

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070324\
 Data File : VU059843.D
 Acq On : 04 Jul 2024 11:45
 Operator : MD/SY
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jul 05 01:08:29 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	170644	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	167994	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	87150	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	59014	4.974	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	99.400%
7) Chloroethane-d5	1.907	69	51251	4.489	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.800%
11) 1,1-Dichloroethene-d2	2.560	65	22084	4.486	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	89.800%
20) 2-Butanone-d5	4.621	46	124126	50.784	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.560%
24) Chloroform-d	5.052	84	112562	4.622	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.400%
26) 1,2-Dichloroethane-d4	5.695	65	54668	4.660	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.200%
32) Benzene-d6	5.718	84	224681	4.860	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.200%
36) 1,2-Dichloropropane-d6	6.682	67	69958	4.938	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.800%
41) Toluene-d8	7.891	98	208936	4.861	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.200%
43) trans-1,3-Dichloroprop...	8.174	79	23834	5.372	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	107.400%
46) 2-Hexanone-d5	8.624	63	109053	59.162	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	118.320%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	58707	5.015	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.400%
66) 1,2-Dichlorobenzene-d4	12.187	152	76055	4.903	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.380	85	61419	4.248	ug/L	97
3) Chloromethane	1.515	50	73534	4.725	ug/L	98
5) Vinyl chloride	1.599	62	83591	4.863	ug/L	100
6) Bromomethane	1.853	94	51148	4.279	ug/L	96
8) Chloroethane	1.930	64	53589	5.173	ug/L	99
9) Trichlorofluoromethane	2.132	101	95841	4.631	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	61092	4.663	ug/L	94
12) 1,1-Dichloroethene	2.573	96	59638	4.928	ug/L	86
13) Acetone	2.631	43	77670	48.988	ug/L	92
14) Carbon disulfide	2.788	76	181540	4.496	ug/L	100
15) Methyl Acetate	2.946	43	21250	5.079	ug/L #	89
16) Methylene chloride	3.039	84	74895	5.222	ug/L	90
17) Methyl tert-butyl Ether	3.354	73	145729	5.588	ug/L	97
18) trans-1,2-Dichloroethene	3.348	96	62506	4.966	ug/L	92
19) 1,1-Dichloroethane	3.859	63	117746	5.073	ug/L	96
21) 2-Butanone	4.698	43	136346	53.615	ug/L	90
22) cis-1,2-Dichloroethene	4.656	96	72598	5.233	ug/L	94
23) Bromochloromethane	4.965	128	33114	5.236	ug/L	91
25) Chloroform	5.078	83	125963	5.153	ug/L	98

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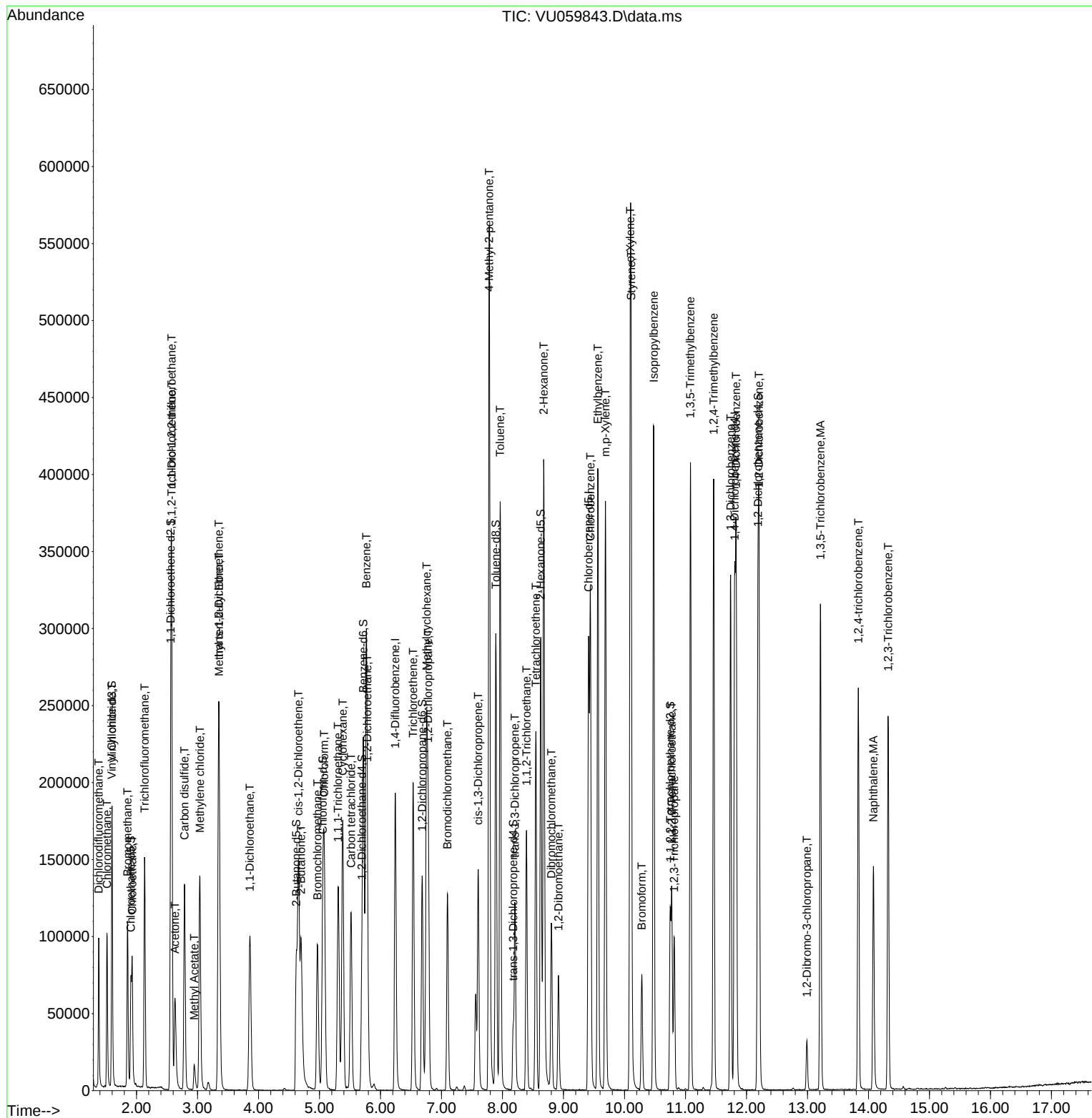
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	72677	4.906	ug/L #	95
29) 1,1,1-Trichloroethane	5.306	97	98450	5.075	ug/L	98
30) Cyclohexane	5.380	56	85057	4.966	ug/L	94
31) Carbon tetrachloride	5.518	117	80266	4.942	ug/L	99
33) Benzene	5.766	78	273275	5.357	ug/L	100
34) Trichloroethene	6.534	95	69899	5.059	ug/L	97
35) Methylcyclohexane	6.756	83	96109	4.889	ug/L	94
37) 1,2-Dichloropropane	6.782	63	73679	5.581	ug/L #	98
38) Bromodichloromethane	7.097	83	87168	5.290	ug/L	95
39) cis-1,3-Dichloropropene	7.602	75	89333	4.948	ug/L	98
40) 4-Methyl-2-pentanone	7.782	43	337496	55.169	ug/L #	93
42) Toluene	7.962	91	292245	5.411	ug/L	100
44) trans-1,3-Dichloropropene	8.203	75	73078	5.043	ug/L	100
45) 1,1,2-Trichloroethane	8.393	97	54691	5.622	ug/L	98
47) Tetrachloroethene	8.547	164	55247	5.153	ug/L	94
48) 2-Hexanone	8.676	43	240912	55.180	ug/L #	92
49) Dibromochloromethane	8.801	129	57821	5.365	ug/L	97
50) 1,2-Dibromoethane	8.917	107	50061	5.572	ug/L	98
51) Chlorobenzene	9.441	112	183211	5.348	ug/L	94
52) Ethylbenzene	9.563	91	292357	5.277	ug/L	97
53) m,p-Xylene	9.688	106	114646	5.388	ug/L	97
54) o-Xylene	10.094	106	109935	5.444	ug/L	98
55) Styrene	10.110	104	192055	5.587	ug/L	94
57) 1,1,2,2-Tetrachloroethane	10.775	83	63931	5.417	ug/L	99
59) Bromoform	10.283	173	35481	5.320	ug/L #	99
60) Isopropylbenzene	10.479	105	285180	5.297	ug/L	98
61) 1,2,3-Trichloropropane	10.814	75	44274	5.497	ug/L	97
62) 1,3,5-Trimethylbenzene	11.081	105	223409	5.238	ug/L	99
63) 1,2,4-Trimethylbenzene	11.463	105	222132	5.448	ug/L	97
64) 1,3-Dichlorobenzene	11.740	146	145366	5.309	ug/L	98
65) 1,4-Dichlorobenzene	11.830	146	147632	5.238	ug/L	99
67) 1,2-Dichlorobenzene	12.206	146	136629	5.302	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.987	75	9088	5.785	ug/L	95
69) 1,3,5-Trichlorobenzene	13.212	180	105280	5.194	ug/L	97
70) 1,2,4-trichlorobenzene	13.833	180	85904	5.525	ug/L	97
71) Naphthalene	14.081	128	127753	5.741	ug/L	99
72) 1,2,3-Trichlorobenzene	14.322	180	80241	5.558	ug/L	98

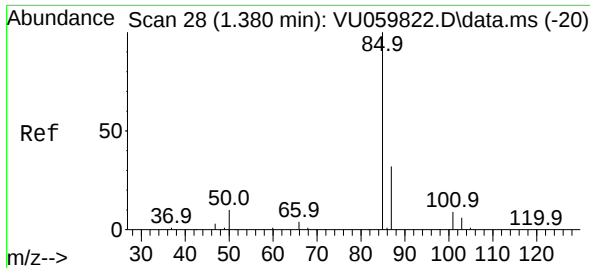
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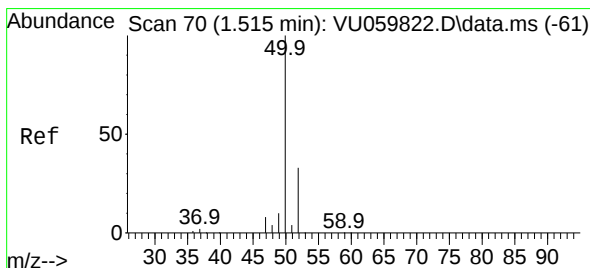
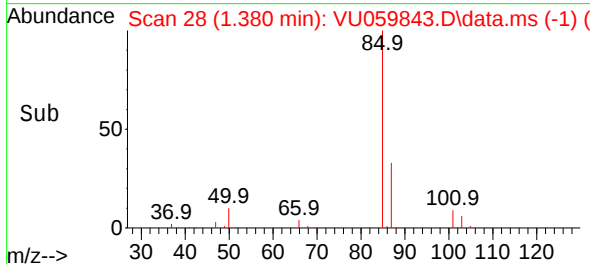
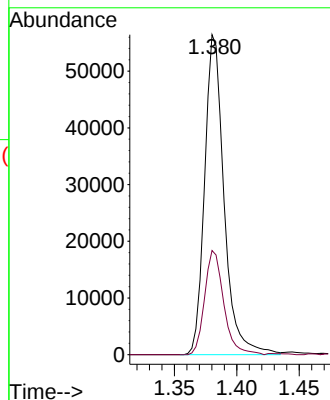
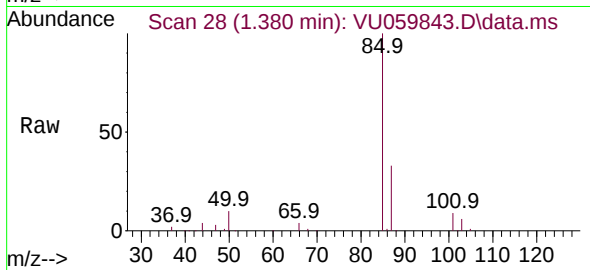




#2
 Dichlorodifluoromethane
 Concen: 4.248 ug/L
 RT: 1.380 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VU059843.D
 Acq: 04 Jul 2024 11:45

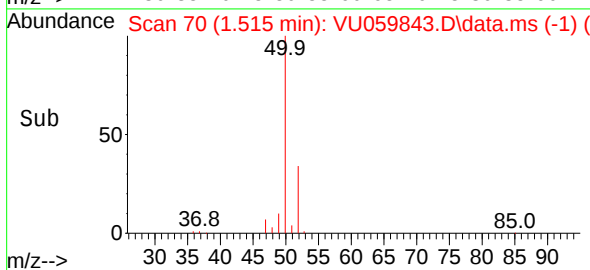
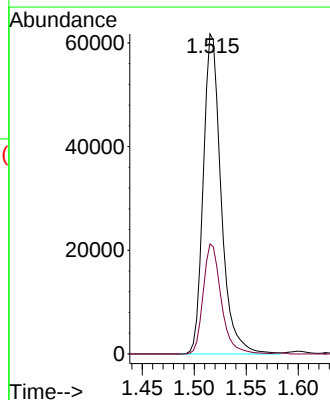
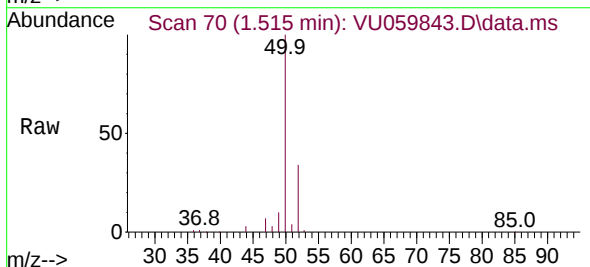
Instrument :
 MSVOA_U
 ClientSampleId :

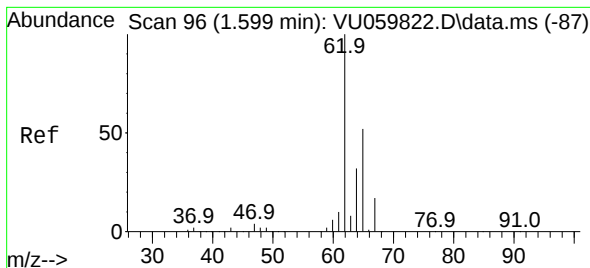
Tgt Ion: 85 Resp: 61419
 Ion Ratio Lower Upper
 85 100
 87 31.9 26.6 40.0



#3
 Chloromethane
 Concen: 4.725 ug/L
 RT: 1.515 min Scan# 70
 Delta R.T. 0.000 min
 Lab File: VU059843.D
 Acq: 04 Jul 2024 11:45

Tgt Ion: 50 Resp: 73534
 Ion Ratio Lower Upper
 50 100
 52 34.4 23.2 43.0





#5

Vinyl chloride

Concen: 4.863 ug/L

RT: 1.599 min Scan# 96

Delta R.T. 0.000 min

Lab File: VU059843.D

Acq: 04 Jul 2024 11:45

Instrument :

MSVOA_U

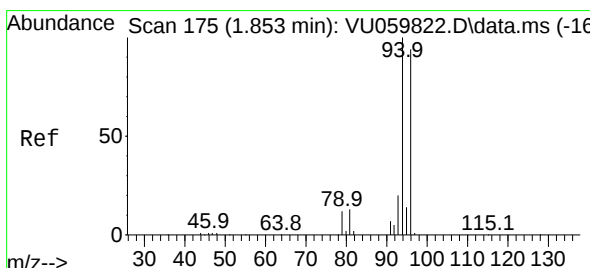
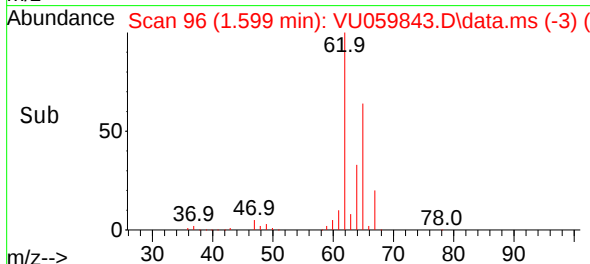
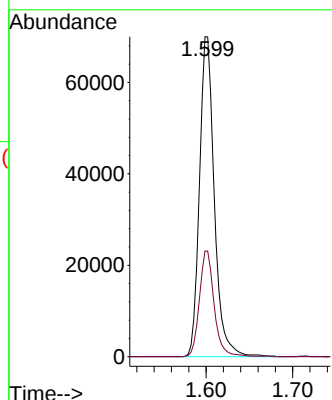
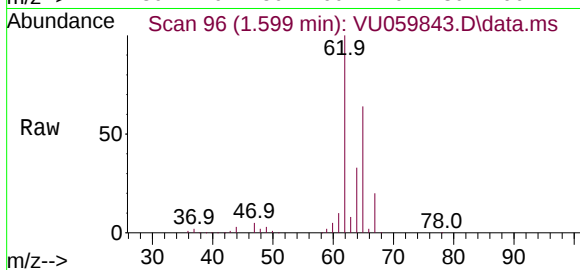
ClientSampleId :

