

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062924\
 Data File : VU059639.D
 Acq On : 28 Jun 2024 22:38
 Operator : MD/SY
 Sample : P3059-05MSD
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jun 29 00:02:11 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Jun 28 23:55:24 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	149041	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	151296	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	82028	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	34477	3.327	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	66.600%
7) Chloroethane-d5	1.907	69	38980	3.909	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	78.200%
11) 1,1-Dichloroethene-d2	2.560	65	15968	3.714	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	74.200%
20) 2-Butanone-d5	4.618	46	122003	57.151	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	114.300%
24) Chloroform-d	5.052	84	95982	4.512	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.200%
26) 1,2-Dichloroethane-d4	5.692	65	47213	4.608	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.200%
32) Benzene-d6	5.721	84	186902	4.489	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.800%
36) 1,2-Dichloropropane-d6	6.682	67	58886	4.615	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.400%
41) Toluene-d8	7.891	98	174482	4.507	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.200%
43) trans-1,3-Dichloroprop...	8.174	79	18730	4.688	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.800%
46) 2-Hexanone-d5	8.624	63	104709	63.075	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	126.140%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	55743	5.288	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	105.800%
66) 1,2-Dichlorobenzene-d4	12.187	152	67510	4.624	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.380	85	58310	4.617	ug/L	100
3) Chloromethane	1.515	50	66400	4.885	ug/L	99
5) Vinyl chloride	1.599	62	73653	4.905	ug/L	100
6) Bromomethane	1.853	94	43914	4.206	ug/L	95
8) Chloroethane	1.927	64	48115	5.318	ug/L	97
9) Trichlorofluoromethane	2.132	101	91528	5.064	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	57052	4.986	ug/L	93
12) 1,1-Dichloroethene	2.573	96	53207	5.033	ug/L	84
13) Acetone	2.447	43	1054527	761.511	ug/L	48
14) Carbon disulfide	2.785	76	180147	5.108	ug/L	99
15) Methyl Acetate	2.804	43	5672741	1552.341	ug/L #	52
16) Methylene chloride	3.036	84	62509	4.990	ug/L	91
17) Methyl tert-butyl Ether	3.354	73	131222	5.761	ug/L	98
18) trans-1,2-Dichloroethene	3.345	96	57517	5.232	ug/L	90
19) 1,1-Dichloroethane	3.859	63	106010	5.229	ug/L	97
21) 2-Butanone	4.695	43	133616	60.157	ug/L	89
22) cis-1,2-Dichloroethene	4.656	96	64747	5.343	ug/L	94
23) Bromochloromethane	4.965	128	30202	5.467	ug/L	88
25) Chloroform	5.078	83	110812	5.190	ug/L	100

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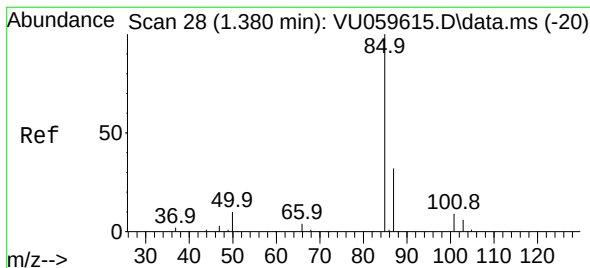
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.788	62	69270	5.354	ug/L	98
29) 1,1,1-Trichloroethane	5.306	97	91112	5.215	ug/L	98
30) Cyclohexane	5.380	56	76075	4.932	ug/L	91
31) Carbon tetrachloride	5.515	117	75174	5.139	ug/L	99
33) Benzene	5.766	78	245873	5.351	ug/L	100
34) Trichloroethene	6.534	95	65285	5.247	ug/L	96
35) Methylcyclohexane	6.756	83	85722	4.842	ug/L	95
37) 1,2-Dichloropropane	6.782	63	68358	5.749	ug/L #	97
38) Bromodichloromethane	7.097	83	79216	5.338	ug/L #	95
39) cis-1,3-Dichloropropene	7.602	75	84720	5.210	ug/L	99
40) 4-Methyl-2-pentanone	7.782	43	337826	61.318	ug/L #	93
42) Toluene	7.962	91	270325	5.557	ug/L	100
44) trans-1,3-Dichloropropene	8.203	75	70692	5.417	ug/L	100
45) 1,1,2-Trichloroethane	8.393	97	51461	5.874	ug/L	98
47) Tetrachloroethene	8.547	164	60791	6.296	ug/L	98
48) 2-Hexanone	8.676	43	253517	64.476	ug/L	93
49) Dibromochloromethane	8.801	129	55231	5.691	ug/L	99
50) 1,2-Dibromoethane	8.917	107	48494	5.993	ug/L	99
51) Chlorobenzene	9.441	112	167723	5.437	ug/L	96
52) Ethylbenzene	9.563	91	263454	5.280	ug/L	96
53) m,p-Xylene	9.688	106	105460	5.503	ug/L	98
54) o-Xylene	10.094	106	99612	5.477	ug/L	95
55) Styrene	10.110	104	176368	5.696	ug/L	95
57) 1,1,2,2-Tetrachloroethane	10.775	83	64350	6.054	ug/L	99
59) Bromoform	10.283	173	34885	5.557	ug/L	98
60) Isopropylbenzene	10.476	105	260959	5.150	ug/L	98
61) 1,2,3-Trichloropropane	10.814	75	43022	5.675	ug/L	96
62) 1,3,5-Trimethylbenzene	11.081	105	199599	4.972	ug/L	98
63) 1,2,4-Trimethylbenzene	11.463	105	199561	5.200	ug/L	97
64) 1,3-Dichlorobenzene	11.740	146	136068	5.280	ug/L	99
65) 1,4-Dichlorobenzene	11.830	146	137593	5.187	ug/L	97
67) 1,2-Dichlorobenzene	12.206	146	130637	5.386	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.990	75	9410	6.364	ug/L	90
69) 1,3,5-Trichlorobenzene	13.212	180	99843	5.234	ug/L	99
70) 1,2,4-trichlorobenzene	13.833	180	80853	5.525	ug/L	98
71) Naphthalene	14.080	128	127951	6.108	ug/L	99
72) 1,2,3-Trichlorobenzene	14.322	180	77382	5.695	ug/L	99

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

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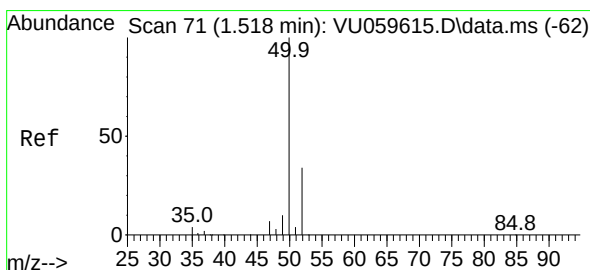
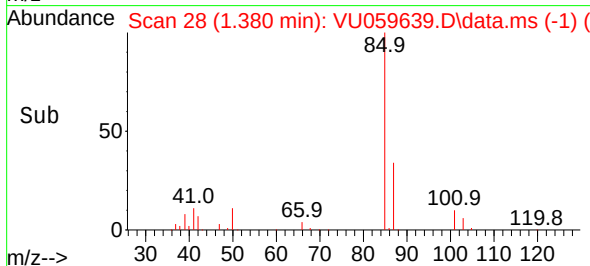
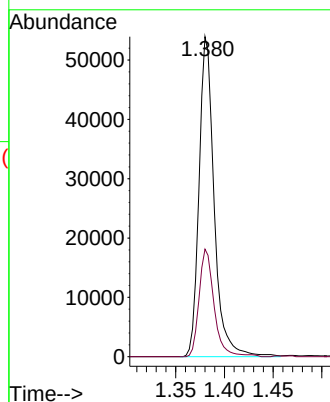
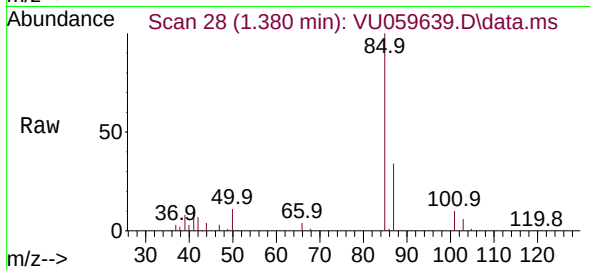




#2
 Dichlorodifluoromethane
 Concen: 4.617 ug/L
 RT: 1.380 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VU059639.D
 Acq: 28 Jun 2024 22:38

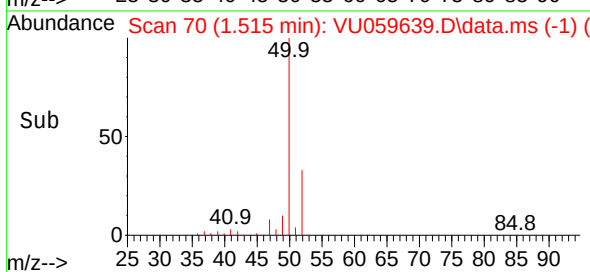
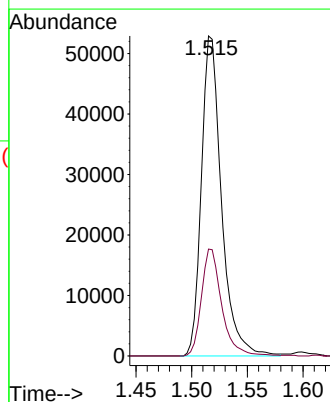
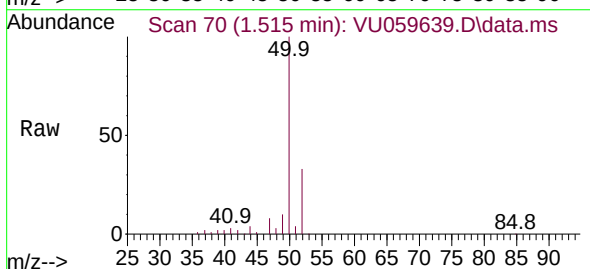
Instrument :
 MSVOA_U
 ClientSampleId :

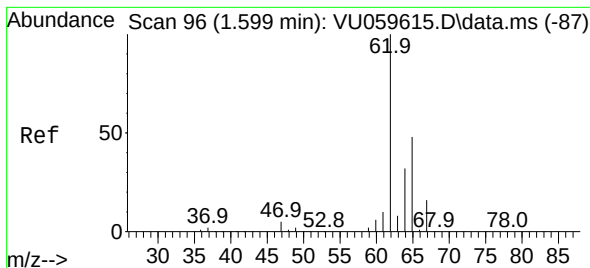
Tgt Ion: 85 Resp: 58310
 Ion Ratio Lower Upper
 85 100
 87 33.3 26.6 40.0



#3
 Chloromethane
 Concen: 4.885 ug/L
 RT: 1.515 min Scan# 70
 Delta R.T. -0.003 min
 Lab File: VU059639.D
 Acq: 28 Jun 2024 22:38

Tgt Ion: 50 Resp: 66400
 Ion Ratio Lower Upper
 50 100
 52 33.4 23.2 43.0





#5

Vinyl chloride

Concen: 4.905 ug/L

RT: 1.599 min Scan# 90

Delta R.T. -0.000 min

Lab File: VU059639.D

Acq: 28 Jun 2024 22:38

Instrument :

MSVOA_U

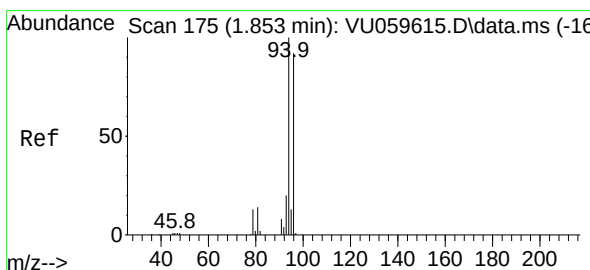
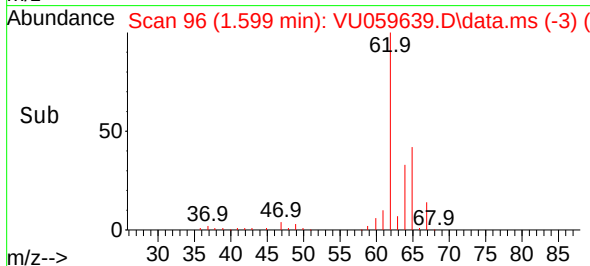
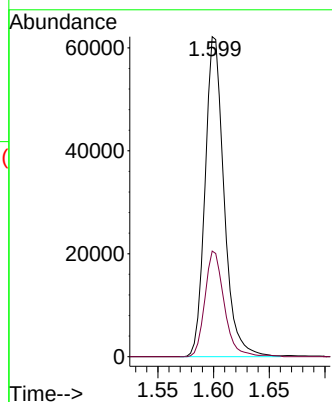
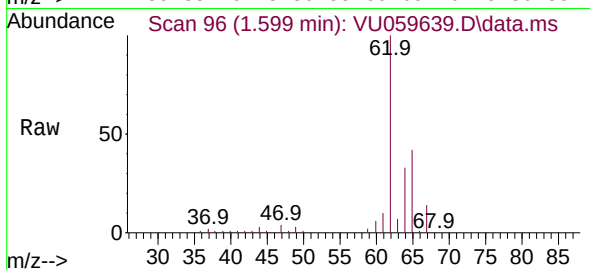
ClientSampleId :

Tgt Ion: 62 Resp: 73653

Ion Ratio Lower Upper

62 100

64 33.0 23.1 42.9



#6

Bromomethane

Concen: 4.206 ug/L

RT: 1.853 min Scan# 175

Delta R.T. -0.000 min

Lab File: VU059639.D

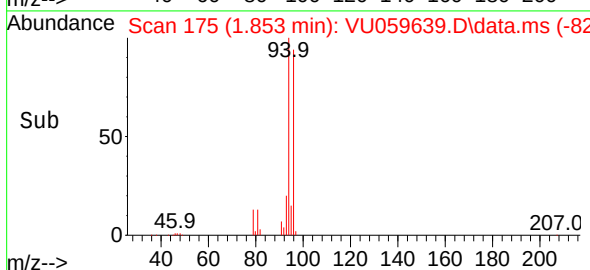
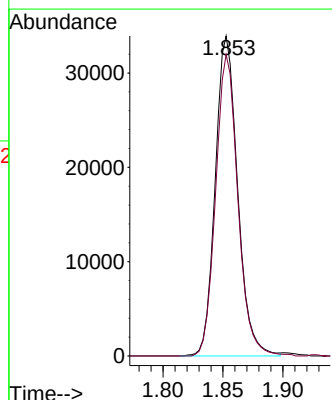
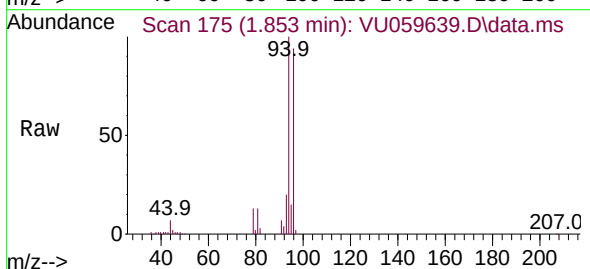
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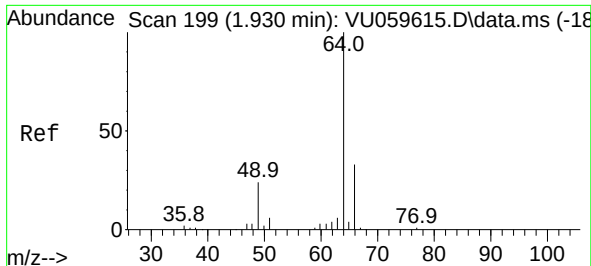
Tgt Ion: 94 Resp: 43914

Ion Ratio Lower Upper

94 100

96 94.2 62.9 116.9





#8

Chloroethane

Concen: 5.318 ug/L

RT: 1.927 min Scan# 199

Delta R.T. -0.003 min

Lab File: VU059639.D

Acq: 28 Jun 2024 22:38

Instrument :

MSVOA_U

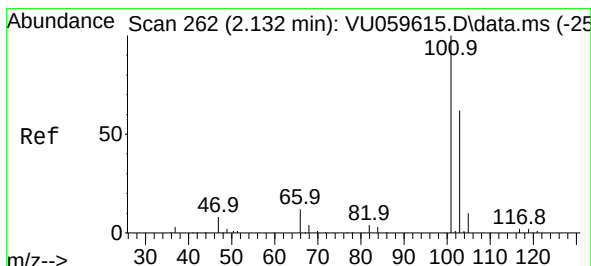
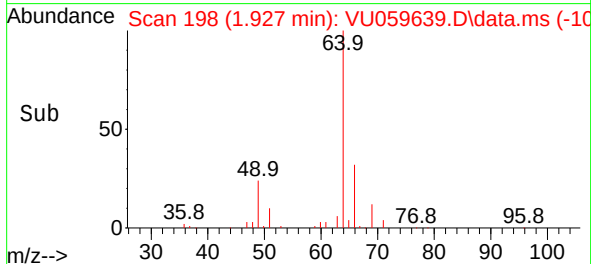
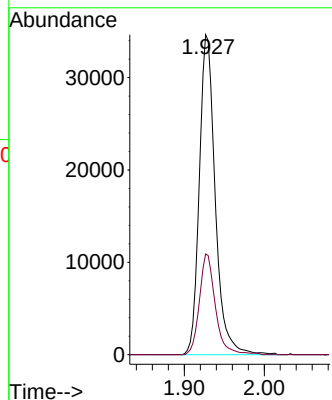
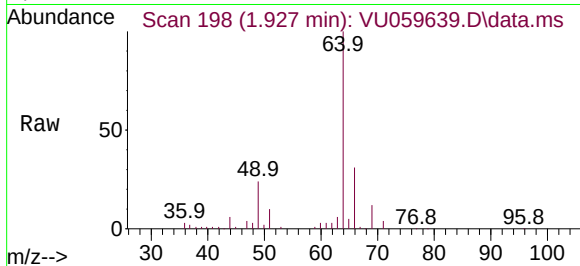
ClientSampleId :

