

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101322\
 Data File : VU051420.D
 Acq On : 13 Oct 2022 20:22
 Operator : JC/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 14 01:24:40 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR100722WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Oct 14 01:20:41 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	203403	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	216254	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	102088	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.594	65	163781	9.982	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	199.600%#
7) Chloroethane-d5	1.909	69	123521	8.762	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	175.200%#
11) 1,1-Dichloroethene-d2	2.562	65	54975	8.476	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	169.600%#
20) 2-Butanone-d5	4.639	46	327110	90.553	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	181.100%#
24) Chloroform-d	5.060	84	254024	8.304	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	166.000%#
26) 1,2-Dichloroethane-d4	5.700	65	132430	8.395	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	167.800%#
32) Benzene-d6	5.726	84	489806	8.233	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	164.600%#
36) 1,2-Dichloropropane-d6	6.690	67	159493	7.894	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	157.800%#
41) Toluene-d8	7.896	98	441365	8.292	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	165.800%#
43) trans-1,3-Dichloroprop...	8.179	79	56262	8.476	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	169.600%#
46) 2-Hexanone-d5	8.632	63	235964	105.475	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	210.940%#
56) 1,1,2,2-Tetrachloroeth...	10.754	84	136303	8.445	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	169.000%#
66) 1,2-Dichlorobenzene-d4	12.192	152	131158	7.392	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	147.800%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	87613	5.280	ug/L	100
3) Chloromethane	1.520	50	106109	4.554	ug/L	98
5) Vinyl chloride	1.600	62	109939	4.811	ug/L	99
6) Bromomethane	1.854	94	62206	4.999	ug/L	98
8) Chloroethane	1.932	64	70076	4.808	ug/L	99
9) Trichlorofluoromethane	2.134	101	133673	5.075	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	77292	4.889	ug/L	100
12) 1,1-Dichloroethene	2.575	96	70206	4.733	ug/L #	74
13) Acetone	2.655	43	152297	56.211	ug/L	100
14) Carbon disulfide	2.787	76	223000	4.908	ug/L	99
15) Methyl Acetate	2.960	43	38180	5.797	ug/L	99
16) Methylene chloride	3.041	84	101809	4.648	ug/L	98
17) Methyl tert-butyl Ether	3.366	73	170198	5.009	ug/L	98
18) trans-1,2-Dichloroethene	3.350	96	80010	5.127	ug/L	96
19) 1,1-Dichloroethane	3.867	63	170055	5.281	ug/L	98
21) 2-Butanone	4.719	43	240794	56.393	ug/L	96
22) cis-1,2-Dichloroethene	4.665	96	87251	5.048	ug/L	98
23) Bromochloromethane	4.973	128	44093	5.346	ug/L	99
25) Chloroform	5.089	83	178720	5.313	ug/L	98

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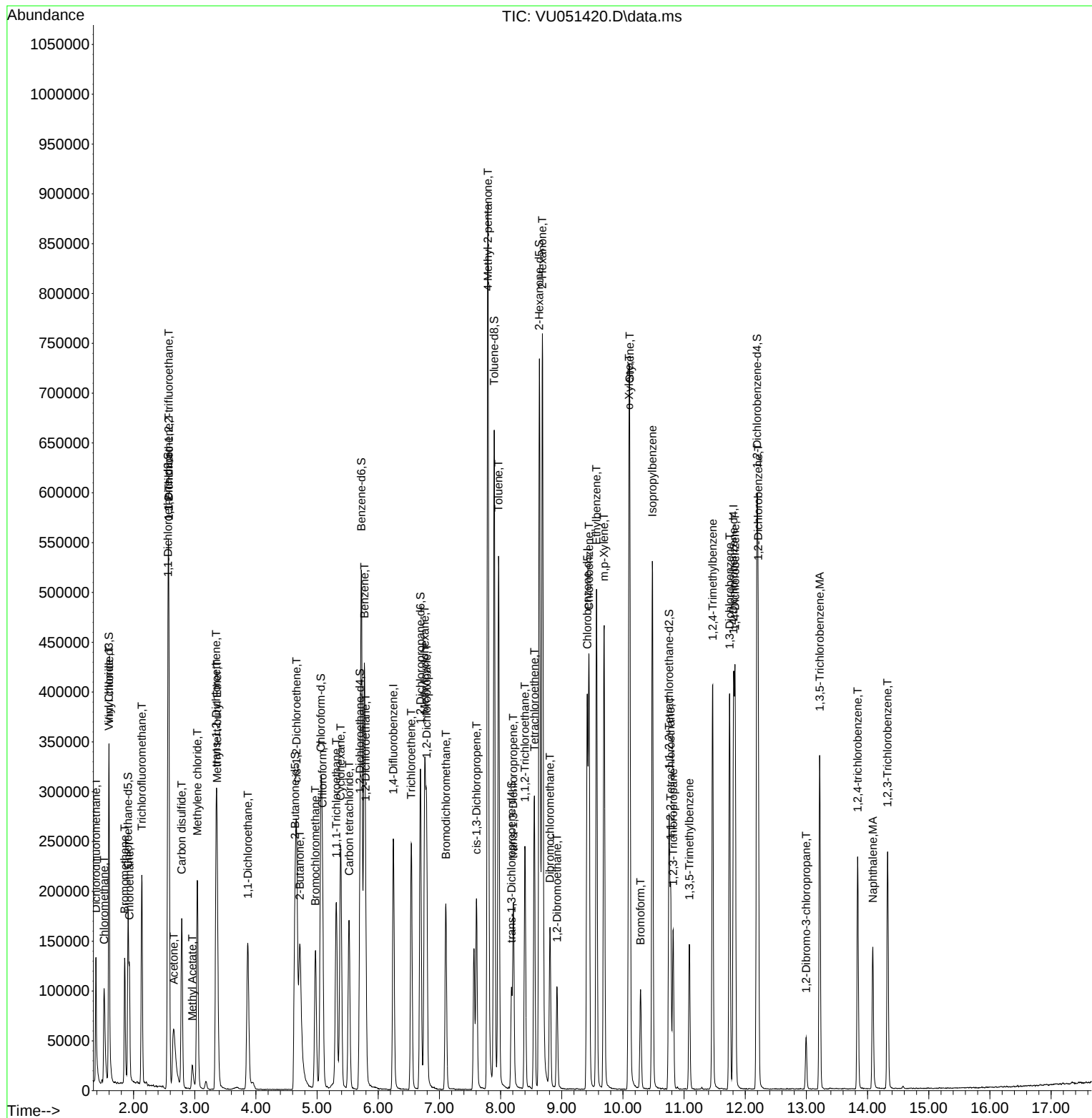
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.793	62	109305	5.425	ug/L	97
29) 1,1,1-Trichloroethane	5.314	97	137376	5.302	ug/L	98
30) Cyclohexane	5.385	56	100890	4.591	ug/L	97
31) Carbon tetrachloride	5.523	117	118265	5.394	ug/L	97
33) Benzene	5.774	78	378643	5.245	ug/L	100
34) Trichloroethene	6.539	95	88211	4.898	ug/L	97
35) Methylcyclohexane	6.761	83	105384	4.638	ug/L	99
37) 1,2-Dichloropropane	6.790	63	105902	5.352	ug/L	99
38) Bromodichloromethane	7.105	83	124870	5.290	ug/L	99
39) cis-1,3-Dichloropropene	7.607	75	117096	4.923	ug/L	100
40) 4-Methyl-2-pentanone	7.793	43	586848	56.528	ug/L	99
42) Toluene	7.967	91	394094	5.143	ug/L	99
44) trans-1,3-Dichloropropene	8.208	75	106165	5.162	ug/L	99
45) 1,1,2-Trichloroethane	8.398	97	76596	5.513	ug/L	98
47) Tetrachloroethene	8.552	164	63675	4.809	ug/L	98
48) 2-Hexanone	8.684	43	476111	61.593	ug/L	99
49) Dibromochloromethane	8.809	129	84082	5.390	ug/L	98
50) 1,2-Dibromoethane	8.922	107	66361	5.366	ug/L	99
51) Chlorobenzene	9.446	112	227852	4.976	ug/L	99
52) Ethylbenzene	9.568	91	327960	4.762	ug/L	99
53) m,p-Xylene	9.693	106	129616	4.853	ug/L	97
54) o-Xylene	10.098	106	123015	4.868	ug/L	100
55) Styrene	10.111	104	221341	5.088	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.780	83	98072	5.703	ug/L	100
59) Bromoform	10.288	173	45135	5.314	ug/L	99
60) Isopropylbenzene	10.481	105	319336	4.939	ug/L	99
61) 1,2,3-Trichloropropane	10.822	75	70328	5.456	ug/L	100
62) 1,3,5-Trimethylbenzene	11.086	105	76014	4.432	ug/L	100
63) 1,2,4-Trimethylbenzene	11.468	105	209015	4.309	ug/L	98
64) 1,3-Dichlorobenzene	11.745	146	158769	4.964	ug/L	98
65) 1,4-Dichlorobenzene	11.835	146	156837	4.975	ug/L	99
67) 1,2-Dichlorobenzene	12.211	146	160011	5.146	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.995	75	14312	5.804	ug/L	90
69) 1,3,5-Trichlorobenzene	13.217	180	102550	4.652	ug/L	98
70) 1,2,4-trichlorobenzene	13.838	180	70563	4.503	ug/L	99
71) Naphthalene	14.085	128	117125	4.021	ug/L	100
72) 1,2,3-Trichlorobenzene	14.327	180	74285	4.583	ug/L	99

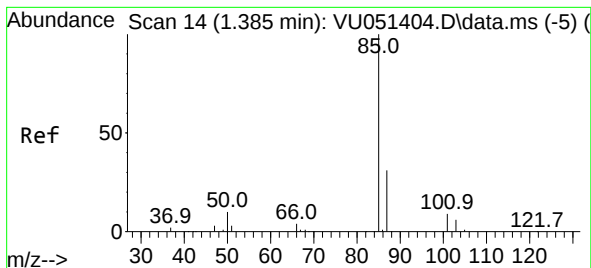
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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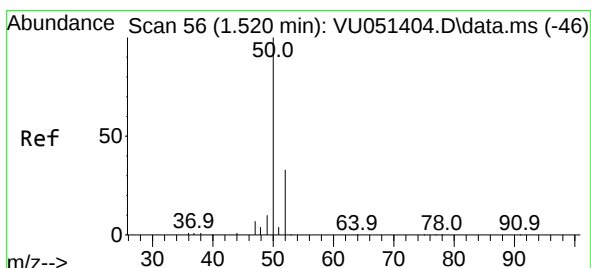
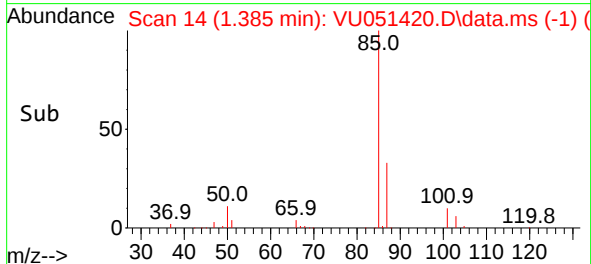
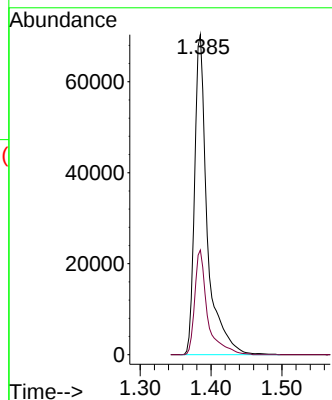
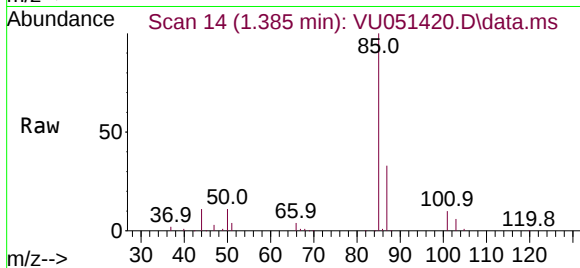




#2
Dichlorodifluoromethane
Concen: 5.280 ug/L
RT: 1.385 min Scan# 14
Delta R.T. -0.000 min
Lab File: VU051420.D
Acq: 13 Oct 2022 20:22

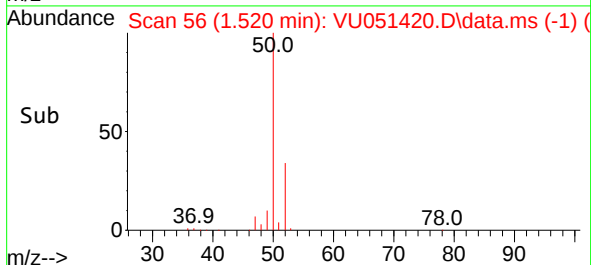
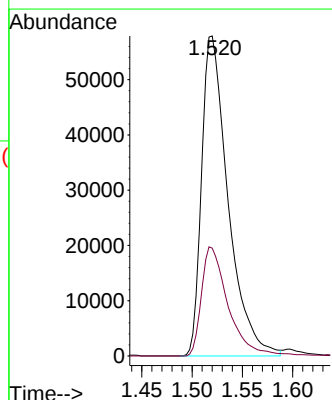
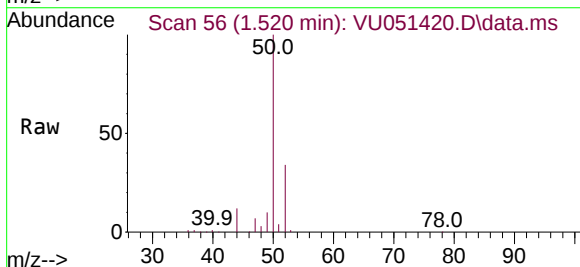
Instrument :
MSVOA_U
ClientSampleId :

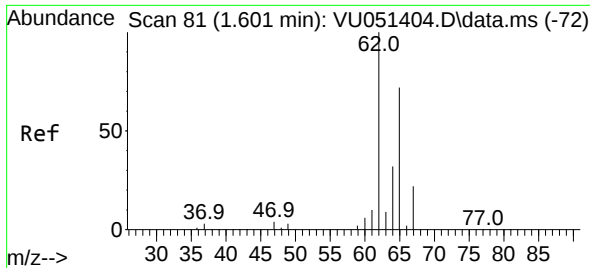
Tgt Ion: 85 Resp: 87613
Ion Ratio Lower Upper
85 100
87 32.9 26.2 39.4



#3
Chloromethane
Concen: 4.554 ug/L
RT: 1.520 min Scan# 56
Delta R.T. -0.000 min
Lab File: VU051420.D
Acq: 13 Oct 2022 20:22

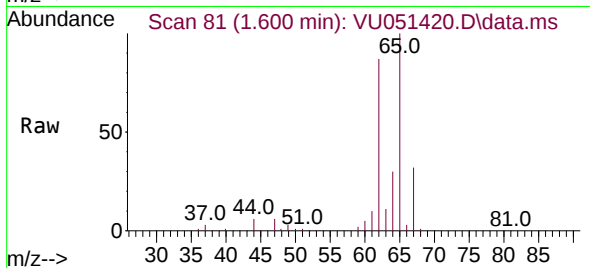
Tgt Ion: 50 Resp: 106109
Ion Ratio Lower Upper
50 100
52 33.7 22.9 42.5



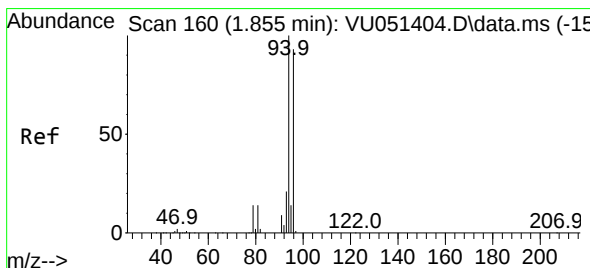
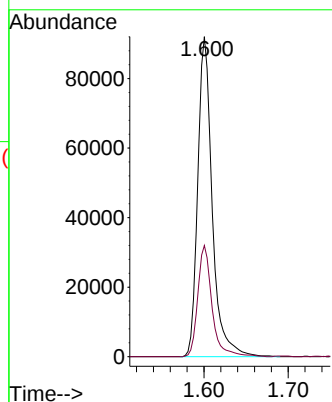
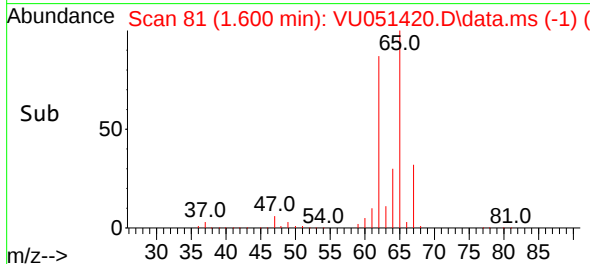


#5
 Vinyl chloride
 Concen: 4.811 ug/L
 RT: 1.600 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: VU051420.D
 Acq: 13 Oct 2022 20:22

Instrument :
 MSVOA_U
 ClientSampleId :

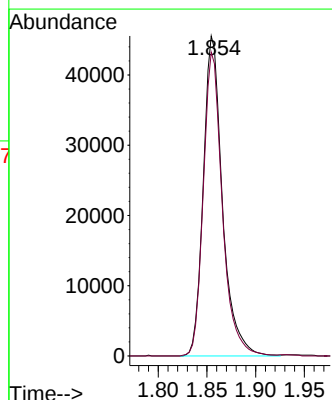
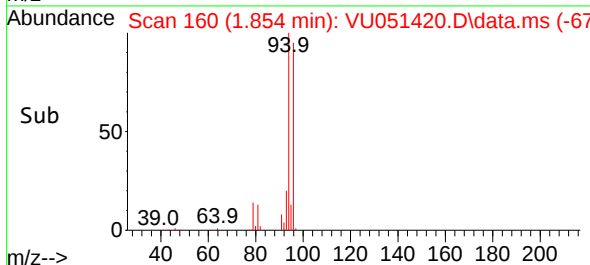
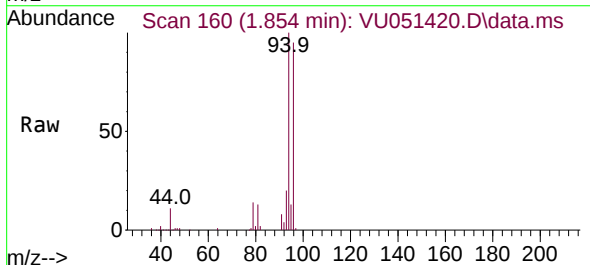