Tgt Ion: 62 Resp: 83591

Ion Ratio Lower Upper

62 100

64 33.0 23.1 42.9



#6

Bromomethane

Concen: 4.279 ug/L

RT: 1.853 min Scan# 175

Delta R.T. 0.000 min

Lab File: VU059843.D

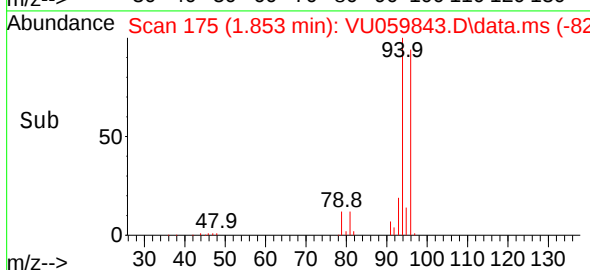
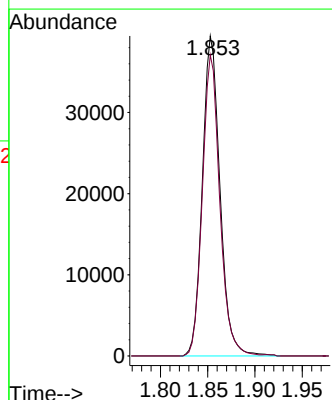
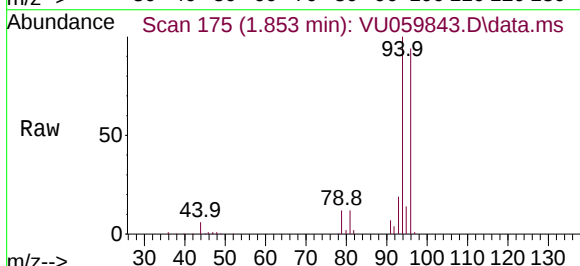
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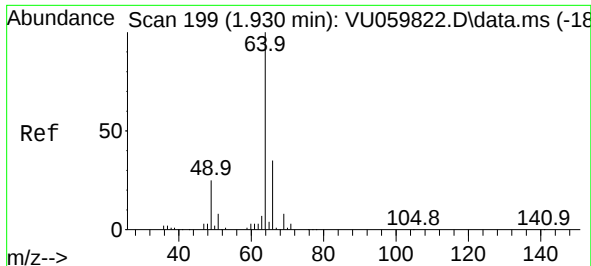
Tgt Ion: 94 Resp: 51148

Ion Ratio Lower Upper

94 100

96 94.1 62.9 116.9

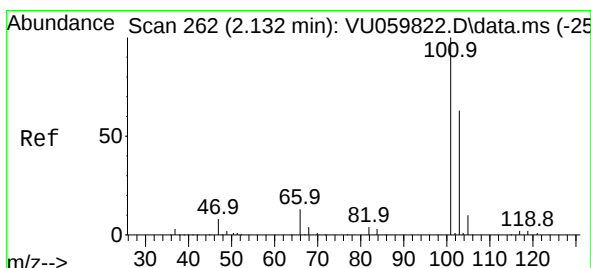
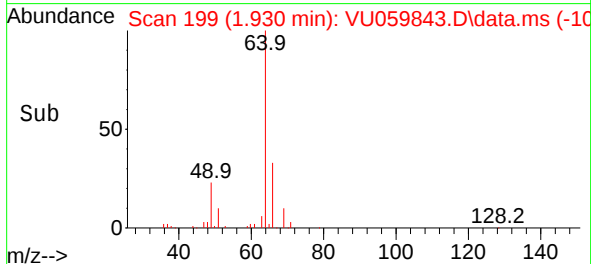
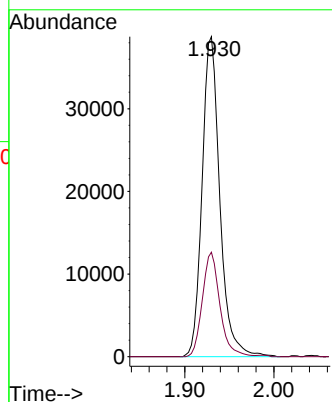
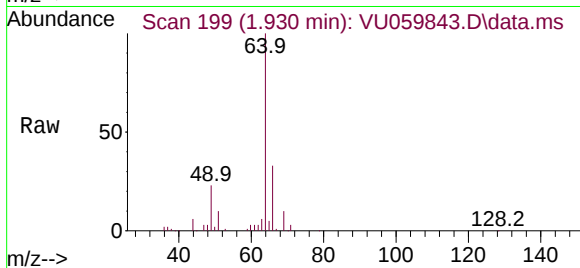




#8
Chloroethane
Concen: 5.173 ug/L
RT: 1.930 min Scan# 199
Delta R.T. 0.000 min
Lab File: VU059843.D
Acq: 04 Jul 2024 11:45

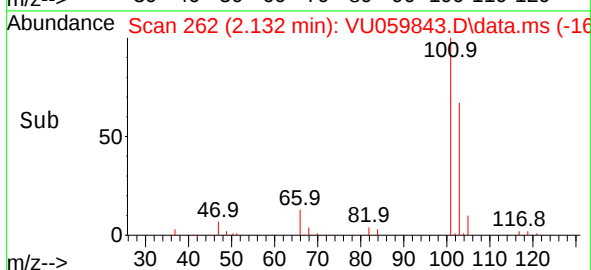
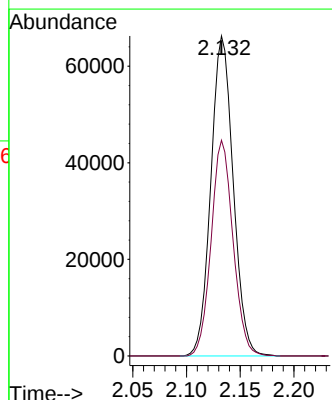
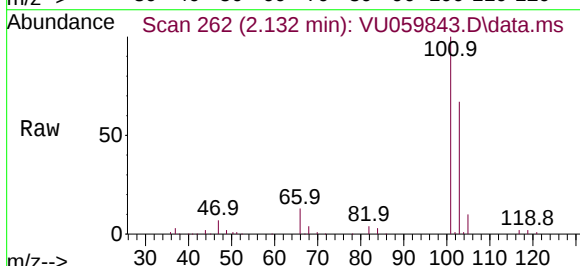
Instrument :
MSVOA_U
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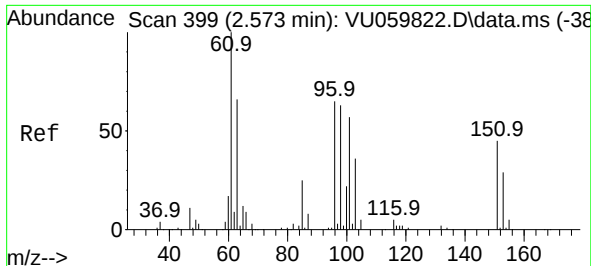
Tgt Ion: 64 Resp: 53589
Ion Ratio Lower Upper
64 100
66 32.6 23.2 43.2



#9
Trichlorofluoromethane
Concen: 4.631 ug/L
RT: 2.132 min Scan# 262
Delta R.T. 0.000 min
Lab File: VU059843.D
Acq: 04 Jul 2024 11:45

Tgt Ion:101 Resp: 95841
Ion Ratio Lower Upper
101 100
103 66.0 52.6 79.0

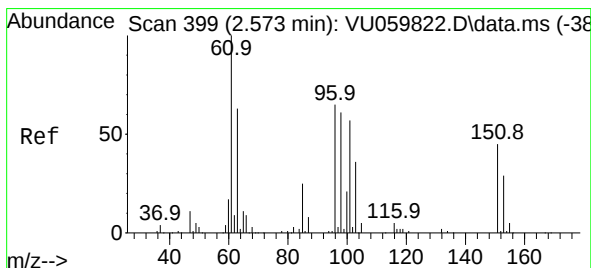
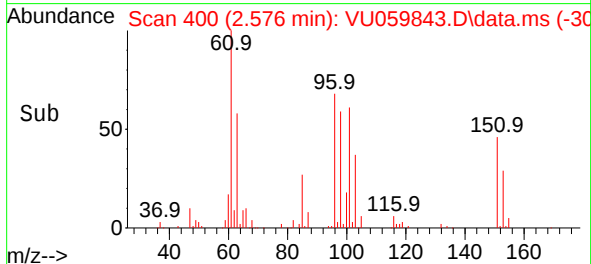
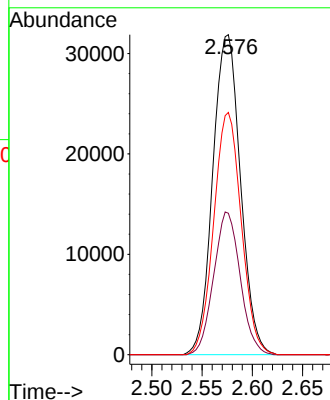
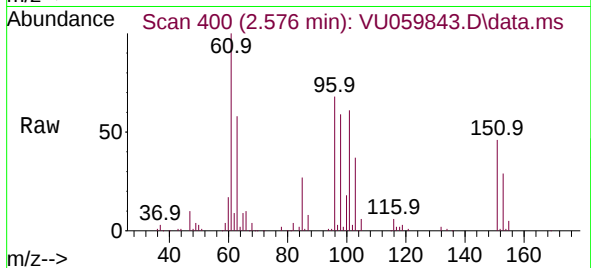




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 4.663 ug/L
RT: 2.576 min Scan# 400
Delta R.T. 0.003 min
Lab File: VU059843.D
Acq: 04 Jul 2024 11:45

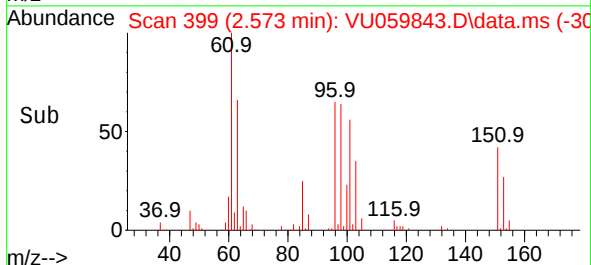
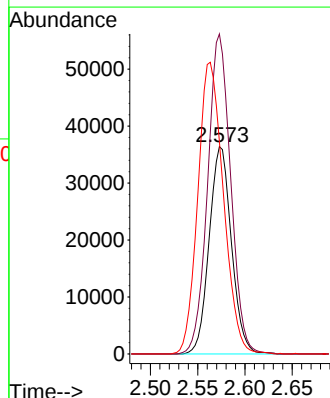
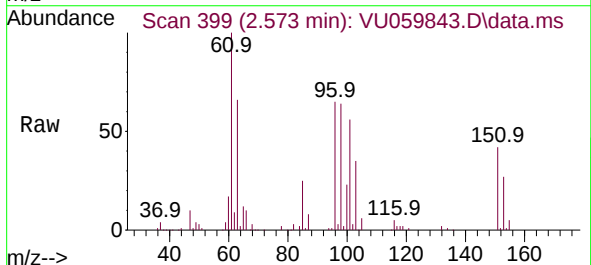
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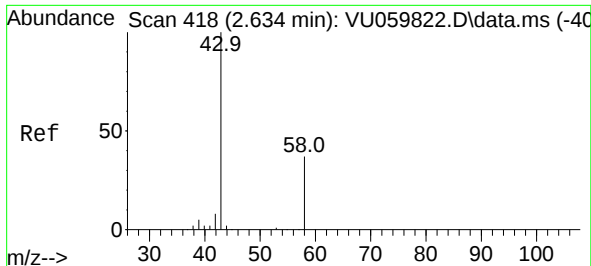
Tgt Ion:101 Resp: 61092
Ion Ratio Lower Upper
101 100
85 42.7 36.2 54.4
151 75.2 55.5 83.3



#12
1,1-Dichloroethene
Concen: 4.928 ug/L
RT: 2.573 min Scan# 399
Delta R.T. 0.000 min
Lab File: VU059843.D
Acq: 04 Jul 2024 11:45

Tgt Ion: 96 Resp: 59638
Ion Ratio Lower Upper
96 100
61 154.3 122.9 228.3
63 102.4 80.4 149.4





#13

Acetone

Concen: 48.988 ug/L

RT: 2.631 min Scan# 41

Delta R.T. -0.003 min

Lab File: VU059843.D

Acq: 04 Jul 2024 11:45

Instrument :

MSVOA_U

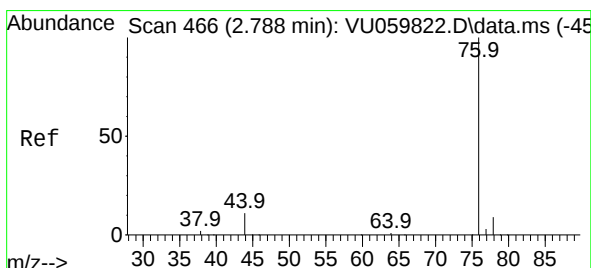
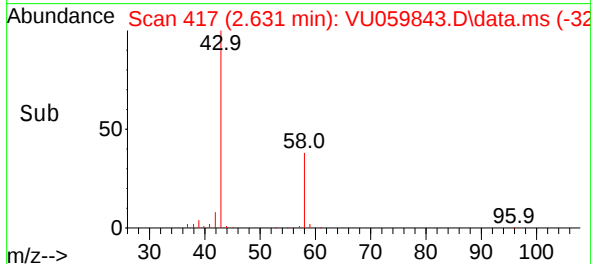
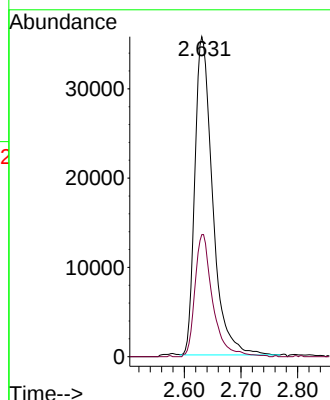
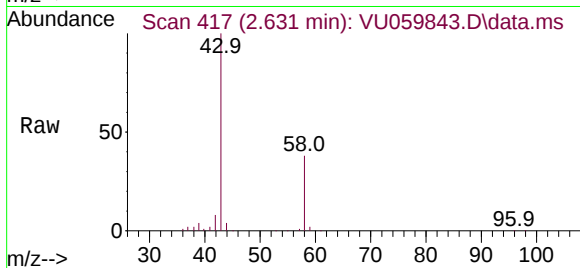
ClientSampleId :

Tgt Ion: 43 Resp: 77670

Ion Ratio Lower Upper

43 100

58 38.4 0.0 68.0



#14

Carbon disulfide

Concen: 4.496 ug/L

RT: 2.788 min Scan# 466

Delta R.T. 0.000 min

Lab File: VU059843.D

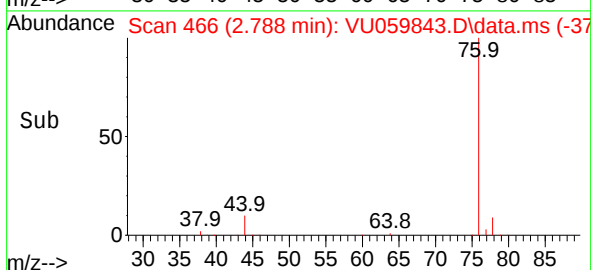
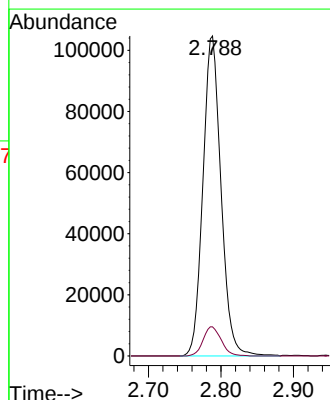
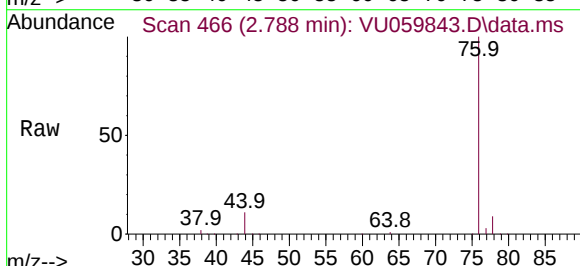
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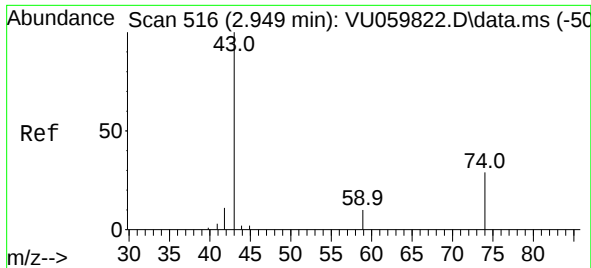
Tgt Ion: 76 Resp: 181540

Ion Ratio Lower Upper

76 100

78 9.1 7.3 10.9

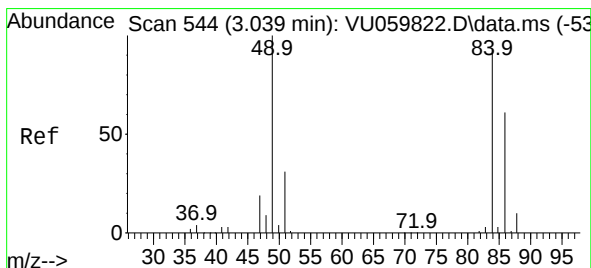
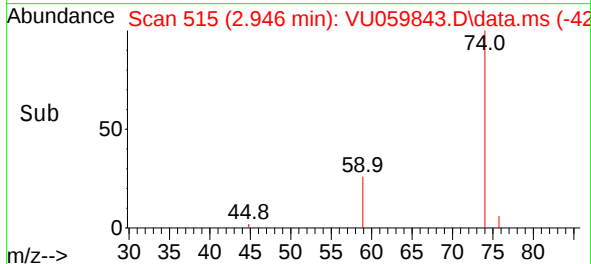
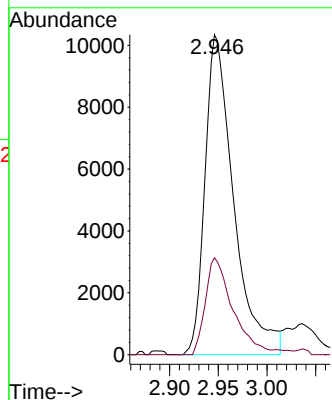
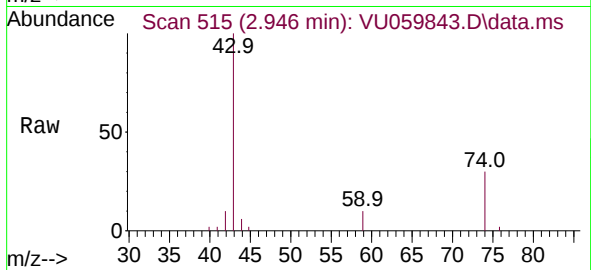




#15
Methyl Acetate
Concen: 5.079 ug/L
RT: 2.946 min Scan# 516
Delta R.T. -0.003 min
Lab File: VU059843.D
Acq: 04 Jul 2024 11:45