Tgt Ion: 64 Resp: 48115

Ion Ratio Lower Upper

64 100

66 31.5 23.2 43.2



#9

Trichlorofluoromethane

Concen: 5.064 ug/L

RT: 2.132 min Scan# 262

Delta R.T. -0.000 min

Lab File: VU059639.D

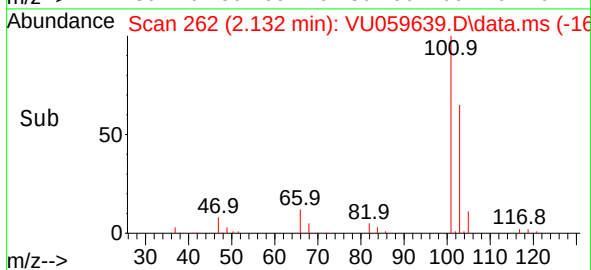
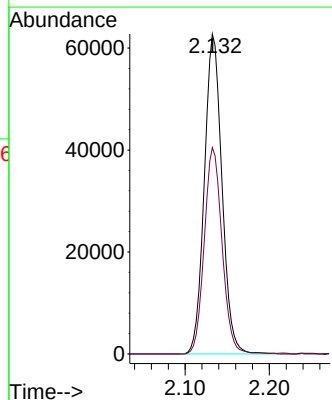
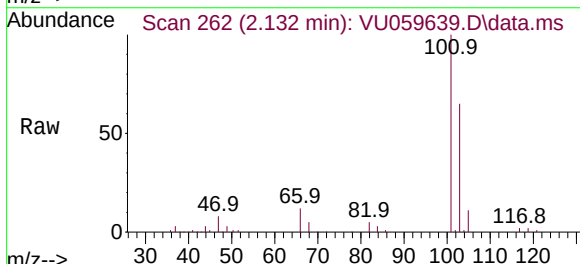
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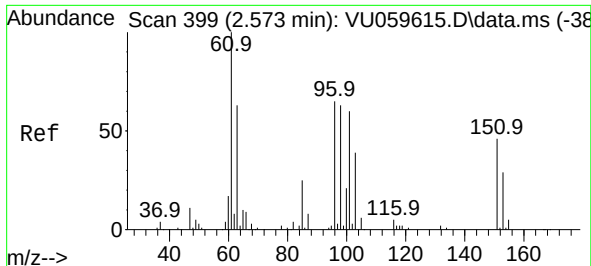
Tgt Ion:101 Resp: 91528

Ion Ratio Lower Upper

101 100

103 64.9 52.6 79.0

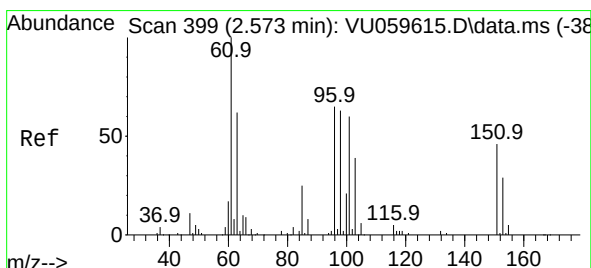
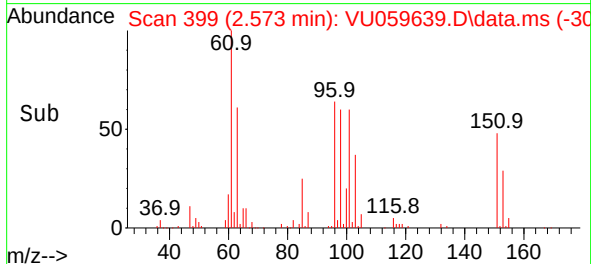
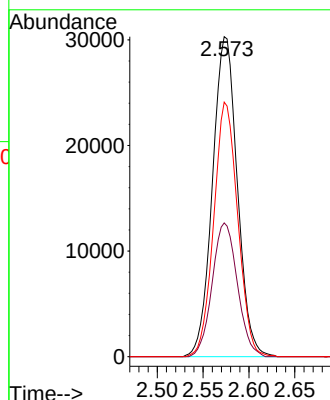
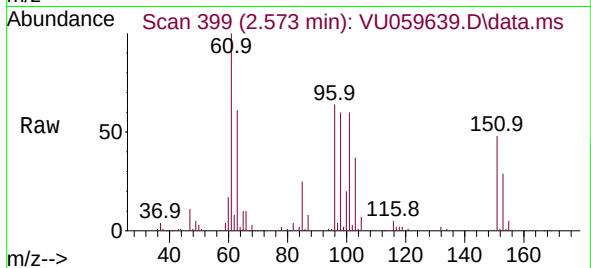




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 4.986 ug/L
RT: 2.573 min Scan# 399
Delta R.T. -0.000 min
Lab File: VU059639.D
Acq: 28 Jun 2024 22:38

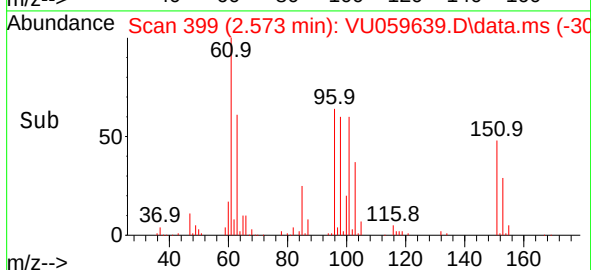
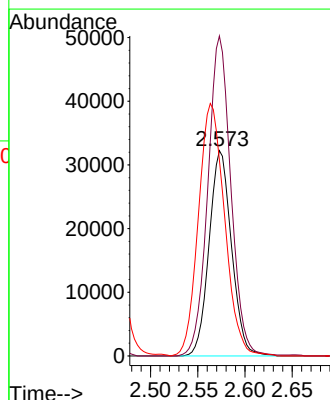
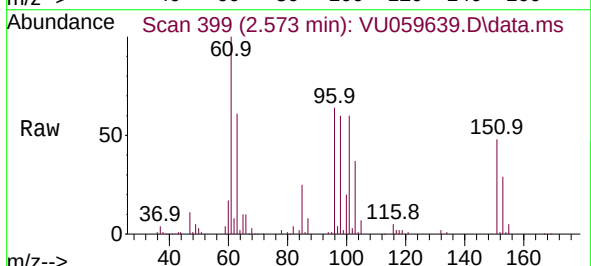
Instrument :
MSVOA_U
ClientSampleId :

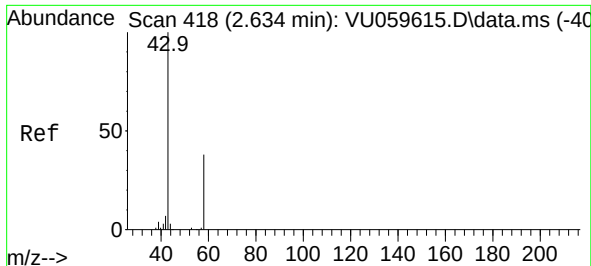
Tgt Ion:101 Resp: 57052
Ion Ratio Lower Upper
101 100
85 42.3 36.2 54.4
151 76.8 55.5 83.3



#12
1,1-Dichloroethene
Concen: 5.033 ug/L
RT: 2.573 min Scan# 399
Delta R.T. -0.000 min
Lab File: VU059639.D
Acq: 28 Jun 2024 22:38

Tgt Ion: 96 Resp: 53207
Ion Ratio Lower Upper
96 100
61 155.9 122.9 228.3
63 95.4 80.4 149.4





#13

Acetone

Concen: 761.511 ug/L

RT: 2.447 min Scan# 3

Delta R.T. -0.187 min

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MSVOA_U

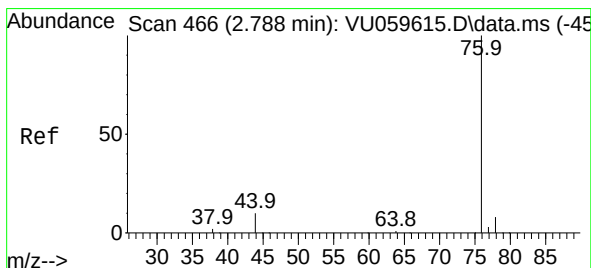
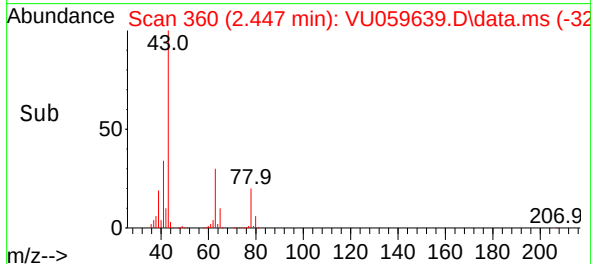
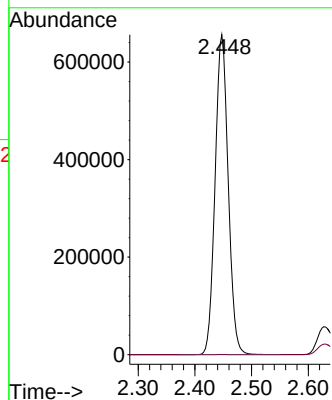
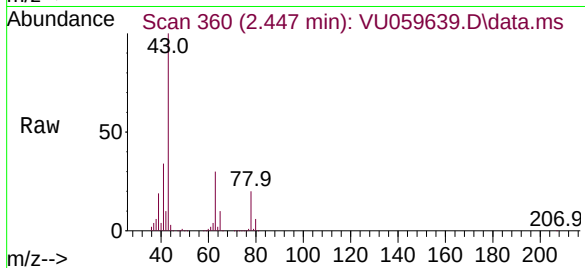
ClientSampleId :

Tgt Ion: 43 Resp: 1054527

Ion Ratio Lower Upper

43 100

58 4.4 0.0 68.0



#14

Carbon disulfide

Concen: 5.108 ug/L

RT: 2.785 min Scan# 465

Delta R.T. -0.003 min

Lab File: VU059639.D

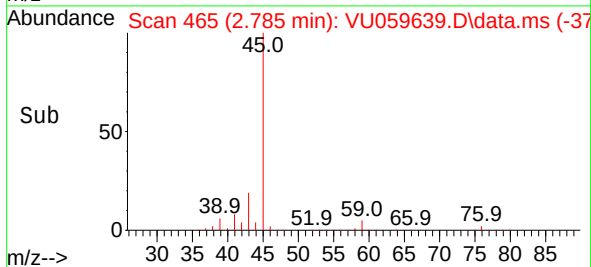
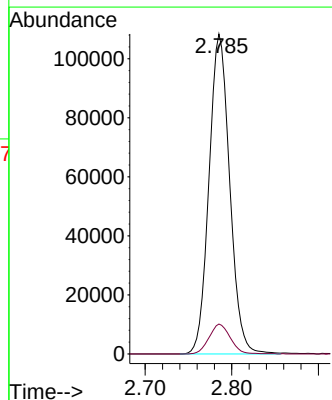
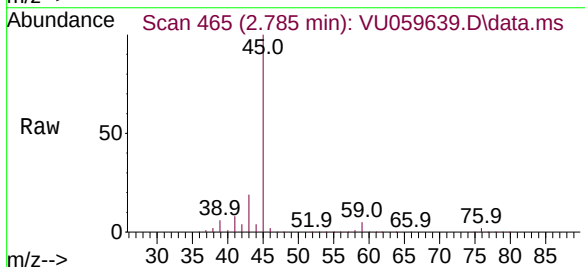
Acq: 28 Jun 2024 22:38

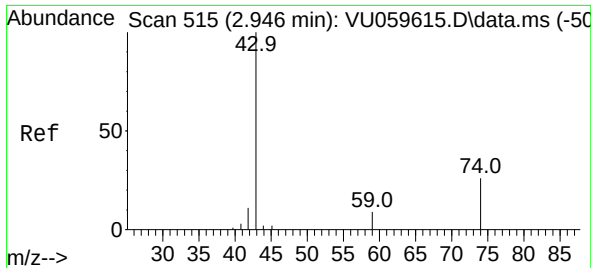
Tgt Ion: 76 Resp: 180147

Ion Ratio Lower Upper

76 100

78 9.3 7.3 10.9





#15

Methyl Acetate

Concen: 1552.341 ug/L

RT: 2.804 min Scan# 41

Delta R.T. -0.142 min

Lab File: VU059639.D

Acq: 28 Jun 2024 22:38

Instrument :

MSVOA_U

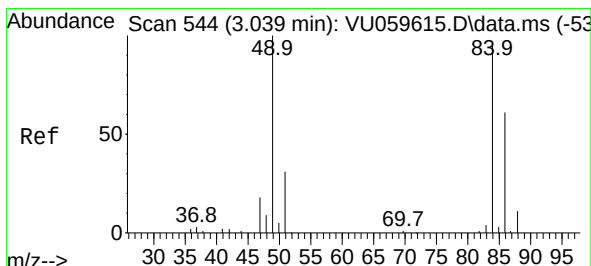
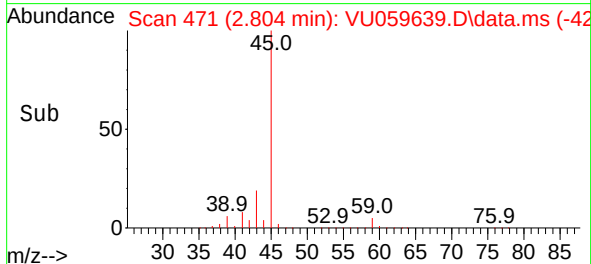
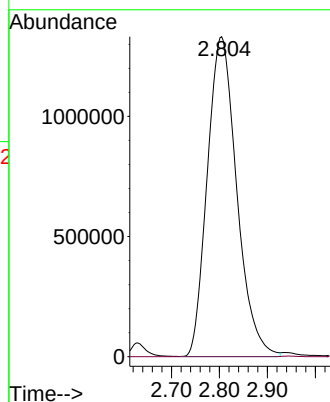
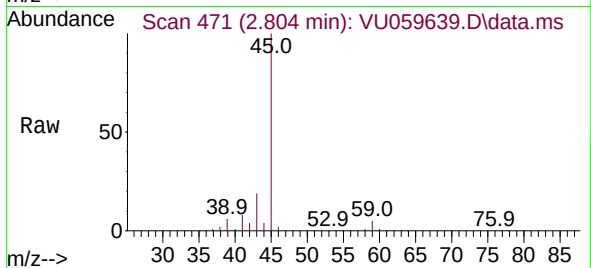
ClientSampleId :

Tgt Ion: 43 Resp: 5672741

Ion Ratio Lower Upper

43 100

74 0.1 19.2 28.8#



#16

Methylene chloride

Concen: 4.990 ug/L

RT: 3.036 min Scan# 543

Delta R.T. -0.003 min

Lab File: VU059639.D

Acq: 28 Jun 2024 22:38

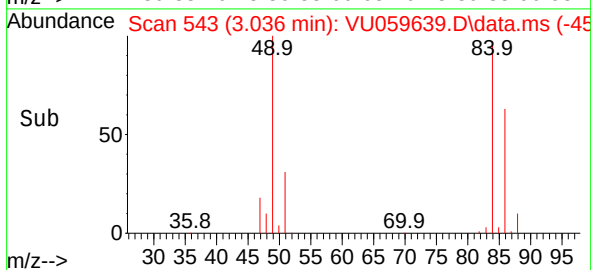
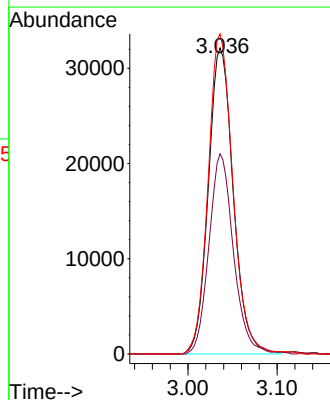
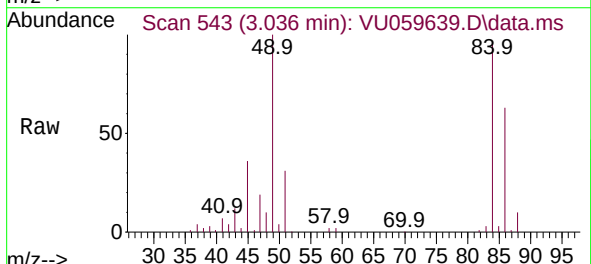
Tgt Ion: 84 Resp: 62509