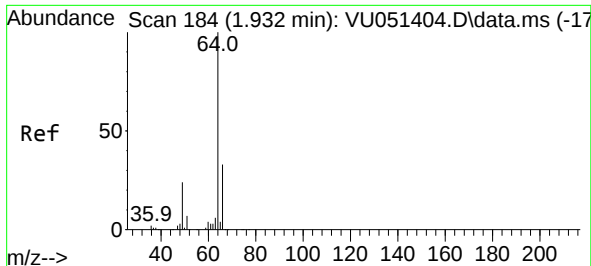
Tgt Ion: 62 Resp: 109939
 Ion Ratio Lower Upper
 62 100
 64 34.7 24.0 44.6



#6
 Bromomethane
 Concen: 4.999 ug/L
 RT: 1.854 min Scan# 160
 Delta R.T. -0.000 min
 Lab File: VU051420.D
 Acq: 13 Oct 2022 20:22

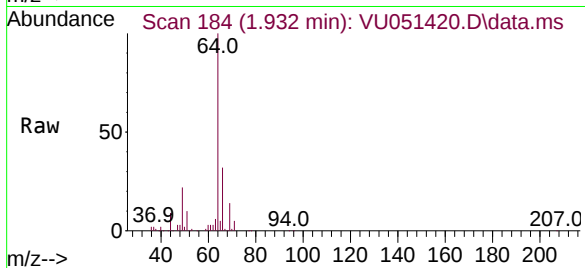
Tgt Ion: 94 Resp: 62206
 Ion Ratio Lower Upper
 94 100
 96 94.9 64.9 120.5



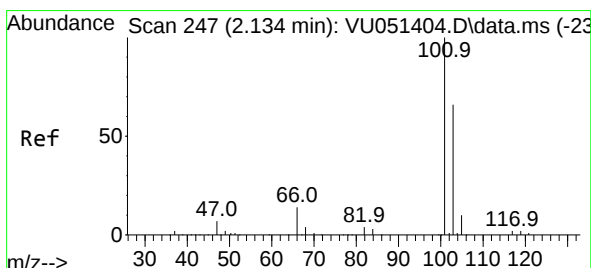
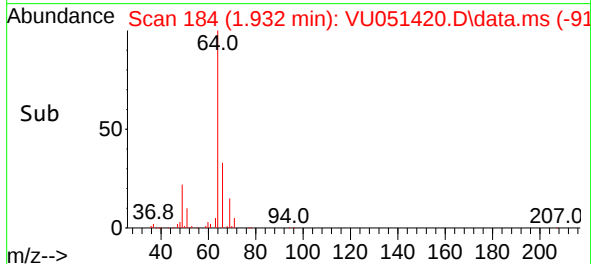
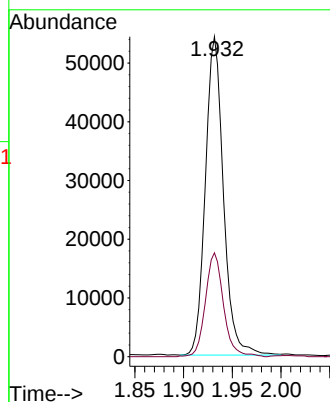


#8
Chloroethane
Concen: 4.808 ug/L
RT: 1.932 min Scan# 184
Delta R.T. -0.000 min
Lab File: VU051420.D
Acq: 13 Oct 2022 20:22

Instrument :
MSVOA_U
ClientSampleId :

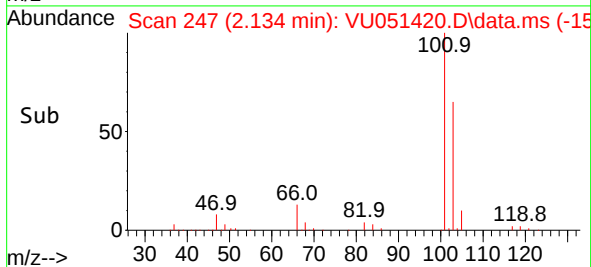
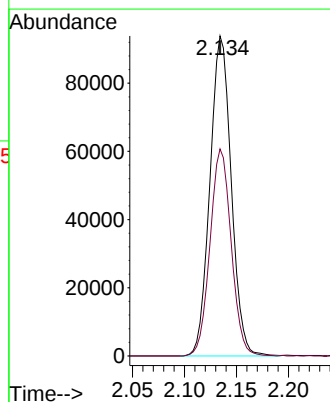
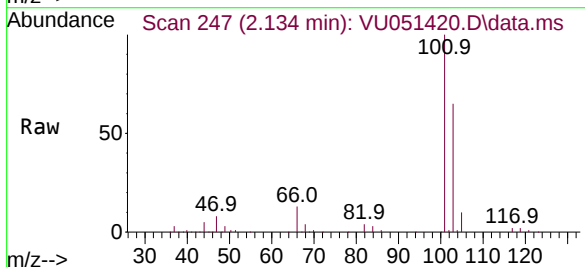


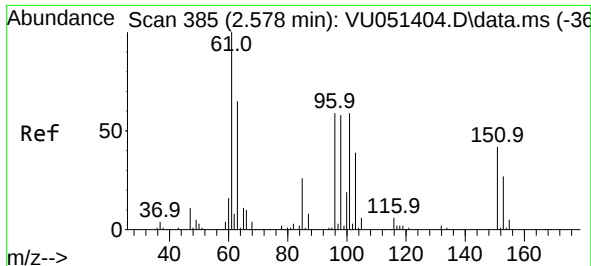
Tgt Ion: 64 Resp: 70076
Ion Ratio Lower Upper
64 100
66 32.5 22.3 41.3



#9
Trichlorofluoromethane
Concen: 5.075 ug/L
RT: 2.134 min Scan# 247
Delta R.T. -0.000 min
Lab File: VU051420.D
Acq: 13 Oct 2022 20:22

Tgt Ion: 101 Resp: 133673
Ion Ratio Lower Upper
101 100
103 64.2 52.2 78.2

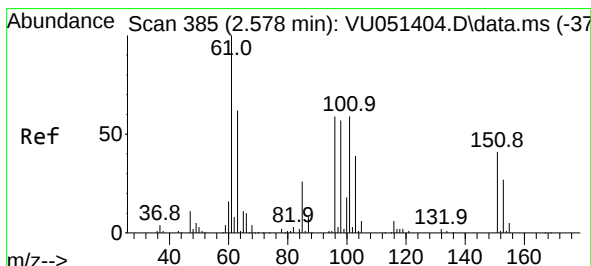
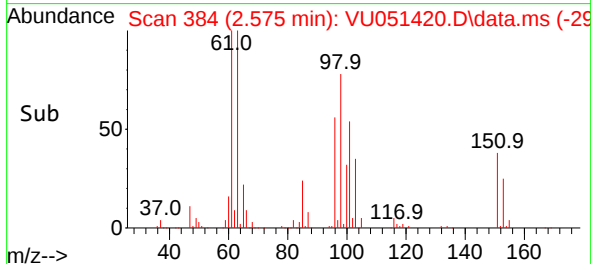
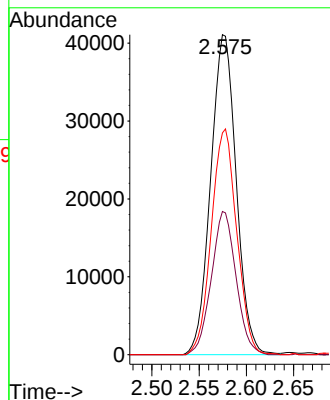
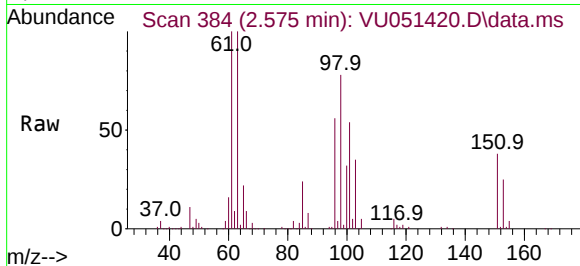




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 4.889 ug/L
 RT: 2.575 min Scan# 384
 Delta R.T. -0.003 min
 Lab File: VU051420.D
 Acq: 13 Oct 2022 20:22

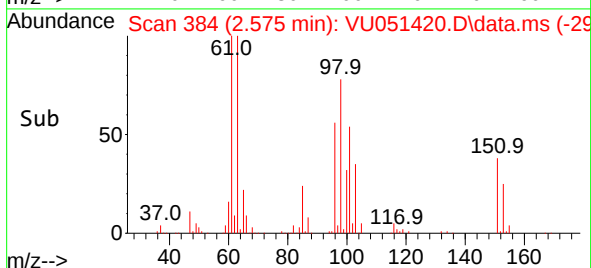
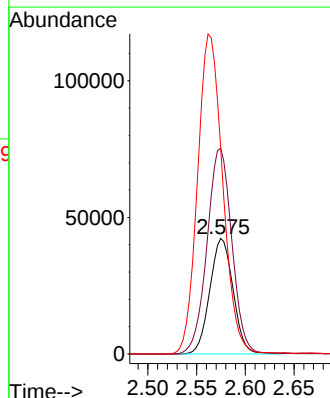
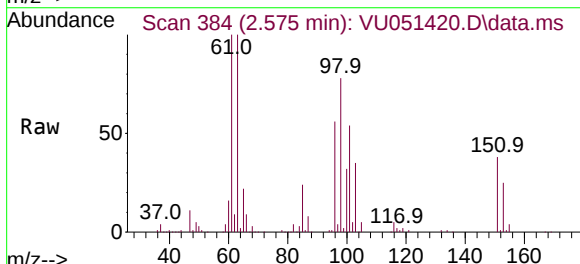
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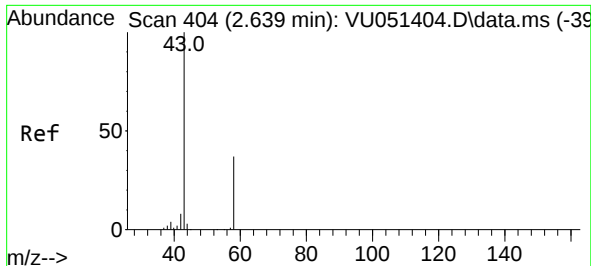
Tgt Ion:101 Resp: 77292
 Ion Ratio Lower Upper
 101 100
 85 43.3 34.6 51.8
 151 70.2 56.5 84.7



#12
 1,1-Dichloroethene
 Concen: 4.733 ug/L
 RT: 2.575 min Scan# 384
 Delta R.T. -0.003 min
 Lab File: VU051420.D
 Acq: 13 Oct 2022 20:22

Tgt Ion: 96 Resp: 70206
 Ion Ratio Lower Upper
 96 100
 61 178.2 117.6 218.4
 63 178.9 85.2 158.2#





#13

Acetone

Concen: 56.211 ug/L

RT: 2.655 min Scan# 409

Delta R.T. 0.016 min

Lab File: VU051420.D

Acq: 13 Oct 2022 20:22

Instrument :

MSVOA_U

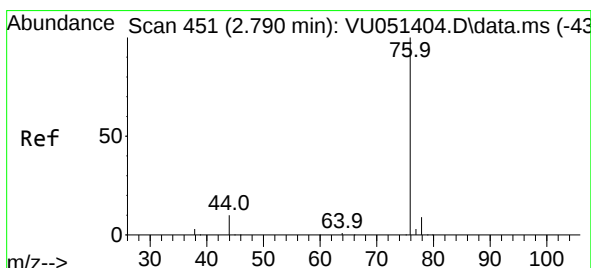
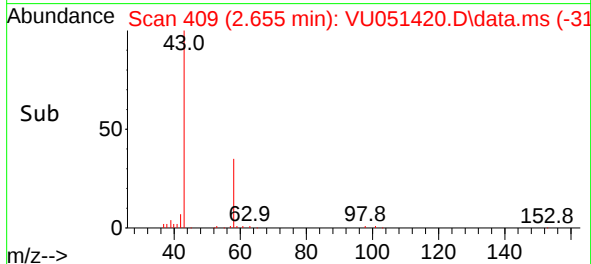
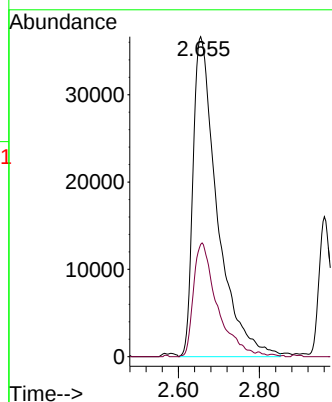
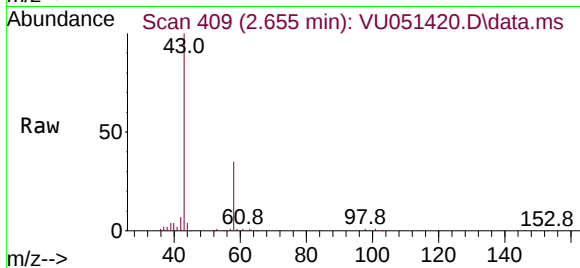
ClientSampleId :

Tgt Ion: 43 Resp: 152297

Ion Ratio Lower Upper

43 100

58 34.5 0.0 68.8



#14

Carbon disulfide

Concen: 4.908 ug/L

RT: 2.787 min Scan# 450

Delta R.T. -0.003 min

Lab File: VU051420.D

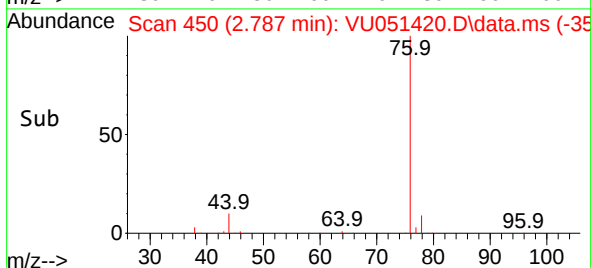
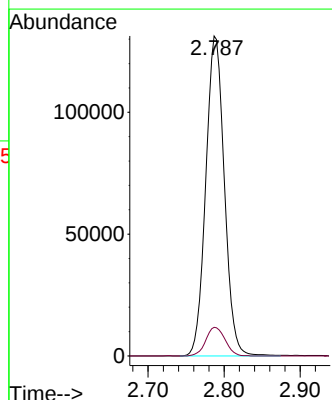
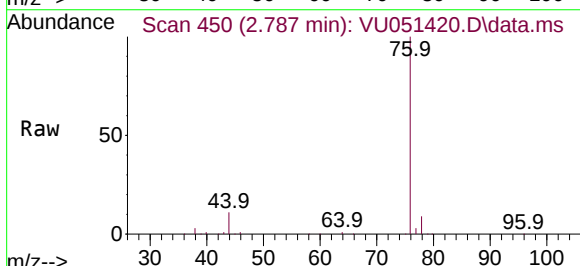
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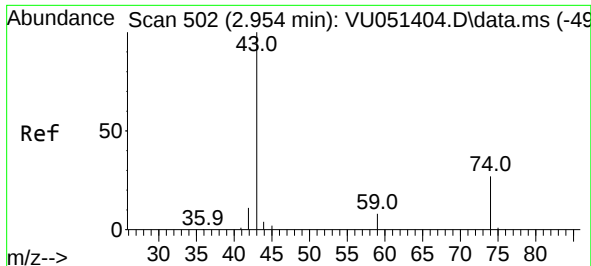
Tgt Ion: 76 Resp: 223000

Ion Ratio Lower Upper

76 100

78 9.0 7.0 10.4

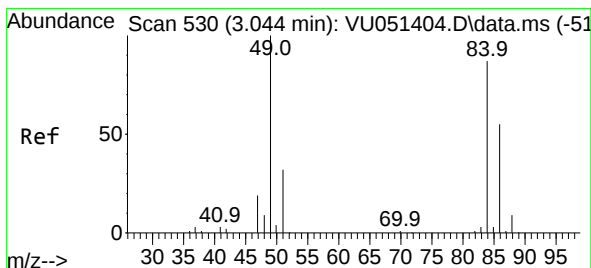
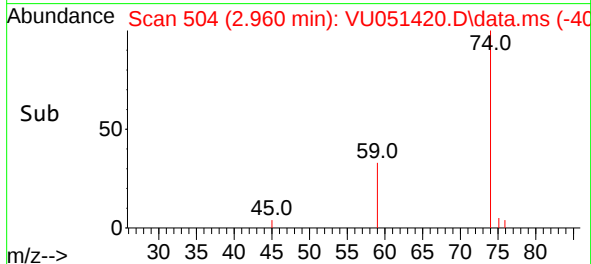
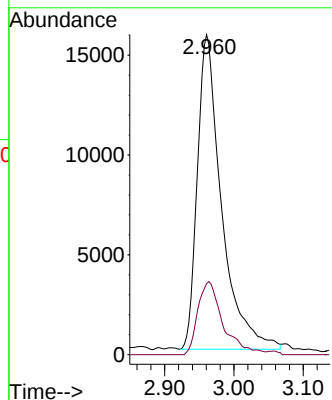
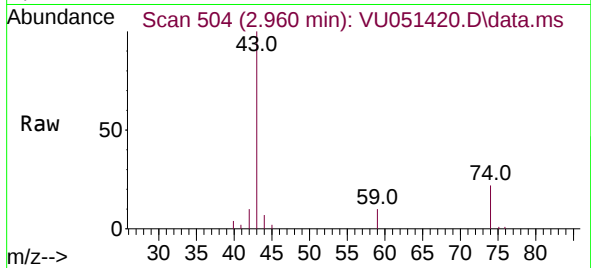




