

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\U090822\
 Data File : U050682.D
 Acq On : 08 Sep 2022 13:25
 Operator : SY/MD
 Sample : N4475-03MS
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 08 22:54:36 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM090222WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Sep 08 22:51:50 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	239158	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	248337	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	118954	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	63528	31.057	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	62.120%
7) Chloroethane-d5	1.896	69	50062	36.191	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	72.380%
11) 1,1-Dichloroethene-d2	2.562	63	127153	35.176	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	70.360%
21) 2-Butanone-d5	4.620	46	162136	108.338	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	108.340%
24) Chloroform-d	5.060	84	190508	49.140	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.280%
26) 1,2-Dichloroethane-d4	5.700	65	124254	52.448	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.900%
32) Benzene-d6	5.726	84	350823	42.748	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.500%
36) 1,2-Dichloropropane-d6	6.690	67	120470	44.711	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	89.420%
41) Toluene-d8	7.896	98	310915	44.302	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.600%
43) trans-1,3-Dichloroprop...	8.179	79	52293	46.906	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.820%
47) 2-Hexanone-d5	8.632	63	69922	103.168	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	103.170%
56) 1,1,2,2-Tetrachloroeth...	10.755	84	211822	51.950	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	103.900%
66) 1,2-Dichlorobenzene-d4	12.192	152	123854	44.478	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.960%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.382	85	65238	28.400	ug/L	99
3) Chloromethane	1.520	50	101637	40.948	ug/L	96
5) Vinyl chloride	1.604	62	77316	33.062	ug/L	100
6) Bromomethane	1.835	94	49530	41.997	ug/L	98
8) Chloroethane	1.919	64	45531	36.658	ug/L	98
9) Trichlorofluoromethane	2.128	101	95768	33.613	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	52677	28.185	ug/L	97
12) 1,1-Dichloroethene	2.575	96	68316	37.619	ug/L	93
13) Acetone	2.623	43	123823	109.681	ug/L	100
14) Carbon disulfide	2.787	76	196693	36.525	ug/L	99
15) Methyl Acetate	2.945	43	92269	38.646	ug/L	96
16) Methylene chloride	3.041	84	114607	48.087	ug/L	93
17) trans-1,2-Dichloroethene	3.350	96	82866	43.031	ug/L	93
18) Methyl tert-butyl Ether	3.363	73	312630	52.360	ug/L	98
19) 1,1-Dichloroethane	3.864	63	170902	45.999	ug/L	99
20) cis-1,2-Dichloroethene	4.665	96	104882	48.271	ug/L	97
22) 2-Butanone	4.700	43	192988	109.297	ug/L	93
23) Bromochloromethane	4.970	128	60417	53.811	ug/L	92
25) Chloroform	5.086	83	193713	51.176	ug/L	99

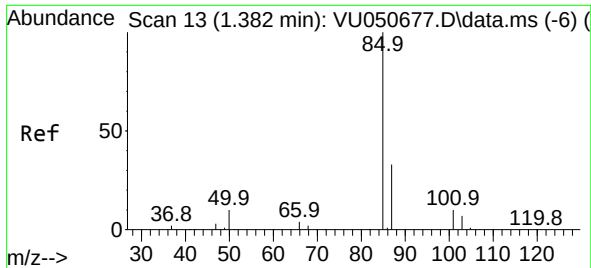
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090822\
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 QLast Update : Thu Sep 08 22:51:50 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.793	62	156097	55.640	ug/L	100
29) Cyclohexane	5.385	56	83605	25.138	ug/L	93
30) 1,1,1-Trichloroethane	5.314	97	140566	42.025	ug/L	99
31) Carbon tetrachloride	5.523	117	110424	40.294	ug/L	99
33) Benzene	5.771	78	400006	44.260	ug/L	100
34) Trichloroethene	6.539	95	109628	52.059	ug/L	98
35) Methylcyclohexane	6.761	83	81472	24.335	ug/L	98
37) 1,2-Dichloropropane	6.790	63	110218	46.170	ug/L #	94
38) Bromodichloromethane	7.105	83	149571	53.263	ug/L	97
39) cis-1,3-Dichloropropene	7.607	75	148473	45.948	ug/L	97
40) 4-Methyl-2-pentanone	7.790	43	337419	103.720	ug/L	98
42) Toluene	7.967	91	406464	44.275	ug/L	99
44) trans-1,3-Dichloropropene	8.208	75	144854	47.779	ug/L	100
45) 1,1,2-Trichloroethane	8.398	97	119783	52.233	ug/L	98
46) Tetrachloroethene	8.552	164	197688	128.528	ug/L	100
48) 2-Hexanone	8.684	43	322429	106.201	ug/L	99
49) Dibromochloromethane	8.809	129	121520	55.557	ug/L	99
50) 1,2-Dibromoethane	8.922	107	125333	53.740	ug/L	98
51) Chlorobenzene	9.446	112	260786	45.771	ug/L	97
52) Ethylbenzene	9.571	91	378695	41.757	ug/L	99
53) m,p-Xylene	9.693	106	146000	42.020	ug/L	98
54) o-Xylene	10.099	106	159036	45.975	ug/L	97
55) Styrene	10.115	104	272928	47.952	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.780	83	222666	54.511	ug/L	100
59) Bromoform	10.288	173	96550	54.401	ug/L	98
60) 1,2,3-Trichloropropane	10.822	75	176178	50.478	ug/L	99
61) Isopropylbenzene	10.484	105	347367	36.892	ug/L	99
62) 1,3,5-Trimethylbenzene	11.089	105	295385	36.695	ug/L	98
63) 1,2,4-Trimethylbenzene	11.468	105	298357	38.598	ug/L	100
64) 1,3-Dichlorobenzene	11.745	146	177561	42.858	ug/L	98
65) 1,4-Dichlorobenzene	11.835	146	176140	43.012	ug/L	98
67) 1,2-Dichlorobenzene	12.211	146	198696	45.031	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.996	75	48060	52.143	ug/L	96
69) 1,3,5-Trichlorobenzene	13.217	180	108194	35.985	ug/L	98
70) 1,2,4-trichlorobenzene	13.841	180	83731	32.797	ug/L	99
71) Naphthalene	14.089	128	306019	33.808	ug/L	99
72) 1,2,3-Trichlorobenzene	14.330	180	97772	35.365	ug/L	99

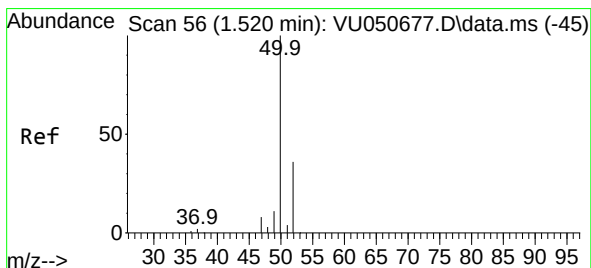
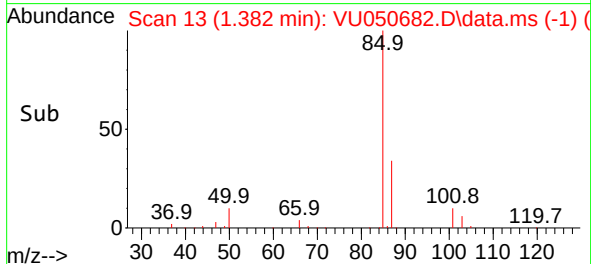
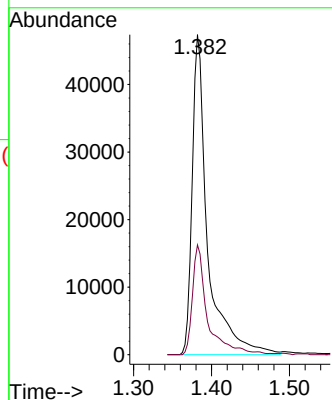
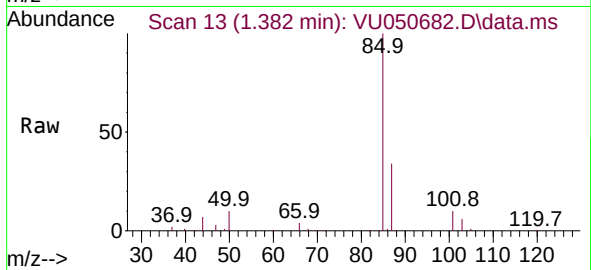
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#2
 Dichlorodifluoromethane
 Concen: 28.400 ug/L
 RT: 1.382 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VU050682.D
 Acq: 08 Sep 2022 13:25

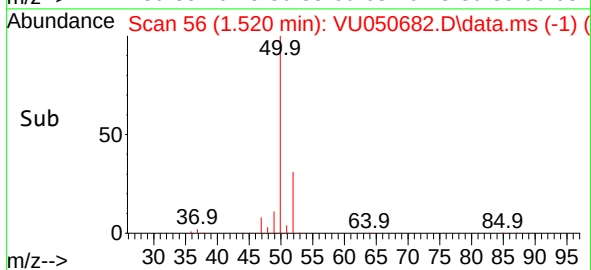
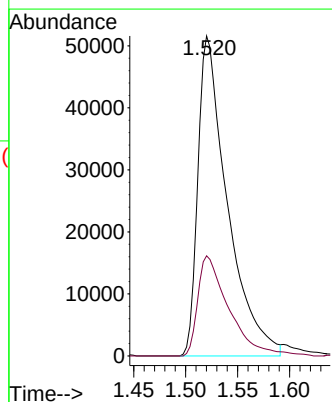
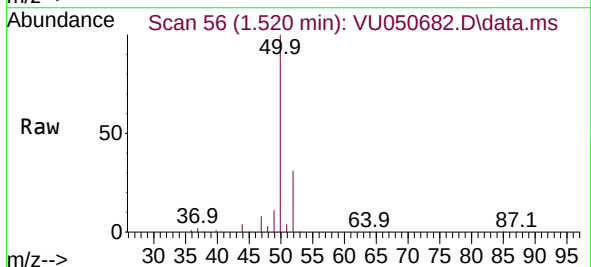
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 ClientSampleId :

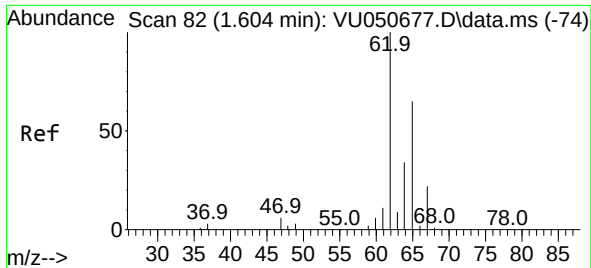
Tgt Ion: 85 Resp: 65238
 Ion Ratio Lower Upper
 85 100
 87 31.5 25.8 38.8



#3
 Chloromethane
 Concen: 40.948 ug/L
 RT: 1.520 min Scan# 56
 Delta R.T. 0.000 min
 Lab File: VU050682.D
 Acq: 08 Sep 2022 13:25

Tgt Ion: 50 Resp: 101637
 Ion Ratio Lower Upper
 50 100
 52 31.3 23.7 43.9

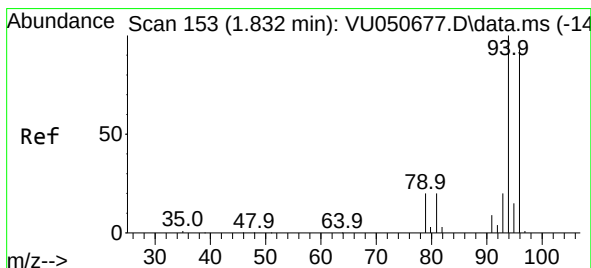
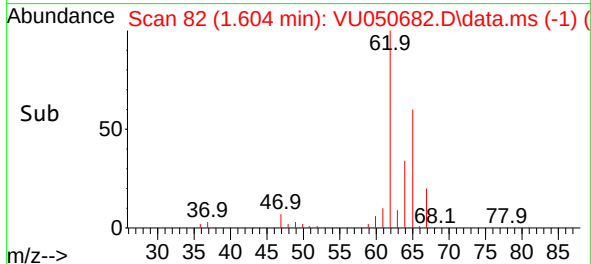
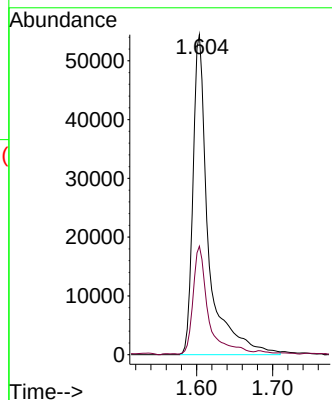
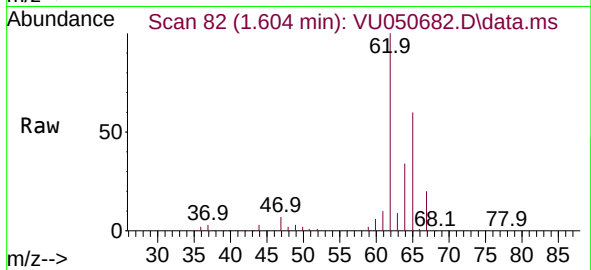




#5
 Vinyl chloride
 Concen: 33.062 ug/L
 RT: 1.604 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: VU050682.D
 Acq: 08 Sep 2022 13:25

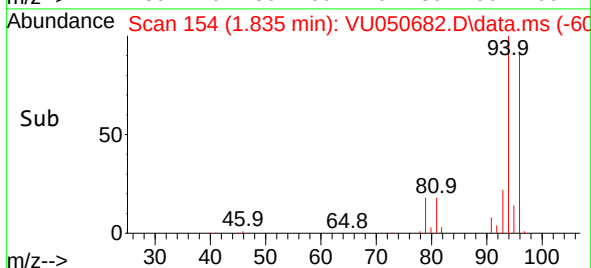
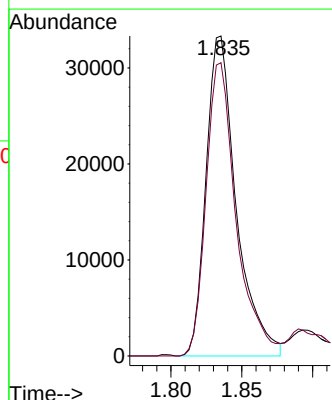
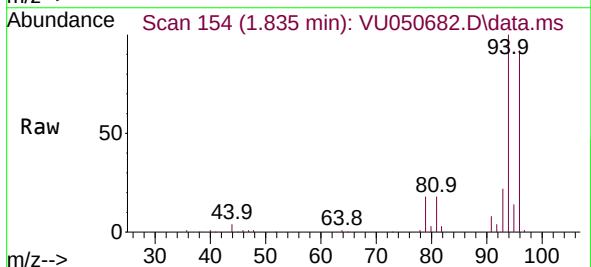
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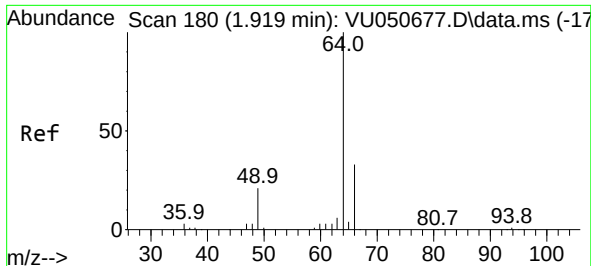
Tgt Ion: 62 Resp: 77316
 Ion Ratio Lower Upper
 62 100
 64 33.9 23.5 43.7



#6
 Bromomethane
 Concen: 41.997 ug/L
 RT: 1.835 min Scan# 154
 Delta R.T. 0.003 min
 Lab File: VU050682.D
 Acq: 08 Sep 2022 13:25

Tgt Ion: 94 Resp: 49530
 Ion Ratio Lower Upper
 94 100
 96 91.7 65.6 121.8

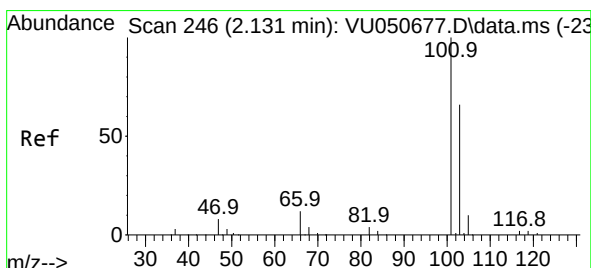
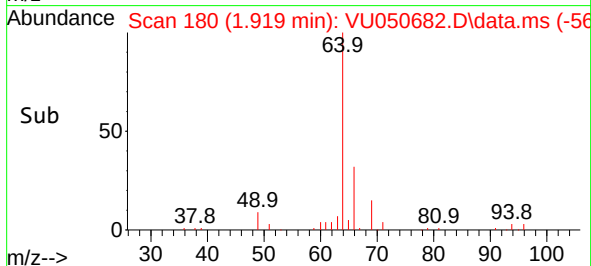
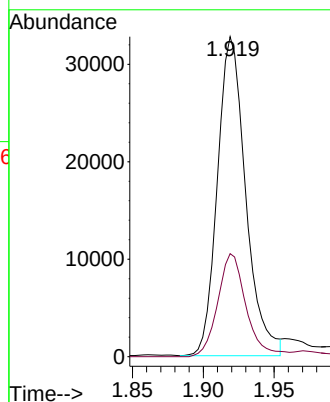
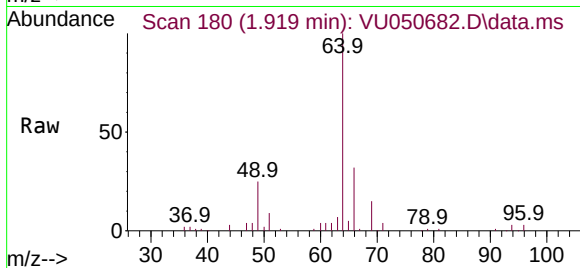