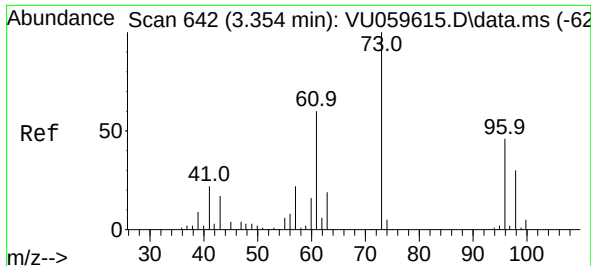
Ion Ratio Lower Upper

84 100

86 65.4 42.1 78.1

49 104.6 80.6 149.8

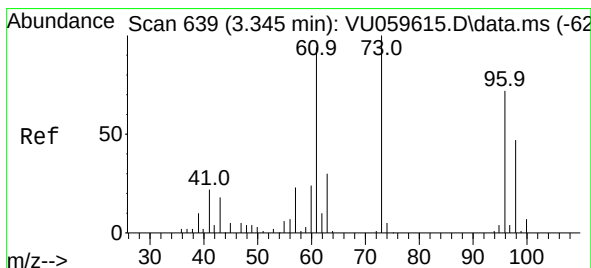
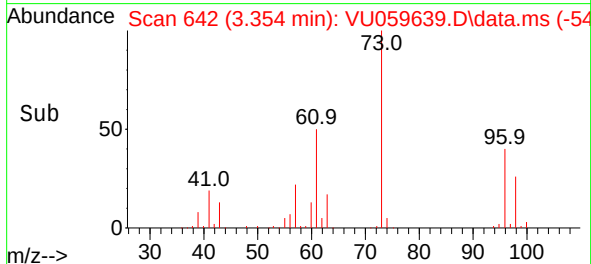
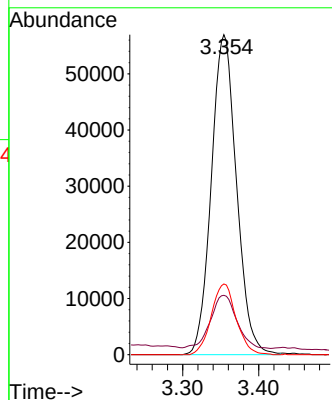
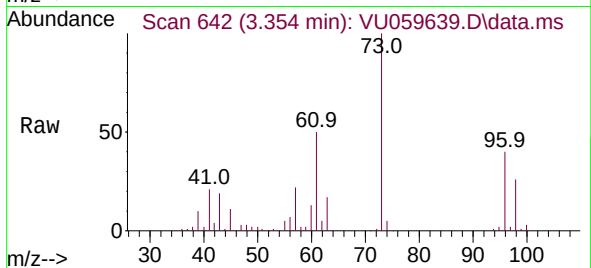




#17
Methyl tert-butyl Ether
Concen: 5.761 ug/L
RT: 3.354 min Scan# 642
Delta R.T. -0.000 min
Lab File: VU059639.D
Acq: 28 Jun 2024 22:38

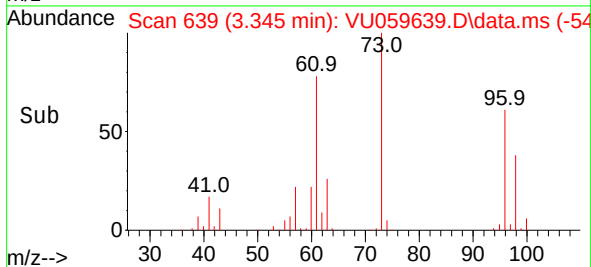
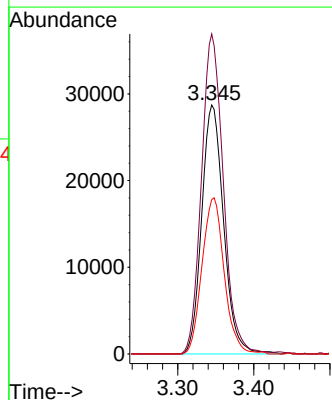
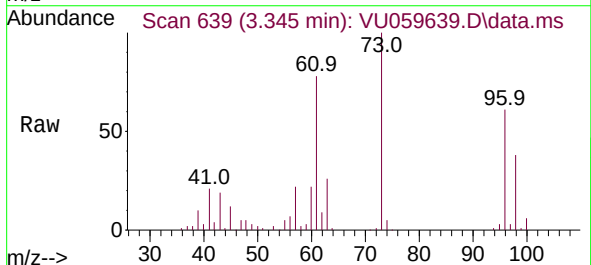
Instrument :
MSVOA_U
ClientSampleId :

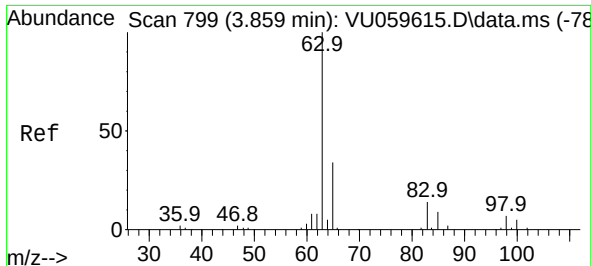
Tgt Ion: 73 Resp: 131222
Ion Ratio Lower Upper
73 100
43 17.3 14.9 22.3
57 21.7 18.0 27.0



#18
trans-1,2-Dichloroethene
Concen: 5.232 ug/L
RT: 3.345 min Scan# 639
Delta R.T. -0.000 min
Lab File: VU059639.D
Acq: 28 Jun 2024 22:38

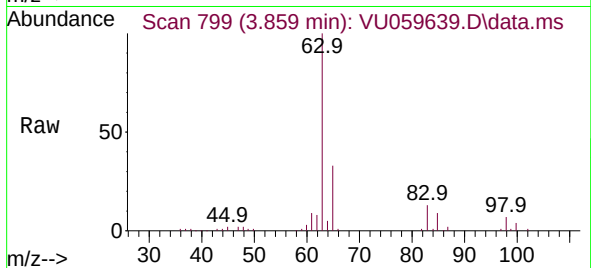
Tgt Ion: 96 Resp: 57517
Ion Ratio Lower Upper
96 100
61 128.5 101.8 189.0
98 62.0 43.3 80.5



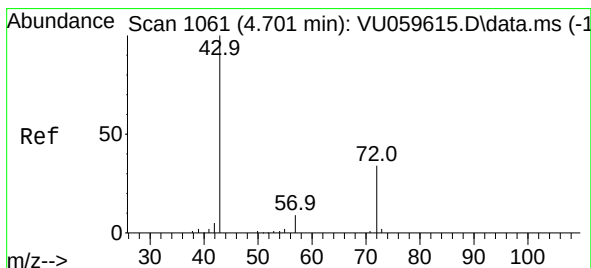
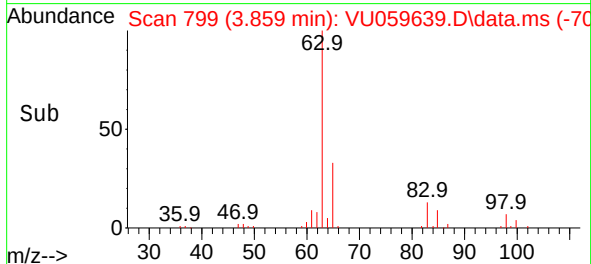
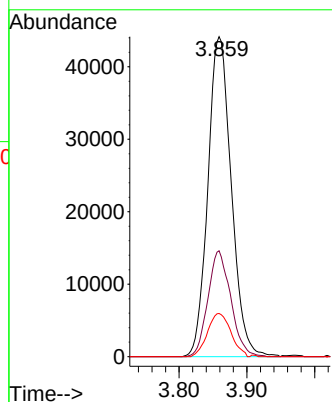


#19
1,1-Dichloroethane
Concen: 5.229 ug/L
RT: 3.859 min Scan# 799
Delta R.T. -0.000 min
Lab File: VU059639.D
Acq: 28 Jun 2024 22:38

Instrument :
MSVOA_U
ClientSampleId :

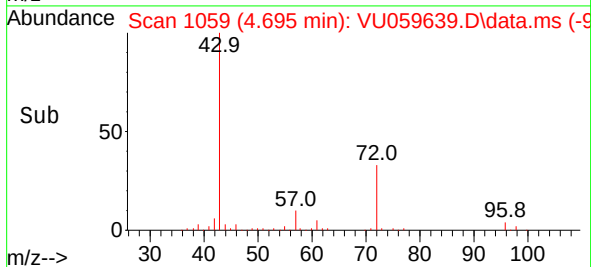
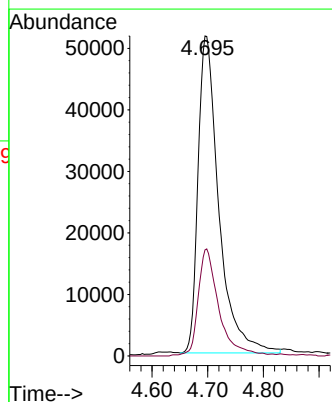
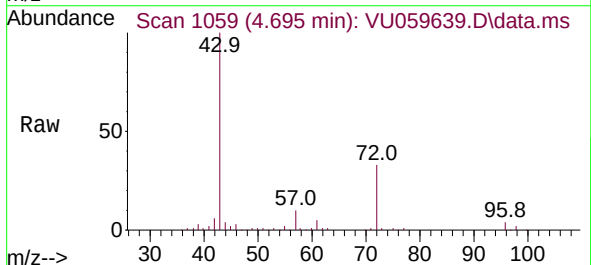


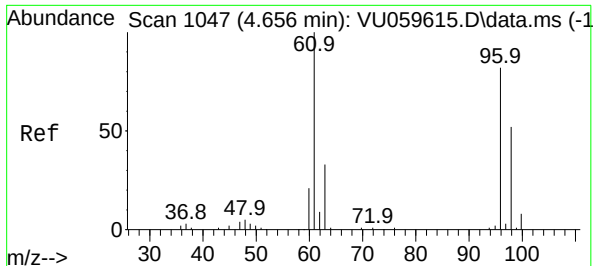
Tgt Ion: 63 Resp: 106010
Ion Ratio Lower Upper
63 100
65 33.1 21.8 40.6
83 13.5 9.9 18.5



#21
2-Butanone
Concen: 60.157 ug/L
RT: 4.695 min Scan# 1059
Delta R.T. -0.006 min
Lab File: VU059639.D
Acq: 28 Jun 2024 22:38

Tgt Ion: 43 Resp: 133616
Ion Ratio Lower Upper
43 100
72 33.5 13.8 41.4

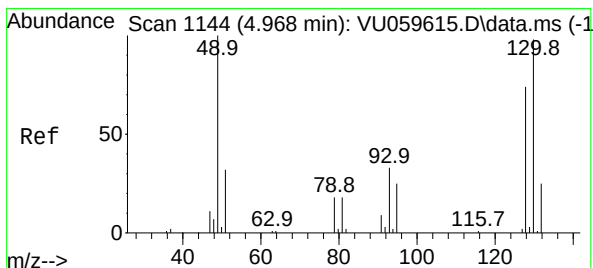
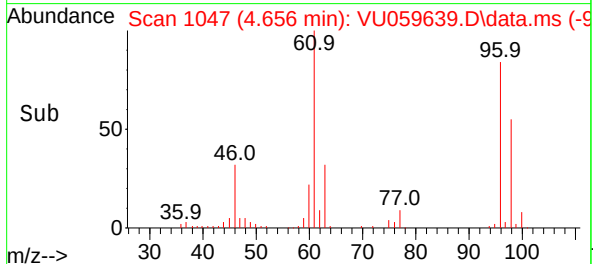
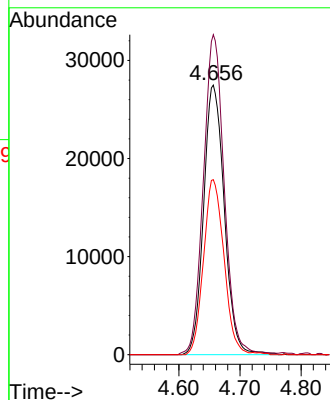
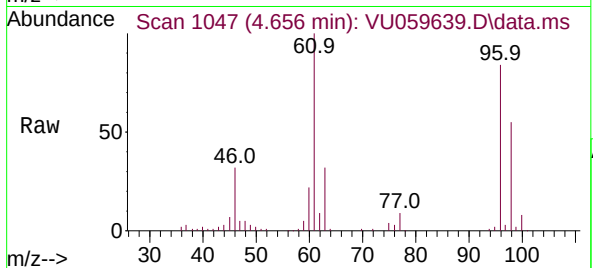




#22
cis-1,2-Dichloroethene
Concen: 5.343 ug/L
RT: 4.656 min Scan# 1047
Delta R.T. -0.000 min
Lab File: VU059639.D
Acq: 28 Jun 2024 22:38

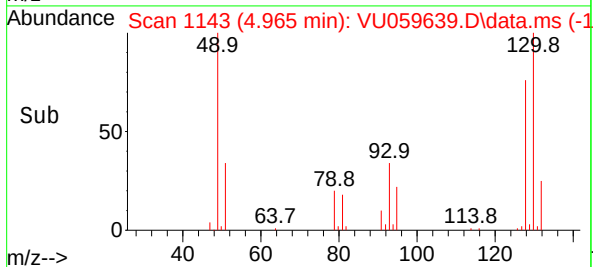
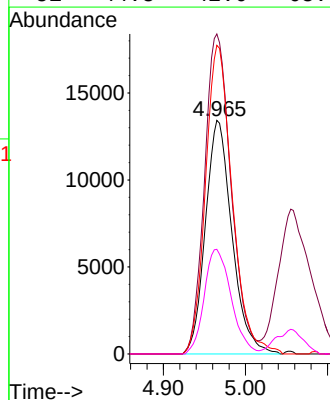
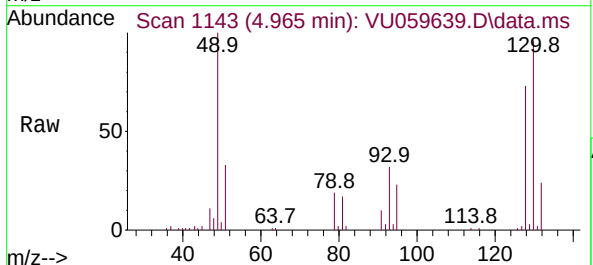
Instrument :
MSVOA_U
ClientSampleId :

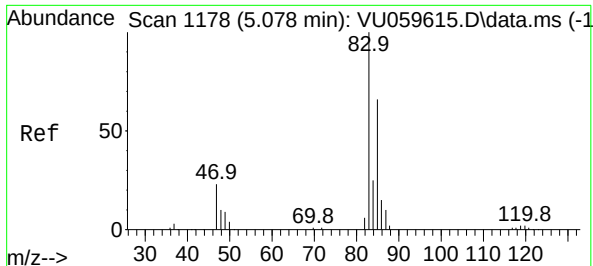
Tgt Ion: 96 Resp: 64747
Ion Ratio Lower Upper
96 100
61 118.7 87.4 162.2
98 64.9 42.3 78.5



#23
Bromochloromethane
Concen: 5.467 ug/L
RT: 4.965 min Scan# 1143
Delta R.T. -0.003 min
Lab File: VU059639.D
Acq: 28 Jun 2024 22:38

Tgt Ion:128 Resp: 30202
Ion Ratio Lower Upper
128 100
49 142.1 117.0 217.4
130 132.1 89.6 166.4
51 44.8 42.0 63.0

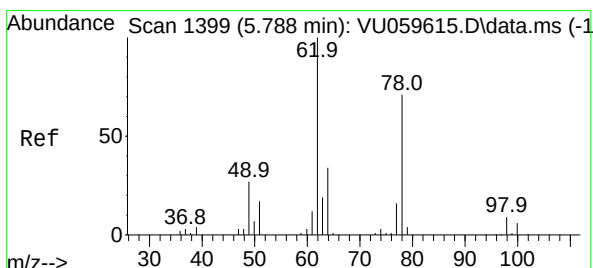
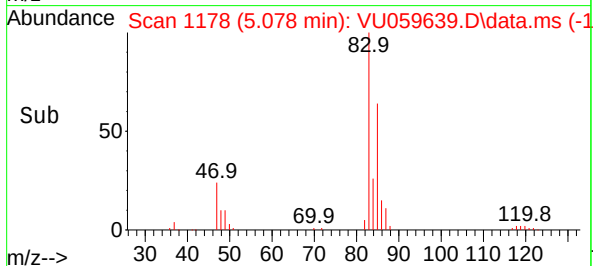
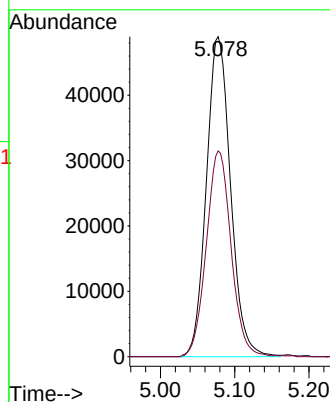
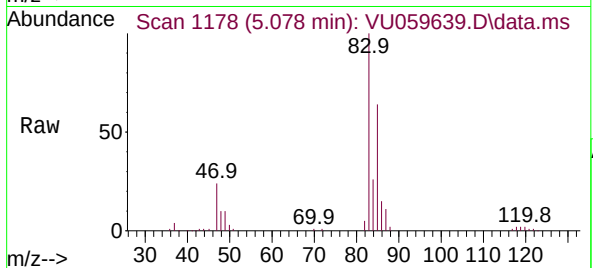




#25
Chloroform
Concen: 5.190 ug/L
RT: 5.078 min Scan# 1178
Delta R.T. -0.000 min
Lab File: VU059639.D
Acq: 28 Jun 2024 22:38