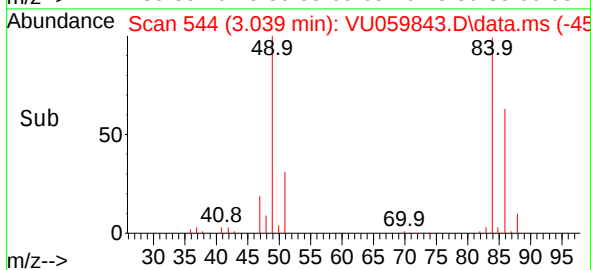
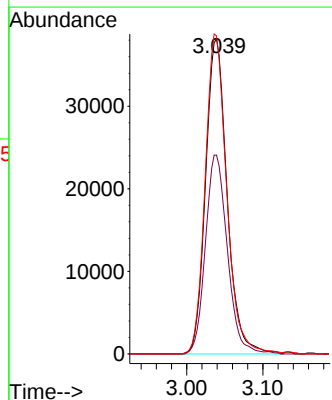
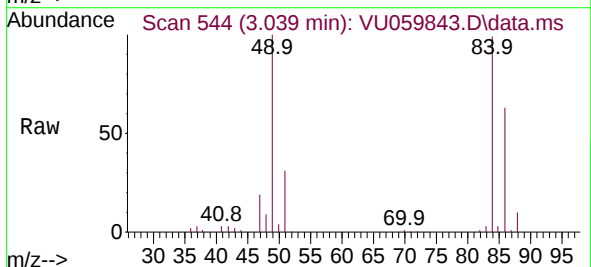
Instrument :
MSVOA_U
ClientSampleId :

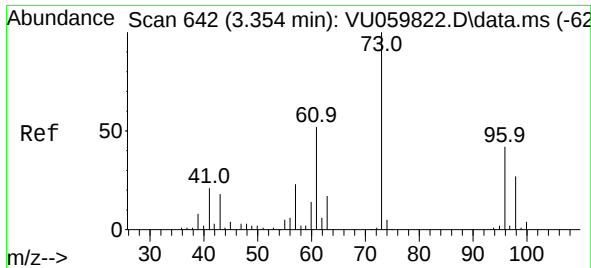
Tgt Ion: 43 Resp: 21250
Ion Ratio Lower Upper
43 100
74 29.6 19.2 28.8#



#16
Methylene chloride
Concen: 5.222 ug/L
RT: 3.039 min Scan# 544
Delta R.T. 0.000 min
Lab File: VU059843.D
Acq: 04 Jul 2024 11:45

Tgt Ion: 84 Resp: 74895
Ion Ratio Lower Upper
84 100
86 63.2 42.1 78.1
49 101.1 80.6 149.8

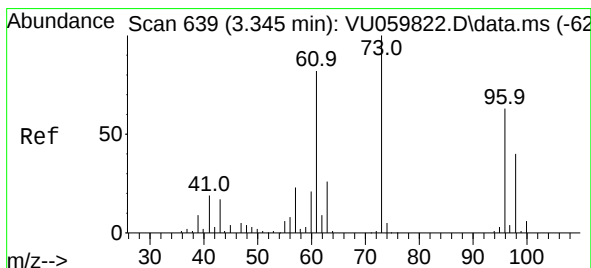
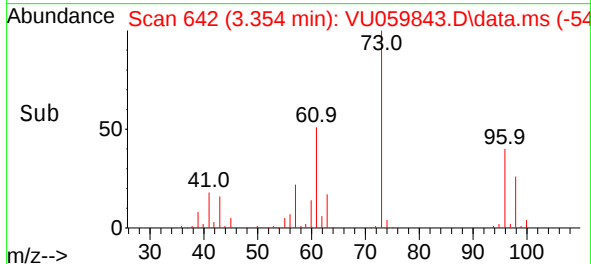
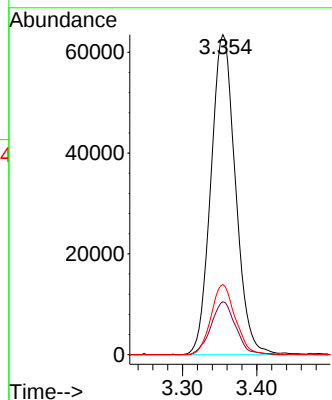
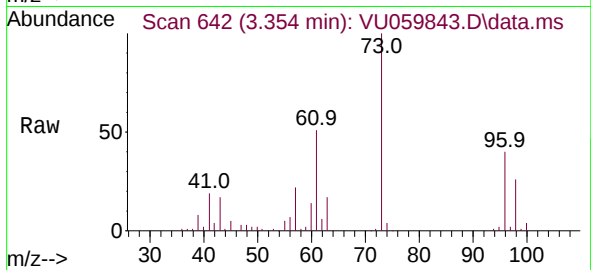




#17
Methyl tert-butyl Ether
Concen: 5.588 ug/L
RT: 3.354 min Scan# 642
Delta R.T. 0.000 min
Lab File: VU059843.D
Acq: 04 Jul 2024 11:45

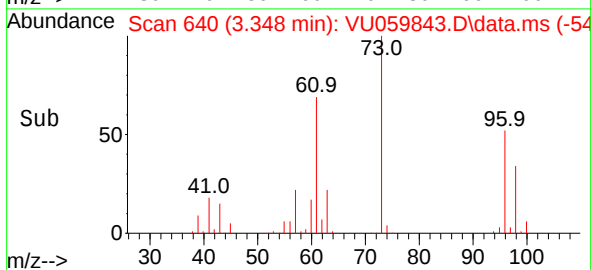
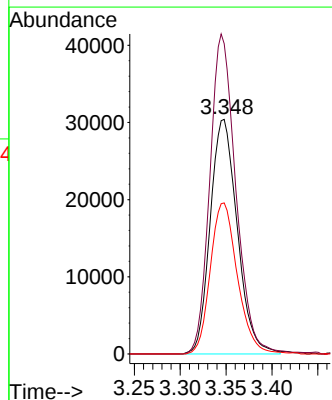
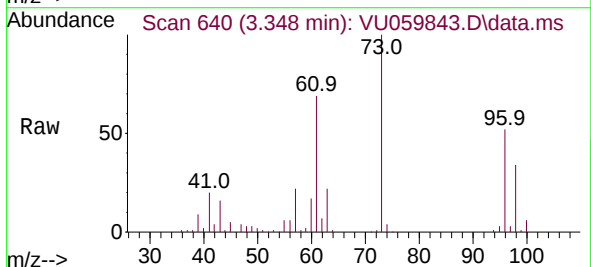
Instrument :
MSVOA_U
ClientSampleId :

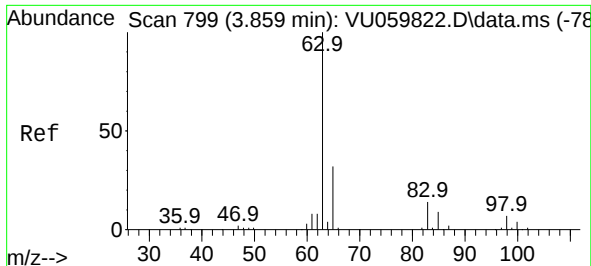
Tgt Ion: 73 Resp: 145729
Ion Ratio Lower Upper
73 100
43 16.7 14.9 22.3
57 21.7 18.0 27.0



#18
trans-1,2-Dichloroethene
Concen: 4.966 ug/L
RT: 3.348 min Scan# 640
Delta R.T. 0.003 min
Lab File: VU059843.D
Acq: 04 Jul 2024 11:45

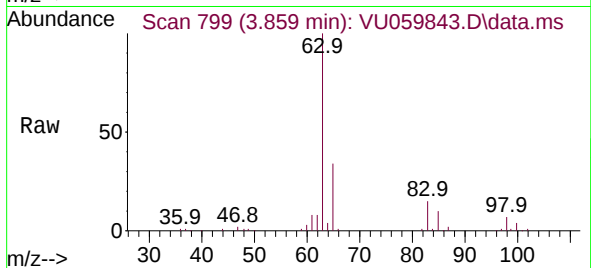
Tgt Ion: 96 Resp: 62506
Ion Ratio Lower Upper
96 100
61 132.2 101.8 189.0
98 64.4 43.3 80.5



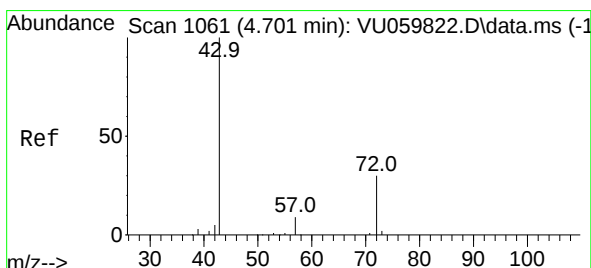
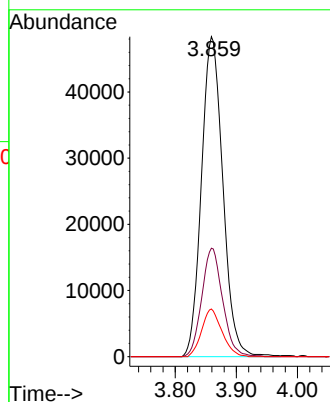
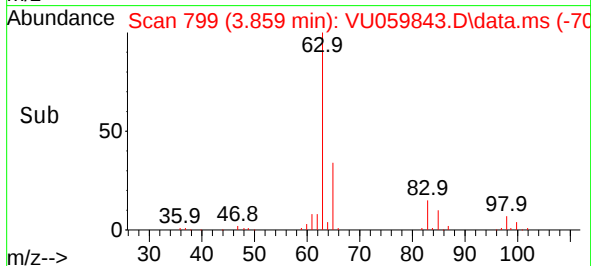


#19
1,1-Dichloroethane
Concen: 5.073 ug/L
RT: 3.859 min Scan# 799
Delta R.T. 0.000 min
Lab File: VU059843.D
Acq: 04 Jul 2024 11:45

Instrument :
MSVOA_U
ClientSampleId :

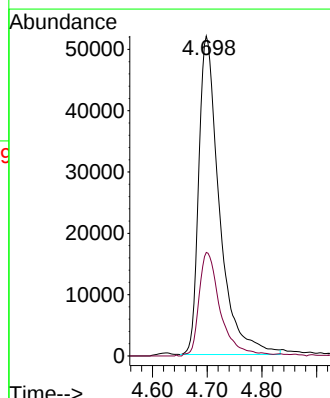
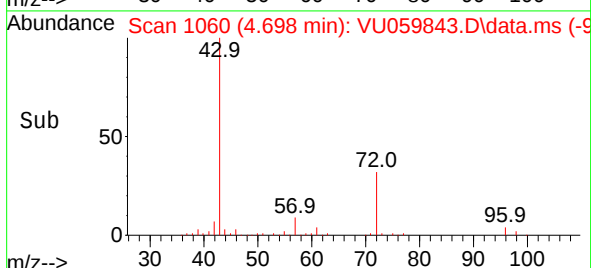
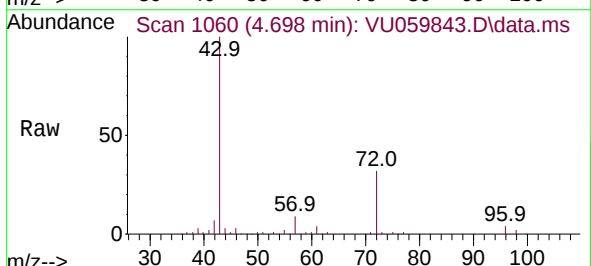


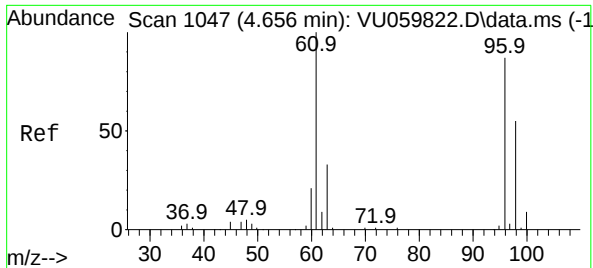
Tgt Ion: 63 Resp: 117746
Ion Ratio Lower Upper
63 100
65 33.9 21.8 40.6
83 14.9 9.9 18.5



#21
2-Butanone
Concen: 53.615 ug/L
RT: 4.698 min Scan# 1060
Delta R.T. -0.003 min
Lab File: VU059843.D
Acq: 04 Jul 2024 11:45

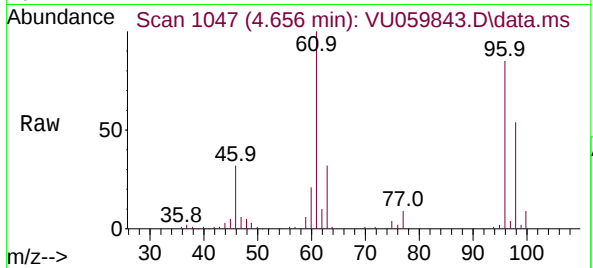
Tgt Ion: 43 Resp: 136346
Ion Ratio Lower Upper
43 100
72 33.0 13.8 41.4



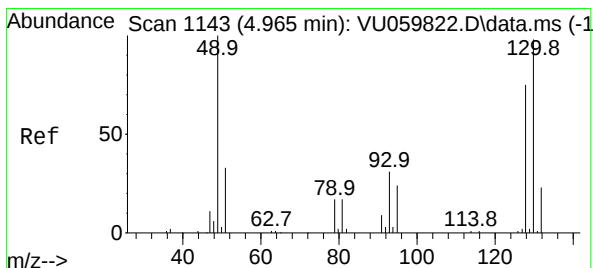
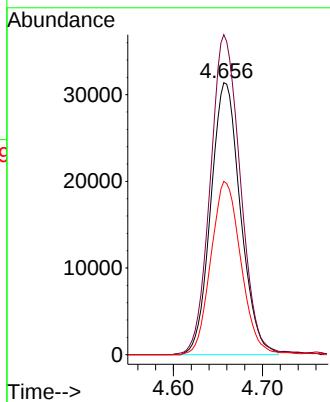
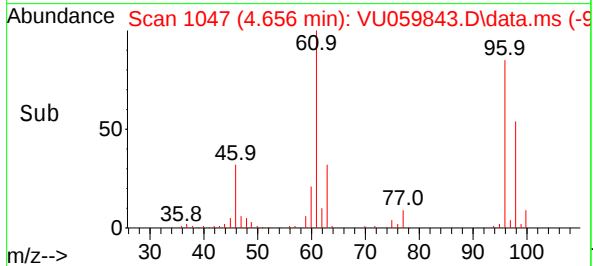


#22
 cis-1,2-Dichloroethene
 Concen: 5.233 ug/L
 RT: 4.656 min Scan# 1047
 Delta R.T. 0.000 min
 Lab File: VU059843.D
 Acq: 04 Jul 2024 11:45

Instrument :
 MSVOA_U
 ClientSampleId :

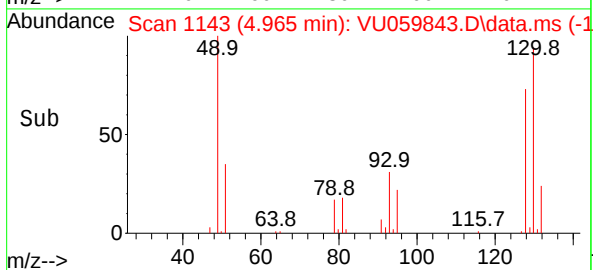
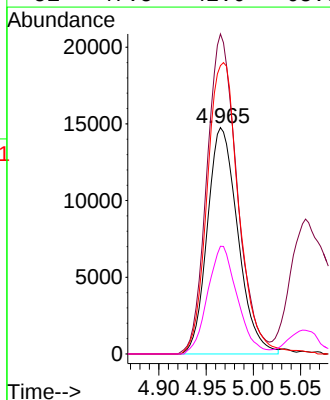
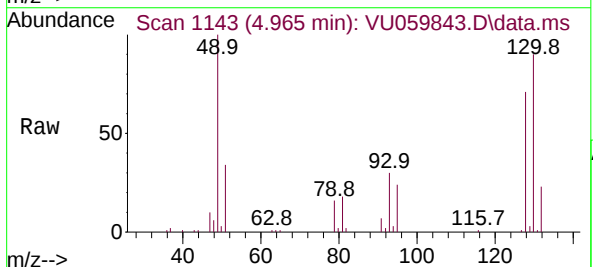


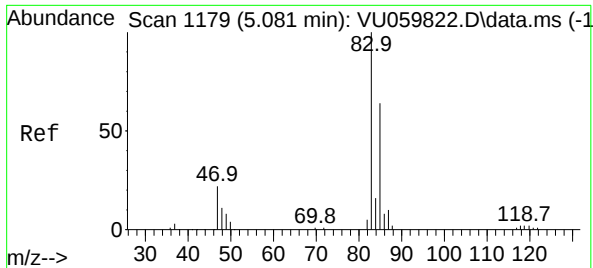
Tgt Ion: 96 Resp: 72598
 Ion Ratio Lower Upper
 96 100
 61 117.7 87.4 162.2
 98 63.7 42.3 78.5



#23
 Bromochloromethane
 Concen: 5.236 ug/L
 RT: 4.965 min Scan# 1143
 Delta R.T. 0.000 min
 Lab File: VU059843.D
 Acq: 04 Jul 2024 11:45

Tgt Ion: 128 Resp: 33114
 Ion Ratio Lower Upper
 128 100
 49 145.6 117.0 217.4
 130 127.3 89.6 166.4
 51 47.5 42.0 63.0

