

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\U090722\
 Data File : U090722.D
 Acq On : 07 Sep 2022 20:38
 Operator : SY/MD
 Sample : N4482-06MSD
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EW345MSD

Quant Time: Sep 08 05:45:15 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	253795	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	259945	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	125436	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	67742	31.207	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	62.420%
7) Chloroethane-d5	1.896	69	53911	36.726	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	73.460%
11) 1,1-Dichloroethene-d2	2.562	63	130915	34.128	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	68.260%
21) 2-Butanone-d5	4.620	46	150761	94.927	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	94.930%
24) Chloroform-d	5.060	84	186960	45.443	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.880%
26) 1,2-Dichloroethane-d4	5.700	65	122013	48.532	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.060%
32) Benzene-d6	5.726	84	352397	41.022	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.040%
36) 1,2-Dichloropropane-d6	6.690	67	119227	42.273	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	84.540%
41) Toluene-d8	7.896	98	314726	42.843	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	85.680%
43) trans-1,3-Dichloroprop...	8.179	79	53531	45.872	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.740%
47) 2-Hexanone-d5	8.632	63	65208	91.916	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	91.920%
56) 1,1,2,2-Tetrachloroeth...	10.754	84	210373	49.290	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.580%
66) 1,2-Dichlorobenzene-d4	12.192	152	126950	43.234	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.460%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.382	85	72694	29.820	ug/L	98
3) Chloromethane	1.520	50	105290	39.974	ug/L	99
5) Vinyl chloride	1.604	62	81997	33.042	ug/L	99
6) Bromomethane	1.832	94	54138	43.257	ug/L	96
8) Chloroethane	1.919	64	50334	38.187	ug/L	99
9) Trichlorofluoromethane	2.131	101	104431	34.540	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	58630	29.561	ug/L	95
12) 1,1-Dichloroethene	2.575	96	70329	36.494	ug/L	99
13) Acetone	2.623	43	120824	100.852	ug/L	99
14) Carbon disulfide	2.787	76	206082	36.062	ug/L	99
15) Methyl Acetate	2.944	43	121870	48.100	ug/L	98
16) Methylene chloride	3.041	84	112980	44.671	ug/L	95
17) trans-1,2-Dichloroethene	3.350	96	84777	41.485	ug/L	100
18) Methyl tert-butyl Ether	3.359	73	319149	50.369	ug/L	98
19) 1,1-Dichloroethane	3.864	63	171086	43.393	ug/L	98
20) cis-1,2-Dichloroethene	4.665	96	106026	45.983	ug/L	93
22) 2-Butanone	4.697	43	194161	103.619	ug/L	96
23) Bromochloromethane	4.970	128	61033	51.225	ug/L	95
25) Chloroform	5.086	83	194484	48.417	ug/L	97