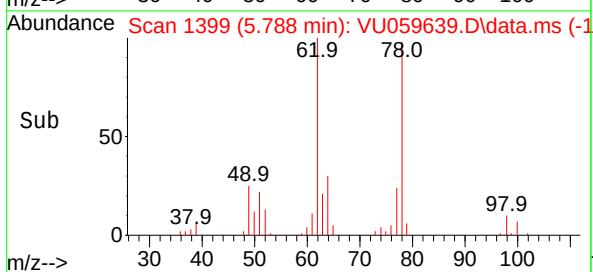
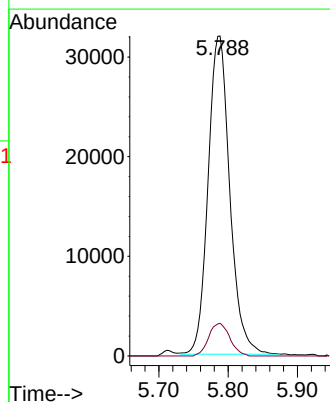
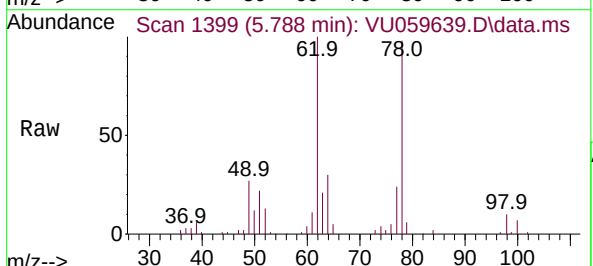
Instrument :
MSVOA_U
ClientSampleId :

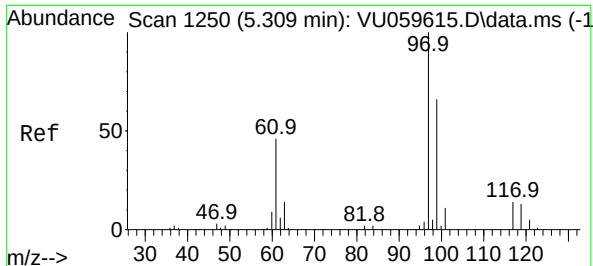
Tgt Ion: 83 Resp: 110812
Ion Ratio Lower Upper
83 100
85 64.3 44.7 83.1



#27
1,2-Dichloroethane
Concen: 5.354 ug/L
RT: 5.788 min Scan# 1399
Delta R.T. -0.000 min
Lab File: VU059639.D
Acq: 28 Jun 2024 22:38

Tgt Ion: 62 Resp: 69270
Ion Ratio Lower Upper
62 100
98 10.2 7.5 11.3

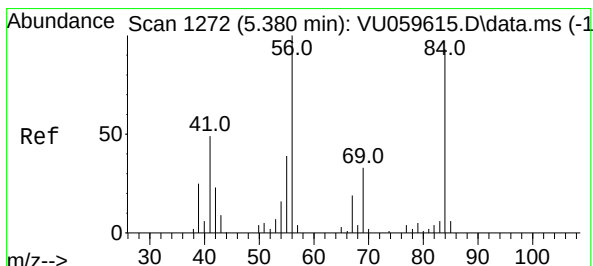
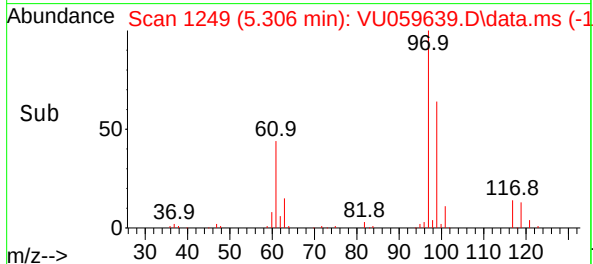
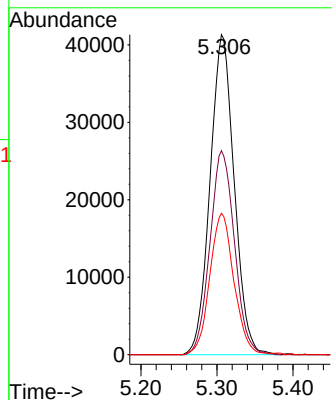
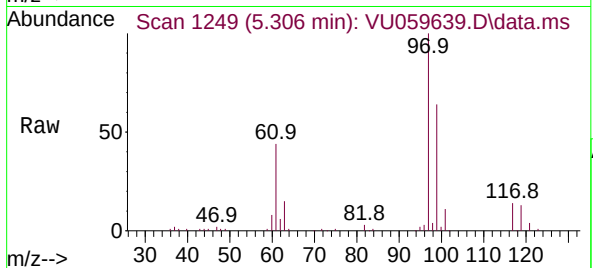




#29
1,1,1-Trichloroethane
Concen: 5.215 ug/L
RT: 5.306 min Scan# 1249
Delta R.T. -0.003 min
Lab File: VU059639.D
Acq: 28 Jun 2024 22:38

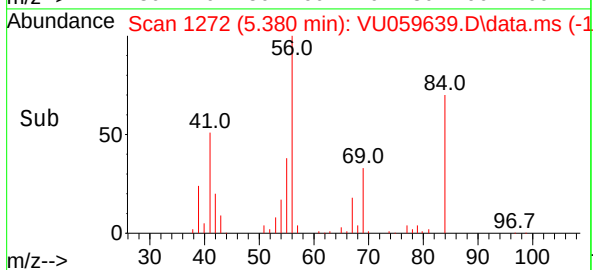
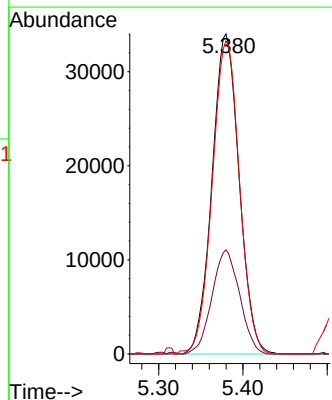
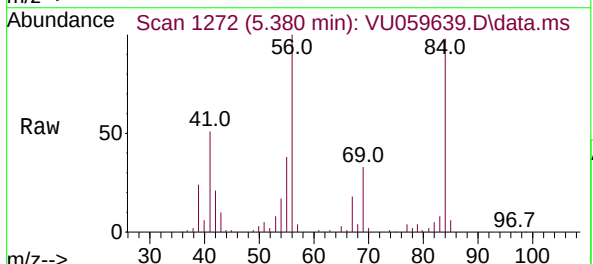
Instrument :
MSVOA_U
ClientSampleId :

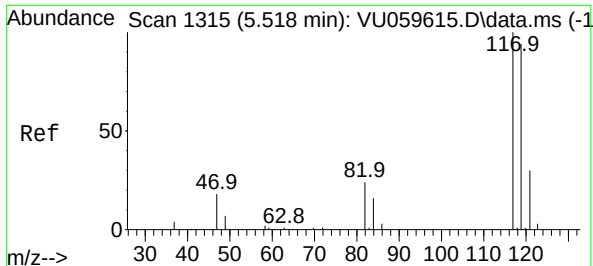
Tgt Ion: 97 Resp: 91112
Ion Ratio Lower Upper
97 100
99 64.8 51.8 77.6
61 44.3 37.4 56.2



#30
Cyclohexane
Concen: 4.932 ug/L
RT: 5.380 min Scan# 1272
Delta R.T. -0.000 min
Lab File: VU059639.D
Acq: 28 Jun 2024 22:38

Tgt Ion: 56 Resp: 76075
Ion Ratio Lower Upper
56 100
69 33.1 24.8 37.2
84 97.9 69.8 104.8

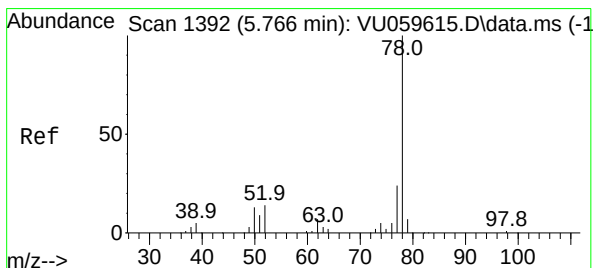
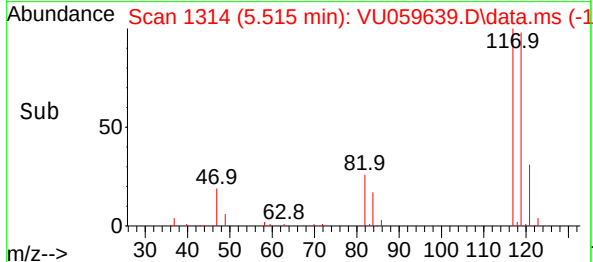
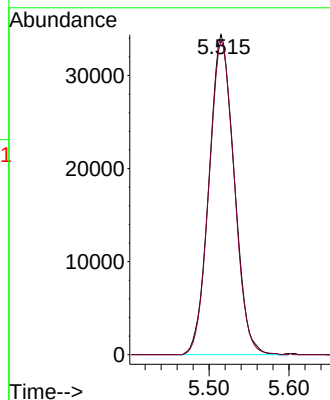
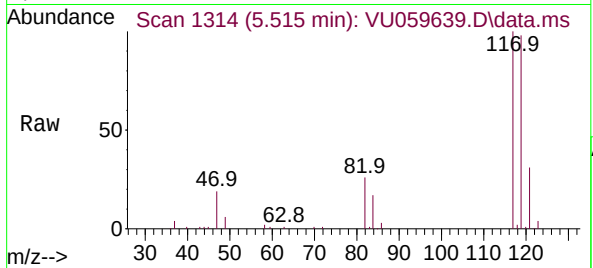




#31
Carbon tetrachloride
Concen: 5.139 ug/L
RT: 5.515 min Scan# 1314
Delta R.T. -0.003 min
Lab File: VU059639.D
Acq: 28 Jun 2024 22:38

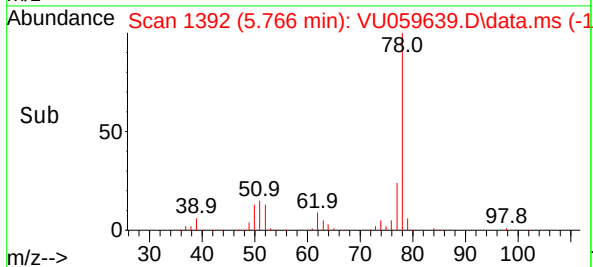
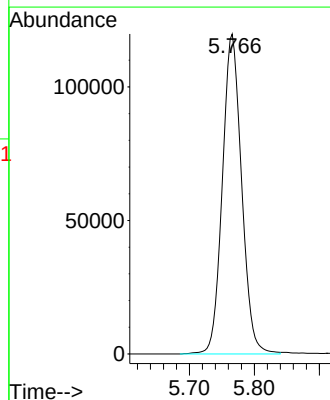
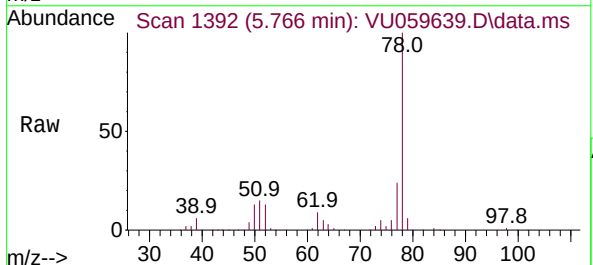
Instrument :
MSVOA_U
ClientSampleId :

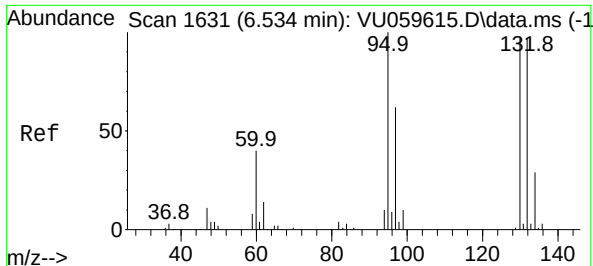
Tgt Ion:117 Resp: 75174
Ion Ratio Lower Upper
117 100
119 98.3 77.5 116.3



#33
Benzene
Concen: 5.351 ug/L
RT: 5.766 min Scan# 1392
Delta R.T. -0.000 min
Lab File: VU059639.D
Acq: 28 Jun 2024 22:38

Tgt Ion: 78 Resp: 245873





#34

Trichloroethene

Concen: 5.247 ug/L

RT: 6.534 min Scan# 1

Delta R.T. -0.000 min

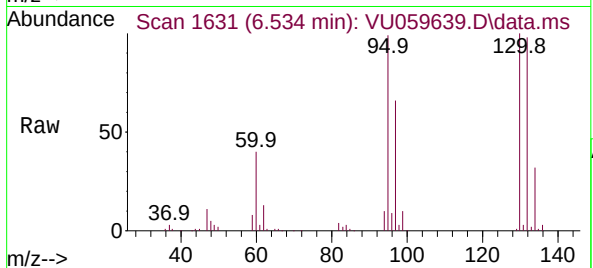
Lab File: VU059639.D

Acq: 28 Jun 2024 22:38

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion: 95 Resp: 65285

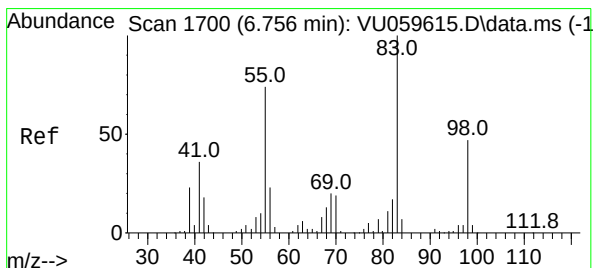
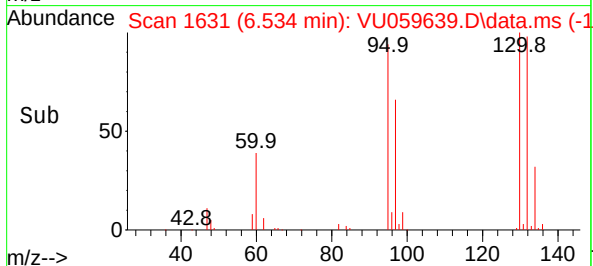
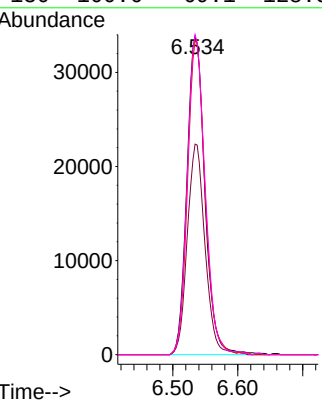
Ion Ratio Lower Upper

95 100

97 66.2 45.3 84.1

132 98.7 64.0 119.0

130 100.6 69.1 128.3



#35

Methylcyclohexane

Concen: 4.842 ug/L

RT: 6.756 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VU059639.D

Acq: 28 Jun 2024 22:38

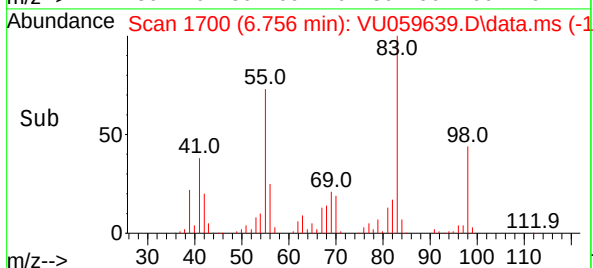
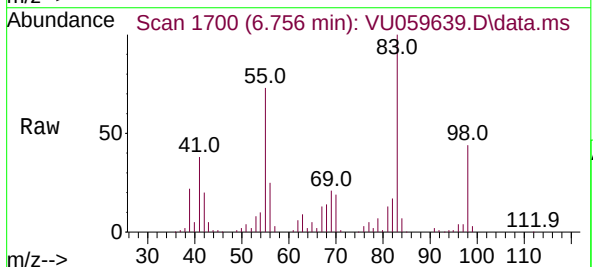
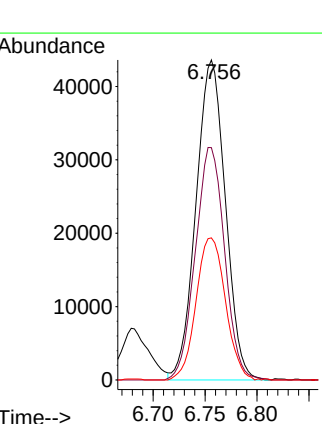
Tgt Ion: 83 Resp: 85722

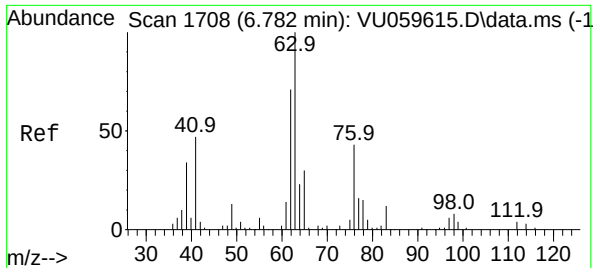
Ion Ratio Lower Upper

83 100

55 72.4 62.7 94.1

98 44.5 35.4 53.0

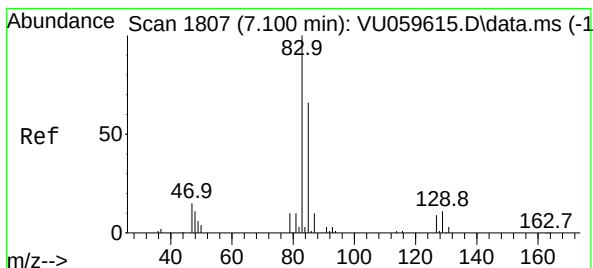
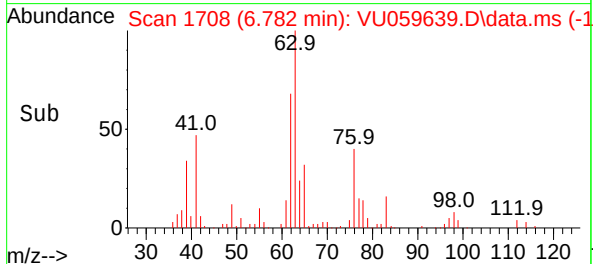
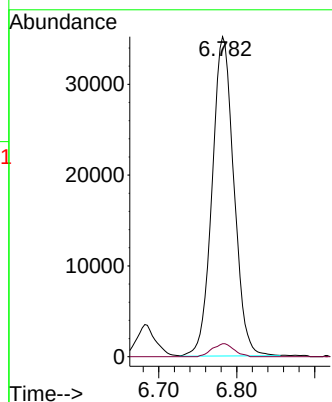
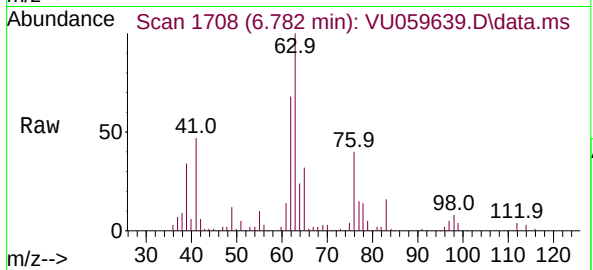




