

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070324\
 Data File : VU059840.D
 Acq On : 04 Jul 2024 10:33
 Operator : MD/SY
 Sample : P3109-04MS
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jul 05 01:07:13 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jul 04 04:26:48 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	177071	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	156691	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	90390	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	51373	4.172	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	83.400%
7) Chloroethane-d5	1.907	69	44654	3.769	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	75.400%
11) 1,1-Dichloroethene-d2	2.560	65	19199	3.758	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	75.200%
20) 2-Butanone-d5	4.618	46	111917	44.127	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	88.260%
24) Chloroform-d	5.055	84	97560	3.860	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	77.200%
26) 1,2-Dichloroethane-d4	5.695	65	44712	3.673	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	73.400%
32) Benzene-d6	5.721	84	196686	4.561	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.200%
36) 1,2-Dichloropropane-d6	6.682	67	61389	4.646	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.000%
41) Toluene-d8	7.891	98	172602	4.305	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.200%
43) trans-1,3-Dichloroprop...	8.174	79	21135	5.108	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	102.200%
46) 2-Hexanone-d5	8.624	63	96793	56.299	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	112.600%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	50762	4.649	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.000%
66) 1,2-Dichlorobenzene-d4	12.187	152	69441	4.316	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	86.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.380	85	62306	4.153	ug/L	98
3) Chloromethane	1.518	50	71163	4.407	ug/L	98
5) Vinyl chloride	1.602	62	81254	4.555	ug/L	100
6) Bromomethane	1.853	94	48855	3.939	ug/L	99
8) Chloroethane	1.930	64	50669	4.714	ug/L	99
9) Trichlorofluoromethane	2.132	101	98628	4.593	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	60810	4.473	ug/L	94
12) 1,1-Dichloroethene	2.573	96	58349	4.646	ug/L	85
13) Acetone	2.628	43	100691	61.202	ug/L	90
14) Carbon disulfide	2.788	76	182295	4.351	ug/L	99
15) Methyl Acetate	3.036	43	1361401	313.573	ug/L #	51
16) Methylene chloride	3.036	84	77435	5.203	ug/L #	46
17) Methyl tert-butyl Ether	3.354	73	176059	6.506	ug/L	96
18) trans-1,2-Dichloroethene	3.345	96	62438	4.781	ug/L	90
19) 1,1-Dichloroethane	3.859	63	113738	4.722	ug/L	99
21) 2-Butanone	4.695	43	137261	52.016	ug/L	93
22) cis-1,2-Dichloroethene	4.656	96	71529	4.969	ug/L	97
23) Bromochloromethane	4.965	128	32214	4.908	ug/L	89
25) Chloroform	5.078	83	124749	4.918	ug/L	100

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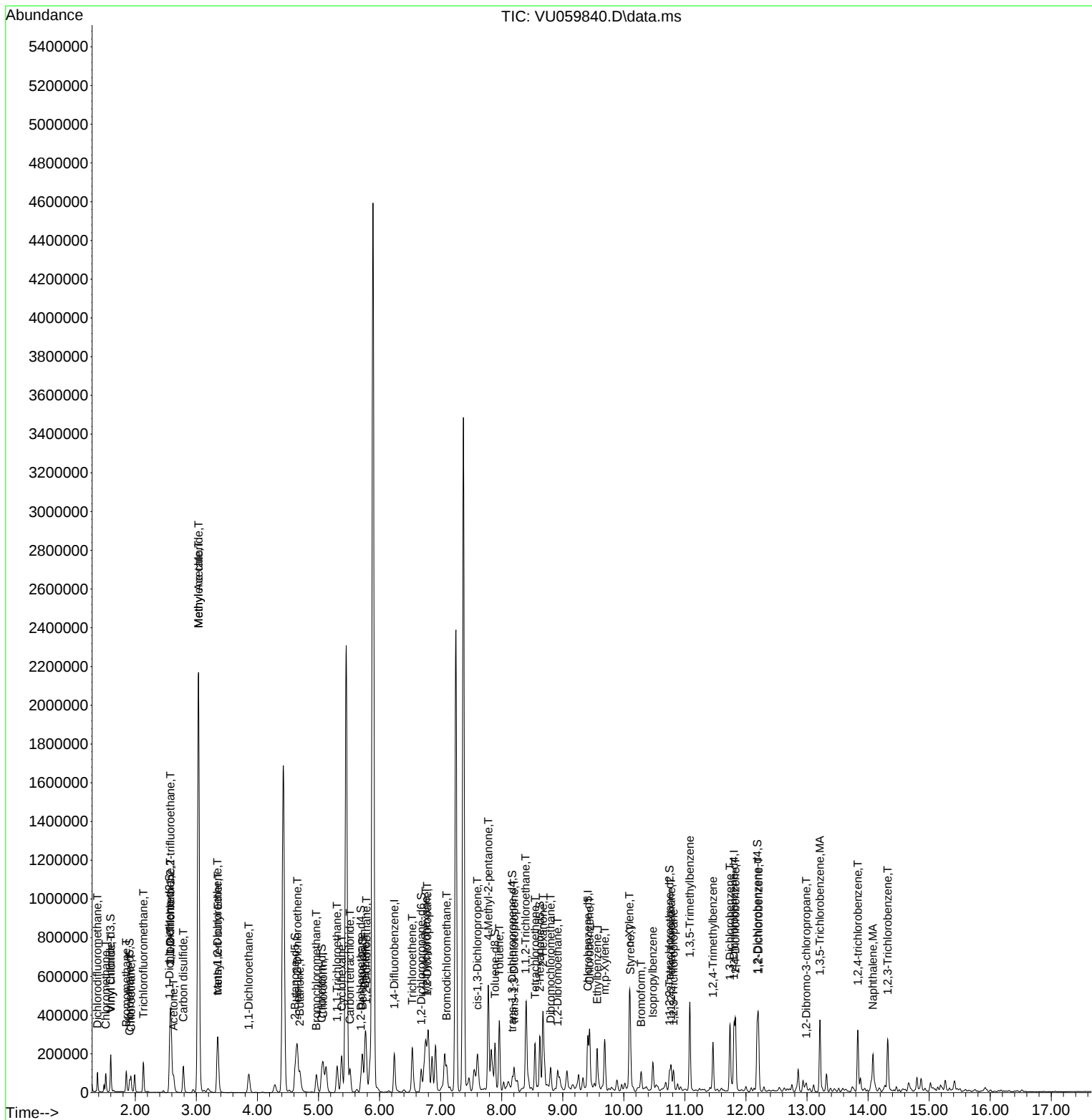
Instrument :
 MSVOA_U
 ClientSampleId :

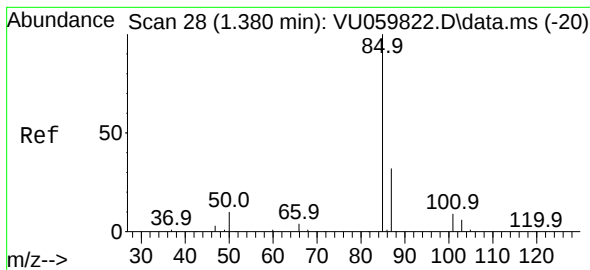
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 Quant Title : TRACE VOA SFAM1.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	102371	6.659	ug/L #	91
29) 1,1,1-Trichloroethane	5.306	97	96384	5.327	ug/L	98
30) Cyclohexane	5.380	56	92227	5.773	ug/L	94
31) Carbon tetrachloride	5.515	117	82669	5.457	ug/L	97
33) Benzene	5.766	78	261293	5.491	ug/L	100
34) Trichloroethene	6.534	95	71545	5.552	ug/L	97
35) Methylcyclohexane	6.756	83	127914	6.976	ug/L	95
37) 1,2-Dichloropropane	6.782	63	67910	5.515	ug/L #	56
38) Bromodichloromethane	7.097	83	86046	5.598	ug/L	96
39) cis-1,3-Dichloropropene	7.602	75	89897	5.338	ug/L	96
40) 4-Methyl-2-pentanone	7.782	43	331027	58.015	ug/L #	93
42) Toluene	7.962	91	261455	5.190	ug/L	99
44) trans-1,3-Dichloropropene	8.203	75	67939	5.026	ug/L	99
45) 1,1,2-Trichloroethane	8.393	97	56981	6.280	ug/L	96
47) Tetrachloroethene	8.547	164	56919	5.692	ug/L	95
48) 2-Hexanone	8.676	43	232033	56.980	ug/L #	91
49) Dibromochloromethane	8.801	129	55477	5.519	ug/L	99
50) 1,2-Dibromoethane	8.917	107	50716	6.052	ug/L	98
51) Chlorobenzene	9.441	112	164601	5.152	ug/L	96
52) Ethylbenzene	9.563	91	134400	2.601	ug/L	95
53) m,p-Xylene	9.688	106	60470	3.047	ug/L	98
54) o-Xylene	10.094	106	115924	6.154	ug/L	98
55) Styrene	10.110	104	133007	4.148	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.775	83	63017	5.725	ug/L	100
59) Bromoform	10.283	173	34805	5.031	ug/L #	98
60) Isopropylbenzene	10.476	105	87513	1.567	ug/L	98
61) 1,2,3-Trichloropropane	10.814	75	41767	5.000	ug/L	96
62) 1,3,5-Trimethylbenzene	11.081	105	244820	5.534	ug/L	98
63) 1,2,4-Trimethylbenzene	11.460	105	134930	3.190	ug/L	98
64) 1,3-Dichlorobenzene	11.740	146	150956	5.315	ug/L	98
65) 1,4-Dichlorobenzene	11.830	146	148787	5.090	ug/L	98
67) 1,2-Dichlorobenzene	12.206	146	140898	5.272	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.987	75	9289	5.701	ug/L #	86
69) 1,3,5-Trichlorobenzene	13.212	180	115805	5.509	ug/L	99
70) 1,2,4-trichlorobenzene	13.833	180	98078	6.082	ug/L	97
71) Naphthalene	14.080	128	159797	6.923	ug/L #	93
72) 1,2,3-Trichlorobenzene	14.322	180	86880	5.802	ug/L #	96

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

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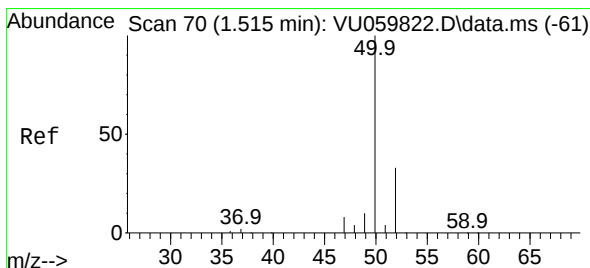
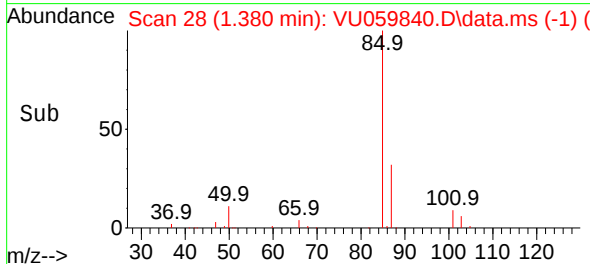
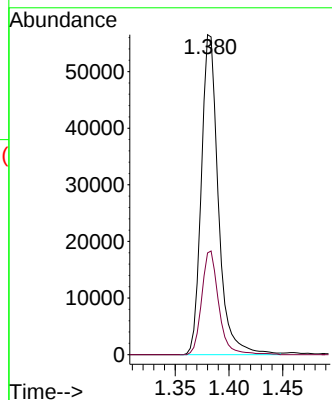
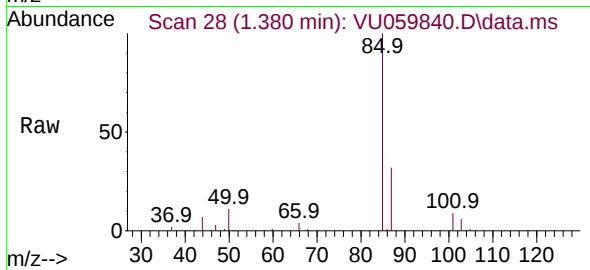




#2
 Dichlorodifluoromethane
 Concen: 4.153 ug/L
 RT: 1.380 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VU059840.D
 Acq: 04 Jul 2024 10:33

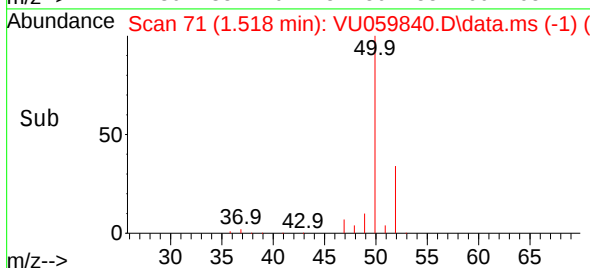
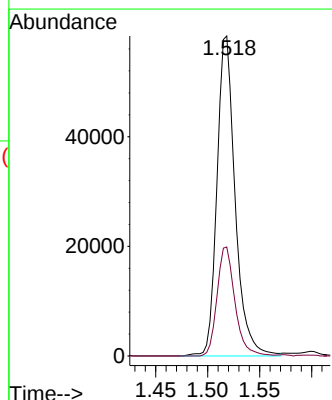
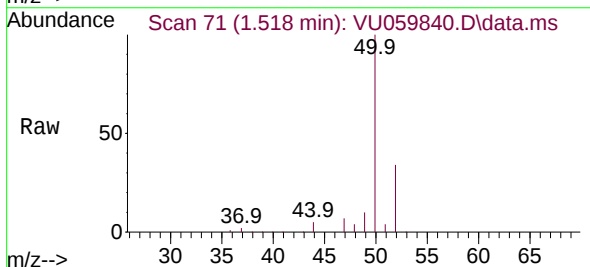
Instrument :
 MSVOA_U
 ClientSampleId :

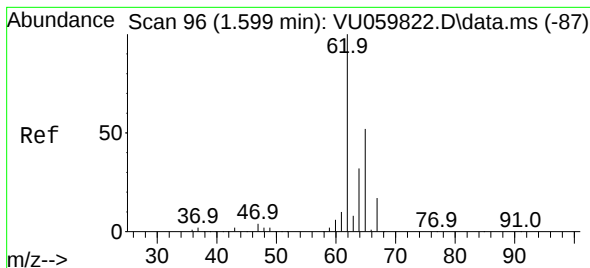
Tgt Ion: 85 Resp: 62306
 Ion Ratio Lower Upper
 85 100
 87 32.4 26.6 40.0



#3
 Chloromethane
 Concen: 4.407 ug/L
 RT: 1.518 min Scan# 71
 Delta R.T. 0.003 min
 Lab File: VU059840.D
 Acq: 04 Jul 2024 10:33

Tgt Ion: 50 Resp: 71163
 Ion Ratio Lower Upper
 50 100
 52 34.0 23.2 43.0





#5

Vinyl chloride

Concen: 4.555 ug/L

RT: 1.602 min Scan# 91

Delta R.T. 0.003 min

Lab File: VU059840.D

Acq: 04 Jul 2024 10:33

Instrument :

MSVOA_U

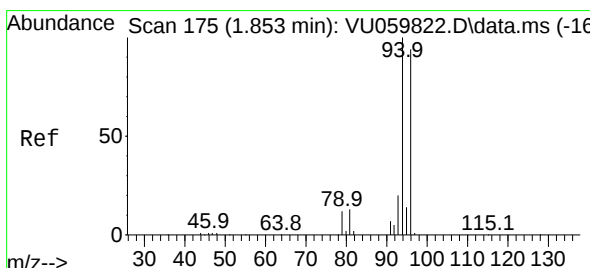
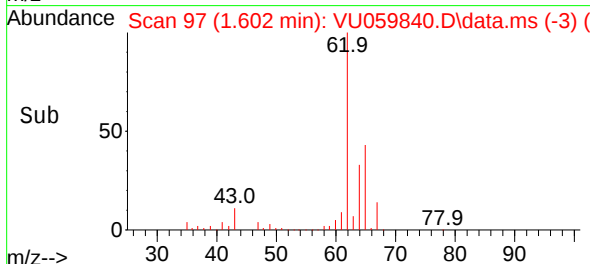
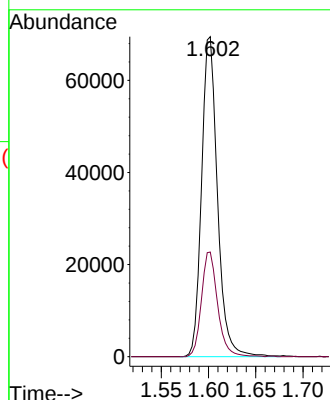
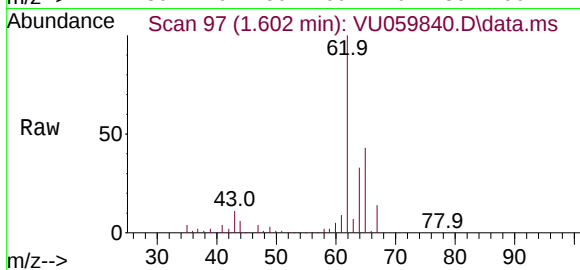
ClientSampleId :

