

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\U020724\
 Data File : U057834.D
 Acq On : 07 Feb 2024 11:52
 Operator : MD/SY
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Feb 08 01:23:34 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM020724WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Feb 08 01:18:21 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	254759	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	237845	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	118047	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	101150	49.605	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	99.220%
7) Chloroethane-d5	1.904	69	70133	44.335	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	88.660%
11) 1,1-Dichloroethene-d2	2.560	63	182293	48.676	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	97.360%
21) 2-Butanone-d5	4.618	46	129635	114.553	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	114.550%
24) Chloroform-d	5.055	84	187682	51.886	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.780%
26) 1,2-Dichloroethane-d4	5.692	65	123251	53.750	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	107.500%
32) Benzene-d6	5.717	84	371180	51.658	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.320%
36) 1,2-Dichloropropane-d6	6.682	67	120237	52.989	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	105.980%
41) Toluene-d8	7.891	98	331644	50.911	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.820%
43) trans-1,3-Dichloroprop...	8.174	79	60382	54.398	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	108.800%
47) 2-Hexanone-d5	8.631	63	107397	115.955	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	115.960%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	160748	54.421	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	108.840%
66) 1,2-Dichlorobenzene-d4	12.187	152	119334	52.618	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.240%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	106495	47.282	ug/L	99
3) Chloromethane	1.518	50	106645	50.627	ug/L	100
5) Vinyl chloride	1.602	62	109514	49.208	ug/L	96
6) Bromomethane	1.853	94	68238	49.842	ug/L	99
8) Chloroethane	1.923	64	58938	44.362	ug/L	98
9) Trichlorofluoromethane	2.126	101	148610	47.756	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.570	101	88428	48.145	ug/L	99
12) 1,1-Dichloroethene	2.570	96	81548	48.614	ug/L	94
13) Acetone	2.624	43	129311	88.946	ug/L	99
14) Carbon disulfide	2.785	76	256204	49.460	ug/L	99
15) Methyl Acetate	2.943	43	101051	54.636	ug/L	99
16) Methylene chloride	3.036	84	100237	51.720	ug/L	98
17) trans-1,2-Dichloroethene	3.345	96	87906	51.426	ug/L	99
18) Methyl tert-butyl Ether	3.354	73	322500	53.746	ug/L	100
19) 1,1-Dichloroethane	3.859	63	176287	51.389	ug/L	99
20) cis-1,2-Dichloroethene	4.656	96	101649	51.518	ug/L	97
22) 2-Butanone	4.698	43	156537	101.038	ug/L	97
23) Bromochloromethane	4.965	128	51679	53.426	ug/L	95
25) Chloroform	5.078	83	182313	51.896	ug/L	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU020724\
 Data File : VU057834.D
 Acq On : 07 Feb 2024 11:52
 Operator : MD/SY
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

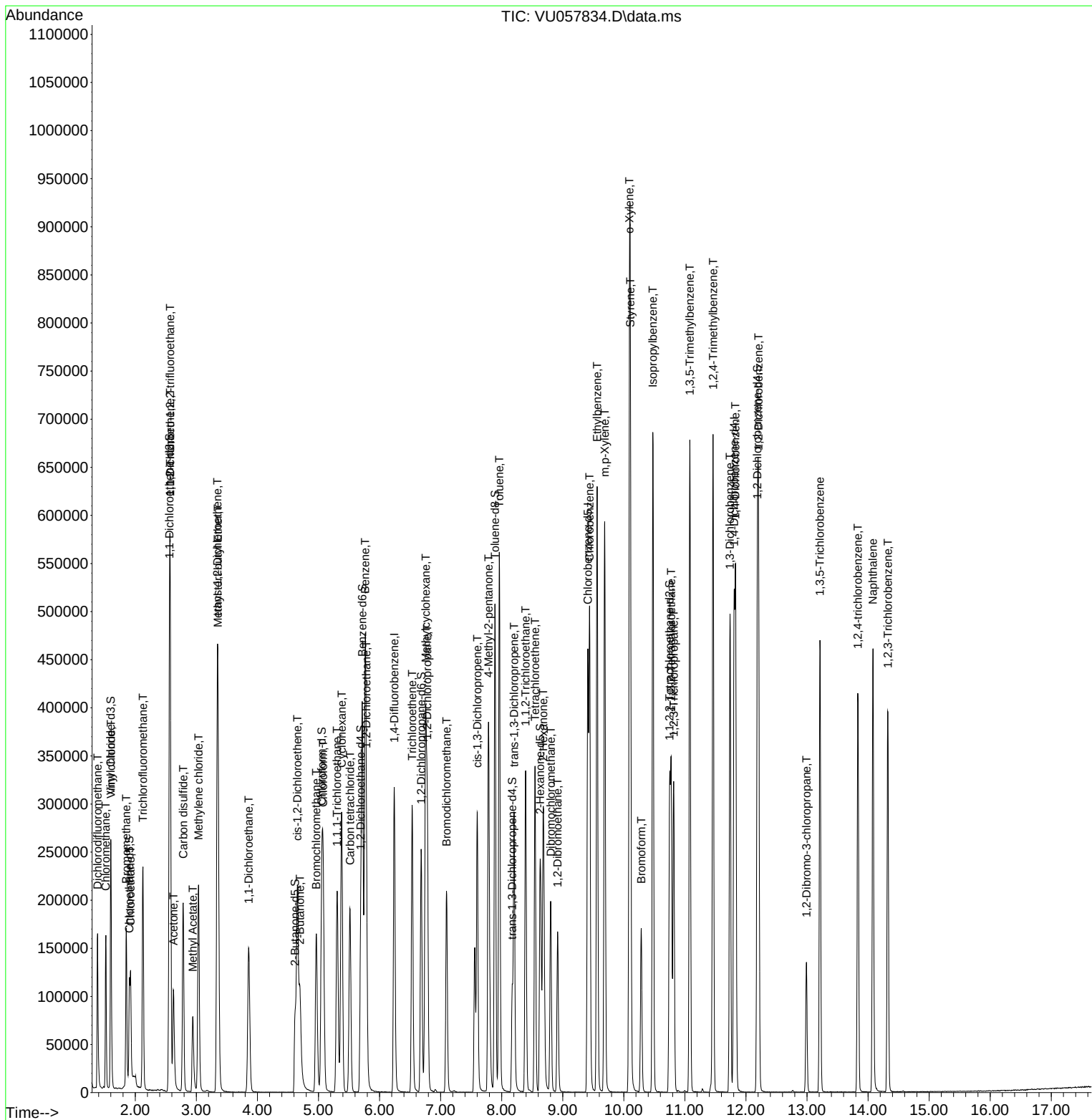
Instrument :
 MSVOA_U
 ClientSampleId :

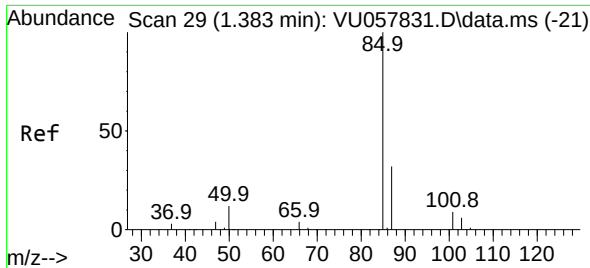
Quant Time: Feb 08 01:23:34 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM020724WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Feb 08 01:18:21 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	154499	53.107	ug/L	100
29) Cyclohexane	5.380	56	151615	48.988	ug/L	98
30) 1,1,1-Trichloroethane	5.306	97	152262	49.632	ug/L	99
31) Carbon tetrachloride	5.518	117	130904	49.008	ug/L	100
33) Benzene	5.766	78	389344	51.711	ug/L	100
34) Trichloroethene	6.534	95	101231	50.001	ug/L	99
35) Methylcyclohexane	6.756	83	156009	48.167	ug/L	99
37) 1,2-Dichloropropane	6.782	63	108767	52.691	ug/L	100
38) Bromodichloromethane	7.097	83	137207	52.791	ug/L	98
39) cis-1,3-Dichloropropene	7.602	75	177170	52.952	ug/L	99
40) 4-Methyl-2-pentanone	7.785	43	289655	112.725	ug/L	99
42) Toluene	7.962	91	402437	51.034	ug/L	99
44) trans-1,3-Dichloropropene	8.203	75	163906	53.359	ug/L	100
45) 1,1,2-Trichloroethane	8.393	97	101680	53.345	ug/L	99
46) Tetrachloroethene	8.547	164	68807	48.999	ug/L	98
48) 2-Hexanone	8.682	43	236487	105.794	ug/L	99
49) Dibromochloromethane	8.804	129	102399	53.266	ug/L	99
50) 1,2-Dibromoethane	8.917	107	108753	53.401	ug/L	98
51) Chlorobenzene	9.441	112	255241	50.965	ug/L	97
52) Ethylbenzene	9.563	91	444361	49.676	ug/L	94
53) m,p-Xylene	9.688	106	165240	50.264	ug/L	94
54) o-Xylene	10.094	106	164055	51.249	ug/L	91
55) Styrene	10.110	104	280122	52.421	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.775	83	168903	54.985	ug/L	99
59) Bromoform	10.286	173	73545	53.632	ug/L #	97
60) 1,2,3-Trichloropropane	10.817	75	135193	54.710	ug/L	99
61) Isopropylbenzene	10.476	105	435790	50.534	ug/L	99
62) 1,3,5-Trimethylbenzene	11.081	105	371668	51.358	ug/L	99
63) 1,2,4-Trimethylbenzene	11.463	105	375237	51.806	ug/L	99
64) 1,3-Dichlorobenzene	11.740	146	192107	51.413	ug/L	98
65) 1,4-Dichlorobenzene	11.830	146	195001	50.880	ug/L	99
67) 1,2-Dichlorobenzene	12.206	146	195057	51.784	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.991	75	34716	55.390	ug/L	91
69) 1,3,5-Trichlorobenzene	13.212	180	132516	50.354	ug/L	98
70) 1,2,4-trichlorobenzene	13.833	180	116847	51.976	ug/L	98
71) Naphthalene	14.081	128	349896	58.060	ug/L	100
72) 1,2,3-Trichlorobenzene	14.325	180	112670	53.562	ug/L	99

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

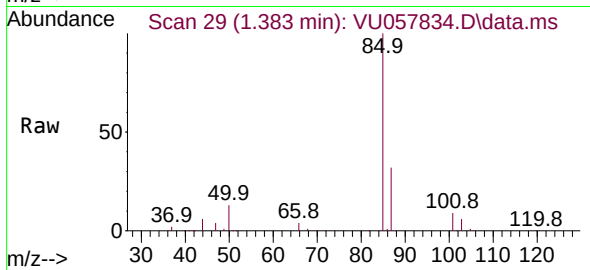
Quant Time: Feb 08 01:23:34 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM020724WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Feb 08 01:18:21 2024
Response via : Initial Calibration



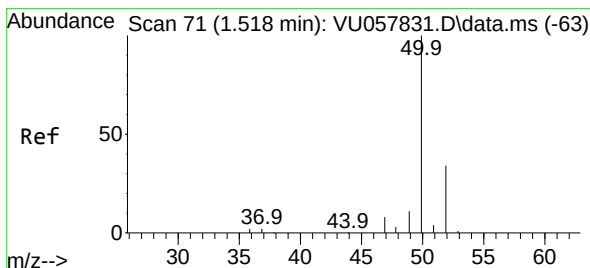
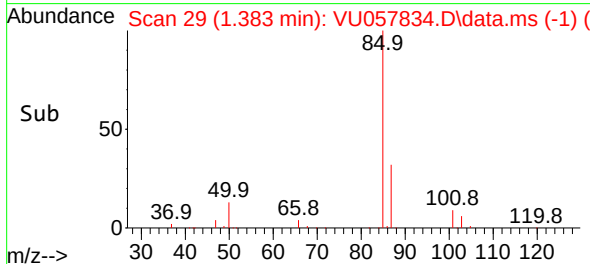
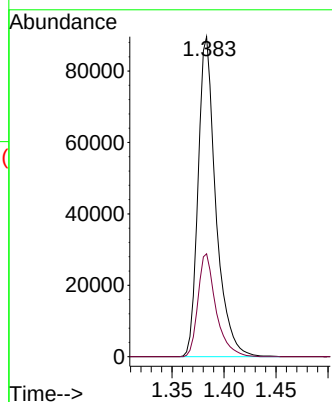


#2
Dichlorodifluoromethane
Concen: 47.282 ug/L
RT: 1.383 min Scan# 29
Delta R.T. -0.000 min
Lab File: VU057834.D
Acq: 07 Feb 2024 11:52

Instrument :
MSVOA_U
ClientSampleId :

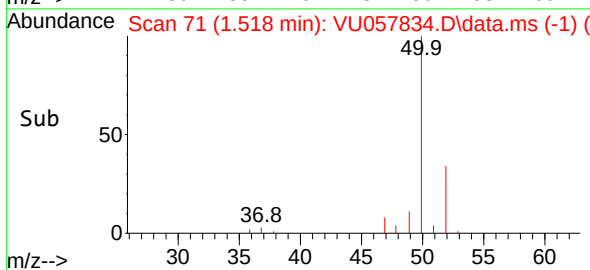
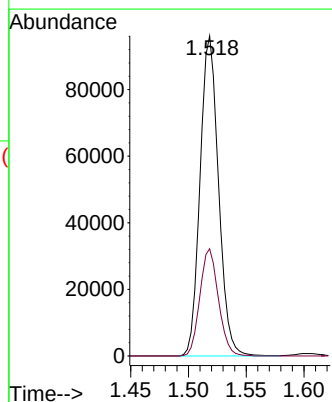
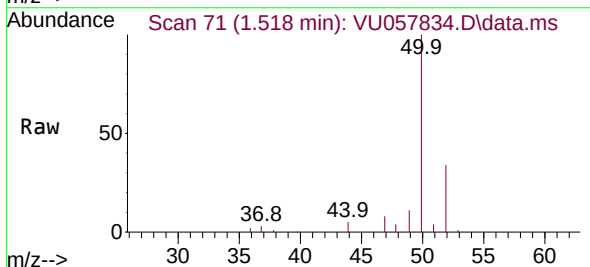


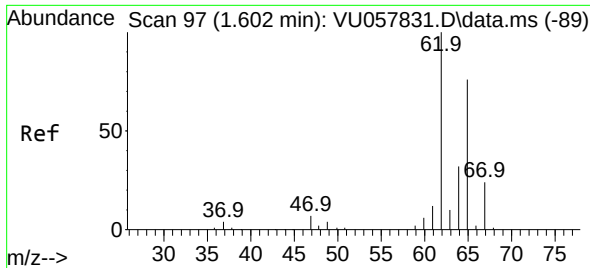
Tgt Ion: 85 Resp: 106495
Ion Ratio Lower Upper
85 100
87 32.5 25.4 38.0



#3
Chloromethane
Concen: 50.627 ug/L
RT: 1.518 min Scan# 71
Delta R.T. -0.000 min
Lab File: VU057834.D
Acq: 07 Feb 2024 11:52

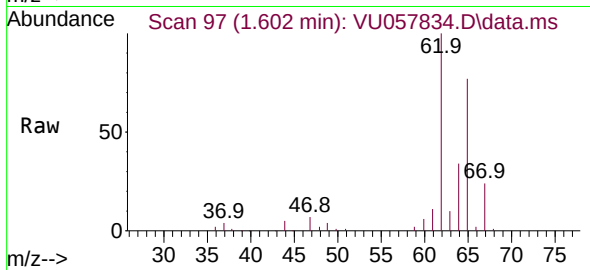
Tgt Ion: 50 Resp: 106645
Ion Ratio Lower Upper
50 100
52 33.5 23.7 43.9



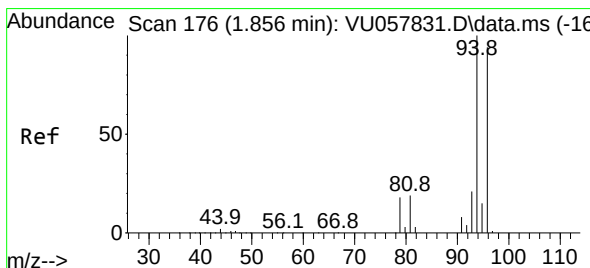
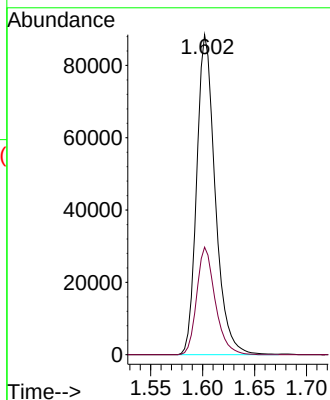
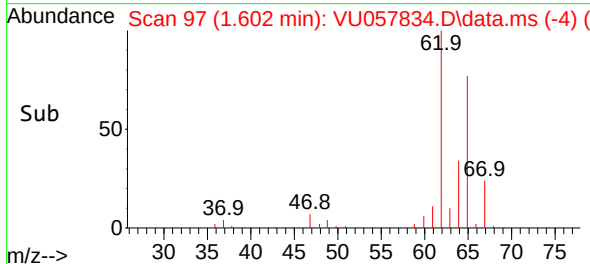


#5
 Vinyl chloride
 Concen: 49.208 ug/L
 RT: 1.602 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VU057834.D
 Acq: 07 Feb 2024 11:52

Instrument :
 MSVOA_U
 ClientSampleId :