#8
Chloroethane
Concen: 36.658 ug/L
RT: 1.919 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU050682.D
Acq: 08 Sep 2022 13:25

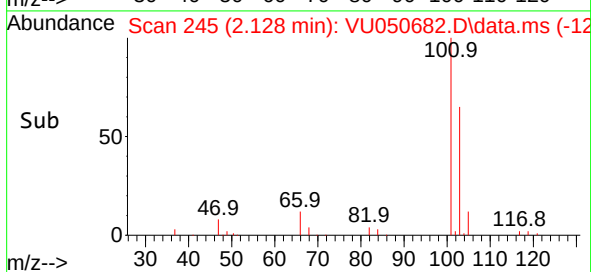
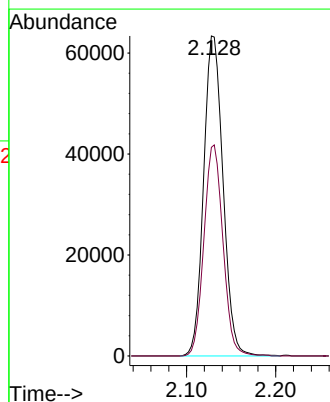
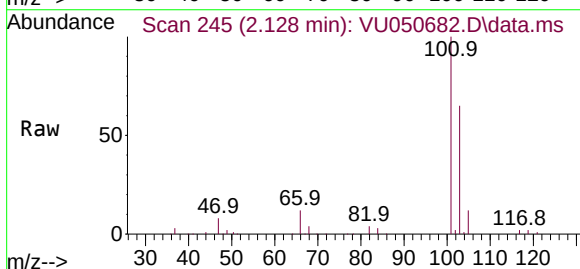
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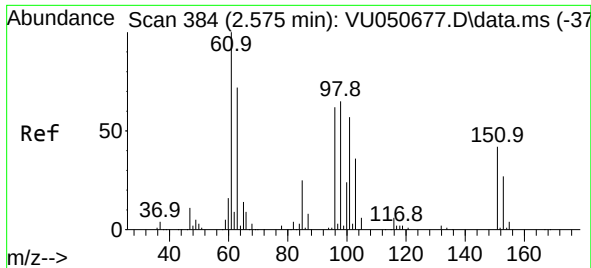
Tgt Ion: 64 Resp: 45531
Ion Ratio Lower Upper
64 100
66 32.2 21.9 40.7



#9
Trichlorofluoromethane
Concen: 33.613 ug/L
RT: 2.128 min Scan# 245
Delta R.T. -0.003 min
Lab File: VU050682.D
Acq: 08 Sep 2022 13:25

Tgt Ion:101 Resp: 95768
Ion Ratio Lower Upper
101 100
103 64.5 51.4 77.0

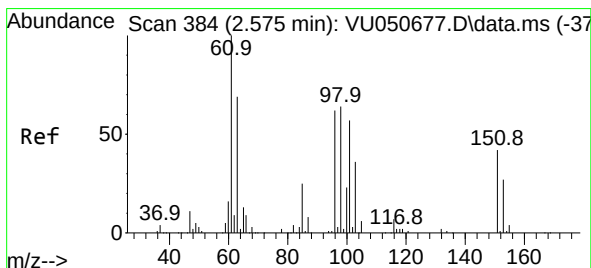
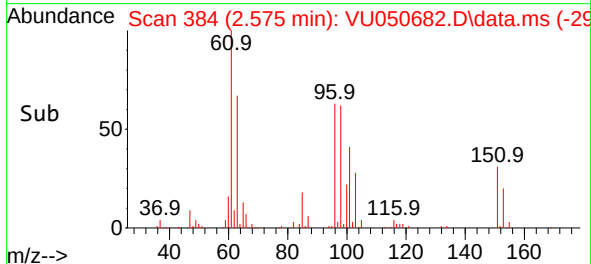
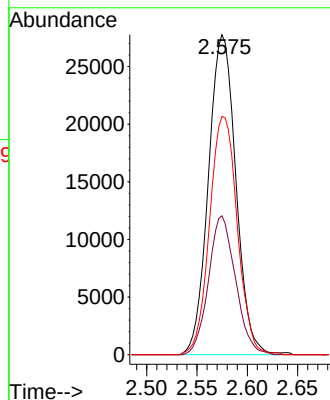
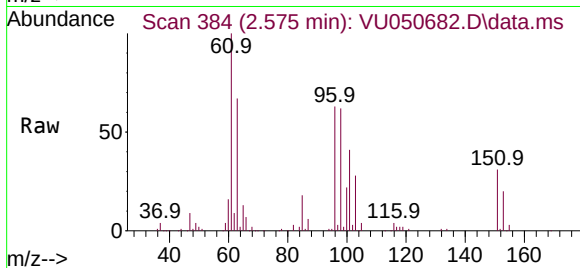




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 28.185 ug/L
 RT: 2.575 min Scan# 384
 Delta R.T. 0.000 min
 Lab File: VU050682.D
 Acq: 08 Sep 2022 13:25

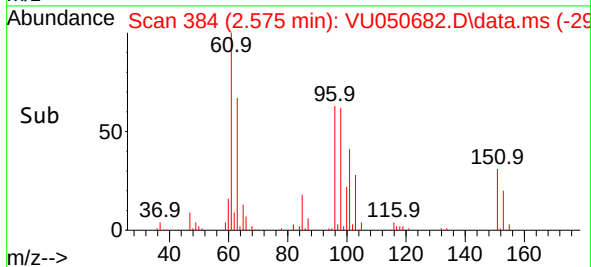
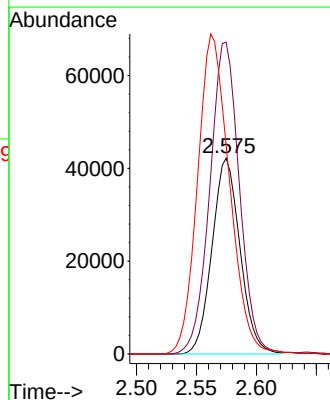
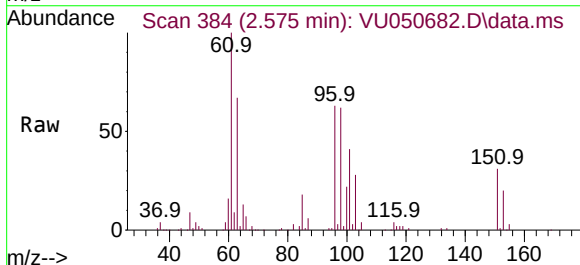
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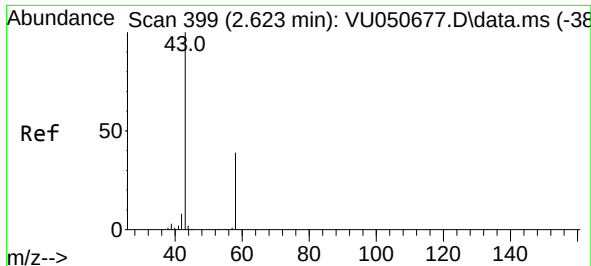
Tgt Ion: 101 Resp: 52677
 Ion Ratio Lower Upper
 101 100
 85 42.6 34.4 51.6
 151 75.2 57.7 86.5



#12
 1,1-Dichloroethene
 Concen: 37.619 ug/L
 RT: 2.575 min Scan# 384
 Delta R.T. 0.000 min
 Lab File: VU050682.D
 Acq: 08 Sep 2022 13:25

Tgt Ion: 96 Resp: 68316
 Ion Ratio Lower Upper
 96 100
 61 159.4 118.0 219.1
 63 106.8 79.5 147.7





#13

Acetone

Concen: 109.681 ug/L

RT: 2.623 min Scan# 399

Delta R.T. 0.000 min

Lab File: VU050682.D

Acq: 08 Sep 2022 13:25

Instrument :

MSVOA_U

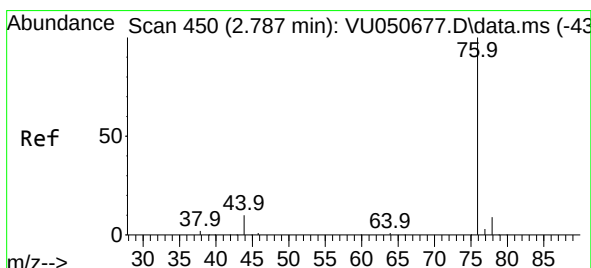
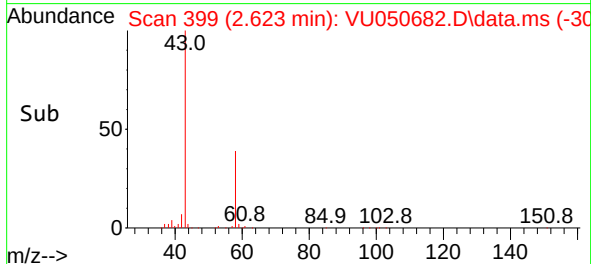
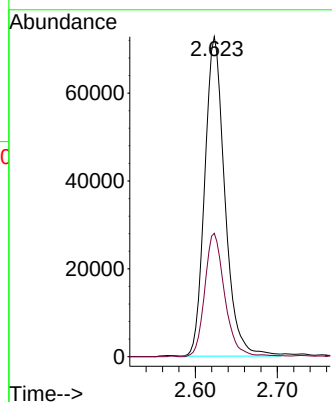
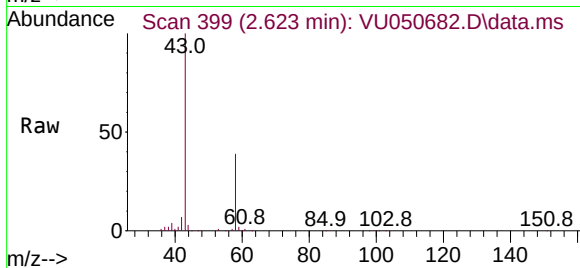
ClientSampleId :

Tgt Ion: 43 Resp: 123823

Ion Ratio Lower Upper

43 100

58 38.0 0.0 76.2



#14

Carbon disulfide

Concen: 36.525 ug/L

RT: 2.787 min Scan# 450

Delta R.T. 0.000 min

Lab File: VU050682.D

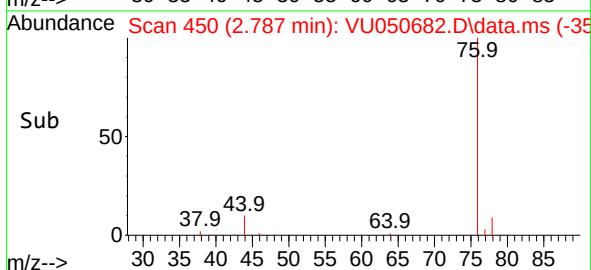
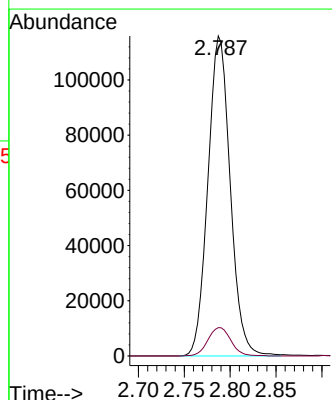
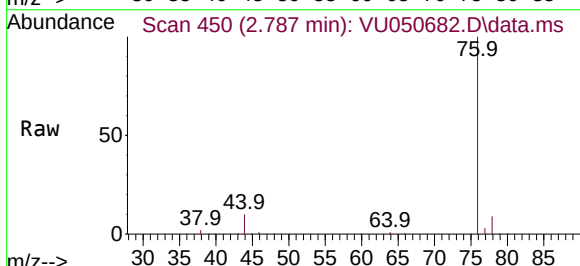
Acq: 08 Sep 2022 13:25

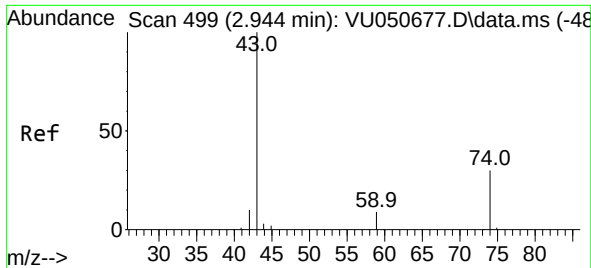
Tgt Ion: 76 Resp: 196693

Ion Ratio Lower Upper

76 100

78 8.8 7.3 10.9

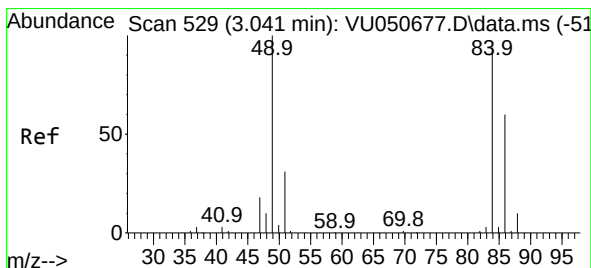
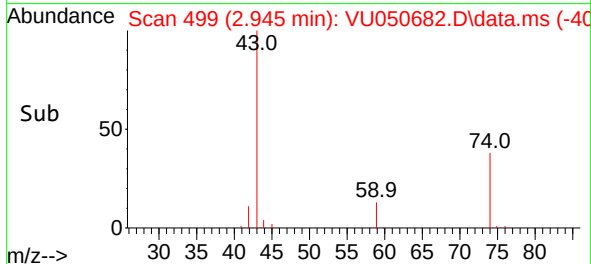
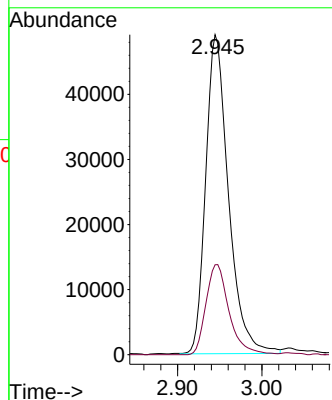
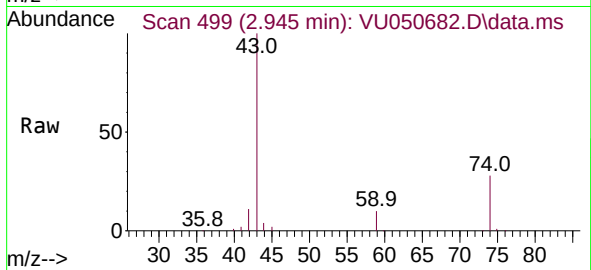




#15
Methyl Acetate
Concen: 38.646 ug/L
RT: 2.945 min Scan# 499
Delta R.T. 0.000 min
Lab File: VU050682.D
Acq: 08 Sep 2022 13:25

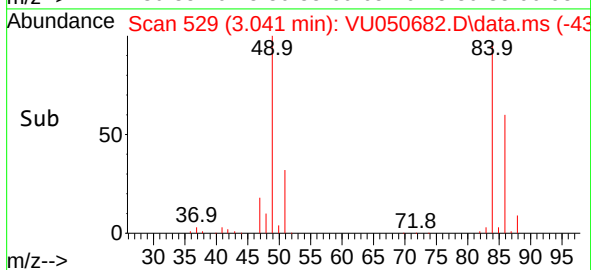
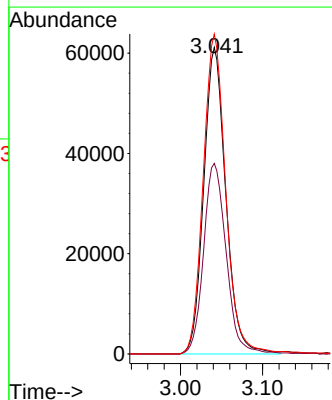
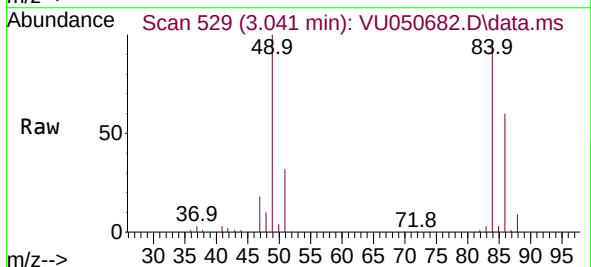
Instrument :
MSVOA_U
ClientSampleId :

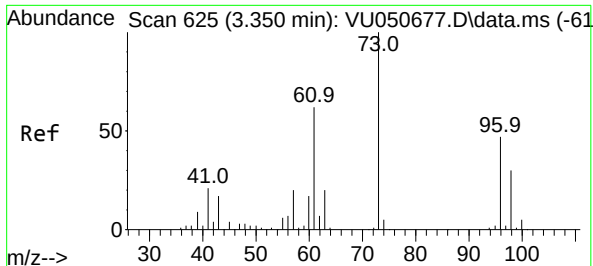
Tgt Ion: 43 Resp: 92269
Ion Ratio Lower Upper
43 100
74 28.6 21.2 31.8



#16
Methylene chloride
Concen: 48.087 ug/L
RT: 3.041 min Scan# 529
Delta R.T. 0.000 min
Lab File: VU050682.D
Acq: 08 Sep 2022 13:25

Tgt Ion: 84 Resp: 114607
Ion Ratio Lower Upper
84 100
86 62.1 44.8 83.2
49 104.4 80.6 149.8