Tgt Ion: 62 Resp: 81254

Ion Ratio Lower Upper

62 100

64 32.7 23.1 42.9



#6

Bromomethane

Concen: 3.939 ug/L

RT: 1.853 min Scan# 175

Delta R.T. -0.000 min

Lab File: VU059840.D

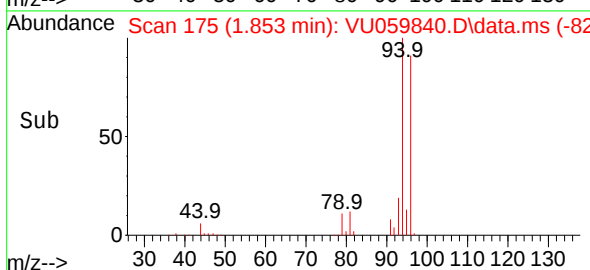
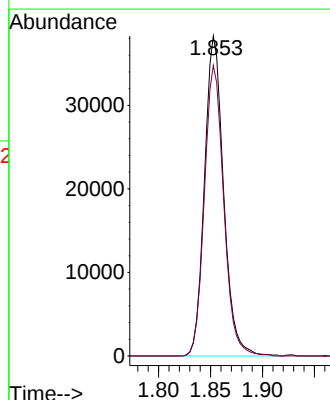
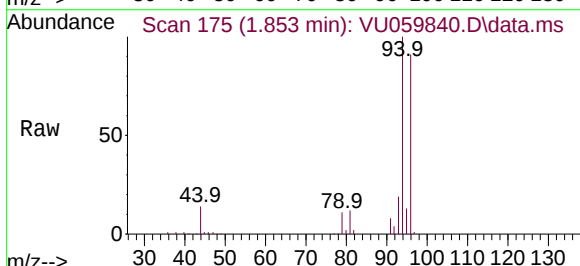
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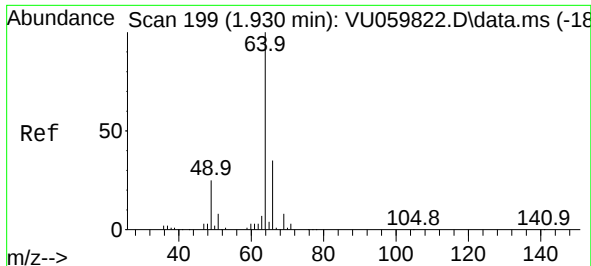
Tgt Ion: 94 Resp: 48855

Ion Ratio Lower Upper

94 100

96 90.8 62.9 116.9

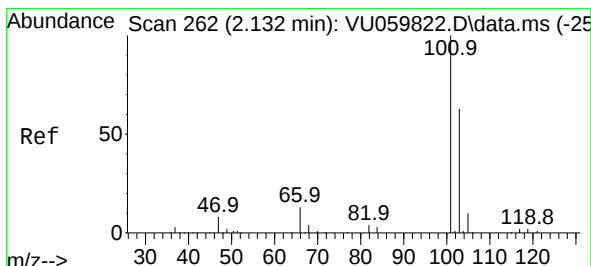
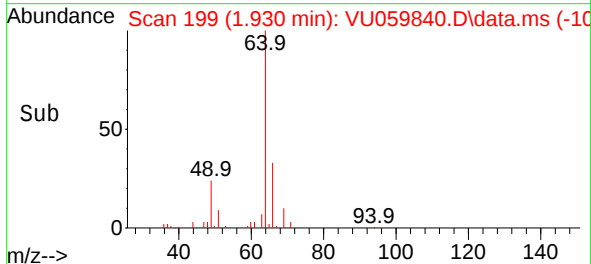
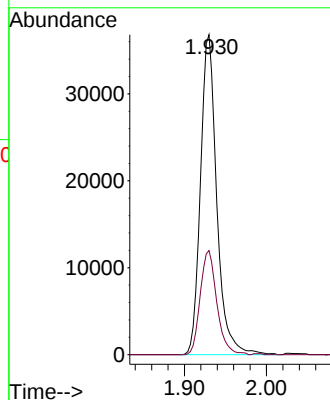
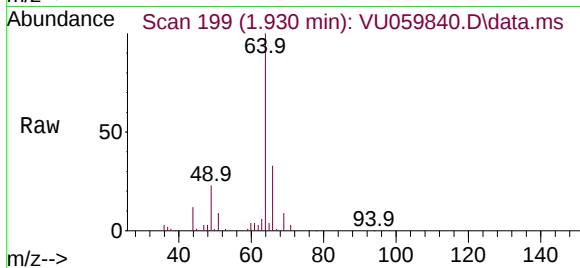




#8
Chloroethane
Concen: 4.714 ug/L
RT: 1.930 min Scan# 199
Delta R.T. -0.000 min
Lab File: VU059840.D
Acq: 04 Jul 2024 10:33

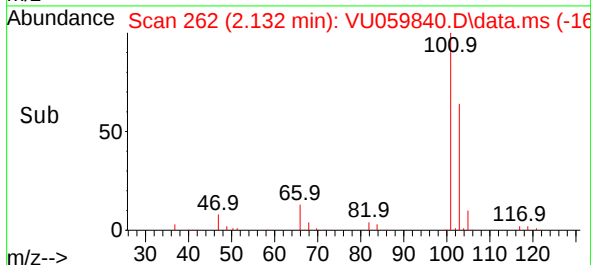
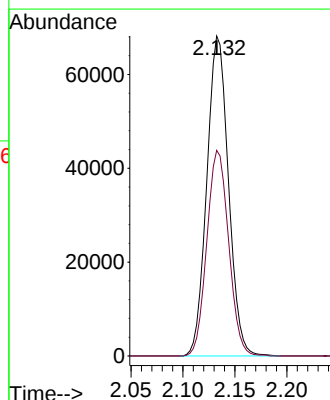
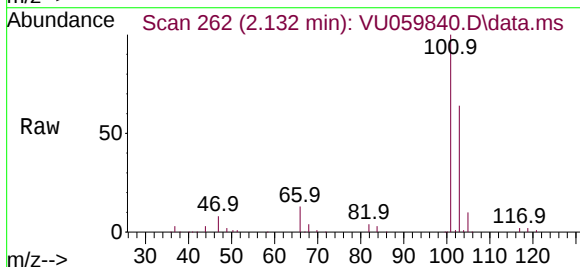
Instrument :
MSVOA_U
ClientSampleId :

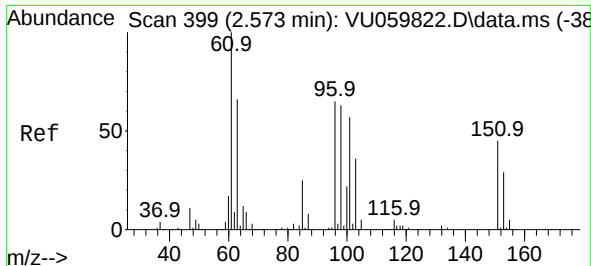
Tgt Ion: 64 Resp: 50669
Ion Ratio Lower Upper
64 100
66 32.5 23.2 43.2



#9
Trichlorofluoromethane
Concen: 4.593 ug/L
RT: 2.132 min Scan# 262
Delta R.T. -0.000 min
Lab File: VU059840.D
Acq: 04 Jul 2024 10:33

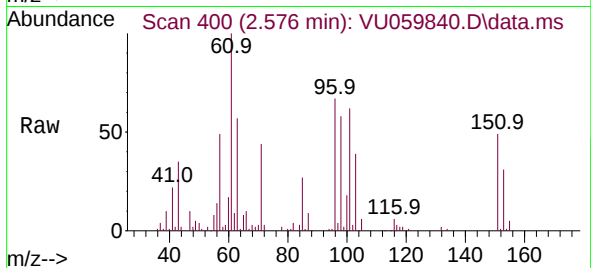
Tgt Ion:101 Resp: 98628
Ion Ratio Lower Upper
101 100
103 64.8 52.6 79.0



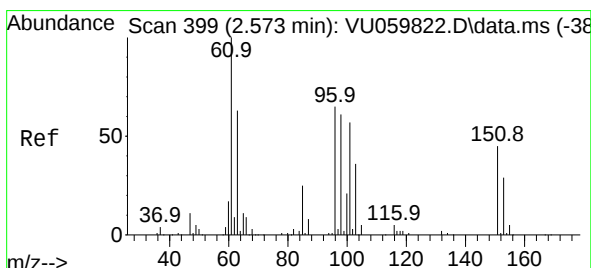
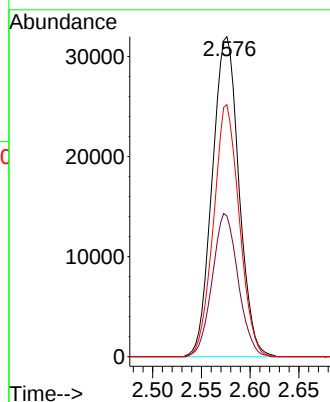
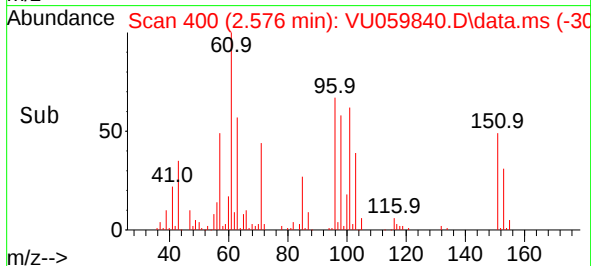


#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 4.473 ug/L
 RT: 2.576 min Scan# 400
 Delta R.T. 0.003 min
 Lab File: VU059840.D
 Acq: 04 Jul 2024 10:33

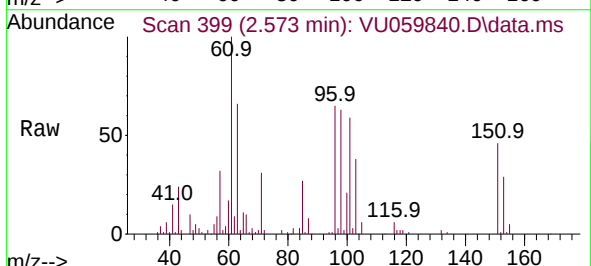
Instrument :
 MSVOA_U
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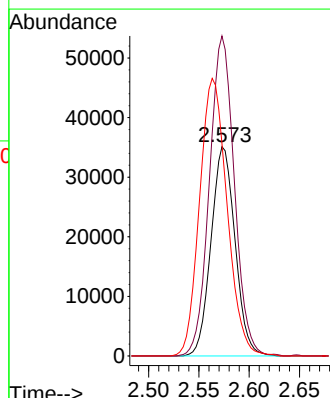
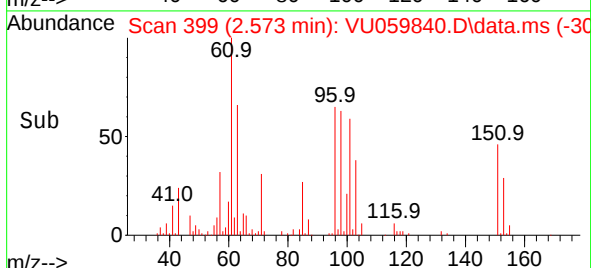
Tgt Ion: 101 Resp: 60810
 Ion Ratio Lower Upper
 101 100
 85 43.4 36.2 54.4
 151 76.1 55.5 83.3

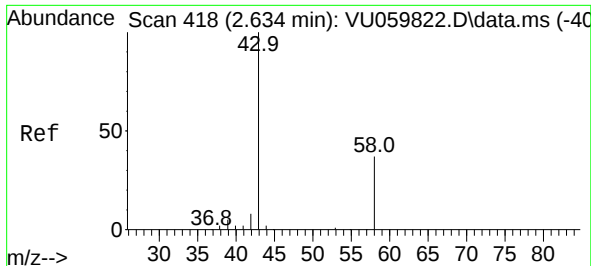


#12
 1,1-Dichloroethene
 Concen: 4.646 ug/L
 RT: 2.573 min Scan# 399
 Delta R.T. -0.000 min
 Lab File: VU059840.D
 Acq: 04 Jul 2024 10:33



Tgt Ion: 96 Resp: 58349
 Ion Ratio Lower Upper
 96 100
 61 152.9 122.9 228.3
 63 101.5 80.4 149.4

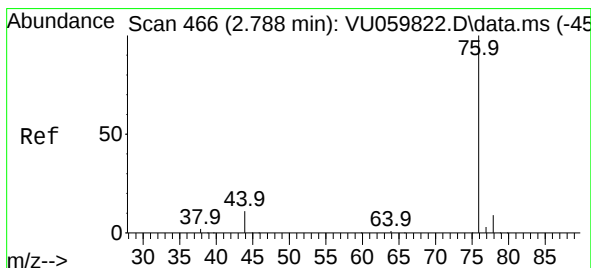
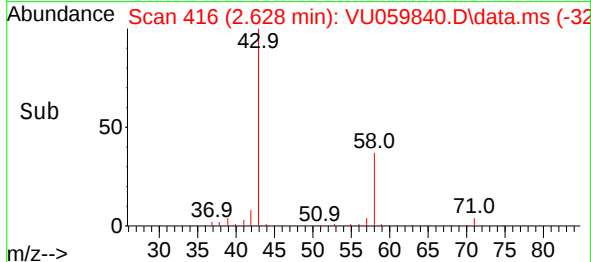
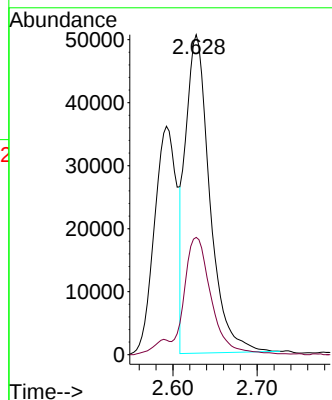
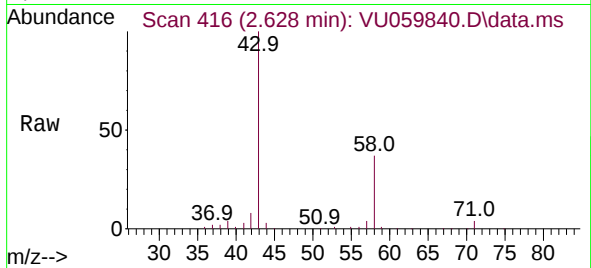




#13
Acetone
Concen: 61.202 ug/L
RT: 2.628 min Scan# 416
Delta R.T. -0.006 min
Lab File: VU059840.D
Acq: 04 Jul 2024 10:33

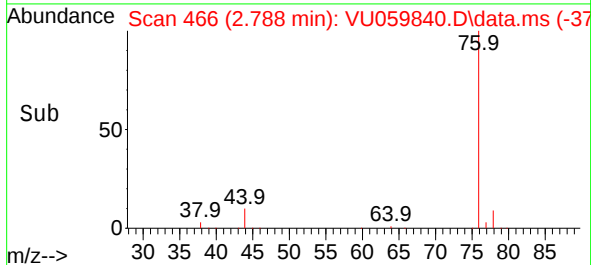
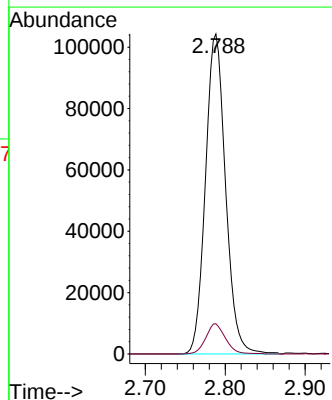
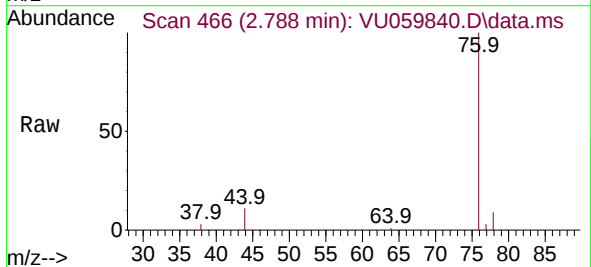
Instrument :
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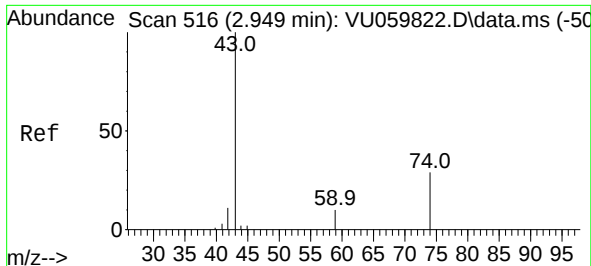
Tgt Ion: 43 Resp: 100691
Ion Ratio Lower Upper
43 100
58 39.9 0.0 68.0



#14
Carbon disulfide
Concen: 4.351 ug/L
RT: 2.788 min Scan# 466
Delta R.T. -0.000 min
Lab File: VU059840.D
Acq: 04 Jul 2024 10:33

Tgt Ion: 76 Resp: 182295
Ion Ratio Lower Upper
76 100
78 9.4 7.3 10.9





#15

Methyl Acetate

Concen: 313.573 ug/L

RT: 3.036 min Scan# 543

Delta R.T. 0.087 min

Lab File: VU059840.D

Acq: 04 Jul 2024 10:33

Instrument :

MSVOA_U

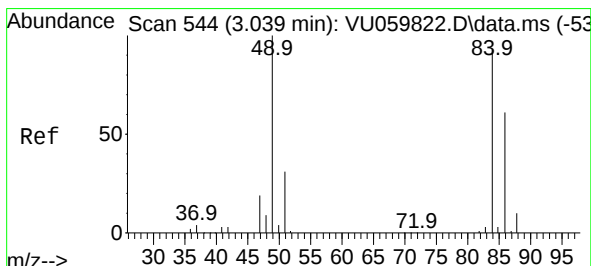
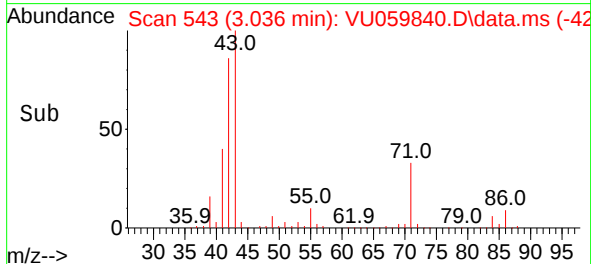
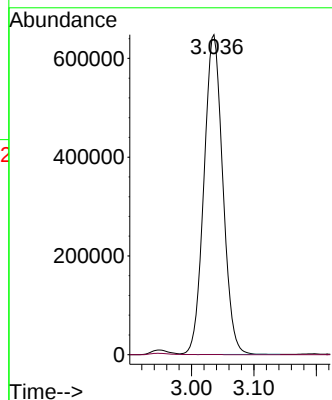
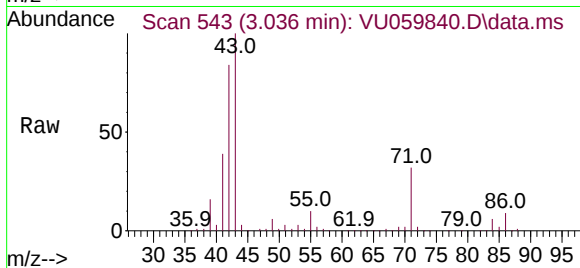
ClientSampleId :

