

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062924\
 Data File : VU059638.D
 Acq On : 28 Jun 2024 22:17
 Operator : MD/SY
 Sample : P3059-04MS
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jun 29 00:01:40 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	143946	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	152393	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	81175	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	35589	3.556	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	71.200%
7) Chloroethane-d5	1.907	69	40134	4.167	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	83.400%
11) 1,1-Dichloroethene-d2	2.560	65	16057	3.867	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	77.400%
20) 2-Butanone-d5	4.618	46	119660	58.037	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	116.080%
24) Chloroform-d	5.055	84	96768	4.710	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.200%
26) 1,2-Dichloroethane-d4	5.695	65	46077	4.656	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.200%
32) Benzene-d6	5.721	84	184941	4.410	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.200%
36) 1,2-Dichloropropane-d6	6.682	67	58716	4.569	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.400%
41) Toluene-d8	7.891	98	176475	4.526	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.600%
43) trans-1,3-Dichloroprop...	8.174	79	19587	4.867	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	97.400%
46) 2-Hexanone-d5	8.627	63	103368	61.819	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	123.640%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	55692	5.245	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.800%
66) 1,2-Dichlorobenzene-d4	12.187	152	67866	4.697	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.380	85	59282	4.860	ug/L	98
3) Chloromethane	1.518	50	66262	5.047	ug/L	98
5) Vinyl chloride	1.602	62	72815	5.021	ug/L	98
6) Bromomethane	1.853	94	40543	4.021	ug/L	96
8) Chloroethane	1.927	64	46614	5.335	ug/L	99
9) Trichlorofluoromethane	2.132	101	90397	5.178	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	57579	5.210	ug/L	96
12) 1,1-Dichloroethene	2.576	96	52241	5.117	ug/L	79
13) Acetone	2.447	43	1494382	1117.343	ug/L	46
14) Carbon disulfide	2.785	76	181986	5.343	ug/L	99
15) Methyl Acetate	2.801	43	5645872	1599.674	ug/L #	52
16) Methylene chloride	3.036	84	61355	5.072	ug/L	91
17) Methyl tert-butyl Ether	3.354	73	127792	5.809	ug/L	98
18) trans-1,2-Dichloroethene	3.348	96	56576	5.329	ug/L	91
19) 1,1-Dichloroethane	3.859	63	103971	5.310	ug/L	98
21) 2-Butanone	4.698	43	130787	60.968	ug/L	89
22) cis-1,2-Dichloroethene	4.660	96	63230	5.403	ug/L	95
23) Bromochloromethane	4.968	128	30050	5.632	ug/L	91
25) Chloroform	5.081	83	110032	5.336	ug/L	99

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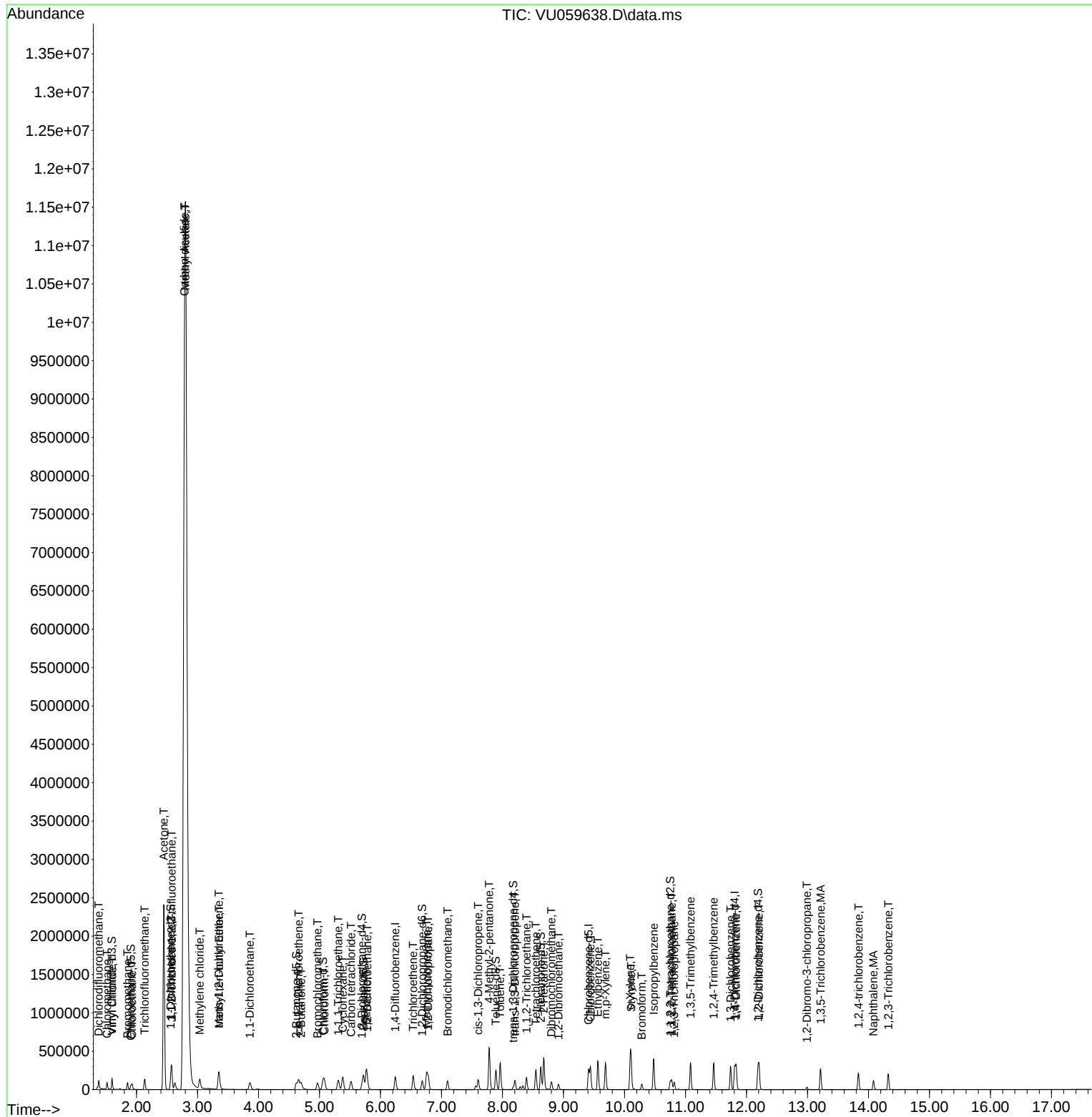
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	68430	5.476	ug/L	100
29) 1,1,1-Trichloroethane	5.309	97	89143	5.065	ug/L	98
30) Cyclohexane	5.380	56	75487	4.859	ug/L	93
31) Carbon tetrachloride	5.518	117	74833	5.079	ug/L	99
33) Benzene	5.766	78	240237	5.191	ug/L	100
34) Trichloroethene	6.534	95	63454	5.063	ug/L	96
35) Methylcyclohexane	6.756	83	84204	4.722	ug/L	95
37) 1,2-Dichloropropane	6.782	63	66892	5.586	ug/L #	97
38) Bromodichloromethane	7.100	83	77967	5.216	ug/L #	96
39) cis-1,3-Dichloropropene	7.602	75	82793	5.055	ug/L	97
40) 4-Methyl-2-pentanone	7.782	43	328462	59.189	ug/L #	96
42) Toluene	7.962	91	265535	5.420	ug/L	100
44) trans-1,3-Dichloropropene	8.203	75	70266	5.345	ug/L	100
45) 1,1,2-Trichloroethane	8.393	97	49521	5.611	ug/L	100
47) Tetrachloroethene	8.547	164	61156	6.288	ug/L	96
48) 2-Hexanone	8.676	43	241879	61.073	ug/L #	94
49) Dibromochloromethane	8.801	129	53607	5.483	ug/L	100
50) 1,2-Dibromoethane	8.917	107	46496	5.705	ug/L	100
51) Chlorobenzene	9.441	112	164699	5.300	ug/L	96
52) Ethylbenzene	9.563	91	257587	5.125	ug/L	96
53) m,p-Xylene	9.688	106	101244	5.245	ug/L	99
54) o-Xylene	10.093	106	96383	5.261	ug/L	99
55) Styrene	10.110	104	170956	5.482	ug/L	95
57) 1,1,2,2-Tetrachloroethane	10.775	83	62945	5.880	ug/L	99
59) Bromoform	10.283	173	33776	5.437	ug/L	98
60) Isopropylbenzene	10.479	105	253596	5.057	ug/L	99
61) 1,2,3-Trichloropropane	10.814	75	42982	5.730	ug/L	98
62) 1,3,5-Trimethylbenzene	11.084	105	190955	4.807	ug/L	98
63) 1,2,4-Trimethylbenzene	11.463	105	187585	4.939	ug/L	97
64) 1,3-Dichlorobenzene	11.740	146	130725	5.126	ug/L	100
65) 1,4-Dichlorobenzene	11.830	146	131603	5.013	ug/L	98
67) 1,2-Dichlorobenzene	12.206	146	124326	5.180	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.990	75	8864	6.058	ug/L	88
69) 1,3,5-Trichlorobenzene	13.216	180	91990	4.873	ug/L	99
70) 1,2,4-trichlorobenzene	13.836	180	72259	4.989	ug/L	98
71) Naphthalene	14.080	128	103386	4.988	ug/L	100
72) 1,2,3-Trichlorobenzene	14.325	180	68178	5.070	ug/L	98

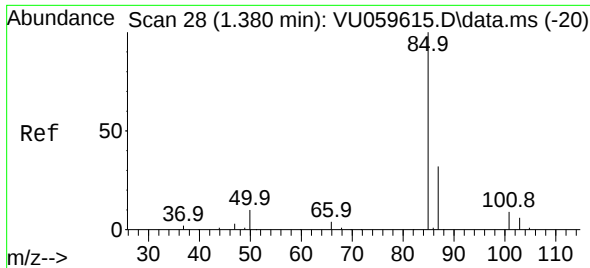
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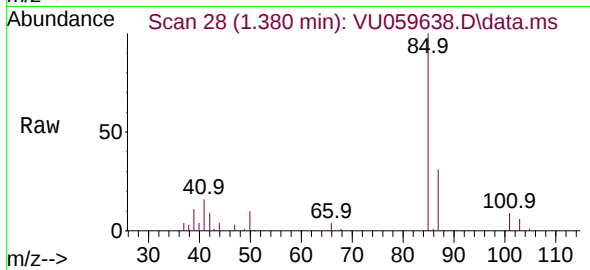
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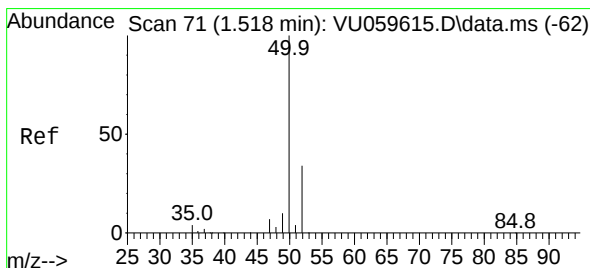
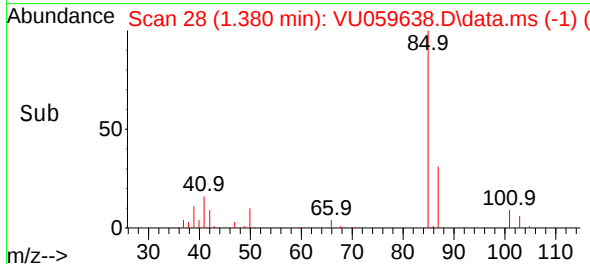
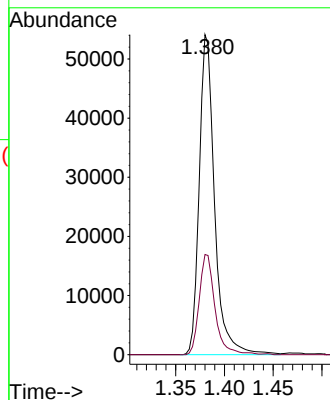


#2
 Dichlorodifluoromethane
 Concen: 4.860 ug/L
 RT: 1.380 min Scan# 28
 Delta R.T. -0.000 min
 Lab File: VU059638.D
 Acq: 28 Jun 2024 22:17

Instrument :
 MSVOA_U
 ClientSampleId :

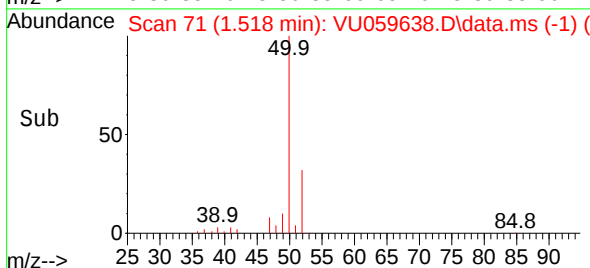
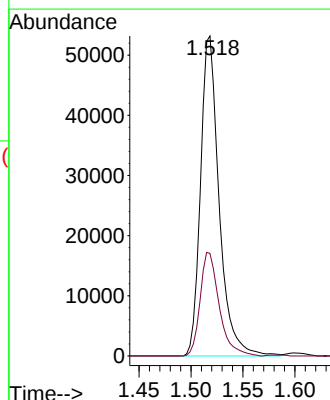
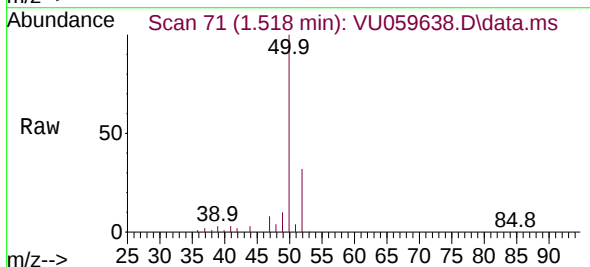


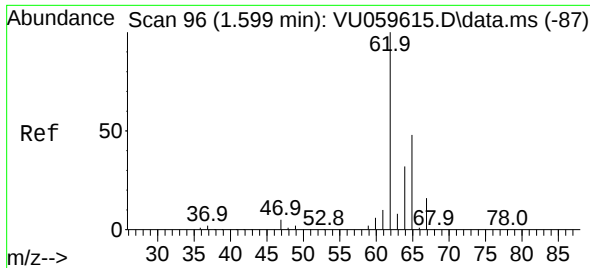
Tgt Ion: 85 Resp: 59282
 Ion Ratio Lower Upper
 85 100
 87 32.2 26.6 40.0



#3
 Chloromethane
 Concen: 5.047 ug/L
 RT: 1.518 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: VU059638.D
 Acq: 28 Jun 2024 22:17

Tgt Ion: 50 Resp: 66262
 Ion Ratio Lower Upper
 50 100
 52 32.0 23.2 43.0

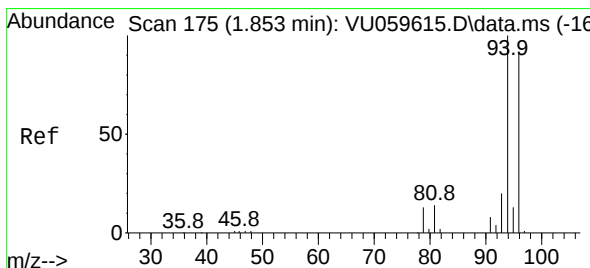
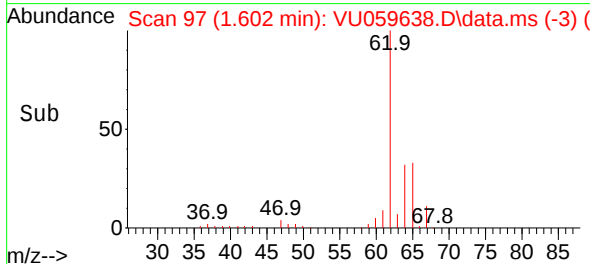
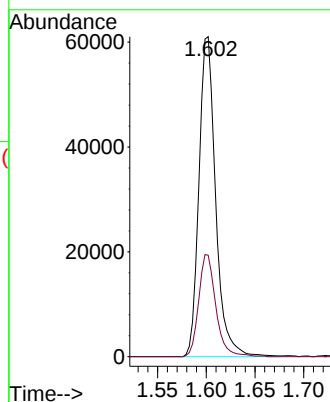
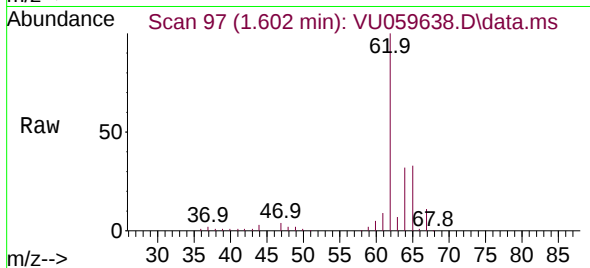




#5
 Vinyl chloride
 Concen: 5.021 ug/L
 RT: 1.602 min Scan# 91
 Delta R.T. 0.003 min
 Lab File: VU059638.D
 Acq: 28 Jun 2024 22:17