#17

trans-1,2-Dichloroethene

Concen: 43.031 ug/L

RT: 3.350 min Scan# 61

Delta R.T. 0.000 min

Lab File: VU050682.D

Acq: 08 Sep 2022 13:25

Instrument :

MSVOA_U

ClientSampleId :

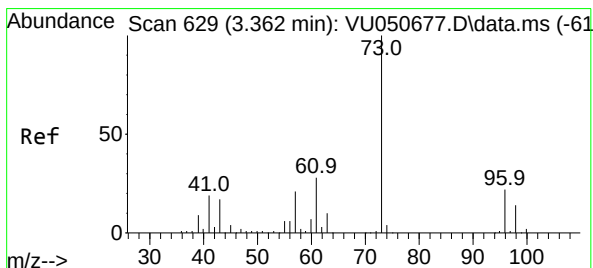
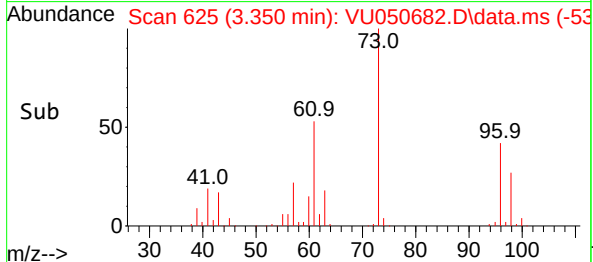
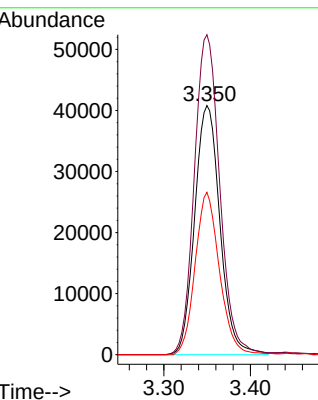
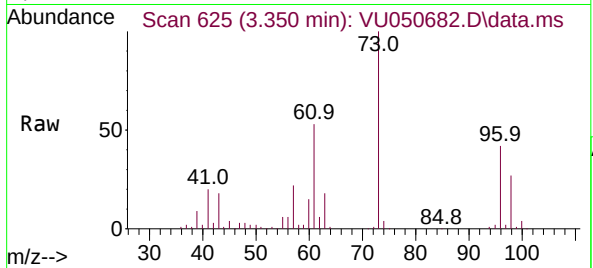
Tgt Ion: 96 Resp: 82866

Ion Ratio Lower Upper

96 100

61 128.5 97.9 181.7

98 65.2 44.8 83.2



#18

Methyl tert-butyl Ether

Concen: 52.360 ug/L

RT: 3.363 min Scan# 629

Delta R.T. 0.000 min

Lab File: VU050682.D

Acq: 08 Sep 2022 13:25

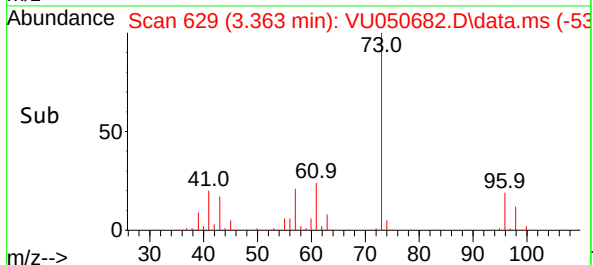
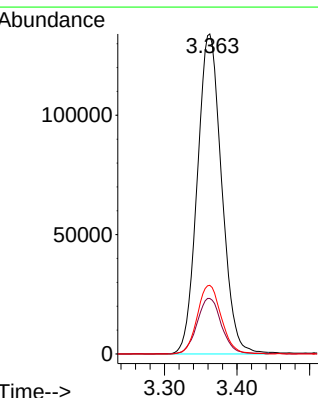
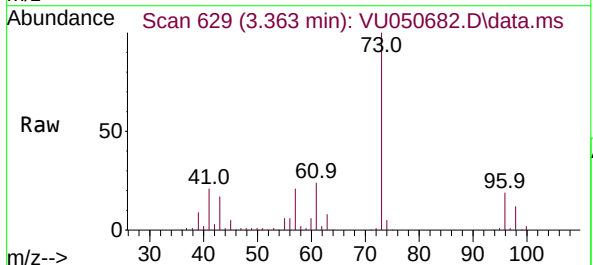
Tgt Ion: 73 Resp: 312630

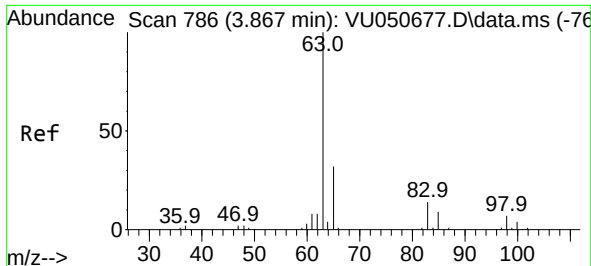
Ion Ratio Lower Upper

73 100

43 17.5 13.4 20.2

57 21.2 17.8 26.8





#19

1,1-Dichloroethane

Concen: 45.999 ug/L

RT: 3.864 min Scan# 71

Delta R.T. -0.003 min

Lab File: VU050682.D

Acq: 08 Sep 2022 13:25

Instrument :

MSVOA_U

ClientSampleId :

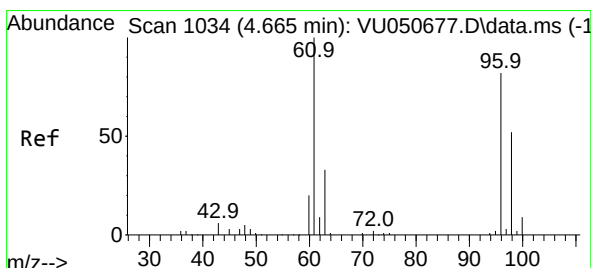
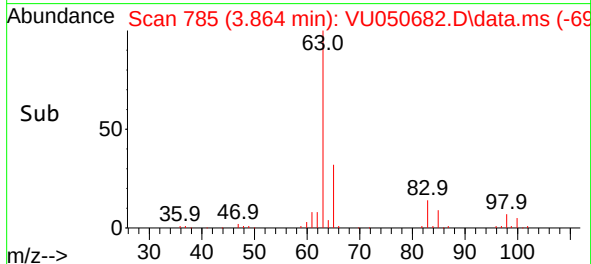
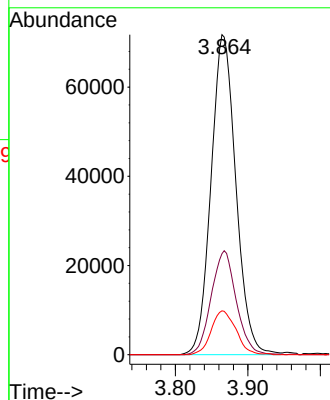
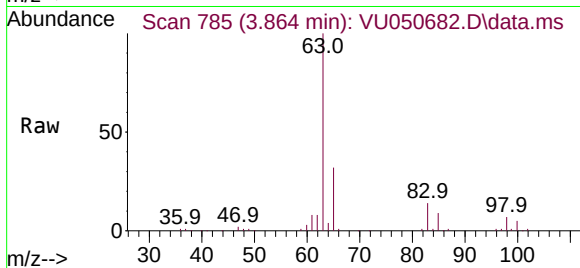
Tgt Ion: 63 Resp: 170902

Ion Ratio Lower Upper

63 100

65 31.5 22.4 41.6

83 13.7 9.5 17.7



#20

cis-1,2-Dichloroethene

Concen: 48.271 ug/L

RT: 4.665 min Scan# 1034

Delta R.T. 0.000 min

Lab File: VU050682.D

Acq: 08 Sep 2022 13:25

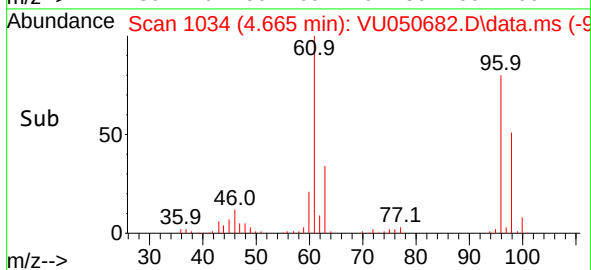
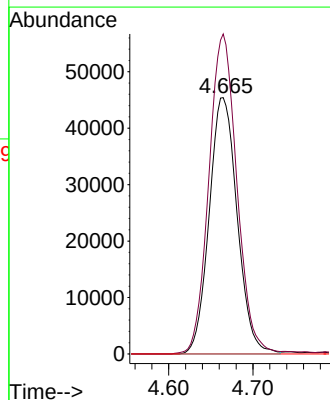
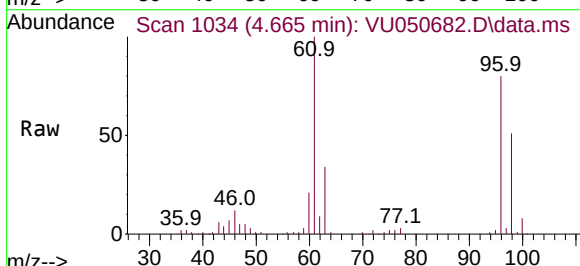
Tgt Ion: 96 Resp: 104882

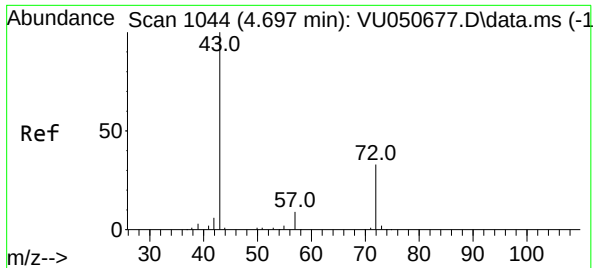
Ion Ratio Lower Upper

96 100

61 124.8 89.8 166.8

68 0.0 0.0 0.0





#22

2-Butanone

Concen: 109.297 ug/L

RT: 4.700 min Scan# 110

Delta R.T. 0.003 min

Lab File: VU050682.D

Acq: 08 Sep 2022 13:25

Instrument :

MSVOA_U

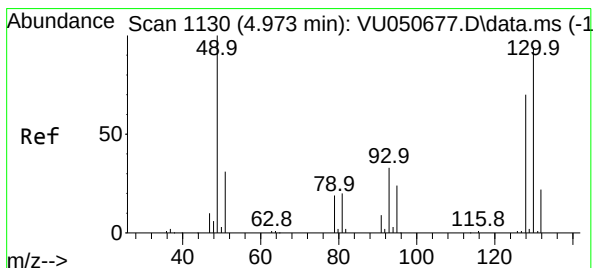
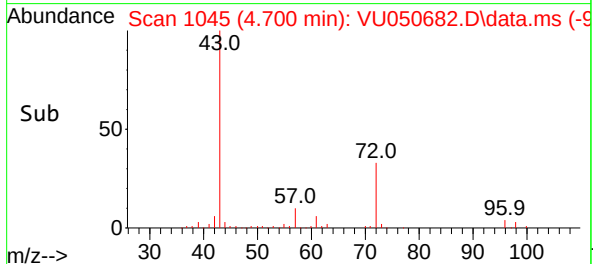
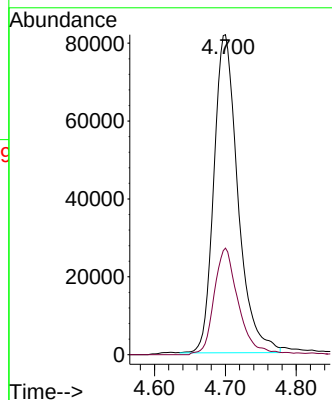
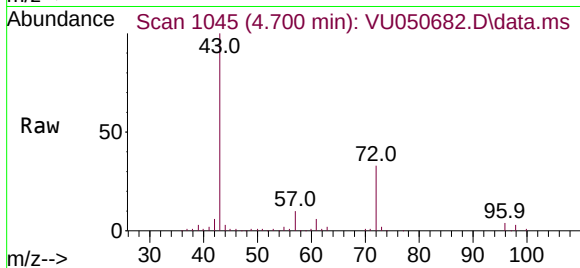
ClientSampleId :

Tgt Ion: 43 Resp: 192988

Ion Ratio Lower Upper

43 100

72 33.3 14.6 44.0



#23

Bromochloromethane

Concen: 53.811 ug/L

RT: 4.970 min Scan# 1129

Delta R.T. -0.003 min

Lab File: VU050682.D

Acq: 08 Sep 2022 13:25

Tgt Ion: 128 Resp: 60417

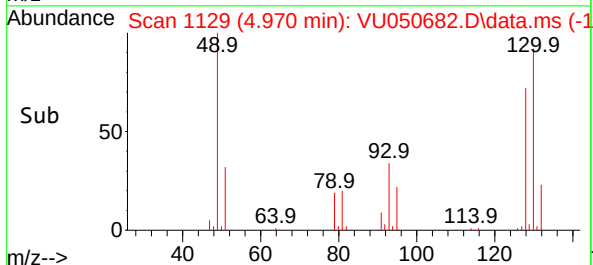
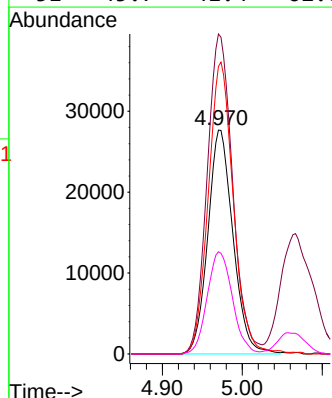
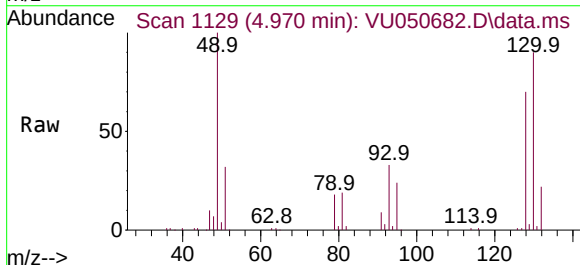
Ion Ratio Lower Upper

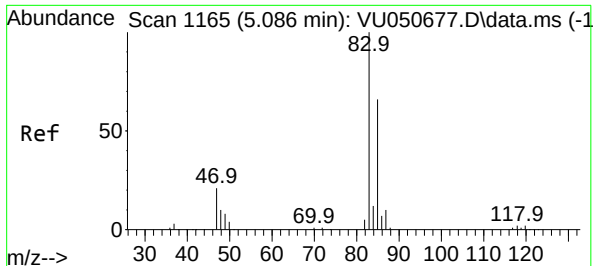
128 100

49 143.0 112.5 208.9

130 128.4 91.8 170.4

51 45.7 41.4 62.0





#25

Chloroform

Concen: 51.176 ug/L

RT: 5.086 min Scan# 1165

Delta R.T. 0.000 min

Lab File: VU050682.D

Acq: 08 Sep 2022 13:25

Instrument :

MSVOA_U

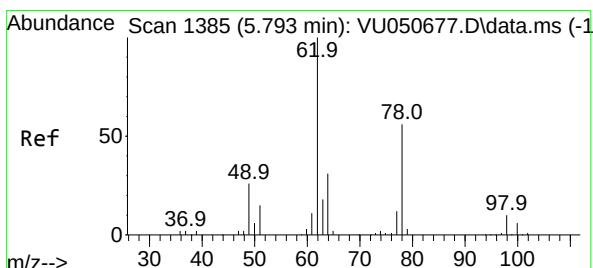
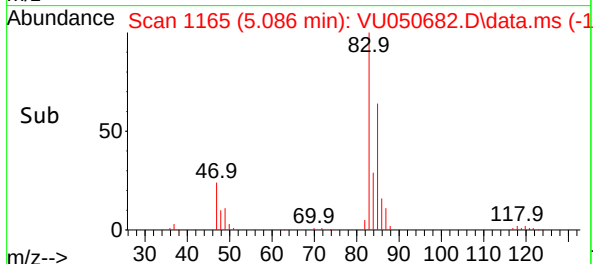
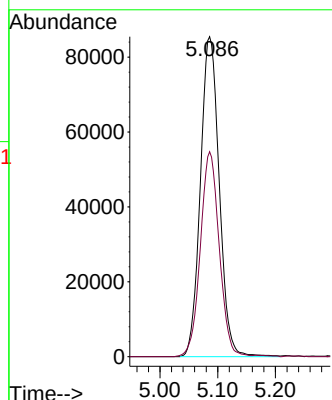
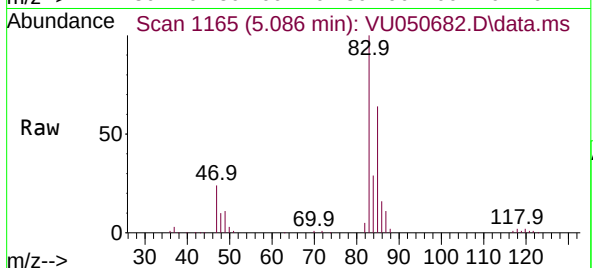
ClientSampleId :

