

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012623\
 Data File : VU052813.D
 Acq On : 26 Jan 2023 12:13
 Operator : JC/MD
 Sample : VSTD050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jan 27 04:13:48 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM012623WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jan 27 04:12:04 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.244	114	279070	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	270128	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.806	152	158380	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.598	65	100235	33.646	ug/L	0.00
7) Chloroethane-d5	1.913	69	83217	35.406	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.565	63	198732	39.245	ug/L	0.00
21) 2-Butanone-d5	4.626	46	127360	68.056	ug/L	0.00
24) Chloroform-d	5.057	84	215099	43.767	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.697	65	136911	42.648	ug/L	0.00
32) Benzene-d6	5.723	84	420752	45.280	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.684	67	123397	38.876	ug/L	0.00
41) Toluene-d8	7.893	98	389555	48.859	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.173	79	62225	44.066	ug/L	0.00
47) 2-Hexanone-d5	8.633	63	91115	81.413	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.752	84	180273	42.344	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.189	152	152560	48.924	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.385	85	123790	49.075	ug/L	100
3) Chloromethane	1.517	50	102195	31.935	ug/L	100
5) Vinyl chloride	1.604	62	113332	37.112	ug/L	100
6) Bromomethane	1.858	94	71718	46.998	ug/L	100
8) Chloroethane	1.932	64	70079	35.744	ug/L	100
9) Trichlorofluoromethane	2.135	101	190022	51.104	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	106694	48.421	ug/L	100
12) 1,1-Dichloroethene	2.578	96	97972	48.066	ug/L	100
13) Acetone	2.639	43	140417	71.142	ug/L	100
14) Carbon disulfide	2.790	76	295572	47.473	ug/L	100
15) Methyl Acetate	2.948	43	99698	33.099	ug/L	100
16) Methylene chloride	3.041	84	116968	43.945	ug/L	100
17) trans-1,2-Dichloroethene	3.350	96	107092	50.031	ug/L	100
18) Methyl tert-butyl Ether	3.360	73	324184	47.574	ug/L	100
19) 1,1-Dichloroethane	3.864	63	190236	40.389	ug/L	100
20) cis-1,2-Dichloroethene	4.662	96	117036	49.221	ug/L	100
22) 2-Butanone	4.704	43	161537	70.748	ug/L	100
23) Bromochloromethane	4.970	128	64361	52.242	ug/L	100
25) Chloroform	5.083	83	210884	46.160	ug/L	100
27) 1,2-Dichloroethane	5.787	62	169782	45.183	ug/L	100
29) Cyclohexane	5.385	56	160615	44.373	ug/L	100
30) 1,1,1-Trichloroethane	5.311	97	192127	52.542	ug/L	100
31) Carbon tetrachloride	5.520	117	168395	54.871	ug/L	100
33) Benzene	5.768	78	453078	46.917	ug/L	100
34) Trichloroethene	6.536	95	111815	49.726	ug/L	100
35) Methylcyclohexane	6.758	83	185571	52.117	ug/L	100
37) 1,2-Dichloropropane	6.784	63	110782	40.098	ug/L	100
38) Bromodichloromethane	7.099	83	158583	46.348	ug/L	100
39) cis-1,3-Dichloropropene	7.604	75	176285	46.960	ug/L	100
40) 4-Methyl-2-pentanone	7.790	43	271388	75.337	ug/L	100
42) Toluene	7.964	91	476431	50.565	ug/L	100
44) trans-1,3-Dichloropropene	8.205	75	173686	47.971	ug/L	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012623\
 Data File : VU052813.D
 Acq On : 26 Jan 2023 12:13
 Operator : JC/MD
 Sample : VSTD050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jan 27 04:13:48 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM012623WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jan 27 04:12:04 2023
 Response via : Initial Calibration

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

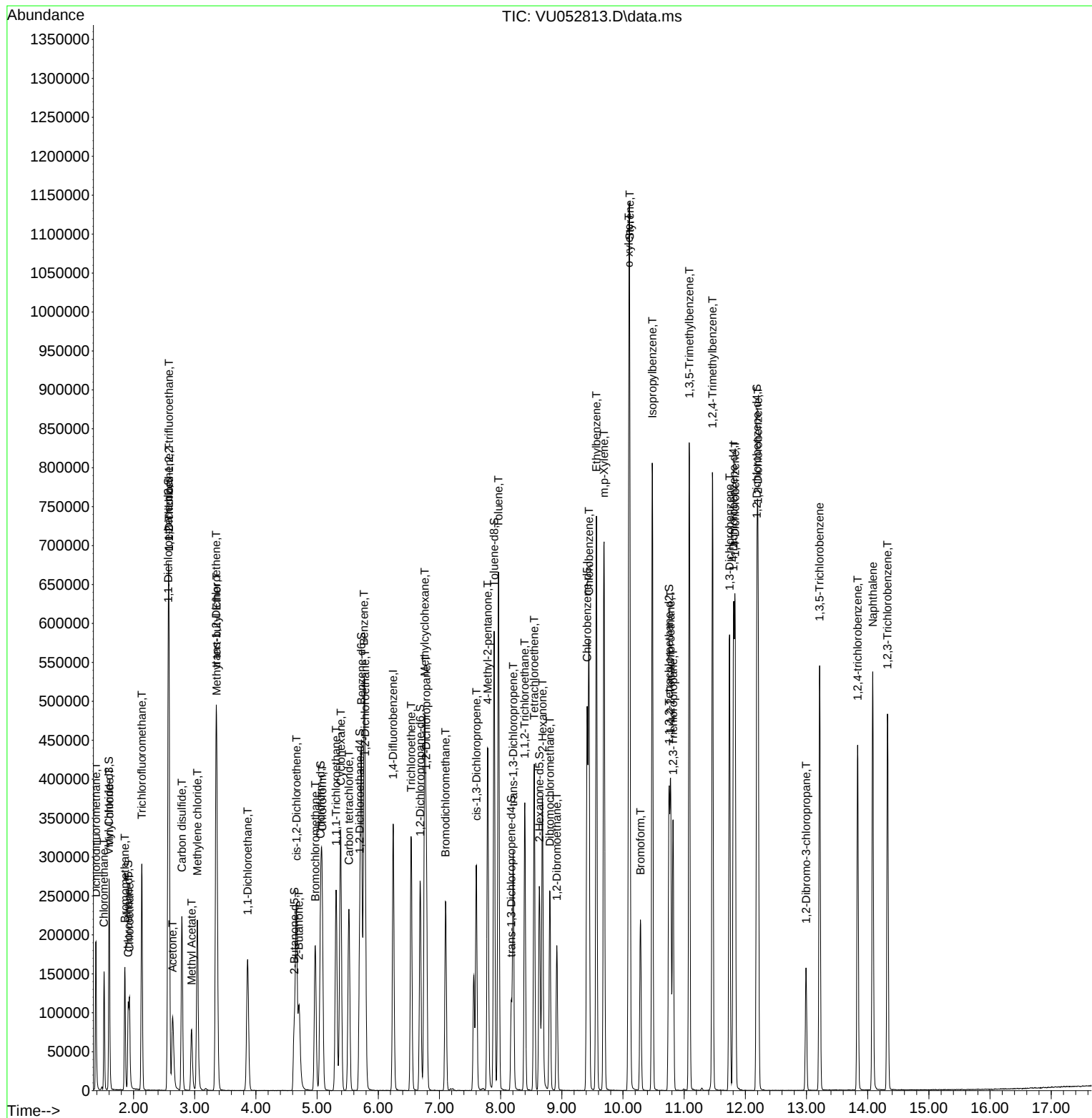
45) 1,1,2-Trichloroethane	8.395	97	112616	47.766	ug/L	100
46) Tetrachloroethene	8.549	164	97744	60.167	ug/L	100
48) 2-Hexanone	8.684	43	230359	77.514	ug/L	100
49) Dibromochloromethane	8.806	129	133280	52.826	ug/L	100
50) 1,2-Dibromoethane	8.919	107	121731	50.517	ug/L	100
51) Chlorobenzene	9.443	112	311330	51.381	ug/L	100
52) Ethylbenzene	9.565	91	505719	51.461	ug/L	100
53) m,p-Xylene	9.691	106	207455	55.694	ug/L	100
54) o-xylene	10.096	106	201400	56.150	ug/L	100
55) Styrene	10.109	104	347524	55.124	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.777	83	183053	43.579	ug/L	100
59) Bromoform	10.285	173	103875	54.709	ug/L	100
60) 1,2,3-Trichloropropane	10.819	75	145200	40.984	ug/L	100
61) Isopropylbenzene	10.478	105	514129	52.345	ug/L	100
62) 1,3,5-Trimethylbenzene	11.083	105	433464	53.757	ug/L	100
63) 1,2,4-Trimethylbenzene	11.462	105	426446	53.707	ug/L	100
64) 1,3-Dichlorobenzene	11.742	146	243075	51.407	ug/L	100
65) 1,4-Dichlorobenzene	11.832	146	247073	49.668	ug/L	100
67) 1,2-Dichlorobenzene	12.208	146	249053	51.111	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.993	75	41563	41.968	ug/L	100
69) 1,3,5-Trichlorobenzene	13.214	180	176035	52.200	ug/L	100
70) 1,2,4-trichlorobenzene	13.835	180	143264	50.285	ug/L	100
71) Naphthalene	14.083	128	433616	49.857	ug/L	100
72) 1,2,3-Trichlorobenzene	14.324	180	155910	53.055	ug/L	100

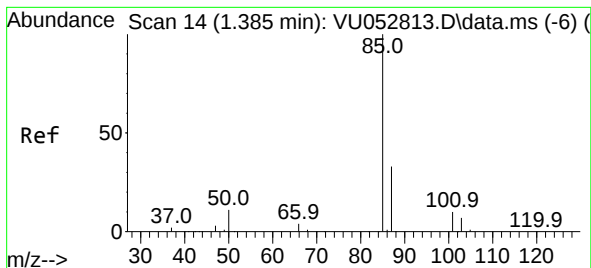
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012623\
 Data File : VU052813.D
 Acq On : 26 Jan 2023 12:13
 Operator : JC/MD
 Sample : VSTD050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jan 27 04:13:48 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM012623WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jan 27 04:12:04 2023
 Response via : Initial Calibration

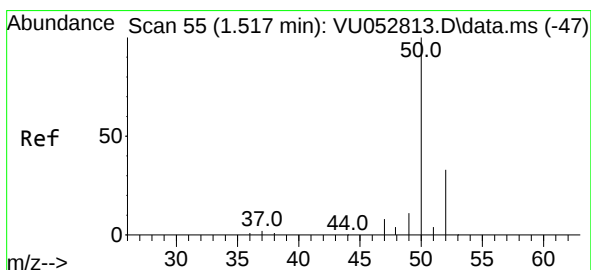
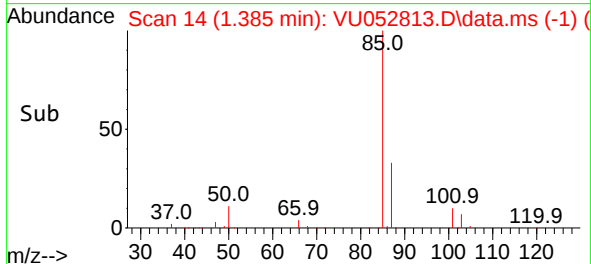
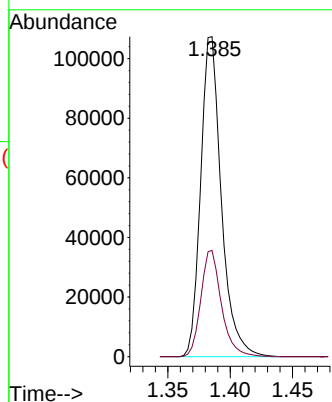
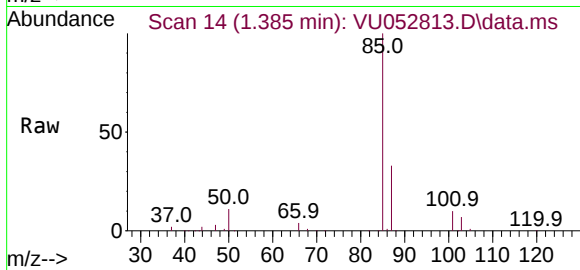




#2
Dichlorodifluoromethane
Concen: 49.075 ug/L
RT: 1.385 min Scan# 14
Delta R.T. 0.000 min
Lab File: VU052813.D
Acq: 26 Jan 2023 12:13

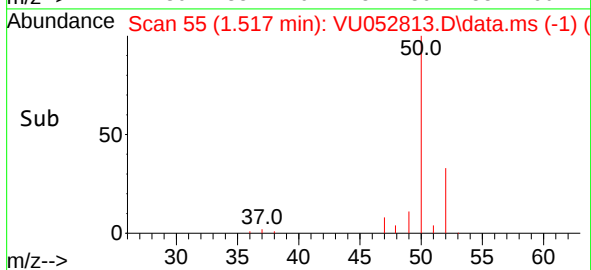
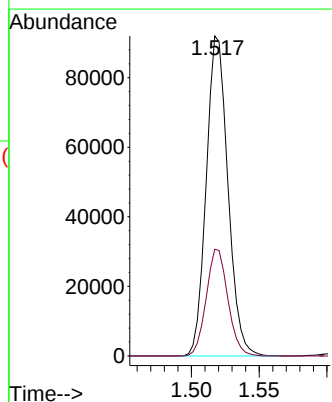
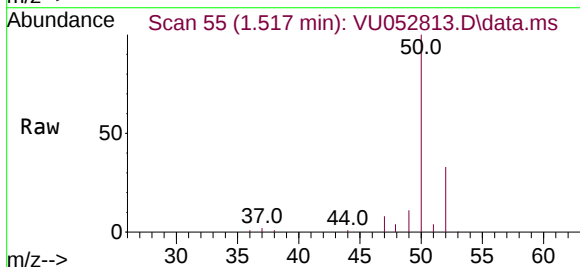
Instrument :
MSVOA_U
ClientSampleId :

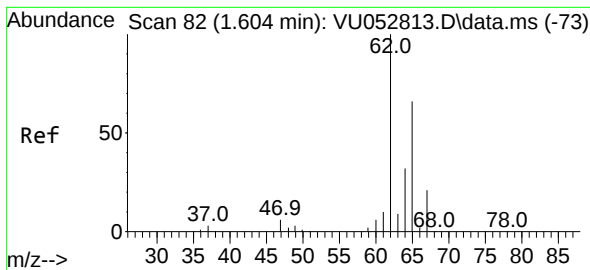
Tgt Ion: 85 Resp: 123790
Ion Ratio Lower Upper
85 100
87 33.0 26.4 39.6



#3
Chloromethane
Concen: 31.935 ug/L
RT: 1.517 min Scan# 55
Delta R.T. 0.000 min
Lab File: VU052813.D
Acq: 26 Jan 2023 12:13

Tgt Ion: 50 Resp: 102195
Ion Ratio Lower Upper
50 100
52 33.4 23.4 43.4





#5

Vinyl chloride

Concen: 37.112 ug/L

RT: 1.604 min Scan# 81

Delta R.T. 0.000 min

Lab File: VU052813.D

Acq: 26 Jan 2023 12:13

Instrument :

MSVOA_U

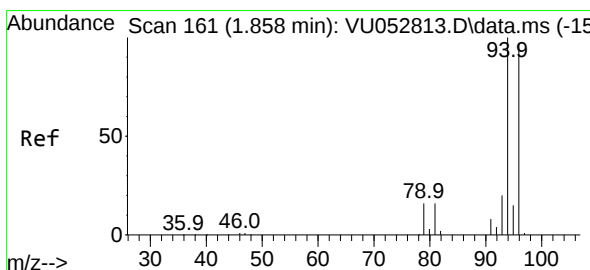
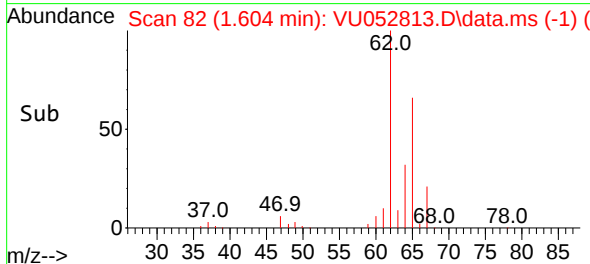
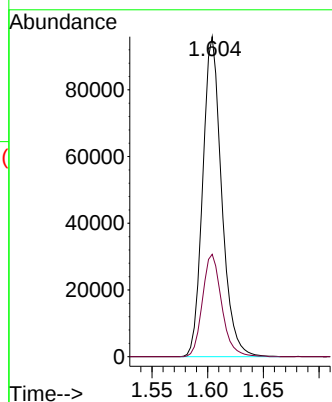
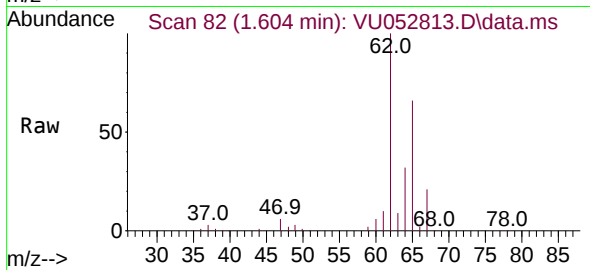
ClientSampleId :

