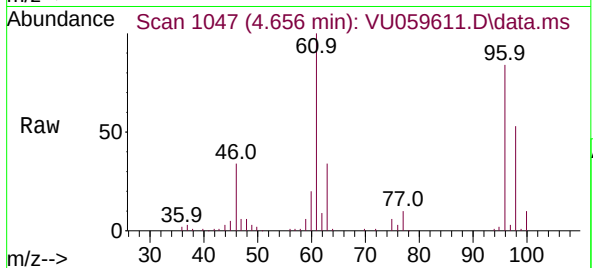
Tgt Ion: 43 Resp: 117543
Ion Ratio Lower Upper
43 100
72 31.7 13.8 41.4





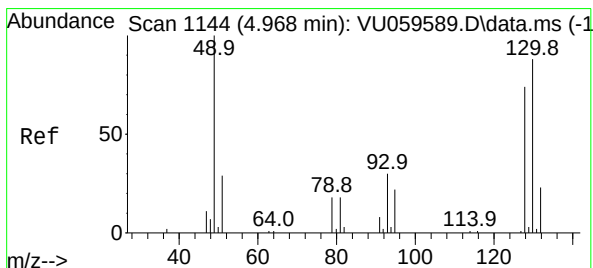
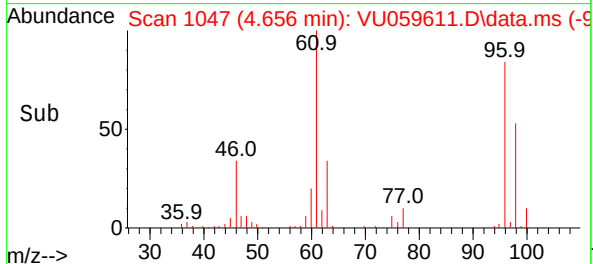
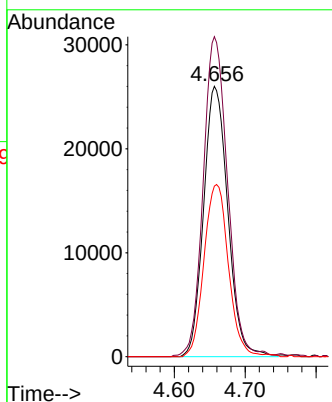
#22
cis-1,2-Dichloroethene
Concen: 5.111 ug/L
RT: 4.656 min Scan# 1047
Delta R.T. -0.003 min
Lab File: VU059611.D
Acq: 28 Jun 2024 10:57

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 96 Resp: 61976

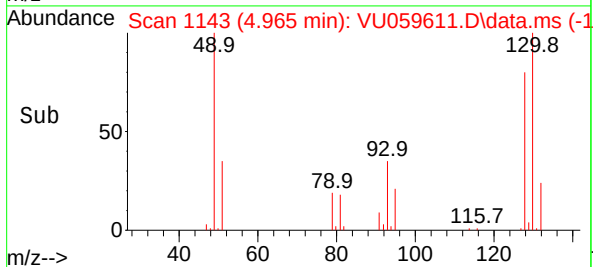
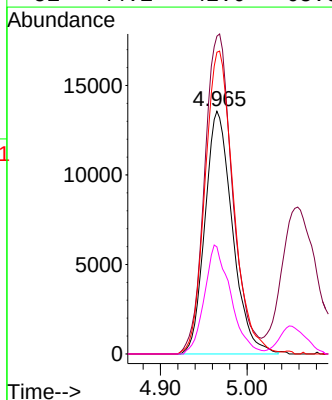
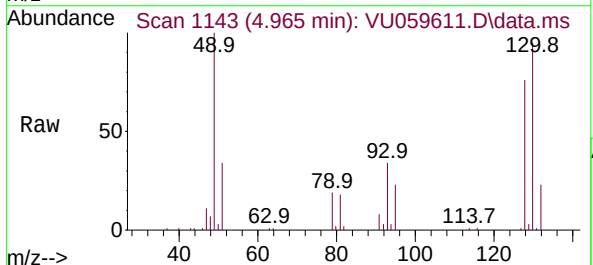
Ion	Ratio	Lower	Upper
96	100		
61	118.4	87.4	162.2
98	63.1	42.3	78.5

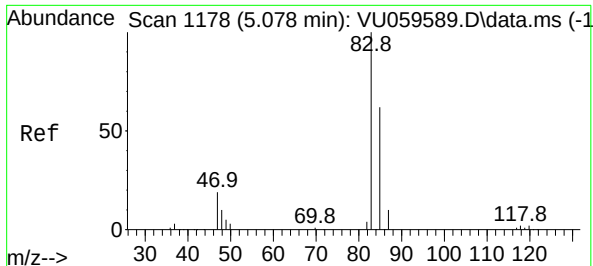


#23
Bromochloromethane
Concen: 5.401 ug/L
RT: 4.965 min Scan# 1143
Delta R.T. -0.003 min
Lab File: VU059611.D
Acq: 28 Jun 2024 10:57

Tgt Ion: 128 Resp: 29856

Ion	Ratio	Lower	Upper
128	100		
49	130.9	117.0	217.4
130	124.3	89.6	166.4
51	44.1	42.0	63.0

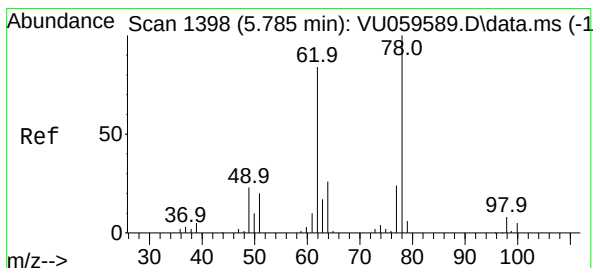
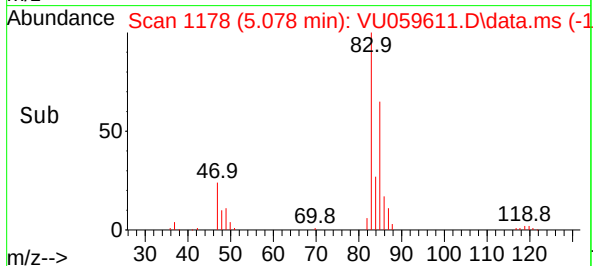
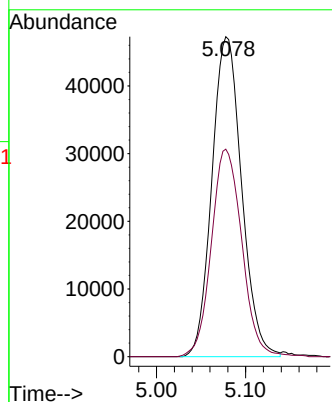
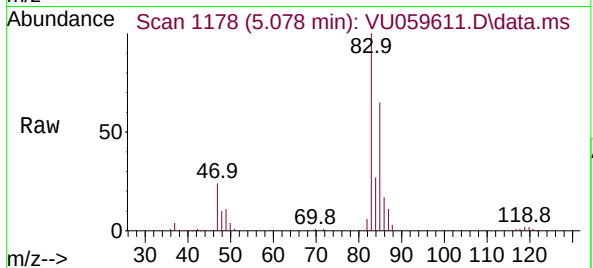




#25
Chloroform
Concen: 5.130 ug/L
RT: 5.078 min Scan# 1178
Delta R.T. -0.000 min
Lab File: VU059611.D
Acq: 28 Jun 2024 10:57

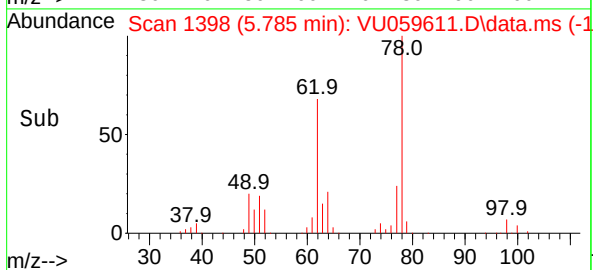
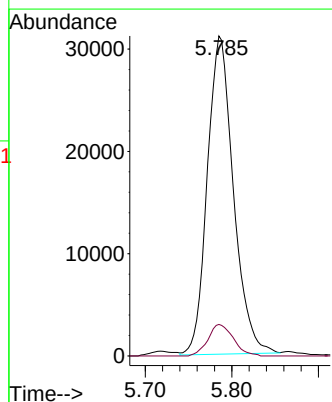
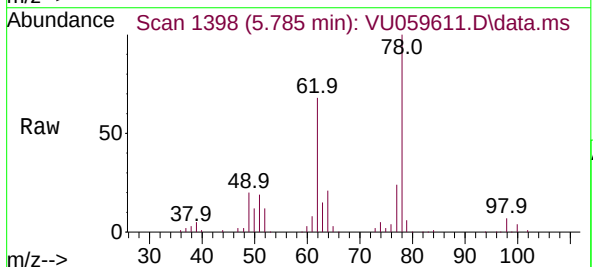
Instrument :
MSVOA_U
ClientSampleId :

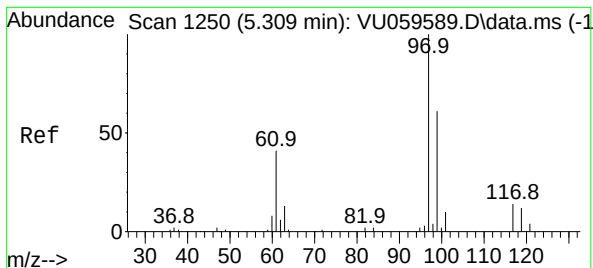
Tgt Ion: 83 Resp: 109598
Ion Ratio Lower Upper
83 100
85 64.8 44.7 83.1



#27
1,2-Dichloroethane
Concen: 5.039 ug/L
RT: 5.785 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VU059611.D
Acq: 28 Jun 2024 10:57

Tgt Ion: 62 Resp: 65238
Ion Ratio Lower Upper
62 100
98 9.8 7.5 11.3





#29

1,1,1-Trichloroethane

Concen: 5.100 ug/L

RT: 5.309 min Scan# 1250

Delta R.T. -0.000 min

Lab File: VU059611.D

Acq: 28 Jun 2024 10:57

Instrument :

MSVOA_U

ClientSampleId :

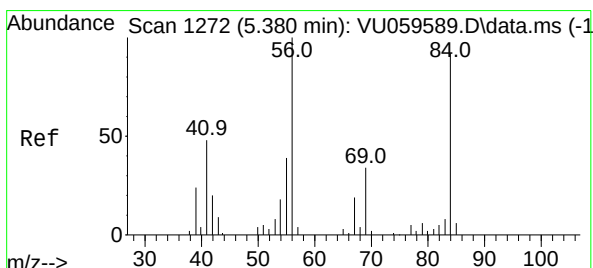
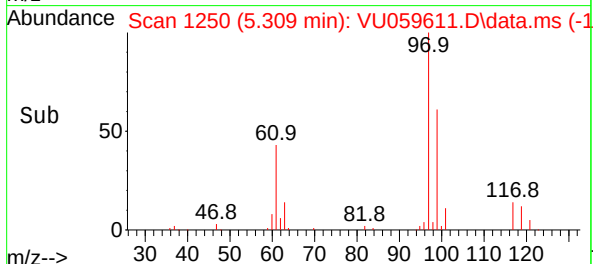
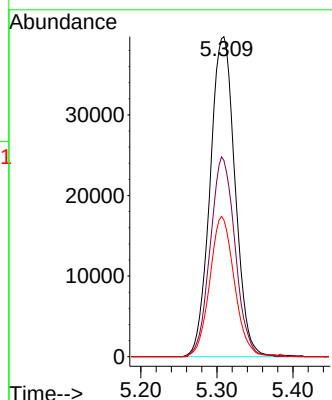
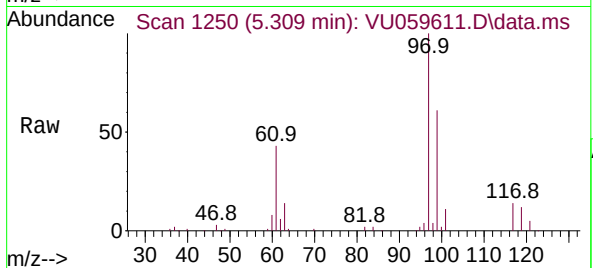
Tgt Ion: 97 Resp: 90497