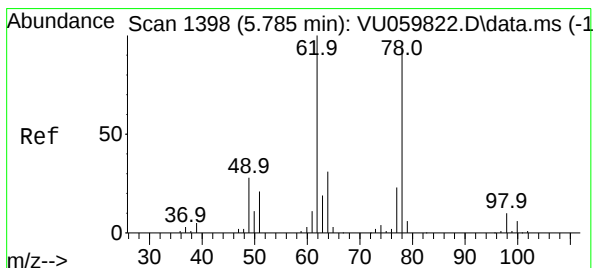
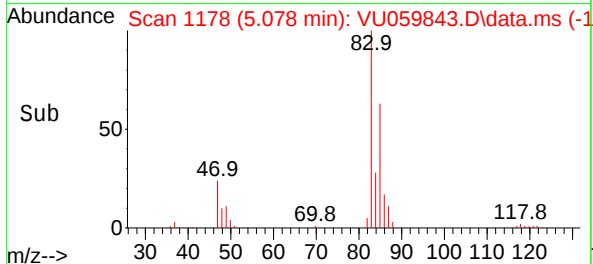
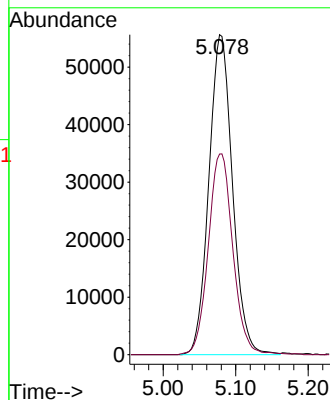
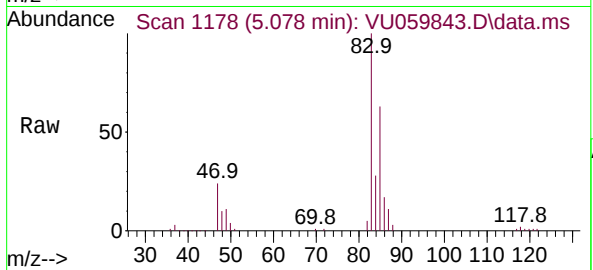




#25
Chloroform
Concen: 5.153 ug/L
RT: 5.078 min Scan# 1179
Delta R.T. -0.003 min
Lab File: VU059843.D
Acq: 04 Jul 2024 11:45

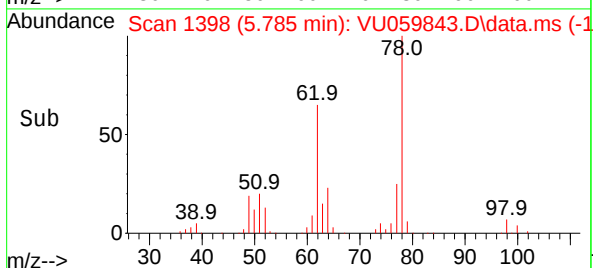
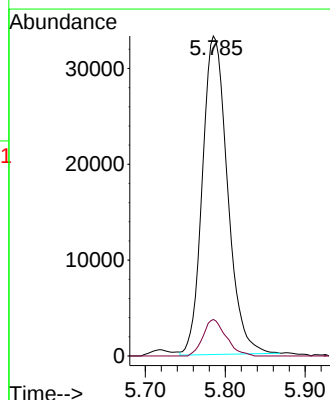
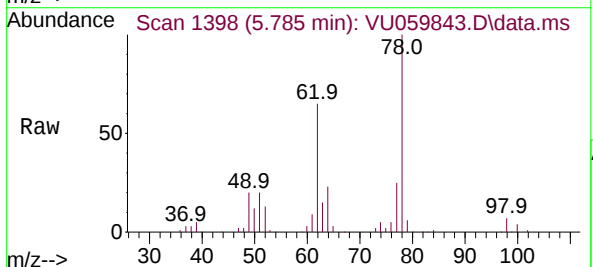
Instrument :
MSVOA_U
ClientSampleId :

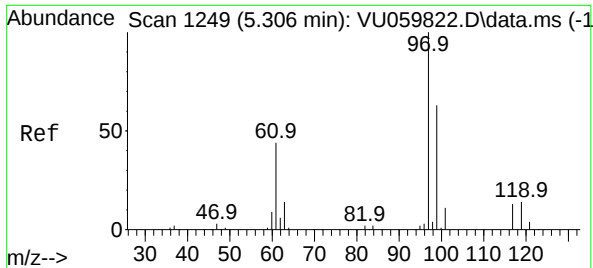
Tgt Ion: 83 Resp: 125963
Ion Ratio Lower Upper
83 100
85 62.7 44.7 83.1



#27
1,2-Dichloroethane
Concen: 4.906 ug/L
RT: 5.785 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VU059843.D
Acq: 04 Jul 2024 11:45

Tgt Ion: 62 Resp: 72677
Ion Ratio Lower Upper
62 100
98 11.4 7.5 11.3#

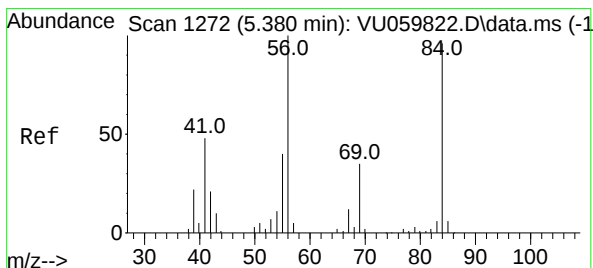
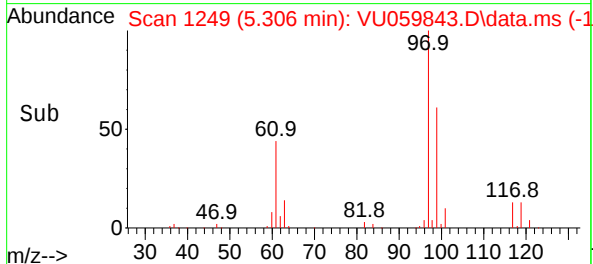
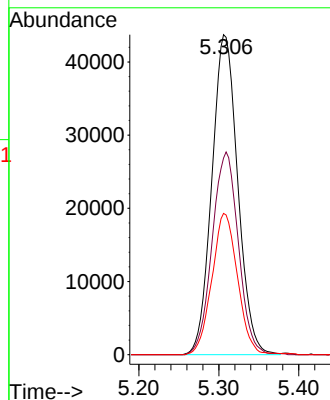
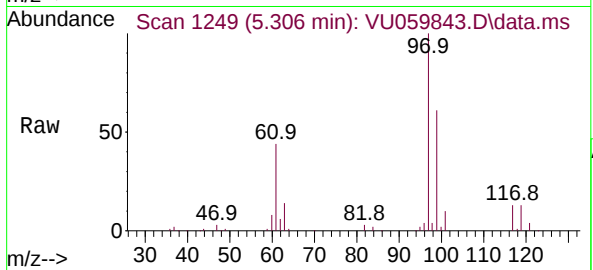




#29
1,1,1-Trichloroethane
Concen: 5.075 ug/L
RT: 5.306 min Scan# 1249
Delta R.T. 0.000 min
Lab File: VU059843.D
Acq: 04 Jul 2024 11:45

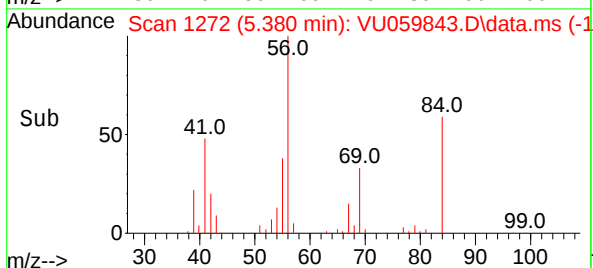
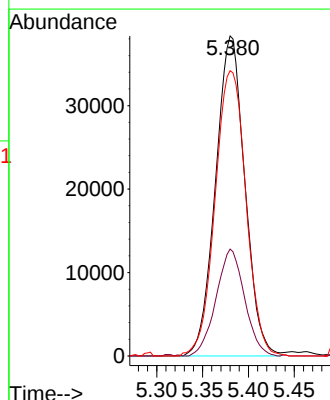
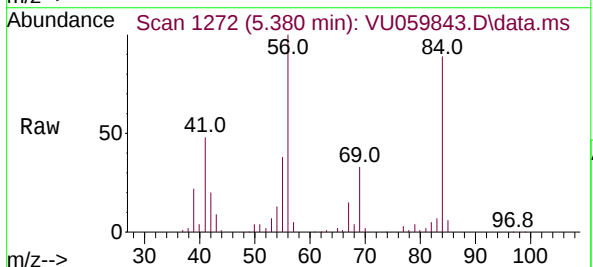
Instrument :
MSVOA_U
ClientSampleId :

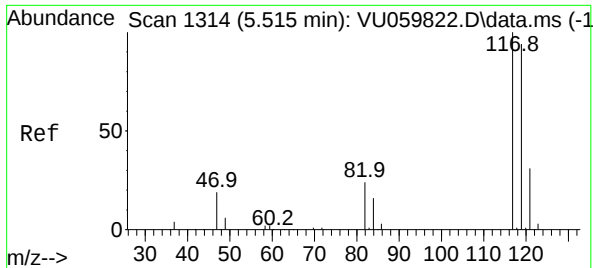
Tgt Ion: 97 Resp: 98450
Ion Ratio Lower Upper
97 100
99 64.1 51.8 77.6
61 43.7 37.4 56.2



#30
Cyclohexane
Concen: 4.966 ug/L
RT: 5.380 min Scan# 1272
Delta R.T. 0.000 min
Lab File: VU059843.D
Acq: 04 Jul 2024 11:45

Tgt Ion: 56 Resp: 85057
Ion Ratio Lower Upper
56 100
69 32.5 24.8 37.2
84 93.9 69.8 104.8

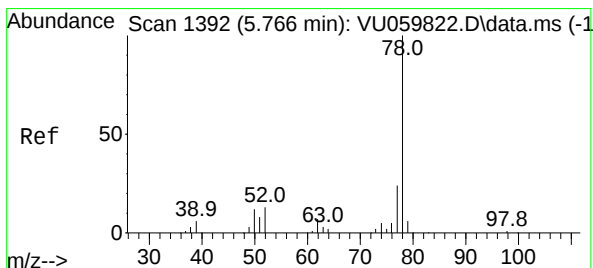
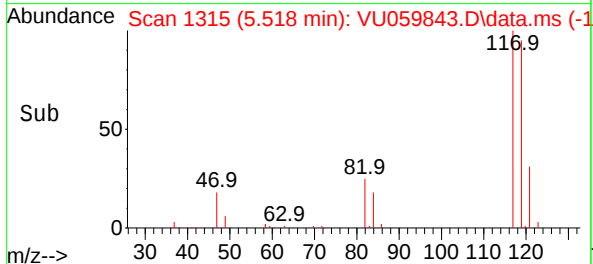
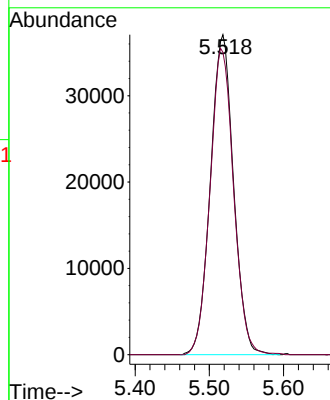
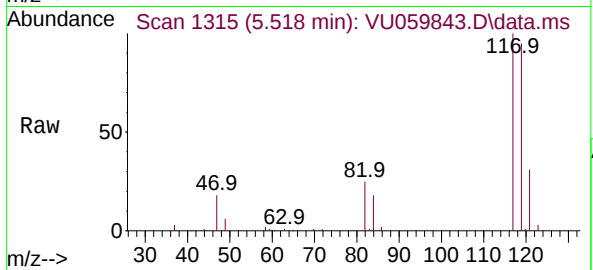




#31
Carbon tetrachloride
Concen: 4.942 ug/L
RT: 5.518 min Scan# 1314
Delta R.T. 0.003 min
Lab File: VU059843.D
Acq: 04 Jul 2024 11:45

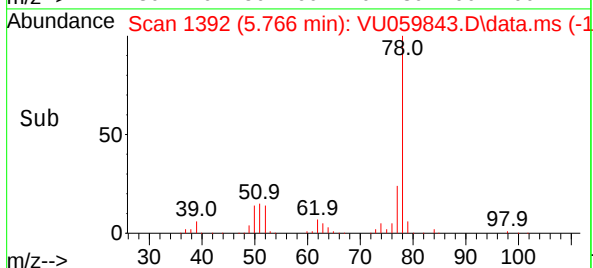
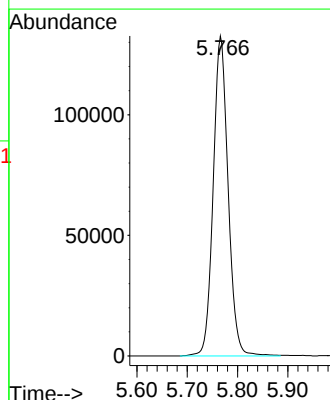
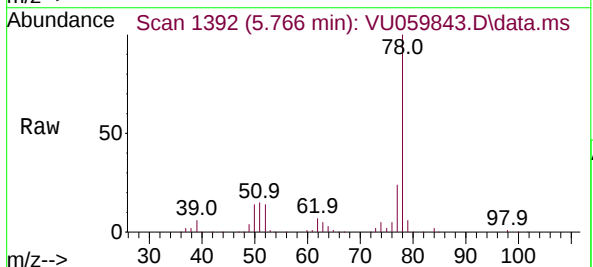
Instrument :
MSVOA_U
ClientSampleId :

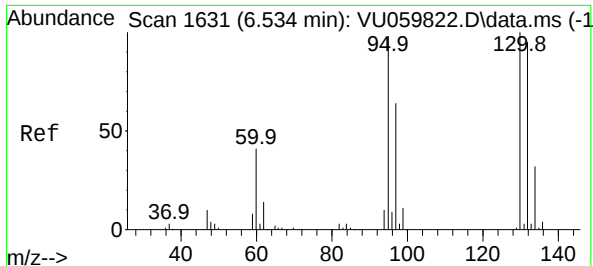
Tgt Ion:117 Resp: 80266
Ion Ratio Lower Upper
117 100
119 97.4 77.5 116.3



#33
Benzene
Concen: 5.357 ug/L
RT: 5.766 min Scan# 1392
Delta R.T. 0.000 min
Lab File: VU059843.D
Acq: 04 Jul 2024 11:45

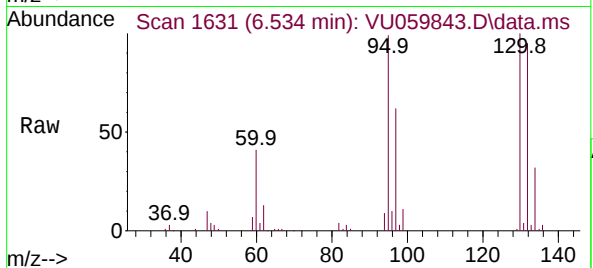
Tgt Ion: 78 Resp: 273275



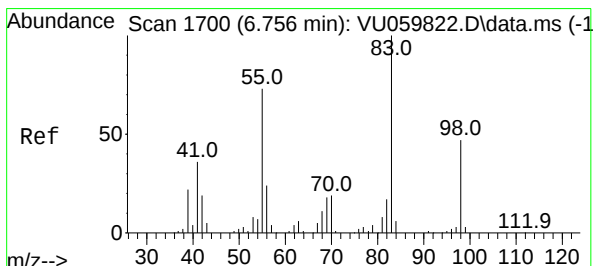
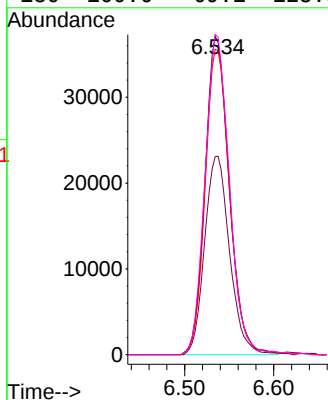
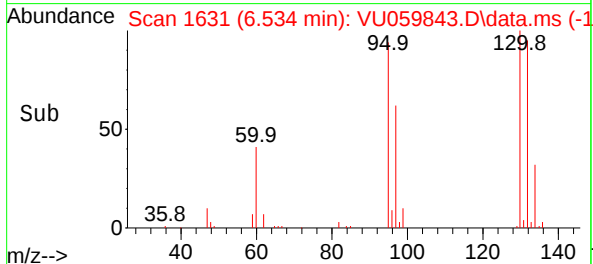


#34
Trichloroethene
Concen: 5.059 ug/L
RT: 6.534 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU059843.D
Acq: 04 Jul 2024 11:45

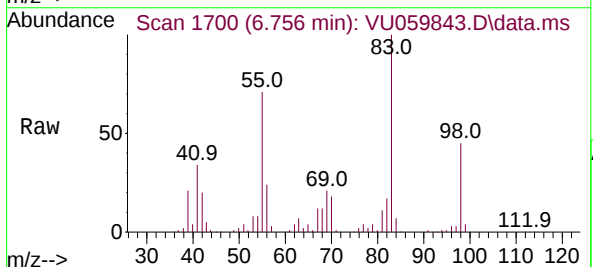
Instrument :
MSVOA_U
ClientSampleId :



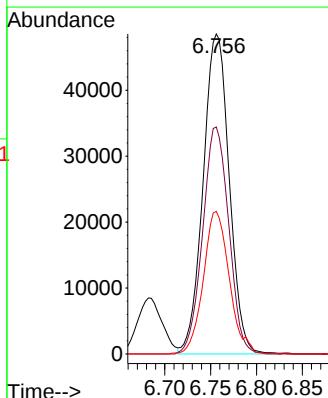
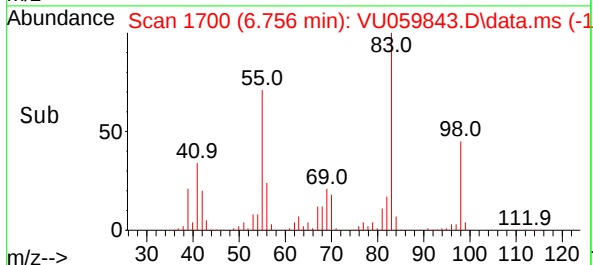
Tgt Ion: 95 Resp: 69899
Ion Ratio Lower Upper
95 100
97 62.2 45.3 84.1
132 96.0 64.0 119.0
130 100.6 69.1 128.3