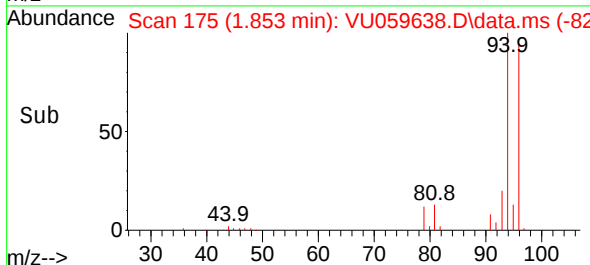
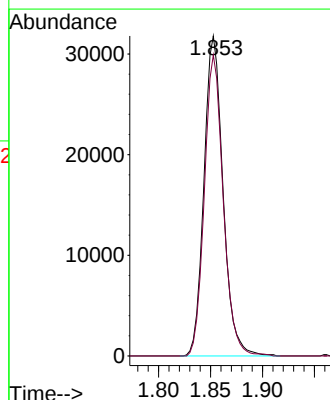
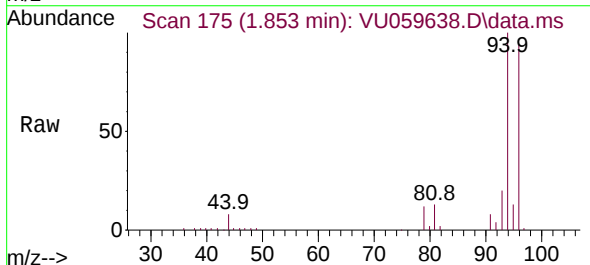
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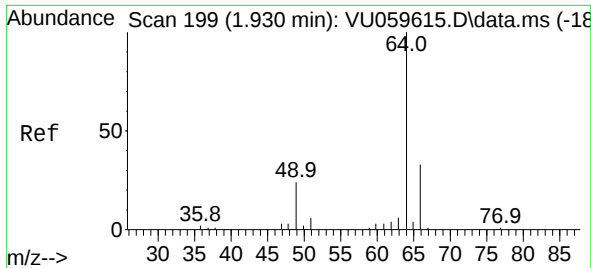
Tgt Ion: 62 Resp: 72815
 Ion Ratio Lower Upper
 62 100
 64 31.7 23.1 42.9



#6
 Bromomethane
 Concen: 4.021 ug/L
 RT: 1.853 min Scan# 175
 Delta R.T. -0.000 min
 Lab File: VU059638.D
 Acq: 28 Jun 2024 22:17

Tgt Ion: 94 Resp: 40543
 Ion Ratio Lower Upper
 94 100
 96 94.1 62.9 116.9

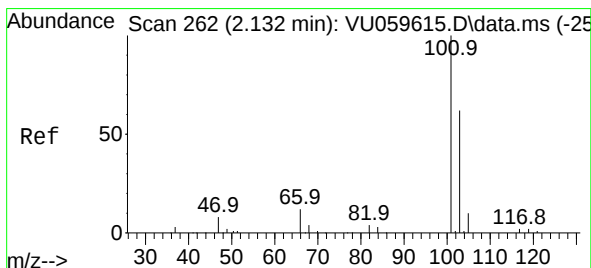
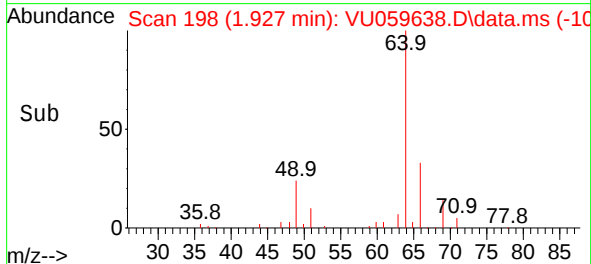
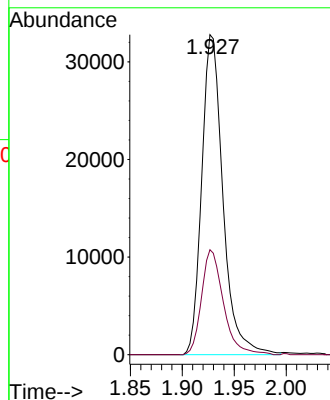
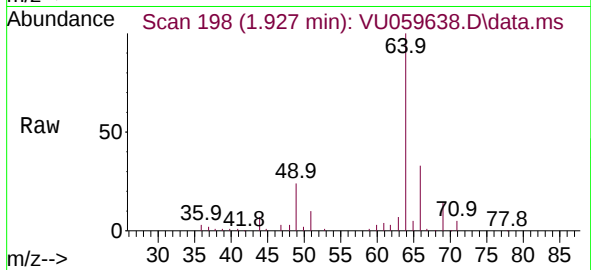




#8
Chloroethane
Concen: 5.335 ug/L
RT: 1.927 min Scan# 199
Delta R.T. -0.003 min
Lab File: VU059638.D
Acq: 28 Jun 2024 22:17

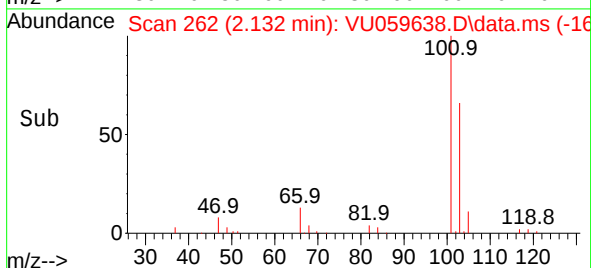
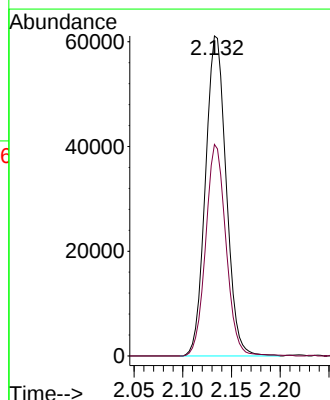
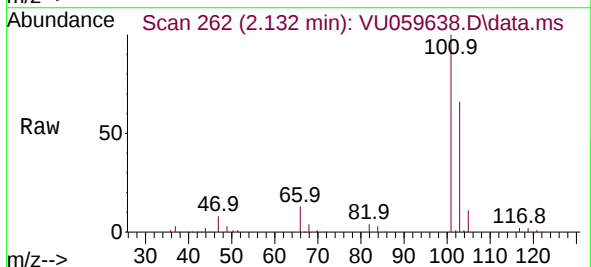
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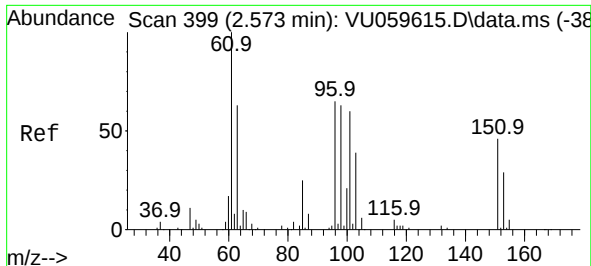
Tgt Ion: 64 Resp: 46614
Ion Ratio Lower Upper
64 100
66 32.8 23.2 43.2



#9
Trichlorofluoromethane
Concen: 5.178 ug/L
RT: 2.132 min Scan# 262
Delta R.T. -0.000 min
Lab File: VU059638.D
Acq: 28 Jun 2024 22:17

Tgt Ion:101 Resp: 90397
Ion Ratio Lower Upper
101 100
103 64.8 52.6 79.0

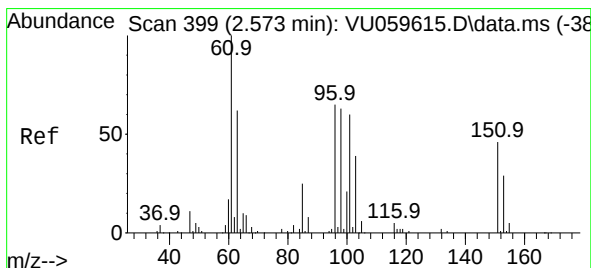
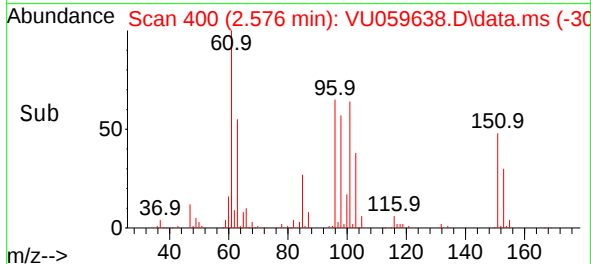
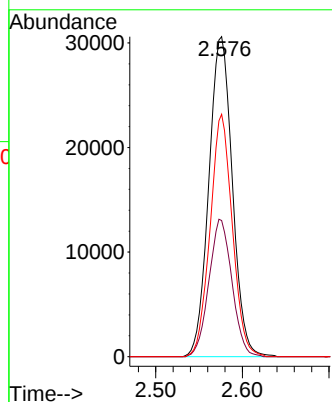
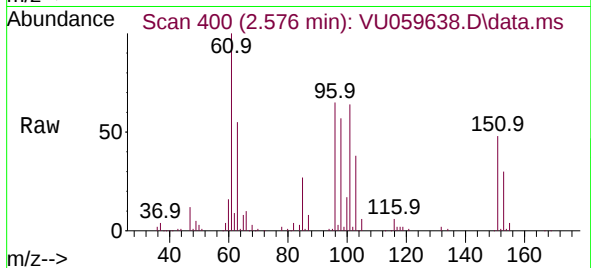




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 5.210 ug/L
RT: 2.576 min Scan# 400
Delta R.T. 0.003 min
Lab File: VU059638.D
Acq: 28 Jun 2024 22:17

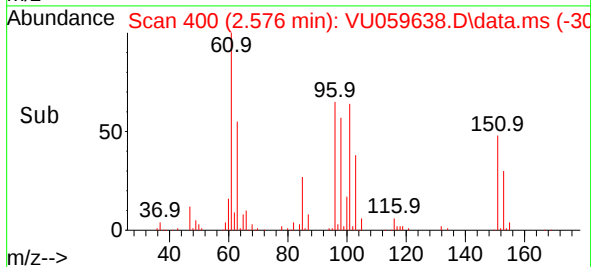
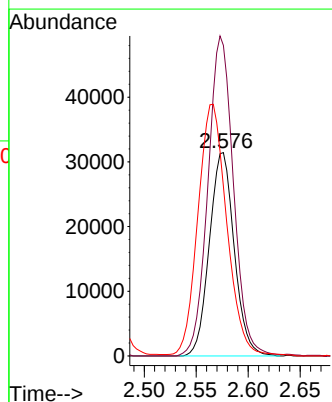
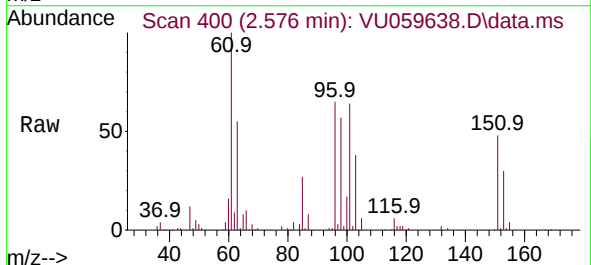
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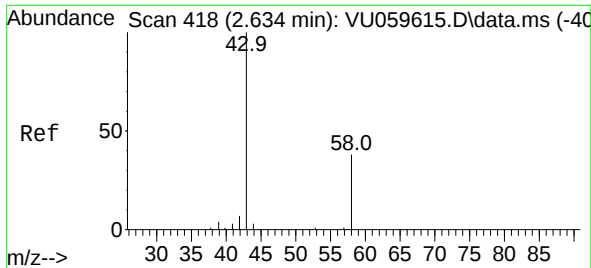
Tgt Ion:101 Resp: 57579
Ion Ratio Lower Upper
101 100
85 42.0 36.2 54.4
151 71.7 55.5 83.3



#12
1,1-Dichloroethene
Concen: 5.117 ug/L
RT: 2.576 min Scan# 400
Delta R.T. 0.003 min
Lab File: VU059638.D
Acq: 28 Jun 2024 22:17

Tgt Ion: 96 Resp: 52241
Ion Ratio Lower Upper
96 100
61 152.7 122.9 228.3
63 83.4 80.4 149.4

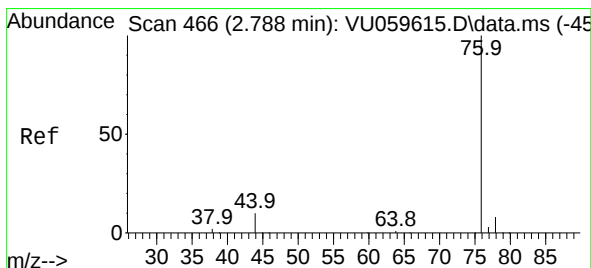
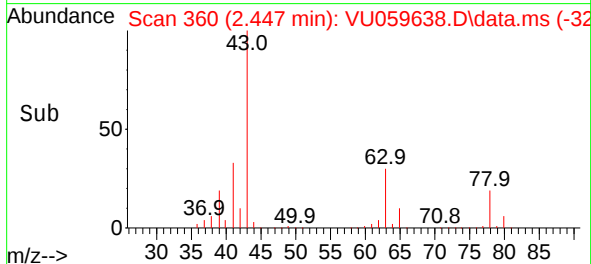
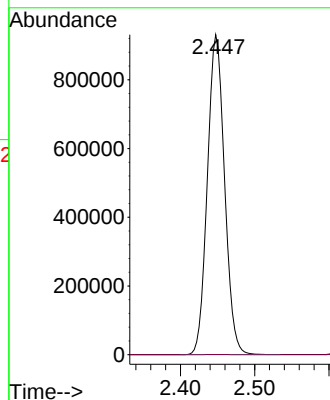
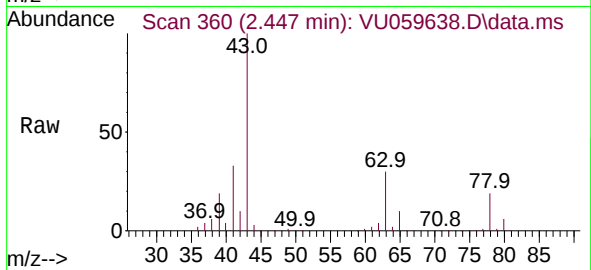




#13
Acetone
Concen: 1117.343 ug/L
RT: 2.447 min Scan# 30
Delta R.T. -0.187 min
Lab File: VU059638.D
Acq: 28 Jun 2024 22:17

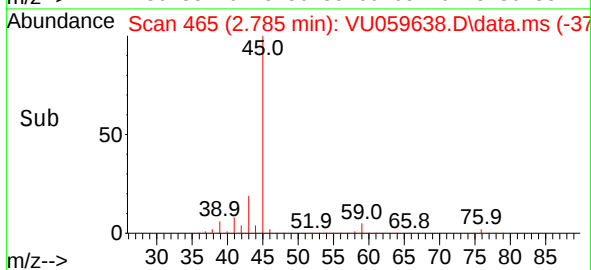
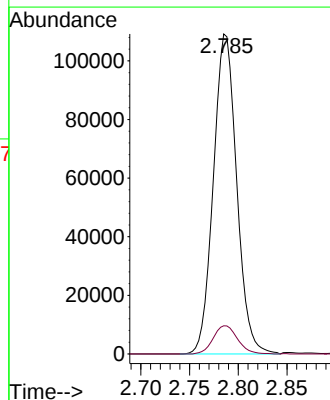
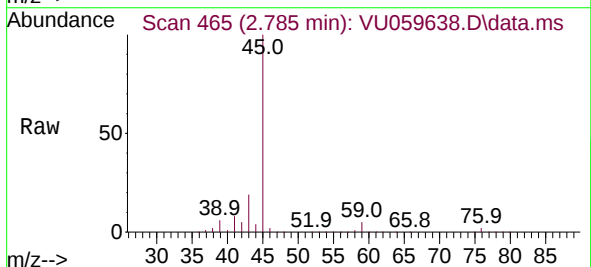
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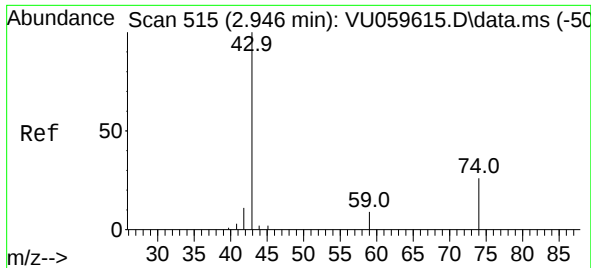
Tgt Ion: 43 Resp: 1494382
Ion Ratio Lower Upper
43 100
58 2.8 0.0 68.0



#14
Carbon disulfide
Concen: 5.343 ug/L
RT: 2.785 min Scan# 465
Delta R.T. -0.003 min
Lab File: VU059638.D
Acq: 28 Jun 2024 22:17

Tgt Ion: 76 Resp: 181986
Ion Ratio Lower Upper
76 100
78 8.8 7.3 10.9





#15

Methyl Acetate

Concen: 1599.674 ug/L

RT: 2.801 min Scan# 41

Delta R.T. -0.145 min

Lab File: VU059638.D

Acq: 28 Jun 2024 22:17

Instrument :

MSVOA_U

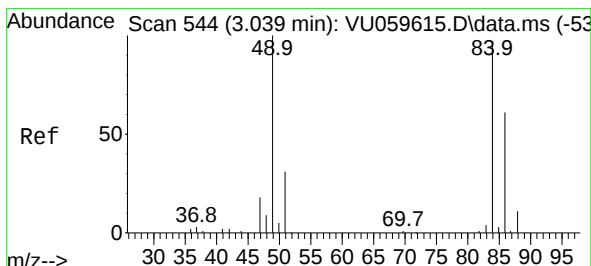
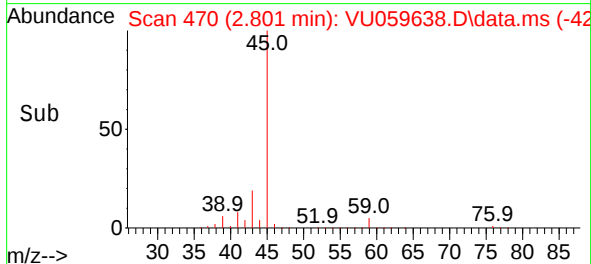
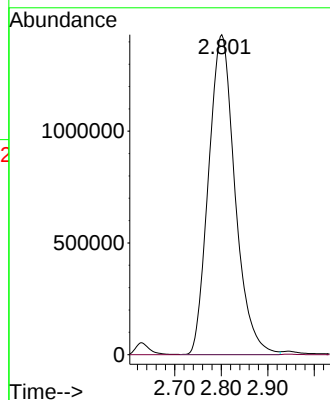
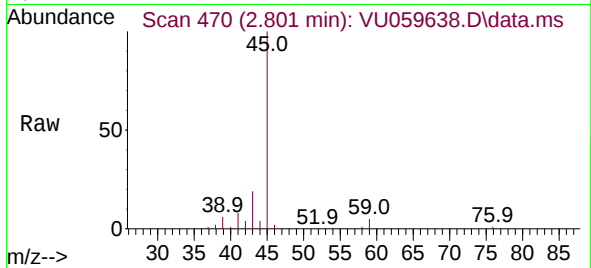
ClientSampleId :