Ion Ratio Lower Upper

97 100

99 62.3 51.8 77.6

61 43.1 37.4 56.2



#30

Cyclohexane

Concen: 4.787 ug/L

RT: 5.380 min Scan# 1272

Delta R.T. -0.000 min

Lab File: VU059611.D

Acq: 28 Jun 2024 10:57

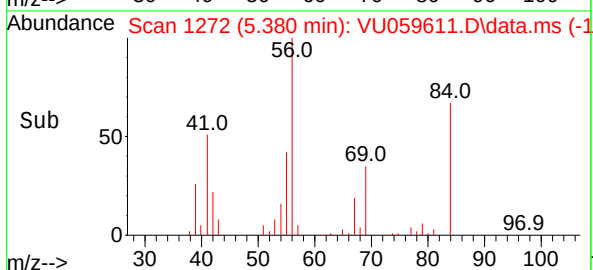
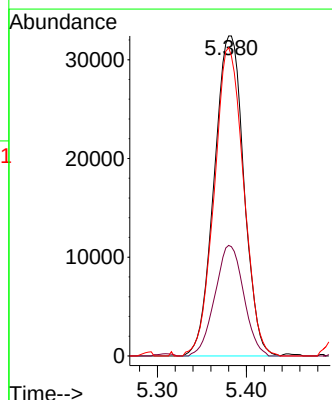
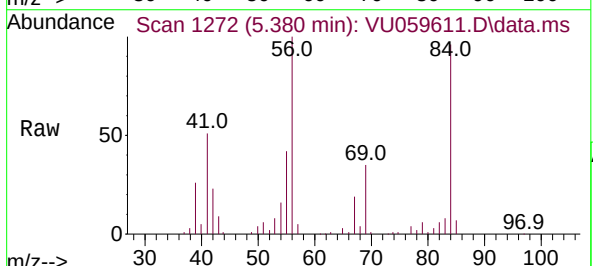
Tgt Ion: 56 Resp: 74994

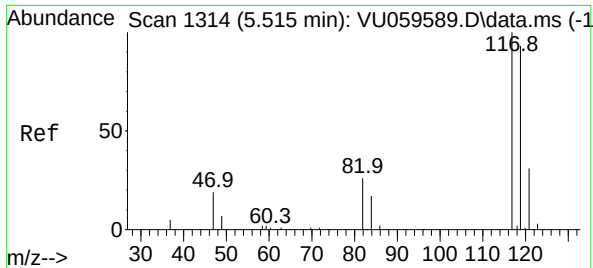
Ion Ratio Lower Upper

56 100

69 33.5 24.8 37.2

84 95.2 69.8 104.8

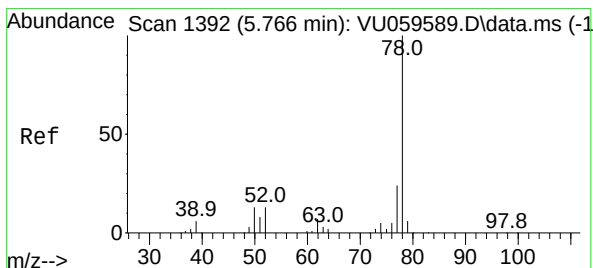
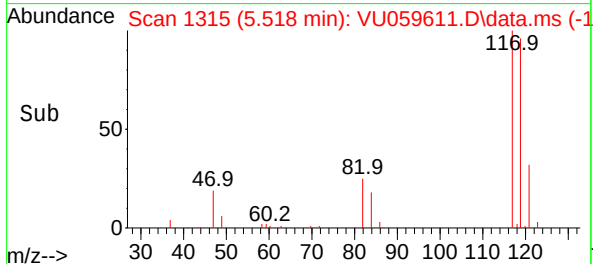
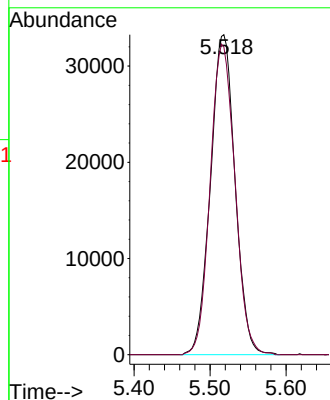
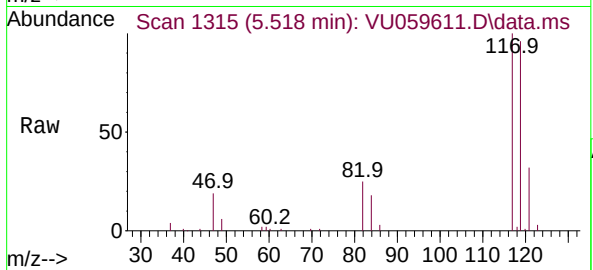




#31
Carbon tetrachloride
Concen: 5.023 ug/L
RT: 5.518 min Scan# 1314
Delta R.T. 0.003 min
Lab File: VU059611.D
Acq: 28 Jun 2024 10:57

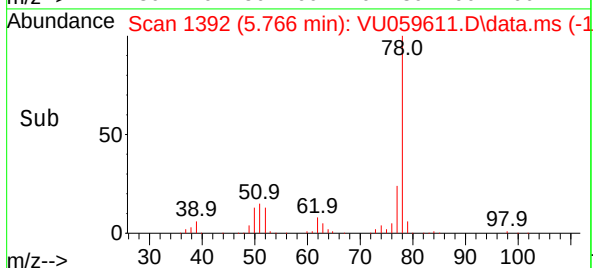
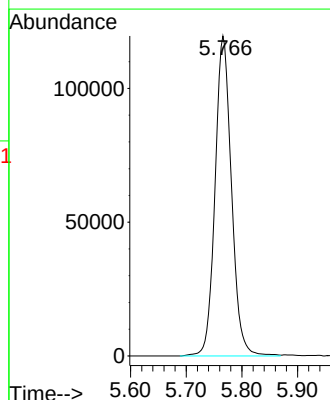
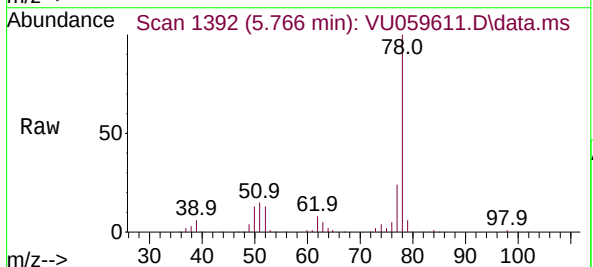
Instrument :
MSVOA_U
ClientSampleId :

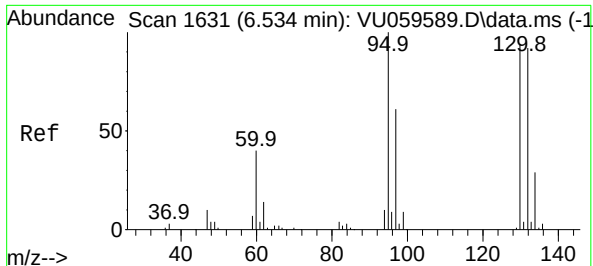
Tgt Ion:117 Resp: 74624
Ion Ratio Lower Upper
117 100
119 97.6 77.5 116.3



#33
Benzene
Concen: 5.257 ug/L
RT: 5.766 min Scan# 1392
Delta R.T. 0.000 min
Lab File: VU059611.D
Acq: 28 Jun 2024 10:57

Tgt Ion: 78 Resp: 245286

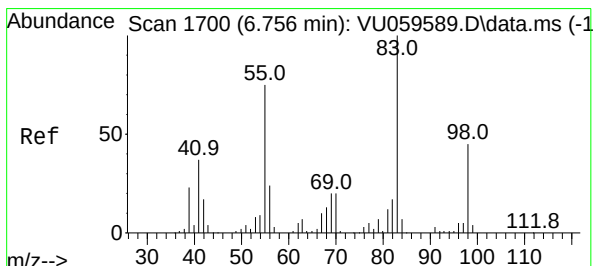
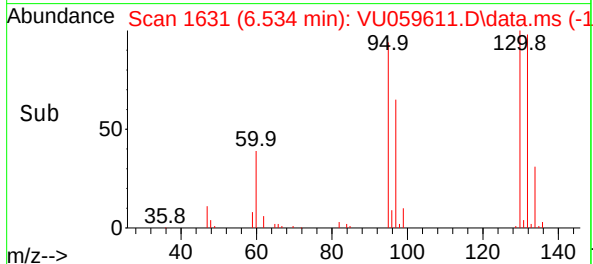
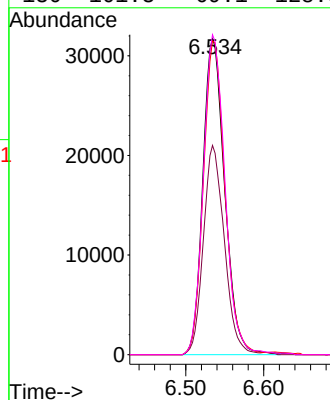
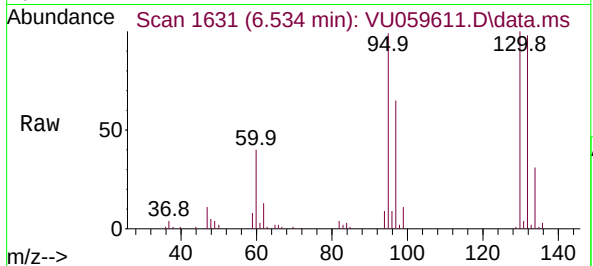




#34
Trichloroethene
Concen: 4.881 ug/L
RT: 6.534 min Scan# 1
Delta R.T. -0.000 min
Lab File: VU059611.D
Acq: 28 Jun 2024 10:57

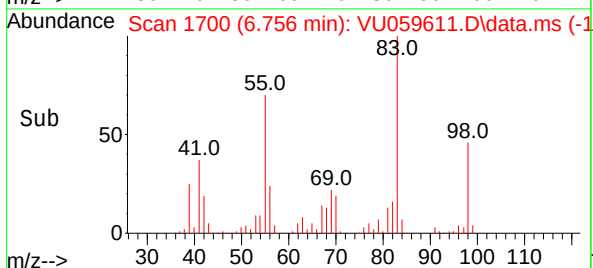
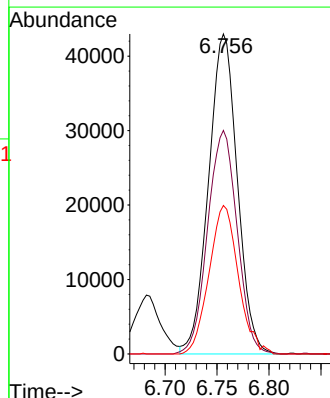
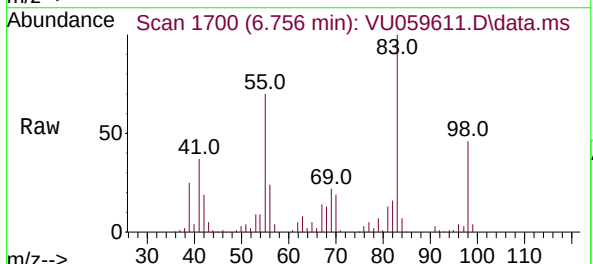
Instrument :
MSVOA_U
ClientSampleId :

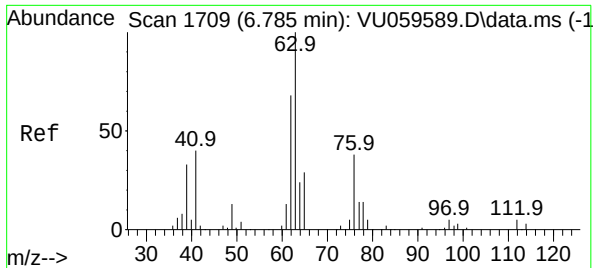
Tgt Ion: 95 Resp: 61676
Ion Ratio Lower Upper
95 100
97 66.2 45.3 84.1
132 99.3 64.0 119.0
130 101.3 69.1 128.3