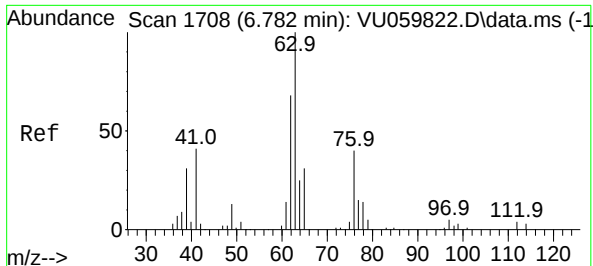


#35
Methylcyclohexane
Concen: 4.889 ug/L
RT: 6.756 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VU059843.D
Acq: 04 Jul 2024 11:45



Tgt Ion: 83 Resp: 96109
Ion Ratio Lower Upper
83 100
55 70.9 62.7 94.1
98 44.2 35.4 53.0

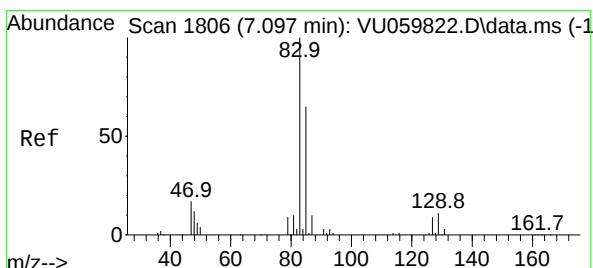
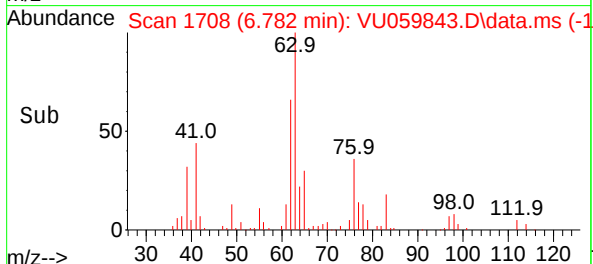
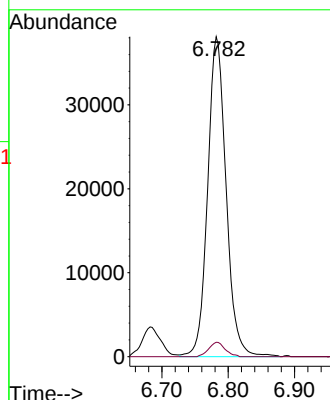
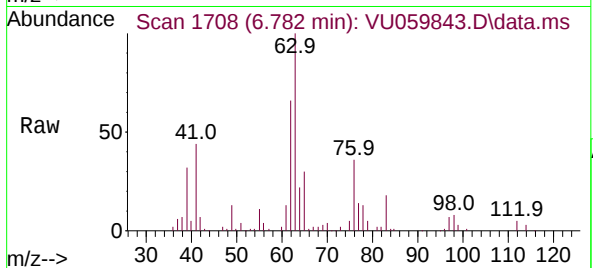




#37
1,2-Dichloropropane
Concen: 5.581 ug/L
RT: 6.782 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU059843.D
Acq: 04 Jul 2024 11:45

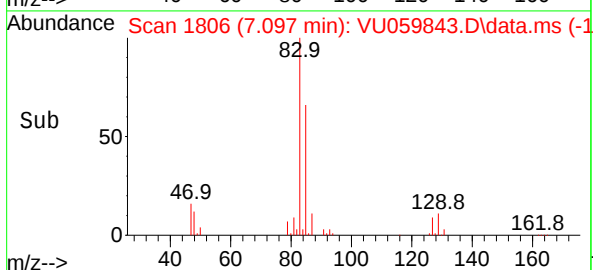
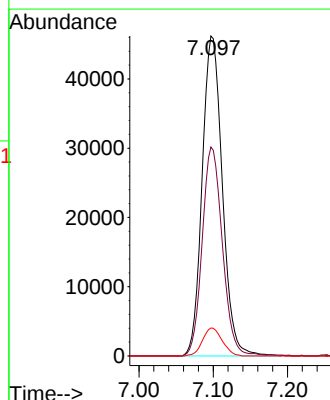
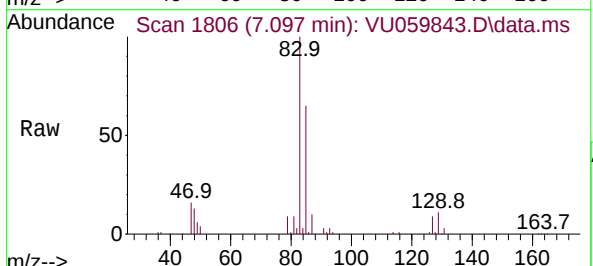
Instrument :
MSVOA_U
ClientSampleId :

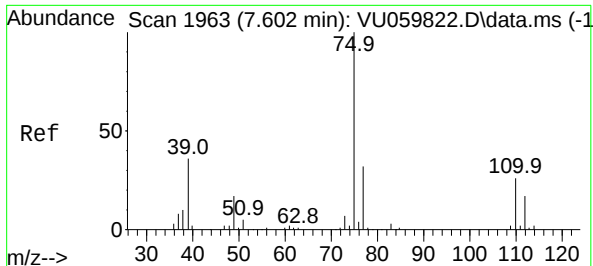
Tgt Ion: 63 Resp: 73679
Ion Ratio Lower Upper
63 100
112 4.0 2.6 3.8#



#38
Bromodichloromethane
Concen: 5.290 ug/L
RT: 7.097 min Scan# 1806
Delta R.T. 0.000 min
Lab File: VU059843.D
Acq: 04 Jul 2024 11:45

Tgt Ion: 83 Resp: 87168
Ion Ratio Lower Upper
83 100
85 65.3 42.7 79.3
127 8.8 6.1 9.1

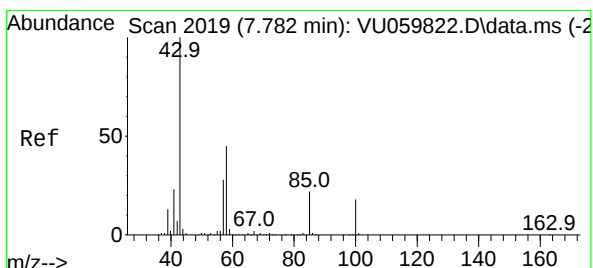
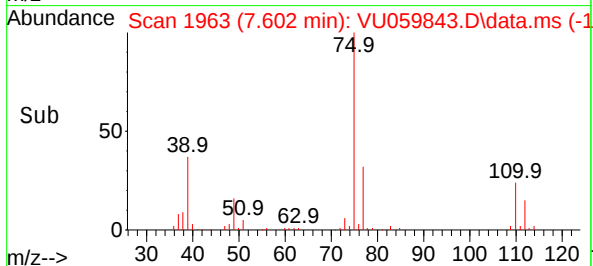
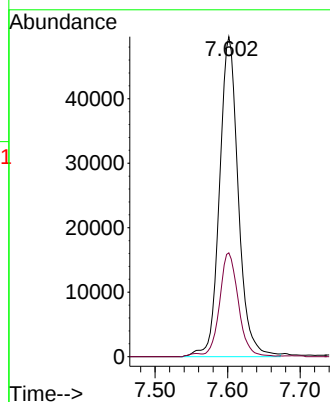
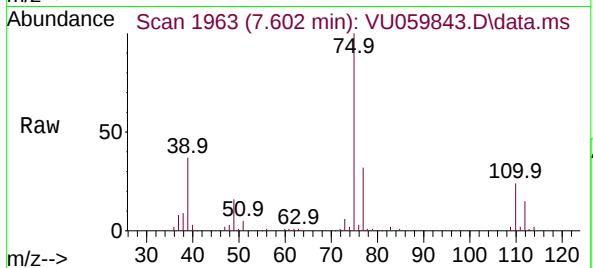




#39
 cis-1,3-Dichloropropene
 Concen: 4.948 ug/L
 RT: 7.602 min Scan# 1963
 Delta R.T. 0.000 min
 Lab File: VU059843.D
 Acq: 04 Jul 2024 11:45

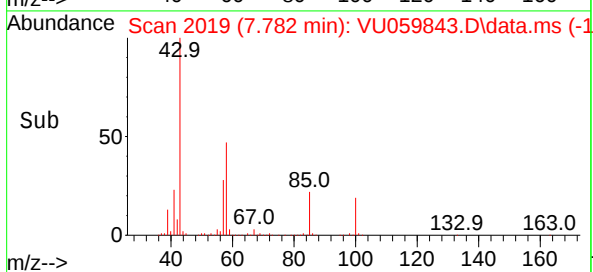
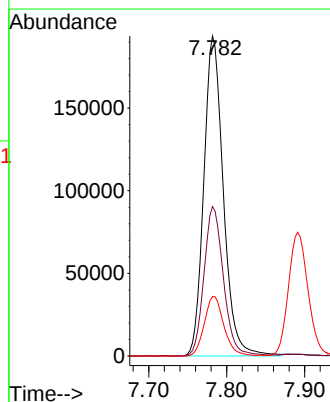
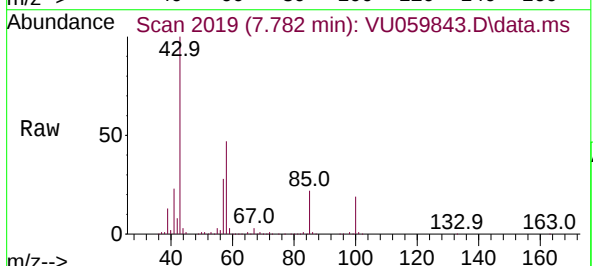
Instrument :
 MSVOA_U
 ClientSampleId :

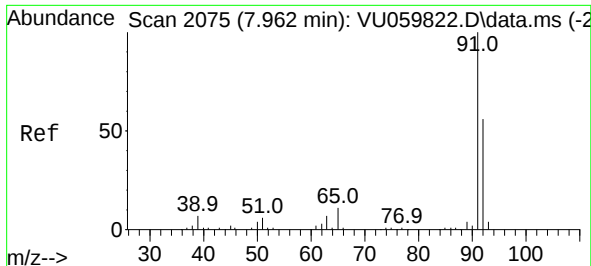
Tgt Ion: 75 Resp: 89333
 Ion Ratio Lower Upper
 75 100
 77 32.4 22.0 40.8



#40
 4-Methyl-2-pentanone
 Concen: 55.169 ug/L
 RT: 7.782 min Scan# 2019
 Delta R.T. 0.000 min
 Lab File: VU059843.D
 Acq: 04 Jul 2024 11:45

Tgt Ion: 43 Resp: 337496
 Ion Ratio Lower Upper
 43 100
 58 46.6 34.0 51.0
 100 18.7 12.1 18.1#





#42

Toluene

Concen: 5.411 ug/L

RT: 7.962 min Scan# 2075

Delta R.T. 0.000 min

Lab File: VU059843.D

Acq: 04 Jul 2024 11:45

Instrument :

MSVOA_U

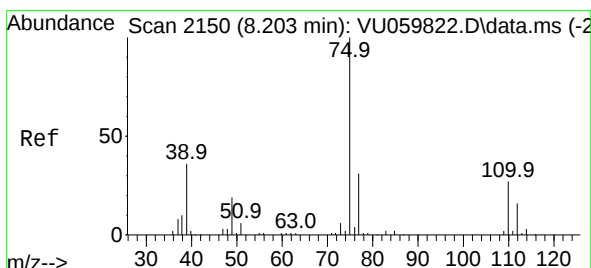
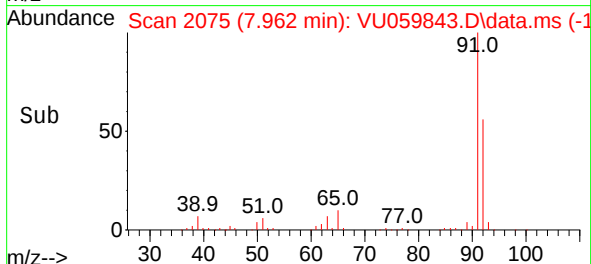
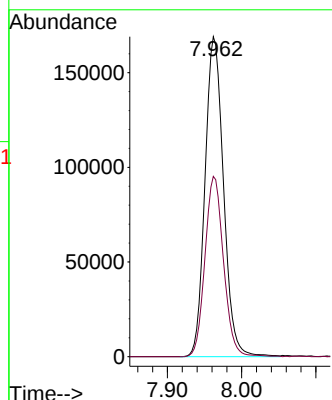
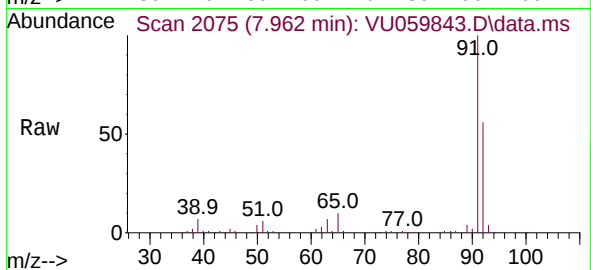
ClientSampleId :

Tgt Ion: 91 Resp: 292245

Ion Ratio Lower Upper

91 100

92 56.3 39.7 73.7



#44

trans-1,3-Dichloropropene

Concen: 5.043 ug/L

RT: 8.203 min Scan# 2150

Delta R.T. 0.000 min

Lab File: VU059843.D

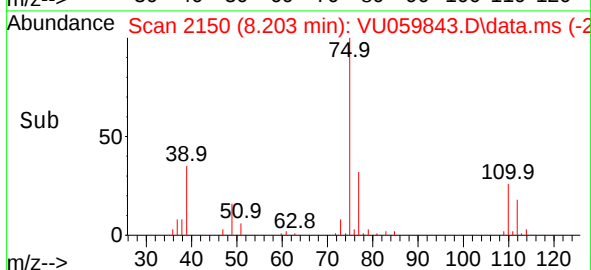
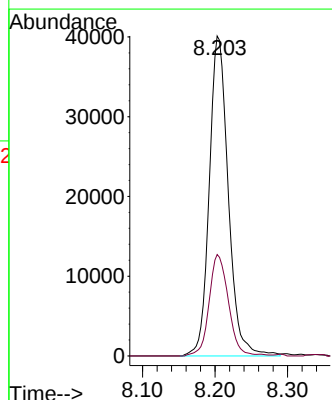
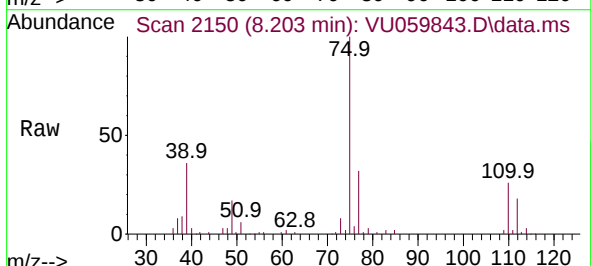
Acq: 04 Jul 2024 11:45

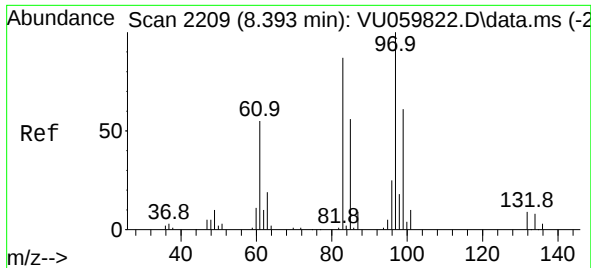
Tgt Ion: 75 Resp: 73078

Ion Ratio Lower Upper

75 100

77 31.7 22.0 41.0

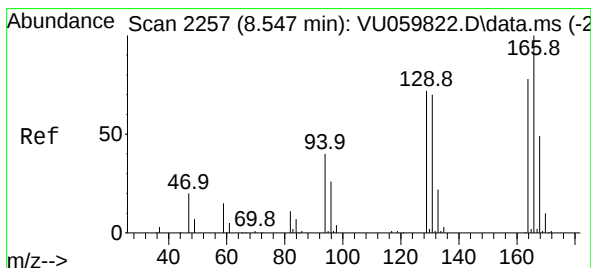
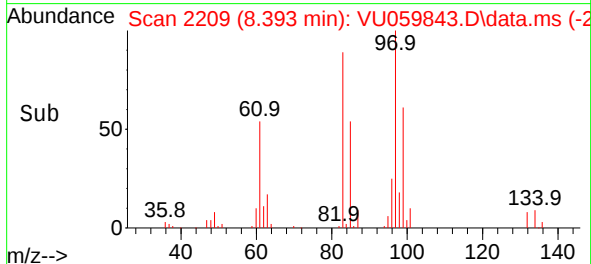
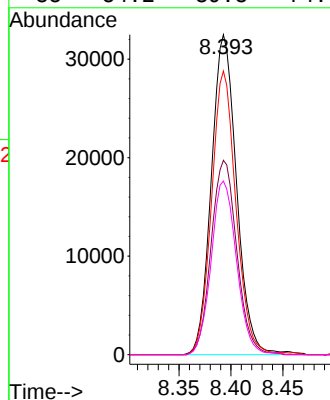
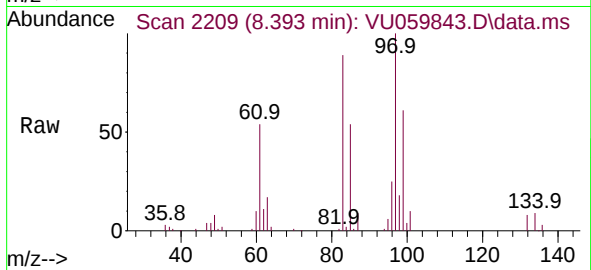




#45
1,1,2-Trichloroethane
Concen: 5.622 ug/L
RT: 8.393 min Scan# 2209
Delta R.T. 0.000 min
Lab File: VU059843.D
Acq: 04 Jul 2024 11:45