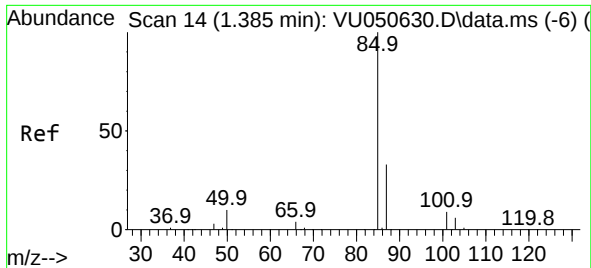
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090722\
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 Quant Title : VOC Analysis
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.793	62	154737	51.974	ug/L	98
29) Cyclohexane	5.385	56	93846	26.957	ug/L	92
30) 1,1,1-Trichloroethane	5.314	97	145252	41.487	ug/L	98
31) Carbon tetrachloride	5.523	117	116031	40.450	ug/L	99
33) Benzene	5.771	78	411827	43.533	ug/L	100
34) Trichloroethene	6.542	95	91567	41.540	ug/L	97
35) Methylcyclohexane	6.761	83	93419	26.658	ug/L	97
37) 1,2-Dichloropropane	6.790	63	110293	44.138	ug/L	98
38) Bromodichloromethane	7.105	83	148572	50.544	ug/L	99
39) cis-1,3-Dichloropropene	7.607	75	156628	46.307	ug/L	98
40) 4-Methyl-2-pentanone	7.790	43	334338	98.184	ug/L	97
42) Toluene	7.967	91	419549	43.660	ug/L	100
44) trans-1,3-Dichloropropene	8.208	75	154995	48.841	ug/L	99
45) 1,1,2-Trichloroethane	8.398	97	119770	49.895	ug/L	98
46) Tetrachloroethene	8.552	164	62053	38.542	ug/L	99
48) 2-Hexanone	8.684	43	334408	105.228	ug/L	98
49) Dibromochloromethane	8.809	129	121896	53.240	ug/L	100
50) 1,2-Dibromoethane	8.922	107	127320	52.154	ug/L #	96
51) Chlorobenzene	9.446	112	273956	45.935	ug/L	97
52) Ethylbenzene	9.568	91	403048	42.457	ug/L	100
53) m,p-Xylene	9.693	106	155565	42.773	ug/L	95
54) o-Xylene	10.099	106	168551	46.549	ug/L	99
55) Styrene	10.115	104	290648	48.785	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.780	83	223617	52.299	ug/L	99
59) Bromoform	10.288	173	95801	51.189	ug/L	97
60) 1,2,3-Trichloropropane	10.822	75	175045	47.561	ug/L	98
61) Isopropylbenzene	10.484	105	367410	37.004	ug/L	99
62) 1,3,5-Trimethylbenzene	11.086	105	324321	38.208	ug/L	100
63) 1,2,4-Trimethylbenzene	11.468	105	325238	39.901	ug/L	100
64) 1,3-Dichlorobenzene	11.745	146	189189	43.305	ug/L	97
65) 1,4-Dichlorobenzene	11.835	146	187847	43.500	ug/L	99
67) 1,2-Dichlorobenzene	12.211	146	210351	45.209	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.996	75	47795	49.176	ug/L	97
69) 1,3,5-Trichlorobenzene	13.217	180	119030	37.543	ug/L	98
70) 1,2,4-trichlorobenzene	13.841	180	95889	35.618	ug/L	99
71) Naphthalene	14.086	128	372338	39.009	ug/L	99
72) 1,2,3-Trichlorobenzene	14.330	180	112738	38.671	ug/L	100

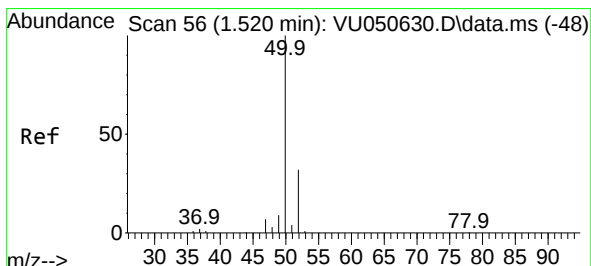
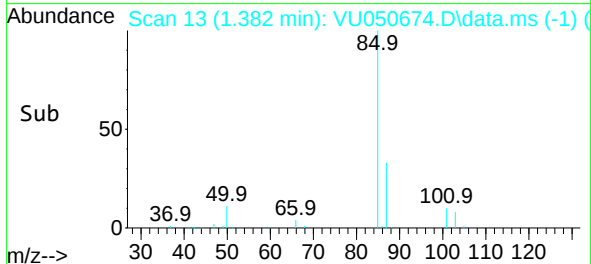
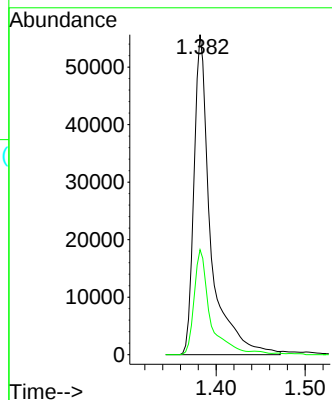
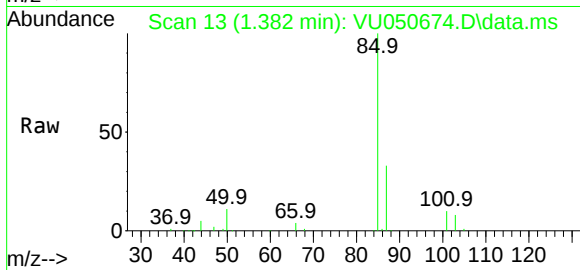
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
 Dichlorodifluoromethane
 Concen: 29.820 ug/L
 RT: 1.382 min Scan# 11
 Delta R.T. -0.003 min
 Lab File: VU050674.D
 Acq: 07 Sep 2022 20:38