Tgt Ion: 83 Resp: 193713

Ion Ratio Lower Upper

83 100

85 64.0 45.6 84.8



#27

1,2-Dichloroethane

Concen: 55.640 ug/L

RT: 5.793 min Scan# 1385

Delta R.T. 0.000 min

Lab File: VU050682.D

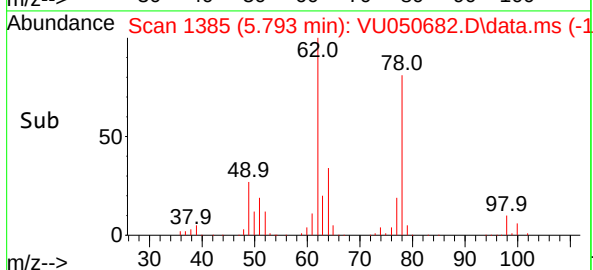
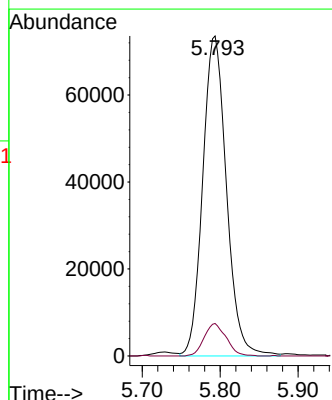
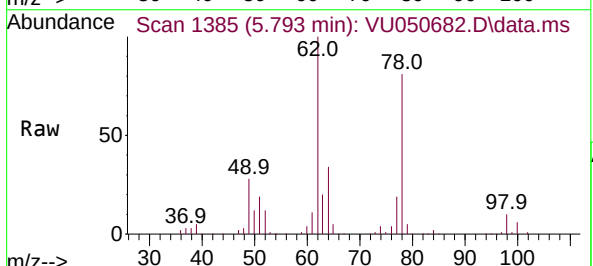
Acq: 08 Sep 2022 13:25

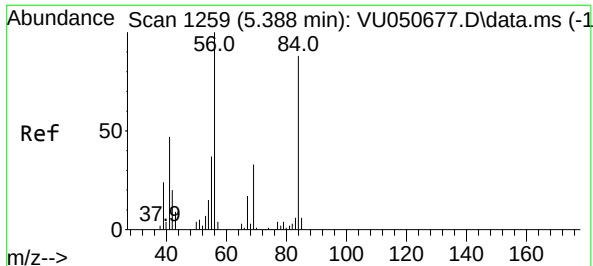
Tgt Ion: 62 Resp: 156097

Ion Ratio Lower Upper

62 100

98 10.2 8.2 12.2





#29

Cyclohexane

Concen: 25.138 ug/L

RT: 5.385 min Scan# 1259

Delta R.T. -0.003 min

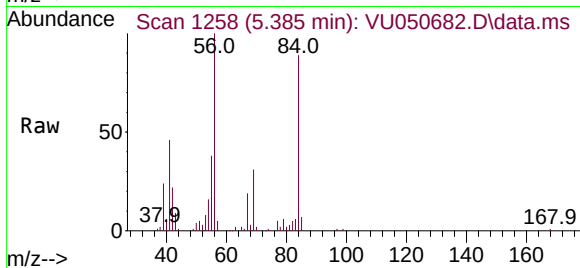
Lab File: VU050682.D

Acq: 08 Sep 2022 13:25

Instrument :

MSVOA_U

ClientSampleId :



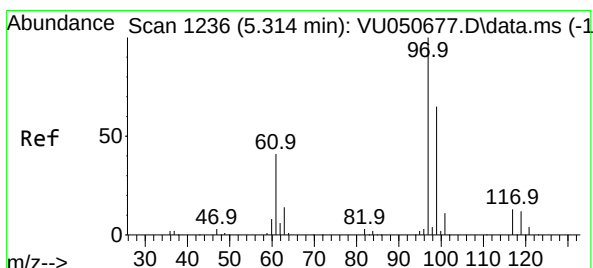
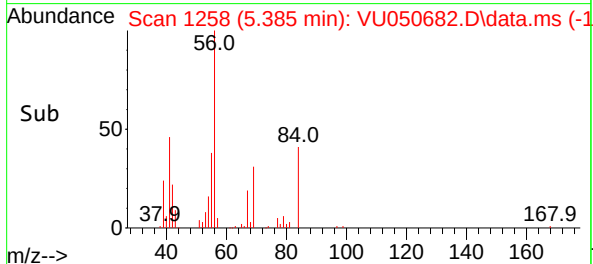
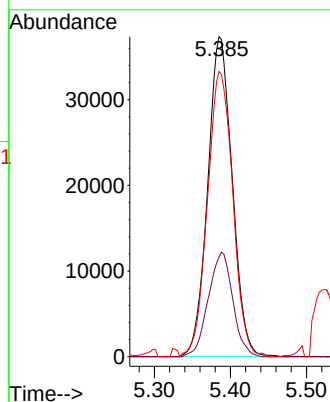
Tgt Ion: 56 Resp: 83605

Ion Ratio Lower Upper

56 100

69 32.5 24.6 37.0

84 91.8 67.4 101.2



#30

1,1,1-Trichloroethane

Concen: 42.025 ug/L

RT: 5.314 min Scan# 1236

Delta R.T. 0.000 min

Lab File: VU050682.D

Acq: 08 Sep 2022 13:25

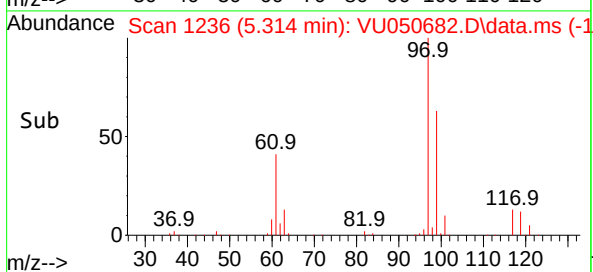
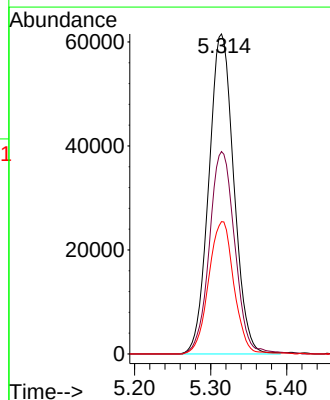
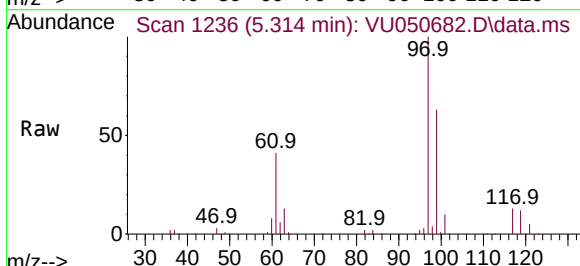
Tgt Ion: 97 Resp: 140566

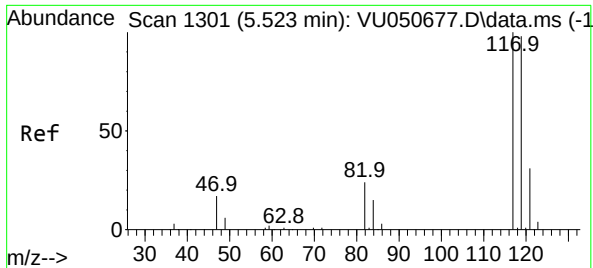
Ion Ratio Lower Upper

97 100

99 63.6 51.2 76.8

61 41.6 34.2 51.4

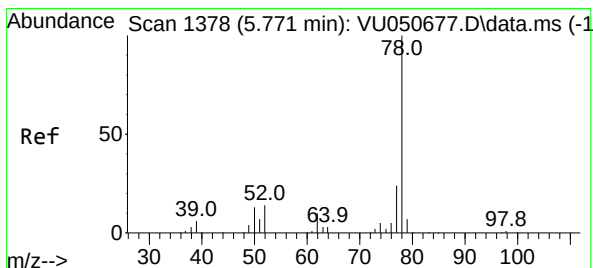
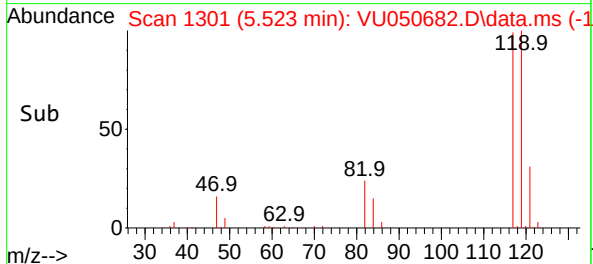
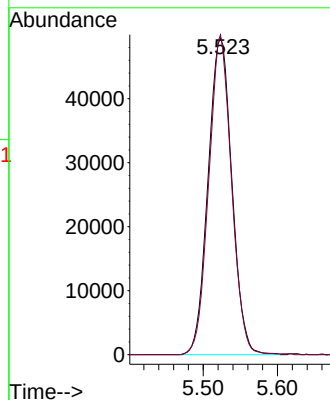
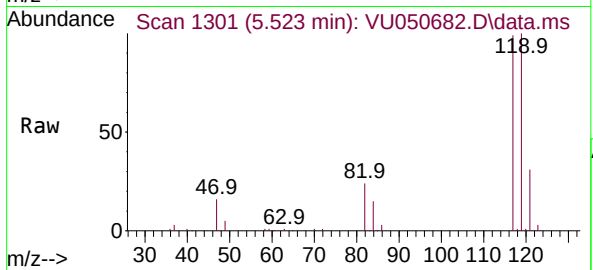




#31
Carbon tetrachloride
Concen: 40.294 ug/L
RT: 5.523 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU050682.D
Acq: 08 Sep 2022 13:25

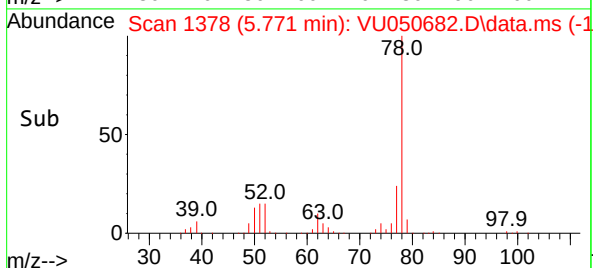
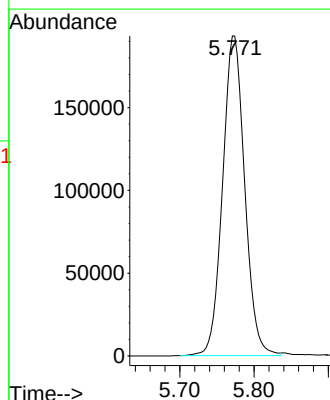
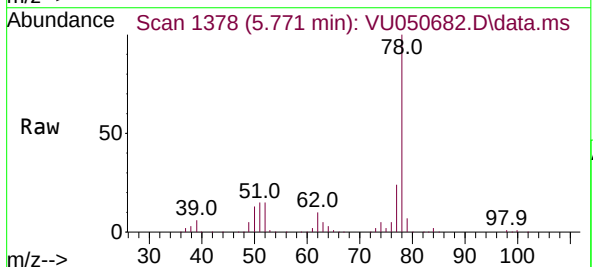
Instrument :
MSVOA_U
ClientSampleId :

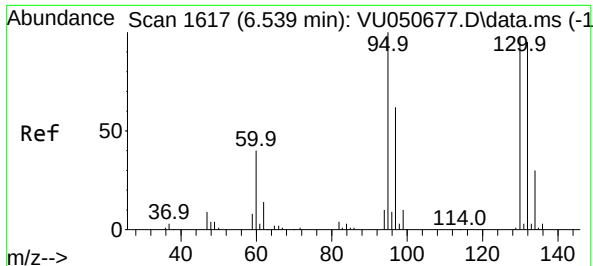
Tgt Ion:117 Resp: 110424
Ion Ratio Lower Upper
117 100
119 95.9 77.4 116.2



#33
Benzene
Concen: 44.260 ug/L
RT: 5.771 min Scan# 1378
Delta R.T. 0.000 min
Lab File: VU050682.D
Acq: 08 Sep 2022 13:25

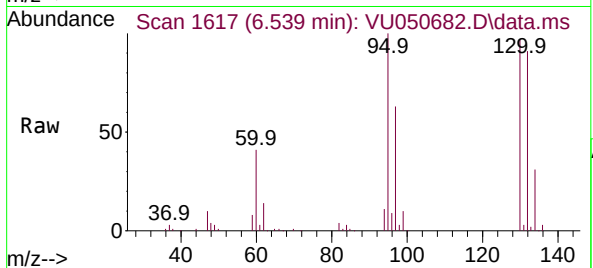
Tgt Ion: 78 Resp: 400006



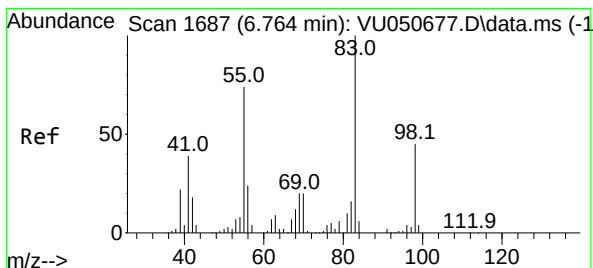
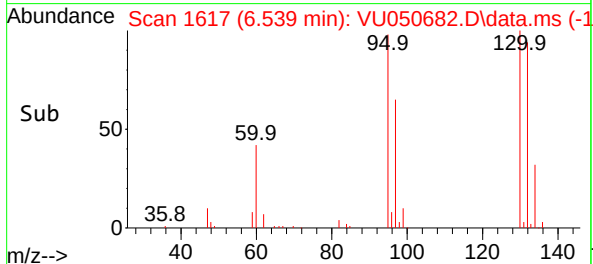
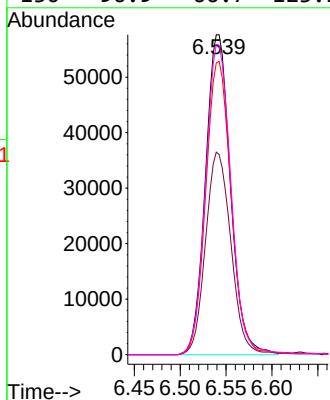


#34
Trichloroethene
Concen: 52.059 ug/L
RT: 6.539 min Scan# 1617
Delta R.T. 0.000 min
Lab File: VU050682.D
Acq: 08 Sep 2022 13:25

Instrument :
MSVOA_U
ClientSampleId :

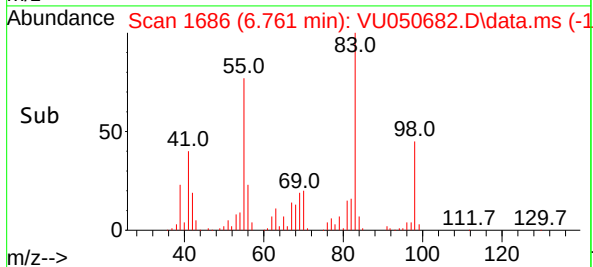
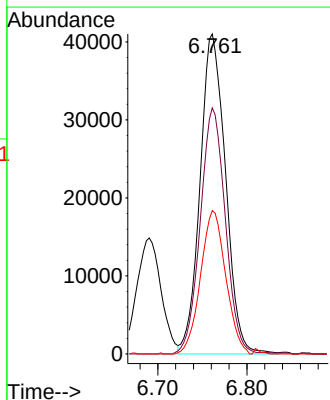
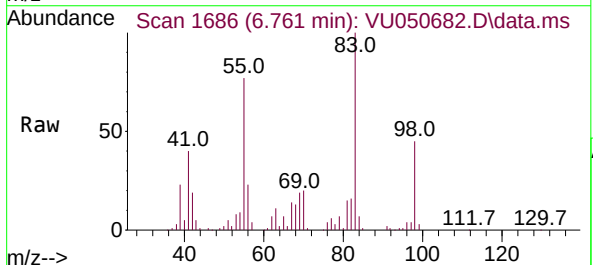


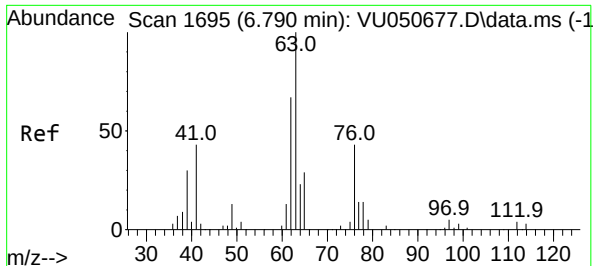
Tgt Ion: 95 Resp: 109628
Ion Ratio Lower Upper
95 100
97 63.3 45.4 84.2
132 91.1 65.2 121.2
130 96.9 66.7 123.9



#35
Methylcyclohexane
Concen: 24.335 ug/L
RT: 6.761 min Scan# 1686
Delta R.T. -0.003 min
Lab File: VU050682.D
Acq: 08 Sep 2022 13:25

Tgt Ion: 83 Resp: 81472
Ion Ratio Lower Upper
83 100
55 75.4 62.6 93.8
98 44.2 35.5 53.3





#37

1,2-Dichloropropane

Concen: 46.170 ug/L

RT: 6.790 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU050682.D

Acq: 08 Sep 2022 13:25

Instrument :