Tgt Ion: 43 Resp: 1361401

Ion Ratio Lower Upper

43 100

74 0.0 19.2 28.8#



#16

Methylene chloride

Concen: 5.203 ug/L

RT: 3.036 min Scan# 543

Delta R.T. -0.003 min

Lab File: VU059840.D

Acq: 04 Jul 2024 10:33

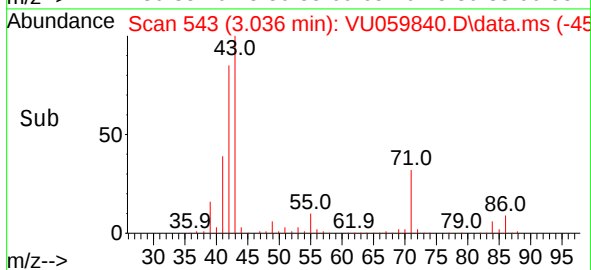
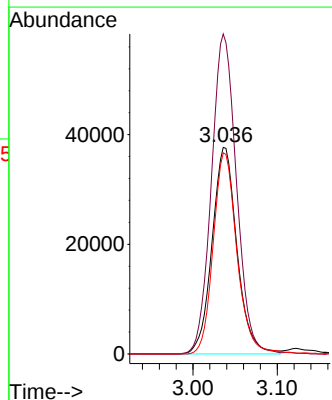
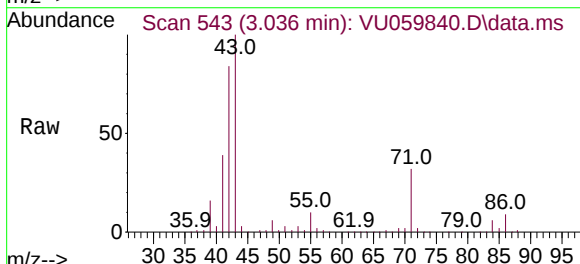
Tgt Ion: 84 Resp: 77435

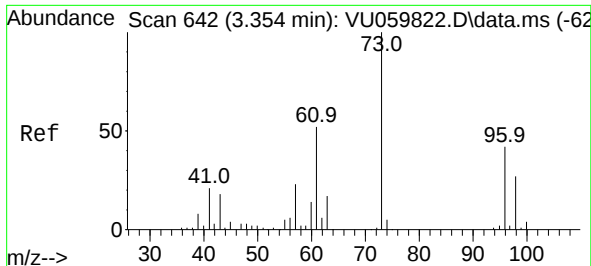
Ion Ratio Lower Upper

84 100

86 154.9 42.1 78.1#

49 97.3 80.6 149.8

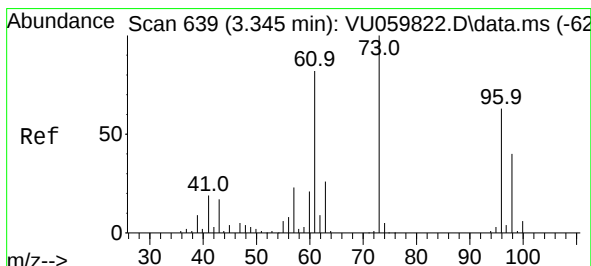
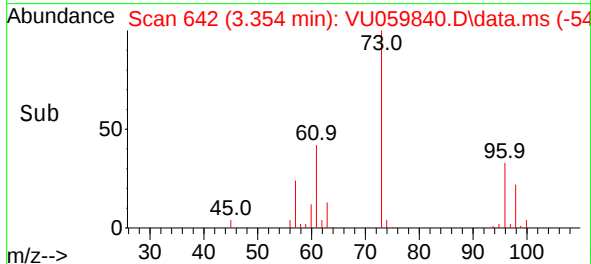
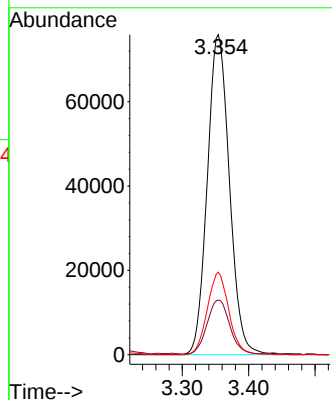
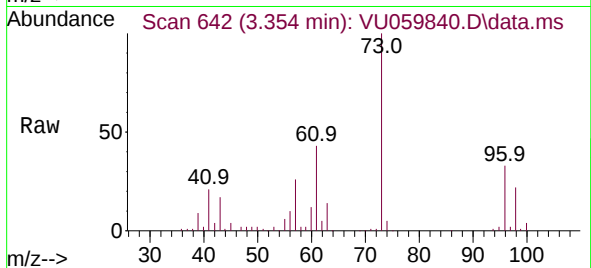




#17
Methyl tert-butyl Ether
Concen: 6.506 ug/L
RT: 3.354 min Scan# 642
Delta R.T. -0.000 min
Lab File: VU059840.D
Acq: 04 Jul 2024 10:33

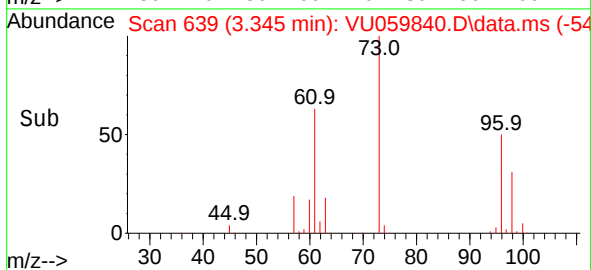
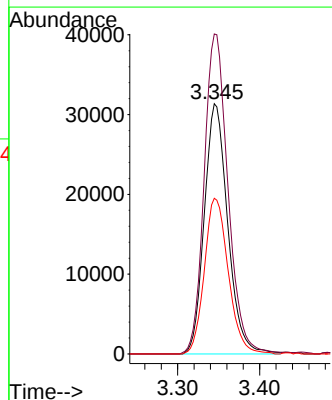
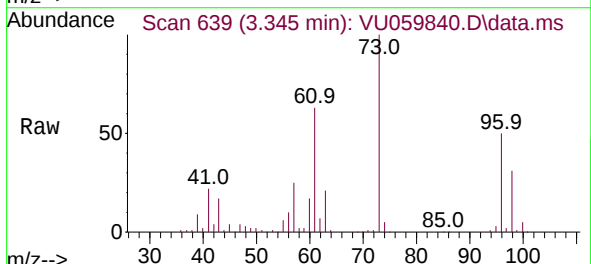
Instrument :
MSVOA_U
ClientSampleId :

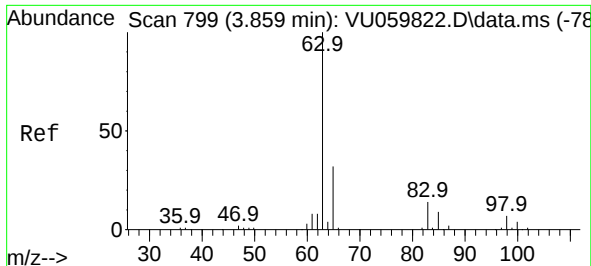
Tgt Ion: 73 Resp: 176059
Ion Ratio Lower Upper
73 100
43 17.1 14.9 22.3
57 25.0 18.0 27.0



#18
trans-1,2-Dichloroethene
Concen: 4.781 ug/L
RT: 3.345 min Scan# 639
Delta R.T. -0.000 min
Lab File: VU059840.D
Acq: 04 Jul 2024 10:33

Tgt Ion: 96 Resp: 62438
Ion Ratio Lower Upper
96 100
61 127.9 101.8 189.0
98 62.2 43.3 80.5

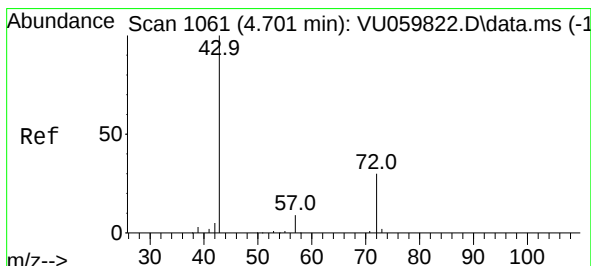
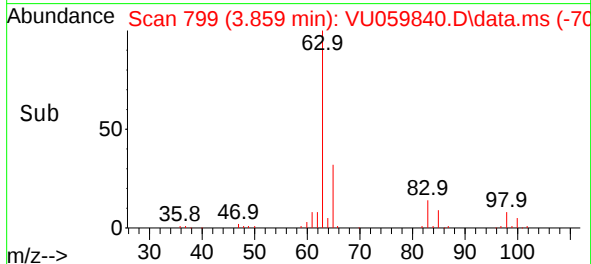
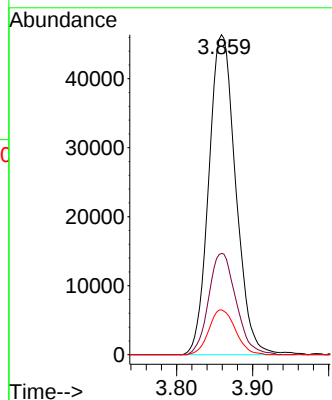
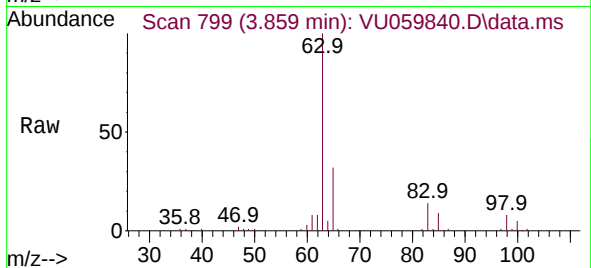




#19
1,1-Dichloroethane
Concen: 4.722 ug/L
RT: 3.859 min Scan# 799
Delta R.T. -0.000 min
Lab File: VU059840.D
Acq: 04 Jul 2024 10:33

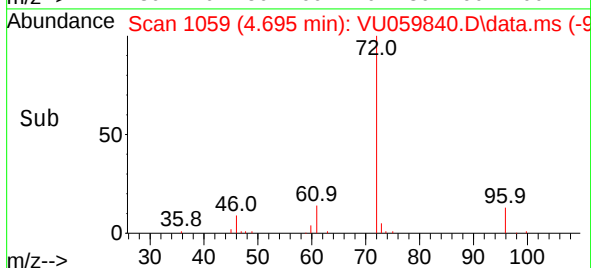
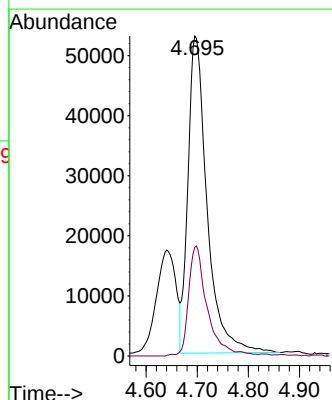
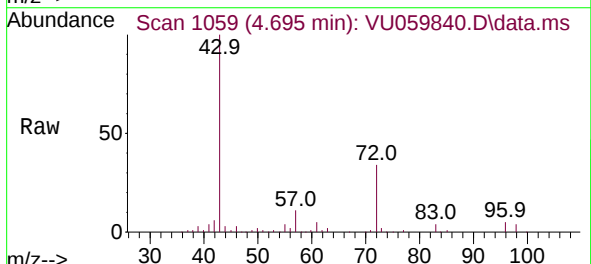
Instrument :
MSVOA_U
ClientSampleId :

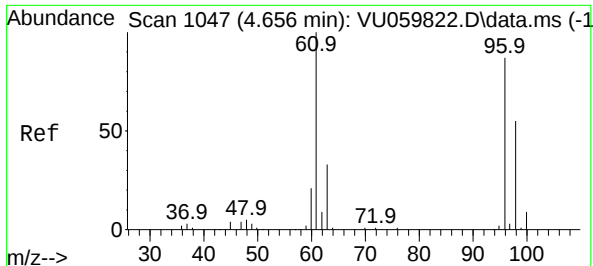
Tgt Ion: 63 Resp: 113738
Ion Ratio Lower Upper
63 100
65 32.2 21.8 40.6
83 14.0 9.9 18.5



#21
2-Butanone
Concen: 52.016 ug/L
RT: 4.695 min Scan# 1059
Delta R.T. -0.006 min
Lab File: VU059840.D
Acq: 04 Jul 2024 10:33

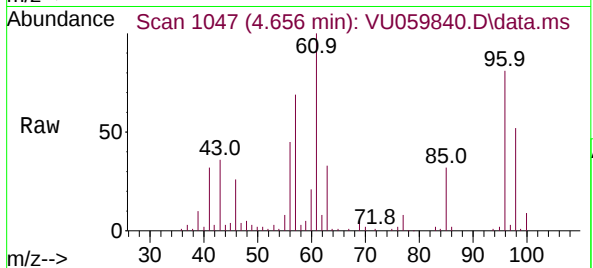
Tgt Ion: 43 Resp: 137261
Ion Ratio Lower Upper
43 100
72 31.5 13.8 41.4



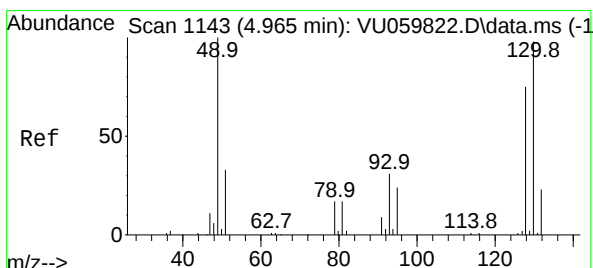
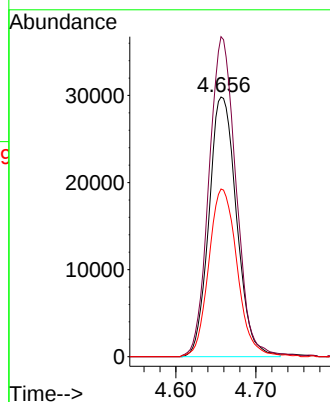
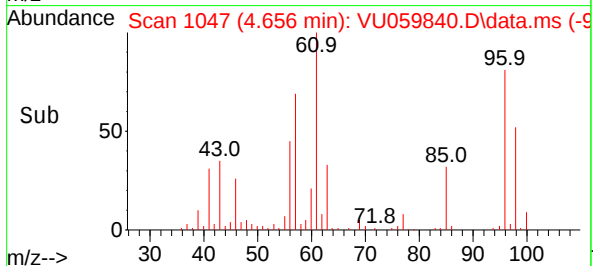


#22
 cis-1,2-Dichloroethene
 Concen: 4.969 ug/L
 RT: 4.656 min Scan# 1047
 Delta R.T. -0.000 min
 Lab File: VU059840.D
 Acq: 04 Jul 2024 10:33

Instrument :
 MSVOA_U
 ClientSampleId :

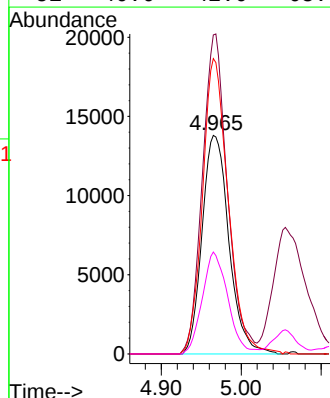
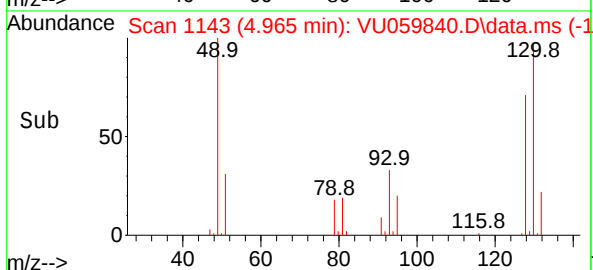
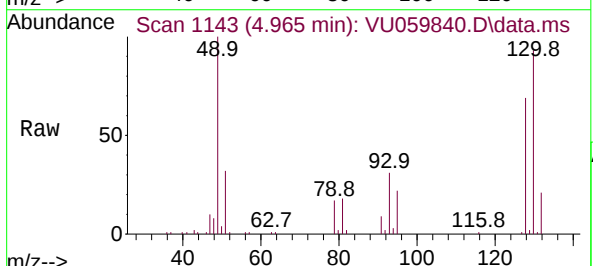


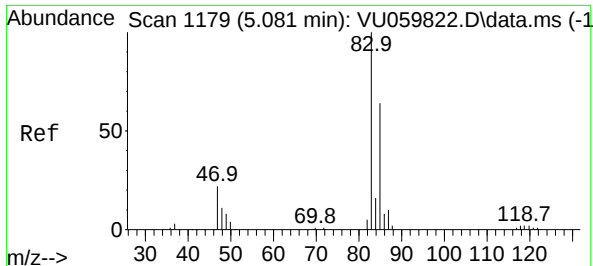
Tgt Ion: 96 Resp: 71529
 Ion Ratio Lower Upper
 96 100
 61 123.3 87.4 162.2
 98 64.6 42.3 78.5



#23
 Bromochloromethane
 Concen: 4.908 ug/L
 RT: 4.965 min Scan# 1143
 Delta R.T. -0.000 min
 Lab File: VU059840.D
 Acq: 04 Jul 2024 10:33

Tgt Ion: 128 Resp: 32214
 Ion Ratio Lower Upper
 128 100
 49 145.9 117.0 217.4
 130 135.2 89.6 166.4
 51 46.6 42.0 63.0





#25

Chloroform

Concen: 4.918 ug/L

RT: 5.078 min Scan# 1179

Delta R.T. -0.003 min

Lab File: VU059840.D

Acq: 04 Jul 2024 10:33

Instrument :