Tgt Ion: 43 Resp: 5645872

Ion Ratio Lower Upper

43 100

74 0.1 19.2 28.8#



#16

Methylene chloride

Concen: 5.072 ug/L

RT: 3.036 min Scan# 543

Delta R.T. -0.003 min

Lab File: VU059638.D

Acq: 28 Jun 2024 22:17

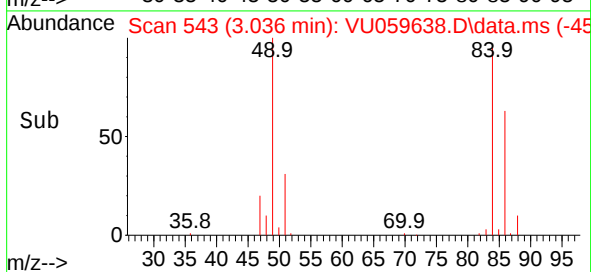
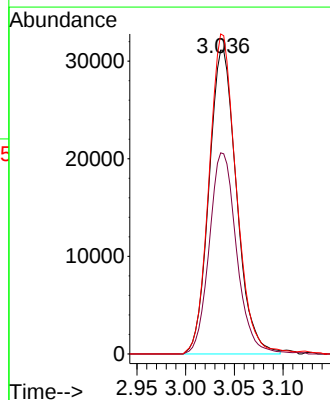
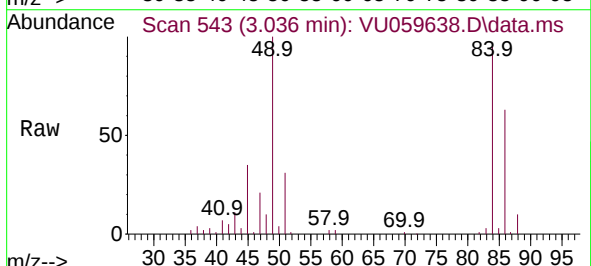
Tgt Ion: 84 Resp: 61355

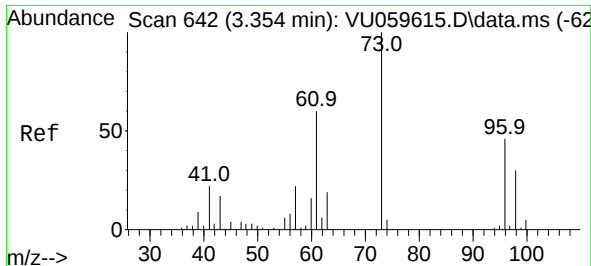
Ion Ratio Lower Upper

84 100

86 66.2 42.1 78.1

49 105.3 80.6 149.8

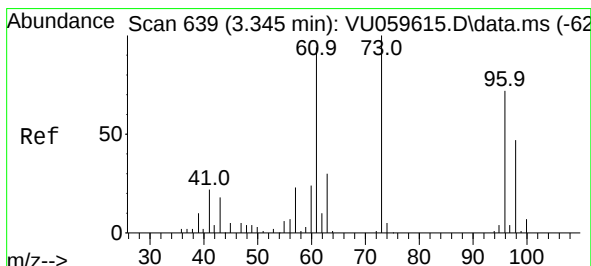
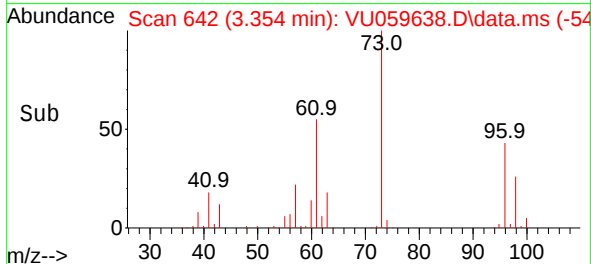
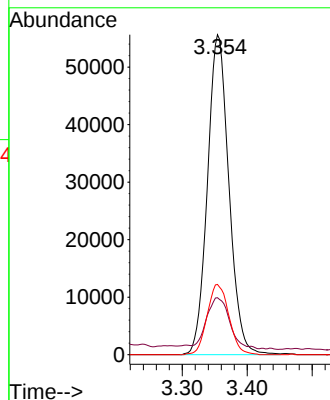
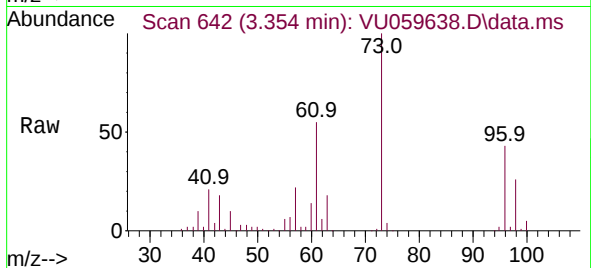




#17
Methyl tert-butyl Ether
Concen: 5.809 ug/L
RT: 3.354 min Scan# 642
Delta R.T. -0.000 min
Lab File: VU059638.D
Acq: 28 Jun 2024 22:17

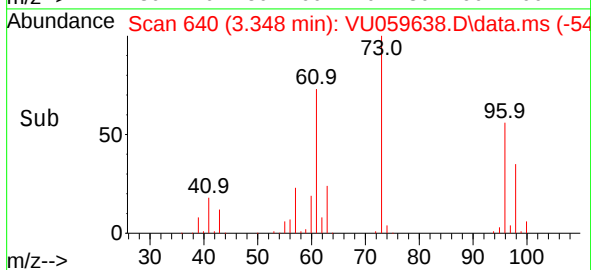
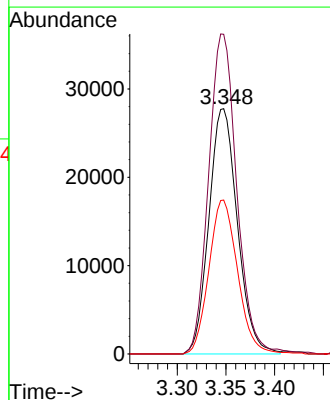
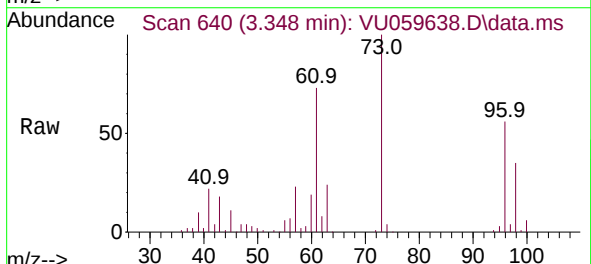
Instrument :
MSVOA_U
ClientSampleId :

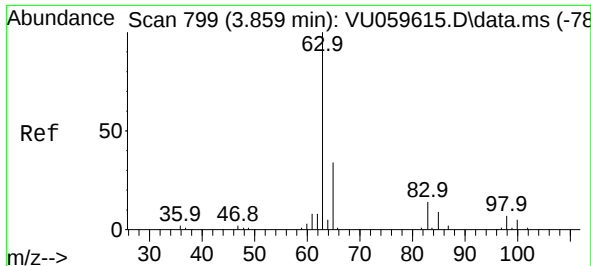
Tgt Ion: 73 Resp: 127792
Ion Ratio Lower Upper
73 100
43 17.1 14.9 22.3
57 22.3 18.0 27.0



#18
trans-1,2-Dichloroethene
Concen: 5.329 ug/L
RT: 3.348 min Scan# 640
Delta R.T. 0.003 min
Lab File: VU059638.D
Acq: 28 Jun 2024 22:17

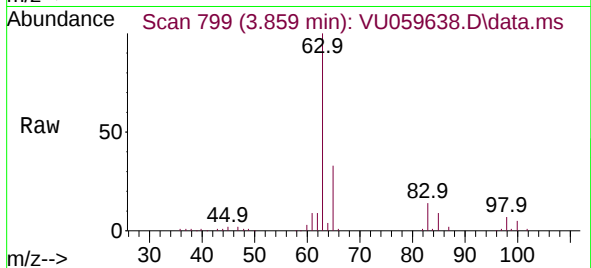
Tgt Ion: 96 Resp: 56576
Ion Ratio Lower Upper
96 100
61 130.3 101.8 189.0
98 62.7 43.3 80.5



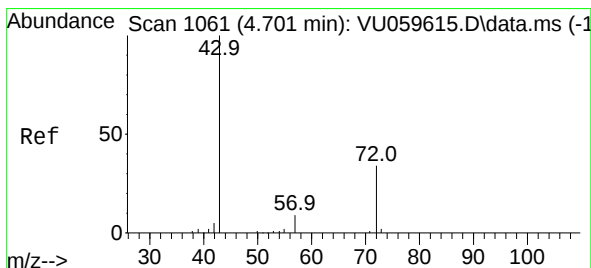
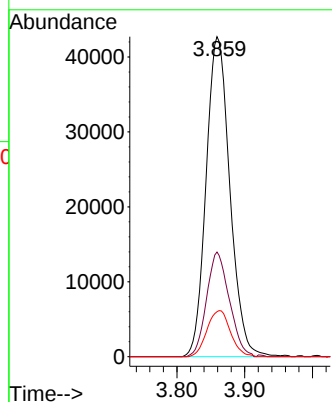
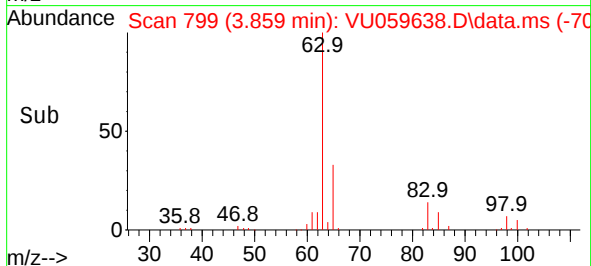


#19
1,1-Dichloroethane
Concen: 5.310 ug/L
RT: 3.859 min Scan# 799
Delta R.T. -0.000 min
Lab File: VU059638.D
Acq: 28 Jun 2024 22:17

Instrument :
MSVOA_U
ClientSampleId :

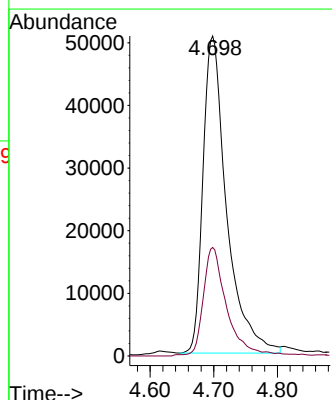
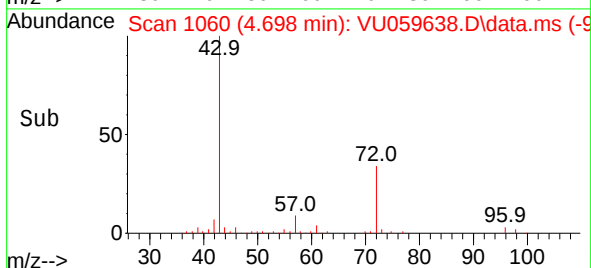
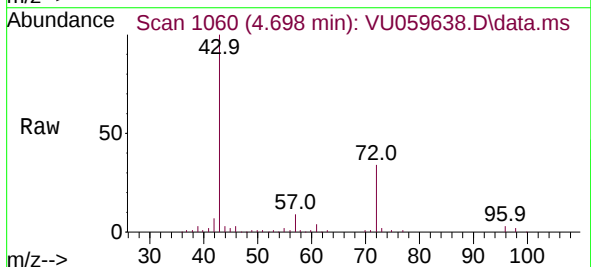


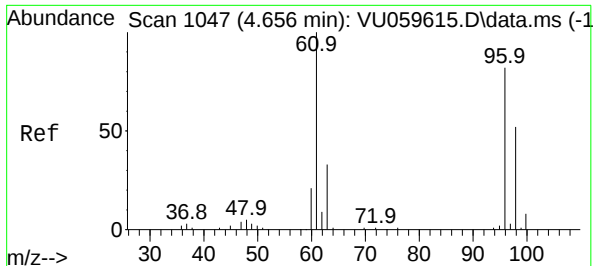
Tgt Ion: 63 Resp: 103971
Ion Ratio Lower Upper
63 100
65 32.7 21.8 40.6
83 14.1 9.9 18.5



#21
2-Butanone
Concen: 60.968 ug/L
RT: 4.698 min Scan# 1060
Delta R.T. -0.003 min
Lab File: VU059638.D
Acq: 28 Jun 2024 22:17

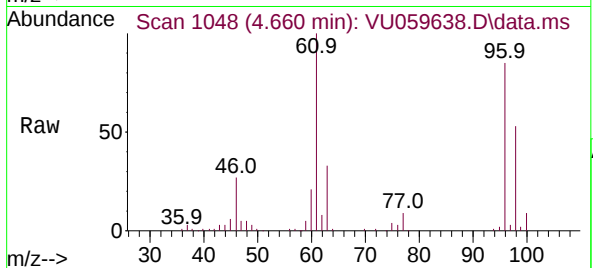
Tgt Ion: 43 Resp: 130787
Ion Ratio Lower Upper
43 100
72 33.2 13.8 41.4



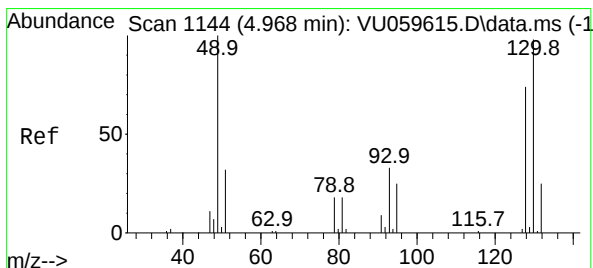
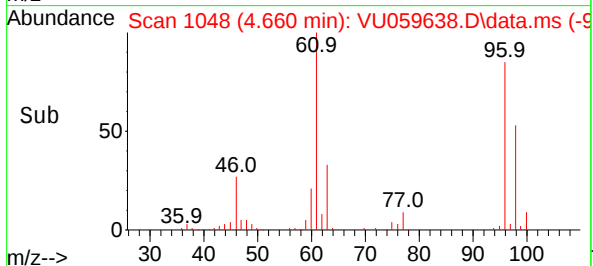
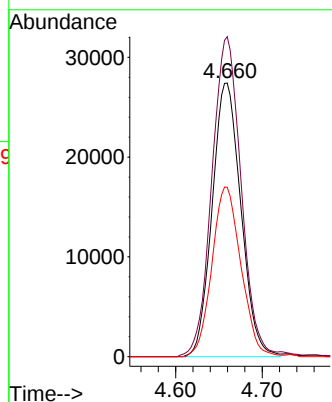


#22
 cis-1,2-Dichloroethene
 Concen: 5.403 ug/L
 RT: 4.660 min Scan# 1047
 Delta R.T. 0.003 min
 Lab File: VU059638.D
 Acq: 28 Jun 2024 22:17

Instrument :
 MSVOA_U
 ClientSampleId :

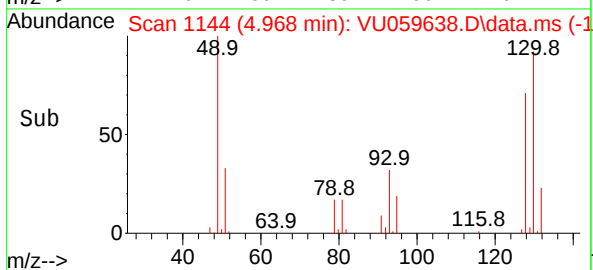
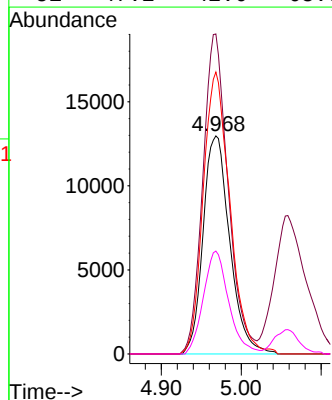
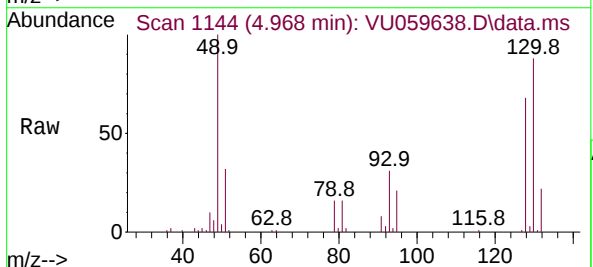


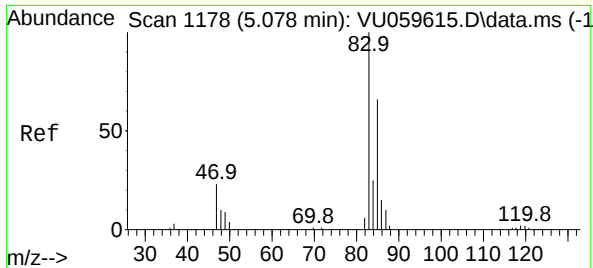
Tgt Ion: 96 Resp: 63230
 Ion Ratio Lower Upper
 96 100
 61 117.0 87.4 162.2
 98 61.9 42.3 78.5



#23
 Bromochloromethane
 Concen: 5.632 ug/L
 RT: 4.968 min Scan# 1144
 Delta R.T. -0.000 min
 Lab File: VU059638.D
 Acq: 28 Jun 2024 22:17

Tgt Ion:128 Resp: 30050
 Ion Ratio Lower Upper
 128 100
 49 146.8 117.0 217.4
 130 129.3 89.6 166.4
 51 47.2 42.0 63.0