MSVOA_U

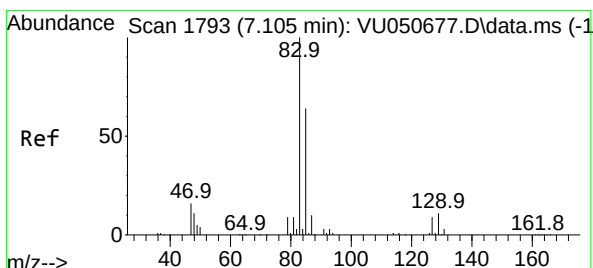
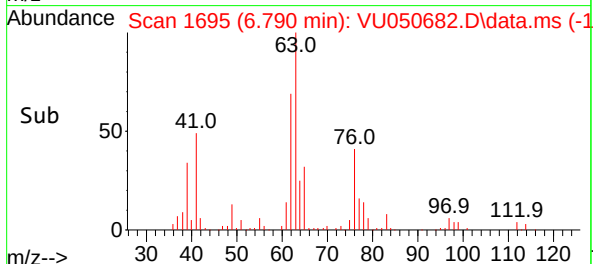
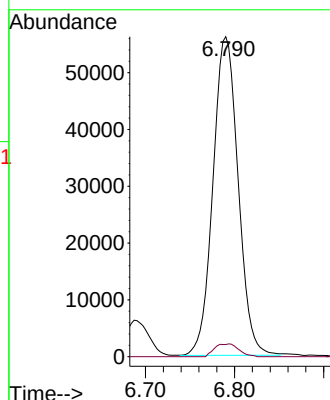
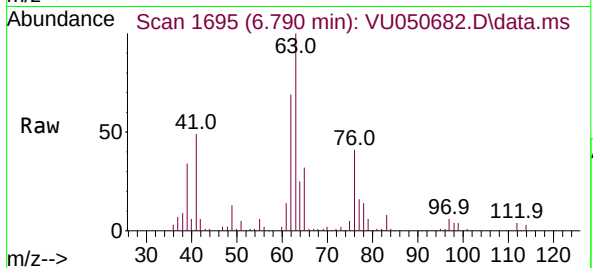
ClientSampleId :

Tgt Ion: 63 Resp: 110218

Ion Ratio Lower Upper

63 100

112 1.6 3.0 4.4#



#38

Bromodichloromethane

Concen: 53.263 ug/L

RT: 7.105 min Scan# 1793

Delta R.T. 0.000 min

Lab File: VU050682.D

Acq: 08 Sep 2022 13:25

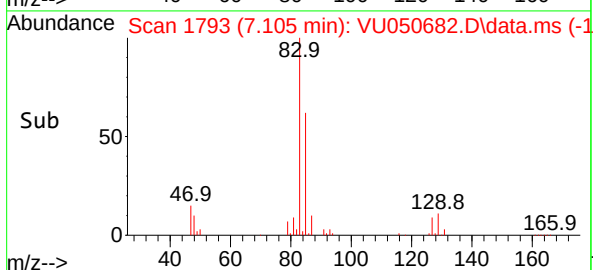
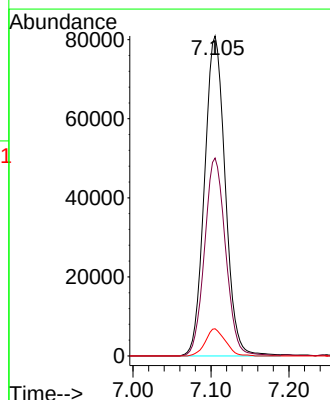
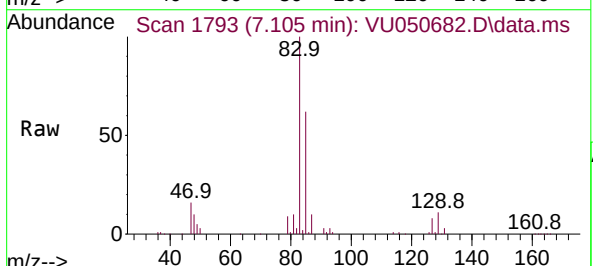
Tgt Ion: 83 Resp: 149571

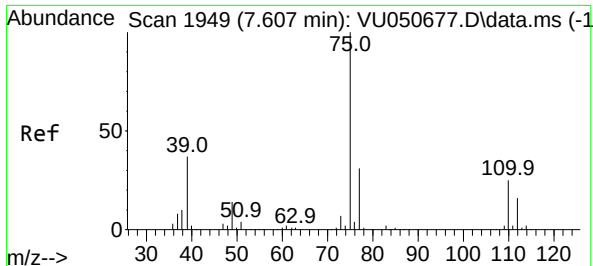
Ion Ratio Lower Upper

83 100

85 61.9 44.9 83.5

127 8.5 6.6 10.0





#39

cis-1,3-Dichloropropene

Concen: 45.948 ug/L

RT: 7.607 min Scan# 1949

Delta R.T. 0.000 min

Lab File: VU050682.D

Acq: 08 Sep 2022 13:25

Instrument :

MSVOA_U

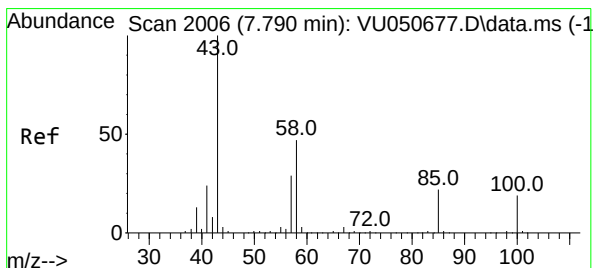
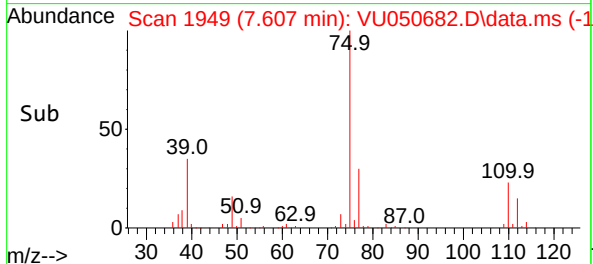
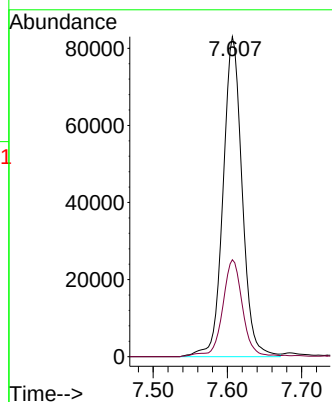
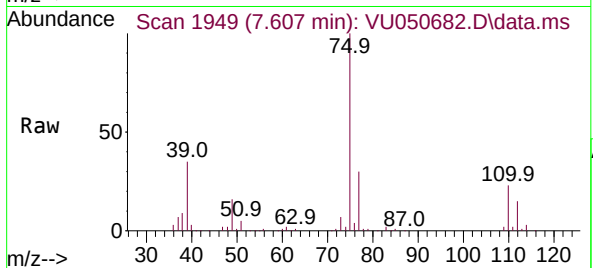
ClientSampleId :

Tgt Ion: 75 Resp: 148473

Ion Ratio Lower Upper

75 100

77 30.3 22.5 41.7



#40

4-Methyl-2-pentanone

Concen: 103.720 ug/L

RT: 7.790 min Scan# 2006

Delta R.T. 0.000 min

Lab File: VU050682.D

Acq: 08 Sep 2022 13:25

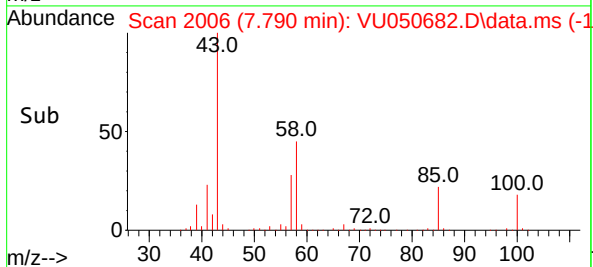
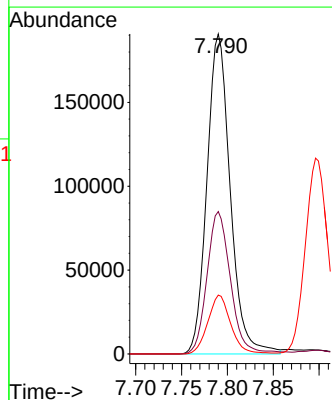
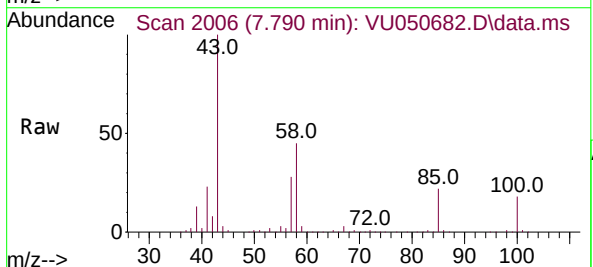
Tgt Ion: 43 Resp: 337419

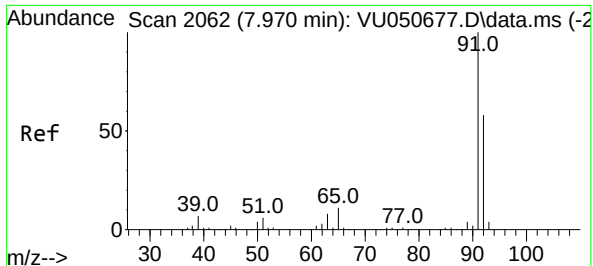
Ion Ratio Lower Upper

43 100

58 44.5 35.1 52.7

100 18.1 12.9 19.3





#42

Toluene

Concen: 44.275 ug/L

RT: 7.967 min Scan# 2062

Delta R.T. -0.003 min

Lab File: VU050682.D

Acq: 08 Sep 2022 13:25

Instrument :

MSVOA_U

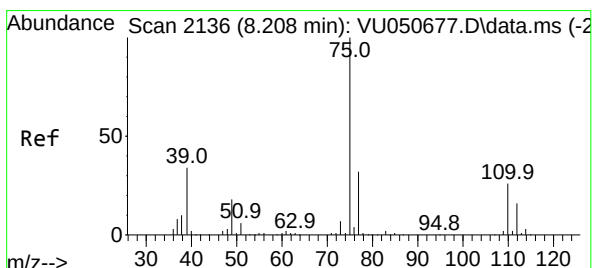
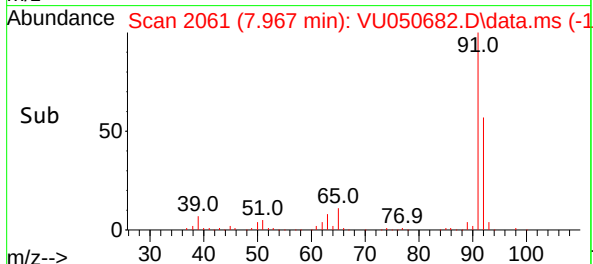
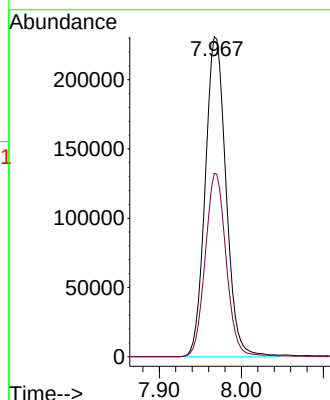
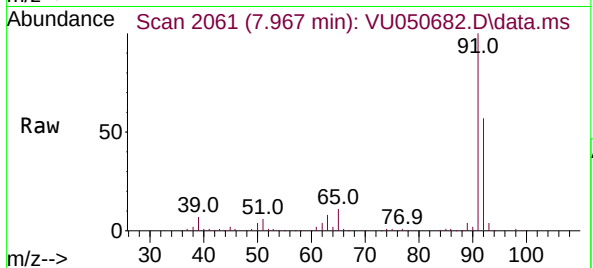
ClientSampleId :

Tgt Ion: 91 Resp: 406464

Ion Ratio Lower Upper

91 100

92 57.3 40.5 75.3



#44

trans-1,3-Dichloropropene

Concen: 47.779 ug/L

RT: 8.208 min Scan# 2136

Delta R.T. 0.000 min

Lab File: VU050682.D

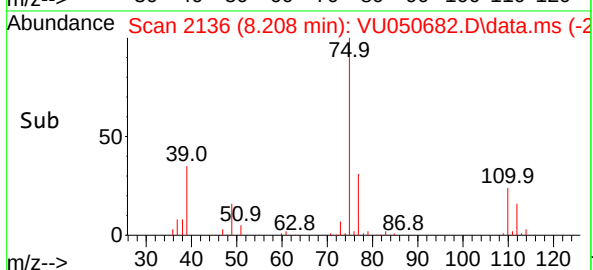
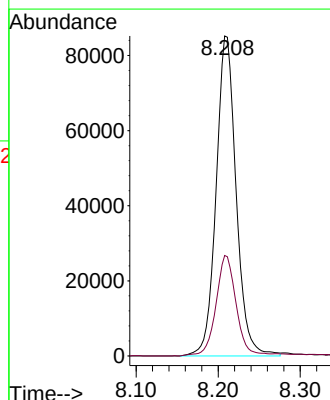
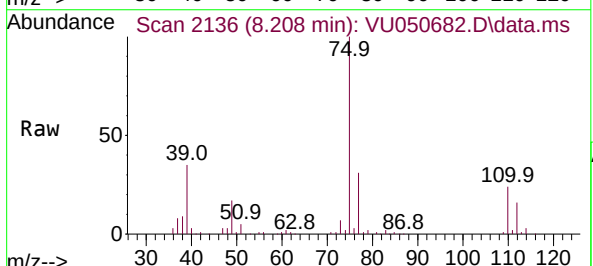
Acq: 08 Sep 2022 13:25

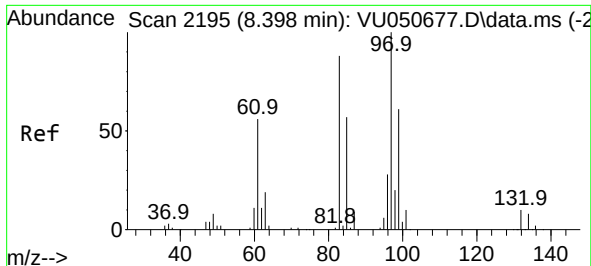
Tgt Ion: 75 Resp: 144854

Ion Ratio Lower Upper

75 100

77 31.4 22.1 41.1



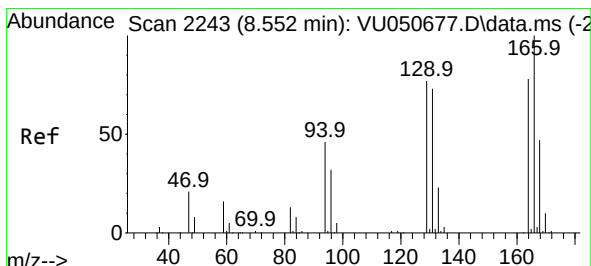
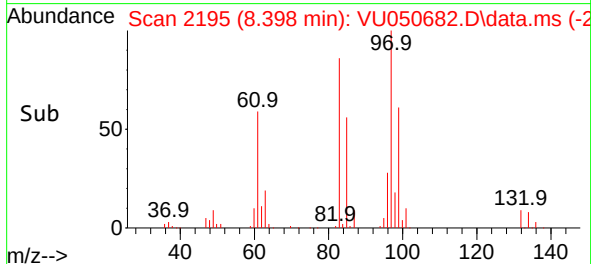
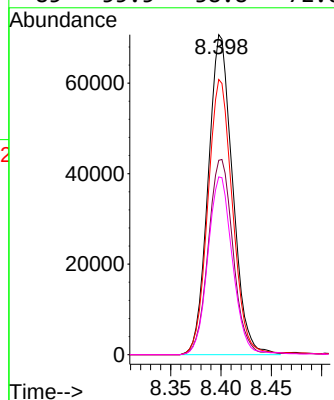
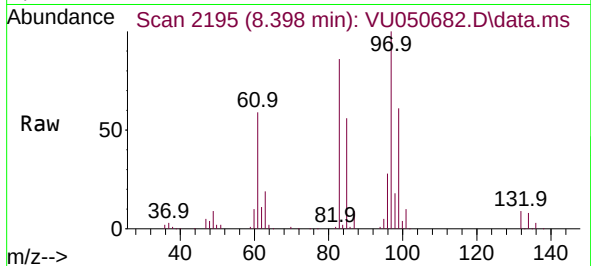


#45
1,1,2-Trichloroethane
Concen: 52.233 ug/L
RT: 8.398 min Scan# 2195
Delta R.T. 0.000 min
Lab File: VU050682.D
Acq: 08 Sep 2022 13:25

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 97 Resp: 119783

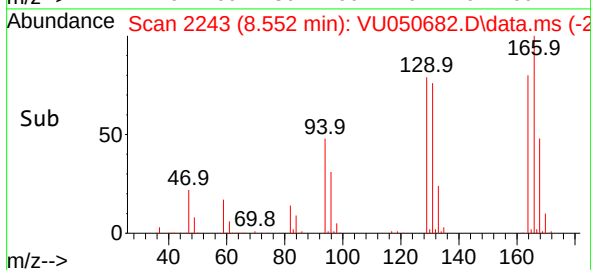
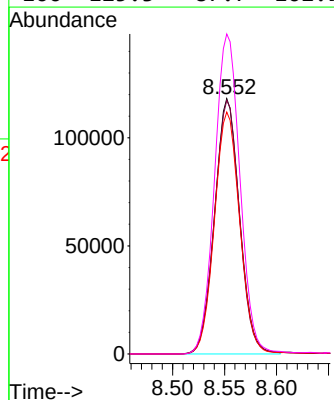
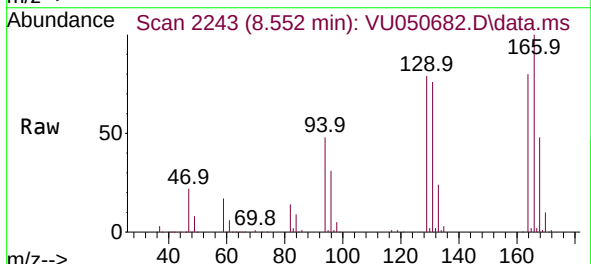
Ion	Ratio	Lower	Upper
97	100		
99	60.7	43.5	80.9
83	86.0	61.6	114.4
85	55.5	38.8	72.0