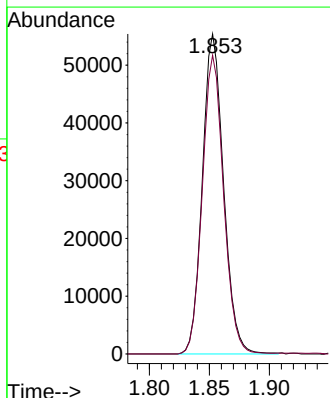
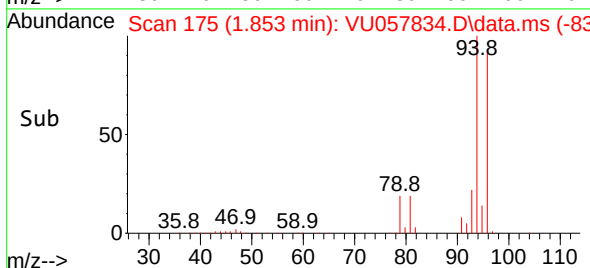
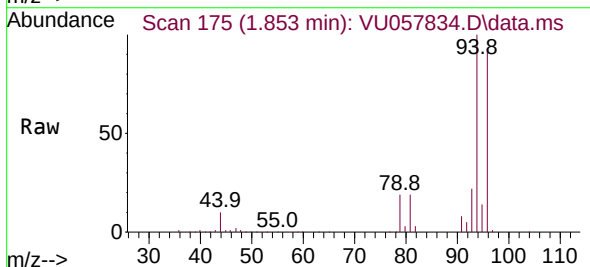


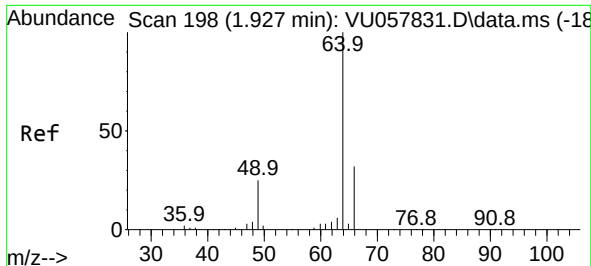
Tgt Ion: 62 Resp: 109514
 Ion Ratio Lower Upper
 62 100
 64 33.6 22.1 41.1



#6
 Bromomethane
 Concen: 49.842 ug/L
 RT: 1.853 min Scan# 175
 Delta R.T. -0.003 min
 Lab File: VU057834.D
 Acq: 07 Feb 2024 11:52

Tgt Ion: 94 Resp: 68238
 Ion Ratio Lower Upper
 94 100
 96 93.4 66.0 122.6

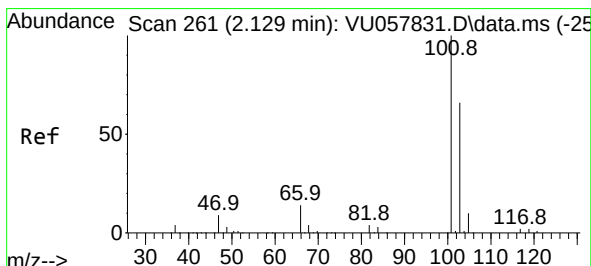
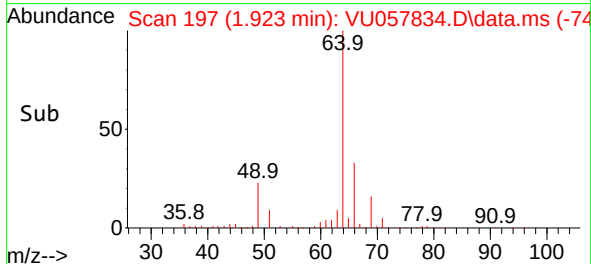
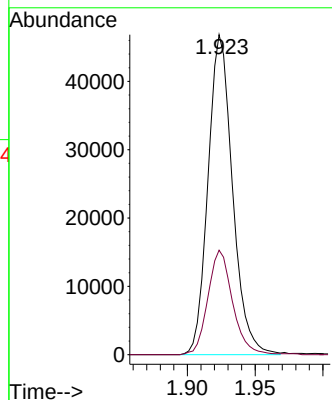
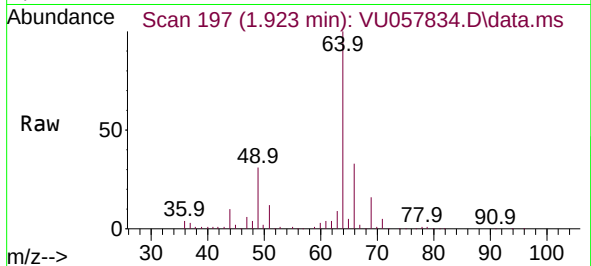




#8
Chloroethane
Concen: 44.362 ug/L
RT: 1.923 min Scan# 19
Delta R.T. -0.003 min
Lab File: VU057834.D
Acq: 07 Feb 2024 11:52

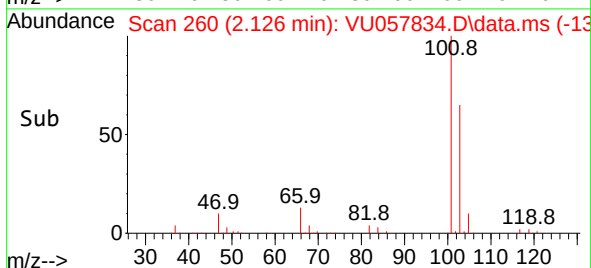
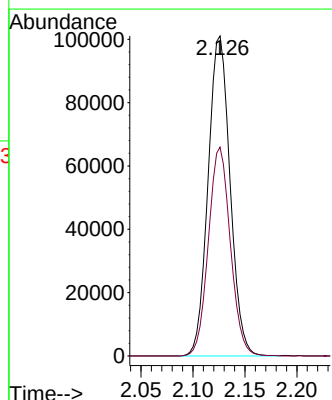
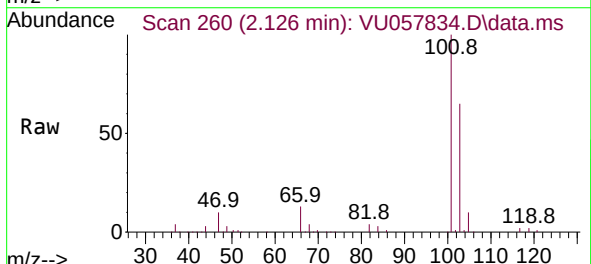
Instrument :
MSVOA_U
ClientSampleId :

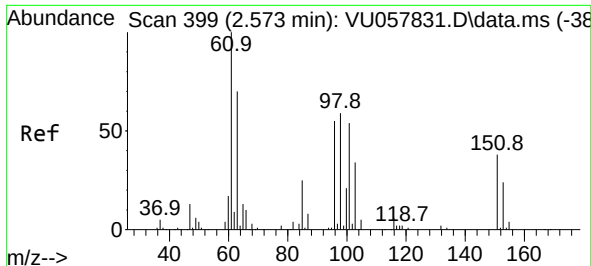
Tgt Ion: 64 Resp: 58938
Ion Ratio Lower Upper
64 100
66 32.7 22.1 41.1



#9
Trichlorofluoromethane
Concen: 47.756 ug/L
RT: 2.126 min Scan# 260
Delta R.T. -0.003 min
Lab File: VU057834.D
Acq: 07 Feb 2024 11:52

Tgt Ion:101 Resp: 148610
Ion Ratio Lower Upper
101 100
103 65.2 52.4 78.6

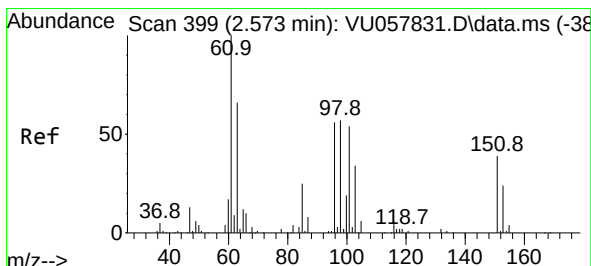
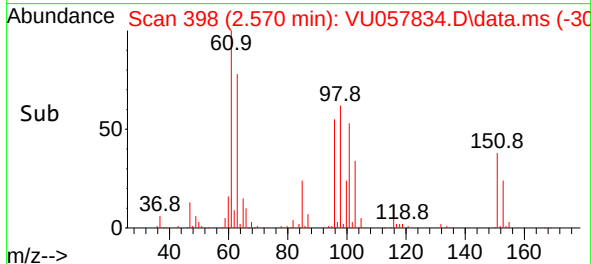
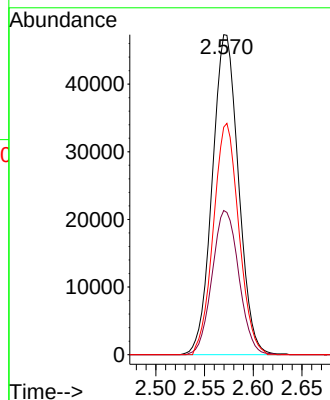
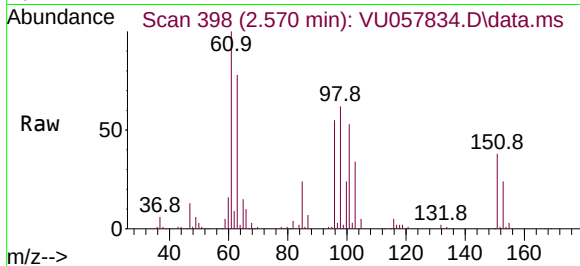




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 48.145 ug/L
RT: 2.570 min Scan# 398
Delta R.T. -0.003 min
Lab File: VU057834.D
Acq: 07 Feb 2024 11:52

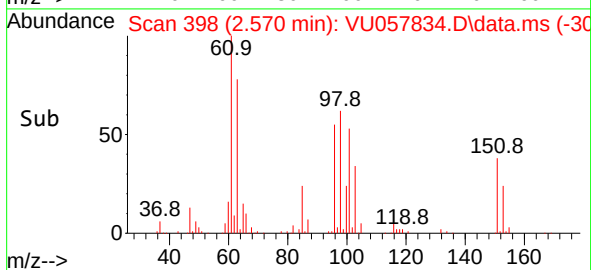
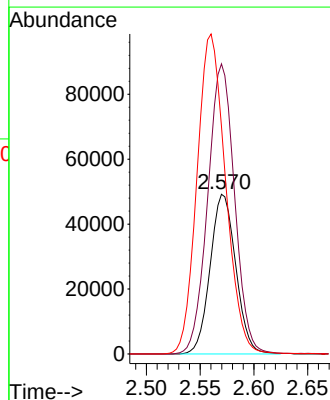
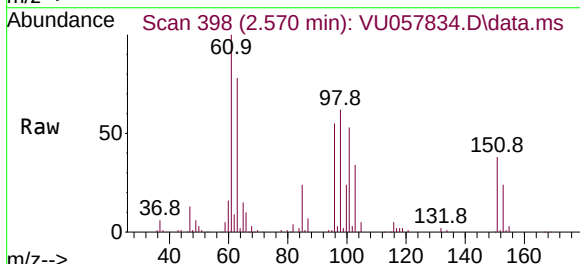
Instrument :
MSVOA_U
ClientSampleId :

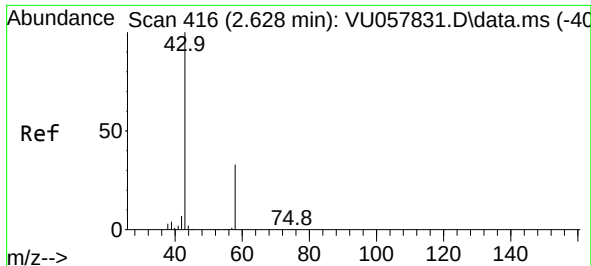
Tgt Ion	101	Resp	88428
Ion	Ratio	Lower	Upper
101	100		
85	45.9	36.1	54.1
151	70.5	55.8	83.6



#12
1,1-Dichloroethene
Concen: 48.614 ug/L
RT: 2.570 min Scan# 398
Delta R.T. -0.003 min
Lab File: VU057834.D
Acq: 07 Feb 2024 11:52

Tgt Ion	96	Resp	81548
Ion	Ratio	Lower	Upper
96	100		
61	181.7	126.3	234.6
63	142.5	89.7	166.7





#13

Acetone

Concen: 88.946 ug/L

RT: 2.624 min Scan# 416

Delta R.T. -0.003 min

Lab File: VU057834.D

Acq: 07 Feb 2024 11:52

Instrument :

MSVOA_U

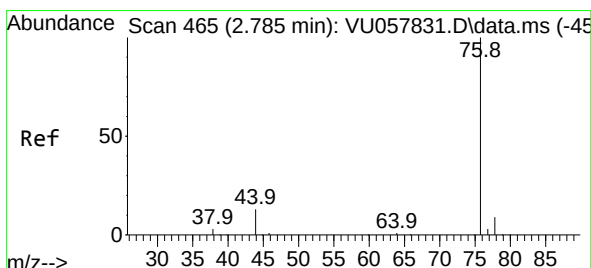
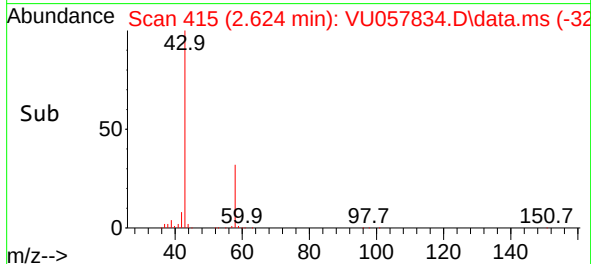
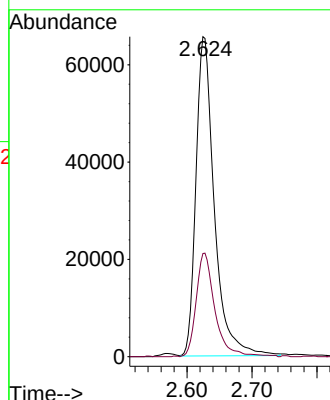
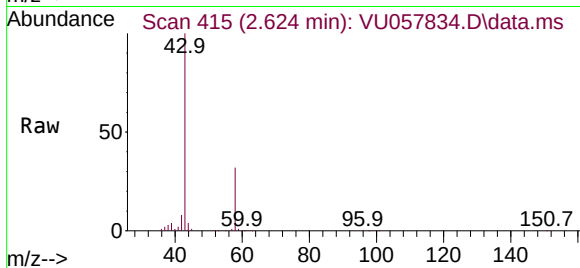
ClientSampleId :

Tgt Ion: 43 Resp: 129311

Ion Ratio Lower Upper

43 100

58 32.4 0.0 65.8



#14

Carbon disulfide

Concen: 49.460 ug/L

RT: 2.785 min Scan# 465

Delta R.T. -0.000 min

Lab File: VU057834.D

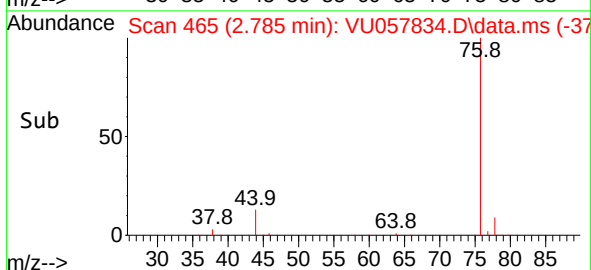
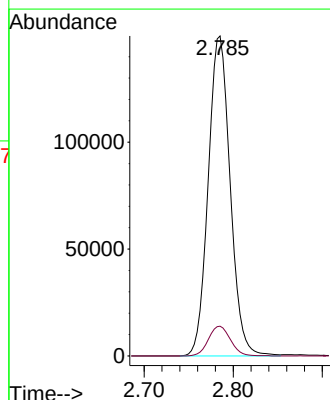
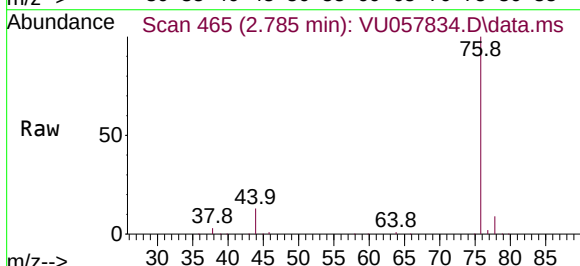
Acq: 07 Feb 2024 11:52

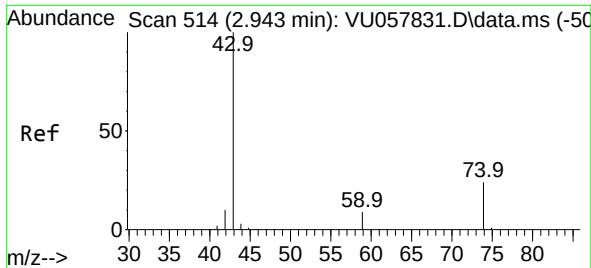
Tgt Ion: 76 Resp: 256204

Ion Ratio Lower Upper

76 100

78 9.3 7.2 10.8

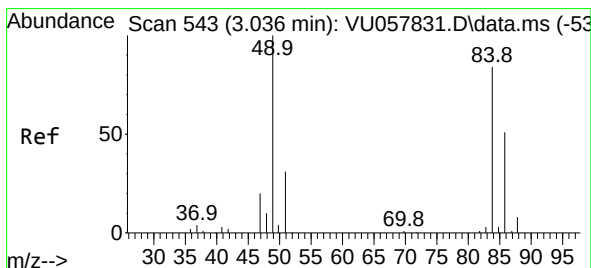
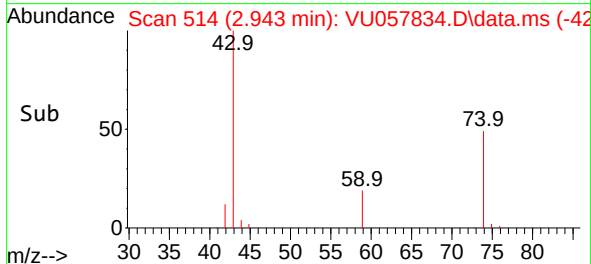
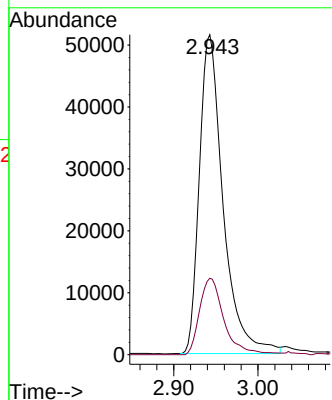
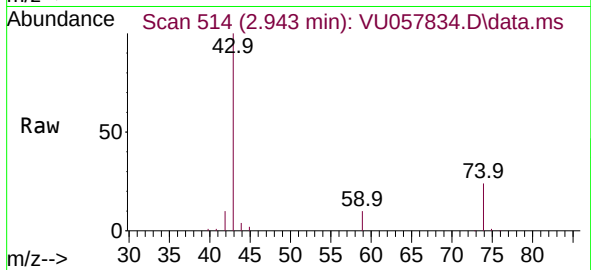