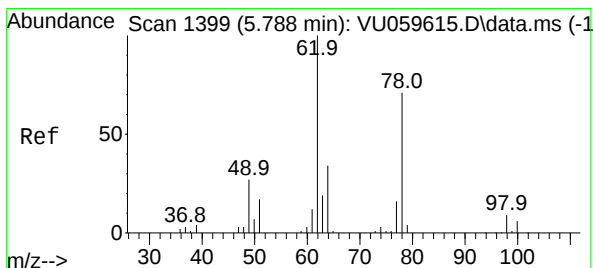
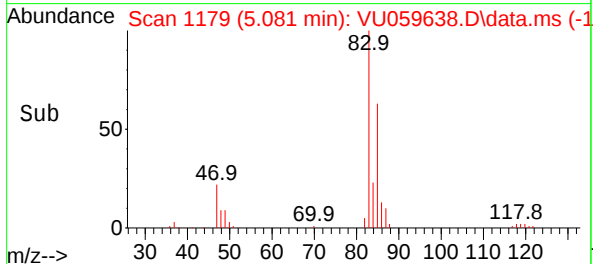
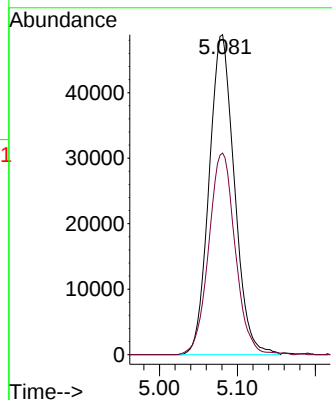
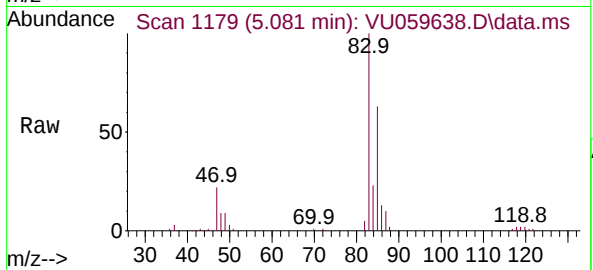




#25
Chloroform
Concen: 5.336 ug/L
RT: 5.081 min Scan# 1178
Delta R.T. 0.003 min
Lab File: VU059638.D
Acq: 28 Jun 2024 22:17

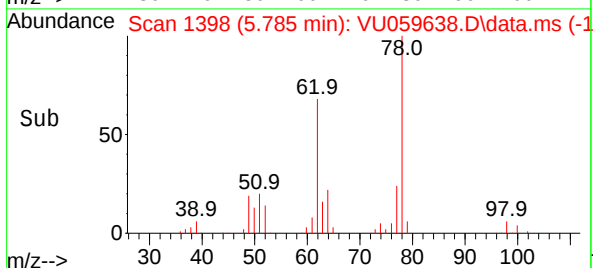
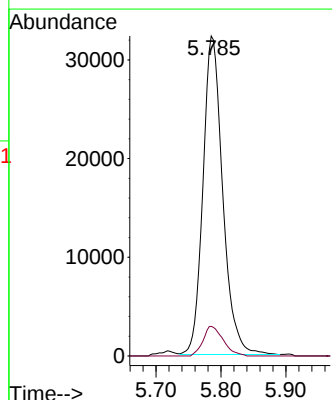
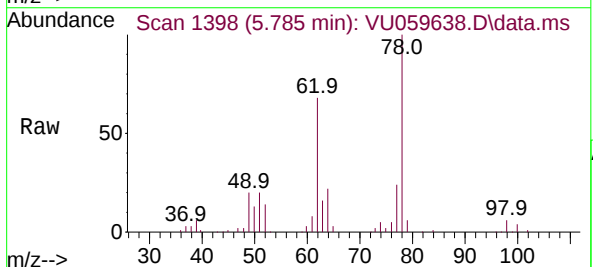
Instrument :
MSVOA_U
ClientSampleId :

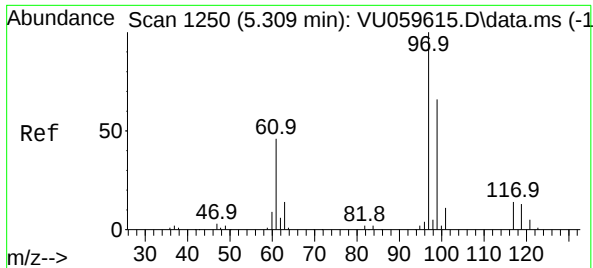
Tgt Ion: 83 Resp: 110032
Ion Ratio Lower Upper
83 100
85 63.0 44.7 83.1



#27
1,2-Dichloroethane
Concen: 5.476 ug/L
RT: 5.785 min Scan# 1398
Delta R.T. -0.003 min
Lab File: VU059638.D
Acq: 28 Jun 2024 22:17

Tgt Ion: 62 Resp: 68430
Ion Ratio Lower Upper
62 100
98 9.2 7.5 11.3

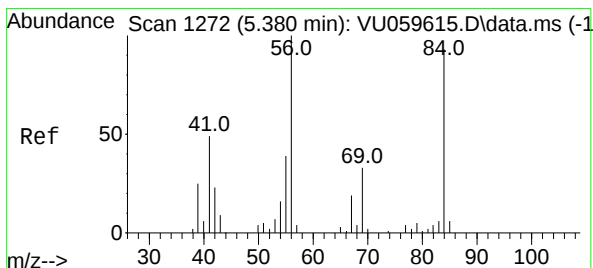
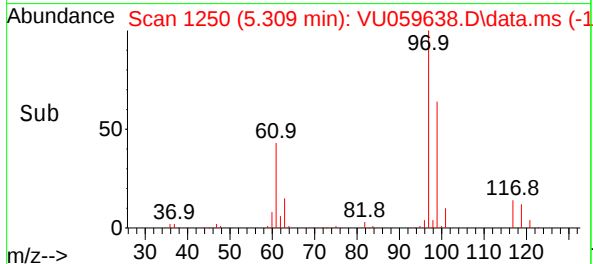
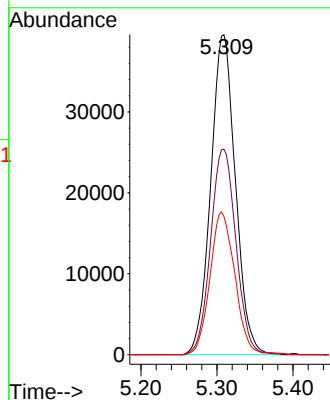
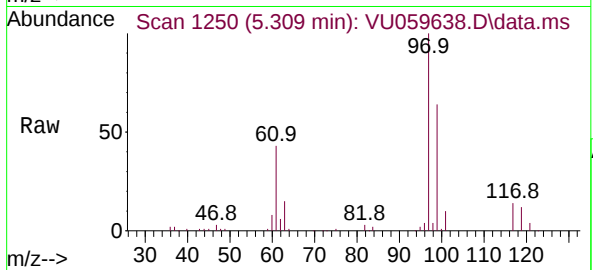




#29
1,1,1-Trichloroethane
Concen: 5.065 ug/L
RT: 5.309 min Scan# 1250
Delta R.T. -0.000 min
Lab File: VU059638.D
Acq: 28 Jun 2024 22:17

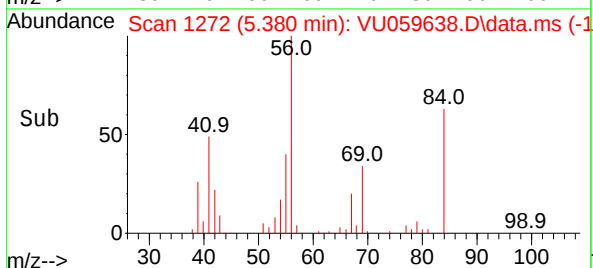
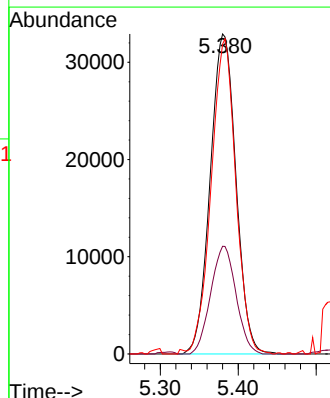
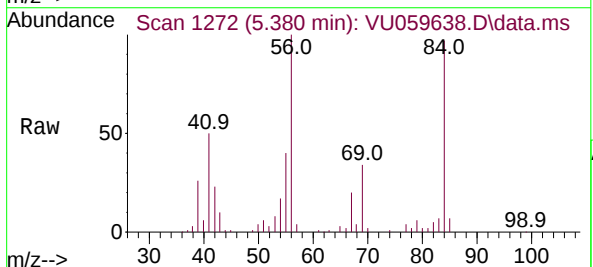
Instrument :
MSVOA_U
ClientSampleId :

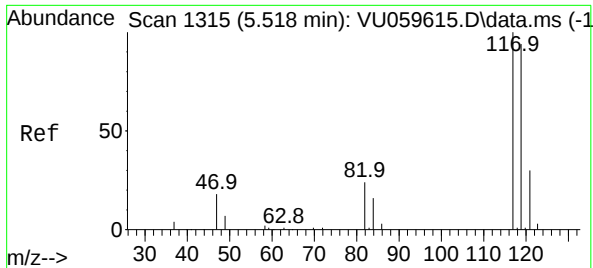
Tgt Ion: 97	Resp: 89143
Ion Ratio	Lower Upper
97 100	
99 66.0	51.8 77.6
61 44.7	37.4 56.2



#30
Cyclohexane
Concen: 4.859 ug/L
RT: 5.380 min Scan# 1272
Delta R.T. -0.000 min
Lab File: VU059638.D
Acq: 28 Jun 2024 22:17

Tgt Ion: 56	Resp: 75487
Ion Ratio	Lower Upper
56 100	
69 33.2	24.8 37.2
84 94.2	69.8 104.8

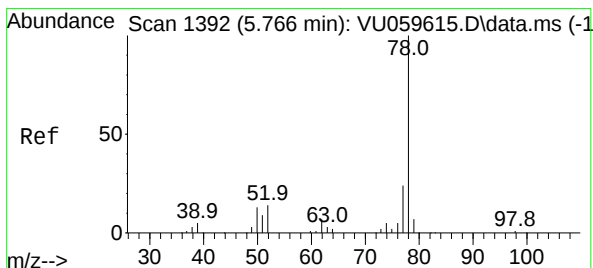
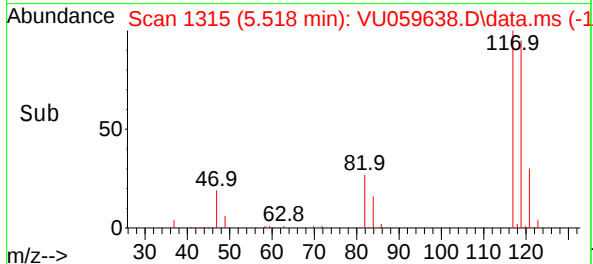
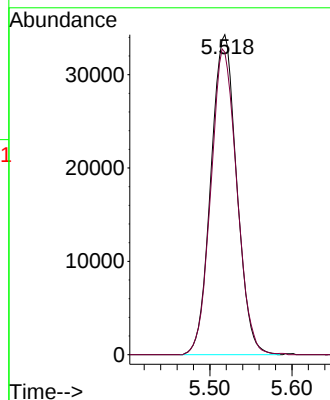
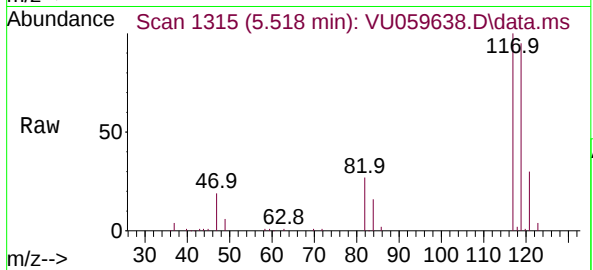




#31
Carbon tetrachloride
Concen: 5.079 ug/L
RT: 5.518 min Scan# 1315
Delta R.T. -0.000 min
Lab File: VU059638.D
Acq: 28 Jun 2024 22:17

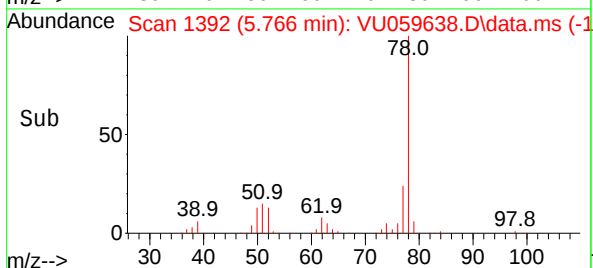
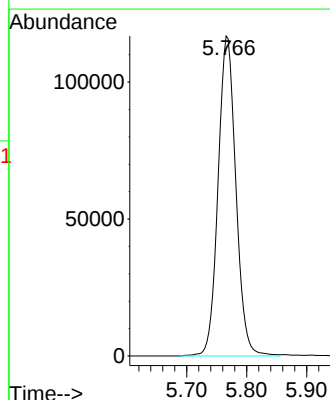
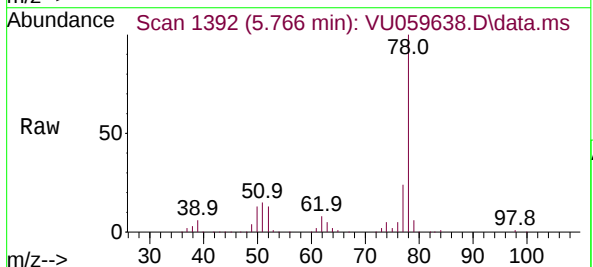
Instrument :
MSVOA_U
ClientSampleId :

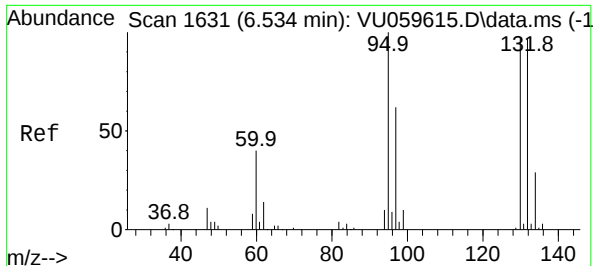
Tgt Ion:117 Resp: 74833
Ion Ratio Lower Upper
117 100
119 96.3 77.5 116.3



#33
Benzene
Concen: 5.191 ug/L
RT: 5.766 min Scan# 1392
Delta R.T. -0.000 min
Lab File: VU059638.D
Acq: 28 Jun 2024 22:17

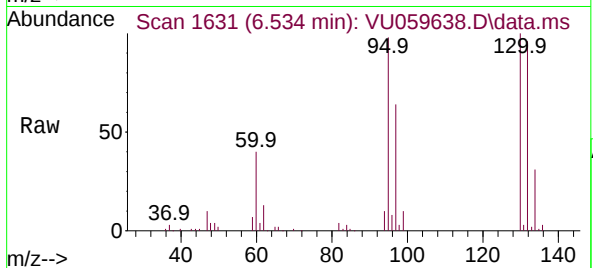
Tgt Ion: 78 Resp: 240237



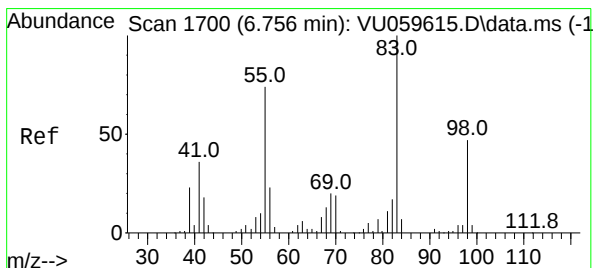
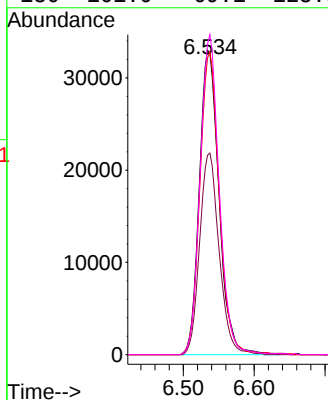
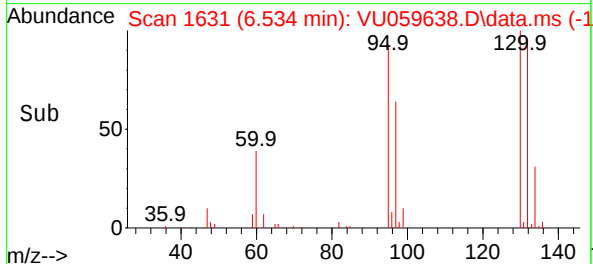


#34
Trichloroethene
Concen: 5.063 ug/L
RT: 6.534 min Scan# 1
Delta R.T. -0.000 min
Lab File: VU059638.D
Acq: 28 Jun 2024 22:17

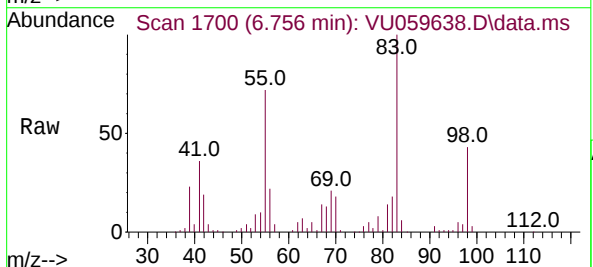
Instrument :
MSVOA_U
ClientSampleId :



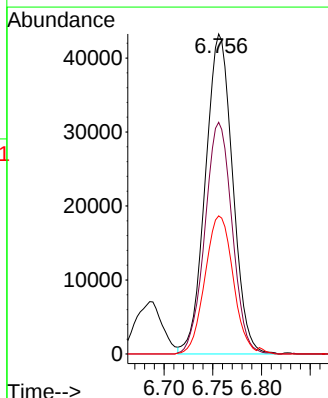
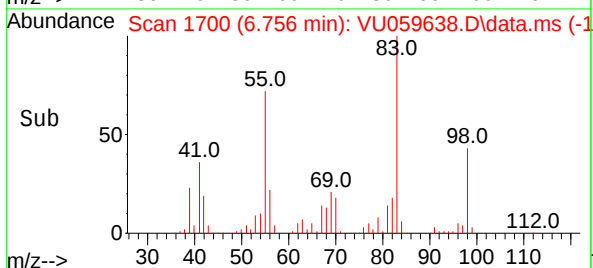
Tgt Ion: 95 Resp: 63454
Ion Ratio Lower Upper
95 100
97 65.4 45.3 84.1
132 97.3 64.0 119.0
130 101.9 69.1 128.3