#35
Methylcyclohexane
Concen: 4.601 ug/L
RT: 6.756 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VU059611.D
Acq: 28 Jun 2024 10:57

Tgt Ion: 83 Resp: 82741
Ion Ratio Lower Upper
83 100
55 71.7 62.7 94.1
98 47.3 35.4 53.0

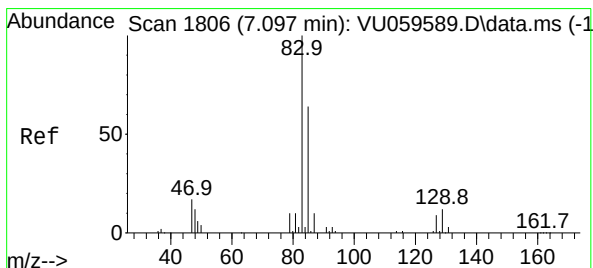
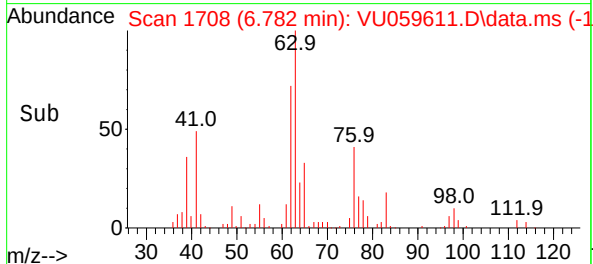
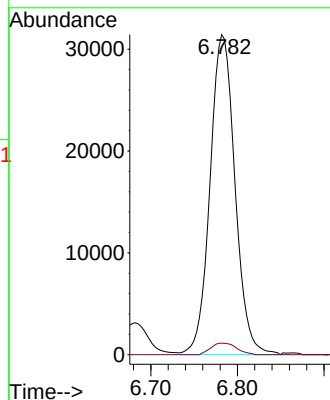
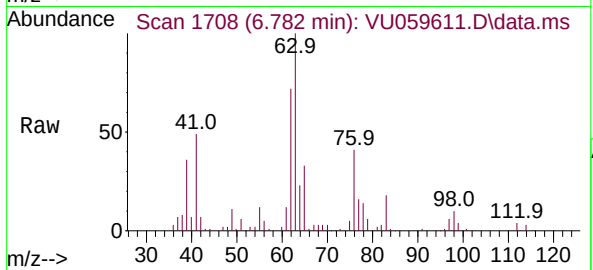




#37
1,2-Dichloropropane
Concen: 5.212 ug/L
RT: 6.782 min Scan# 1
Delta R.T. -0.003 min
Lab File: VU059611.D
Acq: 28 Jun 2024 10:57

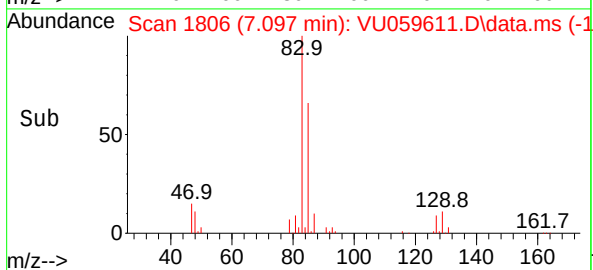
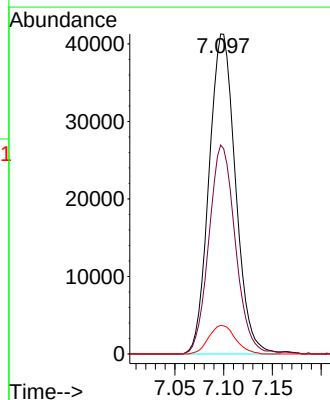
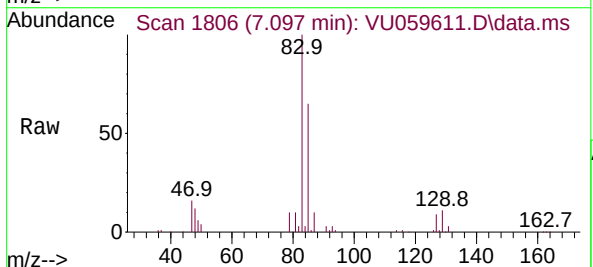
Instrument :
MSVOA_U
ClientSampleId :

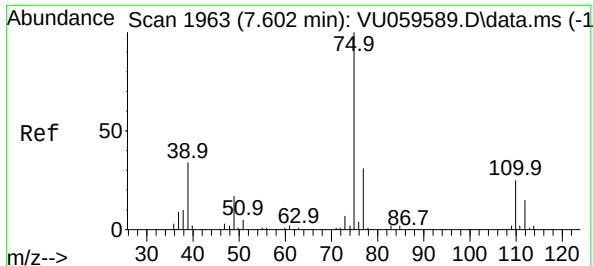
Tgt Ion: 63 Resp: 62944
Ion Ratio Lower Upper
63 100
112 3.7 2.6 3.8



#38
Bromodichloromethane
Concen: 5.165 ug/L
RT: 7.097 min Scan# 1806
Delta R.T. 0.000 min
Lab File: VU059611.D
Acq: 28 Jun 2024 10:57

Tgt Ion: 83 Resp: 77849
Ion Ratio Lower Upper
83 100
85 65.3 42.7 79.3
127 8.9 6.1 9.1

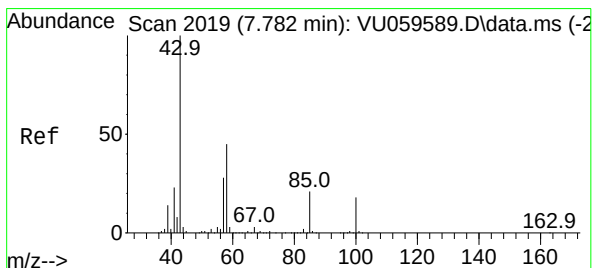
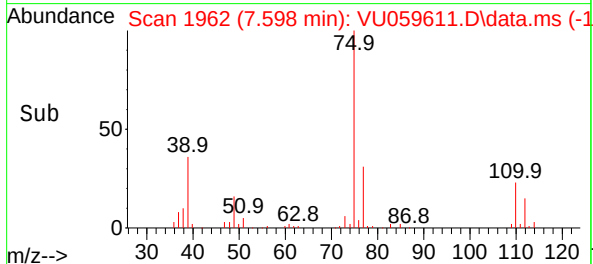
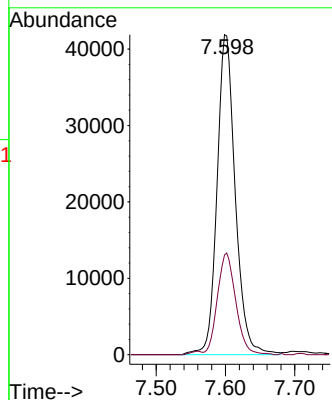
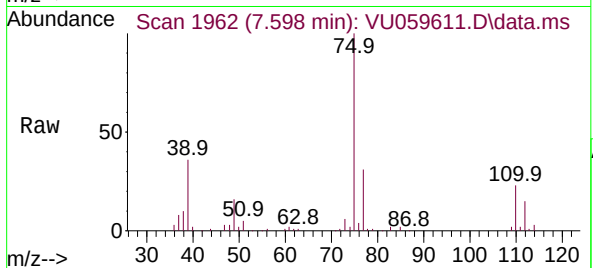




#39
 cis-1,3-Dichloropropene
 Concen: 4.645 ug/L
 RT: 7.598 min Scan# 1962
 Delta R.T. -0.003 min
 Lab File: VU059611.D
 Acq: 28 Jun 2024 10:57

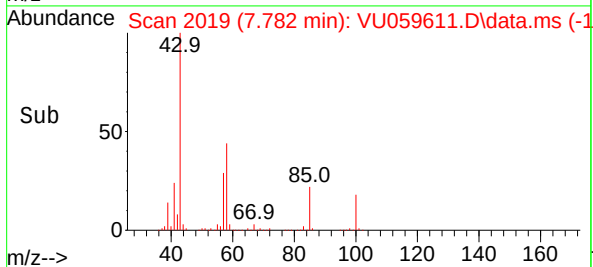
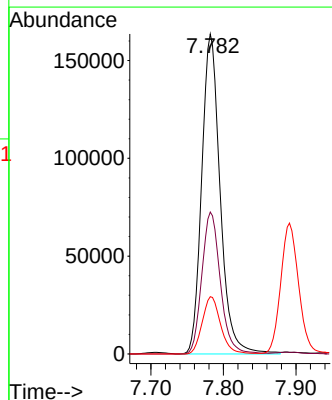
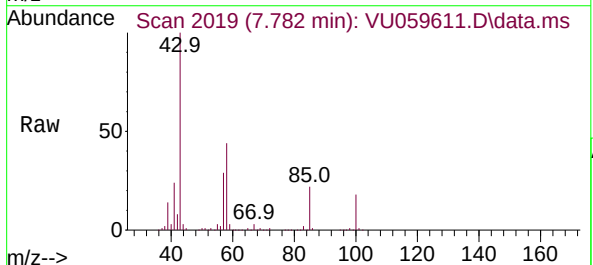
Instrument :
 MSVOA_U
 ClientSampleId :

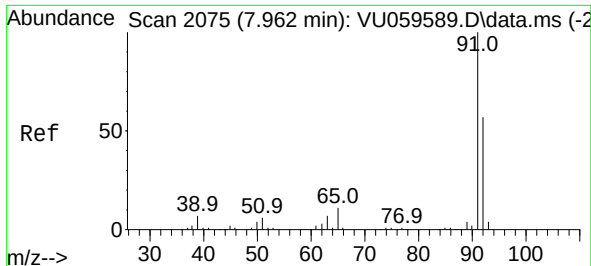
Tgt Ion: 75 Resp: 76703
 Ion Ratio Lower Upper
 75 100
 77 31.1 22.0 40.8



#40
 4-Methyl-2-pentanone
 Concen: 51.647 ug/L
 RT: 7.782 min Scan# 2019
 Delta R.T. -0.000 min
 Lab File: VU059611.D
 Acq: 28 Jun 2024 10:57

Tgt Ion: 43 Resp: 288993
 Ion Ratio Lower Upper
 43 100
 58 44.6 34.0 51.0
 100 17.9 12.1 18.1





#42

Toluene

Concen: 5.354 ug/L

RT: 7.962 min Scan# 2075

Delta R.T. 0.000 min

Lab File: VU059611.D

Acq: 28 Jun 2024 10:57

Instrument :

MSVOA_U

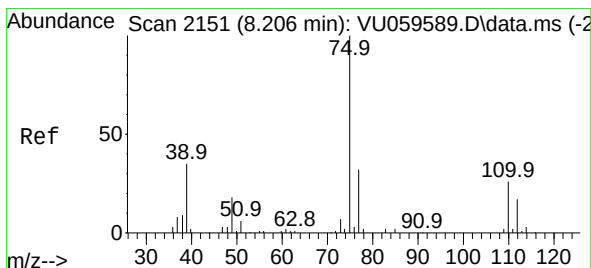
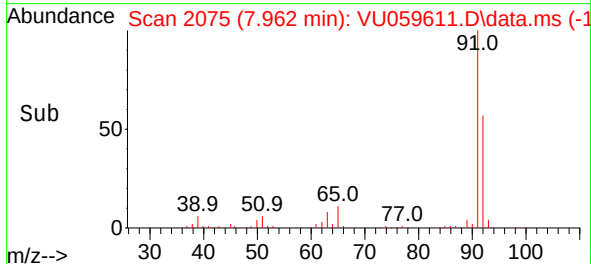
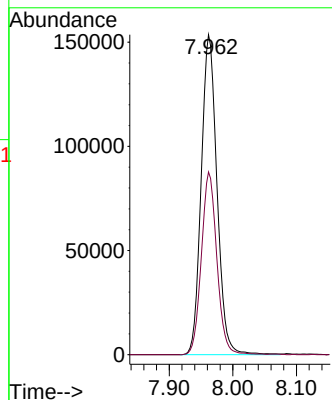
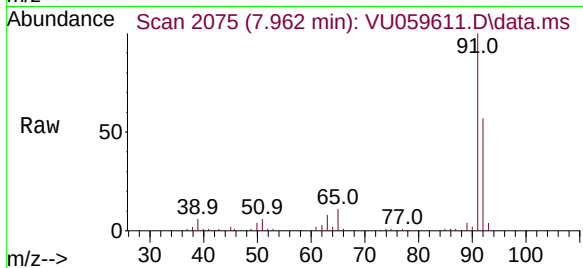
ClientSampleId :

