

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\U091322\
 Data File : VU050707.D
 Acq On : 13 Sep 2022 15:58
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 14 02:00:22 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM090222WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Sep 10 01:20:12 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	408360	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	396590	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	191981	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.594	65	192829	55.208	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	110.420%
7) Chloroethane-d5	1.896	69	136273	57.696	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	115.400%
11) 1,1-Dichloroethene-d2	2.562	63	319997	51.845	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	103.680%
21) 2-Butanone-d5	4.620	46	261325	102.264	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	102.260%
24) Chloroform-d	5.060	84	337444	50.976	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.960%
26) 1,2-Dichloroethane-d4	5.700	65	200998	49.688	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.380%
32) Benzene-d6	5.726	84	687093	52.425	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.860%
36) 1,2-Dichloropropane-d6	6.690	67	224785	52.240	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	104.480%
41) Toluene-d8	7.899	98	616943	55.046	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	110.100%
43) trans-1,3-Dichloroprop...	8.179	79	97292	54.646	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	109.300%
47) 2-Hexanone-d5	8.632	63	142143	131.327	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	131.330%#
56) 1,1,2,2-Tetrachloroeth...	10.754	84	326025	50.068	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.140%
66) 1,2-Dichlorobenzene-d4	12.195	152	201158	44.760	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.520%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.382	85	184287	46.984	ug/L	99
3) Chloromethane	1.517	50	215584	50.868	ug/L	98
5) Vinyl chloride	1.600	62	197917	49.566	ug/L	97
6) Bromomethane	1.835	94	87550	43.476	ug/L	97
8) Chloroethane	1.919	64	98960	46.661	ug/L	99
9) Trichlorofluoromethane	2.128	101	227981	46.863	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.571	101	158090	49.538	ug/L	99
12) 1,1-Dichloroethene	2.571	96	148330	47.836	ug/L	91
13) Acetone	2.623	43	233866	121.322	ug/L	100
14) Carbon disulfide	2.787	76	469631	51.075	ug/L	99
15) Methyl Acetate	2.944	43	195792	48.026	ug/L	99
16) Methylene chloride	3.041	84	187598	46.099	ug/L	98
17) trans-1,2-Dichloroethene	3.350	96	153735	46.754	ug/L	98
18) Methyl tert-butyl Ether	3.362	73	469460	46.048	ug/L	99
19) 1,1-Dichloroethane	3.864	63	314751	49.615	ug/L	99
20) cis-1,2-Dichloroethene	4.665	96	174415	47.012	ug/L	99
22) 2-Butanone	4.700	43	309512	102.659	ug/L	97
23) Bromochloromethane	4.970	128	91031	47.484	ug/L	95
25) Chloroform	5.086	83	319259	49.396	ug/L	99

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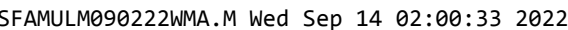
Instrument :
 MSVOA_U
 ClientSampleId :

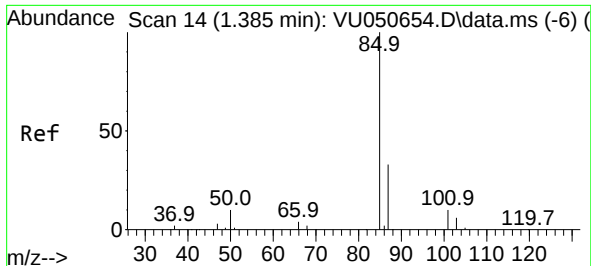
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 Quant Title : VOC Analysis
 QLast Update : Sat Sep 10 01:20:12 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.793	62	239688	50.036	ug/L	98
29) Cyclohexane	5.388	56	265930	50.069	ug/L	99
30) 1,1,1-Trichloroethane	5.314	97	252616	47.292	ug/L	98
31) Carbon tetrachloride	5.523	117	215456	49.231	ug/L	99
33) Benzene	5.771	78	731714	50.697	ug/L	100
34) Trichloroethene	6.542	95	165646	49.255	ug/L	99
35) Methylcyclohexane	6.764	83	273320	51.121	ug/L	98
37) 1,2-Dichloropropane	6.790	63	198266	52.006	ug/L	100
38) Bromodichloromethane	7.105	83	236449	52.725	ug/L	100
39) cis-1,3-Dichloropropene	7.607	75	266550	51.653	ug/L	100
40) 4-Methyl-2-pentanone	7.790	43	531482	102.302	ug/L	99
42) Toluene	7.970	91	757724	51.683	ug/L	97
44) trans-1,3-Dichloropropene	8.211	75	253452	52.348	ug/L	99
45) 1,1,2-Trichloroethane	8.401	97	182825	49.921	ug/L	98
46) Tetrachloroethene	8.552	164	122091	49.705	ug/L	100
48) 2-Hexanone	8.684	43	453225	93.477	ug/L	98
49) Dibromochloromethane	8.809	129	184193	52.731	ug/L	99
50) 1,2-Dibromoethane	8.925	107	186319	50.026	ug/L	96
51) Chlorobenzene	9.446	112	441028	48.470	ug/L	99
52) Ethylbenzene	9.571	91	739642	51.069	ug/L	100
53) m,p-Xylene	9.693	106	285535	51.459	ug/L	97
54) o-Xylene	10.102	106	280308	50.741	ug/L	98
55) Styrene	10.115	104	485057	53.365	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.783	83	330112	50.604	ug/L	99
59) Bromoform	10.291	173	135270	47.225	ug/L	98
60) 1,2,3-Trichloropropane	10.822	75	247672	43.969	ug/L	99
61) Isopropylbenzene	10.484	105	710918	46.782	ug/L	99
62) 1,3,5-Trimethylbenzene	11.089	105	591432	45.525	ug/L	99
63) 1,2,4-Trimethylbenzene	11.468	105	570885	45.761	ug/L	99
64) 1,3-Dichlorobenzene	11.745	146	317679	47.511	ug/L	98
65) 1,4-Dichlorobenzene	11.838	146	310874	47.036	ug/L	99
67) 1,2-Dichlorobenzene	12.211	146	324886	45.622	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.996	75	65104	43.767	ug/L	97
69) 1,3,5-Trichlorobenzene	13.221	180	218563	45.042	ug/L	99
70) 1,2,4-trichlorobenzene	13.841	180	166242	40.347	ug/L	100
71) Naphthalene	14.089	128	546237	37.391	ug/L	99
72) 1,2,3-Trichlorobenzene	14.330	180	190203	42.628	ug/L	100

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

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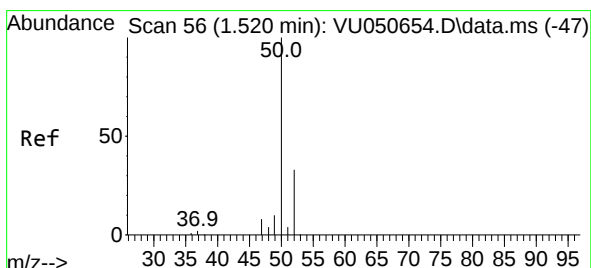
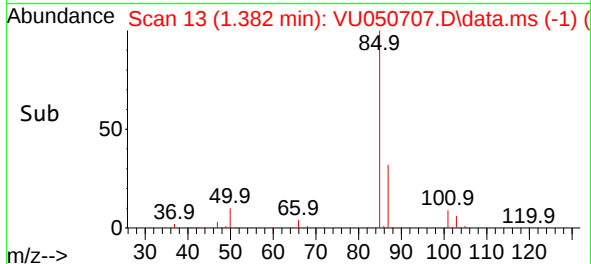
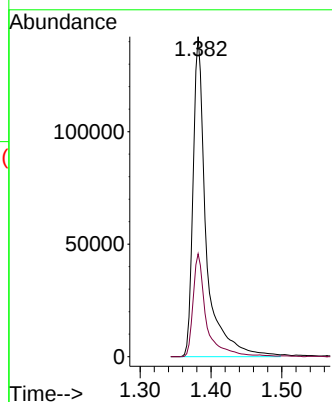
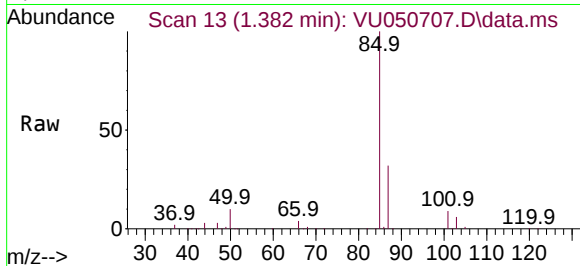




#2
 Dichlorodifluoromethane
 Concen: 46.984 ug/L
 RT: 1.382 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VU050707.D
 Acq: 13 Sep 2022 15:58

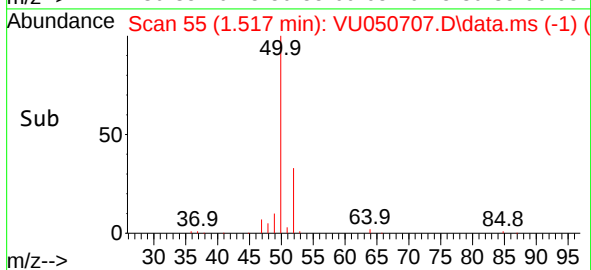
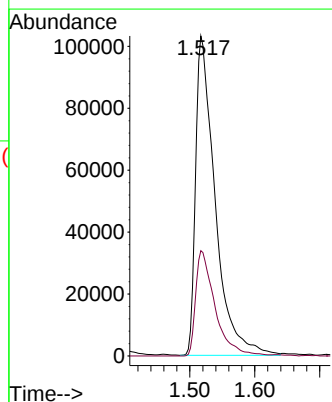
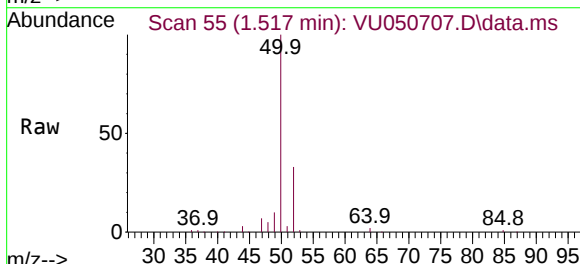
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 MSVOA_U
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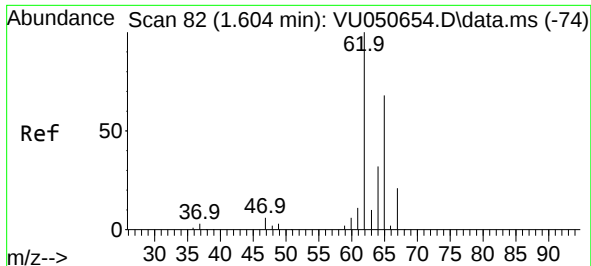
Tgt Ion: 85 Resp: 184287
 Ion Ratio Lower Upper
 85 100
 87 31.9 25.8 38.8



#3
 Chloromethane
 Concen: 50.868 ug/L
 RT: 1.517 min Scan# 55
 Delta R.T. -0.004 min
 Lab File: VU050707.D
 Acq: 13 Sep 2022 15:58

Tgt Ion: 50 Resp: 215584
 Ion Ratio Lower Upper
 50 100
 52 32.9 23.7 43.9

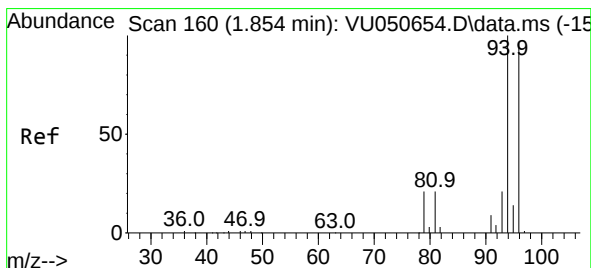
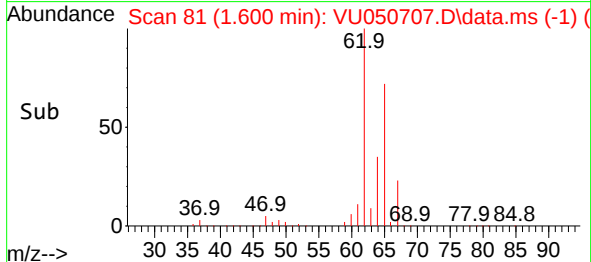
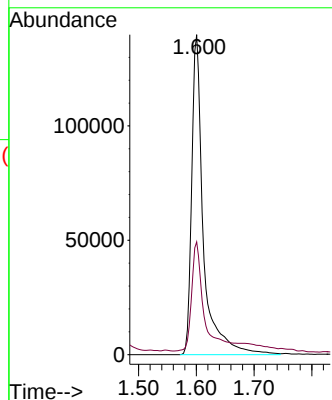
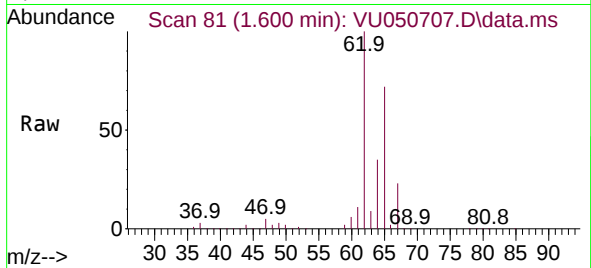




#5
 Vinyl chloride
 Concen: 49.566 ug/L
 RT: 1.600 min Scan# 81
 Delta R.T. -0.004 min
 Lab File: VU050707.D
 Acq: 13 Sep 2022 15:58

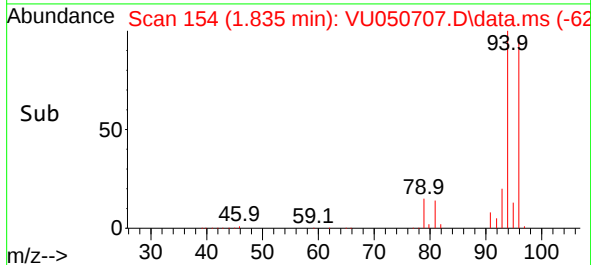
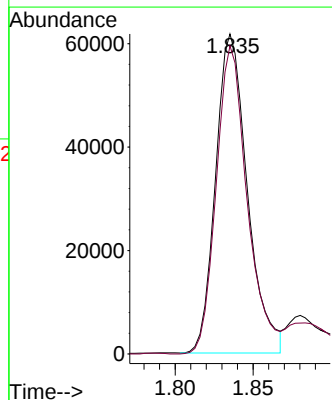
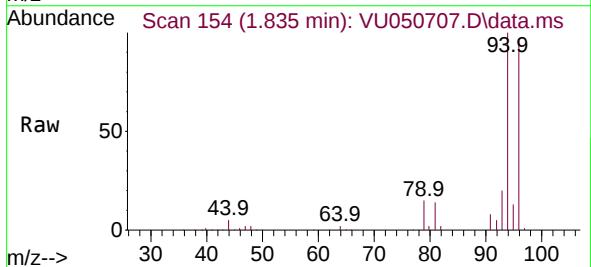
Instrument :
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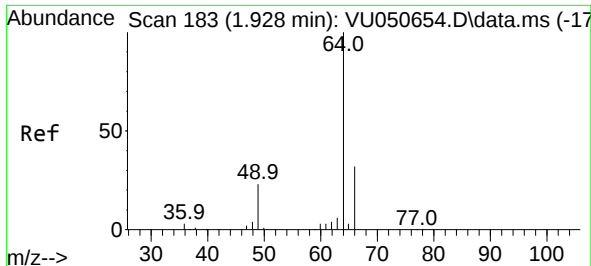
Tgt Ion: 62 Resp: 197917
 Ion Ratio Lower Upper
 62 100
 64 35.2 23.5 43.7



#6
 Bromomethane
 Concen: 43.476 ug/L
 RT: 1.835 min Scan# 154
 Delta R.T. -0.004 min
 Lab File: VU050707.D
 Acq: 13 Sep 2022 15:58

Tgt Ion: 94 Resp: 87550
 Ion Ratio Lower Upper
 94 100
 96 96.3 65.6 121.8

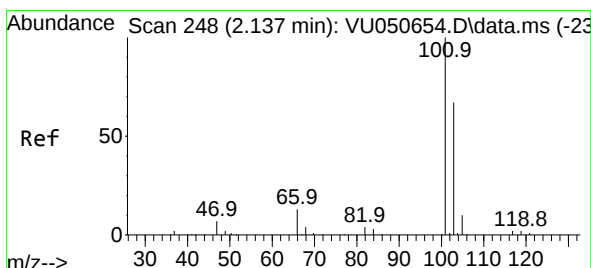
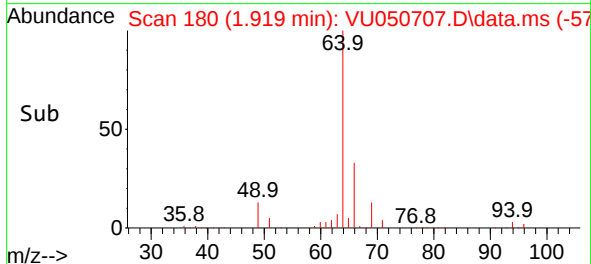
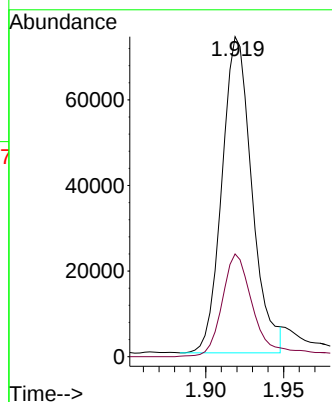
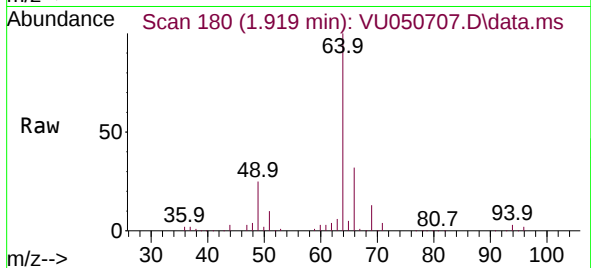




