

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090722\
 Data File : VU050673.D
 Acq On : 07 Sep 2022 20:14
 Operator : SY/MD
 Sample : N4482-05MS
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EW345MS

Quant Time: Sep 08 05:45:00 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM090222WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Sep 07 01:37:50 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	244741	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	250471	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	122681	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	67660	32.322	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	64.640%
7) Chloroethane-d5	1.899	69	56229	39.722	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	79.440%
11) 1,1-Dichloroethene-d2	2.565	63	136368	36.865	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	73.720%
21) 2-Butanone-d5	4.620	46	153499	100.227	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	100.230%
24) Chloroform-d	5.060	84	195627	49.309	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.620%
26) 1,2-Dichloroethane-d4	5.700	65	127842	52.732	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.460%
32) Benzene-d6	5.726	84	365250	44.127	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.260%
36) 1,2-Dichloropropane-d6	6.690	67	122872	45.214	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	90.420%
41) Toluene-d8	7.896	98	326150	46.077	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.160%
43) trans-1,3-Dichloroprop...	8.179	79	54486	48.457	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.920%
47) 2-Hexanone-d5	8.632	63	62352	91.215	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	91.210%
56) 1,1,2,2-Tetrachloroeth...	10.754	84	212558	51.686	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	103.380%
66) 1,2-Dichlorobenzene-d4	12.192	152	130353	45.389	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.780%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.382	85	75514	32.123	ug/L	100
3) Chloromethane	1.520	50	103958	40.928	ug/L	97
5) Vinyl chloride	1.604	62	80410	33.601	ug/L	100
6) Bromomethane	1.835	94	52391	43.410	ug/L	98
8) Chloroethane	1.922	64	49250	38.747	ug/L	99
9) Trichlorofluoromethane	2.131	101	107095	36.731	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	61511	32.161	ug/L	98
12) 1,1-Dichloroethene	2.575	96	72756	39.150	ug/L	97
13) Acetone	2.623	43	121551	105.212	ug/L	99
14) Carbon disulfide	2.790	76	204520	37.112	ug/L	100
15) Methyl Acetate	2.944	43	121730	49.822	ug/L	98
16) Methylene chloride	3.041	84	112430	46.098	ug/L	94
17) trans-1,2-Dichloroethene	3.350	96	84275	42.765	ug/L	95
18) Methyl tert-butyl Ether	3.359	73	313382	51.289	ug/L	98
19) 1,1-Dichloroethane	3.867	63	175301	46.107	ug/L	97
20) cis-1,2-Dichloroethene	4.665	96	105391	47.399	ug/L	92
22) 2-Butanone	4.697	43	190300	105.316	ug/L	94
23) Bromochloromethane	4.970	128	60025	52.243	ug/L	92
25) Chloroform	5.086	83	192962	49.815	ug/L	98

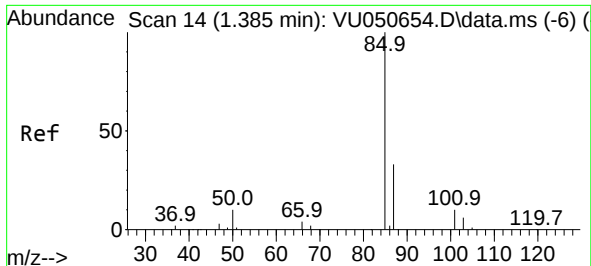
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090722\
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 Quant Title : VOC Analysis
 QLast Update : Wed Sep 07 01:37:50 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.790	62	151600	52.804	ug/L	96
29) Cyclohexane	5.385	56	95591	28.497	ug/L	97
30) 1,1,1-Trichloroethane	5.314	97	145991	43.275	ug/L	98
31) Carbon tetrachloride	5.523	117	115111	41.647	ug/L	99
33) Benzene	5.771	78	412429	45.246	ug/L	100
34) Trichloroethene	6.539	95	87501	41.197	ug/L	98
35) Methylcyclohexane	6.761	83	93849	27.793	ug/L	97
37) 1,2-Dichloropropane	6.790	63	110592	45.932	ug/L	98
38) Bromodichloromethane	7.105	83	146062	51.570	ug/L	99
39) cis-1,3-Dichloropropene	7.607	75	155045	47.573	ug/L	100
40) 4-Methyl-2-pentanone	7.790	43	328359	100.075	ug/L	98
42) Toluene	7.967	91	410828	44.370	ug/L	100
44) trans-1,3-Dichloropropene	8.208	75	148864	48.683	ug/L	98
45) 1,1,2-Trichloroethane	8.398	97	116504	50.370	ug/L	99
46) Tetrachloroethene	8.552	164	62391	40.218	ug/L	98
48) 2-Hexanone	8.681	43	327644	106.999	ug/L	99
49) Dibromochloromethane	8.809	129	119861	54.332	ug/L	99
50) 1,2-Dibromoethane	8.922	107	123626	52.557	ug/L	98
51) Chlorobenzene	9.446	112	263799	45.905	ug/L	99
52) Ethylbenzene	9.568	91	393875	43.060	ug/L	99
53) m,p-Xylene	9.693	106	154326	44.038	ug/L	96
54) o-Xylene	10.099	106	162197	46.489	ug/L	99
55) Styrene	10.111	104	280490	48.861	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.780	83	217653	52.829	ug/L	98
59) Bromoform	10.288	173	91543	50.013	ug/L	98
60) 1,2,3-Trichloropropane	10.822	75	171560	47.661	ug/L	98
61) Isopropylbenzene	10.484	105	358485	36.916	ug/L	99
62) 1,3,5-Trimethylbenzene	11.086	105	309239	37.249	ug/L	98
63) 1,2,4-Trimethylbenzene	11.468	105	308111	38.649	ug/L	100
64) 1,3-Dichlorobenzene	11.745	146	181050	42.373	ug/L	98
65) 1,4-Dichlorobenzene	11.835	146	178084	42.165	ug/L	99
67) 1,2-Dichlorobenzene	12.211	146	199724	43.889	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.996	75	45885	48.271	ug/L	96
69) 1,3,5-Trichlorobenzene	13.217	180	114779	37.016	ug/L	99
70) 1,2,4-trichlorobenzene	13.838	180	87067	33.067	ug/L	99
71) Naphthalene	14.085	128	293250	31.413	ug/L	99
72) 1,2,3-Trichlorobenzene	14.330	180	97545	34.211	ug/L	99

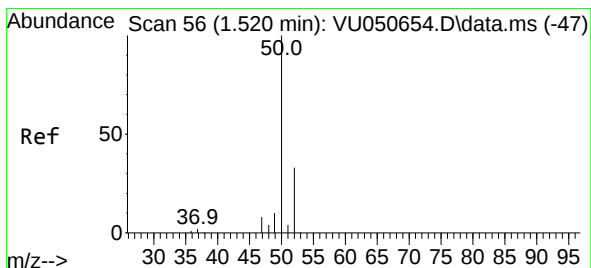
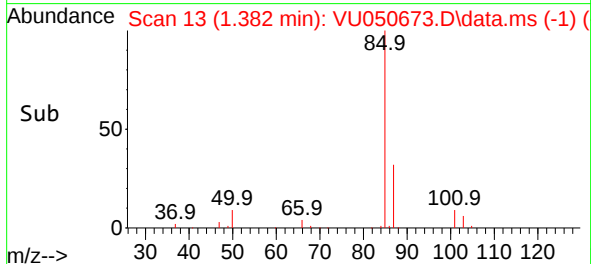
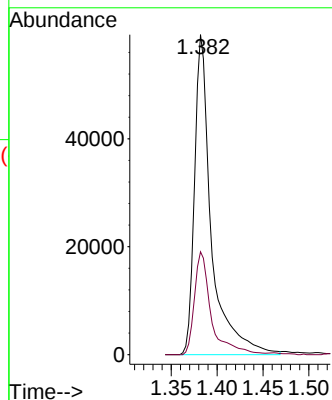
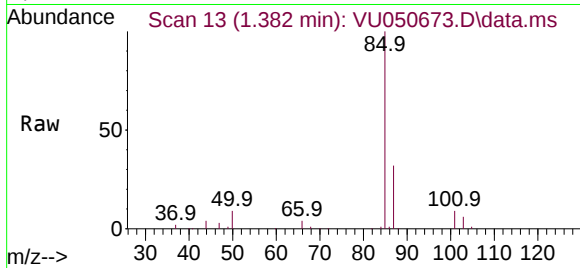
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
 Dichlorodifluoromethane
 Concen: 32.123 ug/L
 RT: 1.382 min Scan# 14
 Delta R.T. -0.003 min
 Lab File: VU050673.D
 Acq: 07 Sep 2022 20:14

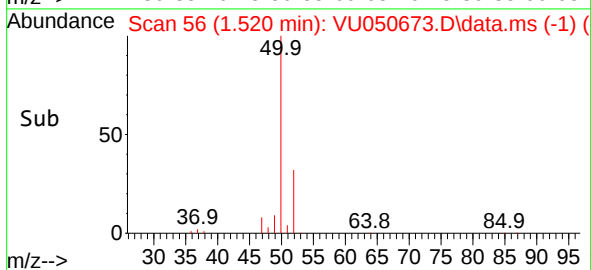
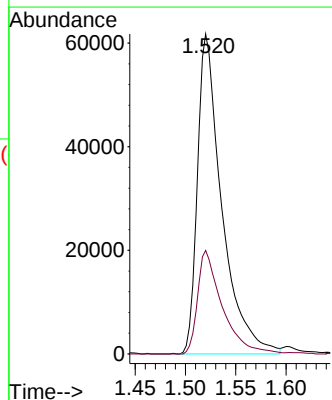
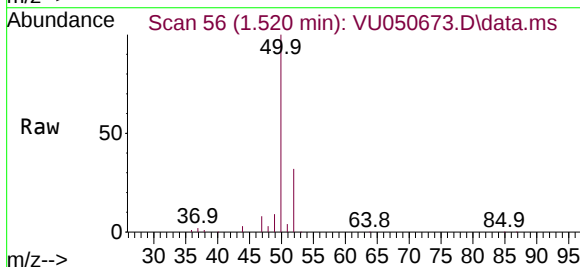
Instrument :
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 ClientSampleId :
 EW345MS

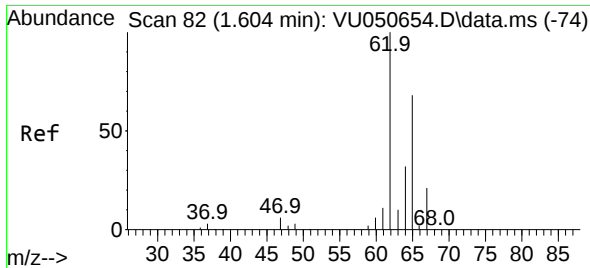
Tgt Ion: 85 Resp: 75514
 Ion Ratio Lower Upper
 85 100
 87 32.1 25.8 38.8



#3
 Chloromethane
 Concen: 40.928 ug/L
 RT: 1.520 min Scan# 56
 Delta R.T. 0.000 min
 Lab File: VU050673.D
 Acq: 07 Sep 2022 20:14

Tgt Ion: 50 Resp: 103958
 Ion Ratio Lower Upper
 50 100
 52 32.3 23.7 43.9

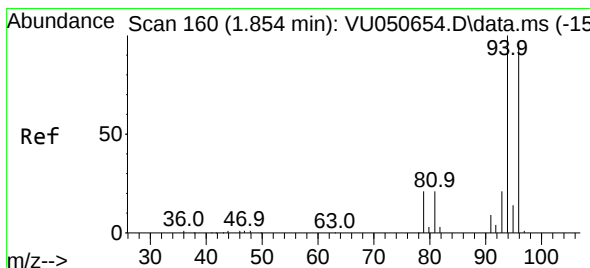
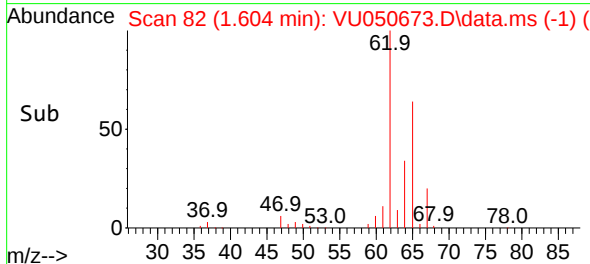
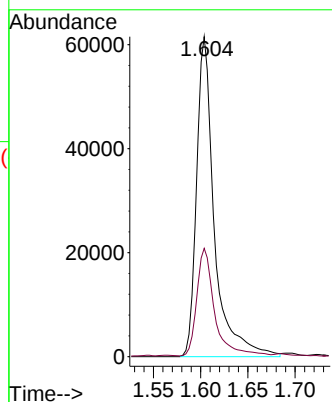
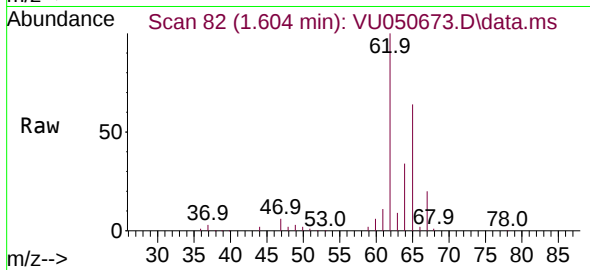




#5
 Vinyl chloride
 Concen: 33.601 ug/L
 RT: 1.604 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: VU050673.D
 Acq: 07 Sep 2022 20:14

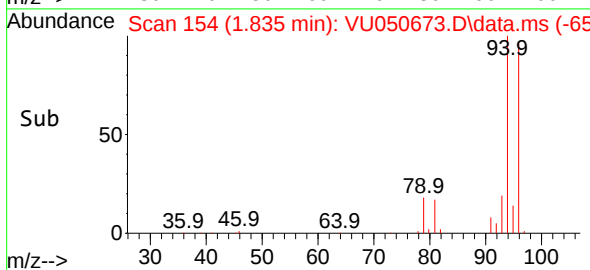
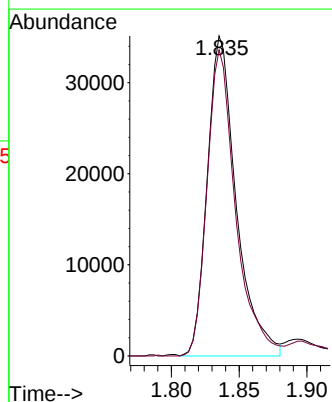
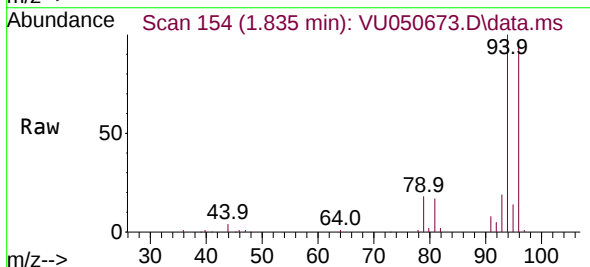
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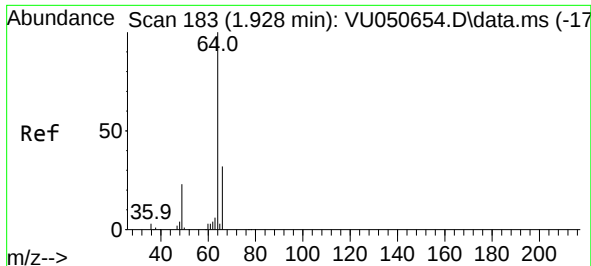
Tgt Ion: 62 Resp: 80410
 Ion Ratio Lower Upper
 62 100
 64 33.8 23.5 43.7



#6
 Bromomethane
 Concen: 43.410 ug/L
 RT: 1.835 min Scan# 154
 Delta R.T. -0.013 min
 Lab File: VU050673.D
 Acq: 07 Sep 2022 20:14

Tgt Ion: 94 Resp: 52391
 Ion Ratio Lower Upper
 94 100
 96 95.6 65.6 121.8

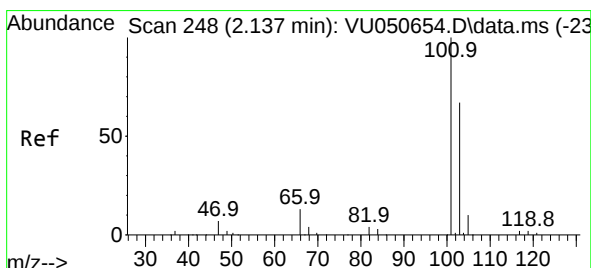
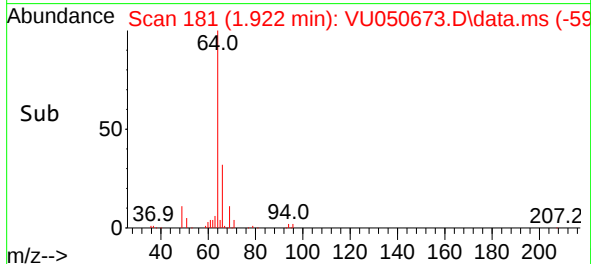
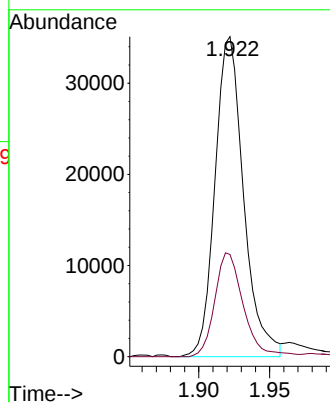
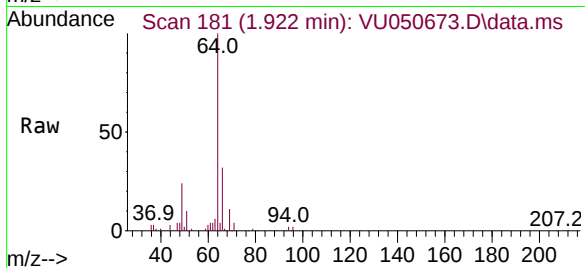




