

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU020724\
 Data File : VU057833.D
 Acq On : 07 Feb 2024 11:01
 Operator : MD/SY
 Sample : VSTD200
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Feb 08 01:08:26 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM020724WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Feb 08 01:05:45 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	272888	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	261921	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	137214	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	454947	231.857	ug/L	0.00
7) Chloroethane-d5	1.904	69	309419	203.244	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.557	63	819239	204.127	ug/L	0.00
21) 2-Butanone-d5	4.611	46	535560	548.524	ug/L	0.00
24) Chloroform-d	5.052	84	791461	181.346	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.692	65	506783	177.558	ug/L	0.00
32) Benzene-d6	5.718	84	1581066	217.672	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.682	67	503574	238.754	ug/L	0.00
41) Toluene-d8	7.891	98	1452759	215.802	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.171	79	265749	221.844	ug/L	0.00
47) 2-Hexanone-d5	8.631	63	453654	625.592	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.753	84	682417	224.130	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.187	152	532911	196.952	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.383	85	490904	162.460	ug/L	100
3) Chloromethane	1.518	50	458903	224.272	ug/L	99
5) Vinyl chloride	1.602	62	490683	224.147	ug/L	98
6) Bromomethane	1.853	94	293995	204.141	ug/L	98
8) Chloroethane	1.923	64	265095	204.808	ug/L	100
9) Trichlorofluoromethane	2.123	101	675439	160.170	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.570	101	400865	189.328	ug/L	100
12) 1,1-Dichloroethene	2.570	96	369051	197.375	ug/L	100
13) Acetone	2.624	43	564041	464.277	ug/L	99
14) Carbon disulfide	2.782	76	1163731	200.919	ug/L	100
15) Methyl Acetate	2.939	43	409769	261.610	ug/L	100
16) Methylene chloride	3.033	84	418458	196.772	ug/L	99
17) trans-1,2-Dichloroethene	3.341	96	382546	200.665	ug/L	99
18) Methyl tert-butyl Ether	3.351	73	1347946	217.860	ug/L	99
19) 1,1-Dichloroethane	3.856	63	768175	213.901	ug/L	99
20) cis-1,2-Dichloroethene	4.656	96	439380	212.514	ug/L	99
22) 2-Butanone	4.692	43	677938	553.574	ug/L	97
23) Bromochloromethane	4.962	128	217568	188.437	ug/L	97
25) Chloroform	5.078	83	783013	185.725	ug/L	99
27) 1,2-Dichloroethane	5.782	62	643961	183.673	ug/L	99
29) Cyclohexane	5.380	56	697457	256.762	ug/L	98
30) 1,1,1-Trichloroethane	5.306	97	682533	172.138	ug/L	99
31) Carbon tetrachloride	5.515	117	600955	171.934	ug/L	100
33) Benzene	5.766	78	1673829	218.008	ug/L	100
34) Trichloroethene	6.534	95	453796	204.844	ug/L	99
35) Methylcyclohexane	6.756	83	729174	234.450	ug/L	99
37) 1,2-Dichloropropane	6.782	63	462899	238.211	ug/L	99
38) Bromodichloromethane	7.097	83	600850	194.383	ug/L	99
39) cis-1,3-Dichloropropene	7.598	75	787362	236.471	ug/L	99
40) 4-Methyl-2-pentanone	7.785	43	1216169	584.991	ug/L	99
42) Toluene	7.962	91	1781096	217.759	ug/L	99
44) trans-1,3-Dichloropropene	8.203	75	741302	226.508	ug/L	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU020724\
 Data File : VU057833.D
 Acq On : 07 Feb 2024 11:01
 Operator : MD/SY
 Sample : VSTD200
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

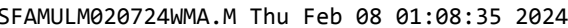
Instrument :
 MSVOA_U
 ClientSampleId :

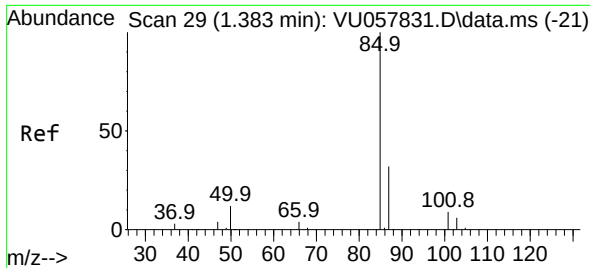
Quant Time: Feb 08 01:08:26 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM020724WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Feb 08 01:05:45 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	8.393	97	427120	208.095	ug/L	99
46) Tetrachloroethene	8.547	164	309112	188.326	ug/L	96
48) 2-Hexanone	8.682	43	1020917	597.638	ug/L	97
49) Dibromochloromethane	8.804	129	461064	190.612	ug/L	100
50) 1,2-Dibromoethane	8.917	107	467113	214.248	ug/L	98
51) Chlorobenzene	9.441	112	1133051	207.796	ug/L	98
52) Ethylbenzene	9.563	91	2038956	223.404	ug/L	99
53) m,p-Xylene	9.688	106	755776	221.564	ug/L	97
54) o-Xylene	10.094	106	745784	224.515	ug/L	99
55) Styrene	10.106	104	1297177	231.668	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.775	83	714671	226.953	ug/L	100
59) Bromoform	10.286	173	353774	182.743	ug/L	98
60) 1,2,3-Trichloropropane	10.817	75	570022	212.820	ug/L	100
61) Isopropylbenzene	10.476	105	2033605	220.326	ug/L	100
62) 1,3,5-Trimethylbenzene	11.081	105	1758782	223.017	ug/L	100
63) 1,2,4-Trimethylbenzene	11.460	105	1773128	229.166	ug/L	99
64) 1,3-Dichlorobenzene	11.740	146	889920	206.746	ug/L	98
65) 1,4-Dichlorobenzene	11.830	146	898877	203.094	ug/L	98
67) 1,2-Dichlorobenzene	12.206	146	879438	202.786	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.991	75	161026	225.078	ug/L	87
69) 1,3,5-Trichlorobenzene	13.212	180	641321	207.262	ug/L	99
70) 1,2,4-trichlorobenzene	13.833	180	572931	238.067	ug/L	99
71) Naphthalene	14.081	128	1687105	292.464	ug/L	100
72) 1,2,3-Trichlorobenzene	14.322	180	540828	240.235	ug/L	100

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

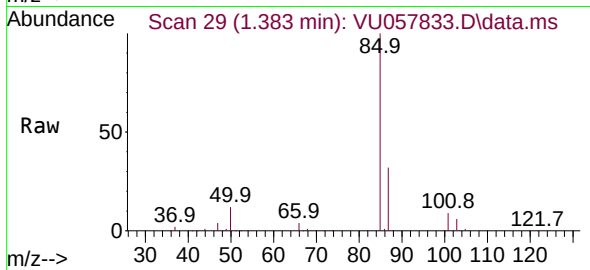
Quant Time: Feb 08 01:08:26 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM020724WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Feb 08 01:05:45 2024
Response via : Initial Calibration



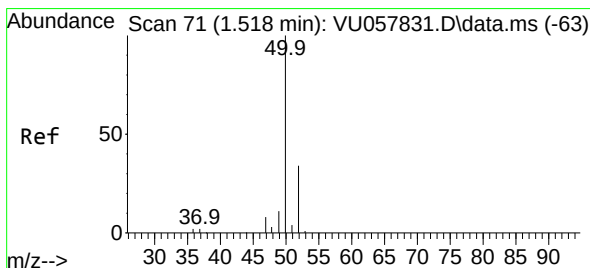
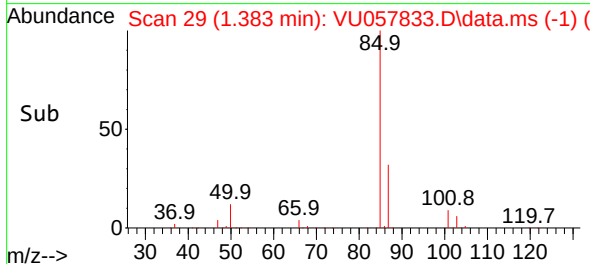
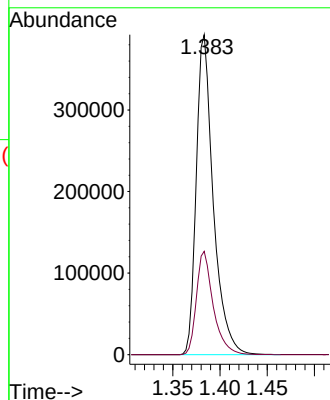


#2
Dichlorodifluoromethane
Concen: 162.460 ug/L
RT: 1.383 min Scan# 29
Delta R.T. -0.000 min
Lab File: VU057833.D
Acq: 07 Feb 2024 11:01

Instrument :
MSVOA_U
ClientSampleId :

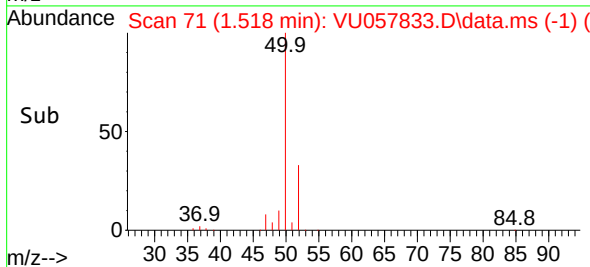
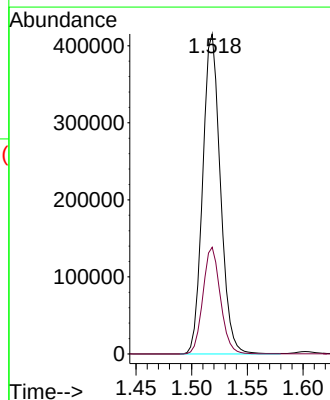
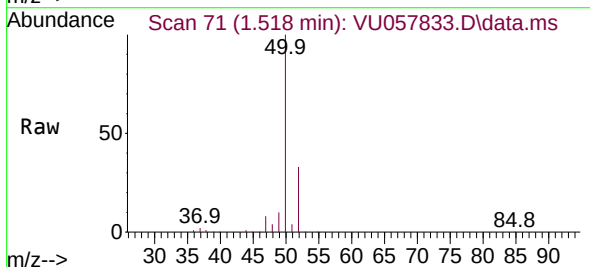


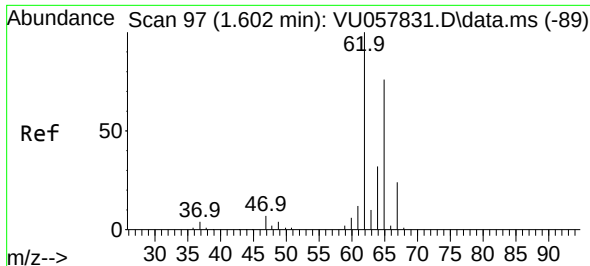
Tgt Ion: 85 Resp: 490904
Ion Ratio Lower Upper
85 100
87 31.9 25.4 38.0



#3
Chloromethane
Concen: 224.272 ug/L
RT: 1.518 min Scan# 71
Delta R.T. -0.000 min
Lab File: VU057833.D
Acq: 07 Feb 2024 11:01

Tgt Ion: 50 Resp: 458903
Ion Ratio Lower Upper
50 100
52 33.4 23.7 43.9

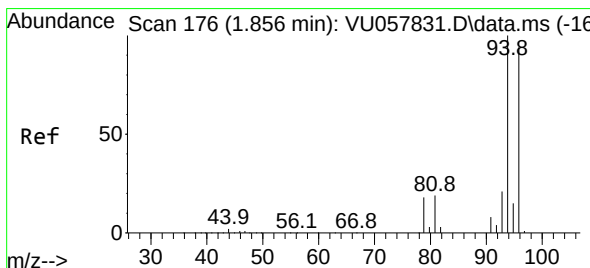
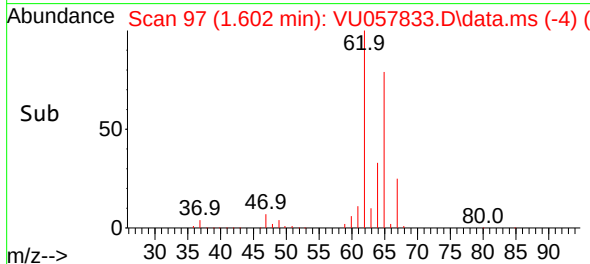
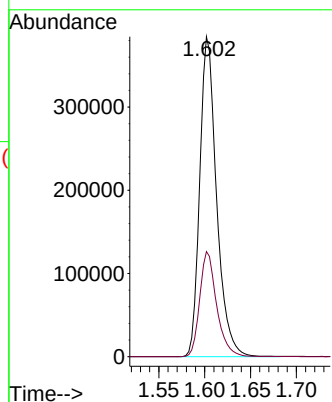
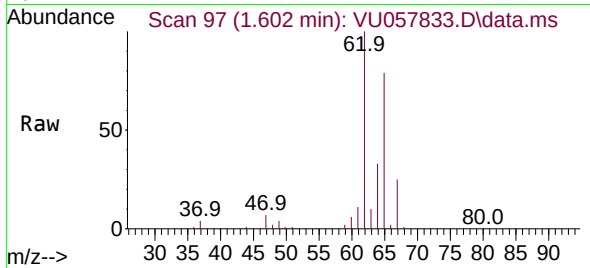




#5
 Vinyl chloride
 Concen: 224.147 ug/L
 RT: 1.602 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VU057833.D
 Acq: 07 Feb 2024 11:01

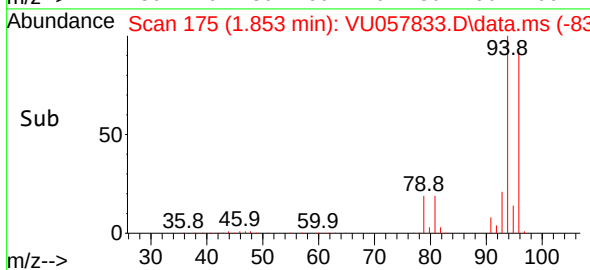
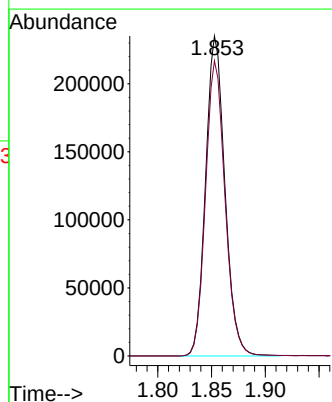
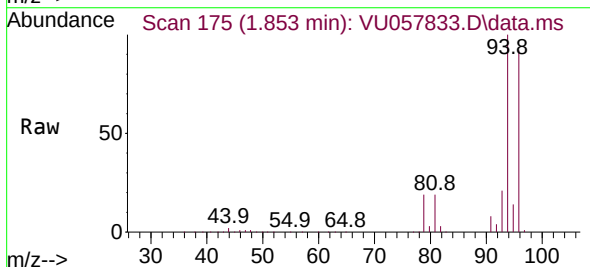
Instrument :
 MSVOA_U
 ClientSampleId :

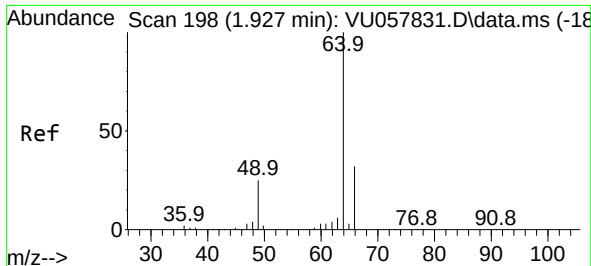
Tgt Ion: 62 Resp: 490683
 Ion Ratio Lower Upper
 62 100
 64 32.8 22.1 41.1



#6
 Bromomethane
 Concen: 204.141 ug/L
 RT: 1.853 min Scan# 175
 Delta R.T. -0.003 min
 Lab File: VU057833.D
 Acq: 07 Feb 2024 11:01

Tgt Ion: 94 Resp: 293995
 Ion Ratio Lower Upper
 94 100
 96 92.3 66.0 122.6

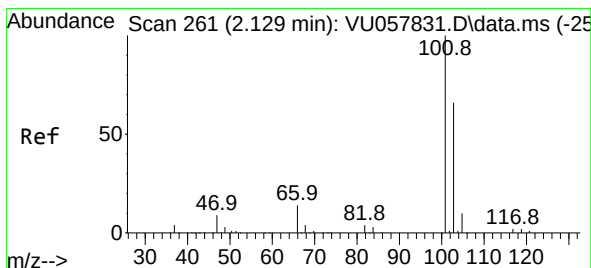
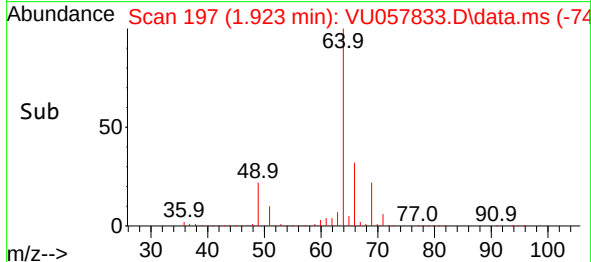
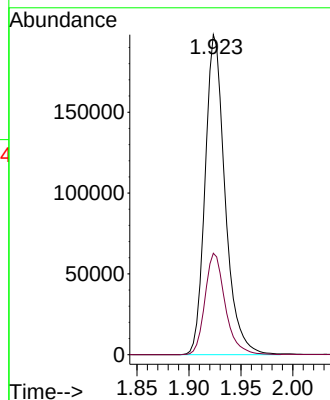
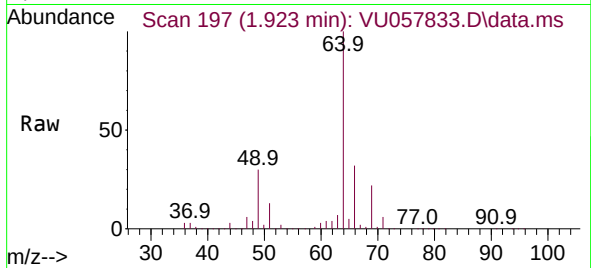