#8
Chloroethane
Concen: 46.661 ug/L
RT: 1.919 min Scan# 11
Delta R.T. -0.004 min
Lab File: VU050707.D
Acq: 13 Sep 2022 15:58

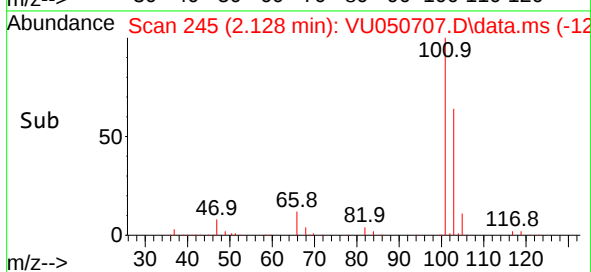
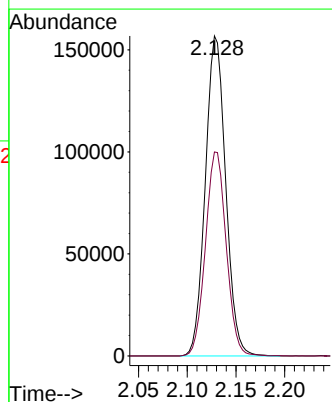
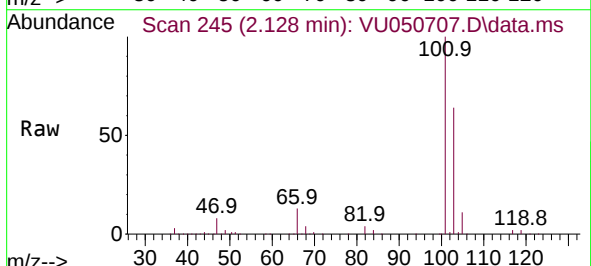
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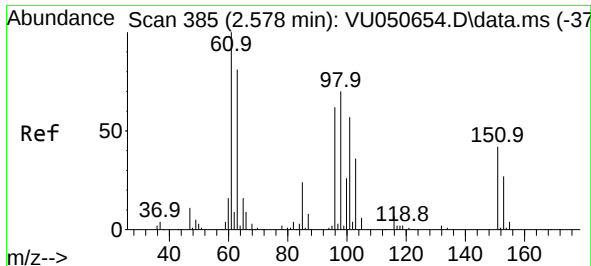
Tgt Ion: 64 Resp: 98960
Ion Ratio Lower Upper
64 100
66 32.1 21.9 40.7



#9
Trichlorofluoromethane
Concen: 46.863 ug/L
RT: 2.128 min Scan# 245
Delta R.T. -0.004 min
Lab File: VU050707.D
Acq: 13 Sep 2022 15:58

Tgt Ion:101 Resp: 227981
Ion Ratio Lower Upper
101 100
103 64.9 51.4 77.0

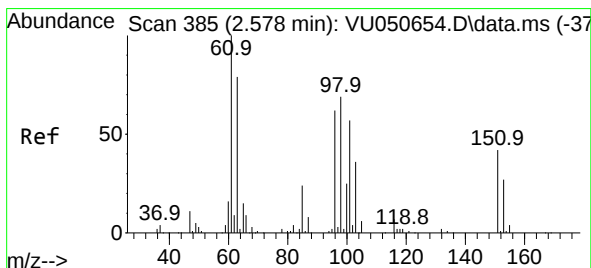
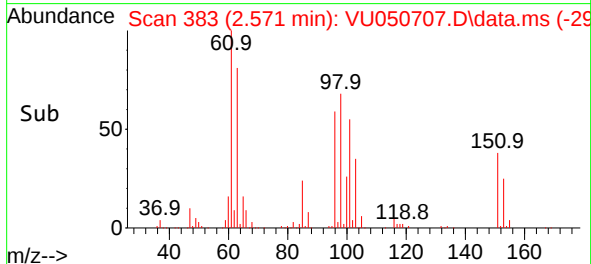
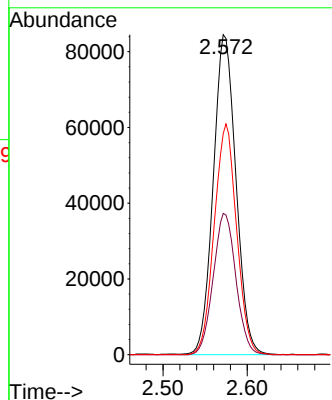
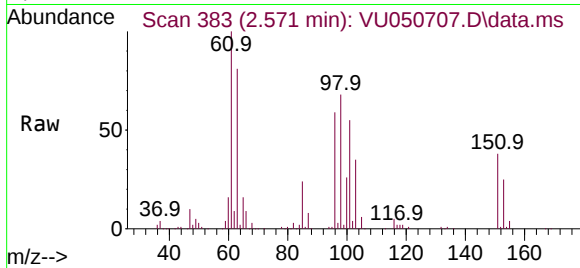




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 49.538 ug/L
 RT: 2.571 min Scan# 383
 Delta R.T. -0.004 min
 Lab File: VU050707.D
 Acq: 13 Sep 2022 15:58

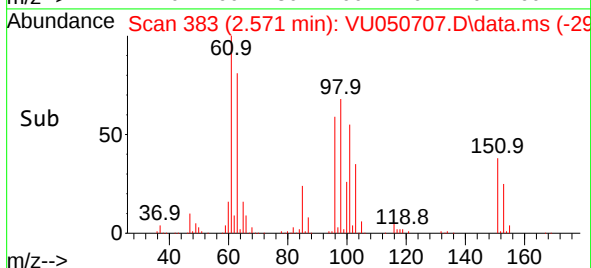
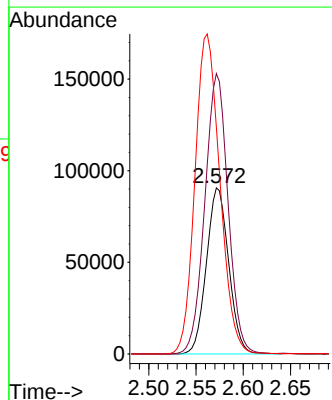
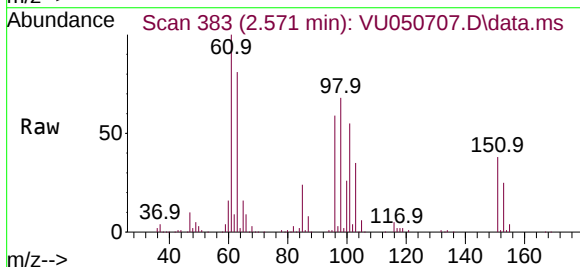
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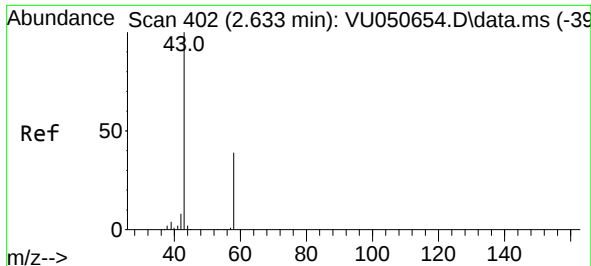
Tgt Ion:101 Resp: 158090
 Ion Ratio Lower Upper
 101 100
 85 44.0 34.4 51.6
 151 71.1 57.7 86.5



#12
 1,1-Dichloroethene
 Concen: 47.836 ug/L
 RT: 2.571 min Scan# 383
 Delta R.T. -0.004 min
 Lab File: VU050707.D
 Acq: 13 Sep 2022 15:58

Tgt Ion: 96 Resp: 148330
 Ion Ratio Lower Upper
 96 100
 61 168.7 118.0 219.1
 63 136.5 79.5 147.7





#13

Acetone

Concen: 121.322 ug/L

RT: 2.623 min Scan# 399

Delta R.T. -0.000 min

Lab File: VU050707.D

Acq: 13 Sep 2022 15:58

Instrument :

MSVOA_U

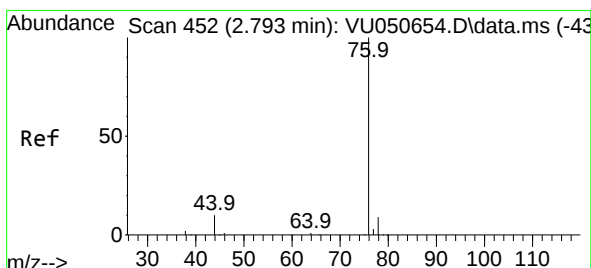
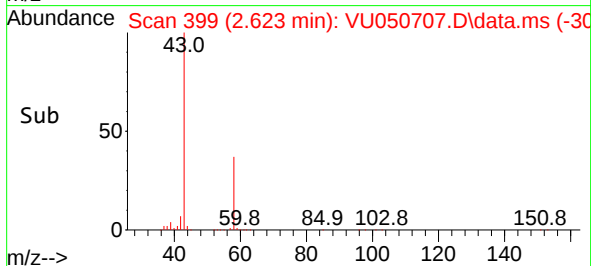
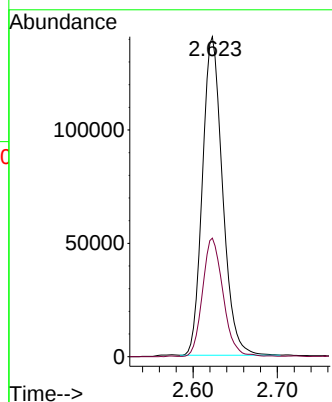
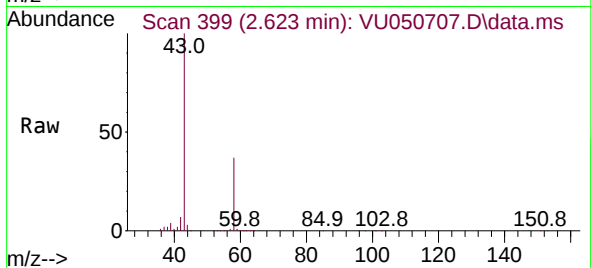
ClientSampleId :

Tgt Ion: 43 Resp: 233866

Ion Ratio Lower Upper

43 100

58 38.0 0.0 76.2



#14

Carbon disulfide

Concen: 51.075 ug/L

RT: 2.787 min Scan# 450

Delta R.T. -0.004 min

Lab File: VU050707.D

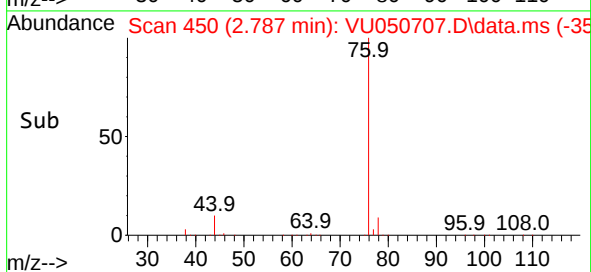
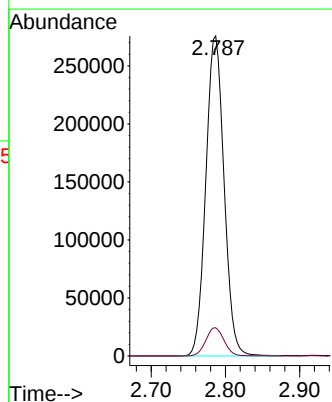
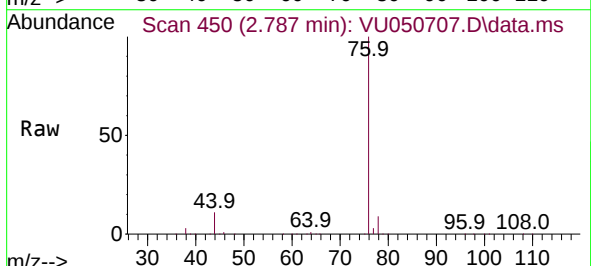
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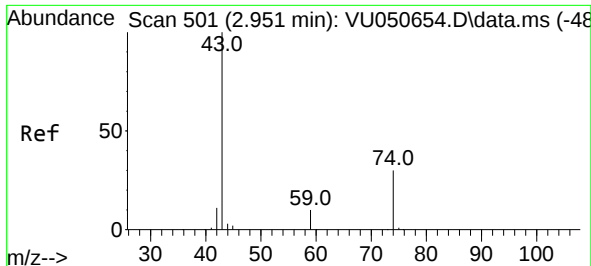
Tgt Ion: 76 Resp: 469631

Ion Ratio Lower Upper

76 100

78 8.8 7.3 10.9

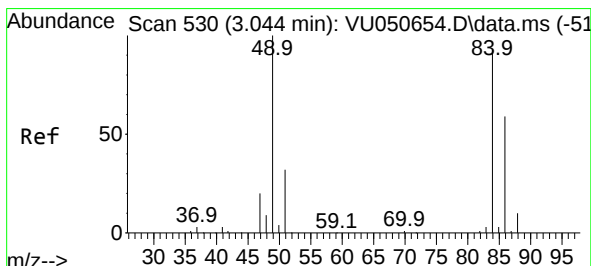
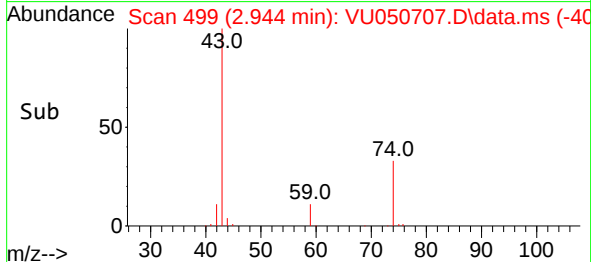
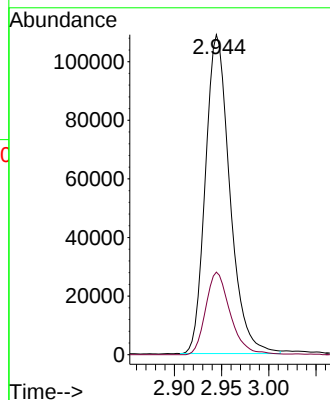
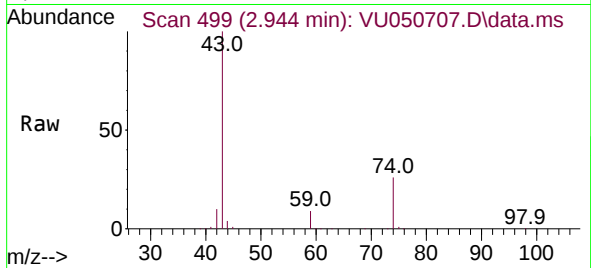




#15
Methyl Acetate
Concen: 48.026 ug/L
RT: 2.944 min Scan# 499
Delta R.T. -0.000 min
Lab File: VU050707.D
Acq: 13 Sep 2022 15:58

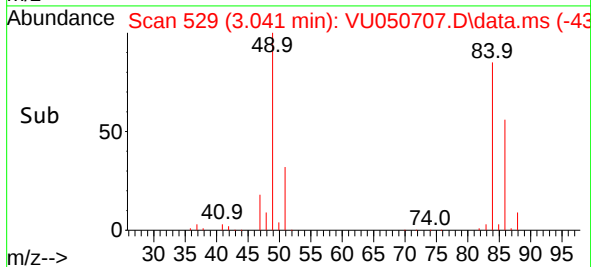
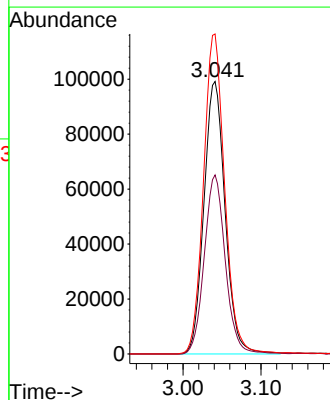
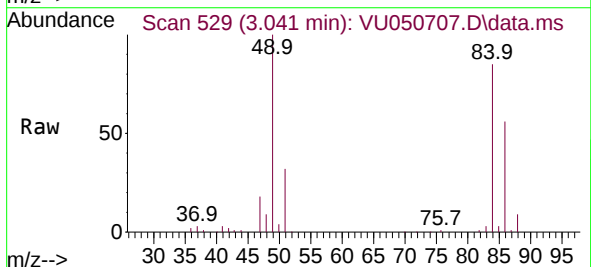
Instrument :
MSVOA_U
ClientSampleId :

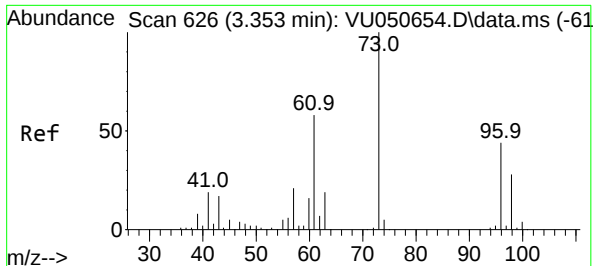
Tgt Ion: 43 Resp: 195792
Ion Ratio Lower Upper
43 100
74 26.1 21.2 31.8



#16
Methylene chloride
Concen: 46.099 ug/L
RT: 3.041 min Scan# 529
Delta R.T. -0.000 min
Lab File: VU050707.D
Acq: 13 Sep 2022 15:58