Tgt Ion: 62 Resp: 113332

Ion Ratio Lower Upper

62 100

64 32.0 22.4 41.6



#6

Bromomethane

Concen: 46.998 ug/L

RT: 1.858 min Scan# 161

Delta R.T. 0.000 min

Lab File: VU052813.D

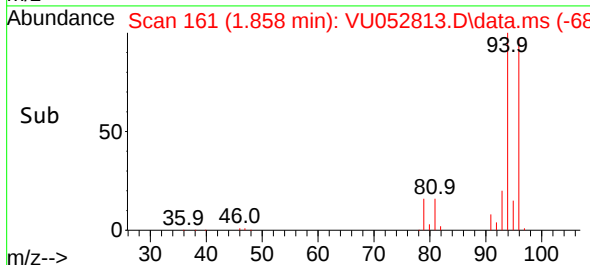
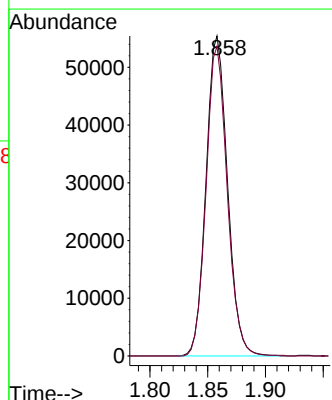
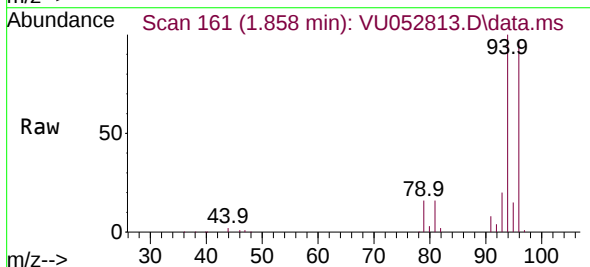
Acq: 26 Jan 2023 12:13

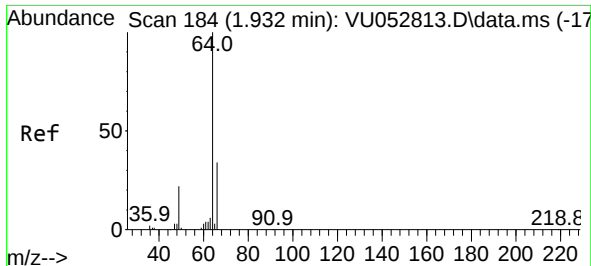
Tgt Ion: 94 Resp: 71718

Ion Ratio Lower Upper

94 100

96 96.8 67.8 125.8

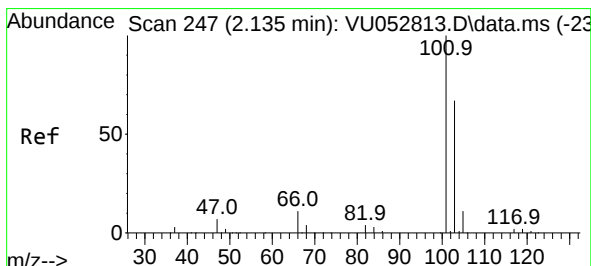
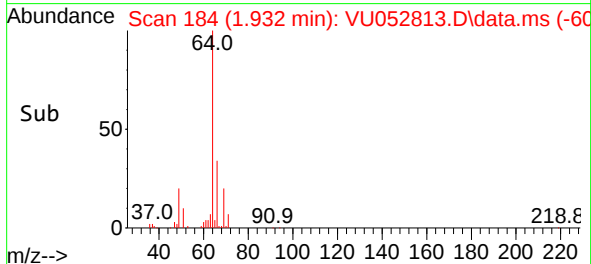
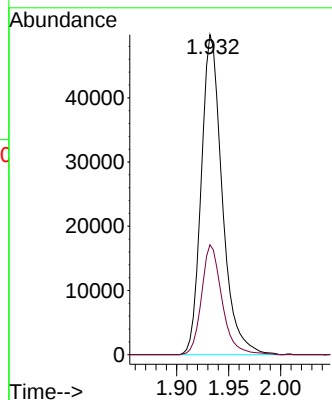
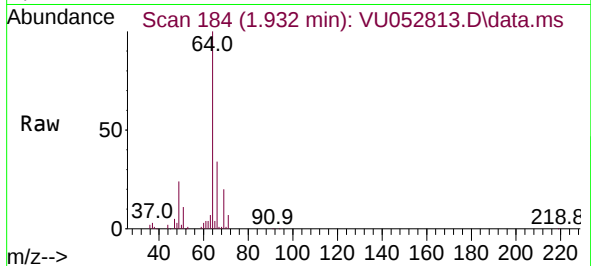




#8
Chloroethane
Concen: 35.744 ug/L
RT: 1.932 min Scan# 184
Delta R.T. 0.000 min
Lab File: VU052813.D
Acq: 26 Jan 2023 12:13

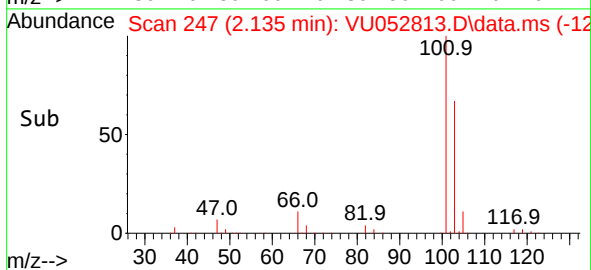
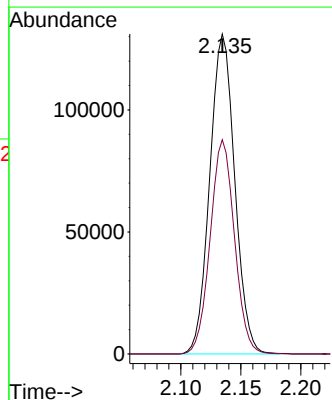
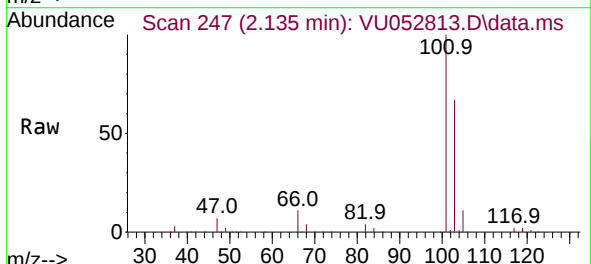
Instrument :
MSVOA_U
ClientSampleId :

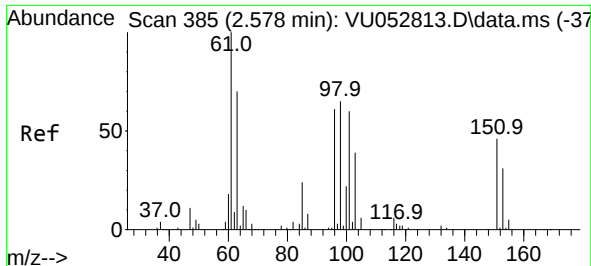
Tgt Ion: 64 Resp: 70079
Ion Ratio Lower Upper
64 100
66 34.4 24.1 44.7



#9
Trichlorofluoromethane
Concen: 51.104 ug/L
RT: 2.135 min Scan# 247
Delta R.T. 0.000 min
Lab File: VU052813.D
Acq: 26 Jan 2023 12:13

Tgt Ion:101 Resp: 190022
Ion Ratio Lower Upper
101 100
103 65.0 52.0 78.0

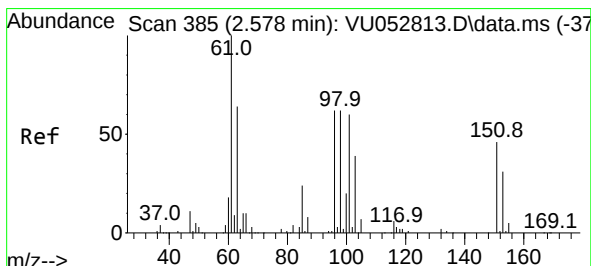
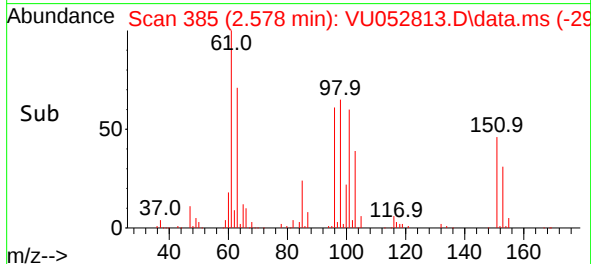
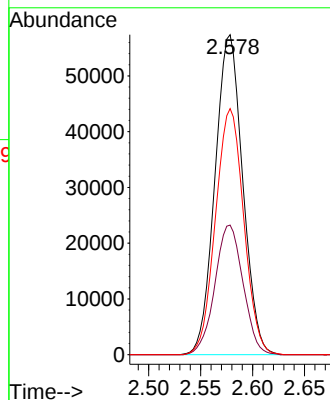
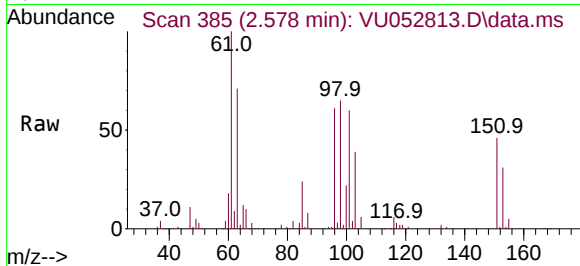




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 48.421 ug/L
 RT: 2.578 min Scan# 385
 Delta R.T. 0.000 min
 Lab File: VU052813.D
 Acq: 26 Jan 2023 12:13

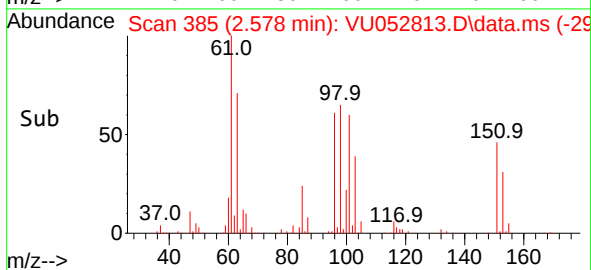
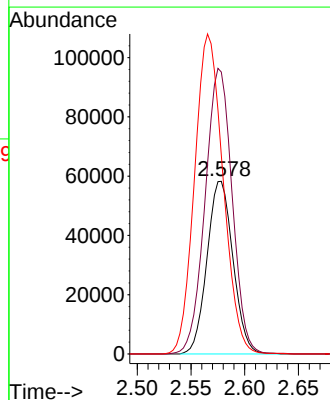
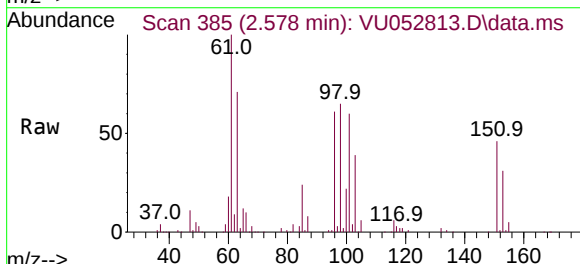
Instrument :
 MSVOA_U
 ClientSampleId :

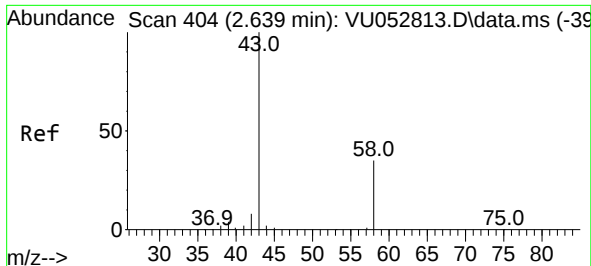
Tgt Ion:101 Resp: 106694
 Ion Ratio Lower Upper
 101 100
 85 41.1 32.9 49.3
 151 78.3 62.6 94.0



#12
 1,1-Dichloroethene
 Concen: 48.066 ug/L
 RT: 2.578 min Scan# 385
 Delta R.T. 0.000 min
 Lab File: VU052813.D
 Acq: 26 Jan 2023 12:13

Tgt Ion: 96 Resp: 97972
 Ion Ratio Lower Upper
 96 100
 61 163.3 114.3 212.3
 63 115.1 80.6 149.6





#13

Acetone

Concen: 71.142 ug/L

RT: 2.639 min Scan# 404

Delta R.T. 0.000 min

Lab File: VU052813.D

Acq: 26 Jan 2023 12:13

Instrument :

MSVOA_U

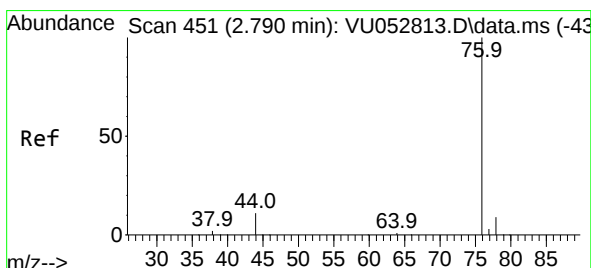
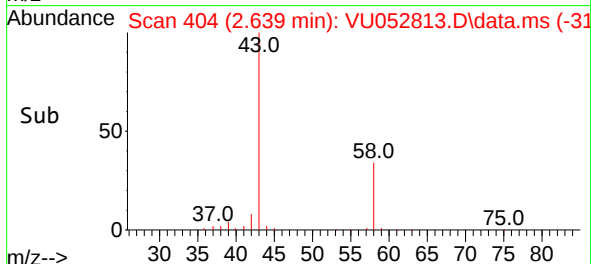
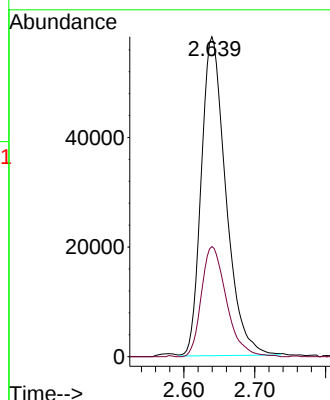
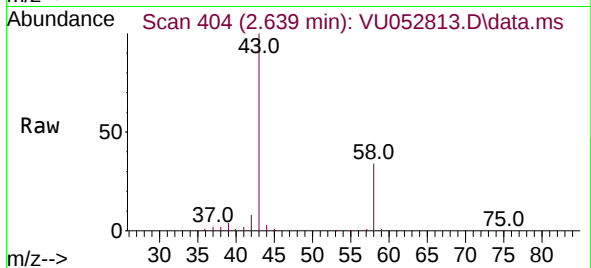
ClientSampleId :

Tgt Ion: 43 Resp: 140417

Ion Ratio Lower Upper

43 100

58 35.1 0.0 70.2



#14

Carbon disulfide

Concen: 47.473 ug/L

RT: 2.790 min Scan# 451

Delta R.T. 0.000 min

Lab File: VU052813.D

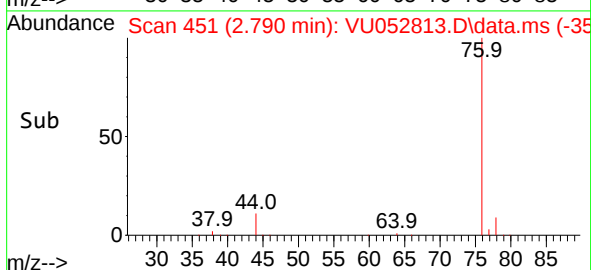
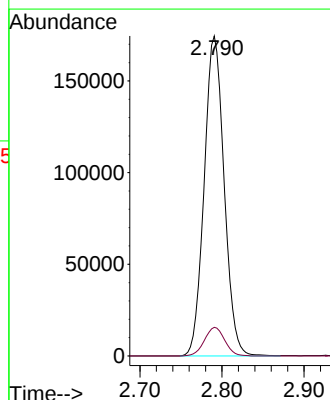
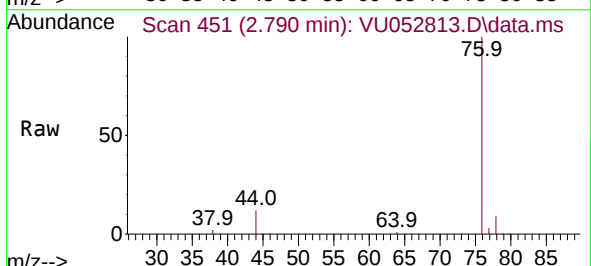
Acq: 26 Jan 2023 12:13

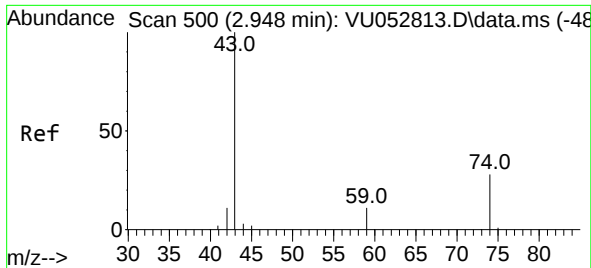
Tgt Ion: 76 Resp: 295572

Ion Ratio Lower Upper

76 100

78 8.9 7.1 10.7

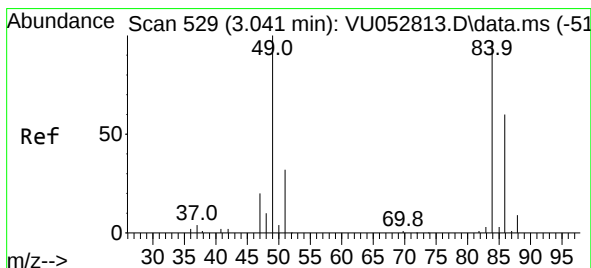
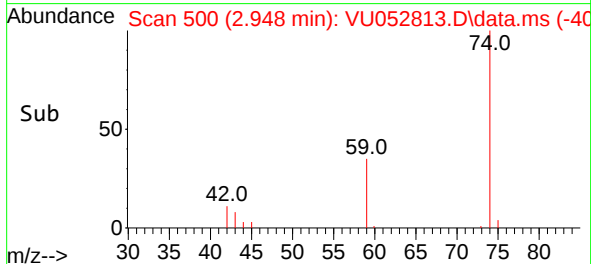
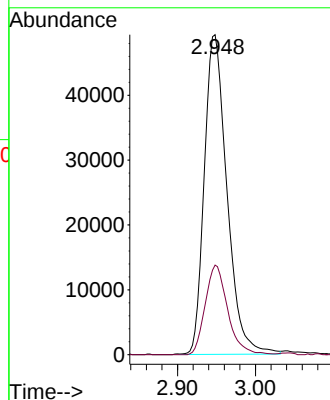
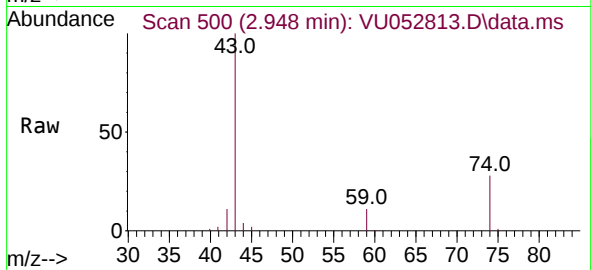