Tgt Ion: 91 Resp: 264489

Ion Ratio Lower Upper

91 100

92 57.1 39.7 73.7



#44

trans-1,3-Dichloropropene

Concen: 4.708 ug/L

RT: 8.203 min Scan# 2150

Delta R.T. -0.003 min

Lab File: VU059611.D

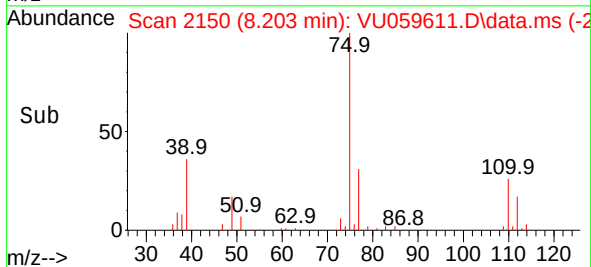
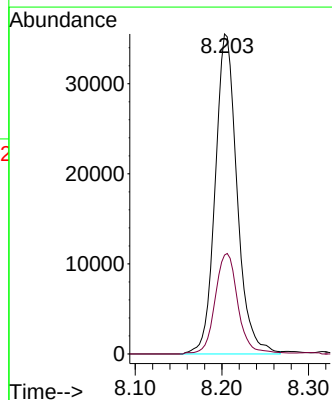
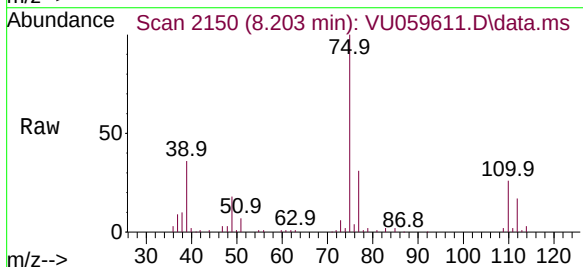
Acq: 28 Jun 2024 10:57

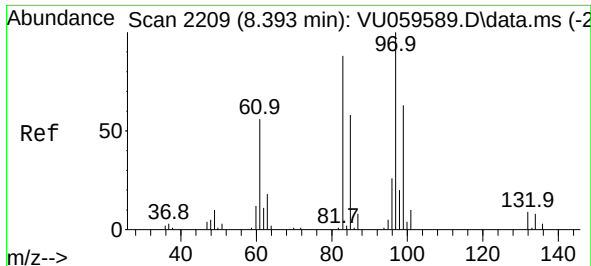
Tgt Ion: 75 Resp: 62400

Ion Ratio Lower Upper

75 100

77 30.9 22.0 41.0





#45

1,1,2-Trichloroethane

Concen: 5.413 ug/L

RT: 8.393 min Scan# 2209

Delta R.T. 0.000 min

Lab File: VU059611.D

Acq: 28 Jun 2024 10:57

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 97 Resp: 48164

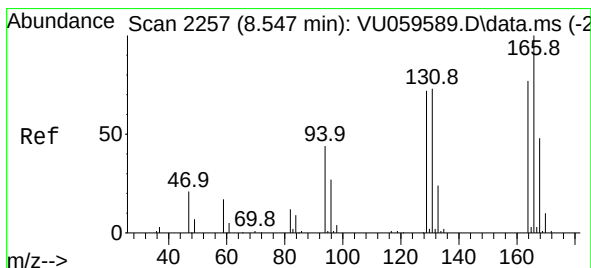
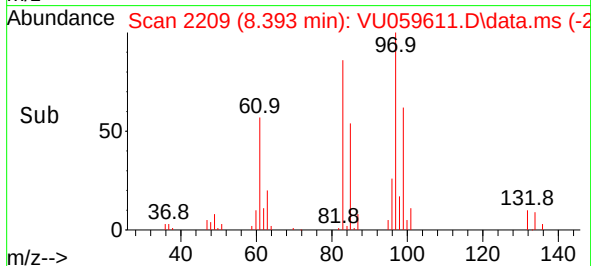
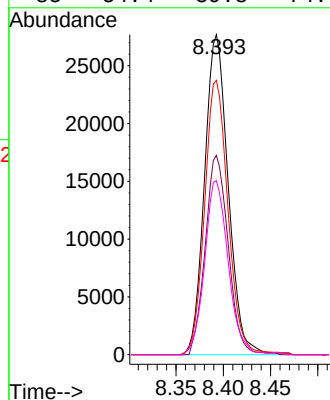
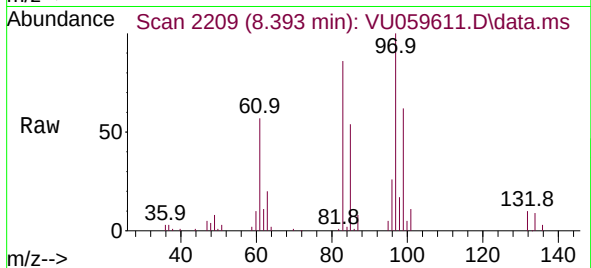
Ion Ratio Lower Upper

97 100

99 62.3 43.3 80.3

83 85.8 62.3 115.7

85 54.4 39.8 74.0



#47

Tetrachloroethene

Concen: 5.032 ug/L

RT: 8.547 min Scan# 2257

Delta R.T. 0.000 min

Lab File: VU059611.D

Acq: 28 Jun 2024 10:57

Tgt Ion:164 Resp: 49346

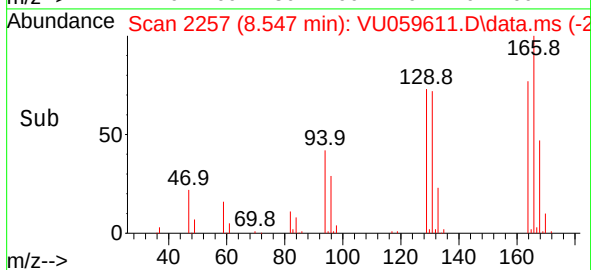
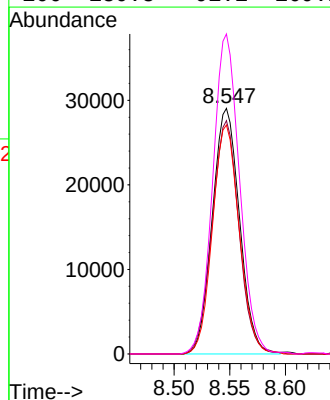
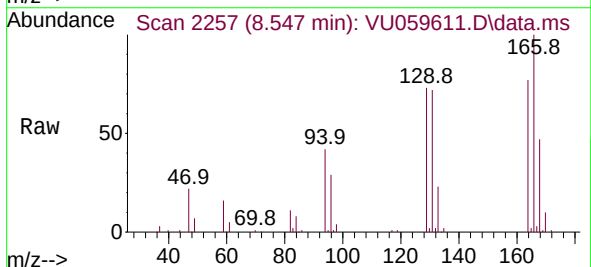
Ion Ratio Lower Upper

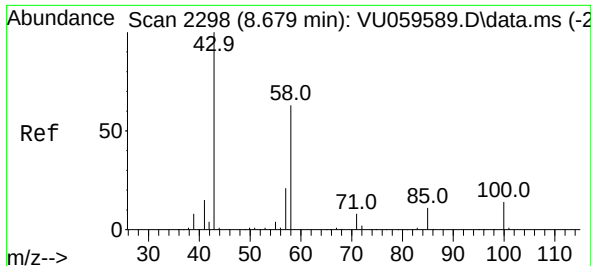
164 100

129 95.0 70.8 131.4

131 93.2 64.8 120.3

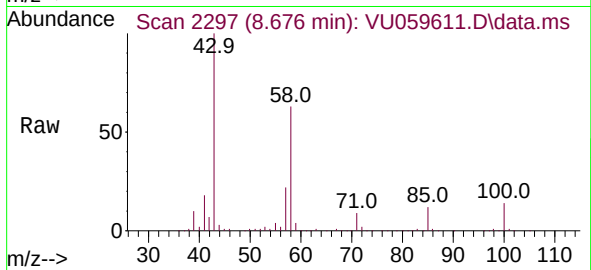
166 130.3 91.1 169.1



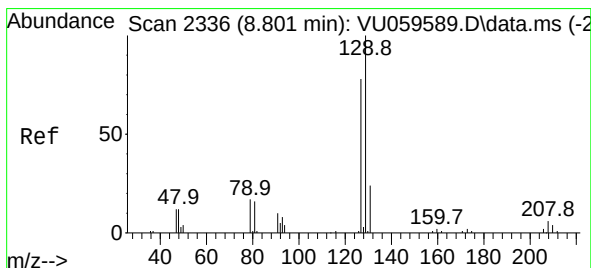
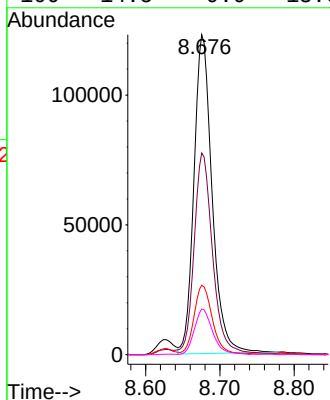
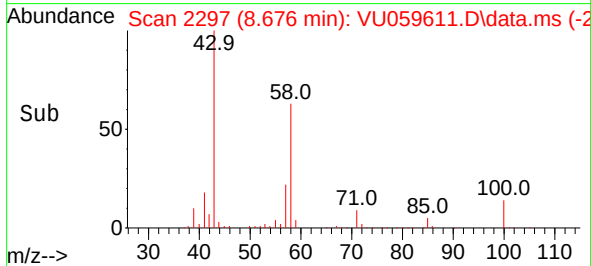


#48
2-Hexanone
Concen: 52.411 ug/L
RT: 8.676 min Scan# 2298
Delta R.T. -0.003 min
Lab File: VU059611.D
Acq: 28 Jun 2024 10:57

Instrument :
MSVOA_U
ClientSampleId :

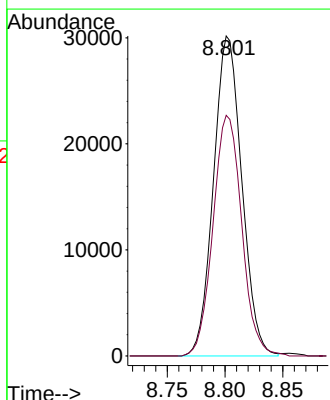
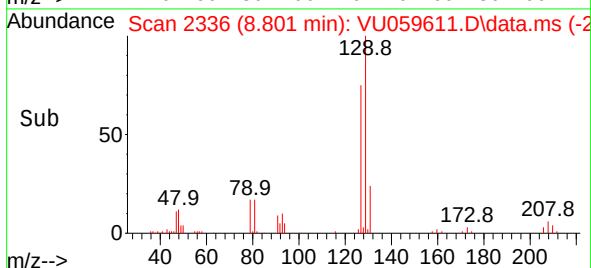
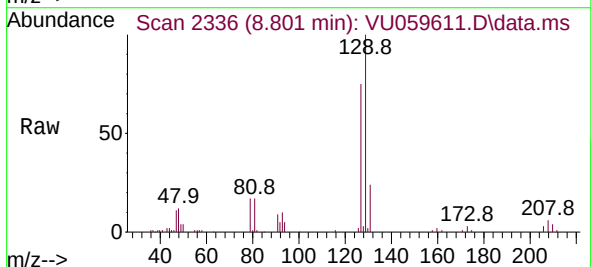