#8
Chloroethane
Concen: 38.747 ug/L
RT: 1.922 min Scan# 181
Delta R.T. -0.006 min
Lab File: VU050673.D
Acq: 07 Sep 2022 20:14

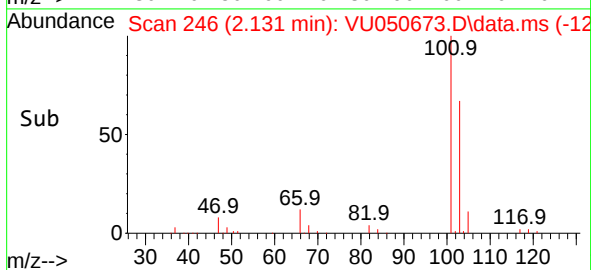
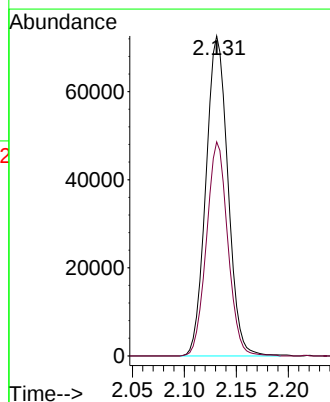
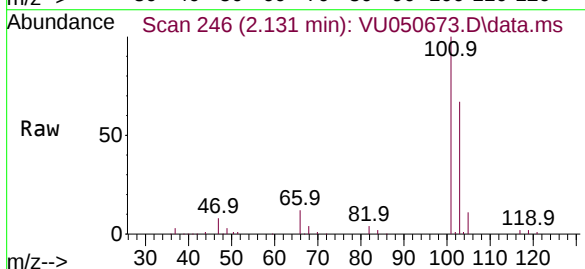
Instrument :
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ClientSampleId :
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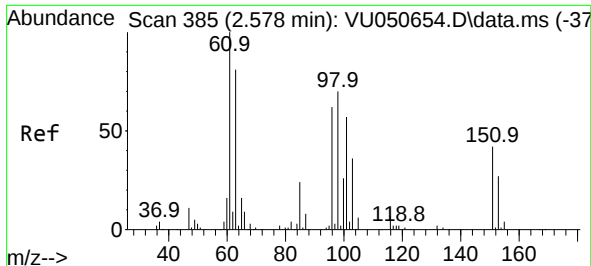
Tgt Ion: 64 Resp: 49250
Ion Ratio Lower Upper
64 100
66 31.9 21.9 40.7



#9
Trichlorofluoromethane
Concen: 36.731 ug/L
RT: 2.131 min Scan# 246
Delta R.T. -0.003 min
Lab File: VU050673.D
Acq: 07 Sep 2022 20:14

Tgt Ion: 101 Resp: 107095
Ion Ratio Lower Upper
101 100
103 64.8 51.4 77.0

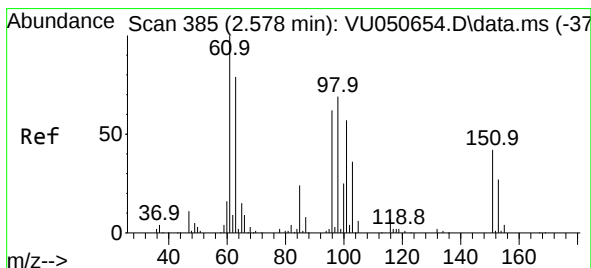
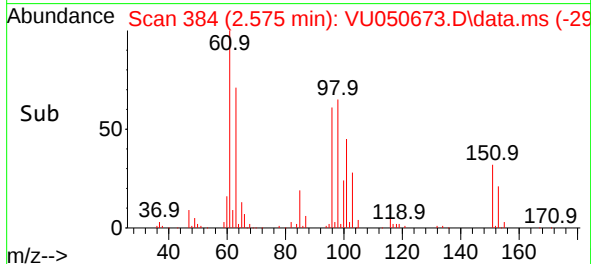
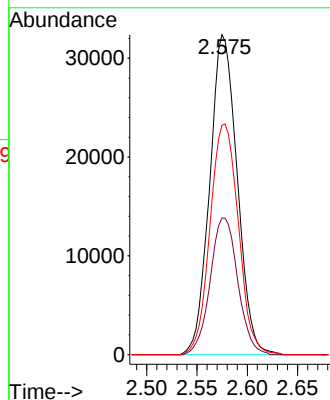
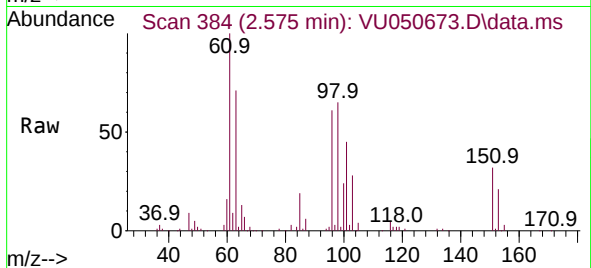




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 32.161 ug/L
 RT: 2.575 min Scan# 384
 Delta R.T. -0.003 min
 Lab File: VU050673.D
 Acq: 07 Sep 2022 20:14

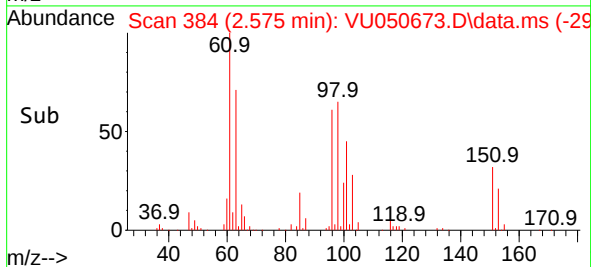
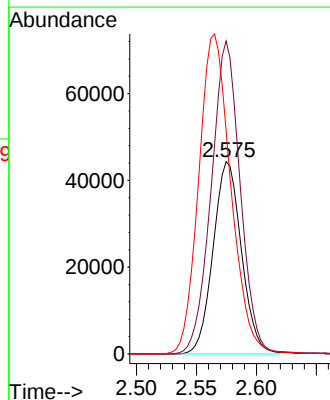
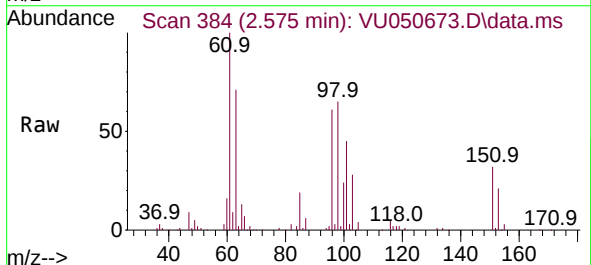
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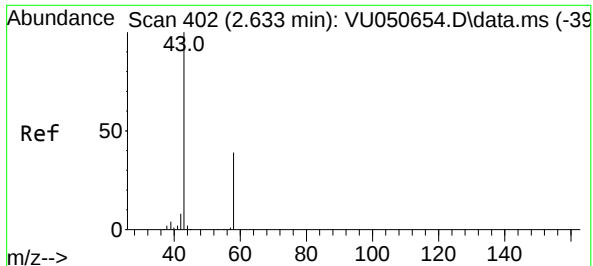
Tgt Ion:101 Resp: 61511
 Ion Ratio Lower Upper
 101 100
 85 42.9 34.4 51.6
 151 74.3 57.7 86.5



#12
 1,1-Dichloroethene
 Concen: 39.150 ug/L
 RT: 2.575 min Scan# 384
 Delta R.T. -0.003 min
 Lab File: VU050673.D
 Acq: 07 Sep 2022 20:14

Tgt Ion: 96 Resp: 72756
 Ion Ratio Lower Upper
 96 100
 61 162.7 118.0 219.1
 63 116.1 79.5 147.7





#13

Acetone

Concen: 105.212 ug/L

RT: 2.623 min Scan# 39

Delta R.T. 0.000 min

Lab File: VU050673.D

Acq: 07 Sep 2022 20:14

Instrument :

MSVOA_U

ClientSampleId :

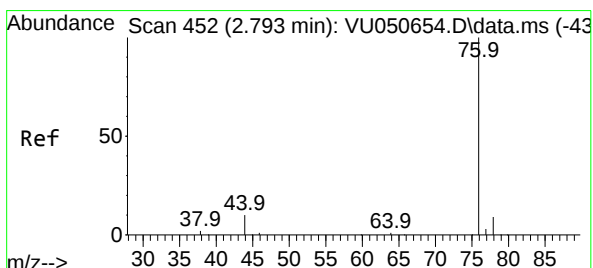
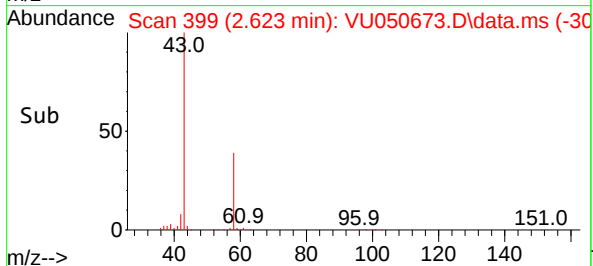
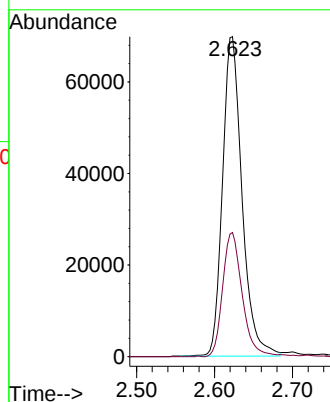
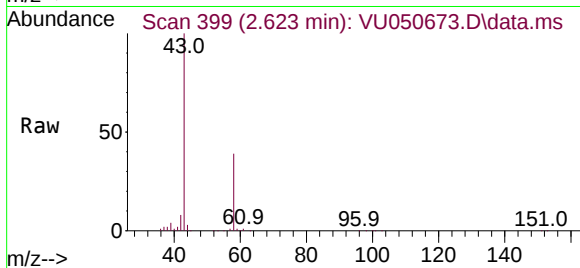
EW345MS

Tgt Ion: 43 Resp: 121551

Ion Ratio Lower Upper

43 100

58 38.6 0.0 76.2



#14

Carbon disulfide

Concen: 37.112 ug/L

RT: 2.790 min Scan# 451

Delta R.T. 0.000 min

Lab File: VU050673.D

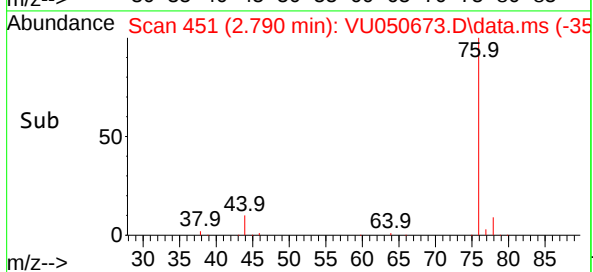
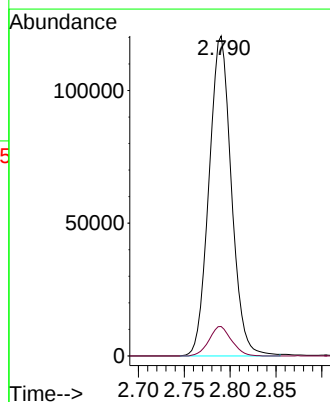
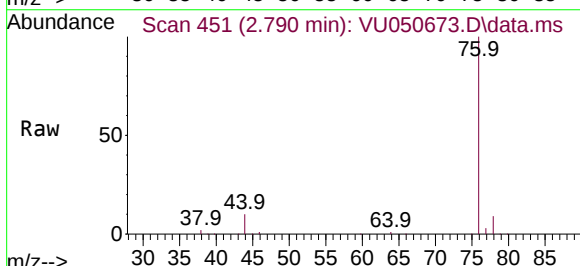
Acq: 07 Sep 2022 20:14

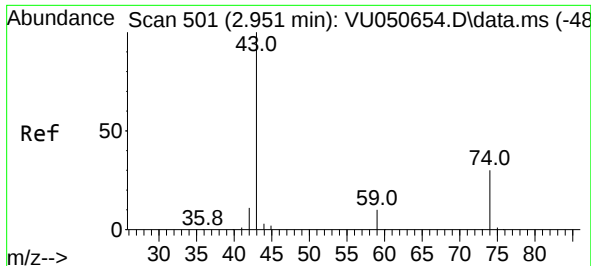
Tgt Ion: 76 Resp: 204520

Ion Ratio Lower Upper

76 100

78 9.2 7.3 10.9

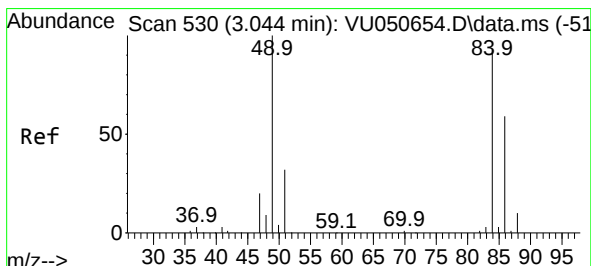
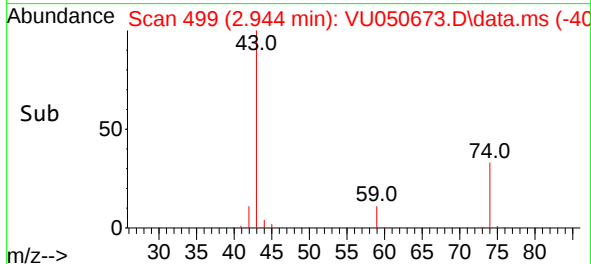
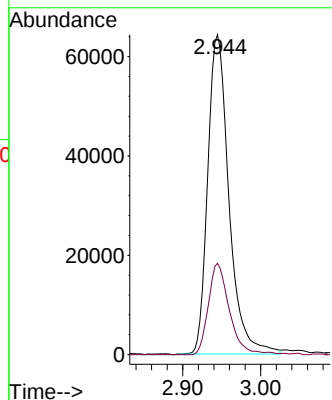
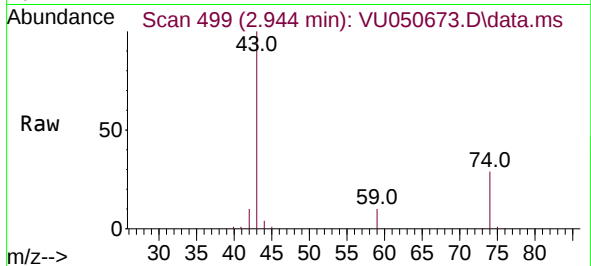




#15
Methyl Acetate
Concen: 49.822 ug/L
RT: 2.944 min Scan# 499
Delta R.T. -0.003 min
Lab File: VU050673.D
Acq: 07 Sep 2022 20:14

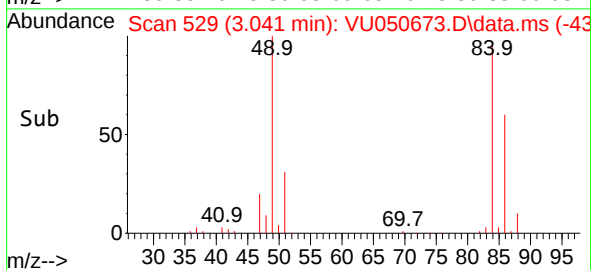
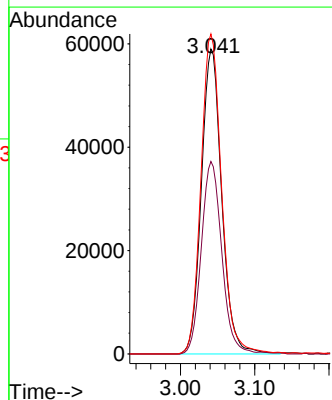
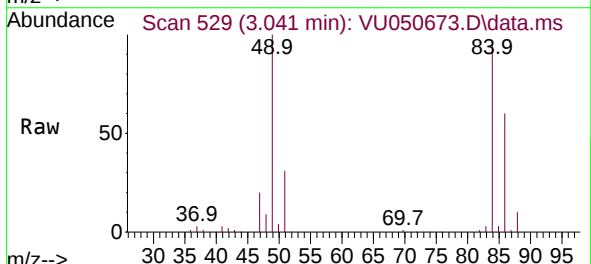
Instrument :
MSVOA_U
ClientSampleId :
EW345MS

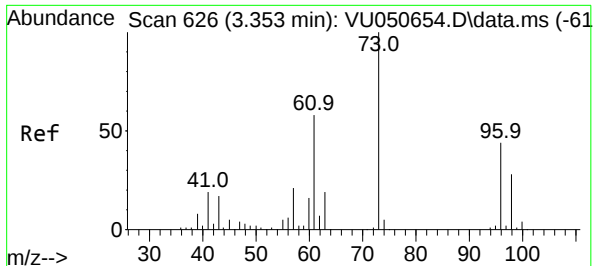
Tgt Ion: 43 Resp: 121730
Ion Ratio Lower Upper
43 100
74 27.5 21.2 31.8



#16
Methylene chloride
Concen: 46.098 ug/L
RT: 3.041 min Scan# 529
Delta R.T. -0.003 min
Lab File: VU050673.D
Acq: 07 Sep 2022 20:14

Tgt Ion: 84 Resp: 112430
Ion Ratio Lower Upper
84 100
86 63.1 44.8 83.2
49 105.0 80.6 149.8





