

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102423\
 Data File : VU055861.D
 Acq On : 24 Oct 2023 10:00
 Operator : MD/SY
 Sample : VSTD00168
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 25 05:00:54 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102423WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Oct 25 04:59:46 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	379706	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	371370	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	171862	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	26608	1.735	ug/L	0.00
7) Chloroethane-d5	1.911	69	21412	1.250	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.563	65	11379	1.433	ug/L	0.00
20) 2-Butanone-d5	4.647	46	44990	7.127	ug/L	0.02
24) Chloroform-d	5.062	84	47946	1.032	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.701	65	23882	0.986	ug/L	0.00
32) Benzene-d6	5.727	84	95704	1.079	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.692	67	28093	0.936	ug/L	0.00
41) Toluene-d8	7.898	98	85657	1.018	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.180	79	10835	1.064	ug/L	0.00
46) 2-Hexanone-d5	8.637	63	24010	5.538	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.753	84	19971	0.799	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.193	152	28908	1.030	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.383	85	21177	0.917	ug/L	100
3) Chloromethane	1.518	50	20314	0.849	ug/L	98
5) Vinyl chloride	1.605	62	21602	0.871	ug/L	98
6) Bromomethane	1.859	94	14115	0.909	ug/L	90
8) Chloroethane	1.933	64	12275	0.761	ug/L	93
9) Trichlorofluoromethane	2.136	101	29284	0.833	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.579	101	20577	1.038	ug/L	98
12) 1,1-Dichloroethene	2.579	96	16995	0.980	ug/L	86
13) Acetone	2.647	43	29322	8.430	ug/L	100
14) Carbon disulfide	2.792	76	44217	0.936	ug/L	95
15) Methyl Acetate	2.962	43	5826	0.833	ug/L	96
16) Methylene chloride	3.042	84	19377	0.740	ug/L	96
17) Methyl tert-butyl Ether	3.358	73	41092	0.836	ug/L	99
18) trans-1,2-Dichloroethene	3.354	96	17514	0.936	ug/L	99
19) 1,1-Dichloroethane	3.869	63	34478	0.888	ug/L	94
21) 2-Butanone	4.727	43	38726	7.311	ug/L	94
22) cis-1,2-Dichloroethene	4.666	96	20344	0.928	ug/L	95
23) Bromochloromethane	4.978	128	8391	0.880	ug/L	96
25) Chloroform	5.087	83	37413	0.881	ug/L	99
27) 1,2-Dichloroethane	5.798	62	21612	0.832	ug/L	99
29) 1,1,1-Trichloroethane	5.319	97	31540	0.864	ug/L	99
30) Cyclohexane	5.383	56	25413	0.801	ug/L	98
31) Carbon tetrachloride	5.525	117	27267	0.880	ug/L	99
33) Benzene	5.775	78	75863	0.876	ug/L	100
34) Trichloroethene	6.541	95	21527	0.901	ug/L	96
35) Methylcyclohexane	6.763	83	27796	0.797	ug/L	96
37) 1,2-Dichloropropane	6.791	63	20248	0.846	ug/L	100
38) Bromodichloromethane	7.107	83	24754	0.831	ug/L	99
39) cis-1,3-Dichloropropene	7.608	75	25535	0.744	ug/L	99
40) 4-Methyl-2-pentanone	7.791	43	91528	6.994	ug/L	97
42) Toluene	7.968	91	76075	0.799	ug/L	98
44) trans-1,3-Dichloropropene	8.213	75	21285	0.752	ug/L	96

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102423\
 Data File : VU055861.D
 Acq On : 24 Oct 2023 10:00
 Operator : MD/SY
 Sample : VSTD00168
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 25 05:00:54 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102423WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Oct 25 04:59:46 2023
 Response via : Initial Calibration

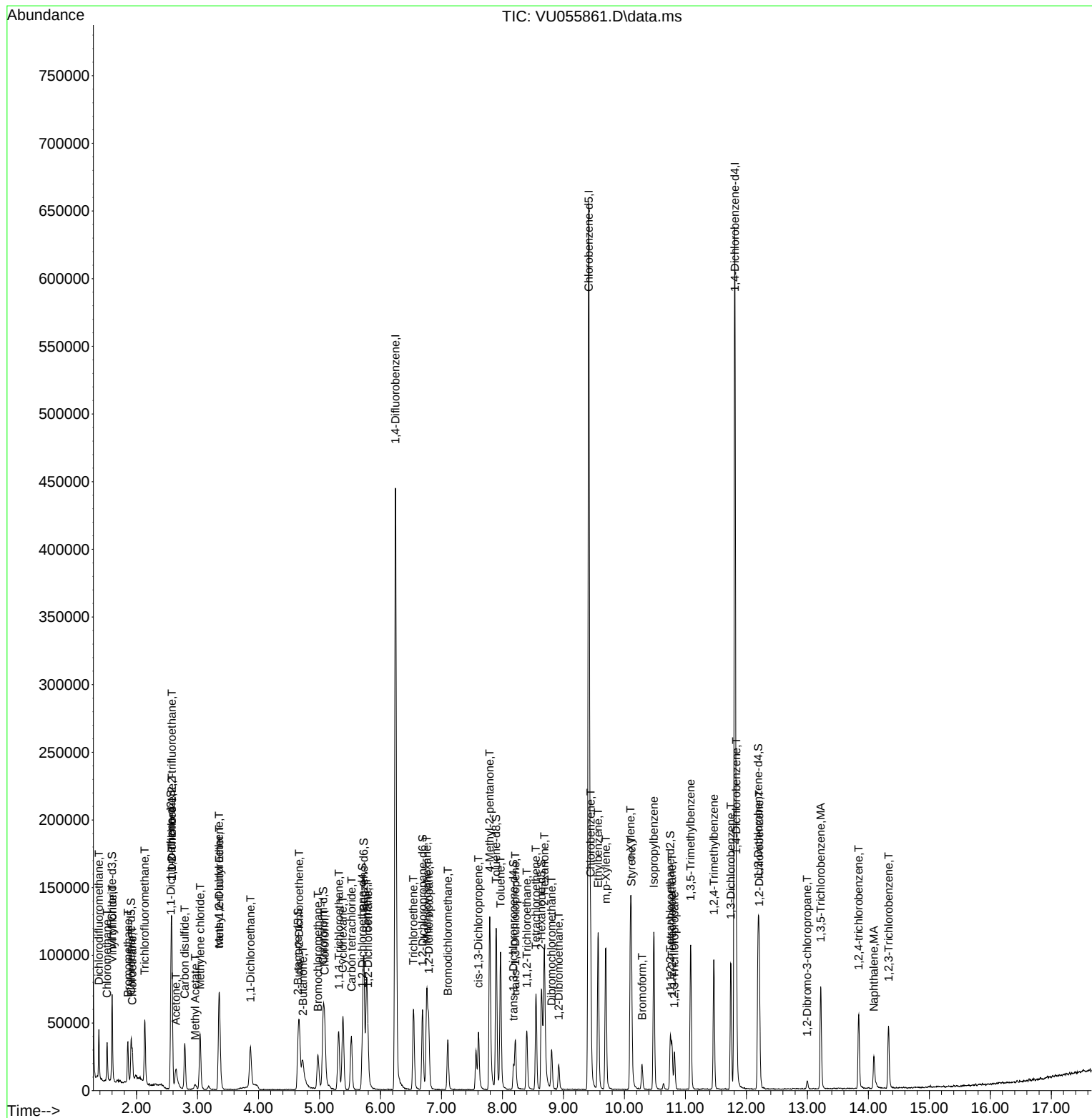
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	8.402	97	14532	0.899	ug/L	92
47) Tetrachloroethene	8.550	164	15417	0.895	ug/L	95
48) 2-Hexanone	8.688	43	67621	6.876	ug/L	99
49) Dibromochloromethane	8.804	129	15002	0.794	ug/L	96
50) 1,2-Dibromoethane	8.923	107	12603	0.811	ug/L #	99
51) Chlorobenzene	9.447	112	52024	0.839	ug/L	97
52) Ethylbenzene	9.569	91	85588	0.800	ug/L	99
53) m,p-Xylene	9.695	106	31868	0.795	ug/L	97
54) o-Xylene	10.100	106	31587	0.818	ug/L	96
55) Styrene	10.116	104	46512	0.732	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.778	83	17194	0.863	ug/L	98
59) Bromoform	10.290	173	8392	0.977	ug/L	93
60) Isopropylbenzene	10.483	105	77844	0.861	ug/L	97
61) 1,2,3-Trichloropropane	10.820	75	11656	0.926	ug/L	96
62) 1,3,5-Trimethylbenzene	11.087	105	61445	0.801	ug/L	99
63) 1,2,4-Trimethylbenzene	11.467	105	54380	0.765	ug/L	98
64) 1,3-Dichlorobenzene	11.746	146	37160	0.880	ug/L	96
65) 1,4-Dichlorobenzene	11.836	146	38816	0.920	ug/L	95
67) 1,2-Dichlorobenzene	12.212	146	35248	0.918	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.997	75	1881	0.790	ug/L #	87
69) 1,3,5-Trichlorobenzene	13.219	180	24556	0.870	ug/L	96
70) 1,2,4-trichlorobenzene	13.843	180	18098	0.829	ug/L	95
71) Naphthalene	14.090	128	25124	0.766	ug/L	98
72) 1,2,3-Trichlorobenzene	14.331	180	15776	0.864	ug/L	95

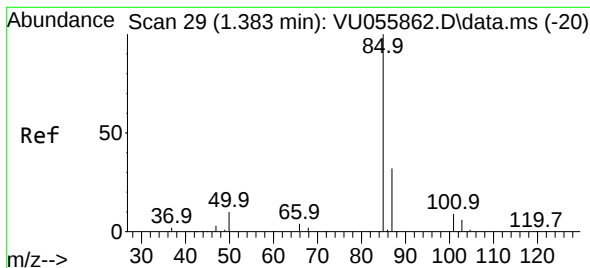
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102423\
 Data File : VU055861.D
 Acq On : 24 Oct 2023 10:00
 Operator : MD/SY
 Sample : VSTD00168
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 25 05:00:54 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102423WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Oct 25 04:59:46 2023
 Response via : Initial Calibration

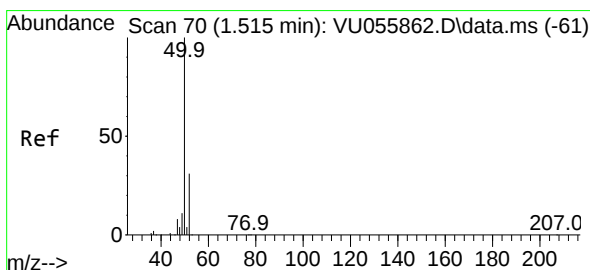
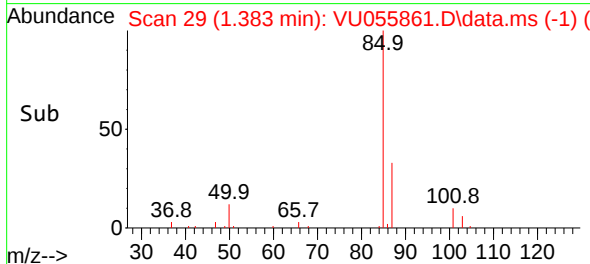
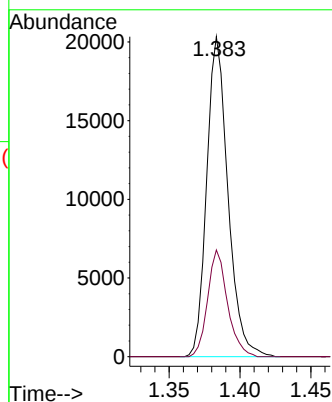
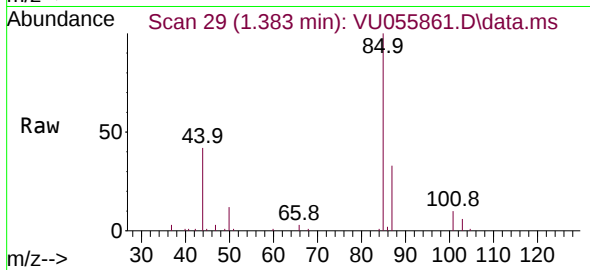




#2
 Dichlorodifluoromethane
 Concen: 0.917 ug/L
 RT: 1.383 min Scan# 29
 Delta R.T. -0.000 min
 Lab File: VU055861.D
 Acq: 24 Oct 2023 10:00

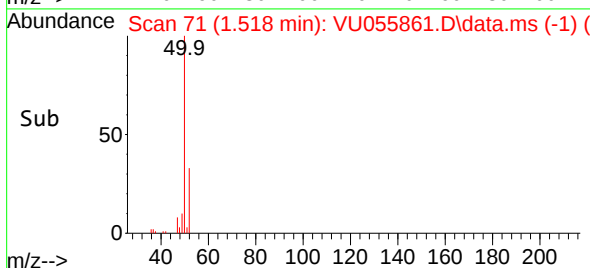
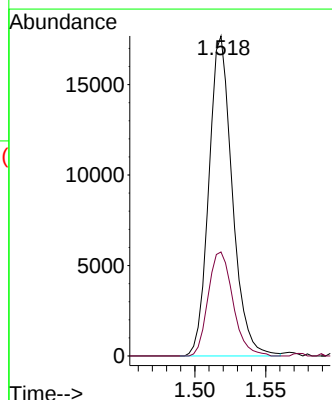
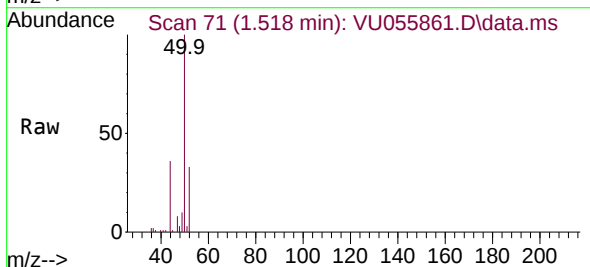
Instrument :
 MSVOA_U
 ClientSampleId :

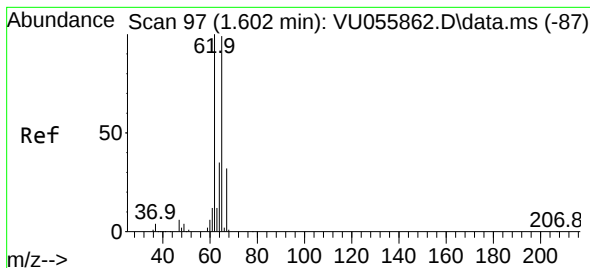
Tgt Ion: 85 Resp: 21177
 Ion Ratio Lower Upper
 85 100
 87 31.2 25.0 37.4



#3
 Chloromethane
 Concen: 0.849 ug/L
 RT: 1.518 min Scan# 71
 Delta R.T. 0.003 min
 Lab File: VU055861.D
 Acq: 24 Oct 2023 10:00

Tgt Ion: 50 Resp: 20314
 Ion Ratio Lower Upper
 50 100
 52 32.5 22.0 40.8





#5

Vinyl chloride

Concen: 0.871 ug/L

RT: 1.605 min Scan# 91

Delta R.T. 0.003 min

Lab File: VU055861.D

Acq: 24 Oct 2023 10:00

Instrument :

MSVOA_U

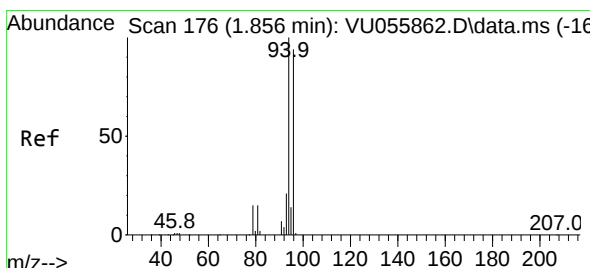
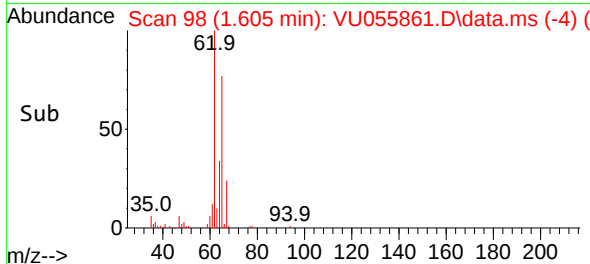
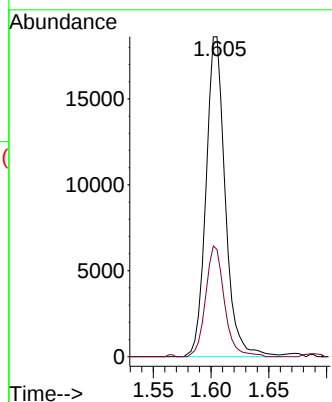
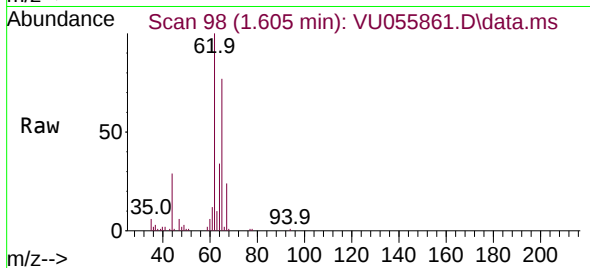
ClientSampleId :