#15
Methyl Acetate
Concen: 54.636 ug/L
RT: 2.943 min Scan# 514
Delta R.T. -0.000 min
Lab File: VU057834.D
Acq: 07 Feb 2024 11:52

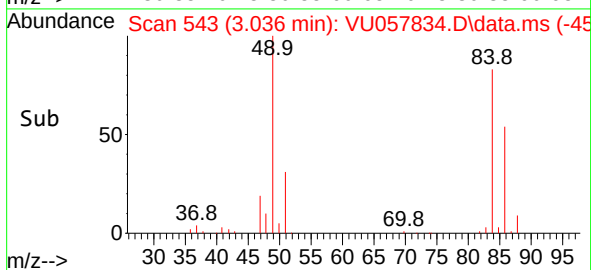
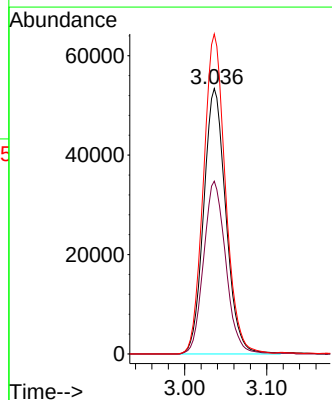
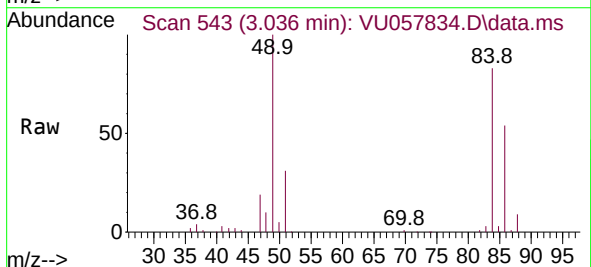
Instrument :
MSVOA_U
ClientSampleId :

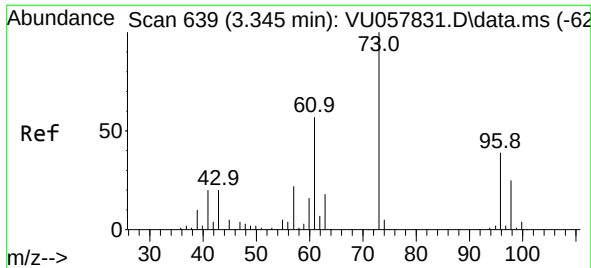
Tgt Ion: 43 Resp: 101051
Ion Ratio Lower Upper
43 100
74 24.3 19.7 29.5



#16
Methylene chloride
Concen: 51.720 ug/L
RT: 3.036 min Scan# 543
Delta R.T. -0.000 min
Lab File: VU057834.D
Acq: 07 Feb 2024 11:52

Tgt Ion: 84 Resp: 100237
Ion Ratio Lower Upper
84 100
86 65.1 43.0 80.0
49 120.5 83.7 155.4

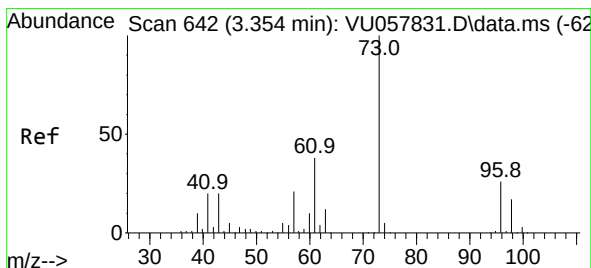
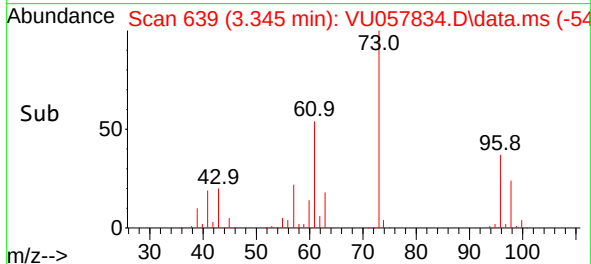
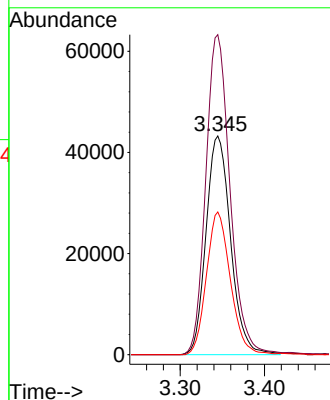
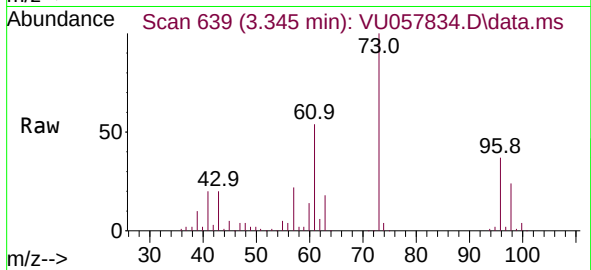




#17
 trans-1,2-Dichloroethene
 Concen: 51.426 ug/L
 RT: 3.345 min Scan# 61
 Delta R.T. -0.000 min
 Lab File: VU057834.D
 Acq: 07 Feb 2024 11:52

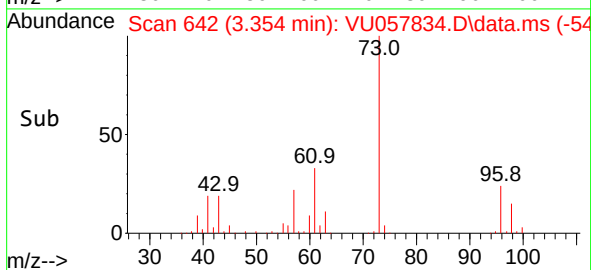
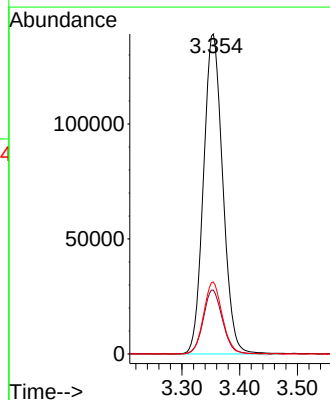
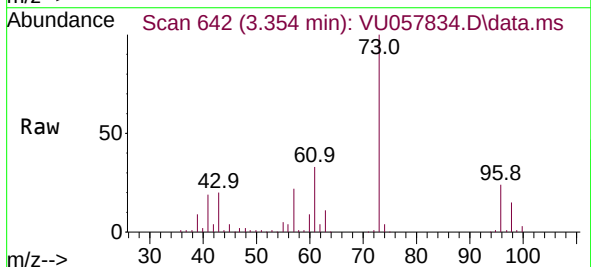
Instrument :
 MSVOA_U
 ClientSampleId :

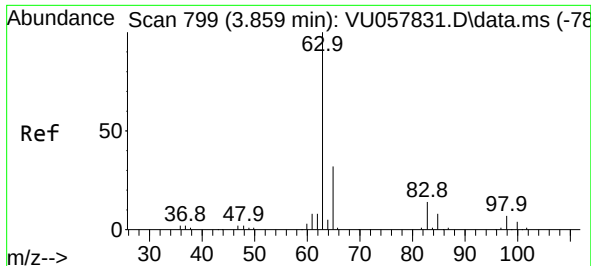
Tgt Ion: 96 Resp: 87906
 Ion Ratio Lower Upper
 96 100
 61 146.3 102.8 190.8
 98 65.3 44.2 82.2



#18
 Methyl tert-butyl Ether
 Concen: 53.746 ug/L
 RT: 3.354 min Scan# 642
 Delta R.T. -0.000 min
 Lab File: VU057834.D
 Acq: 07 Feb 2024 11:52

Tgt Ion: 73 Resp: 322500
 Ion Ratio Lower Upper
 73 100
 43 19.9 16.2 24.2
 57 21.9 17.6 26.4





#19

1,1-Dichloroethane

Concen: 51.389 ug/L

RT: 3.859 min Scan# 799

Delta R.T. -0.000 min

Lab File: VU057834.D

Acq: 07 Feb 2024 11:52

Instrument :

MSVOA_U

ClientSampleId :

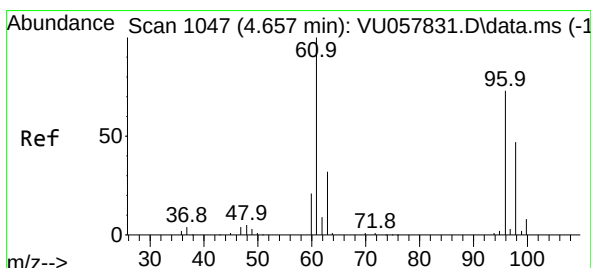
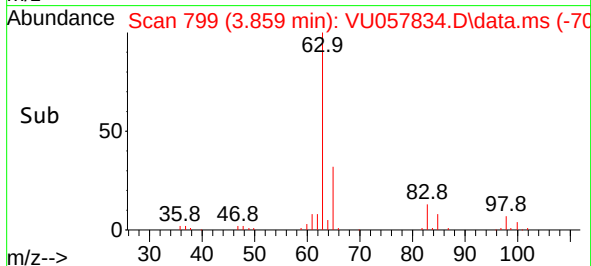
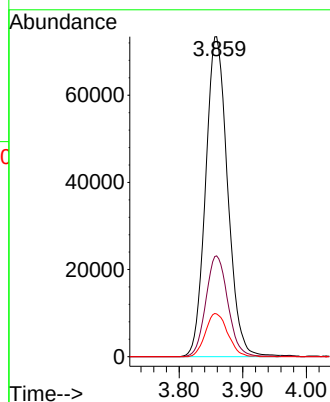
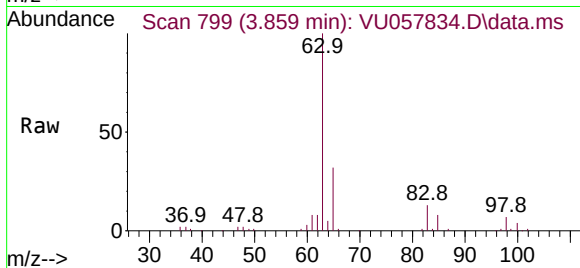
Tgt Ion: 63 Resp: 176287

Ion Ratio Lower Upper

63 100

65 31.5 22.7 42.3

83 13.3 9.5 17.7



#20

cis-1,2-Dichloroethene

Concen: 51.518 ug/L

RT: 4.656 min Scan# 1047

Delta R.T. -0.000 min

Lab File: VU057834.D

Acq: 07 Feb 2024 11:52

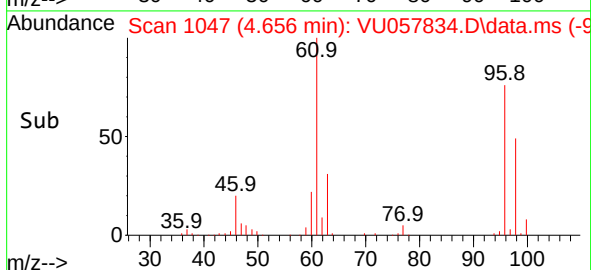
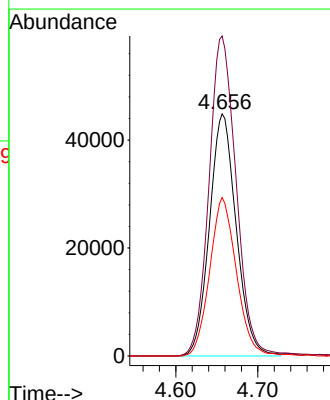
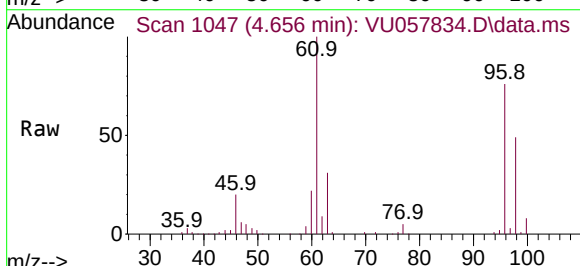
Tgt Ion: 96 Resp: 101649

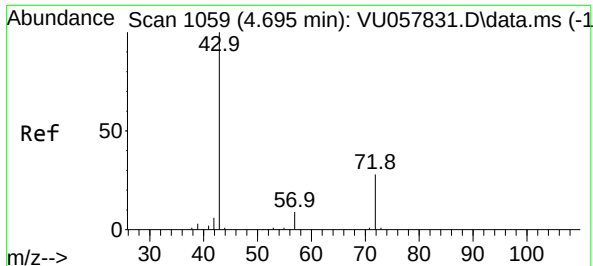
Ion Ratio Lower Upper

96 100

61 132.2 95.7 177.7

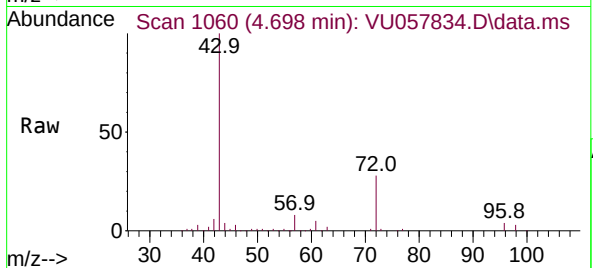
98 65.4 45.2 84.0



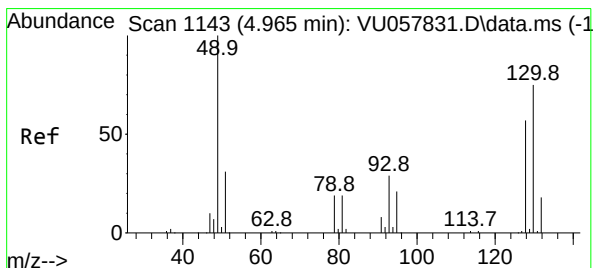
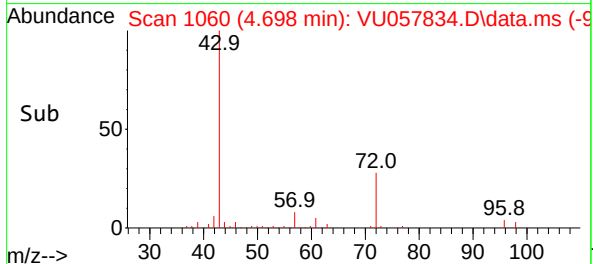
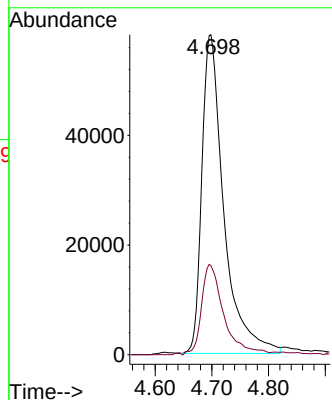


#22
2-Butanone
Concen: 101.038 ug/L
RT: 4.698 min Scan# 1060
Delta R.T. 0.003 min
Lab File: VU057834.D
Acq: 07 Feb 2024 11:52

Instrument :
MSVOA_U
ClientSampleId :

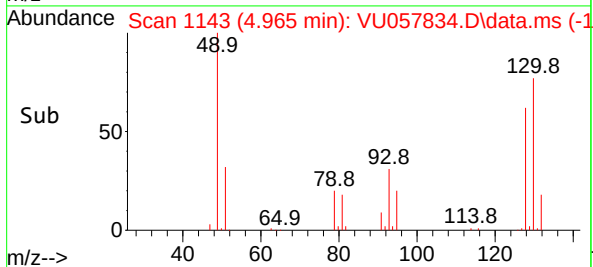
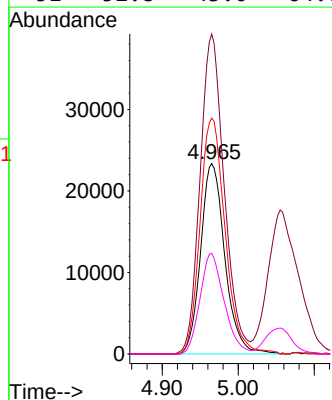
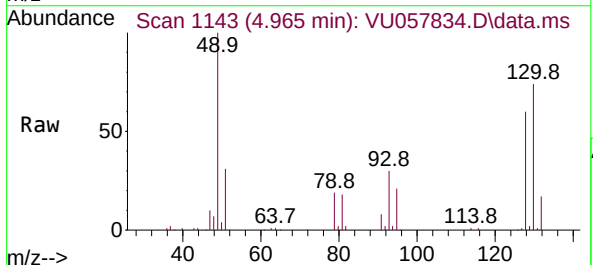


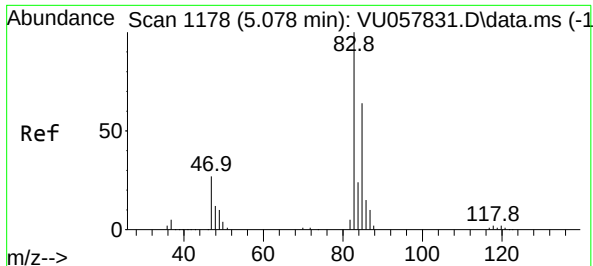
Tgt Ion: 43 Resp: 156537
Ion Ratio Lower Upper
43 100
72 26.2 13.8 41.3



#23
Bromochloromethane
Concen: 53.426 ug/L
RT: 4.965 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VU057834.D
Acq: 07 Feb 2024 11:52

Tgt Ion:128 Resp: 51679
Ion Ratio Lower Upper
128 100
49 168.0 122.4 227.2
130 123.9 91.8 170.4
51 52.8 43.0 64.6





#25

Chloroform

Concen: 51.896 ug/L

RT: 5.078 min Scan# 1178

Delta R.T. -0.000 min

Lab File: VU057834.D

Acq: 07 Feb 2024 11:52

Instrument :