Tgt Ion: 84 Resp: 187598
Ion Ratio Lower Upper
84 100
86 65.7 44.8 83.2
49 117.5 80.6 149.8

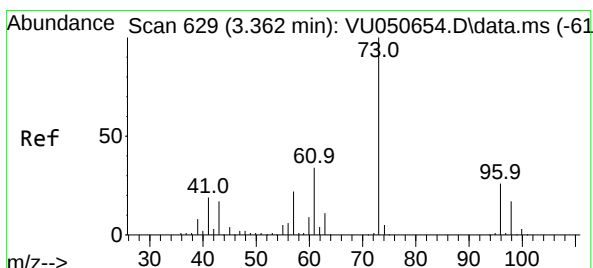
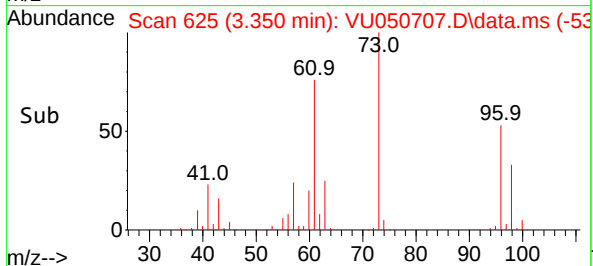
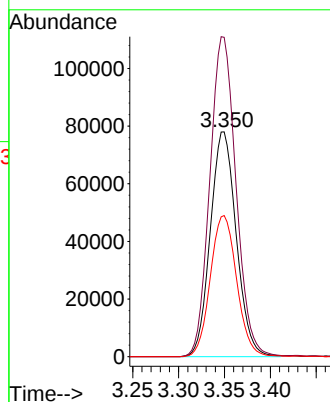
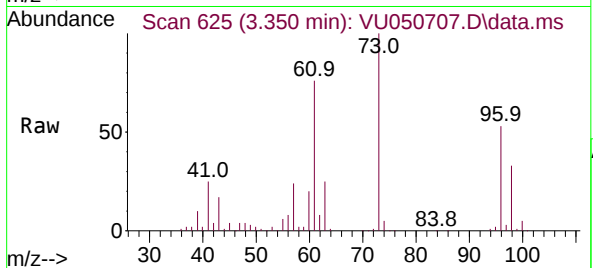




#17
 trans-1,2-Dichloroethene
 Concen: 46.754 ug/L
 RT: 3.350 min Scan# 61
 Delta R.T. -0.000 min
 Lab File: VU050707.D
 Acq: 13 Sep 2022 15:58

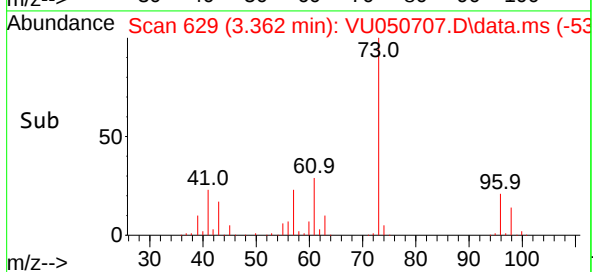
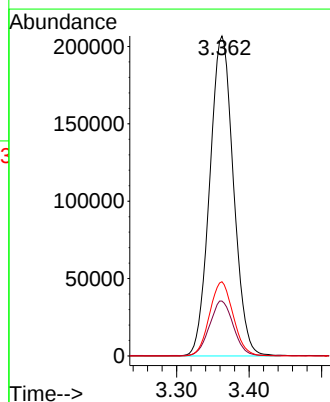
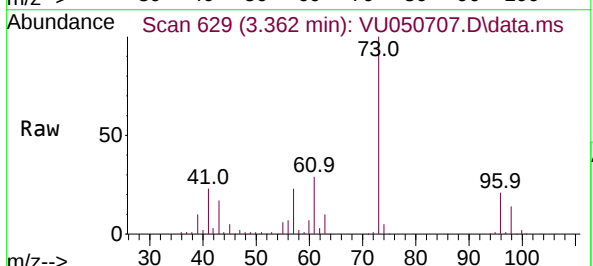
Instrument :
 MSVOA_U
 ClientSampleId :

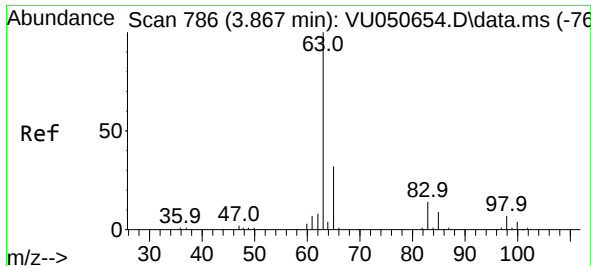
Tgt Ion: 96 Resp: 153735
 Ion Ratio Lower Upper
 96 100
 61 142.1 97.9 181.7
 98 62.8 44.8 83.2



#18
 Methyl tert-butyl Ether
 Concen: 46.048 ug/L
 RT: 3.362 min Scan# 629
 Delta R.T. -0.000 min
 Lab File: VU050707.D
 Acq: 13 Sep 2022 15:58

Tgt Ion: 73 Resp: 469460
 Ion Ratio Lower Upper
 73 100
 43 17.1 13.4 20.2
 57 23.2 17.8 26.8





#19

1,1-Dichloroethane

Concen: 49.615 ug/L

RT: 3.864 min Scan# 785

Delta R.T. -0.000 min

Lab File: VU050707.D

Acq: 13 Sep 2022 15:58

Instrument :

MSVOA_U

ClientSampleId :

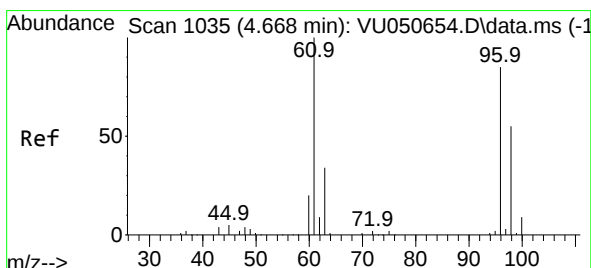
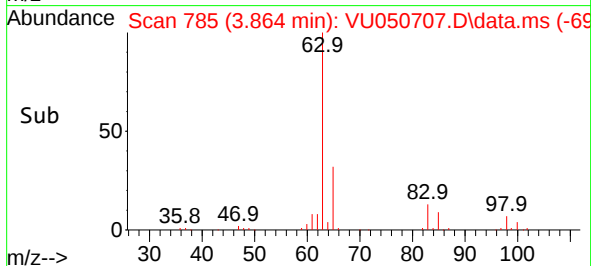
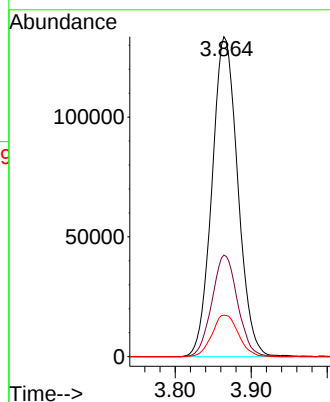
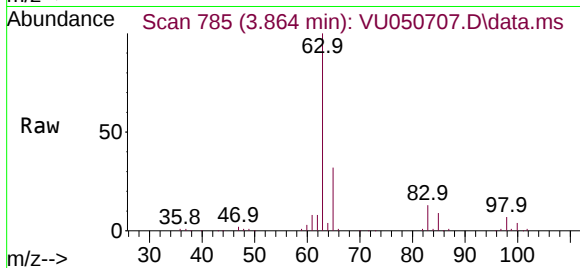
Tgt Ion: 63 Resp: 314751

Ion Ratio Lower Upper

63 100

65 31.7 22.4 41.6

83 12.9 9.5 17.7



#20

cis-1,2-Dichloroethene

Concen: 47.012 ug/L

RT: 4.665 min Scan# 1034

Delta R.T. -0.000 min

Lab File: VU050707.D

Acq: 13 Sep 2022 15:58

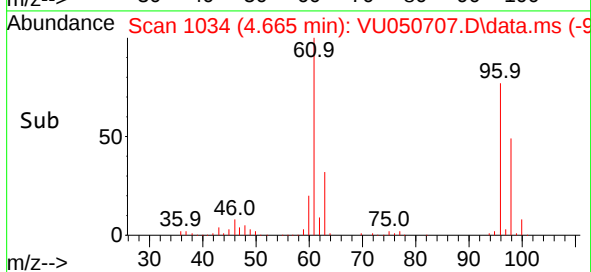
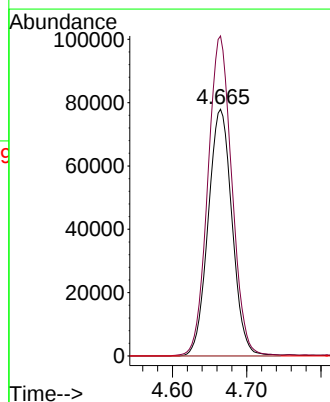
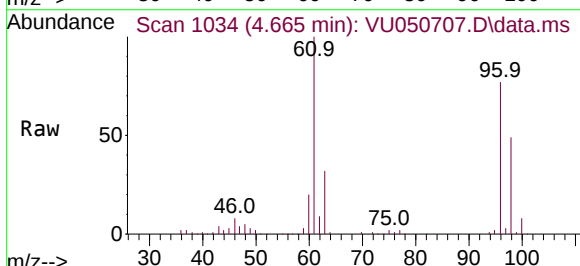
Tgt Ion: 96 Resp: 174415

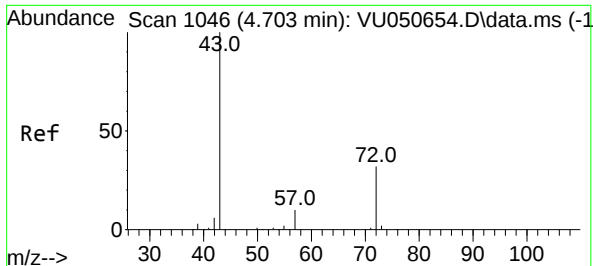
Ion Ratio Lower Upper

96 100

61 129.7 89.8 166.8

68 0.0 0.0 0.0





#22

2-Butanone

Concen: 102.659 ug/L

RT: 4.700 min Scan# 1109

Delta R.T. 0.003 min

Lab File: VU050707.D

Acq: 13 Sep 2022 15:58

Instrument :

MSVOA_U

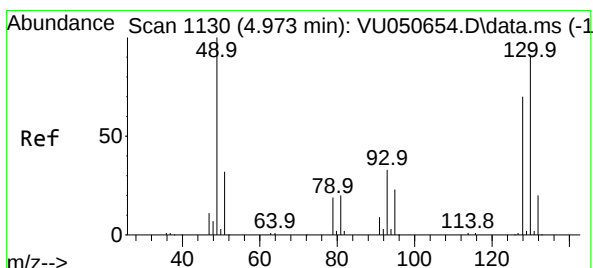
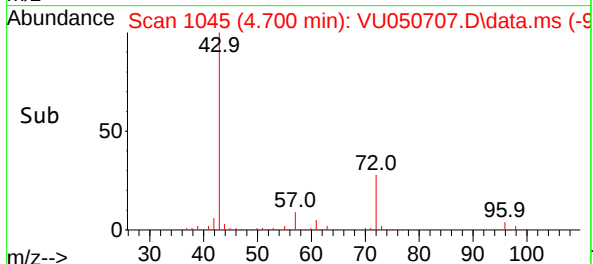
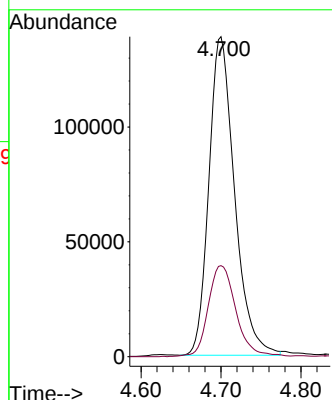
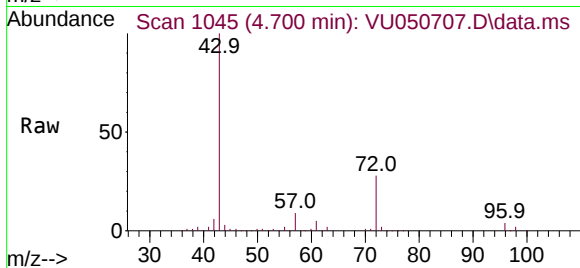
ClientSampleId :

Tgt Ion: 43 Resp: 309512

Ion Ratio Lower Upper

43 100

72 30.7 14.6 44.0



#23

Bromochloromethane

Concen: 47.484 ug/L

RT: 4.970 min Scan# 1129

Delta R.T. -0.004 min

Lab File: VU050707.D

Acq: 13 Sep 2022 15:58

Tgt Ion:128 Resp: 91031

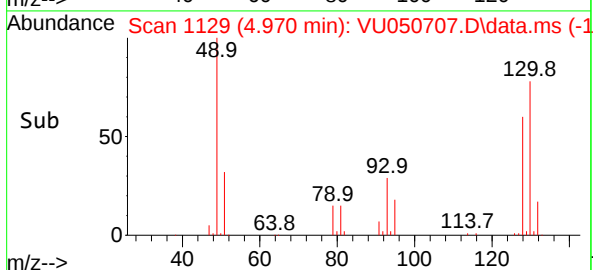
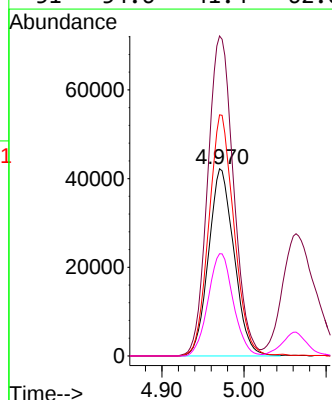
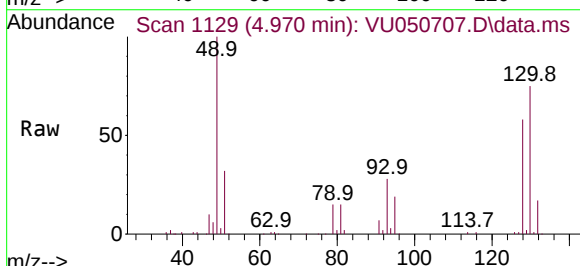
Ion Ratio Lower Upper

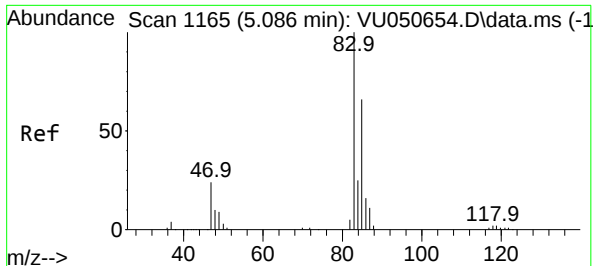
128 100

49 171.0 112.5 208.9

130 128.9 91.8 170.4

51 54.6 41.4 62.0





#25

Chloroform

Concen: 49.396 ug/L

RT: 5.086 min Scan# 1165

Delta R.T. -0.000 min

Lab File: VU050707.D

Acq: 13 Sep 2022 15:58

Instrument :

MSVOA_U

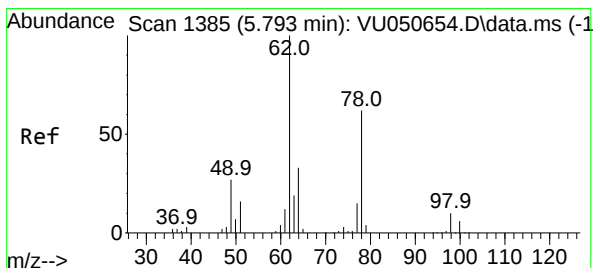
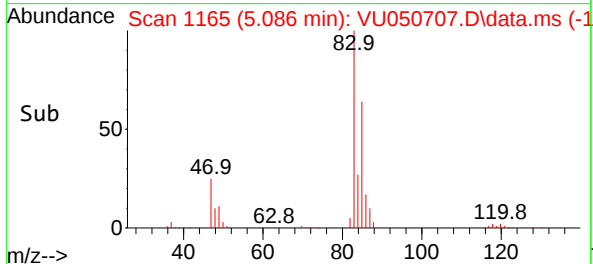
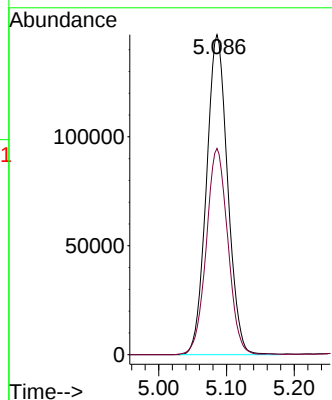
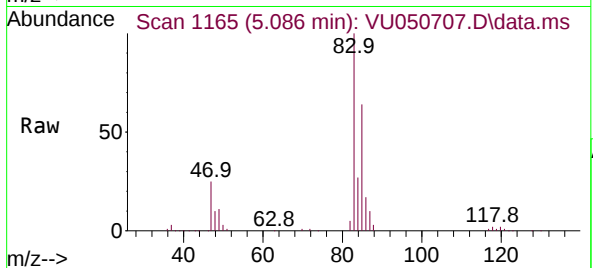
ClientSampleId :