#15
Methyl Acetate
Concen: 33.099 ug/L
RT: 2.948 min Scan# 500
Delta R.T. 0.000 min
Lab File: VU052813.D
Acq: 26 Jan 2023 12:13

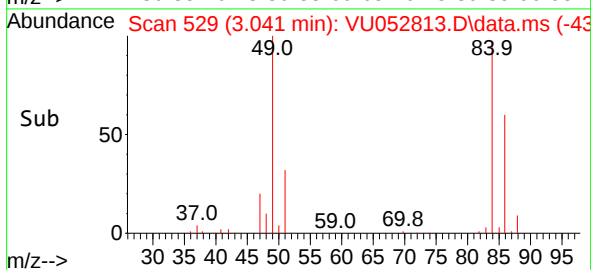
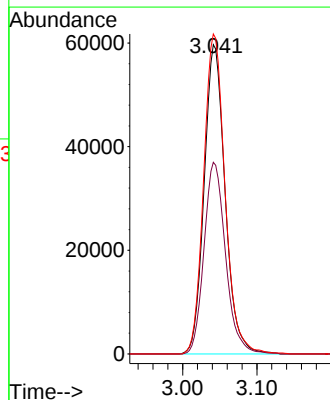
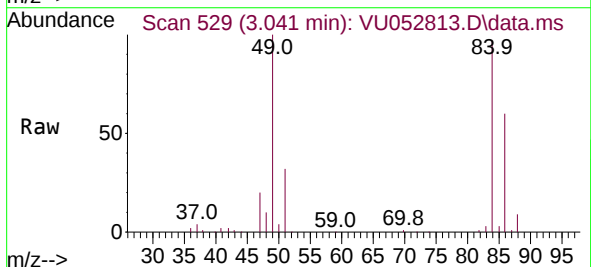
Instrument :
MSVOA_U
ClientSampleId :

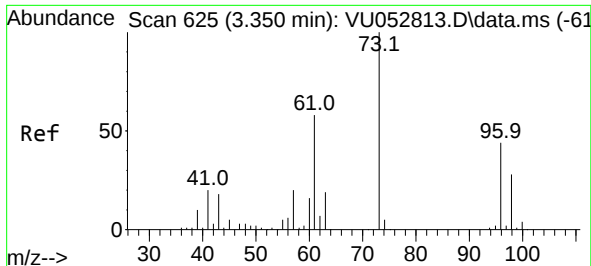
Tgt Ion: 43 Resp: 99698
Ion Ratio Lower Upper
43 100
74 27.5 22.0 33.0



#16
Methylene chloride
Concen: 43.945 ug/L
RT: 3.041 min Scan# 529
Delta R.T. 0.000 min
Lab File: VU052813.D
Acq: 26 Jan 2023 12:13

Tgt Ion: 84 Resp: 116968
Ion Ratio Lower Upper
84 100
86 62.0 43.4 80.6
49 103.5 72.4 134.5





#17

trans-1,2-Dichloroethene

Concen: 50.031 ug/L

RT: 3.350 min Scan# 61

Delta R.T. 0.000 min

Lab File: VU052813.D

Acq: 26 Jan 2023 12:13

Instrument :

MSVOA_U

ClientSampleId :

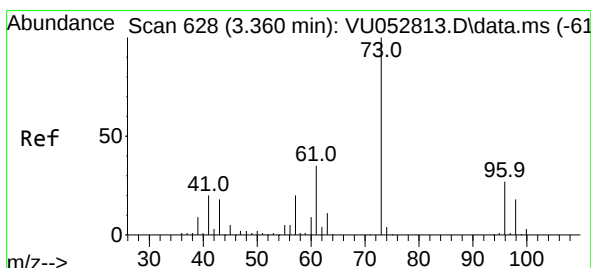
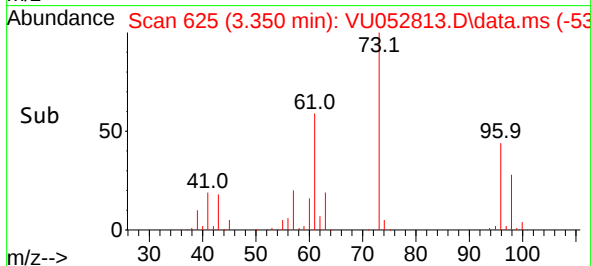
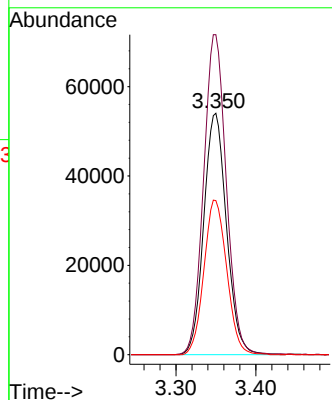
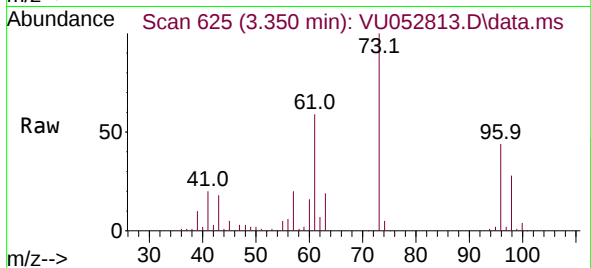
Tgt Ion: 96 Resp: 107092

Ion Ratio Lower Upper

96 100

61 132.5 92.7 172.3

98 63.8 44.7 82.9



#18

Methyl tert-butyl Ether

Concen: 47.574 ug/L

RT: 3.360 min Scan# 628

Delta R.T. 0.000 min

Lab File: VU052813.D

Acq: 26 Jan 2023 12:13

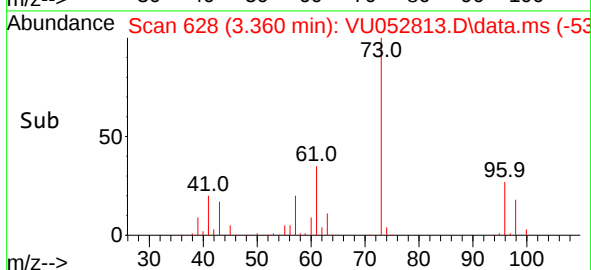
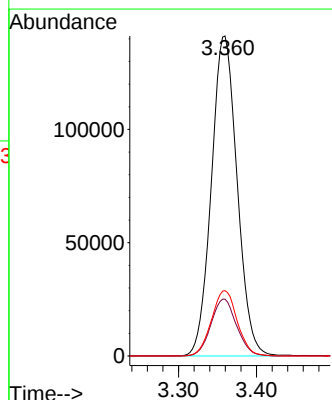
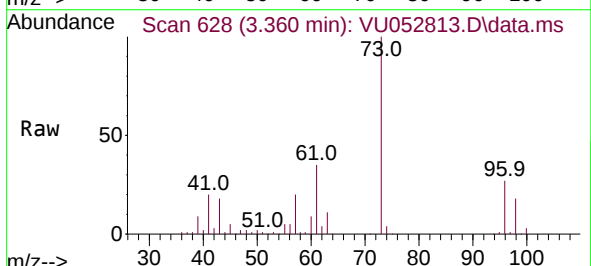
Tgt Ion: 73 Resp: 324184

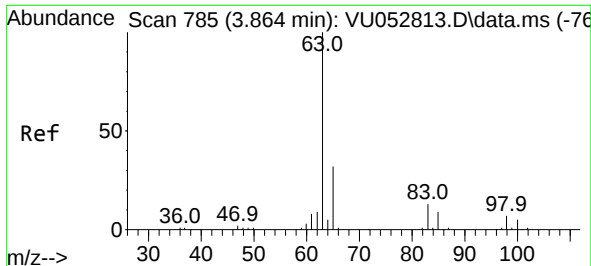
Ion Ratio Lower Upper

73 100

43 17.7 14.2 21.2

57 20.4 16.3 24.5





#19

1,1-Dichloroethane

Concen: 40.389 ug/L

RT: 3.864 min Scan# 785

Delta R.T. 0.000 min

Lab File: VU052813.D

Acq: 26 Jan 2023 12:13

Instrument :

MSVOA_U

ClientSampleId :

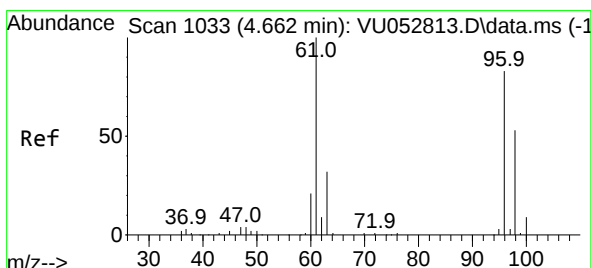
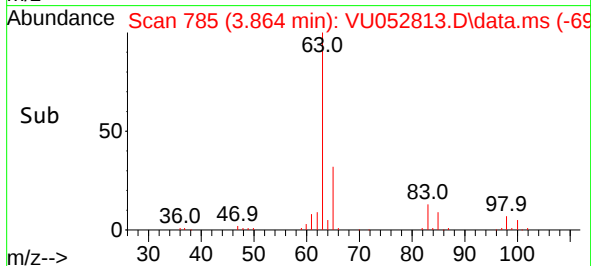
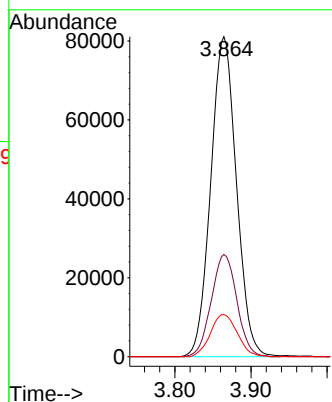
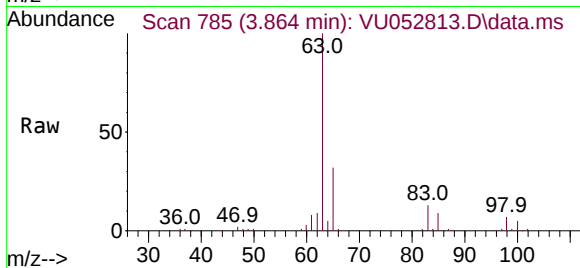
Tgt Ion: 63 Resp: 190236

Ion Ratio Lower Upper

63 100

65 32.0 22.4 41.6

83 13.2 9.2 17.2



#20

cis-1,2-Dichloroethene

Concen: 49.221 ug/L

RT: 4.662 min Scan# 1033

Delta R.T. 0.000 min

Lab File: VU052813.D

Acq: 26 Jan 2023 12:13

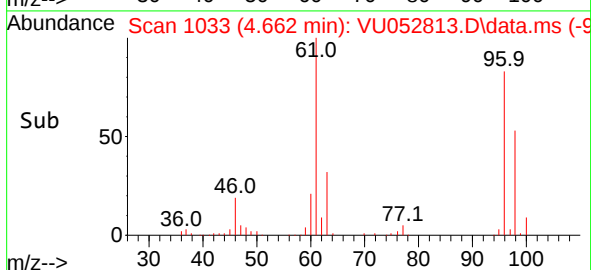
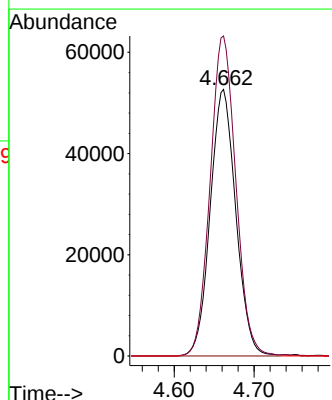
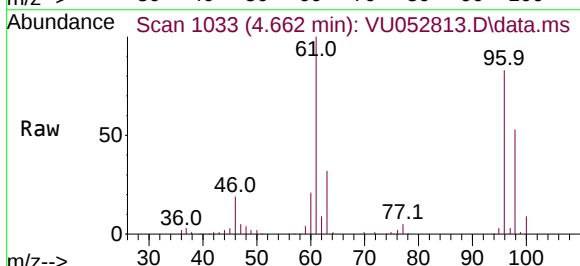
Tgt Ion: 96 Resp: 117036

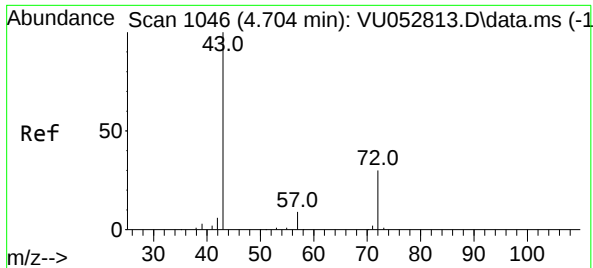
Ion Ratio Lower Upper

96 100

61 120.1 84.1 156.1

68 0.0 0.0 0.0





#22

2-Butanone

Concen: 70.748 ug/L

RT: 4.704 min Scan# 1046

Delta R.T. 0.000 min

Lab File: VU052813.D

Acq: 26 Jan 2023 12:13

Instrument :

MSVOA_U

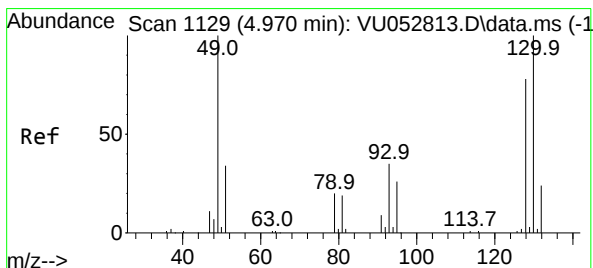
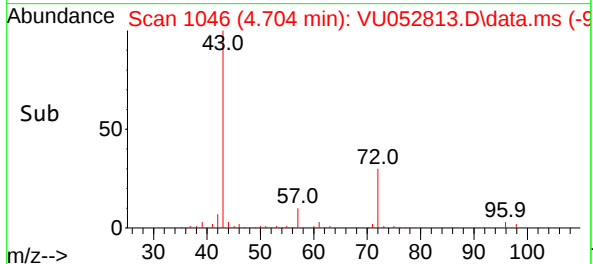
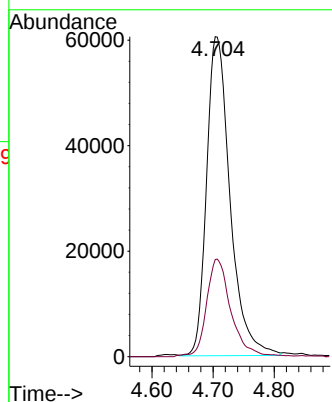
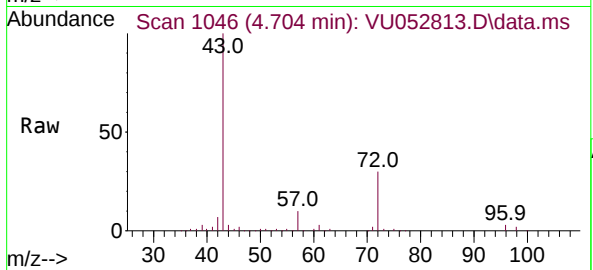
ClientSampleId :

Tgt Ion: 43 Resp: 161537

Ion Ratio Lower Upper

43 100

72 31.0 15.5 46.5



#23

Bromochloromethane

Concen: 52.242 ug/L

RT: 4.970 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VU052813.D

Acq: 26 Jan 2023 12:13

Tgt Ion:128 Resp: 64361

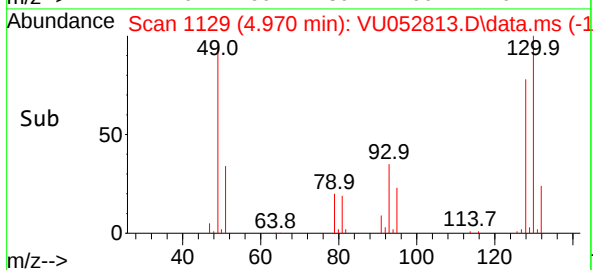
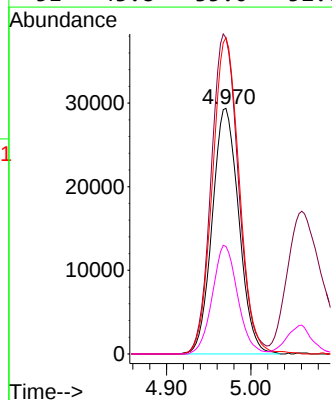
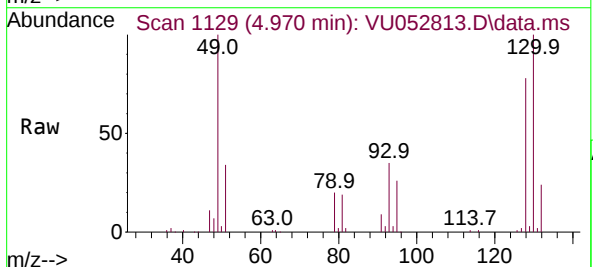
Ion Ratio Lower Upper

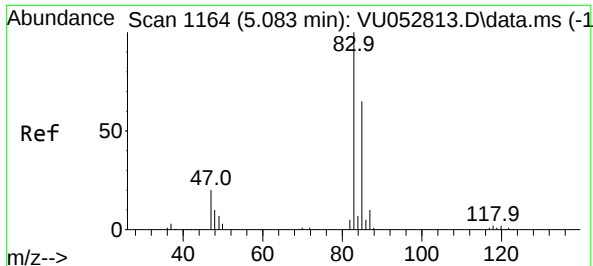
128 100

49 128.7 90.1 167.3

130 128.7 90.1 167.3

51 43.8 35.0 52.6





#25

Chloroform

Concen: 46.160 ug/L

RT: 5.083 min Scan# 1164

Delta R.T. 0.000 min

Lab File: VU052813.D

Acq: 26 Jan 2023 12:13

Instrument :