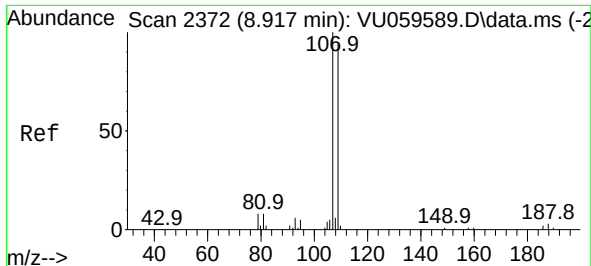
Tgt Ion: 43 Resp: 209302
Ion Ratio Lower Upper
43 100
58 64.5 46.1 69.1
57 21.9 15.5 23.3
100 14.5 9.0 13.6#



#49
Dibromochloromethane
Concen: 5.224 ug/L
RT: 8.801 min Scan# 2336
Delta R.T. -0.000 min
Lab File: VU059611.D
Acq: 28 Jun 2024 10:57

Tgt Ion: 129 Resp: 51491
Ion Ratio Lower Upper
129 100
127 75.2 52.5 97.5

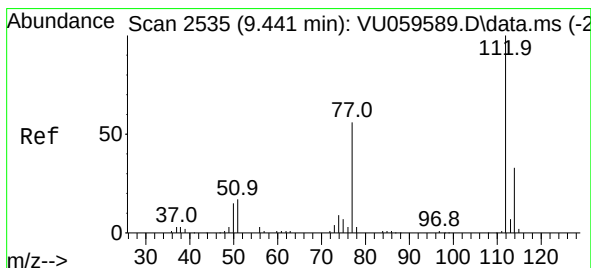
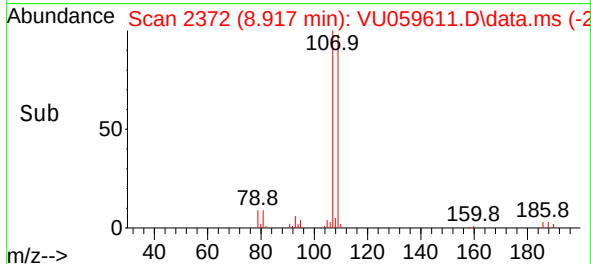
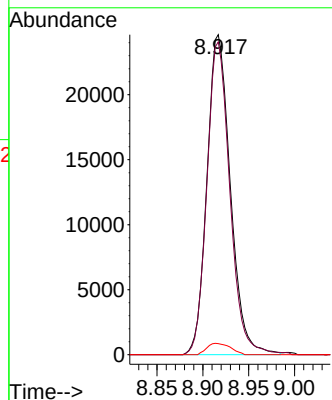
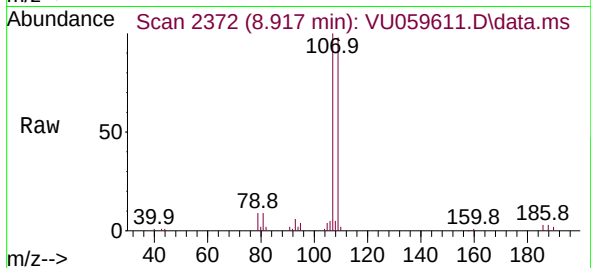




#50
1,2-Dibromoethane
Concen: 5.334 ug/L
RT: 8.917 min Scan# 2372
Delta R.T. 0.000 min
Lab File: VU059611.D
Acq: 28 Jun 2024 10:57

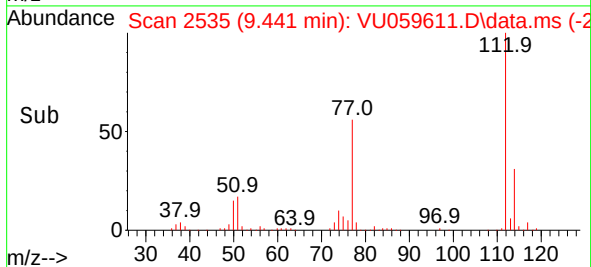
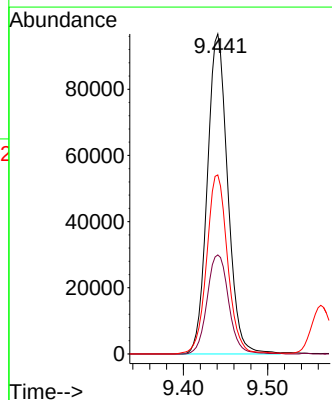
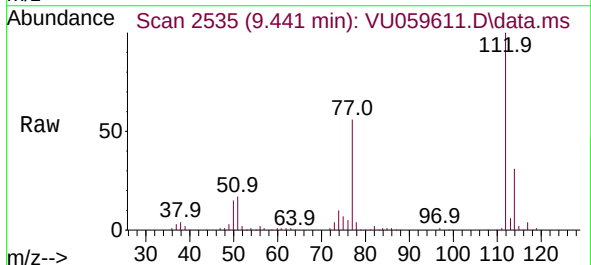
Instrument :
MSVOA_U
ClientSampleId :

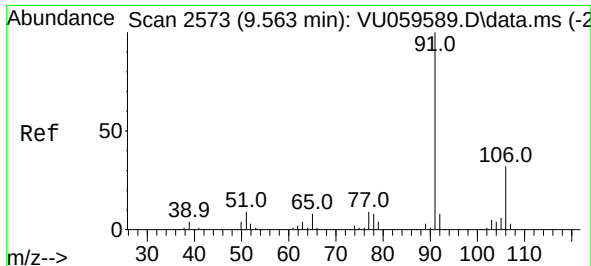
Tgt Ion:107 Resp: 43831
Ion Ratio Lower Upper
107 100
109 97.8 66.9 124.3
188 3.5 2.7 4.1



#51
Chlorobenzene
Concen: 5.198 ug/L
RT: 9.441 min Scan# 2535
Delta R.T. -0.000 min
Lab File: VU059611.D
Acq: 28 Jun 2024 10:57

Tgt Ion:112 Resp: 162878
Ion Ratio Lower Upper
112 100
114 31.0 22.4 41.6
77 55.9 49.1 73.7

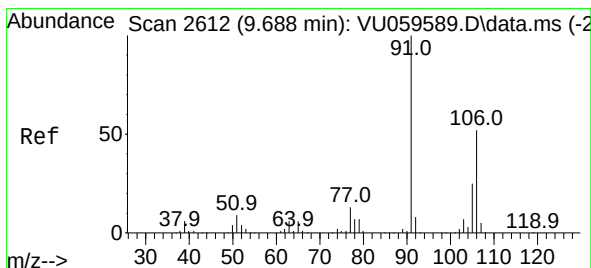
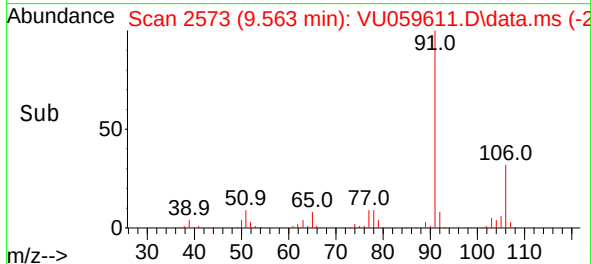
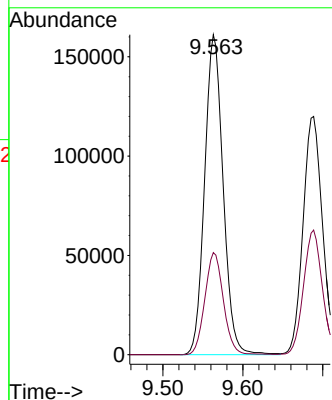
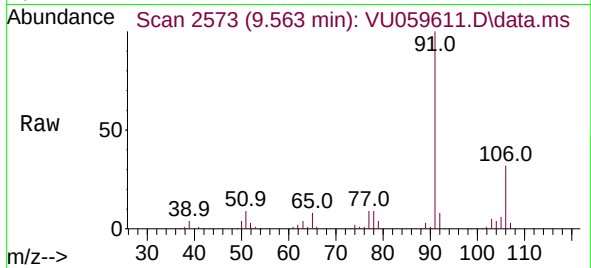




#52
Ethylbenzene
Concen: 5.118 ug/L
RT: 9.563 min Scan# 2573
Delta R.T. -0.000 min
Lab File: VU059611.D
Acq: 28 Jun 2024 10:57

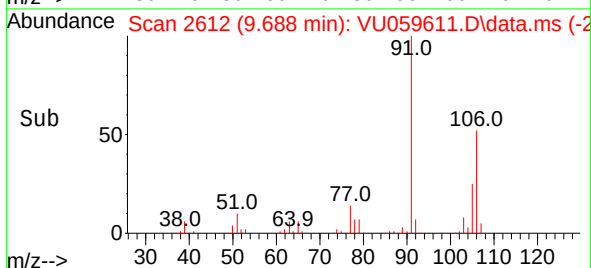
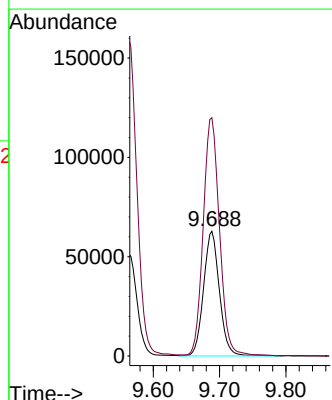
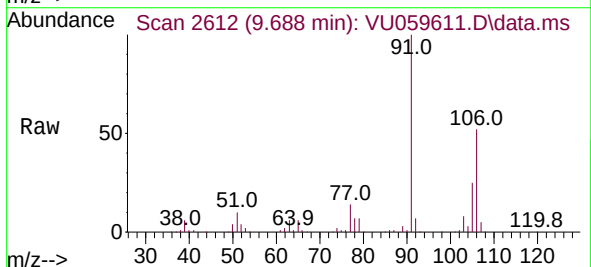
Instrument :
MSVOA_U
ClientSampleId :

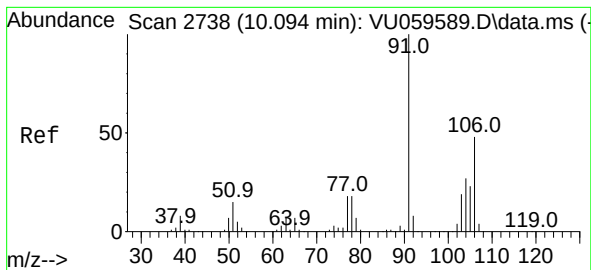
Tgt Ion: 91 Resp: 259371
Ion Ratio Lower Upper
91 100
106 31.9 20.9 38.7



#53
m,p-Xylene
Concen: 5.359 ug/L
RT: 9.688 min Scan# 2612
Delta R.T. 0.000 min
Lab File: VU059611.D
Acq: 28 Jun 2024 10:57

Tgt Ion:106 Resp: 104302
Ion Ratio Lower Upper
106 100
91 191.1 142.0 263.8





#54

o-Xylene

Concen: 5.253 ug/L

RT: 10.094 min Scan# 2738

Delta R.T. 0.000 min

Lab File: VU059611.D

Acq: 28 Jun 2024 10:57

Instrument :