Tgt Ion: 83 Resp: 319259

Ion Ratio Lower Upper

83 100

85 64.5 45.6 84.8



#27

1,2-Dichloroethane

Concen: 50.036 ug/L

RT: 5.793 min Scan# 1385

Delta R.T. -0.000 min

Lab File: VU050707.D

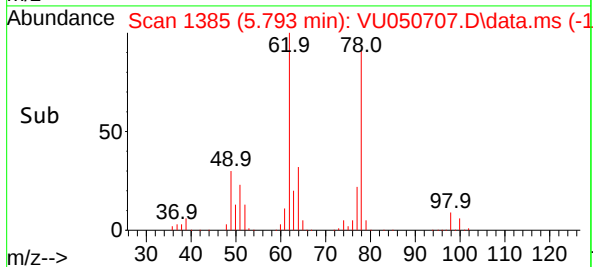
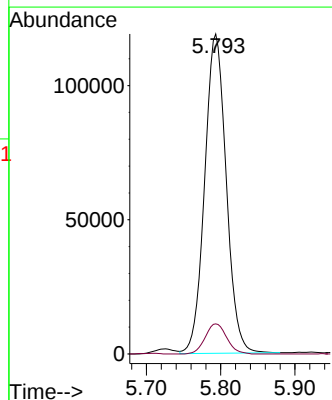
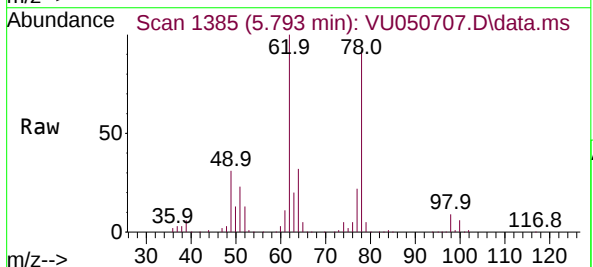
Acq: 13 Sep 2022 15:58

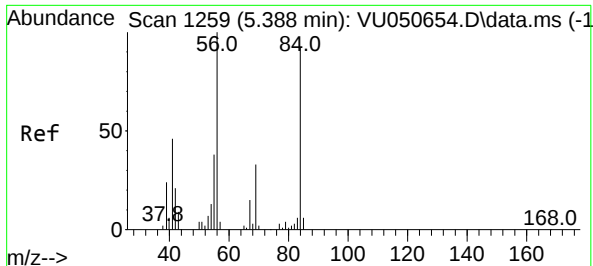
Tgt Ion: 62 Resp: 239688

Ion Ratio Lower Upper

62 100

98 9.4 8.2 12.2





#29

Cyclohexane

Concen: 50.069 ug/L

RT: 5.388 min Scan# 1259

Delta R.T. -0.000 min

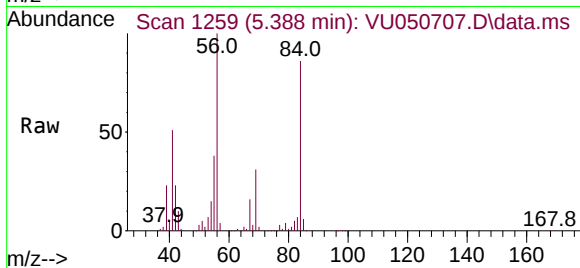
Lab File: VU050707.D

Acq: 13 Sep 2022 15:58

Instrument :

MSVOA_U

ClientSampleId :



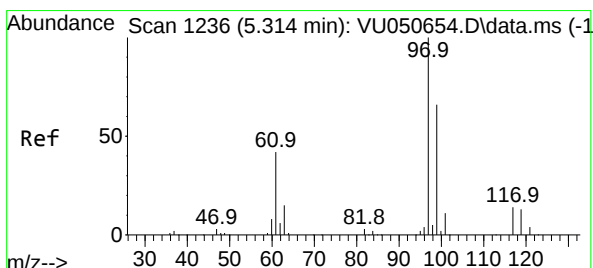
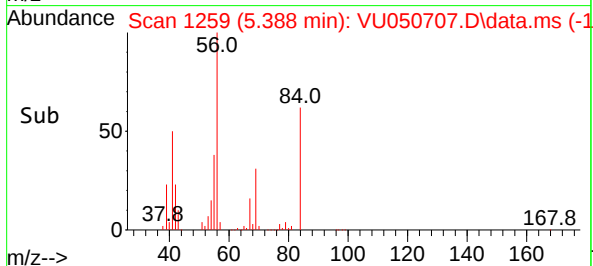
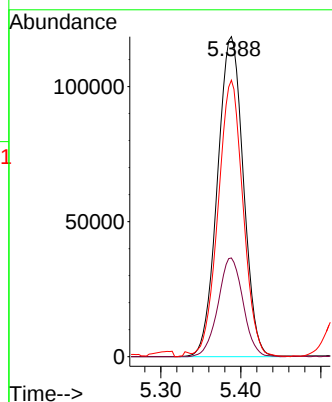
Tgt Ion: 56 Resp: 265930

Ion Ratio Lower Upper

56 100

69 29.8 24.6 37.0

84 83.4 67.4 101.2



#30

1,1,1-Trichloroethane

Concen: 47.292 ug/L

RT: 5.314 min Scan# 1236

Delta R.T. -0.000 min

Lab File: VU050707.D

Acq: 13 Sep 2022 15:58

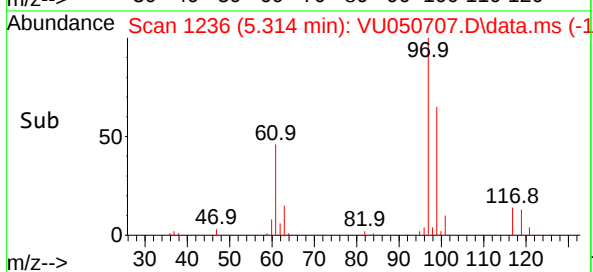
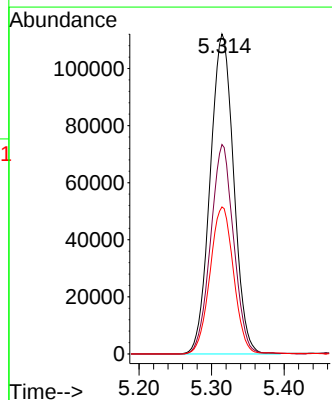
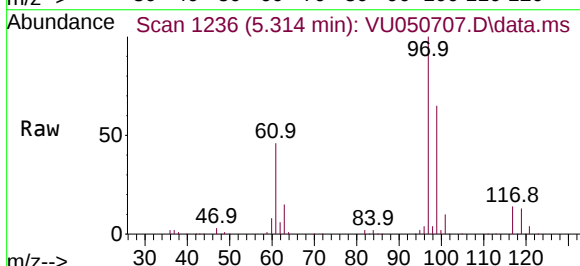
Tgt Ion: 97 Resp: 252616

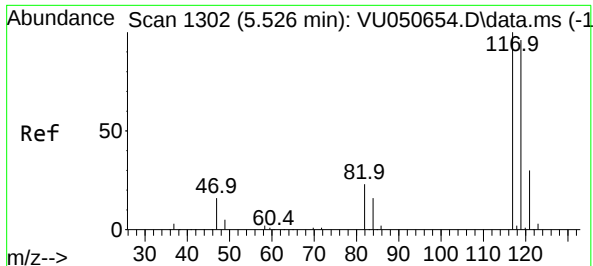
Ion Ratio Lower Upper

97 100

99 64.1 51.2 76.8

61 46.0 34.2 51.4

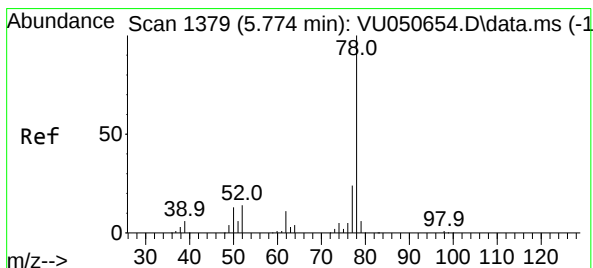
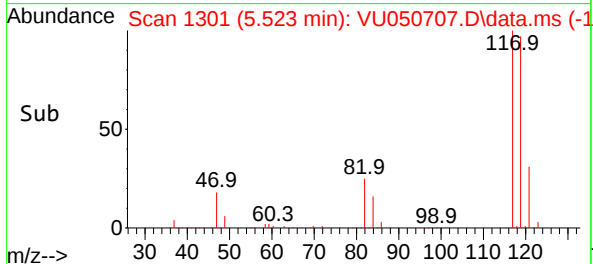
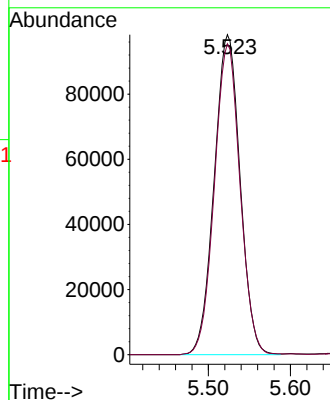
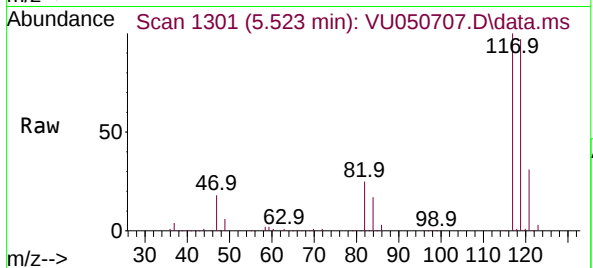




#31
Carbon tetrachloride
Concen: 49.231 ug/L
RT: 5.523 min Scan# 117
Delta R.T. -0.000 min
Lab File: VU050707.D
Acq: 13 Sep 2022 15:58

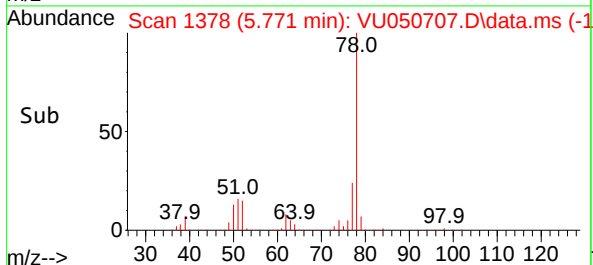
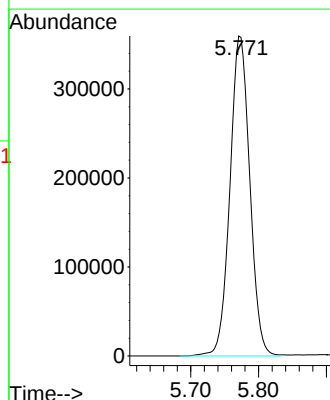
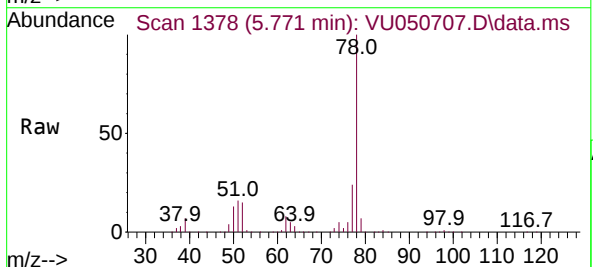
Instrument :
MSVOA_U
ClientSampleId :

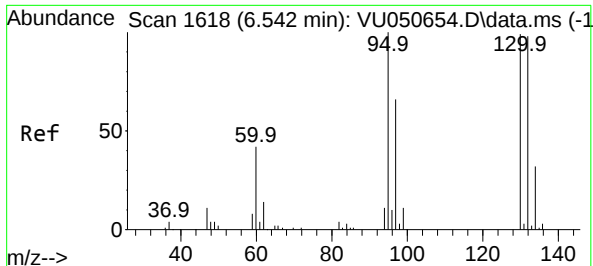
Tgt Ion:117 Resp: 215456
Ion Ratio Lower Upper
117 100
119 96.1 77.4 116.2



#33
Benzene
Concen: 50.697 ug/L
RT: 5.771 min Scan# 1378
Delta R.T. -0.000 min
Lab File: VU050707.D
Acq: 13 Sep 2022 15:58

Tgt Ion: 78 Resp: 731714

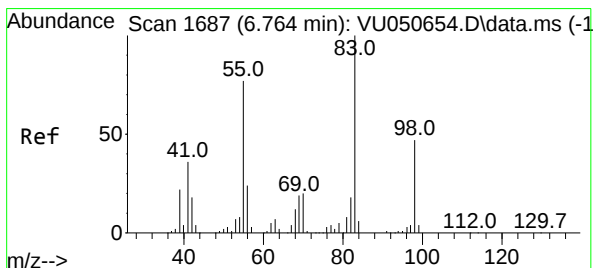
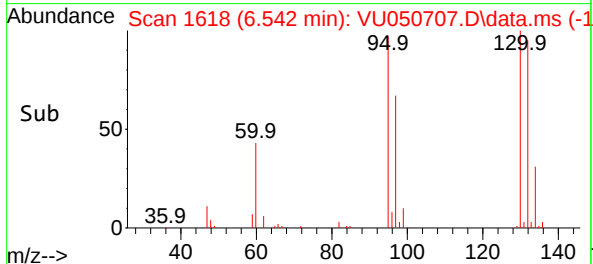
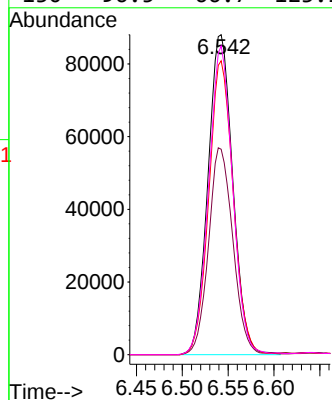
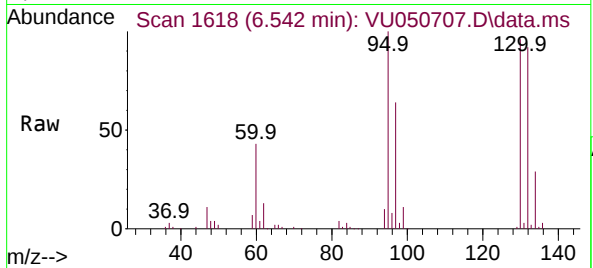




#34
Trichloroethene
Concen: 49.255 ug/L
RT: 6.542 min Scan# 1618
Delta R.T. -0.000 min
Lab File: VU050707.D
Acq: 13 Sep 2022 15:58

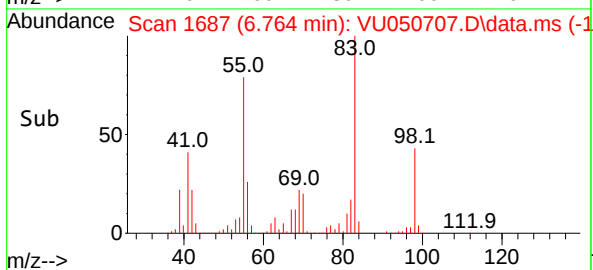
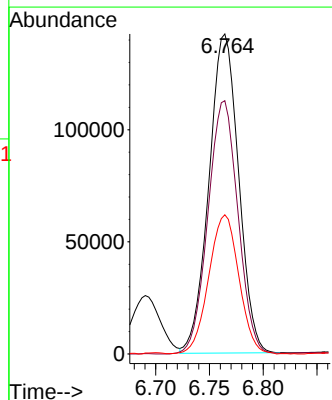
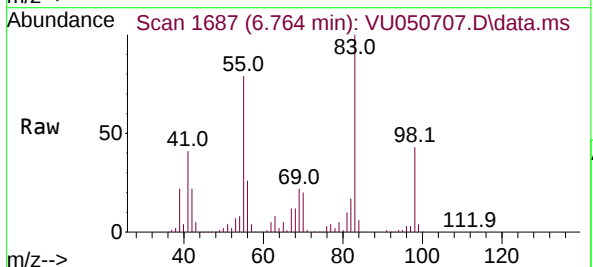
Instrument :
MSVOA_U
ClientSampleId :

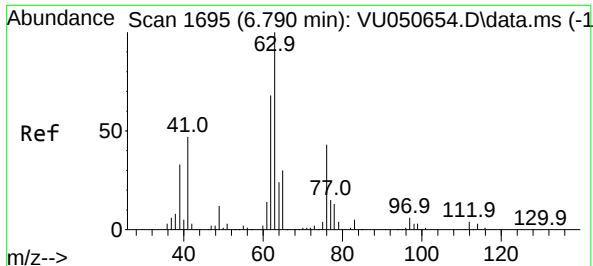
Tgt Ion: 95 Resp: 165646
Ion Ratio Lower Upper
95 100
97 64.2 45.4 84.2
132 91.9 65.2 121.2
130 96.5 66.7 123.9



#35
Methylcyclohexane
Concen: 51.121 ug/L
RT: 6.764 min Scan# 1687
Delta R.T. -0.000 min
Lab File: VU050707.D
Acq: 13 Sep 2022 15:58

Tgt Ion: 83 Resp: 273320
Ion Ratio Lower Upper
83 100
55 80.3 62.6 93.8
98 44.4 35.5 53.3