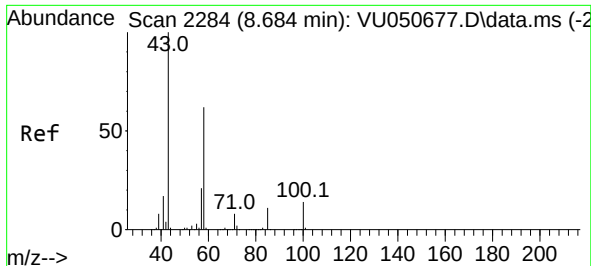


#46
Tetrachloroethene
Concen: 128.528 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. 0.000 min
Lab File: VU050682.D
Acq: 08 Sep 2022 13:25

Tgt Ion: 164 Resp: 197688

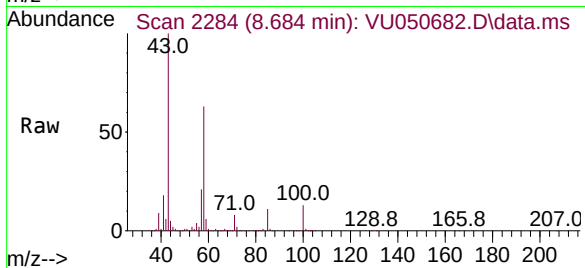
Ion	Ratio	Lower	Upper
164	100		
129	99.3	68.7	127.5
131	94.7	66.2	123.0
166	125.3	87.7	162.9



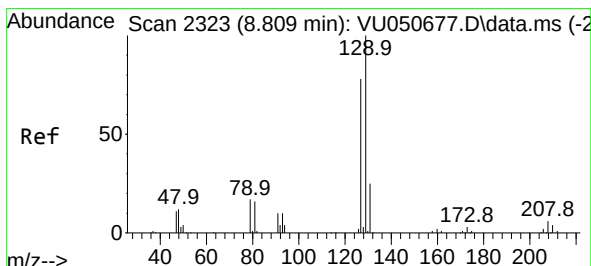
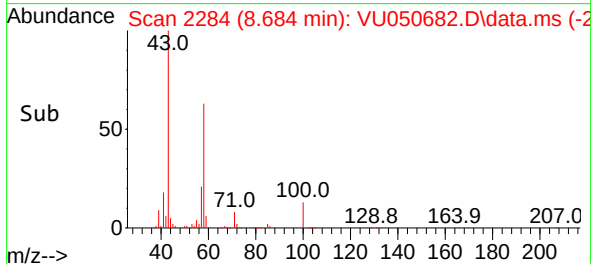
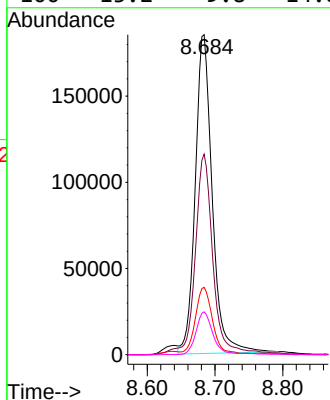


#48
2-Hexanone
Concen: 106.201 ug/L
RT: 8.684 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU050682.D
Acq: 08 Sep 2022 13:25

Instrument :
MSVOA_U
ClientSampleId :

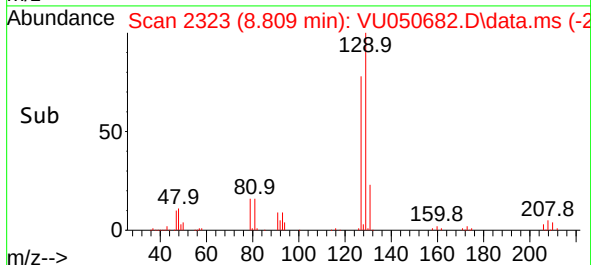
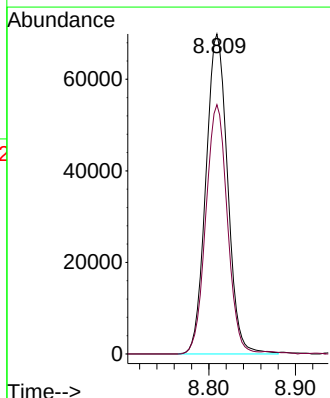
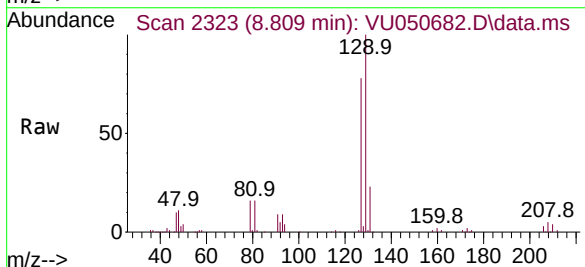


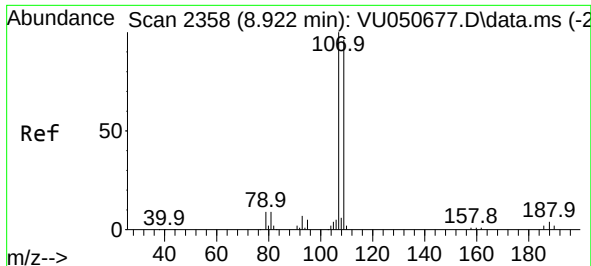
Tgt Ion: 43 Resp: 322429
Ion Ratio Lower Upper
43 100
58 64.8 51.8 77.6
57 20.7 17.0 25.4
100 13.2 9.8 14.8



#49
Dibromochloromethane
Concen: 55.557 ug/L
RT: 8.809 min Scan# 2323
Delta R.T. 0.000 min
Lab File: VU050682.D
Acq: 08 Sep 2022 13:25

Tgt Ion: 129 Resp: 121520
Ion Ratio Lower Upper
129 100
127 77.9 53.8 100.0





#50

1,2-Dibromoethane

Concen: 53.740 ug/L

RT: 8.922 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU050682.D

Acq: 08 Sep 2022 13:25

Instrument :

MSVOA_U

ClientSampleId :

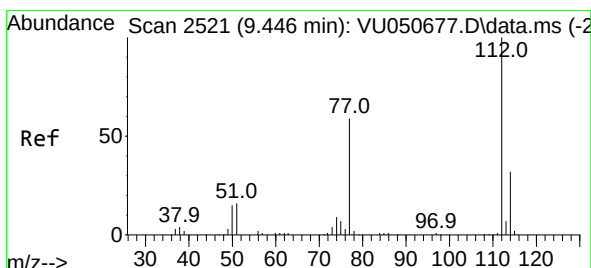
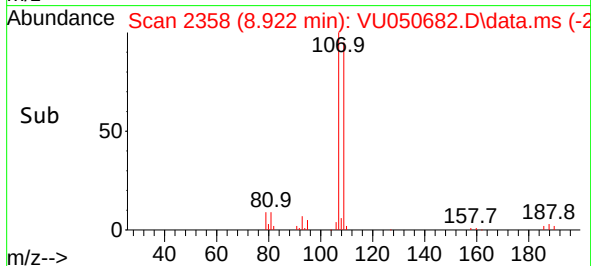
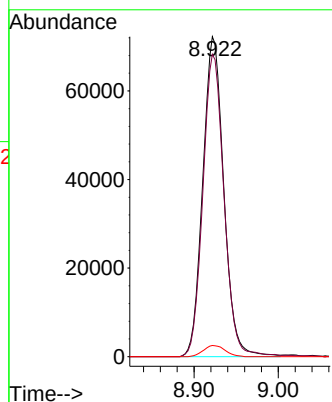
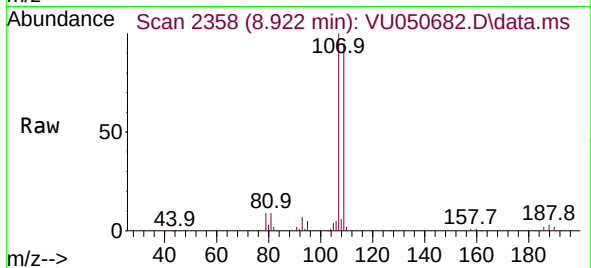
Tgt Ion:107 Resp: 125333

Ion Ratio Lower Upper

107 100

109 94.5 67.5 125.4

188 3.5 2.5 3.7



#51

Chlorobenzene

Concen: 45.771 ug/L

RT: 9.446 min Scan# 2521

Delta R.T. 0.000 min

Lab File: VU050682.D

Acq: 08 Sep 2022 13:25

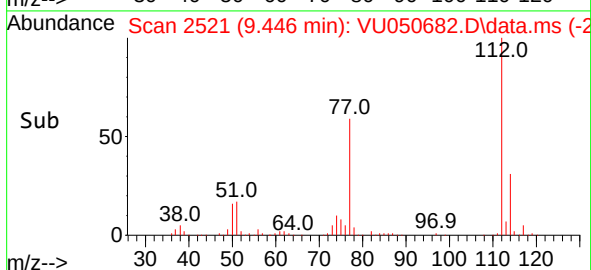
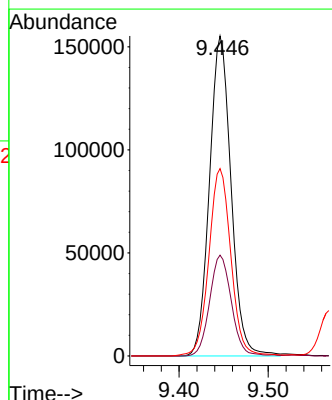
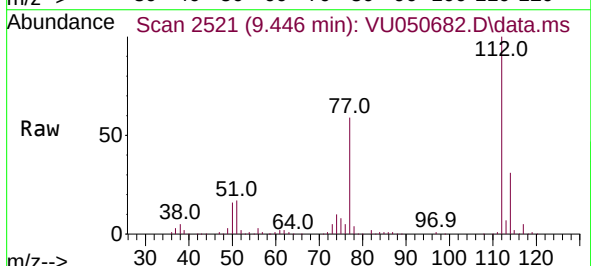
Tgt Ion:112 Resp: 260786

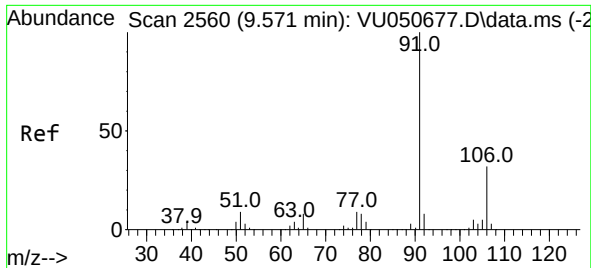
Ion Ratio Lower Upper

112 100

114 31.5 22.1 41.1

77 58.6 49.2 73.8

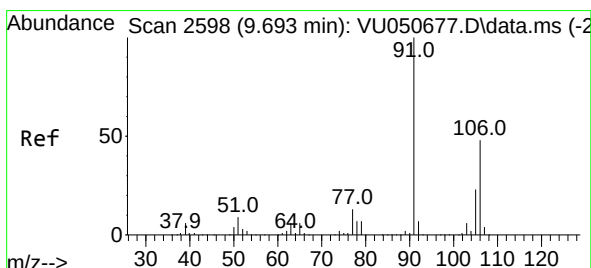
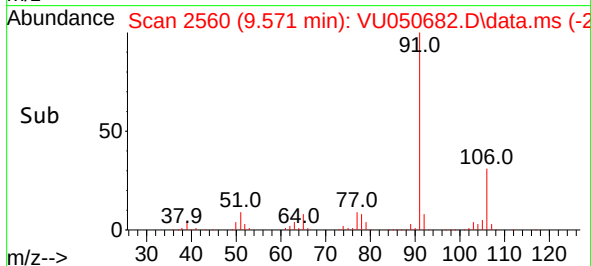
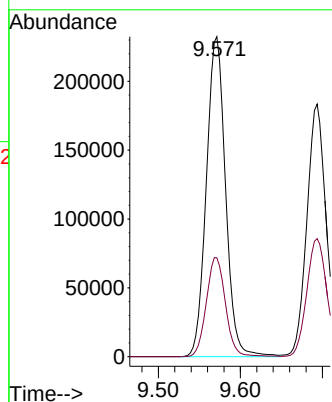
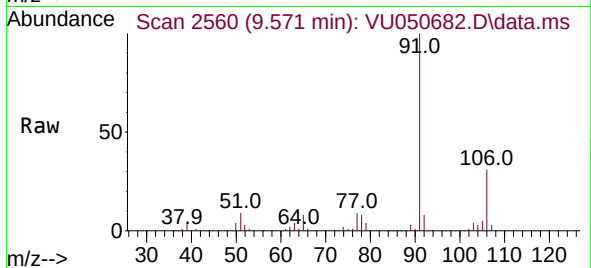




#52
Ethylbenzene
Concen: 41.757 ug/L
RT: 9.571 min Scan# 2560
Delta R.T. 0.000 min
Lab File: VU050682.D
Acq: 08 Sep 2022 13:25

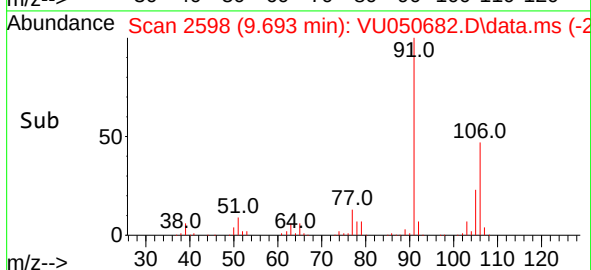
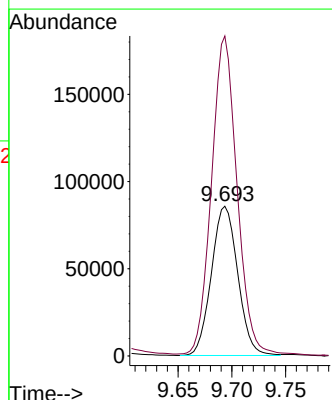
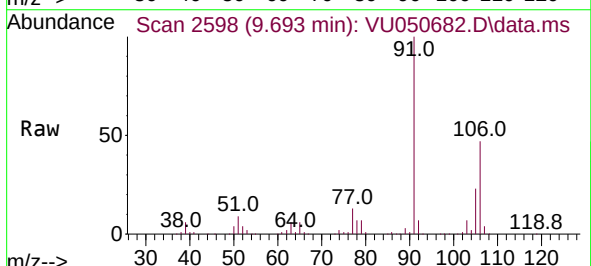
Instrument :
MSVOA_U
ClientSampleId :

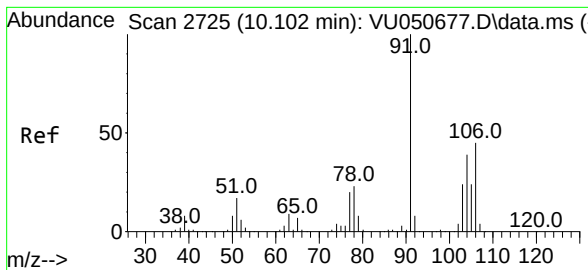
Tgt Ion: 91 Resp: 378695
Ion Ratio Lower Upper
91 100
106 30.9 21.2 39.4



#53
m,p-Xylene
Concen: 42.020 ug/L
RT: 9.693 min Scan# 2598
Delta R.T. 0.000 min
Lab File: VU050682.D
Acq: 08 Sep 2022 13:25

Tgt Ion: 106 Resp: 146000
Ion Ratio Lower Upper
106 100
91 213.8 147.1 273.3

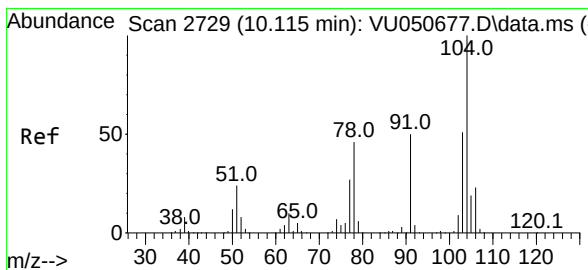
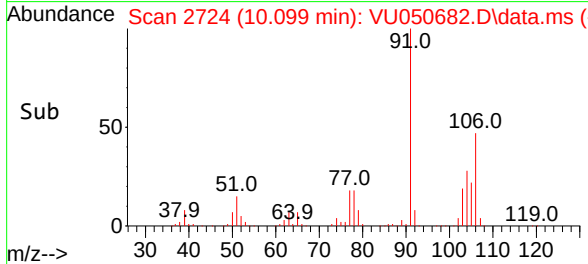
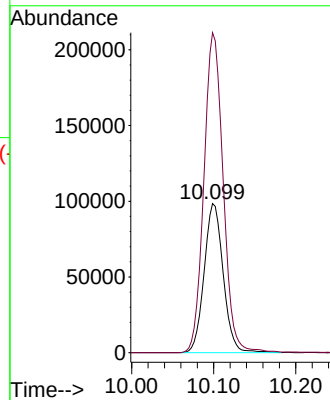
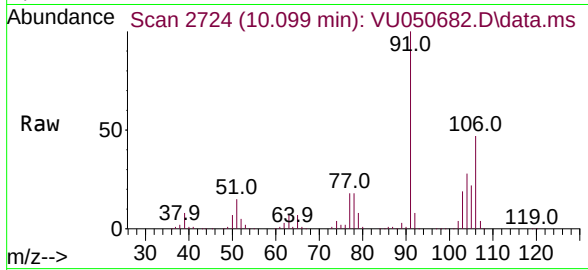