Tgt Ion: 62 Resp: 21602

Ion Ratio Lower Upper

62 100

64 33.5 24.2 45.0



#6

Bromomethane

Concen: 0.909 ug/L

RT: 1.859 min Scan# 177

Delta R.T. 0.003 min

Lab File: VU055861.D

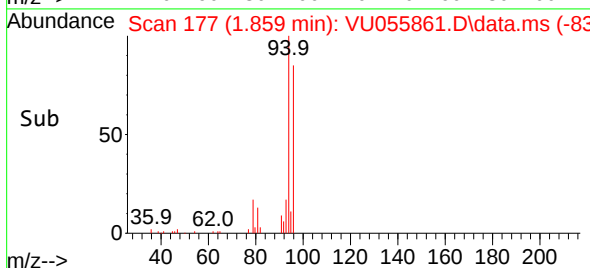
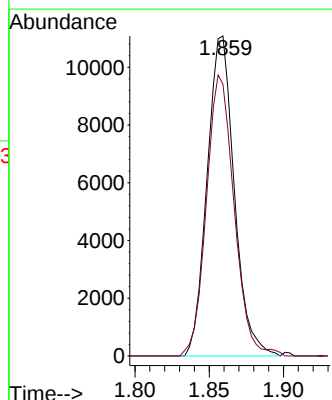
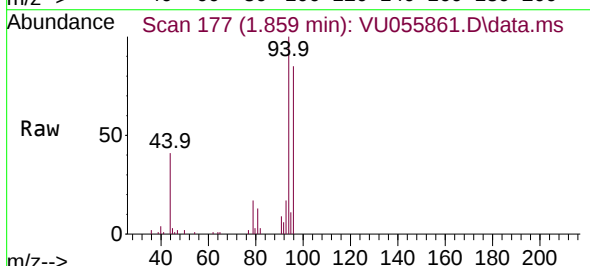
Acq: 24 Oct 2023 10:00

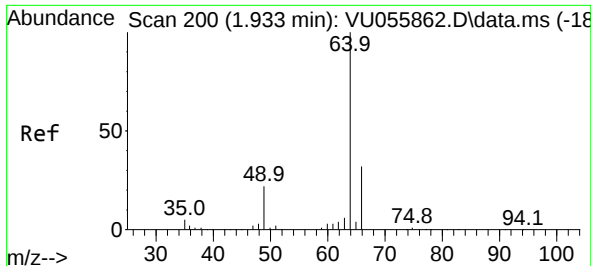
Tgt Ion: 94 Resp: 14115

Ion Ratio Lower Upper

94 100

96 84.9 65.9 122.5

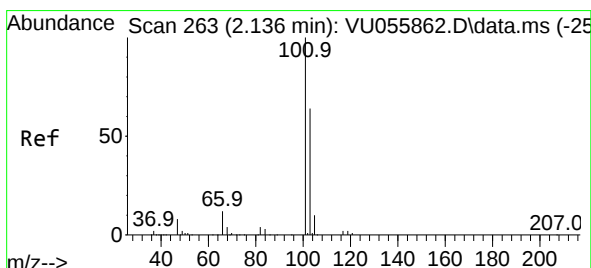
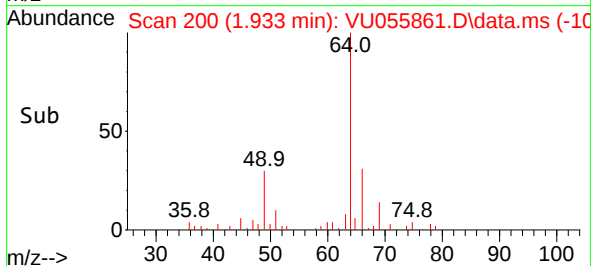
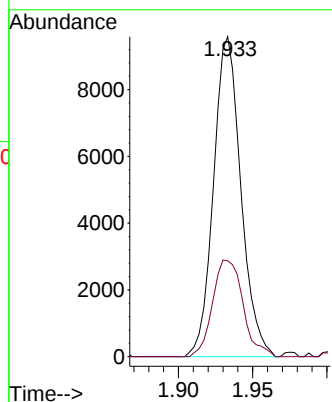
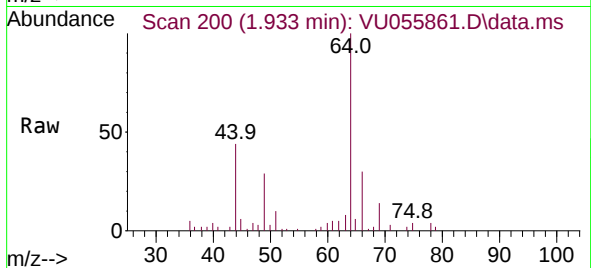




#8
Chloroethane
Concen: 0.761 ug/L
RT: 1.933 min Scan# 200
Delta R.T. -0.000 min
Lab File: VU055861.D
Acq: 24 Oct 2023 10:00

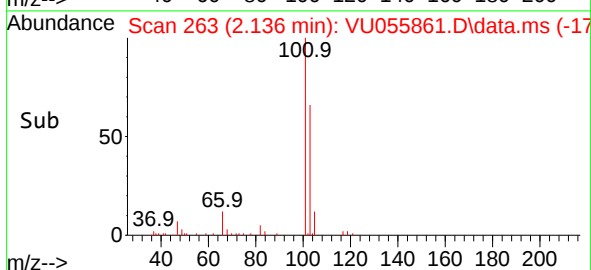
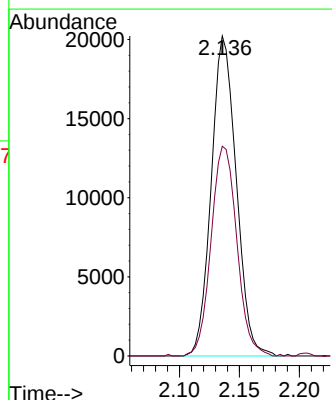
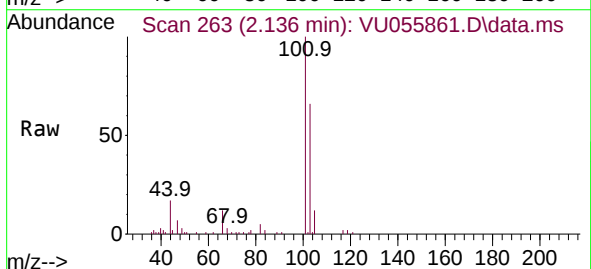
Instrument :
MSVOA_U
ClientSampleId :

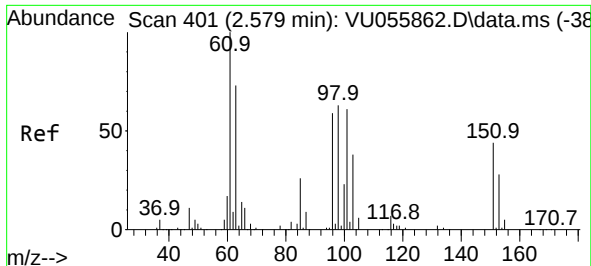
Tgt Ion: 64 Resp: 12275
Ion Ratio Lower Upper
64 100
66 28.3 22.7 42.1



#9
Trichlorofluoromethane
Concen: 0.833 ug/L
RT: 2.136 min Scan# 263
Delta R.T. -0.000 min
Lab File: VU055861.D
Acq: 24 Oct 2023 10:00

Tgt Ion:101 Resp: 29284
Ion Ratio Lower Upper
101 100
103 67.5 52.2 78.2

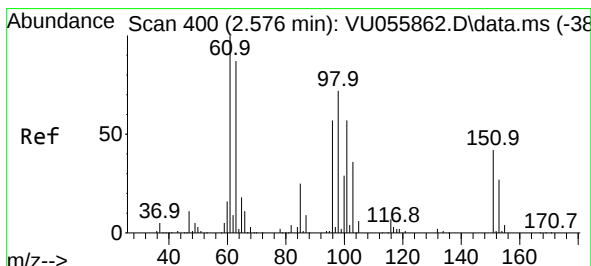
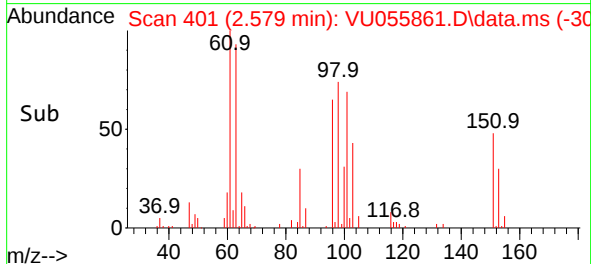
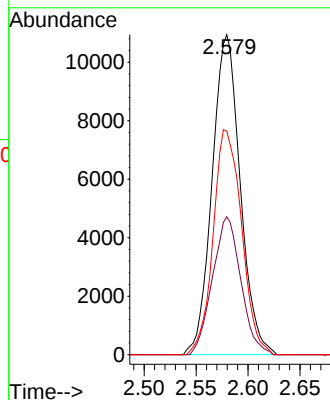
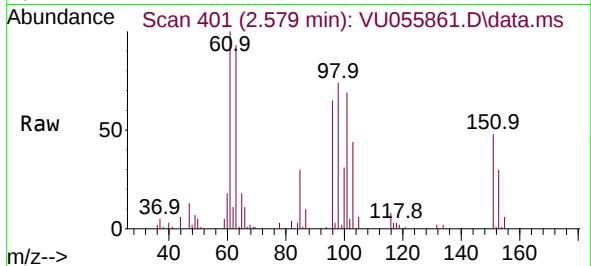




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 1.038 ug/L
 RT: 2.579 min Scan# 401
 Delta R.T. -0.000 min
 Lab File: VU055861.D
 Acq: 24 Oct 2023 10:00

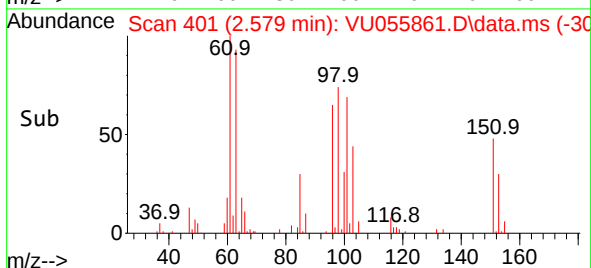
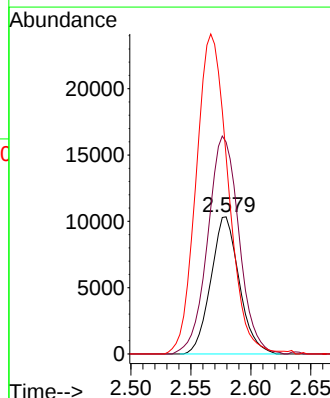
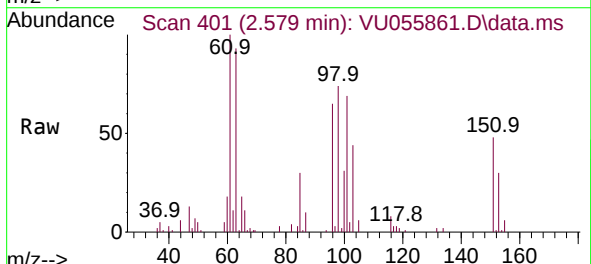
Instrument :
 MSVOA_U
 ClientSampleId :

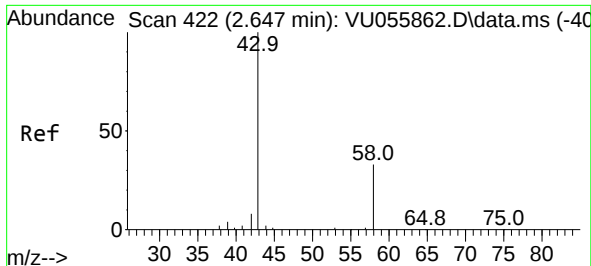
Tgt Ion:101 Resp: 20577
 Ion Ratio Lower Upper
 101 100
 85 43.5 34.4 51.6
 151 71.1 58.4 87.6



#12
 1,1-Dichloroethene
 Concen: 0.980 ug/L
 RT: 2.579 min Scan# 401
 Delta R.T. 0.003 min
 Lab File: VU055861.D
 Acq: 24 Oct 2023 10:00

Tgt Ion: 96 Resp: 16995
 Ion Ratio Lower Upper
 96 100
 61 154.5 123.8 230.0
 63 144.0 111.0 206.2





#13

Acetone

Concen: 8.430 ug/L

RT: 2.647 min Scan# 41

Delta R.T. -0.000 min

Lab File: VU055861.D

Acq: 24 Oct 2023 10:00

Instrument :

MSVOA_U

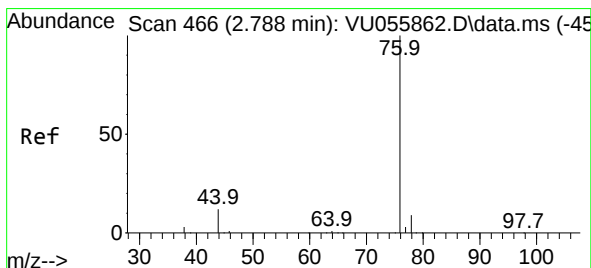
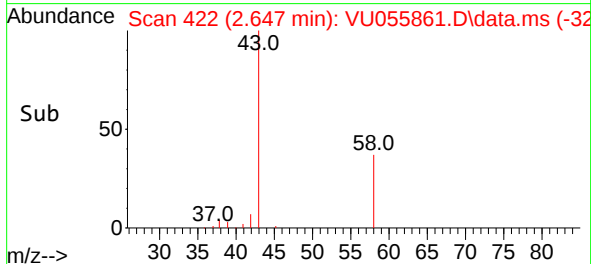
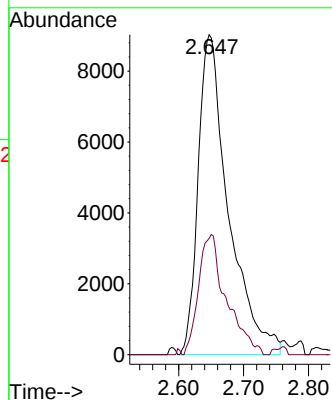
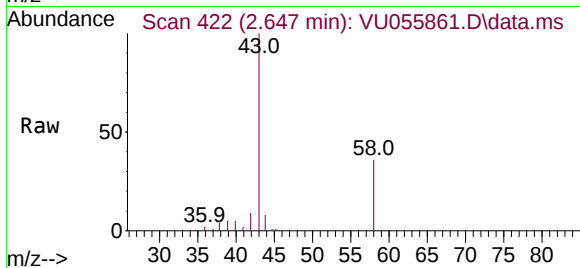
ClientSampleId :

Tgt Ion: 43 Resp: 29322

Ion Ratio Lower Upper

43 100

58 34.4 0.0 69.0



#14

Carbon disulfide

Concen: 0.936 ug/L

RT: 2.792 min Scan# 467

Delta R.T. 0.003 min

Lab File: VU055861.D

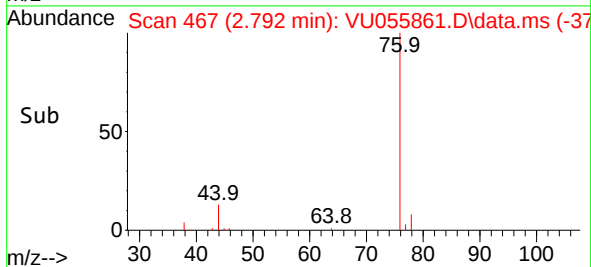
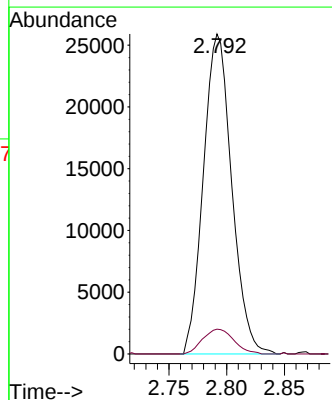
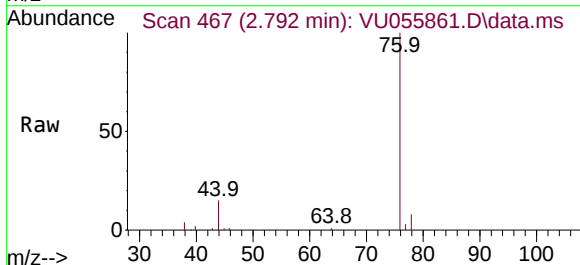
Acq: 24 Oct 2023 10:00

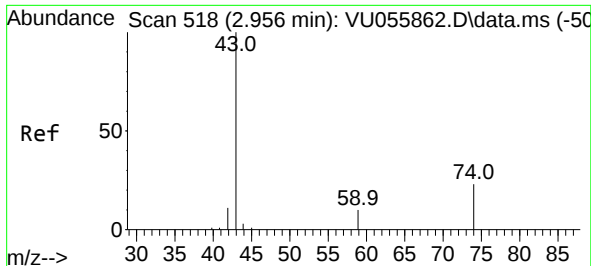
Tgt Ion: 76 Resp: 44217

Ion Ratio Lower Upper

76 100

78 7.7 7.5 11.3

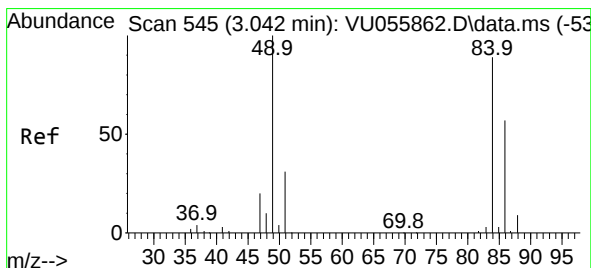
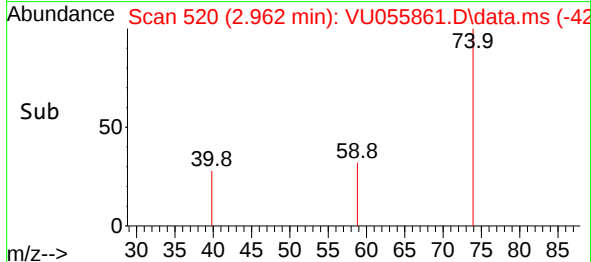
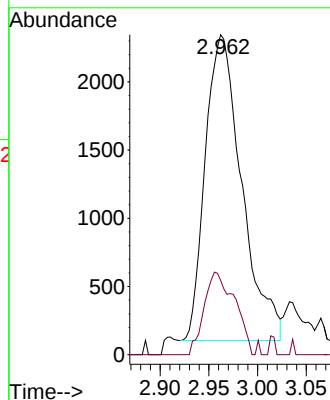
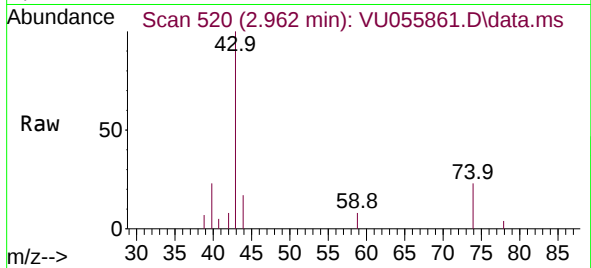