MSVOA_U

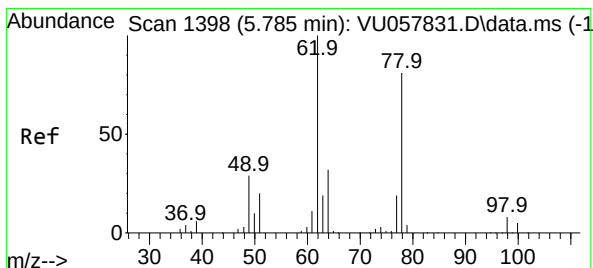
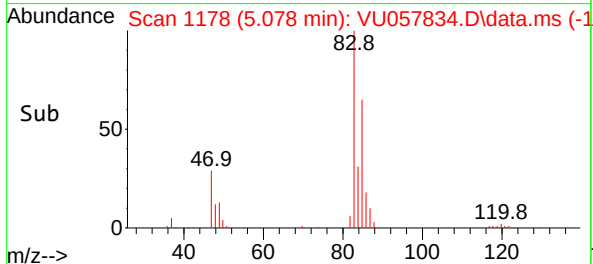
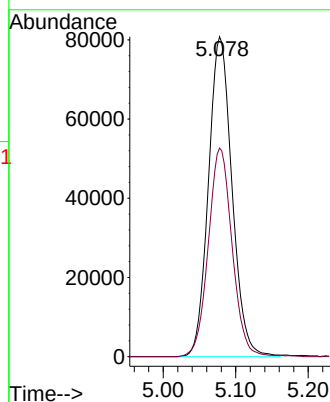
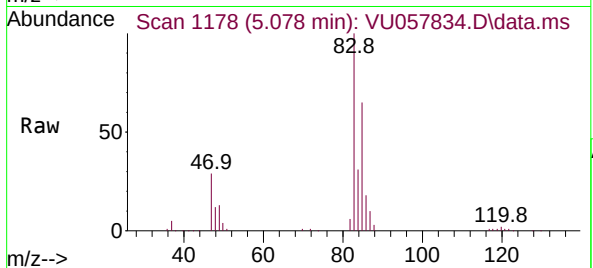
ClientSampleId :

Tgt Ion: 83 Resp: 182313

Ion Ratio Lower Upper

83 100

85 65.2 45.0 83.6



#27

1,2-Dichloroethane

Concen: 53.107 ug/L

RT: 5.785 min Scan# 1398

Delta R.T. -0.000 min

Lab File: VU057834.D

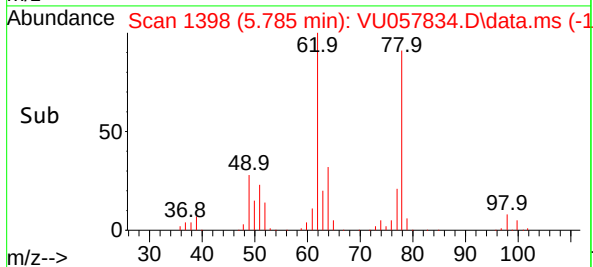
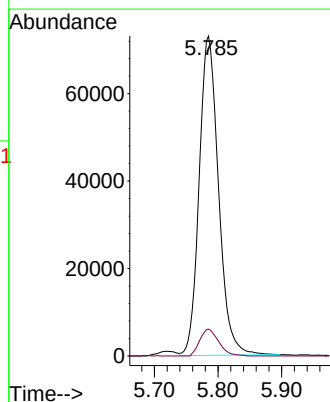
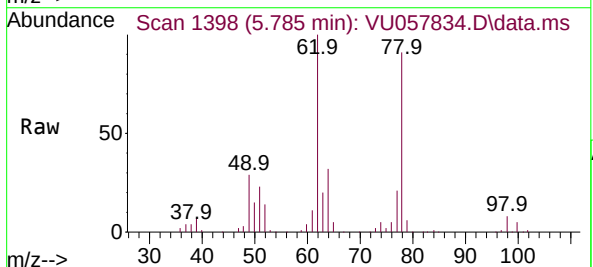
Acq: 07 Feb 2024 11:52

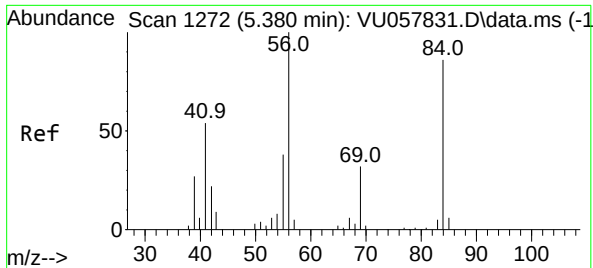
Tgt Ion: 62 Resp: 154499

Ion Ratio Lower Upper

62 100

98 8.4 6.7 10.1

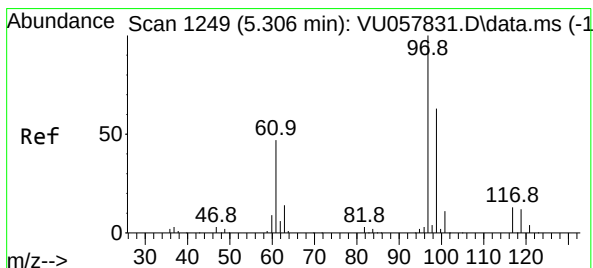
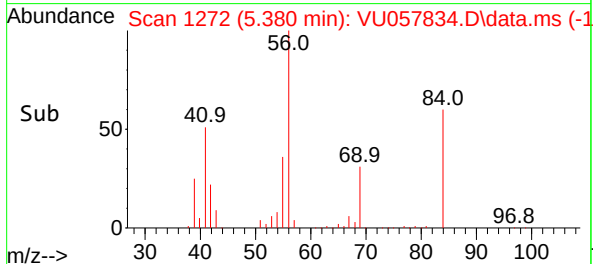
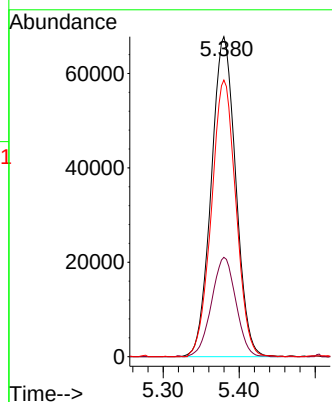
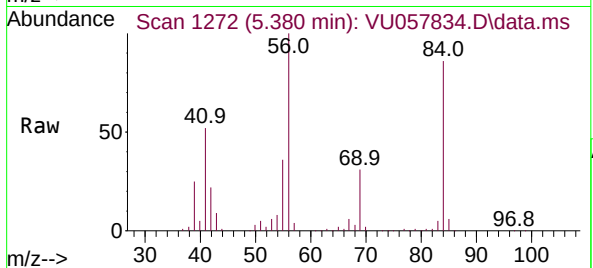




#29
Cyclohexane
Concen: 48.988 ug/L
RT: 5.380 min Scan# 1272
Delta R.T. -0.000 min
Lab File: VU057834.D
Acq: 07 Feb 2024 11:52

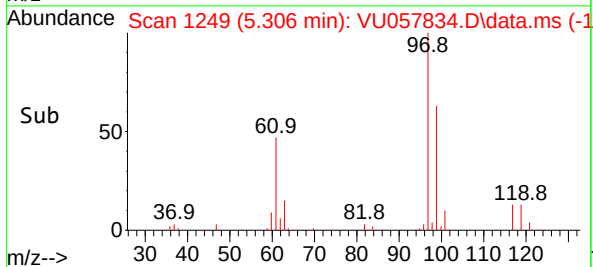
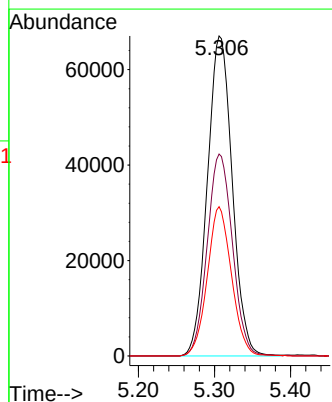
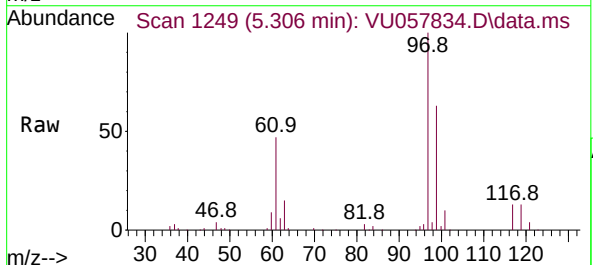
Instrument :
MSVOA_U
ClientSampleId :

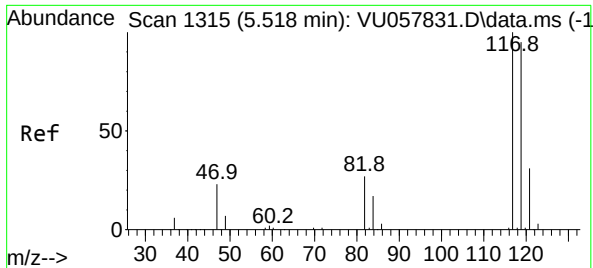
Tgt Ion: 56 Resp: 151615
Ion Ratio Lower Upper
56 100
69 30.9 25.4 38.0
84 86.3 70.4 105.6



#30
1,1,1-Trichloroethane
Concen: 49.632 ug/L
RT: 5.306 min Scan# 1249
Delta R.T. -0.000 min
Lab File: VU057834.D
Acq: 07 Feb 2024 11:52

Tgt Ion: 97 Resp: 152262
Ion Ratio Lower Upper
97 100
99 64.0 51.5 77.3
61 45.4 36.7 55.1

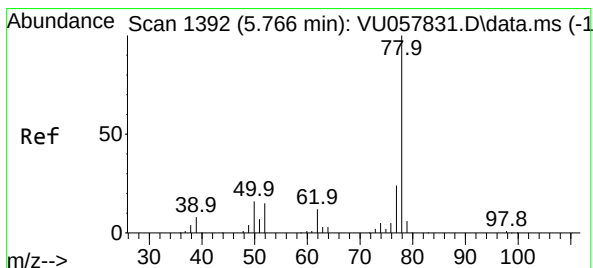
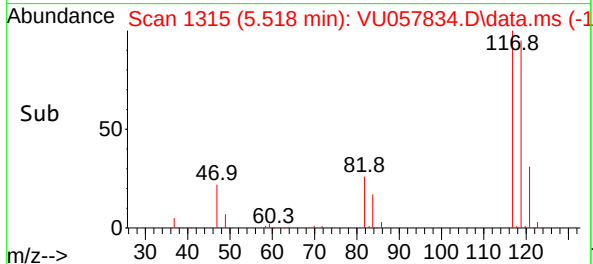
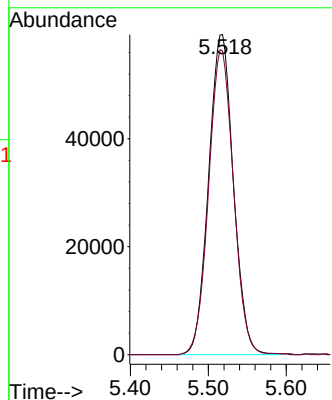
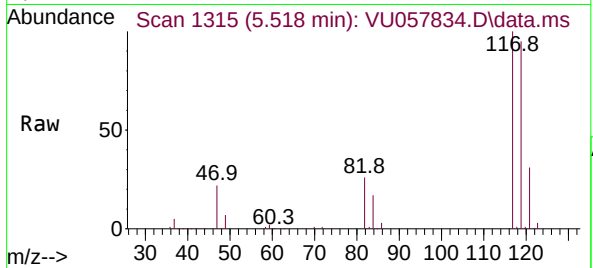




#31
Carbon tetrachloride
Concen: 49.008 ug/L
RT: 5.518 min Scan# 1315
Delta R.T. -0.000 min
Lab File: VU057834.D
Acq: 07 Feb 2024 11:52

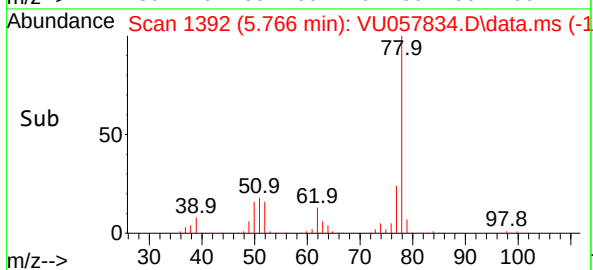
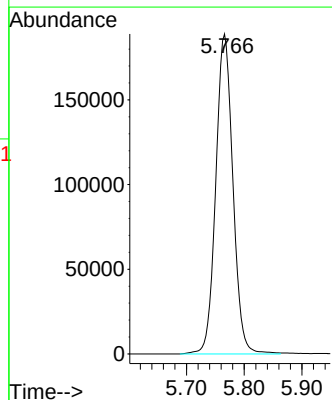
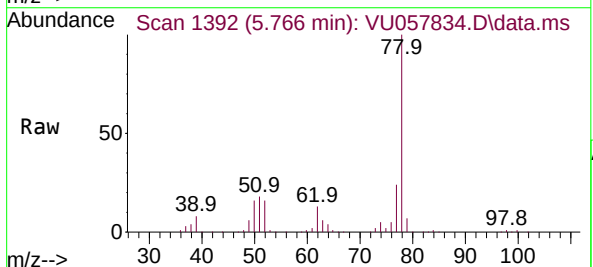
Instrument :
MSVOA_U
ClientSampleId :

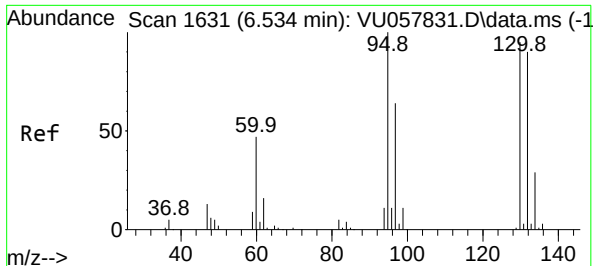
Tgt Ion:117 Resp: 130904
Ion Ratio Lower Upper
117 100
119 95.5 76.7 115.1



#33
Benzene
Concen: 51.711 ug/L
RT: 5.766 min Scan# 1392
Delta R.T. -0.000 min
Lab File: VU057834.D
Acq: 07 Feb 2024 11:52

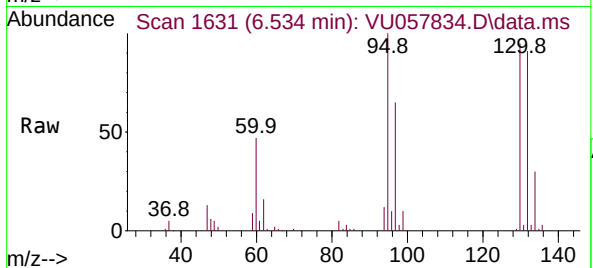
Tgt Ion: 78 Resp: 389344



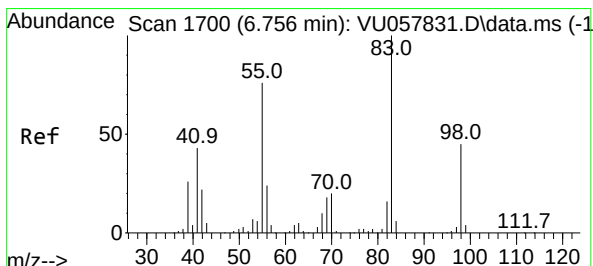
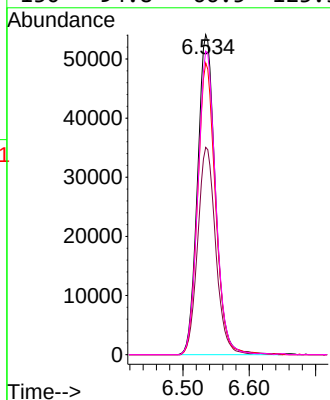
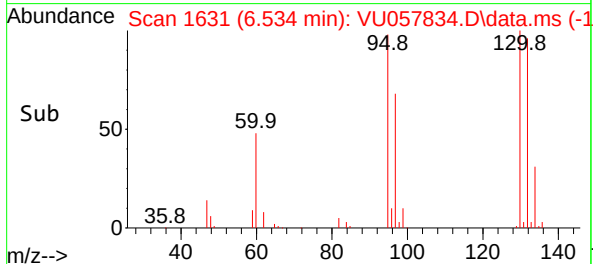


#34
Trichloroethene
Concen: 50.001 ug/L
RT: 6.534 min Scan# 1
Delta R.T. -0.000 min
Lab File: VU057834.D
Acq: 07 Feb 2024 11:52

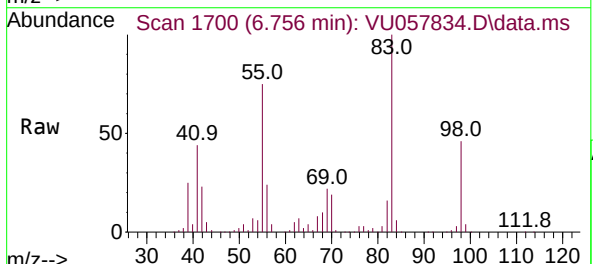
Instrument :
MSVOA_U
ClientSampleId :



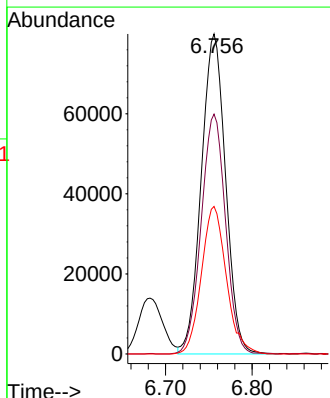
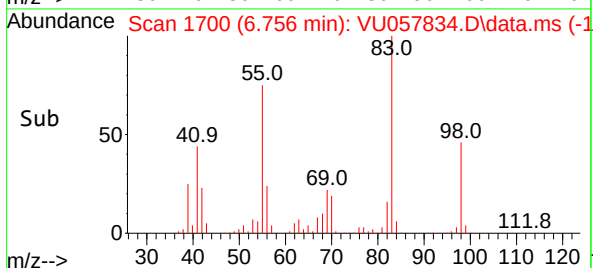
Tgt Ion: 95 Resp: 101231
Ion Ratio Lower Upper
95 100
97 64.8 44.9 83.5
132 91.2 63.1 117.1
130 94.8 66.5 123.5