#17

trans-1,2-Dichloroethene

Concen: 42.765 ug/L

RT: 3.350 min Scan# 61

Delta R.T. -0.003 min

Lab File: VU050673.D

Acq: 07 Sep 2022 20:14

Instrument :

MSVOA_U

ClientSampleId :

EW345MS

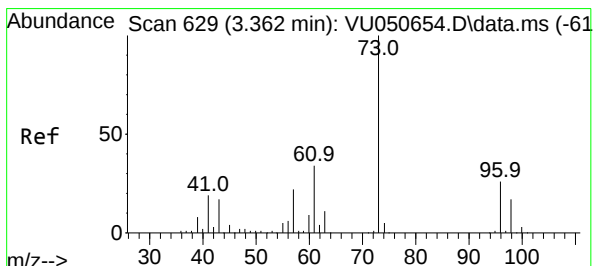
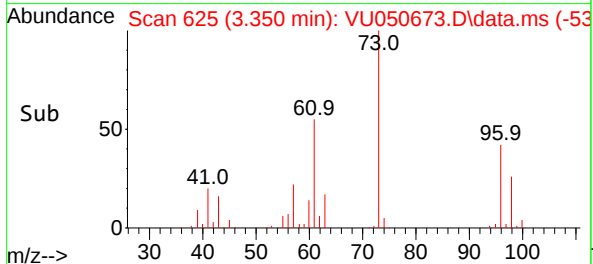
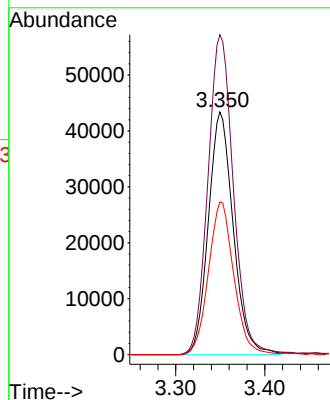
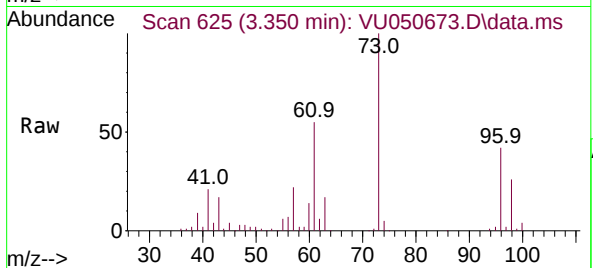
Tgt Ion: 96 Resp: 84275

Ion Ratio Lower Upper

96 100

61 131.8 97.9 181.7

98 62.9 44.8 83.2



#18

Methyl tert-butyl Ether

Concen: 51.289 ug/L

RT: 3.359 min Scan# 628

Delta R.T. -0.003 min

Lab File: VU050673.D

Acq: 07 Sep 2022 20:14

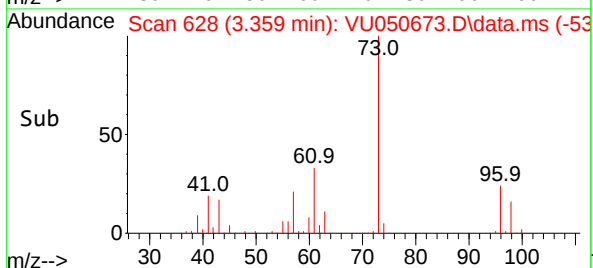
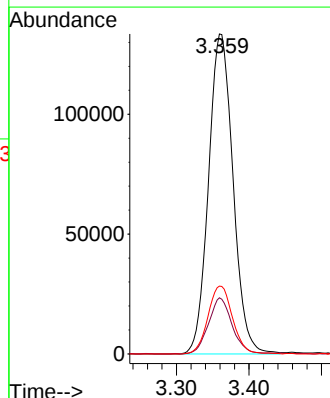
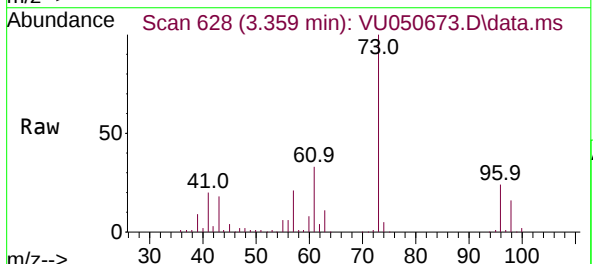
Tgt Ion: 73 Resp: 313382

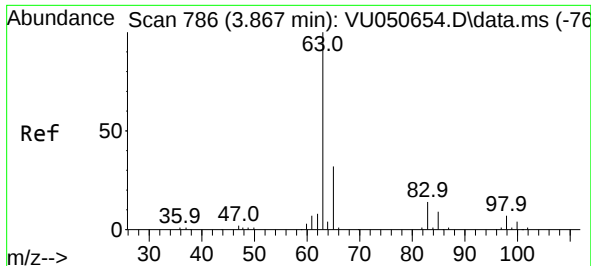
Ion Ratio Lower Upper

73 100

43 16.9 13.4 20.2

57 21.1 17.8 26.8





#19

1,1-Dichloroethane

Concen: 46.107 ug/L

RT: 3.867 min Scan# 786

Delta R.T. -0.003 min

Lab File: VU050673.D

Acq: 07 Sep 2022 20:14

Instrument :

MSVOA_U

ClientSampleId :

EW345MS

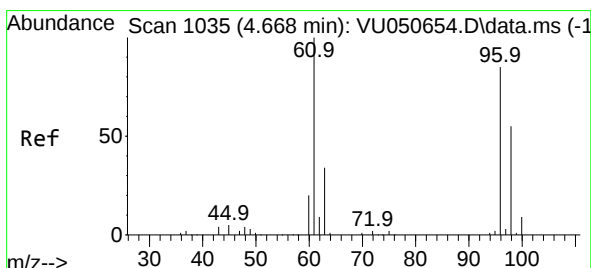
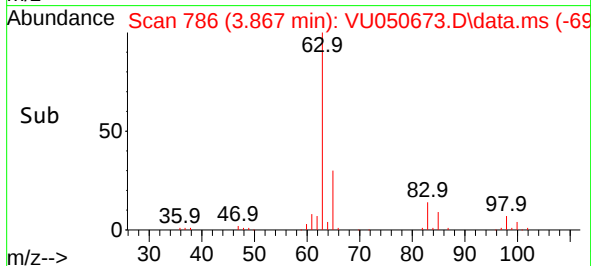
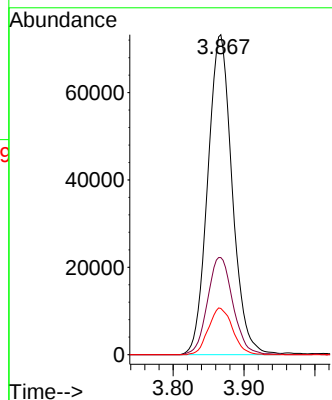
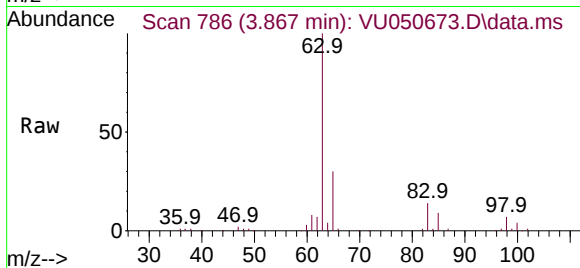
Tgt Ion: 63 Resp: 175301

Ion Ratio Lower Upper

63 100

65 30.3 22.4 41.6

83 14.4 9.5 17.7



#20

cis-1,2-Dichloroethene

Concen: 47.399 ug/L

RT: 4.665 min Scan# 1034

Delta R.T. -0.003 min

Lab File: VU050673.D

Acq: 07 Sep 2022 20:14

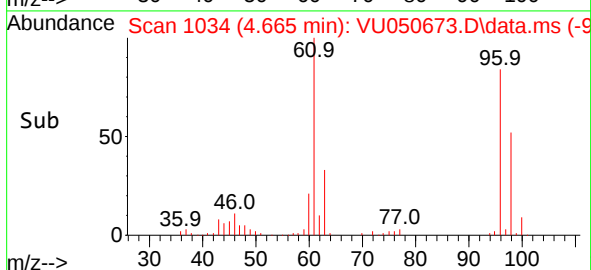
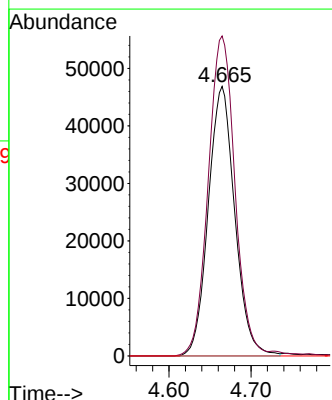
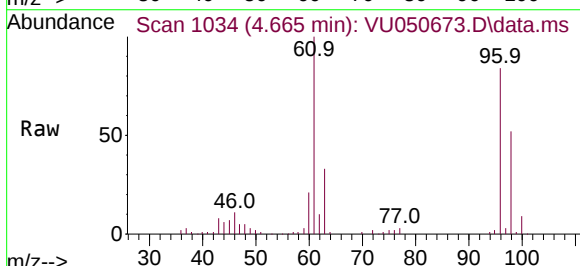
Tgt Ion: 96 Resp: 105391

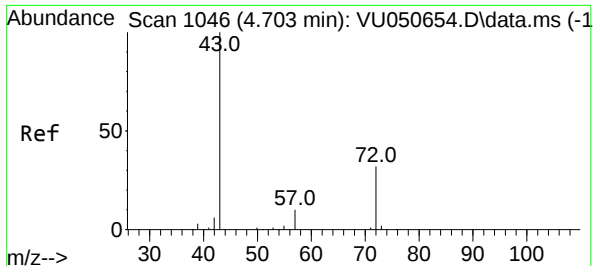
Ion Ratio Lower Upper

96 100

61 118.7 89.8 166.8

68 0.0 0.0 0.0





#22

2-Butanone

Concen: 105.316 ug/L

RT: 4.697 min Scan# 1044

Delta R.T. -0.003 min

Lab File: VU050673.D

Acq: 07 Sep 2022 20:14

Instrument :

MSVOA_U

ClientSampleId :

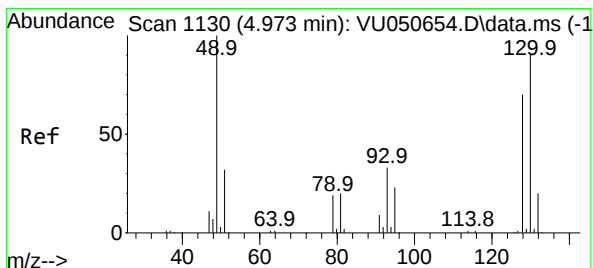
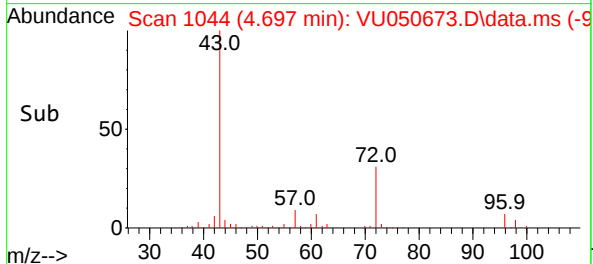
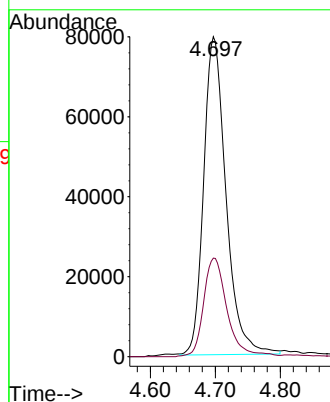
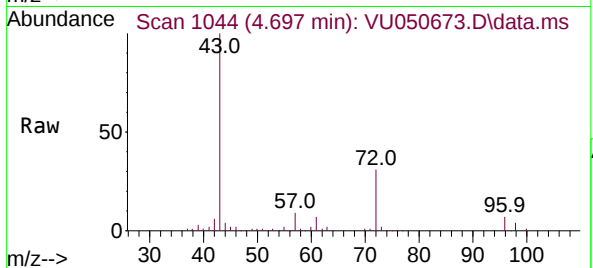
EW345MS

Tgt Ion: 43 Resp: 190300

Ion Ratio Lower Upper

43 100

72 32.5 14.6 44.0



#23

Bromochloromethane

Concen: 52.243 ug/L

RT: 4.970 min Scan# 1129

Delta R.T. -0.003 min

Lab File: VU050673.D

Acq: 07 Sep 2022 20:14

Tgt Ion:128 Resp: 60025

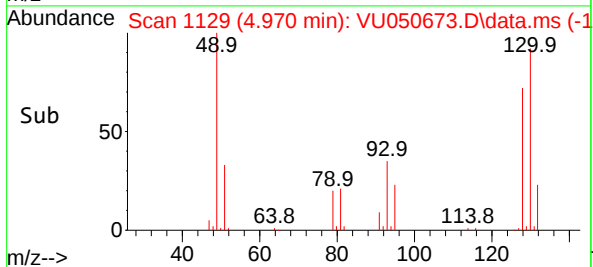
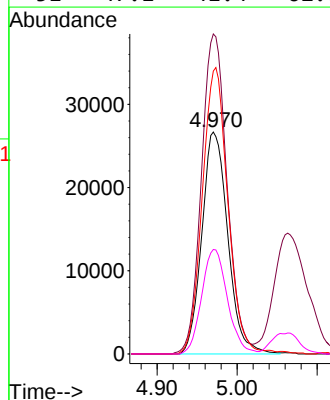
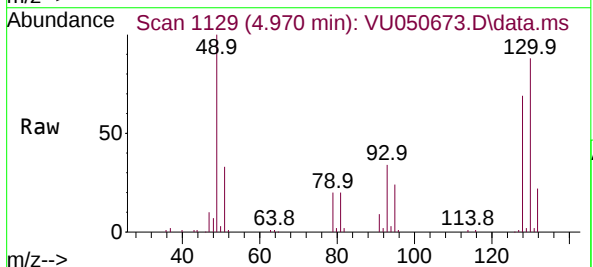
Ion Ratio Lower Upper

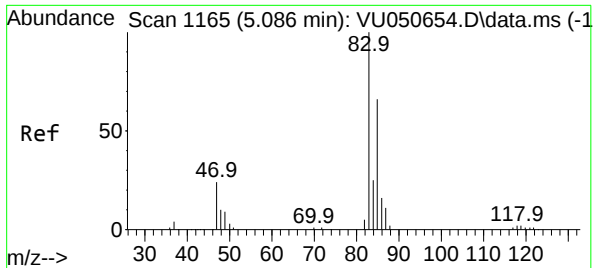
128 100

49 144.3 112.5 208.9

130 127.5 91.8 170.4

51 47.1 41.4 62.0





#25

Chloroform

Concen: 49.815 ug/L

RT: 5.086 min Scan# 1165

Delta R.T. -0.003 min

Lab File: VU050673.D

Acq: 07 Sep 2022 20:14

Instrument :

MSVOA_U

ClientSampleId :

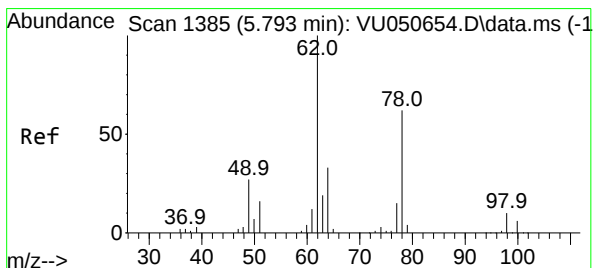
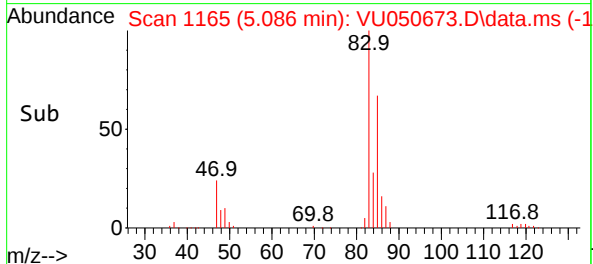
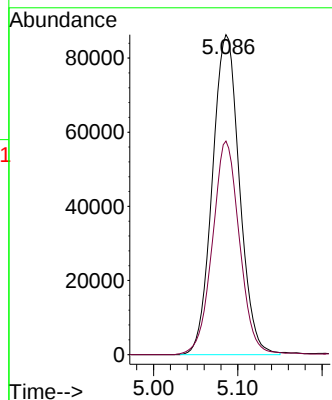
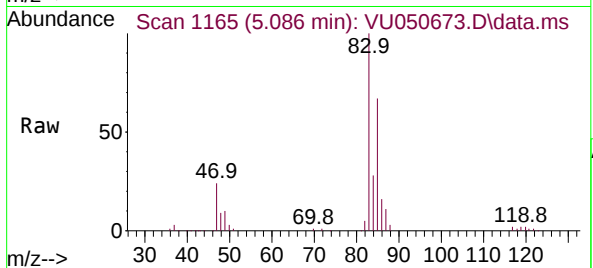
EW345MS