#15
Methyl Acetate
Concen: 0.833 ug/L
RT: 2.962 min Scan# 518
Delta R.T. 0.006 min
Lab File: VU055861.D
Acq: 24 Oct 2023 10:00

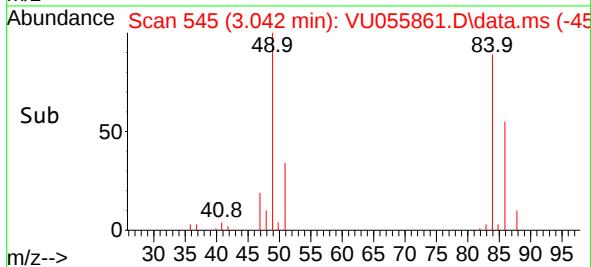
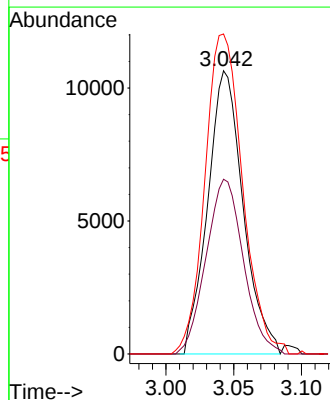
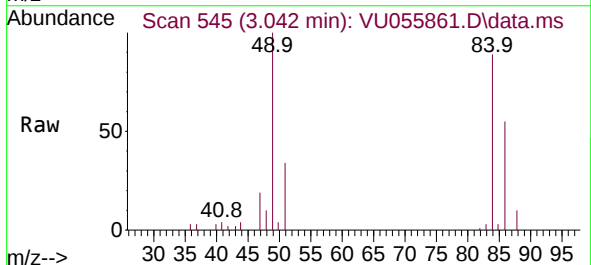
Instrument :
MSVOA_U
ClientSampleId :

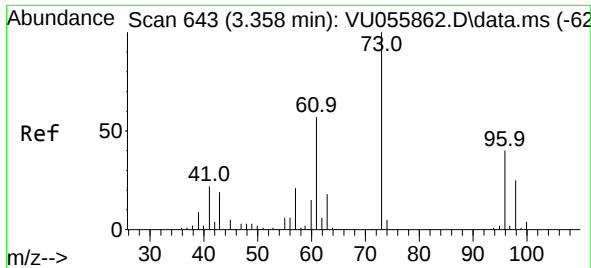
Tgt Ion: 43 Resp: 5826
Ion Ratio Lower Upper
43 100
74 22.8 19.9 29.9



#16
Methylene chloride
Concen: 0.740 ug/L
RT: 3.042 min Scan# 545
Delta R.T. -0.000 min
Lab File: VU055861.D
Acq: 24 Oct 2023 10:00

Tgt Ion: 84 Resp: 19377
Ion Ratio Lower Upper
84 100
86 61.7 45.2 84.0
49 117.5 78.8 146.3

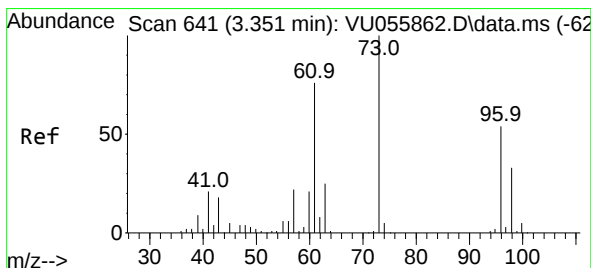
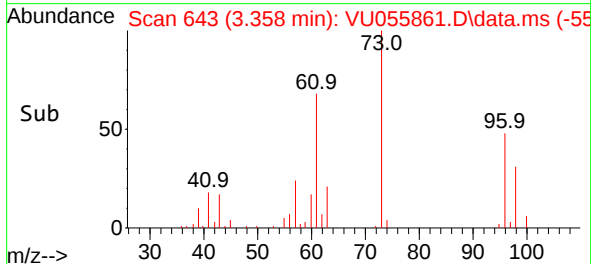
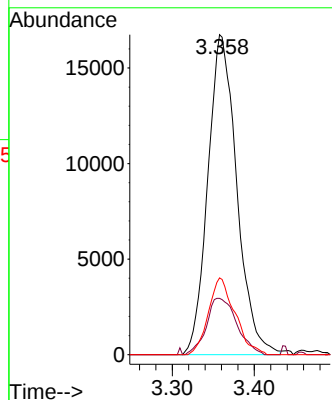
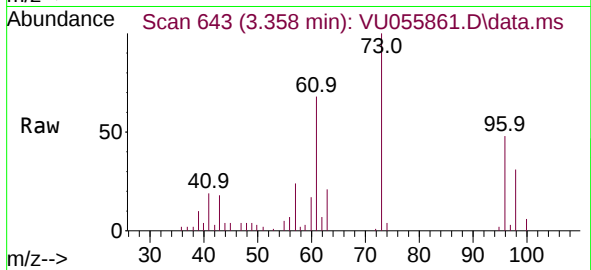




#17
Methyl tert-butyl Ether
Concen: 0.836 ug/L
RT: 3.358 min Scan# 643
Delta R.T. -0.000 min
Lab File: VU055861.D
Acq: 24 Oct 2023 10:00

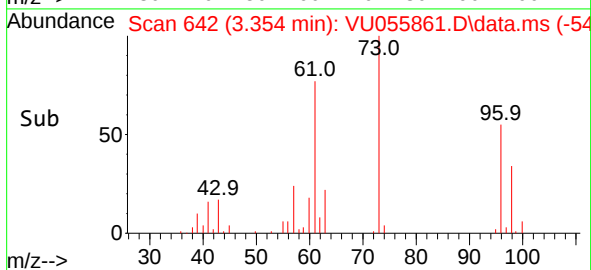
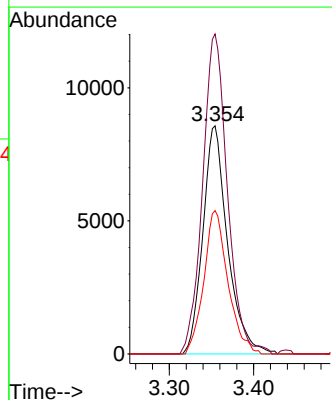
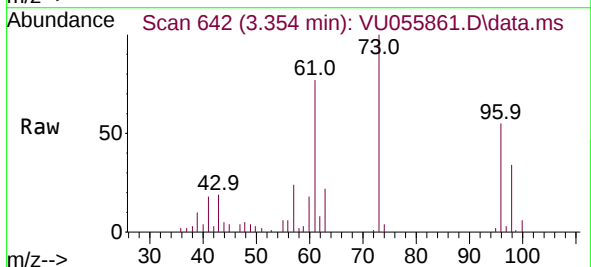
Instrument :
MSVOA_U
ClientSampleId :

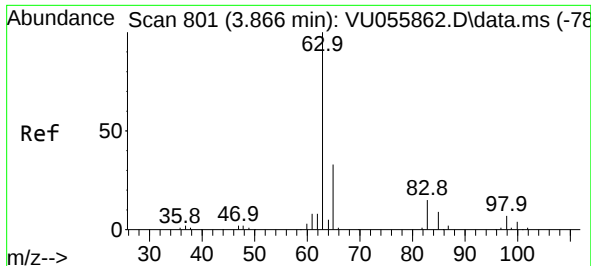
Tgt Ion: 73 Resp: 41092
Ion Ratio Lower Upper
73 100
43 18.5 14.4 21.6
57 22.0 17.0 25.4



#18
trans-1,2-Dichloroethene
Concen: 0.936 ug/L
RT: 3.354 min Scan# 642
Delta R.T. 0.003 min
Lab File: VU055861.D
Acq: 24 Oct 2023 10:00

Tgt Ion: 96 Resp: 17514
Ion Ratio Lower Upper
96 100
61 140.3 97.5 181.1
98 62.9 42.7 79.3

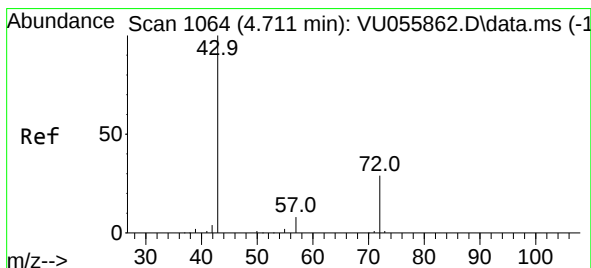
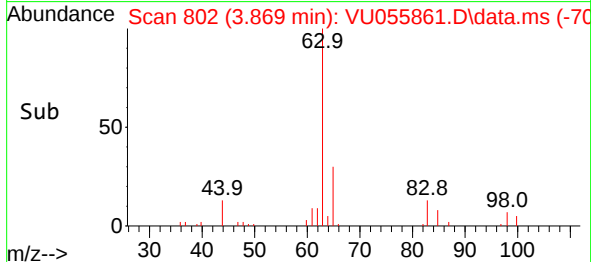
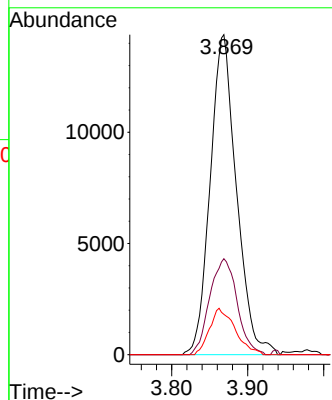
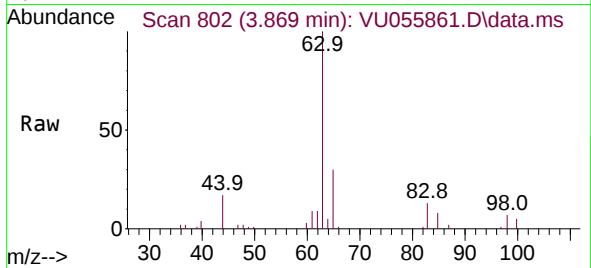




#19
1,1-Dichloroethane
Concen: 0.888 ug/L
RT: 3.869 min Scan# 801
Delta R.T. 0.003 min
Lab File: VU055861.D
Acq: 24 Oct 2023 10:00

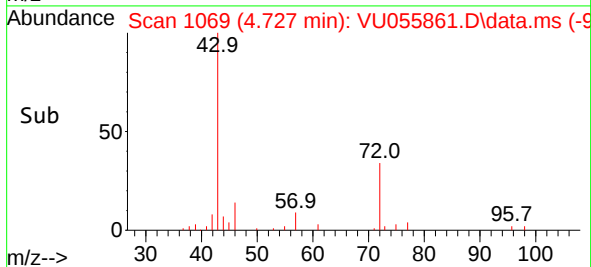
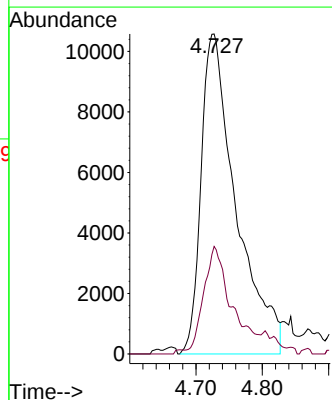
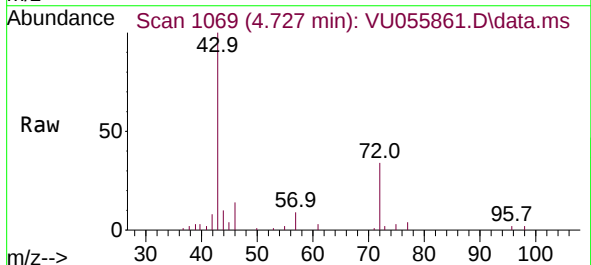
Instrument :
MSVOA_U
ClientSampleId :

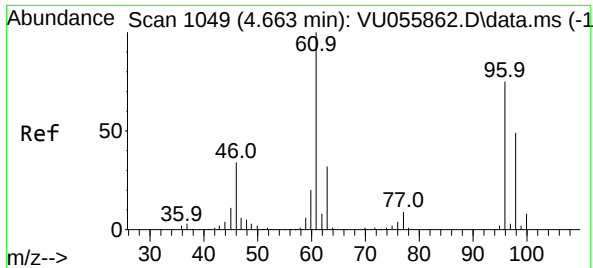
Tgt Ion: 63 Resp: 34478
Ion Ratio Lower Upper
63 100
65 30.0 23.3 43.3
83 12.6 10.5 19.5



#21
2-Butanone
Concen: 7.311 ug/L
RT: 4.727 min Scan# 1069
Delta R.T. 0.016 min
Lab File: VU055861.D
Acq: 24 Oct 2023 10:00

Tgt Ion: 43 Resp: 38726
Ion Ratio Lower Upper
43 100
72 25.9 14.4 43.4

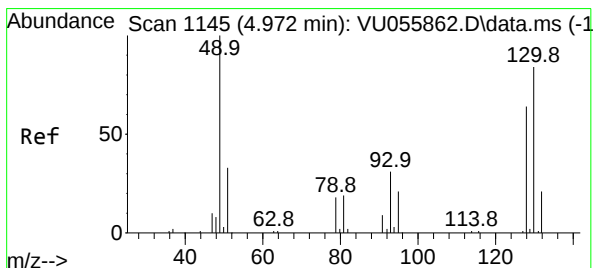
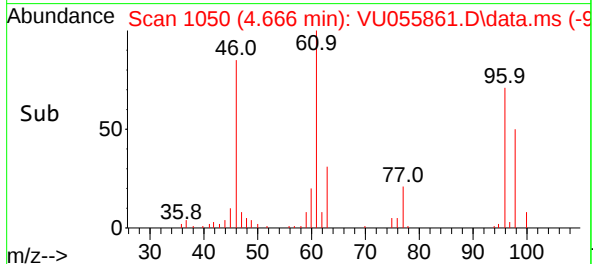
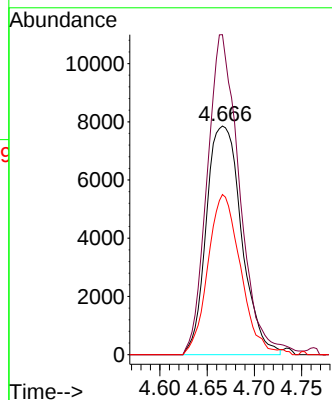
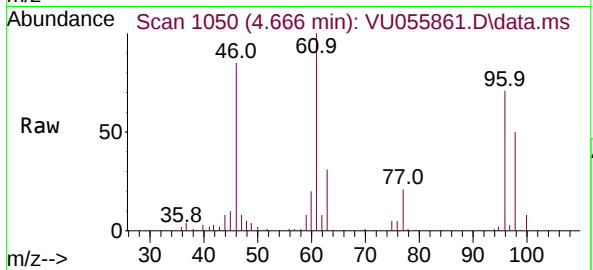




#22
 cis-1,2-Dichloroethene
 Concen: 0.928 ug/L
 RT: 4.666 min Scan# 1050
 Delta R.T. 0.003 min
 Lab File: VU055861.D
 Acq: 24 Oct 2023 10:00

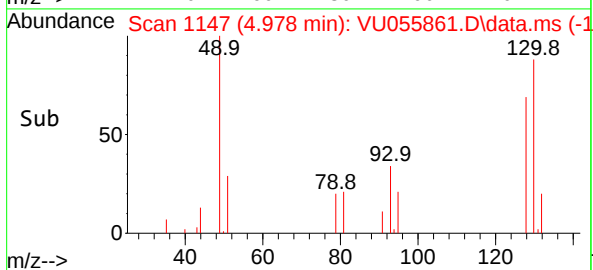
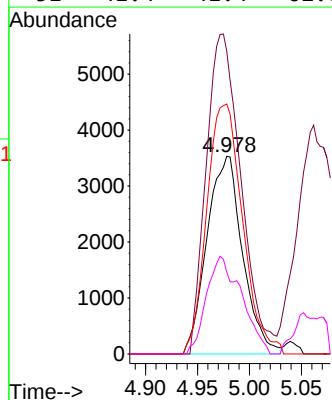
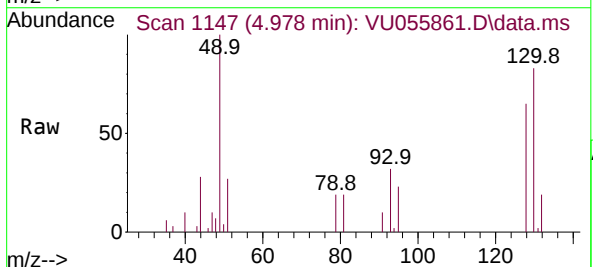
Instrument :
 MSVOA_U
 ClientSampleId :

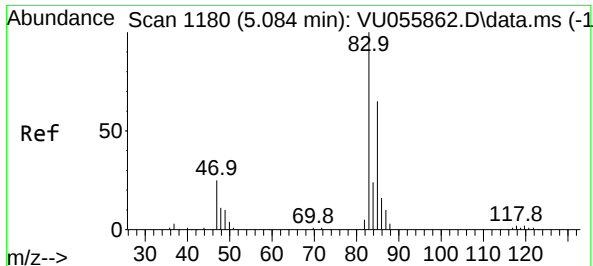
Tgt Ion: 96 Resp: 20344
 Ion Ratio Lower Upper
 96 100
 61 139.9 93.8 174.2
 98 70.0 45.6 84.8



#23
 Bromochloromethane
 Concen: 0.880 ug/L
 RT: 4.978 min Scan# 1147
 Delta R.T. 0.006 min
 Lab File: VU055861.D
 Acq: 24 Oct 2023 10:00

Tgt Ion: 128 Resp: 8391
 Ion Ratio Lower Upper
 128 100
 49 153.2 108.7 201.9
 130 126.6 91.5 169.9
 51 41.4 41.4 62.0





#25

Chloroform

Concen: 0.881 ug/L

RT: 5.087 min Scan# 1180

Delta R.T. 0.003 min

Lab File: VU055861.D

Acq: 24 Oct 2023 10:00

Instrument :