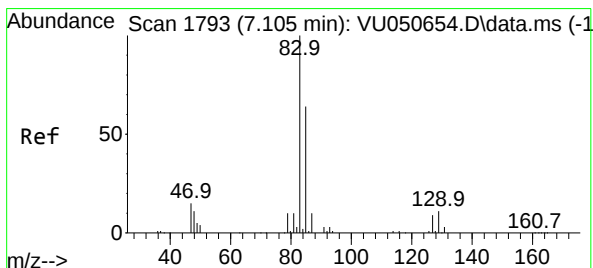
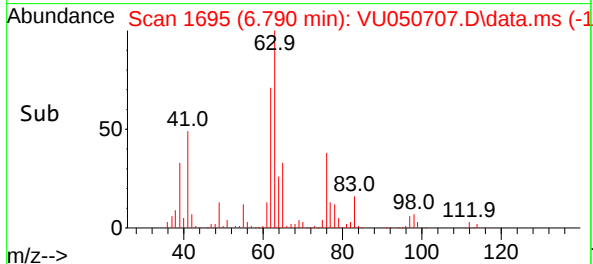
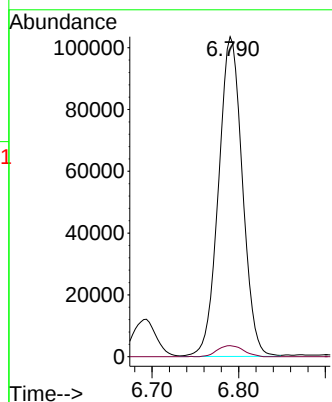
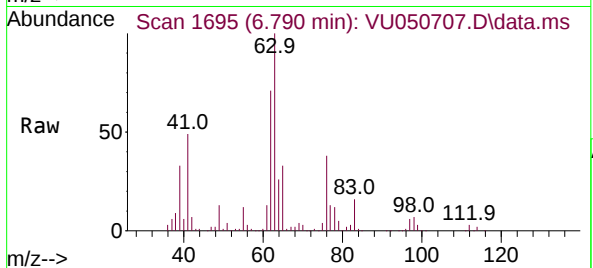




#37
1,2-Dichloropropane
Concen: 52.006 ug/L
RT: 6.790 min Scan# 1
Delta R.T. -0.000 min
Lab File: VU050707.D
Acq: 13 Sep 2022 15:58

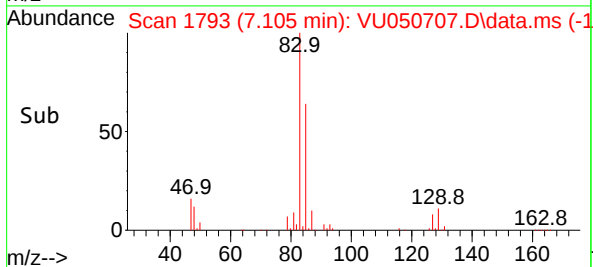
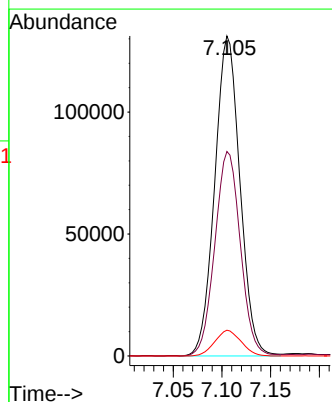
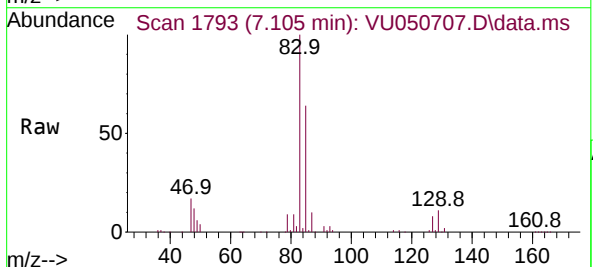
Instrument :
MSVOA_U
ClientSampleId :

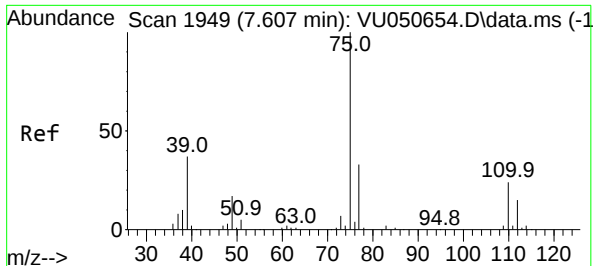
Tgt Ion: 63 Resp: 198266
Ion Ratio Lower Upper
63 100
112 3.8 3.0 4.4



#38
Bromodichloromethane
Concen: 52.725 ug/L
RT: 7.105 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VU050707.D
Acq: 13 Sep 2022 15:58

Tgt Ion: 83 Resp: 236449
Ion Ratio Lower Upper
83 100
85 63.9 44.9 83.5
127 8.1 6.6 10.0





#39

cis-1,3-Dichloropropene

Concen: 51.653 ug/L

RT: 7.607 min Scan# 1949

Delta R.T. -0.000 min

Lab File: VU050707.D

Acq: 13 Sep 2022 15:58

Instrument :

MSVOA_U

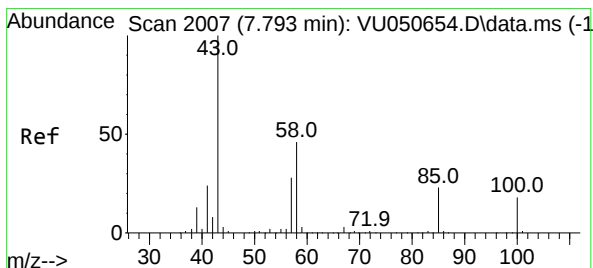
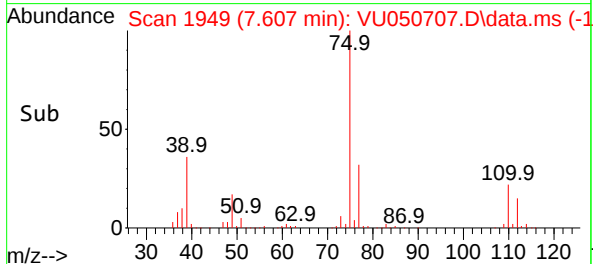
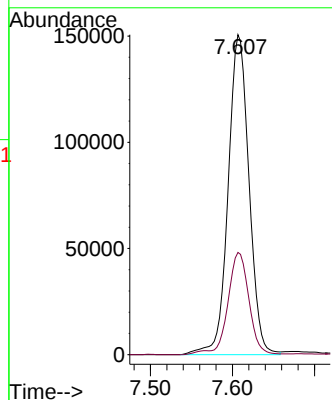
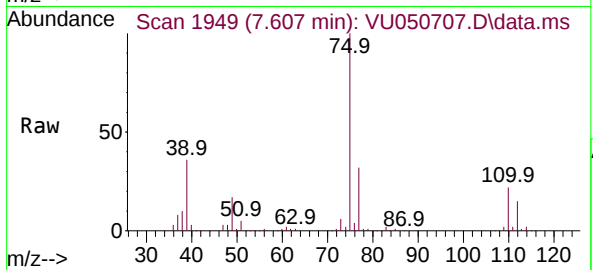
ClientSampleId :

Tgt Ion: 75 Resp: 266550

Ion Ratio Lower Upper

75 100

77 31.9 22.5 41.7



#40

4-Methyl-2-pentanone

Concen: 102.302 ug/L

RT: 7.790 min Scan# 2006

Delta R.T. -0.000 min

Lab File: VU050707.D

Acq: 13 Sep 2022 15:58

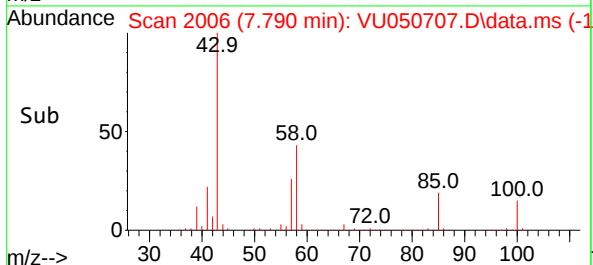
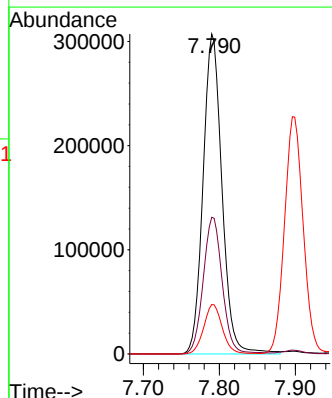
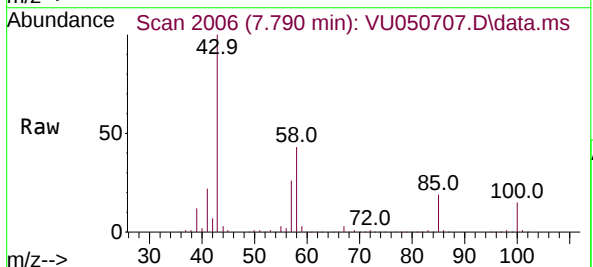
Tgt Ion: 43 Resp: 531482

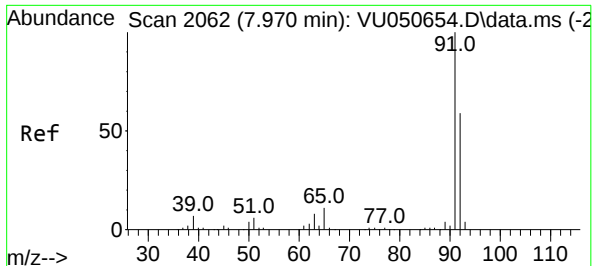
Ion Ratio Lower Upper

43 100

58 43.1 35.1 52.7

100 15.3 12.9 19.3





#42

Toluene

Concen: 51.683 ug/L

RT: 7.970 min Scan# 2062

Delta R.T. 0.003 min

Lab File: VU050707.D

Acq: 13 Sep 2022 15:58

Instrument :

MSVOA_U

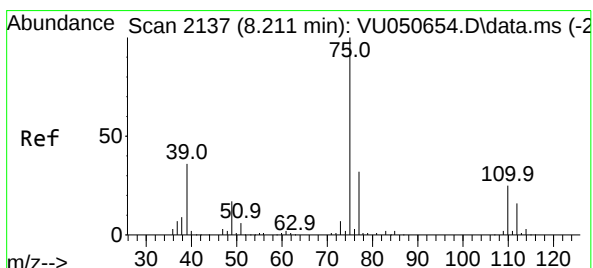
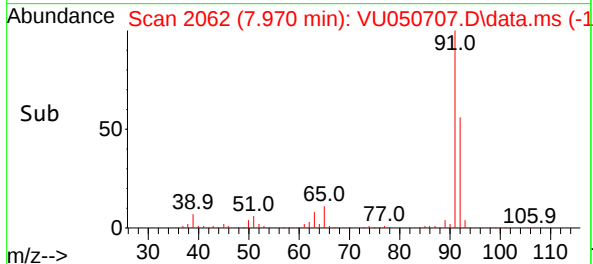
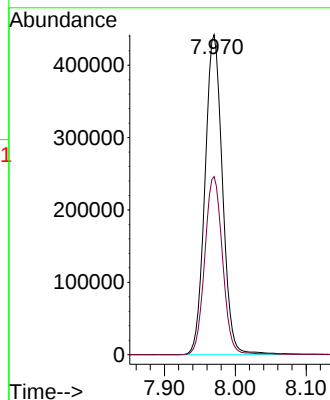
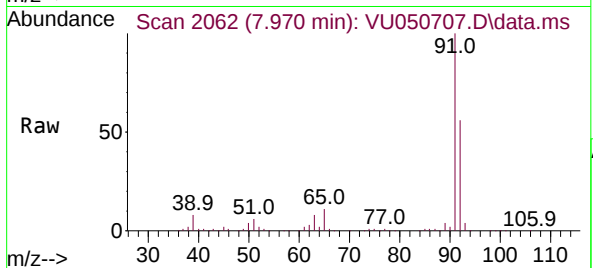
ClientSampleId :

Tgt Ion: 91 Resp: 757724

Ion Ratio Lower Upper

91 100

92 55.6 40.5 75.3



#44

trans-1,3-Dichloropropene

Concen: 52.348 ug/L

RT: 8.211 min Scan# 2137

Delta R.T. 0.003 min

Lab File: VU050707.D

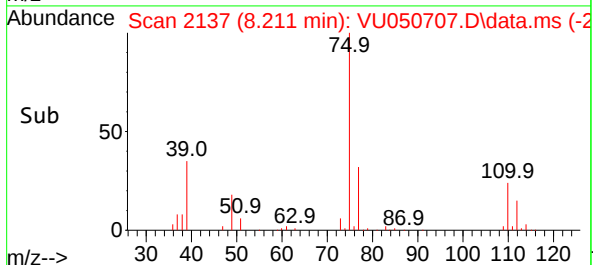
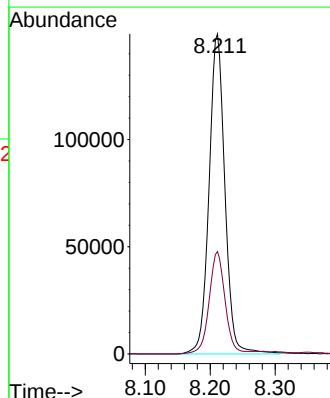
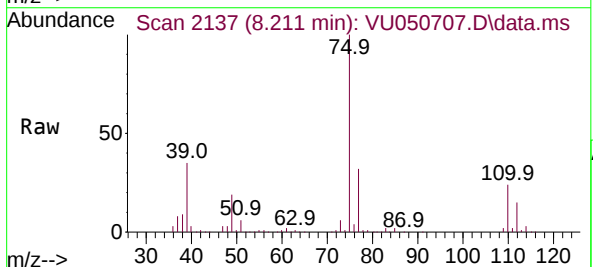
Acq: 13 Sep 2022 15:58

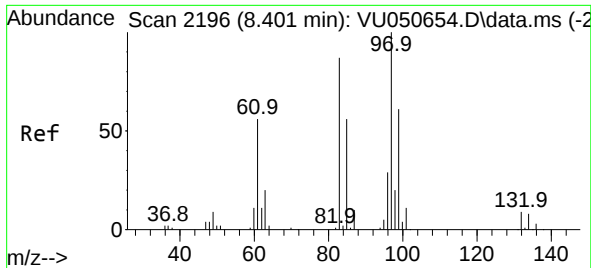
Tgt Ion: 75 Resp: 253452

Ion Ratio Lower Upper

75 100

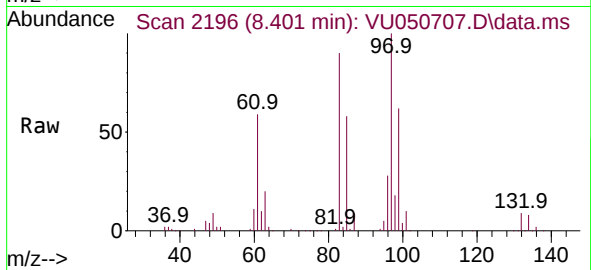
77 32.0 22.1 41.1



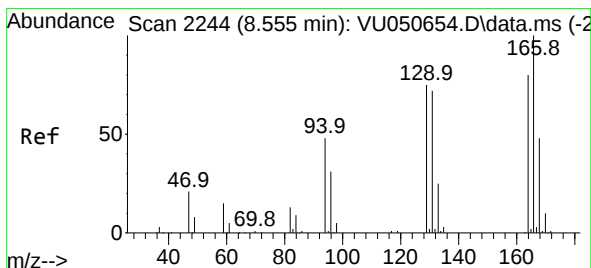
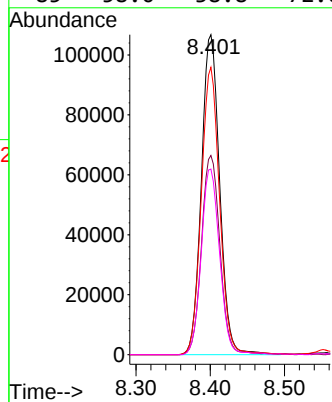
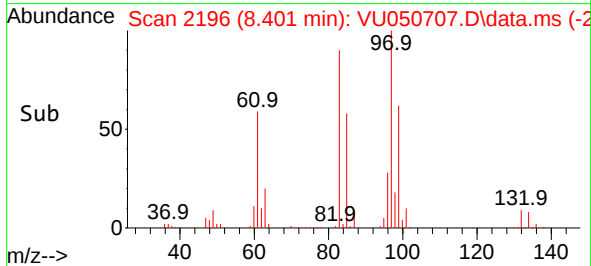


#45
1,1,2-Trichloroethane
Concen: 49.921 ug/L
RT: 8.401 min Scan# 2196
Delta R.T. 0.003 min
Lab File: VU050707.D
Acq: 13 Sep 2022 15:58

Instrument :
MSVOA_U
ClientSampleId :

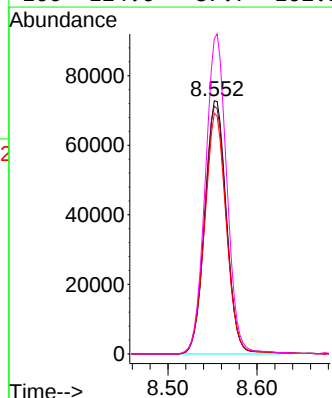
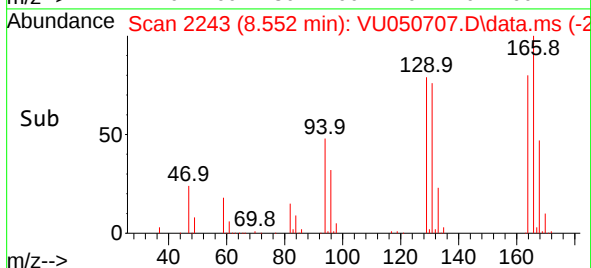
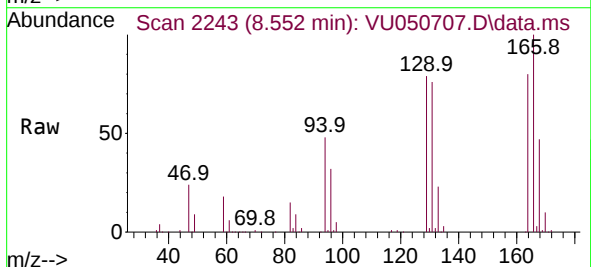