#15
Methyl Acetate
Concen: 5.797 ug/L
RT: 2.960 min Scan# 502
Delta R.T. 0.006 min
Lab File: VU051420.D
Acq: 13 Oct 2022 20:22

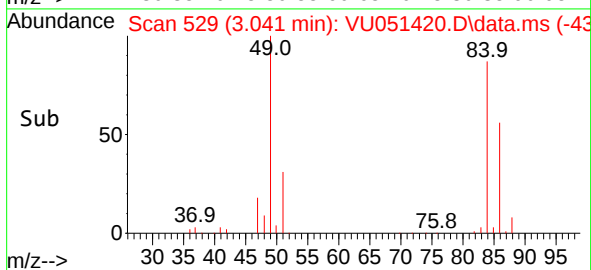
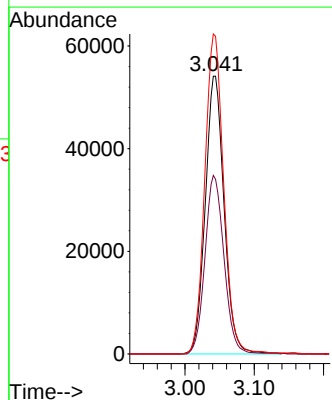
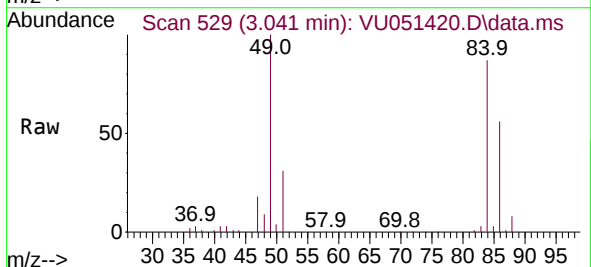
Instrument :
MSVOA_U
ClientSampleId :

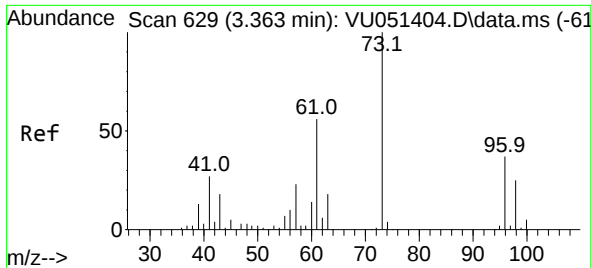
Tgt Ion: 43 Resp: 38180
Ion Ratio Lower Upper
43 100
74 24.3 20.0 30.0



#16
Methylene chloride
Concen: 4.648 ug/L
RT: 3.041 min Scan# 529
Delta R.T. -0.003 min
Lab File: VU051420.D
Acq: 13 Oct 2022 20:22

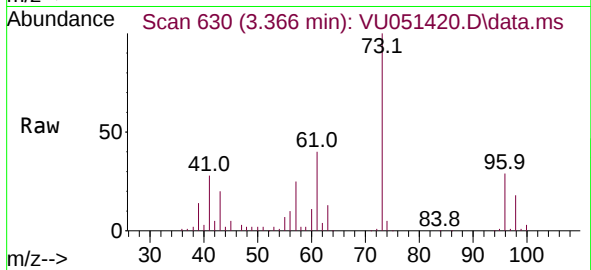
Tgt Ion: 84 Resp: 101809
Ion Ratio Lower Upper
84 100
86 64.3 46.5 86.3
49 115.2 81.3 151.1



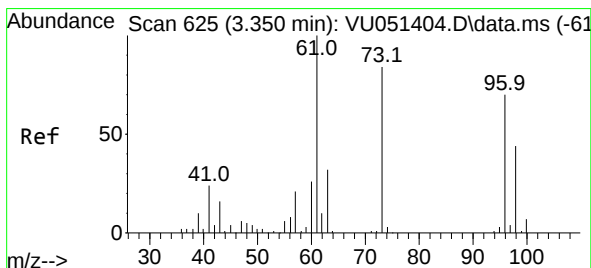
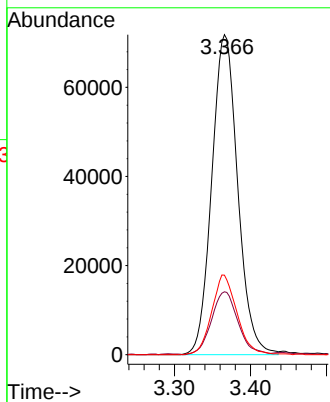
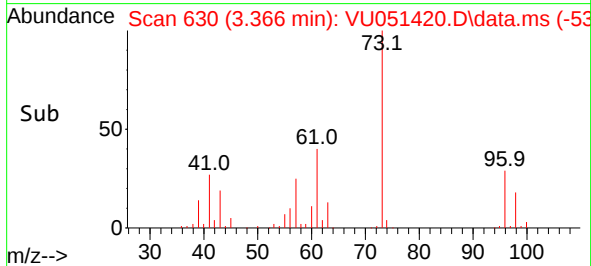


#17
Methyl tert-butyl Ether
Concen: 5.009 ug/L
RT: 3.366 min Scan# 61
Delta R.T. 0.003 min
Lab File: VU051420.D
Acq: 13 Oct 2022 20:22

Instrument :
MSVOA_U
ClientSampleId :

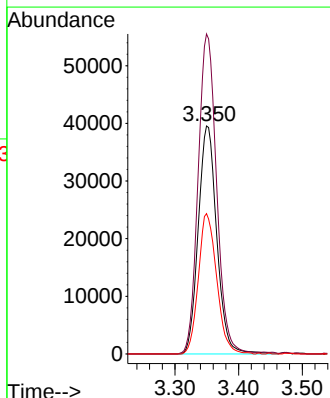
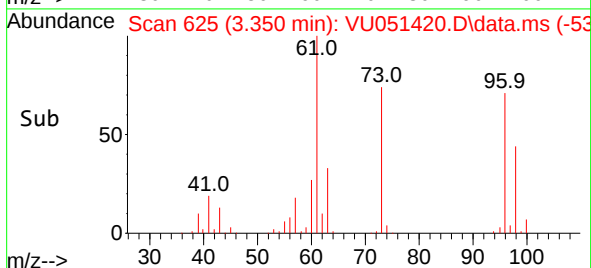
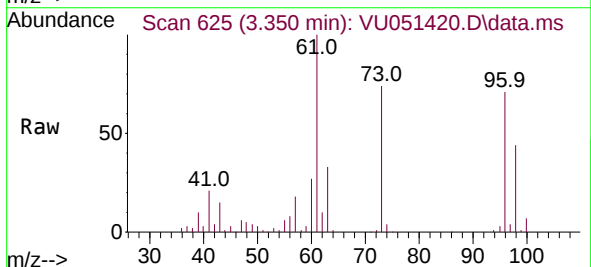


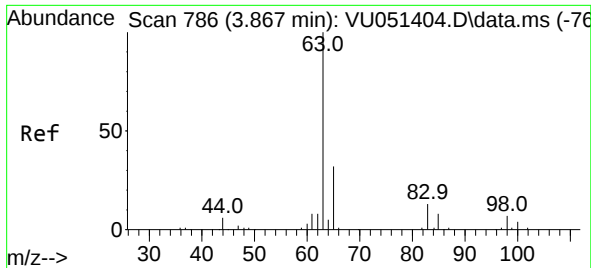
Tgt Ion: 73 Resp: 170198
Ion Ratio Lower Upper
73 100
43 20.2 15.4 23.0
57 24.2 18.9 28.3



#18
trans-1,2-Dichloroethene
Concen: 5.127 ug/L
RT: 3.350 min Scan# 625
Delta R.T. -0.000 min
Lab File: VU051420.D
Acq: 13 Oct 2022 20:22

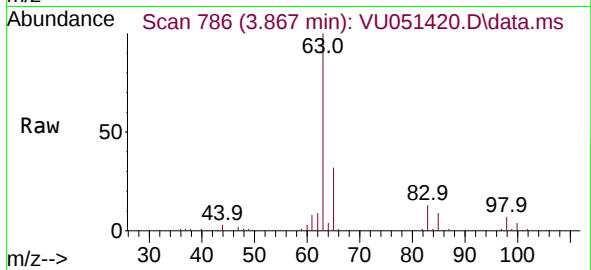
Tgt Ion: 96 Resp: 80010
Ion Ratio Lower Upper
96 100
61 140.3 101.4 188.2
98 61.5 44.9 83.5



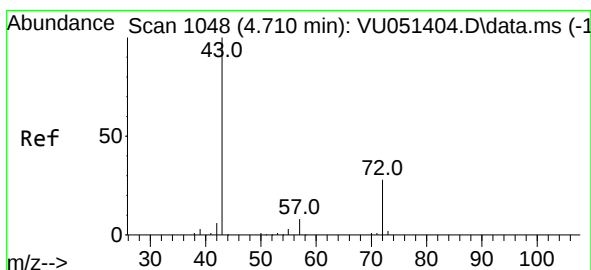
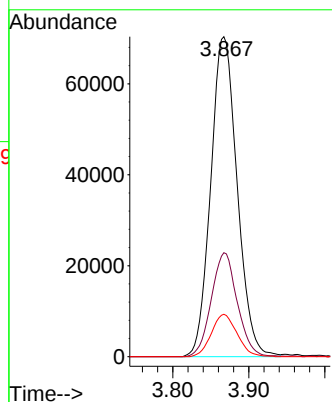
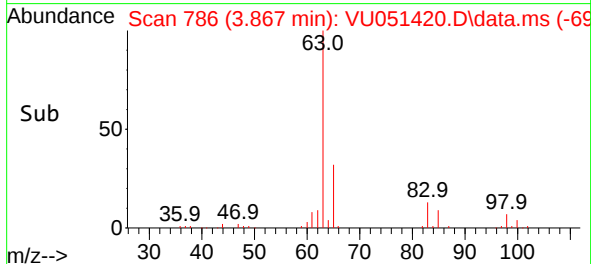


#19
1,1-Dichloroethane
Concen: 5.281 ug/L
RT: 3.867 min Scan# 786
Delta R.T. -0.000 min
Lab File: VU051420.D
Acq: 13 Oct 2022 20:22

Instrument :
MSVOA_U
ClientSampleId :

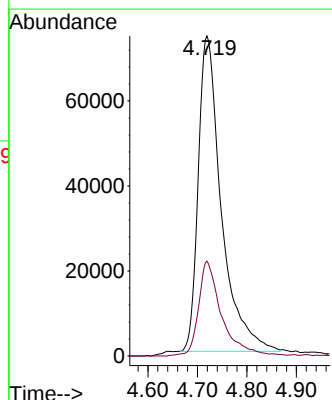
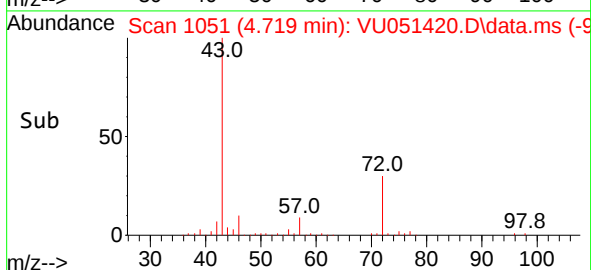
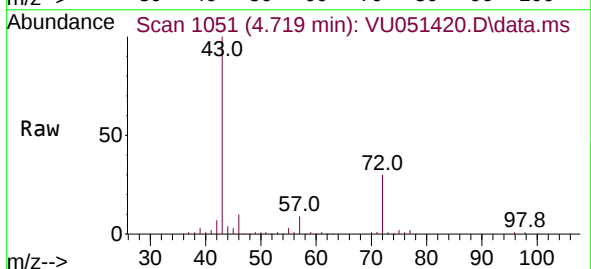


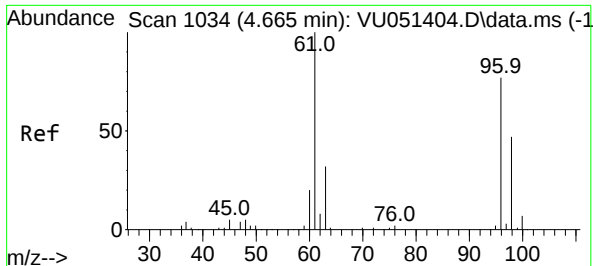
Tgt Ion: 63 Resp: 170055
Ion Ratio Lower Upper
63 100
65 32.5 22.0 41.0
83 13.2 9.0 16.6



#21
2-Butanone
Concen: 56.393 ug/L
RT: 4.719 min Scan# 1051
Delta R.T. 0.009 min
Lab File: VU051420.D
Acq: 13 Oct 2022 20:22

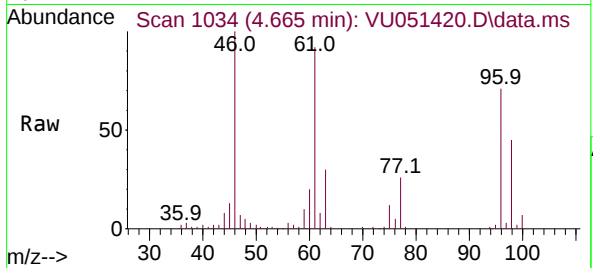
Tgt Ion: 43 Resp: 240794
Ion Ratio Lower Upper
43 100
72 29.7 13.8 41.4





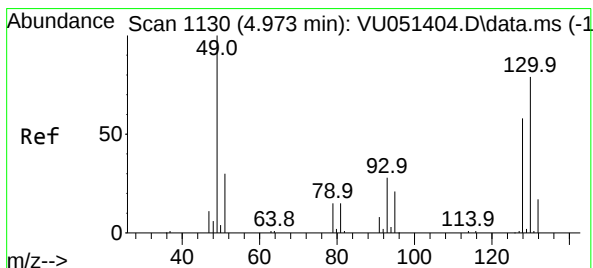
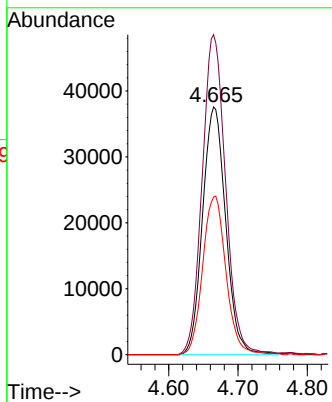
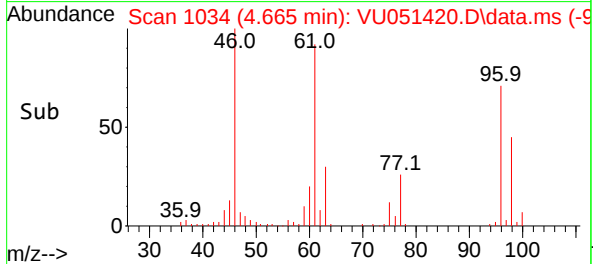
#22
 cis-1,2-Dichloroethene
 Concen: 5.048 ug/L
 RT: 4.665 min Scan# 1034
 Delta R.T. -0.000 min
 Lab File: VU051420.D
 Acq: 13 Oct 2022 20:22

Instrument :
 MSVOA_U
 ClientSampleId :

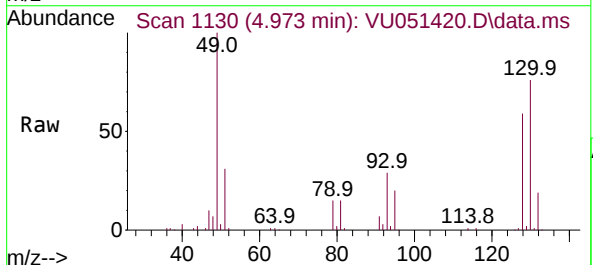


Tgt Ion: 96 Resp: 87251

Ion	Ratio	Lower	Upper
96	100		
61	129.2	90.6	168.2
98	63.7	47.5	88.3

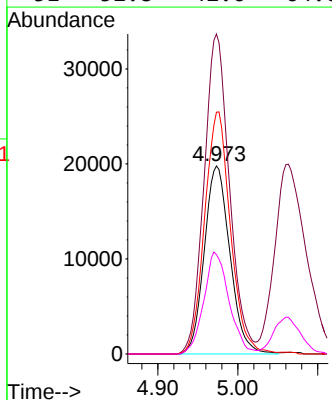
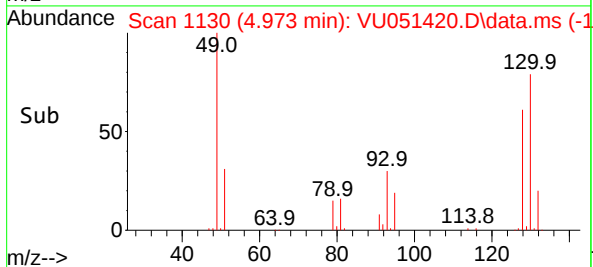


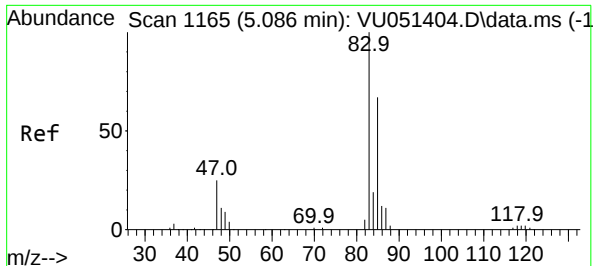
#23
 Bromochloromethane
 Concen: 5.346 ug/L
 RT: 4.973 min Scan# 1130
 Delta R.T. -0.000 min
 Lab File: VU051420.D
 Acq: 13 Oct 2022 20:22



Tgt Ion: 128 Resp: 44093

Ion	Ratio	Lower	Upper
128	100		
49	170.2	118.0	219.2
130	128.6	88.8	164.8
51	52.8	42.6	64.0





#25

Chloroform

Concen: 5.313 ug/L

RT: 5.089 min Scan# 1165

Delta R.T. 0.003 min

Lab File: VU051420.D

Acq: 13 Oct 2022 20:22

Instrument :