MSVOA_U

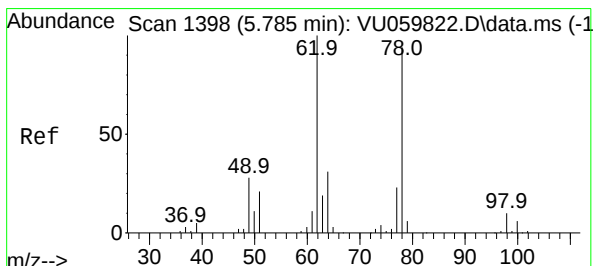
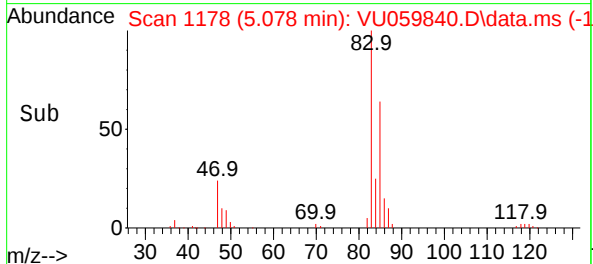
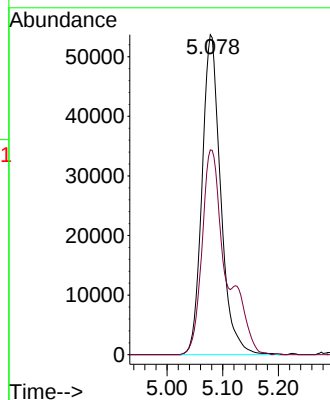
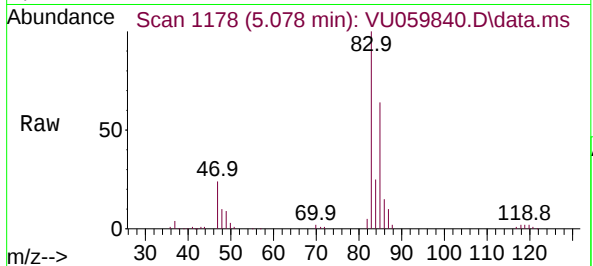
ClientSampleId :

Tgt Ion: 83 Resp: 124749

Ion Ratio Lower Upper

83 100

85 64.0 44.7 83.1



#27

1,2-Dichloroethane

Concen: 6.659 ug/L

RT: 5.785 min Scan# 1398

Delta R.T. -0.000 min

Lab File: VU059840.D

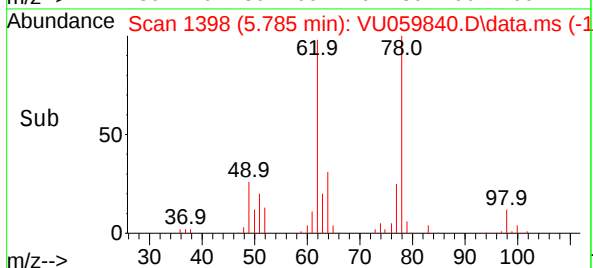
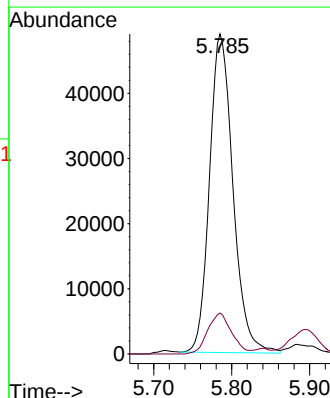
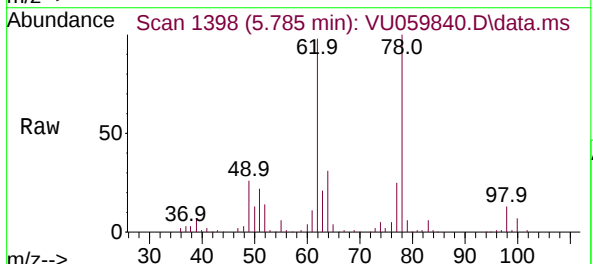
Acq: 04 Jul 2024 10:33

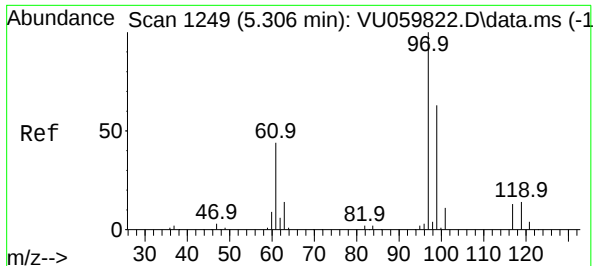
Tgt Ion: 62 Resp: 102371

Ion Ratio Lower Upper

62 100

98 12.8 7.5 11.3#

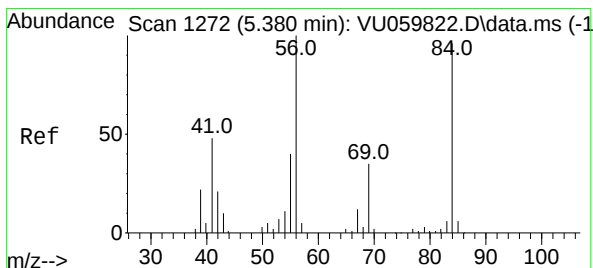
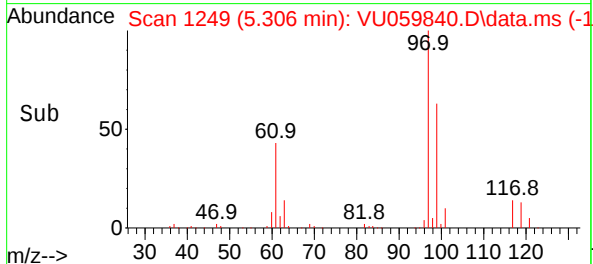
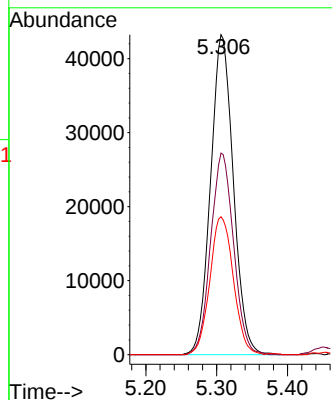
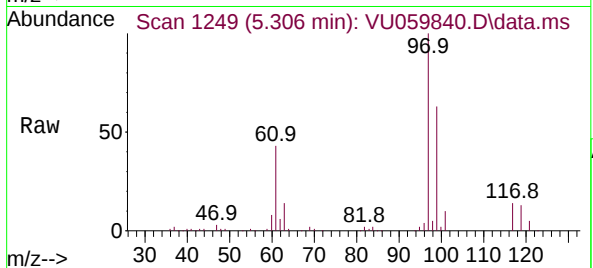




#29
1,1,1-Trichloroethane
Concen: 5.327 ug/L
RT: 5.306 min Scan# 1249
Delta R.T. -0.000 min
Lab File: VU059840.D
Acq: 04 Jul 2024 10:33

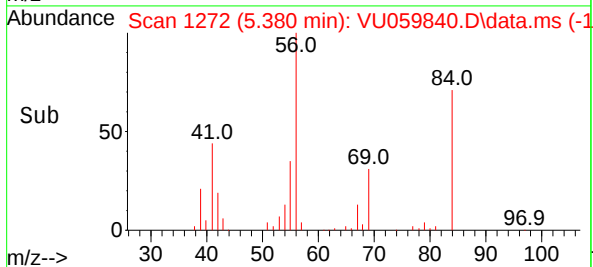
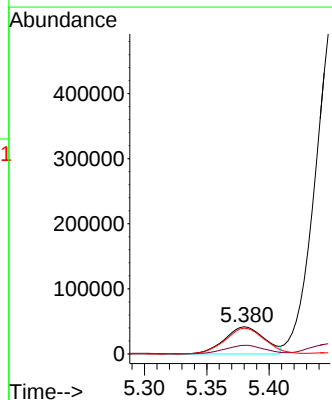
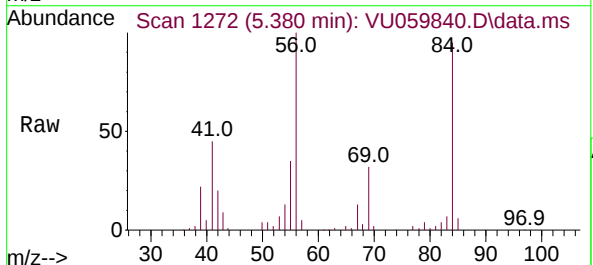
Instrument :
MSVOA_U
ClientSampleId :

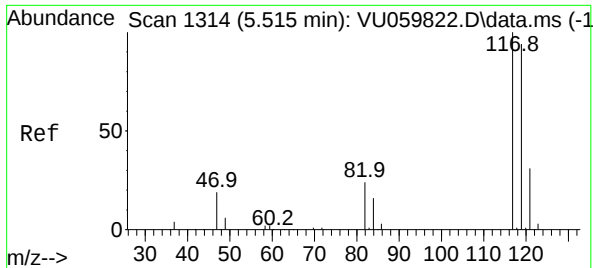
Tgt Ion:	97	Resp:	96384
Ion	Ratio	Lower	Upper
97	100		
99	63.5	51.8	77.6
61	44.6	37.4	56.2



#30
Cyclohexane
Concen: 5.773 ug/L
RT: 5.380 min Scan# 1272
Delta R.T. -0.000 min
Lab File: VU059840.D
Acq: 04 Jul 2024 10:33

Tgt Ion:	56	Resp:	92227
Ion	Ratio	Lower	Upper
56	100		
69	31.9	24.8	37.2
84	93.9	69.8	104.8

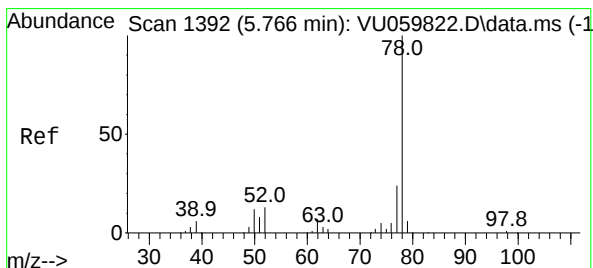
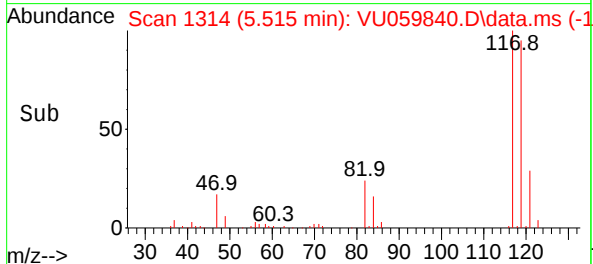
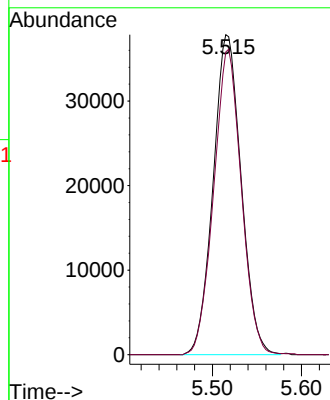
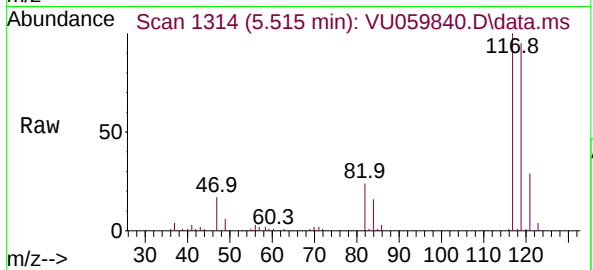




#31
Carbon tetrachloride
Concen: 5.457 ug/L
RT: 5.515 min Scan# 1314
Delta R.T. -0.000 min
Lab File: VU059840.D
Acq: 04 Jul 2024 10:33

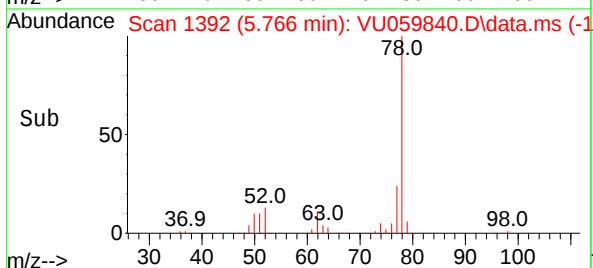
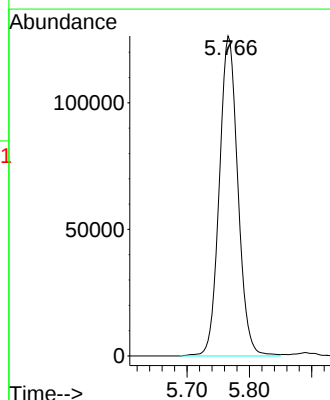
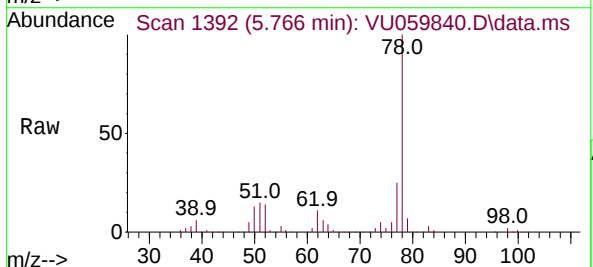
Instrument :
MSVOA_U
ClientSampleId :

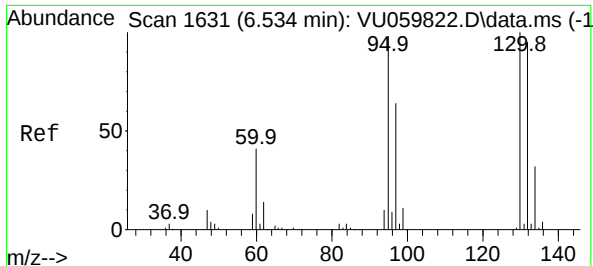
Tgt Ion:117 Resp: 82669
Ion Ratio Lower Upper
117 100
119 94.2 77.5 116.3



#33
Benzene
Concen: 5.491 ug/L
RT: 5.766 min Scan# 1392
Delta R.T. -0.000 min
Lab File: VU059840.D
Acq: 04 Jul 2024 10:33

Tgt Ion: 78 Resp: 261293

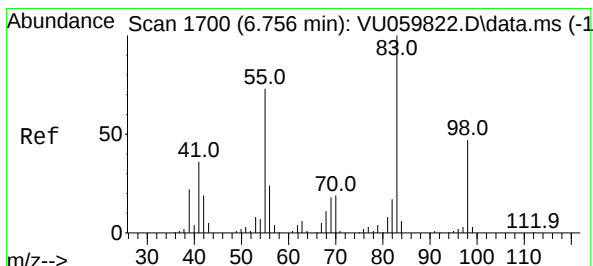
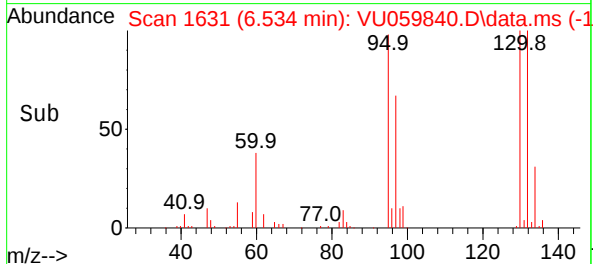
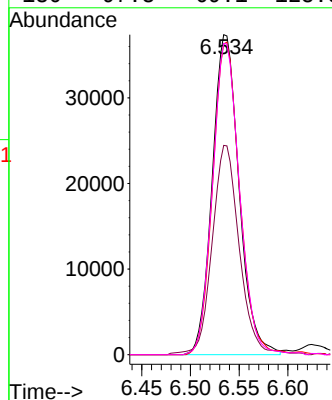
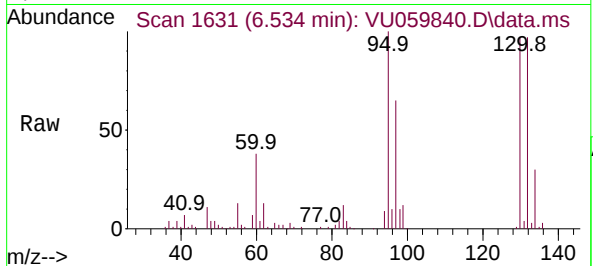




#34
Trichloroethene
Concen: 5.552 ug/L
RT: 6.534 min Scan# 1
Delta R.T. -0.000 min
Lab File: VU059840.D
Acq: 04 Jul 2024 10:33

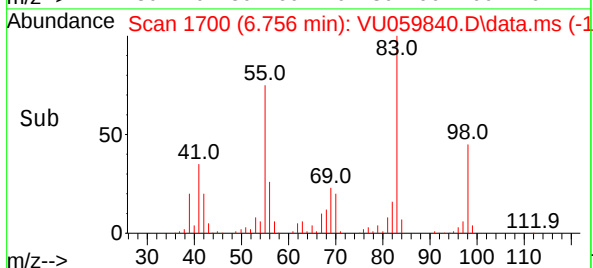
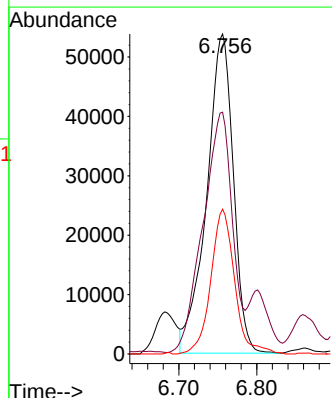
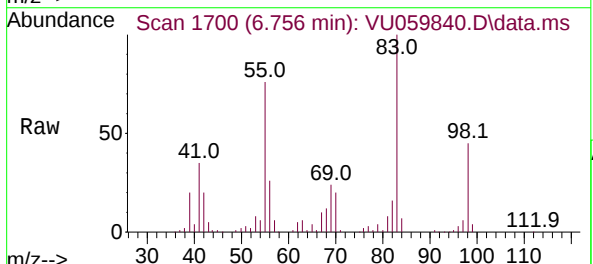
Instrument :
MSVOA_U
ClientSampleId :