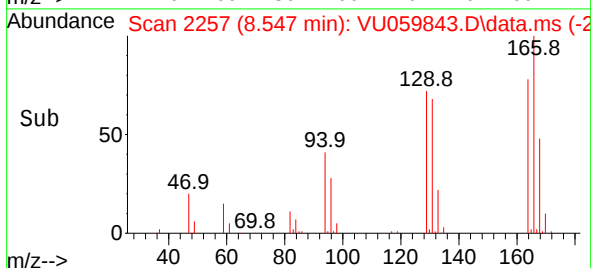
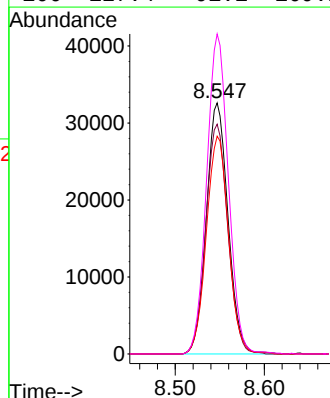
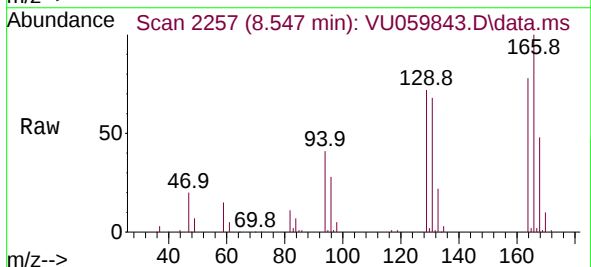
Instrument :
MSVOA_U
ClientSampleId :

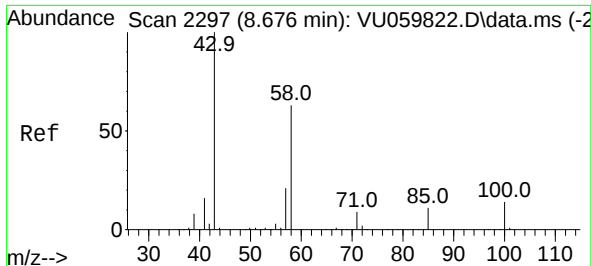
Tgt Ion:	97	Resp:	54691
Ion	Ratio	Lower	Upper
97	100		
99	60.7	43.3	80.3
83	88.6	62.3	115.7
85	54.2	39.8	74.0



#47
Tetrachloroethene
Concen: 5.153 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. 0.000 min
Lab File: VU059843.D
Acq: 04 Jul 2024 11:45

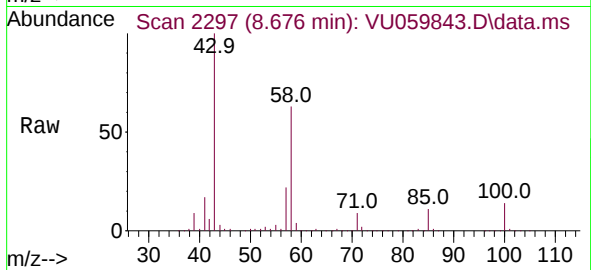
Tgt Ion:	164	Resp:	55247
Ion	Ratio	Lower	Upper
164	100		
129	91.5	70.8	131.4
131	86.7	64.8	120.3
166	127.4	91.1	169.1



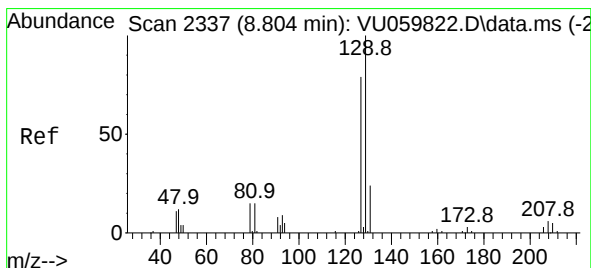
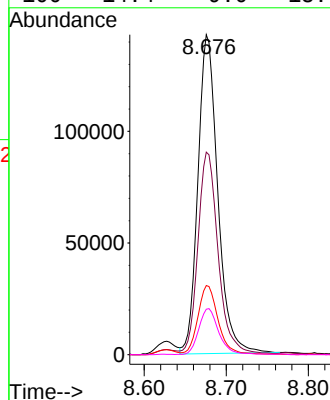
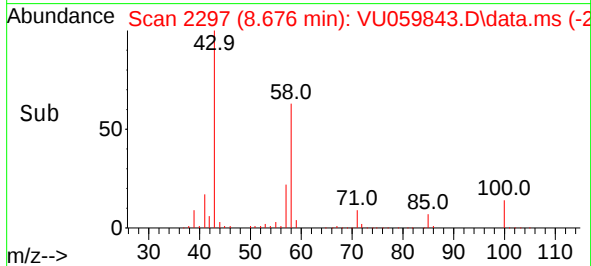


#48
2-Hexanone
Concen: 55.180 ug/L
RT: 8.676 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU059843.D
Acq: 04 Jul 2024 11:45

Instrument :
MSVOA_U
ClientSampleId :

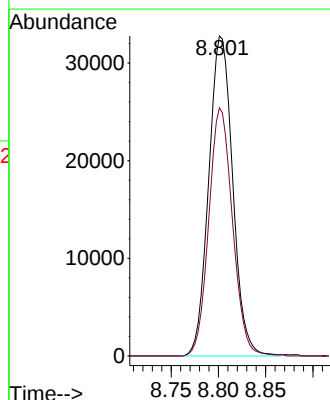
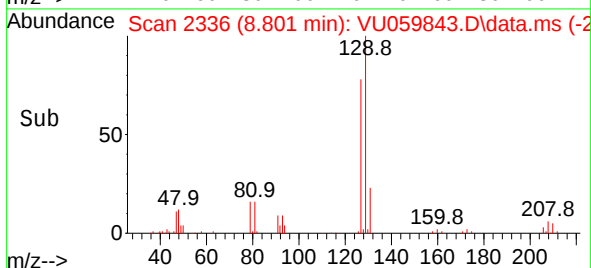
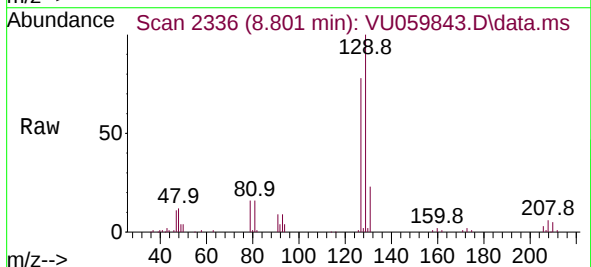


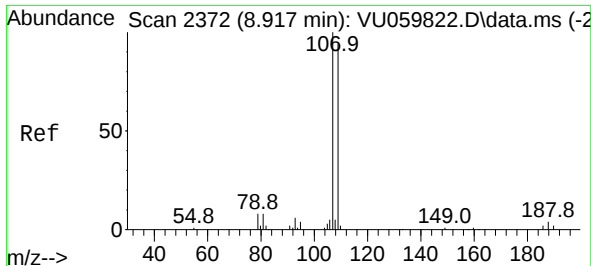
Tgt Ion: 43 Resp: 240912
Ion Ratio Lower Upper
43 100
58 64.0 46.1 69.1
57 22.4 15.5 23.3
100 14.4 9.0 13.6#



#49
Dibromochloromethane
Concen: 5.365 ug/L
RT: 8.801 min Scan# 2336
Delta R.T. -0.003 min
Lab File: VU059843.D
Acq: 04 Jul 2024 11:45

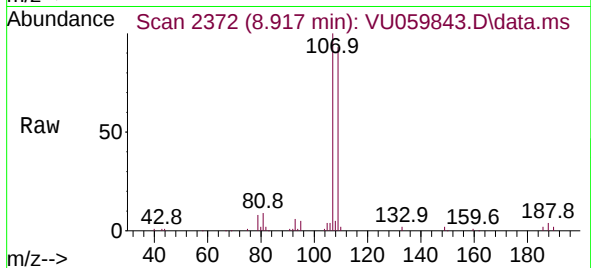
Tgt Ion: 129 Resp: 57821
Ion Ratio Lower Upper
129 100
127 77.6 52.5 97.5



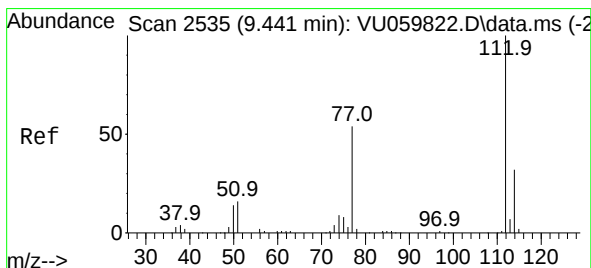
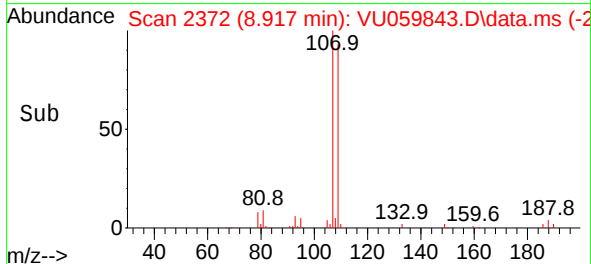
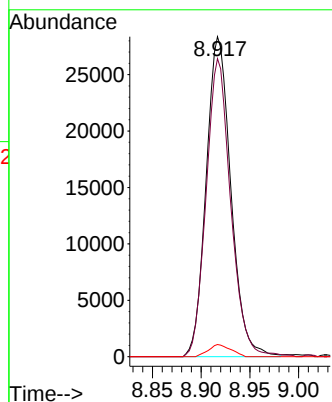


#50
1,2-Dibromoethane
Concen: 5.572 ug/L
RT: 8.917 min Scan# 2372
Delta R.T. 0.000 min
Lab File: VU059843.D
Acq: 04 Jul 2024 11:45

Instrument :
MSVOA_U
ClientSampleId :

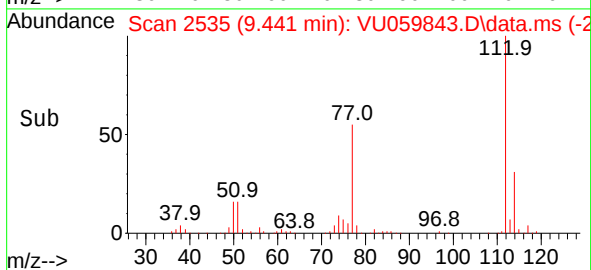
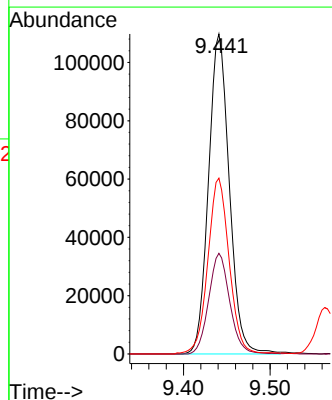
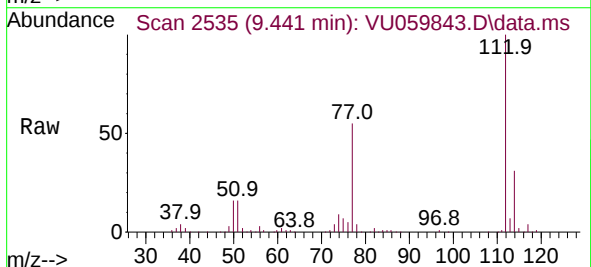


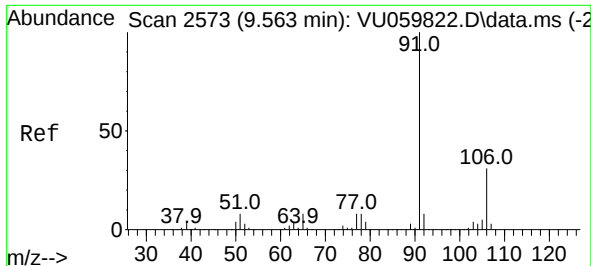
Tgt Ion:107 Resp: 50061
Ion Ratio Lower Upper
107 100
109 93.1 66.9 124.3
188 3.8 2.7 4.1



#51
Chlorobenzene
Concen: 5.348 ug/L
RT: 9.441 min Scan# 2535
Delta R.T. 0.000 min
Lab File: VU059843.D
Acq: 04 Jul 2024 11:45

Tgt Ion:112 Resp: 183211
Ion Ratio Lower Upper
112 100
114 31.5 22.4 41.6
77 55.0 49.1 73.7

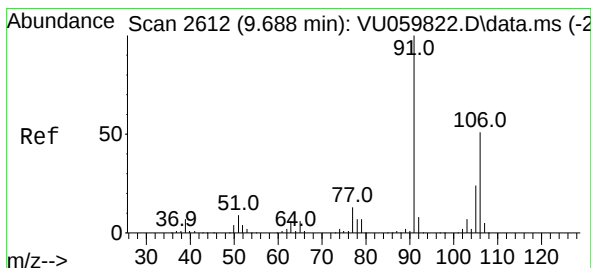
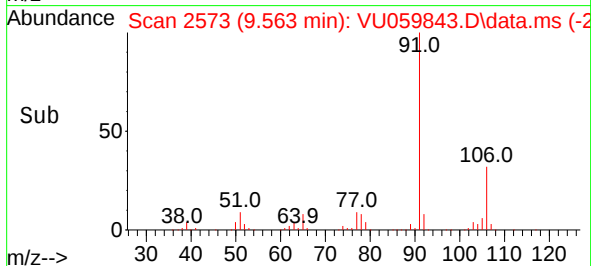
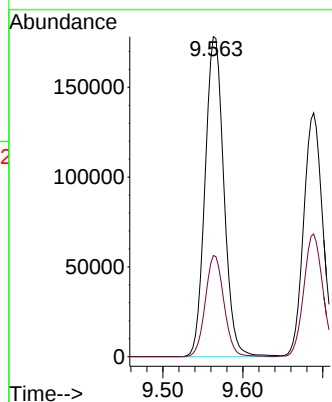
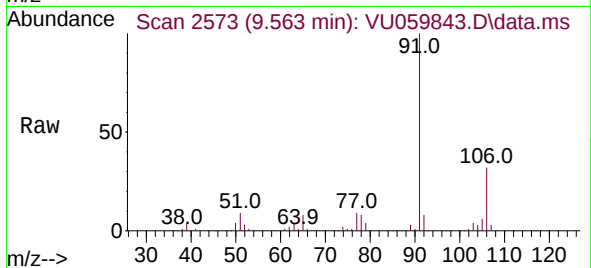




#52
Ethylbenzene
Concen: 5.277 ug/L
RT: 9.563 min Scan# 2573
Delta R.T. 0.000 min
Lab File: VU059843.D
Acq: 04 Jul 2024 11:45

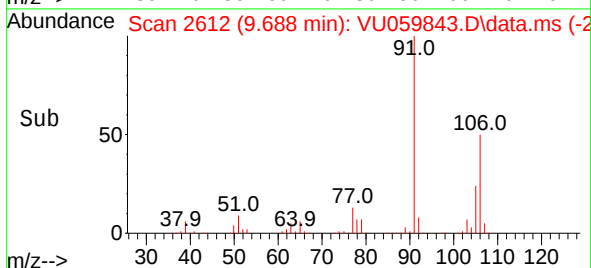
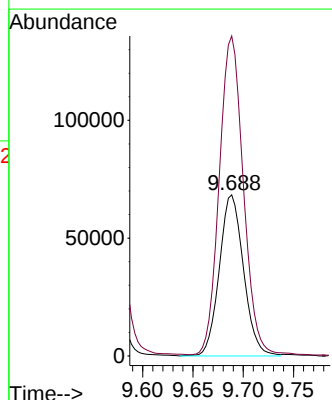
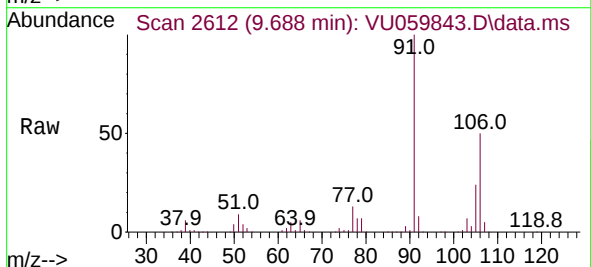
Instrument :
MSVOA_U
ClientSampleId :

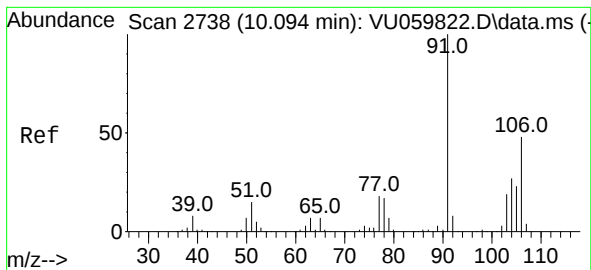
Tgt Ion: 91 Resp: 292357
Ion Ratio Lower Upper
91 100
106 31.6 20.9 38.7



#53
m,p-Xylene
Concen: 5.388 ug/L
RT: 9.688 min Scan# 2612
Delta R.T. 0.000 min
Lab File: VU059843.D
Acq: 04 Jul 2024 11:45

Tgt Ion: 106 Resp: 114646
Ion Ratio Lower Upper
106 100
91 198.6 142.0 263.8





#54

o-Xylene

Concen: 5.444 ug/L

RT: 10.094 min Scan# 2738

Delta R.T. 0.000 min

Lab File: VU059843.D

Acq: 04 Jul 2024 11:45

Instrument :