#8
Chloroethane
Concen: 204.808 ug/L
RT: 1.923 min Scan# 198
Delta R.T. -0.003 min
Lab File: VU057833.D
Acq: 07 Feb 2024 11:01

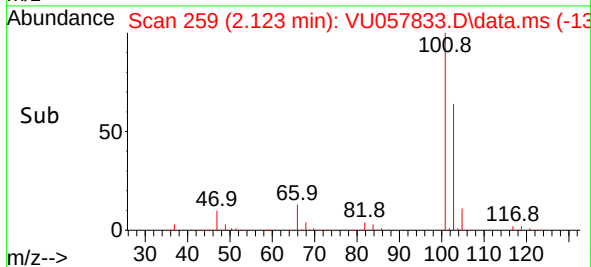
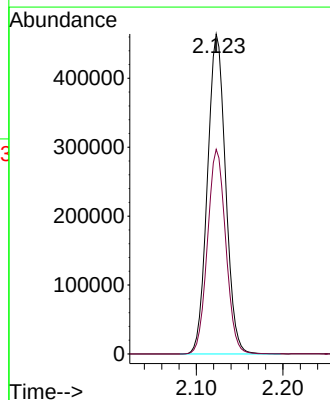
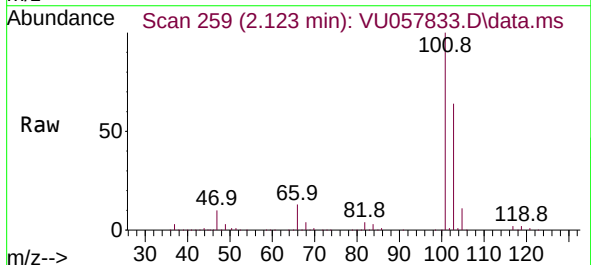
Instrument :
MSVOA_U
ClientSampleId :

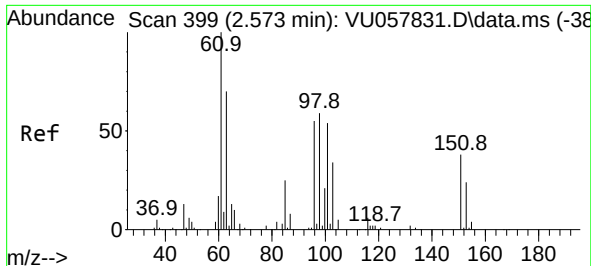
Tgt Ion: 64 Resp: 265095
Ion Ratio Lower Upper
64 100
66 31.7 22.1 41.1



#9
Trichlorofluoromethane
Concen: 160.170 ug/L
RT: 2.123 min Scan# 259
Delta R.T. -0.007 min
Lab File: VU057833.D
Acq: 07 Feb 2024 11:01

Tgt Ion:101 Resp: 675439
Ion Ratio Lower Upper
101 100
103 64.4 52.4 78.6

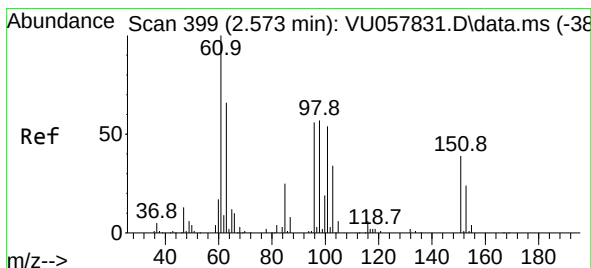
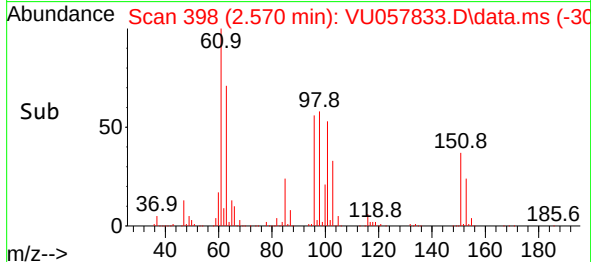
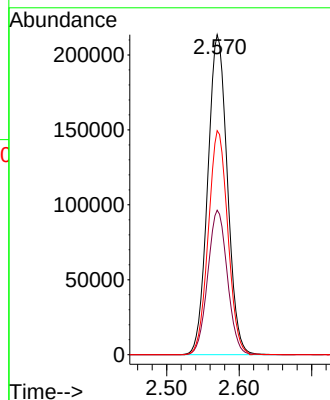
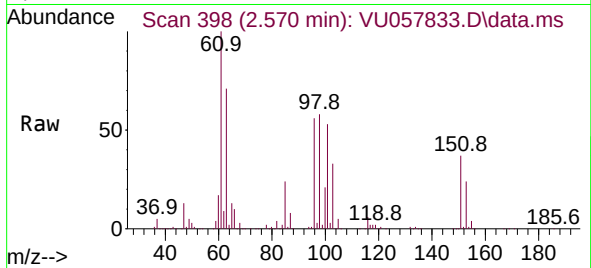




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 189.328 ug/L
RT: 2.570 min Scan# 398
Delta R.T. -0.003 min
Lab File: VU057833.D
Acq: 07 Feb 2024 11:01

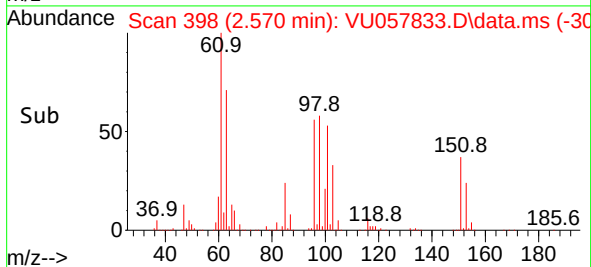
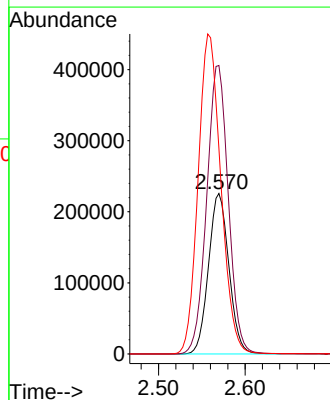
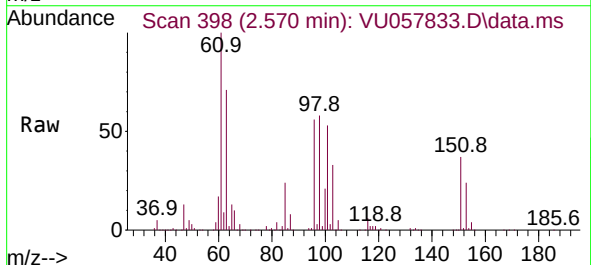
Instrument :
MSVOA_U
ClientSampleId :

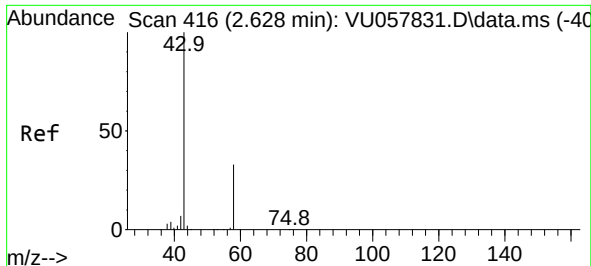
Tgt Ion:101 Resp: 400865
Ion Ratio Lower Upper
101 100
85 45.1 36.1 54.1
151 69.5 55.8 83.6



#12
1,1-Dichloroethene
Concen: 197.375 ug/L
RT: 2.570 min Scan# 398
Delta R.T. -0.003 min
Lab File: VU057833.D
Acq: 07 Feb 2024 11:01

Tgt Ion: 96 Resp: 369051
Ion Ratio Lower Upper
96 100
61 179.8 126.3 234.6
63 127.9 89.7 166.7





#13

Acetone

Concen: 464.277 ug/L

RT: 2.624 min Scan# 41

Delta R.T. -0.003 min

Lab File: VU057833.D

Acq: 07 Feb 2024 11:01

Instrument :

MSVOA_U

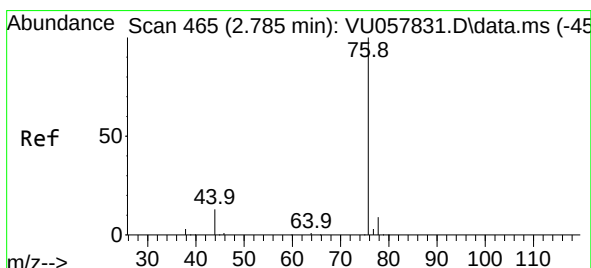
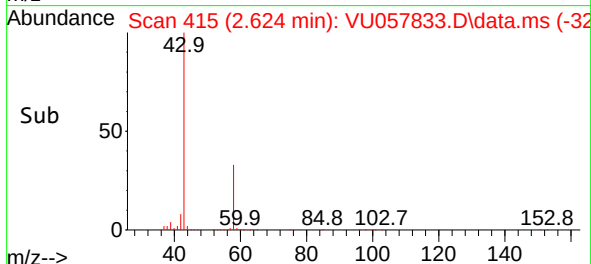
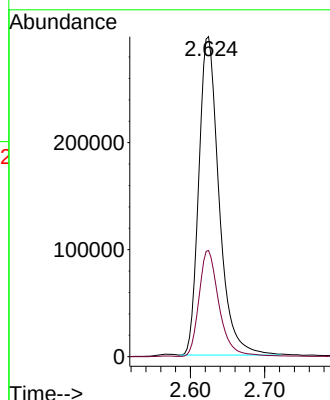
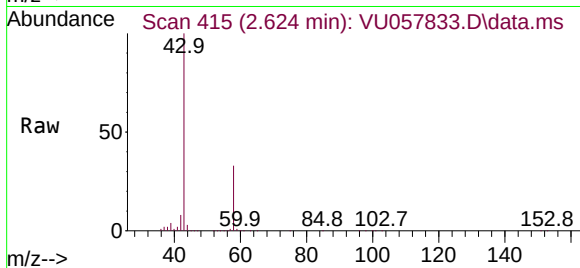
ClientSampleId :

Tgt Ion: 43 Resp: 564041

Ion Ratio Lower Upper

43 100

58 33.2 0.0 65.8



#14

Carbon disulfide

Concen: 200.919 ug/L

RT: 2.782 min Scan# 464

Delta R.T. -0.003 min

Lab File: VU057833.D

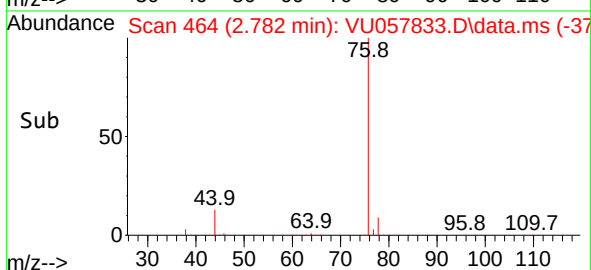
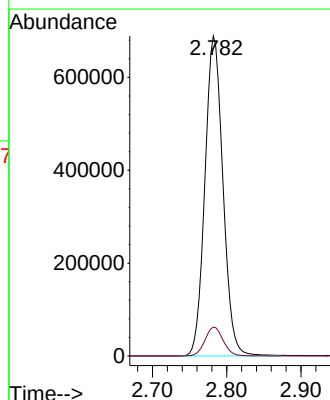
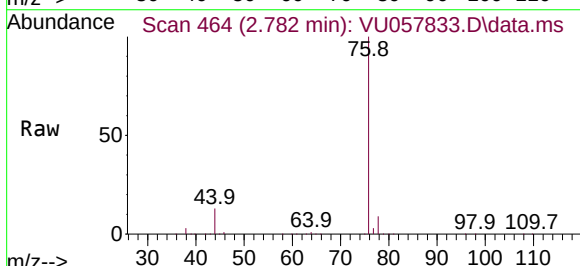
Acq: 07 Feb 2024 11:01

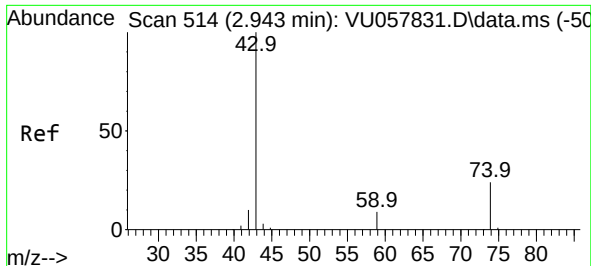
Tgt Ion: 76 Resp: 1163731

Ion Ratio Lower Upper

76 100

78 9.0 7.2 10.8

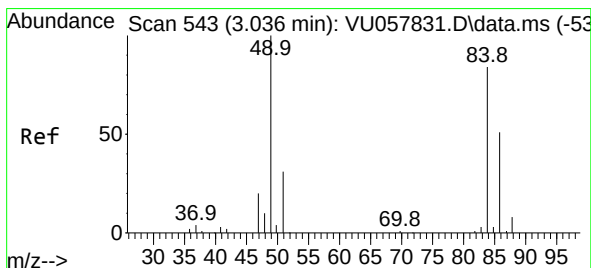
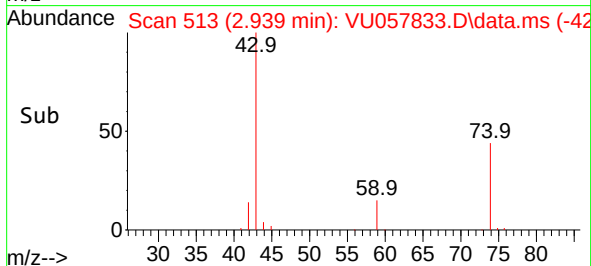
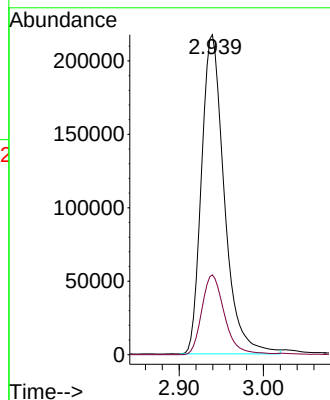
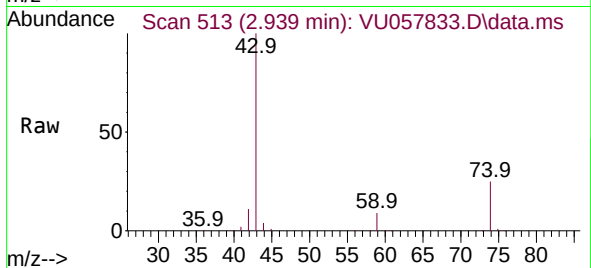




#15
Methyl Acetate
Concen: 261.610 ug/L
RT: 2.939 min Scan# 51
Delta R.T. -0.003 min
Lab File: VU057833.D
Acq: 07 Feb 2024 11:01

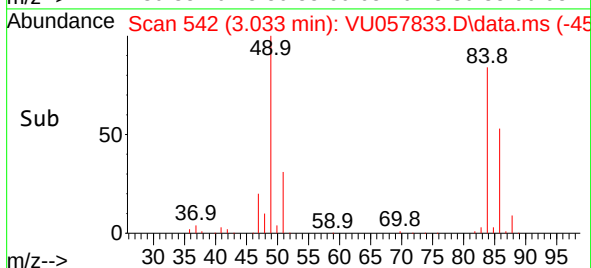
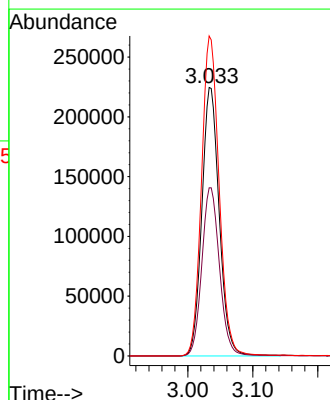
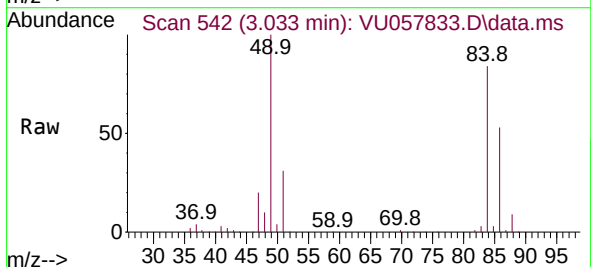
Instrument :
MSVOA_U
ClientSampleId :

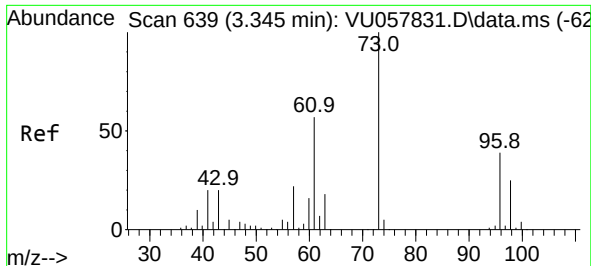
Tgt Ion: 43 Resp: 409769
Ion Ratio Lower Upper
43 100
74 24.8 19.7 29.5



#16
Methylene chloride
Concen: 196.772 ug/L
RT: 3.033 min Scan# 542
Delta R.T. -0.003 min
Lab File: VU057833.D
Acq: 07 Feb 2024 11:01