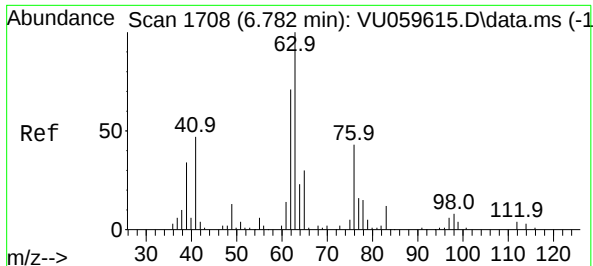


#35
Methylcyclohexane
Concen: 4.722 ug/L
RT: 6.756 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VU059638.D
Acq: 28 Jun 2024 22:17



Tgt Ion: 83 Resp: 84204
Ion Ratio Lower Upper
83 100
55 72.2 62.7 94.1
98 44.4 35.4 53.0

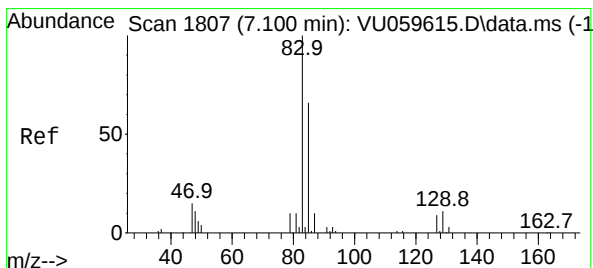
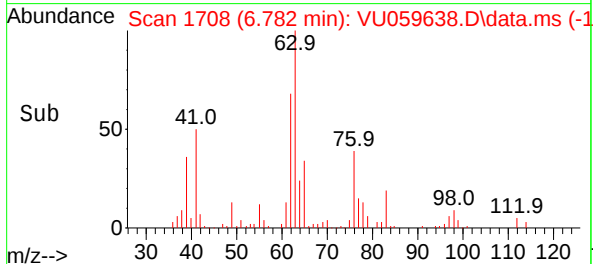
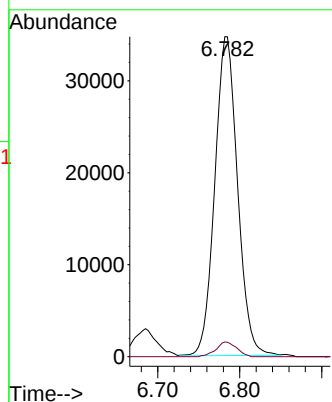
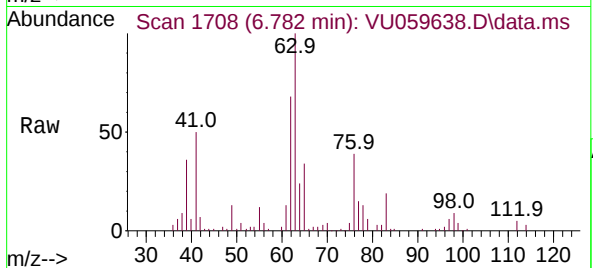




#37
1,2-Dichloropropane
Concen: 5.586 ug/L
RT: 6.782 min Scan# 1
Delta R.T. -0.000 min
Lab File: VU059638.D
Acq: 28 Jun 2024 22:17

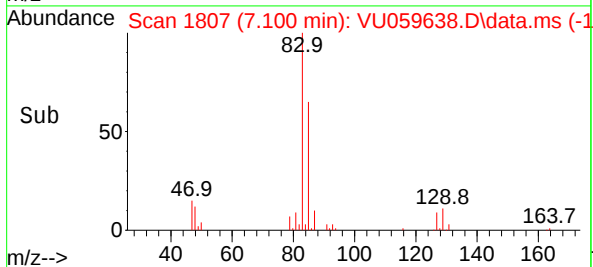
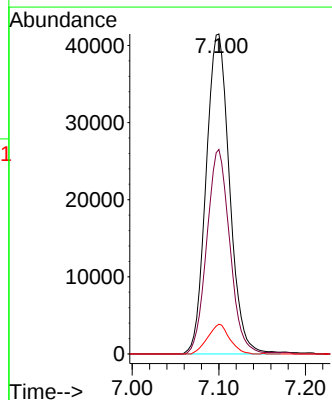
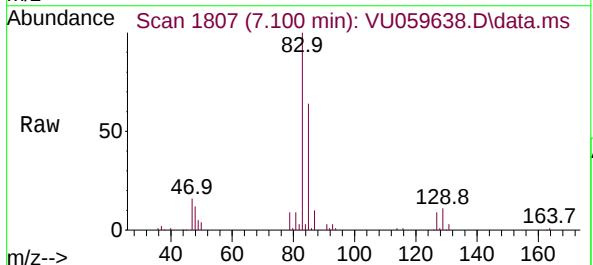
Instrument :
MSVOA_U
ClientSampleId :

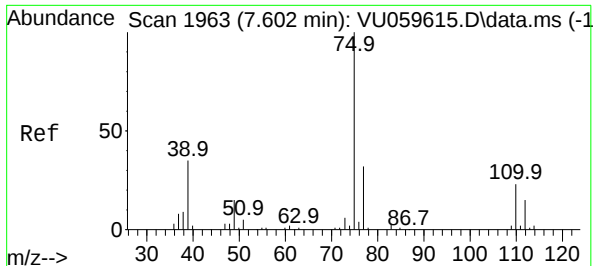
Tgt Ion: 63 Resp: 66892
Ion Ratio Lower Upper
63 100
112 4.2 2.6 3.8#



#38
Bromodichloromethane
Concen: 5.216 ug/L
RT: 7.100 min Scan# 1807
Delta R.T. -0.000 min
Lab File: VU059638.D
Acq: 28 Jun 2024 22:17

Tgt Ion: 83 Resp: 77967
Ion Ratio Lower Upper
83 100
85 63.9 42.7 79.3
127 9.3 6.1 9.1#

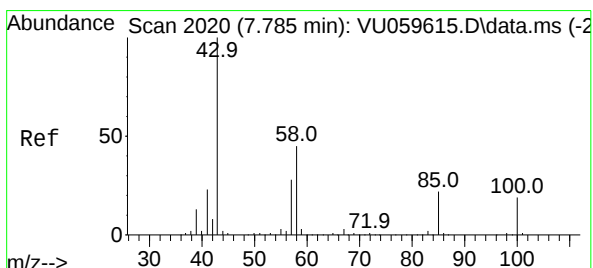
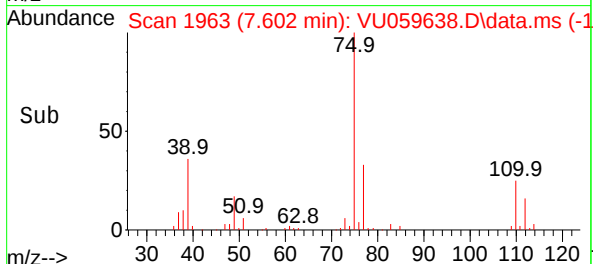
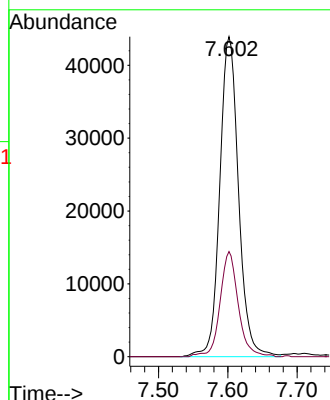
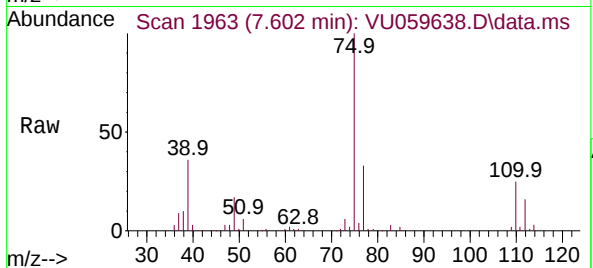




#39
 cis-1,3-Dichloropropene
 Concen: 5.055 ug/L
 RT: 7.602 min Scan# 1963
 Delta R.T. -0.000 min
 Lab File: VU059638.D
 Acq: 28 Jun 2024 22:17

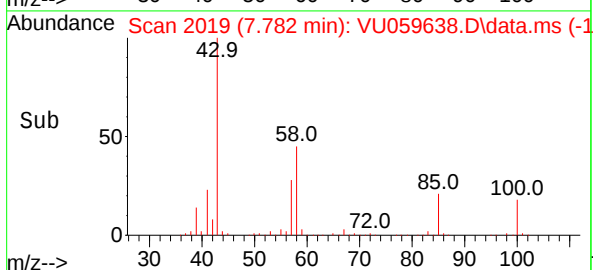
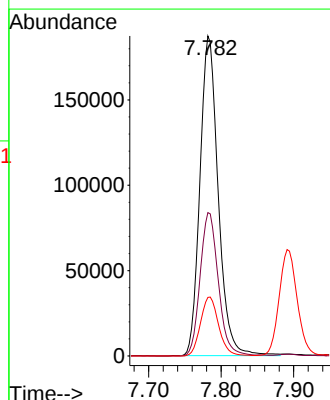
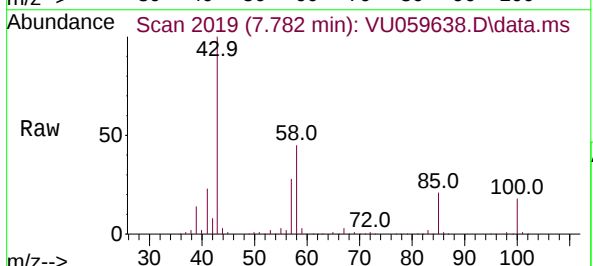
Instrument :
 MSVOA_U
 ClientSampleId :

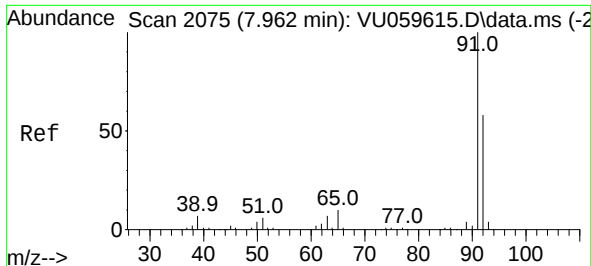
Tgt Ion: 75 Resp: 82793
 Ion Ratio Lower Upper
 75 100
 77 32.8 22.0 40.8



#40
 4-Methyl-2-pentanone
 Concen: 59.189 ug/L
 RT: 7.782 min Scan# 2019
 Delta R.T. -0.003 min
 Lab File: VU059638.D
 Acq: 28 Jun 2024 22:17

Tgt Ion: 43 Resp: 328462
 Ion Ratio Lower Upper
 43 100
 58 44.6 34.0 51.0
 100 18.3 12.1 18.1#





#42

Toluene

Concen: 5.420 ug/L

RT: 7.962 min Scan# 2075

Delta R.T. -0.000 min

Lab File: VU059638.D

Acq: 28 Jun 2024 22:17

Instrument :

MSVOA_U

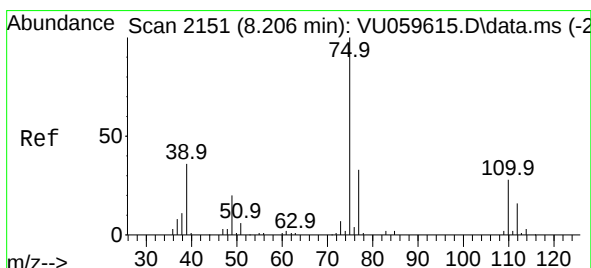
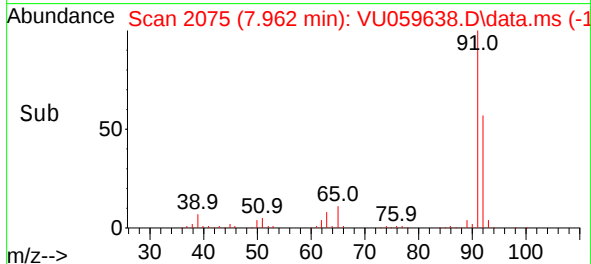
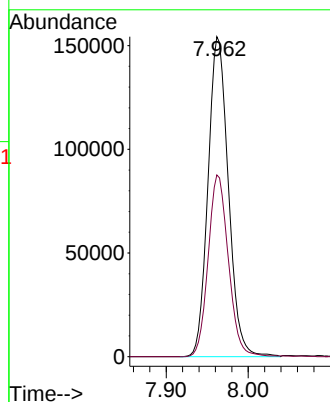
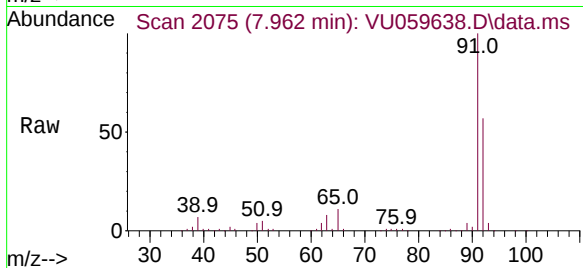
ClientSampleId :

Tgt Ion: 91 Resp: 265535

Ion Ratio Lower Upper

91 100

92 56.8 39.7 73.7



#44

trans-1,3-Dichloropropene

Concen: 5.345 ug/L

RT: 8.203 min Scan# 2150

Delta R.T. -0.003 min

Lab File: VU059638.D

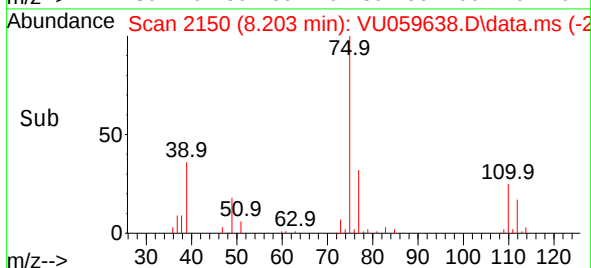
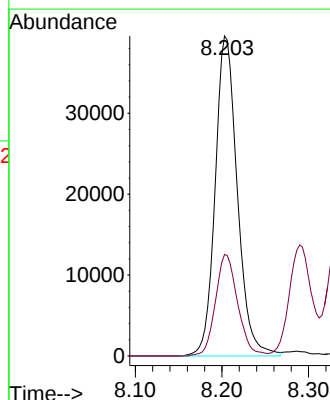
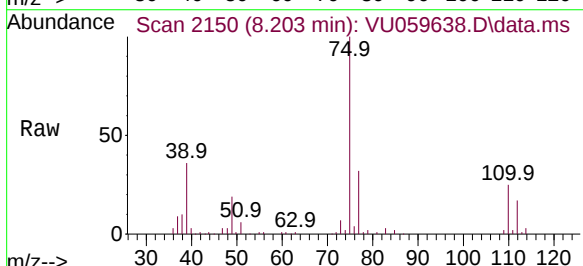
Acq: 28 Jun 2024 22:17

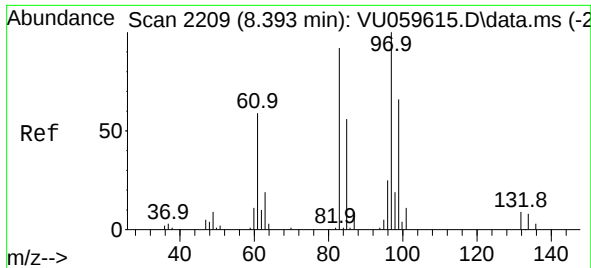
Tgt Ion: 75 Resp: 70266

Ion Ratio Lower Upper

75 100

77 31.7 22.0 41.0

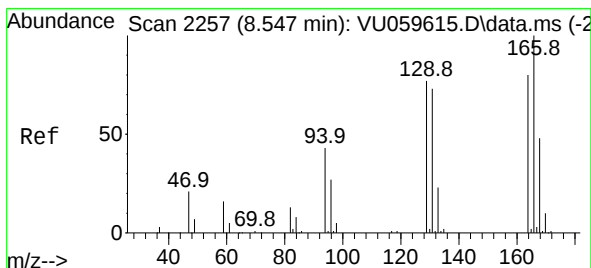
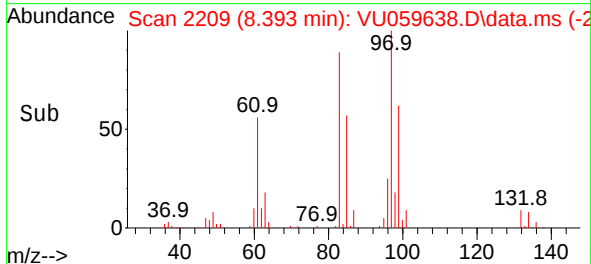
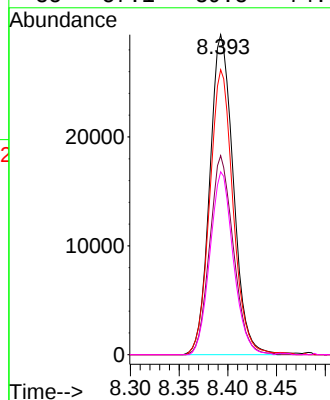
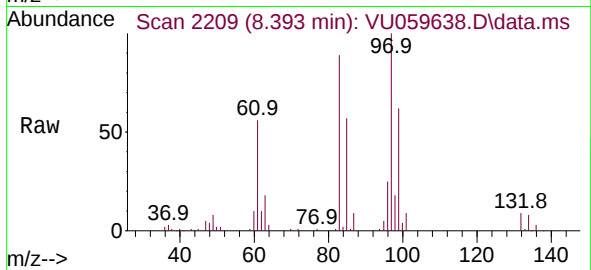




#45
1,1,2-Trichloroethane
Concen: 5.611 ug/L
RT: 8.393 min Scan# 2209
Delta R.T. -0.000 min
Lab File: VU059638.D
Acq: 28 Jun 2024 22:17