MSVOA_U

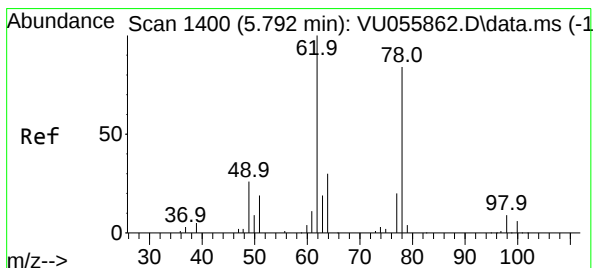
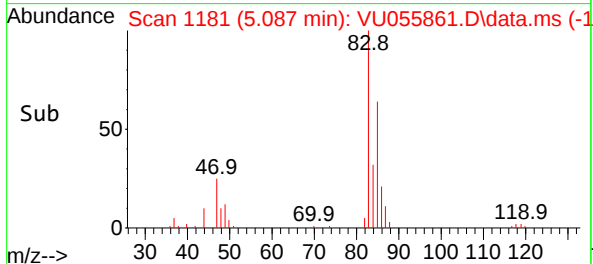
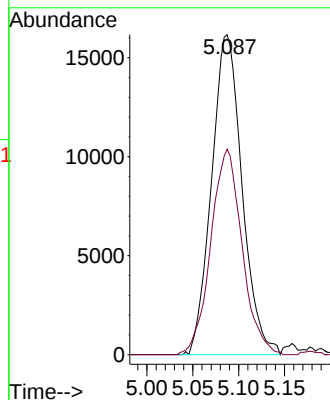
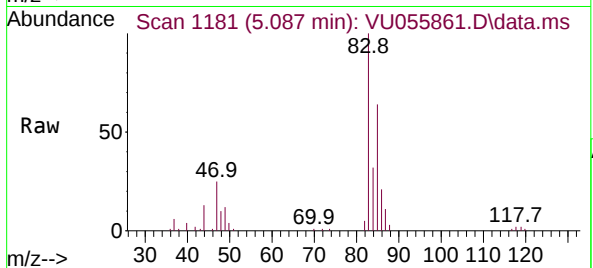
ClientSampleId :

Tgt Ion: 83 Resp: 37413

Ion Ratio Lower Upper

83 100

85 64.2 45.6 84.8



#27

1,2-Dichloroethane

Concen: 0.832 ug/L

RT: 5.798 min Scan# 1402

Delta R.T. 0.006 min

Lab File: VU055861.D

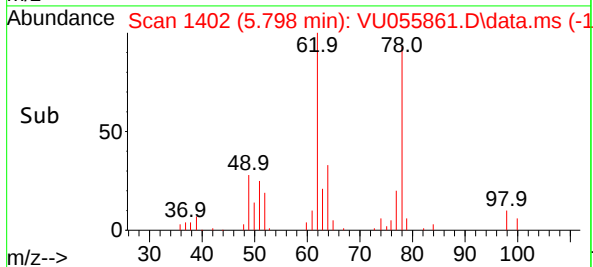
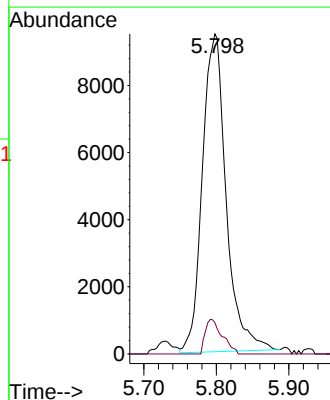
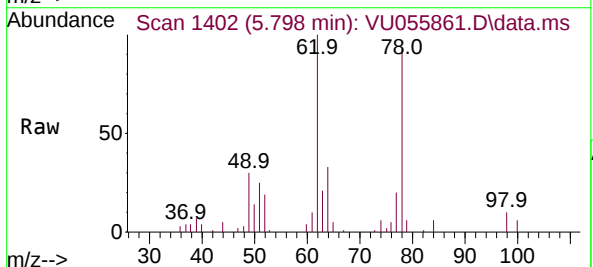
Acq: 24 Oct 2023 10:00

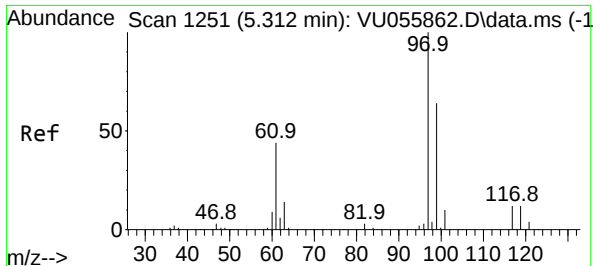
Tgt Ion: 62 Resp: 21612

Ion Ratio Lower Upper

62 100

98 9.8 7.4 11.2





#29

1,1,1-Trichloroethane

Concen: 0.864 ug/L

RT: 5.319 min Scan# 1

Delta R.T. 0.006 min

Lab File: VU055861.D

Acq: 24 Oct 2023 10:00

Instrument :

MSVOA_U

ClientSampleId :

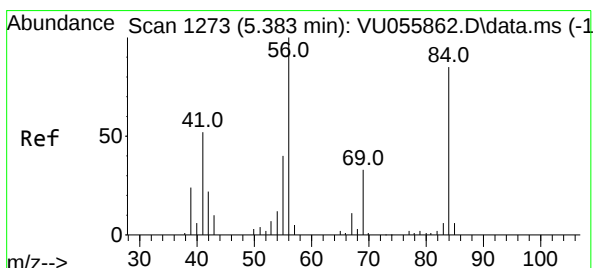
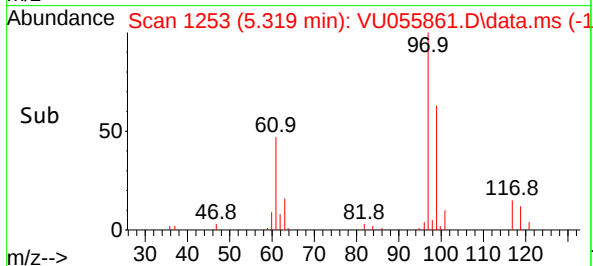
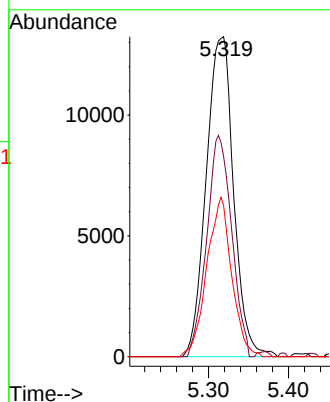
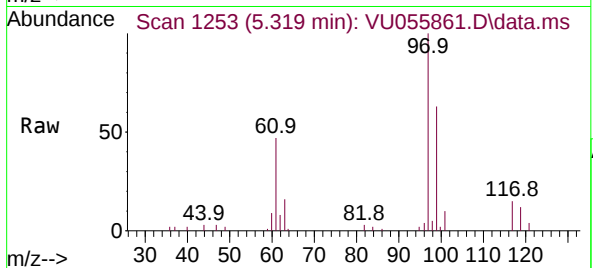
Tgt Ion: 97 Resp: 31540

Ion Ratio Lower Upper

97 100

99 62.9 50.8 76.2

61 45.2 35.0 52.4



#30

Cyclohexane

Concen: 0.801 ug/L

RT: 5.383 min Scan# 1273

Delta R.T. -0.000 min

Lab File: VU055861.D

Acq: 24 Oct 2023 10:00

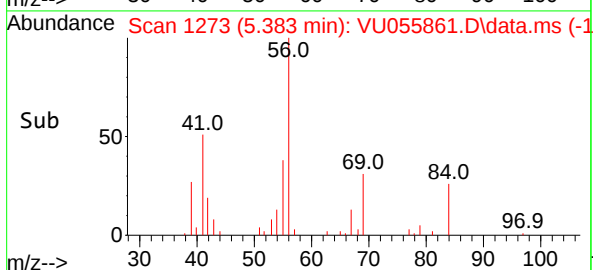
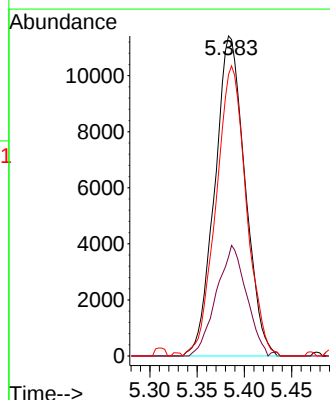
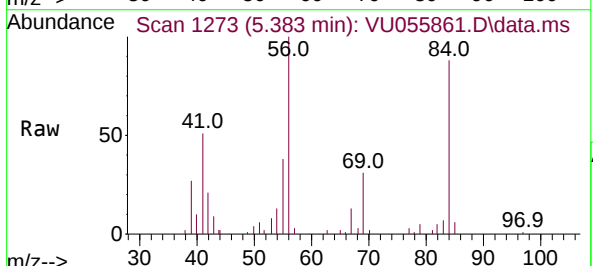
Tgt Ion: 56 Resp: 25413

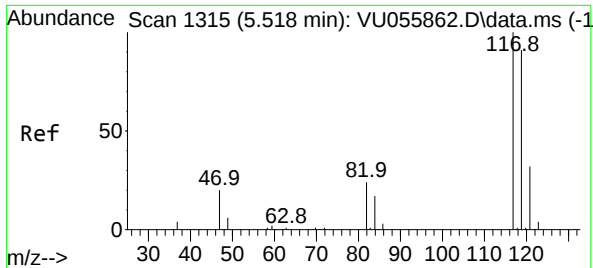
Ion Ratio Lower Upper

56 100

69 34.3 25.4 38.2

84 90.5 71.0 106.6

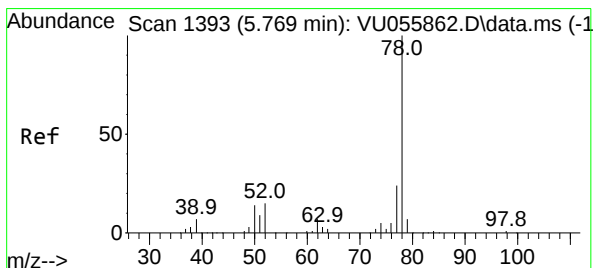
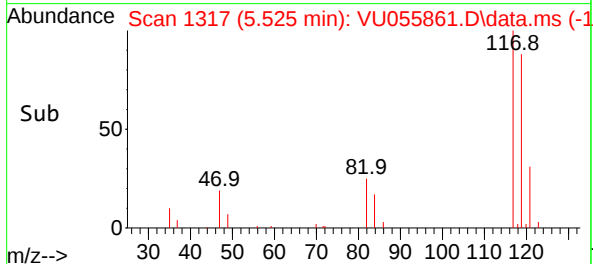
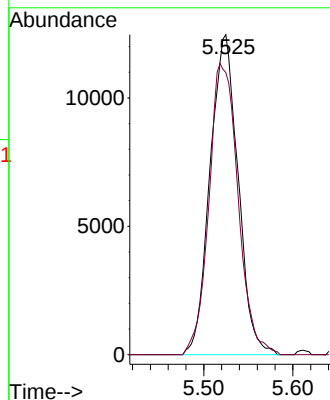
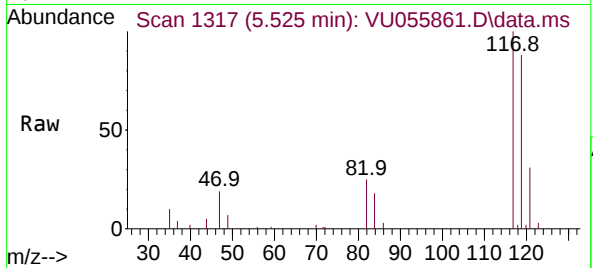




#31
Carbon tetrachloride
Concen: 0.880 ug/L
RT: 5.525 min Scan# 1117
Delta R.T. 0.006 min
Lab File: VU055861.D
Acq: 24 Oct 2023 10:00

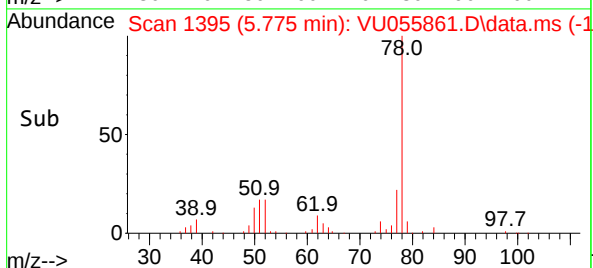
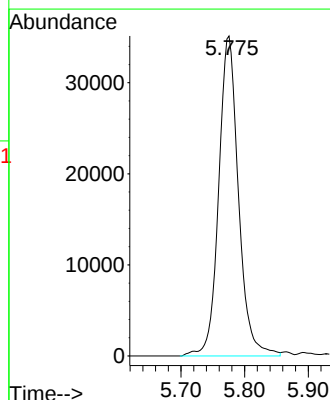
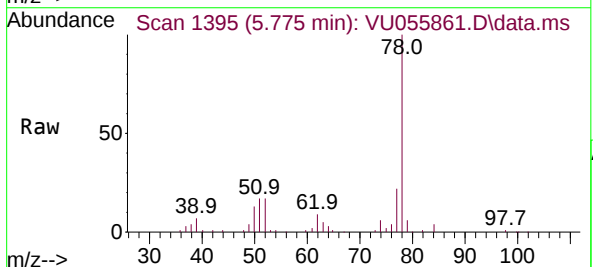
Instrument :
MSVOA_U
ClientSampleId :

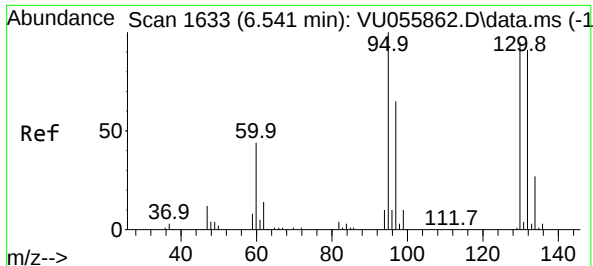
Tgt Ion:117 Resp: 27267
Ion Ratio Lower Upper
117 100
119 94.5 75.1 112.7



#33
Benzene
Concen: 0.876 ug/L
RT: 5.775 min Scan# 1395
Delta R.T. 0.006 min
Lab File: VU055861.D
Acq: 24 Oct 2023 10:00

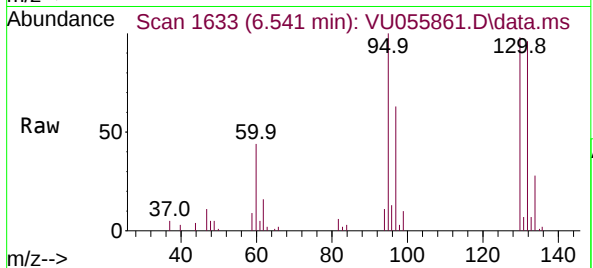
Tgt Ion: 78 Resp: 75863





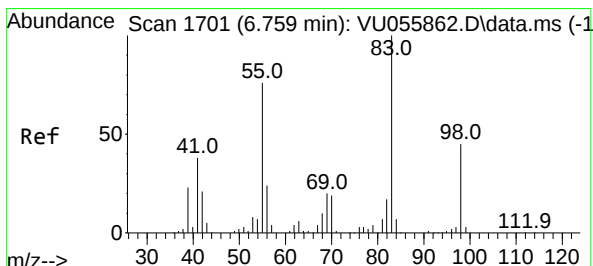
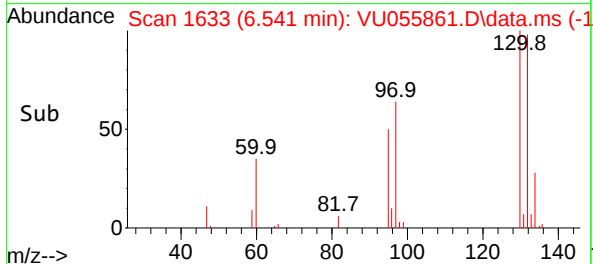
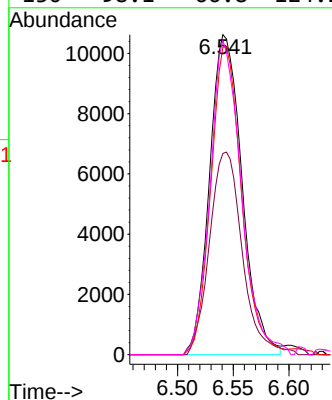
#34
Trichloroethene
Concen: 0.901 ug/L
RT: 6.541 min Scan# 1
Delta R.T. -0.000 min
Lab File: VU055861.D
Acq: 24 Oct 2023 10:00

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 95 Resp: 21527

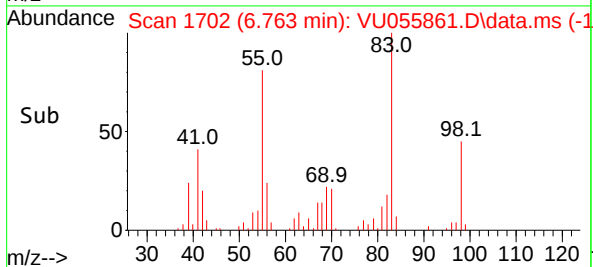
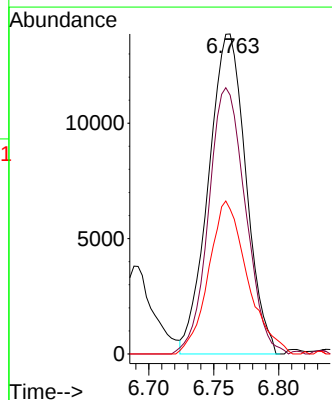
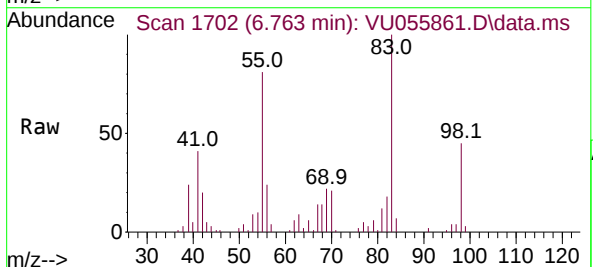
Ion	Ratio	Lower	Upper
95	100		
97	62.9	45.4	84.2
132	96.2	63.9	118.7
130	98.1	66.8	124.2