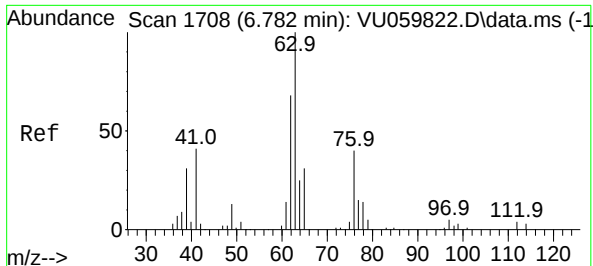
Tgt Ion: 95 Resp: 71545
Ion Ratio Lower Upper
95 100
97 65.4 45.3 84.1
132 97.1 64.0 119.0
130 97.3 69.1 128.3



#35
Methylcyclohexane
Concen: 6.976 ug/L
RT: 6.756 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VU059840.D
Acq: 04 Jul 2024 10:33

Tgt Ion: 83 Resp: 127914
Ion Ratio Lower Upper
83 100
55 82.8 62.7 94.1
98 40.4 35.4 53.0

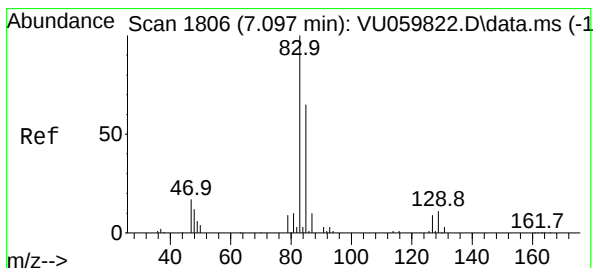
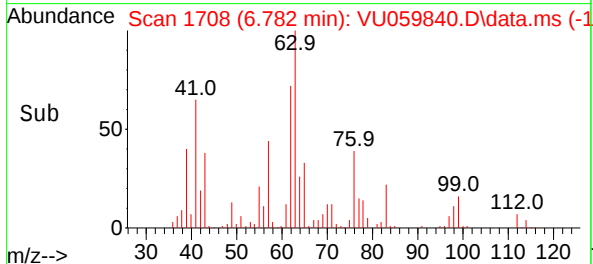
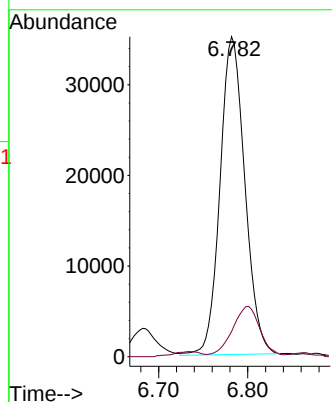
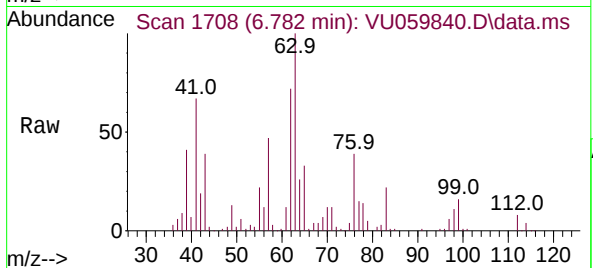




#37
1,2-Dichloropropane
Concen: 5.515 ug/L
RT: 6.782 min Scan# 1
Delta R.T. -0.000 min
Lab File: VU059840.D
Acq: 04 Jul 2024 10:33

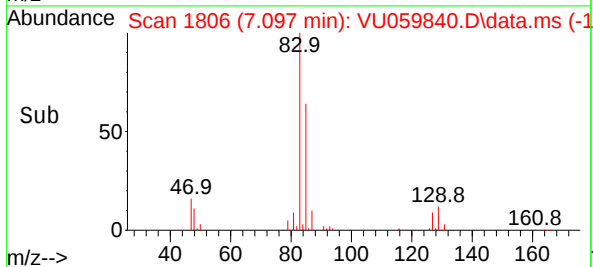
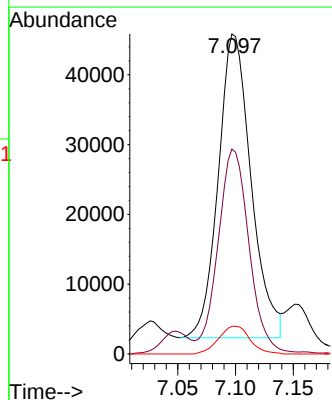
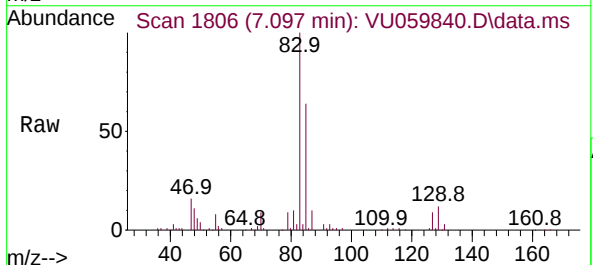
Instrument :
MSVOA_U
ClientSampleId :

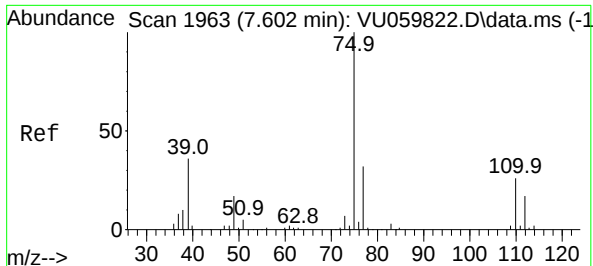
Tgt Ion: 63 Resp: 67910
Ion Ratio Lower Upper
63 100
112 17.8 2.6 3.8#



#38
Bromodichloromethane
Concen: 5.598 ug/L
RT: 7.097 min Scan# 1806
Delta R.T. -0.000 min
Lab File: VU059840.D
Acq: 04 Jul 2024 10:33

Tgt Ion: 83 Resp: 86046
Ion Ratio Lower Upper
83 100
85 64.0 42.7 79.3
127 8.6 6.1 9.1

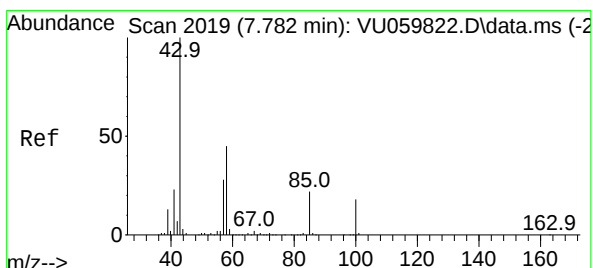
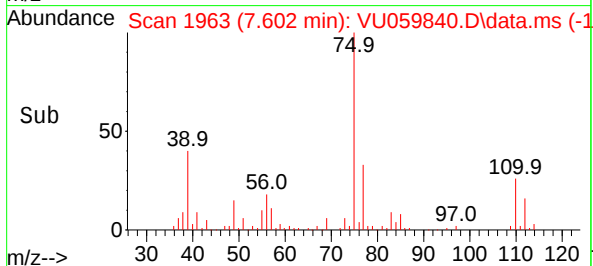
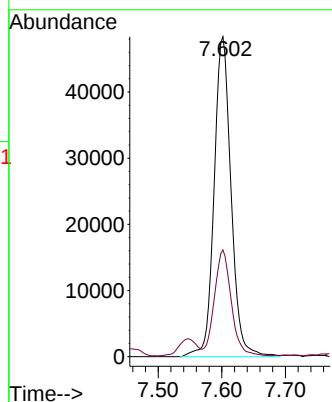
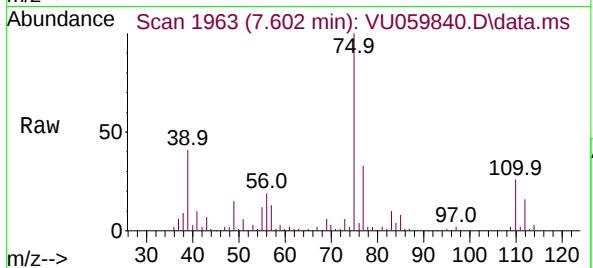




#39
 cis-1,3-Dichloropropene
 Concen: 5.338 ug/L
 RT: 7.602 min Scan# 1963
 Delta R.T. -0.000 min
 Lab File: VU059840.D
 Acq: 04 Jul 2024 10:33

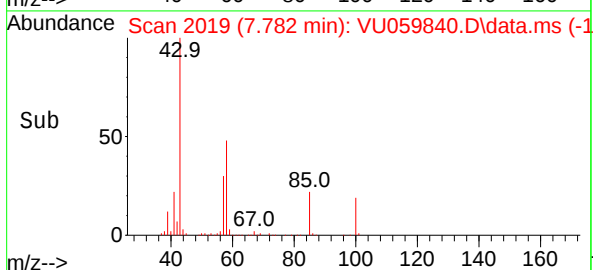
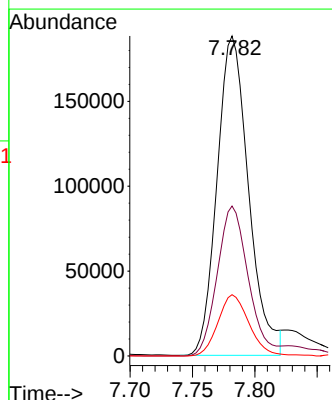
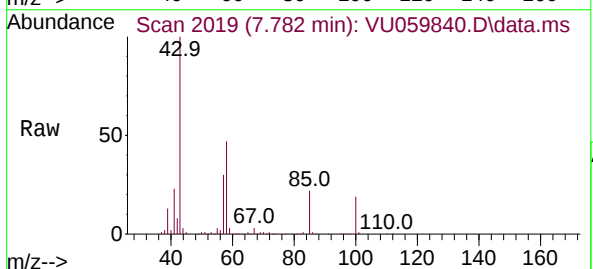
Instrument :
 MSVOA_U
 ClientSampleId :

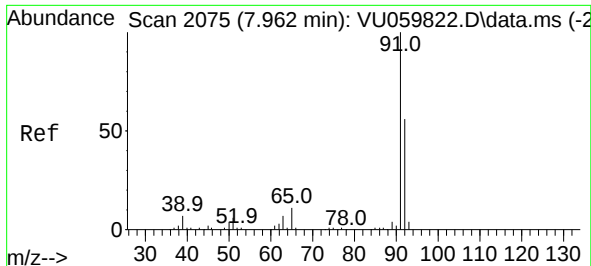
Tgt Ion: 75 Resp: 89897
 Ion Ratio Lower Upper
 75 100
 77 33.4 22.0 40.8



#40
 4-Methyl-2-pentanone
 Concen: 58.015 ug/L
 RT: 7.782 min Scan# 2019
 Delta R.T. -0.000 min
 Lab File: VU059840.D
 Acq: 04 Jul 2024 10:33

Tgt Ion: 43 Resp: 331027
 Ion Ratio Lower Upper
 43 100
 58 46.3 34.0 51.0
 100 19.0 12.1 18.1#





#42

Toluene

Concen: 5.190 ug/L

RT: 7.962 min Scan# 2075

Delta R.T. -0.000 min

Lab File: VU059840.D

Acq: 04 Jul 2024 10:33

Instrument :

MSVOA_U

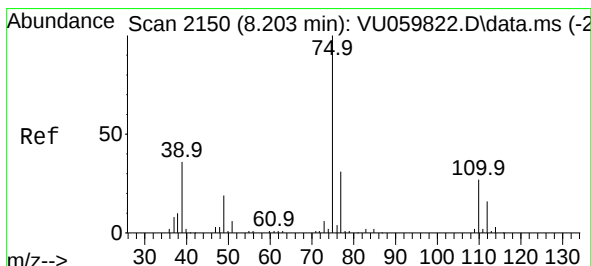
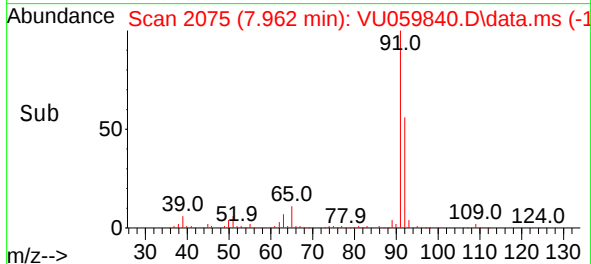
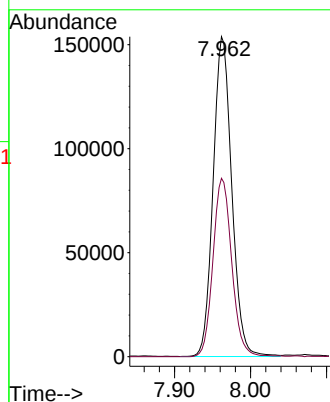
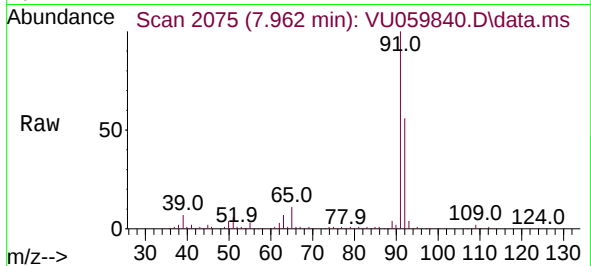
ClientSampleId :

Tgt Ion: 91 Resp: 261455

Ion Ratio Lower Upper

91 100

92 55.7 39.7 73.7



#44

trans-1,3-Dichloropropene

Concen: 5.026 ug/L

RT: 8.203 min Scan# 2150

Delta R.T. -0.000 min

Lab File: VU059840.D

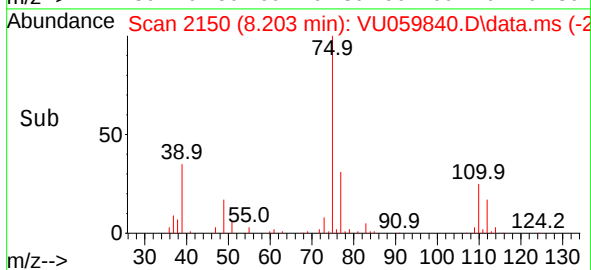
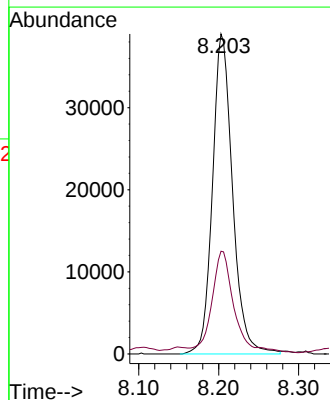
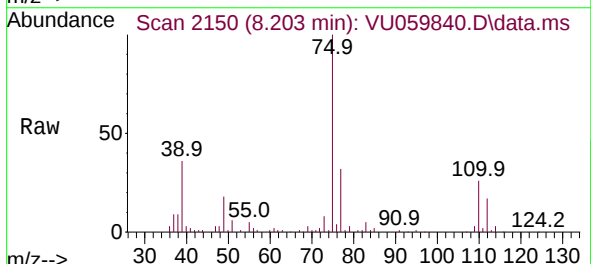
Acq: 04 Jul 2024 10:33

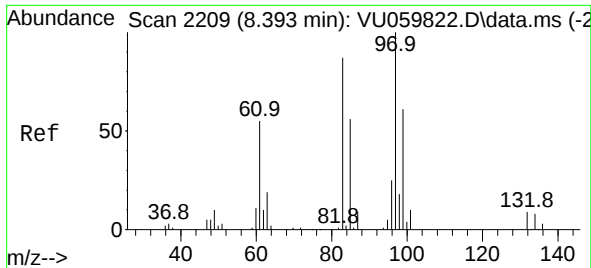
Tgt Ion: 75 Resp: 67939

Ion Ratio Lower Upper

75 100

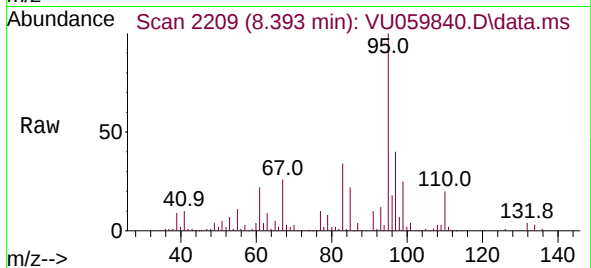
77 32.1 22.0 41.0



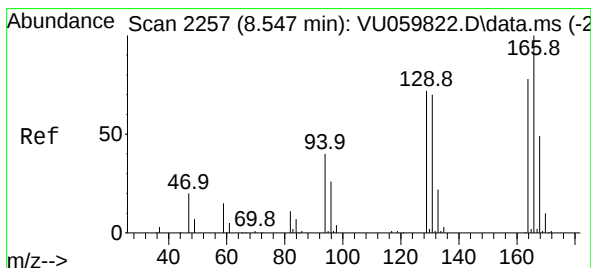
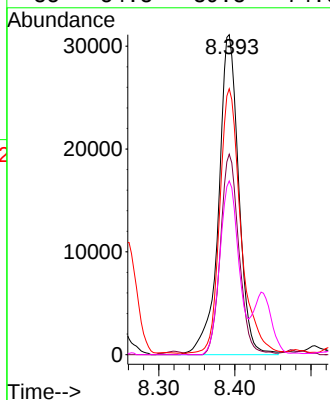
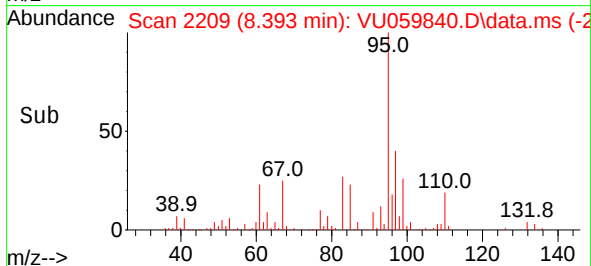


#45
1,1,2-Trichloroethane
Concen: 6.280 ug/L
RT: 8.393 min Scan# 2209
Delta R.T. -0.000 min
Lab File: VU059840.D
Acq: 04 Jul 2024 10:33