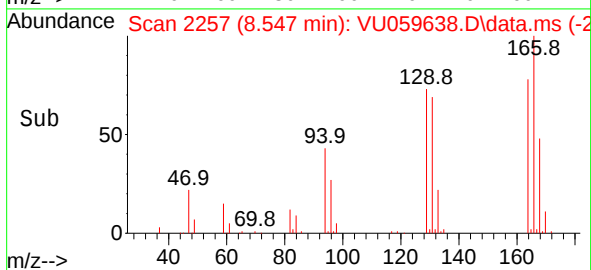
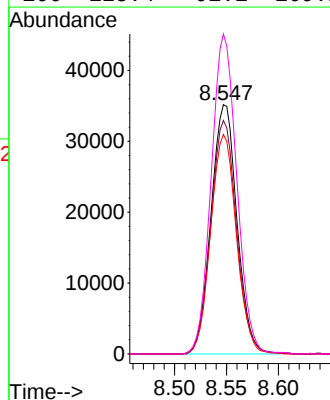
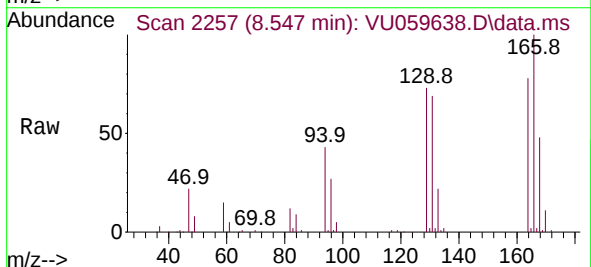
Instrument :
MSVOA_U
ClientSampleId :

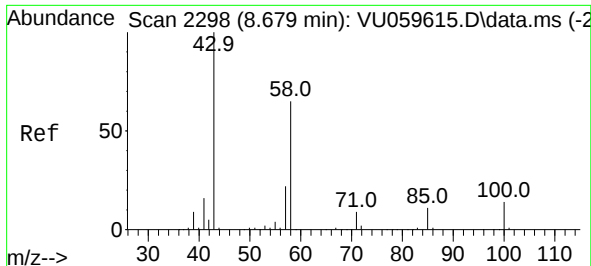
Tgt Ion:	97	Resp:	49521
Ion	Ratio	Lower	Upper
97	100		
99	62.2	43.3	80.3
83	89.1	62.3	115.7
85	57.1	39.8	74.0



#47
Tetrachloroethene
Concen: 6.288 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. -0.000 min
Lab File: VU059638.D
Acq: 28 Jun 2024 22:17

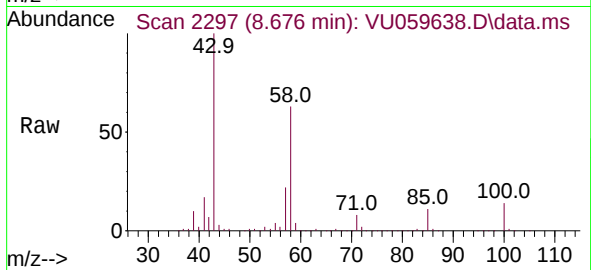
Tgt Ion:	164	Resp:	61156
Ion	Ratio	Lower	Upper
164	100		
129	93.7	70.8	131.4
131	88.1	64.8	120.3
166	128.4	91.1	169.1



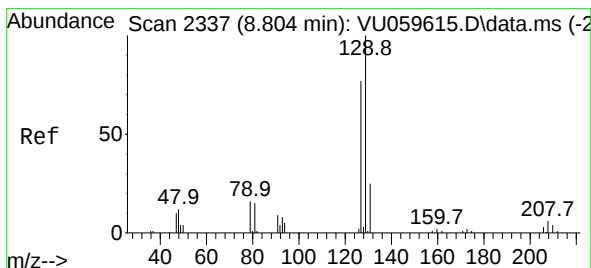
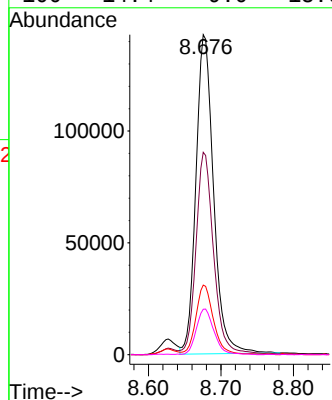
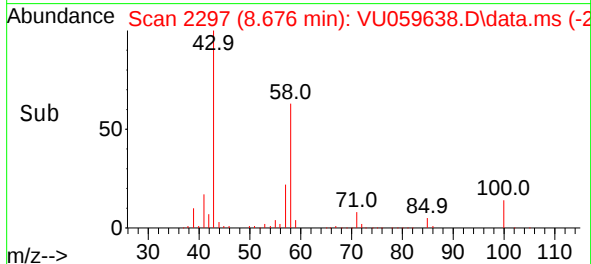


#48
2-Hexanone
Concen: 61.073 ug/L
RT: 8.676 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU059638.D
Acq: 28 Jun 2024 22:17

Instrument :
MSVOA_U
ClientSampleId :

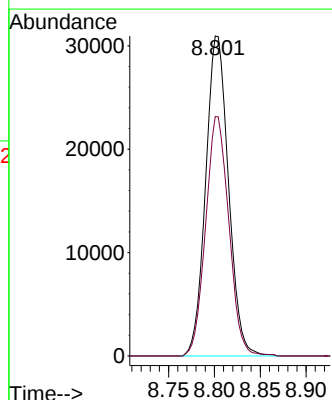
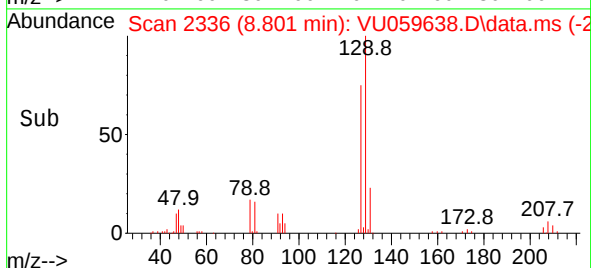
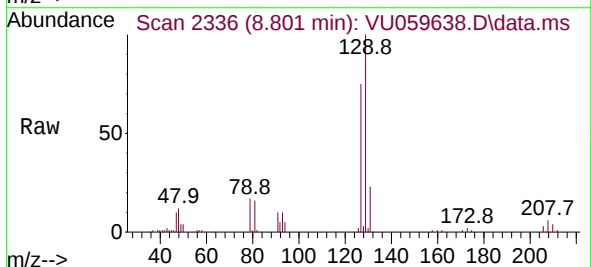


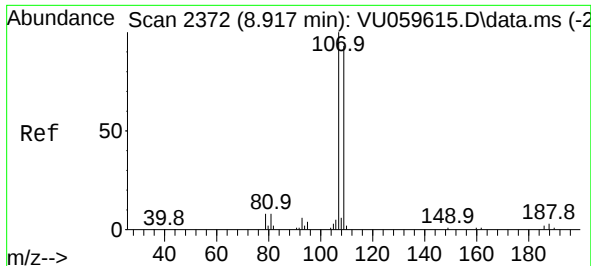
Tgt Ion: 43 Resp: 241879
Ion Ratio Lower Upper
43 100
58 62.3 46.1 69.1
57 21.4 15.5 23.3
100 14.4 9.0 13.6#



#49
Dibromochloromethane
Concen: 5.483 ug/L
RT: 8.801 min Scan# 2336
Delta R.T. -0.003 min
Lab File: VU059638.D
Acq: 28 Jun 2024 22:17

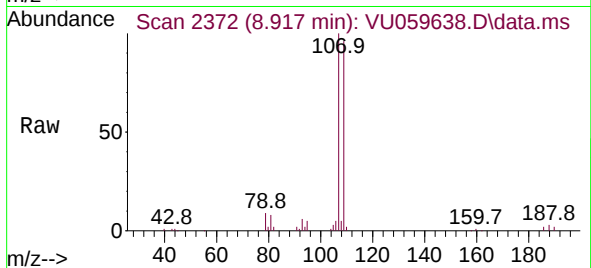
Tgt Ion: 129 Resp: 53607
Ion Ratio Lower Upper
129 100
127 74.8 52.5 97.5



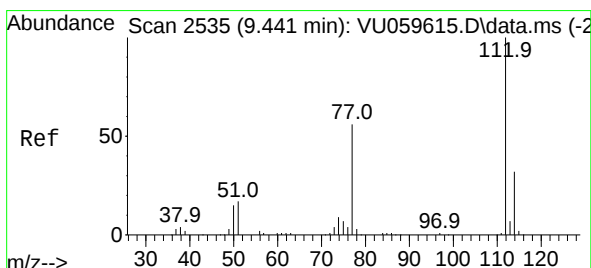
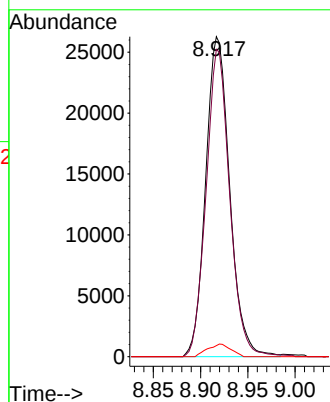
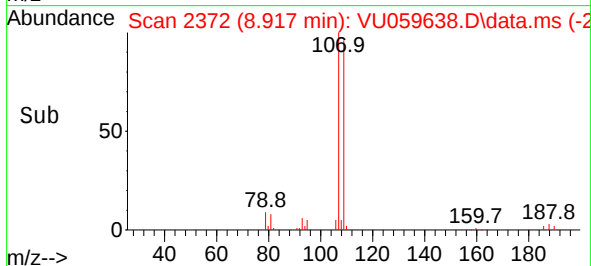


#50
1,2-Dibromoethane
Concen: 5.705 ug/L
RT: 8.917 min Scan# 2372
Delta R.T. -0.000 min
Lab File: VU059638.D
Acq: 28 Jun 2024 22:17

Instrument :
MSVOA_U
ClientSampleId :

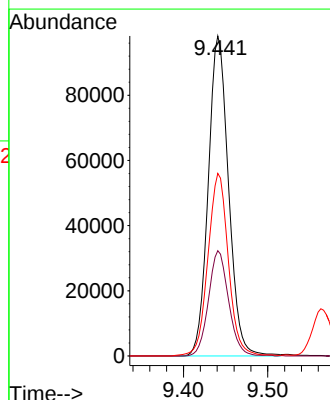
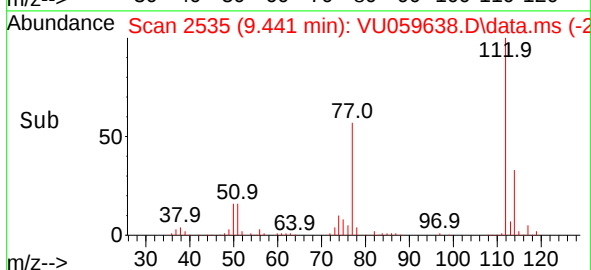
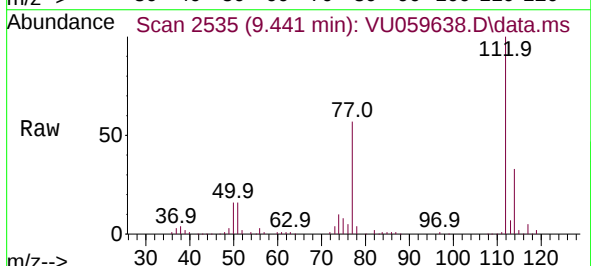


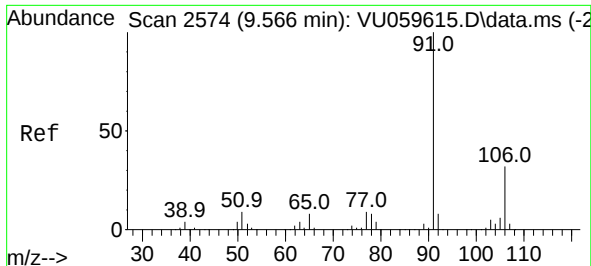
Tgt Ion:107 Resp: 46496
Ion Ratio Lower Upper
107 100
109 96.1 66.9 124.3
188 3.5 2.7 4.1



#51
Chlorobenzene
Concen: 5.300 ug/L
RT: 9.441 min Scan# 2535
Delta R.T. -0.000 min
Lab File: VU059638.D
Acq: 28 Jun 2024 22:17

Tgt Ion:112 Resp: 164699
Ion Ratio Lower Upper
112 100
114 32.9 22.4 41.6
77 57.1 49.1 73.7





#52

Ethylbenzene

Concen: 5.125 ug/L

RT: 9.563 min Scan# 2574

Delta R.T. -0.003 min

Lab File: VU059638.D

Acq: 28 Jun 2024 22:17

Instrument :

MSVOA_U

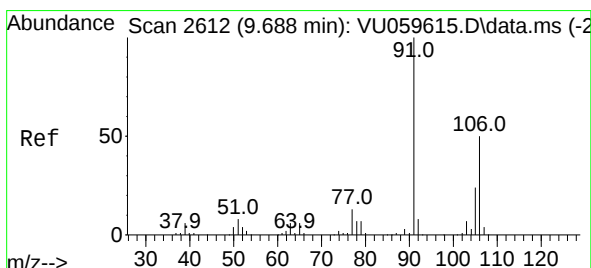
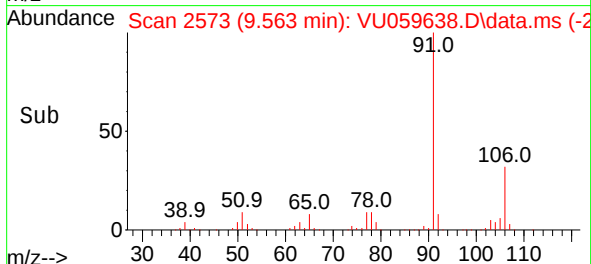
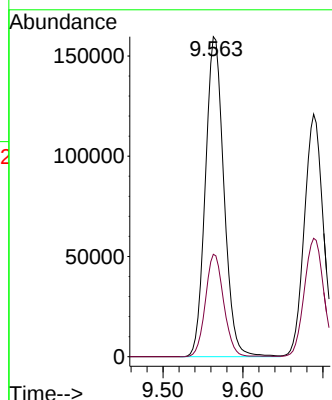
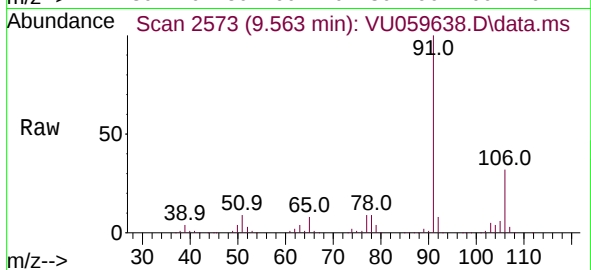
ClientSampleId :

Tgt Ion: 91 Resp: 257587

Ion Ratio Lower Upper

91 100

106 32.0 20.9 38.7



#53

m,p-Xylene

Concen: 5.245 ug/L

RT: 9.688 min Scan# 2612

Delta R.T. -0.000 min

Lab File: VU059638.D

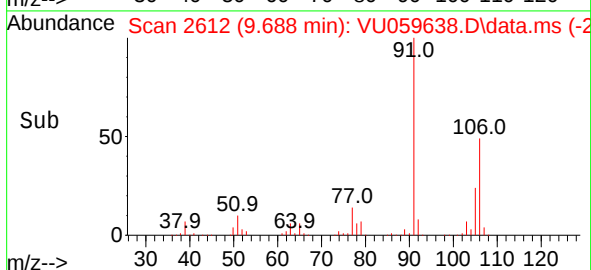
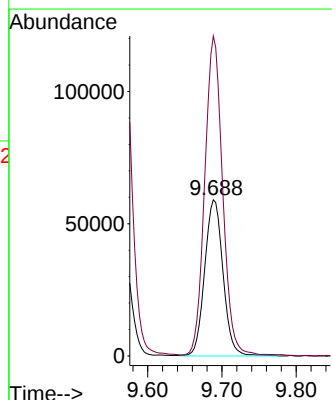
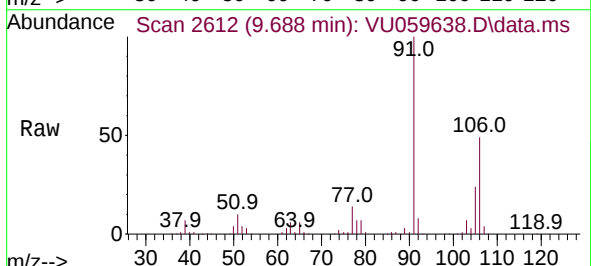
Acq: 28 Jun 2024 22:17

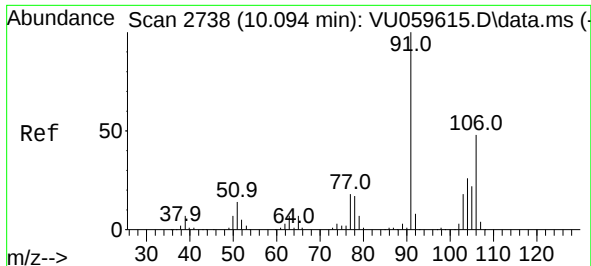
Tgt Ion:106 Resp: 101244

Ion Ratio Lower Upper

106 100

91 205.0 142.0 263.8

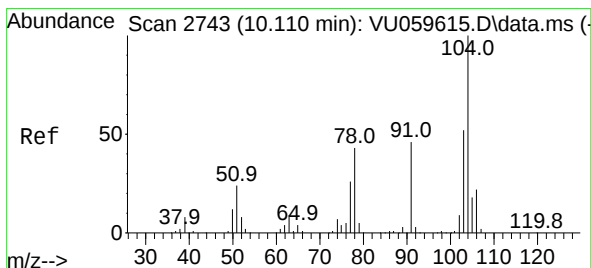
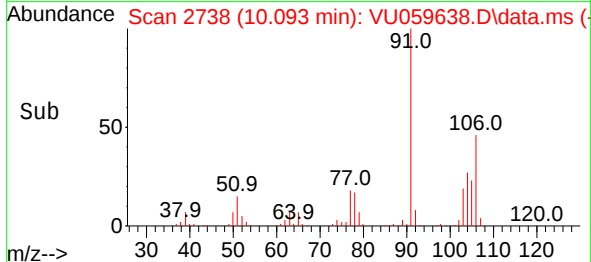
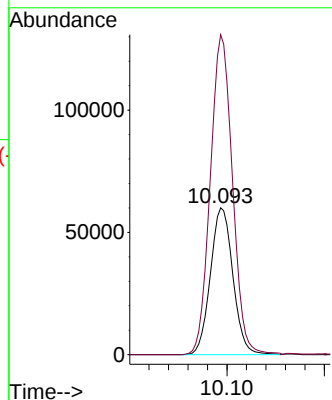
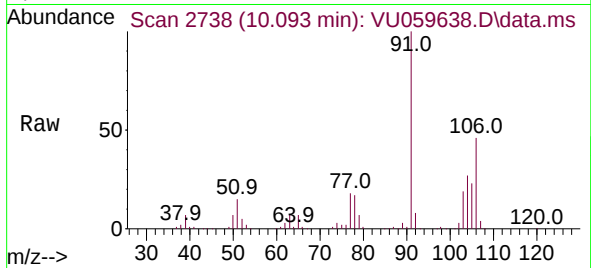