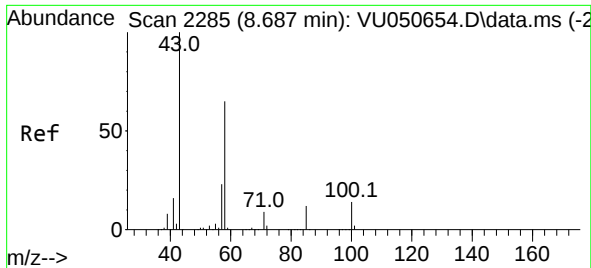
Tgt Ion:	97	Resp:	182825
Ion	Ratio	Lower	Upper
97	100		
99	62.3	43.5	80.9
83	89.8	61.6	114.4
85	58.0	38.8	72.0



#46
Tetrachloroethene
Concen: 49.705 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. -0.000 min
Lab File: VU050707.D
Acq: 13 Sep 2022 15:58

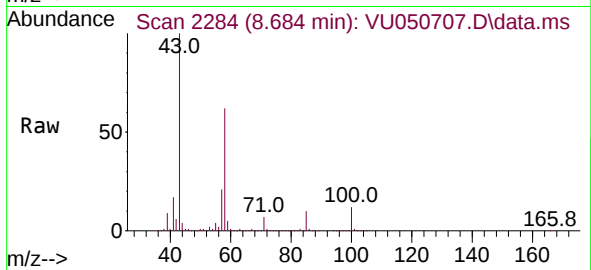
Tgt Ion:	164	Resp:	122091
Ion	Ratio	Lower	Upper
164	100		
129	97.8	68.7	127.5
131	95.1	66.2	123.0
166	124.6	87.7	162.9





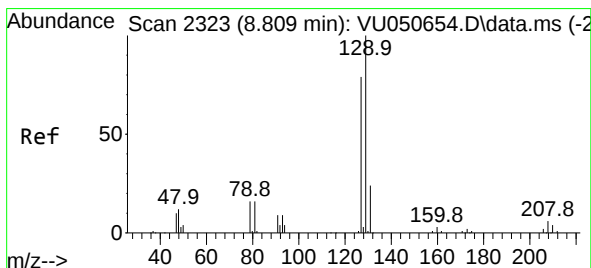
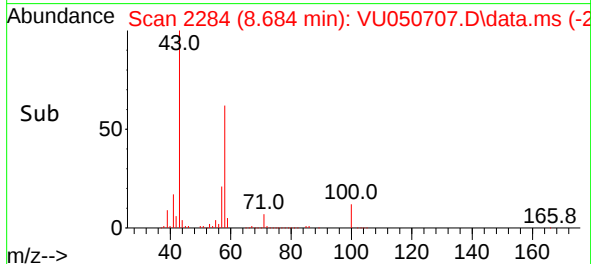
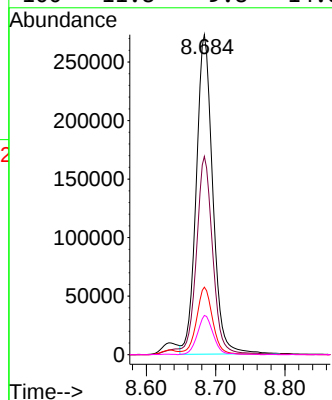
#48
2-Hexanone
Concen: 93.477 ug/L
RT: 8.684 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU050707.D
Acq: 13 Sep 2022 15:58

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 43 Resp: 453225

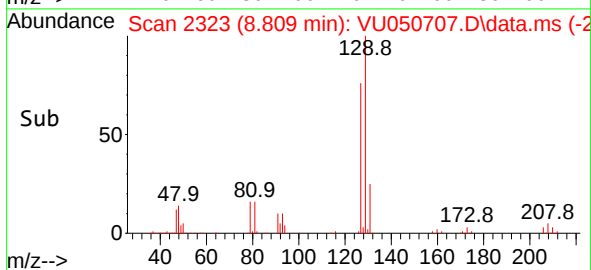
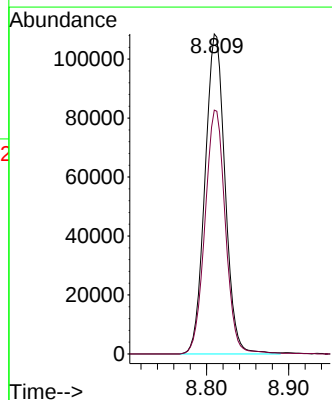
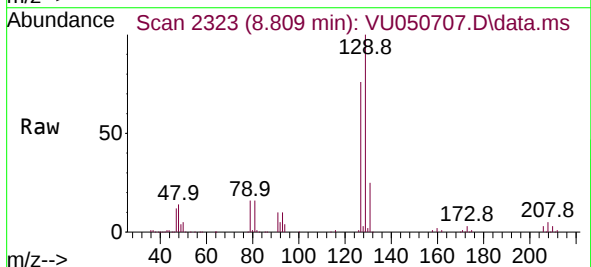
Ion	Ratio	Lower	Upper
43	100		
58	62.4	51.8	77.6
57	20.5	17.0	25.4
100	11.8	9.8	14.8

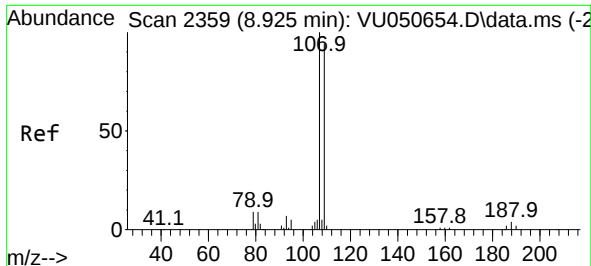


#49
Dibromochloromethane
Concen: 52.731 ug/L
RT: 8.809 min Scan# 2323
Delta R.T. -0.000 min
Lab File: VU050707.D
Acq: 13 Sep 2022 15:58

Tgt Ion: 129 Resp: 184193

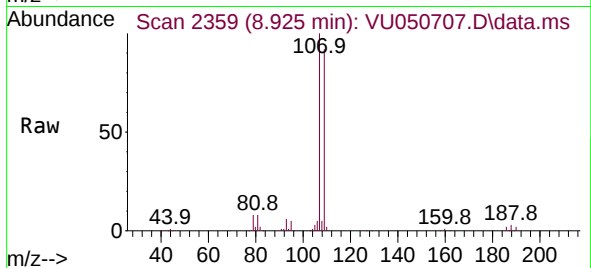
Ion	Ratio	Lower	Upper
129	100		
127	76.2	53.8	100.0



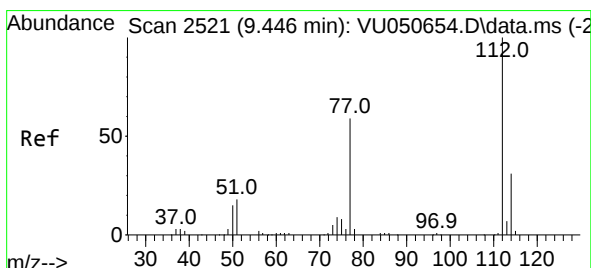
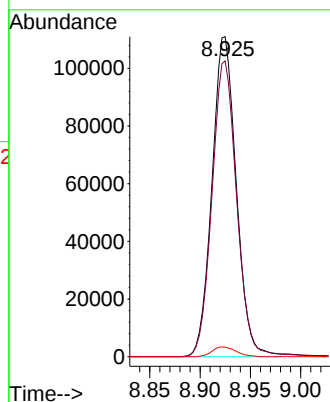
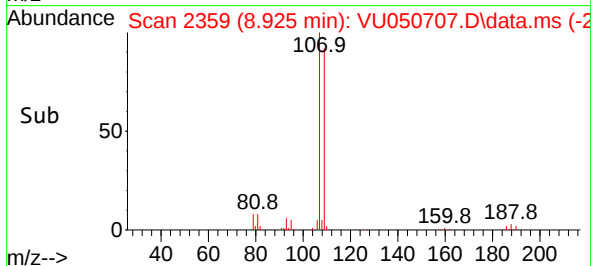


#50
1,2-Dibromoethane
Concen: 50.026 ug/L
RT: 8.925 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU050707.D
Acq: 13 Sep 2022 15:58

Instrument :
MSVOA_U
ClientSampleId :

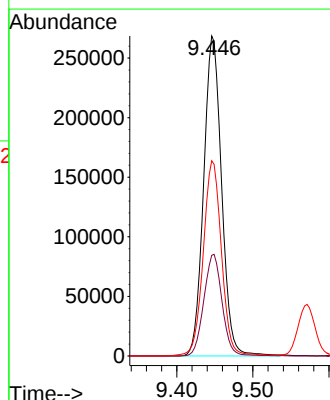
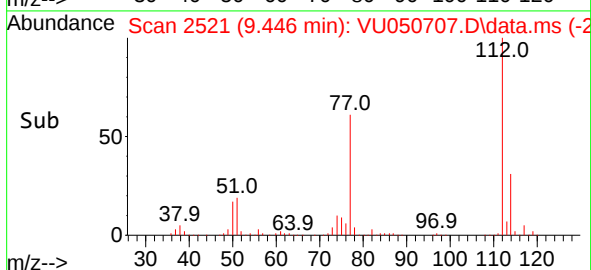
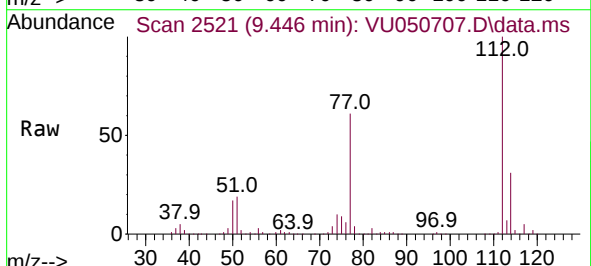


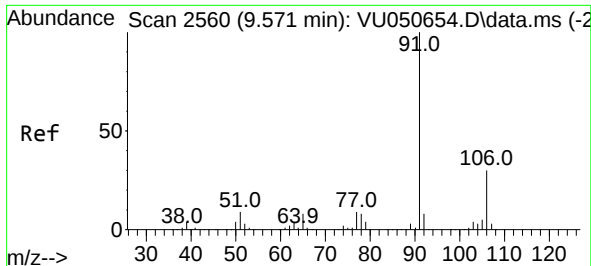
Tgt Ion:107 Resp: 186319
Ion Ratio Lower Upper
107 100
109 92.4 67.5 125.4
188 2.9 2.5 3.7



#51
Chlorobenzene
Concen: 48.470 ug/L
RT: 9.446 min Scan# 2521
Delta R.T. -0.000 min
Lab File: VU050707.D
Acq: 13 Sep 2022 15:58

Tgt Ion:112 Resp: 441028
Ion Ratio Lower Upper
112 100
114 31.5 22.1 41.1
77 61.0 49.2 73.8

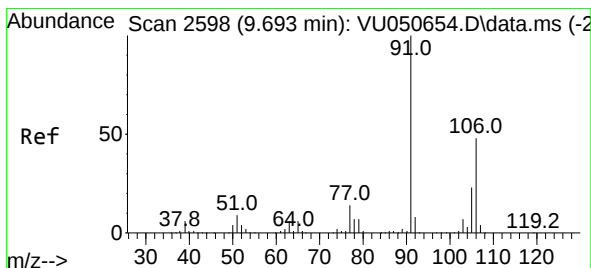
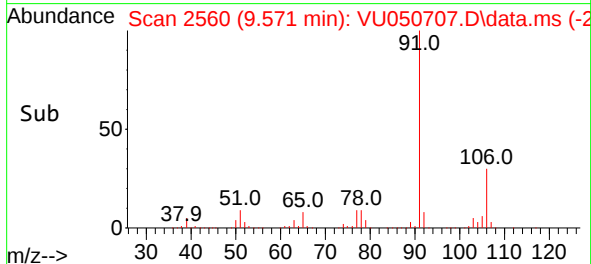
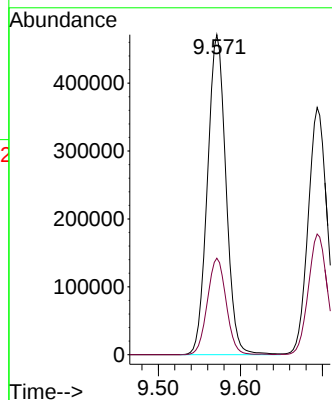
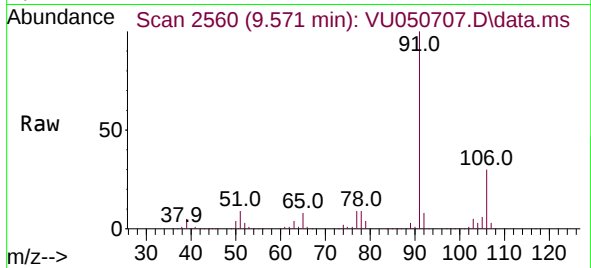




#52
Ethylbenzene
Concen: 51.069 ug/L
RT: 9.571 min Scan# 2560
Delta R.T. 0.003 min
Lab File: VU050707.D
Acq: 13 Sep 2022 15:58

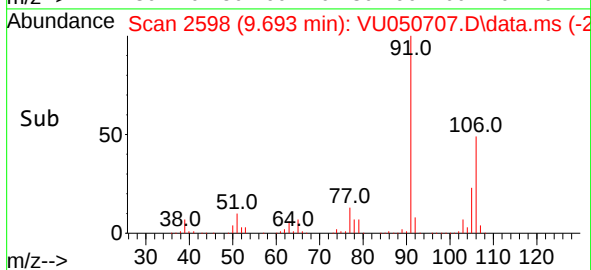
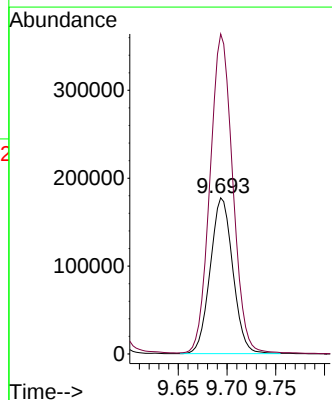
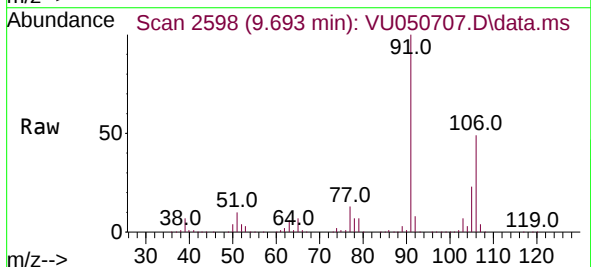
Instrument :
MSVOA_U
ClientSampleId :

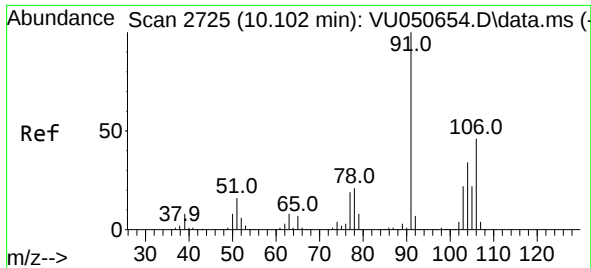
Tgt Ion: 91 Resp: 739642
Ion Ratio Lower Upper
91 100
106 30.2 21.2 39.4



#53
m,p-Xylene
Concen: 51.459 ug/L
RT: 9.693 min Scan# 2598
Delta R.T. -0.000 min
Lab File: VU050707.D
Acq: 13 Sep 2022 15:58

Tgt Ion: 106 Resp: 285535
Ion Ratio Lower Upper
106 100
91 204.9 147.1 273.3

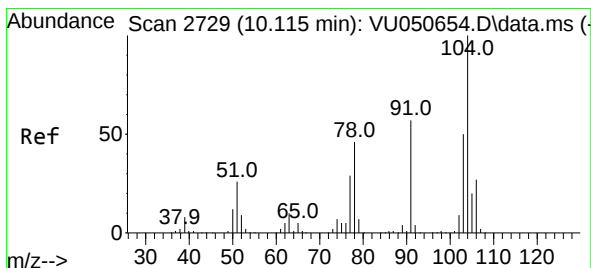
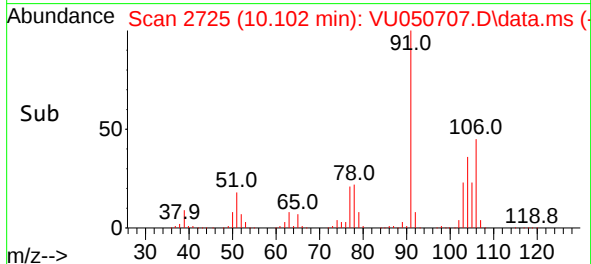
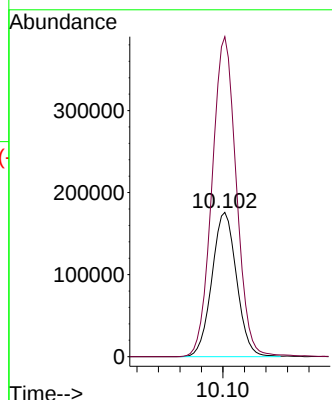
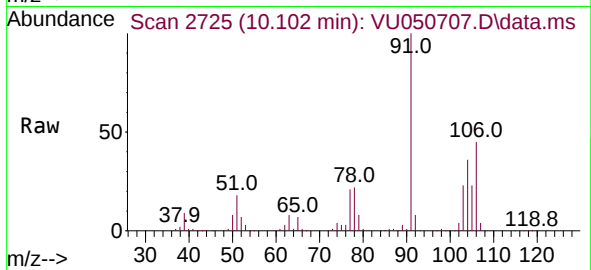