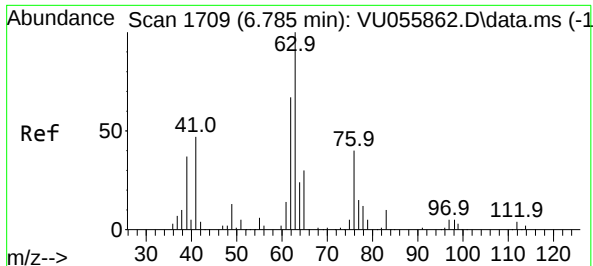


#35
Methylcyclohexane
Concen: 0.797 ug/L
RT: 6.763 min Scan# 1702
Delta R.T. 0.003 min
Lab File: VU055861.D
Acq: 24 Oct 2023 10:00

Tgt Ion: 83 Resp: 27796

Ion	Ratio	Lower	Upper
83	100		
55	81.7	62.4	93.6
98	49.3	37.4	56.2





#37

1,2-Dichloropropane

Concen: 0.846 ug/L

RT: 6.791 min Scan# 1

Delta R.T. 0.006 min

Lab File: VU055861.D

Acq: 24 Oct 2023 10:00

Instrument :

MSVOA_U

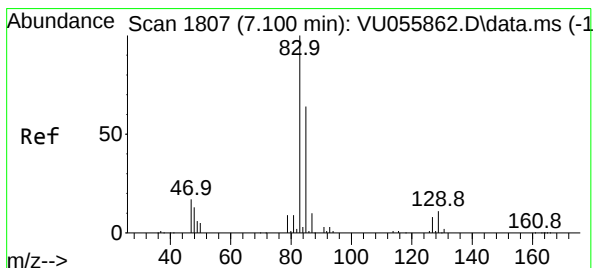
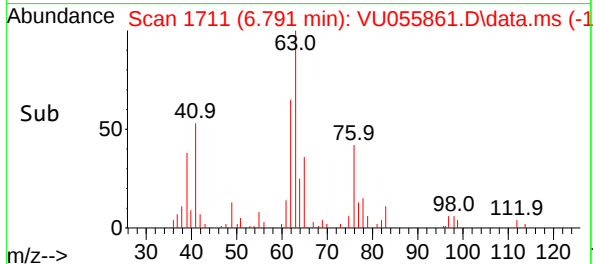
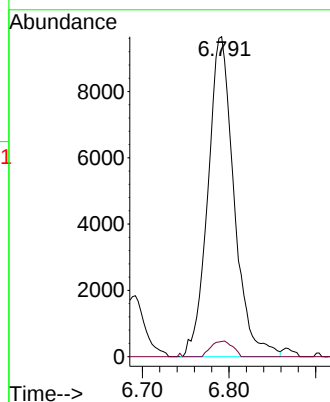
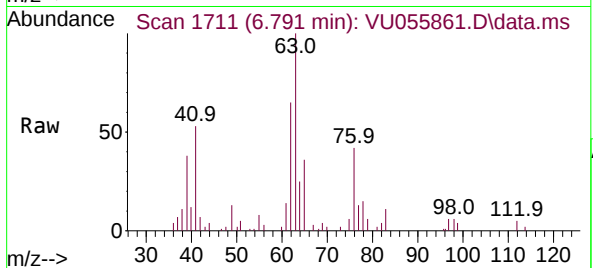
ClientSampleId :

Tgt Ion: 63 Resp: 20248

Ion Ratio Lower Upper

63 100

112 4.0 3.1 4.7



#38

Bromodichloromethane

Concen: 0.831 ug/L

RT: 7.107 min Scan# 1809

Delta R.T. 0.006 min

Lab File: VU055861.D

Acq: 24 Oct 2023 10:00

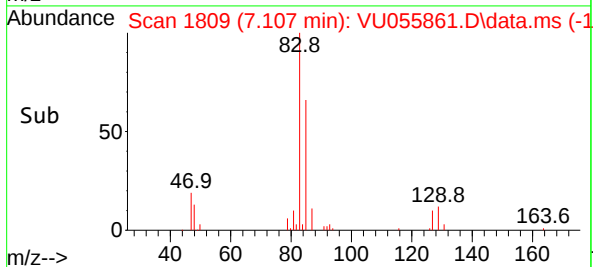
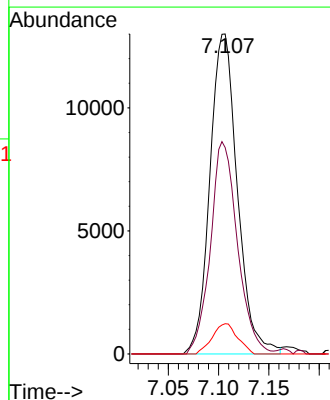
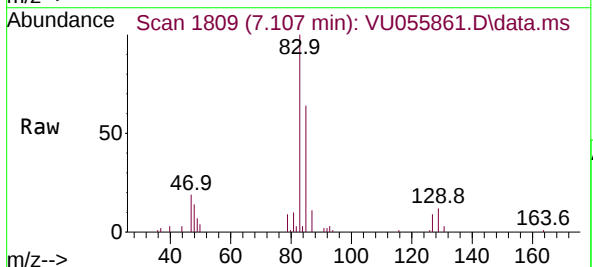
Tgt Ion: 83 Resp: 24754

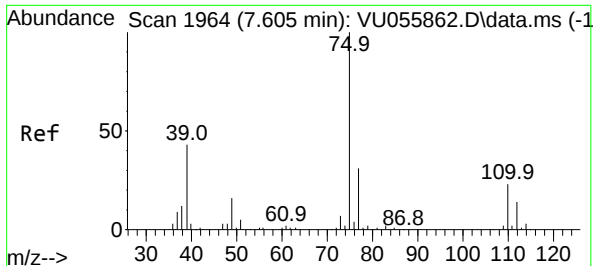
Ion Ratio Lower Upper

83 100

85 64.5 44.9 83.3

127 9.5 6.6 9.8





#39

cis-1,3-Dichloropropene

Concen: 0.744 ug/L

RT: 7.608 min Scan# 1964

Delta R.T. 0.003 min

Lab File: VU055861.D

Acq: 24 Oct 2023 10:00

Instrument :

MSVOA_U

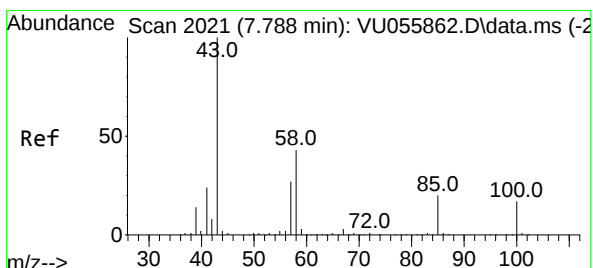
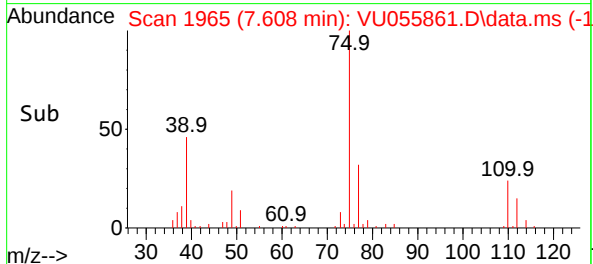
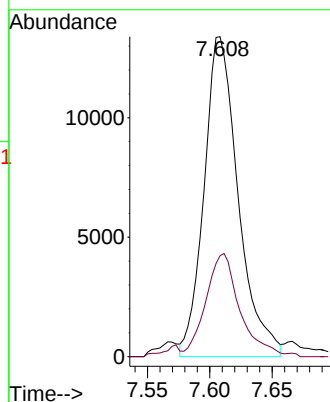
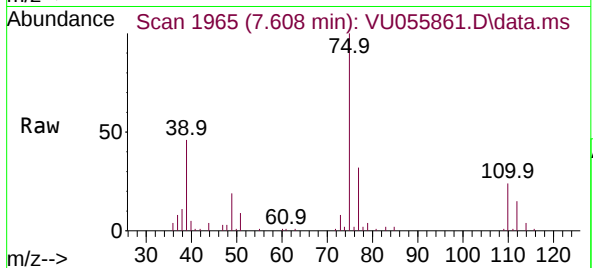
ClientSampleId :

Tgt Ion: 75 Resp: 25535

Ion Ratio Lower Upper

75 100

77 31.5 21.7 40.3



#40

4-Methyl-2-pentanone

Concen: 6.994 ug/L

RT: 7.791 min Scan# 2022

Delta R.T. 0.003 min

Lab File: VU055861.D

Acq: 24 Oct 2023 10:00

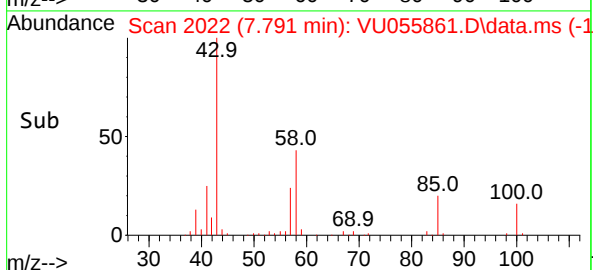
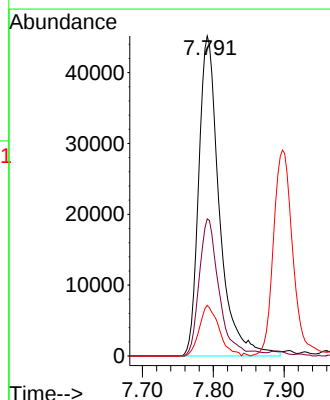
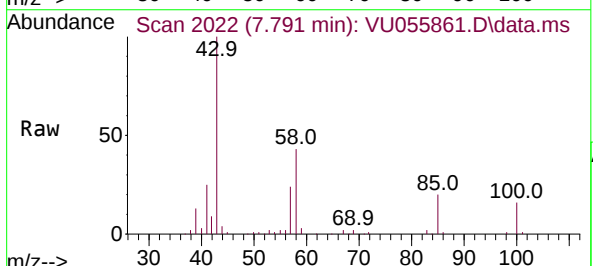
Tgt Ion: 43 Resp: 91528

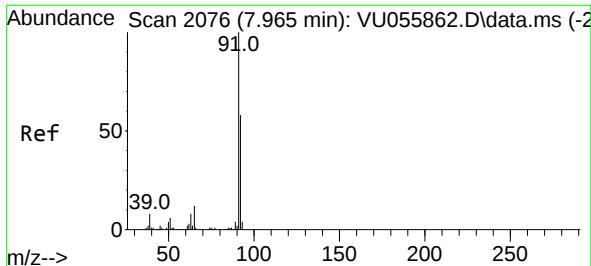
Ion Ratio Lower Upper

43 100

58 40.6 34.0 51.0

100 15.0 13.0 19.6





#42

Toluene

Concen: 0.799 ug/L

RT: 7.968 min Scan# 2076

Delta R.T. 0.003 min

Lab File: VU055861.D

Acq: 24 Oct 2023 10:00

Instrument :

MSVOA_U

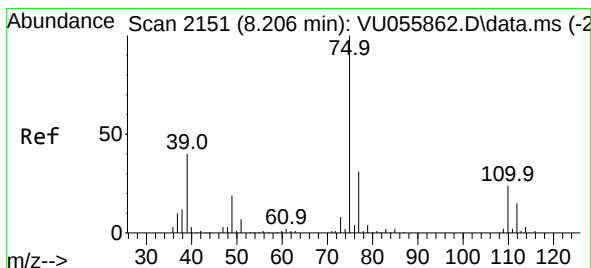
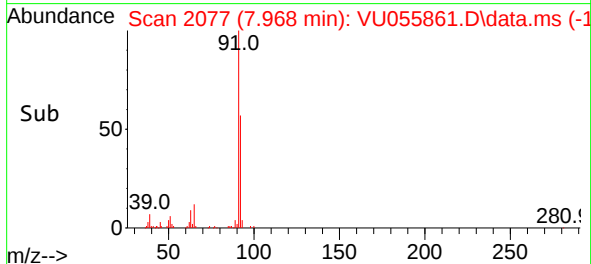
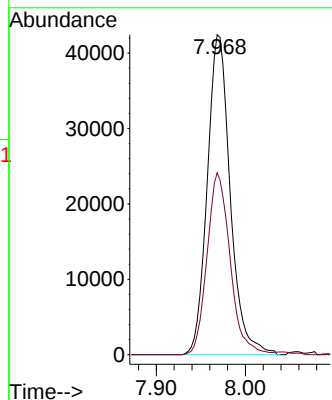
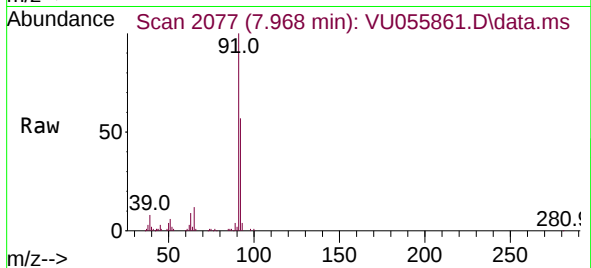
ClientSampleId :

Tgt Ion: 91 Resp: 76075

Ion Ratio Lower Upper

91 100

92 56.9 40.6 75.4



#44

trans-1,3-Dichloropropene

Concen: 0.752 ug/L

RT: 8.213 min Scan# 2153

Delta R.T. 0.006 min

Lab File: VU055861.D

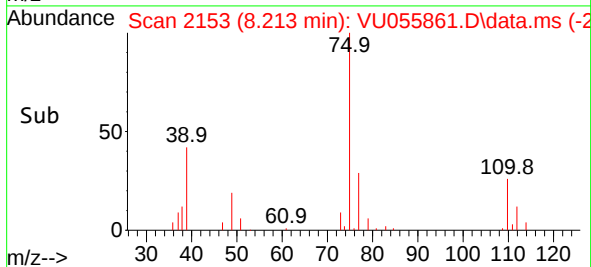
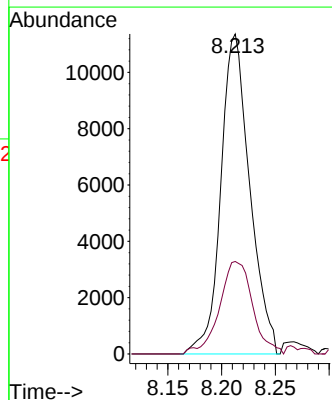
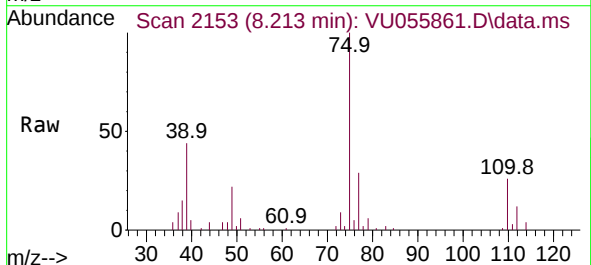
Acq: 24 Oct 2023 10:00

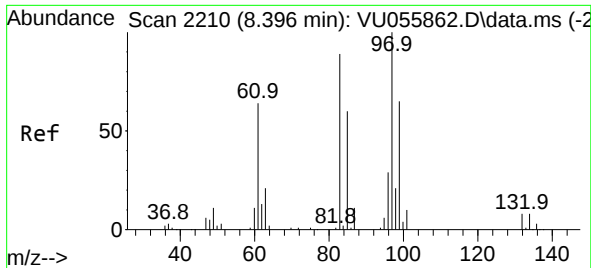
Tgt Ion: 75 Resp: 21285

Ion Ratio Lower Upper

75 100

77 28.9 21.7 40.3

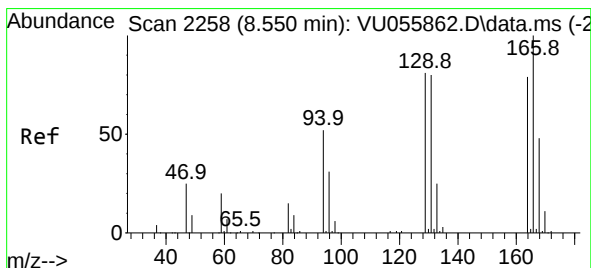
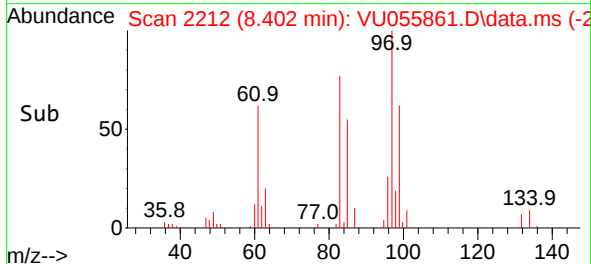
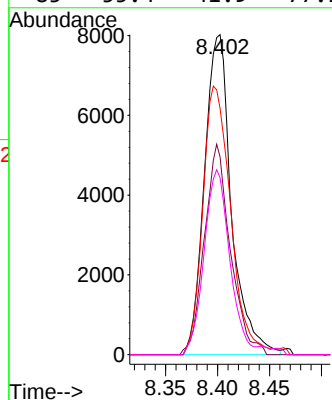
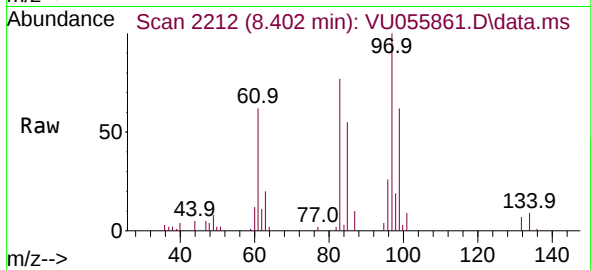




#45
1,1,2-Trichloroethane
Concen: 0.899 ug/L
RT: 8.402 min Scan# 2110
Delta R.T. 0.006 min
Lab File: VU055861.D
Acq: 24 Oct 2023 10:00