MSVOA_U

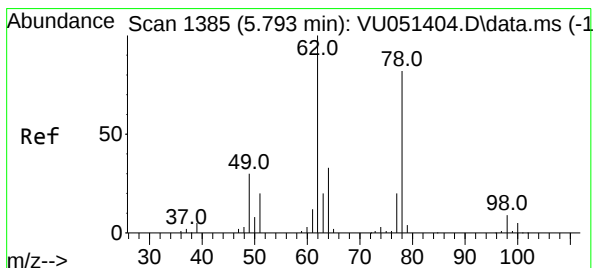
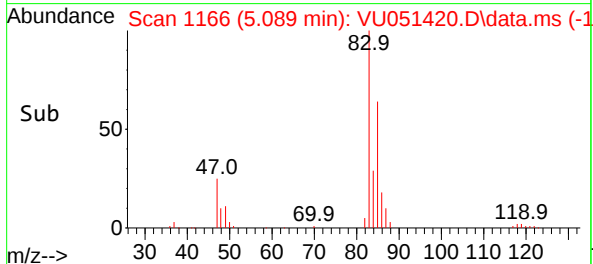
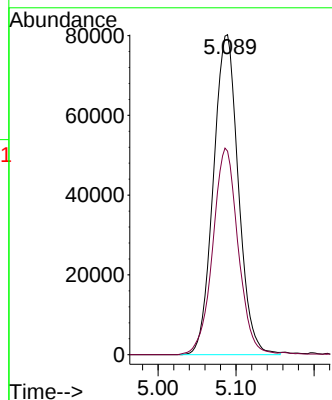
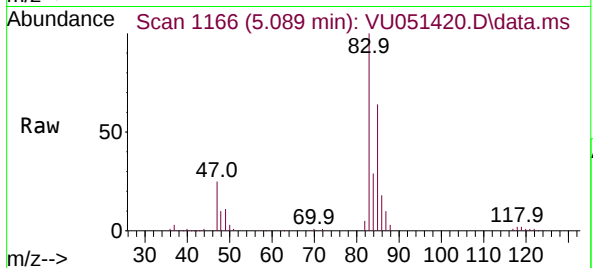
ClientSampleId :

Tgt Ion: 83 Resp: 178720

Ion Ratio Lower Upper

83 100

85 63.6 45.6 84.6



#27

1,2-Dichloroethane

Concen: 5.425 ug/L

RT: 5.793 min Scan# 1385

Delta R.T. -0.000 min

Lab File: VU051420.D

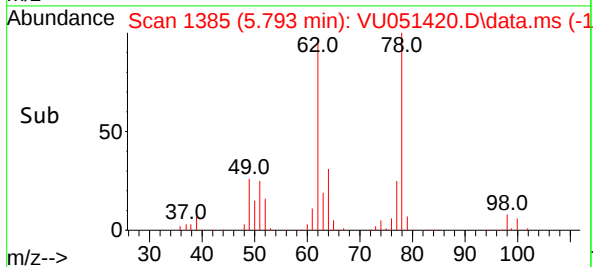
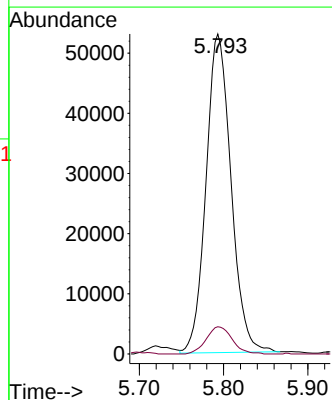
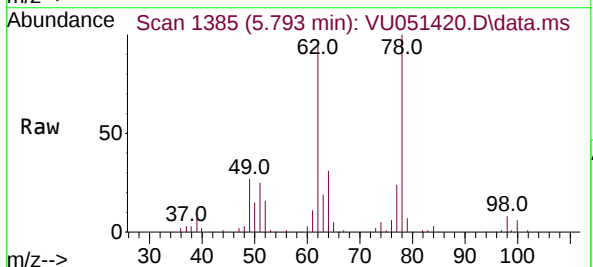
Acq: 13 Oct 2022 20:22

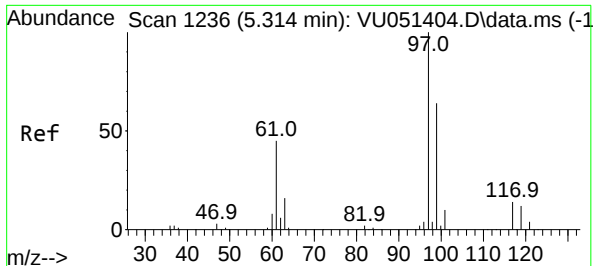
Tgt Ion: 62 Resp: 109305

Ion Ratio Lower Upper

62 100

98 8.5 7.7 11.5





#29

1,1,1-Trichloroethane

Concen: 5.302 ug/L

RT: 5.314 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU051420.D

Acq: 13 Oct 2022 20:22

Instrument :

MSVOA_U

ClientSampleId :

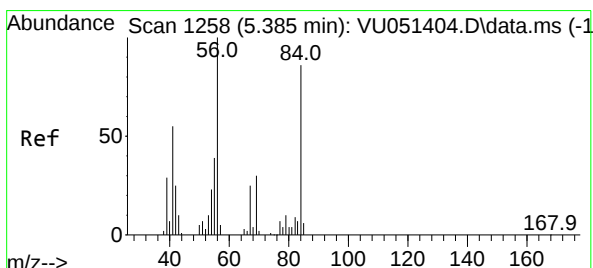
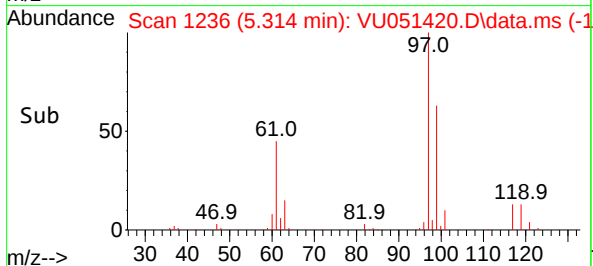
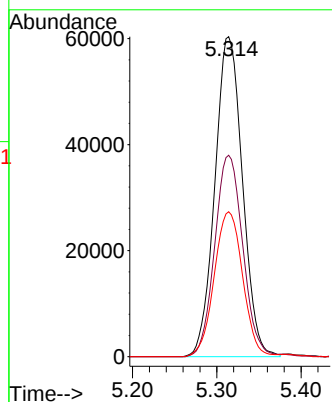
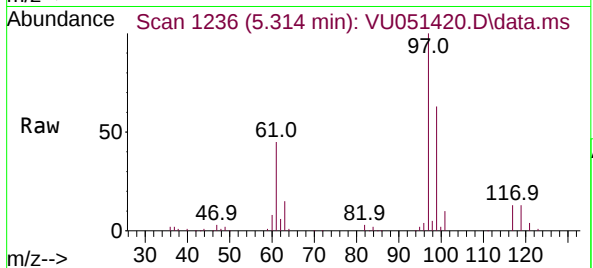
Tgt Ion: 97 Resp: 137376

Ion Ratio Lower Upper

97 100

99 64.4 50.2 75.4

61 46.7 38.7 58.1



#30

Cyclohexane

Concen: 4.591 ug/L

RT: 5.385 min Scan# 1258

Delta R.T. -0.000 min

Lab File: VU051420.D

Acq: 13 Oct 2022 20:22

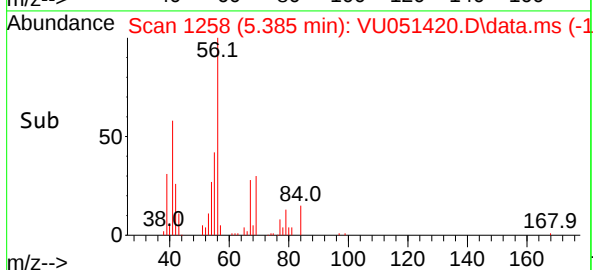
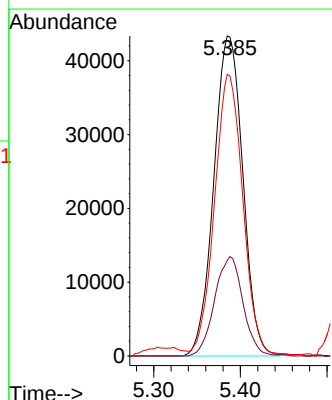
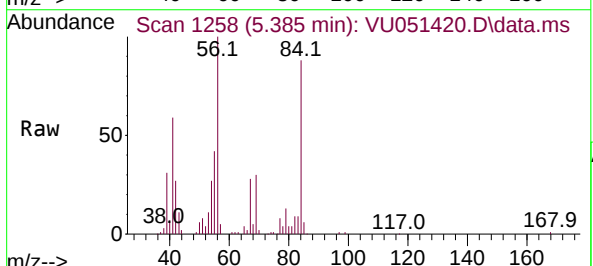
Tgt Ion: 56 Resp: 100890

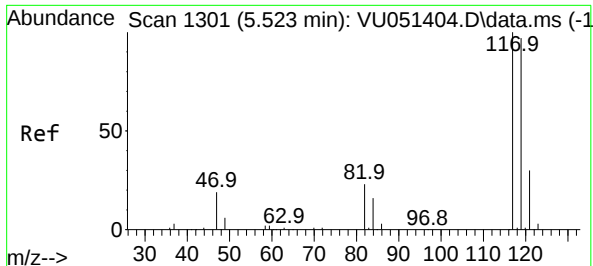
Ion Ratio Lower Upper

56 100

69 30.2 25.1 37.7

84 85.0 70.9 106.3

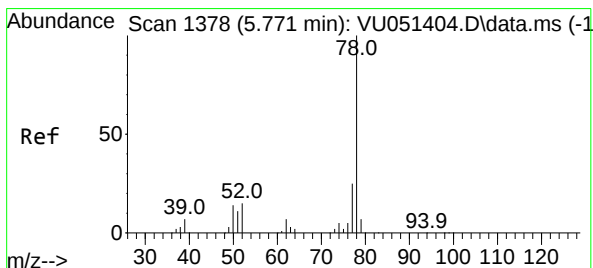
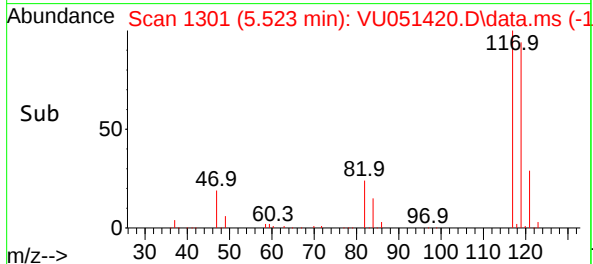
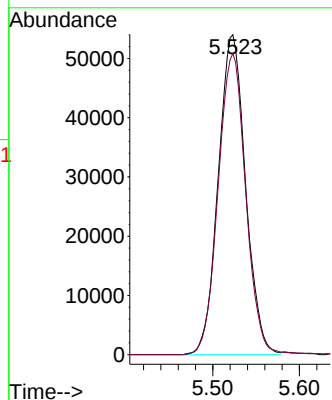
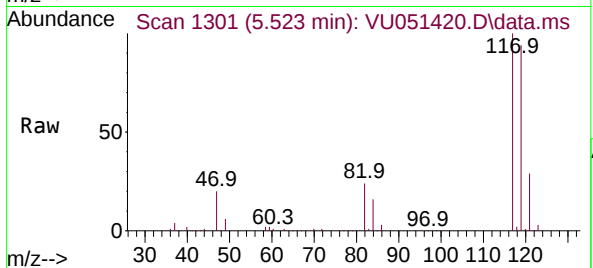




#31
Carbon tetrachloride
Concen: 5.394 ug/L
RT: 5.523 min Scan# 117
Delta R.T. -0.000 min
Lab File: VU051420.D
Acq: 13 Oct 2022 20:22

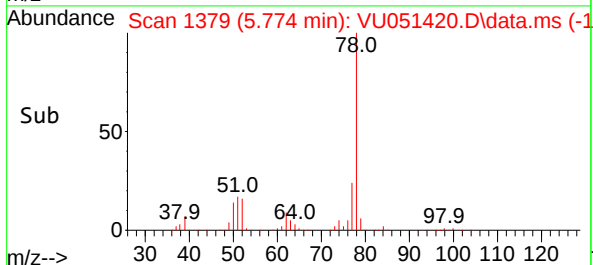
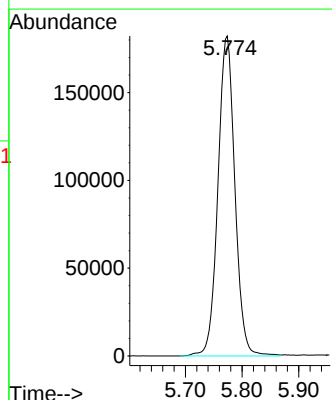
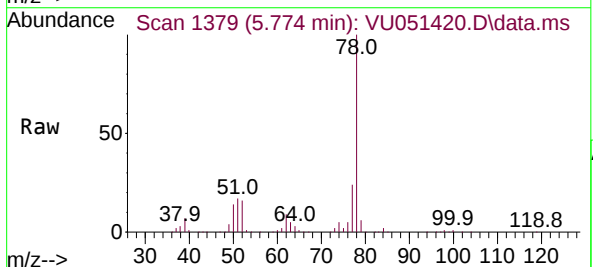
Instrument :
MSVOA_U
ClientSampleId :

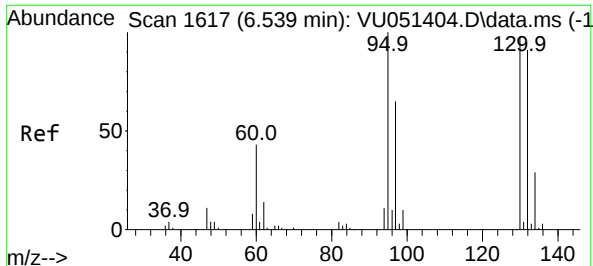
Tgt Ion:117 Resp: 118265
Ion Ratio Lower Upper
117 100
119 94.8 78.4 117.6



#33
Benzene
Concen: 5.245 ug/L
RT: 5.774 min Scan# 1379
Delta R.T. 0.003 min
Lab File: VU051420.D
Acq: 13 Oct 2022 20:22

Tgt Ion: 78 Resp: 378643

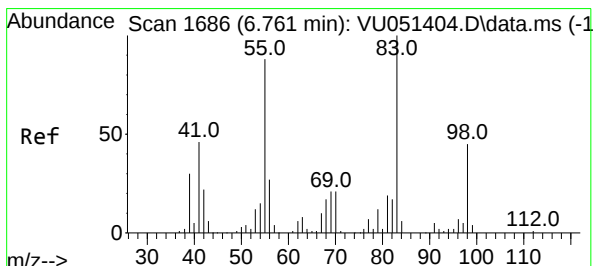
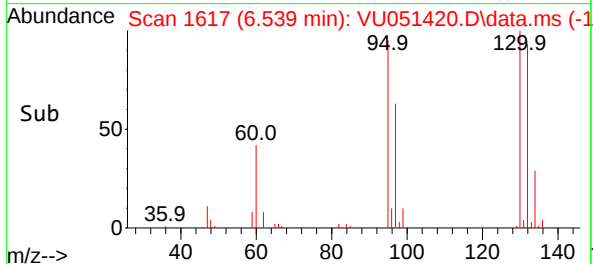
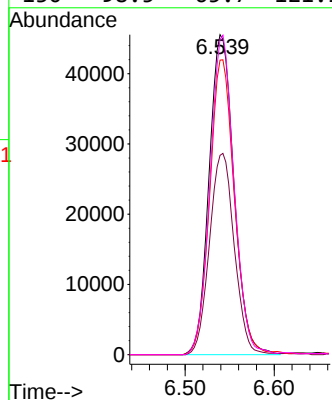
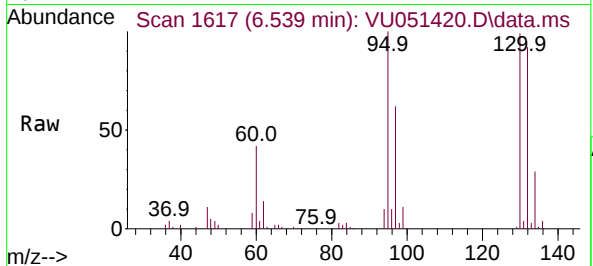




#34
Trichloroethene
Concen: 4.898 ug/L
RT: 6.539 min Scan# 1
Delta R.T. -0.000 min
Lab File: VU051420.D
Acq: 13 Oct 2022 20:22

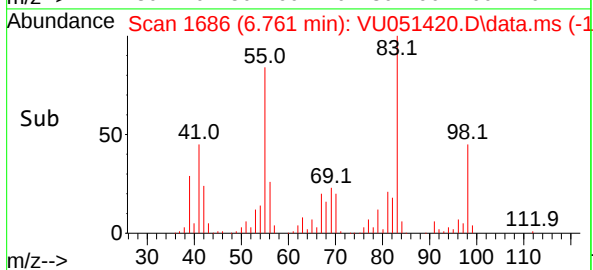
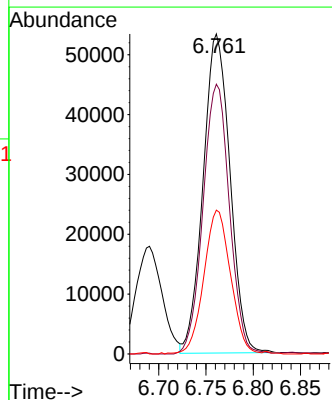
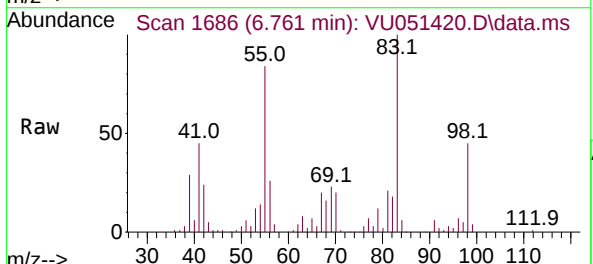
Instrument :
MSVOA_U
ClientSampleId :