Tgt Ion: 84 Resp: 418458
Ion Ratio Lower Upper
84 100
86 62.6 43.0 80.0
49 119.2 83.7 155.4

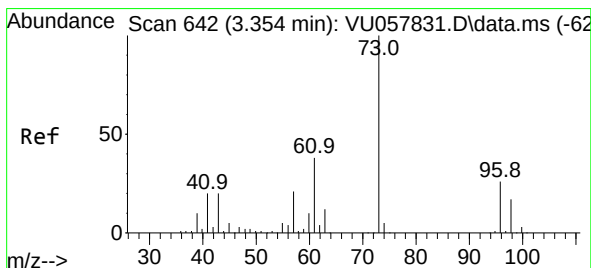
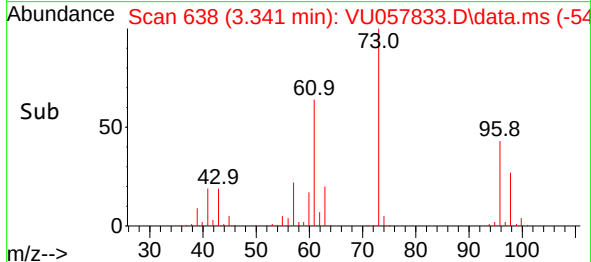
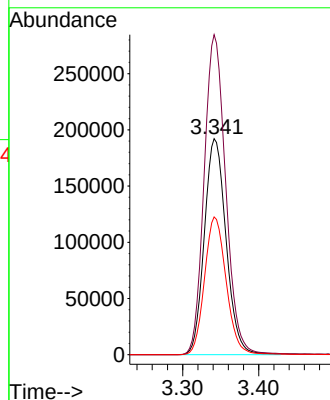
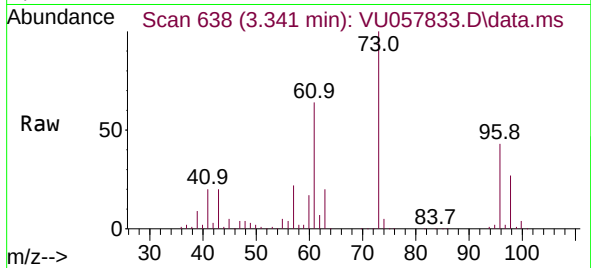




#17
trans-1,2-Dichloroethene
Concen: 200.665 ug/L
RT: 3.341 min Scan# 61
Delta R.T. -0.003 min
Lab File: VU057833.D
Acq: 07 Feb 2024 11:01

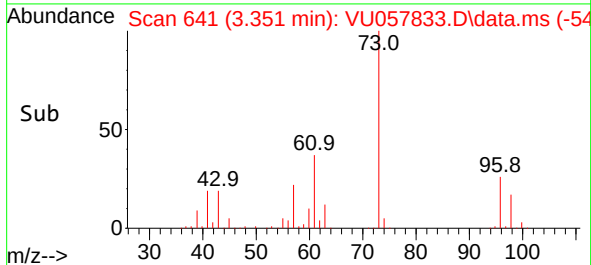
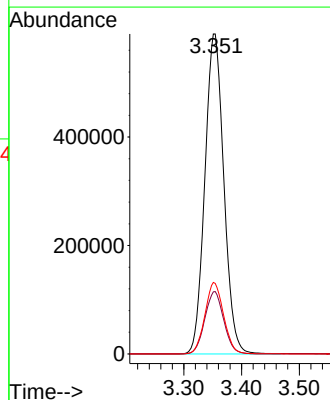
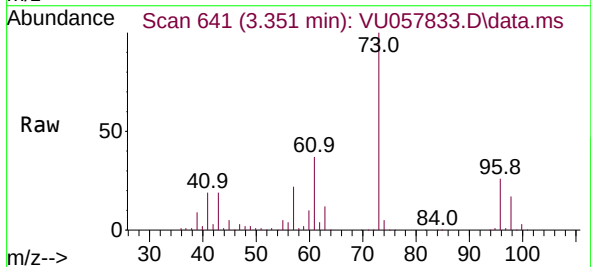
Instrument :
MSVOA_U
ClientSampleId :

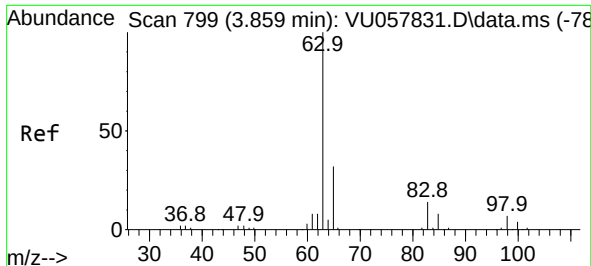
Tgt Ion: 96 Resp: 382546
Ion Ratio Lower Upper
96 100
61 148.2 102.8 190.8
98 63.8 44.2 82.2



#18
Methyl tert-butyl Ether
Concen: 217.860 ug/L
RT: 3.351 min Scan# 641
Delta R.T. -0.003 min
Lab File: VU057833.D
Acq: 07 Feb 2024 11:01

Tgt Ion: 73 Resp: 1347946
Ion Ratio Lower Upper
73 100
43 19.4 16.2 24.2
57 22.0 17.6 26.4





#19

1,1-Dichloroethane

Concen: 213.901 ug/L

RT: 3.856 min Scan# 799

Delta R.T. -0.003 min

Lab File: VU057833.D

Acq: 07 Feb 2024 11:01

Instrument :

MSVOA_U

ClientSampleId :

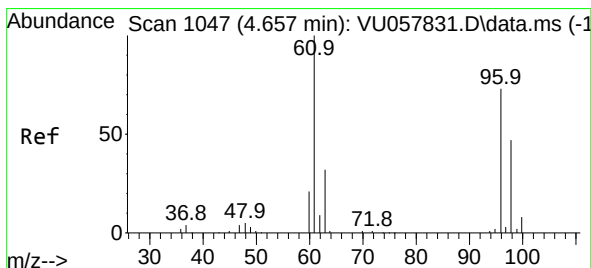
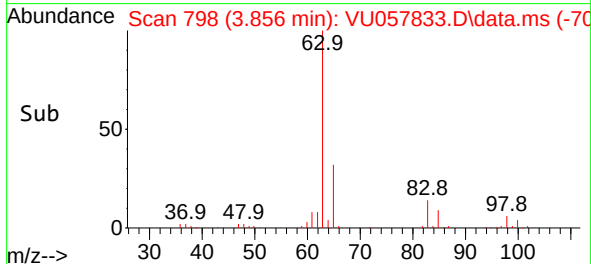
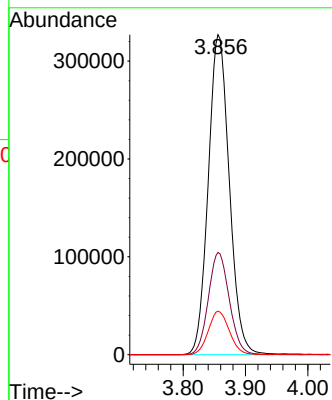
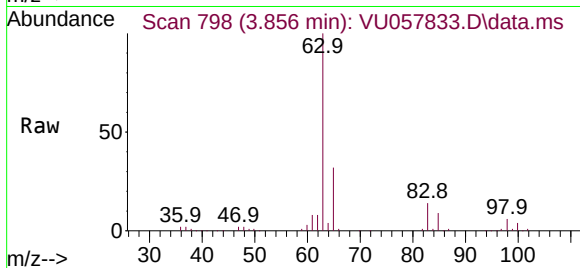
Tgt Ion: 63 Resp: 768175

Ion Ratio Lower Upper

63 100

65 31.9 22.7 42.3

83 13.6 9.5 17.7



#20

cis-1,2-Dichloroethene

Concen: 212.514 ug/L

RT: 4.656 min Scan# 1047

Delta R.T. -0.000 min

Lab File: VU057833.D

Acq: 07 Feb 2024 11:01

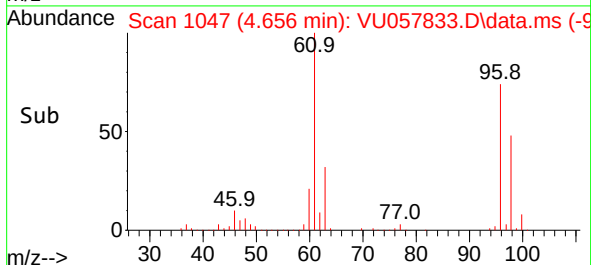
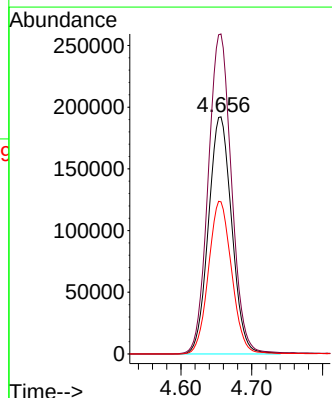
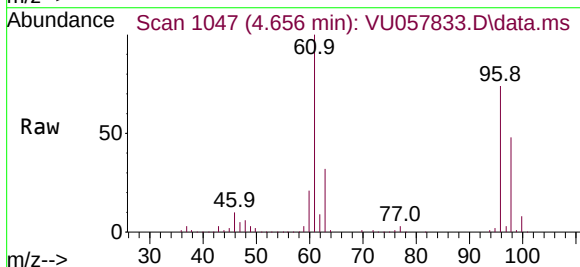
Tgt Ion: 96 Resp: 439380

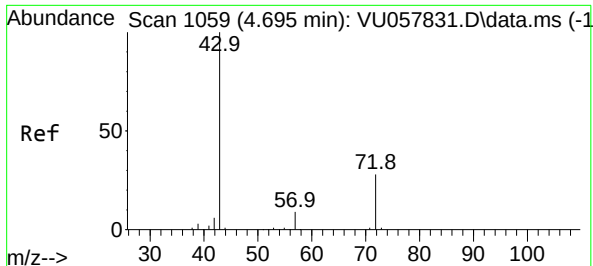
Ion Ratio Lower Upper

96 100

61 135.0 95.7 177.7

98 64.2 45.2 84.0





#22

2-Butanone

Concen: 553.574 ug/L

RT: 4.692 min Scan# 1105

Delta R.T. -0.003 min

Lab File: VU057833.D

Acq: 07 Feb 2024 11:01

Instrument :

MSVOA_U

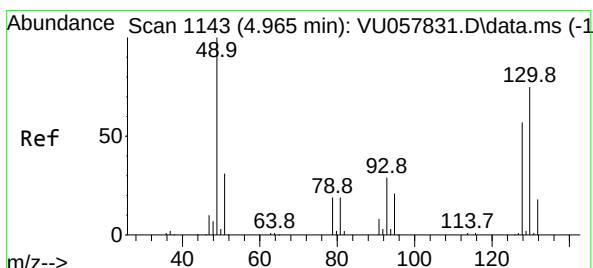
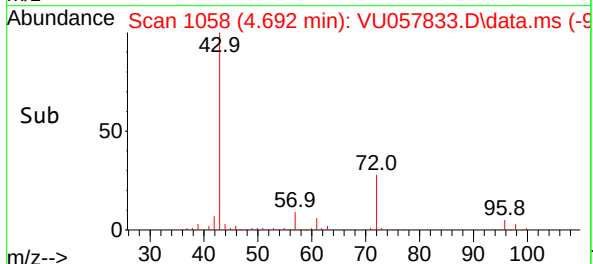
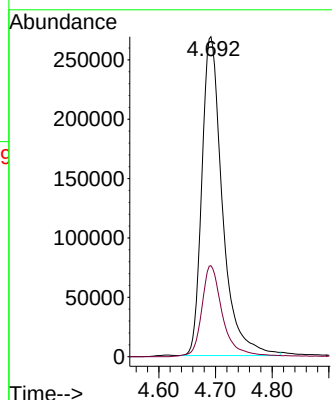
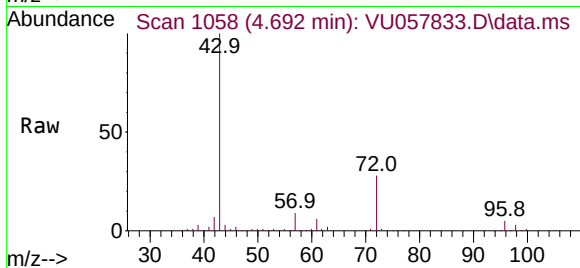
ClientSampleId :

Tgt Ion: 43 Resp: 677938

Ion Ratio Lower Upper

43 100

72 29.0 13.8 41.3



#23

Bromochloromethane

Concen: 188.437 ug/L

RT: 4.962 min Scan# 1142

Delta R.T. -0.003 min

Lab File: VU057833.D

Acq: 07 Feb 2024 11:01

Tgt Ion:128 Resp: 217568

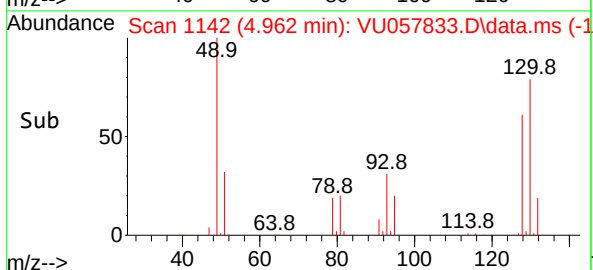
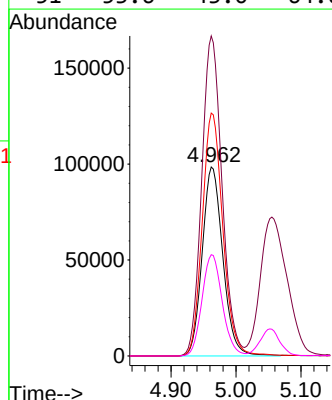
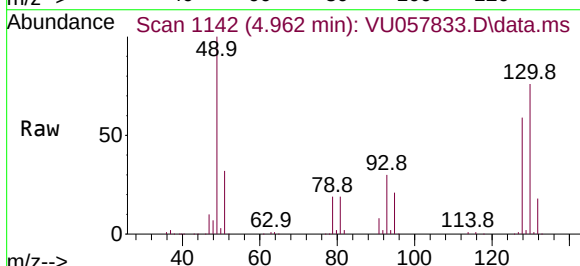
Ion Ratio Lower Upper

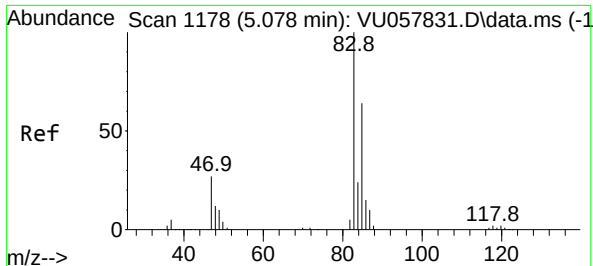
128 100

49 169.3 122.4 227.2

130 128.5 91.8 170.4

51 53.6 43.0 64.6

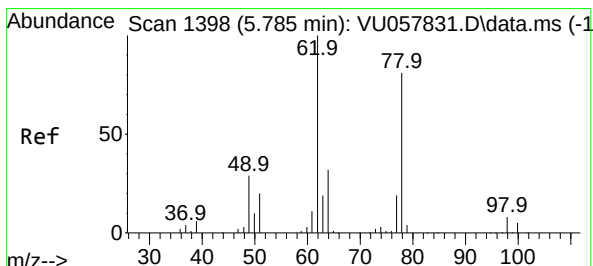
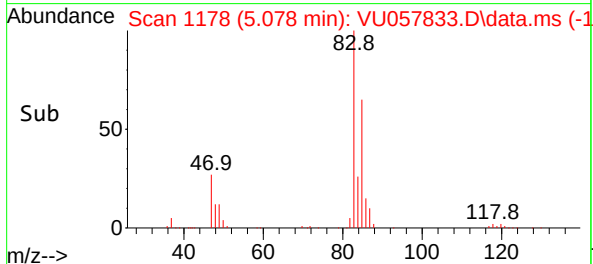
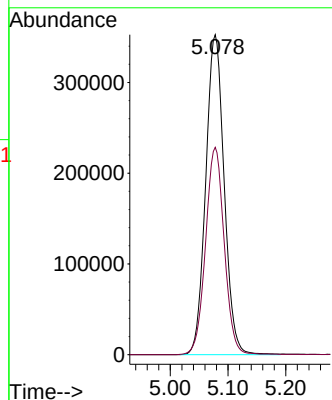
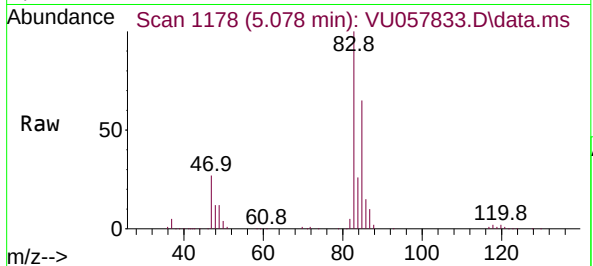




#25
Chloroform
Concen: 185.725 ug/L
RT: 5.078 min Scan# 1178
Delta R.T. -0.000 min
Lab File: VU057833.D
Acq: 07 Feb 2024 11:01