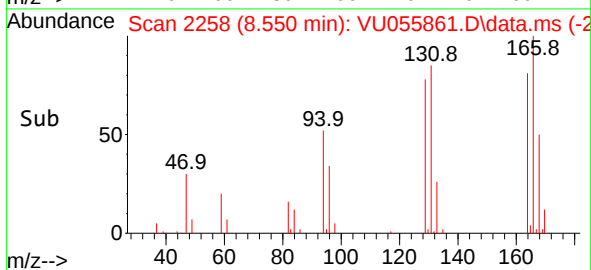
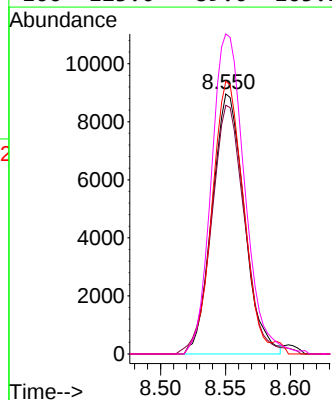
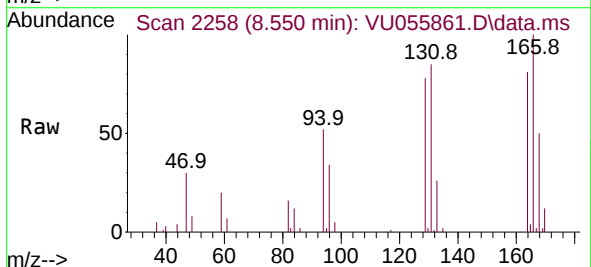
Instrument :
MSVOA_U
ClientSampleId :

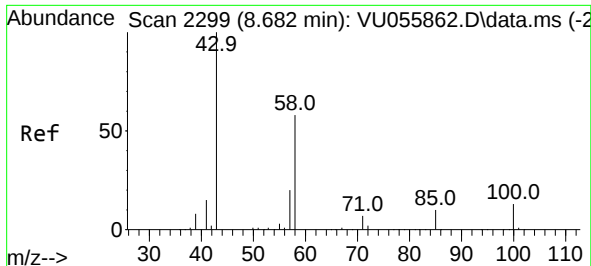
Tgt Ion:	97	Resp:	14532
Ion	Ratio	Lower	Upper
97	100		
99	61.8	45.3	84.1
83	77.1	61.9	115.1
85	55.4	41.9	77.9



#47
Tetrachloroethene
Concen: 0.895 ug/L
RT: 8.550 min Scan# 2258
Delta R.T. -0.000 min
Lab File: VU055861.D
Acq: 24 Oct 2023 10:00

Tgt Ion:	164	Resp:	15417
Ion	Ratio	Lower	Upper
164	100		
129	95.6	72.2	134.0
131	104.8	70.8	131.6
166	123.0	89.0	165.2

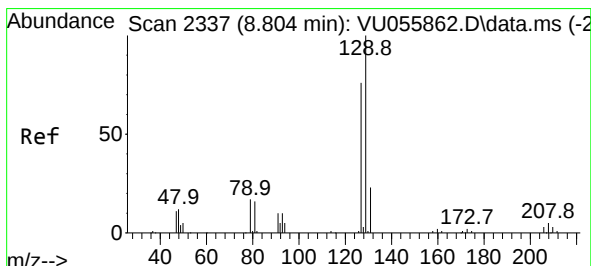
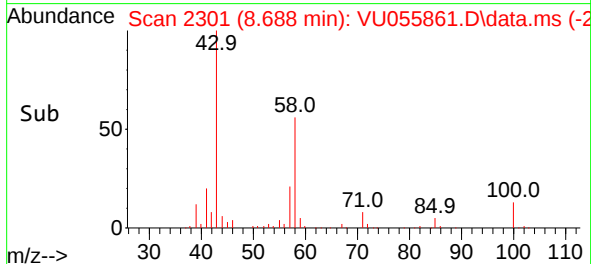
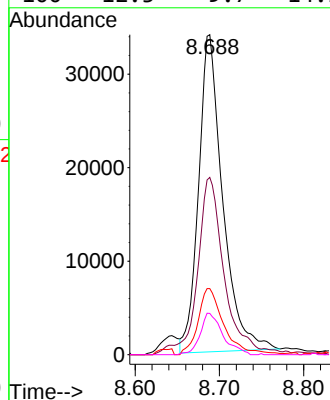
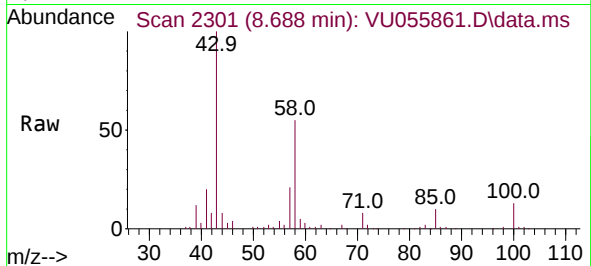




#48
2-Hexanone
Concen: 6.876 ug/L
RT: 8.688 min Scan# 21
Delta R.T. 0.006 min
Lab File: VU055861.D
Acq: 24 Oct 2023 10:00

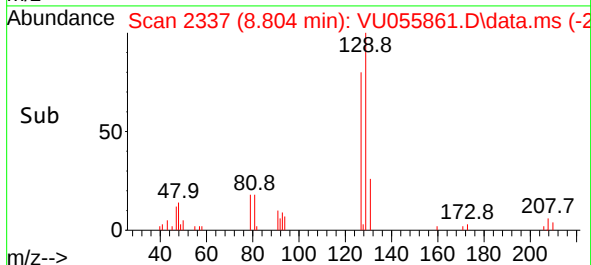
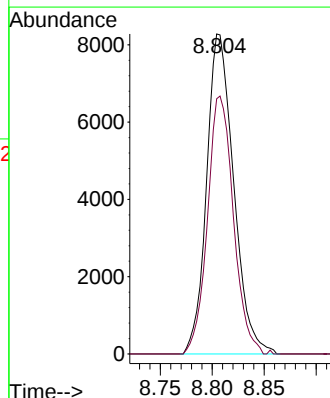
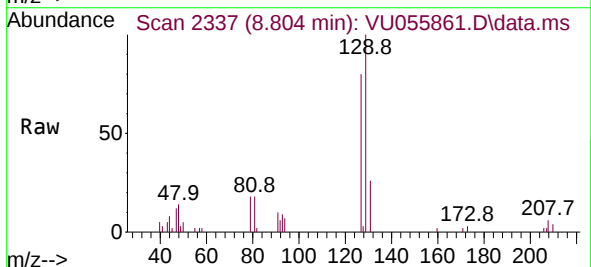
Instrument :
MSVOA_U
ClientSampleId :

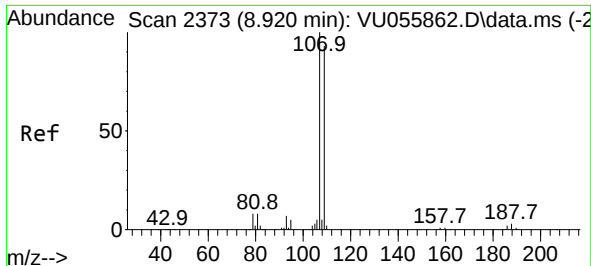
Tgt Ion: 43 Resp: 67621
Ion Ratio Lower Upper
43 100
58 61.7 49.5 74.3
57 22.3 16.9 25.3
100 12.3 9.7 14.5



#49
Dibromochloromethane
Concen: 0.794 ug/L
RT: 8.804 min Scan# 2337
Delta R.T. -0.000 min
Lab File: VU055861.D
Acq: 24 Oct 2023 10:00

Tgt Ion: 129 Resp: 15002
Ion Ratio Lower Upper
129 100
127 79.8 53.5 99.5





#50

1,2-Dibromoethane

Concen: 0.811 ug/L

RT: 8.923 min Scan# 21

Delta R.T. 0.003 min

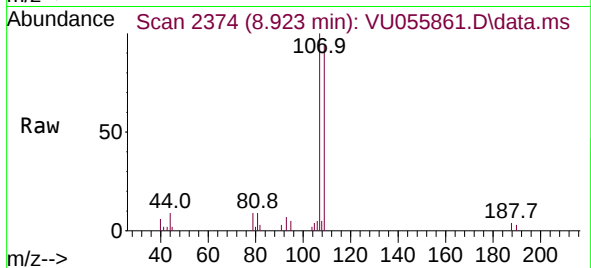
Lab File: VU055861.D

Acq: 24 Oct 2023 10:00

Instrument :

MSVOA_U

ClientSampleId :



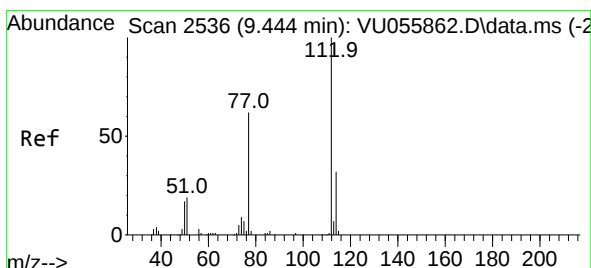
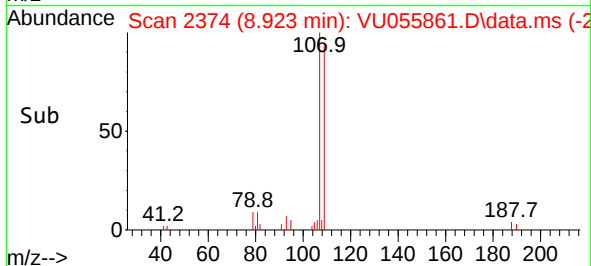
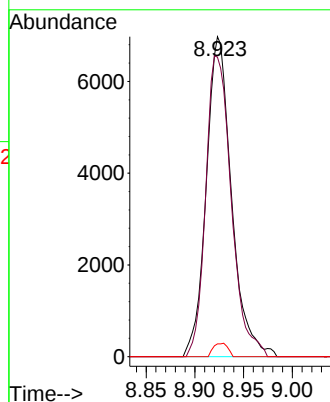
Tgt Ion:107 Resp: 12603

Ion Ratio Lower Upper

107 100

109 93.6 65.0 120.6

188 4.0 2.5 3.7#



#51

Chlorobenzene

Concen: 0.839 ug/L

RT: 9.447 min Scan# 2537

Delta R.T. 0.003 min

Lab File: VU055861.D

Acq: 24 Oct 2023 10:00

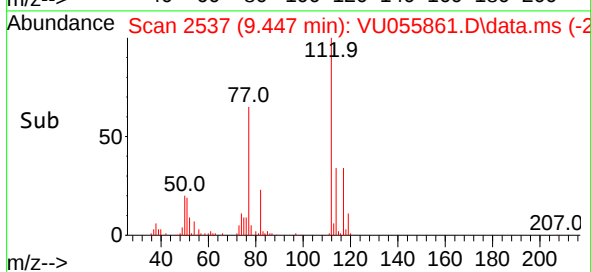
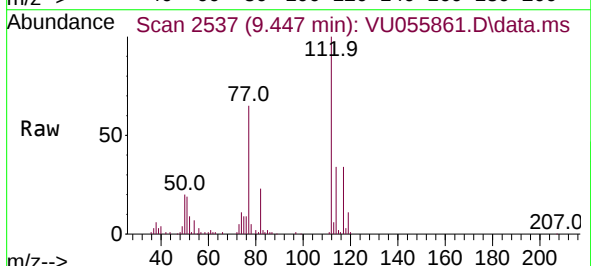
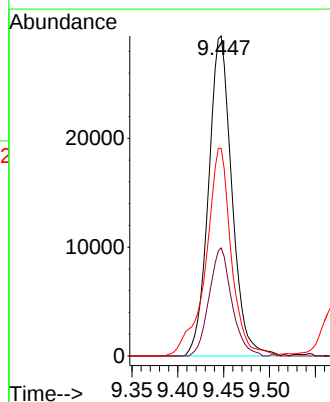
Tgt Ion:112 Resp: 52024

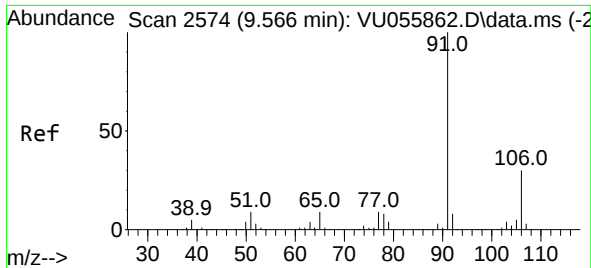
Ion Ratio Lower Upper

112 100

114 33.8 22.3 41.5

77 64.9 49.9 74.9

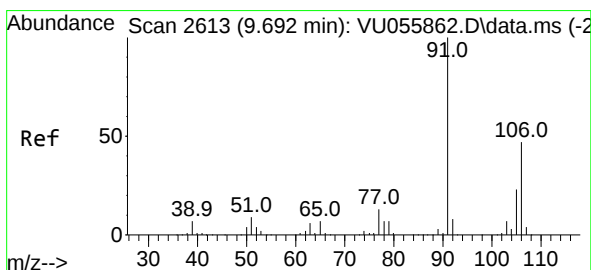
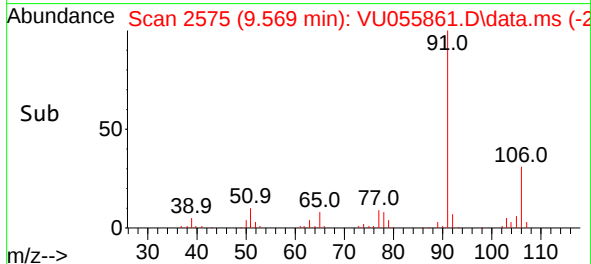
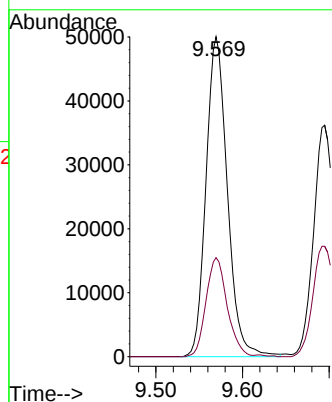
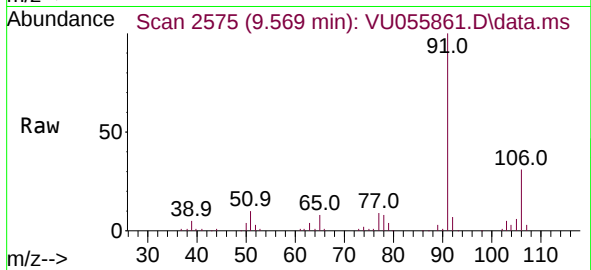




#52
Ethylbenzene
Concen: 0.800 ug/L
RT: 9.569 min Scan# 2100
Delta R.T. 0.003 min
Lab File: VU055861.D
Acq: 24 Oct 2023 10:00

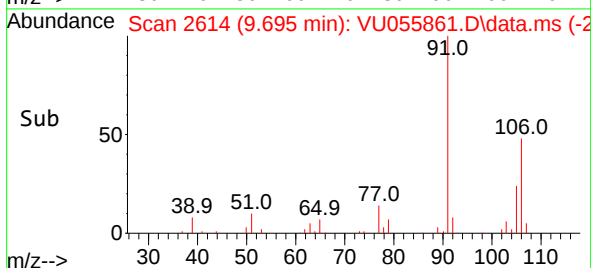
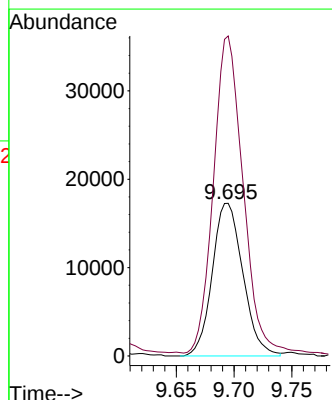
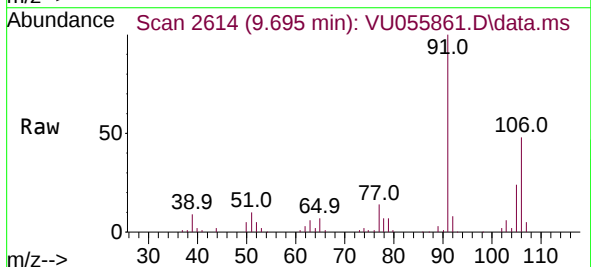
Instrument :
MSVOA_U
ClientSampleId :

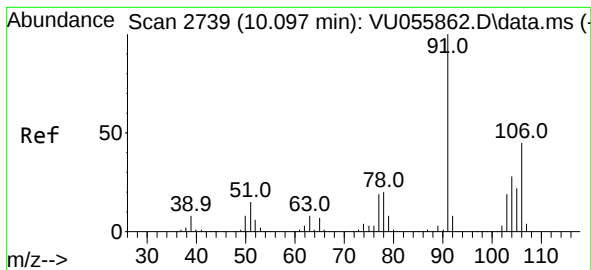
Tgt Ion: 91 Resp: 85588
Ion Ratio Lower Upper
91 100
106 31.0 21.3 39.5



#53
m,p-Xylene
Concen: 0.795 ug/L
RT: 9.695 min Scan# 2614
Delta R.T. 0.003 min
Lab File: VU055861.D
Acq: 24 Oct 2023 10:00

Tgt Ion:106 Resp: 31868
Ion Ratio Lower Upper
106 100
91 209.7 150.4 279.2





#54

o-Xylene

Concen: 0.818 ug/L

RT: 10.100 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU055861.D

Acq: 24 Oct 2023 10:00

Instrument :