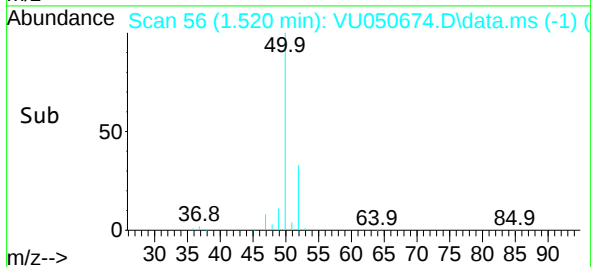
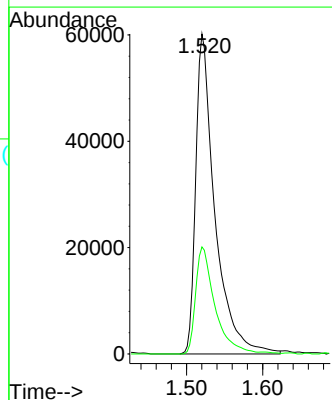
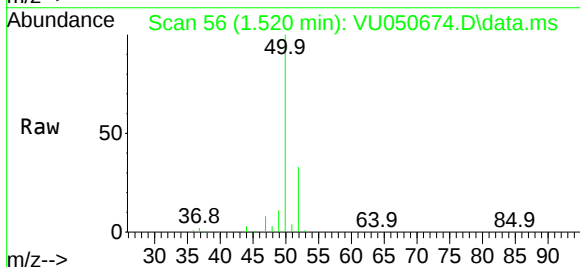
Instrument :
 MSVOA_U
 ClientSampleId :
 EW345MSD

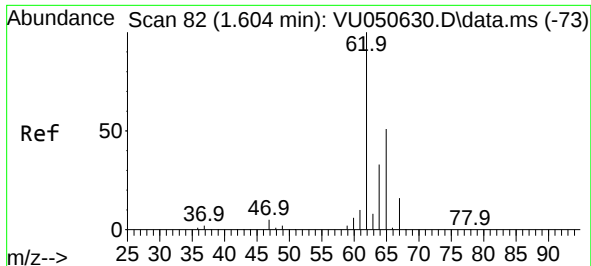
Tgt Ion: 85 Resp: 72694
 Ion Ratio Lower Upper
 85 100
 87 31.2 25.8 38.8



#3
 Chloromethane
 Concen: 39.974 ug/L
 RT: 1.520 min Scan# 56
 Delta R.T. 0.000 min
 Lab File: VU050674.D
 Acq: 07 Sep 2022 20:38