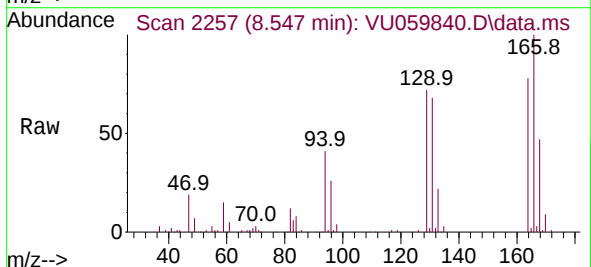
Instrument :
MSVOA_U
ClientSampleId :



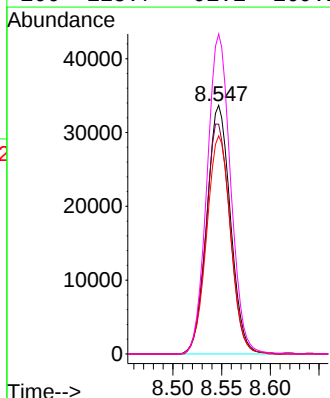
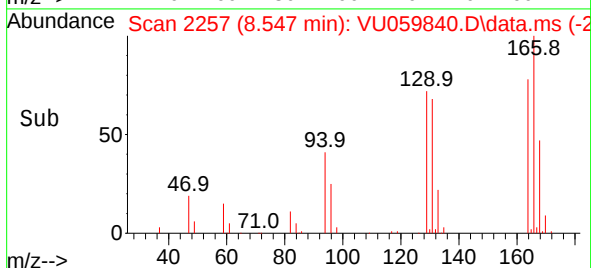
Tgt Ion:	97	Resp:	56981
Ion	Ratio	Lower	Upper
97	100		
99	62.7	43.3	80.3
83	83.1	62.3	115.7
85	54.3	39.8	74.0

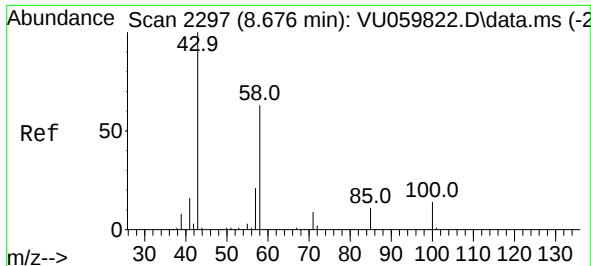


#47
Tetrachloroethene
Concen: 5.692 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. -0.000 min
Lab File: VU059840.D
Acq: 04 Jul 2024 10:33



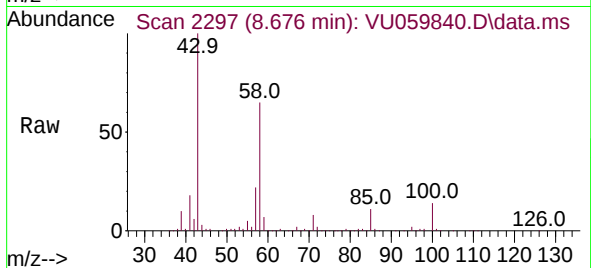
Tgt Ion:	164	Resp:	56919
Ion	Ratio	Lower	Upper
164	100		
129	92.4	70.8	131.4
131	87.7	64.8	120.3
166	128.7	91.1	169.1



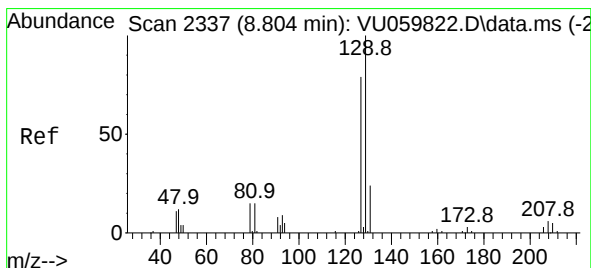
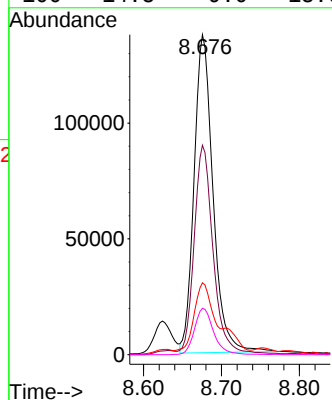
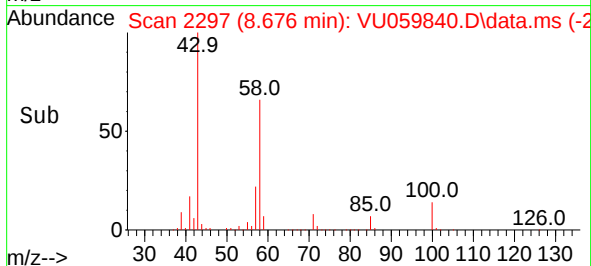


#48
2-Hexanone
Concen: 56.980 ug/L
RT: 8.676 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU059840.D
Acq: 04 Jul 2024 10:33

Instrument :
MSVOA_U
ClientSampleId :

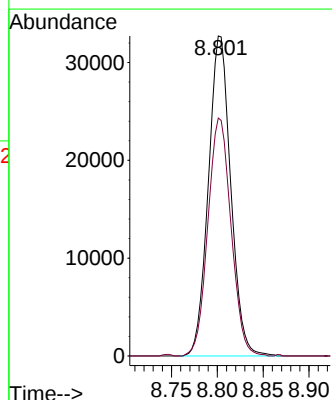
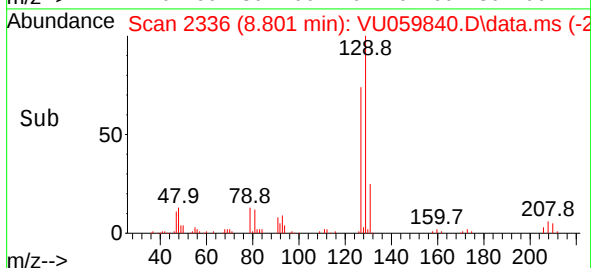
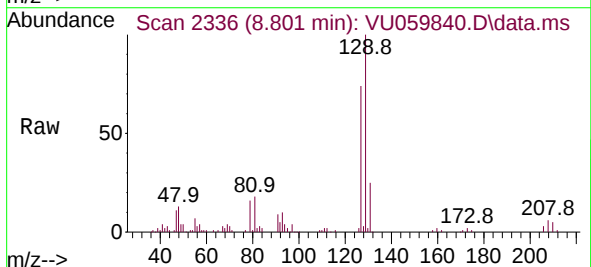


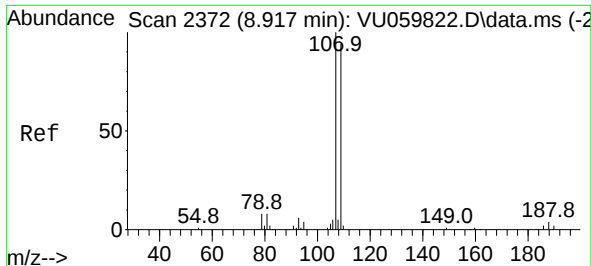
Tgt Ion: 43 Resp: 232033
Ion Ratio Lower Upper
43 100
58 65.5 46.1 69.1
57 21.2 15.5 23.3
100 14.8 9.0 13.6#



#49
Dibromochloromethane
Concen: 5.519 ug/L
RT: 8.801 min Scan# 2336
Delta R.T. -0.003 min
Lab File: VU059840.D
Acq: 04 Jul 2024 10:33

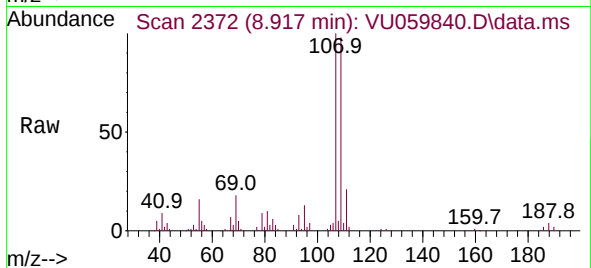
Tgt Ion: 129 Resp: 55477
Ion Ratio Lower Upper
129 100
127 74.4 52.5 97.5



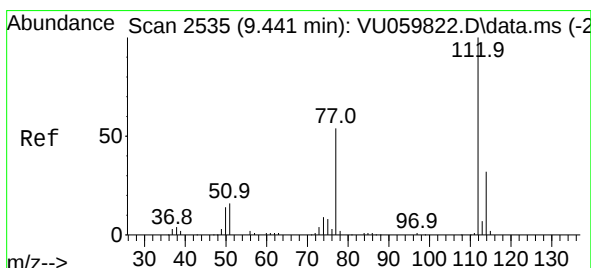
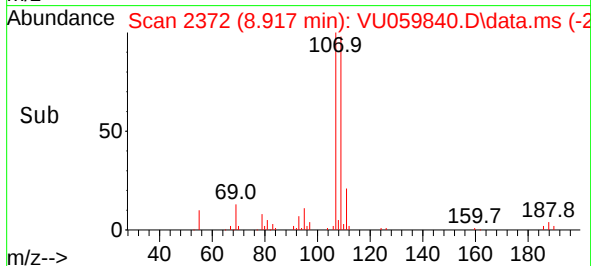
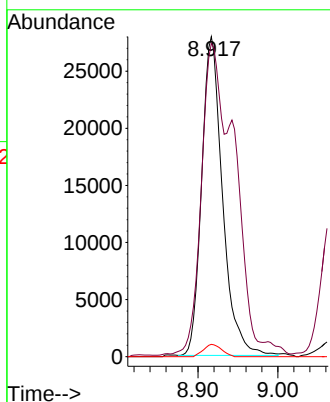


#50
1,2-Dibromoethane
Concen: 6.052 ug/L
RT: 8.917 min Scan# 2372
Delta R.T. -0.000 min
Lab File: VU059840.D
Acq: 04 Jul 2024 10:33

Instrument :
MSVOA_U
ClientSampleId :

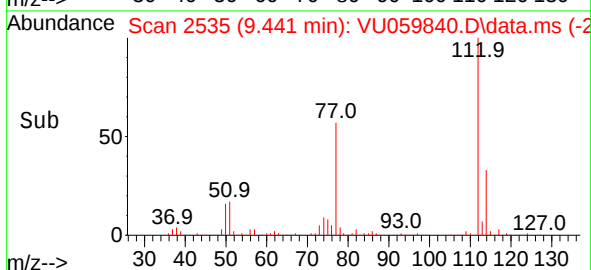
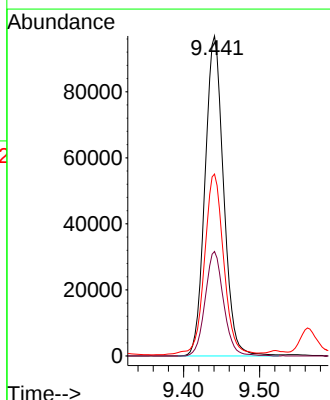
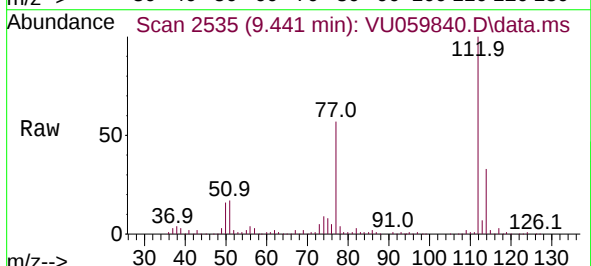


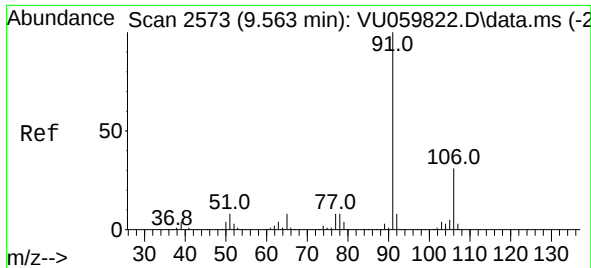
Tgt Ion:107 Resp: 50716
Ion Ratio Lower Upper
107 100
109 97.8 66.9 124.3
188 3.9 2.7 4.1



#51
Chlorobenzene
Concen: 5.152 ug/L
RT: 9.441 min Scan# 2535
Delta R.T. -0.000 min
Lab File: VU059840.D
Acq: 04 Jul 2024 10:33

Tgt Ion:112 Resp: 164601
Ion Ratio Lower Upper
112 100
114 32.7 22.4 41.6
77 56.9 49.1 73.7





#52

Ethylbenzene

Concen: 2.601 ug/L

RT: 9.563 min Scan# 2573

Delta R.T. -0.000 min

Lab File: VU059840.D

Acq: 04 Jul 2024 10:33

Instrument :

MSVOA_U

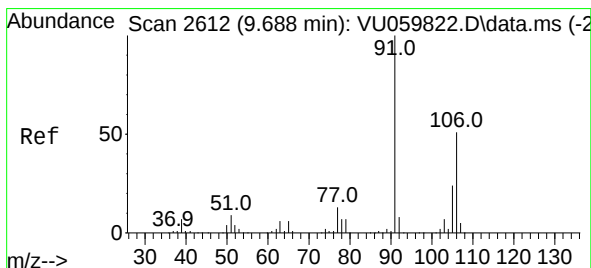
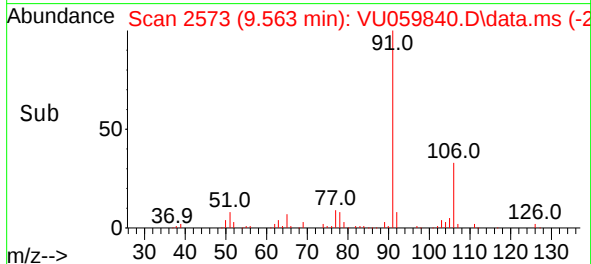
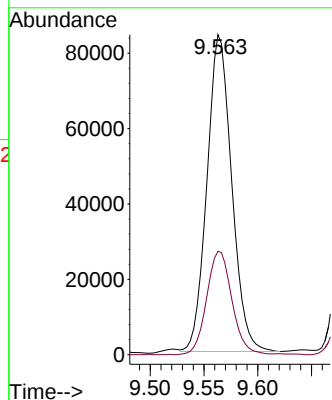
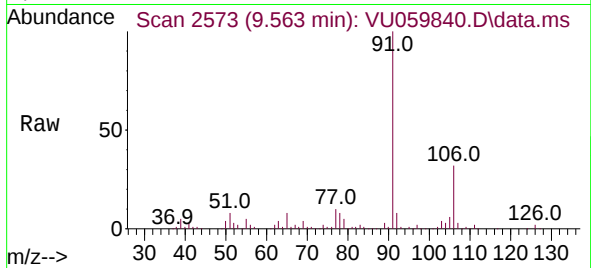
ClientSampleId :

Tgt Ion: 91 Resp: 134400

Ion Ratio Lower Upper

91 100

106 32.3 20.9 38.7



#53

m,p-Xylene

Concen: 3.047 ug/L

RT: 9.688 min Scan# 2612

Delta R.T. -0.000 min

Lab File: VU059840.D

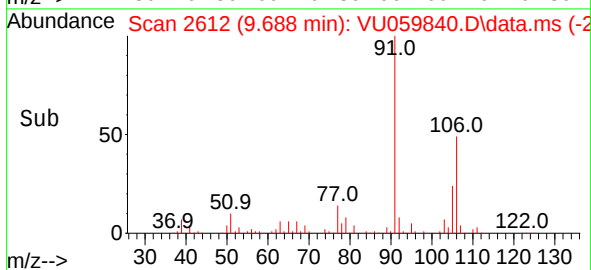
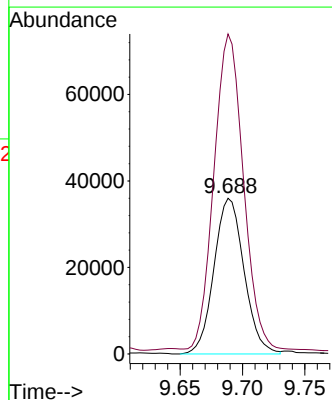
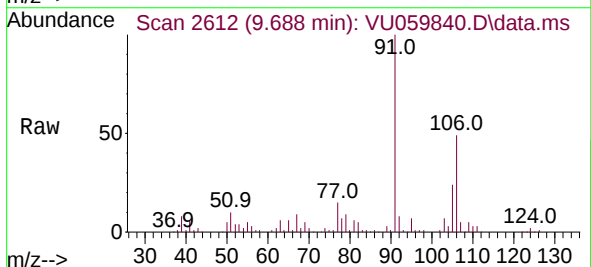
Acq: 04 Jul 2024 10:33

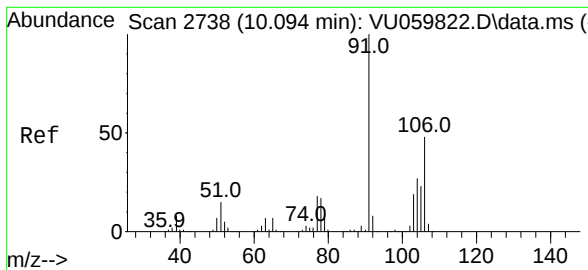
Tgt Ion:106 Resp: 60470

Ion Ratio Lower Upper

106 100

91 205.5 142.0 263.8

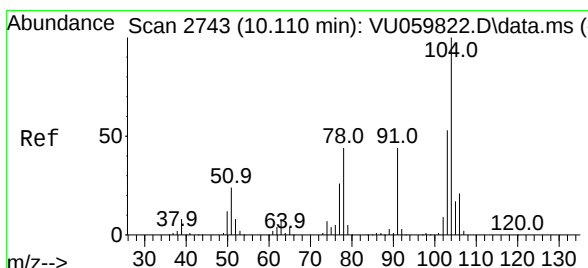
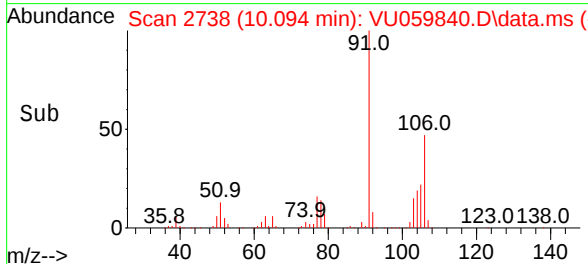
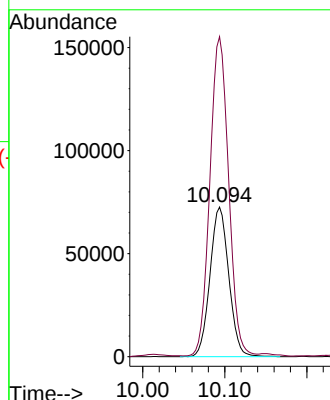
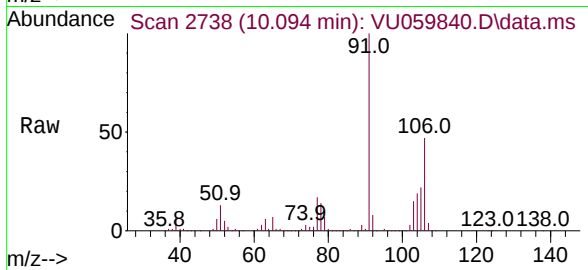