#54
o-Xylene
Concen: 45.975 ug/L
RT: 10.099 min Scan# 2724
Delta R.T. -0.003 min
Lab File: VU050682.D
Acq: 08 Sep 2022 13:25

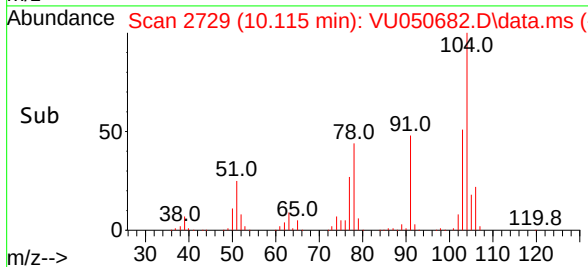
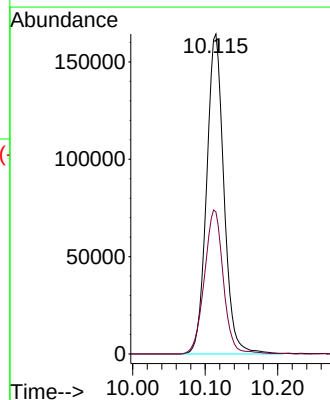
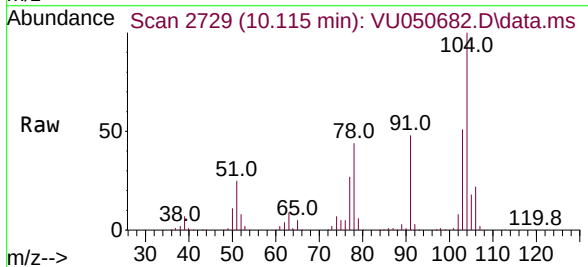
Instrument :
MSVOA_U
ClientSampleId :

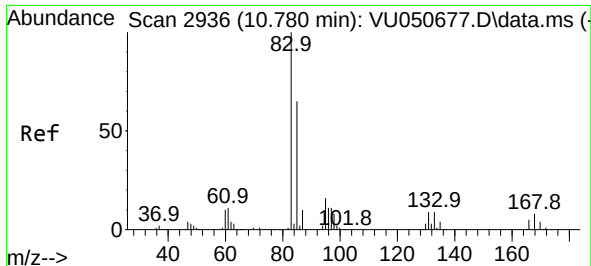
Tgt Ion:106 Resp: 159036
Ion Ratio Lower Upper
106 100
91 214.5 153.4 284.8



#55
Styrene
Concen: 47.952 ug/L
RT: 10.115 min Scan# 2729
Delta R.T. 0.000 min
Lab File: VU050682.D
Acq: 08 Sep 2022 13:25

Tgt Ion:104 Resp: 272928
Ion Ratio Lower Upper
104 100
78 44.4 32.8 60.8

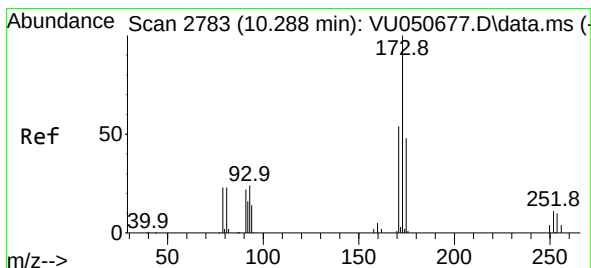
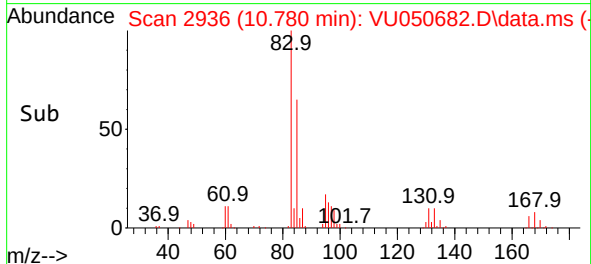
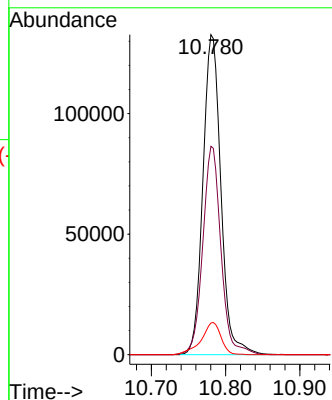
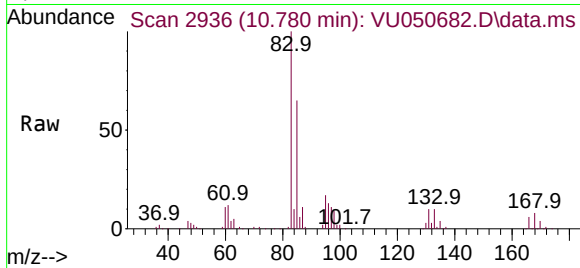




#57
1,1,2,2-Tetrachloroethane
Concen: 54.511 ug/L
RT: 10.780 min Scan# 2936
Delta R.T. 0.000 min
Lab File: VU050682.D
Acq: 08 Sep 2022 13:25

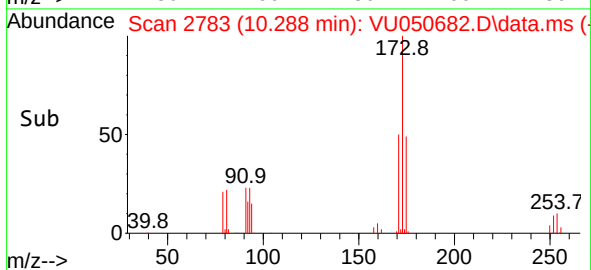
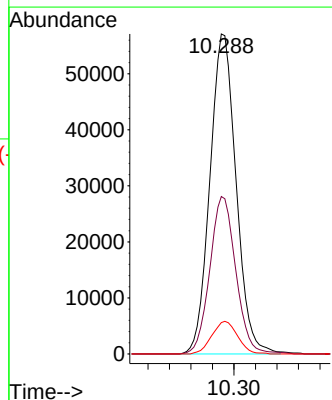
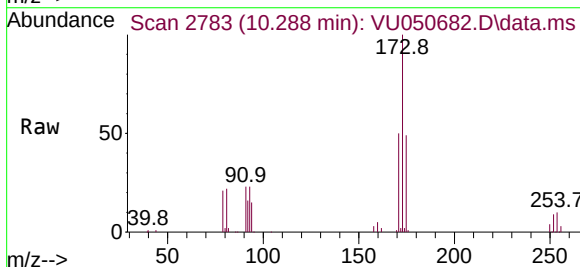
Instrument :
MSVOA_U
ClientSampleId :

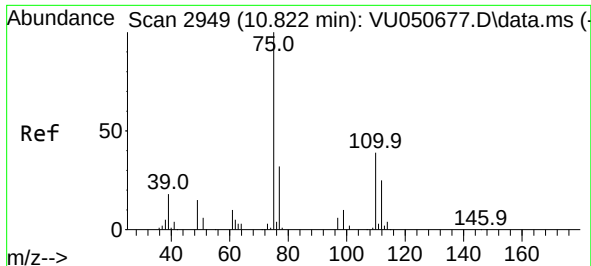
Tgt Ion: 83 Resp: 222666
Ion Ratio Lower Upper
83 100
85 65.1 45.5 84.5
131 9.9 7.7 11.5



#59
Bromoform
Concen: 54.401 ug/L
RT: 10.288 min Scan# 2783
Delta R.T. 0.000 min
Lab File: VU050682.D
Acq: 08 Sep 2022 13:25

Tgt Ion:173 Resp: 96550
Ion Ratio Lower Upper
173 100
175 48.8 40.0 60.0
254 10.0 7.4 11.0

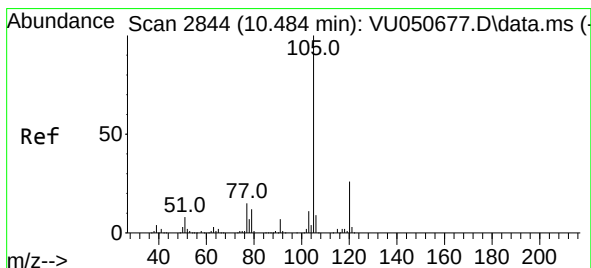
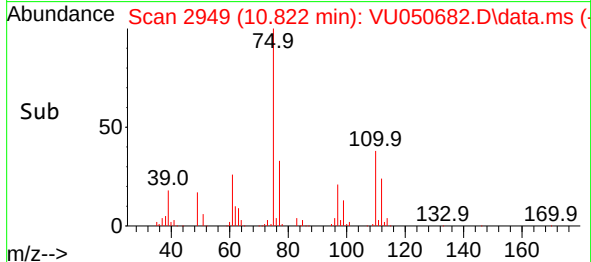
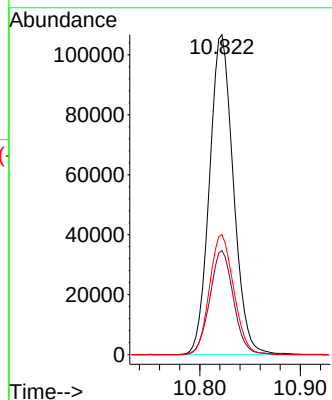
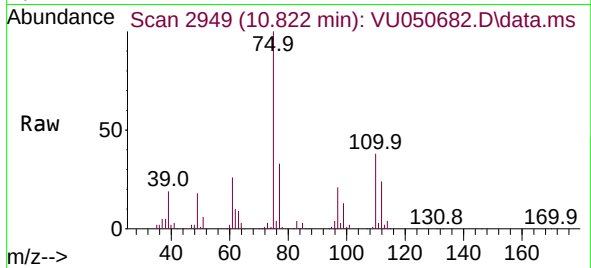




#60
1,2,3-Trichloropropane
Concen: 50.478 ug/L
RT: 10.822 min Scan# 2949
Delta R.T. 0.000 min
Lab File: VU050682.D
Acq: 08 Sep 2022 13:25

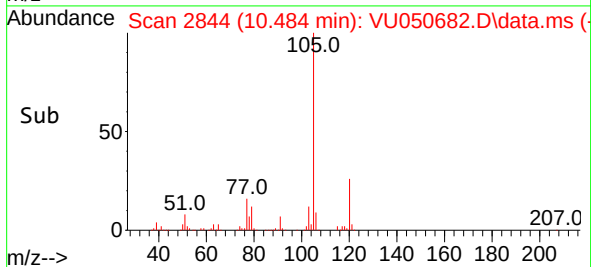
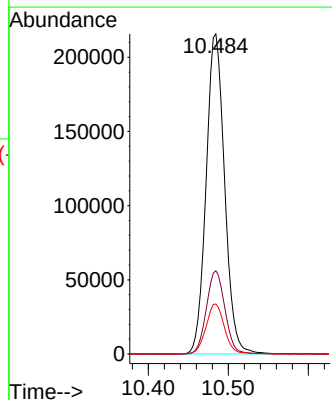
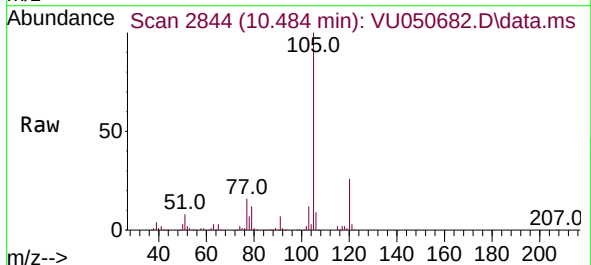
Instrument :
MSVOA_U
ClientSampleId :

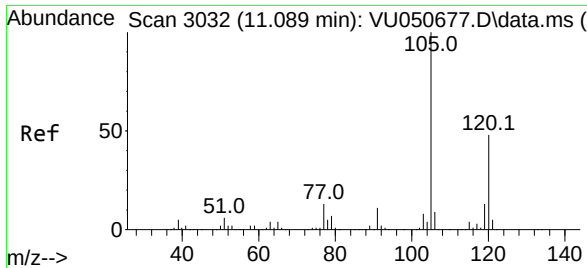
Tgt Ion: 75 Resp: 176178
Ion Ratio Lower Upper
75 100
77 32.3 25.8 38.8
110 38.2 29.3 43.9



#61
Isopropylbenzene
Concen: 36.892 ug/L
RT: 10.484 min Scan# 2844
Delta R.T. 0.000 min
Lab File: VU050682.D
Acq: 08 Sep 2022 13:25

Tgt Ion: 105 Resp: 347367
Ion Ratio Lower Upper
105 100
120 26.0 20.4 30.6
77 15.7 12.8 19.2

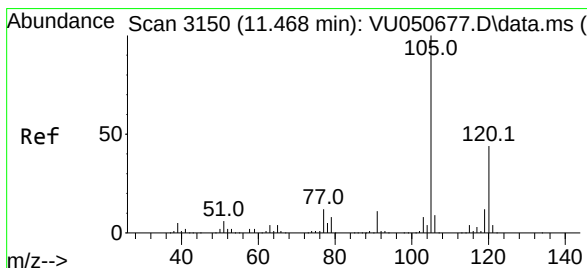
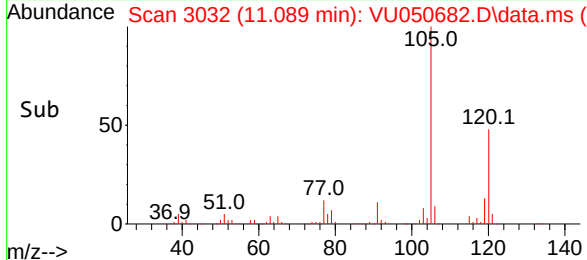
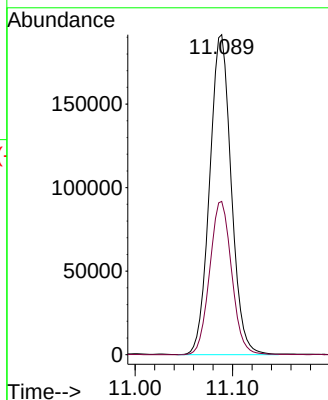
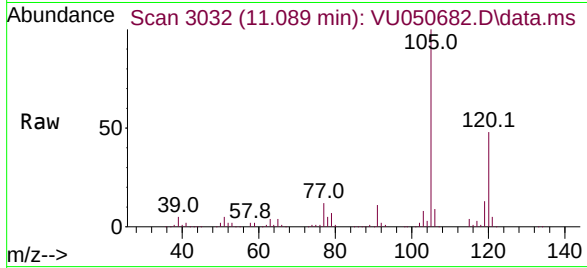




#62
 1,3,5-Trimethylbenzene
 Concen: 36.695 ug/L
 RT: 11.089 min Scan# 3032
 Delta R.T. 0.000 min
 Lab File: VU050682.D
 Acq: 08 Sep 2022 13:25

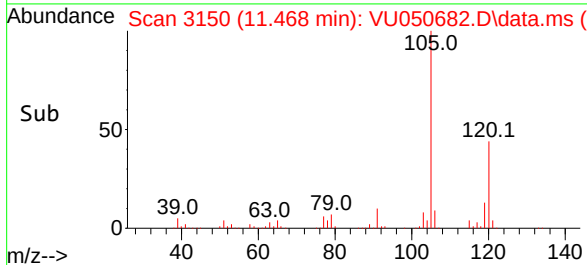
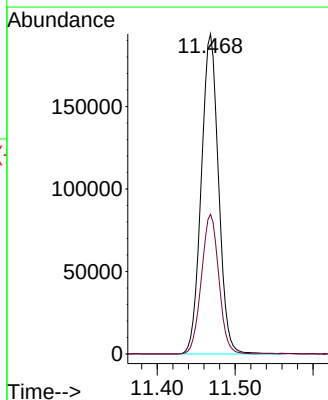
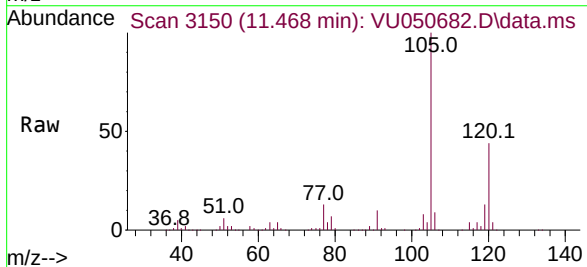
Instrument :
 MSVOA_U
 ClientSampleId :

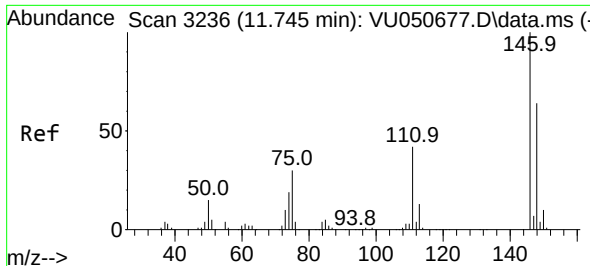
Tgt Ion:105 Resp: 295385
 Ion Ratio Lower Upper
 105 100
 120 48.6 37.7 56.5



#63
 1,2,4-Trimethylbenzene
 Concen: 38.598 ug/L
 RT: 11.468 min Scan# 3150
 Delta R.T. 0.000 min
 Lab File: VU050682.D
 Acq: 08 Sep 2022 13:25