Tgt Ion: 83 Resp: 192962

Ion Ratio Lower Upper

83 100

85 66.7 45.6 84.8



#27

1,2-Dichloroethane

Concen: 52.804 ug/L

RT: 5.790 min Scan# 1384

Delta R.T. -0.003 min

Lab File: VU050673.D

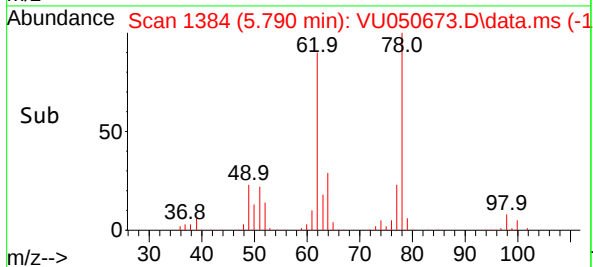
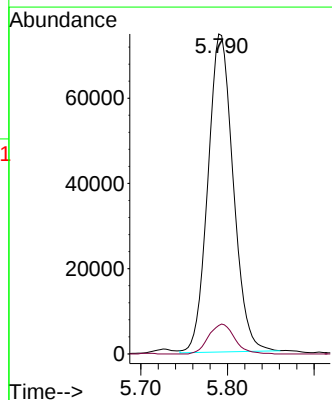
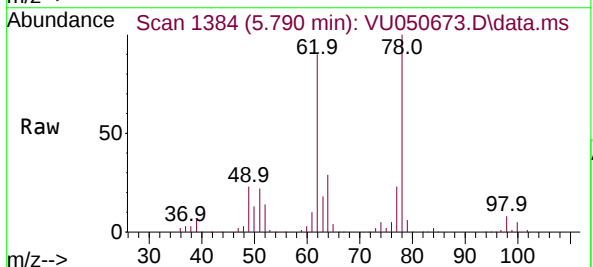
Acq: 07 Sep 2022 20:14

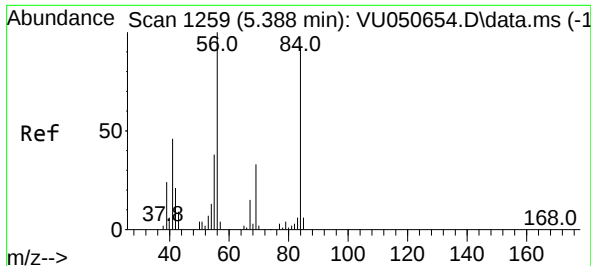
Tgt Ion: 62 Resp: 151600

Ion Ratio Lower Upper

62 100

98 8.9 8.2 12.2

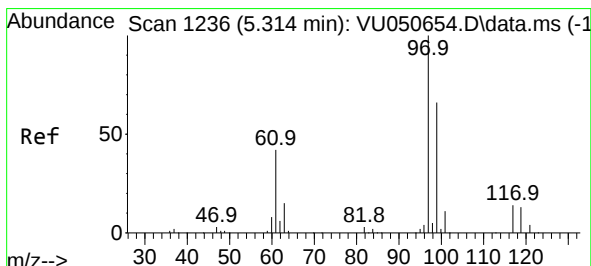
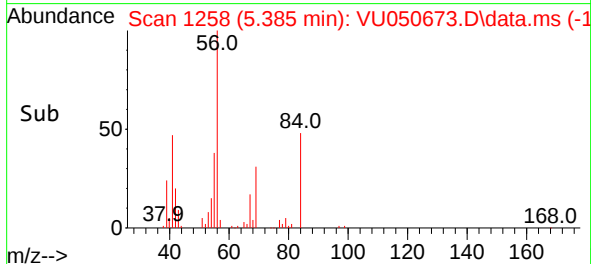
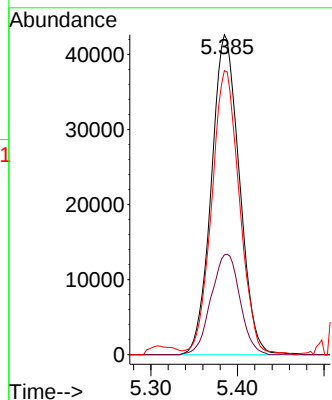
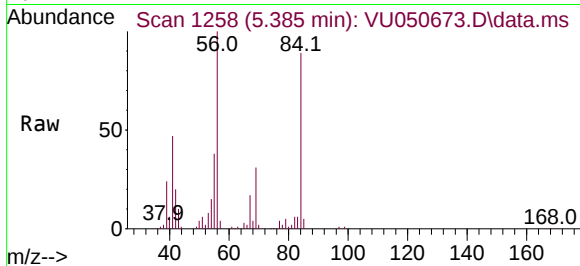




#29
Cyclohexane
Concen: 28.497 ug/L
RT: 5.385 min Scan# 1258
Delta R.T. -0.003 min
Lab File: VU050673.D
Acq: 07 Sep 2022 20:14

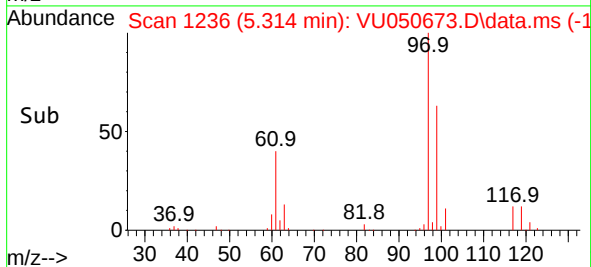
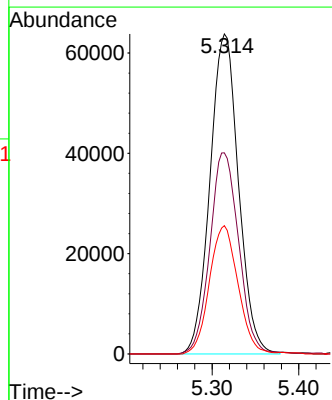
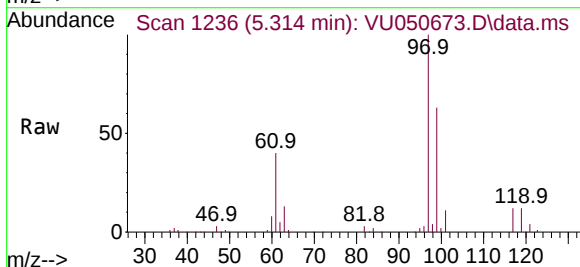
Instrument :
MSVOA_U
ClientSampleId :
EW345MS

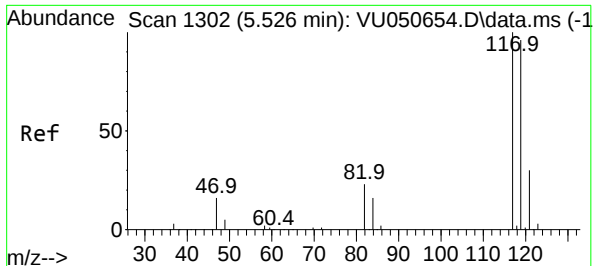
Tgt Ion: 56 Resp: 95591
Ion Ratio Lower Upper
56 100
69 32.3 24.6 37.0
84 87.1 67.4 101.2



#30
1,1,1-Trichloroethane
Concen: 43.275 ug/L
RT: 5.314 min Scan# 1236
Delta R.T. -0.003 min
Lab File: VU050673.D
Acq: 07 Sep 2022 20:14

Tgt Ion: 97 Resp: 145991
Ion Ratio Lower Upper
97 100
99 63.5 51.2 76.8
61 40.1 34.2 51.4

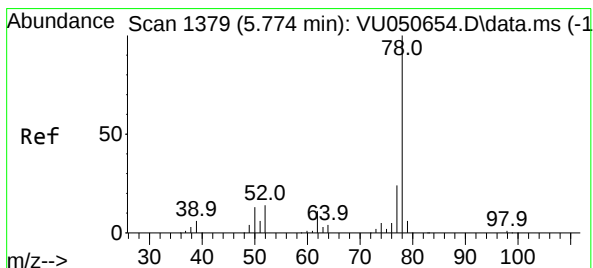
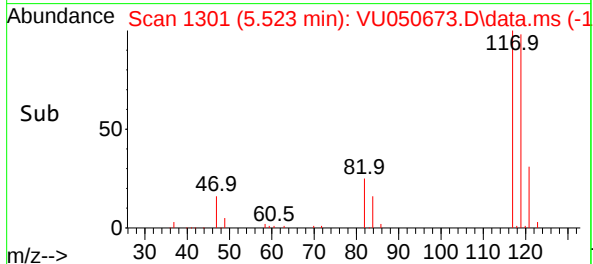
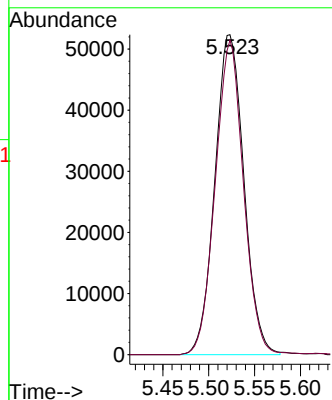
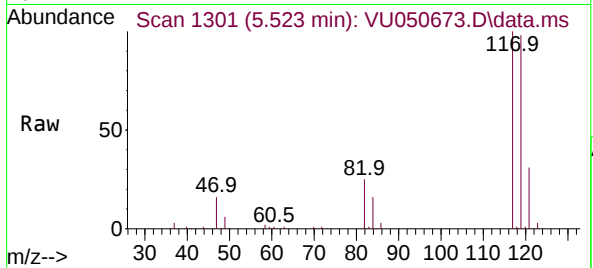




#31
Carbon tetrachloride
Concen: 41.647 ug/L
RT: 5.523 min Scan# 1302
Delta R.T. 0.000 min
Lab File: VU050673.D
Acq: 07 Sep 2022 20:14

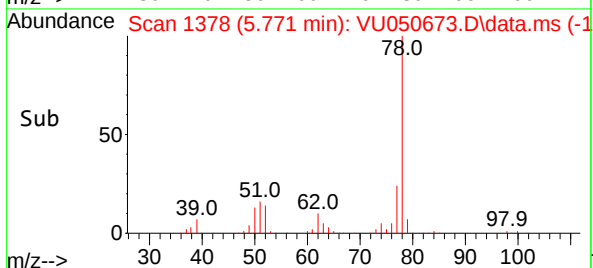
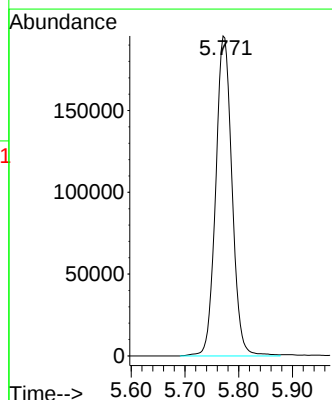
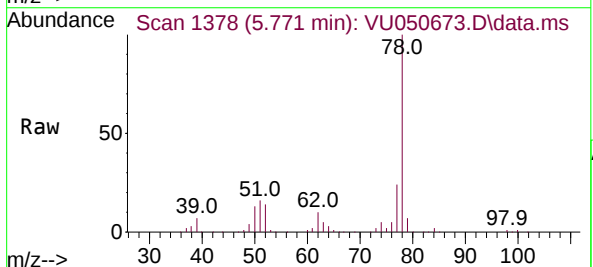
Instrument :
MSVOA_U
ClientSampleId :
EW345MS

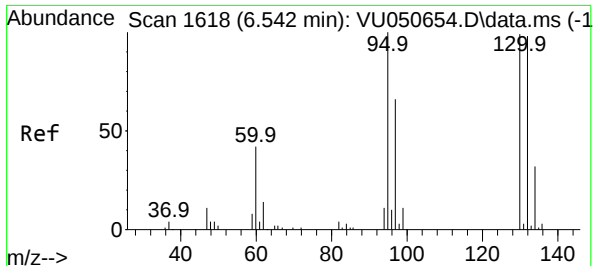
Tgt Ion:117 Resp: 115111
Ion Ratio Lower Upper
117 100
119 95.4 77.4 116.2



#33
Benzene
Concen: 45.246 ug/L
RT: 5.771 min Scan# 1378
Delta R.T. -0.003 min
Lab File: VU050673.D
Acq: 07 Sep 2022 20:14

Tgt Ion: 78 Resp: 412429



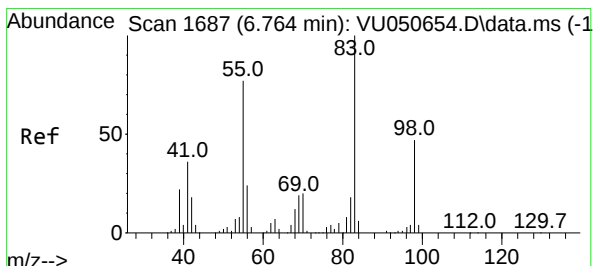
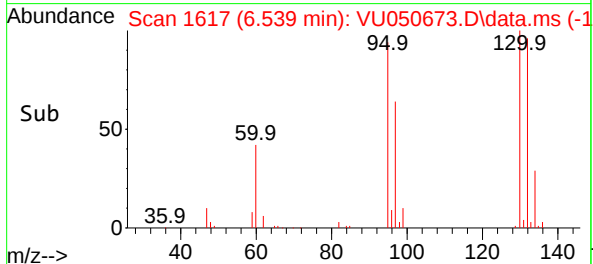
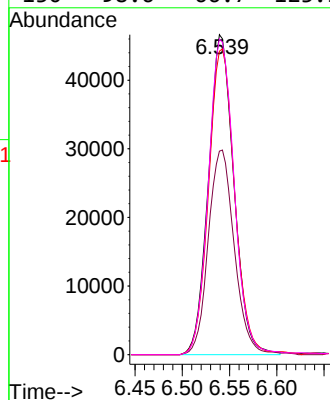
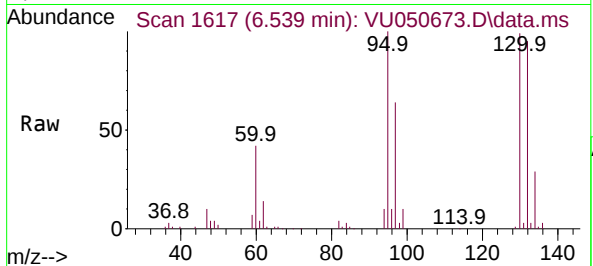


#34
Trichloroethene
Concen: 41.197 ug/L
RT: 6.539 min Scan# 1617
Delta R.T. -0.003 min
Lab File: VU050673.D
Acq: 07 Sep 2022 20:14

Instrument :
MSVOA_U
ClientSampleId :
EW345MS

Tgt Ion: 95 Resp: 87501

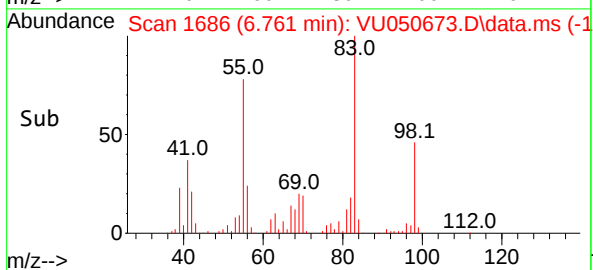
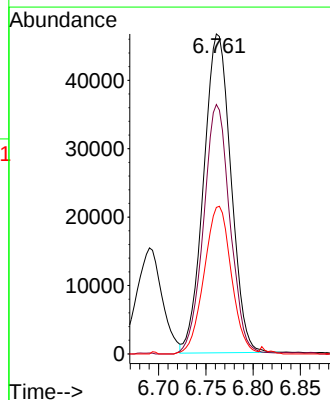
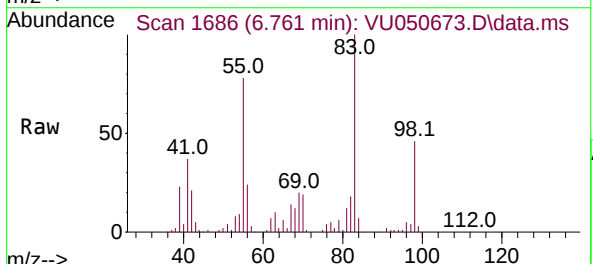
Ion	Ratio	Lower	Upper
95	100		
97	63.6	45.4	84.2
132	94.8	65.2	121.2
130	98.6	66.7	123.9

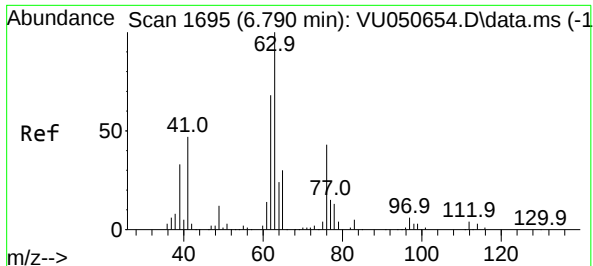


#35
Methylcyclohexane
Concen: 27.793 ug/L
RT: 6.761 min Scan# 1686
Delta R.T. -0.003 min
Lab File: VU050673.D
Acq: 07 Sep 2022 20:14

Tgt Ion: 83 Resp: 93849

Ion	Ratio	Lower	Upper
83	100		
55	75.7	62.6	93.8
98	46.0	35.5	53.3





#37

1,2-Dichloropropane

Concen: 45.932 ug/L

RT: 6.790 min Scan# 1695

Delta R.T. -0.003 min

Lab File: VU050673.D

Acq: 07 Sep 2022 20:14

Instrument :

MSVOA_U

ClientSampleId :