MSVOA_U

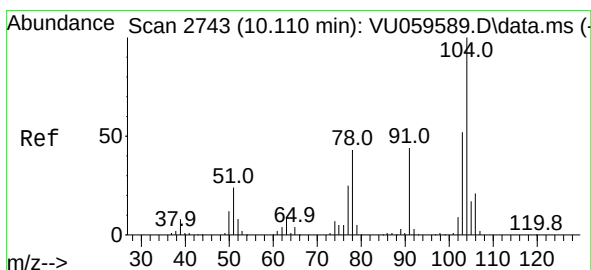
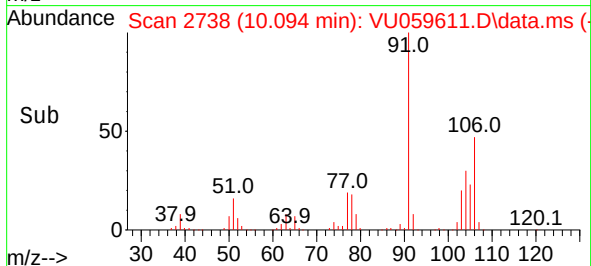
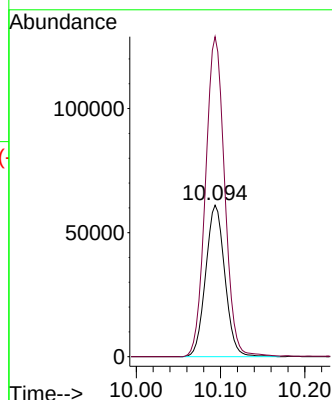
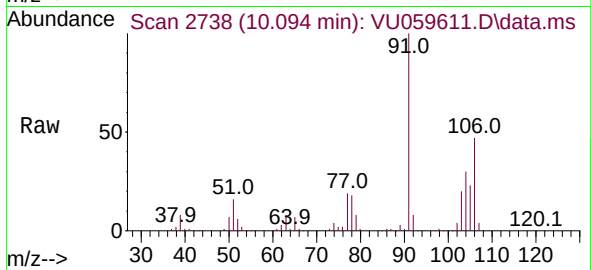
ClientSampleId :

Tgt Ion:106 Resp: 97039

Ion Ratio Lower Upper

106 100

91 211.1 151.6 281.6



#55

Styrene

Concen: 5.273 ug/L

RT: 10.110 min Scan# 2743

Delta R.T. -0.000 min

Lab File: VU059611.D

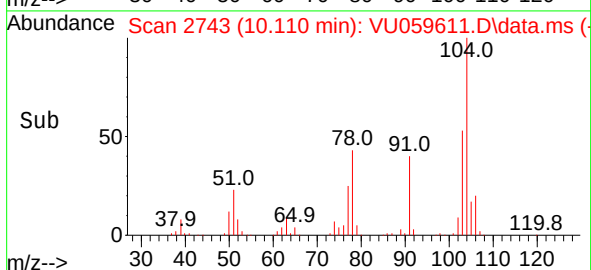
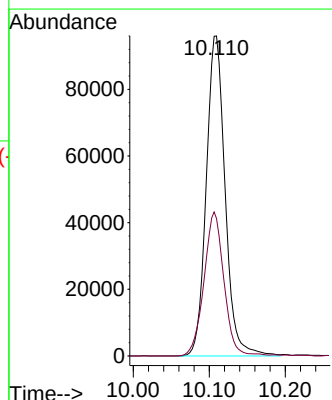
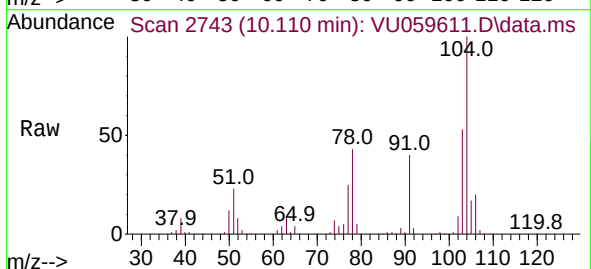
Acq: 28 Jun 2024 10:57

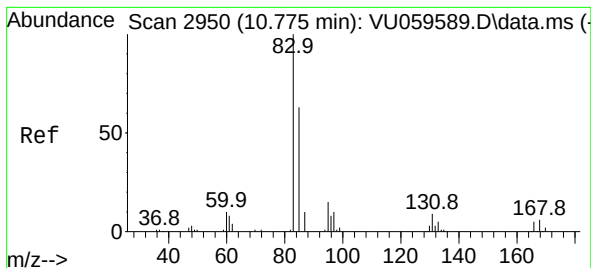
Tgt Ion:104 Resp: 165807

Ion Ratio Lower Upper

104 100

78 42.9 32.3 60.1





#57

1,1,2,2-Tetrachloroethane

Concen: 5.380 ug/L

RT: 10.775 min Scan# 2950

Delta R.T. -0.000 min

Lab File: VU059611.D

Acq: 28 Jun 2024 10:57

Instrument :

MSVOA_U

ClientSampleId :

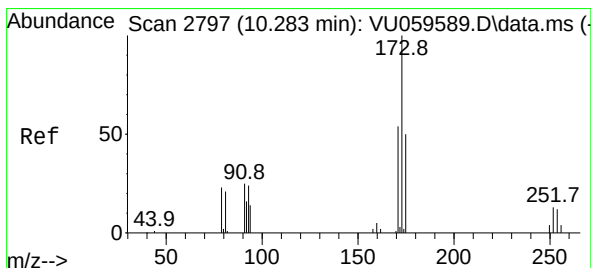
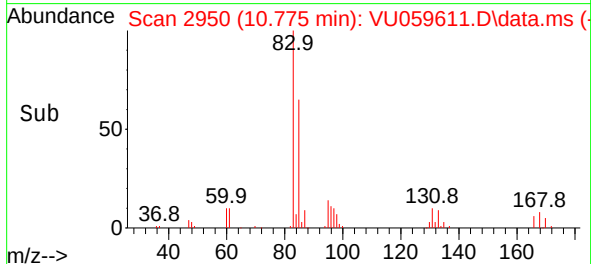
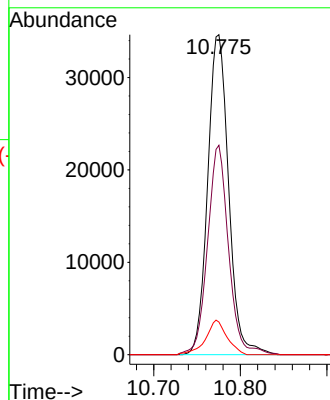
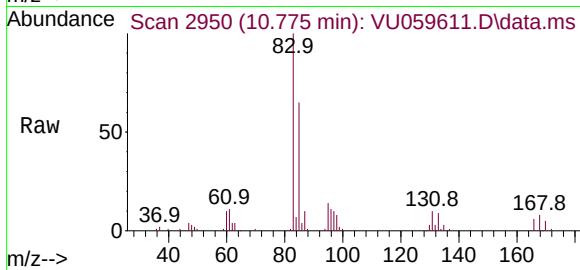
Tgt Ion: 83 Resp: 58081

Ion Ratio Lower Upper

83 100

85 65.5 44.7 82.9

131 10.2 6.9 10.3



#59

Bromoform

Concen: 5.108 ug/L

RT: 10.283 min Scan# 2797

Delta R.T. 0.000 min

Lab File: VU059611.D

Acq: 28 Jun 2024 10:57

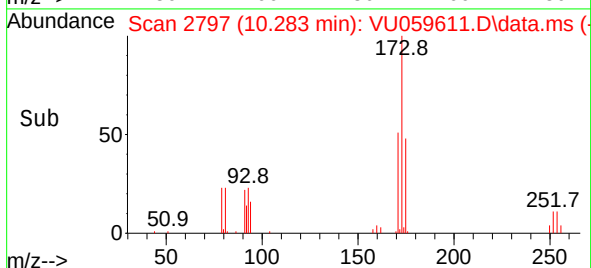
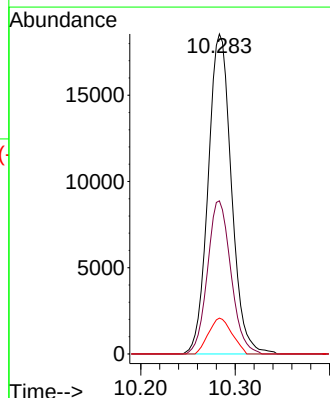
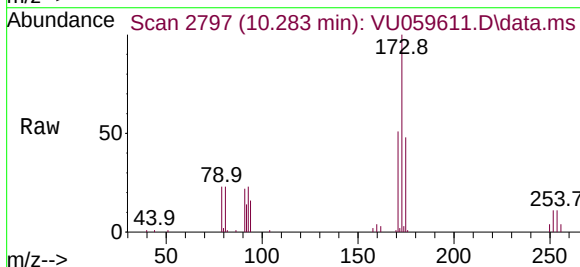
Tgt Ion:173 Resp: 31712

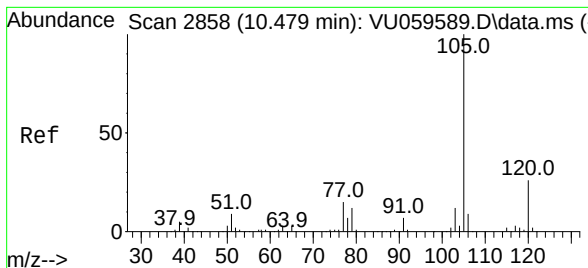
Ion Ratio Lower Upper

173 100

175 48.2 39.4 59.2

254 11.2 7.4 11.2#





#60

Isopropylbenzene

Concen: 5.065 ug/L

RT: 10.476 min Scan# 2857

Delta R.T. -0.003 min

Lab File: VU059611.D

Acq: 28 Jun 2024 10:57

Instrument :

MSVOA_U

ClientSampleId :

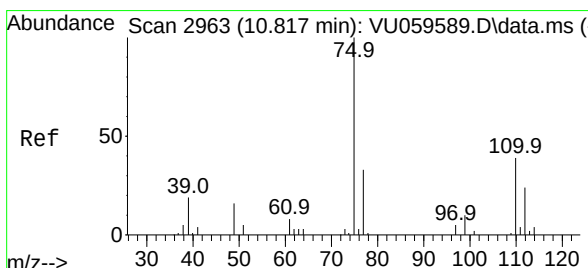
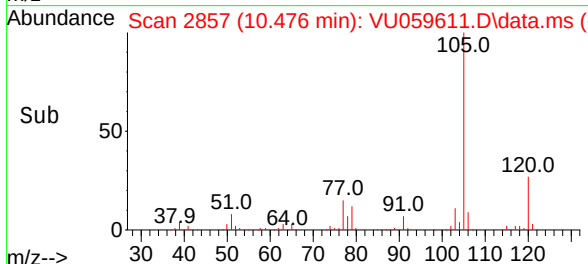
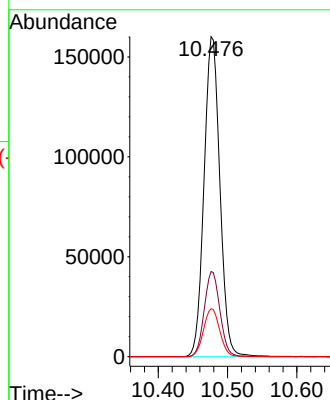
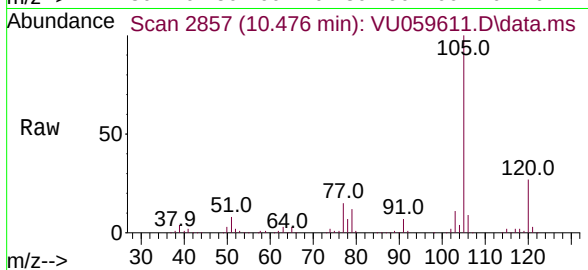
Tgt Ion:105 Resp: 253798

Ion Ratio Lower Upper

105 100

120 26.3 20.6 31.0

77 15.3 12.8 19.2



#61

1,2,3-Trichloropropane

Concen: 5.048 ug/L

RT: 10.814 min Scan# 2962

Delta R.T. -0.003 min

Lab File: VU059611.D

Acq: 28 Jun 2024 10:57

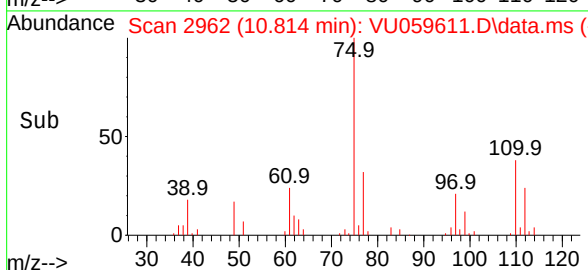
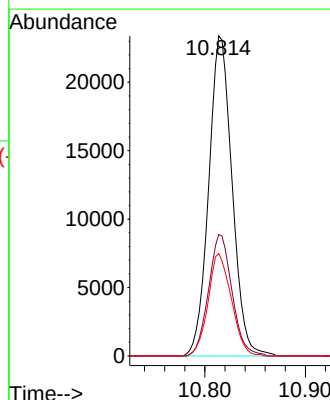
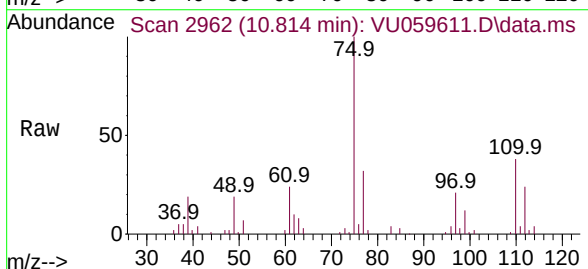
Tgt Ion: 75 Resp: 37838