MSVOA_U

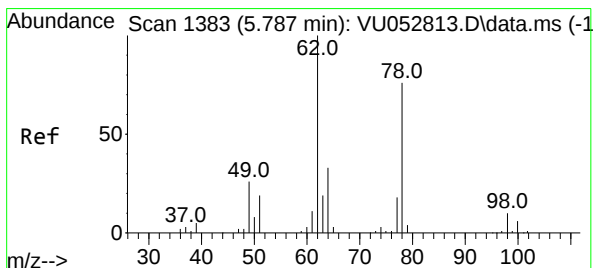
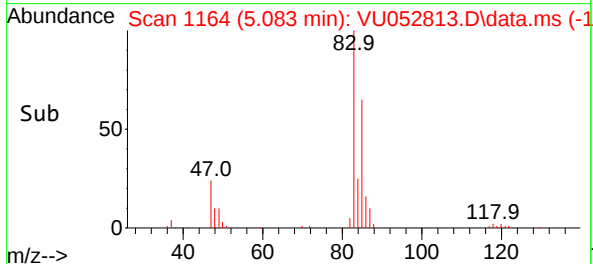
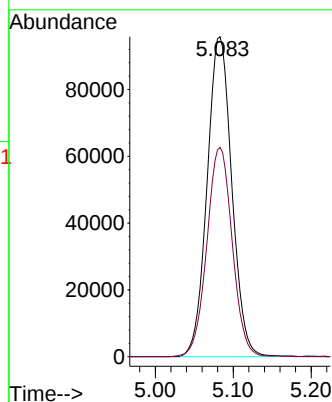
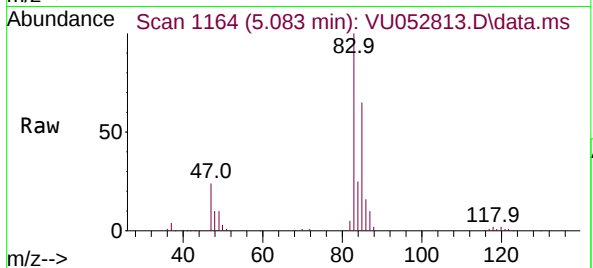
ClientSampleId :

Tgt Ion: 83 Resp: 210884

Ion Ratio Lower Upper

83 100

85 65.4 45.8 85.0



#27

1,2-Dichloroethane

Concen: 45.183 ug/L

RT: 5.787 min Scan# 1383

Delta R.T. 0.000 min

Lab File: VU052813.D

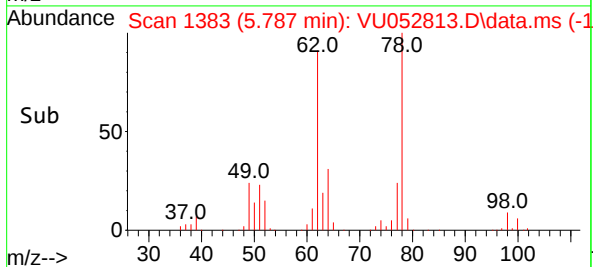
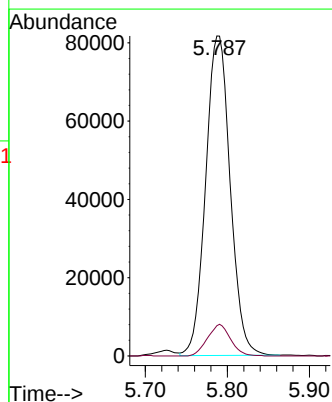
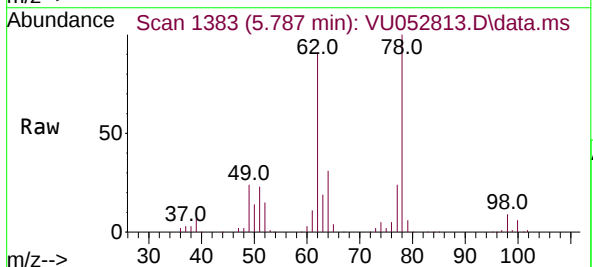
Acq: 26 Jan 2023 12:13

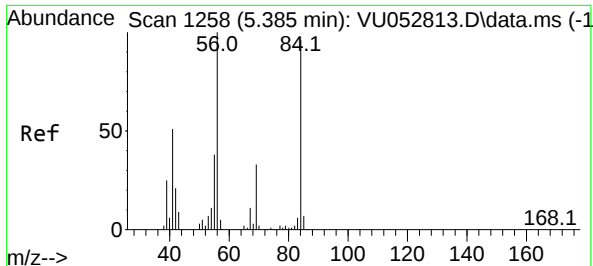
Tgt Ion: 62 Resp: 169782

Ion Ratio Lower Upper

62 100

98 9.5 7.6 11.4





#29

Cyclohexane

Concen: 44.373 ug/L

RT: 5.385 min Scan# 1258

Delta R.T. 0.000 min

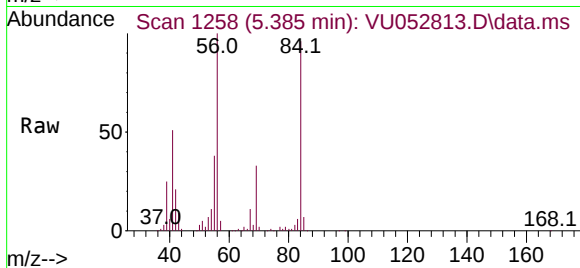
Lab File: VU052813.D

Acq: 26 Jan 2023 12:13

Instrument :

MSVOA_U

ClientSampleId :



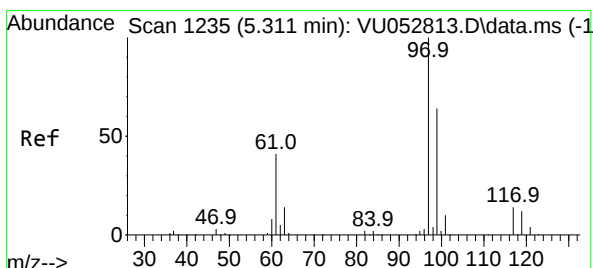
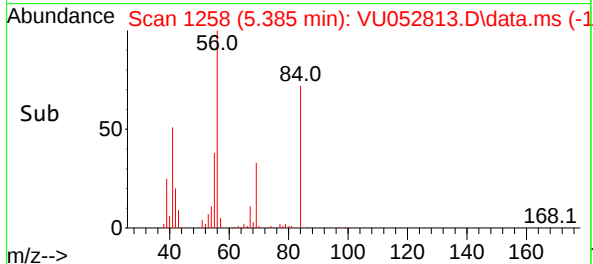
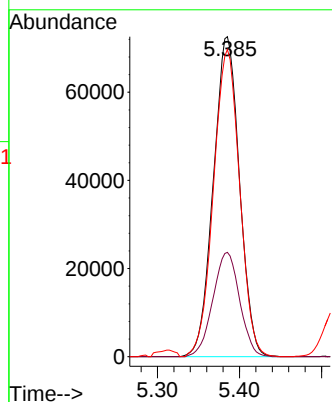
Tgt Ion: 56 Resp: 160615

Ion Ratio Lower Upper

56 100

69 33.3 26.6 40.0

84 96.2 77.0 115.4



#30

1,1,1-Trichloroethane

Concen: 52.542 ug/L

RT: 5.311 min Scan# 1235

Delta R.T. 0.000 min

Lab File: VU052813.D

Acq: 26 Jan 2023 12:13

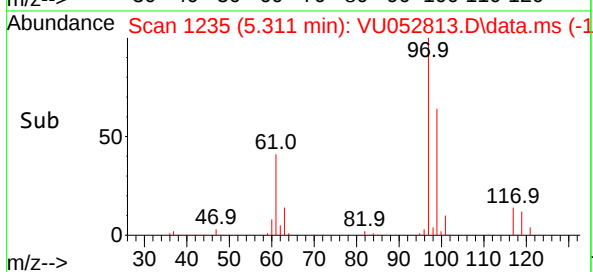
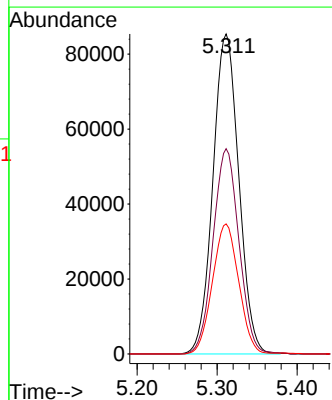
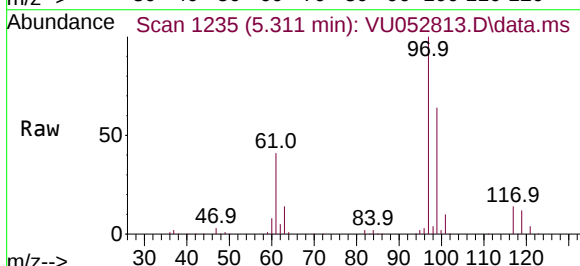
Tgt Ion: 97 Resp: 192127

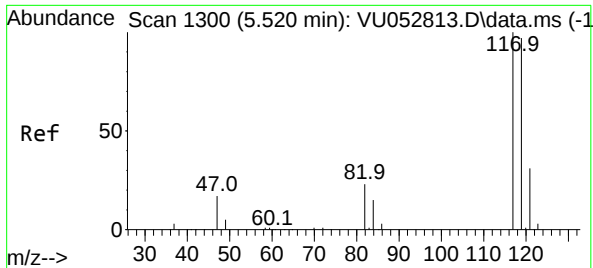
Ion Ratio Lower Upper

97 100

99 64.2 51.4 77.0

61 41.3 33.0 49.6

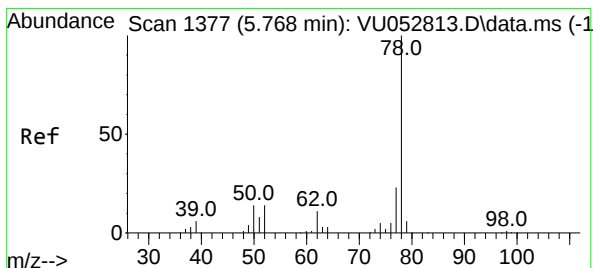
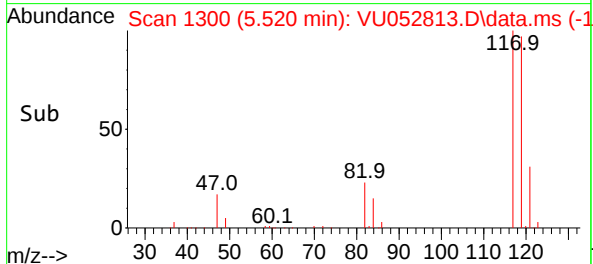
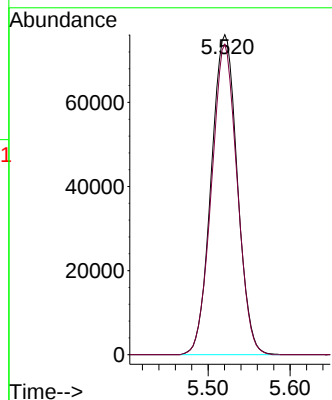
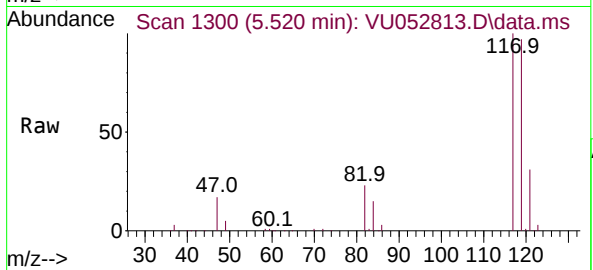




#31
Carbon tetrachloride
Concen: 54.871 ug/L
RT: 5.520 min Scan# 111
Delta R.T. 0.000 min
Lab File: VU052813.D
Acq: 26 Jan 2023 12:13

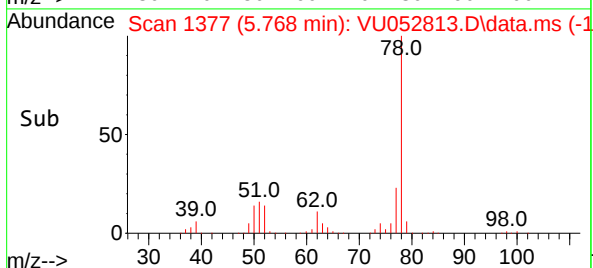
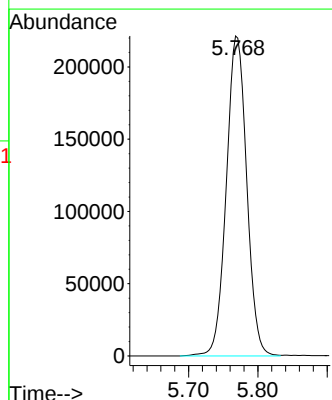
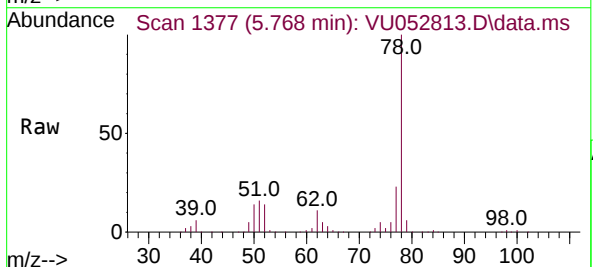
Instrument :
MSVOA_U
ClientSampleId :

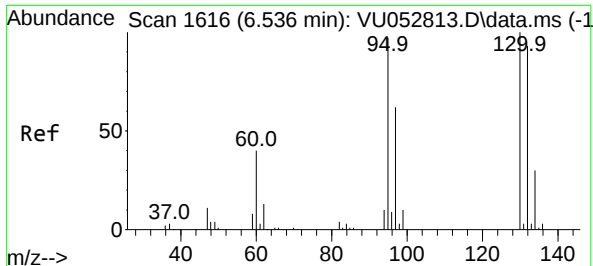
Tgt Ion:117 Resp: 168395
Ion Ratio Lower Upper
117 100
119 95.3 76.2 114.4



#33
Benzene
Concen: 46.917 ug/L
RT: 5.768 min Scan# 1377
Delta R.T. 0.000 min
Lab File: VU052813.D
Acq: 26 Jan 2023 12:13

Tgt Ion: 78 Resp: 453078





#34

Trichloroethene

Concen: 49.726 ug/L

RT: 6.536 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU052813.D

Acq: 26 Jan 2023 12:13

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 95 Resp: 111815

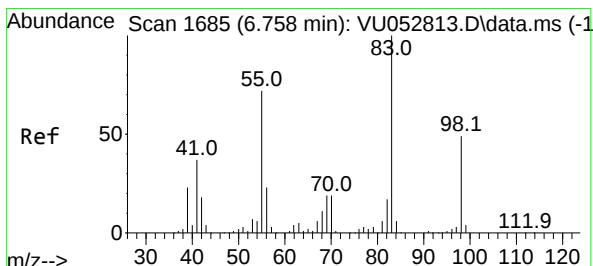
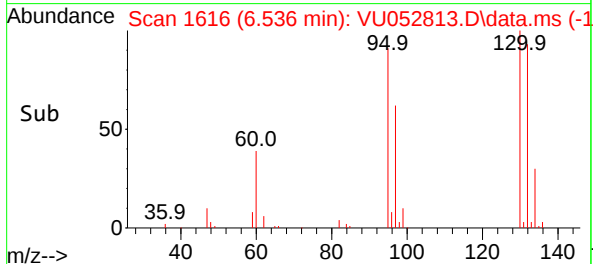
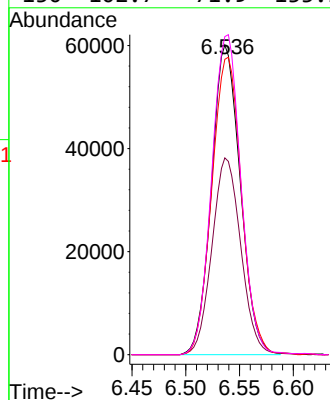
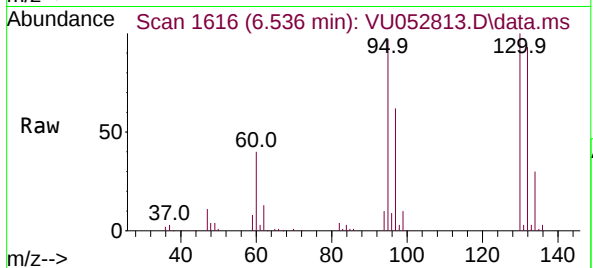
Ion Ratio Lower Upper

95 100

97 63.6 44.5 82.7

132 95.4 66.8 124.0

130 102.7 71.9 133.5



#35

Methylcyclohexane

Concen: 52.117 ug/L

RT: 6.758 min Scan# 1685

Delta R.T. 0.000 min

Lab File: VU052813.D

Acq: 26 Jan 2023 12:13

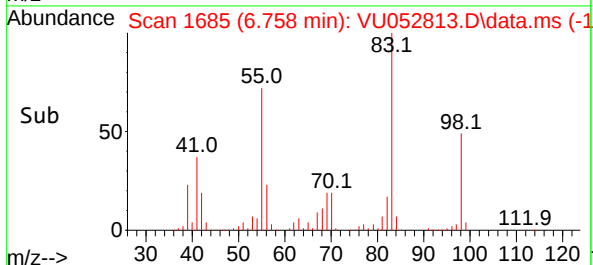
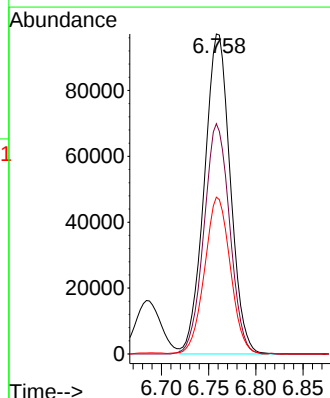
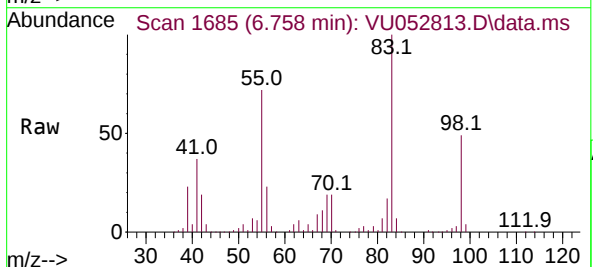
Tgt Ion: 83 Resp: 185571