#37
1,2-Dichloropropane
Concen: 5.749 ug/L
RT: 6.782 min Scan# 1
Delta R.T. -0.000 min
Lab File: VU059639.D
Acq: 28 Jun 2024 22:38

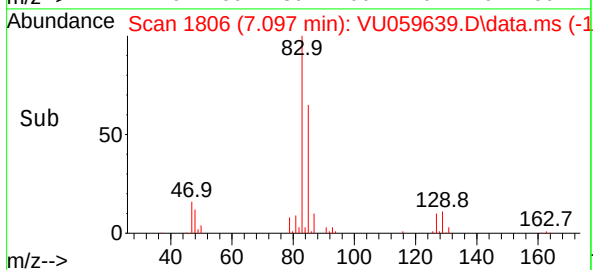
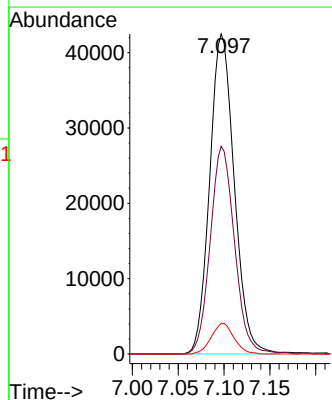
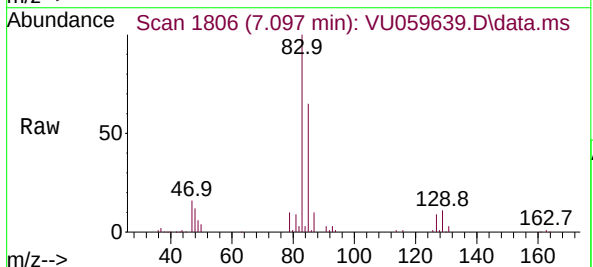
Instrument :
MSVOA_U
ClientSampleId :

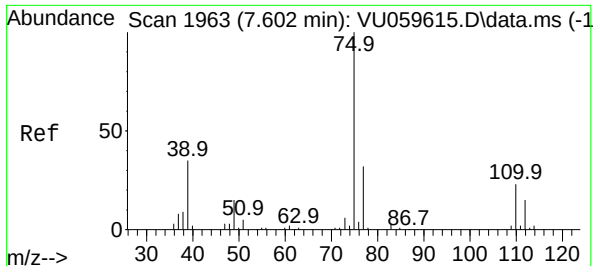
Tgt Ion: 63 Resp: 68358
Ion Ratio Lower Upper
63 100
112 4.1 2.6 3.8#



#38
Bromodichloromethane
Concen: 5.338 ug/L
RT: 7.097 min Scan# 1806
Delta R.T. -0.003 min
Lab File: VU059639.D
Acq: 28 Jun 2024 22:38

Tgt Ion: 83 Resp: 79216
Ion Ratio Lower Upper
83 100
85 64.9 42.7 79.3
127 9.5 6.1 9.1#

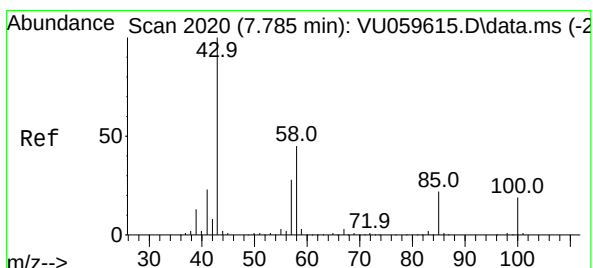
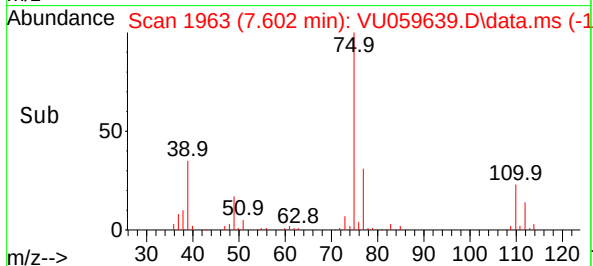
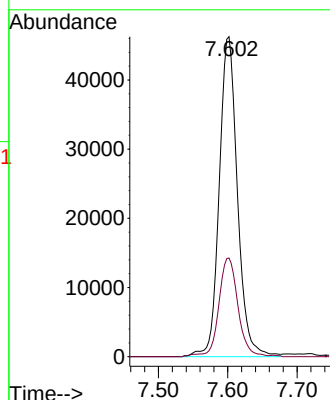
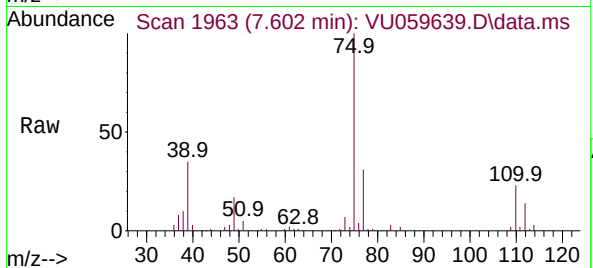




#39
 cis-1,3-Dichloropropene
 Concen: 5.210 ug/L
 RT: 7.602 min Scan# 1963
 Delta R.T. -0.000 min
 Lab File: VU059639.D
 Acq: 28 Jun 2024 22:38

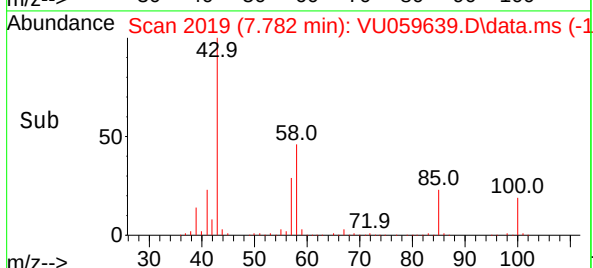
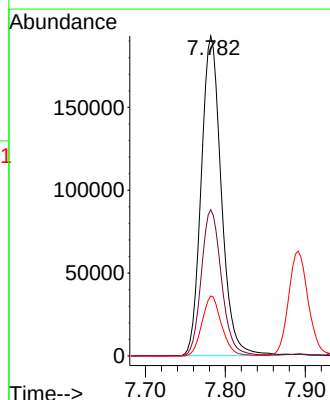
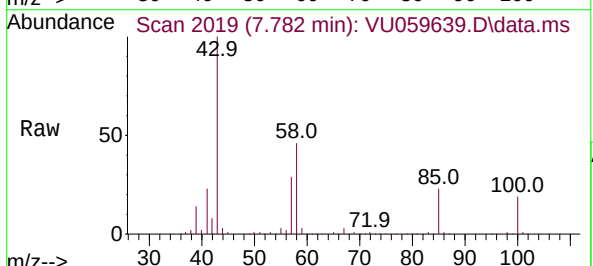
Instrument :
 MSVOA_U
 ClientSampleId :

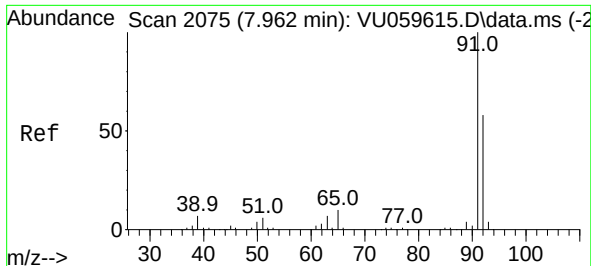
Tgt Ion: 75 Resp: 84720
 Ion Ratio Lower Upper
 75 100
 77 30.9 22.0 40.8



#40
 4-Methyl-2-pentanone
 Concen: 61.318 ug/L
 RT: 7.782 min Scan# 2019
 Delta R.T. -0.003 min
 Lab File: VU059639.D
 Acq: 28 Jun 2024 22:38

Tgt Ion: 43 Resp: 337826
 Ion Ratio Lower Upper
 43 100
 58 46.5 34.0 51.0
 100 18.3 12.1 18.1#





#42

Toluene

Concen: 5.557 ug/L

RT: 7.962 min Scan# 2075

Delta R.T. -0.000 min

Lab File: VU059639.D

Acq: 28 Jun 2024 22:38

Instrument :

MSVOA_U

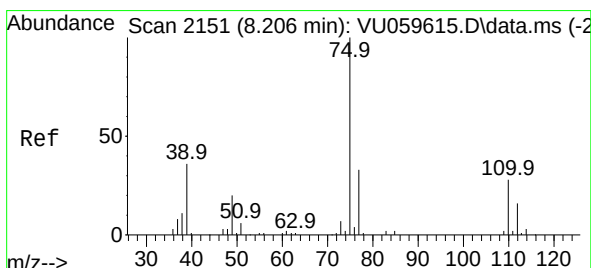
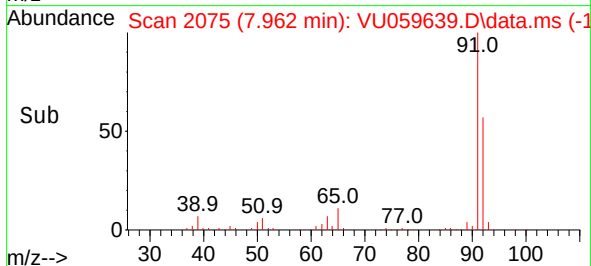
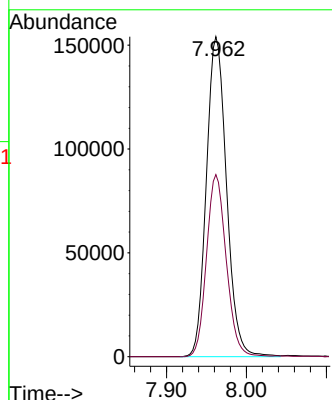
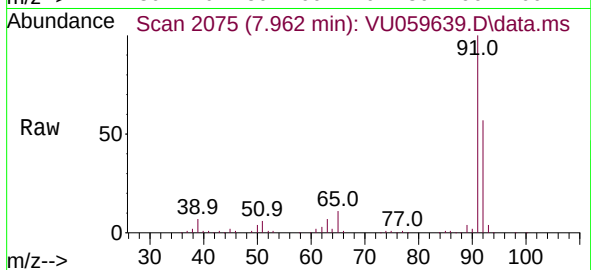
ClientSampleId :

Tgt Ion: 91 Resp: 270325

Ion Ratio Lower Upper

91 100

92 56.9 39.7 73.7



#44

trans-1,3-Dichloropropene

Concen: 5.417 ug/L

RT: 8.203 min Scan# 2150

Delta R.T. -0.003 min

Lab File: VU059639.D

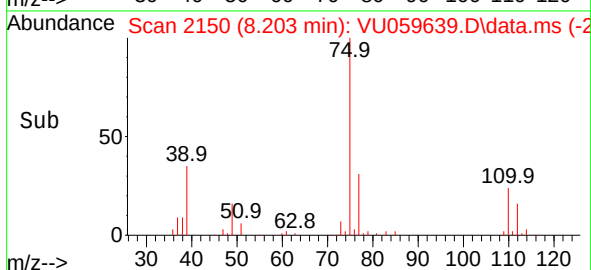
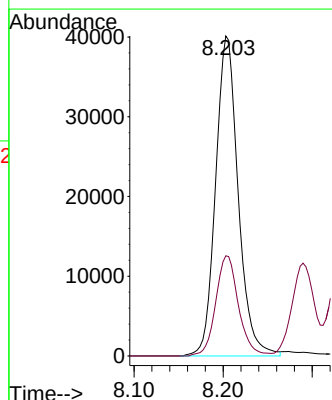
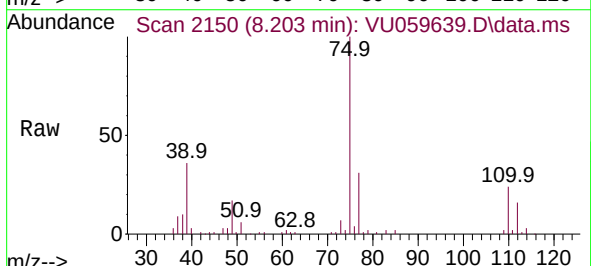
Acq: 28 Jun 2024 22:38

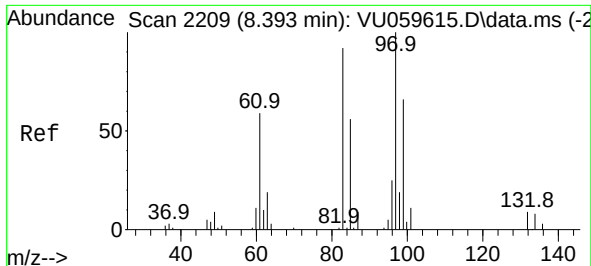
Tgt Ion: 75 Resp: 70692

Ion Ratio Lower Upper

75 100

77 31.3 22.0 41.0



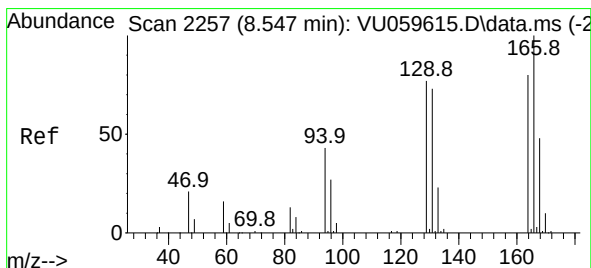
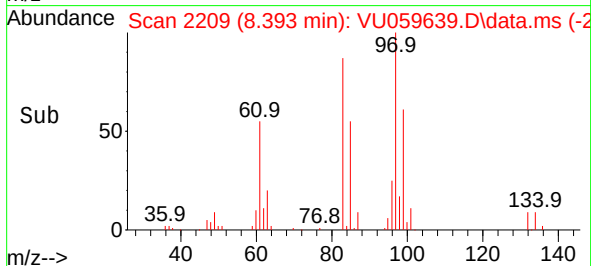
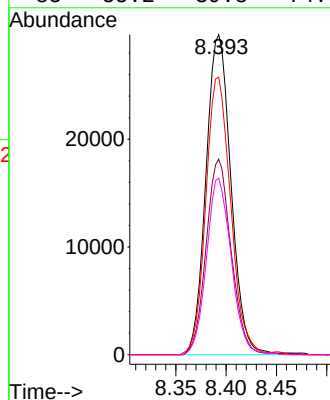
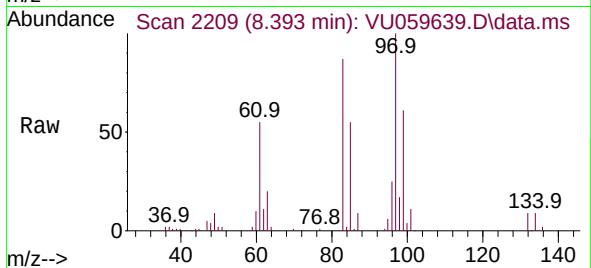


#45
1,1,2-Trichloroethane
Concen: 5.874 ug/L
RT: 8.393 min Scan# 2209
Delta R.T. -0.000 min
Lab File: VU059639.D
Acq: 28 Jun 2024 22:38

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 97 Resp: 51461

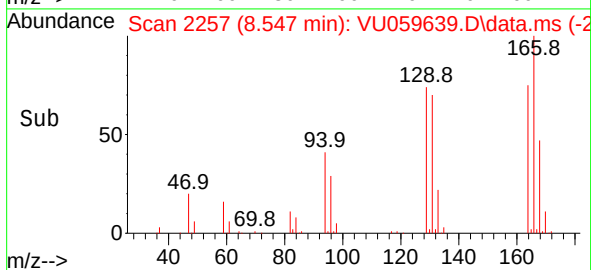
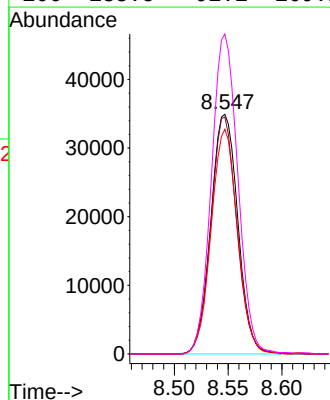
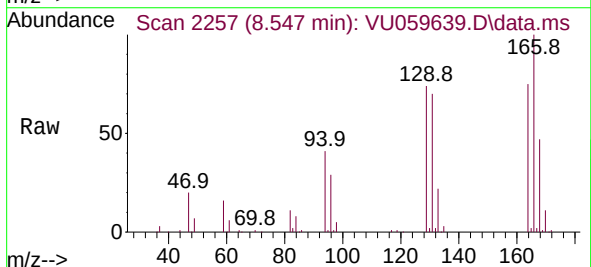
Ion	Ratio	Lower	Upper
97	100		
99	61.1	43.3	80.3
83	86.8	62.3	115.7
85	55.2	39.8	74.0