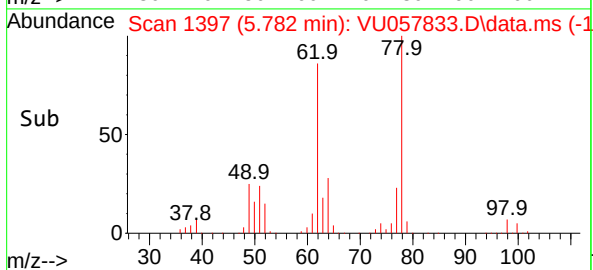
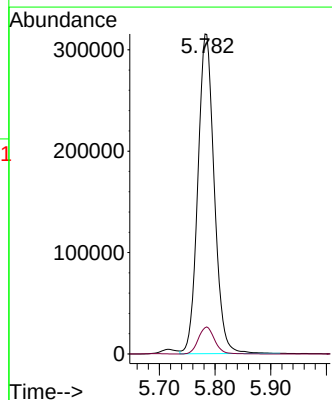
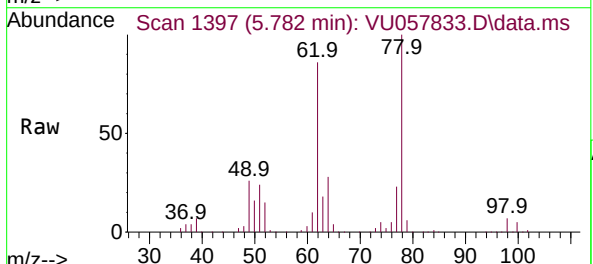
Instrument :
MSVOA_U
ClientSampleId :

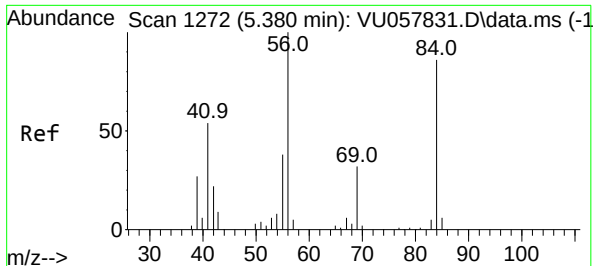
Tgt Ion: 83 Resp: 783013
Ion Ratio Lower Upper
83 100
85 64.8 45.0 83.6



#27
1,2-Dichloroethane
Concen: 183.673 ug/L
RT: 5.782 min Scan# 1397
Delta R.T. -0.003 min
Lab File: VU057833.D
Acq: 07 Feb 2024 11:01

Tgt Ion: 62 Resp: 643961
Ion Ratio Lower Upper
62 100
98 8.2 6.7 10.1





#29

Cyclohexane

Concen: 256.762 ug/L

RT: 5.380 min Scan# 1272

Delta R.T. -0.000 min

Lab File: VU057833.D

Acq: 07 Feb 2024 11:01

Instrument :

MSVOA_U

ClientSampleId :

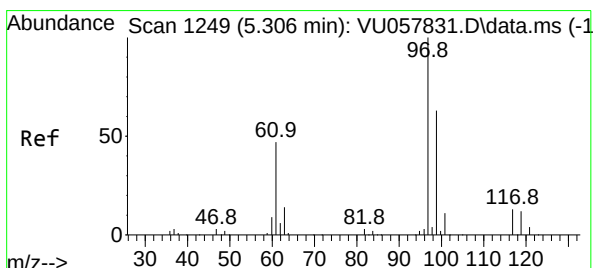
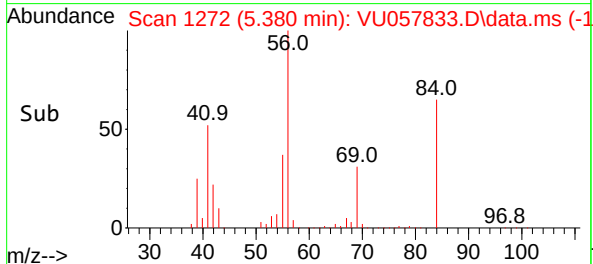
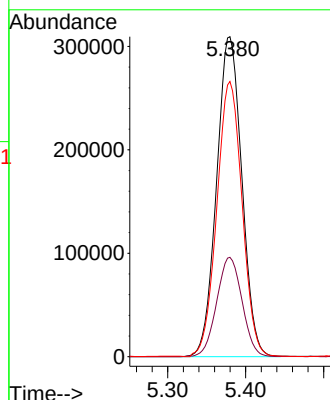
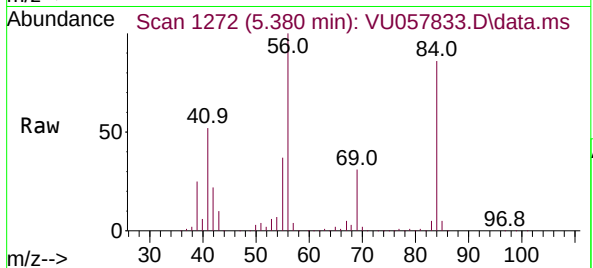
Tgt Ion: 56 Resp: 697457

Ion Ratio Lower Upper

56 100

69 31.1 25.4 38.0

84 86.0 70.4 105.6



#30

1,1,1-Trichloroethane

Concen: 172.138 ug/L

RT: 5.306 min Scan# 1249

Delta R.T. -0.000 min

Lab File: VU057833.D

Acq: 07 Feb 2024 11:01

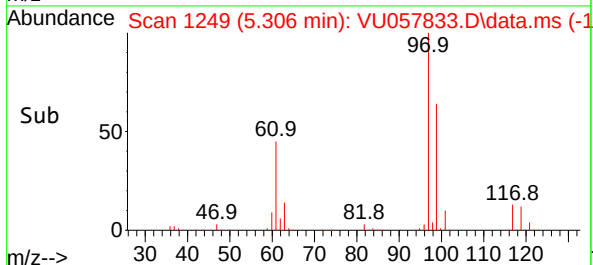
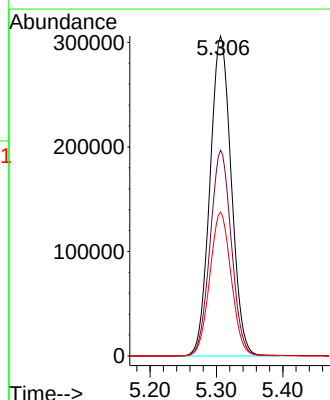
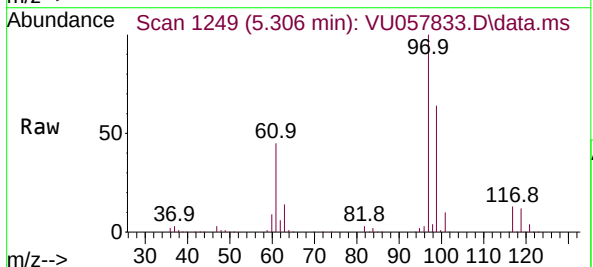
Tgt Ion: 97 Resp: 682533

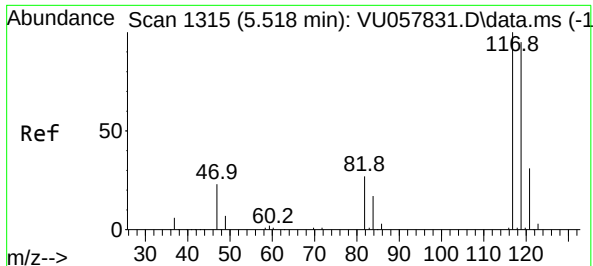
Ion Ratio Lower Upper

97 100

99 64.2 51.5 77.3

61 45.3 36.7 55.1

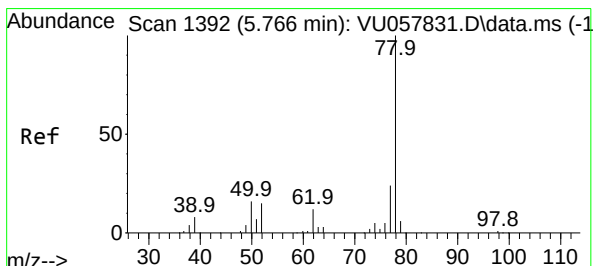
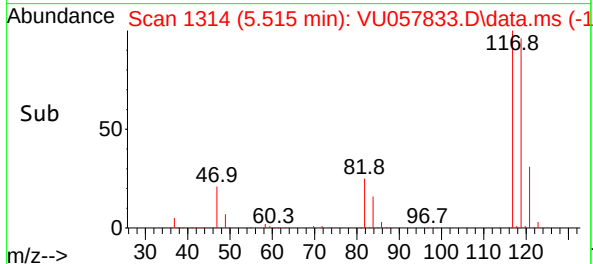
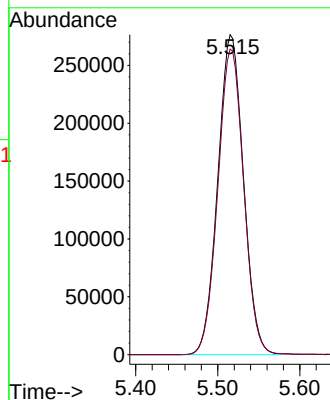
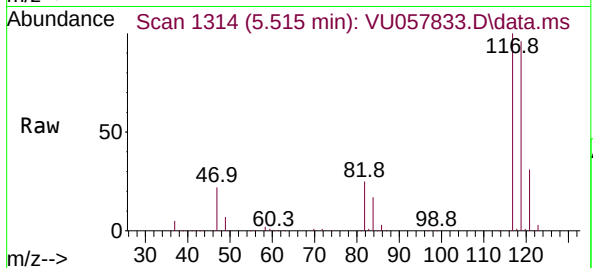




#31
Carbon tetrachloride
Concen: 171.934 ug/L
RT: 5.515 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU057833.D
Acq: 07 Feb 2024 11:01

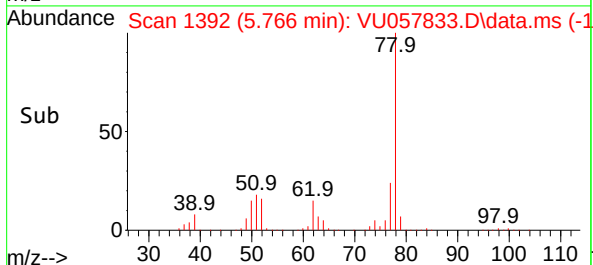
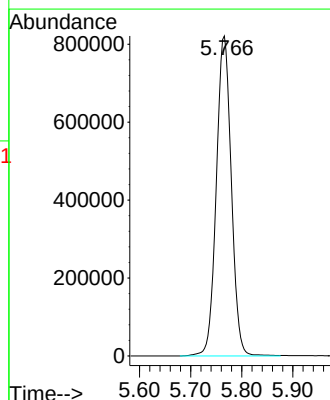
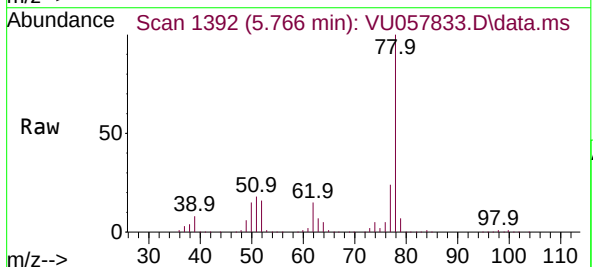
Instrument :
MSVOA_U
ClientSampleId :

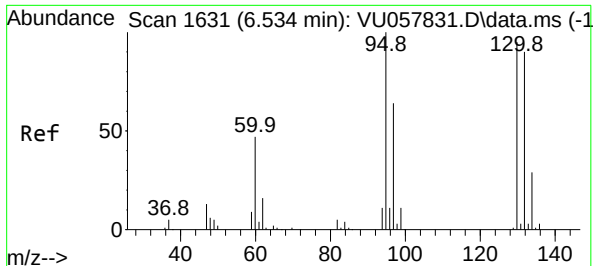
Tgt Ion:117 Resp: 600955
Ion Ratio Lower Upper
117 100
119 96.1 76.7 115.1



#33
Benzene
Concen: 218.008 ug/L
RT: 5.766 min Scan# 1392
Delta R.T. -0.000 min
Lab File: VU057833.D
Acq: 07 Feb 2024 11:01

Tgt Ion: 78 Resp: 1673829

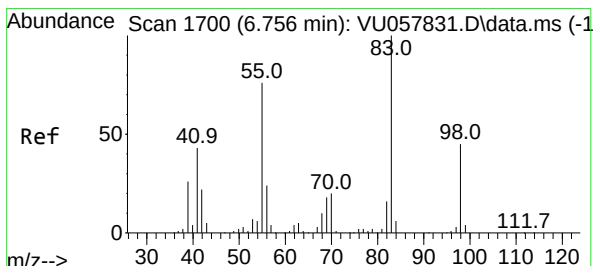
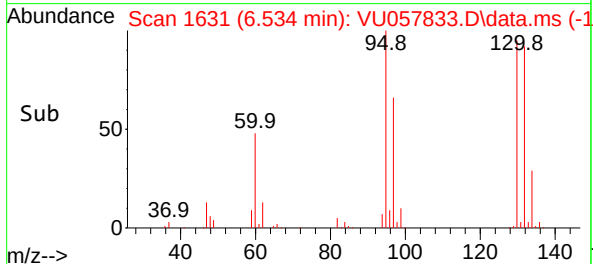
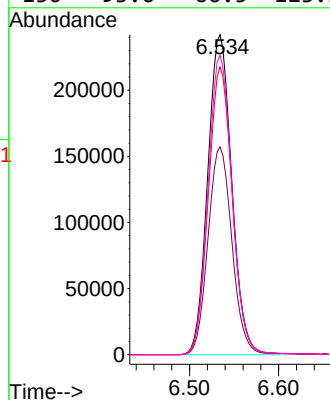
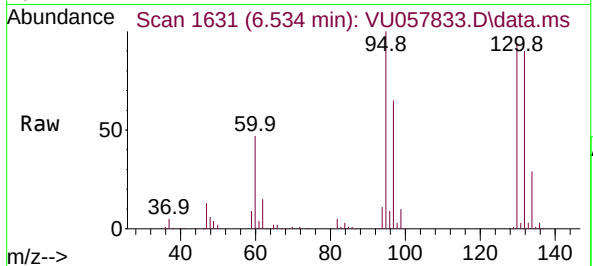




#34
Trichloroethene
Concen: 204.844 ug/L
RT: 6.534 min Scan# 1
Delta R.T. -0.000 min
Lab File: VU057833.D
Acq: 07 Feb 2024 11:01

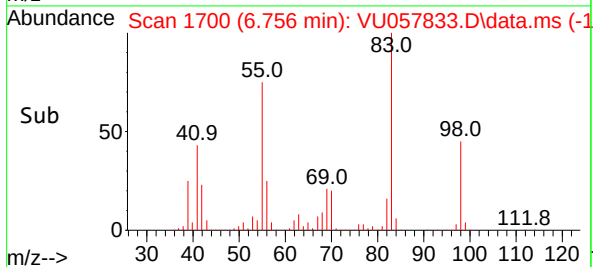
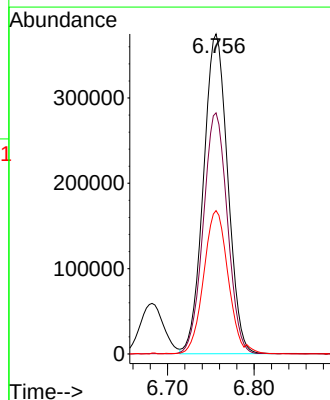
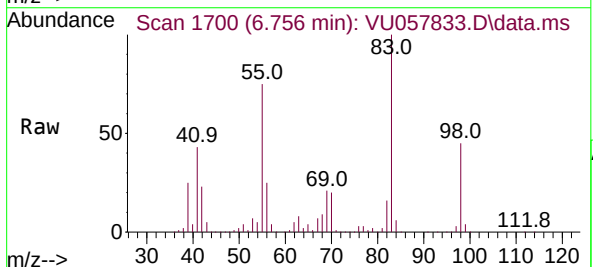
Instrument :
MSVOA_U
ClientSampleId :

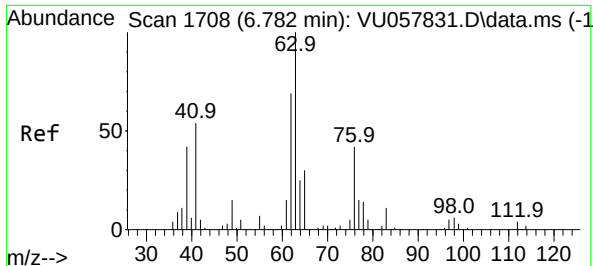
Tgt Ion: 95 Resp: 453796
Ion Ratio Lower Upper
95 100
97 64.9 44.9 83.5
132 89.9 63.1 117.1
130 93.6 66.5 123.5



#35
Methylcyclohexane
Concen: 234.450 ug/L
RT: 6.756 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VU057833.D
Acq: 07 Feb 2024 11:01

Tgt Ion: 83 Resp: 729174
Ion Ratio Lower Upper
83 100
55 75.0 59.9 89.9
98 44.1 36.8 55.2





#37

1,2-Dichloropropane

Concen: 238.211 ug/L

RT: 6.782 min Scan# 11

Delta R.T. -0.000 min

Lab File: VU057833.D

Acq: 07 Feb 2024 11:01

Instrument :