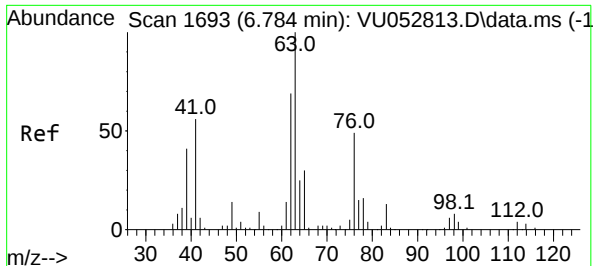
Ion Ratio Lower Upper

83 100

55 71.4 57.1 85.7

98 48.6 38.9 58.3





#37

1,2-Dichloropropane

Concen: 40.098 ug/L

RT: 6.784 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU052813.D

Acq: 26 Jan 2023 12:13

Instrument :

MSVOA_U

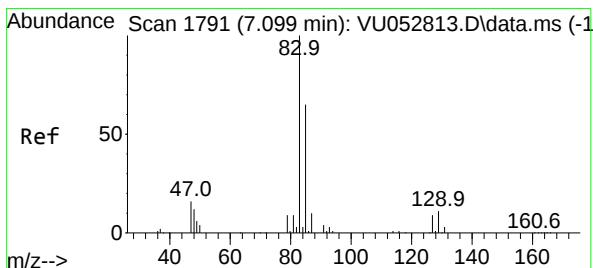
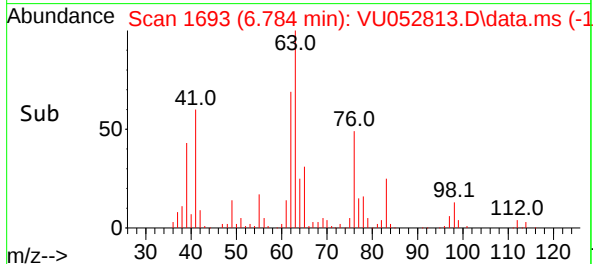
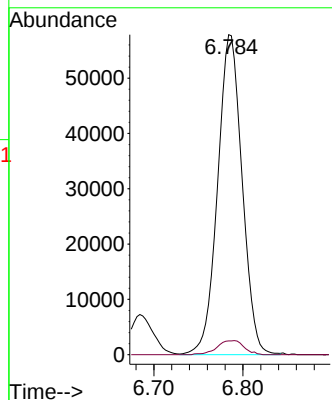
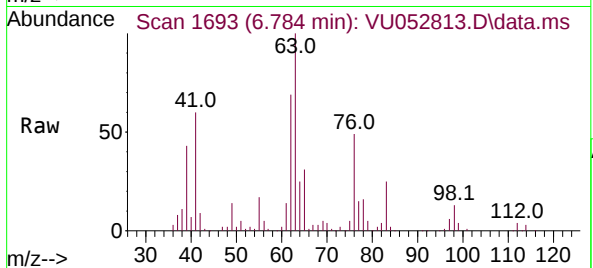
ClientSampleId :

Tgt Ion: 63 Resp: 110782

Ion Ratio Lower Upper

63 100

112 4.8 3.8 5.8



#38

Bromodichloromethane

Concen: 46.348 ug/L

RT: 7.099 min Scan# 1791

Delta R.T. 0.000 min

Lab File: VU052813.D

Acq: 26 Jan 2023 12:13

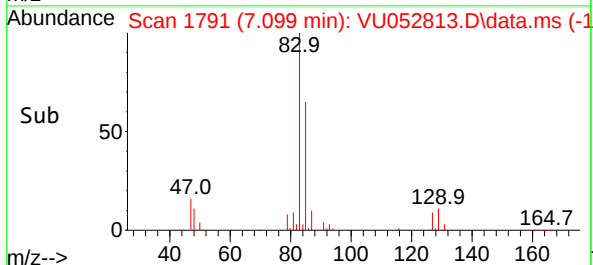
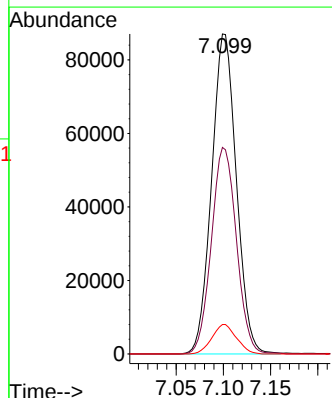
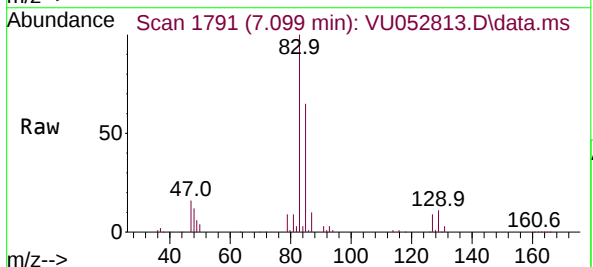
Tgt Ion: 83 Resp: 158583

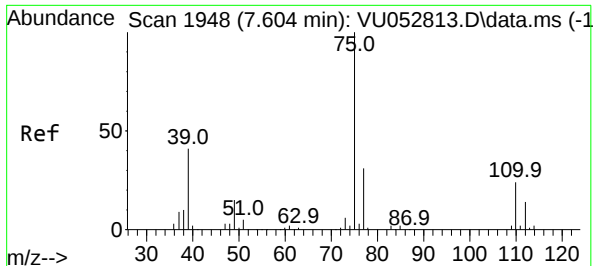
Ion Ratio Lower Upper

83 100

85 64.6 45.2 84.0

127 9.2 7.4 11.0





#39

cis-1,3-Dichloropropene

Concen: 46.960 ug/L

RT: 7.604 min Scan# 1948

Delta R.T. 0.000 min

Lab File: VU052813.D

Acq: 26 Jan 2023 12:13

Instrument :

MSVOA_U

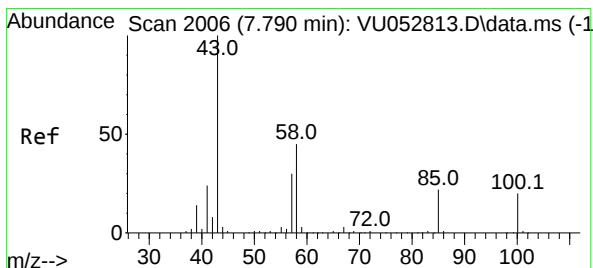
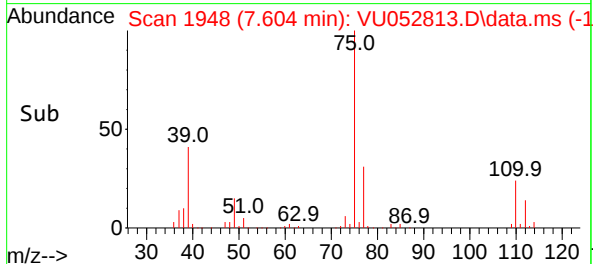
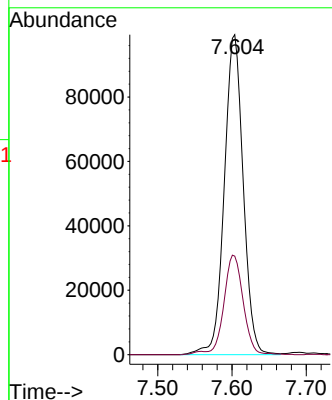
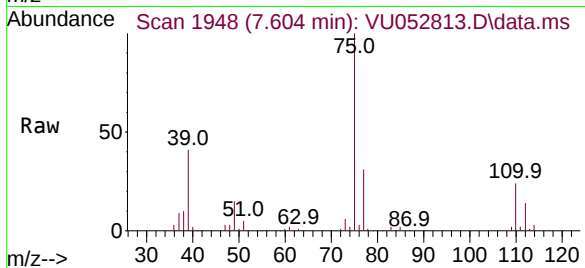
ClientSampleId :

Tgt Ion: 75 Resp: 176285

Ion Ratio Lower Upper

75 100

77 30.8 21.6 40.0



#40

4-Methyl-2-pentanone

Concen: 75.337 ug/L

RT: 7.790 min Scan# 2006

Delta R.T. 0.000 min

Lab File: VU052813.D

Acq: 26 Jan 2023 12:13

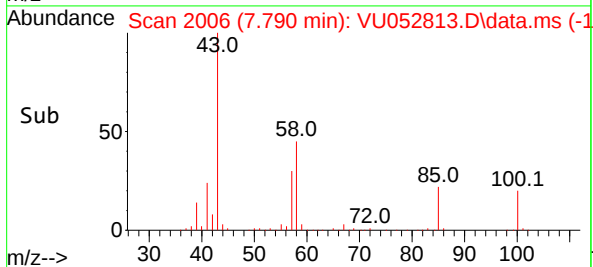
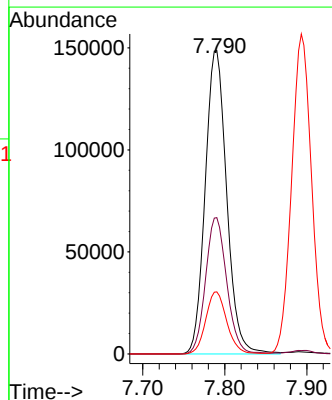
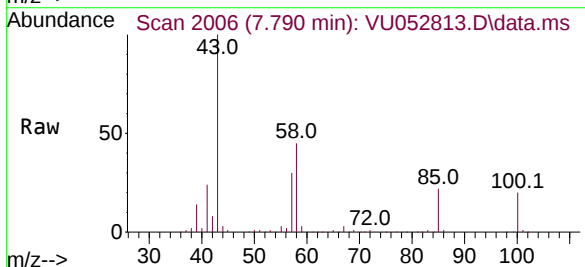
Tgt Ion: 43 Resp: 271388

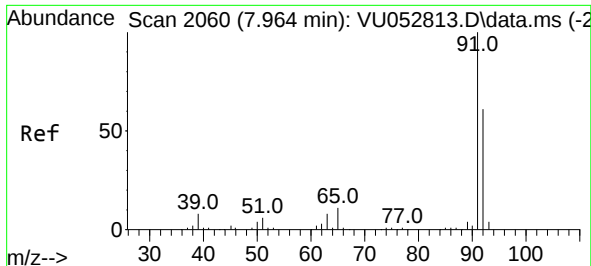
Ion Ratio Lower Upper

43 100

58 44.3 35.4 53.2

100 20.0 16.0 24.0





#42

Toluene

Concen: 50.565 ug/L

RT: 7.964 min Scan# 2060

Delta R.T. 0.000 min

Lab File: VU052813.D

Acq: 26 Jan 2023 12:13

Instrument :

MSVOA_U

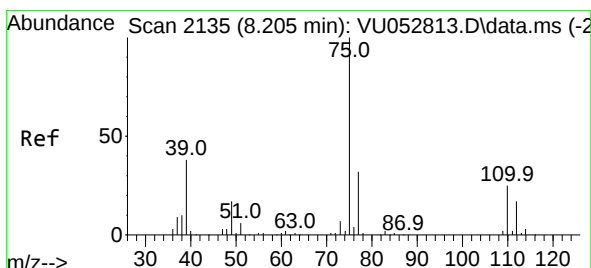
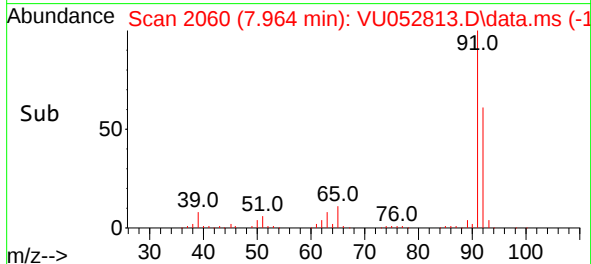
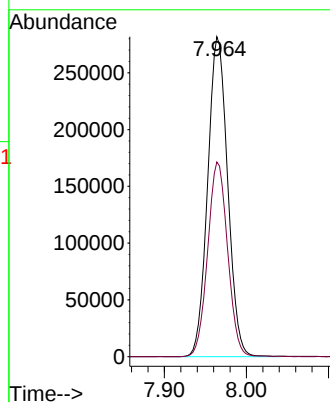
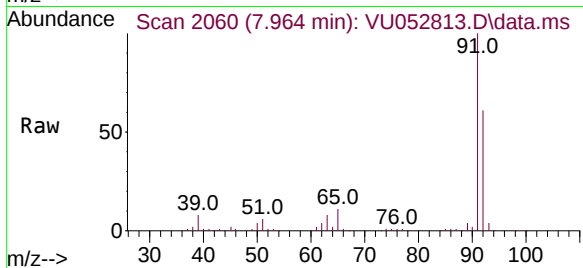
ClientSampleId :

Tgt Ion: 91 Resp: 476431

Ion Ratio Lower Upper

91 100

92 60.8 42.6 79.0



#44

trans-1,3-Dichloropropene

Concen: 47.971 ug/L

RT: 8.205 min Scan# 2135

Delta R.T. 0.000 min

Lab File: VU052813.D

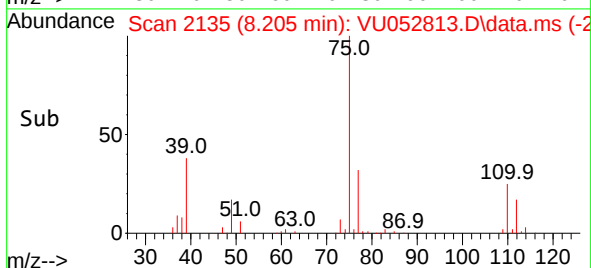
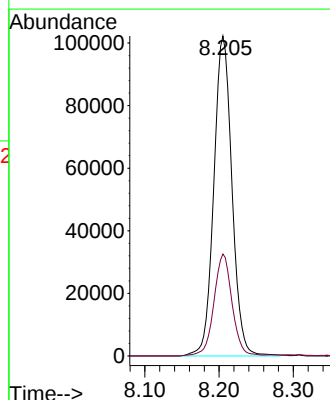
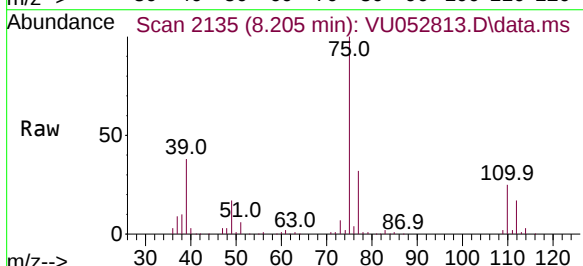
Acq: 26 Jan 2023 12:13

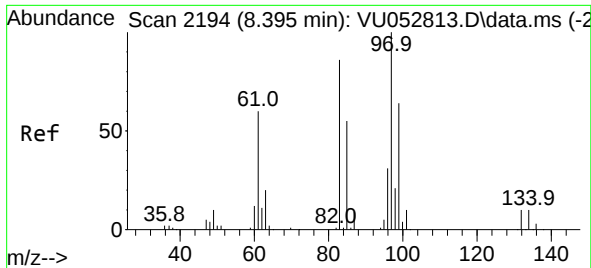
Tgt Ion: 75 Resp: 173686

Ion Ratio Lower Upper

75 100

77 31.8 22.3 41.3



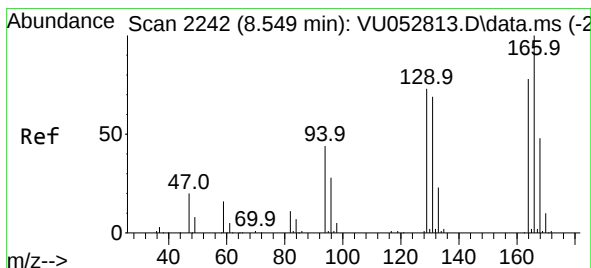
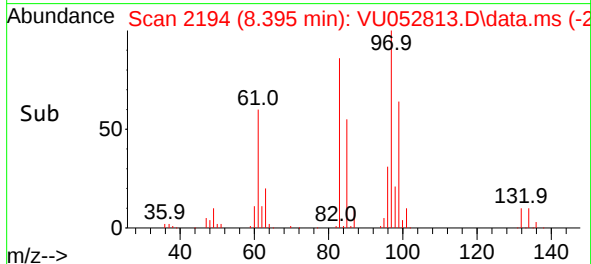
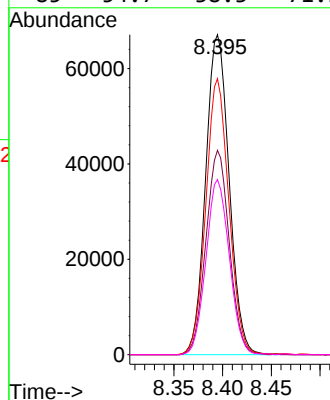
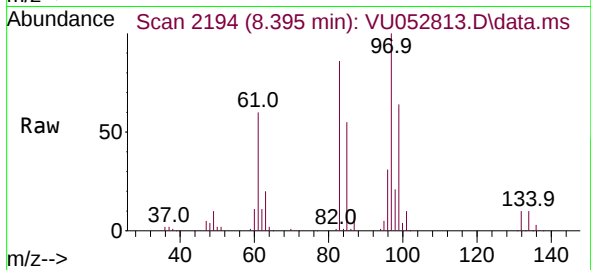


#45
1,1,2-Trichloroethane
Concen: 47.766 ug/L
RT: 8.395 min Scan# 2194
Delta R.T. 0.000 min
Lab File: VU052813.D
Acq: 26 Jan 2023 12:13