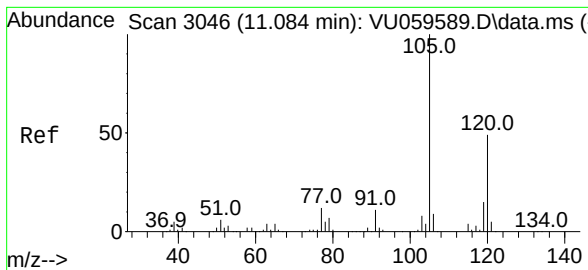
Ion Ratio Lower Upper

75 100

110 38.1 27.1 40.7

77 31.8 25.4 38.2

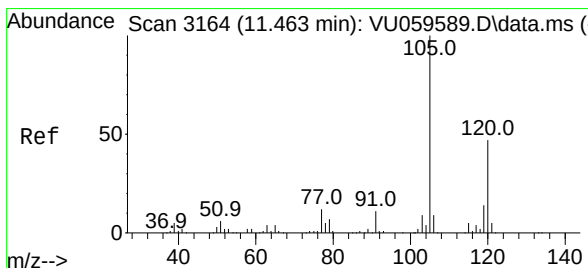
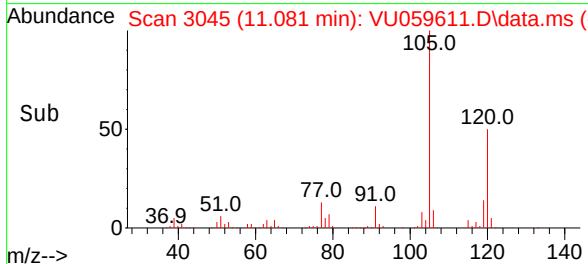
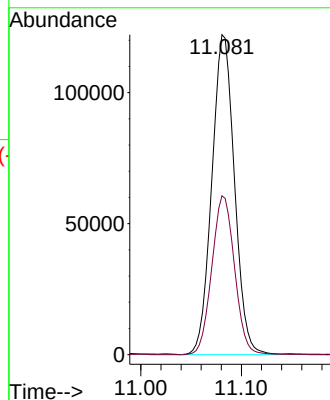
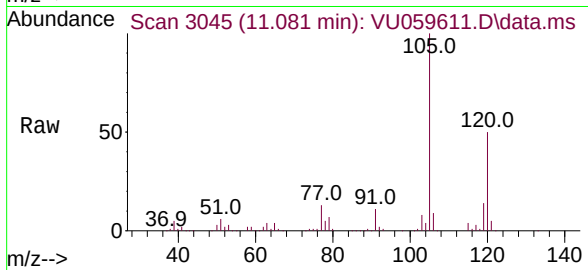




#62
1,3,5-Trimethylbenzene
Concen: 4.815 ug/L
RT: 11.081 min Scan# 3046
Delta R.T. -0.003 min
Lab File: VU059611.D
Acq: 28 Jun 2024 10:57

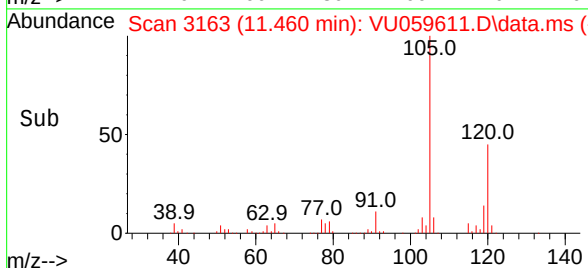
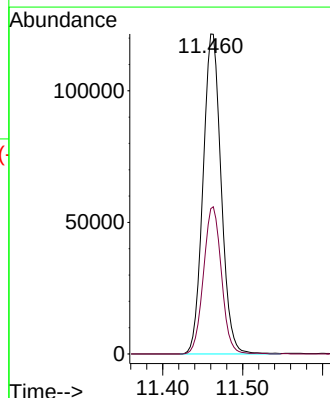
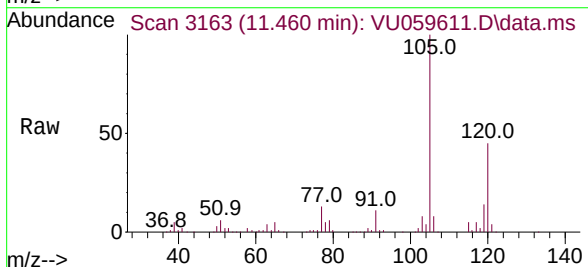
Instrument :
MSVOA_U
ClientSampleId :

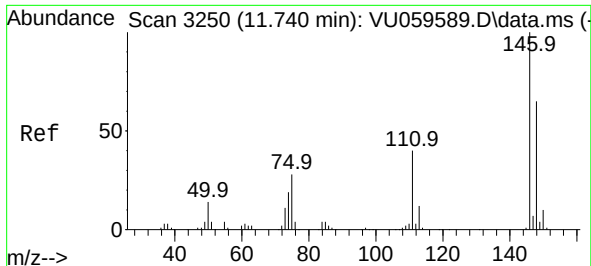
Tgt Ion:105 Resp: 191146
Ion Ratio Lower Upper
105 100
120 49.8 38.2 57.4



#63
1,2,4-Trimethylbenzene
Concen: 5.051 ug/L
RT: 11.460 min Scan# 3163
Delta R.T. -0.003 min
Lab File: VU059611.D
Acq: 28 Jun 2024 10:57

Tgt Ion:105 Resp: 191720
Ion Ratio Lower Upper
105 100
120 45.5 35.4 53.0





#64

1,3-Dichlorobenzene

Concen: 5.165 ug/L

RT: 11.740 min Scan# 3250

Delta R.T. 0.000 min

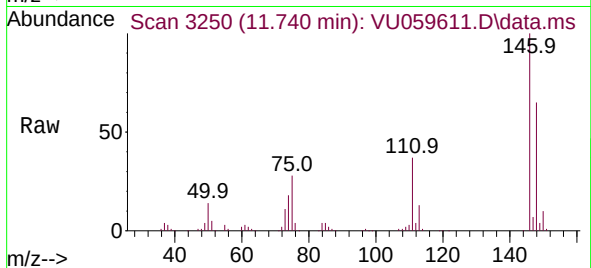
Lab File: VU059611.D

Acq: 28 Jun 2024 10:57

Instrument :

MSVOA_U

ClientSampleId :



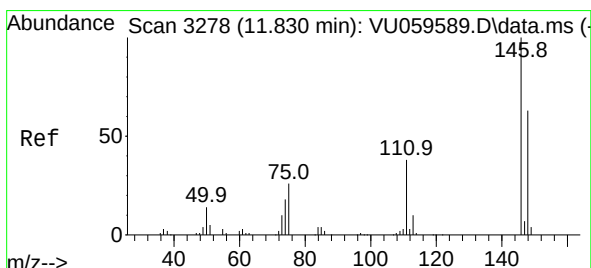
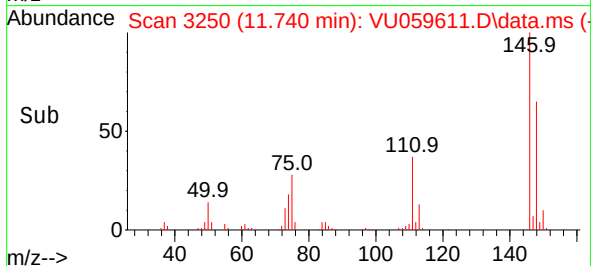
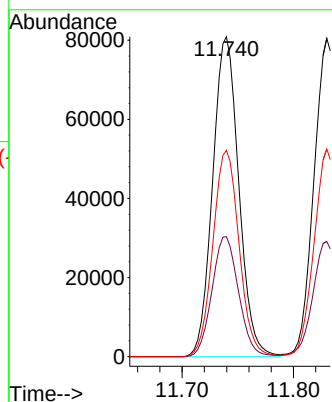
Tgt Ion:146 Resp: 131627

Ion Ratio Lower Upper

146 100

111 37.5 27.4 51.0

148 64.5 45.0 83.6



#65

1,4-Dichlorobenzene

Concen: 4.976 ug/L

RT: 11.830 min Scan# 3278

Delta R.T. 0.000 min

Lab File: VU059611.D

Acq: 28 Jun 2024 10:57

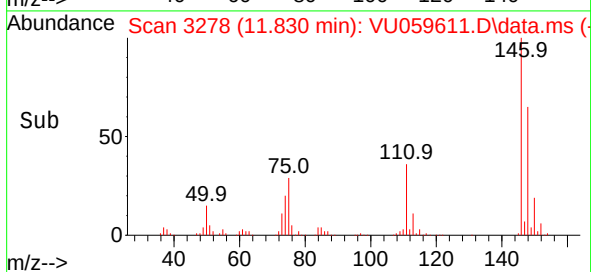
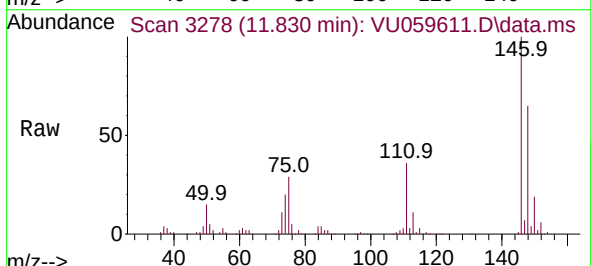
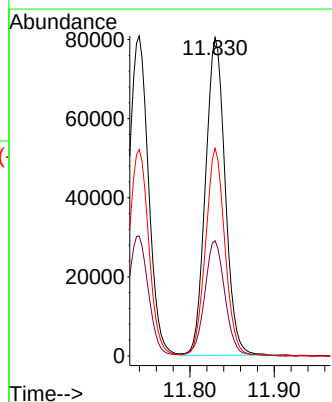
Tgt Ion:146 Resp: 130541

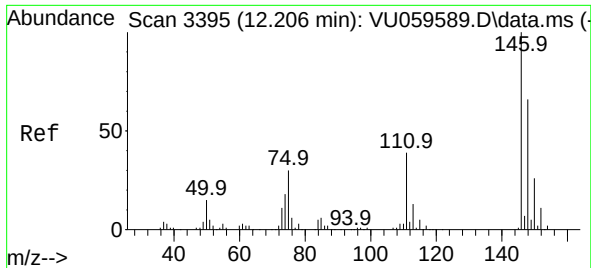
Ion Ratio Lower Upper

146 100

111 36.2 26.9 50.1

148 65.2 45.3 84.1





#67

1,2-Dichlorobenzene

Concen: 5.083 ug/L

RT: 12.206 min Scan# 3395

Delta R.T. 0.000 min

Lab File: VU059611.D

Acq: 28 Jun 2024 10:57

Instrument :

MSVOA_U

ClientSampleId :