Tgt Ion: 50 Resp: 105290
 Ion Ratio Lower Upper
 50 100
 52 33.4 23.7 43.9

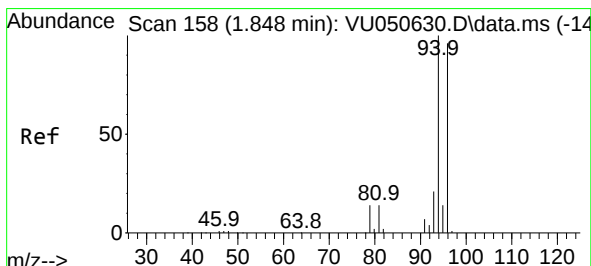
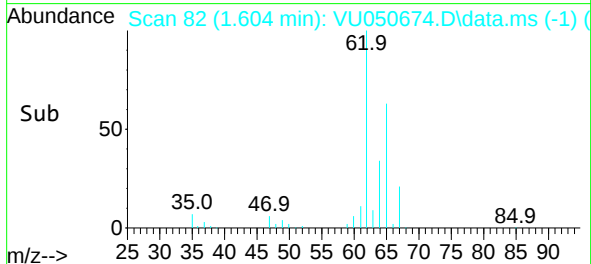
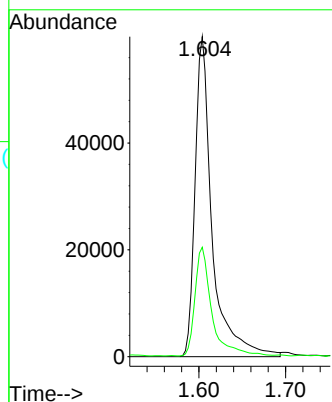
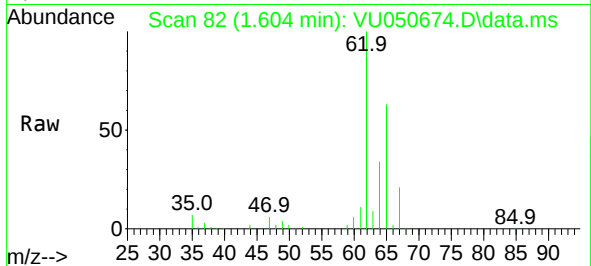




#5
 Vinyl chloride
 Concen: 33.042 ug/L
 RT: 1.604 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: VU050674.D
 Acq: 07 Sep 2022 20:38

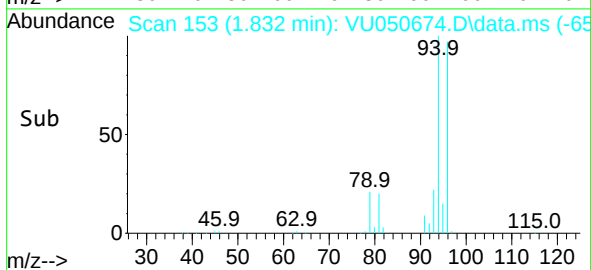
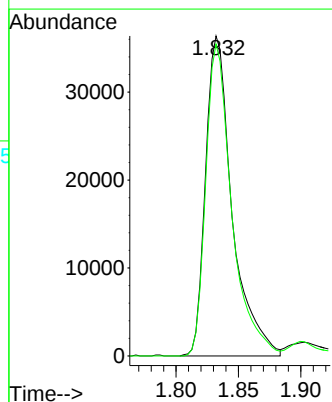
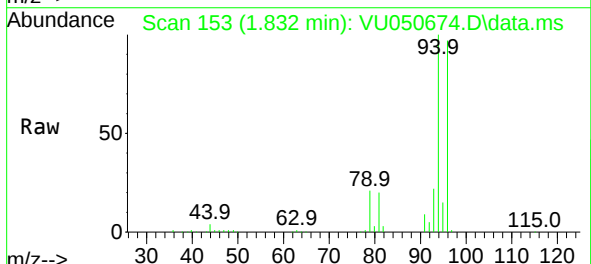
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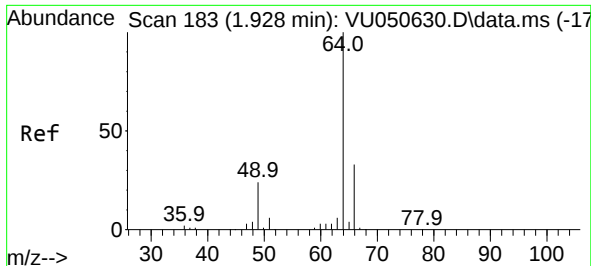
Tgt Ion: 62 Resp: 81997
 Ion Ratio Lower Upper
 62 100
 64 34.2 23.5 43.7