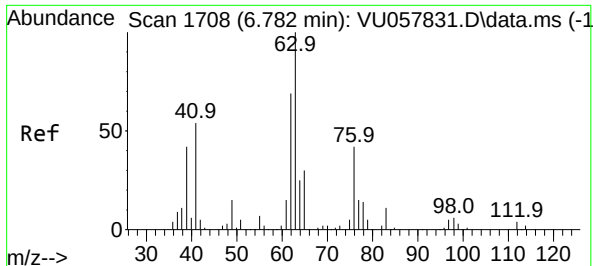


#35
Methylcyclohexane
Concen: 48.167 ug/L
RT: 6.756 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VU057834.D
Acq: 07 Feb 2024 11:52



Tgt Ion: 83 Resp: 156009
Ion Ratio Lower Upper
83 100
55 75.1 59.9 89.9
98 47.1 36.8 55.2

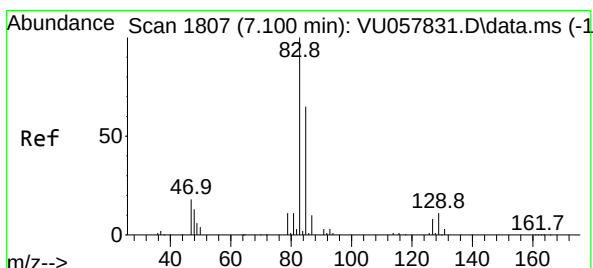
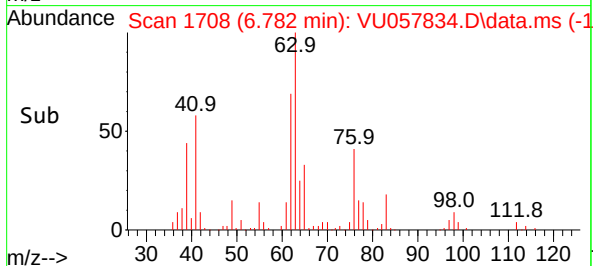
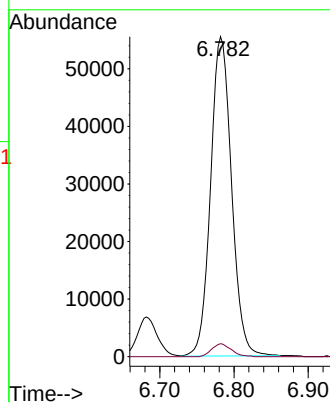
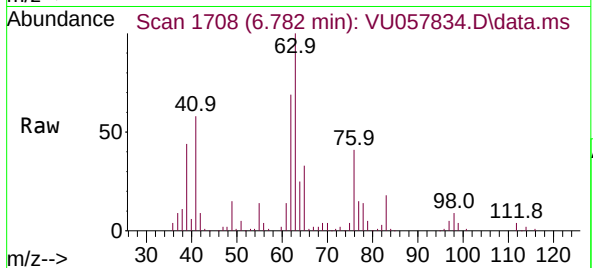




#37
1,2-Dichloropropane
Concen: 52.691 ug/L
RT: 6.782 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU057834.D
Acq: 07 Feb 2024 11:52

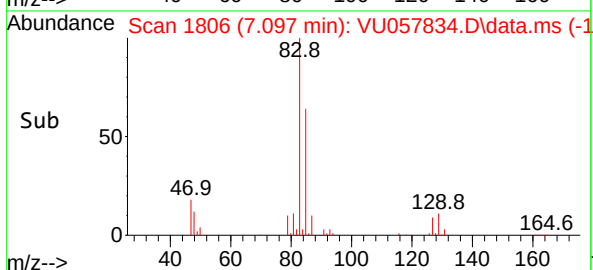
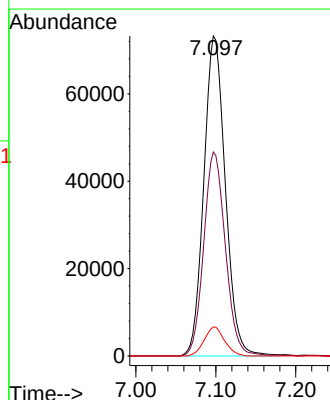
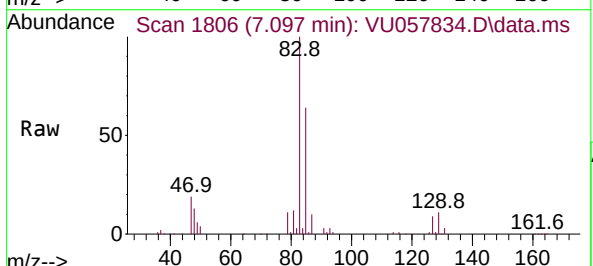
Instrument :
MSVOA_U
ClientSampleId :

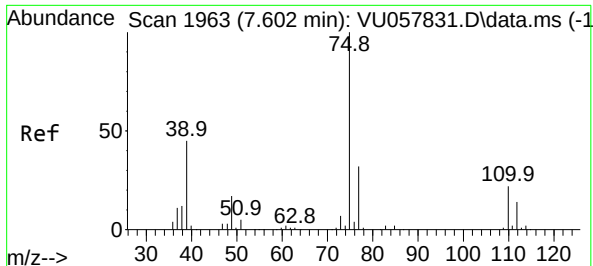
Tgt Ion: 63 Resp: 108767
Ion Ratio Lower Upper
63 100
112 3.8 3.0 4.6



#38
Bromodichloromethane
Concen: 52.791 ug/L
RT: 7.097 min Scan# 1806
Delta R.T. -0.003 min
Lab File: VU057834.D
Acq: 07 Feb 2024 11:52

Tgt Ion: 83 Resp: 137207
Ion Ratio Lower Upper
83 100
85 63.7 45.6 84.6
127 9.1 7.2 10.8





#39

cis-1,3-Dichloropropene

Concen: 52.952 ug/L

RT: 7.602 min Scan# 1963

Delta R.T. -0.000 min

Lab File: VU057834.D

Acq: 07 Feb 2024 11:52

Instrument :

MSVOA_U

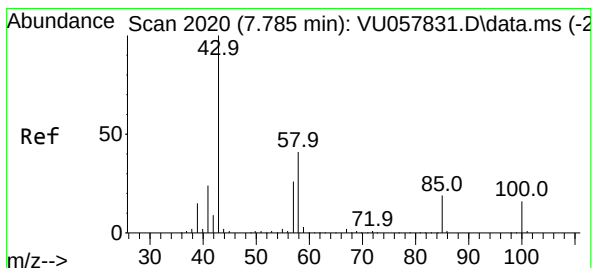
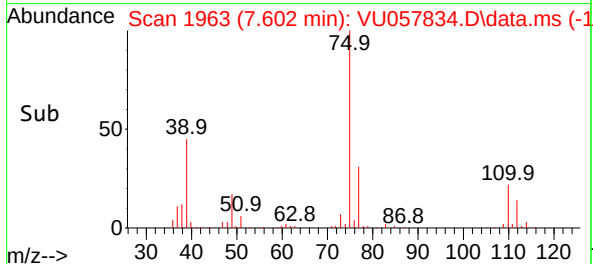
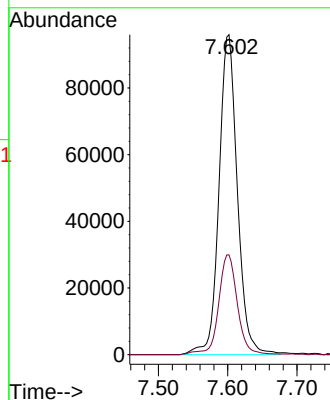
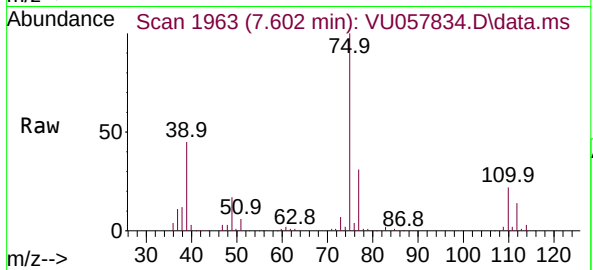
ClientSampleId :

Tgt Ion: 75 Resp: 177170

Ion Ratio Lower Upper

75 100

77 31.2 22.1 41.1



#40

4-Methyl-2-pentanone

Concen: 112.725 ug/L

RT: 7.785 min Scan# 2020

Delta R.T. -0.000 min

Lab File: VU057834.D

Acq: 07 Feb 2024 11:52

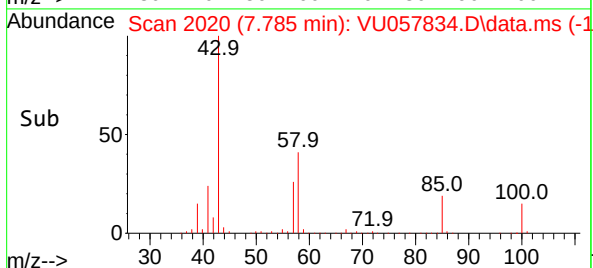
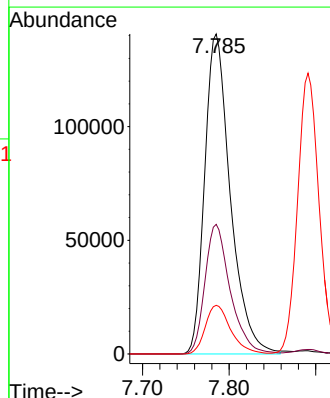
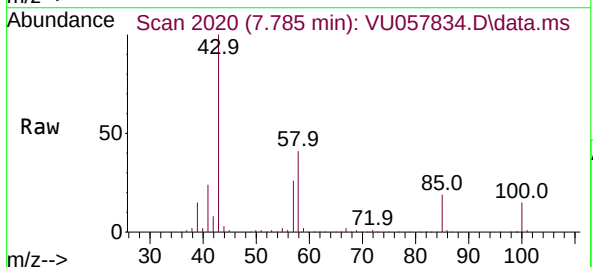
Tgt Ion: 43 Resp: 289655

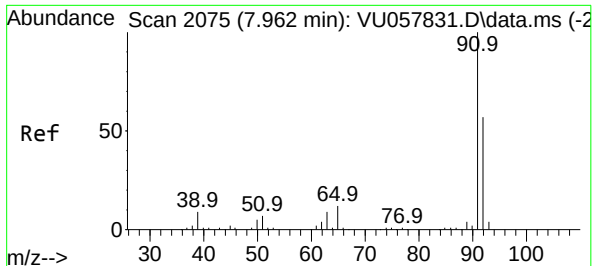
Ion Ratio Lower Upper

43 100

58 40.0 32.5 48.7

100 15.1 12.2 18.4





#42

Toluene

Concen: 51.034 ug/L

RT: 7.962 min Scan# 2075

Delta R.T. -0.000 min

Lab File: VU057834.D

Acq: 07 Feb 2024 11:52

Instrument :

MSVOA_U

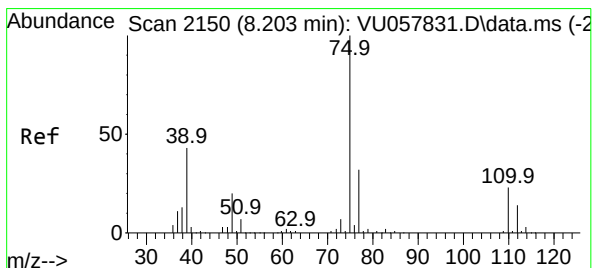
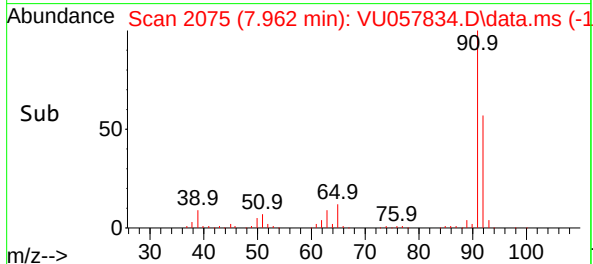
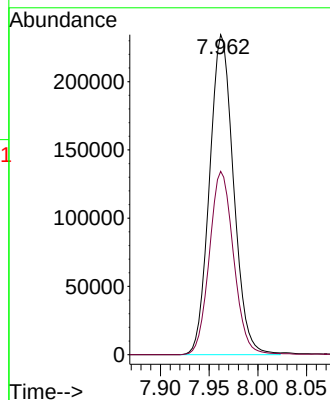
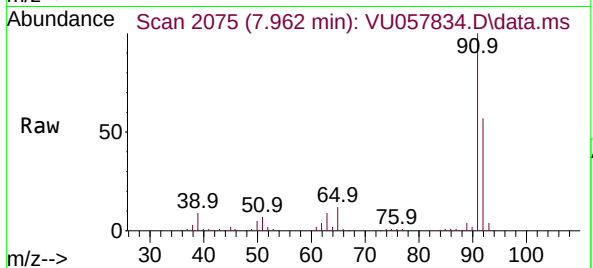
ClientSampleId :

Tgt Ion: 91 Resp: 402437

Ion Ratio Lower Upper

91 100

92 57.3 39.8 73.8



#44

trans-1,3-Dichloropropene

Concen: 53.359 ug/L

RT: 8.203 min Scan# 2150

Delta R.T. -0.000 min

Lab File: VU057834.D

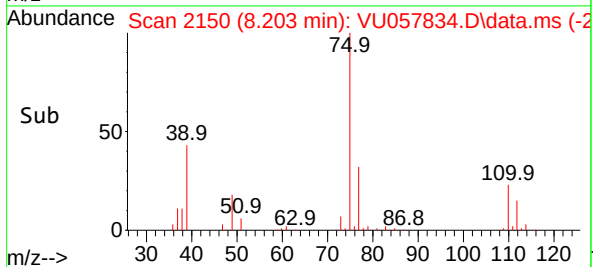
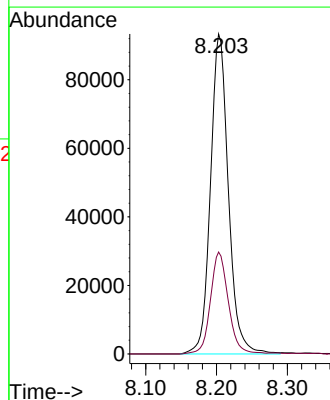
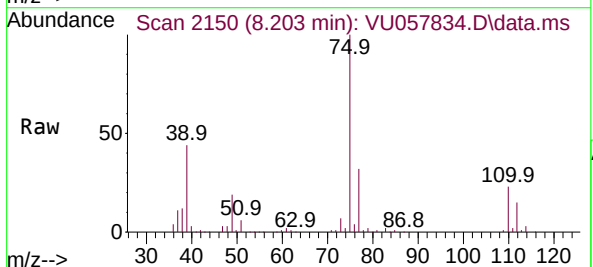
Acq: 07 Feb 2024 11:52

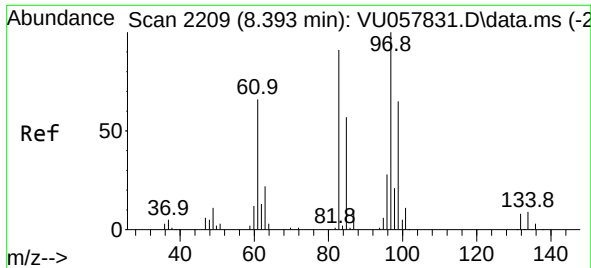
Tgt Ion: 75 Resp: 163906

Ion Ratio Lower Upper

75 100

77 31.9 22.4 41.6



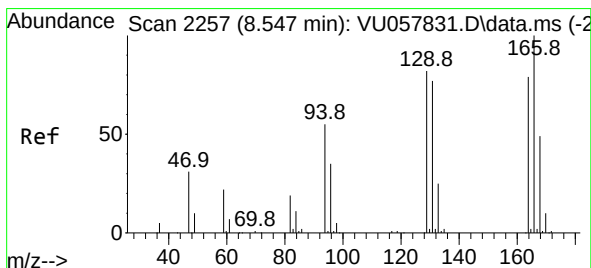
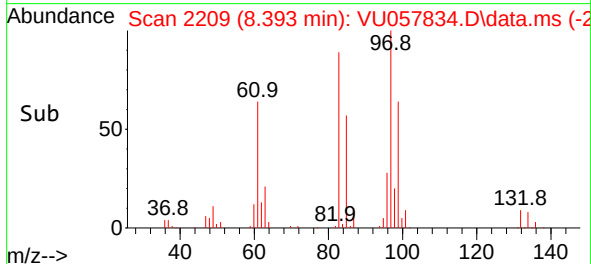
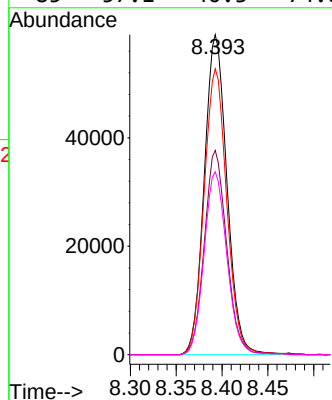
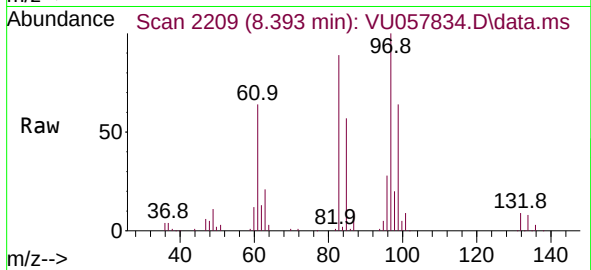


#45
1,1,2-Trichloroethane
Concen: 53.345 ug/L
RT: 8.393 min Scan# 2209
Delta R.T. -0.000 min
Lab File: VU057834.D
Acq: 07 Feb 2024 11:52