#54
o-Xylene
Concen: 50.741 ug/L
RT: 10.102 min Scan# 2725
Delta R.T. 0.003 min
Lab File: VU050707.D
Acq: 13 Sep 2022 15:58

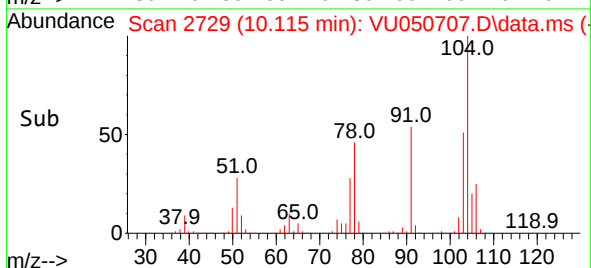
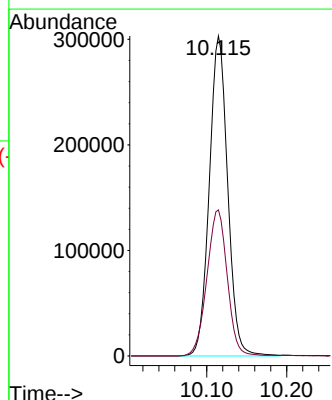
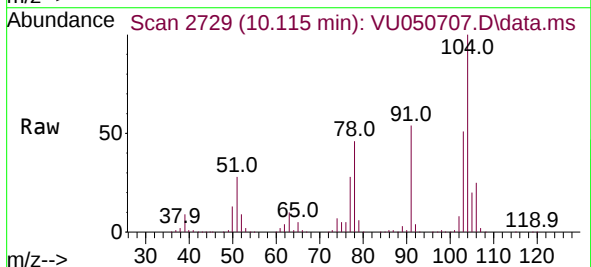
Instrument :
MSVOA_U
ClientSampleId :

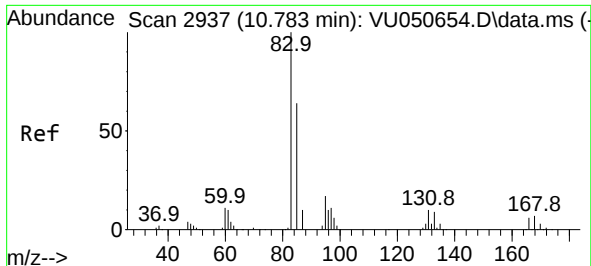
Tgt Ion:106 Resp: 280308
Ion Ratio Lower Upper
106 100
91 221.8 153.4 284.8



#55
Styrene
Concen: 53.365 ug/L
RT: 10.115 min Scan# 2729
Delta R.T. -0.000 min
Lab File: VU050707.D
Acq: 13 Sep 2022 15:58

Tgt Ion:104 Resp: 485057
Ion Ratio Lower Upper
104 100
78 45.6 32.8 60.8





#57

1,1,2,2-Tetrachloroethane

Concen: 50.604 ug/L

RT: 10.783 min Scan# 2937

Delta R.T. 0.003 min

Lab File: VU050707.D

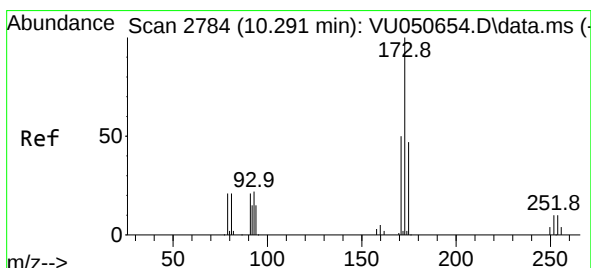
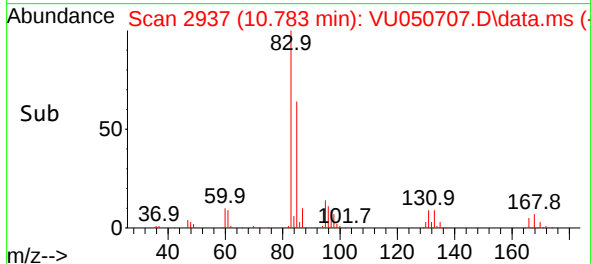
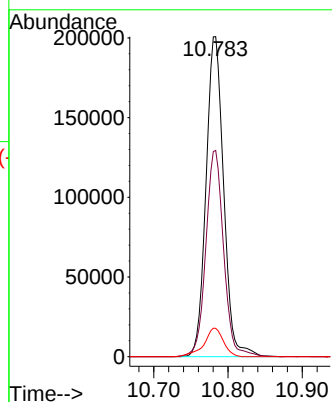
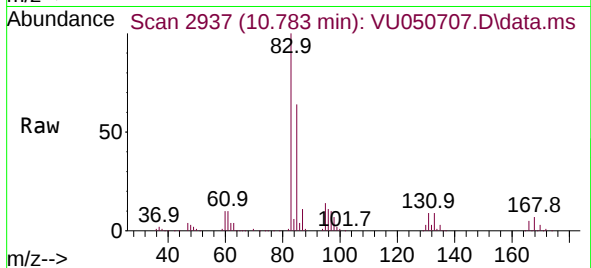
Acq: 13 Sep 2022 15:58

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 83	Resp: 330112
Ion Ratio	Lower Upper
83 100	
85 64.4	45.5 84.5
131 8.8	7.7 11.5



#59

Bromoform

Concen: 47.225 ug/L

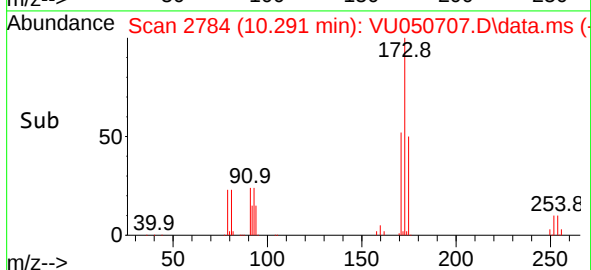
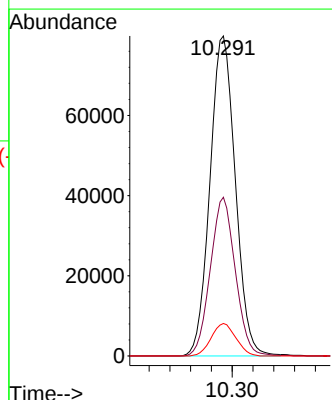
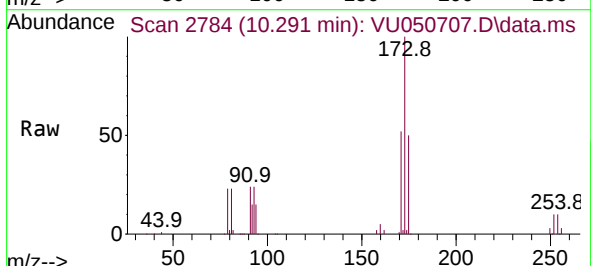
RT: 10.291 min Scan# 2784

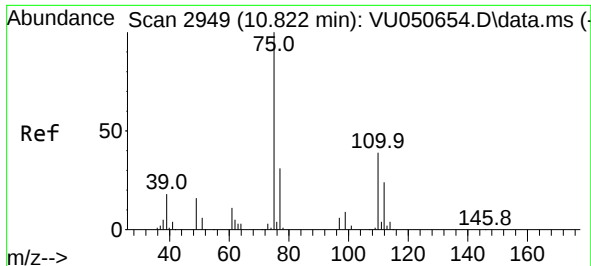
Delta R.T. 0.003 min

Lab File: VU050707.D

Acq: 13 Sep 2022 15:58

Tgt Ion: 173	Resp: 135270
Ion Ratio	Lower Upper
173 100	
175 48.8	40.0 60.0
254 9.9	7.4 11.0

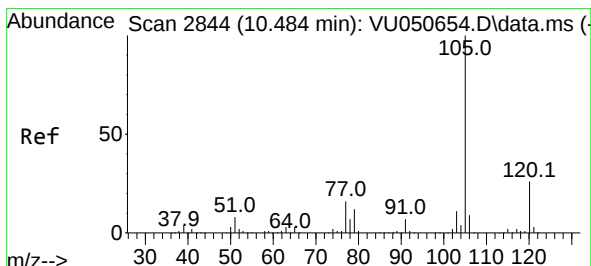
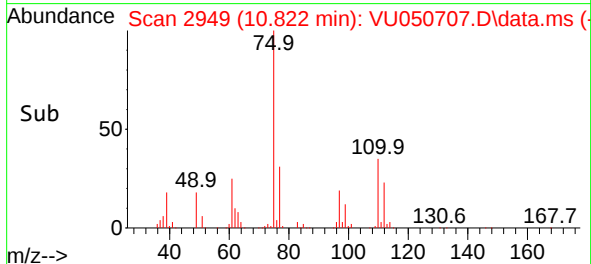
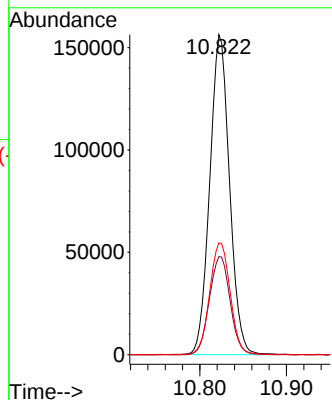
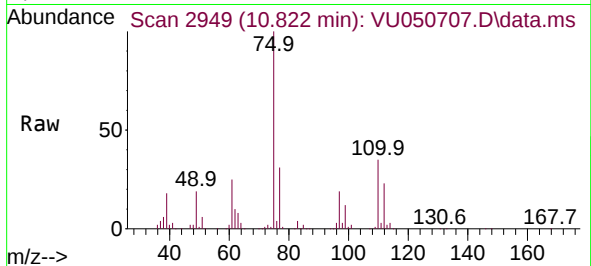




#60
1,2,3-Trichloropropane
Concen: 43.969 ug/L
RT: 10.822 min Scan# 2949
Delta R.T. -0.000 min
Lab File: VU050707.D
Acq: 13 Sep 2022 15:58

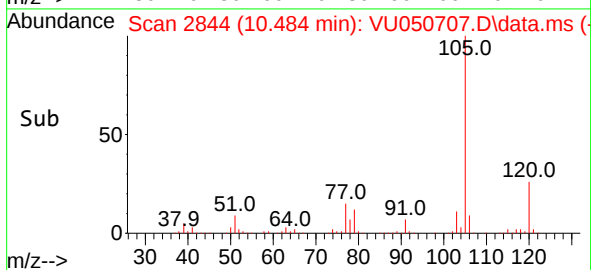
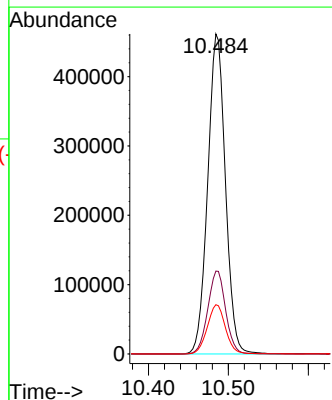
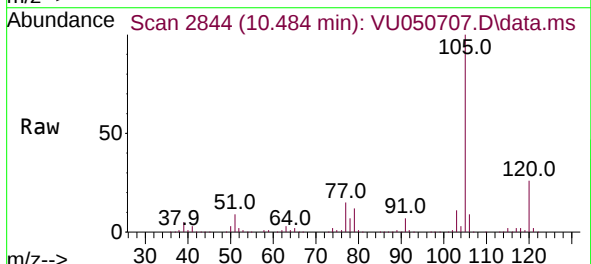
Instrument :
MSVOA_U
ClientSampleId :

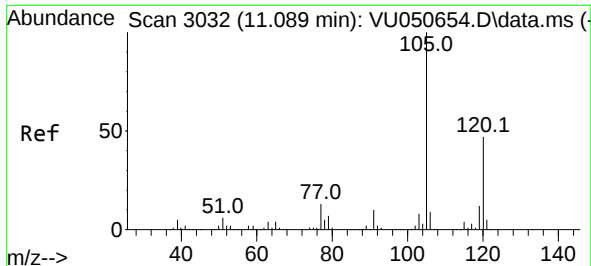
Tgt Ion: 75 Resp: 247672
Ion Ratio Lower Upper
75 100
77 32.0 25.8 38.8
110 36.2 29.3 43.9



#61
Isopropylbenzene
Concen: 46.782 ug/L
RT: 10.484 min Scan# 2844
Delta R.T. -0.000 min
Lab File: VU050707.D
Acq: 13 Sep 2022 15:58

Tgt Ion: 105 Resp: 710918
Ion Ratio Lower Upper
105 100
120 26.2 20.4 30.6
77 15.8 12.8 19.2





#62

1,3,5-Trimethylbenzene

Concen: 45.525 ug/L

RT: 11.089 min Scan# 3032

Delta R.T. -0.000 min

Lab File: VU050707.D

Acq: 13 Sep 2022 15:58

Instrument :

MSVOA_U

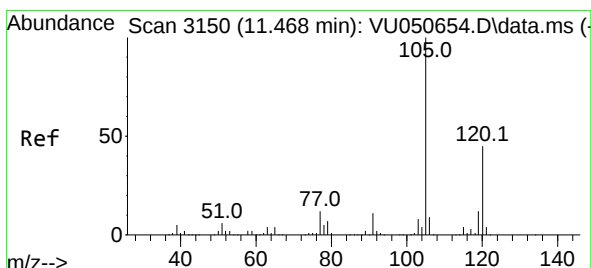
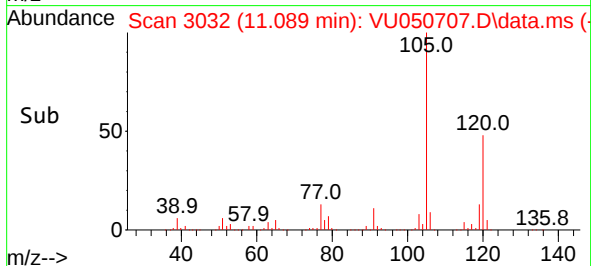
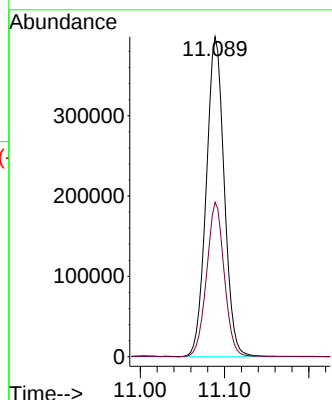
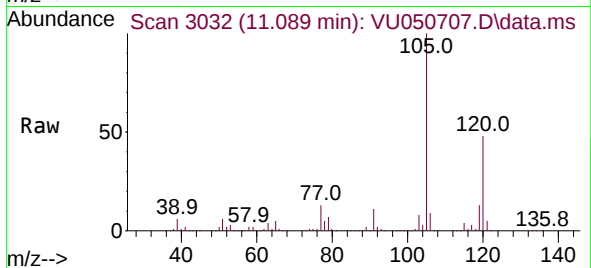
ClientSampleId :

Tgt Ion:105 Resp: 591432

Ion Ratio Lower Upper

105 100

120 47.5 37.7 56.5



#63

1,2,4-Trimethylbenzene

Concen: 45.761 ug/L

RT: 11.468 min Scan# 3150

Delta R.T. -0.000 min

Lab File: VU050707.D

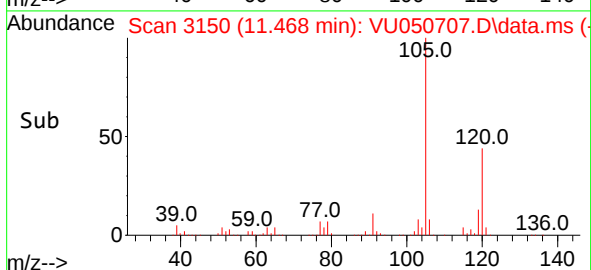
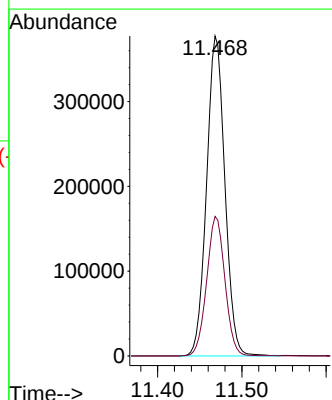
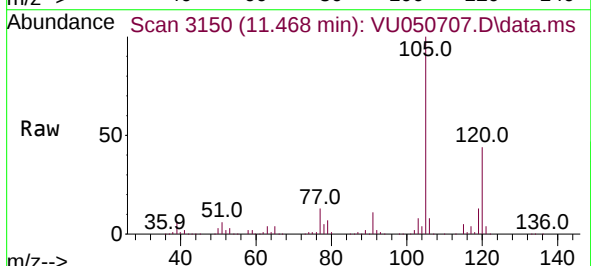
Acq: 13 Sep 2022 15:58