MSVOA_U

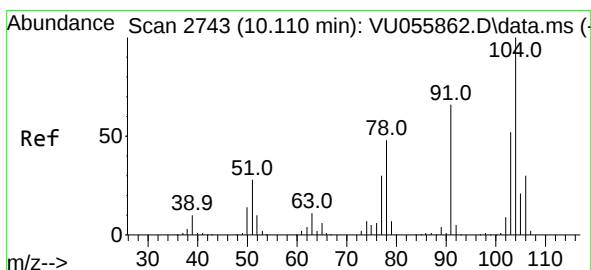
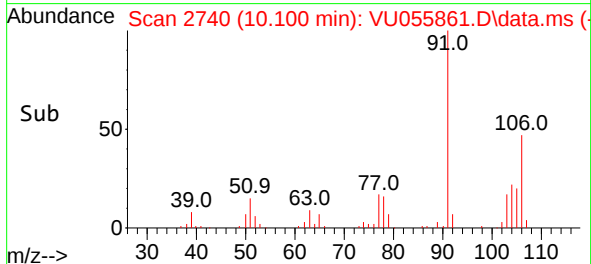
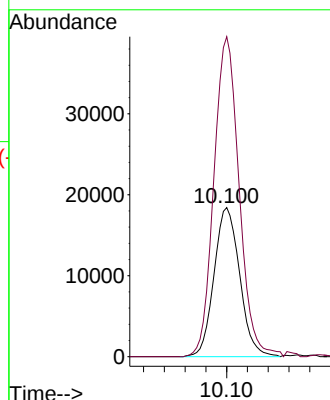
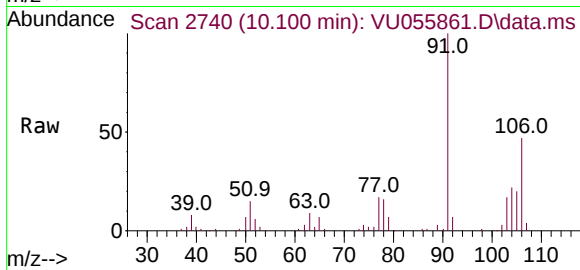
ClientSampleId :

Tgt Ion:106 Resp: 31587

Ion Ratio Lower Upper

106 100

91 214.6 154.6 287.2



#55

Styrene

Concen: 0.732 ug/L

RT: 10.116 min Scan# 2745

Delta R.T. 0.006 min

Lab File: VU055861.D

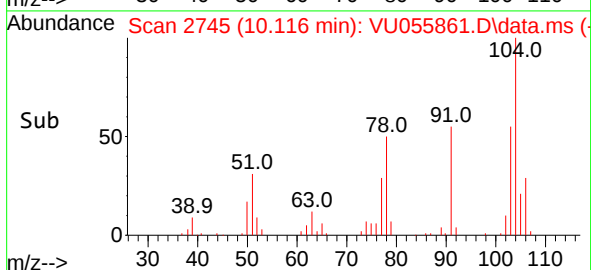
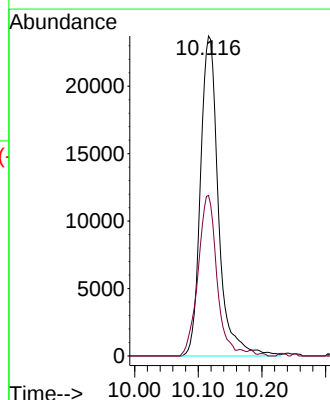
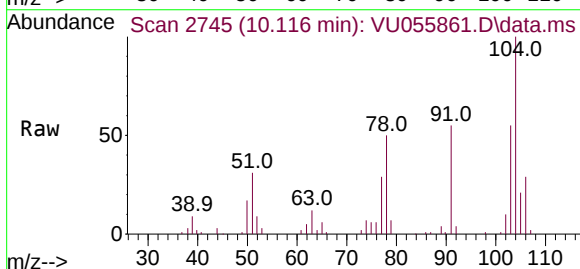
Acq: 24 Oct 2023 10:00

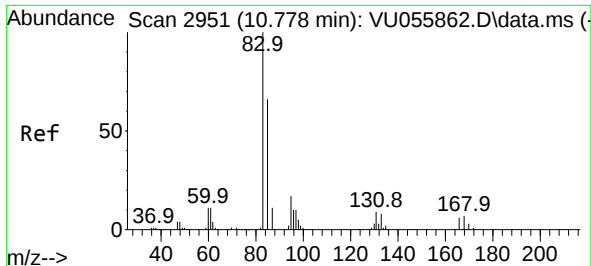
Tgt Ion:104 Resp: 46512

Ion Ratio Lower Upper

104 100

78 50.1 33.9 63.0

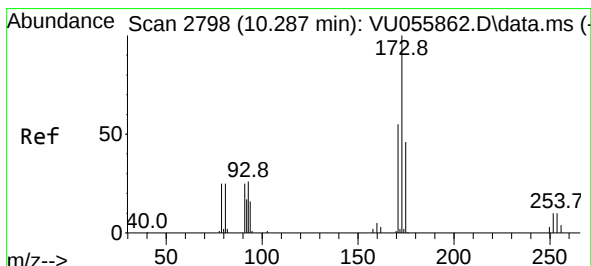
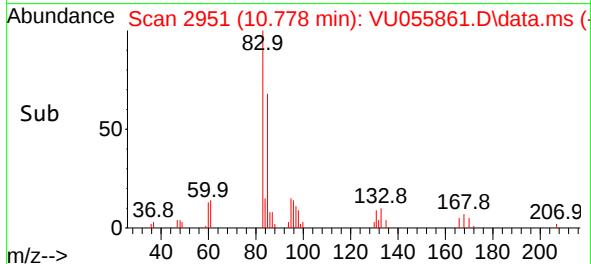
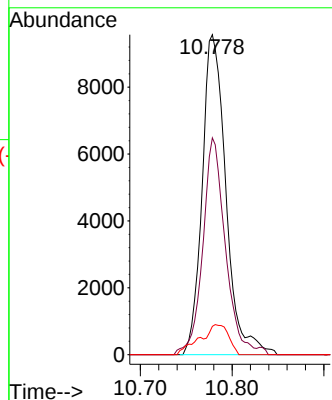
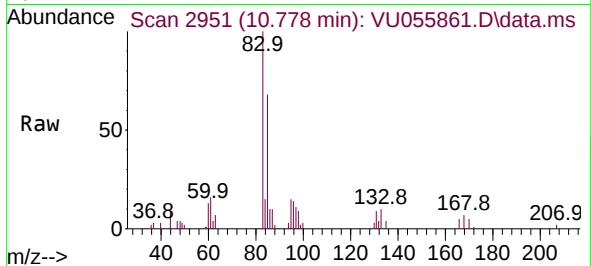




#57
1,1,2,2-Tetrachloroethane
Concen: 0.863 ug/L
RT: 10.778 min Scan# 2951
Delta R.T. -0.000 min
Lab File: VU055861.D
Acq: 24 Oct 2023 10:00

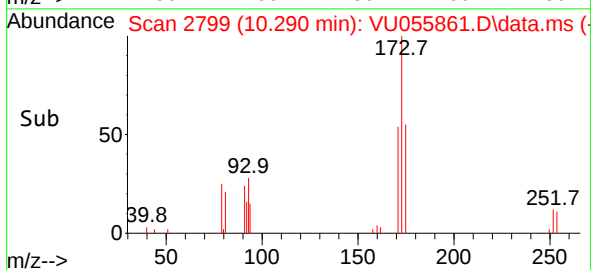
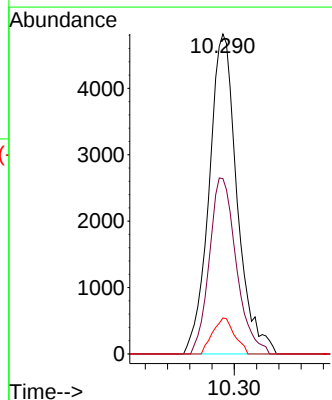
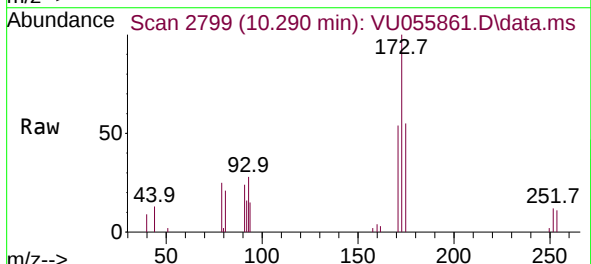
Instrument :
MSVOA_U
ClientSampleId :

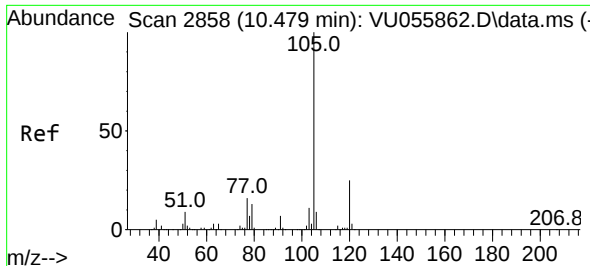
Tgt Ion: 83 Resp: 17194
Ion Ratio Lower Upper
83 100
85 67.8 46.2 85.8
131 8.8 7.2 10.8



#59
Bromoform
Concen: 0.977 ug/L
RT: 10.290 min Scan# 2799
Delta R.T. 0.003 min
Lab File: VU055861.D
Acq: 24 Oct 2023 10:00

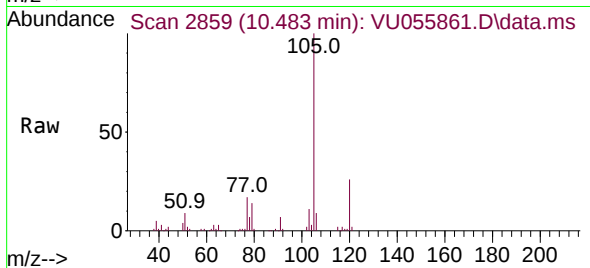
Tgt Ion:173 Resp: 8392
Ion Ratio Lower Upper
173 100
175 52.9 37.8 56.6
254 8.7 7.4 11.0



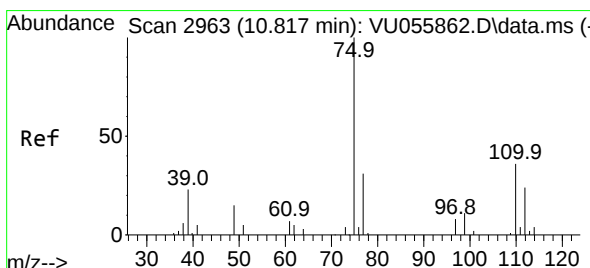
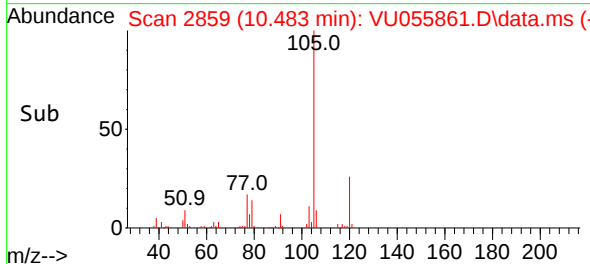
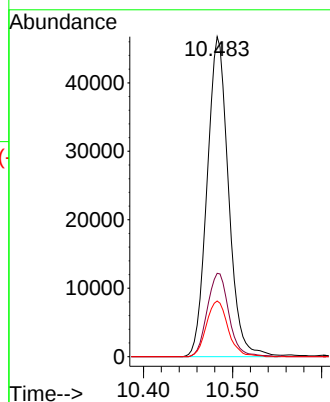


#60
Isopropylbenzene
Concen: 0.861 ug/L
RT: 10.483 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU055861.D
Acq: 24 Oct 2023 10:00

Instrument :
MSVOA_U
ClientSampleId :

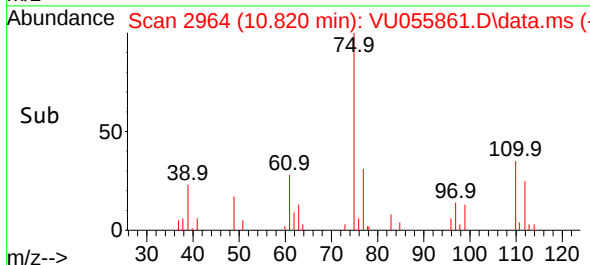
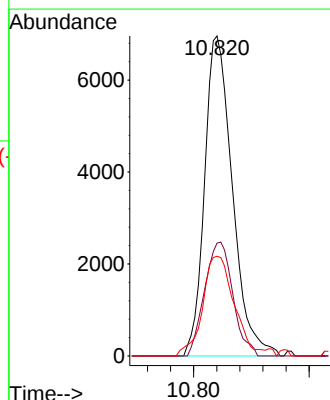
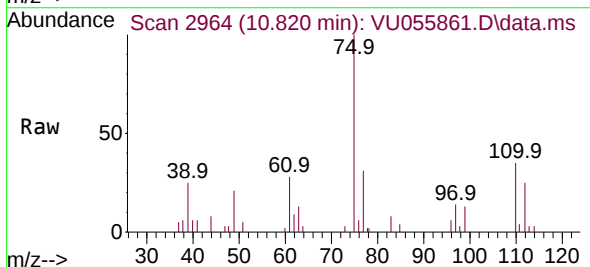


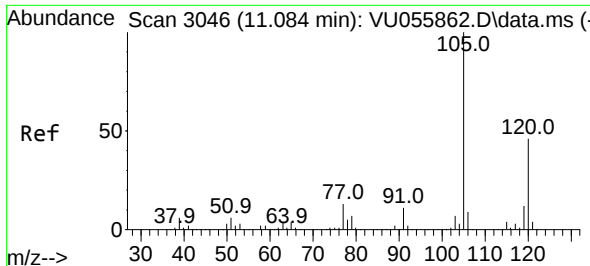
Tgt Ion:105 Resp: 77844
Ion Ratio Lower Upper
105 100
120 26.4 20.2 30.4
77 17.6 13.0 19.4



#61
1,2,3-Trichloropropane
Concen: 0.926 ug/L
RT: 10.820 min Scan# 2964
Delta R.T. 0.003 min
Lab File: VU055861.D
Acq: 24 Oct 2023 10:00

Tgt Ion: 75 Resp: 11656
Ion Ratio Lower Upper
75 100
110 36.0 29.0 43.6
77 35.2 24.5 36.7





#62

1,3,5-Trimethylbenzene

Concen: 0.801 ug/L

RT: 11.087 min Scan# 3046

Delta R.T. 0.003 min

Lab File: VU055861.D

Acq: 24 Oct 2023 10:00

Instrument :

MSVOA_U

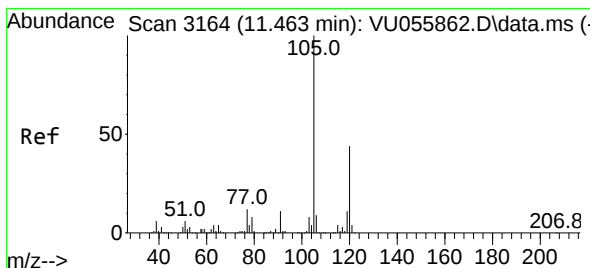
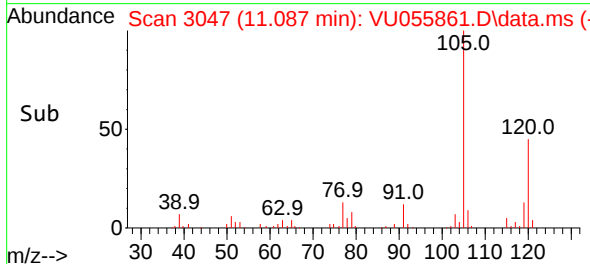
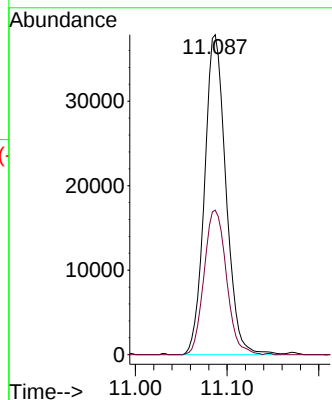
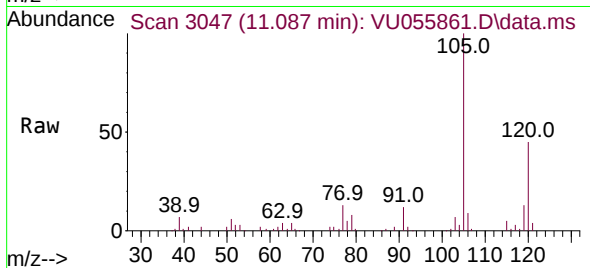
ClientSampleId :

Tgt Ion:105 Resp: 61445

Ion Ratio Lower Upper

105 100

120 47.2 37.4 56.2



#63

1,2,4-Trimethylbenzene

Concen: 0.765 ug/L

RT: 11.467 min Scan# 3165

Delta R.T. 0.003 min

Lab File: VU055861.D

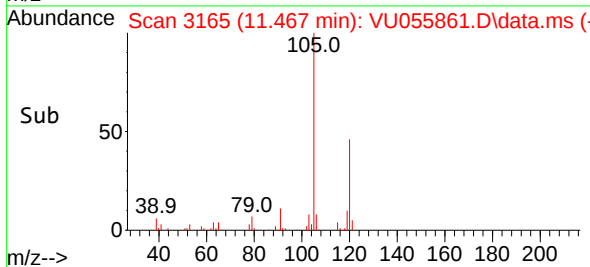
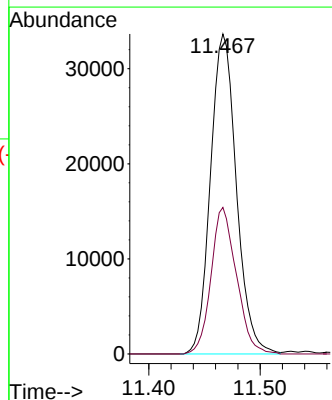
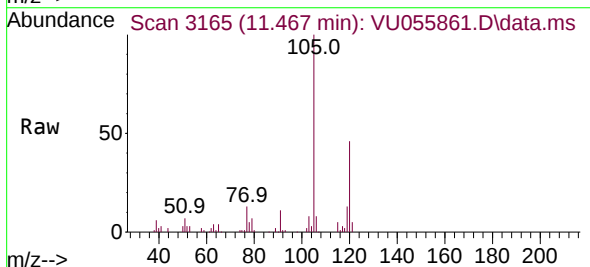
Acq: 24 Oct 2023 10:00