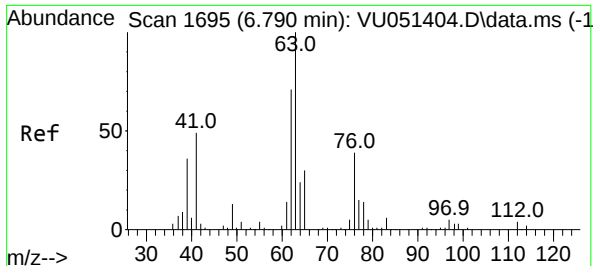
Tgt Ion: 95 Resp: 88211
Ion Ratio Lower Upper
95 100
97 62.3 45.4 84.2
132 92.1 63.1 117.3
130 98.5 65.7 121.9



#35
Methylcyclohexane
Concen: 4.638 ug/L
RT: 6.761 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VU051420.D
Acq: 13 Oct 2022 20:22

Tgt Ion: 83 Resp: 105384
Ion Ratio Lower Upper
83 100
55 83.2 65.8 98.6
98 44.7 35.9 53.9





#37

1,2-Dichloropropane

Concen: 5.352 ug/L

RT: 6.790 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU051420.D

Acq: 13 Oct 2022 20:22

Instrument :

MSVOA_U

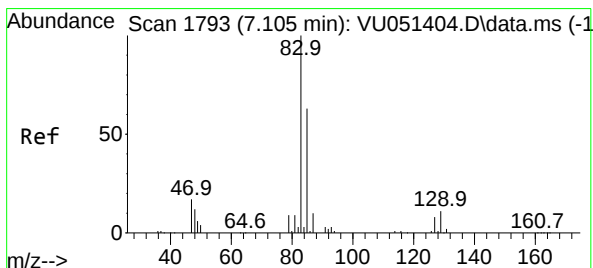
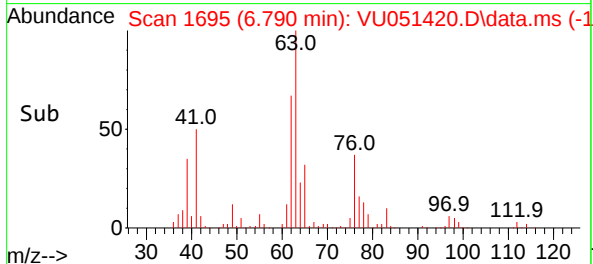
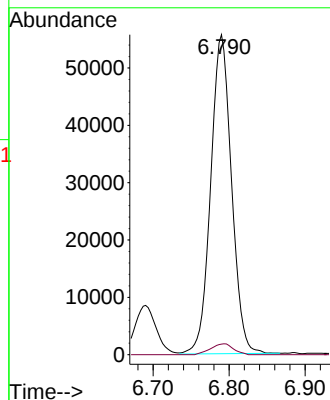
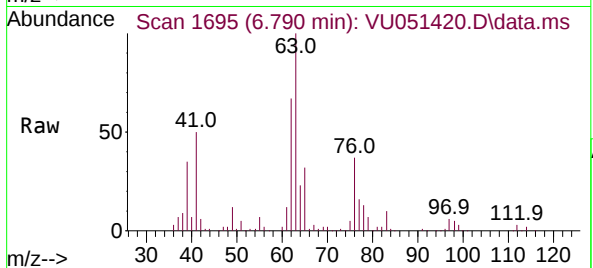
ClientSampleId :

Tgt Ion: 63 Resp: 105902

Ion Ratio Lower Upper

63 100

112 3.7 3.2 4.8



#38

Bromodichloromethane

Concen: 5.290 ug/L

RT: 7.105 min Scan# 1793

Delta R.T. -0.000 min

Lab File: VU051420.D

Acq: 13 Oct 2022 20:22

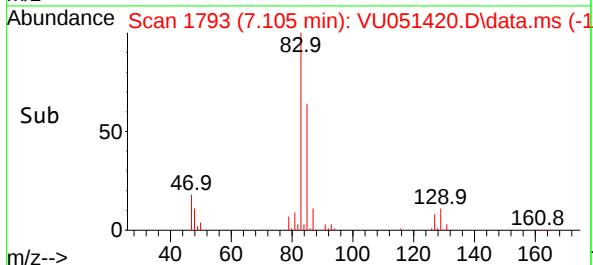
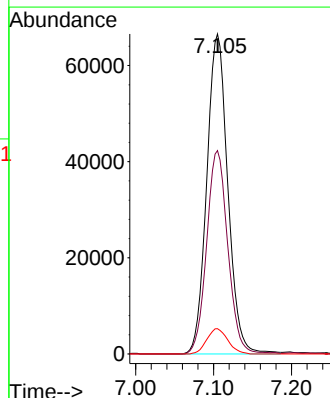
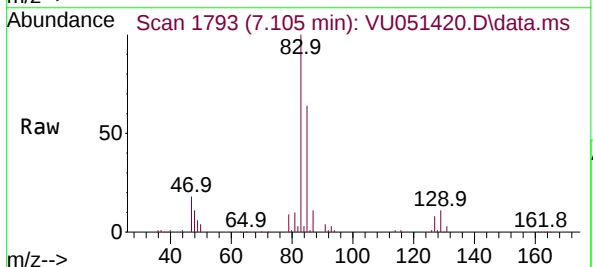
Tgt Ion: 83 Resp: 124870

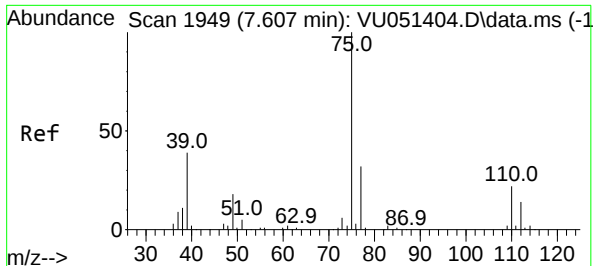
Ion Ratio Lower Upper

83 100

85 63.6 44.8 83.2

127 7.9 7.0 10.6





#39

cis-1,3-Dichloropropene

Concen: 4.923 ug/L

RT: 7.607 min Scan# 1949

Delta R.T. -0.000 min

Lab File: VU051420.D

Acq: 13 Oct 2022 20:22

Instrument :

MSVOA_U

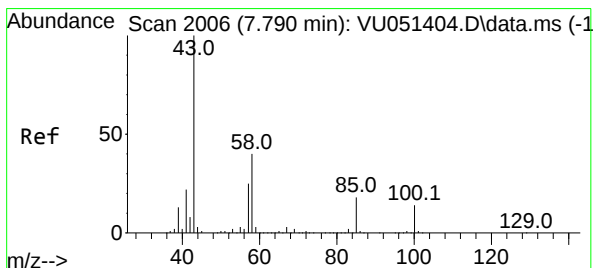
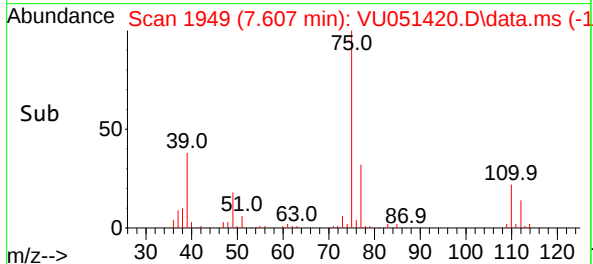
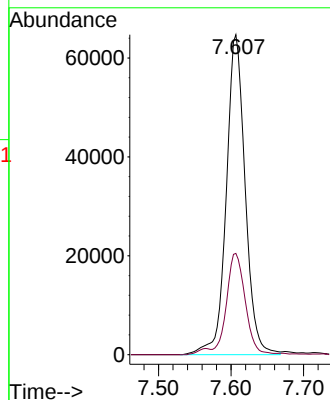
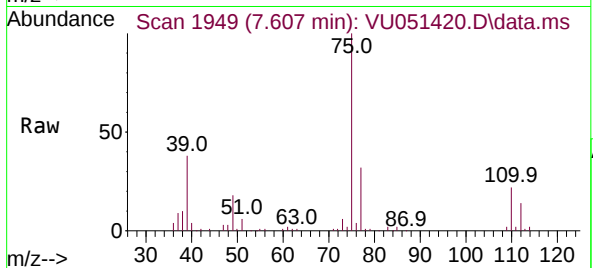
ClientSampleId :

Tgt Ion: 75 Resp: 117096

Ion Ratio Lower Upper

75 100

77 31.7 22.0 41.0



#40

4-Methyl-2-pentanone

Concen: 56.528 ug/L

RT: 7.793 min Scan# 2007

Delta R.T. 0.003 min

Lab File: VU051420.D

Acq: 13 Oct 2022 20:22

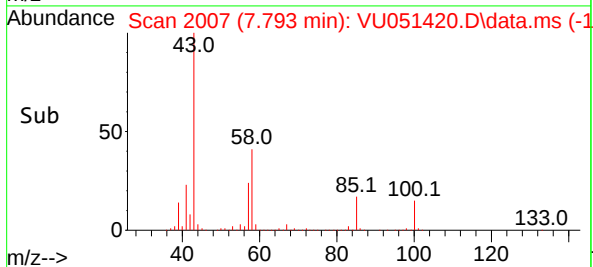
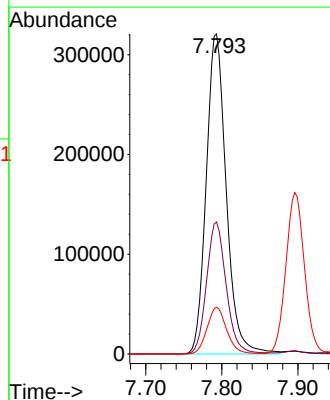
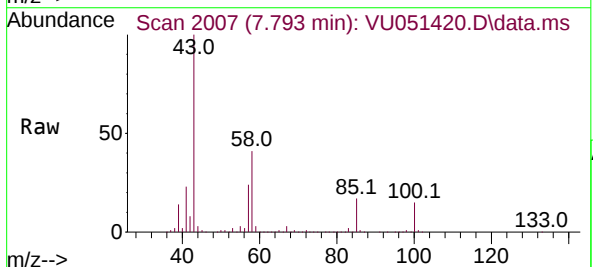
Tgt Ion: 43 Resp: 586848

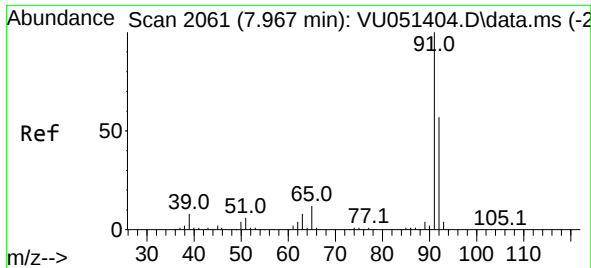
Ion Ratio Lower Upper

43 100

58 40.4 33.0 49.6

100 14.4 11.8 17.6





#42

Toluene

Concen: 5.143 ug/L

RT: 7.967 min Scan# 2061

Delta R.T. -0.000 min

Lab File: VU051420.D

Acq: 13 Oct 2022 20:22

Instrument :

MSVOA_U

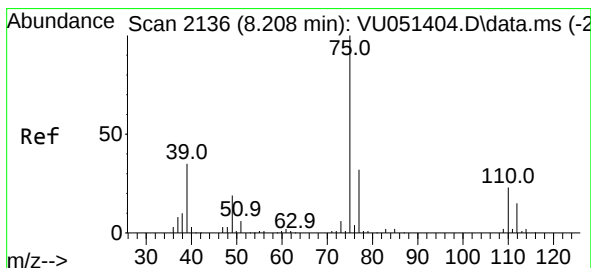
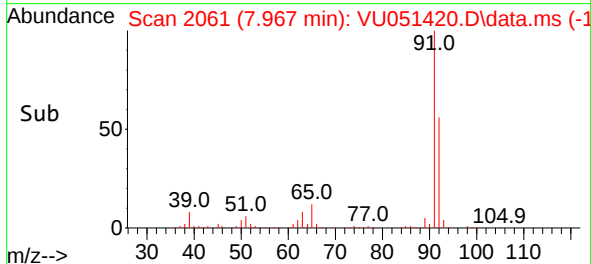
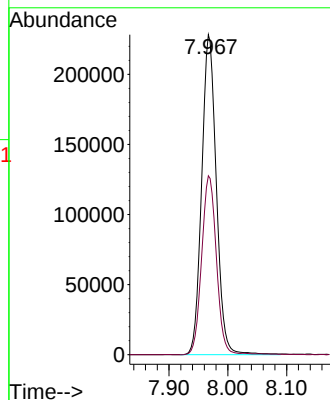
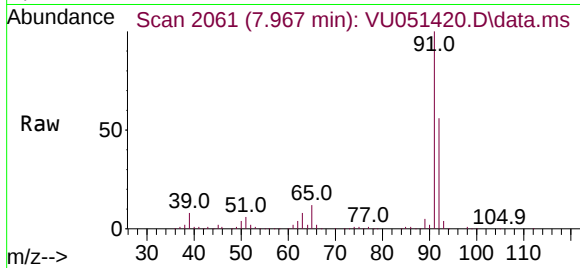
ClientSampleId :

Tgt Ion: 91 Resp: 394094

Ion Ratio Lower Upper

91 100

92 55.9 39.9 74.1



#44

trans-1,3-Dichloropropene

Concen: 5.162 ug/L

RT: 8.208 min Scan# 2136

Delta R.T. -0.000 min

Lab File: VU051420.D

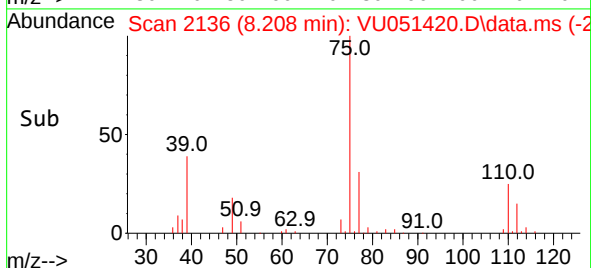
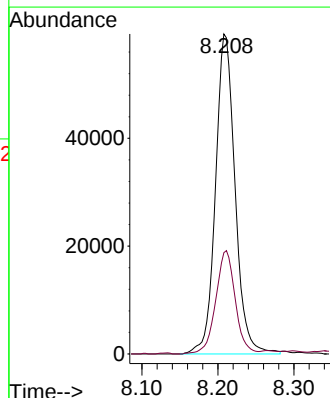
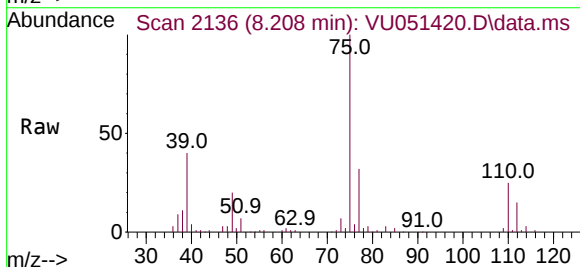
Acq: 13 Oct 2022 20:22

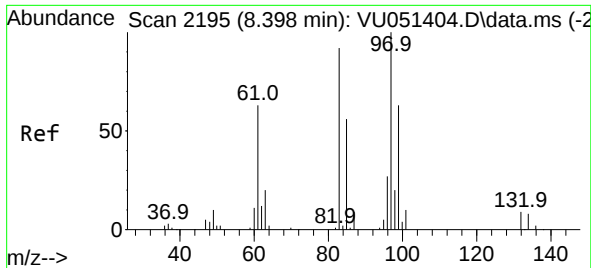
Tgt Ion: 75 Resp: 106165

Ion Ratio Lower Upper

75 100

77 31.7 21.8 40.6

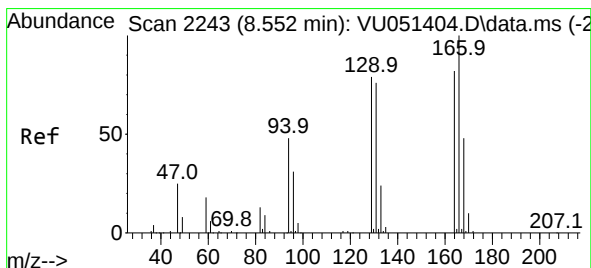
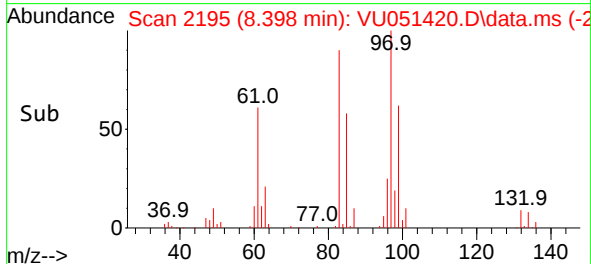
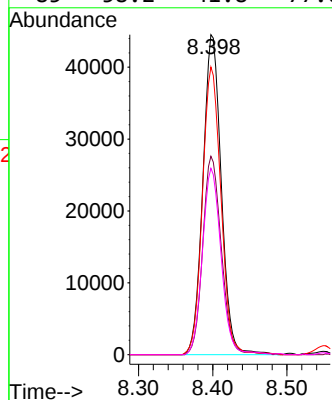
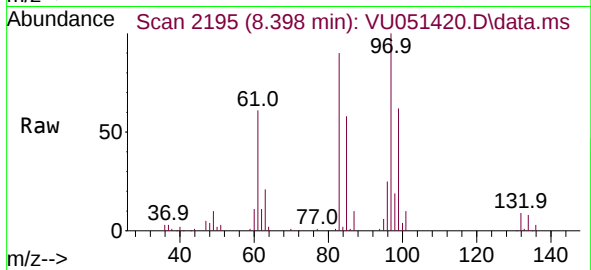




#45
1,1,2-Trichloroethane
Concen: 5.513 ug/L
RT: 8.398 min Scan# 2195
Delta R.T. -0.000 min
Lab File: VU051420.D
Acq: 13 Oct 2022 20:22