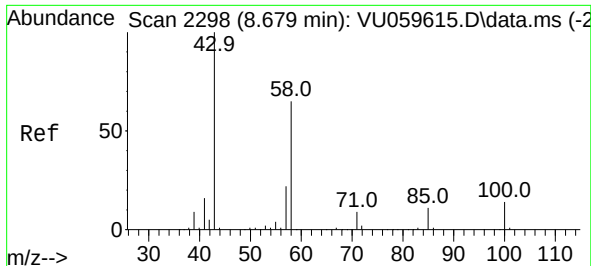


#47
Tetrachloroethene
Concen: 6.296 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. -0.000 min
Lab File: VU059639.D
Acq: 28 Jun 2024 22:38

Tgt Ion: 164 Resp: 60791

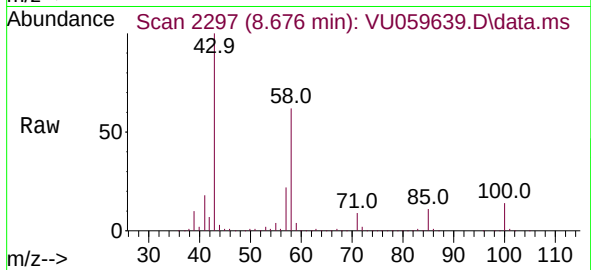
Ion	Ratio	Lower	Upper
164	100		
129	98.9	70.8	131.4
131	93.7	64.8	120.3
166	133.5	91.1	169.1



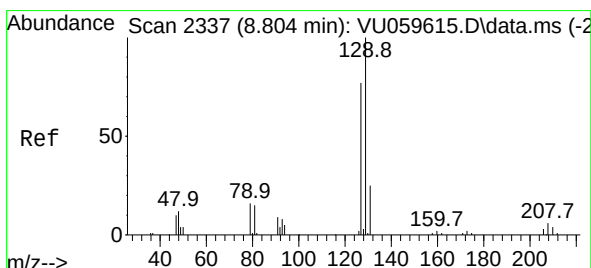
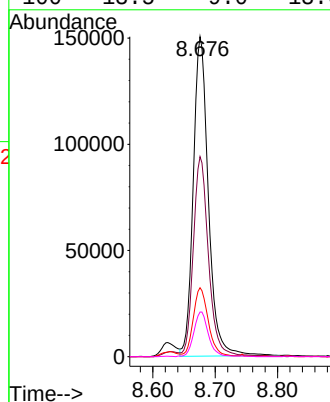
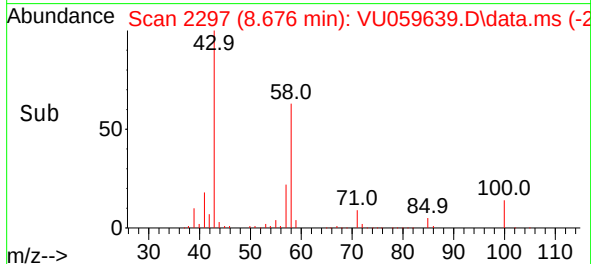


#48
2-Hexanone
Concen: 64.476 ug/L
RT: 8.676 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU059639.D
Acq: 28 Jun 2024 22:38

Instrument :
MSVOA_U
ClientSampleId :

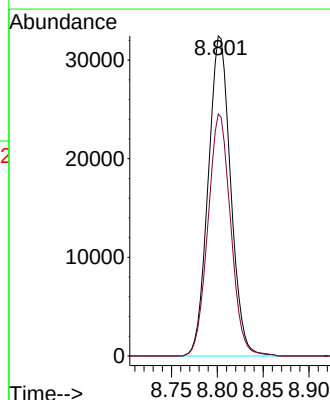
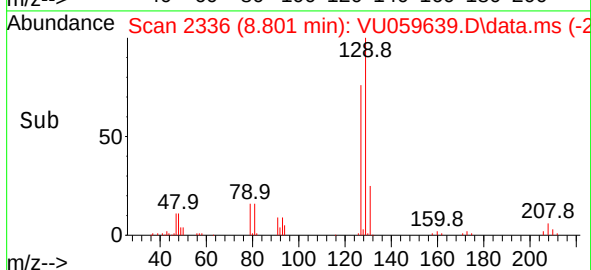
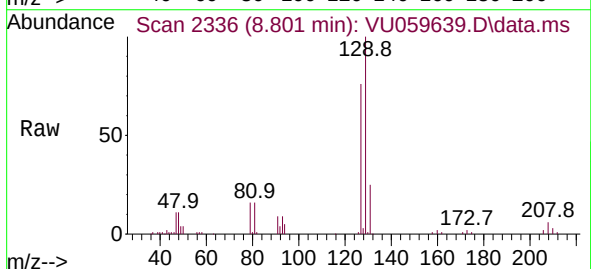


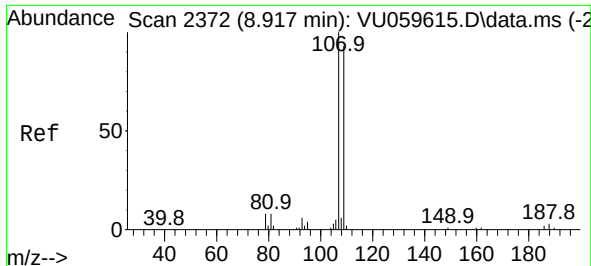
Tgt Ion:	43	Resp:	253517
Ion	Ratio	Lower	Upper
43	100		
58	63.3	46.1	69.1
57	21.0	15.5	23.3
100	13.5	9.0	13.6



#49
Dibromochloromethane
Concen: 5.691 ug/L
RT: 8.801 min Scan# 2336
Delta R.T. -0.003 min
Lab File: VU059639.D
Acq: 28 Jun 2024 22:38

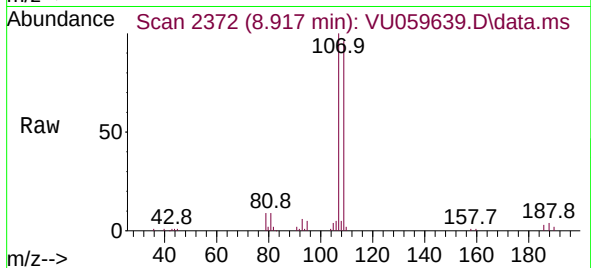
Tgt Ion:	129	Resp:	55231
Ion	Ratio	Lower	Upper
129	100		
127	75.7	52.5	97.5





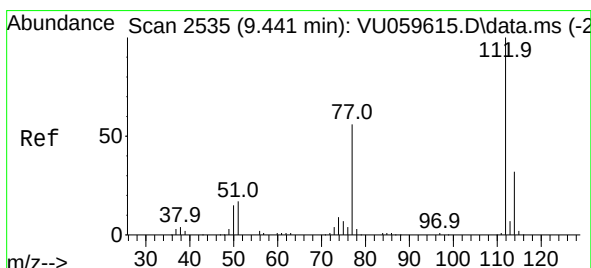
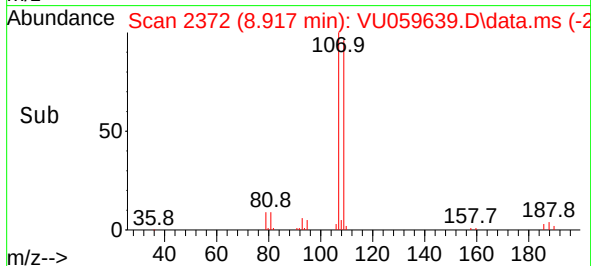
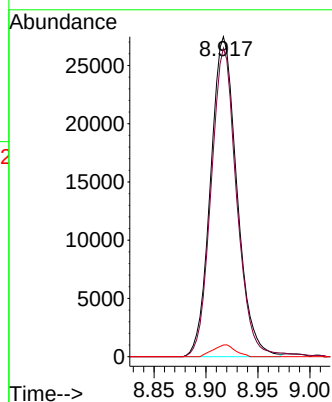
#50
1,2-Dibromoethane
Concen: 5.993 ug/L
RT: 8.917 min Scan# 2372
Delta R.T. -0.000 min
Lab File: VU059639.D
Acq: 28 Jun 2024 22:38

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:107 Resp: 48494

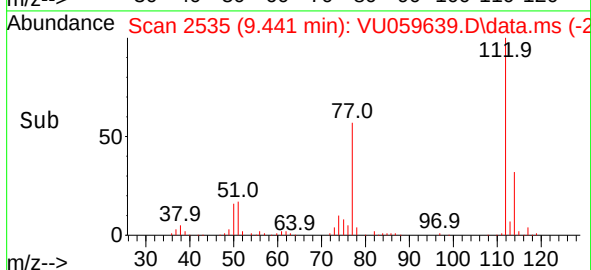
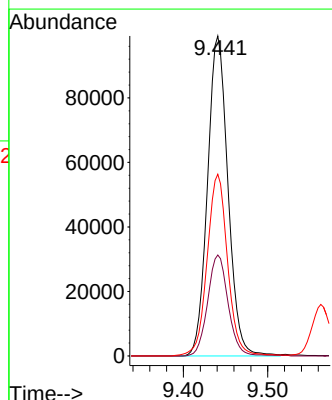
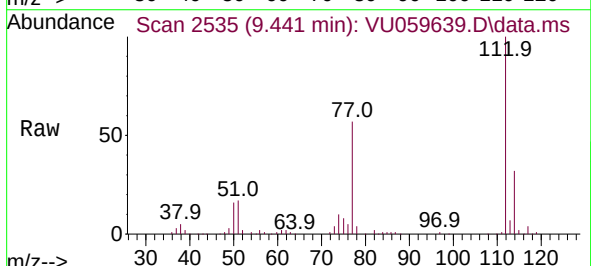
Ion	Ratio	Lower	Upper
107	100		
109	96.5	66.9	124.3
188	3.6	2.7	4.1

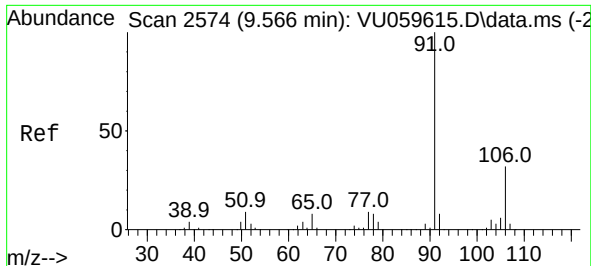


#51
Chlorobenzene
Concen: 5.437 ug/L
RT: 9.441 min Scan# 2535
Delta R.T. -0.000 min
Lab File: VU059639.D
Acq: 28 Jun 2024 22:38

Tgt Ion:112 Resp: 167723

Ion	Ratio	Lower	Upper
112	100		
114	31.6	22.4	41.6
77	56.8	49.1	73.7





#52

Ethylbenzene

Concen: 5.280 ug/L

RT: 9.563 min Scan# 2

Delta R.T. -0.003 min

Lab File: VU059639.D

Acq: 28 Jun 2024 22:38

Instrument :

MSVOA_U

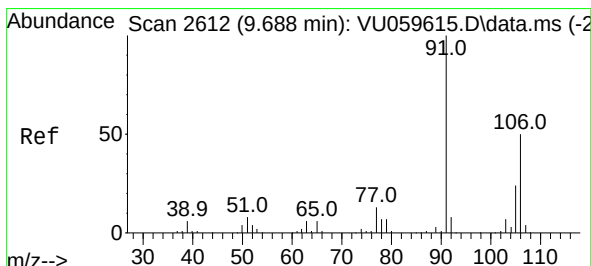
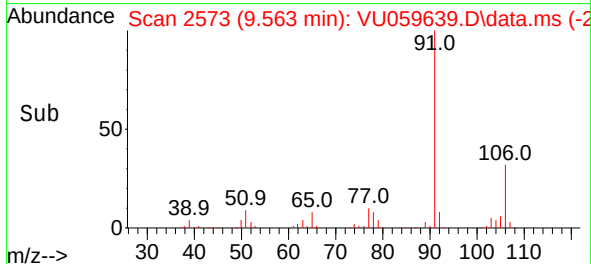
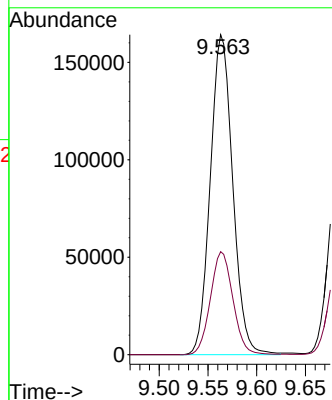
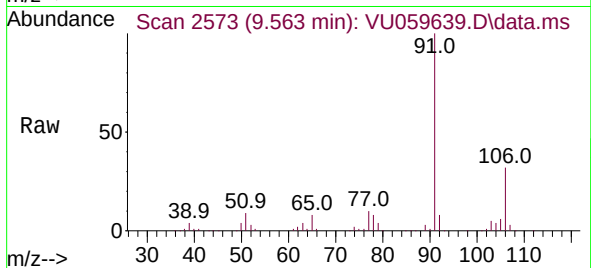
ClientSampleId :

Tgt Ion: 91 Resp: 263454

Ion Ratio Lower Upper

91 100

106 32.2 20.9 38.7



#53

m,p-Xylene

Concen: 5.503 ug/L

RT: 9.688 min Scan# 2612

Delta R.T. -0.000 min

Lab File: VU059639.D

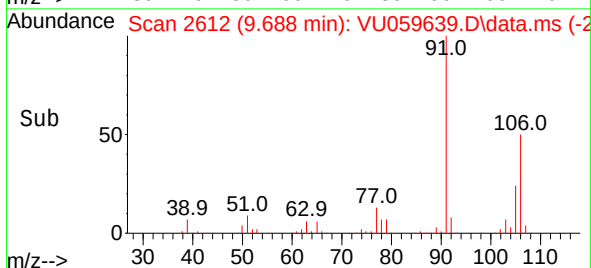
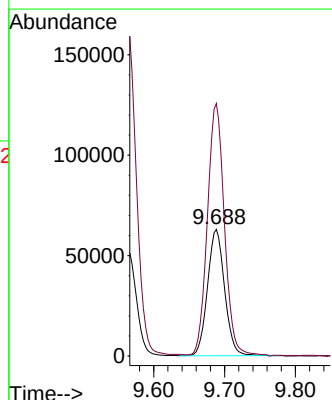
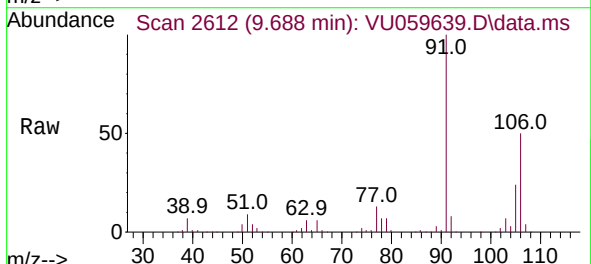
Acq: 28 Jun 2024 22:38

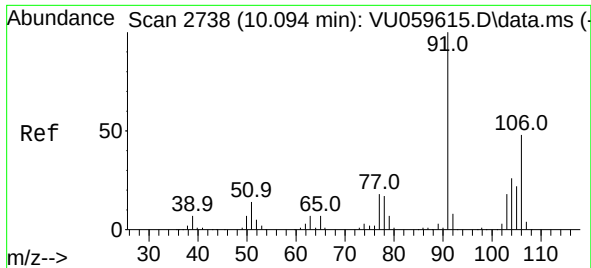
Tgt Ion:106 Resp: 105460

Ion Ratio Lower Upper

106 100

91 199.5 142.0 263.8

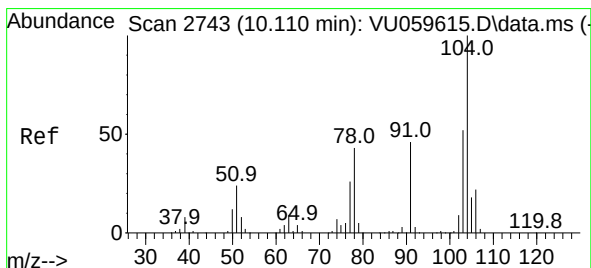
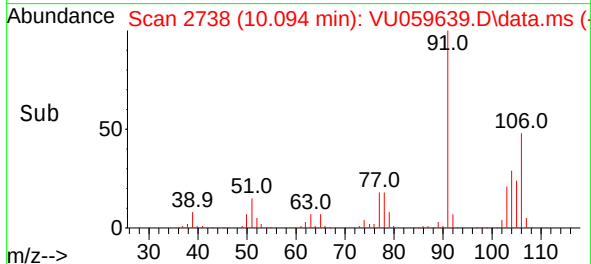
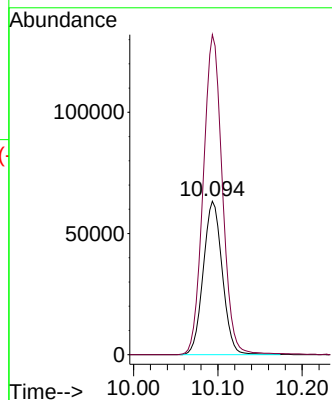
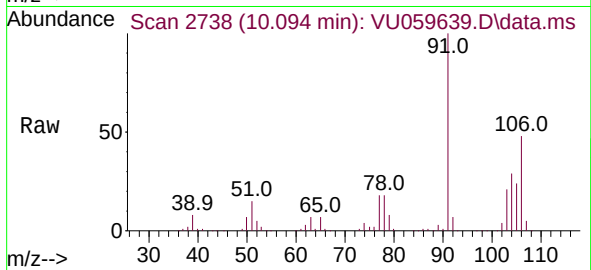