#54
o-Xylene
Concen: 6.154 ug/L
RT: 10.094 min Scan# 2738
Delta R.T. -0.000 min
Lab File: VU059840.D
Acq: 04 Jul 2024 10:33

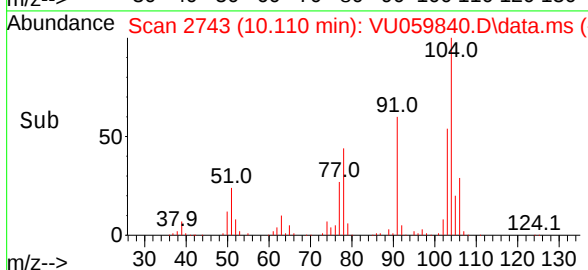
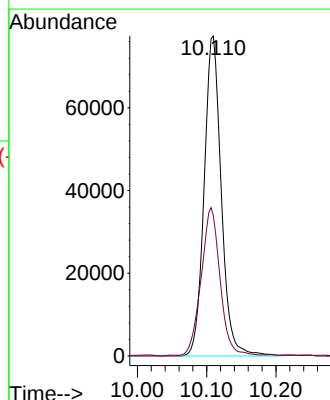
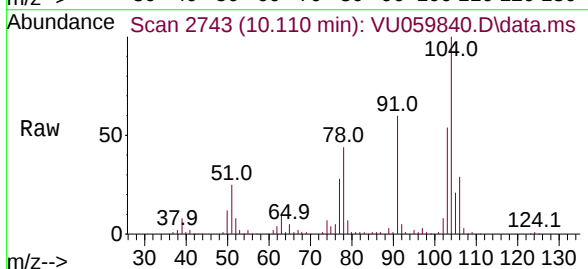
Instrument :
MSVOA_U
ClientSampleId :

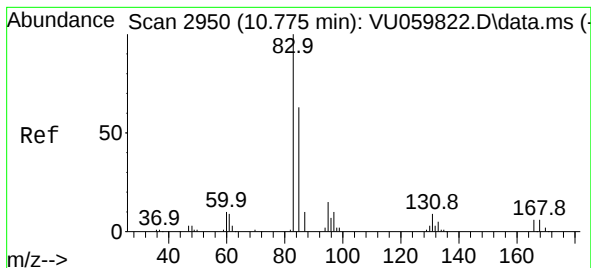
Tgt Ion:106 Resp: 115924
Ion Ratio Lower Upper
106 100
91 214.0 151.6 281.6



#55
Styrene
Concen: 4.148 ug/L
RT: 10.110 min Scan# 2743
Delta R.T. -0.000 min
Lab File: VU059840.D
Acq: 04 Jul 2024 10:33

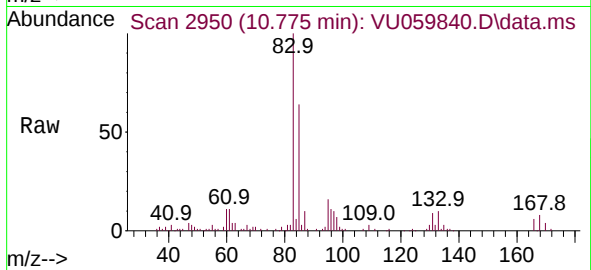
Tgt Ion:104 Resp: 133007
Ion Ratio Lower Upper
104 100
78 43.9 32.3 60.1



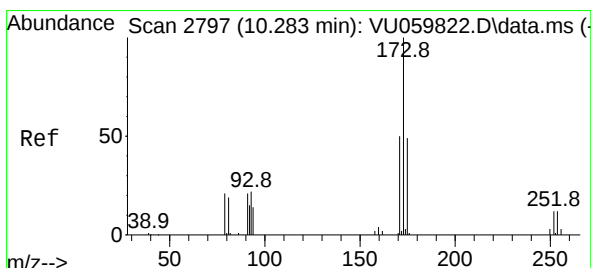
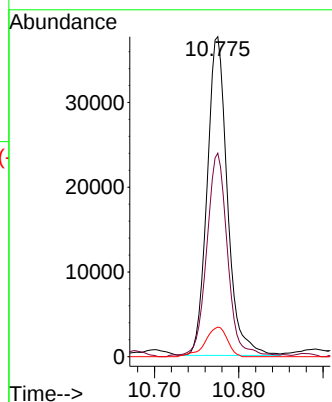
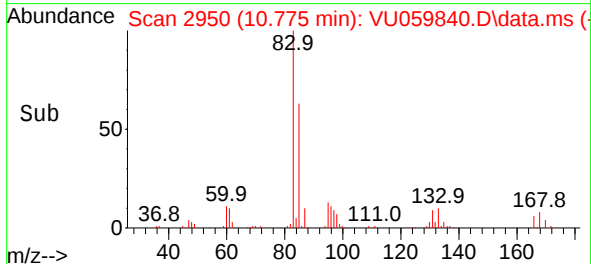


#57
1,1,2,2-Tetrachloroethane
Concen: 5.725 ug/L
RT: 10.775 min Scan# 2950
Delta R.T. -0.000 min
Lab File: VU059840.D
Acq: 04 Jul 2024 10:33

Instrument :
MSVOA_U
ClientSampleId :

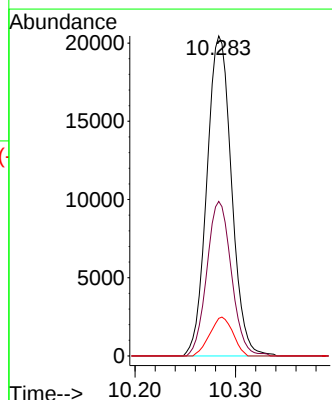
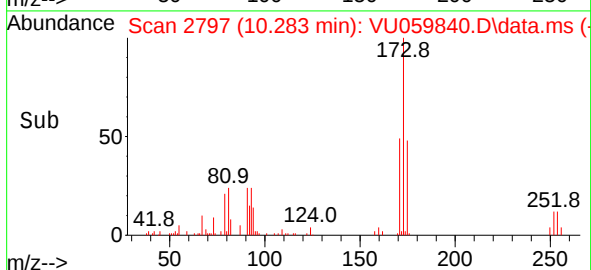
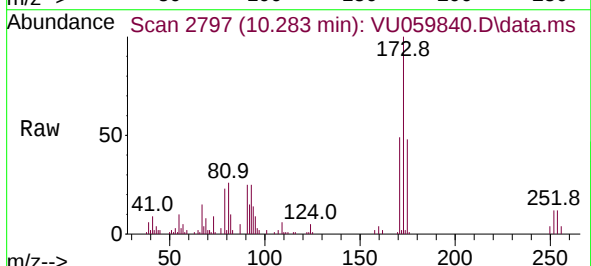


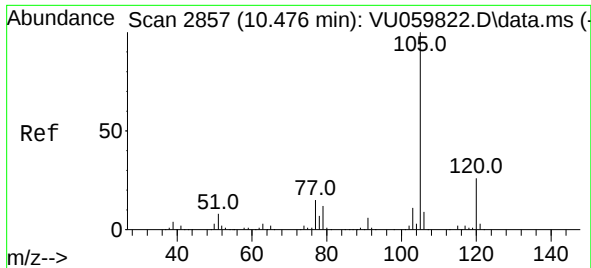
Tgt Ion: 83 Resp: 63017
Ion Ratio Lower Upper
83 100
85 63.6 44.7 82.9
131 9.2 6.9 10.3



#59
Bromoform
Concen: 5.031 ug/L
RT: 10.283 min Scan# 2797
Delta R.T. -0.000 min
Lab File: VU059840.D
Acq: 04 Jul 2024 10:33

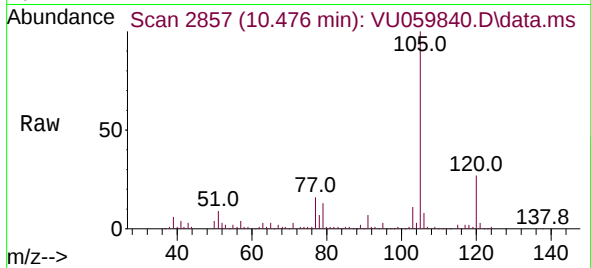
Tgt Ion:173 Resp: 34805
Ion Ratio Lower Upper
173 100
175 48.1 39.4 59.2
254 11.4 7.4 11.2#



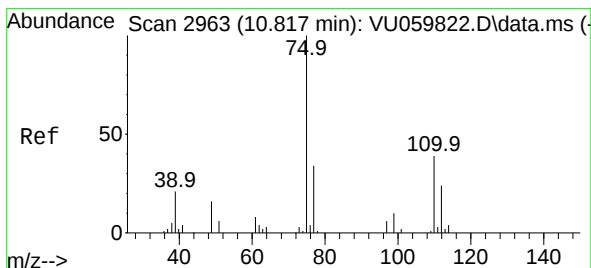
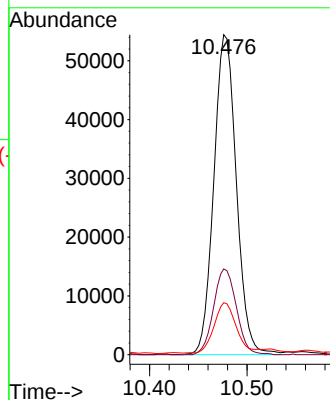
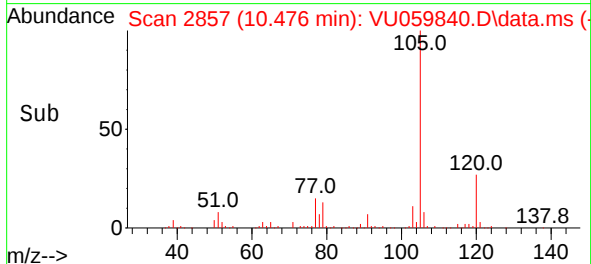


#60
Isopropylbenzene
Concen: 1.567 ug/L
RT: 10.476 min Scan# 2857
Delta R.T. -0.000 min
Lab File: VU059840.D
Acq: 04 Jul 2024 10:33

Instrument :
MSVOA_U
ClientSampleId :

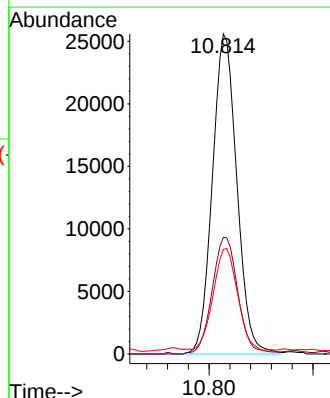
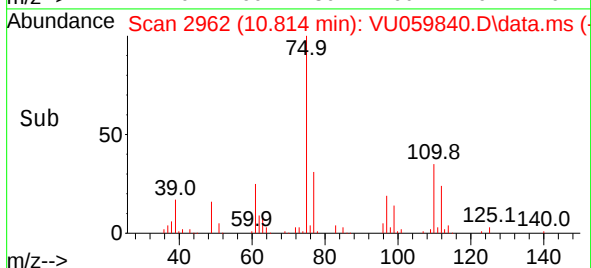
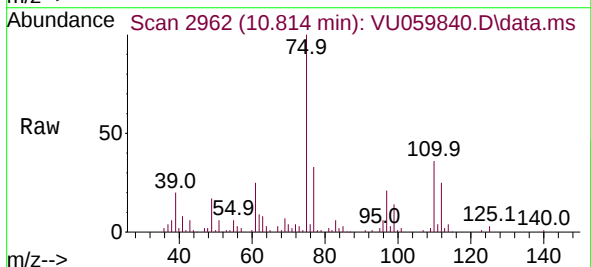


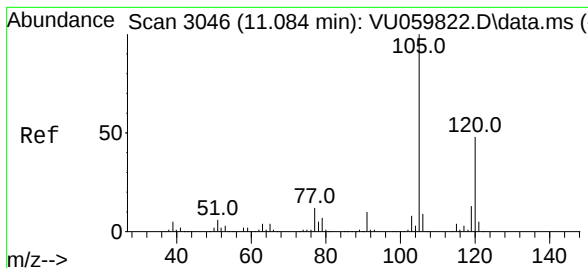
Tgt Ion:105 Resp: 87513
Ion Ratio Lower Upper
105 100
120 27.1 20.6 31.0
77 15.8 12.8 19.2



#61
1,2,3-Trichloropropane
Concen: 5.000 ug/L
RT: 10.814 min Scan# 2962
Delta R.T. -0.003 min
Lab File: VU059840.D
Acq: 04 Jul 2024 10:33

Tgt Ion: 75 Resp: 41767
Ion Ratio Lower Upper
75 100
110 38.1 27.1 40.7
77 31.7 25.4 38.2

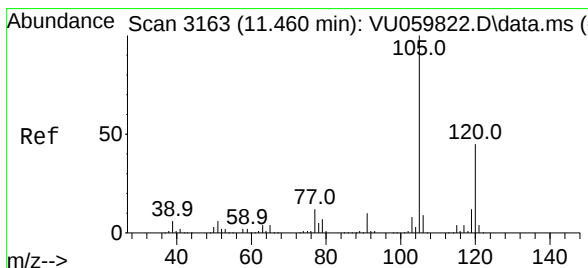
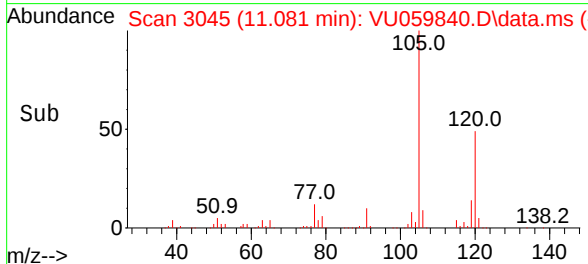
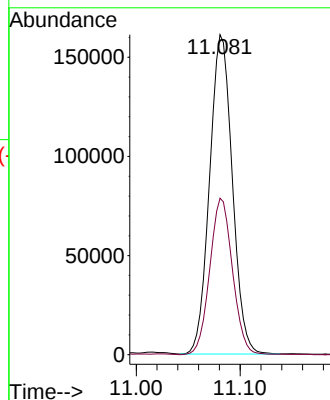
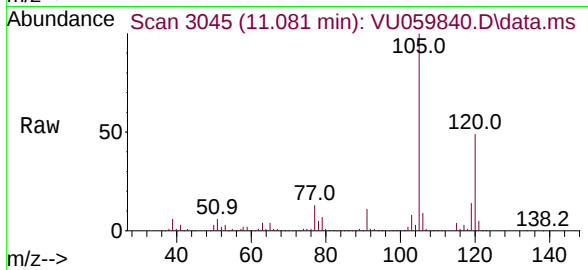




#62
1,3,5-Trimethylbenzene
Concen: 5.534 ug/L
RT: 11.081 min Scan# 3046
Delta R.T. -0.003 min
Lab File: VU059840.D
Acq: 04 Jul 2024 10:33

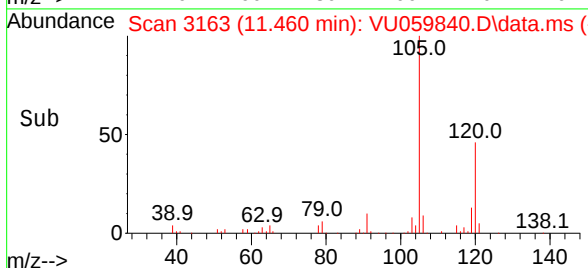
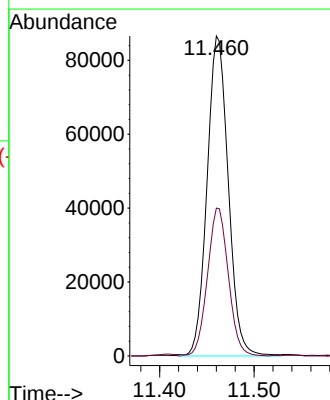
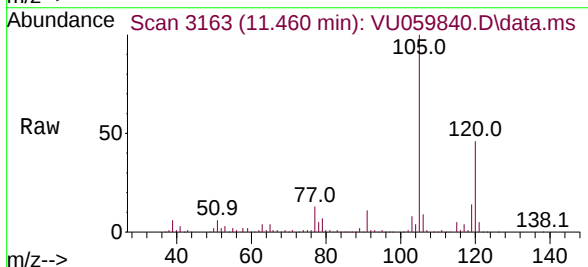
Instrument :
MSVOA_U
ClientSampleId :

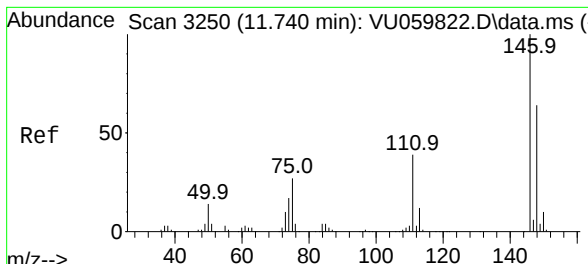
Tgt Ion:105 Resp: 244820
Ion Ratio Lower Upper
105 100
120 49.1 38.2 57.4