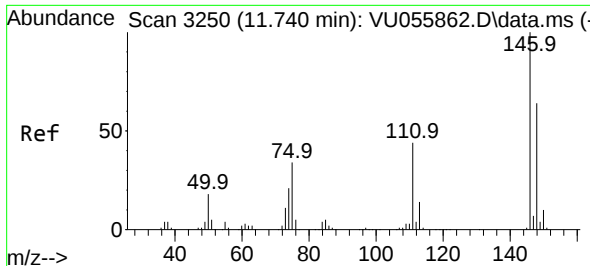
Tgt Ion:105 Resp: 54380

Ion Ratio Lower Upper

105 100

120 44.8 34.6 52.0

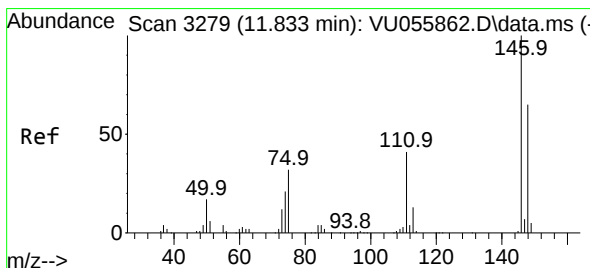
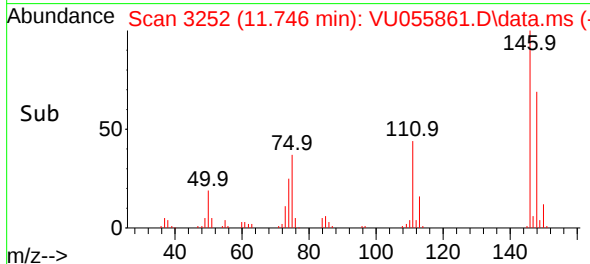
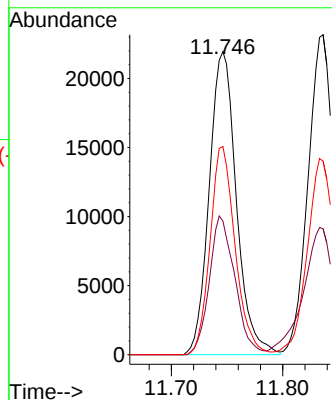
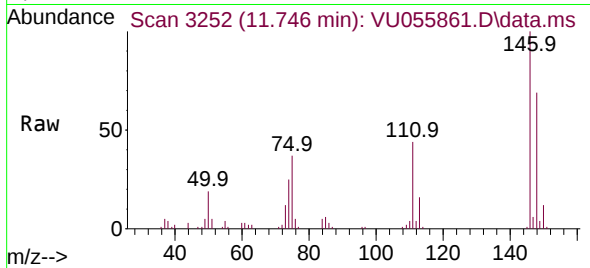




#64
1,3-Dichlorobenzene
Concen: 0.880 ug/L
RT: 11.746 min Scan# 31
Delta R.T. 0.006 min
Lab File: VU055861.D
Acq: 24 Oct 2023 10:00

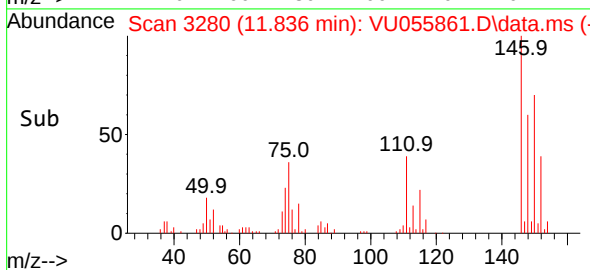
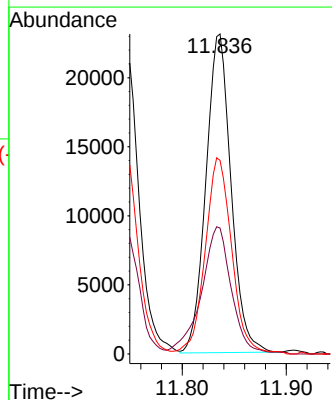
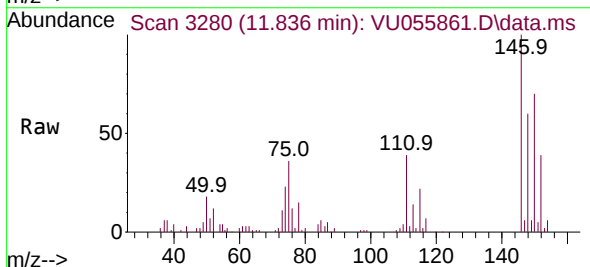
Instrument :
MSVOA_U
ClientSampleId :

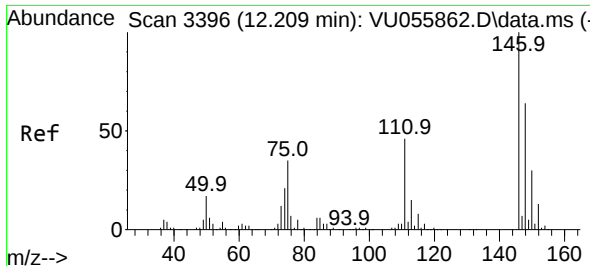
Tgt Ion:146 Resp: 37160
Ion Ratio Lower Upper
146 100
111 44.1 31.1 57.9
148 68.7 44.8 83.2



#65
1,4-Dichlorobenzene
Concen: 0.920 ug/L
RT: 11.836 min Scan# 3280
Delta R.T. 0.003 min
Lab File: VU055861.D
Acq: 24 Oct 2023 10:00

Tgt Ion:146 Resp: 38816
Ion Ratio Lower Upper
146 100
111 39.3 29.3 54.3
148 60.5 45.6 84.8





#67

1,2-Dichlorobenzene

Concen: 0.918 ug/L

RT: 12.212 min Scan# 31

Delta R.T. 0.003 min

Lab File: VU055861.D

Acq: 24 Oct 2023 10:00

Instrument :

MSVOA_U

ClientSampleId :

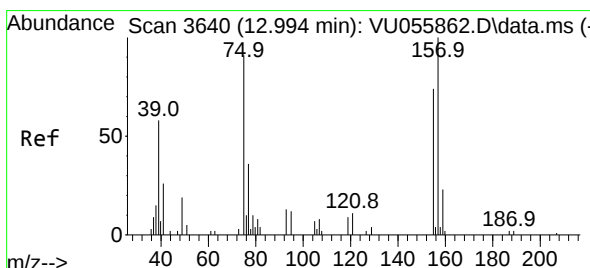
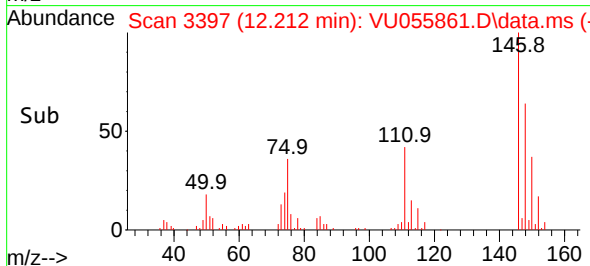
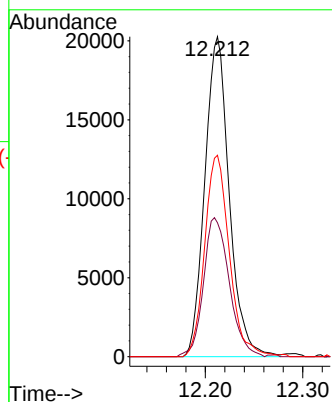
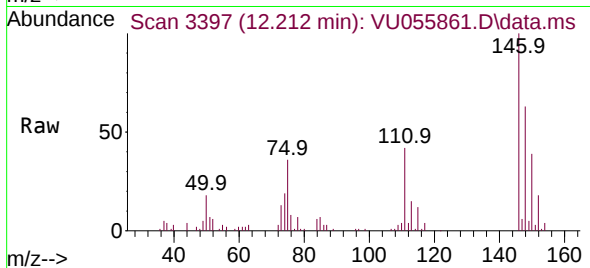
Tgt Ion:146 Resp: 35248

Ion Ratio Lower Upper

146 100

111 41.8 36.7 55.1

148 63.0 51.0 76.4



#68

1,2-Dibromo-3-chloropropane

Concen: 0.790 ug/L

RT: 12.997 min Scan# 3641

Delta R.T. 0.003 min

Lab File: VU055861.D

Acq: 24 Oct 2023 10:00

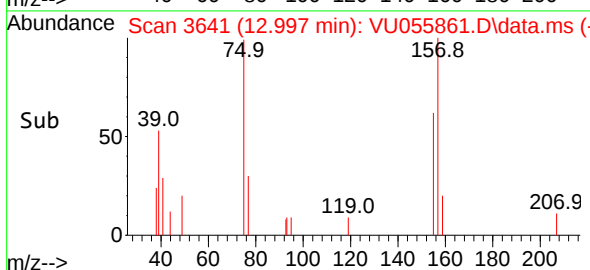
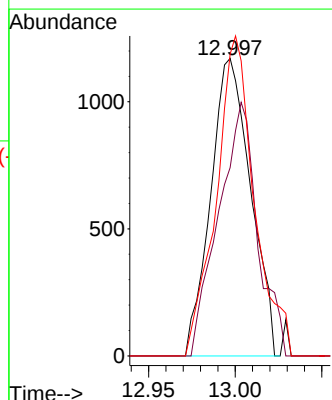
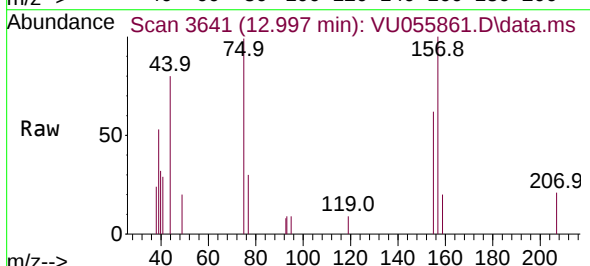
Tgt Ion: 75 Resp: 1881

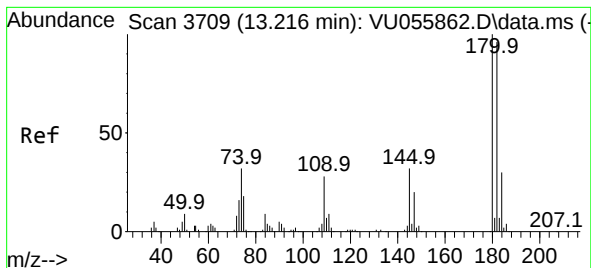
Ion Ratio Lower Upper

75 100

155 63.3 65.3 97.9#

157 101.4 87.9 131.9





#69

1,3,5-Trichlorobenzene

Concen: 0.870 ug/L

RT: 13.219 min Scan# 31

Delta R.T. 0.003 min

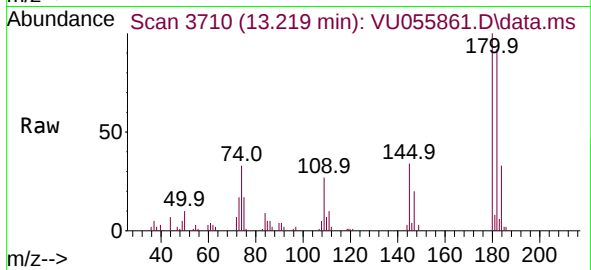
Lab File: VU055861.D

Acq: 24 Oct 2023 10:00

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:180 Resp: 24556

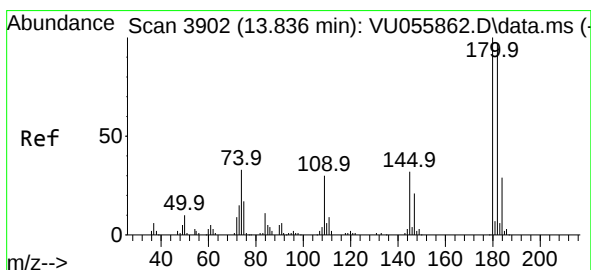
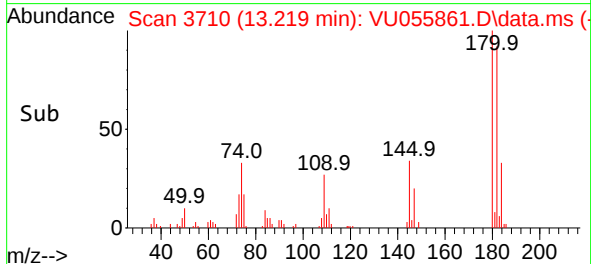
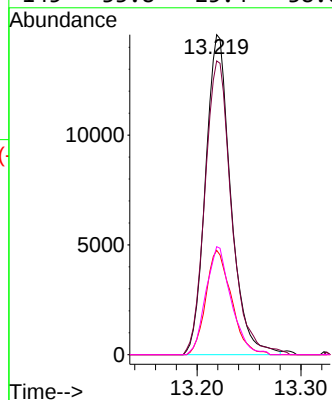
Ion Ratio Lower Upper

180 100

182 96.7 74.7 112.1

184 33.0 23.8 35.8

145 33.8 25.4 38.0



#70

1,2,4-trichlorobenzene

Concen: 0.829 ug/L

RT: 13.843 min Scan# 3904

Delta R.T. 0.006 min

Lab File: VU055861.D

Acq: 24 Oct 2023 10:00

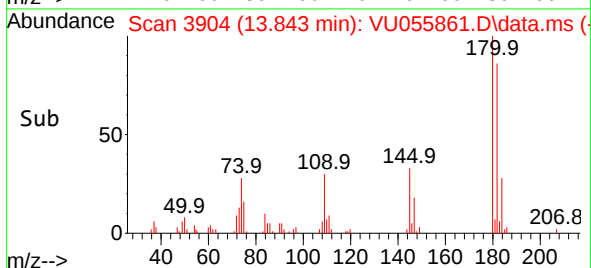
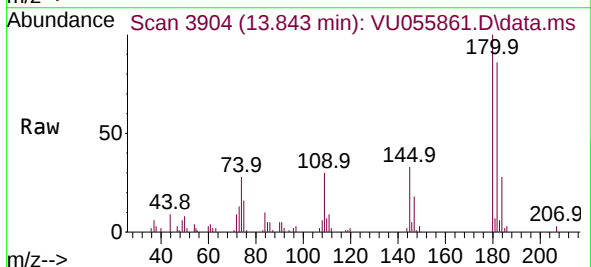
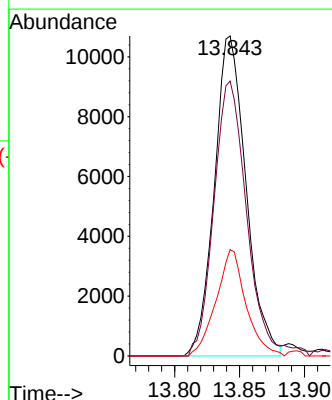
Tgt Ion:180 Resp: 18098

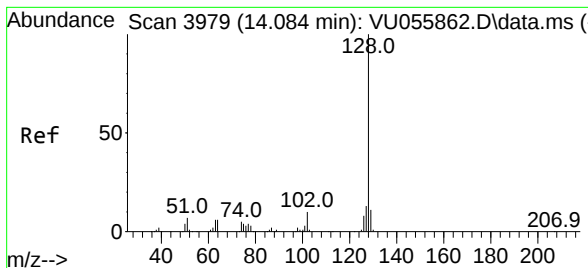
Ion Ratio Lower Upper

180 100

182 89.5 76.1 114.1

145 31.4 26.4 39.6





#71

Naphthalene

Concen: 0.766 ug/L

RT: 14.090 min Scan# 3979

Delta R.T. 0.006 min

Lab File: VU055861.D

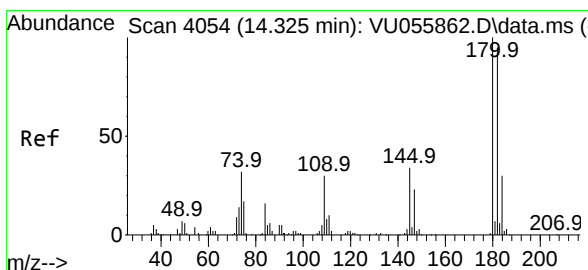
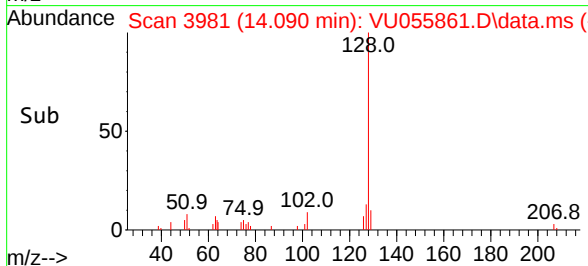
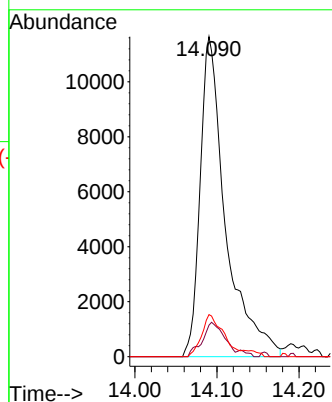
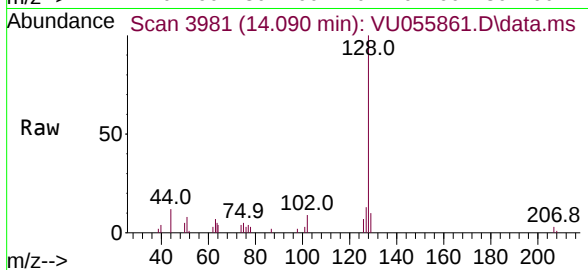
Acq: 24 Oct 2023 10:00

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:128	Resp:	25124
Ion Ratio	Lower	Upper
128	100	
129	9.1	8.3 12.5
127	12.3	10.0 15.0



#72

1,2,3-Trichlorobenzene

Concen: 0.864 ug/L

RT: 14.331 min Scan# 4056

Delta R.T. 0.006 min

Lab File: VU055861.D

Acq: 24 Oct 2023 10:00

Tgt Ion:180	Resp:	15776
Ion Ratio	Lower	Upper
180	100	
182	86.9	74.6 112.0
145	34.1	27.4 41.2