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 97 Resp: 112616

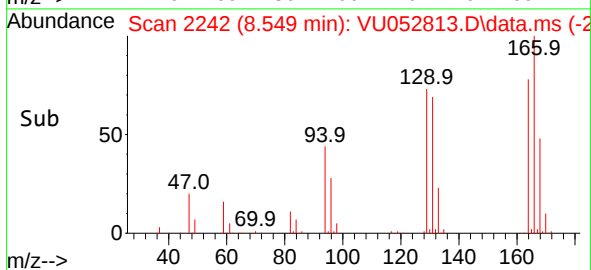
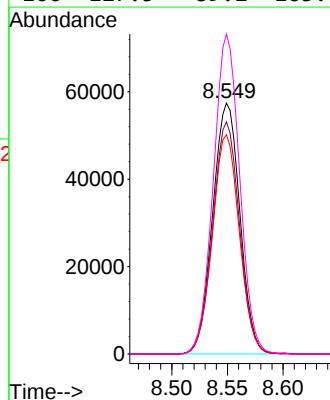
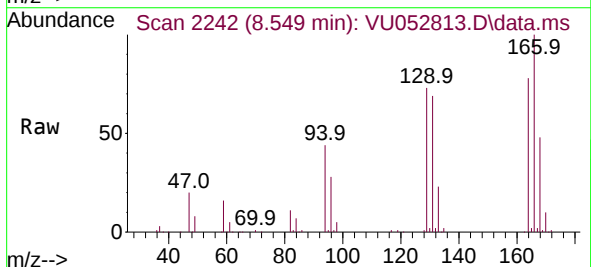
Ion	Ratio	Lower	Upper
97	100		
99	63.9	44.7	83.1
83	86.2	60.3	112.1
85	54.7	38.3	71.1

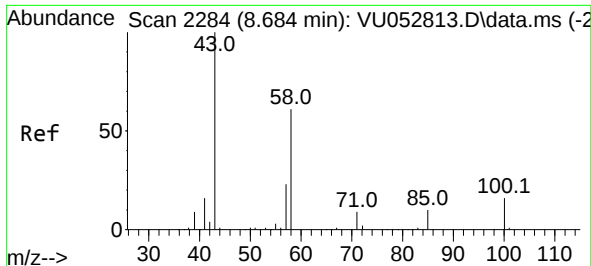


#46
Tetrachloroethene
Concen: 60.167 ug/L
RT: 8.549 min Scan# 2242
Delta R.T. 0.000 min
Lab File: VU052813.D
Acq: 26 Jan 2023 12:13

Tgt Ion: 164 Resp: 97744

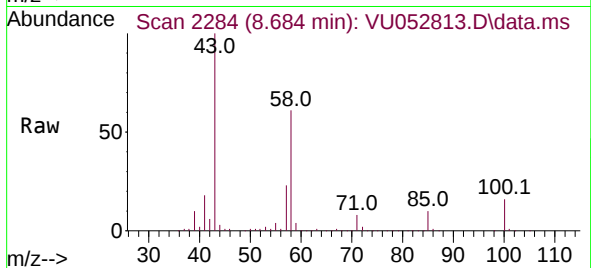
Ion	Ratio	Lower	Upper
164	100		
129	92.5	64.8	120.3
131	87.4	61.2	113.6
166	127.5	89.2	165.8



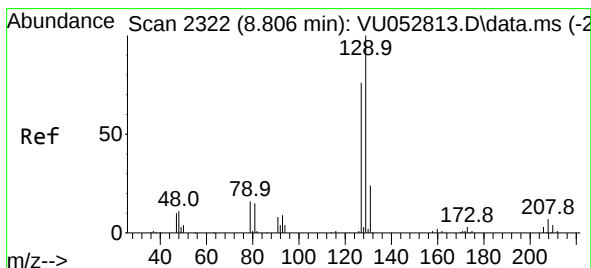
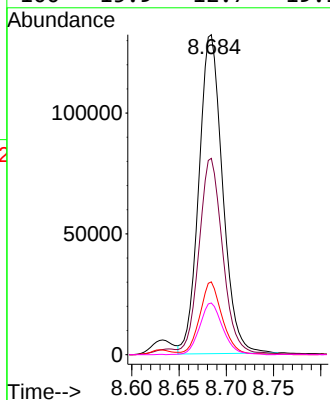
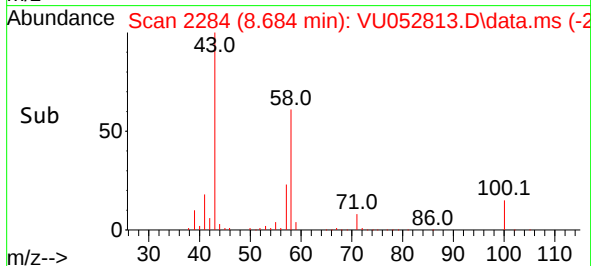


#48
2-Hexanone
Concen: 77.514 ug/L
RT: 8.684 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU052813.D
Acq: 26 Jan 2023 12:13

Instrument :
MSVOA_U
ClientSampleId :

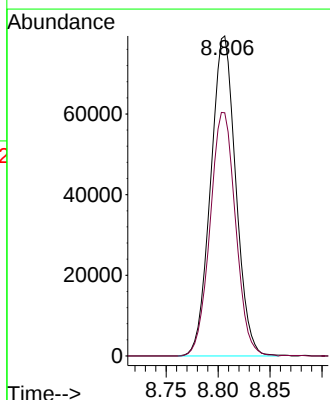
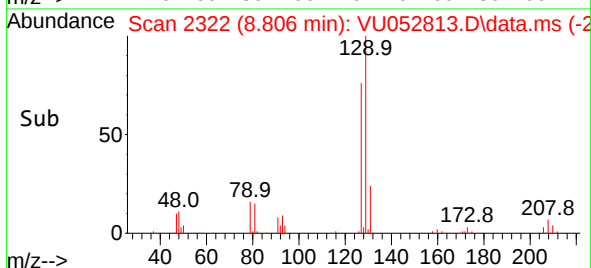
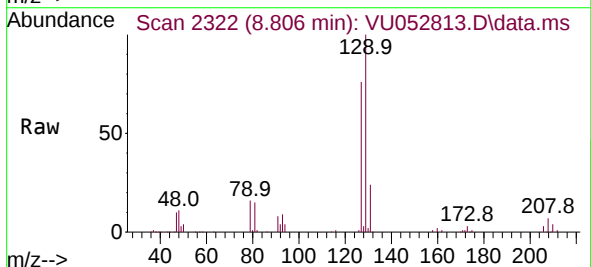


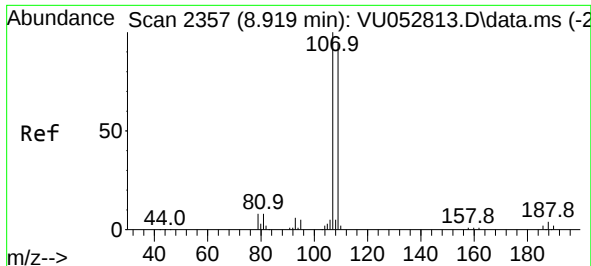
Tgt Ion: 43	Resp: 230359
Ion Ratio	Lower Upper
43 100	
58 60.0	48.0 72.0
57 21.0	16.8 25.2
100 15.9	12.7 19.1



#49
Dibromochloromethane
Concen: 52.826 ug/L
RT: 8.806 min Scan# 2322
Delta R.T. 0.000 min
Lab File: VU052813.D
Acq: 26 Jan 2023 12:13

Tgt Ion:129	Resp: 133280		
Ion Ratio	Lower	Upper	
129 100			
127 76.0	53.2	98.8	





#50

1,2-Dibromoethane

Concen: 50.517 ug/L

RT: 8.919 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU052813.D

Acq: 26 Jan 2023 12:13

Instrument :

MSVOA_U

ClientSampleId :

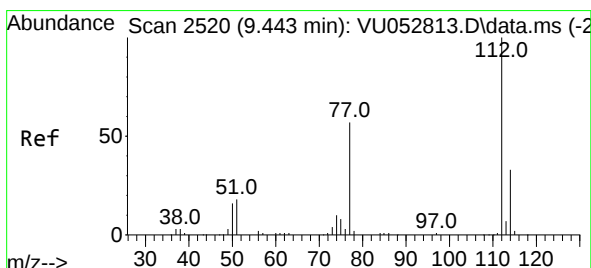
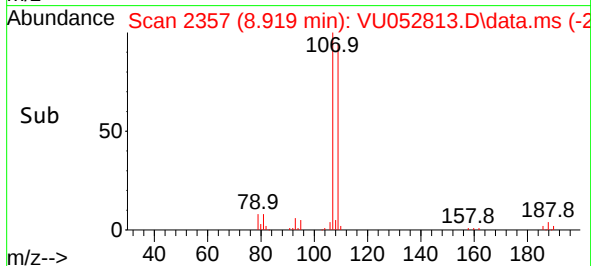
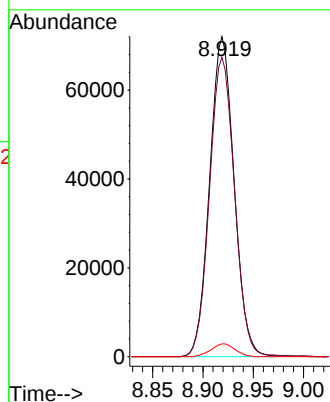
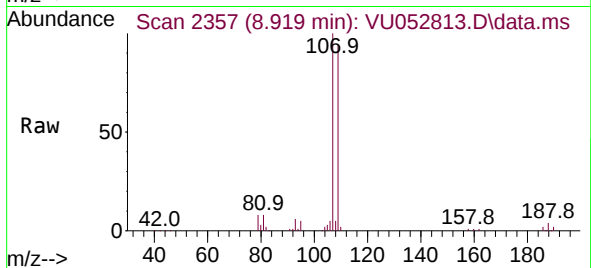
Tgt Ion:107 Resp: 121731

Ion Ratio Lower Upper

107 100

109 93.5 65.5 121.6

188 4.0 3.2 4.8



#51

Chlorobenzene

Concen: 51.381 ug/L

RT: 9.443 min Scan# 2520

Delta R.T. 0.000 min

Lab File: VU052813.D

Acq: 26 Jan 2023 12:13

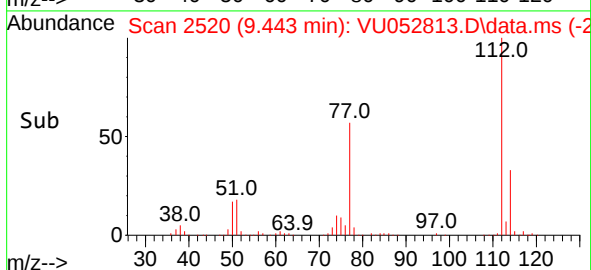
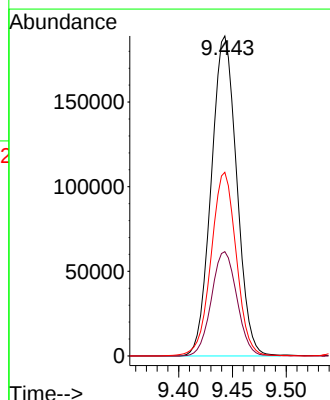
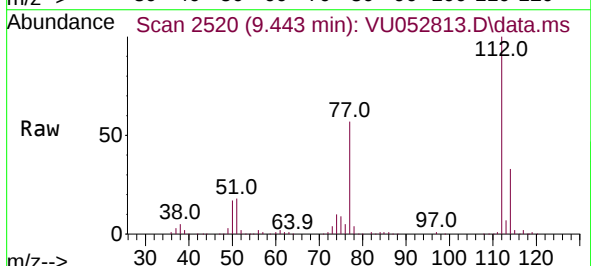
Tgt Ion:112 Resp: 311330

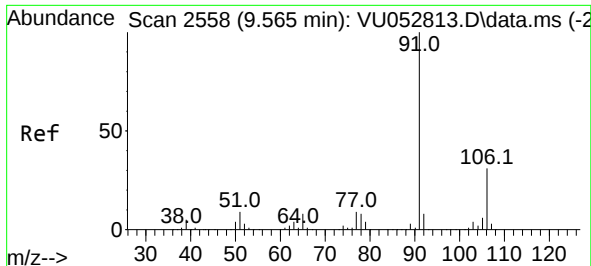
Ion Ratio Lower Upper

112 100

114 32.6 22.8 42.4

77 57.4 45.9 68.9

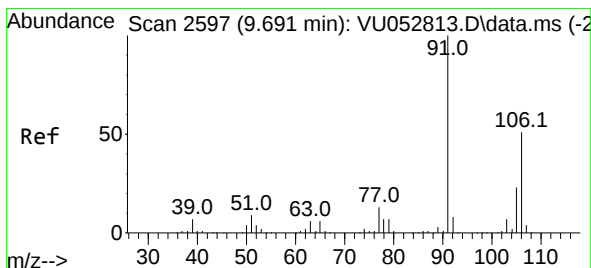
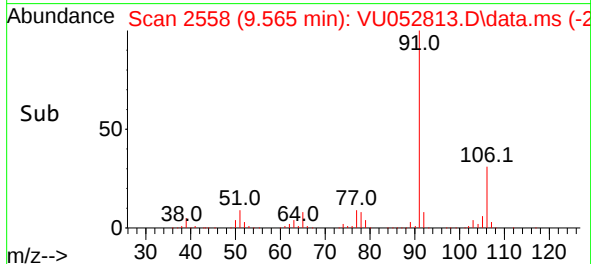
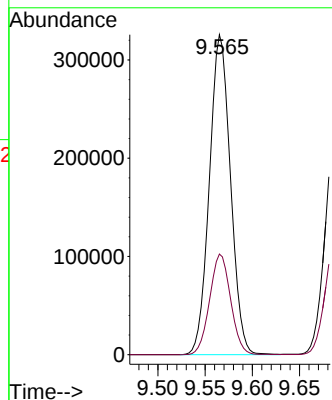
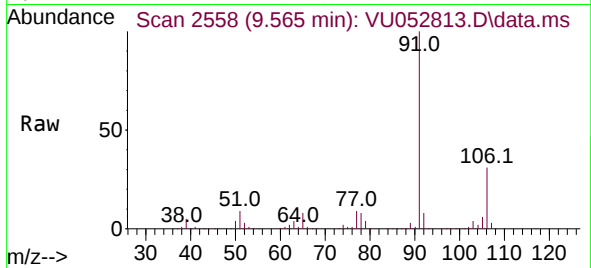




#52
Ethylbenzene
Concen: 51.461 ug/L
RT: 9.565 min Scan# 2558
Delta R.T. 0.000 min
Lab File: VU052813.D
Acq: 26 Jan 2023 12:13

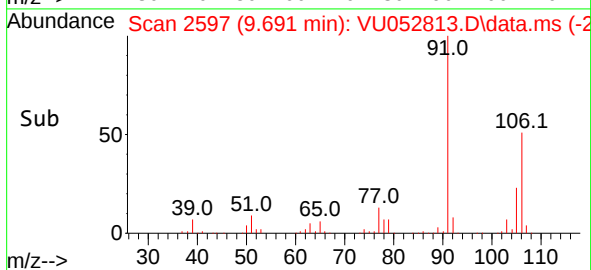
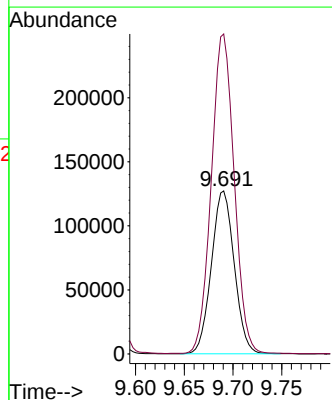
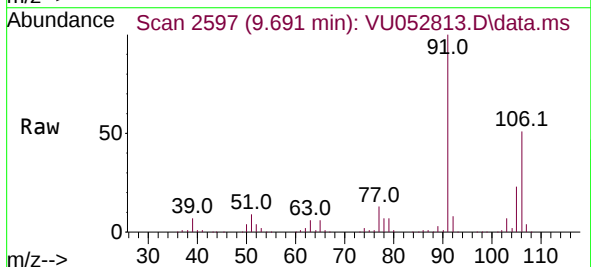
Instrument :
MSVOA_U
ClientSampleId :

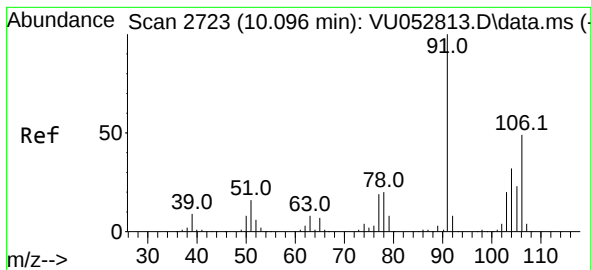
Tgt Ion: 91 Resp: 505719
Ion Ratio Lower Upper
91 100
106 31.4 22.0 40.8



#53
m,p-Xylene
Concen: 55.694 ug/L
RT: 9.691 min Scan# 2597
Delta R.T. 0.000 min
Lab File: VU052813.D
Acq: 26 Jan 2023 12:13

Tgt Ion: 106 Resp: 207455
Ion Ratio Lower Upper
106 100
91 196.3 137.4 255.2





#54

o-xylene

Concen: 56.150 ug/L

RT: 10.096 min Scan# 2723

Delta R.T. 0.000 min

Lab File: VU052813.D

Acq: 26 Jan 2023 12:13

Instrument :