MSVOA_U

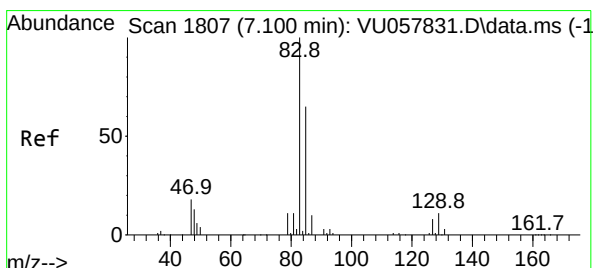
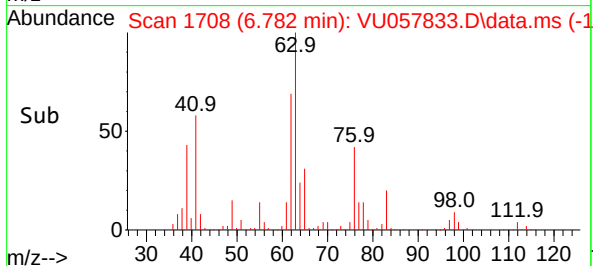
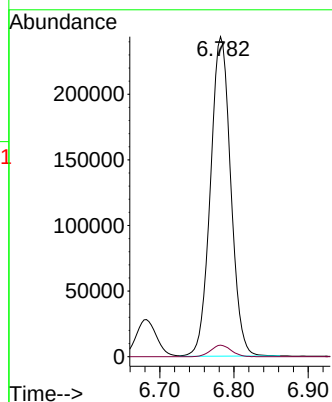
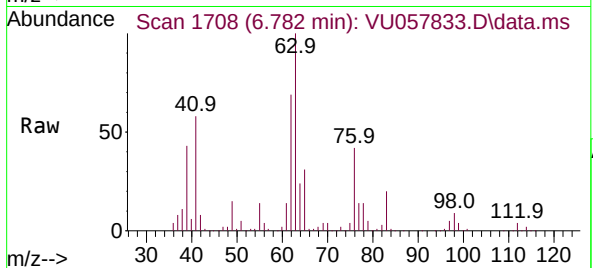
ClientSampleId :

Tgt Ion: 63 Resp: 462899

Ion Ratio Lower Upper

63 100

112 3.6 3.0 4.6



#38

Bromodichloromethane

Concen: 194.383 ug/L

RT: 7.097 min Scan# 1806

Delta R.T. -0.003 min

Lab File: VU057833.D

Acq: 07 Feb 2024 11:01

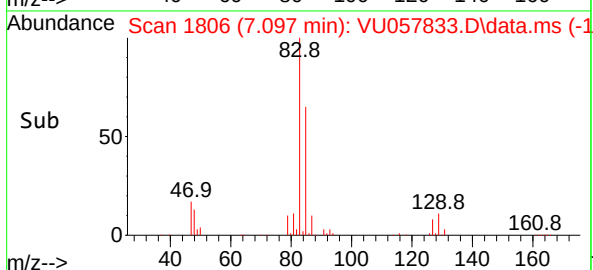
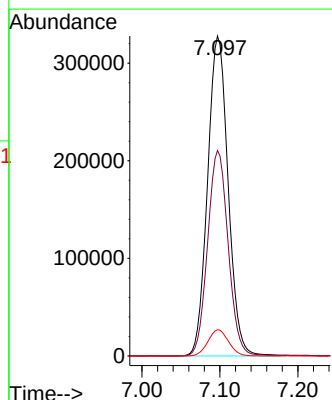
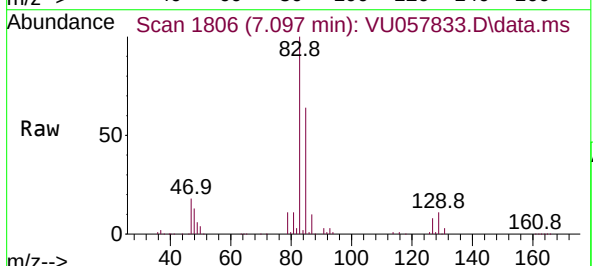
Tgt Ion: 83 Resp: 600850

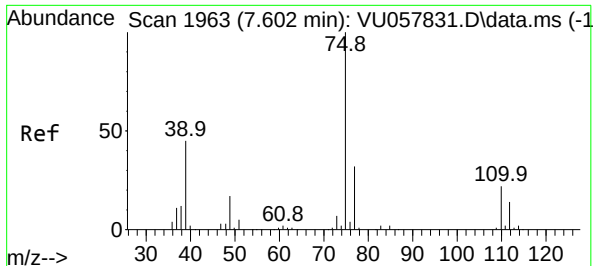
Ion Ratio Lower Upper

83 100

85 64.2 45.6 84.6

127 8.2 7.2 10.8





#39

cis-1,3-Dichloropropene

Concen: 236.471 ug/L

RT: 7.598 min Scan# 1962

Delta R.T. -0.003 min

Lab File: VU057833.D

Acq: 07 Feb 2024 11:01

Instrument :

MSVOA_U

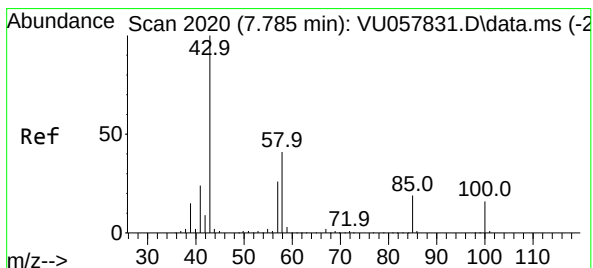
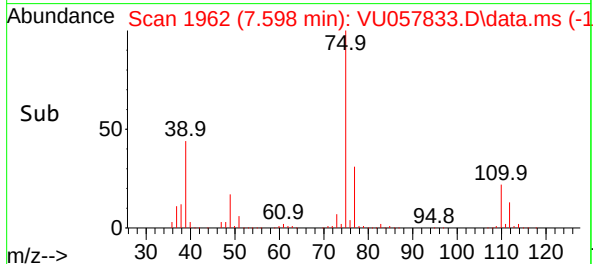
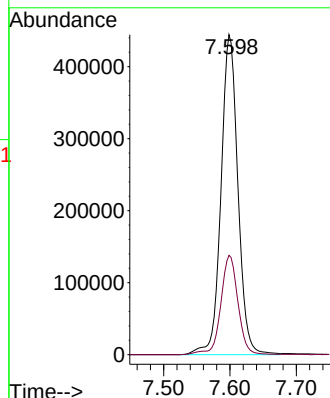
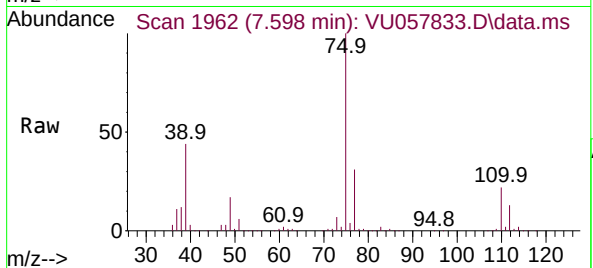
ClientSampleId :

Tgt Ion: 75 Resp: 787362

Ion Ratio Lower Upper

75 100

77 31.0 22.1 41.1



#40

4-Methyl-2-pentanone

Concen: 584.991 ug/L

RT: 7.785 min Scan# 2020

Delta R.T. -0.000 min

Lab File: VU057833.D

Acq: 07 Feb 2024 11:01

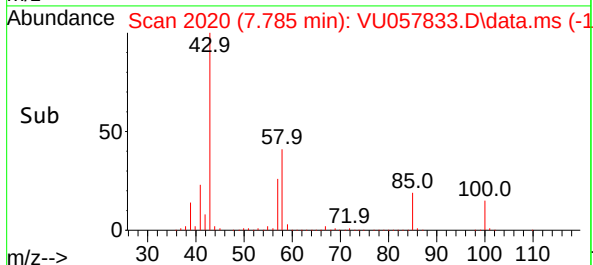
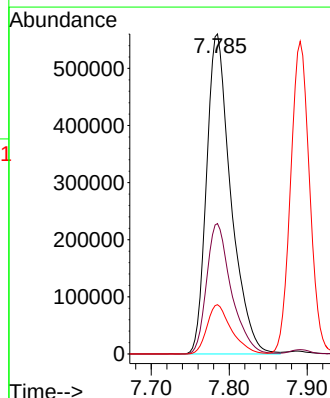
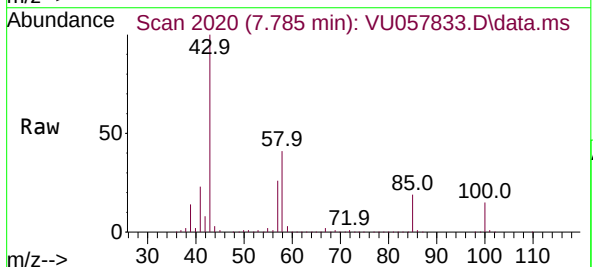
Tgt Ion: 43 Resp: 1216169

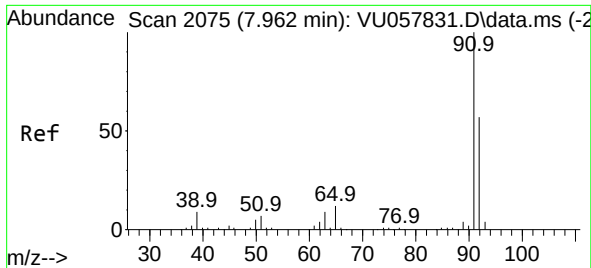
Ion Ratio Lower Upper

43 100

58 41.3 32.5 48.7

100 15.4 12.2 18.4





#42

Toluene

Concen: 217.759 ug/L

RT: 7.962 min Scan# 2075

Delta R.T. -0.000 min

Lab File: VU057833.D

Acq: 07 Feb 2024 11:01

Instrument :

MSVOA_U

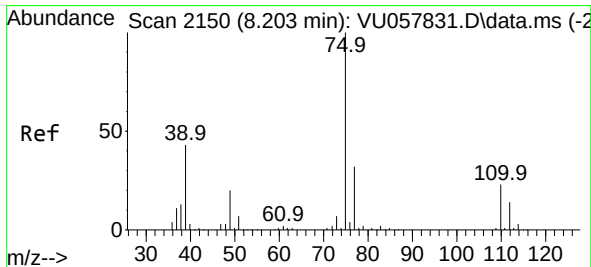
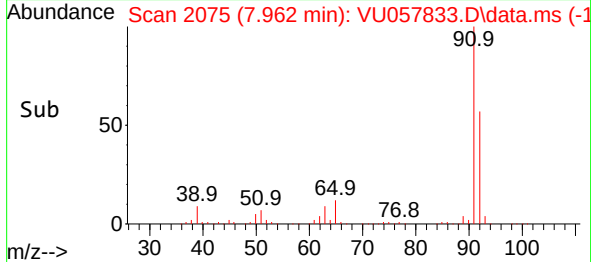
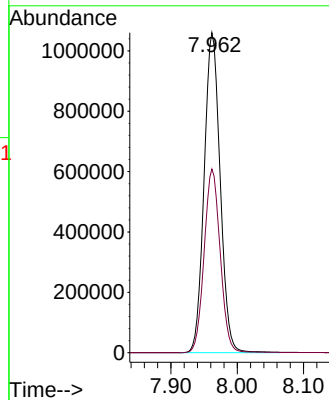
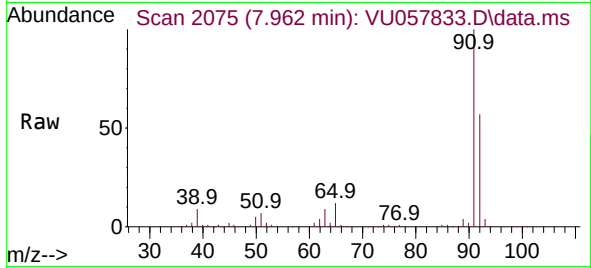
ClientSampleId :

Tgt Ion: 91 Resp: 1781096

Ion Ratio Lower Upper

91 100

92 57.4 39.8 73.8



#44

trans-1,3-Dichloropropene

Concen: 226.508 ug/L

RT: 8.203 min Scan# 2150

Delta R.T. -0.000 min

Lab File: VU057833.D

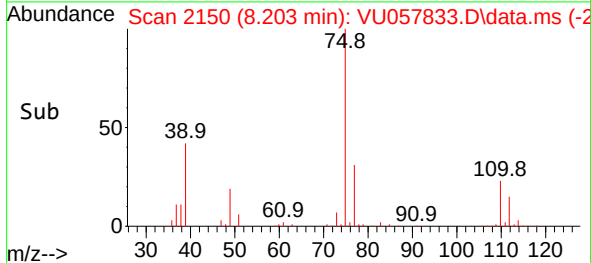
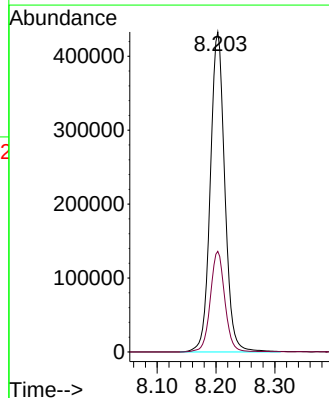
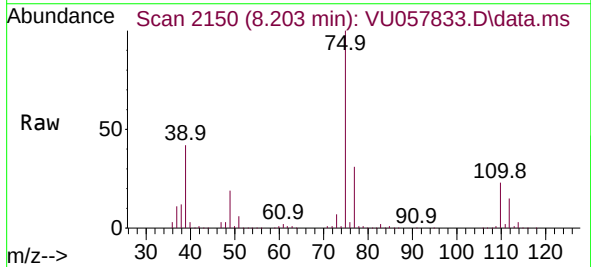
Acq: 07 Feb 2024 11:01

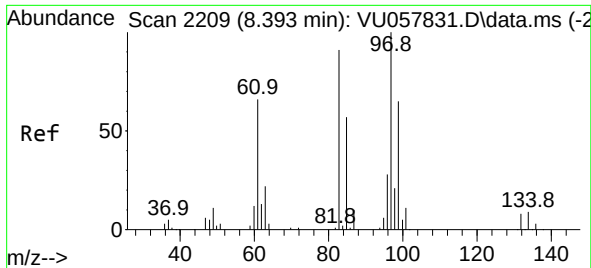
Tgt Ion: 75 Resp: 741302

Ion Ratio Lower Upper

75 100

77 31.5 22.4 41.6



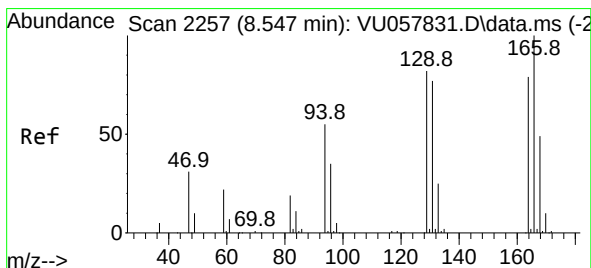
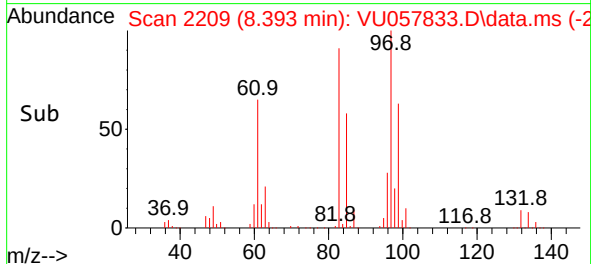
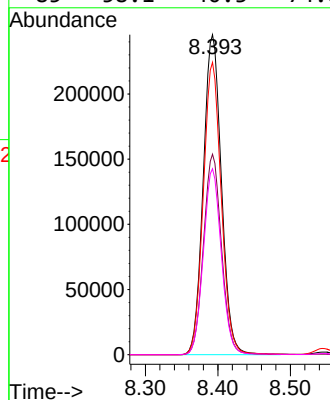
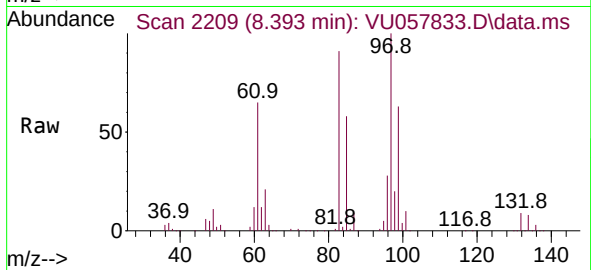


#45
1,1,2-Trichloroethane
Concen: 208.095 ug/L
RT: 8.393 min Scan# 2209
Delta R.T. -0.000 min
Lab File: VU057833.D
Acq: 07 Feb 2024 11:01

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 97 Resp: 427120

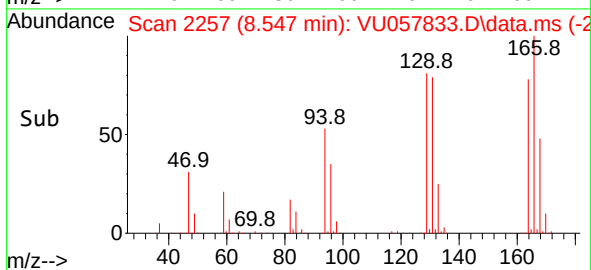
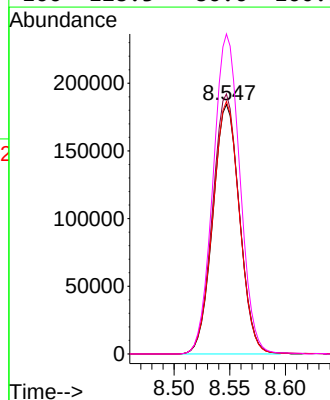
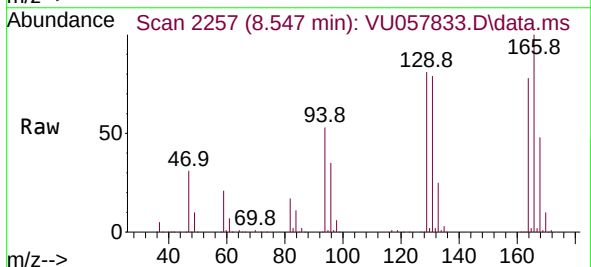
Ion	Ratio	Lower	Upper
97	100		
99	62.7	45.1	83.9
83	91.3	63.8	118.6
85	58.1	40.3	74.8