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 97 Resp: 101680

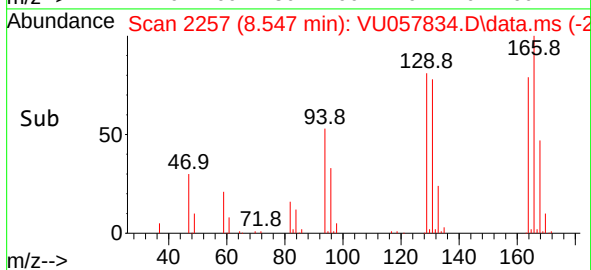
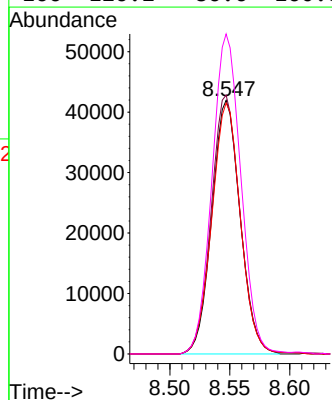
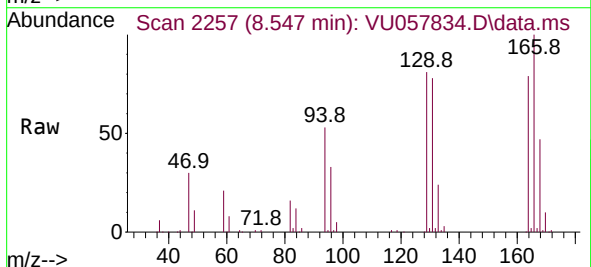
Ion	Ratio	Lower	Upper
97	100		
99	63.8	45.1	83.9
83	89.4	63.8	118.6
85	57.1	40.3	74.8

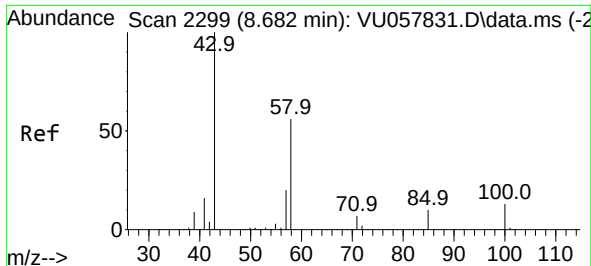


#46
Tetrachloroethene
Concen: 48.999 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. -0.000 min
Lab File: VU057834.D
Acq: 07 Feb 2024 11:52

Tgt Ion: 164 Resp: 68807

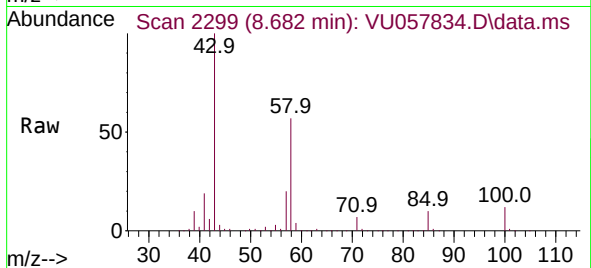
Ion	Ratio	Lower	Upper
164	100		
129	102.1	70.8	131.4
131	99.0	66.8	124.0
166	126.2	86.6	160.8



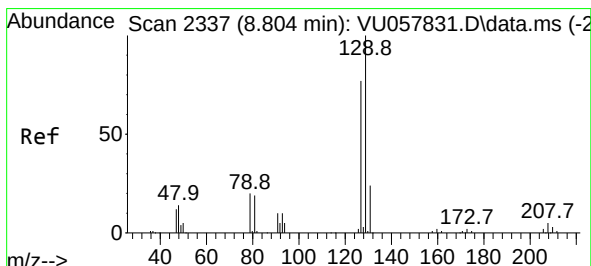
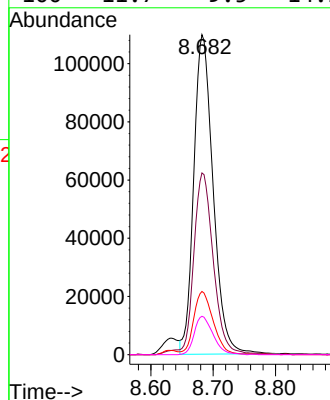
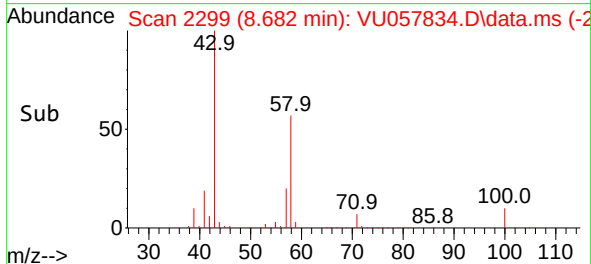


#48
2-Hexanone
Concen: 105.794 ug/L
RT: 8.682 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU057834.D
Acq: 07 Feb 2024 11:52

Instrument :
MSVOA_U
ClientSampleId :

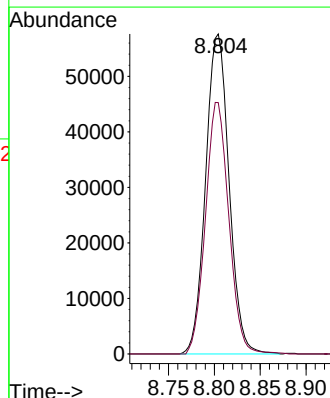
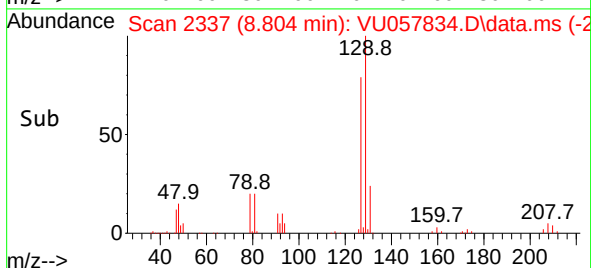
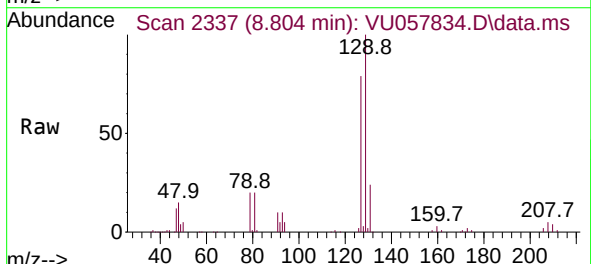


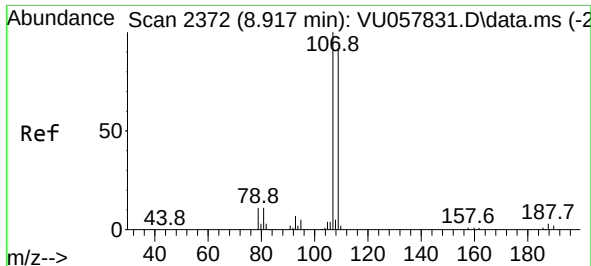
Tgt Ion: 43 Resp: 236487
Ion Ratio Lower Upper
43 100
58 56.1 44.1 66.1
57 19.6 15.4 23.2
100 11.7 9.5 14.3



#49
Dibromochloromethane
Concen: 53.266 ug/L
RT: 8.804 min Scan# 2337
Delta R.T. -0.000 min
Lab File: VU057834.D
Acq: 07 Feb 2024 11:52

Tgt Ion: 129 Resp: 102399
Ion Ratio Lower Upper
129 100
127 78.5 54.1 100.5





#50

1,2-Dibromoethane

Concen: 53.401 ug/L

RT: 8.917 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU057834.D

Acq: 07 Feb 2024 11:52

Instrument :

MSVOA_U

ClientSampleId :

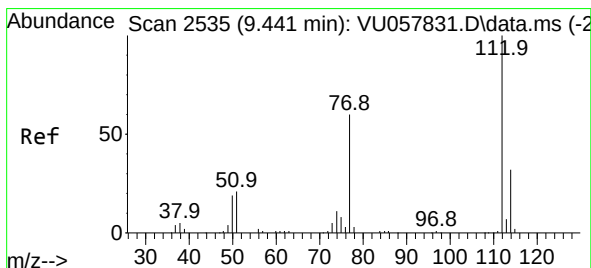
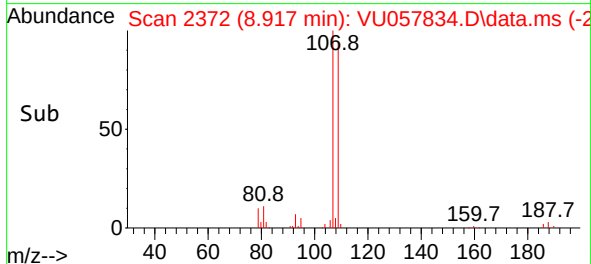
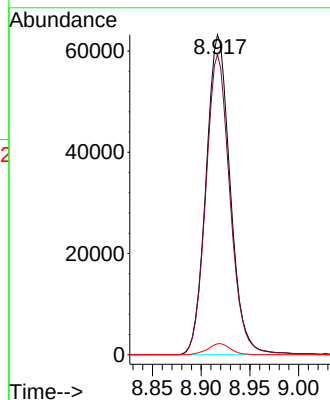
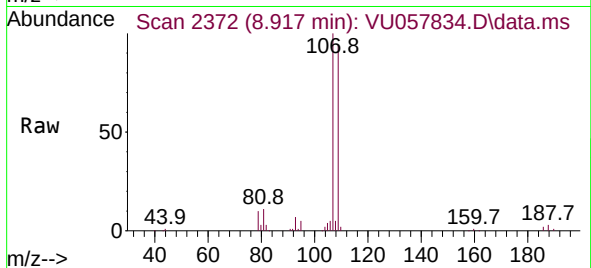
Tgt Ion:107 Resp: 108753

Ion Ratio Lower Upper

107 100

109 94.0 64.4 119.6

188 3.4 2.6 3.8



#51

Chlorobenzene

Concen: 50.965 ug/L

RT: 9.441 min Scan# 2535

Delta R.T. -0.000 min

Lab File: VU057834.D

Acq: 07 Feb 2024 11:52

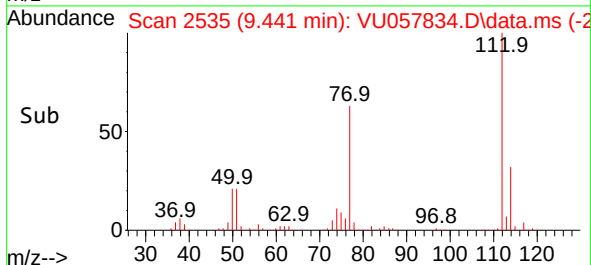
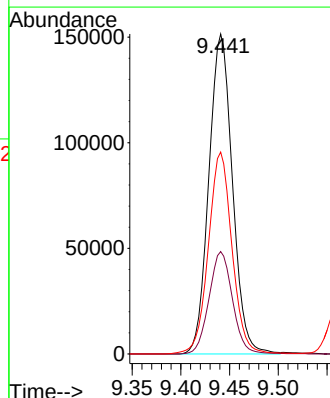
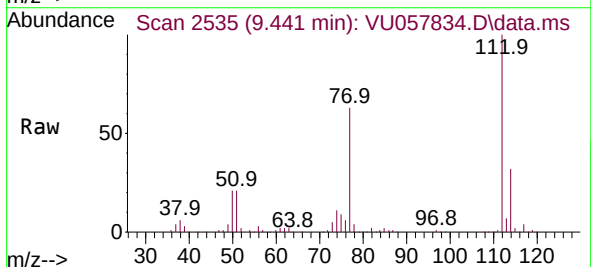
Tgt Ion:112 Resp: 255241

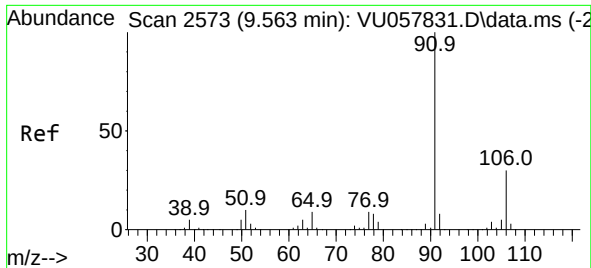
Ion Ratio Lower Upper

112 100

114 32.0 22.0 41.0

77 63.1 48.2 72.4

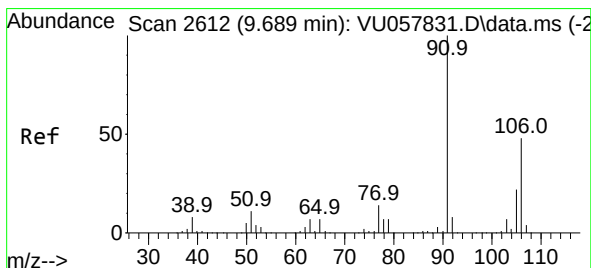
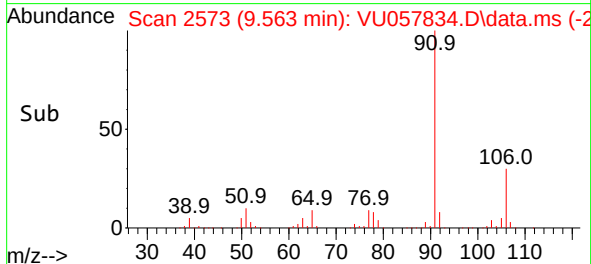
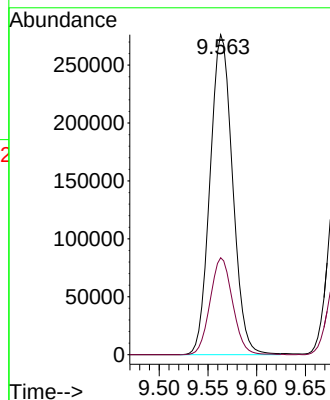
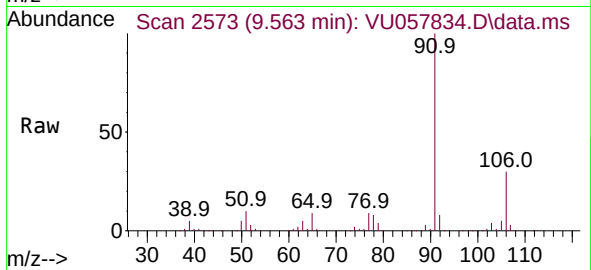




#52
Ethylbenzene
Concen: 49.676 ug/L
RT: 9.563 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU057834.D
Acq: 07 Feb 2024 11:52

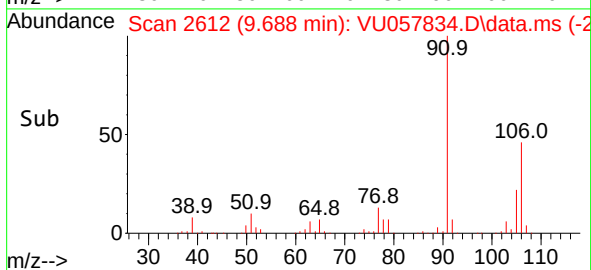
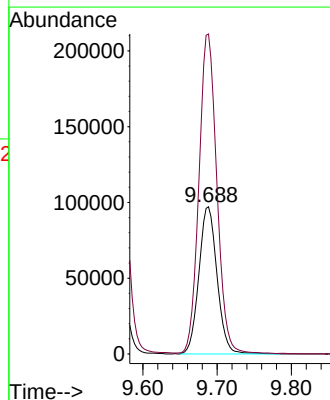
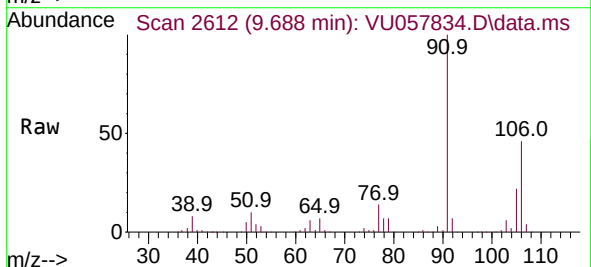
Instrument :
MSVOA_U
ClientSampleId :

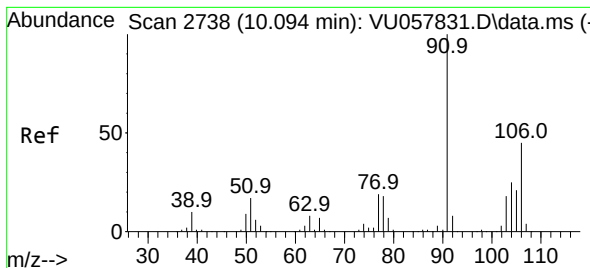
Tgt Ion: 91 Resp: 444361
Ion Ratio Lower Upper
91 100
106 33.0 20.9 38.9



#53
m,p-Xylene
Concen: 50.264 ug/L
RT: 9.688 min Scan# 2612
Delta R.T. -0.000 min
Lab File: VU057834.D
Acq: 07 Feb 2024 11:52

Tgt Ion:106 Resp: 165240
Ion Ratio Lower Upper
106 100
91 217.5 145.3 269.9





#54

o-Xylene

Concen: 51.249 ug/L

RT: 10.094 min Scan# 2738

Delta R.T. -0.000 min

Lab File: VU057834.D

Acq: 07 Feb 2024 11:52

Instrument :