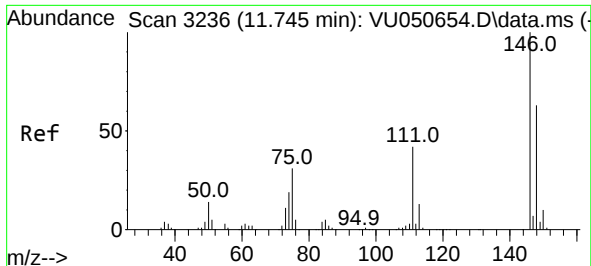
Tgt Ion:105 Resp: 570885

Ion Ratio Lower Upper

105 100

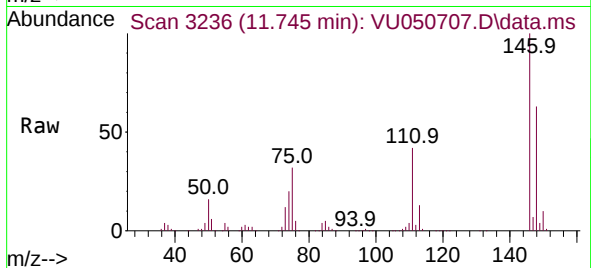
120 43.4 35.3 52.9



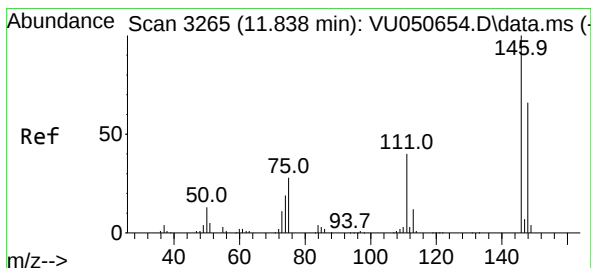
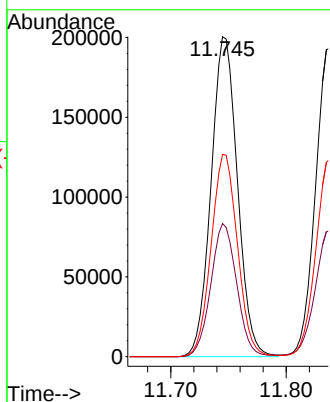
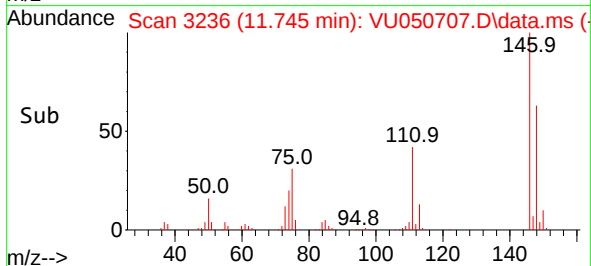


#64
1,3-Dichlorobenzene
Concen: 47.511 ug/L
RT: 11.745 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU050707.D
Acq: 13 Sep 2022 15:58

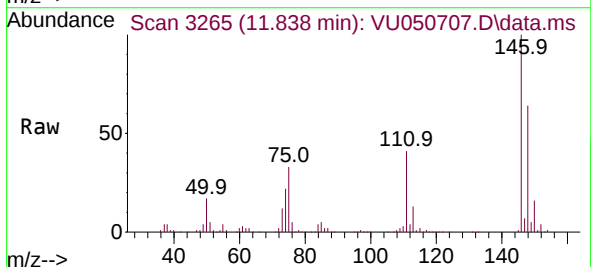
Instrument :
MSVOA_U
ClientSampleId :



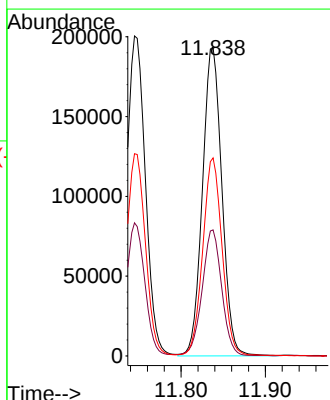
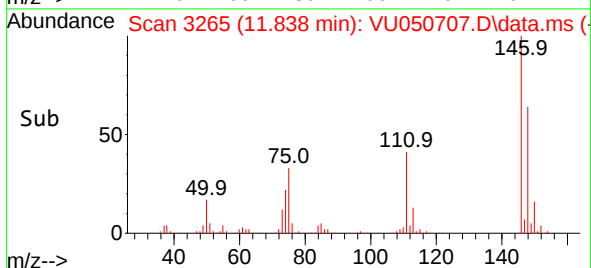
Tgt Ion:146 Resp: 317679
Ion Ratio Lower Upper
146 100
111 41.6 29.9 55.5
148 63.2 45.5 84.5

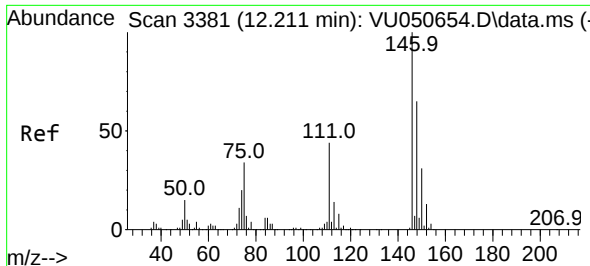


#65
1,4-Dichlorobenzene
Concen: 47.036 ug/L
RT: 11.838 min Scan# 3265
Delta R.T. 0.003 min
Lab File: VU050707.D
Acq: 13 Sep 2022 15:58



Tgt Ion:146 Resp: 310874
Ion Ratio Lower Upper
146 100
111 40.8 27.9 51.7
148 64.2 44.4 82.4





#67

1,2-Dichlorobenzene

Concen: 45.622 ug/L

RT: 12.211 min Scan# 3381

Delta R.T. -0.000 min

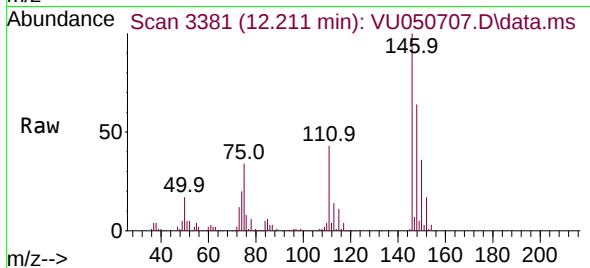
Lab File: VU050707.D

Acq: 13 Sep 2022 15:58

Instrument :

MSVOA_U

ClientSampleId :



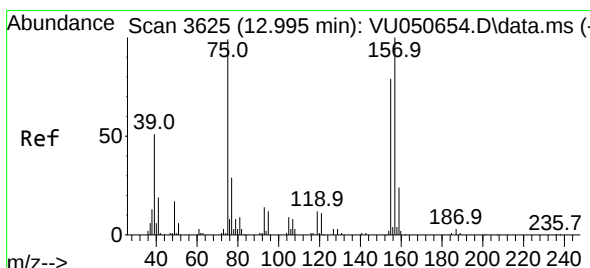
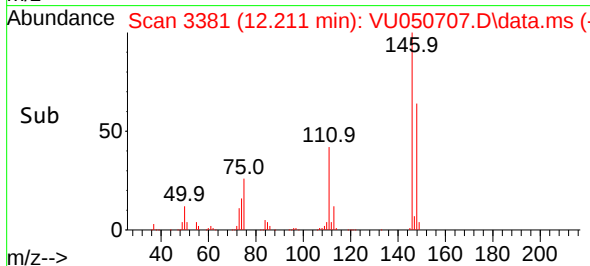
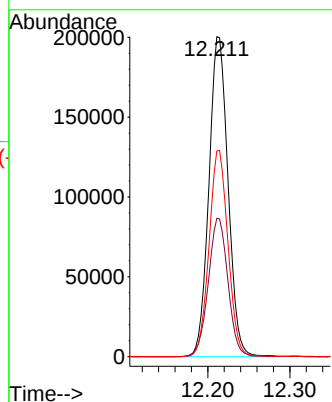
Tgt Ion:146 Resp: 324886

Ion Ratio Lower Upper

146 100

111 43.3 35.1 52.7

148 64.3 51.8 77.6



#68

1,2-Dibromo-3-chloropropane

Concen: 43.767 ug/L

RT: 12.996 min Scan# 3625

Delta R.T. -0.000 min

Lab File: VU050707.D

Acq: 13 Sep 2022 15:58

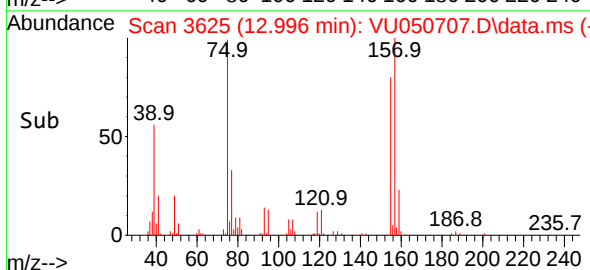
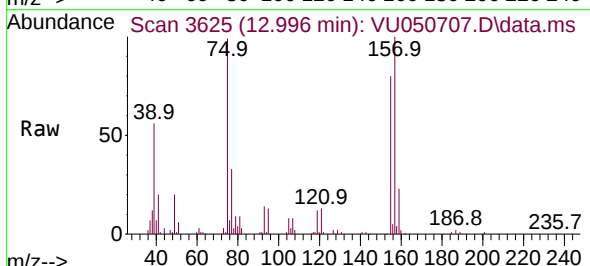
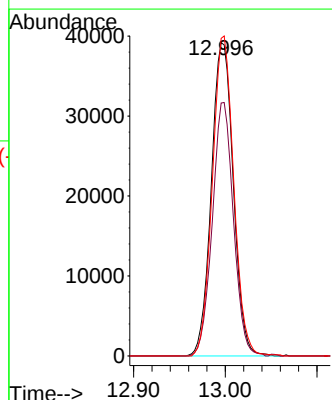
Tgt Ion: 75 Resp: 65104

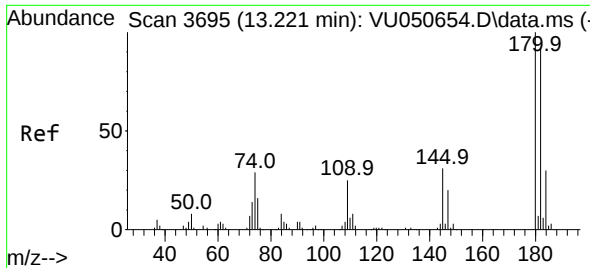
Ion Ratio Lower Upper

75 100

155 80.7 67.8 101.6

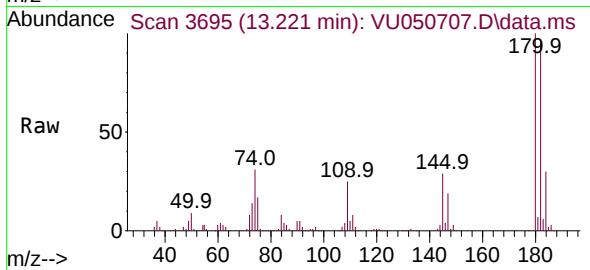
157 105.7 82.6 124.0



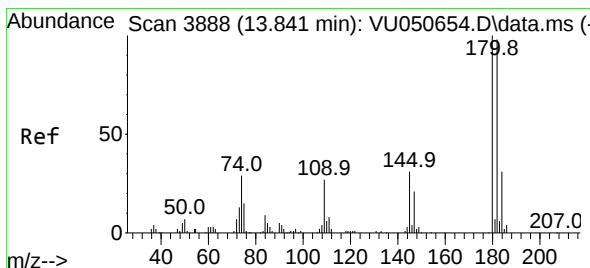
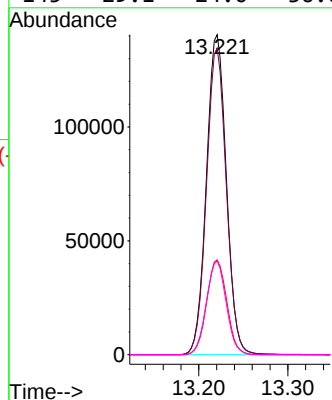
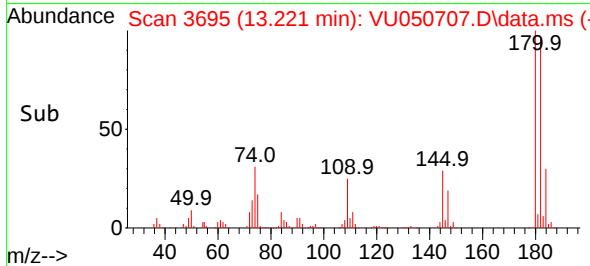


#69
 1,3,5-Trichlorobenzene
 Concen: 45.042 ug/L
 RT: 13.221 min Scan# 30
 Delta R.T. 0.003 min
 Lab File: VU050707.D
 Acq: 13 Sep 2022 15:58

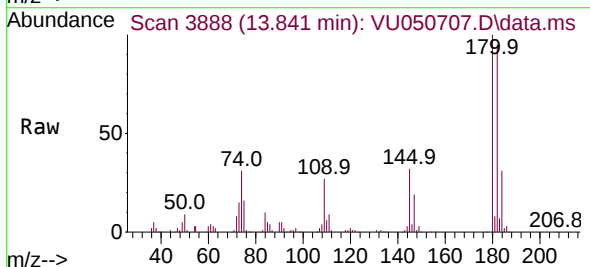
Instrument :
 MSVOA_U
 ClientSampleId :



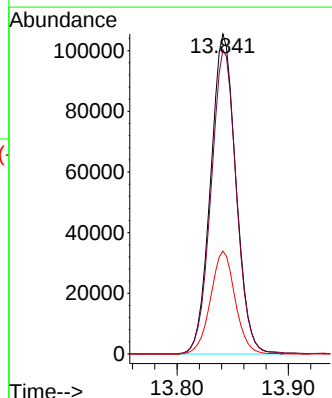
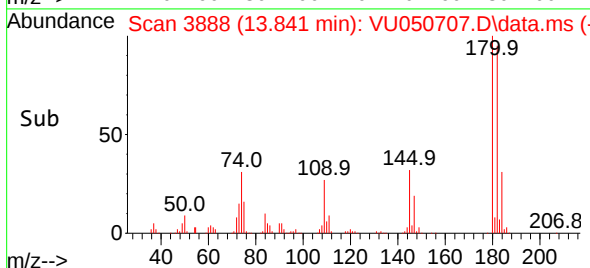
Tgt Ion:180 Resp: 218563
 Ion Ratio Lower Upper
 180 100
 182 95.2 75.3 112.9
 184 29.9 23.8 35.8
 145 29.1 24.0 36.0

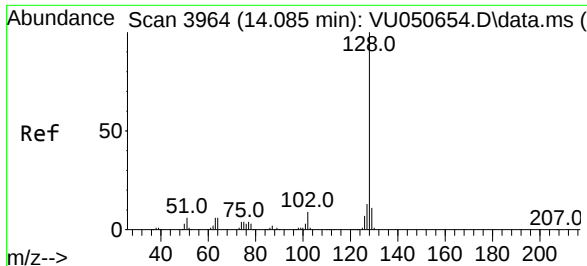


#70
 1,2,4-trichlorobenzene
 Concen: 40.347 ug/L
 RT: 13.841 min Scan# 3888
 Delta R.T. -0.000 min
 Lab File: VU050707.D
 Acq: 13 Sep 2022 15:58



Tgt Ion:180 Resp: 166242
 Ion Ratio Lower Upper
 180 100
 182 95.1 76.2 114.2
 145 31.3 24.7 37.1

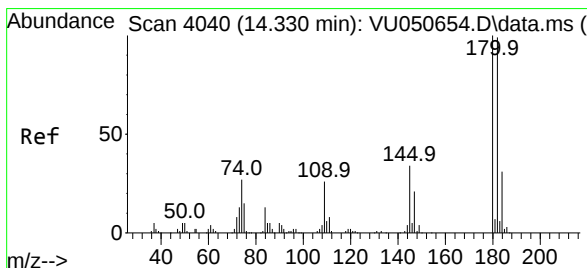
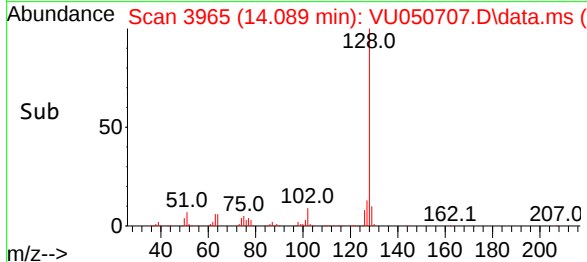
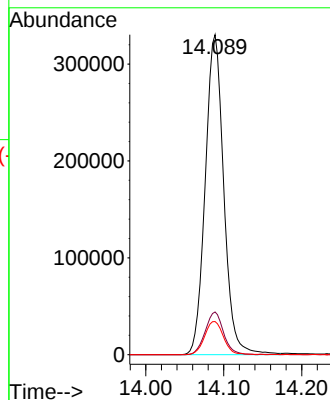
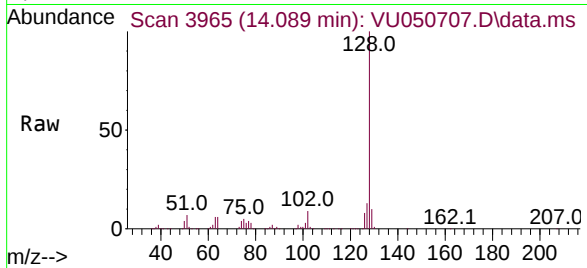




#71
Naphthalene
Concen: 37.391 ug/L
RT: 14.089 min Scan# 3964
Delta R.T. 0.003 min
Lab File: VU050707.D
Acq: 13 Sep 2022 15:58

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:128 Resp: 546237
Ion Ratio Lower Upper
128 100
127 13.2 10.1 15.1
129 10.6 8.4 12.6



#72
1,2,3-Trichlorobenzene
Concen: 42.628 ug/L
RT: 14.330 min Scan# 4040
Delta R.T. -0.000 min
Lab File: VU050707.D
Acq: 13 Sep 2022 15:58

Tgt Ion:180 Resp: 190203
Ion Ratio Lower Upper
180 100
182 94.9 76.1 114.1
145 32.9 26.4 39.6