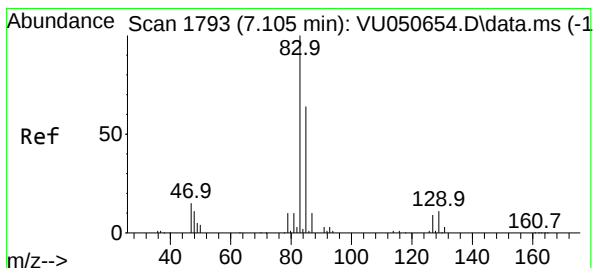
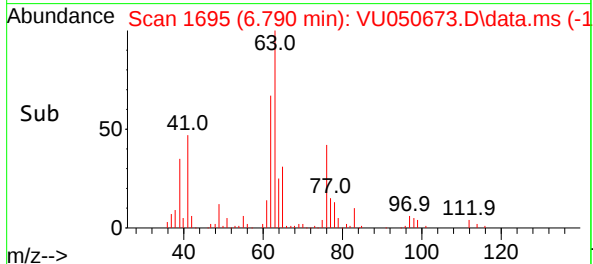
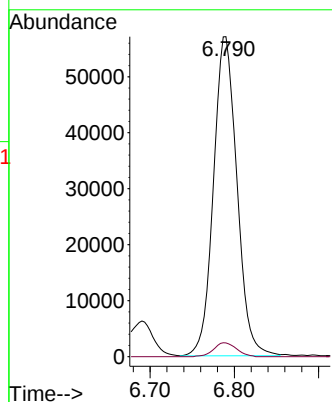
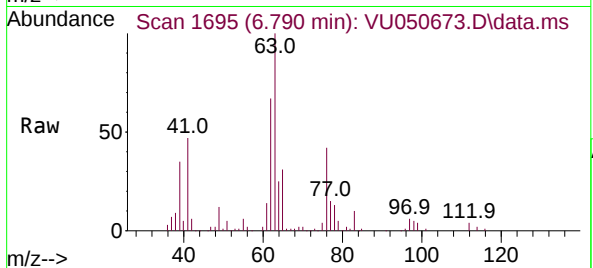
EW345MS

Tgt Ion: 63 Resp: 110592

Ion Ratio Lower Upper

63 100

112 4.2 3.0 4.4



#38

Bromodichloromethane

Concen: 51.570 ug/L

RT: 7.105 min Scan# 1793

Delta R.T. 0.000 min

Lab File: VU050673.D

Acq: 07 Sep 2022 20:14

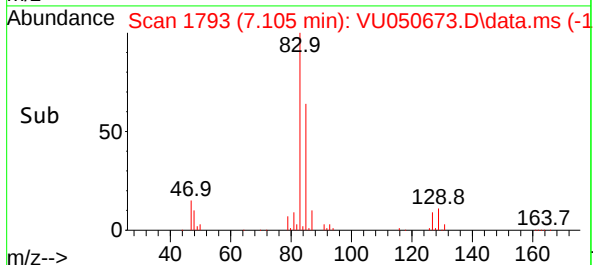
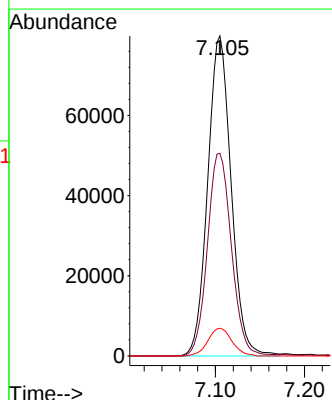
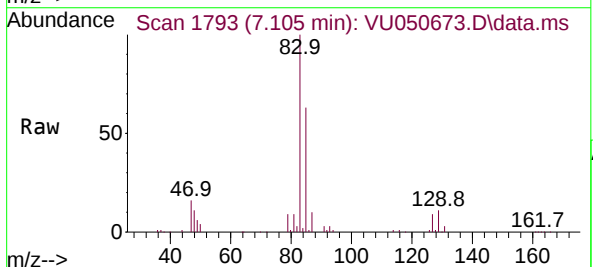
Tgt Ion: 83 Resp: 146062

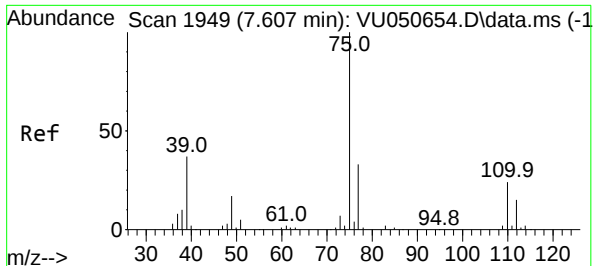
Ion Ratio Lower Upper

83 100

85 63.3 44.9 83.5

127 8.6 6.6 10.0





#39

cis-1,3-Dichloropropene

Concen: 47.573 ug/L

RT: 7.607 min Scan# 19

Delta R.T. 0.000 min

Lab File: VU050673.D

Acq: 07 Sep 2022 20:14

Instrument :

MSVOA_U

ClientSampleId :

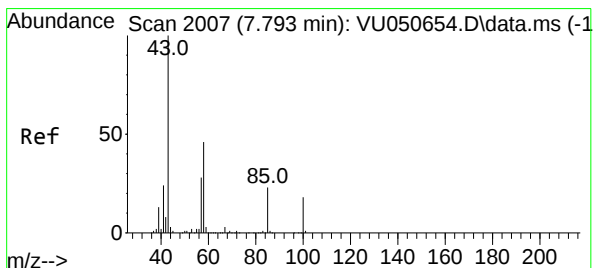
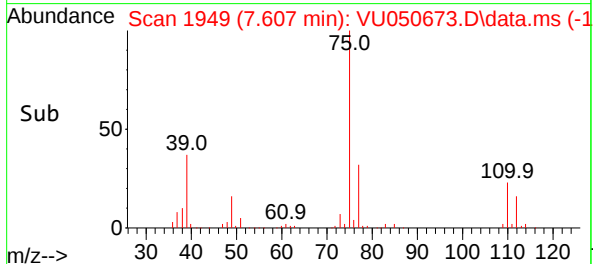
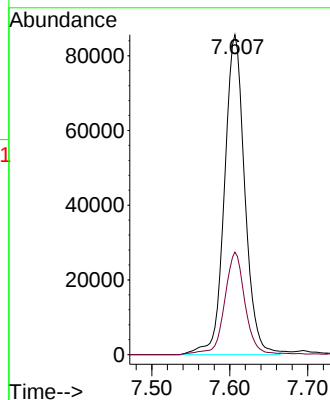
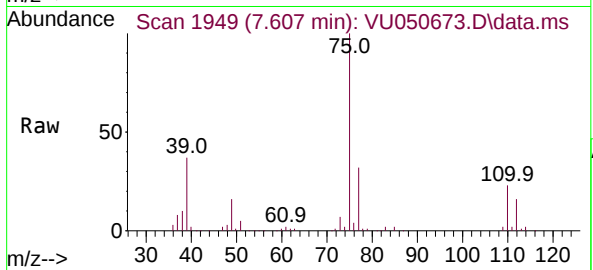
EW345MS

Tgt Ion: 75 Resp: 155045

Ion Ratio Lower Upper

75 100

77 32.0 22.5 41.7



#40

4-Methyl-2-pentanone

Concen: 100.075 ug/L

RT: 7.790 min Scan# 2006

Delta R.T. 0.000 min

Lab File: VU050673.D

Acq: 07 Sep 2022 20:14

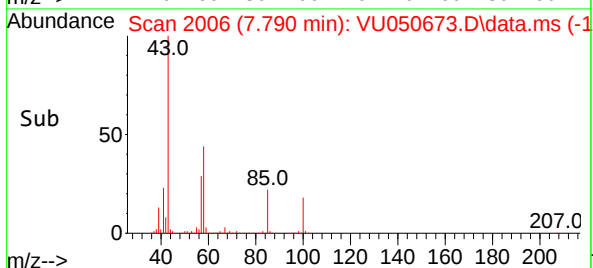
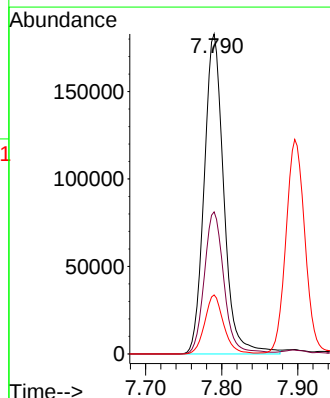
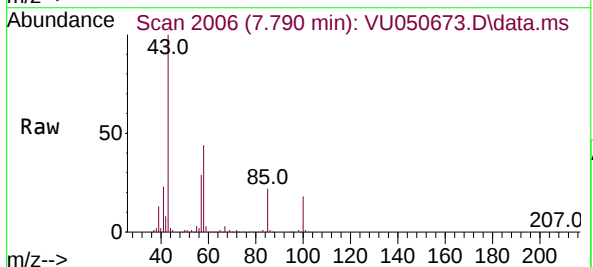
Tgt Ion: 43 Resp: 328359

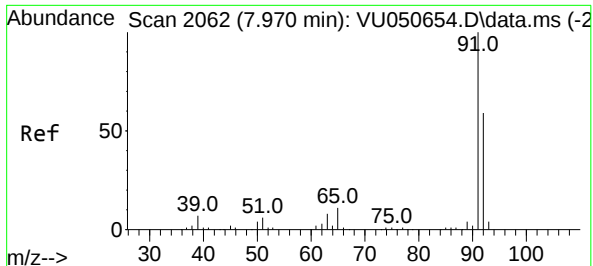
Ion Ratio Lower Upper

43 100

58 44.7 35.1 52.7

100 17.7 12.9 19.3





#42

Toluene

Concen: 44.370 ug/L

RT: 7.967 min Scan# 2062

Delta R.T. -0.003 min

Lab File: VU050673.D

Acq: 07 Sep 2022 20:14

Instrument :

MSVOA_U

ClientSampleId :

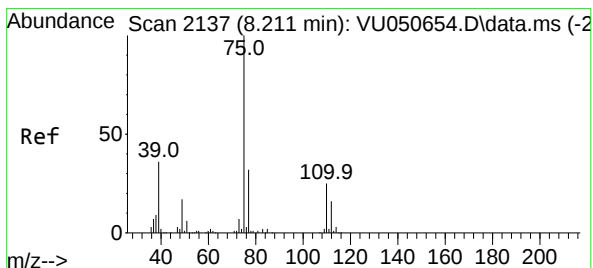
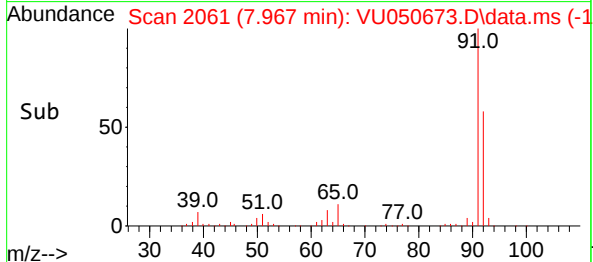
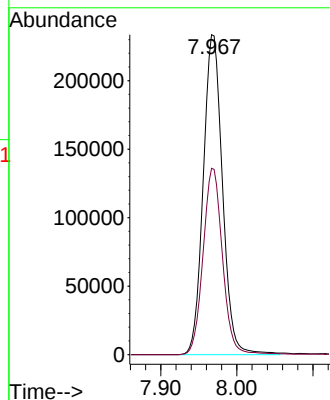
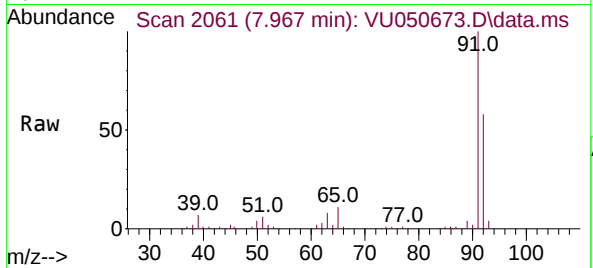
EW345MS

Tgt Ion: 91 Resp: 410828

Ion Ratio Lower Upper

91 100

92 58.2 40.5 75.3



#44

trans-1,3-Dichloropropene

Concen: 48.683 ug/L

RT: 8.208 min Scan# 2136

Delta R.T. -0.003 min

Lab File: VU050673.D

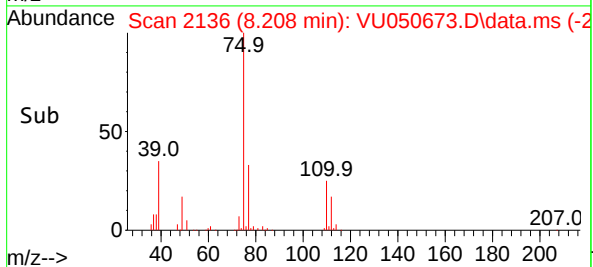
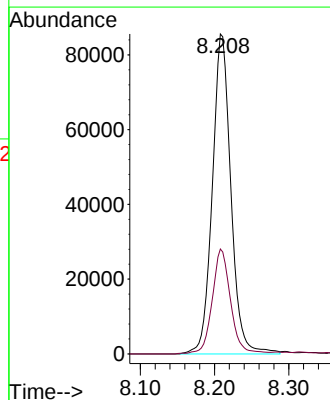
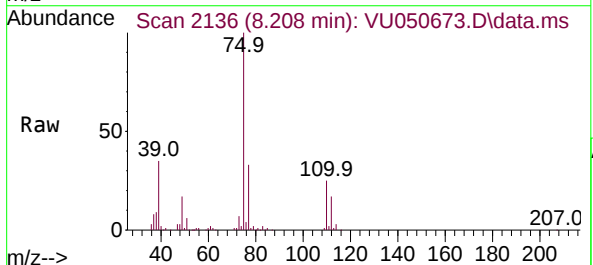
Acq: 07 Sep 2022 20:14

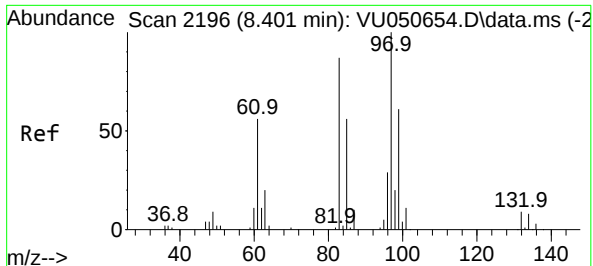
Tgt Ion: 75 Resp: 148864

Ion Ratio Lower Upper

75 100

77 32.8 22.1 41.1





#45

1,1,2-Trichloroethane

Concen: 50.370 ug/L

RT: 8.398 min Scan# 2195

Delta R.T. -0.003 min

Lab File: VU050673.D

Acq: 07 Sep 2022 20:14

Instrument :

MSVOA_U

ClientSampleId :

EW345MS

Tgt Ion: 97 Resp: 116504

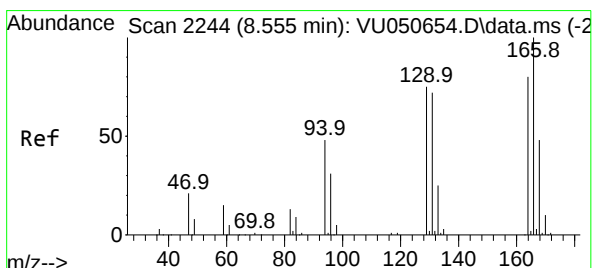
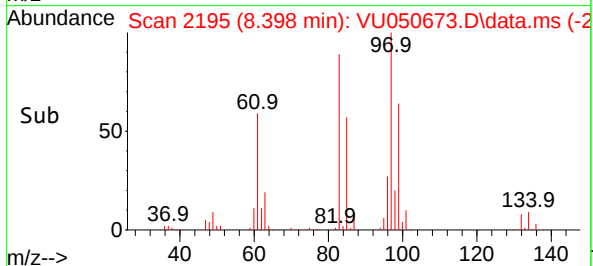
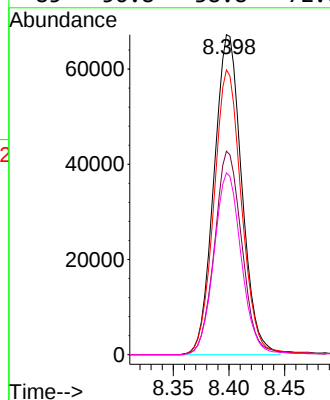
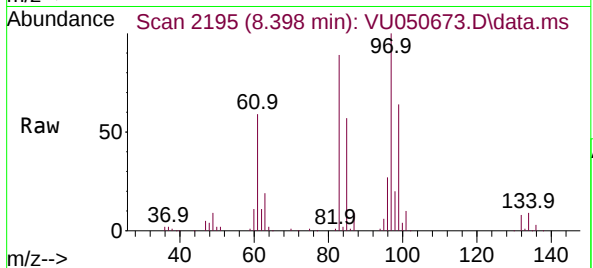
Ion Ratio Lower Upper

97 100

99 63.6 43.5 80.9

83 89.0 61.6 114.4

85 56.8 38.8 72.0



#46

Tetrachloroethene

Concen: 40.218 ug/L

RT: 8.552 min Scan# 2243

Delta R.T. -0.003 min

Lab File: VU050673.D

Acq: 07 Sep 2022 20:14

Tgt Ion:164 Resp: 62391

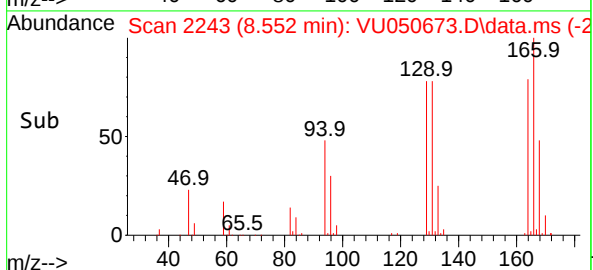
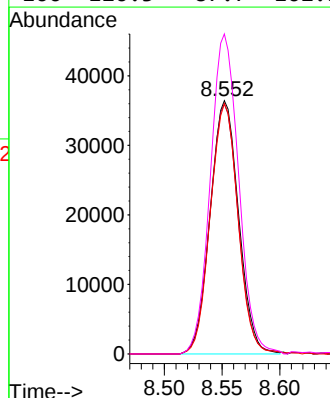
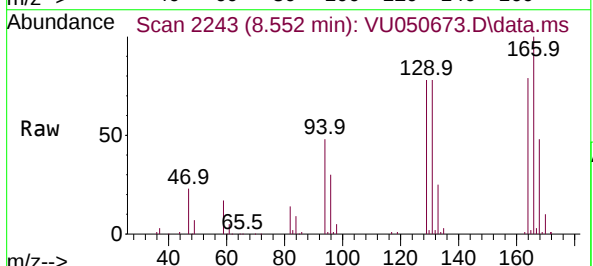
Ion Ratio Lower Upper