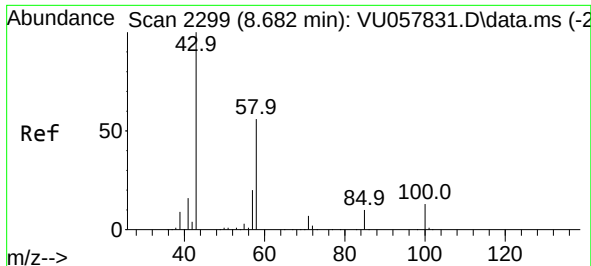


#46
Tetrachloroethene
Concen: 188.326 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. -0.000 min
Lab File: VU057833.D
Acq: 07 Feb 2024 11:01

Tgt Ion: 164 Resp: 309112

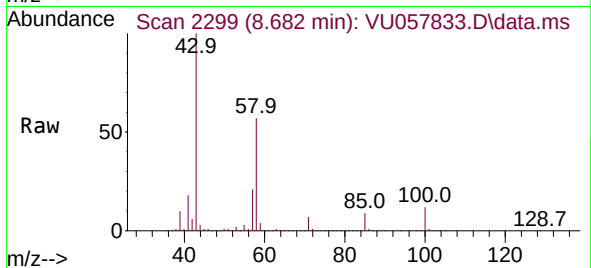
Ion	Ratio	Lower	Upper
164	100		
129	104.2	70.8	131.4
131	101.3	66.8	124.0
166	128.3	86.6	160.8





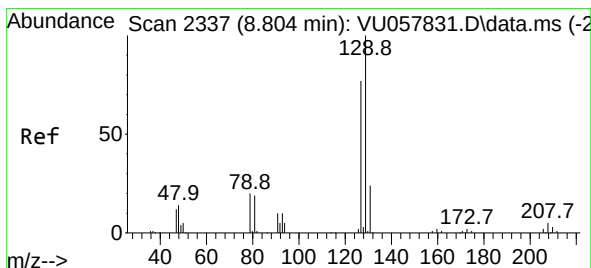
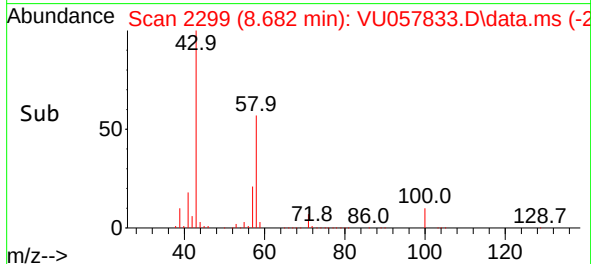
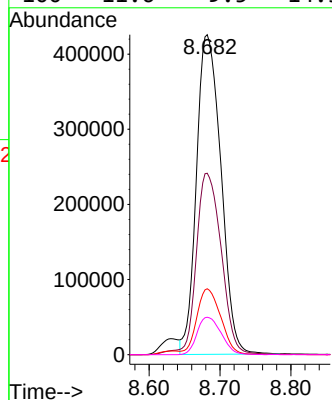
#48
2-Hexanone
Concen: 597.638 ug/L
RT: 8.682 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU057833.D
Acq: 07 Feb 2024 11:01

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 43 Resp: 1020917

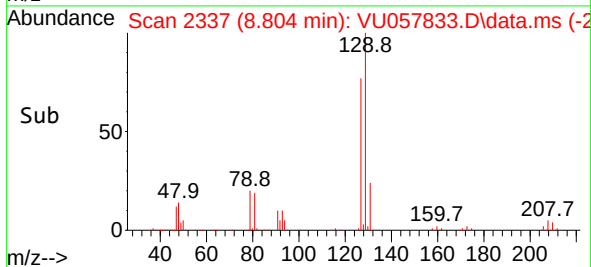
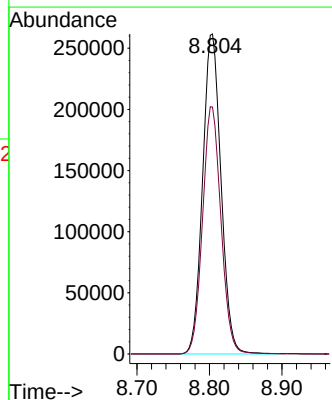
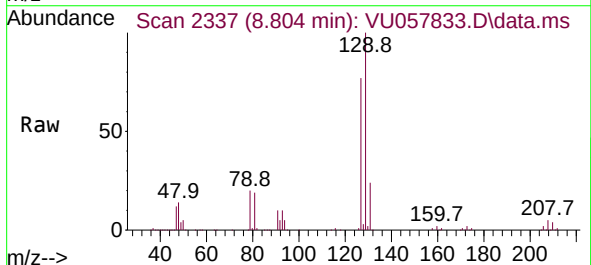
Ion	Ratio	Lower	Upper
43	100		
58	58.1	44.1	66.1
57	20.2	15.4	23.2
100	11.6	9.5	14.3

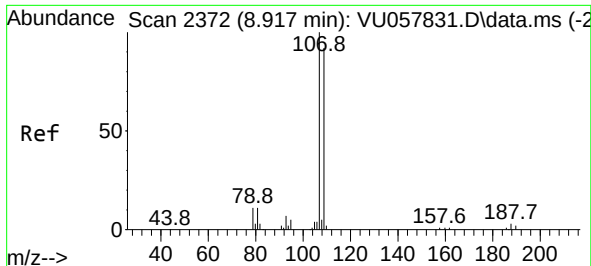


#49
Dibromochloromethane
Concen: 190.612 ug/L
RT: 8.804 min Scan# 2337
Delta R.T. -0.000 min
Lab File: VU057833.D
Acq: 07 Feb 2024 11:01

Tgt Ion: 129 Resp: 461064

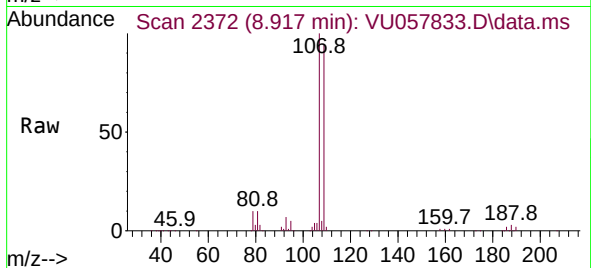
Ion	Ratio	Lower	Upper
129	100		
127	77.2	54.1	100.5



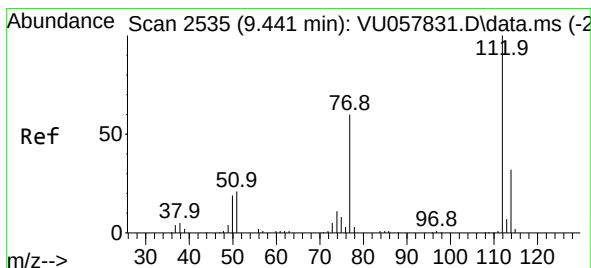
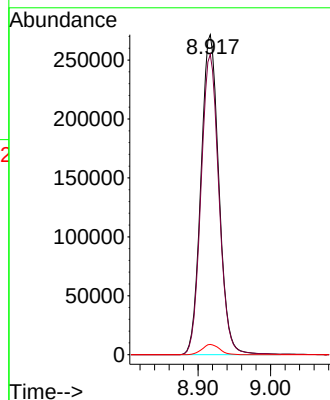
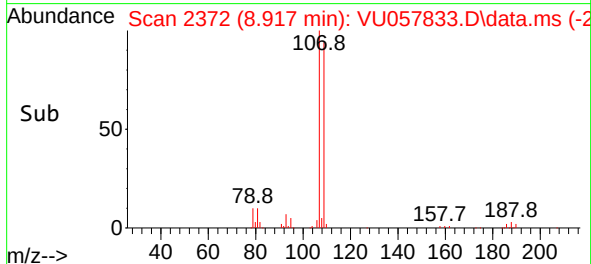


#50
1,2-Dibromoethane
Concen: 214.248 ug/L
RT: 8.917 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU057833.D
Acq: 07 Feb 2024 11:01

Instrument :
MSVOA_U
ClientSampleId :

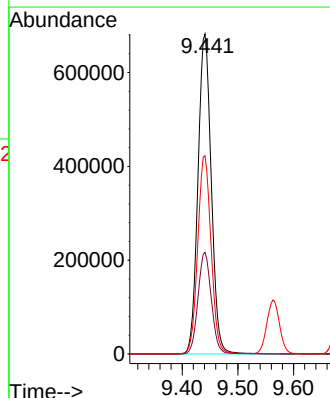
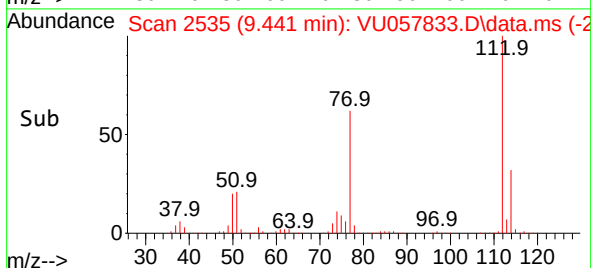
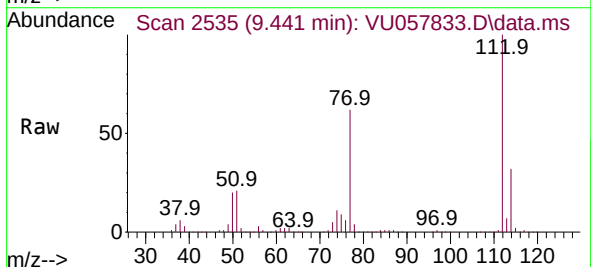


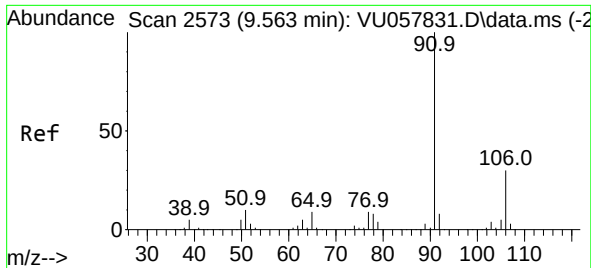
Tgt Ion:107 Resp: 467113
Ion Ratio Lower Upper
107 100
109 93.8 64.4 119.6
188 3.3 2.6 3.8



#51
Chlorobenzene
Concen: 207.796 ug/L
RT: 9.441 min Scan# 2535
Delta R.T. -0.000 min
Lab File: VU057833.D
Acq: 07 Feb 2024 11:01

Tgt Ion:112 Resp: 1133051
Ion Ratio Lower Upper
112 100
114 31.8 22.0 41.0
77 61.9 48.2 72.4

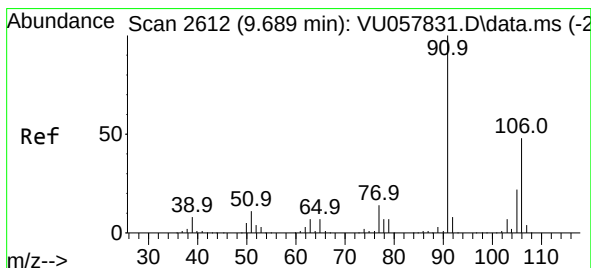
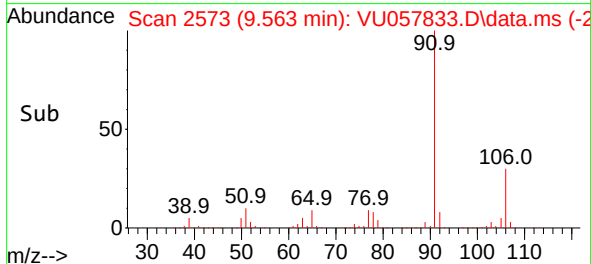
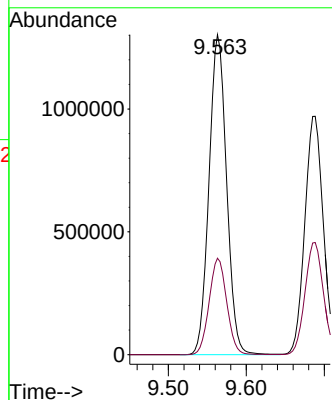
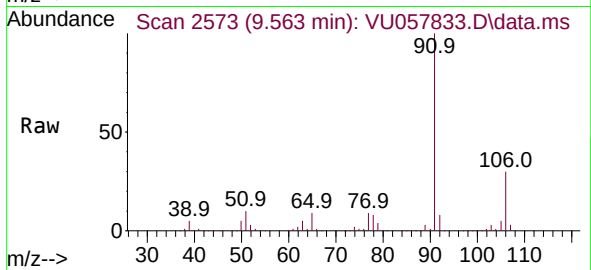




#52
Ethylbenzene
Concen: 223.404 ug/L
RT: 9.563 min Scan# 2573
Delta R.T. -0.000 min
Lab File: VU057833.D
Acq: 07 Feb 2024 11:01

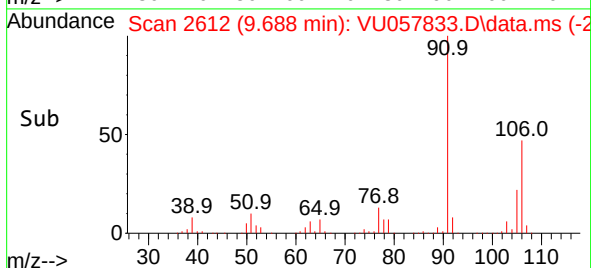
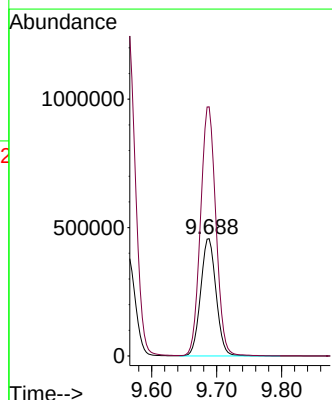
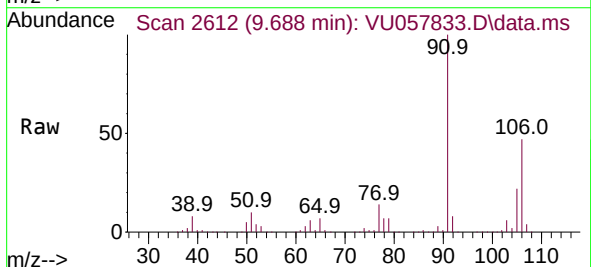
Instrument :
MSVOA_U
ClientSampleId :

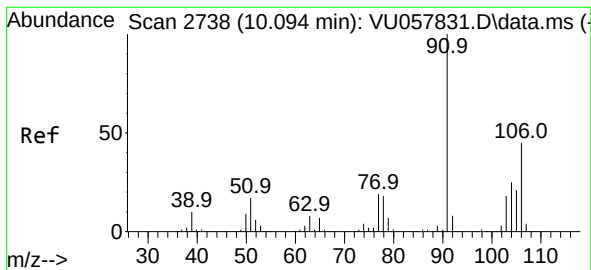
Tgt Ion: 91 Resp: 2038956
Ion Ratio Lower Upper
91 100
106 30.2 20.9 38.9



#53
m,p-Xylene
Concen: 221.564 ug/L
RT: 9.688 min Scan# 2612
Delta R.T. -0.000 min
Lab File: VU057833.D
Acq: 07 Feb 2024 11:01

Tgt Ion:106 Resp: 755776
Ion Ratio Lower Upper
106 100
91 212.4 145.3 269.9





#54

o-Xylene

Concen: 224.515 ug/L

RT: 10.094 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU057833.D

Acq: 07 Feb 2024 11:01

Instrument :

MSVOA_U

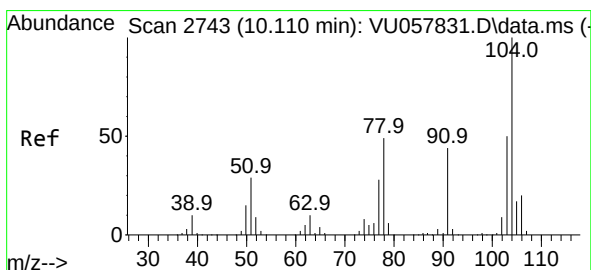
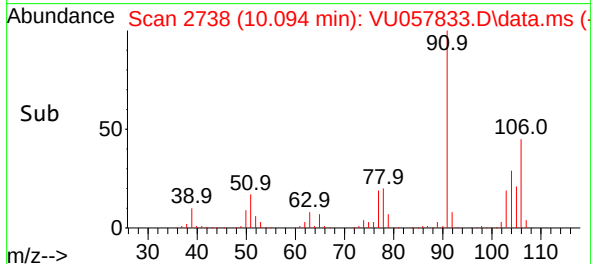
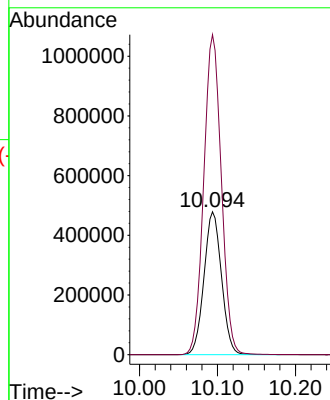
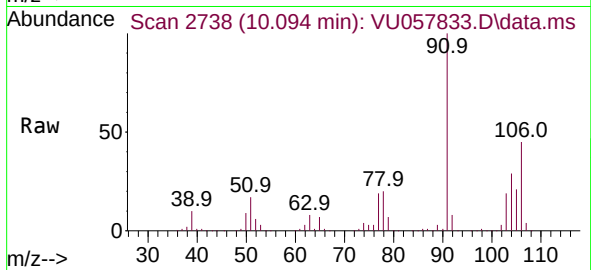
ClientSampleId :