#63
1,2,4-Trimethylbenzene
Concen: 3.190 ug/L
RT: 11.460 min Scan# 3163
Delta R.T. -0.000 min
Lab File: VU059840.D
Acq: 04 Jul 2024 10:33

Tgt Ion:105 Resp: 134930
Ion Ratio Lower Upper
105 100
120 45.4 35.4 53.0

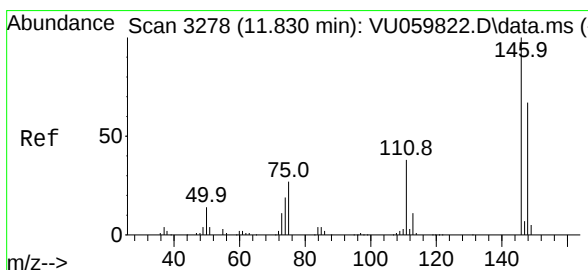
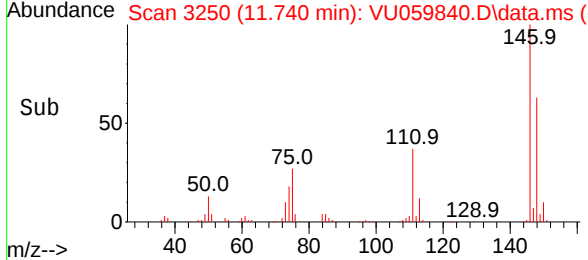
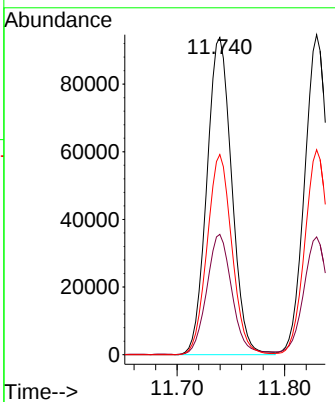
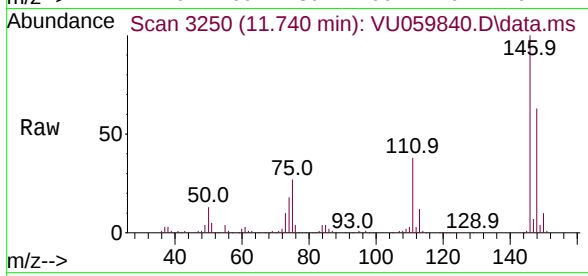




#64
 1,3-Dichlorobenzene
 Concen: 5.315 ug/L
 RT: 11.740 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VU059840.D
 Acq: 04 Jul 2024 10:33

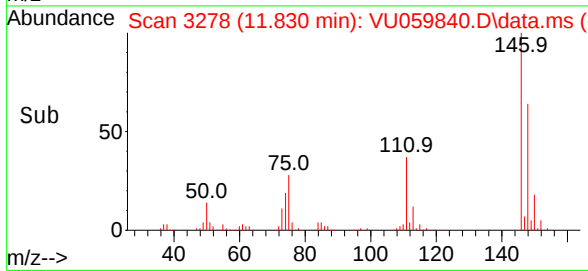
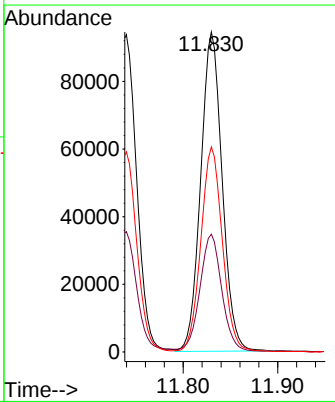
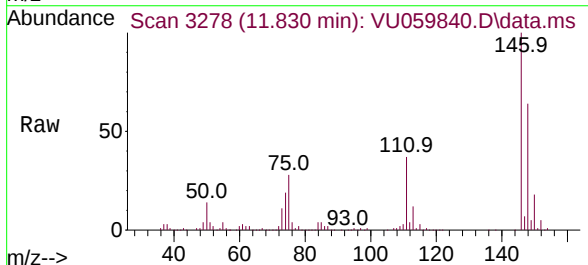
Instrument :
 MSVOA_U
 ClientSampleId :

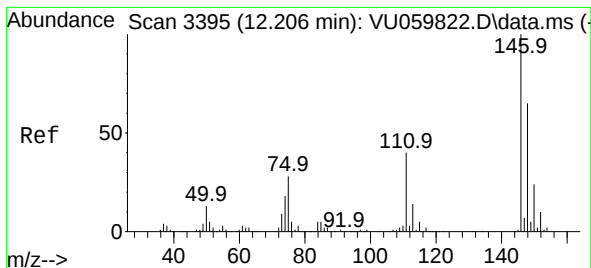
Tgt Ion:	146	Resp:	150956
Ion Ratio	Lower	Upper	
146	100		
111	37.9	27.4	51.0
148	63.1	45.0	83.6



#65
 1,4-Dichlorobenzene
 Concen: 5.090 ug/L
 RT: 11.830 min Scan# 3278
 Delta R.T. -0.000 min
 Lab File: VU059840.D
 Acq: 04 Jul 2024 10:33

Tgt Ion:	146	Resp:	148787
Ion Ratio	Lower	Upper	
146	100		
111	36.8	26.9	50.1
148	64.1	45.3	84.1





#67

1,2-Dichlorobenzene

Concen: 5.272 ug/L

RT: 12.206 min Scan# 3395

Delta R.T. -0.000 min

Lab File: VU059840.D

Acq: 04 Jul 2024 10:33

Instrument :

MSVOA_U

ClientSampleId :

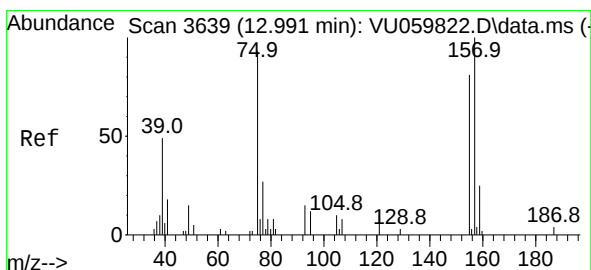
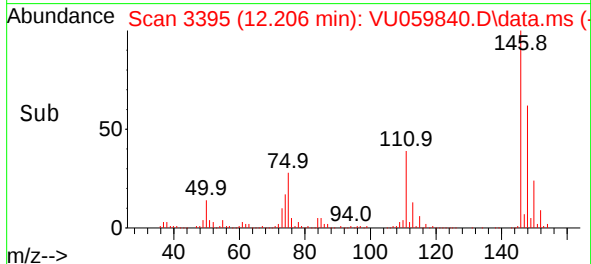
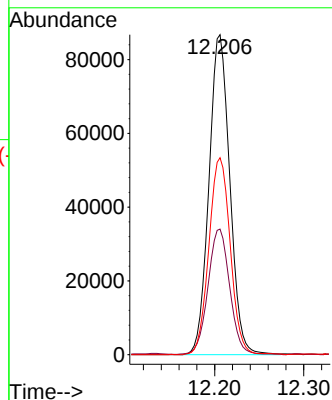
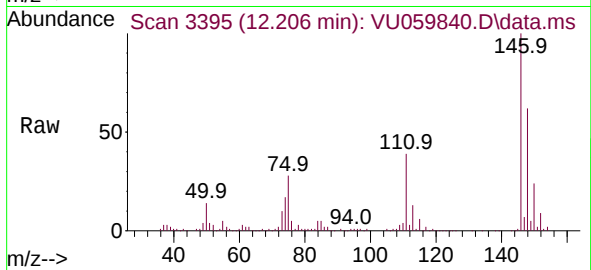
Tgt Ion:146 Resp: 140898

Ion Ratio Lower Upper

146 100

111 39.3 33.4 50.0

148 61.5 49.7 74.5



#68

1,2-Dibromo-3-chloropropane

Concen: 5.701 ug/L

RT: 12.987 min Scan# 3638

Delta R.T. -0.003 min

Lab File: VU059840.D

Acq: 04 Jul 2024 10:33

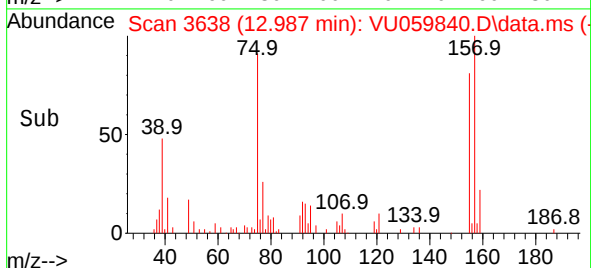
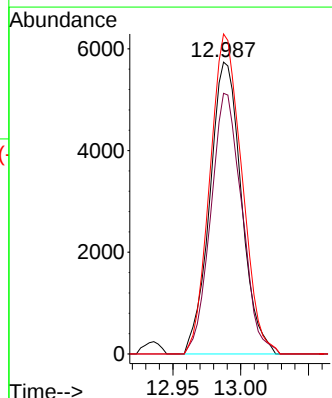
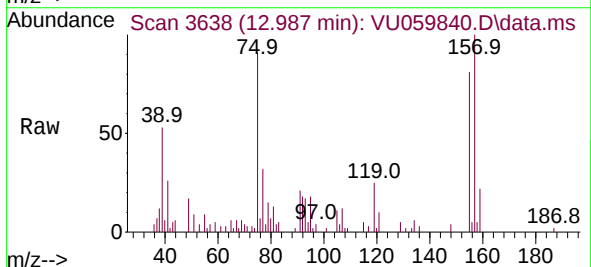
Tgt Ion: 75 Resp: 9289

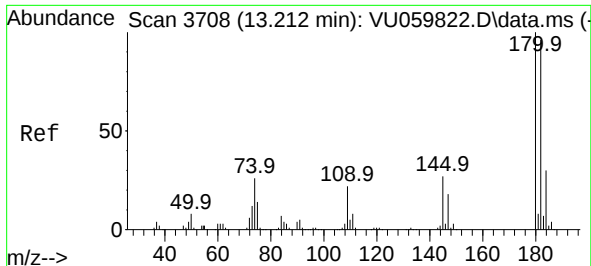
Ion Ratio Lower Upper

75 100

155 89.4 58.2 87.2#

157 109.7 80.0 120.0





#69

1,3,5-Trichlorobenzene

Concen: 5.509 ug/L

RT: 13.212 min Scan# 3708

Delta R.T. -0.000 min

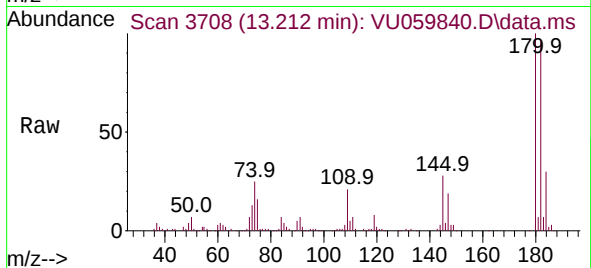
Lab File: VU059840.D

Acq: 04 Jul 2024 10:33

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:180 Resp: 115805

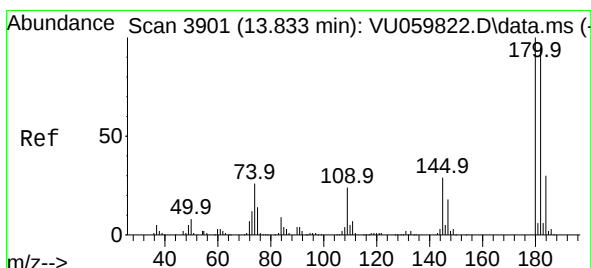
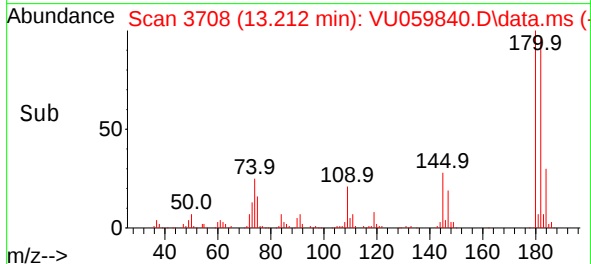
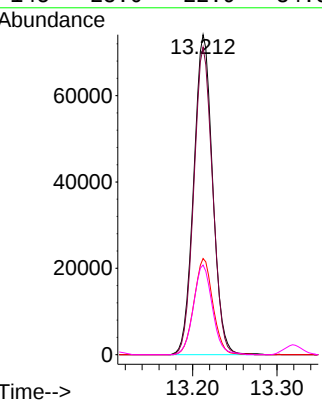
Ion Ratio Lower Upper

180 100

182 95.2 75.4 113.0

184 30.1 23.0 34.6

145 28.0 22.9 34.3



#70

1,2,4-trichlorobenzene

Concen: 6.082 ug/L

RT: 13.833 min Scan# 3901

Delta R.T. -0.000 min

Lab File: VU059840.D

Acq: 04 Jul 2024 10:33

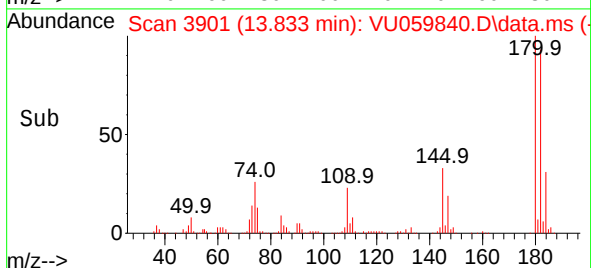
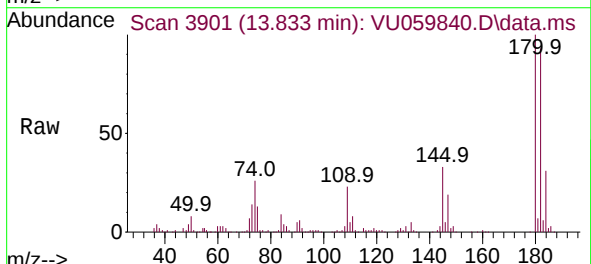
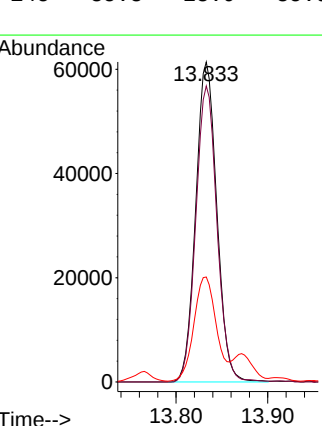
Tgt Ion:180 Resp: 98078

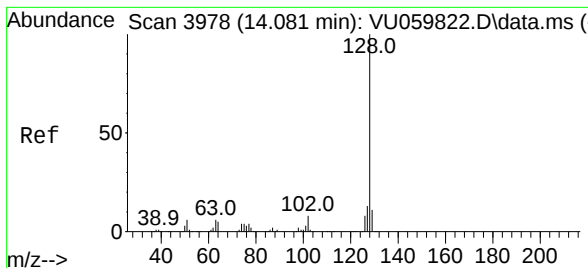
Ion Ratio Lower Upper

180 100

182 93.0 74.9 112.3

145 35.3 23.9 35.9





#71

Naphthalene

Concen: 6.923 ug/L

RT: 14.080 min Scan# 3978

Delta R.T. -0.000 min

Lab File: VU059840.D

Acq: 04 Jul 2024 10:33

Instrument :

MSVOA_U

ClientSampleId :

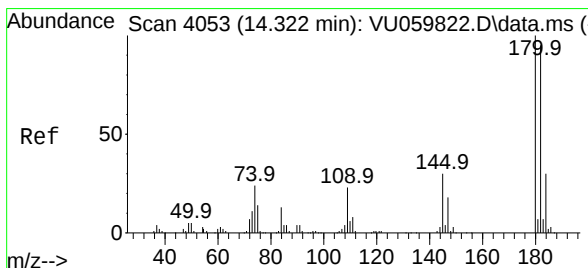
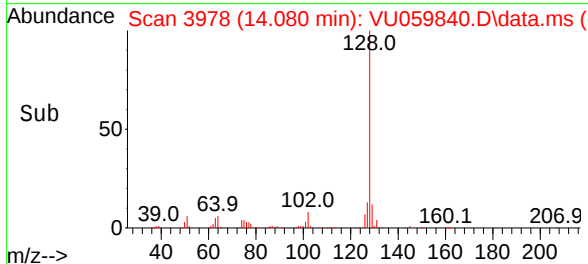
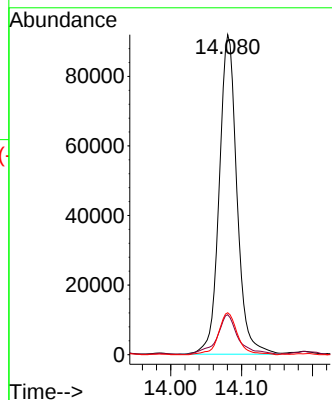
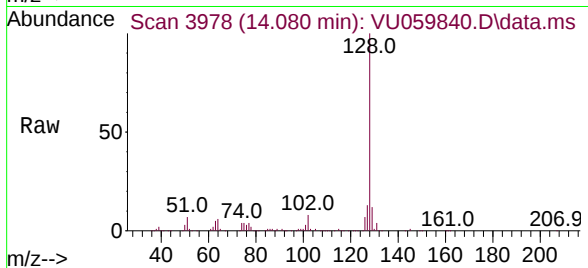
Tgt Ion:128 Resp: 159797

Ion Ratio Lower Upper

128 100

129 14.6 8.2 12.4#

127 14.1 10.2 15.4



#72

1,2,3-Trichlorobenzene

Concen: 5.802 ug/L

RT: 14.322 min Scan# 4053

Delta R.T. -0.000 min

Lab File: VU059840.D

Acq: 04 Jul 2024 10:33

Tgt Ion:180 Resp: 86880

Ion Ratio Lower Upper

180 100

182 95.9 77.0 115.6

145 39.9 26.2 39.4#