#54
o-Xylene
Concen: 5.477 ug/L
RT: 10.094 min Scan# 2738
Delta R.T. -0.000 min
Lab File: VU059639.D
Acq: 28 Jun 2024 22:38

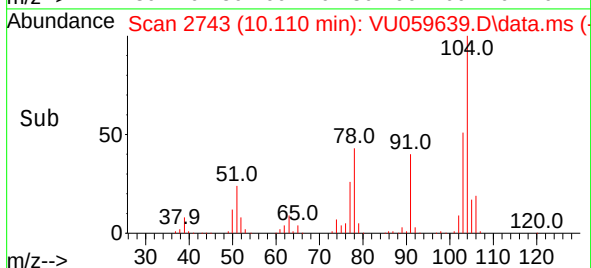
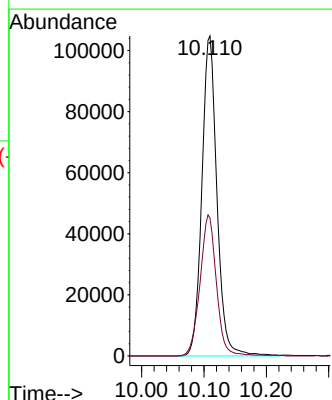
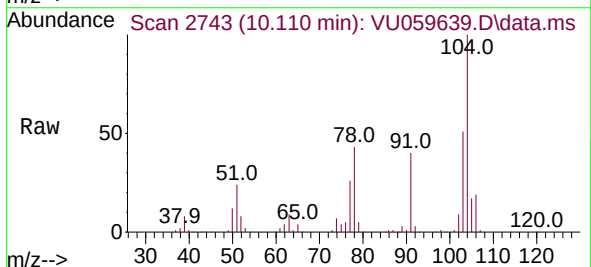
Instrument :
MSVOA_U
ClientSampleId :

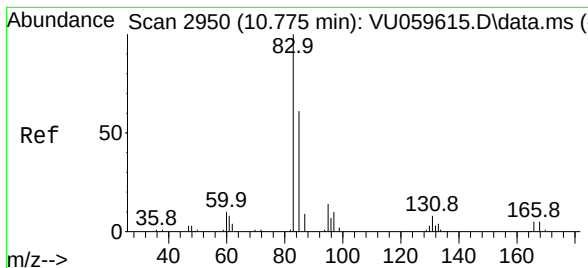
Tgt Ion:106 Resp: 99612
Ion Ratio Lower Upper
106 100
91 208.6 151.6 281.6



#55
Styrene
Concen: 5.696 ug/L
RT: 10.110 min Scan# 2743
Delta R.T. -0.000 min
Lab File: VU059639.D
Acq: 28 Jun 2024 22:38

Tgt Ion:104 Resp: 176368
Ion Ratio Lower Upper
104 100
78 43.0 32.3 60.1





#57

1,1,2,2-Tetrachloroethane

Concen: 6.054 ug/L

RT: 10.775 min Scan# 2950

Delta R.T. -0.000 min

Lab File: VU059639.D

Acq: 28 Jun 2024 22:38

Instrument :

MSVOA_U

ClientSampleId :

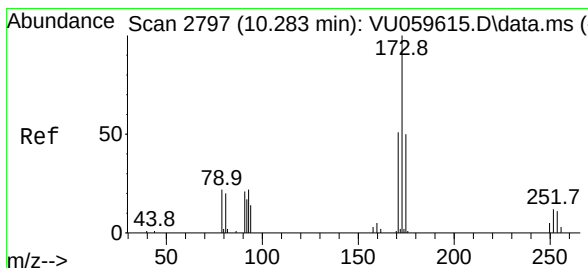
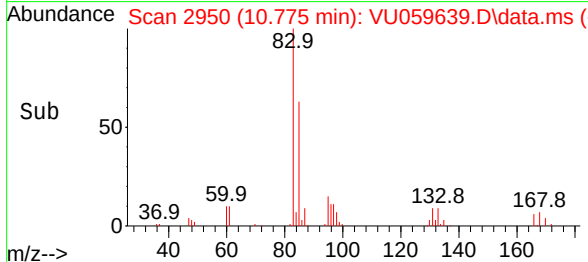
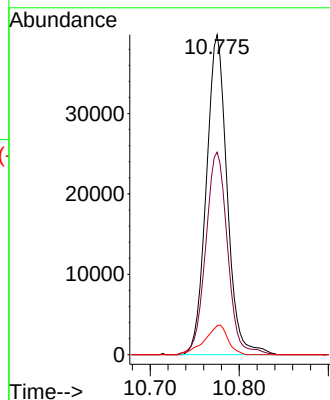
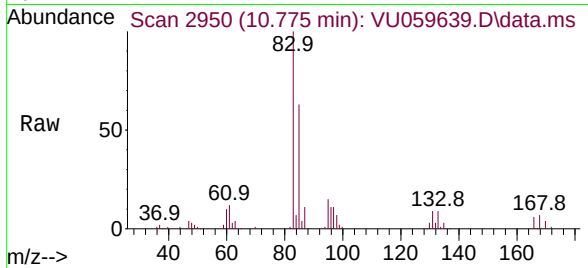
Tgt Ion: 83 Resp: 64350

Ion Ratio Lower Upper

83 100

85 63.3 44.7 82.9

131 9.1 6.9 10.3



#59

Bromoform

Concen: 5.557 ug/L

RT: 10.283 min Scan# 2797

Delta R.T. -0.000 min

Lab File: VU059639.D

Acq: 28 Jun 2024 22:38

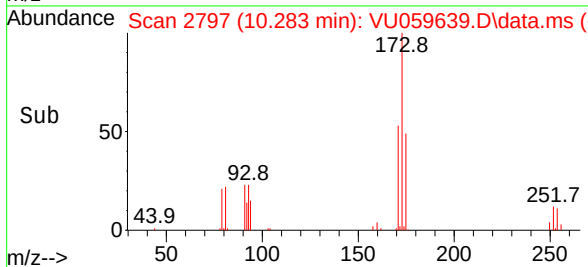
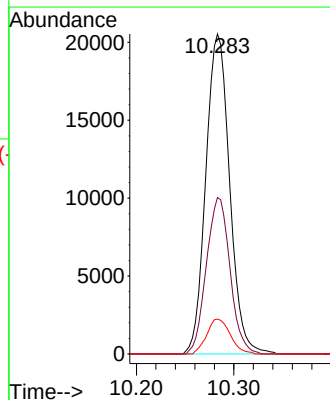
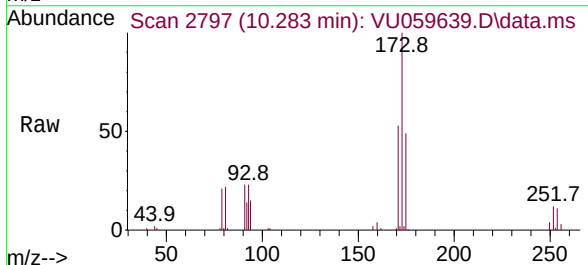
Tgt Ion:173 Resp: 34885

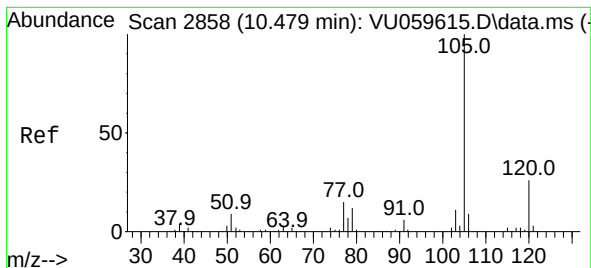
Ion Ratio Lower Upper

173 100

175 48.5 39.4 59.2

254 10.8 7.4 11.2





#60

Isopropylbenzene

Concen: 5.150 ug/L

RT: 10.476 min Scan# 21

Delta R.T. -0.003 min MSVOA_U

Lab File: VU059639.D

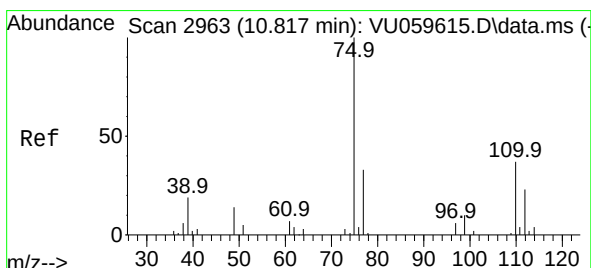
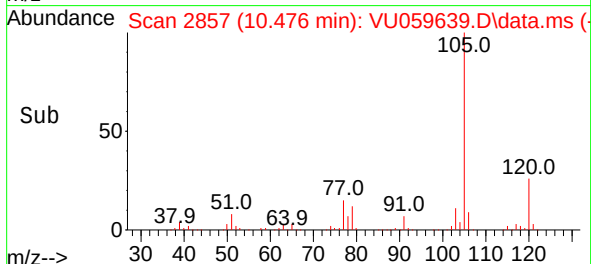
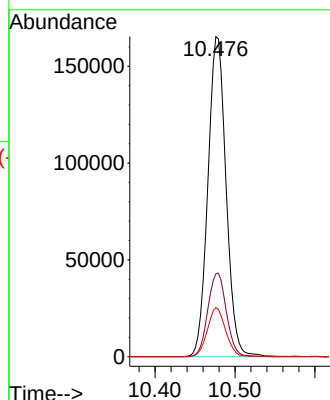
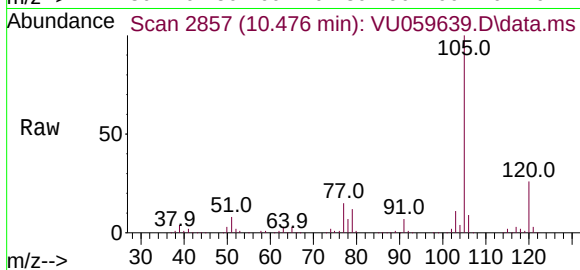
Acq: 28 Jun 2024 22:38

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:105	Resp:	260959
Ion	Ratio	Lower Upper
105	100	
120	26.6	20.6 31.0
77	15.4	12.8 19.2



#61

1,2,3-Trichloropropane

Concen: 5.675 ug/L

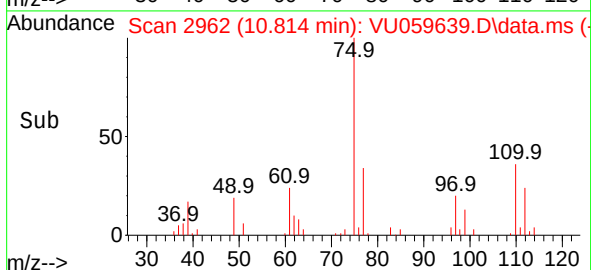
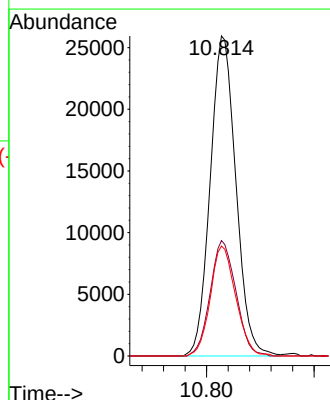
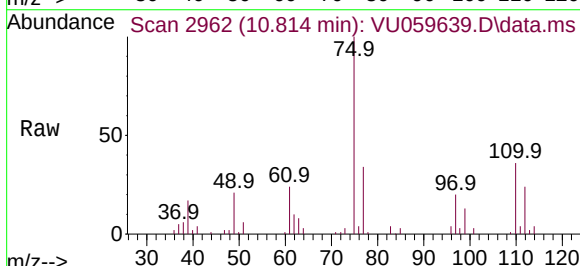
RT: 10.814 min Scan# 2962

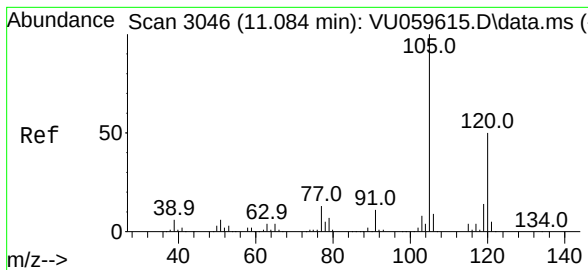
Delta R.T. -0.003 min

Lab File: VU059639.D

Acq: 28 Jun 2024 22:38

Tgt Ion: 75	Resp:	43022
Ion	Ratio	Lower Upper
75	100	
110	36.1	27.1 40.7
77	34.0	25.4 38.2

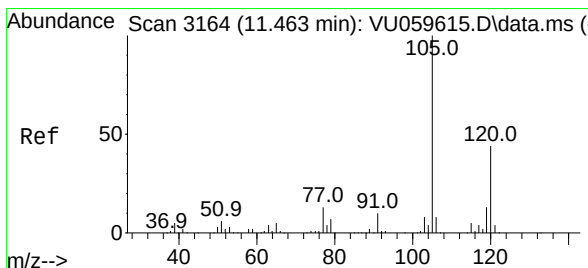
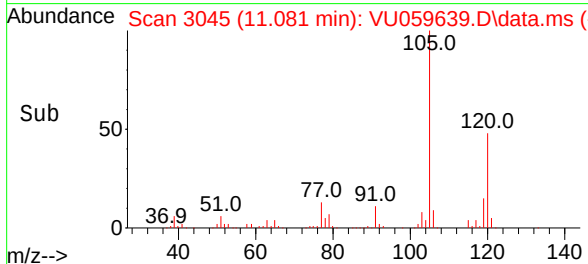
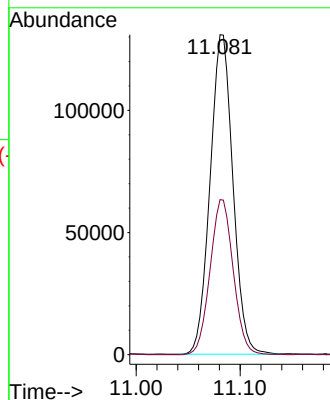
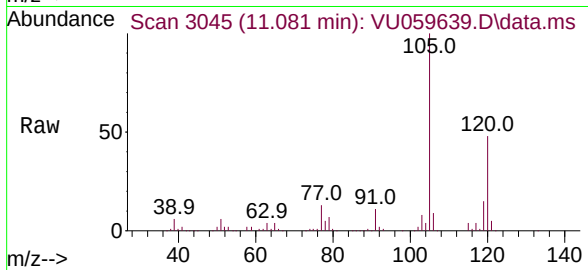




#62
1,3,5-Trimethylbenzene
Concen: 4.972 ug/L
RT: 11.081 min Scan# 3046
Delta R.T. -0.003 min
Lab File: VU059639.D
Acq: 28 Jun 2024 22:38

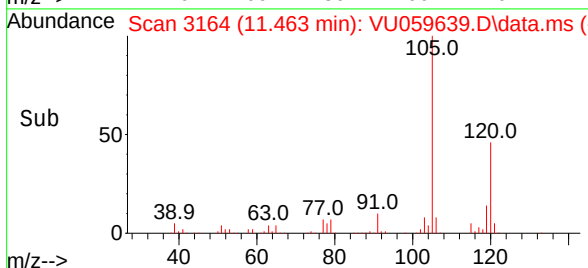
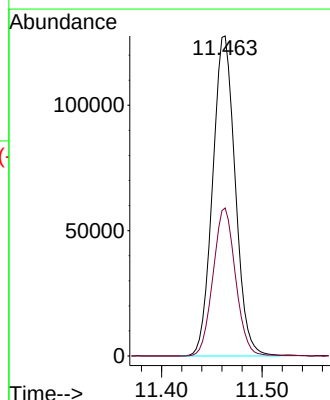
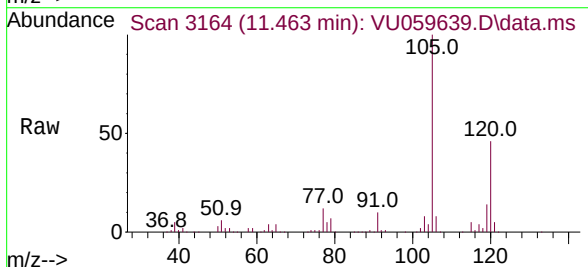
Instrument :
MSVOA_U
ClientSampleId :

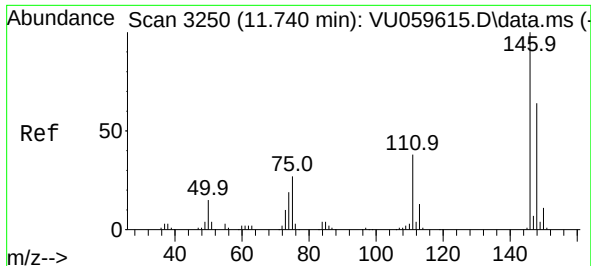
Tgt Ion:105 Resp: 199599
Ion Ratio Lower Upper
105 100
120 49.2 38.2 57.4



#63
1,2,4-Trimethylbenzene
Concen: 5.200 ug/L
RT: 11.463 min Scan# 3164
Delta R.T. -0.000 min
Lab File: VU059639.D
Acq: 28 Jun 2024 22:38