MSVOA_U

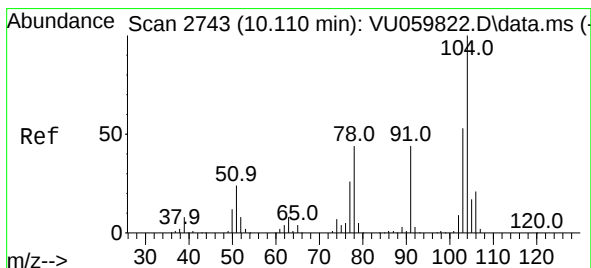
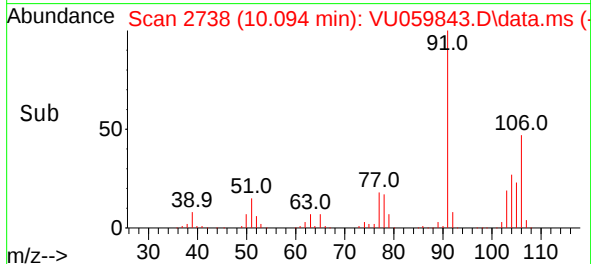
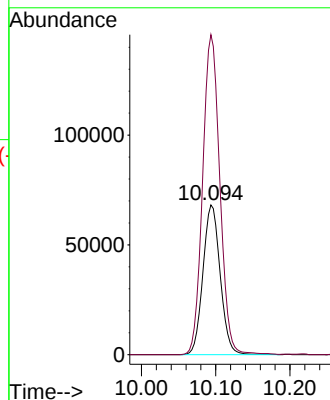
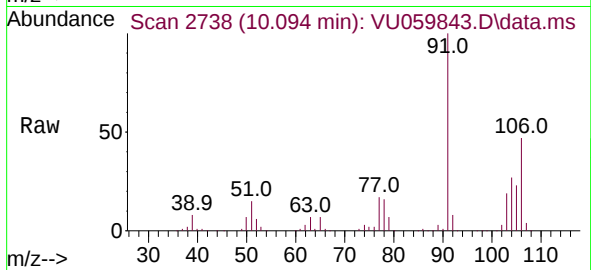
ClientSampleId :

Tgt Ion:106 Resp: 109935

Ion Ratio Lower Upper

106 100

91 213.6 151.6 281.6



#55

Styrene

Concen: 5.587 ug/L

RT: 10.110 min Scan# 2743

Delta R.T. 0.000 min

Lab File: VU059843.D

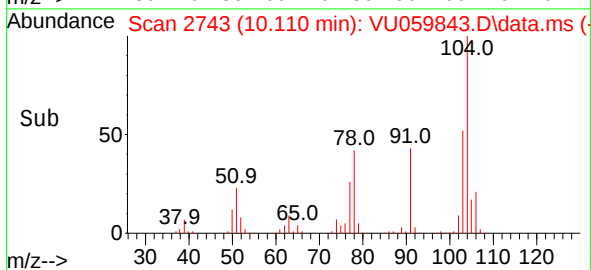
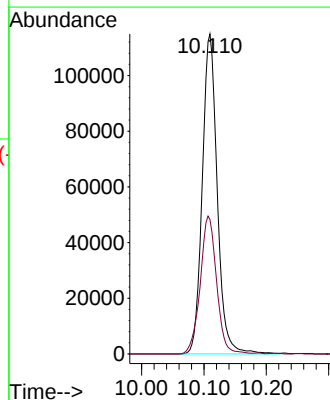
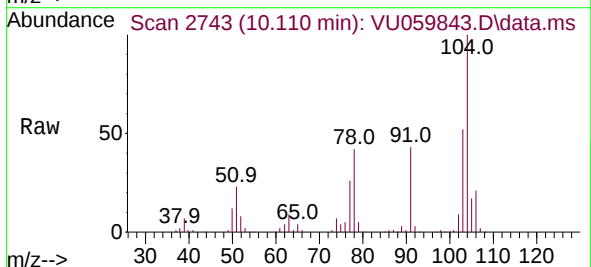
Acq: 04 Jul 2024 11:45

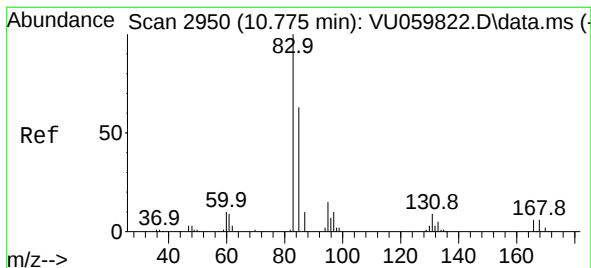
Tgt Ion:104 Resp: 192055

Ion Ratio Lower Upper

104 100

78 42.0 32.3 60.1





#57

1,1,2,2-Tetrachloroethane

Concen: 5.417 ug/L

RT: 10.775 min Scan# 2950

Delta R.T. 0.000 min

Lab File: VU059843.D

Acq: 04 Jul 2024 11:45

Instrument :

MSVOA_U

ClientSampleId :

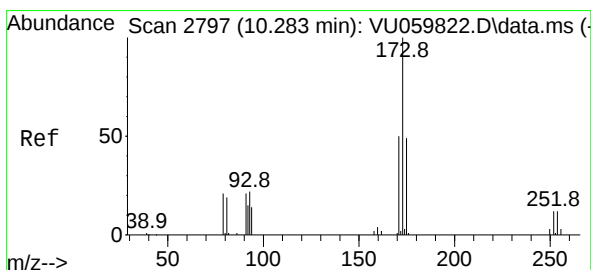
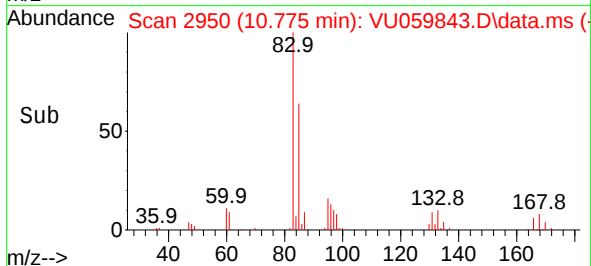
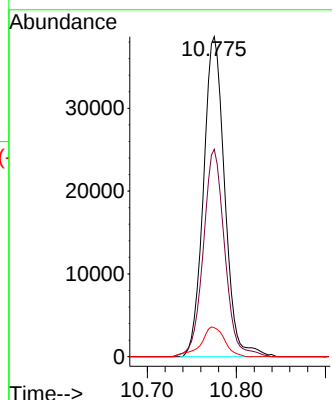
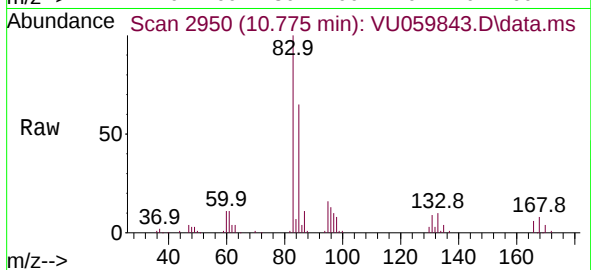
Tgt Ion: 83 Resp: 63931

Ion Ratio Lower Upper

83 100

85 64.8 44.7 82.9

131 9.1 6.9 10.3



#59

Bromoform

Concen: 5.320 ug/L

RT: 10.283 min Scan# 2797

Delta R.T. 0.000 min

Lab File: VU059843.D

Acq: 04 Jul 2024 11:45

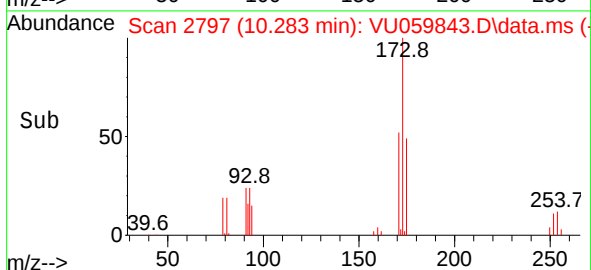
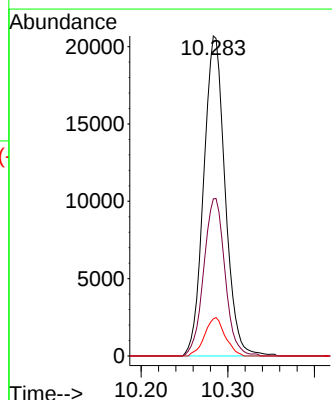
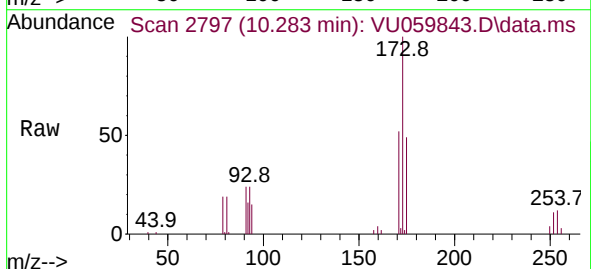
Tgt Ion:173 Resp: 35481

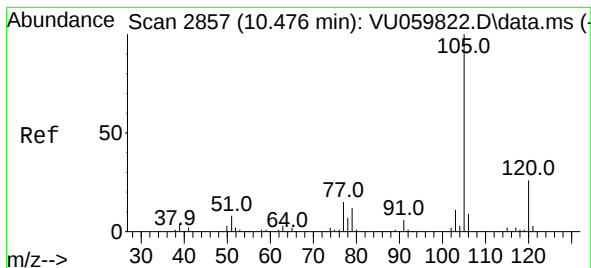
Ion Ratio Lower Upper

173 100

175 48.9 39.4 59.2

254 11.4 7.4 11.2#





#60

Isopropylbenzene

Concen: 5.297 ug/L

RT: 10.479 min Scan# 2857

Delta R.T. 0.003 min

Lab File: VU059843.D

Acq: 04 Jul 2024 11:45

Instrument :

MSVOA_U

ClientSampleId :

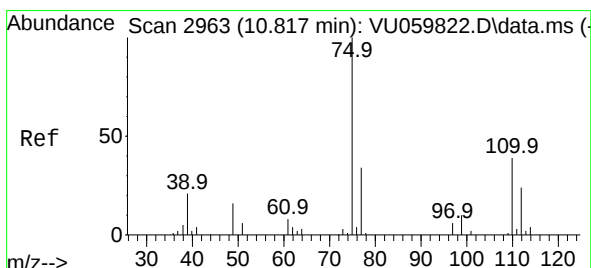
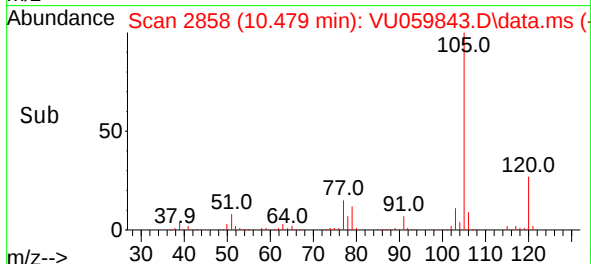
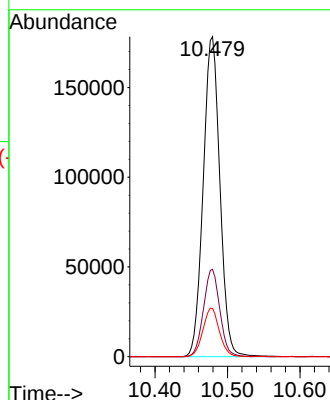
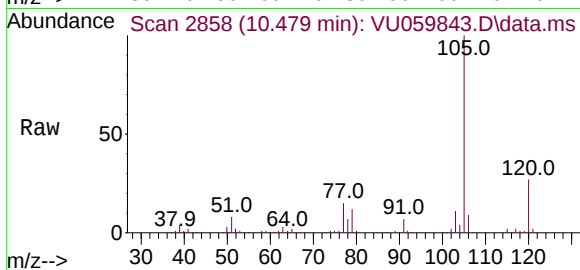
Tgt Ion:105 Resp: 285180

Ion Ratio Lower Upper

105 100

120 26.7 20.6 31.0

77 15.0 12.8 19.2



#61

1,2,3-Trichloropropane

Concen: 5.497 ug/L

RT: 10.814 min Scan# 2962

Delta R.T. -0.003 min

Lab File: VU059843.D

Acq: 04 Jul 2024 11:45

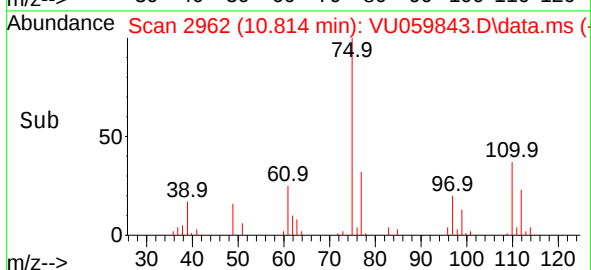
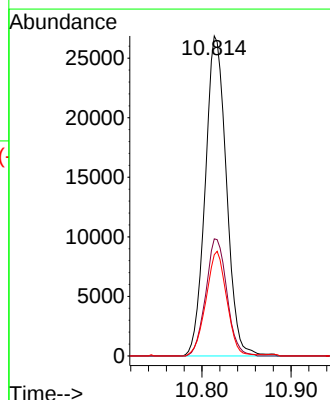
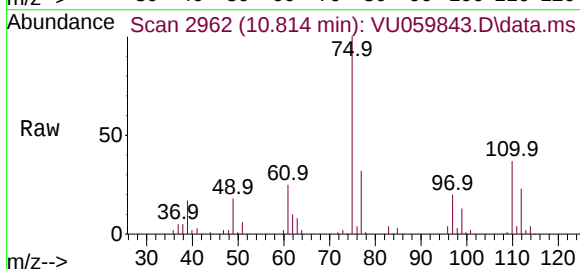
Tgt Ion: 75 Resp: 44274

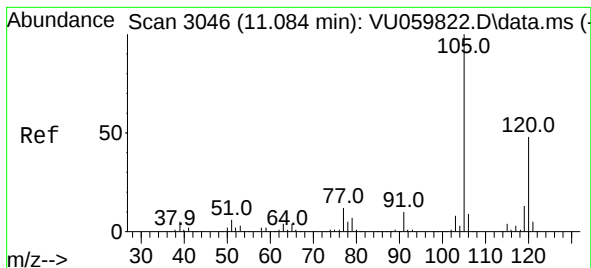
Ion Ratio Lower Upper

75 100

110 36.5 27.1 40.7

77 32.0 25.4 38.2





#62

1,3,5-Trimethylbenzene

Concen: 5.238 ug/L

RT: 11.081 min Scan# 3046

Delta R.T. -0.003 min

Lab File: VU059843.D

Acq: 04 Jul 2024 11:45

Instrument :

MSVOA_U

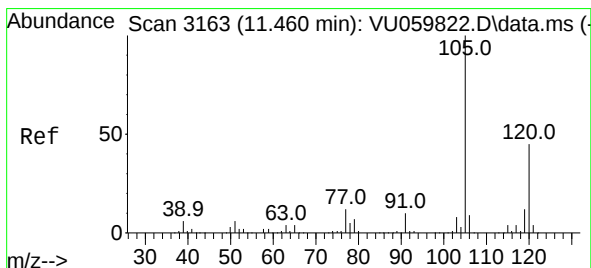
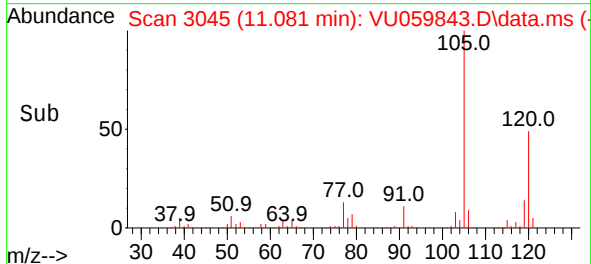
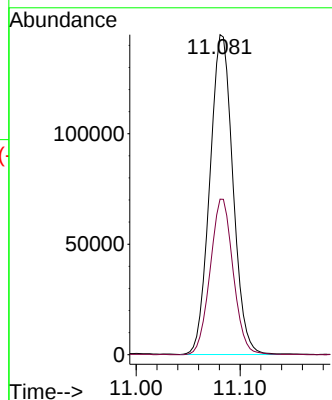
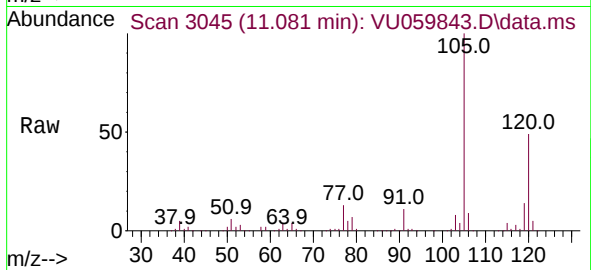
ClientSampleId :

Tgt Ion:105 Resp: 223409

Ion Ratio Lower Upper

105 100

120 48.5 38.2 57.4



#63

1,2,4-Trimethylbenzene

Concen: 5.448 ug/L

RT: 11.463 min Scan# 3164

Delta R.T. 0.003 min

Lab File: VU059843.D

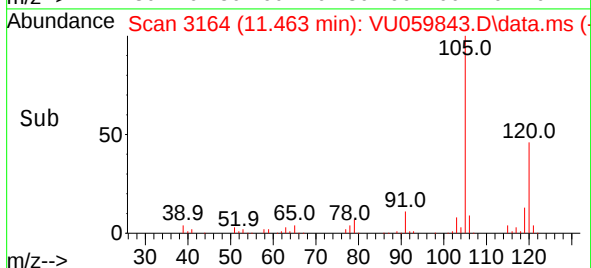
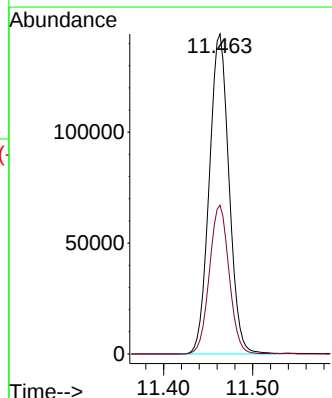
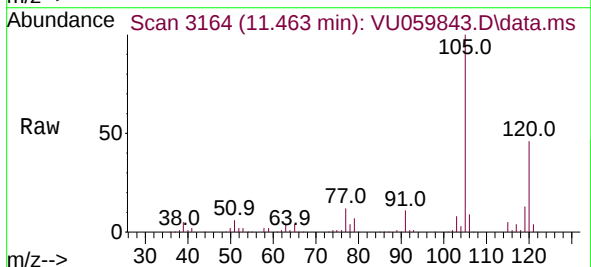
Acq: 04 Jul 2024 11:45