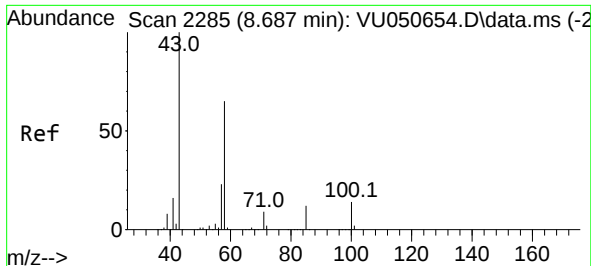
164 100

129 98.8 68.7 127.5

131 98.8 66.2 123.0

166 126.3 87.7 162.9



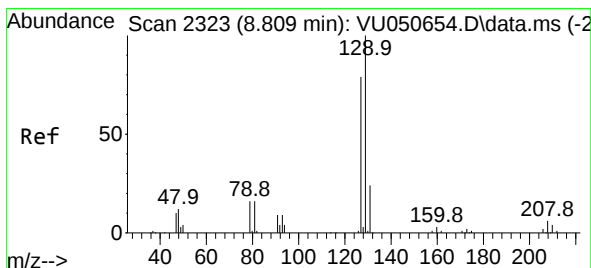
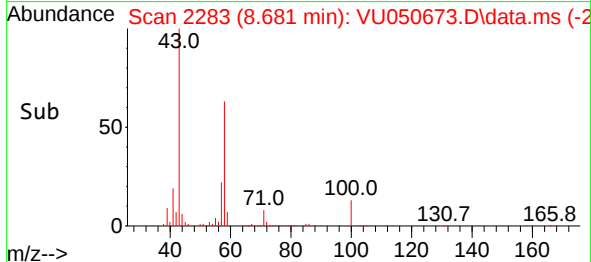
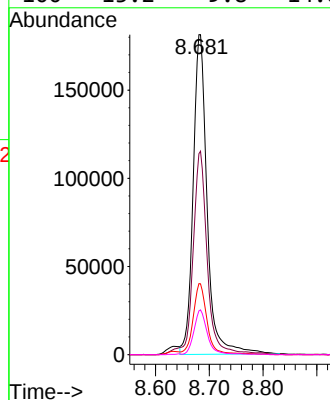
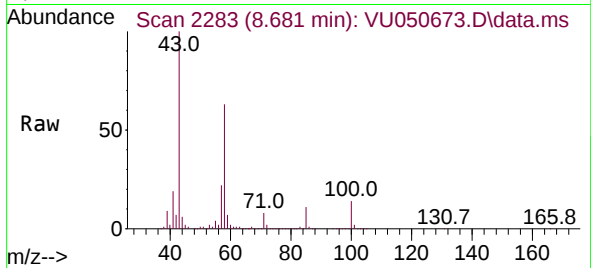


#48
2-Hexanone
Concen: 106.999 ug/L
RT: 8.681 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU050673.D
Acq: 07 Sep 2022 20:14

Instrument :
MSVOA_U
ClientSampleId :
EW345MS

Tgt Ion: 43 Resp: 327644

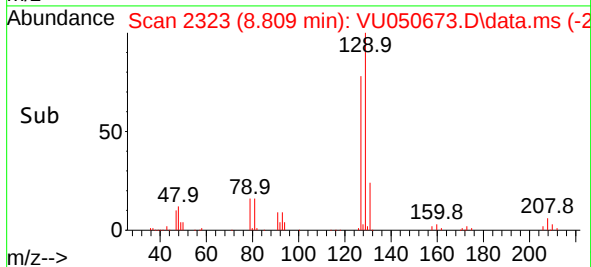
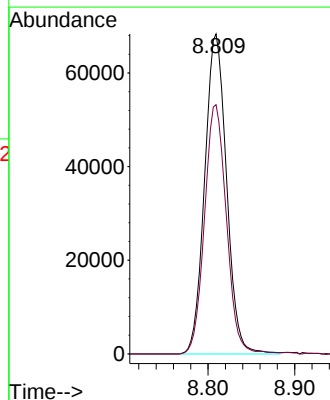
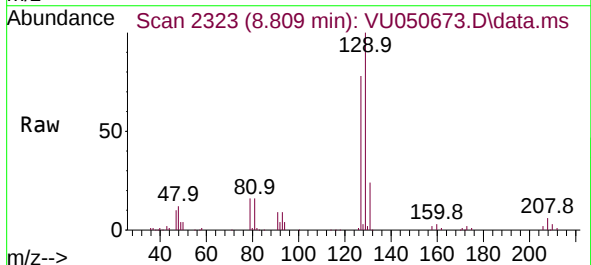
Ion	Ratio	Lower	Upper
43	100		
58	63.8	51.8	77.6
57	21.1	17.0	25.4
100	13.2	9.8	14.8

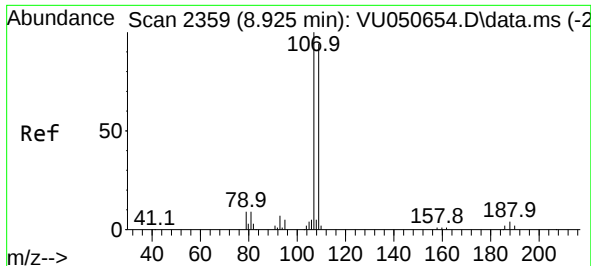


#49
Dibromochloromethane
Concen: 54.332 ug/L
RT: 8.809 min Scan# 2323
Delta R.T. -0.003 min
Lab File: VU050673.D
Acq: 07 Sep 2022 20:14

Tgt Ion: 129 Resp: 119861

Ion	Ratio	Lower	Upper
129	100		
127	77.9	53.8	100.0





#50

1,2-Dibromoethane

Concen: 52.557 ug/L

RT: 8.922 min Scan# 2359

Delta R.T. -0.003 min

Lab File: VU050673.D

Acq: 07 Sep 2022 20:14

Instrument :

MSVOA_U

ClientSampleId :

EW345MS

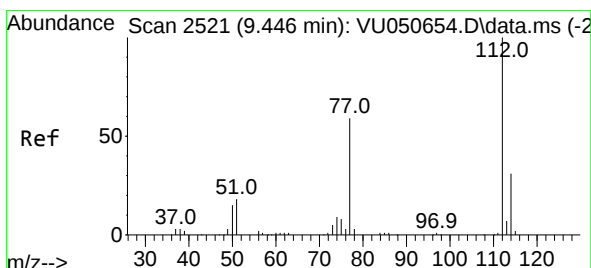
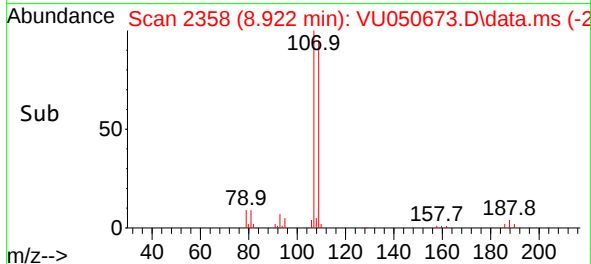
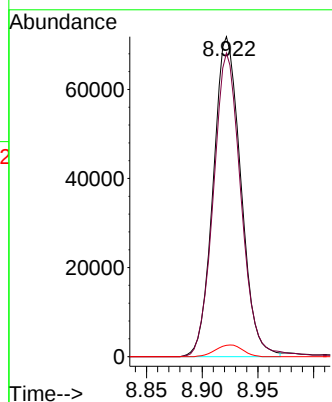
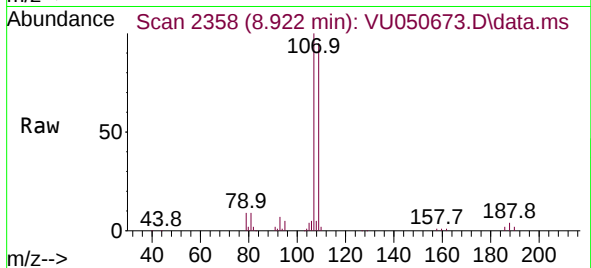
Tgt Ion:107 Resp: 123626

Ion Ratio Lower Upper

107 100

109 94.9 67.5 125.4

188 3.5 2.5 3.7



#51

Chlorobenzene

Concen: 45.905 ug/L

RT: 9.446 min Scan# 2521

Delta R.T. -0.003 min

Lab File: VU050673.D

Acq: 07 Sep 2022 20:14

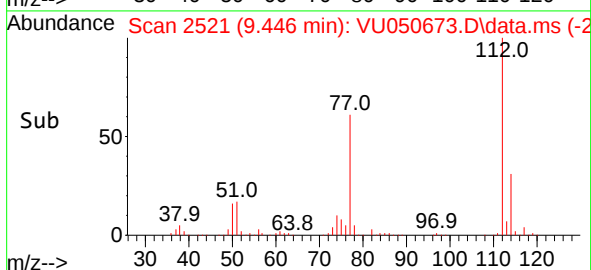
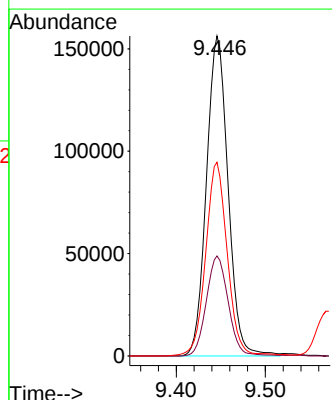
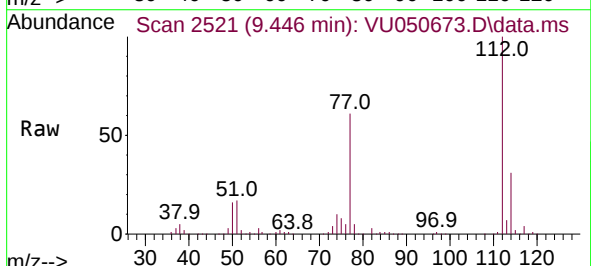
Tgt Ion:112 Resp: 263799

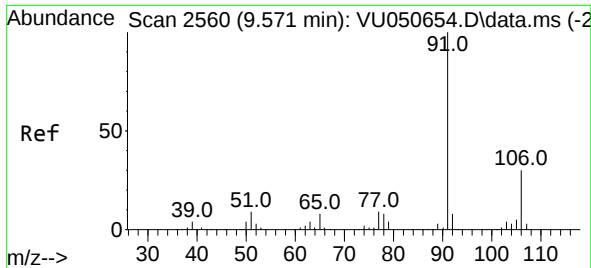
Ion Ratio Lower Upper

112 100

114 31.3 22.1 41.1

77 60.5 49.2 73.8

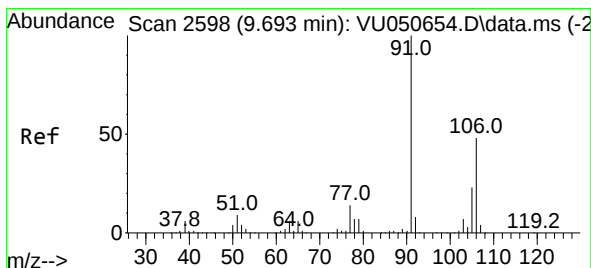
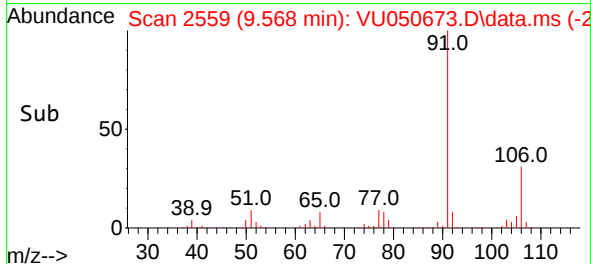
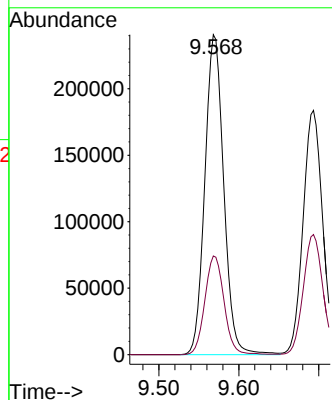
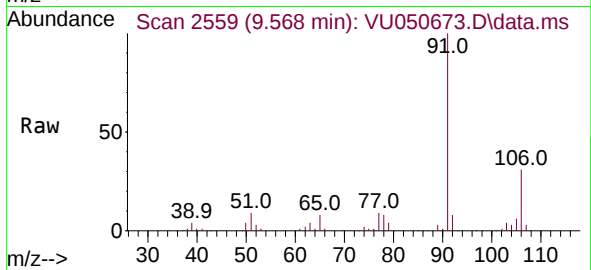




#52
Ethylbenzene
Concen: 43.060 ug/L
RT: 9.568 min Scan# 2559
Delta R.T. -0.003 min
Lab File: VU050673.D
Acq: 07 Sep 2022 20:14

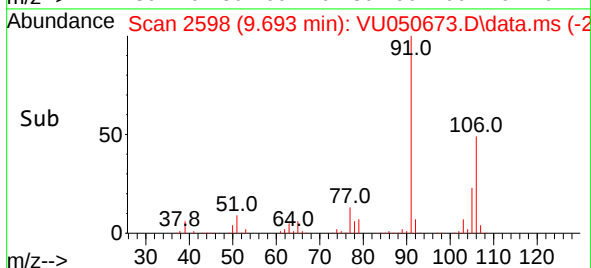
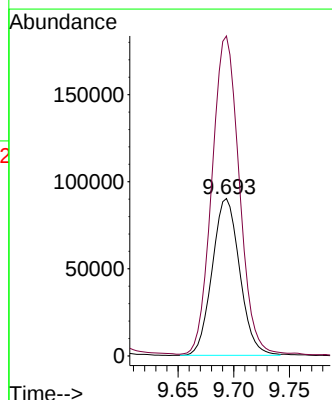
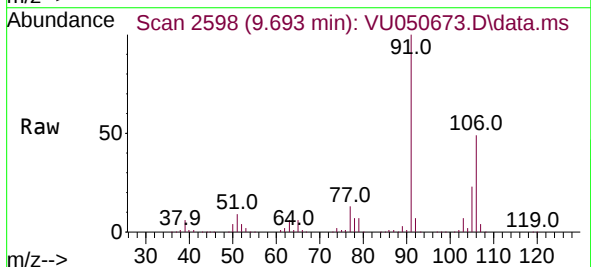
Instrument :
MSVOA_U
ClientSampleId :
EW345MS

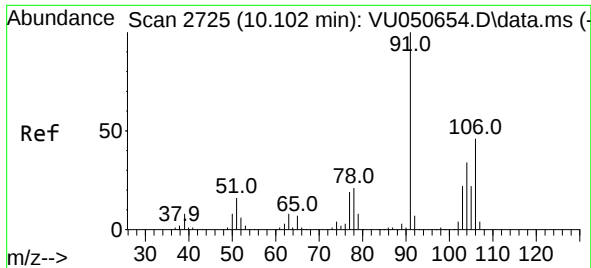
Tgt Ion: 91 Resp: 393875
Ion Ratio Lower Upper
91 100
106 30.8 21.2 39.4



#53
m,p-Xylene
Concen: 44.038 ug/L
RT: 9.693 min Scan# 2598
Delta R.T. -0.003 min
Lab File: VU050673.D
Acq: 07 Sep 2022 20:14

Tgt Ion: 106 Resp: 154326
Ion Ratio Lower Upper
106 100
91 203.3 147.1 273.3

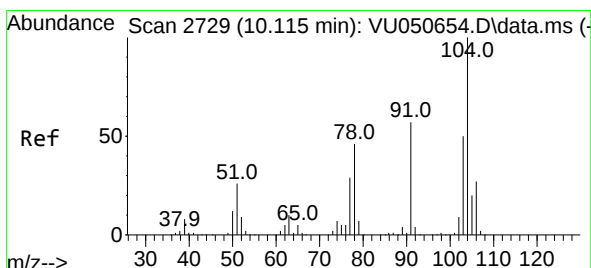
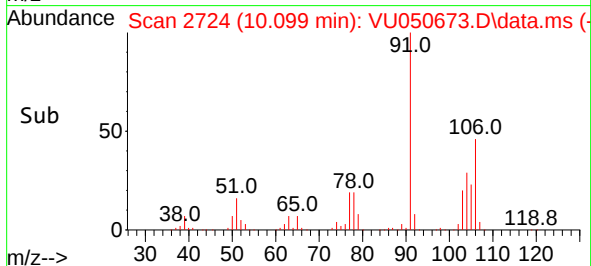
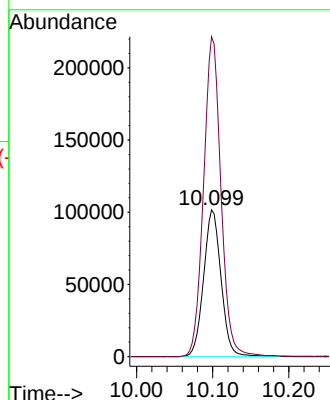
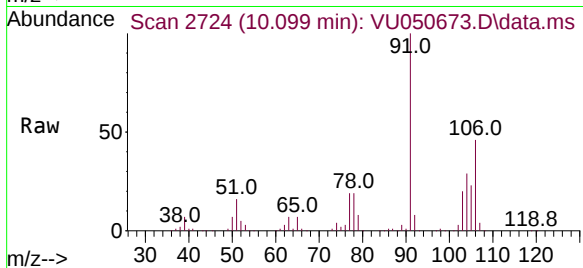