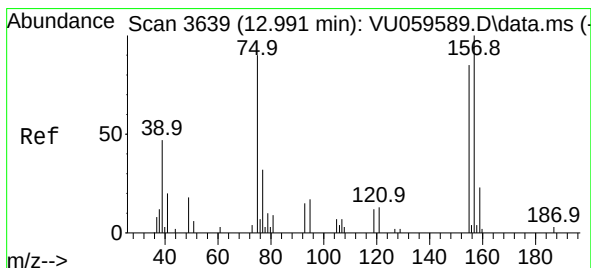
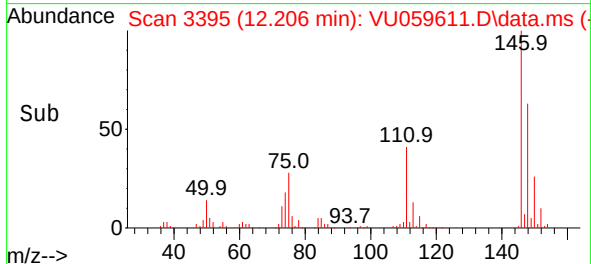
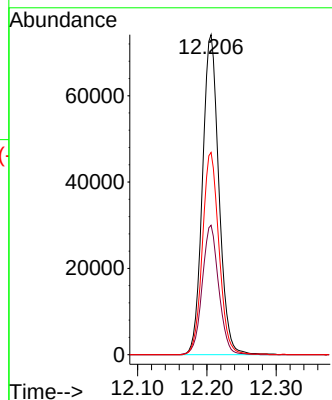
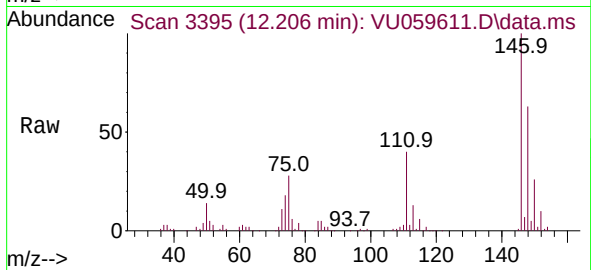
Tgt Ion:146 Resp: 121914

Ion Ratio Lower Upper

146 100

111 40.4 33.4 50.0

148 63.2 49.7 74.5



#68

1,2-Dibromo-3-chloropropane

Concen: 5.164 ug/L

RT: 12.991 min Scan# 3639

Delta R.T. -0.000 min

Lab File: VU059611.D

Acq: 28 Jun 2024 10:57

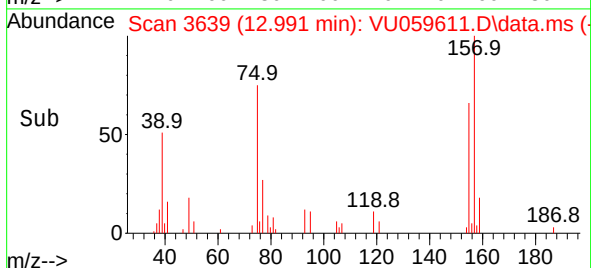
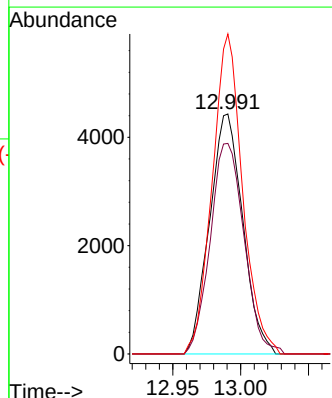
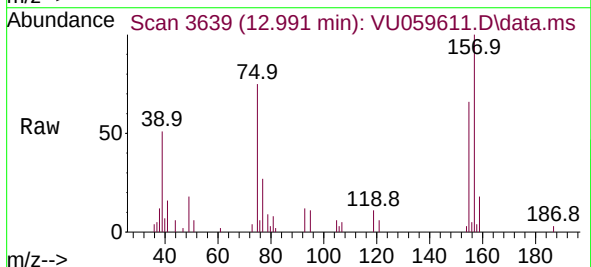
Tgt Ion: 75 Resp: 7551

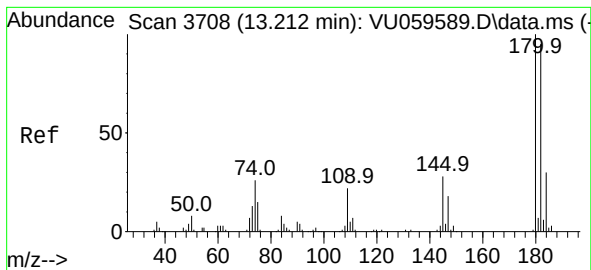
Ion Ratio Lower Upper

75 100

155 87.7 58.2 87.2#

157 133.3 80.0 120.0#





#69

1,3,5-Trichlorobenzene

Concen: 4.799 ug/L

RT: 13.212 min Scan# 31

Delta R.T. -0.000 min

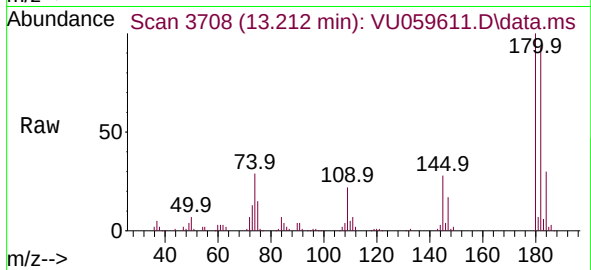
Lab File: VU059611.D

Acq: 28 Jun 2024 10:57

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:180 Resp: 90540

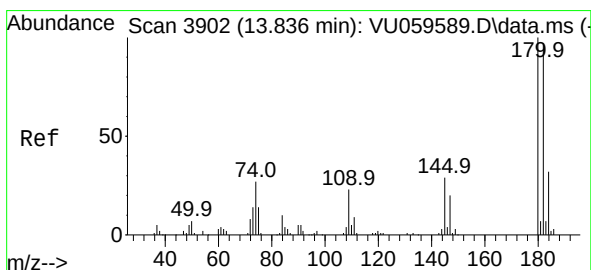
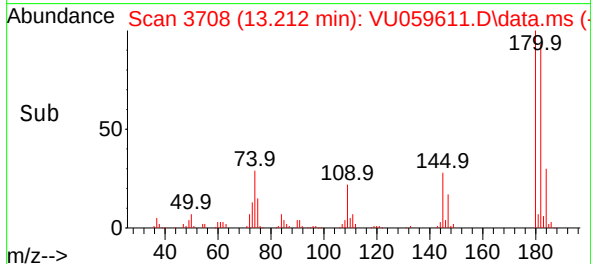
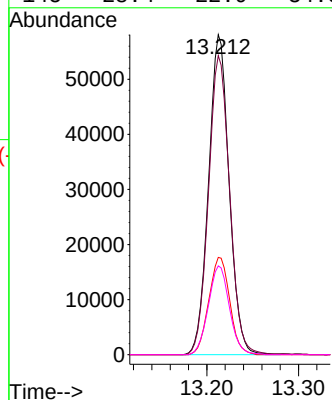
Ion Ratio Lower Upper

180 100

182 96.2 75.4 113.0

184 30.9 23.0 34.6

145 28.4 22.9 34.3



#70

1,2,4-trichlorobenzene

Concen: 4.896 ug/L

RT: 13.833 min Scan# 3901

Delta R.T. -0.003 min

Lab File: VU059611.D

Acq: 28 Jun 2024 10:57

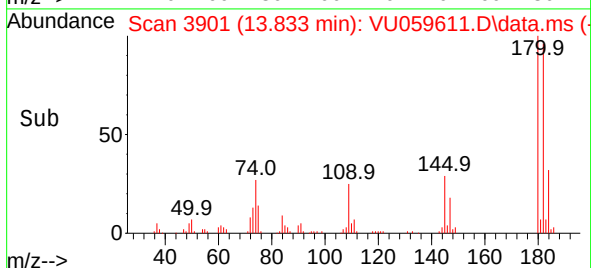
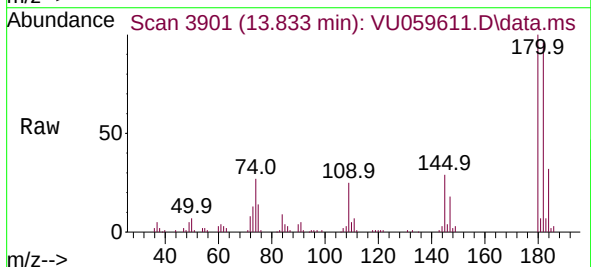
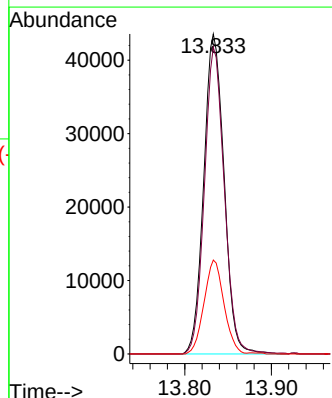
Tgt Ion:180 Resp: 70862

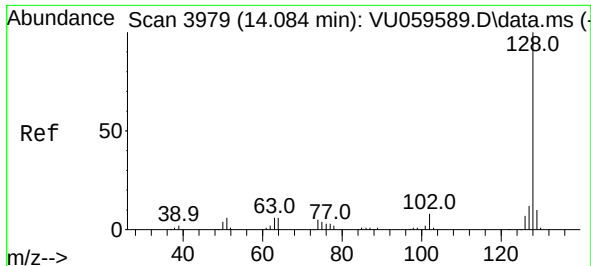
Ion Ratio Lower Upper

180 100

182 94.2 74.9 112.3

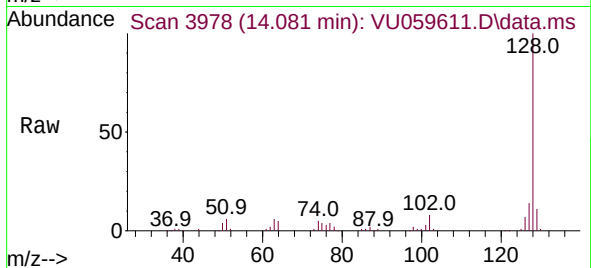
145 28.8 23.9 35.9



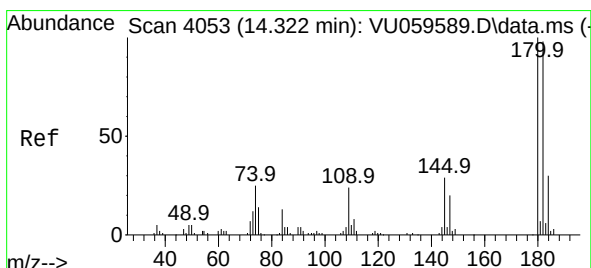
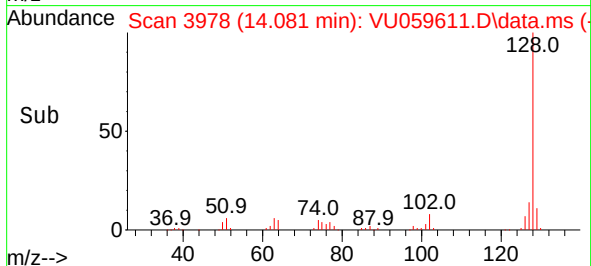
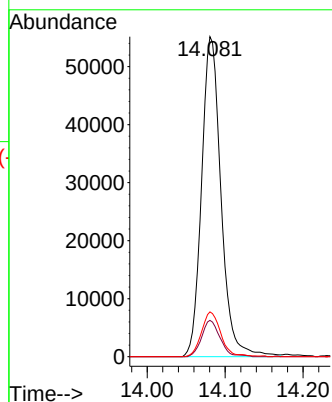


#71
Naphthalene
Concen: 4.614 ug/L
RT: 14.081 min Scan# 3979
Delta R.T. -0.003 min
Lab File: VU059611.D
Acq: 28 Jun 2024 10:57

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:128 Resp: 95576
Ion Ratio Lower Upper
128 100
129 10.7 8.2 12.4
127 13.9 10.2 15.4



#72
1,2,3-Trichlorobenzene
Concen: 4.956 ug/L
RT: 14.322 min Scan# 4053
Delta R.T. -0.000 min
Lab File: VU059611.D
Acq: 28 Jun 2024 10:57

Tgt Ion:180 Resp: 66598
Ion Ratio Lower Upper
180 100
182 95.5 77.0 115.6
145 30.2 26.2 39.4