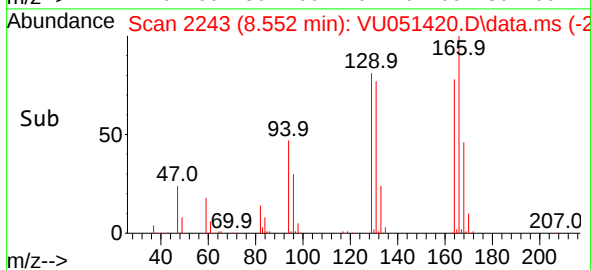
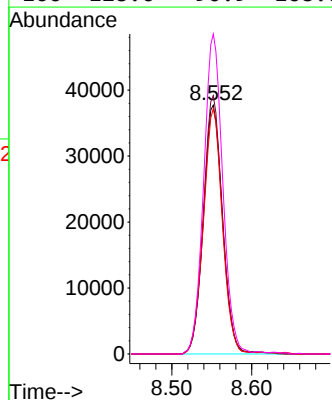
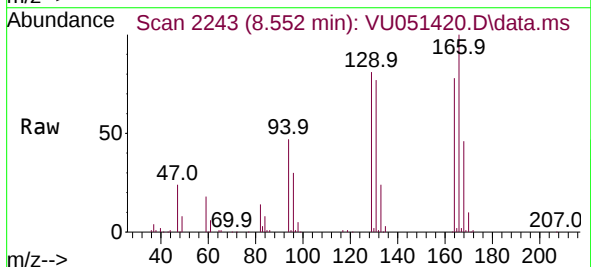
Instrument :
MSVOA_U
ClientSampleId :

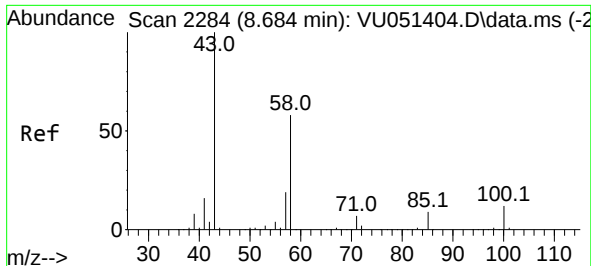
Tgt Ion:	97	Resp:	76596
Ion	Ratio	Lower	Upper
97	100		
99	62.0	45.3	84.1
83	89.9	63.1	117.1
85	58.2	41.8	77.6



#47
Tetrachloroethene
Concen: 4.809 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. -0.000 min
Lab File: VU051420.D
Acq: 13 Oct 2022 20:22

Tgt Ion:	164	Resp:	63675
Ion	Ratio	Lower	Upper
164	100		
129	103.9	71.3	132.3
131	98.6	66.9	124.3
166	128.6	90.9	168.7



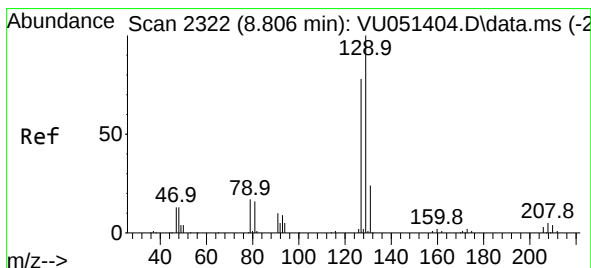
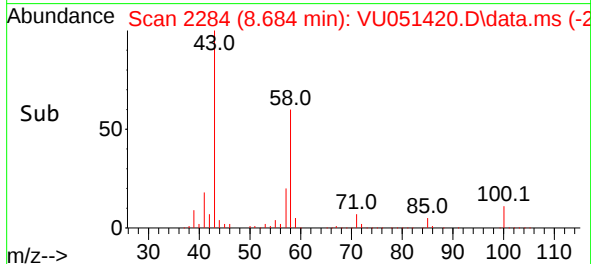
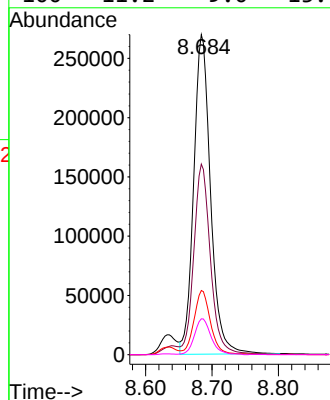
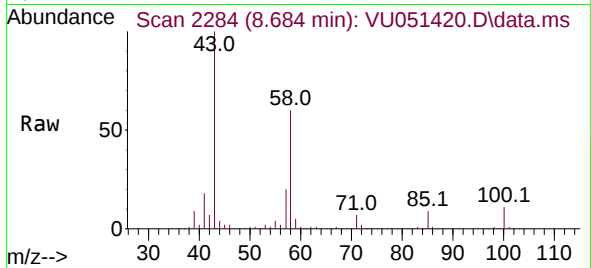


#48
2-Hexanone
Concen: 61.593 ug/L
RT: 8.684 min Scan# 211
Delta R.T. -0.000 min
Lab File: VU051420.D
Acq: 13 Oct 2022 20:22

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 43 Resp: 476111

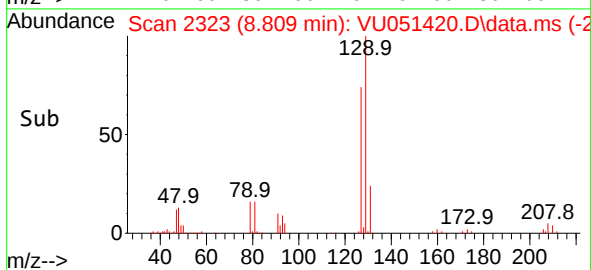
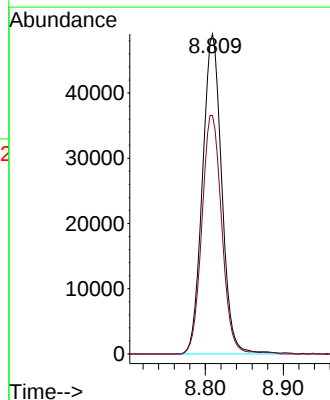
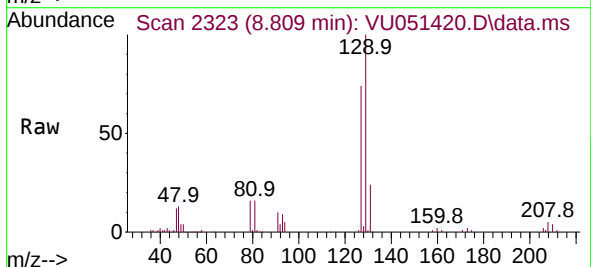
Ion	Ratio	Lower	Upper
43	100		
58	58.8	48.2	72.2
57	19.7	15.5	23.3
100	11.2	9.0	13.4

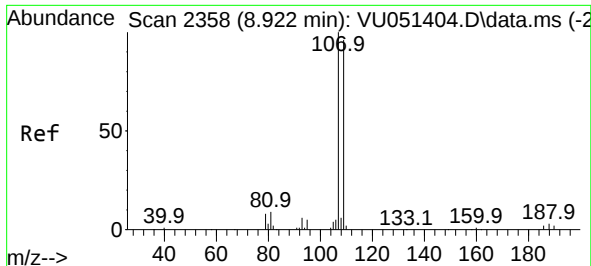


#49
Dibromochloromethane
Concen: 5.390 ug/L
RT: 8.809 min Scan# 2323
Delta R.T. 0.003 min
Lab File: VU051420.D
Acq: 13 Oct 2022 20:22

Tgt Ion: 129 Resp: 84082

Ion	Ratio	Lower	Upper
129	100		
127	74.5	53.5	99.3





#50

1,2-Dibromoethane

Concen: 5.366 ug/L

RT: 8.922 min Scan# 2358

Delta R.T. -0.000 min

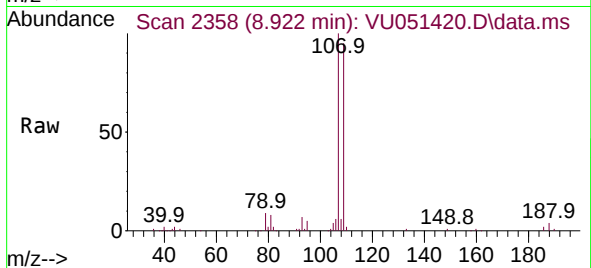
Lab File: VU051420.D

Acq: 13 Oct 2022 20:22

Instrument :

MSVOA_U

ClientSampleId :



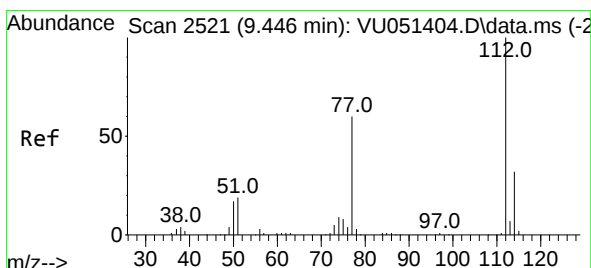
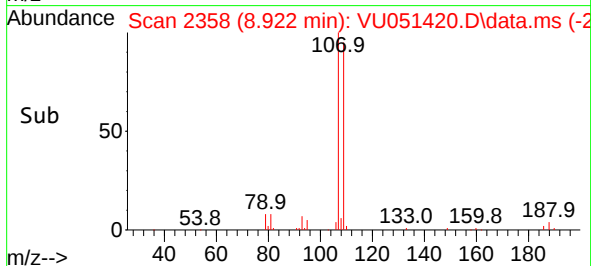
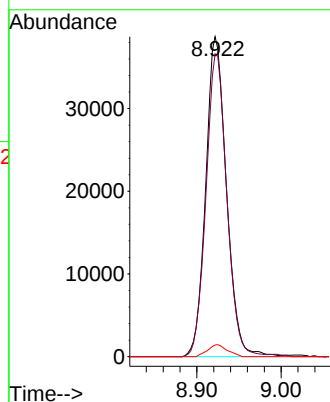
Tgt Ion:107 Resp: 66361

Ion Ratio Lower Upper

107 100

109 94.6 67.1 124.7

188 3.7 2.5 3.7



#51

Chlorobenzene

Concen: 4.976 ug/L

RT: 9.446 min Scan# 2521

Delta R.T. -0.000 min

Lab File: VU051420.D

Acq: 13 Oct 2022 20:22

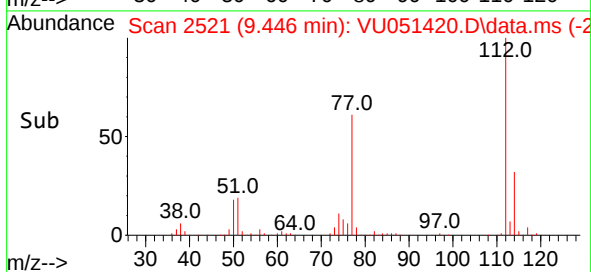
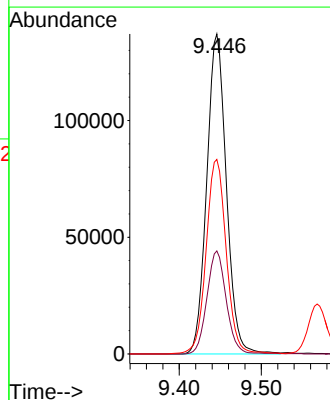
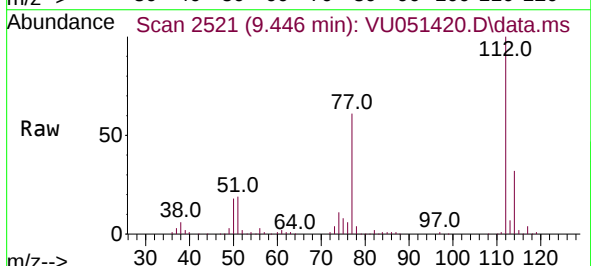
Tgt Ion:112 Resp: 227852

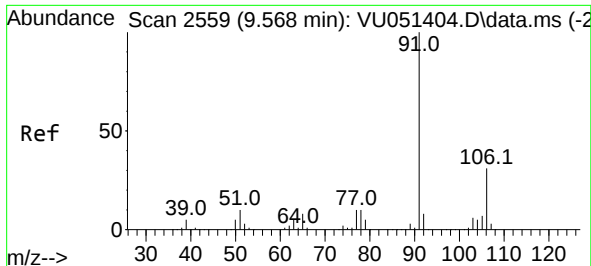
Ion Ratio Lower Upper

112 100

114 32.2 22.3 41.5

77 60.8 48.1 72.1

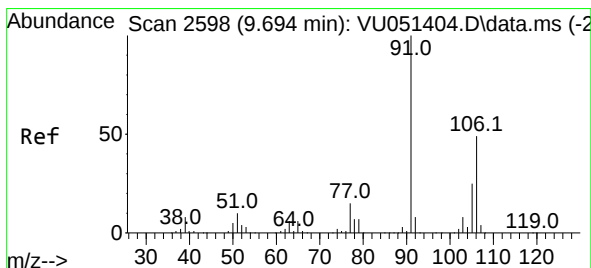
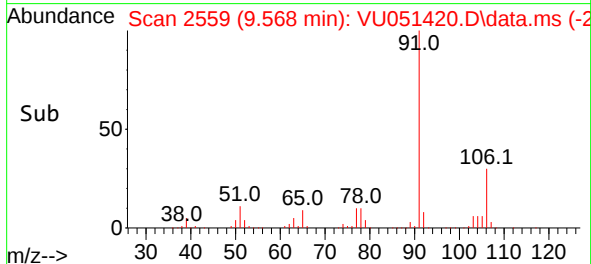
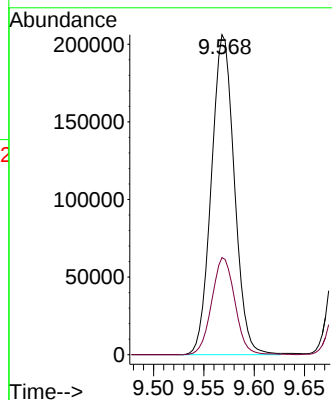
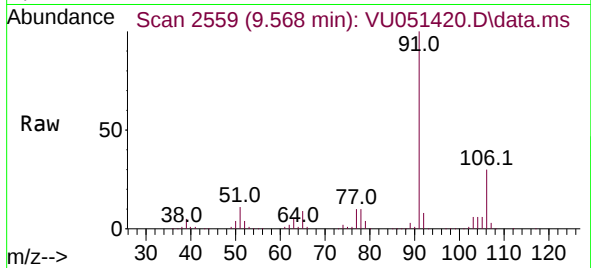




#52
Ethylbenzene
Concen: 4.762 ug/L
RT: 9.568 min Scan# 2559
Delta R.T. -0.000 min
Lab File: VU051420.D
Acq: 13 Oct 2022 20:22

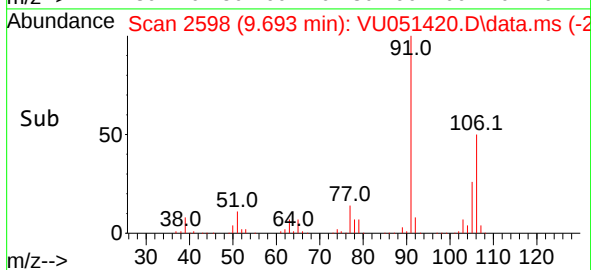
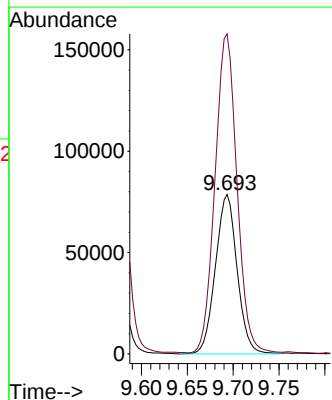
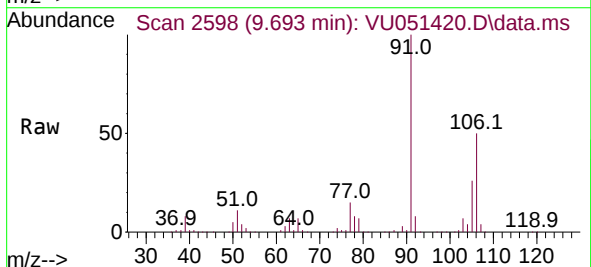
Instrument :
MSVOA_U
ClientSampleId :

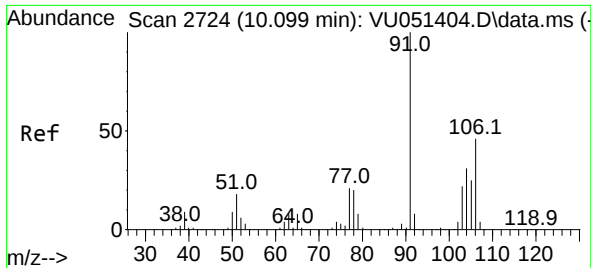
Tgt Ion: 91 Resp: 327960
Ion Ratio Lower Upper
91 100
106 30.3 20.9 38.7



#53
m,p-Xylene
Concen: 4.853 ug/L
RT: 9.693 min Scan# 2598
Delta R.T. -0.000 min
Lab File: VU051420.D
Acq: 13 Oct 2022 20:22