MSVOA_U

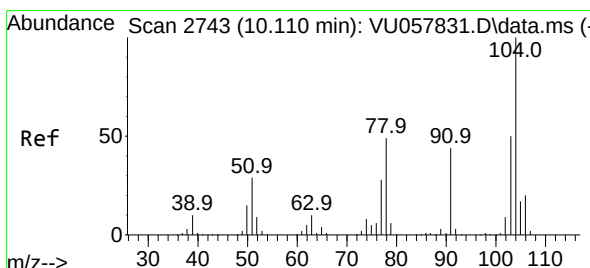
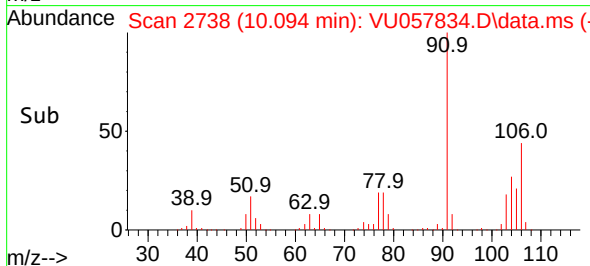
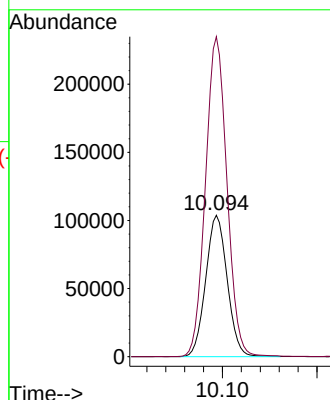
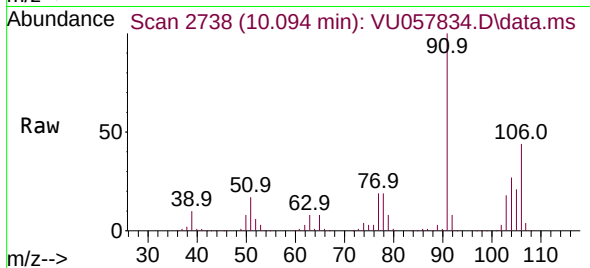
ClientSampleId :

Tgt Ion:106 Resp: 164055

Ion Ratio Lower Upper

106 100

91 208.0 155.3 288.3



#55

Styrene

Concen: 52.421 ug/L

RT: 10.110 min Scan# 2743

Delta R.T. -0.000 min

Lab File: VU057834.D

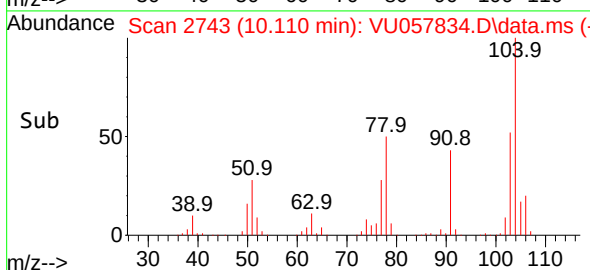
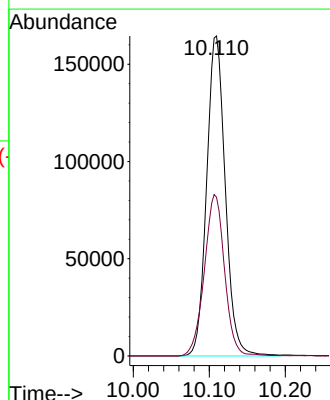
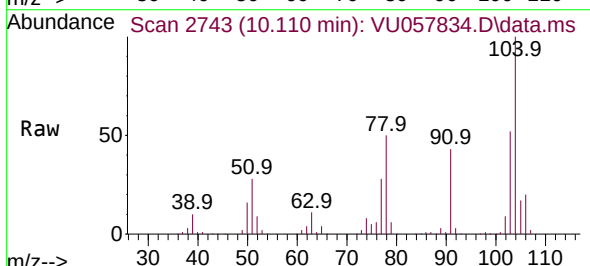
Acq: 07 Feb 2024 11:52

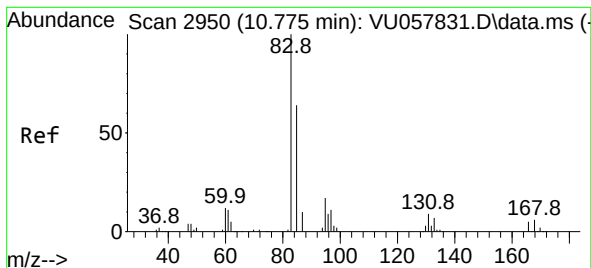
Tgt Ion:104 Resp: 280122

Ion Ratio Lower Upper

104 100

78 49.6 34.3 63.7





#57

1,1,2,2-Tetrachloroethane

Concen: 54.985 ug/L

RT: 10.775 min Scan# 2950

Delta R.T. -0.000 min

Lab File: VU057834.D

Acq: 07 Feb 2024 11:52

Instrument :

MSVOA_U

ClientSampleId :

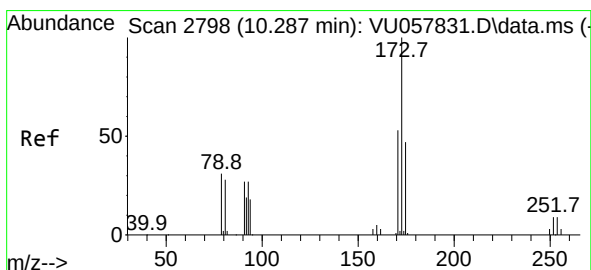
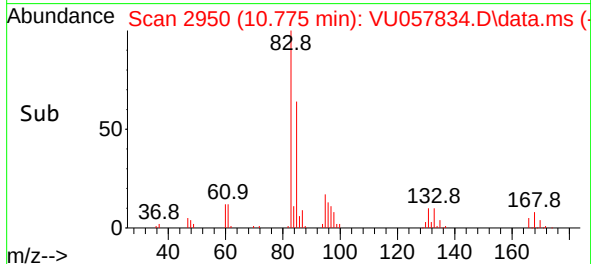
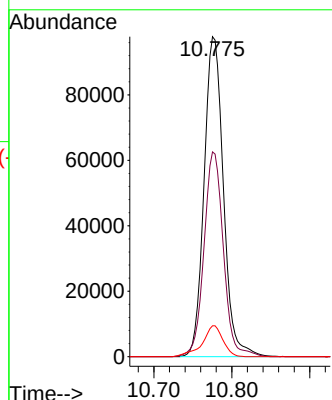
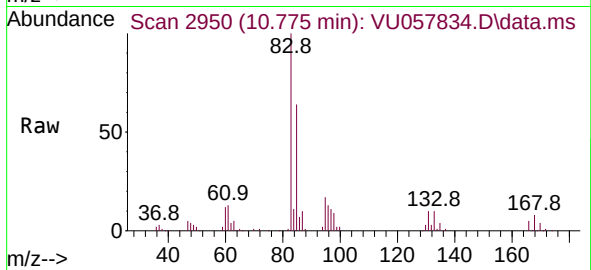
Tgt Ion: 83 Resp: 168903

Ion Ratio Lower Upper

83 100

85 64.0 45.1 83.7

131 9.6 7.5 11.3



#59

Bromoform

Concen: 53.632 ug/L

RT: 10.286 min Scan# 2798

Delta R.T. -0.000 min

Lab File: VU057834.D

Acq: 07 Feb 2024 11:52

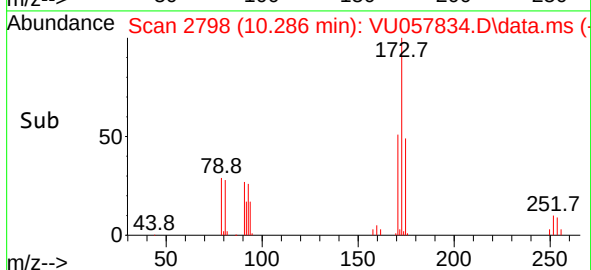
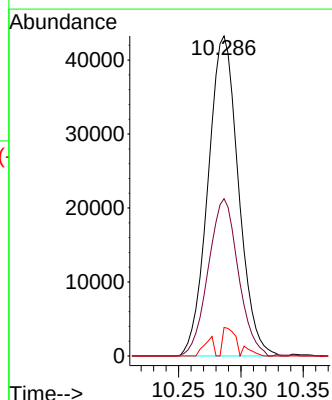
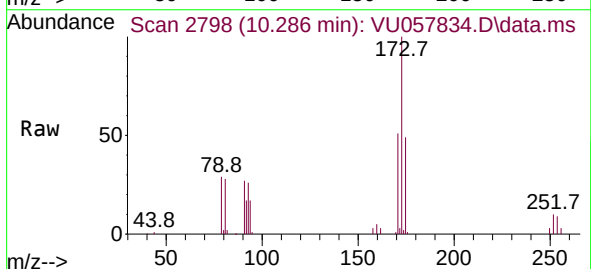
Tgt Ion:173 Resp: 73545

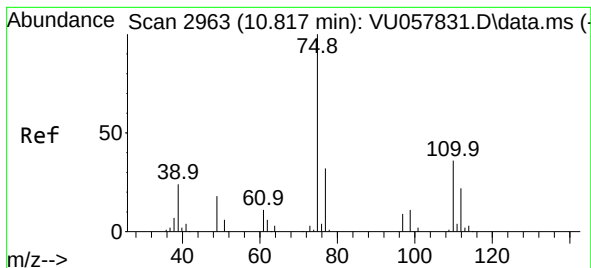
Ion Ratio Lower Upper

173 100

175 48.5 37.7 56.5

254 3.5 6.2 9.2#





#60

1,2,3-Trichloropropane

Concen: 54.710 ug/L

RT: 10.817 min Scan# 2963

Delta R.T. -0.000 min

Lab File: VU057834.D

Acq: 07 Feb 2024 11:52

Instrument :

MSVOA_U

ClientSampleId :

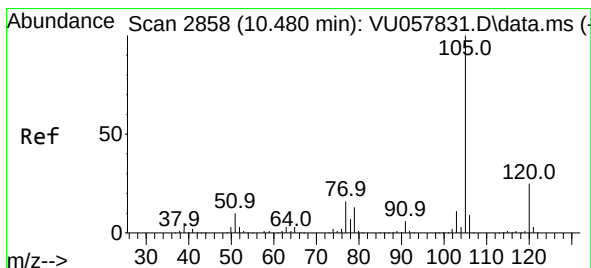
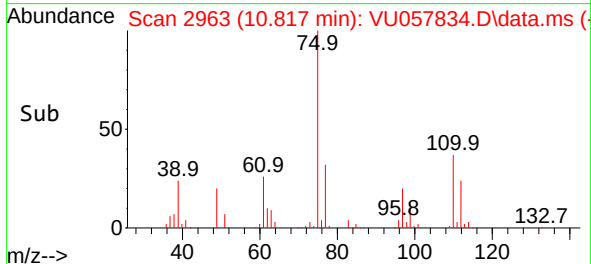
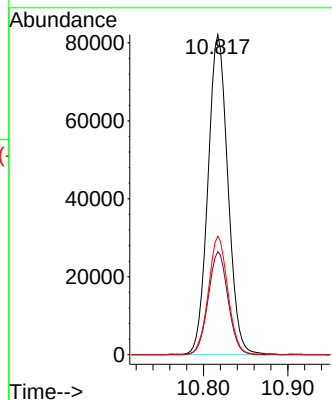
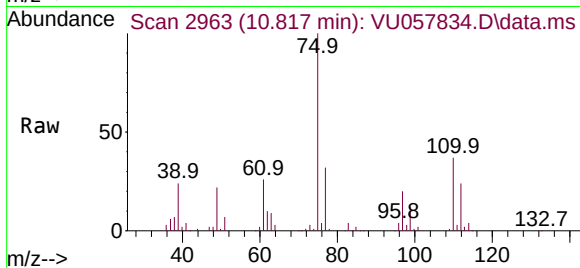
Tgt Ion: 75 Resp: 135193

Ion Ratio Lower Upper

75 100

77 31.9 26.1 39.1

110 36.1 29.1 43.7



#61

Isopropylbenzene

Concen: 50.534 ug/L

RT: 10.476 min Scan# 2857

Delta R.T. -0.003 min

Lab File: VU057834.D

Acq: 07 Feb 2024 11:52

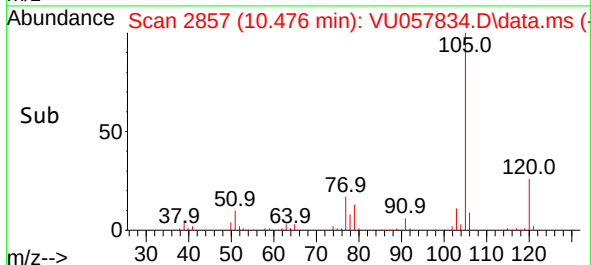
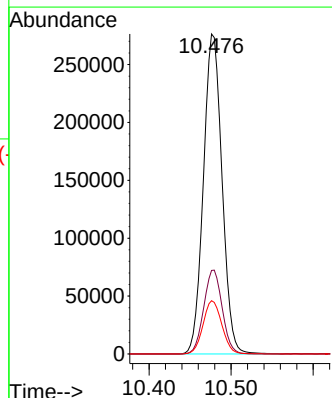
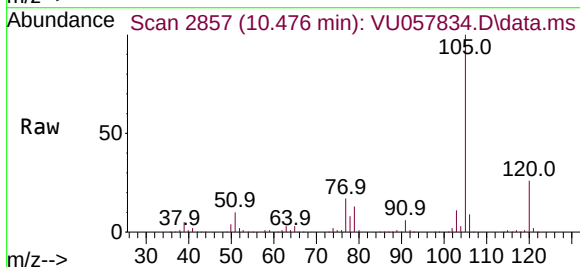
Tgt Ion:105 Resp: 435790

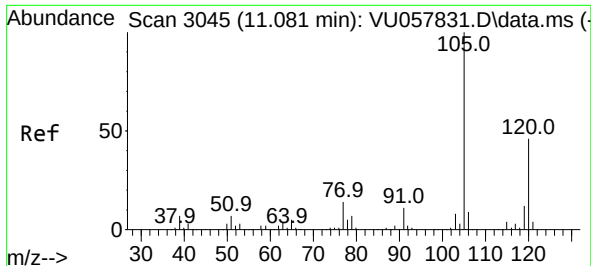
Ion Ratio Lower Upper

105 100

120 26.0 20.6 30.8

77 16.8 13.2 19.8

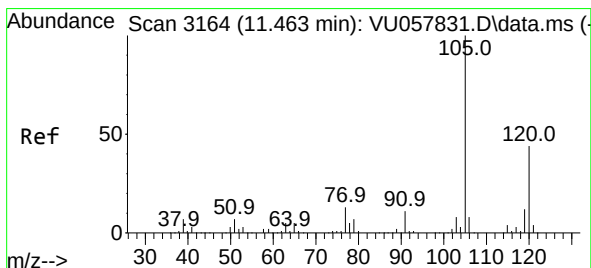
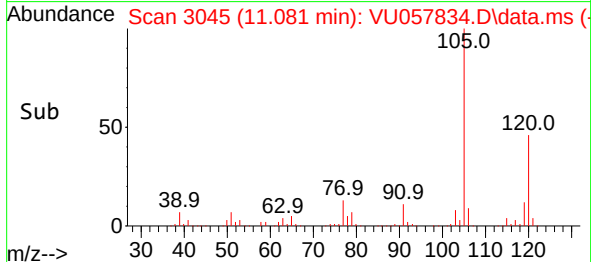
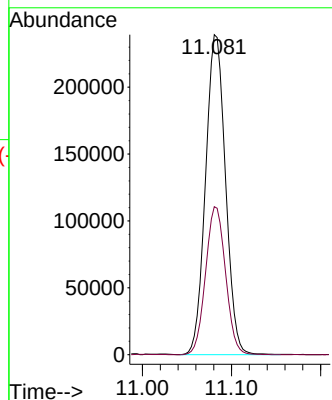
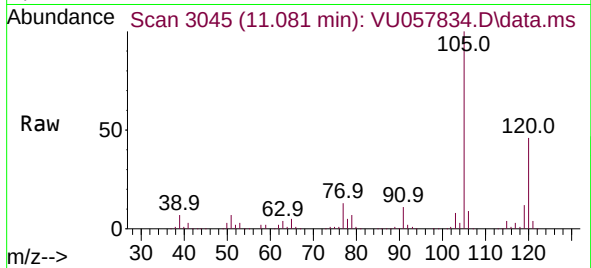




#62
1,3,5-Trimethylbenzene
Concen: 51.358 ug/L
RT: 11.081 min Scan# 3045
Delta R.T. -0.000 min
Lab File: VU057834.D
Acq: 07 Feb 2024 11:52

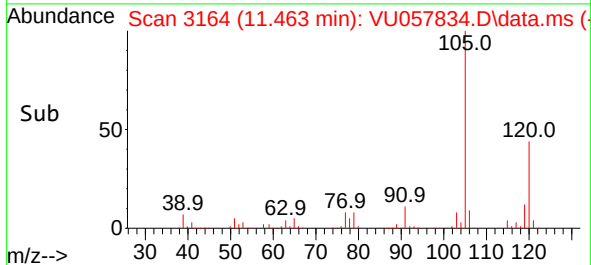
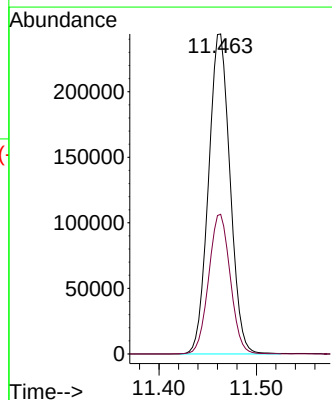
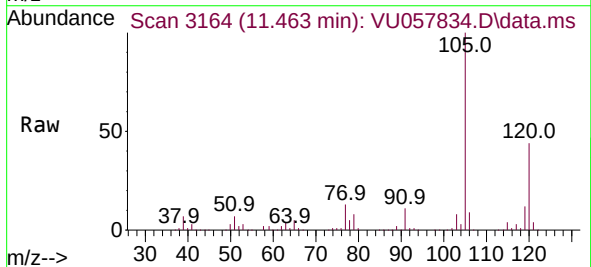
Instrument :
MSVOA_U
ClientSampleId :

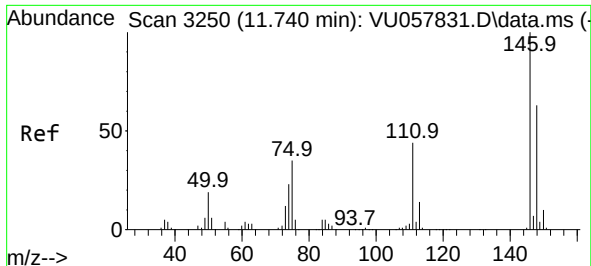
Tgt Ion:105 Resp: 371668
Ion Ratio Lower Upper
105 100
120 46.2 37.3 55.9