Tgt Ion:106 Resp: 745784

Ion Ratio Lower Upper

106 100

91 223.9 155.3 288.3



#55

Styrene

Concen: 231.668 ug/L

RT: 10.106 min Scan# 2742

Delta R.T. -0.003 min

Lab File: VU057833.D

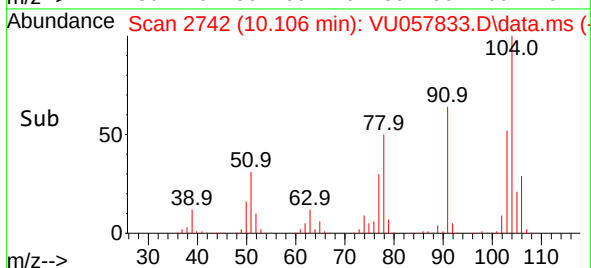
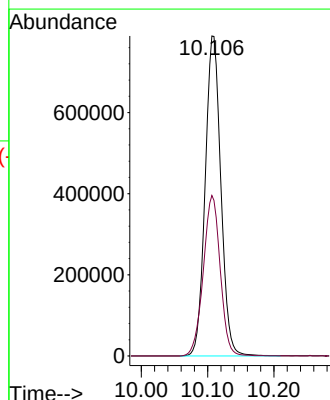
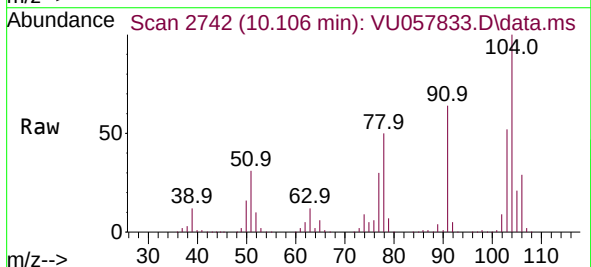
Acq: 07 Feb 2024 11:01

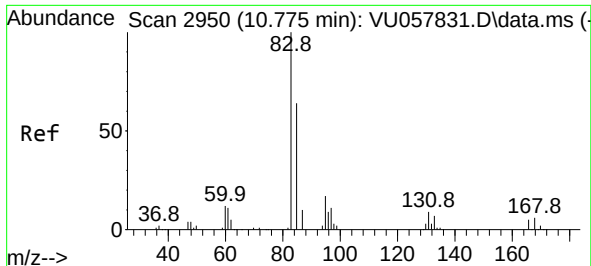
Tgt Ion:104 Resp: 1297177

Ion Ratio Lower Upper

104 100

78 50.2 34.3 63.7

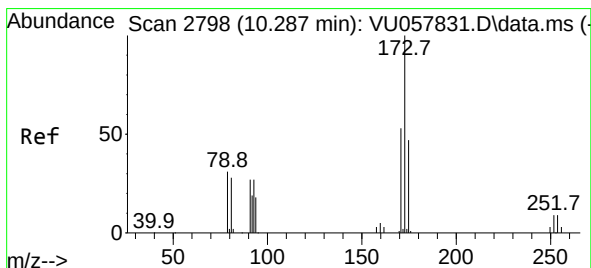
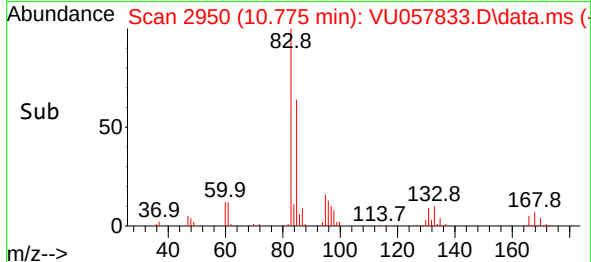
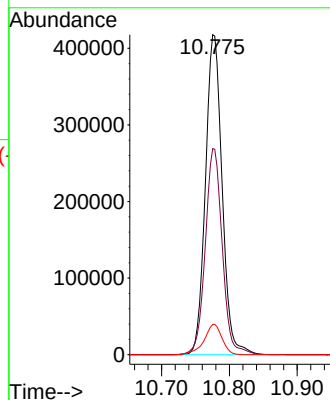
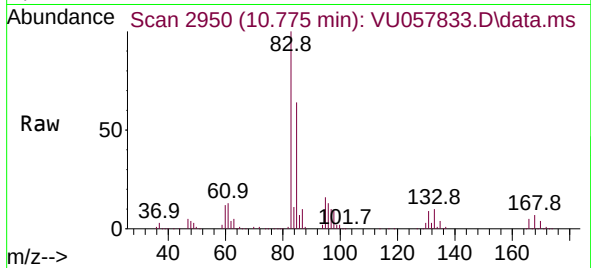




#57
1,1,2,2-Tetrachloroethane
Concen: 226.953 ug/L
RT: 10.775 min Scan# 2950
Delta R.T. -0.000 min
Lab File: VU057833.D
Acq: 07 Feb 2024 11:01

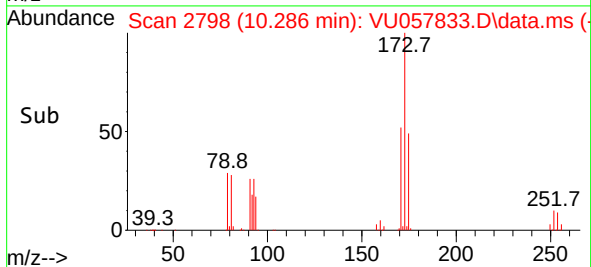
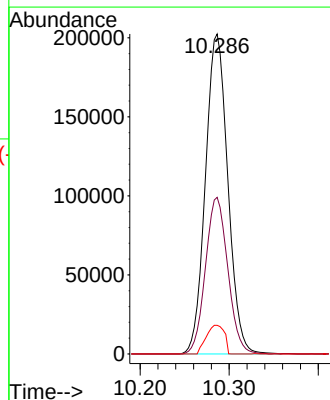
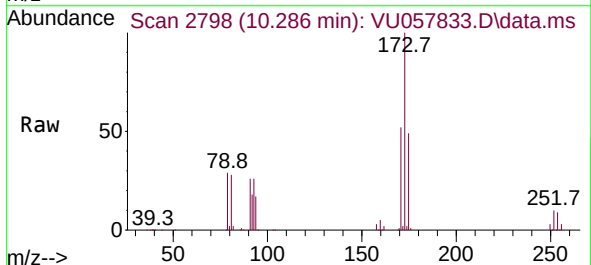
Instrument :
MSVOA_U
ClientSampleId :

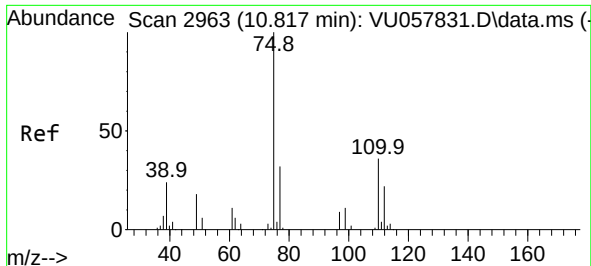
Tgt Ion: 83 Resp: 714671
Ion Ratio Lower Upper
83 100
85 64.4 45.1 83.7
131 9.5 7.5 11.3



#59
Bromoform
Concen: 182.743 ug/L
RT: 10.286 min Scan# 2798
Delta R.T. -0.000 min
Lab File: VU057833.D
Acq: 07 Feb 2024 11:01

Tgt Ion:173 Resp: 353774
Ion Ratio Lower Upper
173 100
175 48.8 37.7 56.5
254 7.2 6.2 9.2

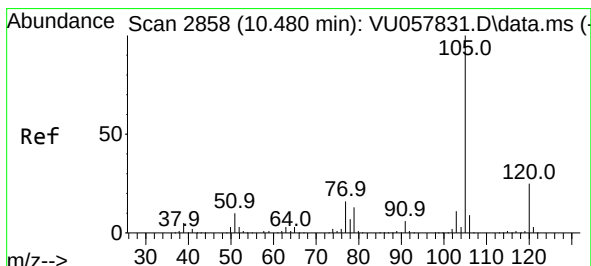
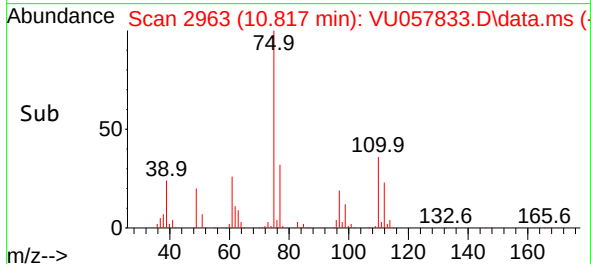
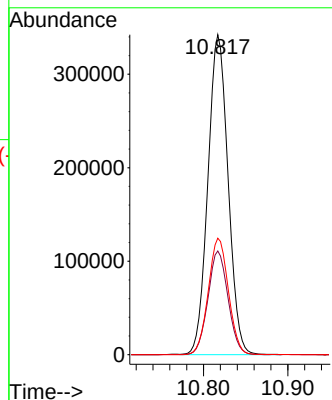
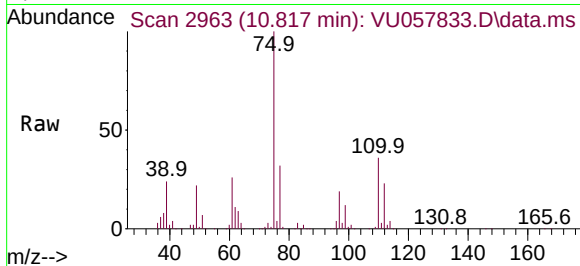




#60
1,2,3-Trichloropropane
Concen: 212.820 ug/L
RT: 10.817 min Scan# 2963
Delta R.T. -0.000 min
Lab File: VU057833.D
Acq: 07 Feb 2024 11:01

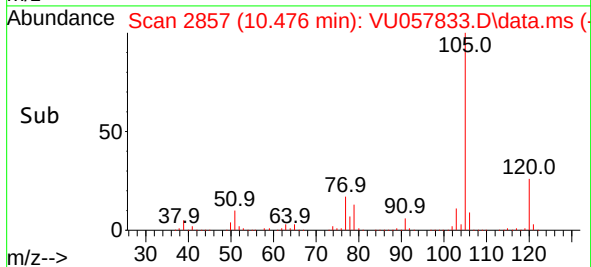
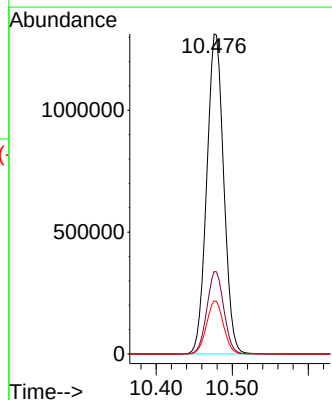
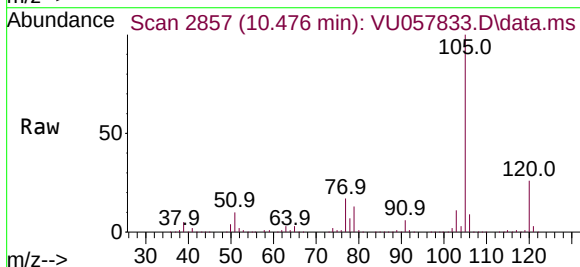
Instrument :
MSVOA_U
ClientSampleId :

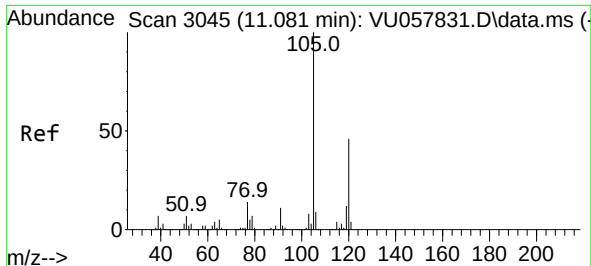
Tgt Ion: 75 Resp: 570022
Ion Ratio Lower Upper
75 100
77 32.3 26.1 39.1
110 36.4 29.1 43.7



#61
Isopropylbenzene
Concen: 220.326 ug/L
RT: 10.476 min Scan# 2857
Delta R.T. -0.003 min
Lab File: VU057833.D
Acq: 07 Feb 2024 11:01

Tgt Ion: 105 Resp: 2033605
Ion Ratio Lower Upper
105 100
120 25.7 20.6 30.8
77 16.6 13.2 19.8

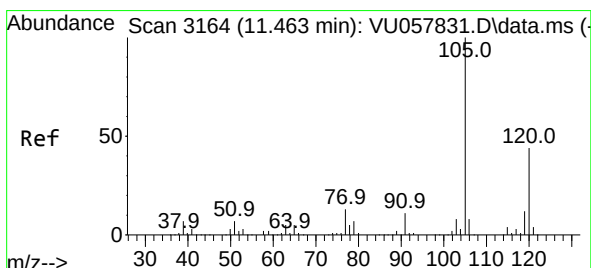
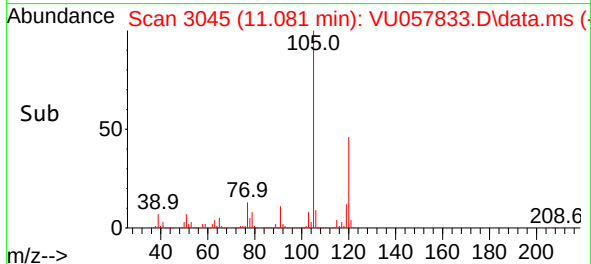
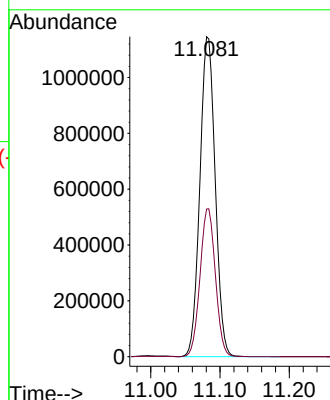
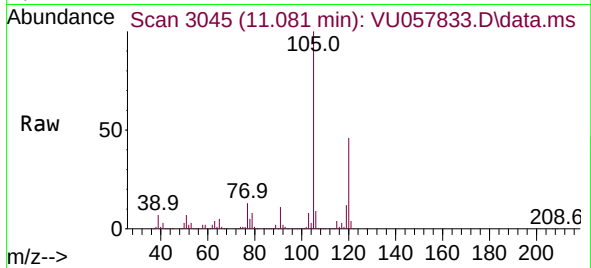




#62
1,3,5-Trimethylbenzene
Concen: 223.017 ug/L
RT: 11.081 min Scan# 3045
Delta R.T. -0.000 min
Lab File: VU057833.D
Acq: 07 Feb 2024 11:01

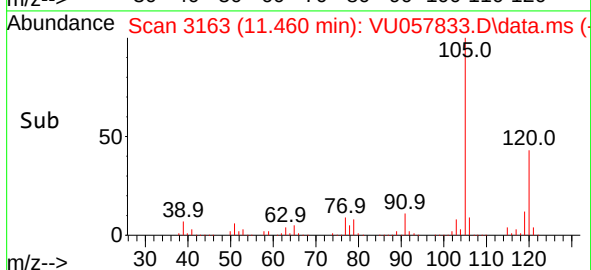
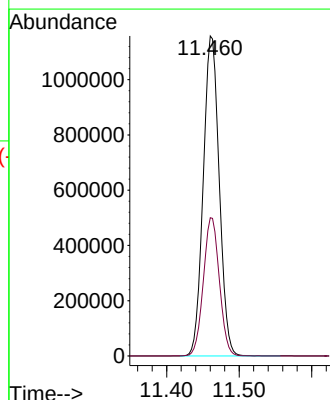
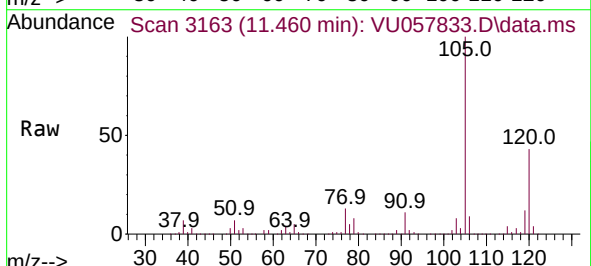
Instrument :
MSVOA_U
ClientSampleId :

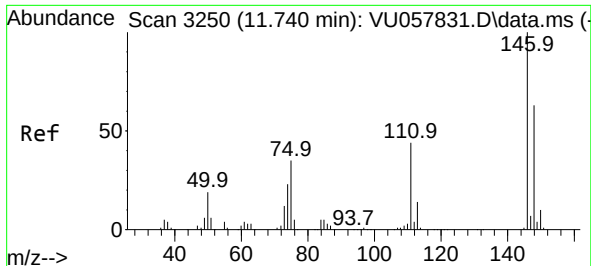
Tgt Ion:105 Resp: 1758782
Ion Ratio Lower Upper
105 100
120 46.3 37.3 55.9



#63
1,2,4-Trimethylbenzene
Concen: 229.166 ug/L
RT: 11.460 min Scan# 3163
Delta R.T. -0.003 min
Lab File: VU057833.D
Acq: 07 Feb 2024 11:01

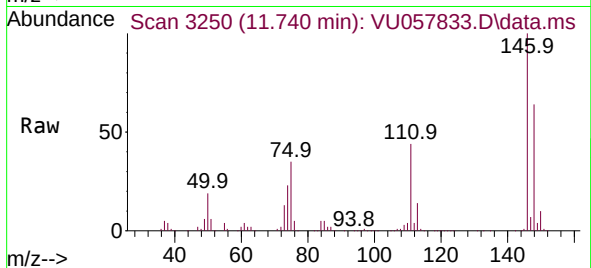
Tgt Ion:105 Resp: 1773128
Ion Ratio Lower Upper
105 100
120 43.2 35.4 53.0