MSVOA_U

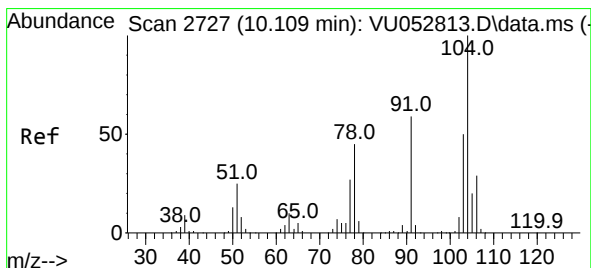
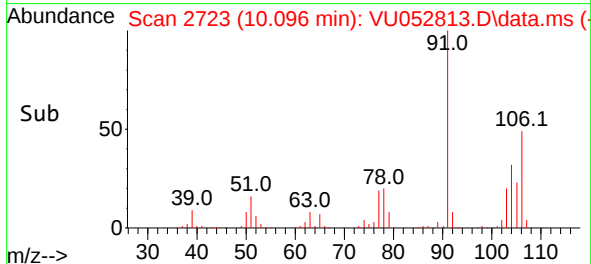
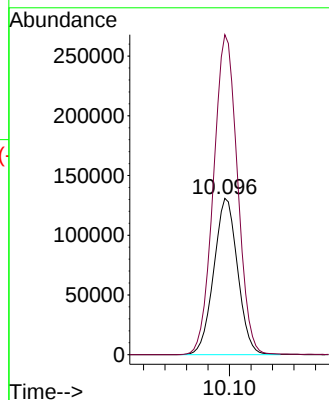
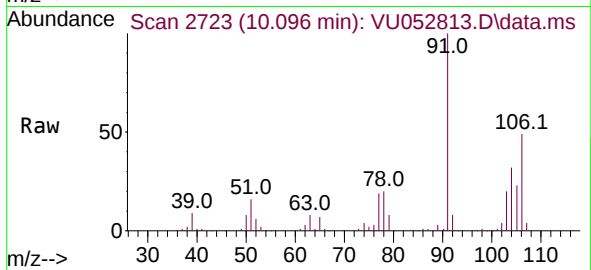
ClientSampleId :

Tgt Ion:106 Resp: 201400

Ion Ratio Lower Upper

106 100

91 204.8 143.4 266.2



#55

Styrene

Concen: 55.124 ug/L

RT: 10.109 min Scan# 2727

Delta R.T. 0.000 min

Lab File: VU052813.D

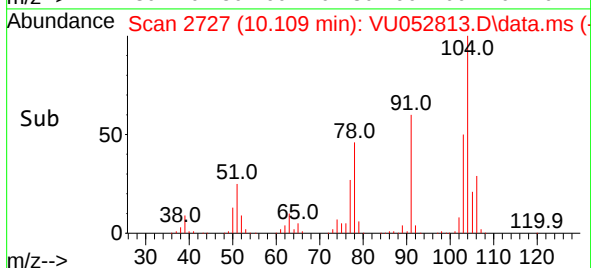
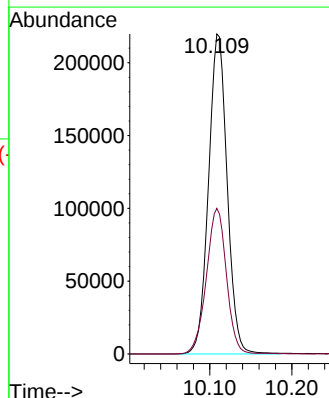
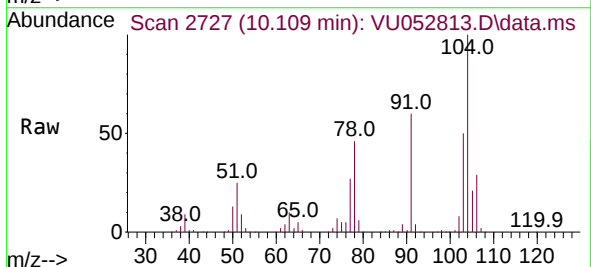
Acq: 26 Jan 2023 12:13

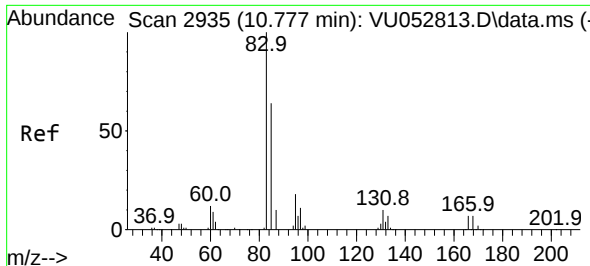
Tgt Ion:104 Resp: 347524

Ion Ratio Lower Upper

104 100

78 45.5 31.9 59.2

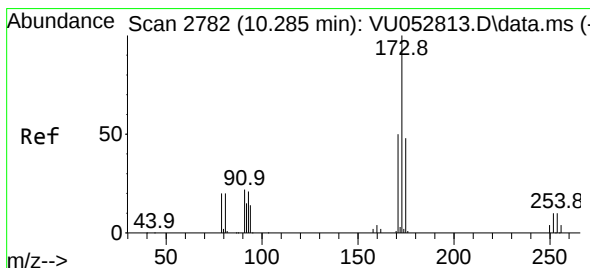
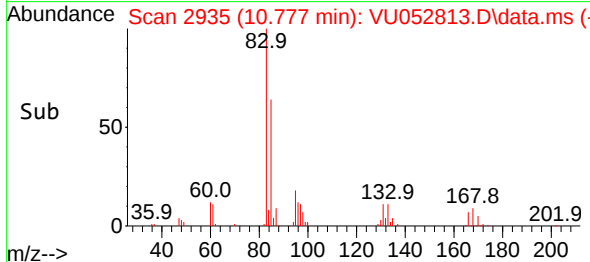
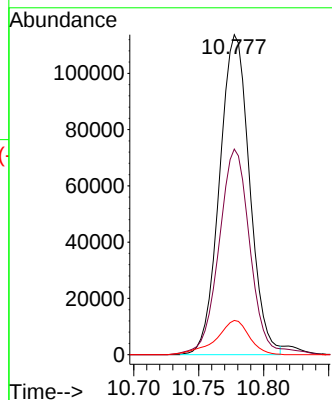
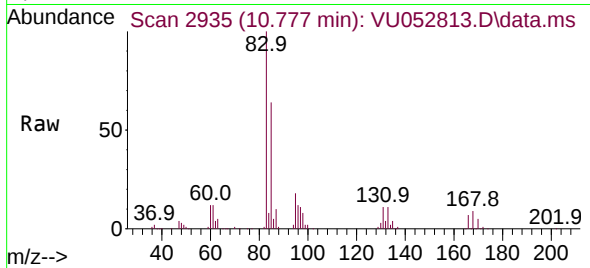




#57
1,1,2,2-Tetrachloroethane
Concen: 43.579 ug/L
RT: 10.777 min Scan# 2935
Delta R.T. 0.000 min
Lab File: VU052813.D
Acq: 26 Jan 2023 12:13

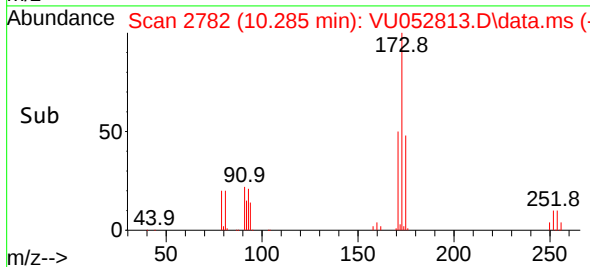
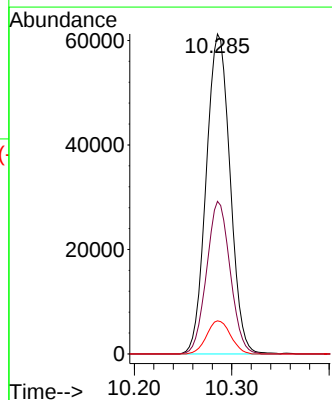
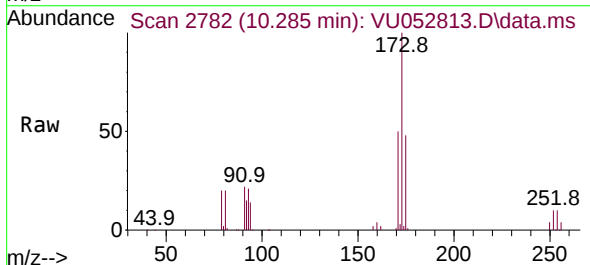
Instrument :
MSVOA_U
ClientSampleId :

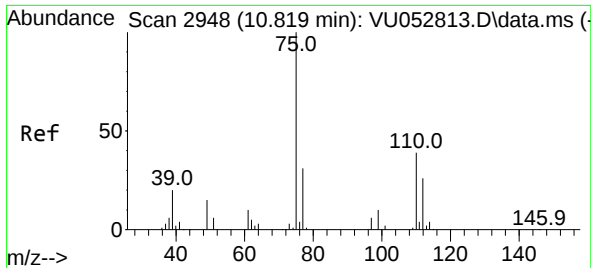
Tgt Ion: 83 Resp: 183053
Ion Ratio Lower Upper
83 100
85 64.3 45.0 83.6
131 10.7 8.6 12.8



#59
Bromoform
Concen: 54.709 ug/L
RT: 10.285 min Scan# 2782
Delta R.T. 0.000 min
Lab File: VU052813.D
Acq: 26 Jan 2023 12:13

Tgt Ion:173 Resp: 103875
Ion Ratio Lower Upper
173 100
175 47.1 37.7 56.5
254 10.4 8.3 12.5

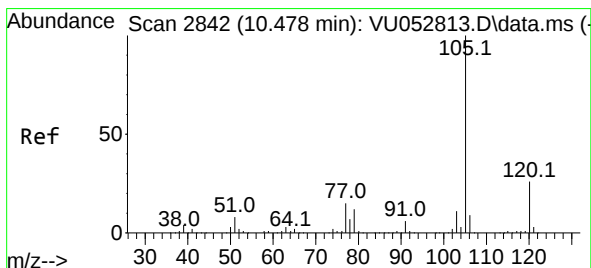
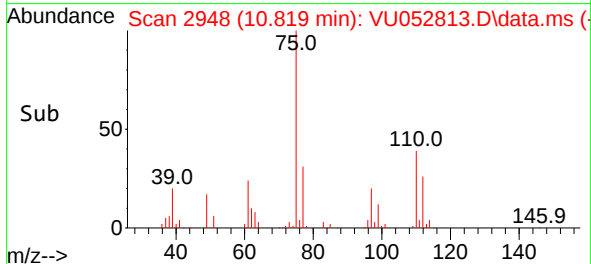
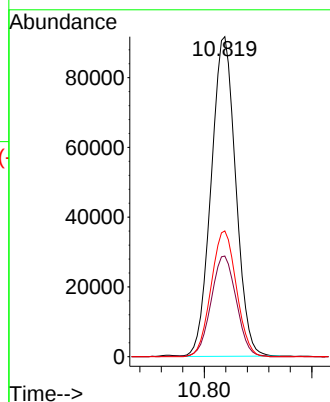
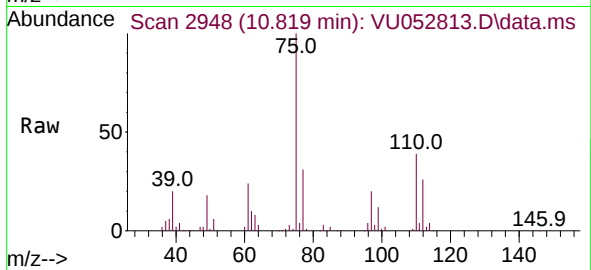




#60
1,2,3-Trichloropropane
Concen: 40.984 ug/L
RT: 10.819 min Scan# 2948
Delta R.T. 0.000 min
Lab File: VU052813.D
Acq: 26 Jan 2023 12:13

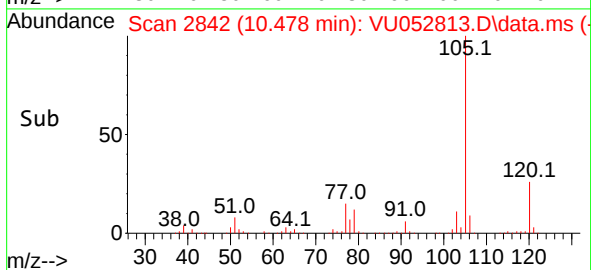
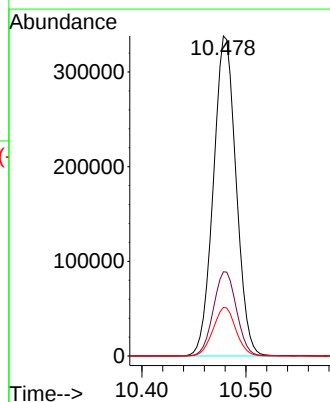
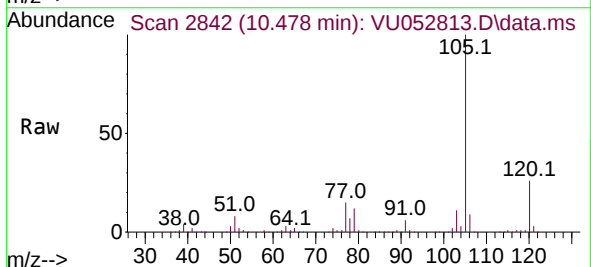
Instrument :
MSVOA_U
ClientSampleId :

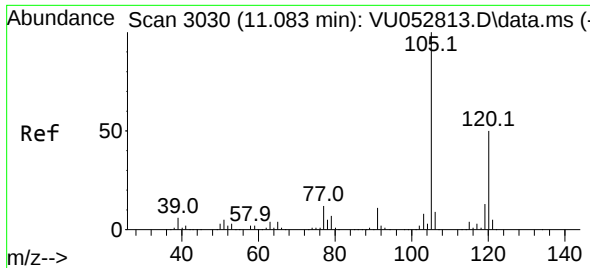
Tgt Ion: 75 Resp: 145200
Ion Ratio Lower Upper
75 100
77 32.3 25.8 38.8
110 40.5 32.4 48.6



#61
Isopropylbenzene
Concen: 52.345 ug/L
RT: 10.478 min Scan# 2842
Delta R.T. 0.000 min
Lab File: VU052813.D
Acq: 26 Jan 2023 12:13

Tgt Ion: 105 Resp: 514129
Ion Ratio Lower Upper
105 100
120 26.8 21.4 32.2
77 15.2 12.2 18.2





#62

1,3,5-Trimethylbenzene

Concen: 53.757 ug/L

RT: 11.083 min Scan# 3030

Delta R.T. 0.000 min

Lab File: VU052813.D

Acq: 26 Jan 2023 12:13

Instrument :

MSVOA_U

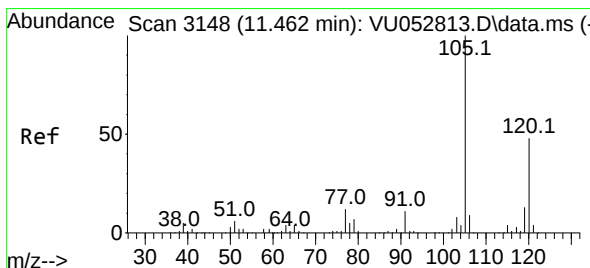
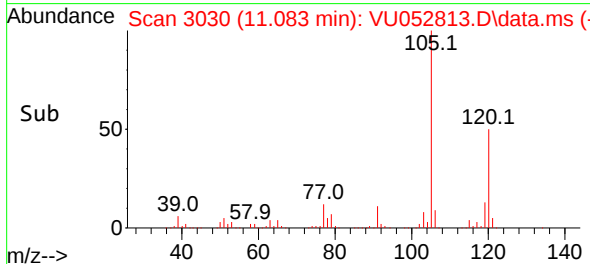
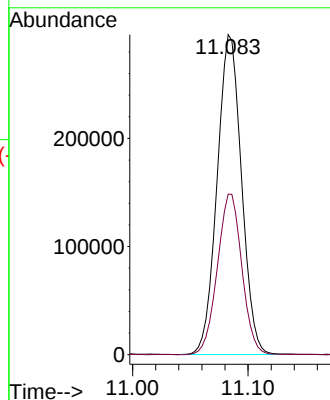
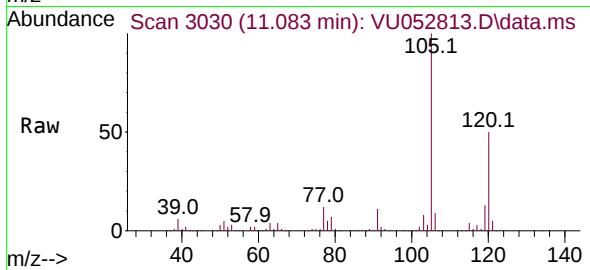
ClientSampleId :

Tgt Ion:105 Resp: 433464

Ion Ratio Lower Upper

105 100

120 50.5 40.4 60.6



#63

1,2,4-Trimethylbenzene

Concen: 53.707 ug/L

RT: 11.462 min Scan# 3148

Delta R.T. 0.000 min

Lab File: VU052813.D

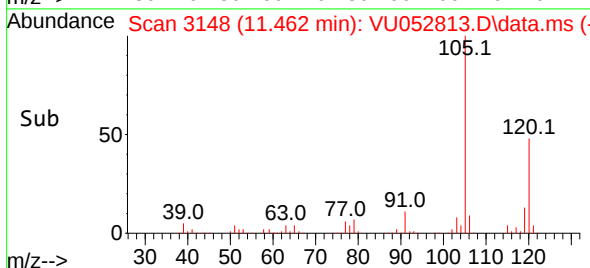
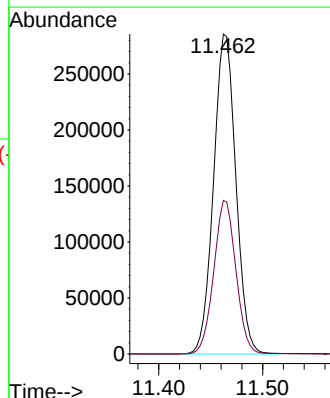
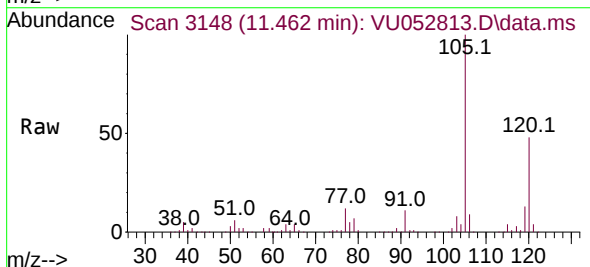
Acq: 26 Jan 2023 12:13