Tgt Ion:105 Resp: 199561
Ion Ratio Lower Upper
105 100
120 46.0 35.4 53.0





#64

1,3-Dichlorobenzene

Concen: 5.280 ug/L

RT: 11.740 min Scan# 3250

Delta R.T. -0.000 min

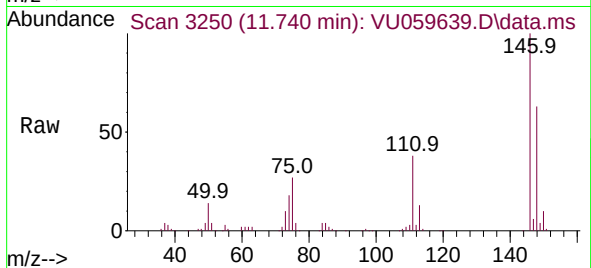
Lab File: VU059639.D

Acq: 28 Jun 2024 22:38

Instrument :

MSVOA_U

ClientSampleId :



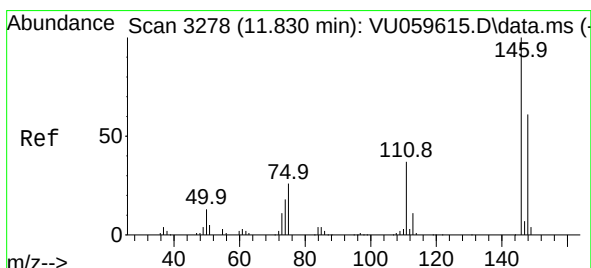
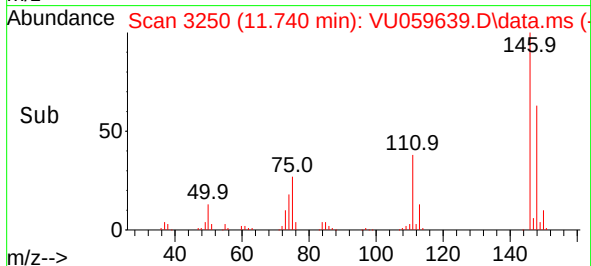
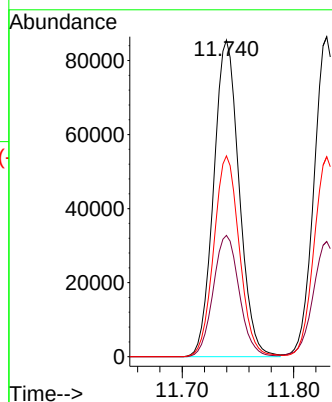
Tgt Ion:146 Resp: 136068

Ion Ratio Lower Upper

146 100

111 38.3 27.4 51.0

148 63.4 45.0 83.6



#65

1,4-Dichlorobenzene

Concen: 5.187 ug/L

RT: 11.830 min Scan# 3278

Delta R.T. -0.000 min

Lab File: VU059639.D

Acq: 28 Jun 2024 22:38

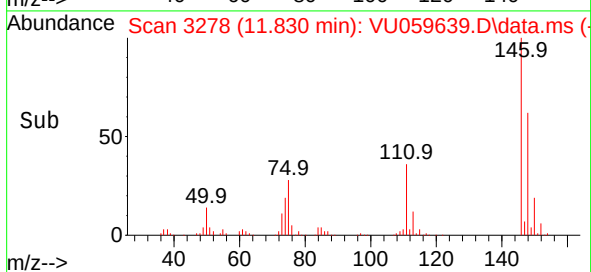
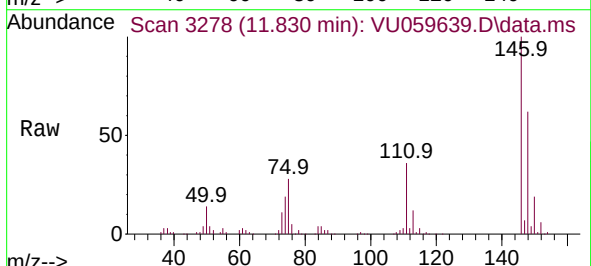
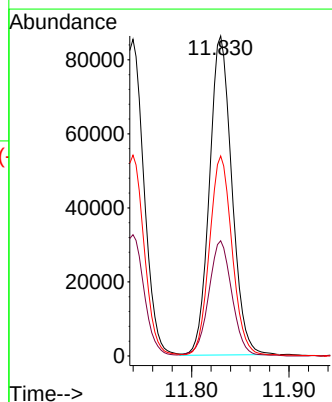
Tgt Ion:146 Resp: 137593

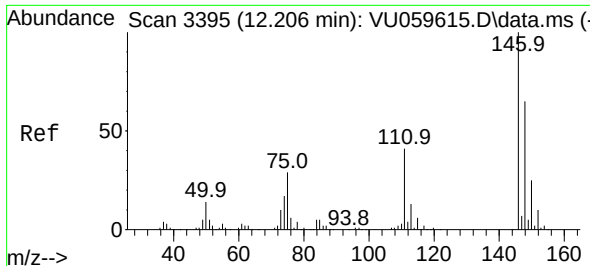
Ion Ratio Lower Upper

146 100

111 36.0 26.9 50.1

148 62.5 45.3 84.1





#67

1,2-Dichlorobenzene

Concen: 5.386 ug/L

RT: 12.206 min Scan# 3395

Delta R.T. -0.000 min

Lab File: VU059639.D

Acq: 28 Jun 2024 22:38

Instrument :

MSVOA_U

ClientSampleId :

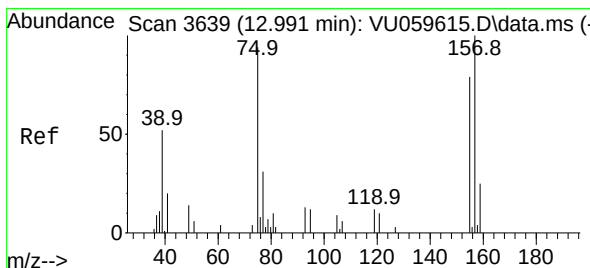
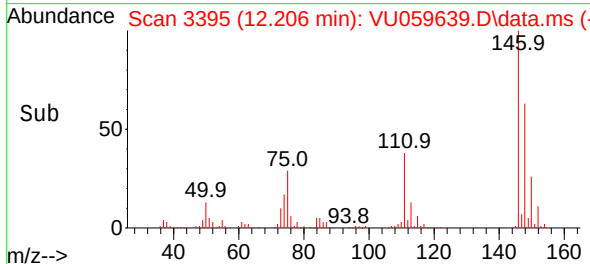
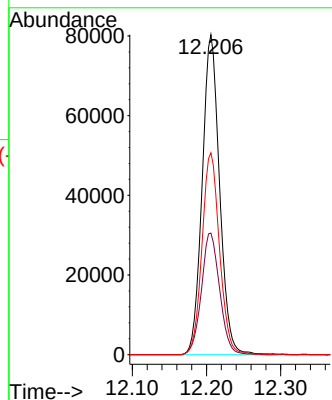
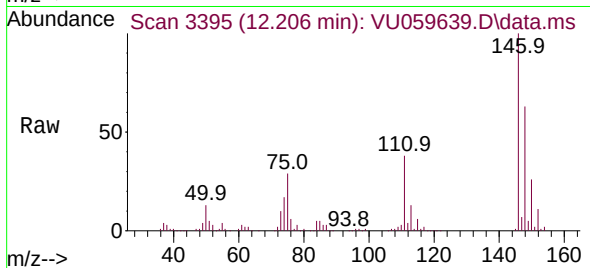
Tgt Ion:146 Resp: 130637

Ion Ratio Lower Upper

146 100

111 38.0 33.4 50.0

148 63.1 49.7 74.5



#68

1,2-Dibromo-3-chloropropane

Concen: 6.364 ug/L

RT: 12.990 min Scan# 3639

Delta R.T. -0.000 min

Lab File: VU059639.D

Acq: 28 Jun 2024 22:38

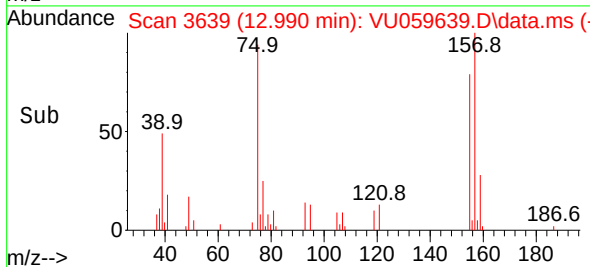
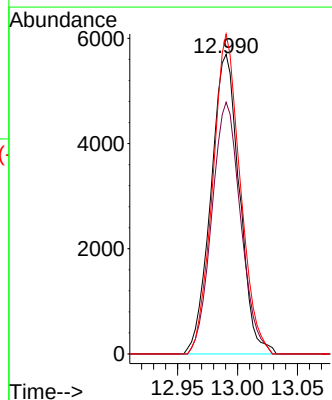
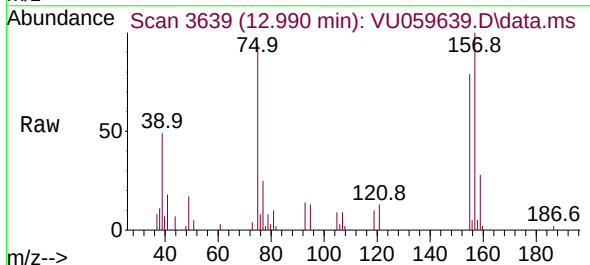
Tgt Ion: 75 Resp: 9410

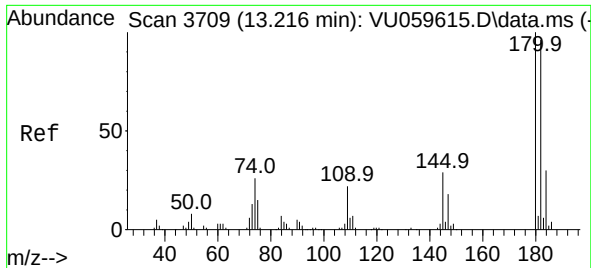
Ion Ratio Lower Upper

75 100

155 84.0 58.2 87.2

157 106.8 80.0 120.0





#69

1,3,5-Trichlorobenzene

Concen: 5.234 ug/L

RT: 13.212 min Scan# 31

Delta R.T. -0.003 min

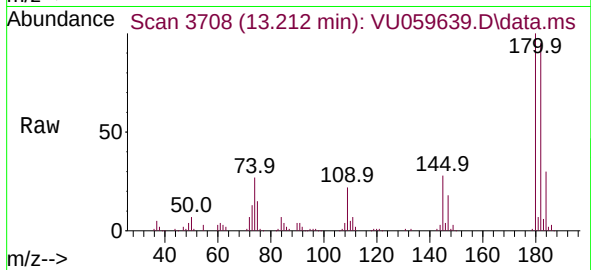
Lab File: VU059639.D

Acq: 28 Jun 2024 22:38

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:180 Resp: 99843

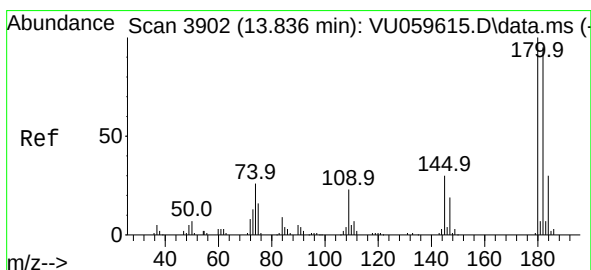
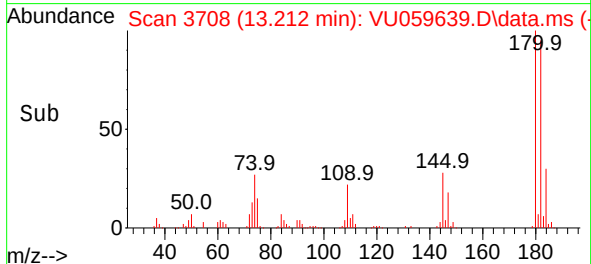
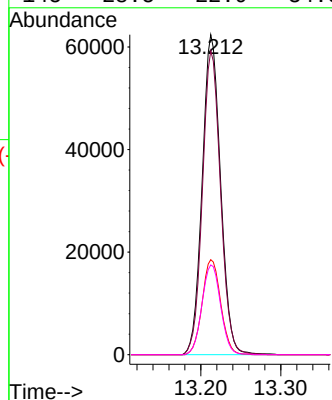
Ion Ratio Lower Upper

180 100

182 93.5 75.4 113.0

184 30.0 23.0 34.6

145 28.5 22.9 34.3



#70

1,2,4-trichlorobenzene

Concen: 5.525 ug/L

RT: 13.833 min Scan# 3901

Delta R.T. -0.003 min

Lab File: VU059639.D

Acq: 28 Jun 2024 22:38

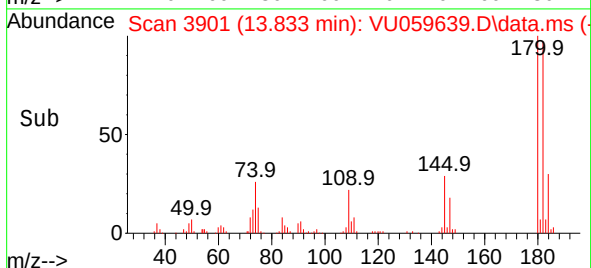
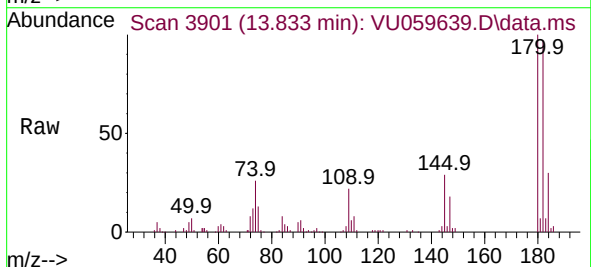
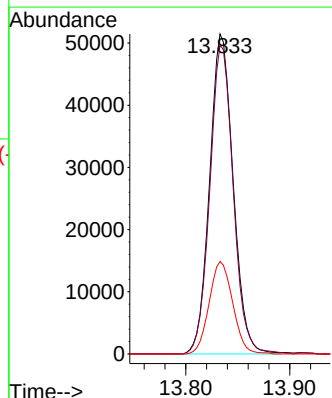
Tgt Ion:180 Resp: 80853

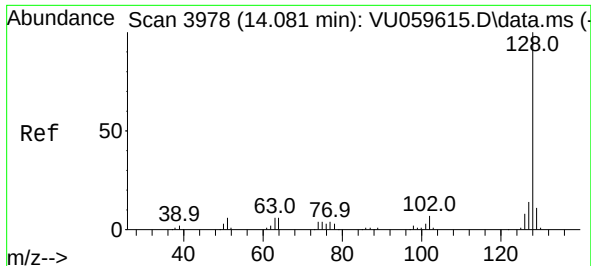
Ion Ratio Lower Upper

180 100

182 96.0 74.9 112.3

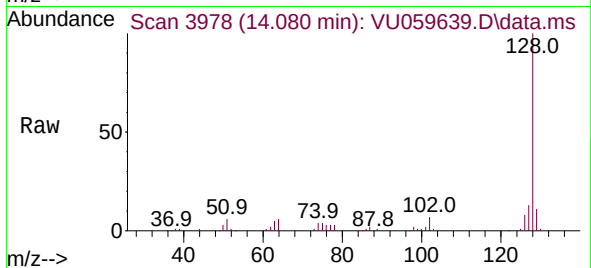
145 28.9 23.9 35.9



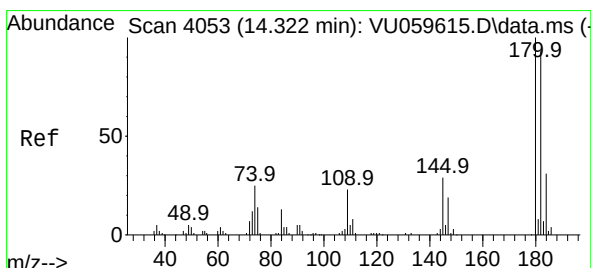
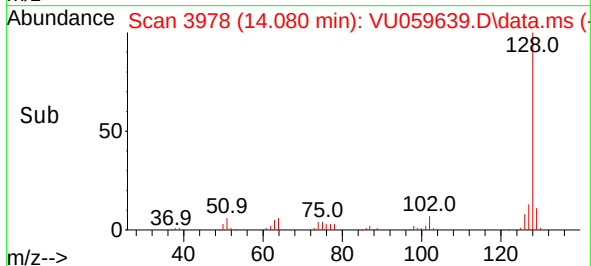
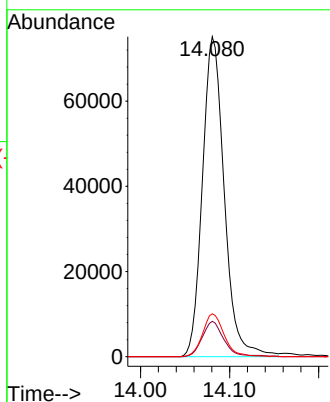


#71
Naphthalene
Concen: 6.108 ug/L
RT: 14.080 min Scan# 3978
Delta R.T. -0.000 min
Lab File: VU059639.D
Acq: 28 Jun 2024 22:38

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:128 Resp: 127951
Ion Ratio Lower Upper
128 100
129 11.0 8.2 12.4
127 13.3 10.2 15.4



#72
1,2,3-Trichlorobenzene
Concen: 5.695 ug/L
RT: 14.322 min Scan# 4053
Delta R.T. -0.000 min
Lab File: VU059639.D
Acq: 28 Jun 2024 22:38

Tgt Ion:180 Resp: 77382
Ion Ratio Lower Upper
180 100
182 96.6 77.0 115.6
145 31.4 26.2 39.4