#63
1,2,4-Trimethylbenzene
Concen: 51.806 ug/L
RT: 11.463 min Scan# 3164
Delta R.T. -0.000 min
Lab File: VU057834.D
Acq: 07 Feb 2024 11:52

Tgt Ion:105 Resp: 375237
Ion Ratio Lower Upper
105 100
120 43.7 35.4 53.0

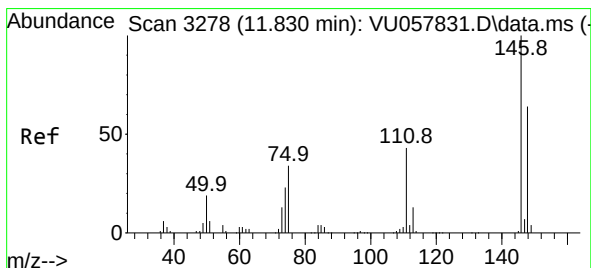
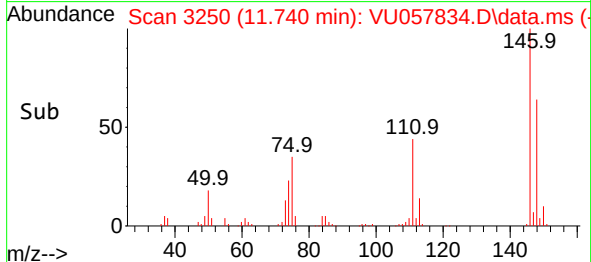
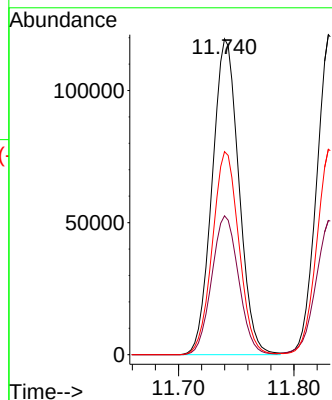
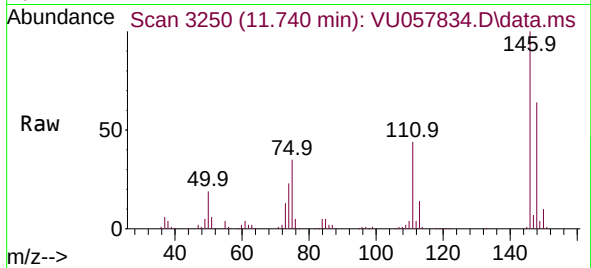




#64
1,3-Dichlorobenzene
Concen: 51.413 ug/L
RT: 11.740 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU057834.D
Acq: 07 Feb 2024 11:52

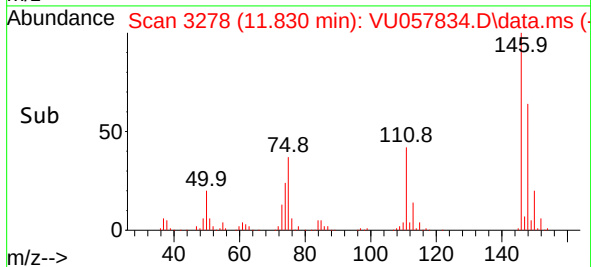
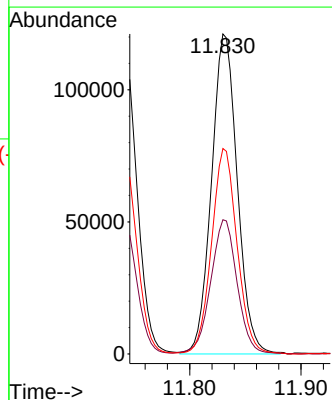
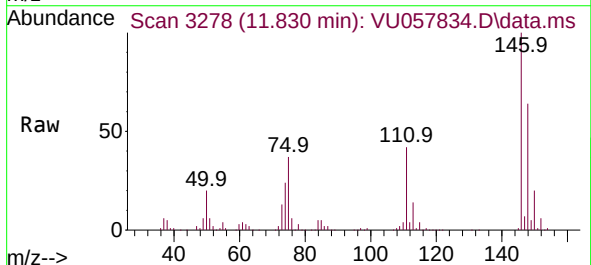
Instrument :
MSVOA_U
ClientSampleId :

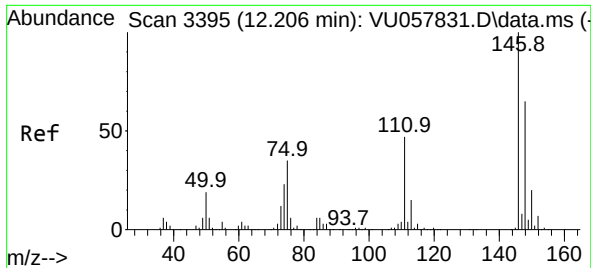
Tgt Ion:146 Resp: 192107
Ion Ratio Lower Upper
146 100
111 44.0 31.1 57.7
148 68.4 46.8 86.8



#65
1,4-Dichlorobenzene
Concen: 50.880 ug/L
RT: 11.830 min Scan# 3278
Delta R.T. -0.000 min
Lab File: VU057834.D
Acq: 07 Feb 2024 11:52

Tgt Ion:146 Resp: 195001
Ion Ratio Lower Upper
146 100
111 42.0 30.5 56.7
148 64.2 45.3 84.1





#67

1,2-Dichlorobenzene

Concen: 51.784 ug/L

RT: 12.206 min Scan# 31

Delta R.T. -0.000 min

Lab File: VU057834.D

Acq: 07 Feb 2024 11:52

Instrument :

MSVOA_U

ClientSampleId :

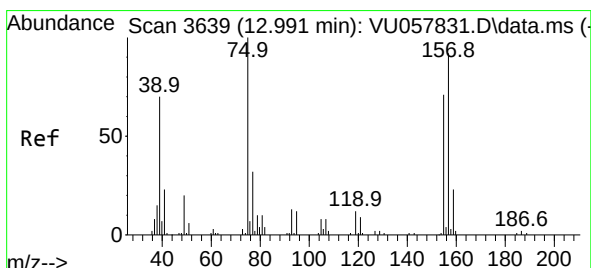
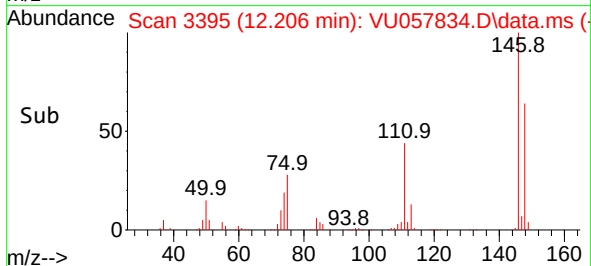
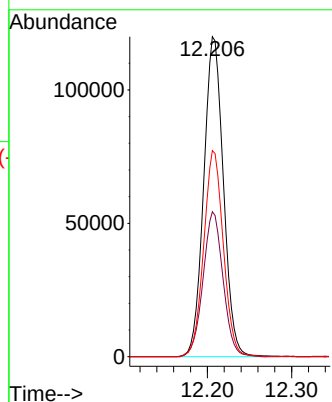
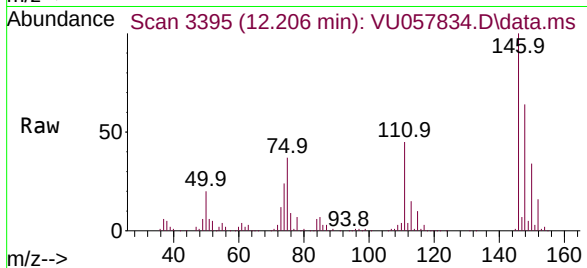
Tgt Ion:146 Resp: 195057

Ion Ratio Lower Upper

146 100

111 45.3 37.8 56.8

148 64.4 51.7 77.5



#68

1,2-Dibromo-3-chloropropane

Concen: 55.390 ug/L

RT: 12.991 min Scan# 3639

Delta R.T. -0.000 min

Lab File: VU057834.D

Acq: 07 Feb 2024 11:52

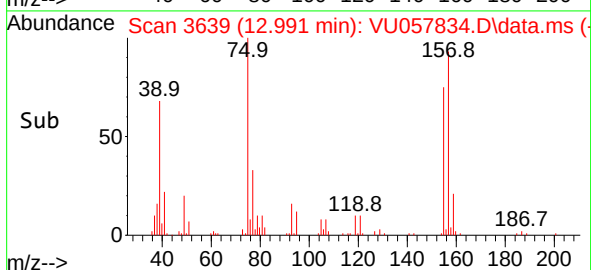
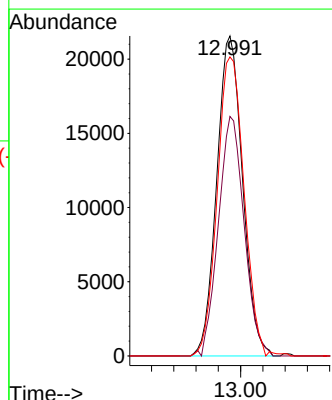
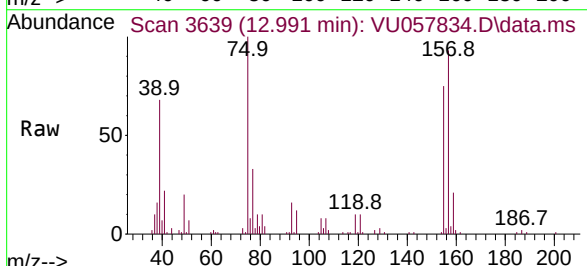
Tgt Ion: 75 Resp: 34716

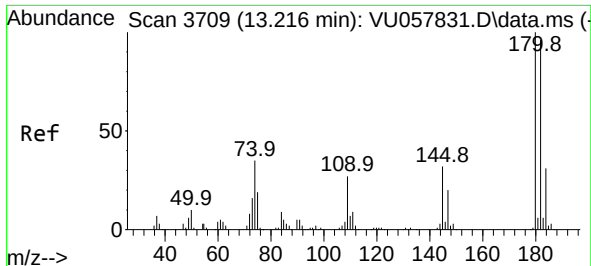
Ion Ratio Lower Upper

75 100

155 78.0 55.9 83.9

157 97.2 71.1 106.7





#69

1,3,5-Trichlorobenzene

Concen: 50.354 ug/L

RT: 13.212 min Scan# 31

Delta R.T. -0.003 min

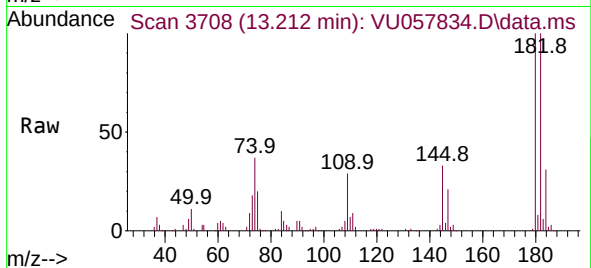
Lab File: VU057834.D

Acq: 07 Feb 2024 11:52

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:180 Resp: 132516

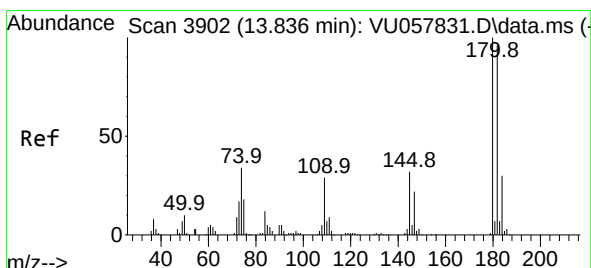
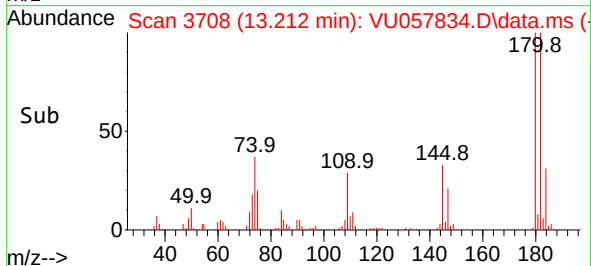
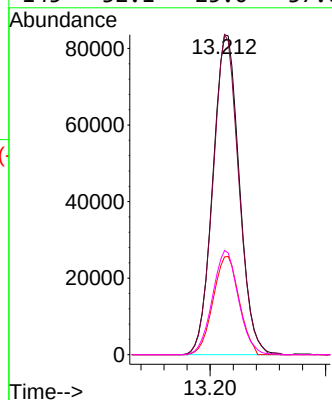
Ion Ratio Lower Upper

180 100

182 97.6 76.0 114.0

184 30.3 24.3 36.5

145 32.1 25.0 37.6



#70

1,2,4-trichlorobenzene

Concen: 51.976 ug/L

RT: 13.833 min Scan# 3901

Delta R.T. -0.003 min

Lab File: VU057834.D

Acq: 07 Feb 2024 11:52

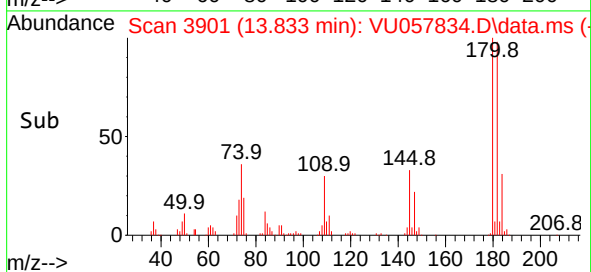
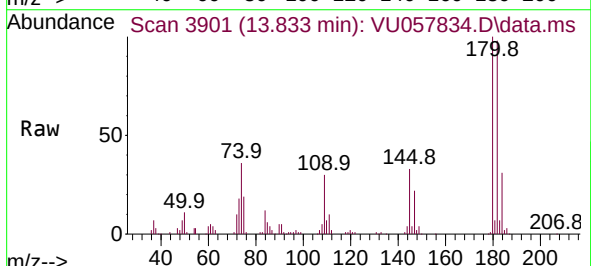
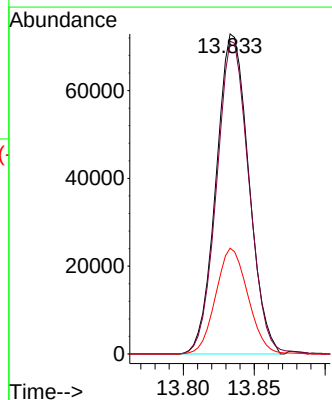
Tgt Ion:180 Resp: 116847

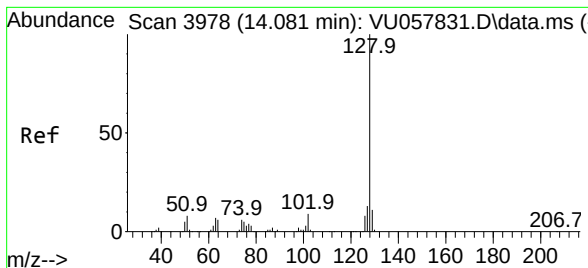
Ion Ratio Lower Upper

180 100

182 96.8 76.0 114.0

145 32.6 25.5 38.3





#71

Naphthalene

Concen: 58.060 ug/L

RT: 14.081 min Scan# 3978

Delta R.T. -0.000 min

Lab File: VU057834.D

Acq: 07 Feb 2024 11:52

Instrument :

MSVOA_U

ClientSampleId :

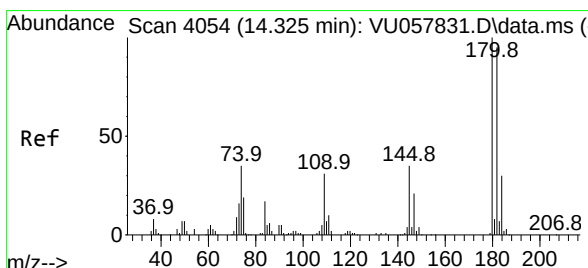
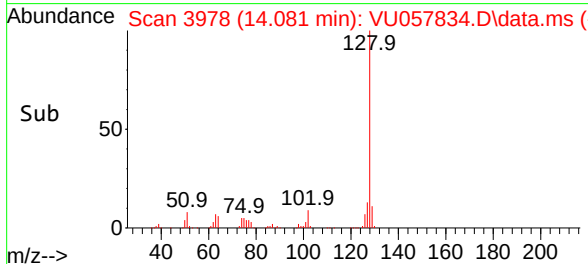
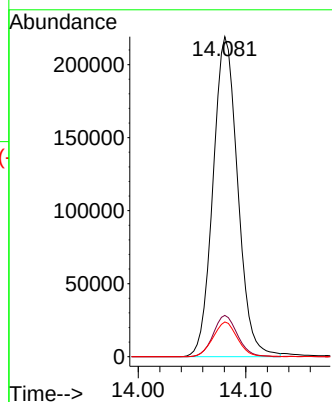
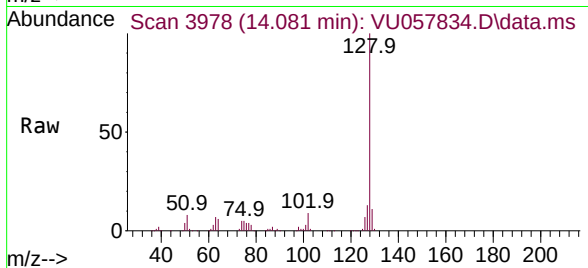
Tgt Ion:128 Resp: 349896

Ion Ratio Lower Upper

128 100

127 12.7 10.2 15.4

129 10.8 8.6 13.0



#72

1,2,3-Trichlorobenzene

Concen: 53.562 ug/L

RT: 14.325 min Scan# 4054

Delta R.T. -0.000 min

Lab File: VU057834.D

Acq: 07 Feb 2024 11:52

Tgt Ion:180 Resp: 112670

Ion Ratio Lower Upper

180 100

182 96.8 76.6 114.8

145 34.8 27.7 41.5