#54
o-Xylene
Concen: 5.261 ug/L
RT: 10.093 min Scan# 2738
Delta R.T. -0.000 min
Lab File: VU059638.D
Acq: 28 Jun 2024 22:17

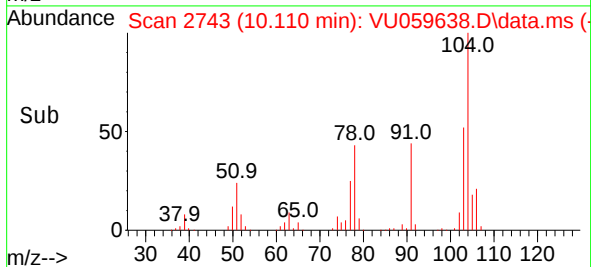
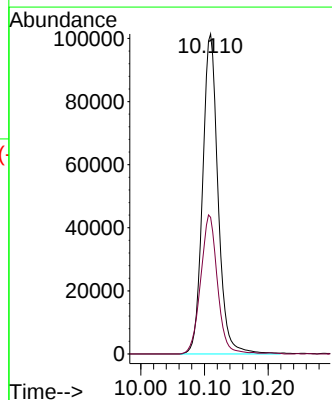
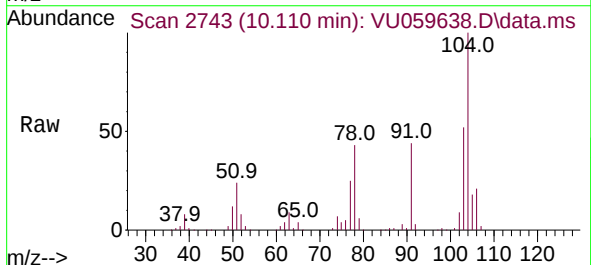
Instrument :
MSVOA_U
ClientSampleId :

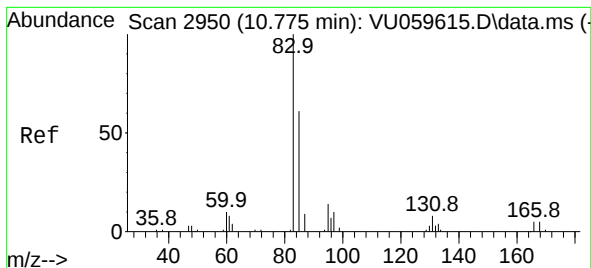
Tgt Ion:106 Resp: 96383
Ion Ratio Lower Upper
106 100
91 217.8 151.6 281.6



#55
Styrene
Concen: 5.482 ug/L
RT: 10.110 min Scan# 2743
Delta R.T. -0.000 min
Lab File: VU059638.D
Acq: 28 Jun 2024 22:17

Tgt Ion:104 Resp: 170956
Ion Ratio Lower Upper
104 100
78 42.7 32.3 60.1





#57

1,1,2-Tetrachloroethane

Concen: 5.880 ug/L

RT: 10.775 min Scan# 2950

Delta R.T. -0.000 min

Lab File: VU059638.D

Acq: 28 Jun 2024 22:17

Instrument :

MSVOA_U

ClientSampleId :

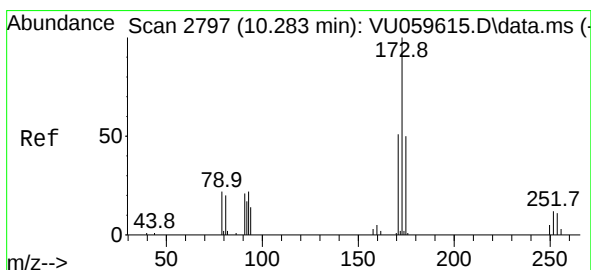
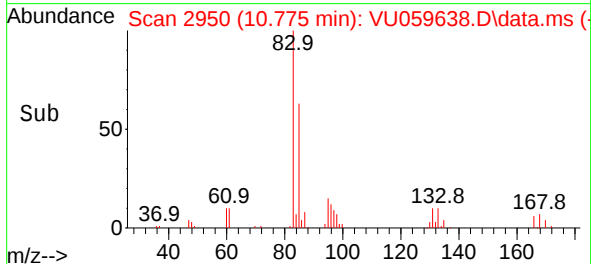
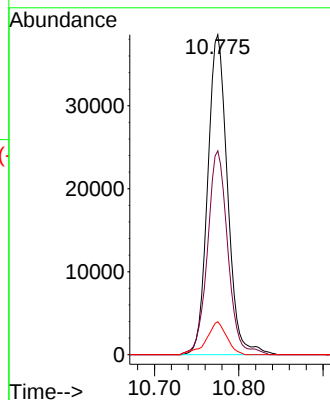
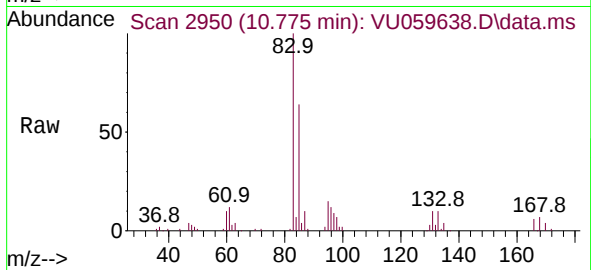
Tgt Ion: 83 Resp: 62945

Ion Ratio Lower Upper

83 100

85 63.7 44.7 82.9

131 10.3 6.9 10.3



#59

Bromoform

Concen: 5.437 ug/L

RT: 10.283 min Scan# 2797

Delta R.T. -0.000 min

Lab File: VU059638.D

Acq: 28 Jun 2024 22:17

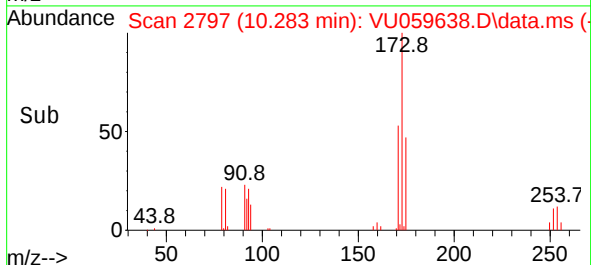
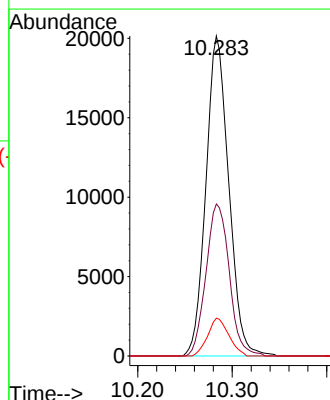
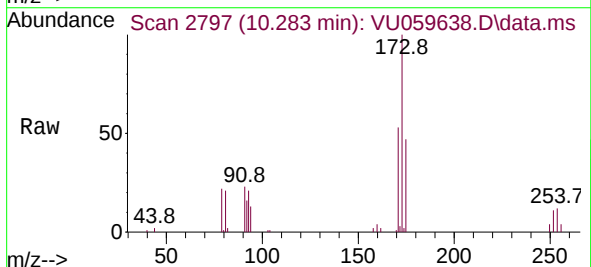
Tgt Ion:173 Resp: 33776

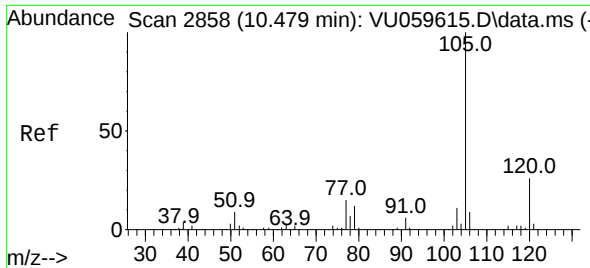
Ion Ratio Lower Upper

173 100

175 48.4 39.4 59.2

254 10.9 7.4 11.2

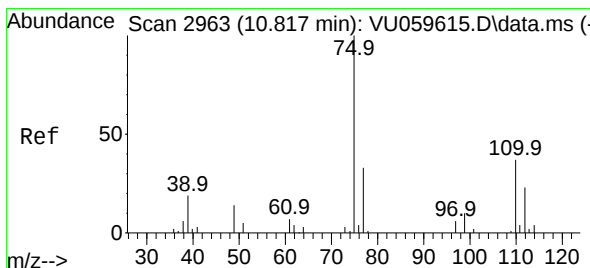
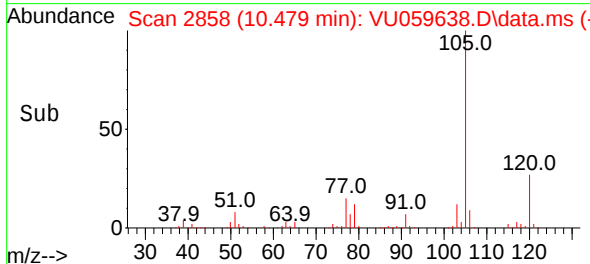
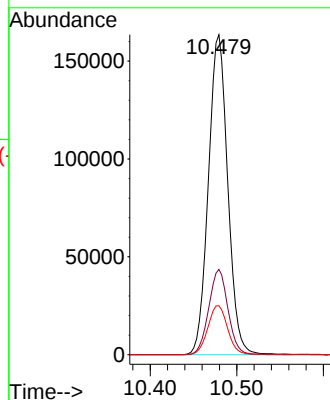
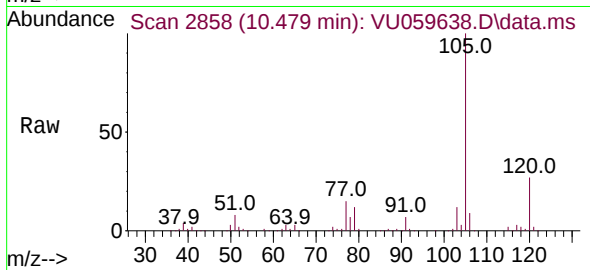




#60
Isopropylbenzene
Concen: 5.057 ug/L
RT: 10.479 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU059638.D
Acq: 28 Jun 2024 22:17

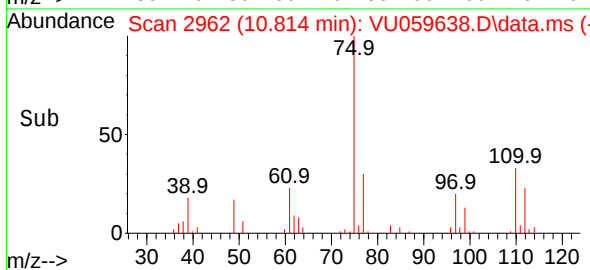
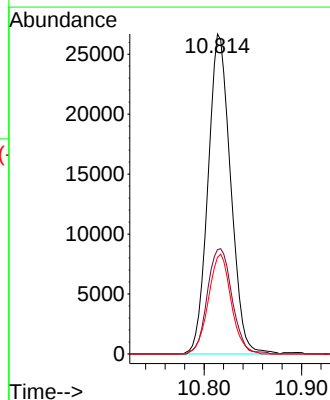
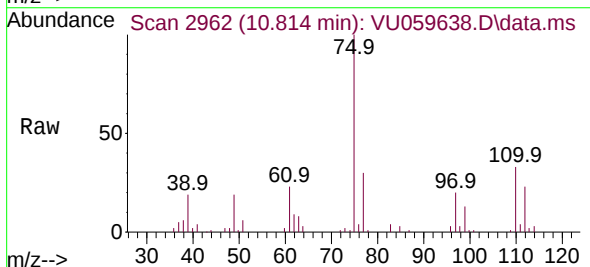
Instrument :
MSVOA_U
ClientSampleId :

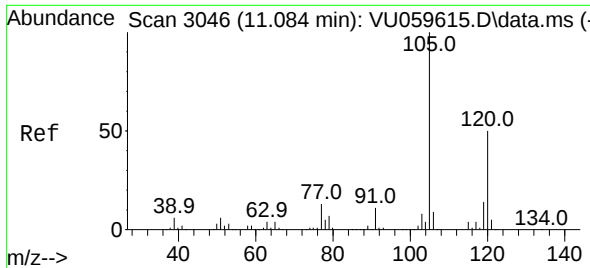
Tgt Ion:105 Resp: 253596
Ion Ratio Lower Upper
105 100
120 26.6 20.6 31.0
77 15.6 12.8 19.2



#61
1,2,3-Trichloropropane
Concen: 5.730 ug/L
RT: 10.814 min Scan# 2962
Delta R.T. -0.003 min
Lab File: VU059638.D
Acq: 28 Jun 2024 22:17

Tgt Ion: 75 Resp: 42982
Ion Ratio Lower Upper
75 100
110 35.9 27.1 40.7
77 31.5 25.4 38.2





#62

1,3,5-Trimethylbenzene

Concen: 4.807 ug/L

RT: 11.084 min Scan# 3046

Delta R.T. -0.000 min

Lab File: VU059638.D

Acq: 28 Jun 2024 22:17

Instrument :

MSVOA_U

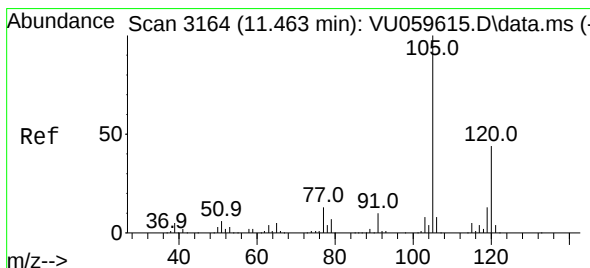
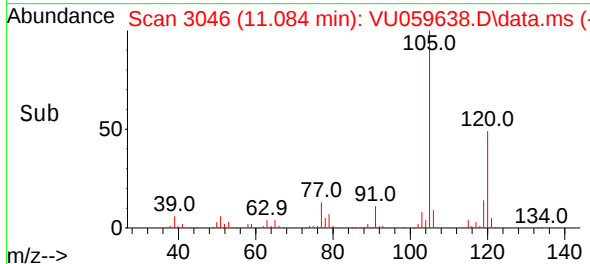
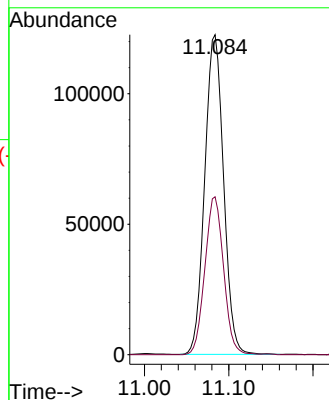
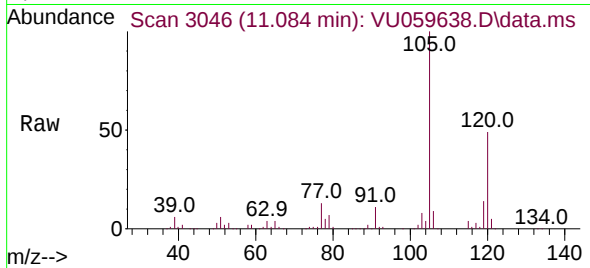
ClientSampleId :

Tgt Ion:105 Resp: 190955

Ion Ratio Lower Upper

105 100

120 49.0 38.2 57.4



#63

1,2,4-Trimethylbenzene

Concen: 4.939 ug/L

RT: 11.463 min Scan# 3164

Delta R.T. -0.000 min

Lab File: VU059638.D

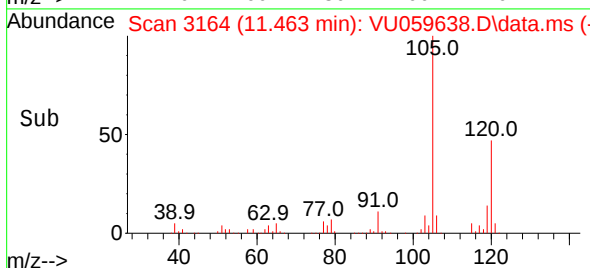
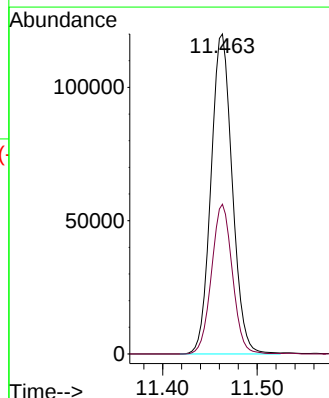
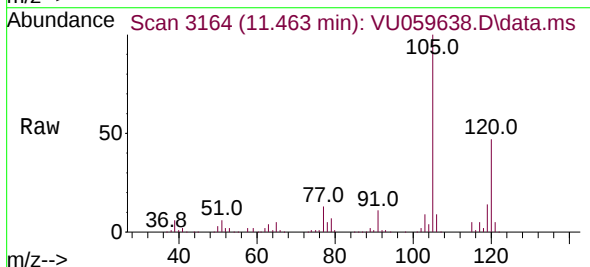
Acq: 28 Jun 2024 22:17