Tgt Ion: 106 Resp: 129616
Ion Ratio Lower Upper
106 100
91 200.6 143.9 267.3

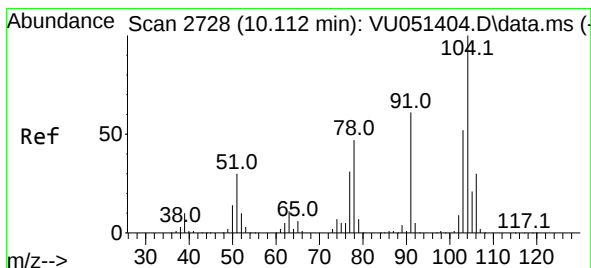
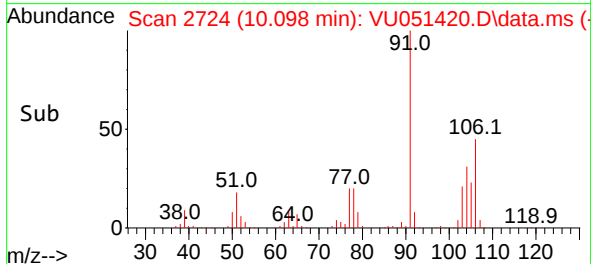
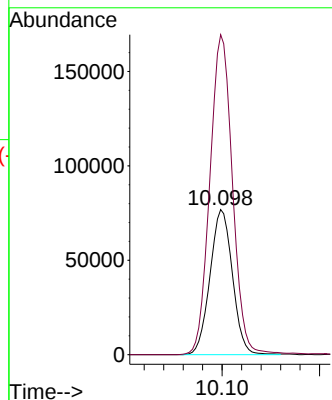
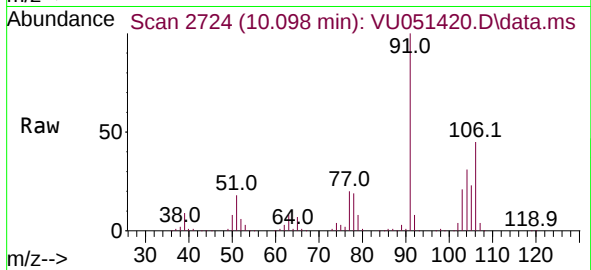




#54
o-Xylene
Concen: 4.868 ug/L
RT: 10.098 min Scan# 2724
Delta R.T. -0.000 min
Lab File: VU051420.D
Acq: 13 Oct 2022 20:22

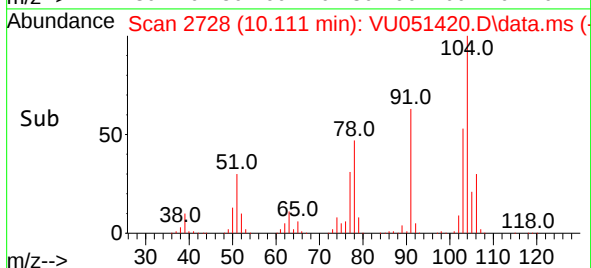
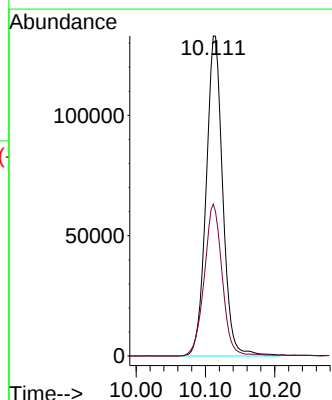
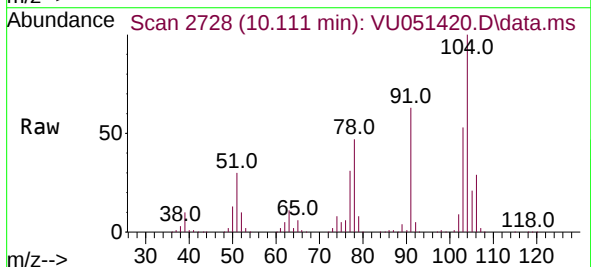
Instrument :
MSVOA_U
ClientSampleId :

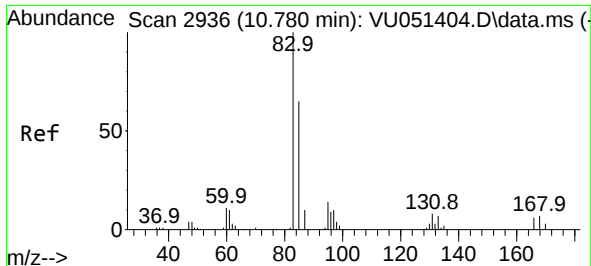
Tgt Ion:106 Resp: 123015
Ion Ratio Lower Upper
106 100
91 220.6 154.4 286.8



#55
Styrene
Concen: 5.088 ug/L
RT: 10.111 min Scan# 2728
Delta R.T. -0.000 min
Lab File: VU051420.D
Acq: 13 Oct 2022 20:22

Tgt Ion:104 Resp: 221341
Ion Ratio Lower Upper
104 100
78 47.5 32.1 59.7





#57

1,1,2,2-Tetrachloroethane

Concen: 5.703 ug/L

RT: 10.780 min Scan# 2936

Delta R.T. -0.000 min

Lab File: VU051420.D

Acq: 13 Oct 2022 20:22

Instrument :

MSVOA_U

ClientSampleId :

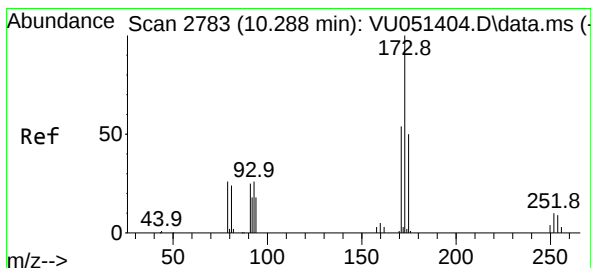
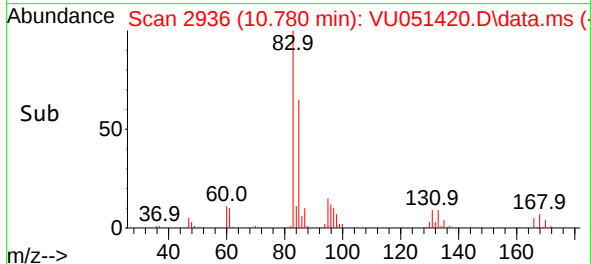
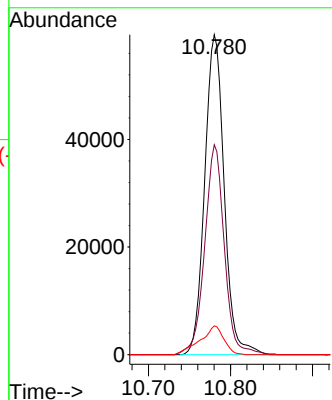
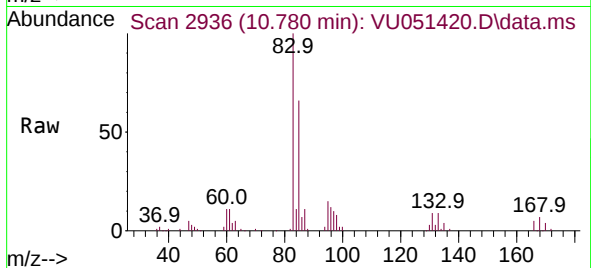
Tgt Ion: 83 Resp: 98072

Ion Ratio Lower Upper

83 100

85 65.6 45.9 85.3

131 9.0 7.4 11.2



#59

Bromoform

Concen: 5.314 ug/L

RT: 10.288 min Scan# 2783

Delta R.T. -0.000 min

Lab File: VU051420.D

Acq: 13 Oct 2022 20:22

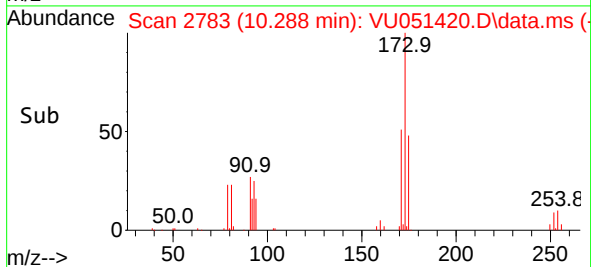
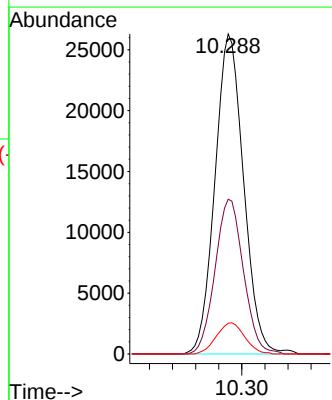
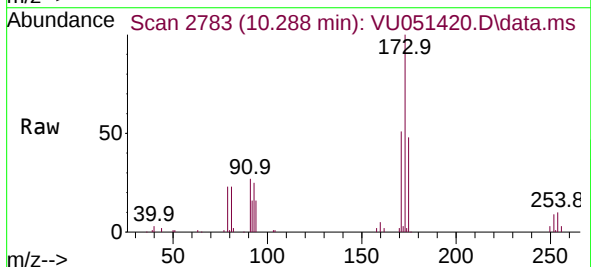
Tgt Ion: 173 Resp: 45135

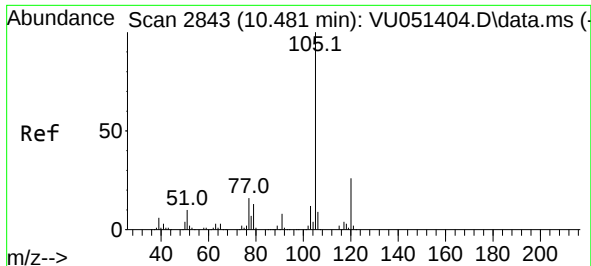
Ion Ratio Lower Upper

173 100

175 48.0 39.0 58.4

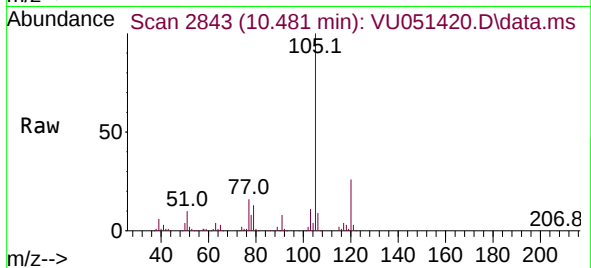
254 9.6 7.5 11.3



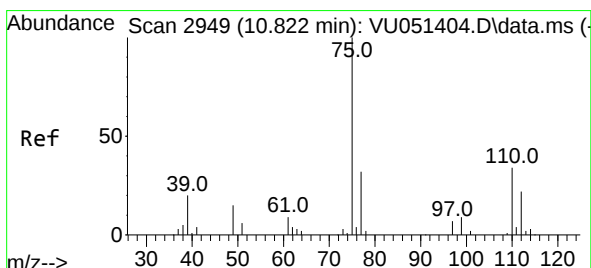
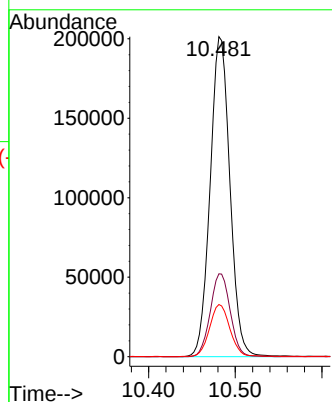
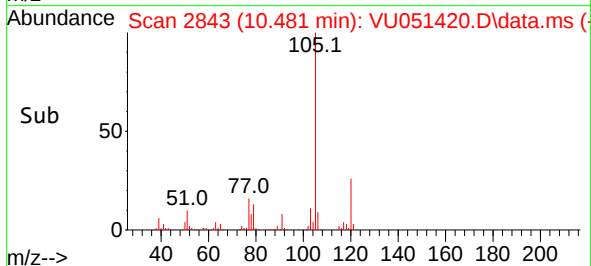


#60
Isopropylbenzene
Concen: 4.939 ug/L
RT: 10.481 min Scan# 2843
Delta R.T. -0.000 min
Lab File: VU051420.D
Acq: 13 Oct 2022 20:22

Instrument :
MSVOA_U
ClientSampleId :

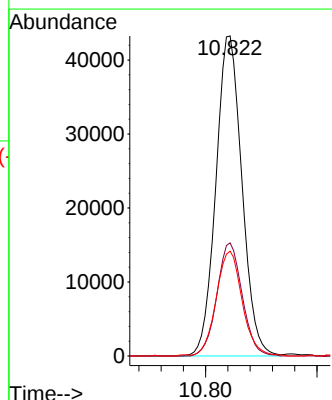
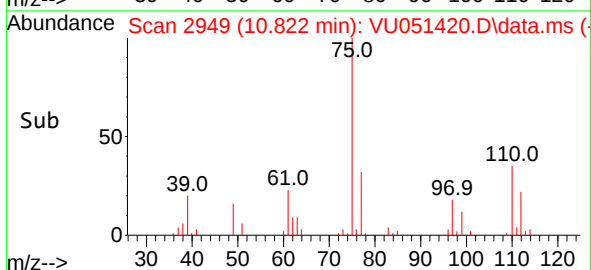
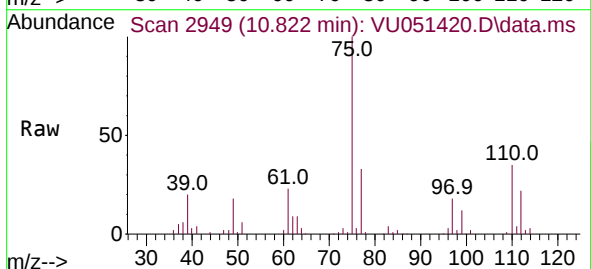


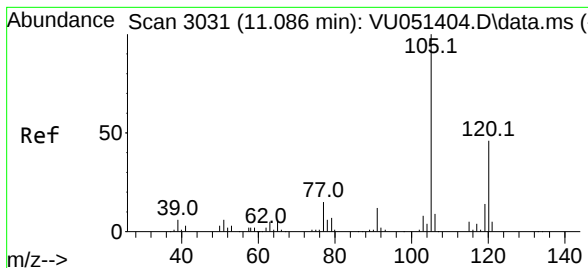
Tgt Ion:105 Resp: 319336
Ion Ratio Lower Upper
105 100
120 26.1 20.6 30.8
77 16.9 13.5 20.3



#61
1,2,3-Trichloropropane
Concen: 5.456 ug/L
RT: 10.822 min Scan# 2949
Delta R.T. -0.000 min
Lab File: VU051420.D
Acq: 13 Oct 2022 20:22

Tgt Ion: 75 Resp: 70328
Ion Ratio Lower Upper
75 100
110 34.2 27.0 40.6
77 32.9 26.4 39.6





#62

1,3,5-Trimethylbenzene

Concen: 4.432 ug/L

RT: 11.086 min Scan# 3031

Delta R.T. -0.000 min

Lab File: VU051420.D

Acq: 13 Oct 2022 20:22

Instrument :

MSVOA_U

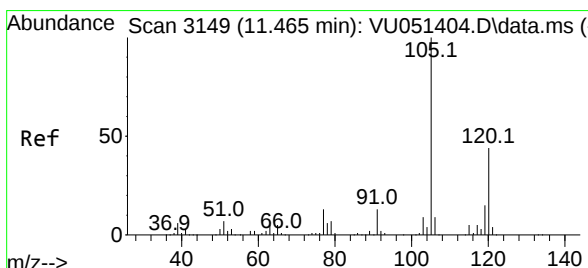
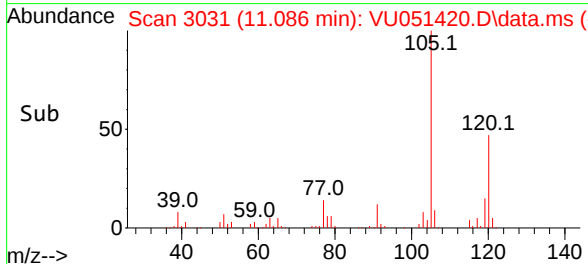
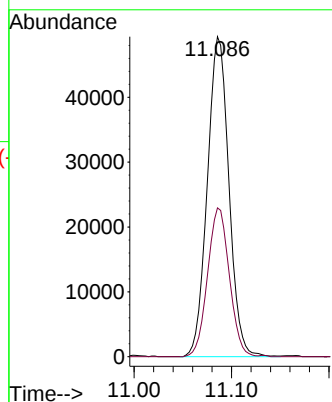
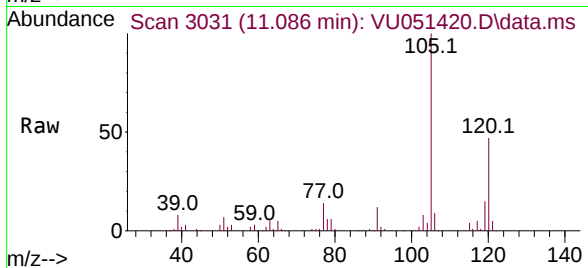
ClientSampleId :

Tgt Ion:105 Resp: 76014

Ion Ratio Lower Upper

105 100

120 46.9 37.7 56.5



#63

1,2,4-Trimethylbenzene

Concen: 4.309 ug/L

RT: 11.468 min Scan# 3150

Delta R.T. 0.003 min

Lab File: VU051420.D

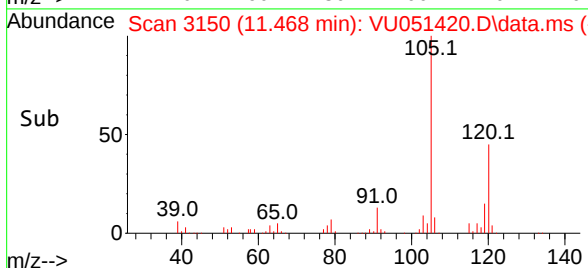
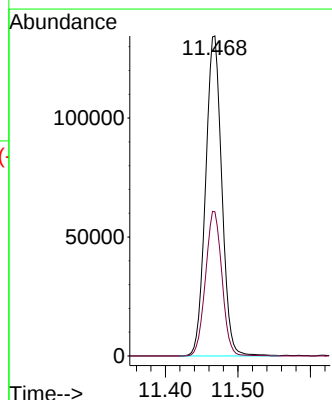
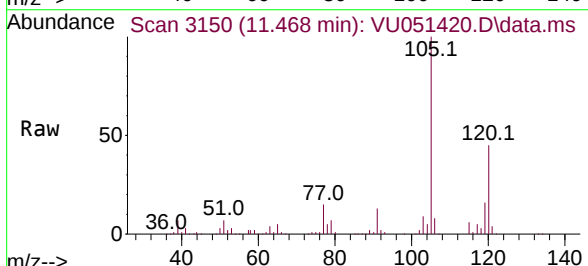
Acq: 13 Oct 2022 20:22