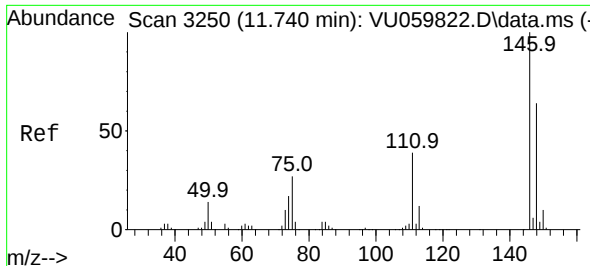
Tgt Ion:105 Resp: 222132

Ion Ratio Lower Upper

105 100

120 46.3 35.4 53.0

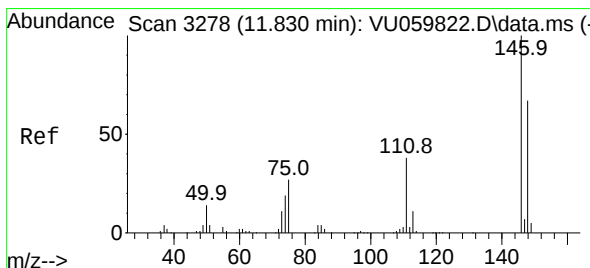
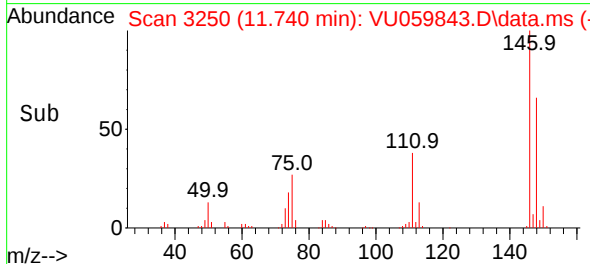
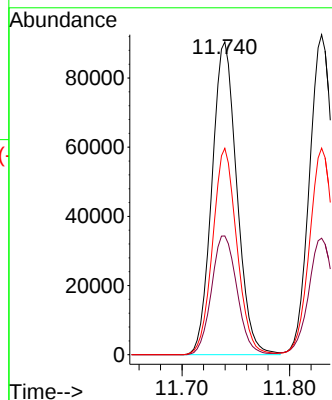
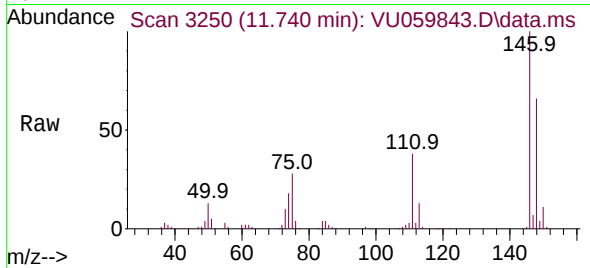




#64
1,3-Dichlorobenzene
Concen: 5.309 ug/L
RT: 11.740 min Scan# 3250
Delta R.T. 0.000 min
Lab File: VU059843.D
Acq: 04 Jul 2024 11:45

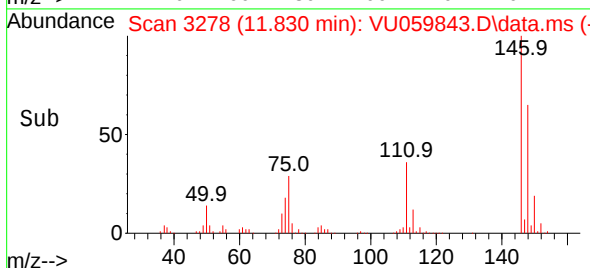
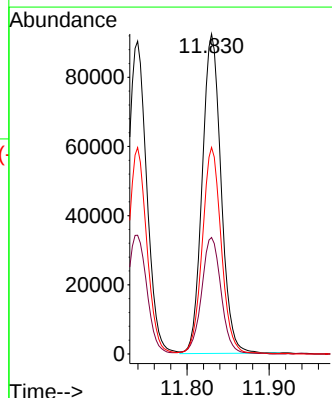
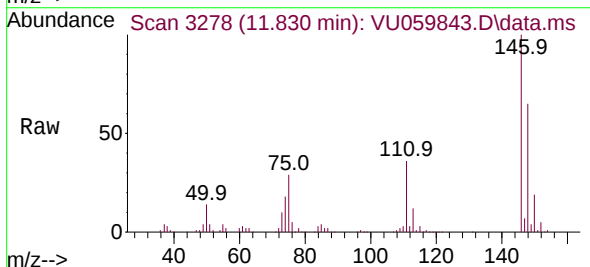
Instrument :
MSVOA_U
ClientSampleId :

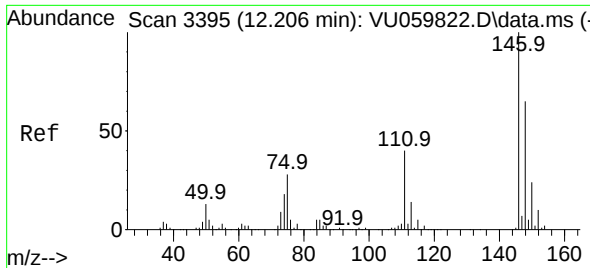
Tgt Ion:146 Resp: 145366
Ion Ratio Lower Upper
146 100
111 38.0 27.4 51.0
148 66.0 45.0 83.6



#65
1,4-Dichlorobenzene
Concen: 5.238 ug/L
RT: 11.830 min Scan# 3278
Delta R.T. 0.000 min
Lab File: VU059843.D
Acq: 04 Jul 2024 11:45

Tgt Ion:146 Resp: 147632
Ion Ratio Lower Upper
146 100
111 36.4 26.9 50.1
148 64.5 45.3 84.1





#67

1,2-Dichlorobenzene

Concen: 5.302 ug/L

RT: 12.206 min Scan# 3395

Delta R.T. 0.000 min

Lab File: VU059843.D

Acq: 04 Jul 2024 11:45

Instrument :

MSVOA_U

ClientSampleId :

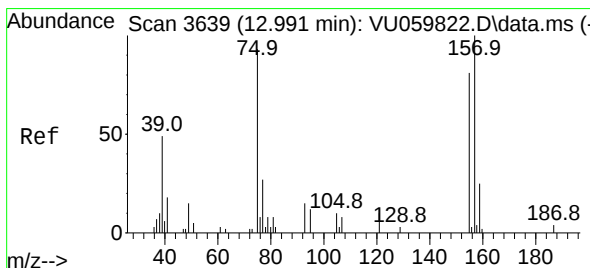
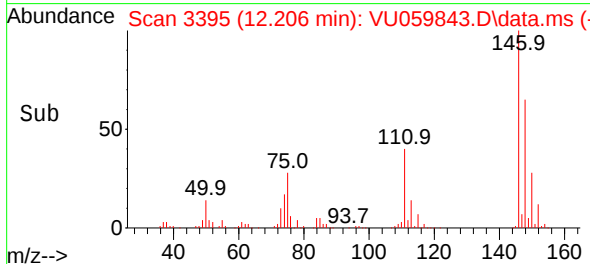
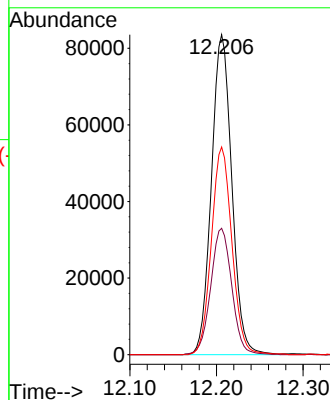
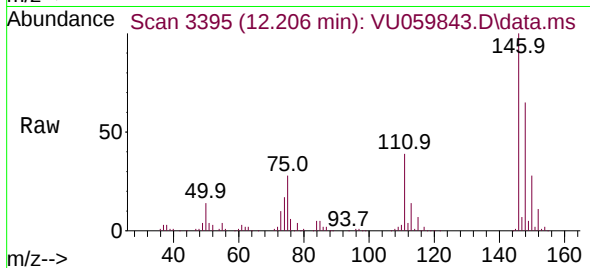
Tgt Ion:146 Resp: 136629

Ion Ratio Lower Upper

146 100

111 39.5 33.4 50.0

148 64.9 49.7 74.5



#68

1,2-Dibromo-3-chloropropane

Concen: 5.785 ug/L

RT: 12.987 min Scan# 3638

Delta R.T. -0.003 min

Lab File: VU059843.D

Acq: 04 Jul 2024 11:45

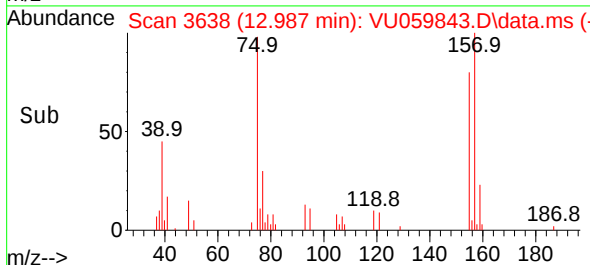
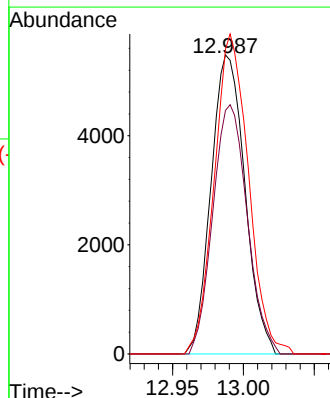
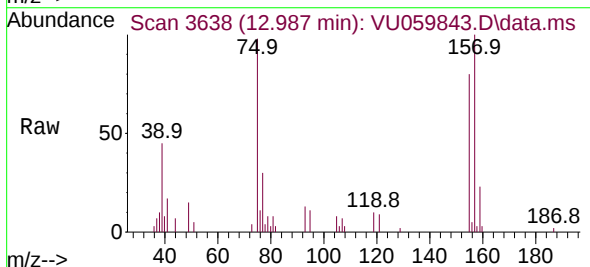
Tgt Ion: 75 Resp: 9088

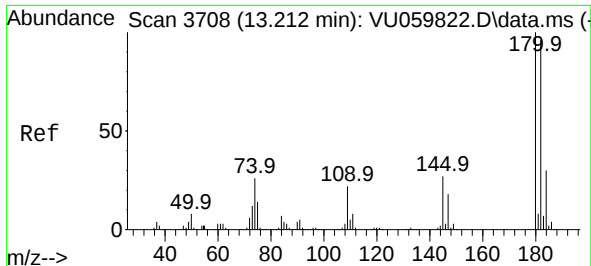
Ion Ratio Lower Upper

75 100

155 81.4 58.2 87.2

157 101.9 80.0 120.0





#69

1,3,5-Trichlorobenzene

Concen: 5.194 ug/L

RT: 13.212 min Scan# 3708

Delta R.T. 0.000 min

Lab File: VU059843.D

Acq: 04 Jul 2024 11:45

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:180 Resp: 105280

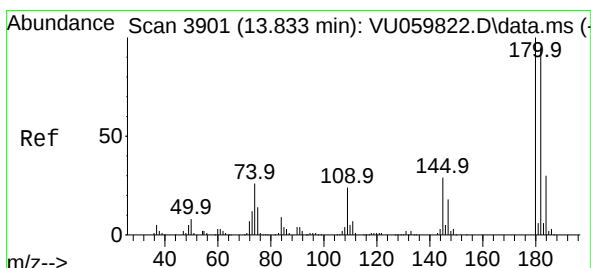
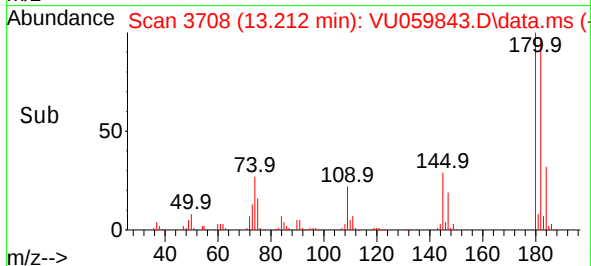
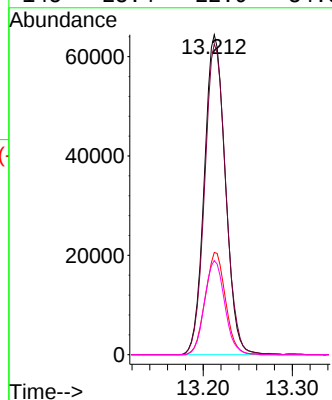
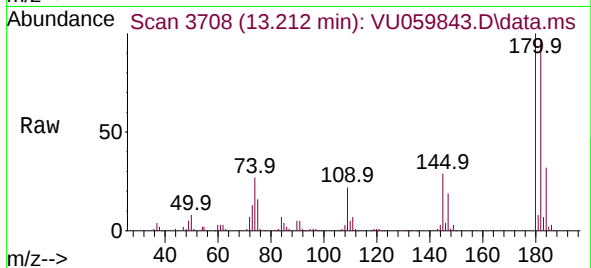
Ion Ratio Lower Upper

180 100

182 97.6 75.4 113.0

184 30.8 23.0 34.6

145 28.4 22.9 34.3



#70

1,2,4-trichlorobenzene

Concen: 5.525 ug/L

RT: 13.833 min Scan# 3901

Delta R.T. 0.000 min

Lab File: VU059843.D

Acq: 04 Jul 2024 11:45

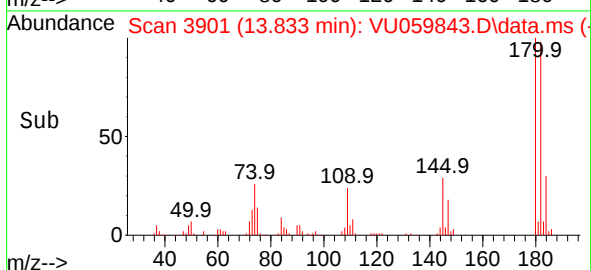
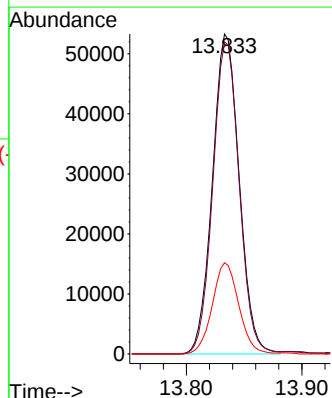
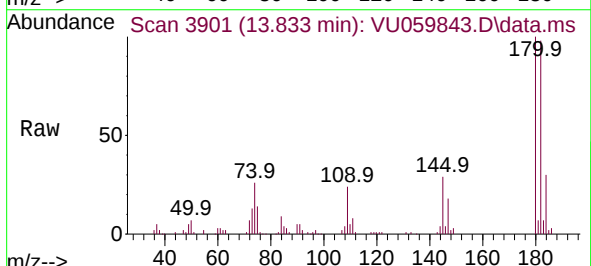
Tgt Ion:180 Resp: 85904

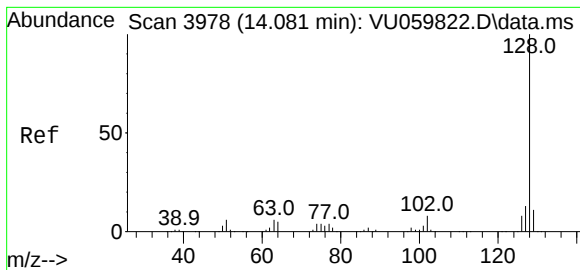
Ion Ratio Lower Upper

180 100

182 96.7 74.9 112.3

145 28.1 23.9 35.9

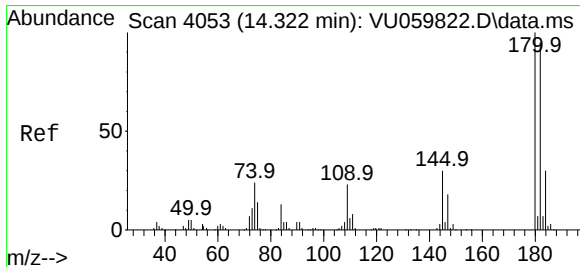
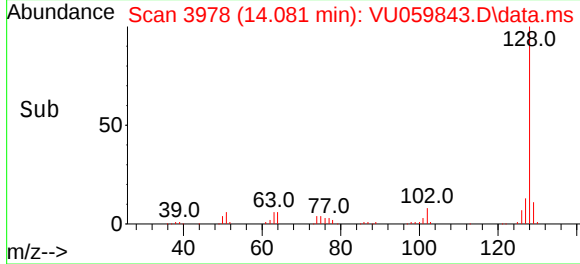
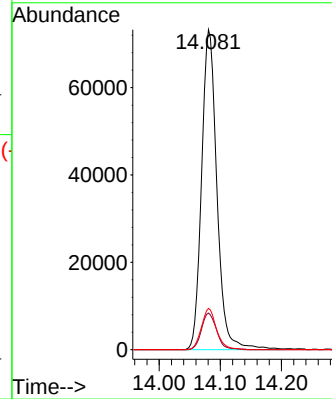
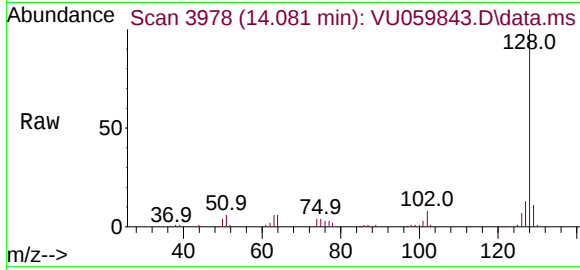




#71
Naphthalene
Concen: 5.741 ug/L
RT: 14.081 min Scan# 3978
Delta R.T. 0.000 min
Lab File: VU059843.D
Acq: 04 Jul 2024 11:45

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:128 Resp: 127753
Ion Ratio Lower Upper
128 100
129 11.3 8.2 12.4
127 12.6 10.2 15.4



#72
1,2,3-Trichlorobenzene
Concen: 5.558 ug/L
RT: 14.322 min Scan# 4053
Delta R.T. 0.000 min
Lab File: VU059843.D
Acq: 04 Jul 2024 11:45

Tgt Ion:180 Resp: 80241
Ion Ratio Lower Upper
180 100
182 94.3 77.0 115.6
145 30.9 26.2 39.4