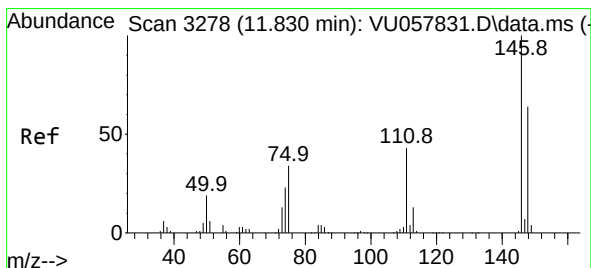
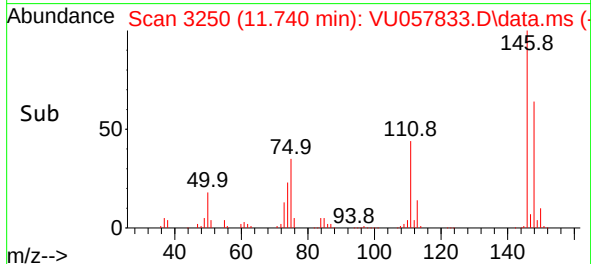
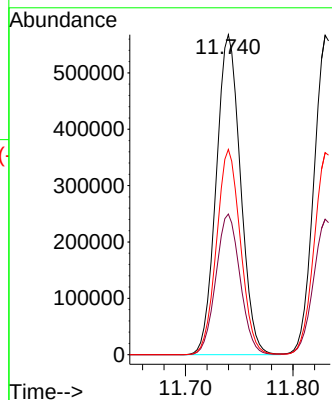


#64
1,3-Dichlorobenzene
Concen: 206.746 ug/L
RT: 11.740 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU057833.D
Acq: 07 Feb 2024 11:01

Instrument :
MSVOA_U
ClientSampleId :

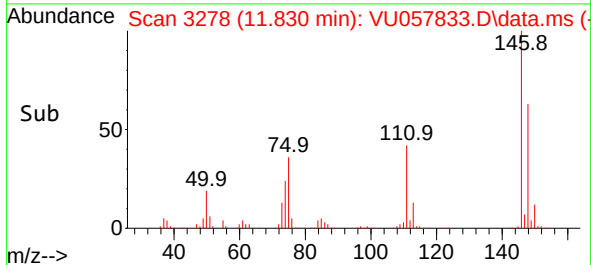
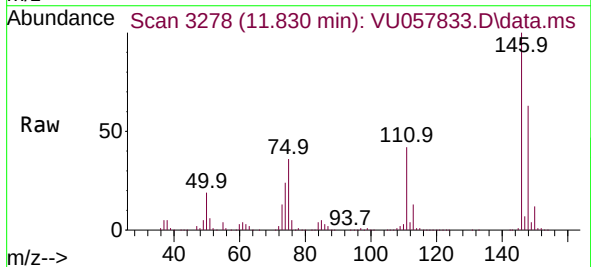
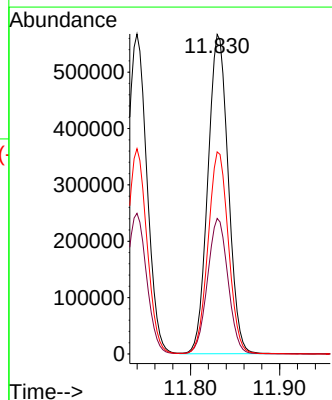


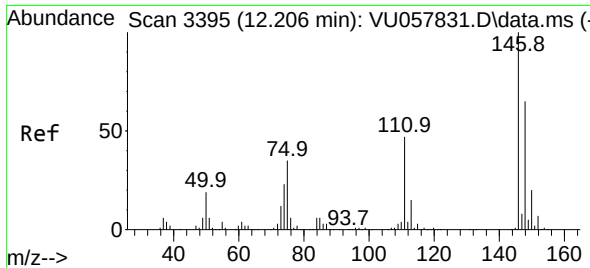
Tgt Ion:146 Resp: 889920
Ion Ratio Lower Upper
146 100
111 43.9 31.1 57.7
148 64.2 46.8 86.8



#65
1,4-Dichlorobenzene
Concen: 203.094 ug/L
RT: 11.830 min Scan# 3278
Delta R.T. -0.000 min
Lab File: VU057833.D
Acq: 07 Feb 2024 11:01

Tgt Ion:146 Resp: 898877
Ion Ratio Lower Upper
146 100
111 42.4 30.5 56.7
148 63.2 45.3 84.1





#67

1,2-Dichlorobenzene

Concen: 202.786 ug/L

RT: 12.206 min Scan# 31

Delta R.T. -0.000 min

Lab File: VU057833.D

Acq: 07 Feb 2024 11:01

Instrument :

MSVOA_U

ClientSampleId :

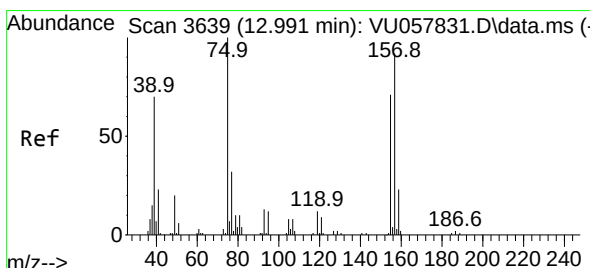
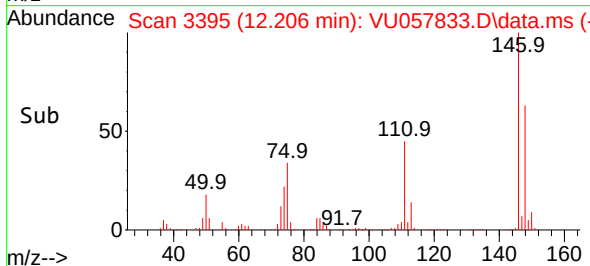
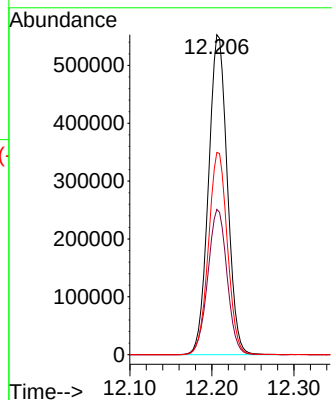
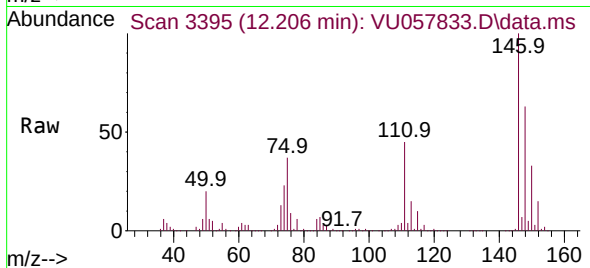
Tgt Ion:146 Resp: 879438

Ion Ratio Lower Upper

146 100

111 45.4 37.8 56.8

148 63.2 51.7 77.5



#68

1,2-Dibromo-3-chloropropane

Concen: 225.078 ug/L

RT: 12.991 min Scan# 3639

Delta R.T. -0.000 min

Lab File: VU057833.D

Acq: 07 Feb 2024 11:01

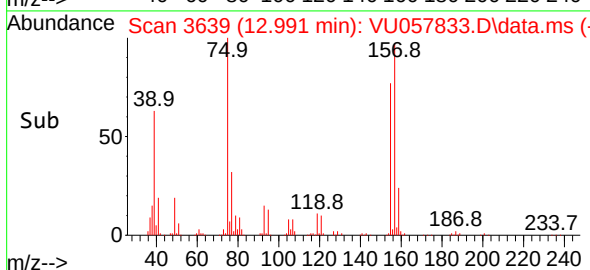
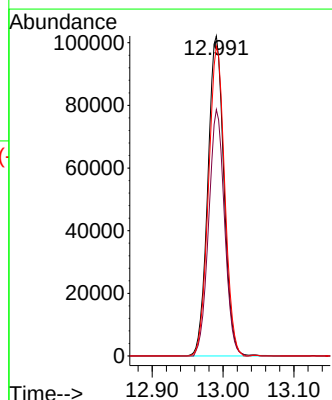
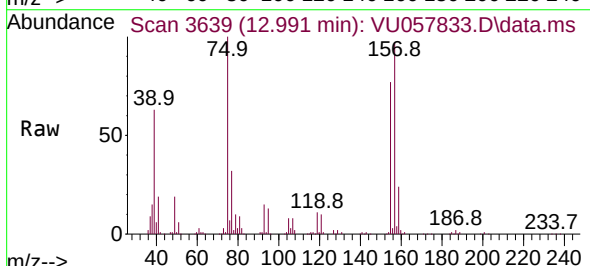
Tgt Ion: 75 Resp: 161026

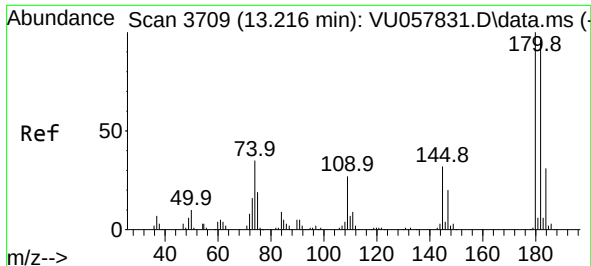
Ion Ratio Lower Upper

75 100

155 80.3 55.9 83.9

157 100.7 71.1 106.7





#69

1,3,5-Trichlorobenzene

Concen: 207.262 ug/L

RT: 13.212 min Scan# 3709

Delta R.T. -0.003 min

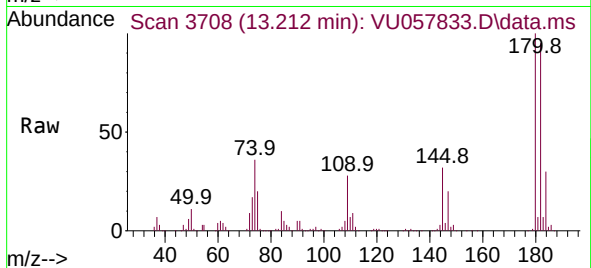
Lab File: VU057833.D

Acq: 07 Feb 2024 11:01

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:180 Resp: 641321

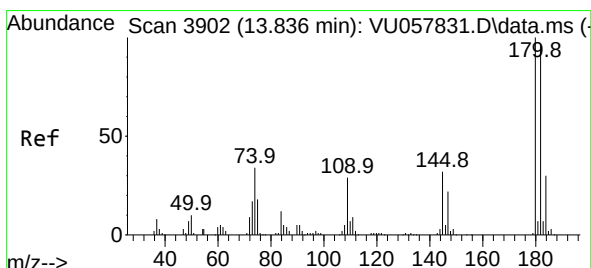
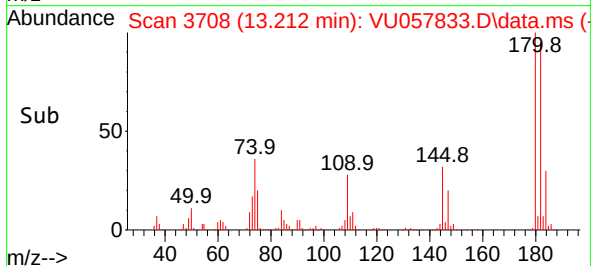
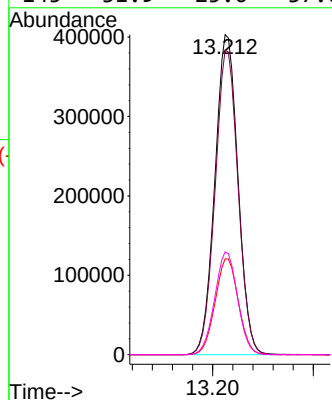
Ion Ratio Lower Upper

180 100

182 94.6 76.0 114.0

184 30.2 24.3 36.5

145 31.9 25.0 37.6



#70

1,2,4-trichlorobenzene

Concen: 238.067 ug/L

RT: 13.833 min Scan# 3901

Delta R.T. -0.003 min

Lab File: VU057833.D

Acq: 07 Feb 2024 11:01

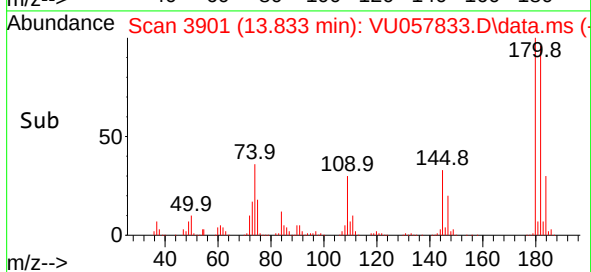
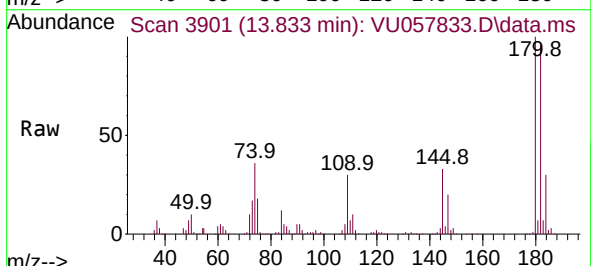
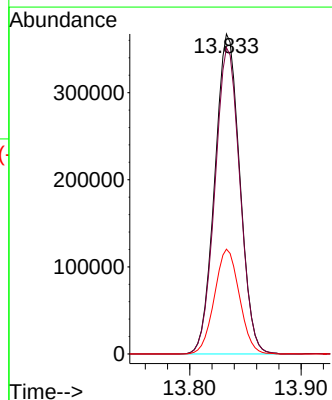
Tgt Ion:180 Resp: 572931

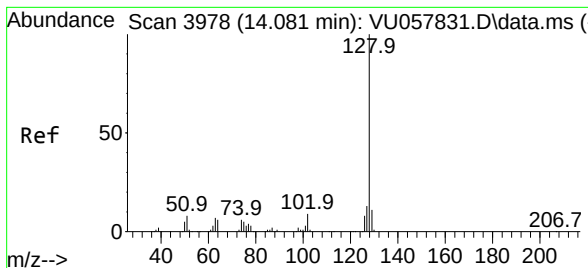
Ion Ratio Lower Upper

180 100

182 95.7 76.0 114.0

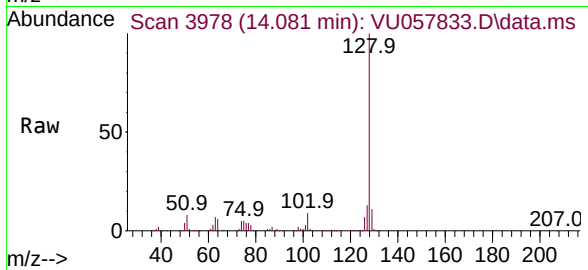
145 32.7 25.5 38.3



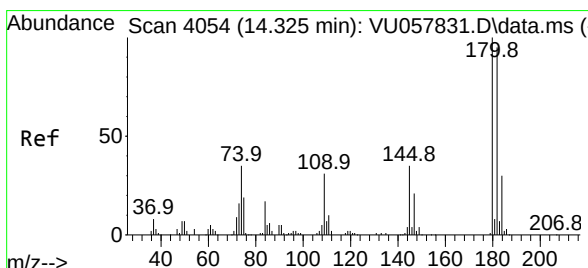
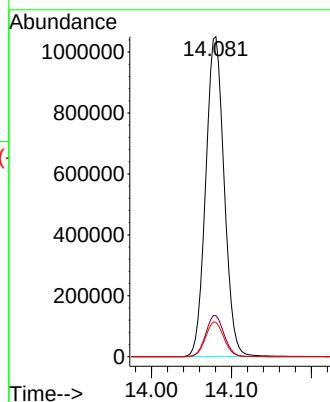
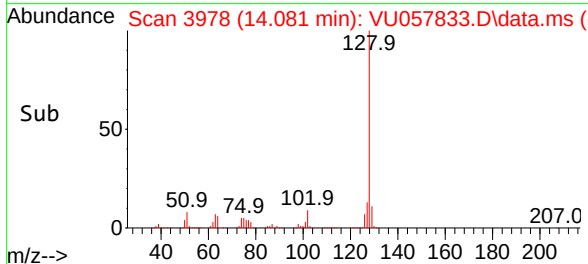


#71
Naphthalene
Concen: 292.464 ug/L
RT: 14.081 min Scan# 3978
Delta R.T. -0.000 min
Lab File: VU057833.D
Acq: 07 Feb 2024 11:01

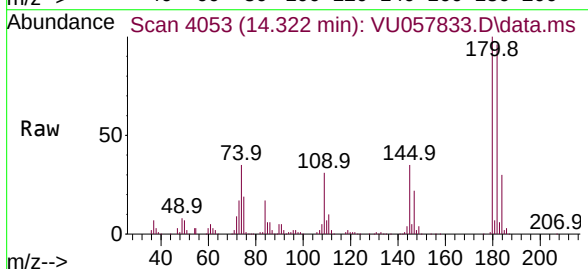
Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:128 Resp: 1687105
Ion Ratio Lower Upper
128 100
127 12.8 10.2 15.4
129 10.8 8.6 13.0



#72
1,2,3-Trichlorobenzene
Concen: 240.235 ug/L
RT: 14.322 min Scan# 4053
Delta R.T. -0.003 min
Lab File: VU057833.D
Acq: 07 Feb 2024 11:01



Tgt Ion:180 Resp: 540828
Ion Ratio Lower Upper
180 100
182 95.8 76.6 114.8
145 34.4 27.7 41.5