#54
o-Xylene
Concen: 46.489 ug/L
RT: 10.099 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU050673.D
Acq: 07 Sep 2022 20:14

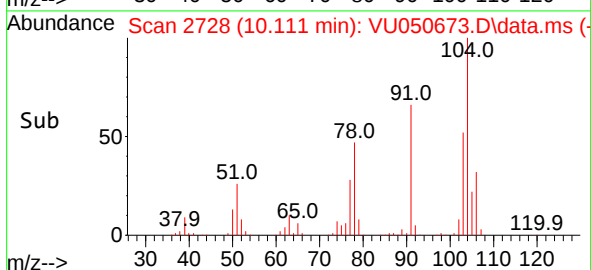
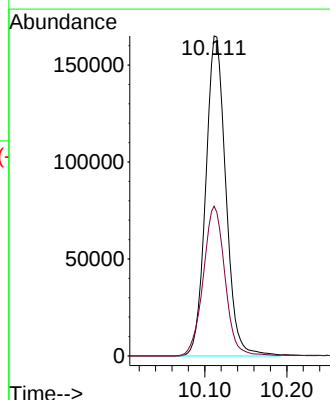
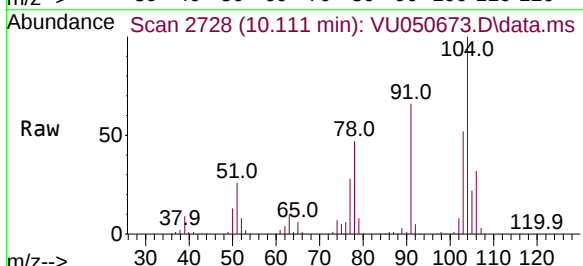
Instrument :
MSVOA_U
ClientSampleId :
EW345MS

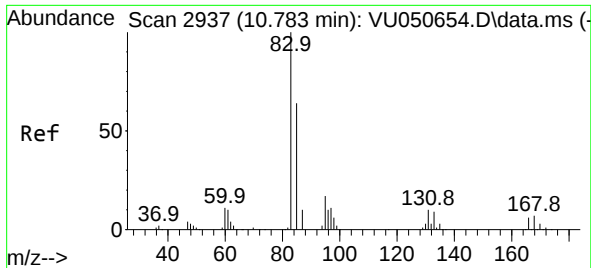
Tgt Ion:106 Resp: 162197
Ion Ratio Lower Upper
106 100
91 217.9 153.4 284.8



#55
Styrene
Concen: 48.861 ug/L
RT: 10.111 min Scan# 2728
Delta R.T. -0.003 min
Lab File: VU050673.D
Acq: 07 Sep 2022 20:14

Tgt Ion:104 Resp: 280490
Ion Ratio Lower Upper
104 100
78 46.8 32.8 60.8





#57

1,1,2,2-Tetrachloroethane

Concen: 52.829 ug/L

RT: 10.780 min Scan# 2936

Delta R.T. -0.003 min

Lab File: VU050673.D

Acq: 07 Sep 2022 20:14

Instrument :

MSVOA_U

ClientSampleId :

EW345MS

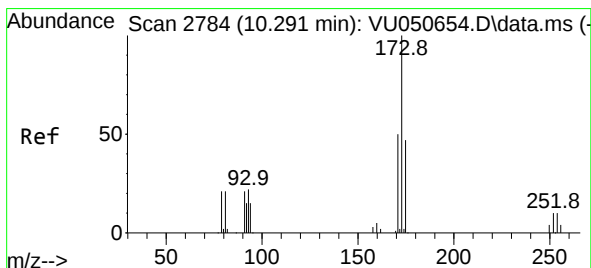
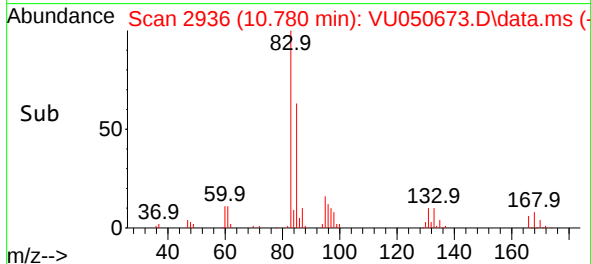
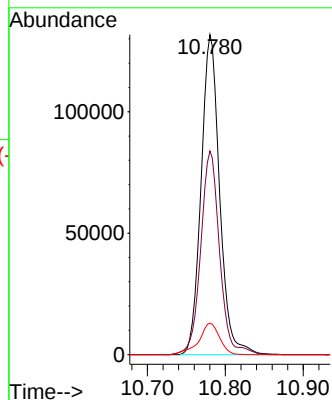
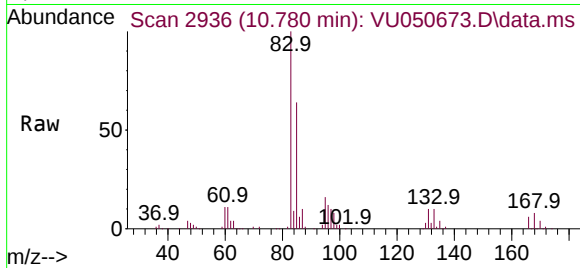
Tgt Ion: 83 Resp: 217653

Ion Ratio Lower Upper

83 100

85 63.6 45.5 84.5

131 9.8 7.7 11.5



#59

Bromoform

Concen: 50.013 ug/L

RT: 10.288 min Scan# 2783

Delta R.T. -0.003 min

Lab File: VU050673.D

Acq: 07 Sep 2022 20:14

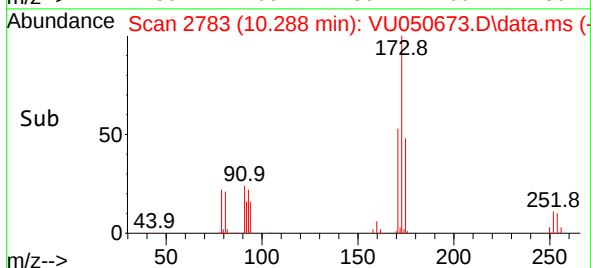
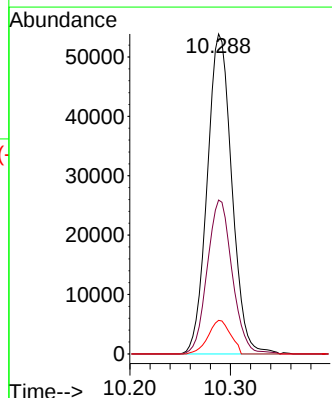
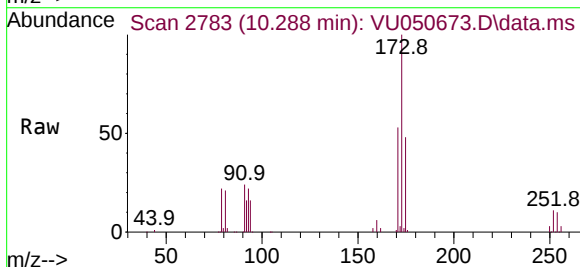
Tgt Ion:173 Resp: 91543

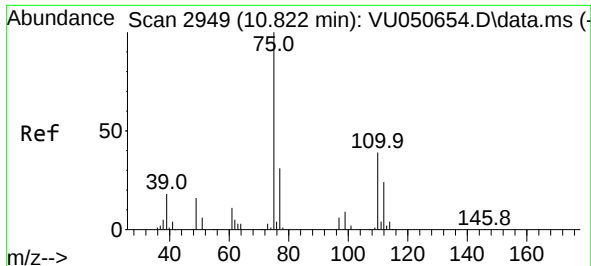
Ion Ratio Lower Upper

173 100

175 48.7 40.0 60.0

254 9.5 7.4 11.0

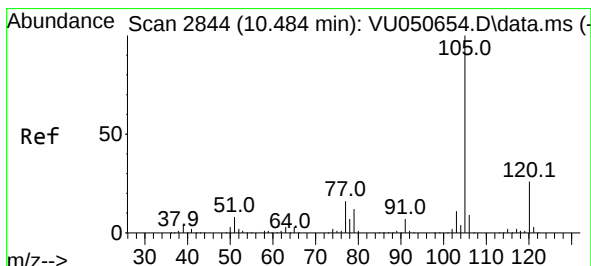
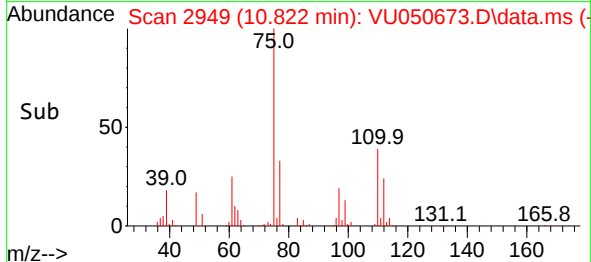
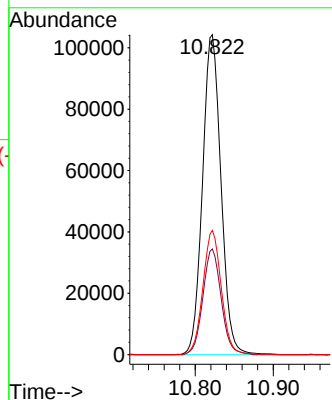
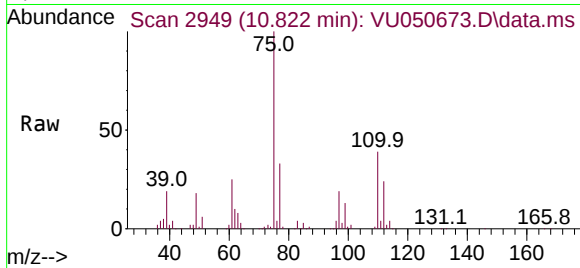




#60
1,2,3-Trichloropropane
Concen: 47.661 ug/L
RT: 10.822 min Scan# 2949
Delta R.T. 0.000 min
Lab File: VU050673.D
Acq: 07 Sep 2022 20:14

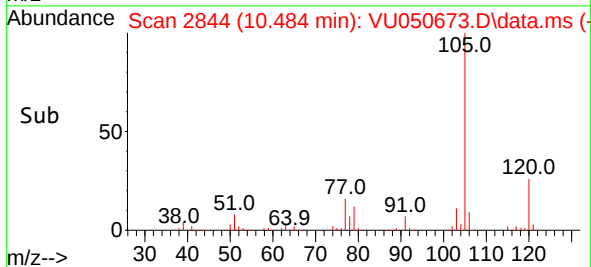
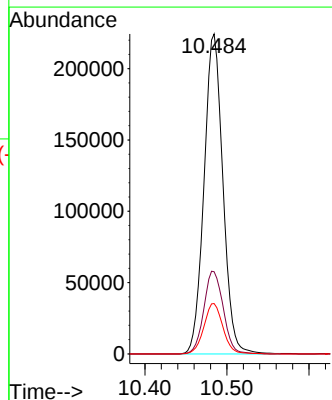
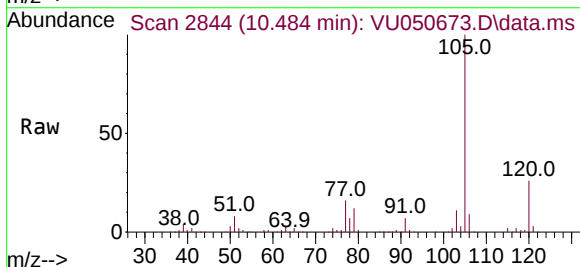
Instrument :
MSVOA_U
ClientSampleId :
EW345MS

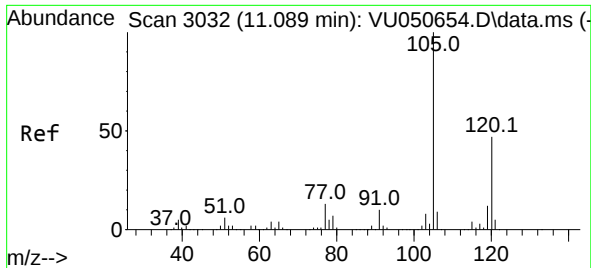
Tgt Ion:	75	Resp:	171560
Ion	Ratio	Lower	Upper
75	100		
77	32.6	25.8	38.8
110	38.6	29.3	43.9



#61
Isopropylbenzene
Concen: 36.916 ug/L
RT: 10.484 min Scan# 2844
Delta R.T. 0.000 min
Lab File: VU050673.D
Acq: 07 Sep 2022 20:14

Tgt Ion:	105	Resp:	358485
Ion	Ratio	Lower	Upper
105	100		
120	26.6	20.4	30.6
77	15.9	12.8	19.2

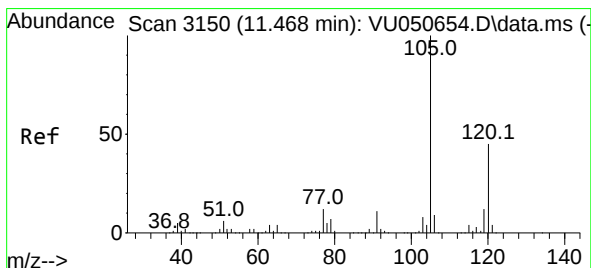
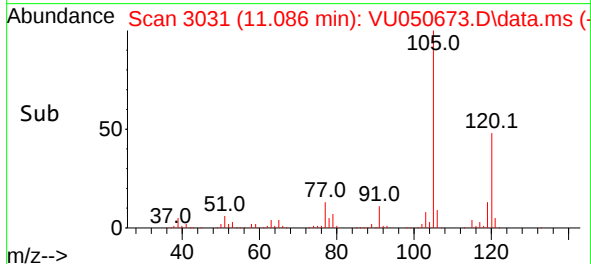
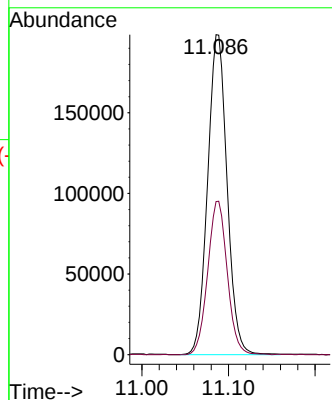
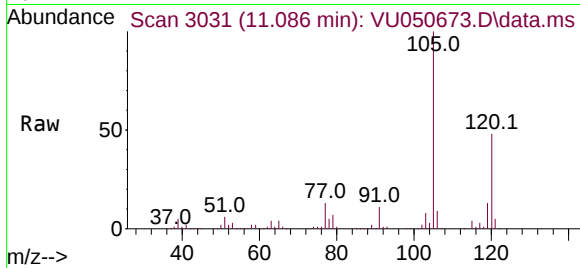




#62
1,3,5-Trimethylbenzene
Concen: 37.249 ug/L
RT: 11.086 min Scan# 3032
Delta R.T. -0.003 min
Lab File: VU050673.D
Acq: 07 Sep 2022 20:14

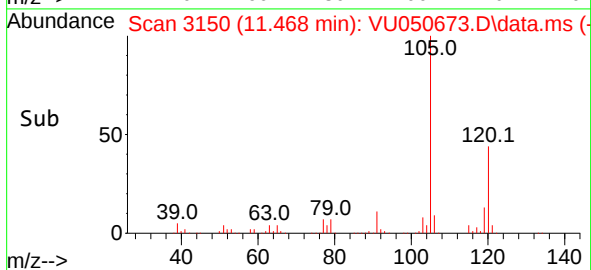
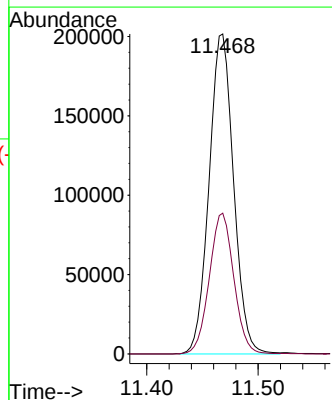
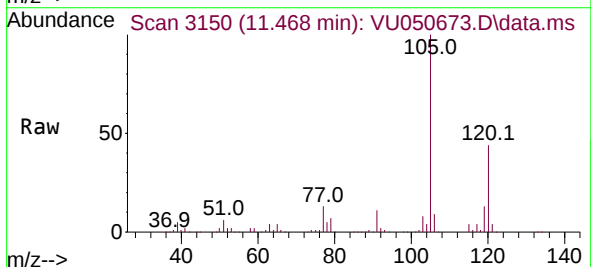
Instrument :
MSVOA_U
ClientSampleId :
EW345MS

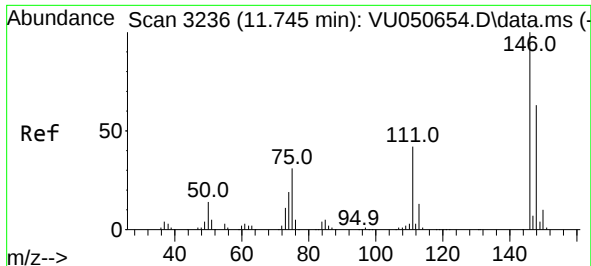
Tgt Ion:105 Resp: 309239
Ion Ratio Lower Upper
105 100
120 48.2 37.7 56.5



#63
1,2,4-Trimethylbenzene
Concen: 38.649 ug/L
RT: 11.468 min Scan# 3150
Delta R.T. 0.000 min
Lab File: VU050673.D
Acq: 07 Sep 2022 20:14