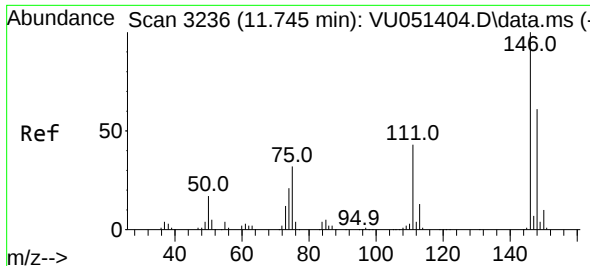
Tgt Ion:105 Resp: 209015

Ion Ratio Lower Upper

105 100

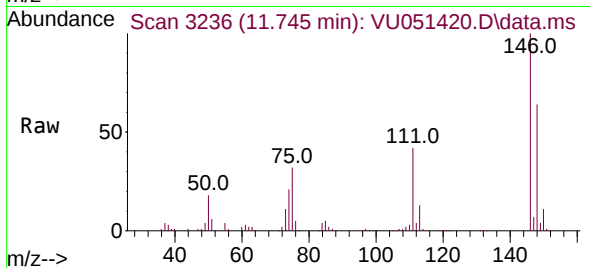
120 45.7 35.6 53.4



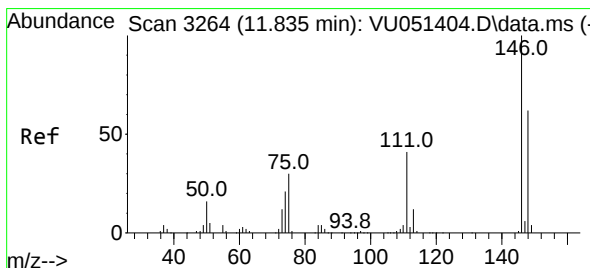
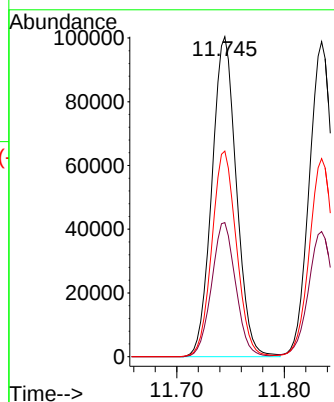
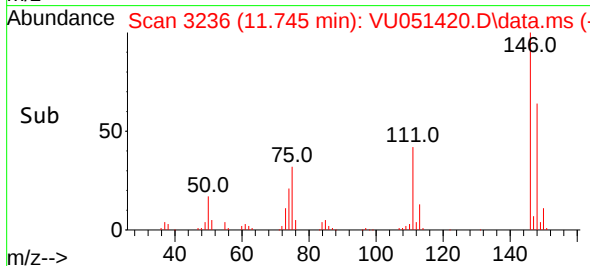


#64
1,3-Dichlorobenzene
Concen: 4.964 ug/L
RT: 11.745 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU051420.D
Acq: 13 Oct 2022 20:22

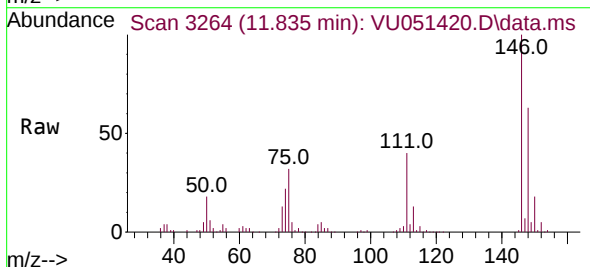
Instrument :
MSVOA_U
ClientSampleId :



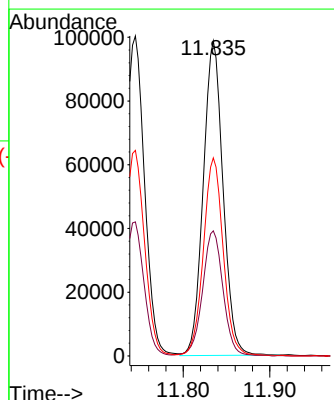
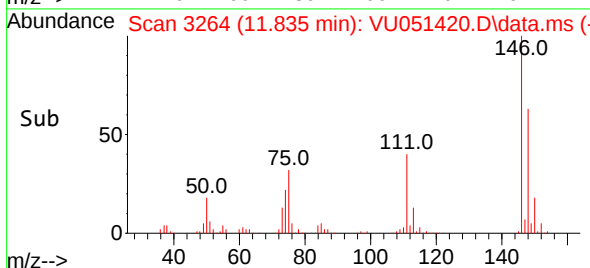
Tgt Ion:146 Resp: 158769
Ion Ratio Lower Upper
146 100
111 41.9 28.3 52.7
148 64.2 43.8 81.4

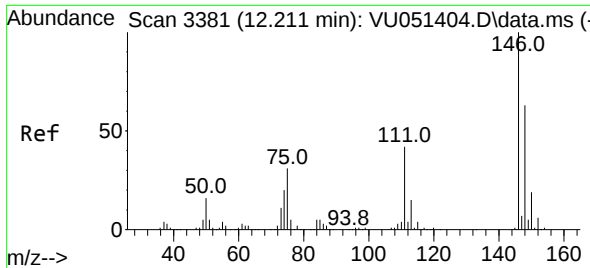


#65
1,4-Dichlorobenzene
Concen: 4.975 ug/L
RT: 11.835 min Scan# 3264
Delta R.T. -0.000 min
Lab File: VU051420.D
Acq: 13 Oct 2022 20:22



Tgt Ion:146 Resp: 156837
Ion Ratio Lower Upper
146 100
111 39.7 29.1 54.1
148 62.9 44.2 82.0





#67

1,2-Dichlorobenzene

Concen: 5.146 ug/L

RT: 12.211 min Scan# 3381

Delta R.T. -0.000 min

Lab File: VU051420.D

Acq: 13 Oct 2022 20:22

Instrument :

MSVOA_U

ClientSampleId :

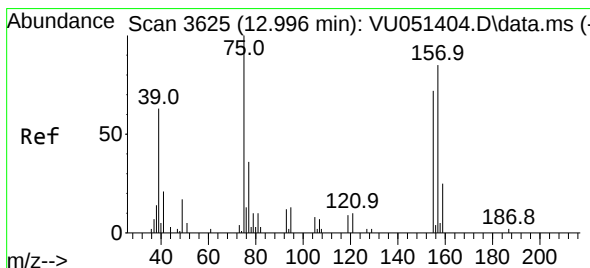
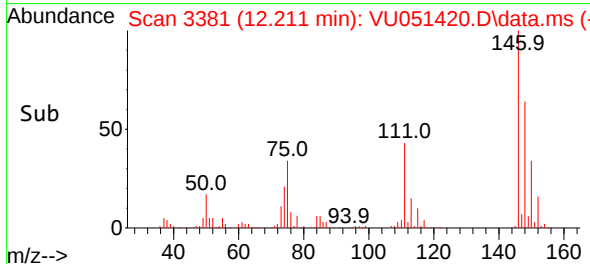
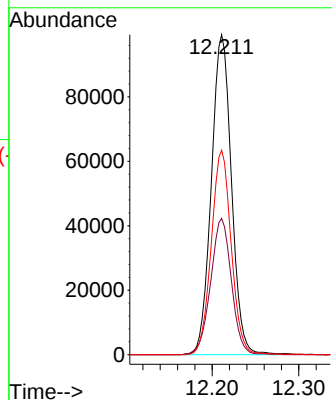
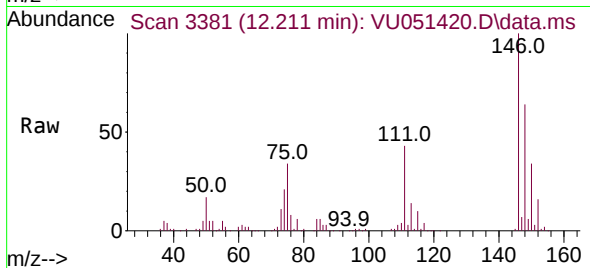
Tgt Ion:146 Resp: 160011

Ion Ratio Lower Upper

146 100

111 42.6 35.5 53.3

148 63.9 50.9 76.3



#68

1,2-Dibromo-3-chloropropane

Concen: 5.804 ug/L

RT: 12.995 min Scan# 3625

Delta R.T. -0.000 min

Lab File: VU051420.D

Acq: 13 Oct 2022 20:22

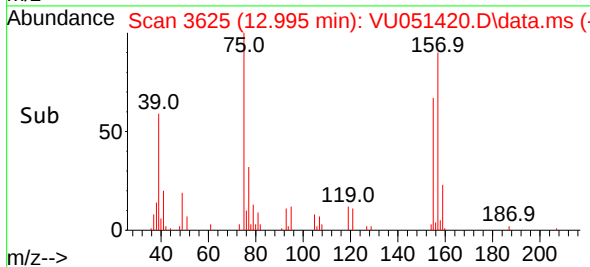
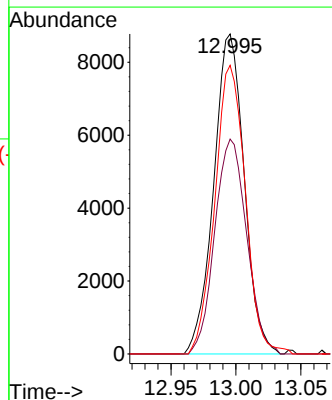
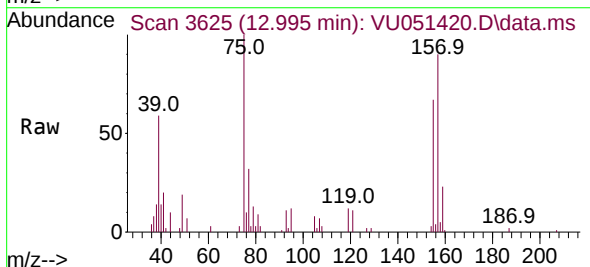
Tgt Ion: 75 Resp: 14312

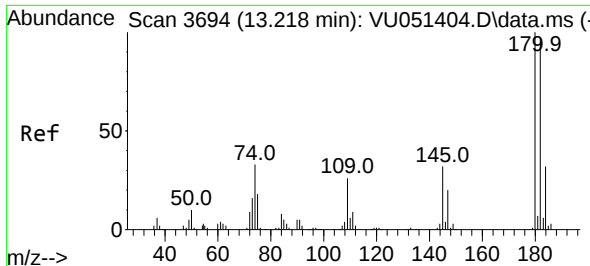
Ion Ratio Lower Upper

75 100

155 67.2 62.7 94.1

157 90.2 78.3 117.5





#69

1,3,5-Trichlorobenzene

Concen: 4.652 ug/L

RT: 13.217 min Scan# 3694

Delta R.T. -0.000 min

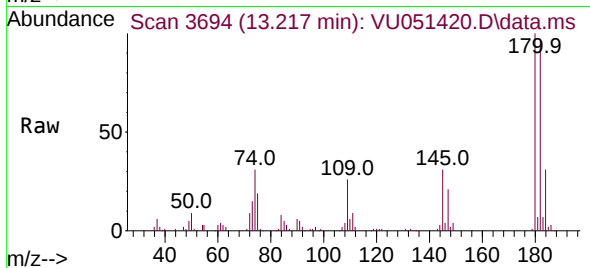
Lab File: VU051420.D

Acq: 13 Oct 2022 20:22

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:180 Resp: 102550

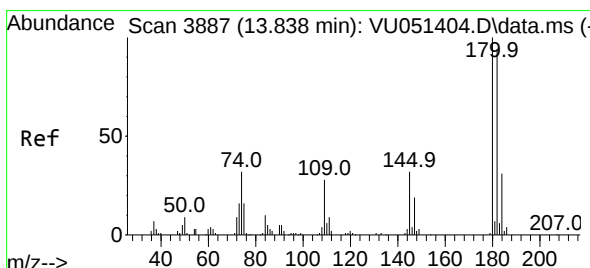
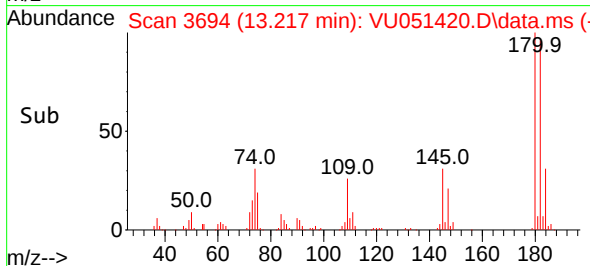
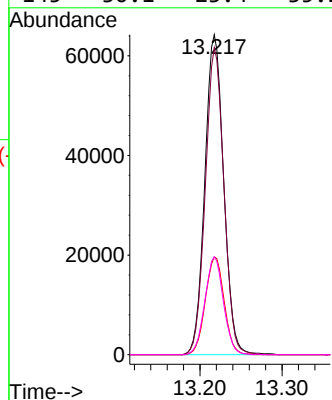
Ion Ratio Lower Upper

180 100

182 94.4 77.7 116.5

184 30.5 23.6 35.4

145 30.1 23.4 35.2



#70

1,2,4-trichlorobenzene

Concen: 4.503 ug/L

RT: 13.838 min Scan# 3887

Delta R.T. -0.000 min

Lab File: VU051420.D

Acq: 13 Oct 2022 20:22

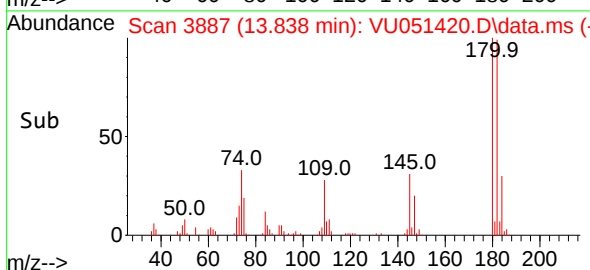
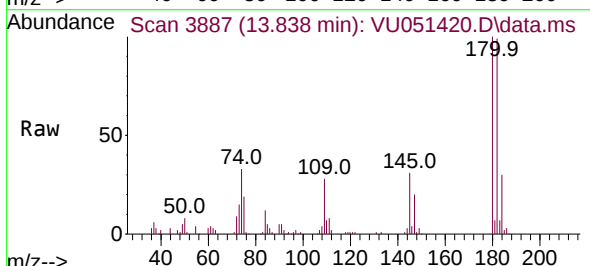
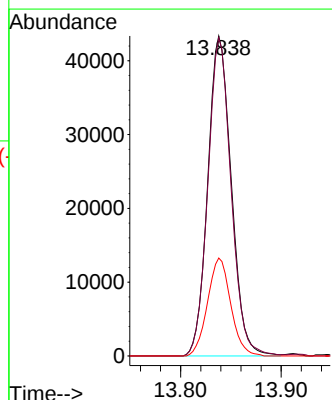
Tgt Ion:180 Resp: 70563

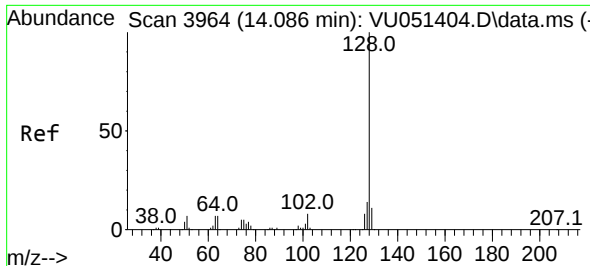
Ion Ratio Lower Upper

180 100

182 98.1 78.7 118.1

145 30.1 25.0 37.4

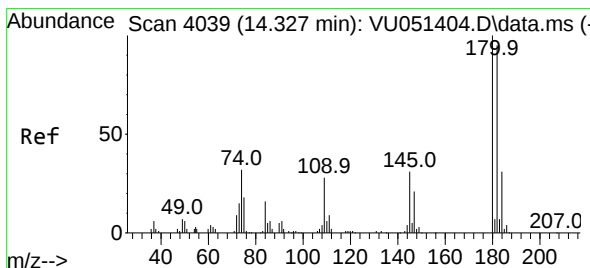
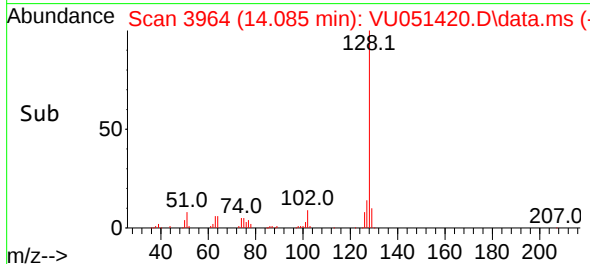
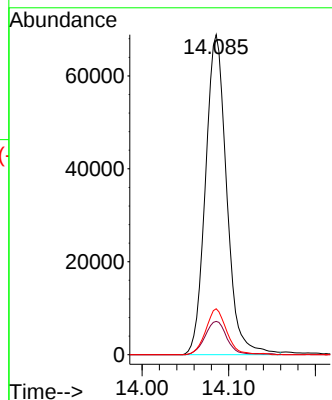
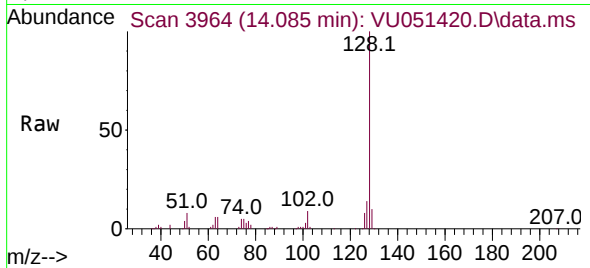




#71
Naphthalene
Concen: 4.021 ug/L
RT: 14.085 min Scan# 3964
Delta R.T. -0.000 min
Lab File: VU051420.D
Acq: 13 Oct 2022 20:22

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:128 Resp: 117125
Ion Ratio Lower Upper
128 100
129 10.6 8.5 12.7
127 14.0 11.1 16.7



#72
1,2,3-Trichlorobenzene
Concen: 4.583 ug/L
RT: 14.327 min Scan# 4039
Delta R.T. -0.000 min
Lab File: VU051420.D
Acq: 13 Oct 2022 20:22

Tgt Ion:180 Resp: 74285
Ion Ratio Lower Upper
180 100
182 95.0 76.6 114.8
145 33.6 25.8 38.8