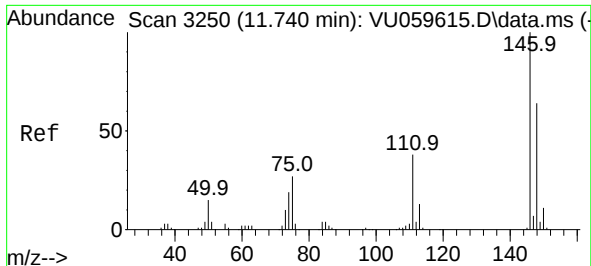
Tgt Ion:105 Resp: 187585

Ion Ratio Lower Upper

105 100

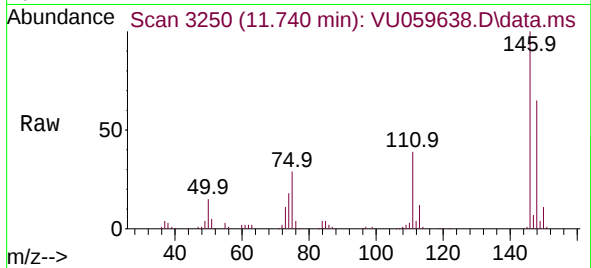
120 45.9 35.4 53.0



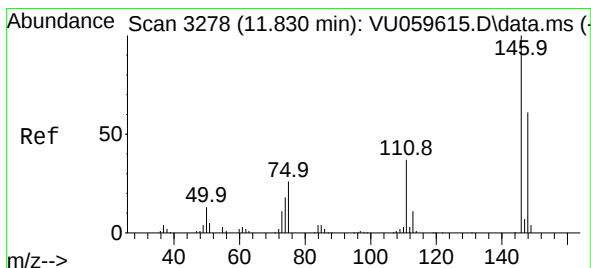
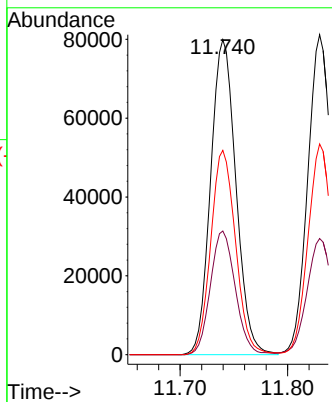
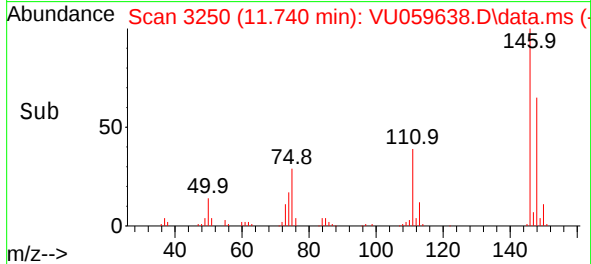


#64
1,3-Dichlorobenzene
Concen: 5.126 ug/L
RT: 11.740 min Scan# 3250
Delta R.T. -0.000 min
Lab File: VU059638.D
Acq: 28 Jun 2024 22:17

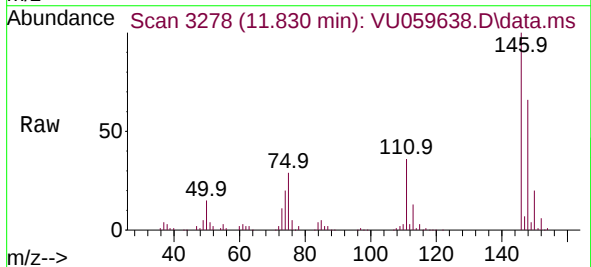
Instrument :
MSVOA_U
ClientSampleId :



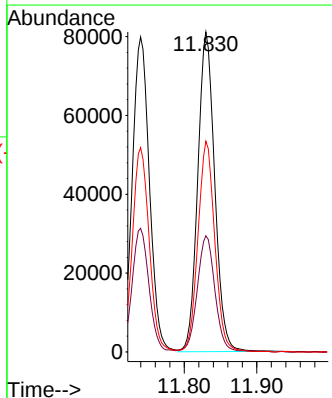
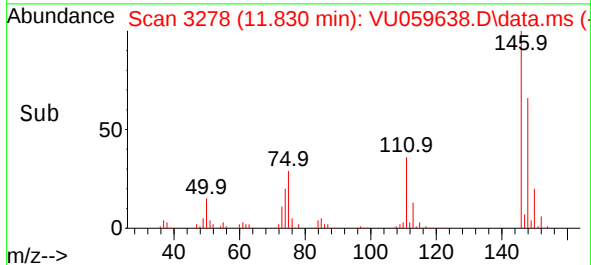
Tgt Ion:146 Resp: 130725
Ion Ratio Lower Upper
146 100
111 39.3 27.4 51.0
148 64.9 45.0 83.6

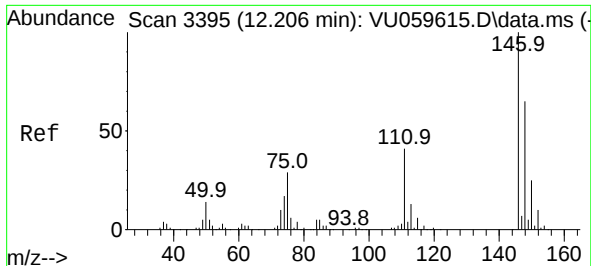


#65
1,4-Dichlorobenzene
Concen: 5.013 ug/L
RT: 11.830 min Scan# 3278
Delta R.T. -0.000 min
Lab File: VU059638.D
Acq: 28 Jun 2024 22:17



Tgt Ion:146 Resp: 131603
Ion Ratio Lower Upper
146 100
111 36.3 26.9 50.1
148 65.8 45.3 84.1





#67

1,2-Dichlorobenzene

Concen: 5.180 ug/L

RT: 12.206 min Scan# 3395

Delta R.T. -0.000 min

Lab File: VU059638.D

Acq: 28 Jun 2024 22:17

Instrument :

MSVOA_U

ClientSampleId :

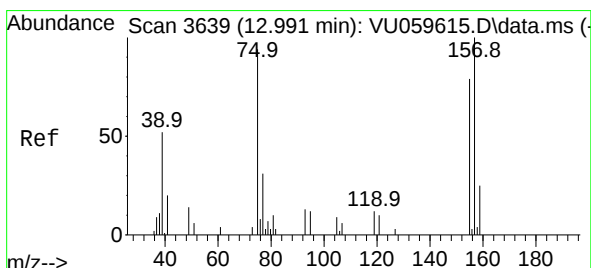
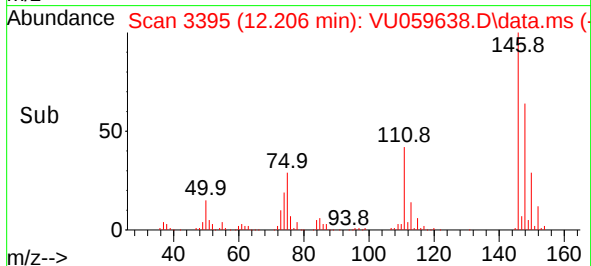
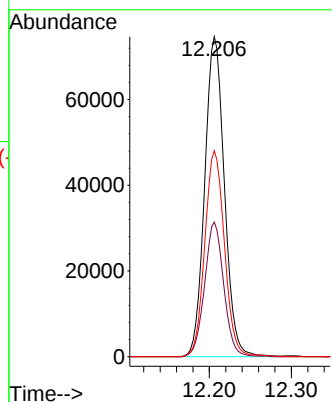
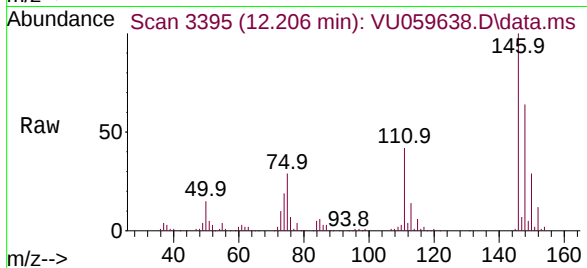
Tgt Ion:146 Resp: 124326

Ion Ratio Lower Upper

146 100

111 42.0 33.4 50.0

148 64.3 49.7 74.5



#68

1,2-Dibromo-3-chloropropane

Concen: 6.058 ug/L

RT: 12.990 min Scan# 3639

Delta R.T. -0.000 min

Lab File: VU059638.D

Acq: 28 Jun 2024 22:17

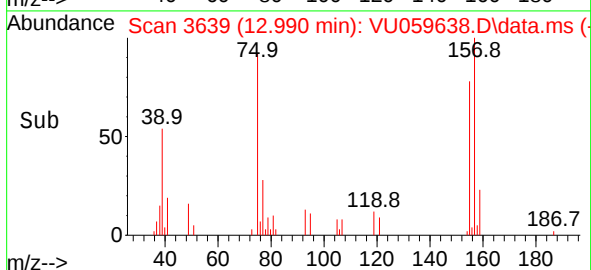
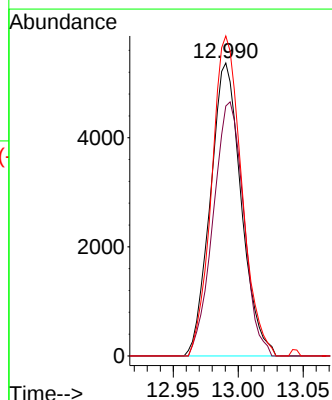
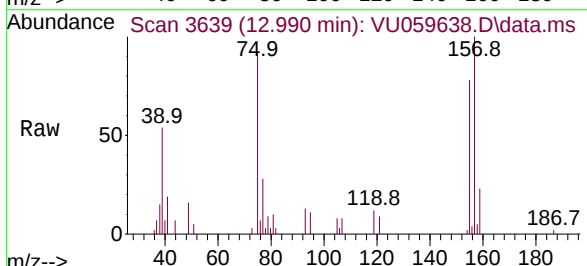
Tgt Ion: 75 Resp: 8864

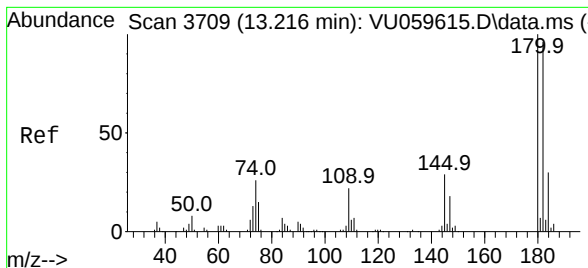
Ion Ratio Lower Upper

75 100

155 85.3 58.2 87.2

157 109.2 80.0 120.0





#69

1,3,5-Trichlorobenzene

Concen: 4.873 ug/L

RT: 13.216 min Scan# 3709

Delta R.T. -0.000 min

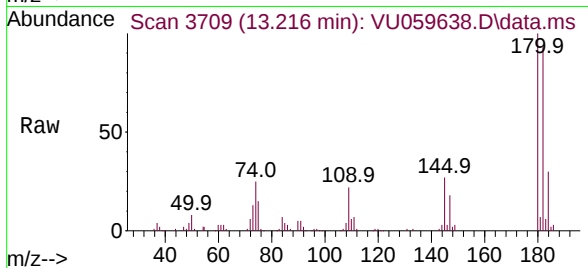
Lab File: VU059638.D

Acq: 28 Jun 2024 22:17

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:180 Resp: 91990

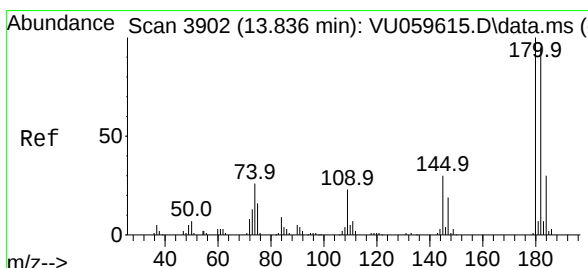
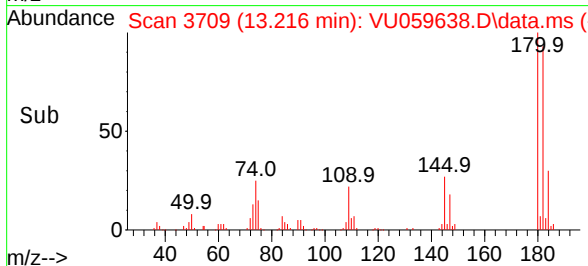
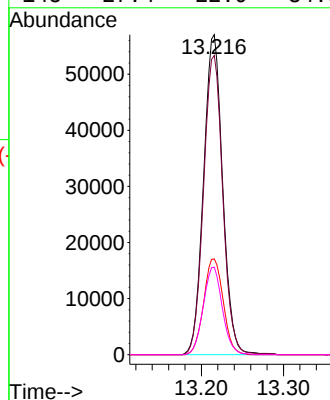
Ion Ratio Lower Upper

180 100

182 94.2 75.4 113.0

184 30.7 23.0 34.6

145 27.4 22.9 34.3



#70

1,2,4-trichlorobenzene

Concen: 4.989 ug/L

RT: 13.836 min Scan# 3902

Delta R.T. -0.000 min

Lab File: VU059638.D

Acq: 28 Jun 2024 22:17

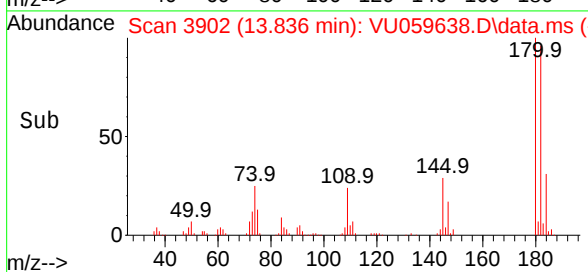
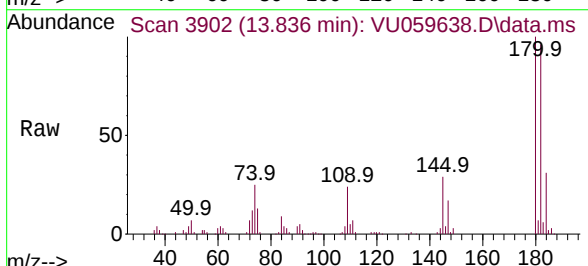
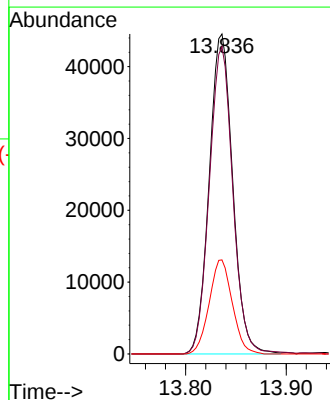
Tgt Ion:180 Resp: 72259

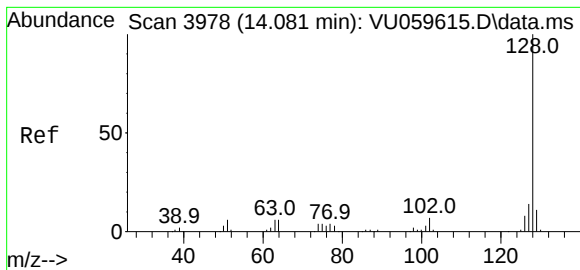
Ion Ratio Lower Upper

180 100

182 96.0 74.9 112.3

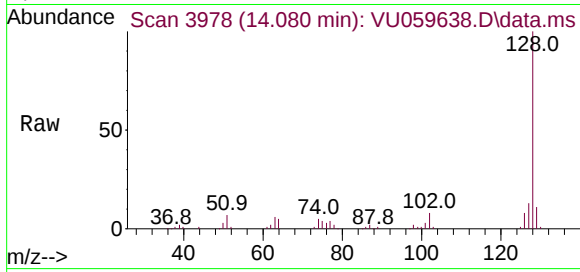
145 28.9 23.9 35.9



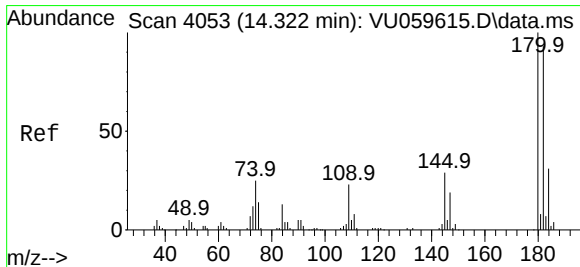
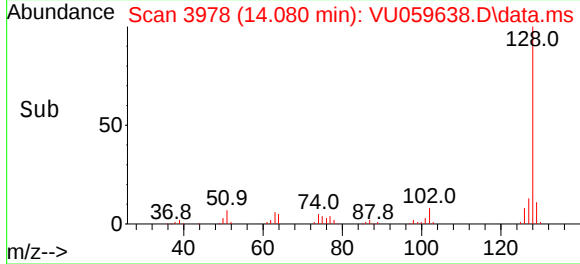
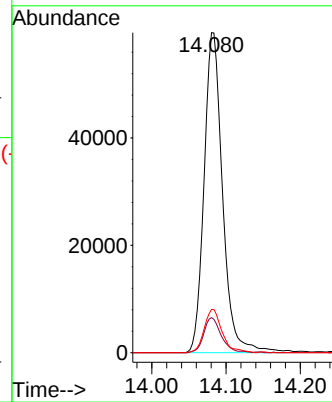


#71
Naphthalene
Concen: 4.988 ug/L
RT: 14.080 min Scan# 3978
Delta R.T. -0.000 min
Lab File: VU059638.D
Acq: 28 Jun 2024 22:17

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:128 Resp: 103386
Ion Ratio Lower Upper
128 100
129 10.3 8.2 12.4
127 13.1 10.2 15.4



#72
1,2,3-Trichlorobenzene
Concen: 5.070 ug/L
RT: 14.325 min Scan# 4054
Delta R.T. 0.003 min
Lab File: VU059638.D
Acq: 28 Jun 2024 22:17

Tgt Ion:180 Resp: 68178
Ion Ratio Lower Upper
180 100
182 95.1 77.0 115.6
145 29.3 26.2 39.4