Tgt Ion:105 Resp: 298357
 Ion Ratio Lower Upper
 105 100
 120 44.1 35.3 52.9

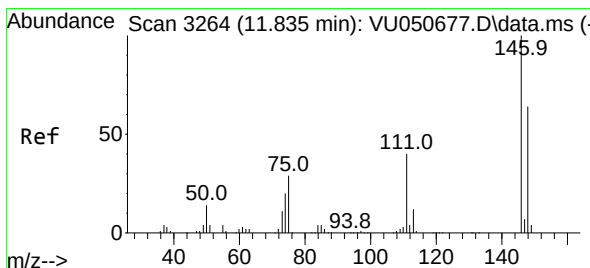
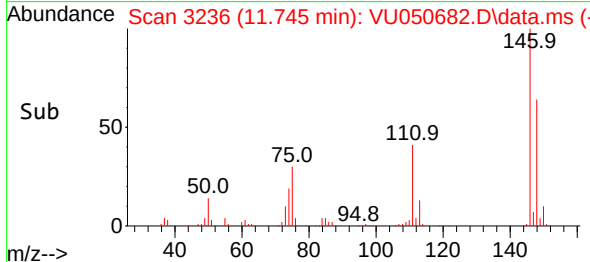
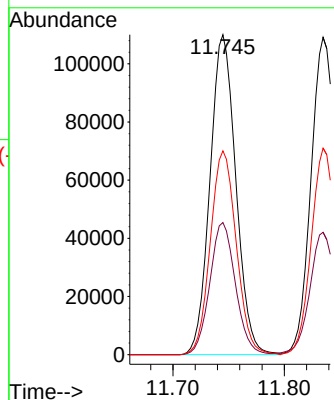
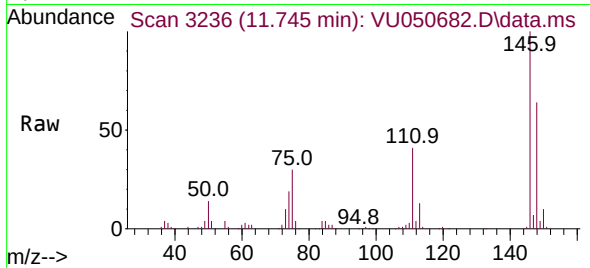




#64
1,3-Dichlorobenzene
Concen: 42.858 ug/L
RT: 11.745 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU050682.D
Acq: 08 Sep 2022 13:25

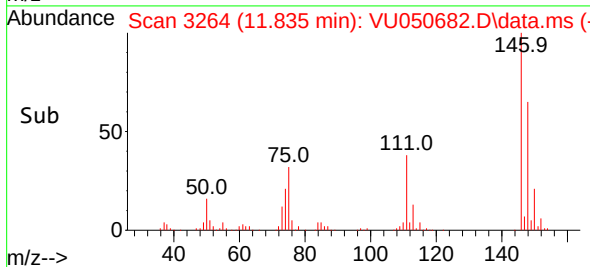
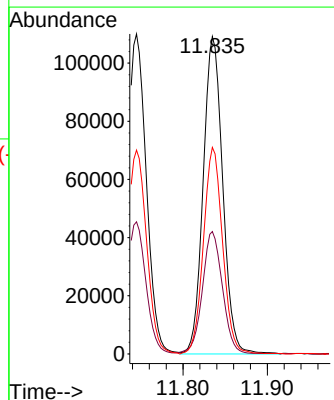
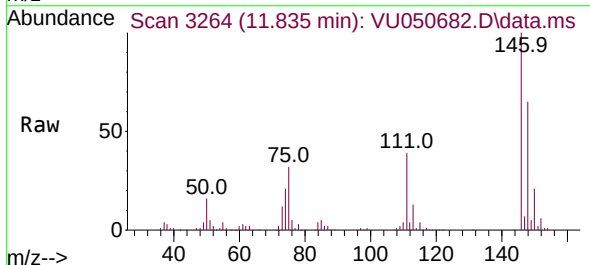
Instrument :
MSVOA_U
ClientSampleId :

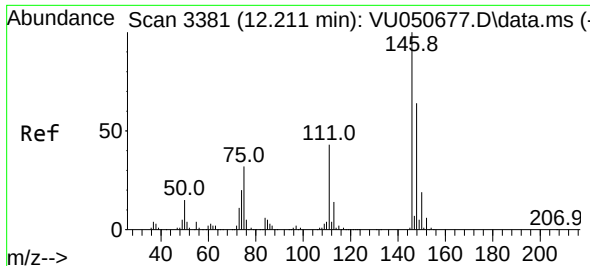
Tgt Ion:146 Resp: 177561
Ion Ratio Lower Upper
146 100
111 41.3 29.9 55.5
148 63.7 45.5 84.5



#65
1,4-Dichlorobenzene
Concen: 43.012 ug/L
RT: 11.835 min Scan# 3264
Delta R.T. 0.000 min
Lab File: VU050682.D
Acq: 08 Sep 2022 13:25

Tgt Ion:146 Resp: 176140
Ion Ratio Lower Upper
146 100
111 38.6 27.9 51.7
148 65.1 44.4 82.4





#67

1,2-Dichlorobenzene

Concen: 45.031 ug/L

RT: 12.211 min Scan# 3381

Delta R.T. 0.000 min

Lab File: VU050682.D

Acq: 08 Sep 2022 13:25

Instrument :

MSVOA_U

ClientSampleId :

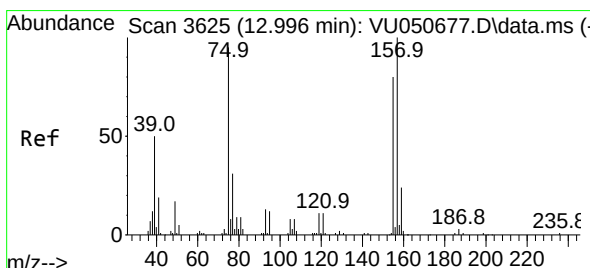
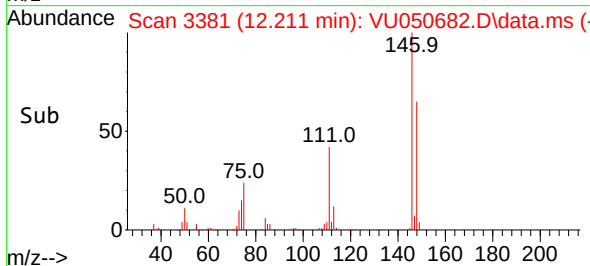
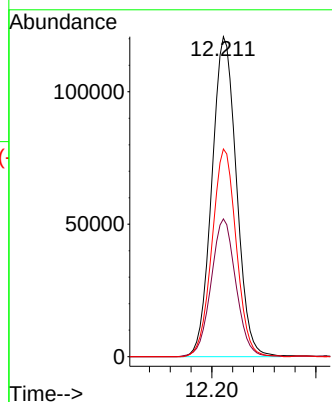
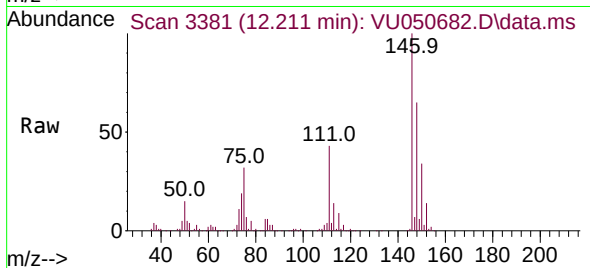
Tgt Ion:146 Resp: 198696

Ion Ratio Lower Upper

146 100

111 43.0 35.1 52.7

148 64.9 51.8 77.6



#68

1,2-Dibromo-3-chloropropane

Concen: 52.143 ug/L

RT: 12.996 min Scan# 3625

Delta R.T. 0.000 min

Lab File: VU050682.D

Acq: 08 Sep 2022 13:25

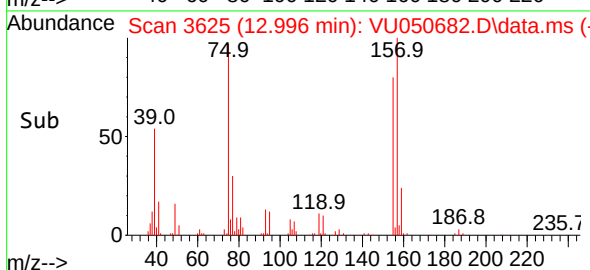
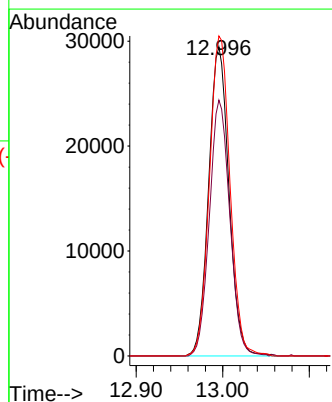
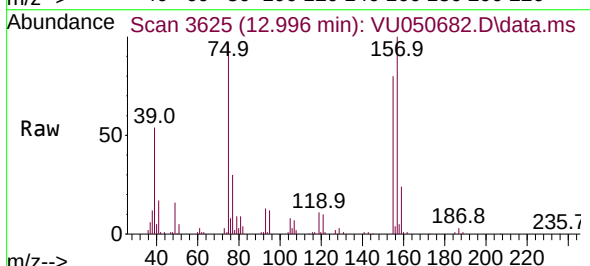
Tgt Ion: 75 Resp: 48060

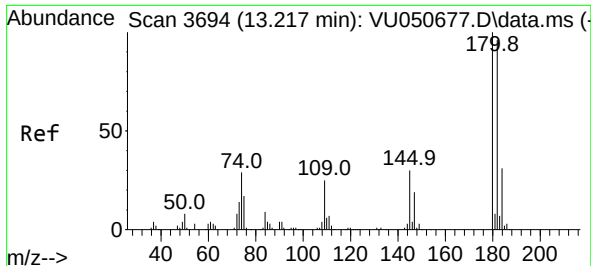
Ion Ratio Lower Upper

75 100

155 82.8 67.8 101.6

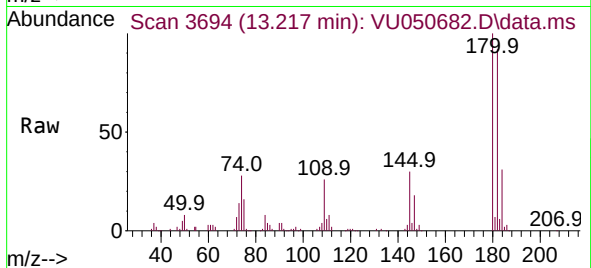
157 108.3 82.6 124.0



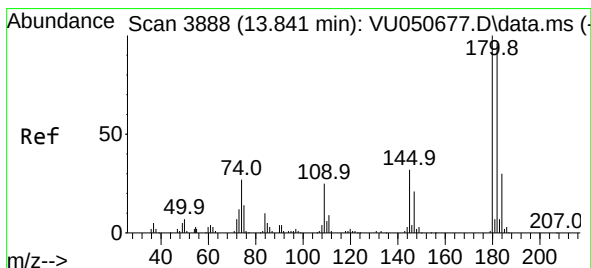
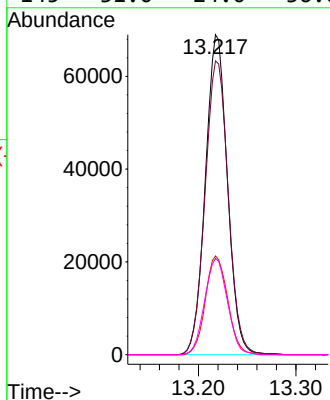
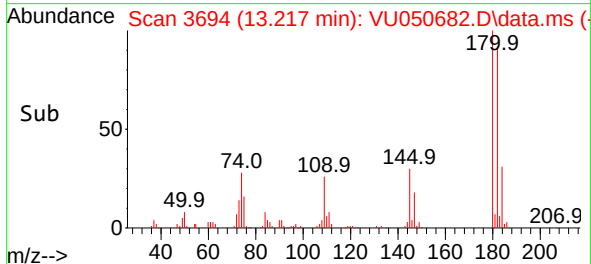


#69
 1,3,5-Trichlorobenzene
 Concen: 35.985 ug/L
 RT: 13.217 min Scan# 3694
 Delta R.T. 0.000 min
 Lab File: VU050682.D
 Acq: 08 Sep 2022 13:25

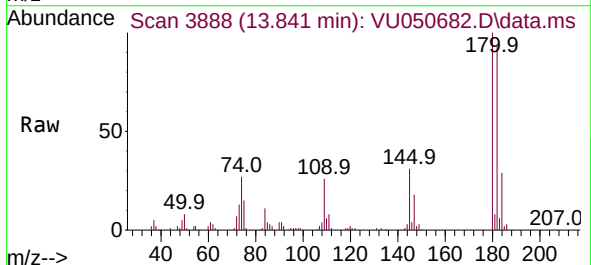
Instrument :
 MSVOA_U
 ClientSampleId :



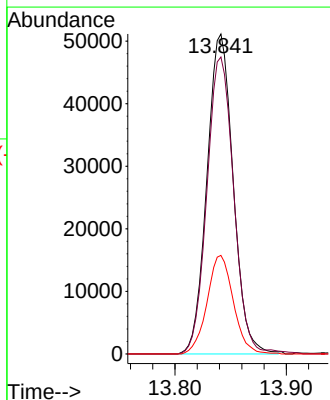
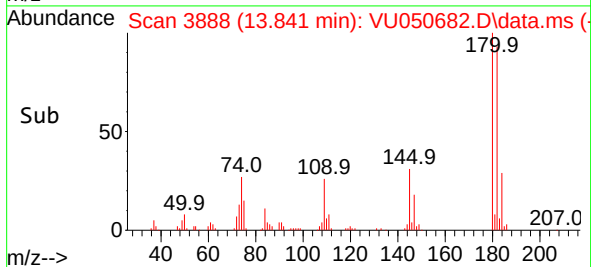
Tgt Ion:180 Resp: 108194
 Ion Ratio Lower Upper
 180 100
 182 96.5 75.3 112.9
 184 31.4 23.8 35.8
 145 31.0 24.0 36.0

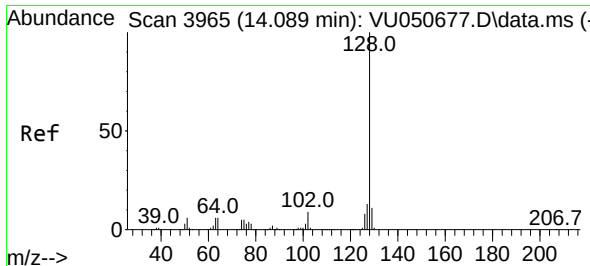


#70
 1,2,4-trichlorobenzene
 Concen: 32.797 ug/L
 RT: 13.841 min Scan# 3888
 Delta R.T. 0.000 min
 Lab File: VU050682.D
 Acq: 08 Sep 2022 13:25



Tgt Ion:180 Resp: 83731
 Ion Ratio Lower Upper
 180 100
 182 93.9 76.2 114.2
 145 30.8 24.7 37.1

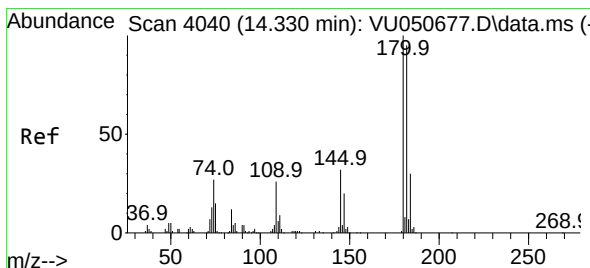
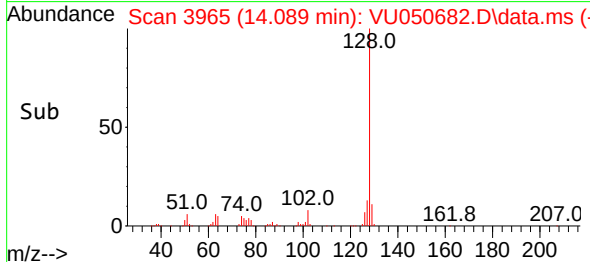
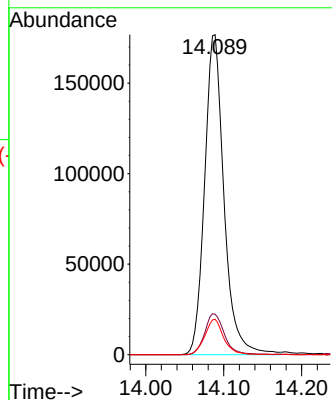
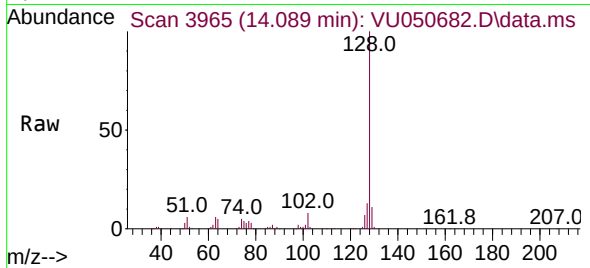




#71
Naphthalene
Concen: 33.808 ug/L
RT: 14.089 min Scan# 3965
Delta R.T. 0.000 min
Lab File: VU050682.D
Acq: 08 Sep 2022 13:25

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:128 Resp: 306019
Ion Ratio Lower Upper
128 100
127 13.0 10.1 15.1
129 10.7 8.4 12.6



#72
1,2,3-Trichlorobenzene
Concen: 35.365 ug/L
RT: 14.330 min Scan# 4040
Delta R.T. 0.000 min
Lab File: VU050682.D
Acq: 08 Sep 2022 13:25

Tgt Ion:180 Resp: 97772
Ion Ratio Lower Upper
180 100
182 96.4 76.1 114.1
145 32.5 26.4 39.6