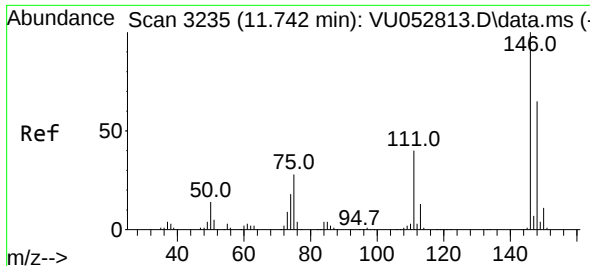
Tgt Ion:105 Resp: 426446

Ion Ratio Lower Upper

105 100

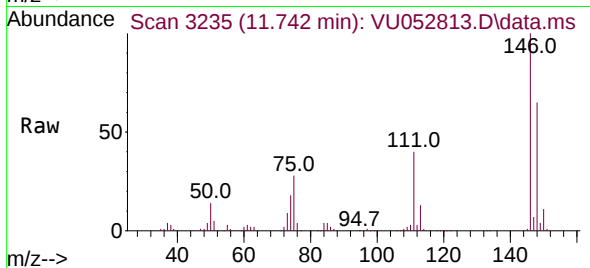
120 47.6 38.1 57.1



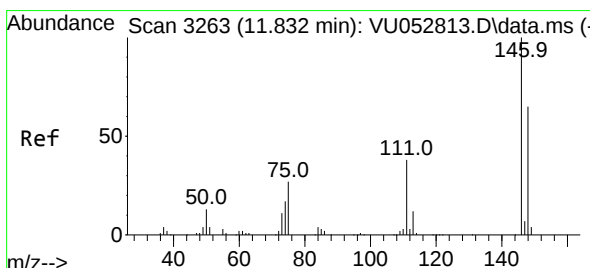
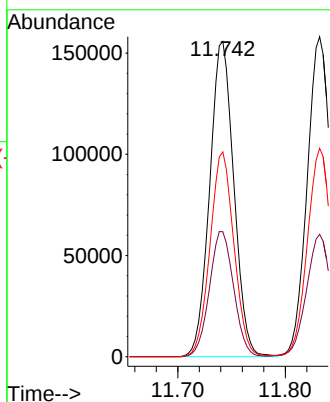
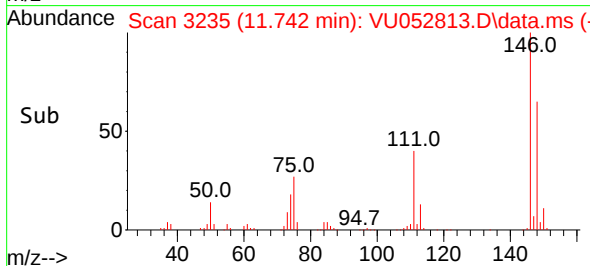


#64
1,3-Dichlorobenzene
Concen: 51.407 ug/L
RT: 11.742 min Scan# 3235
Delta R.T. 0.000 min
Lab File: VU052813.D
Acq: 26 Jan 2023 12:13

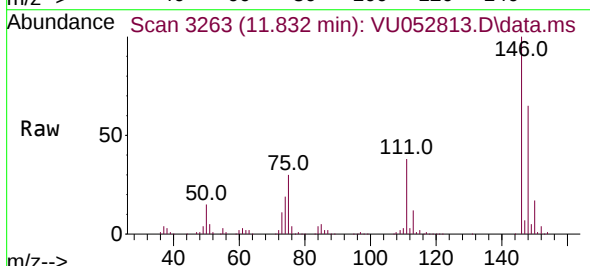
Instrument :
MSVOA_U
ClientSampleId :



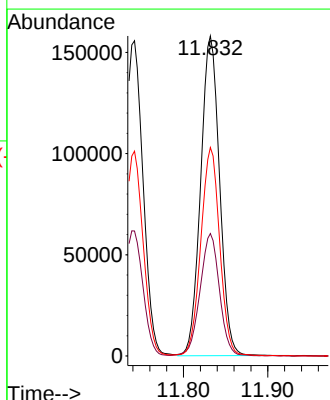
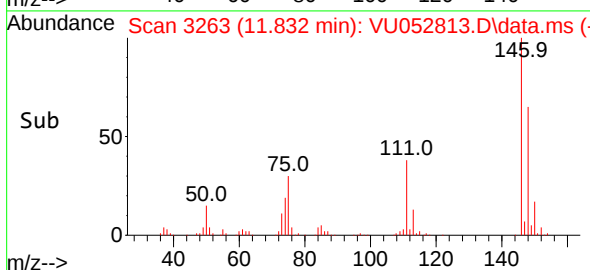
Tgt Ion:146 Resp: 243075
Ion Ratio Lower Upper
146 100
111 39.7 27.8 51.6
148 65.0 45.5 84.5

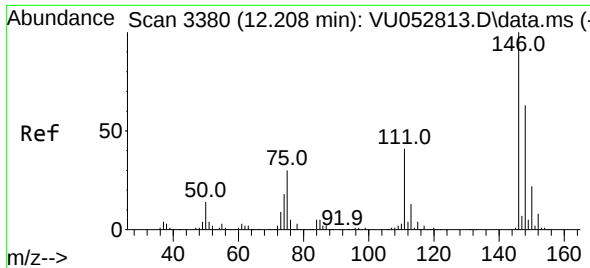


#65
1,4-Dichlorobenzene
Concen: 49.668 ug/L
RT: 11.832 min Scan# 3263
Delta R.T. 0.000 min
Lab File: VU052813.D
Acq: 26 Jan 2023 12:13



Tgt Ion:146 Resp: 247073
Ion Ratio Lower Upper
146 100
111 38.2 26.7 49.7
148 65.1 45.6 84.6

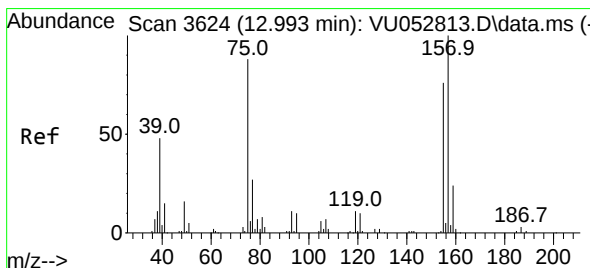
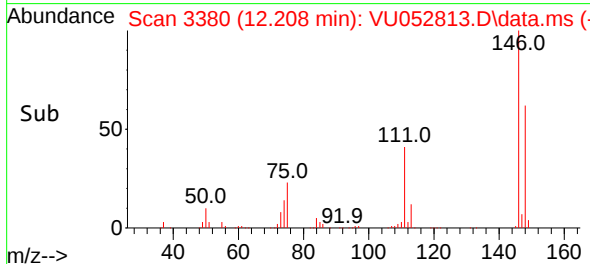
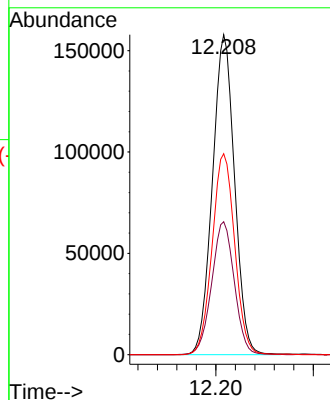
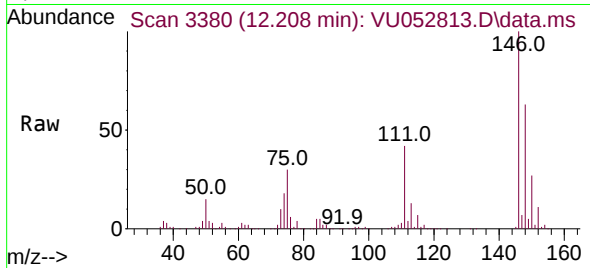




#67
 1,2-Dichlorobenzene
 Concen: 51.111 ug/L
 RT: 12.208 min Scan# 3380
 Delta R.T. 0.000 min
 Lab File: VU052813.D
 Acq: 26 Jan 2023 12:13

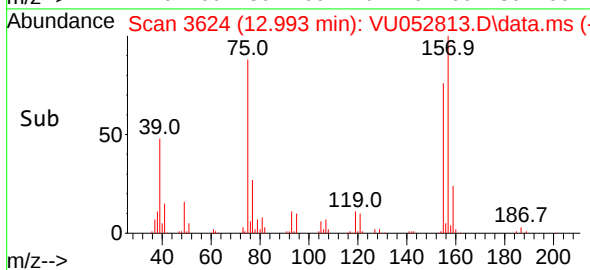
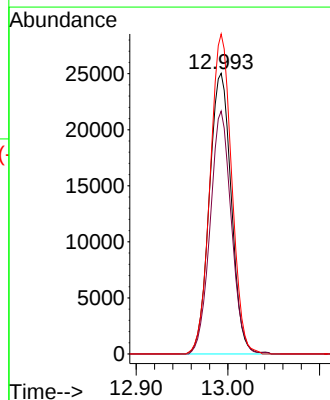
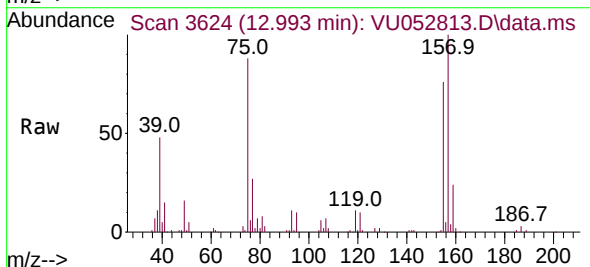
Instrument :
 MSVOA_U
 ClientSampleId :

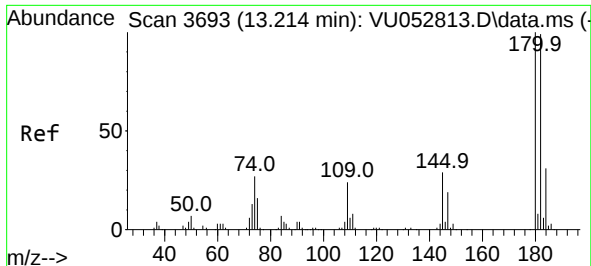
Tgt Ion:146 Resp: 249053
 Ion Ratio Lower Upper
 146 100
 111 41.5 33.2 49.8
 148 62.8 50.2 75.4



#68
 1,2-Dibromo-3-chloropropane
 Concen: 41.968 ug/L
 RT: 12.993 min Scan# 3624
 Delta R.T. 0.000 min
 Lab File: VU052813.D
 Acq: 26 Jan 2023 12:13

Tgt Ion: 75 Resp: 41563
 Ion Ratio Lower Upper
 75 100
 155 86.5 69.2 103.8
 157 114.0 91.2 136.8





#69

1,3,5-Trichlorobenzene

Concen: 52.200 ug/L

RT: 13.214 min Scan# 3693

Delta R.T. 0.000 min

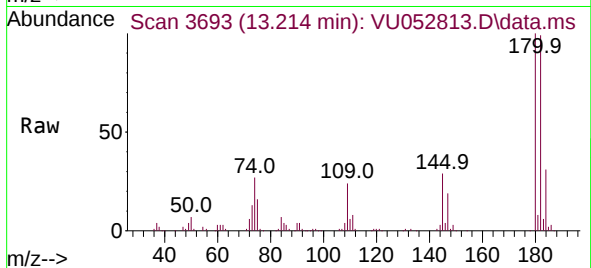
Lab File: VU052813.D

Acq: 26 Jan 2023 12:13

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:180 Resp: 176035

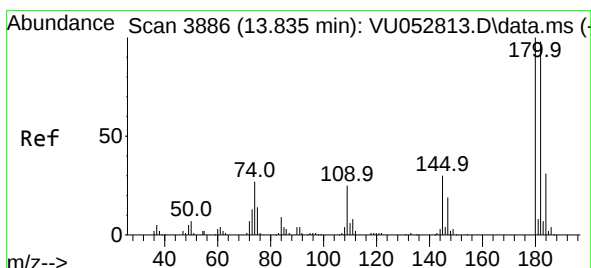
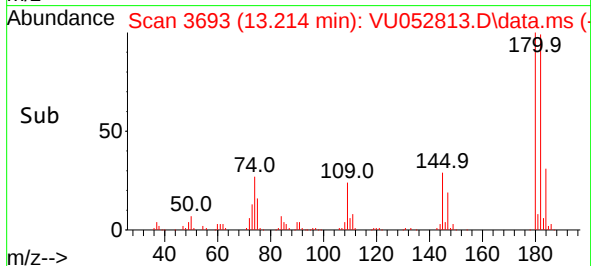
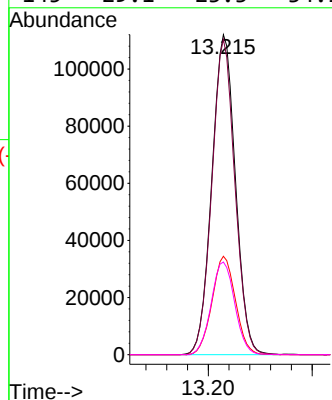
Ion Ratio Lower Upper

180 100

182 96.3 77.0 115.6

184 30.5 24.4 36.6

145 29.1 23.3 34.9



#70

1,2,4-trichlorobenzene

Concen: 50.285 ug/L

RT: 13.835 min Scan# 3886

Delta R.T. 0.000 min

Lab File: VU052813.D

Acq: 26 Jan 2023 12:13

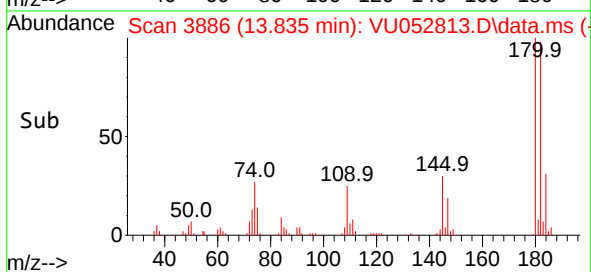
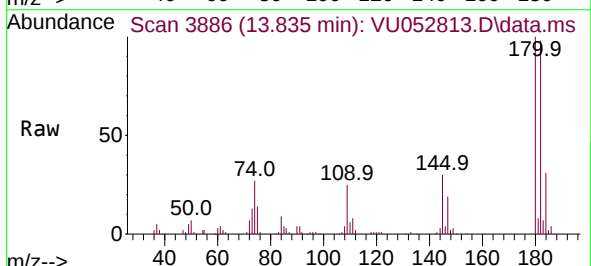
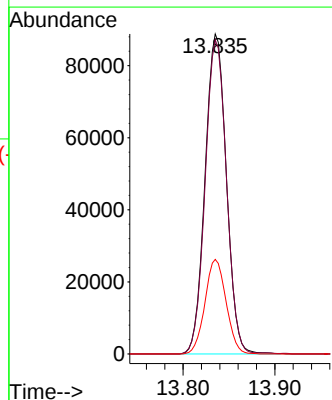
Tgt Ion:180 Resp: 143264

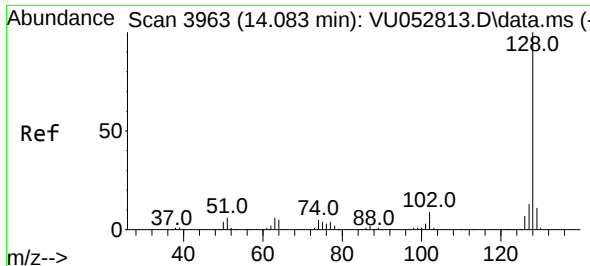
Ion Ratio Lower Upper

180 100

182 97.7 78.2 117.2

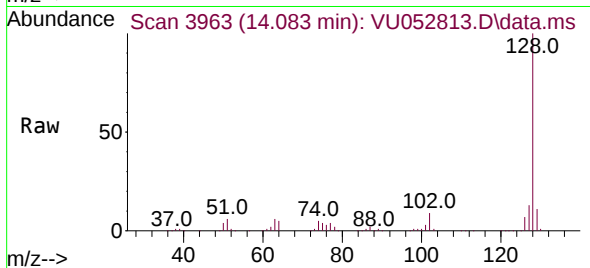
145 29.3 23.4 35.2



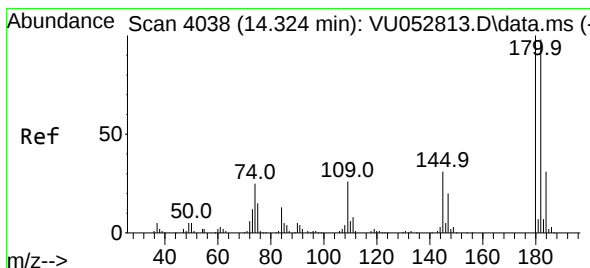
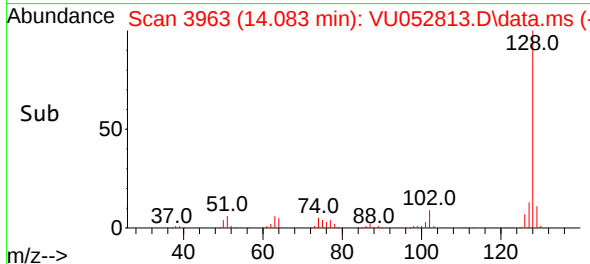
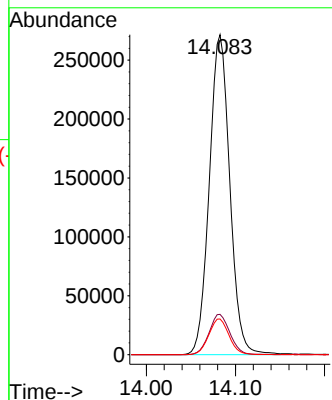


#71
Naphthalene
Concen: 49.857 ug/L
RT: 14.083 min Scan# 3963
Delta R.T. 0.000 min
Lab File: VU052813.D
Acq: 26 Jan 2023 12:13

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:128 Resp: 433616
Ion Ratio Lower Upper
128 100
127 12.9 10.3 15.5
129 11.0 8.8 13.2



#72
1,2,3-Trichlorobenzene
Concen: 53.055 ug/L
RT: 14.324 min Scan# 4038
Delta R.T. 0.000 min
Lab File: VU052813.D
Acq: 26 Jan 2023 12:13

Tgt Ion:180 Resp: 155910
Ion Ratio Lower Upper
180 100
182 96.9 77.5 116.3
145 30.3 24.2 36.4