Tgt Ion:105 Resp: 308111
Ion Ratio Lower Upper
105 100
120 44.0 35.3 52.9

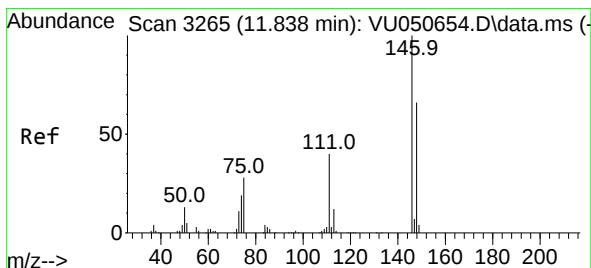
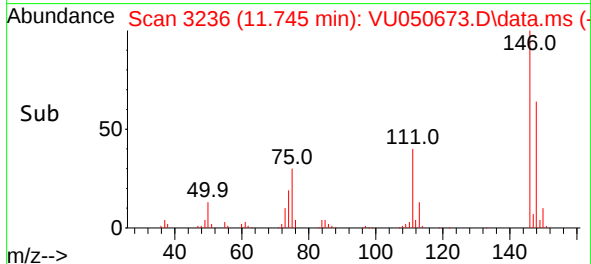
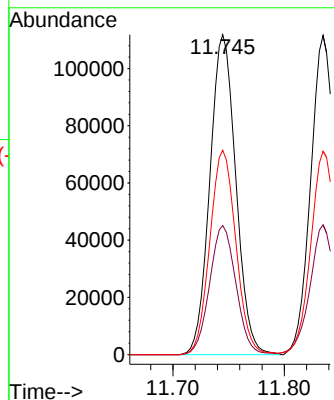
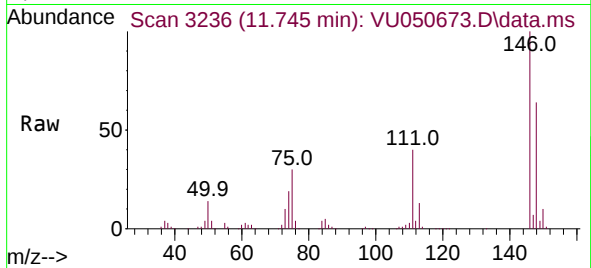




#64
1,3-Dichlorobenzene
Concen: 42.373 ug/L
RT: 11.745 min Scan# 3236
Delta R.T. -0.003 min
Lab File: VU050673.D
Acq: 07 Sep 2022 20:14

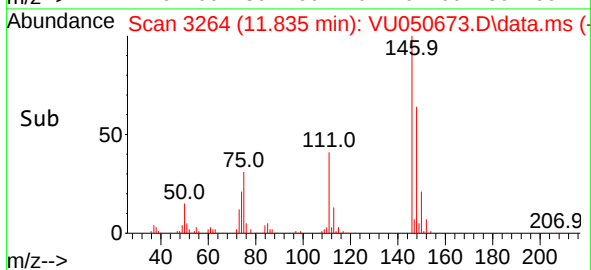
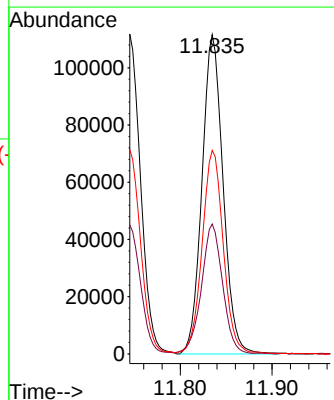
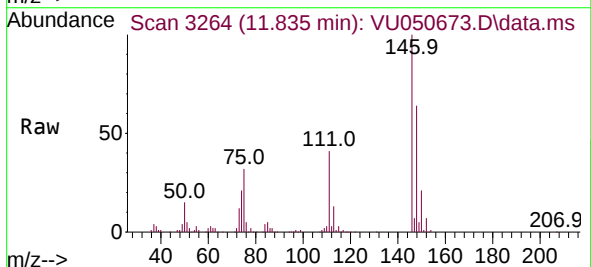
Instrument :
MSVOA_U
ClientSampleId :
EW345MS

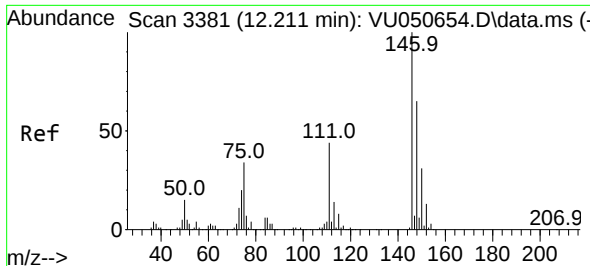
Tgt Ion:146 Resp: 181050
Ion Ratio Lower Upper
146 100
111 40.3 29.9 55.5
148 63.9 45.5 84.5



#65
1,4-Dichlorobenzene
Concen: 42.165 ug/L
RT: 11.835 min Scan# 3264
Delta R.T. -0.003 min
Lab File: VU050673.D
Acq: 07 Sep 2022 20:14

Tgt Ion:146 Resp: 178084
Ion Ratio Lower Upper
146 100
111 40.7 27.9 51.7
148 63.7 44.4 82.4

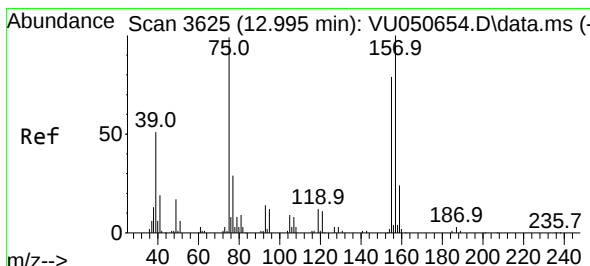
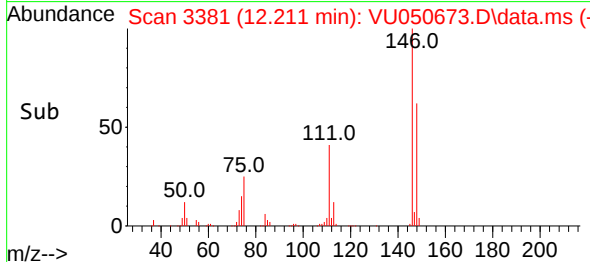
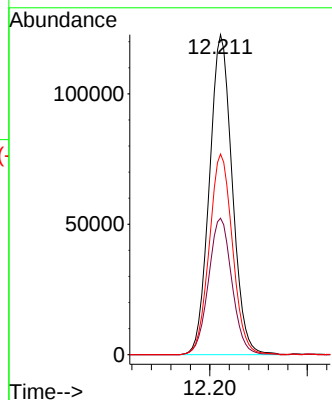
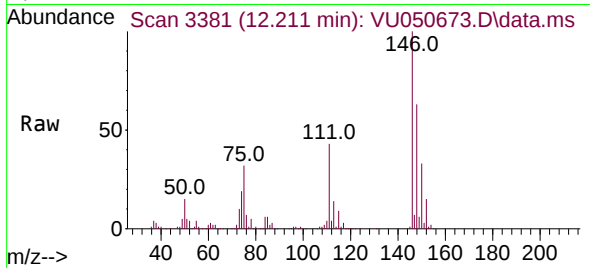




#67
1,2-Dichlorobenzene
Concen: 43.889 ug/L
RT: 12.211 min Scan# 3381
Delta R.T. 0.000 min
Lab File: VU050673.D
Acq: 07 Sep 2022 20:14

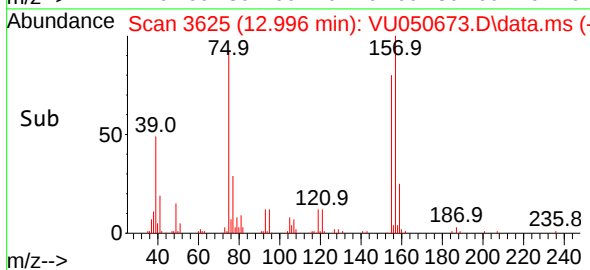
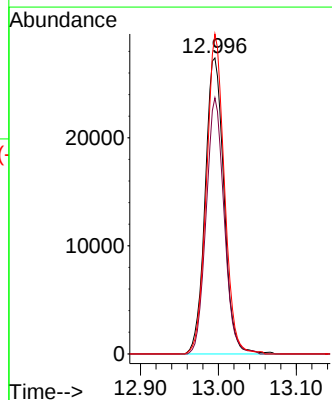
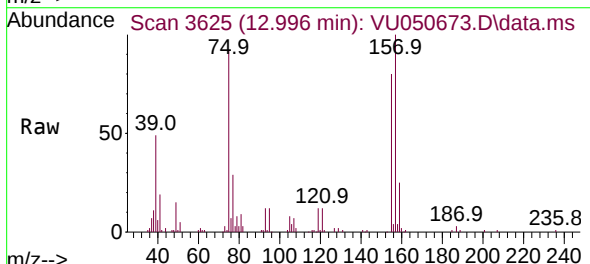
Instrument :
MSVOA_U
ClientSampleId :
EW345MS

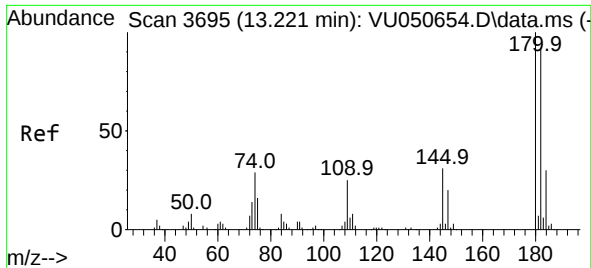
Tgt Ion:146 Resp: 199724
Ion Ratio Lower Upper
146 100
111 42.6 35.1 52.7
148 62.7 51.8 77.6



#68
1,2-Dibromo-3-chloropropane
Concen: 48.271 ug/L
RT: 12.996 min Scan# 3625
Delta R.T. 0.000 min
Lab File: VU050673.D
Acq: 07 Sep 2022 20:14

Tgt Ion: 75 Resp: 45885
Ion Ratio Lower Upper
75 100
155 86.5 67.8 101.6
157 108.1 82.6 124.0

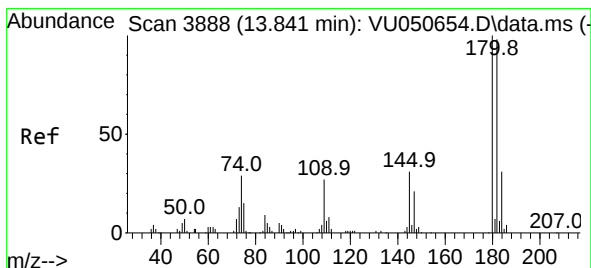
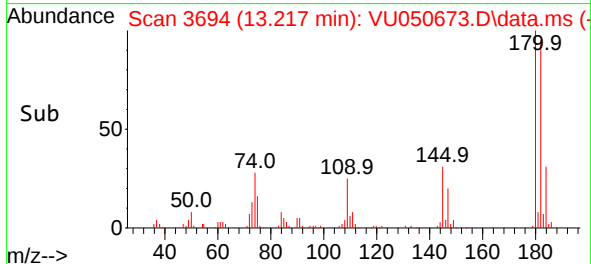
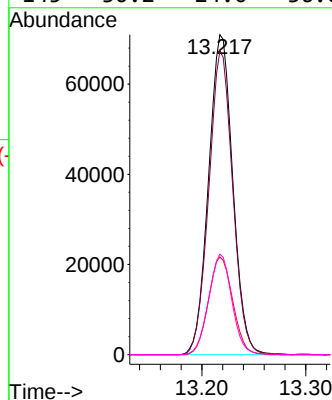
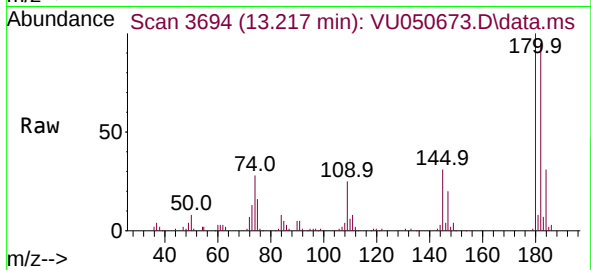




#69
1,3,5-Trichlorobenzene
Concen: 37.016 ug/L
RT: 13.217 min Scan# 3694
Delta R.T. -0.003 min
Lab File: VU050673.D
Acq: 07 Sep 2022 20:14

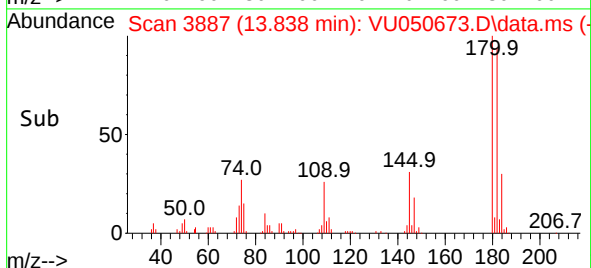
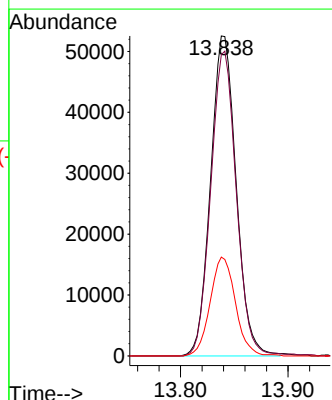
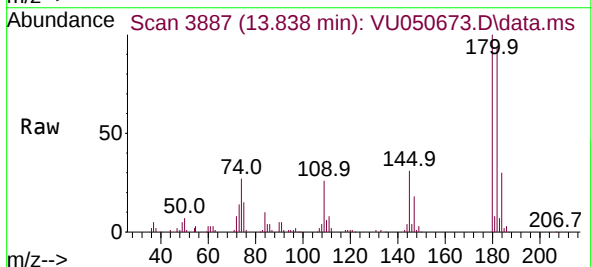
Instrument :
MSVOA_U
ClientSampleId :
EW345MS

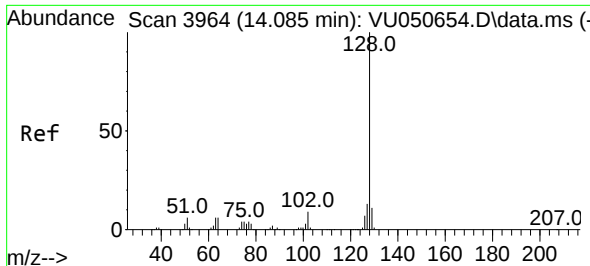
Tgt Ion:180 Resp: 114779
Ion Ratio Lower Upper
180 100
182 93.7 75.3 112.9
184 30.5 23.8 35.8
145 30.2 24.0 36.0



#70
1,2,4-trichlorobenzene
Concen: 33.067 ug/L
RT: 13.838 min Scan# 3887
Delta R.T. -0.003 min
Lab File: VU050673.D
Acq: 07 Sep 2022 20:14

Tgt Ion:180 Resp: 87067
Ion Ratio Lower Upper
180 100
182 94.8 76.2 114.2
145 30.3 24.7 37.1

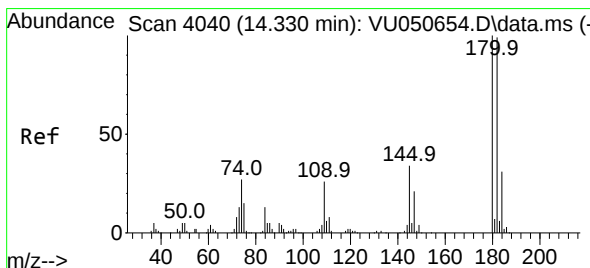
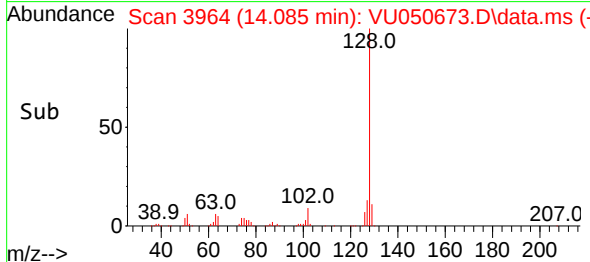
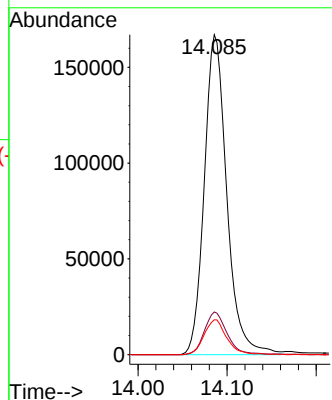
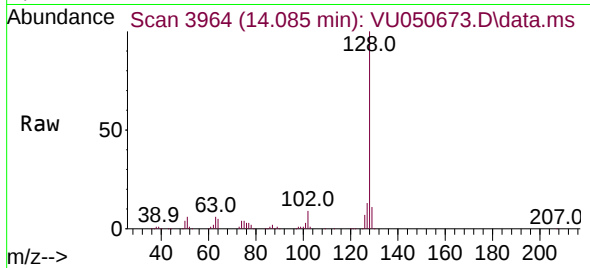




#71
Naphthalene
Concen: 31.413 ug/L
RT: 14.085 min Scan# 3964
Delta R.T. -0.003 min
Lab File: VU050673.D
Acq: 07 Sep 2022 20:14

Instrument :
MSVOA_U
ClientSampleId :
EW345MS

Tgt Ion:	128	Resp:	293250
Ion Ratio	Lower	Upper	
128	100		
127	13.3	10.1	15.1
129	10.8	8.4	12.6



#72
1,2,3-Trichlorobenzene
Concen: 34.211 ug/L
RT: 14.330 min Scan# 4040
Delta R.T. 0.000 min
Lab File: VU050673.D
Acq: 07 Sep 2022 20:14

Tgt Ion:	180	Resp:	97545
Ion Ratio	Lower	Upper	
180	100		
182	95.6	76.1	114.1
145	33.6	26.4	39.6