#6
 Bromomethane
 Concen: 43.257 ug/L
 RT: 1.832 min Scan# 153
 Delta R.T. -0.016 min
 Lab File: VU050674.D
 Acq: 07 Sep 2022 20:38

Tgt Ion: 94 Resp: 54138
 Ion Ratio Lower Upper
 94 100
 96 97.5 65.6 121.8

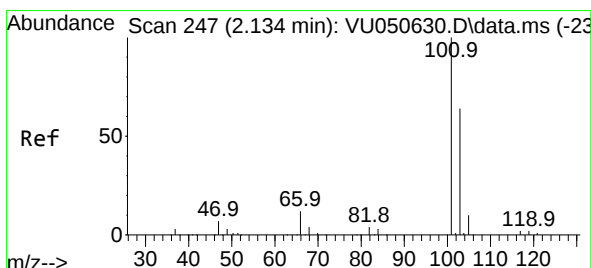
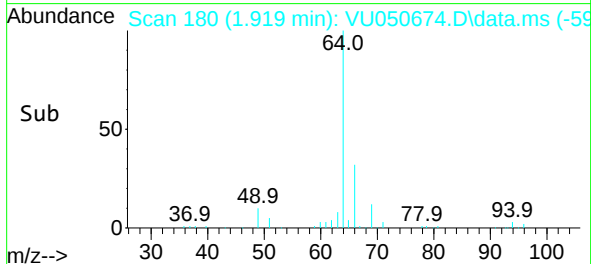
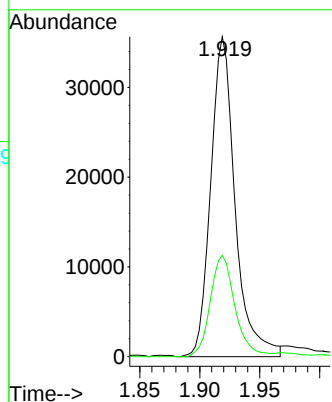
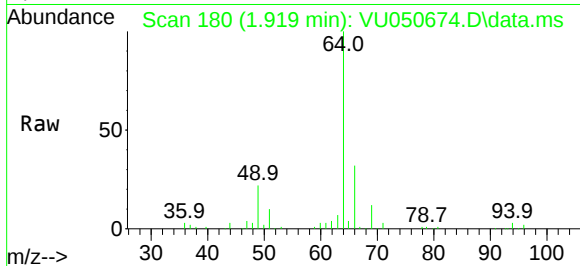




#8
Chloroethane
Concen: 38.187 ug/L
RT: 1.919 min Scan# 11
Delta R.T. -0.010 min
Lab File: VU050674.D
Acq: 07 Sep 2022 20:38

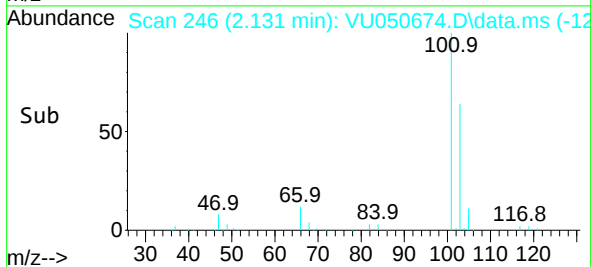
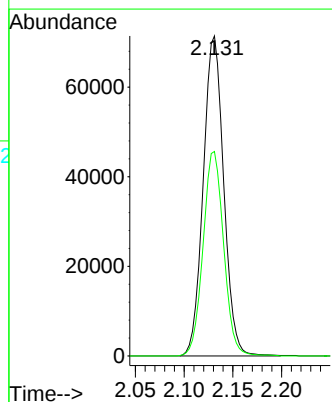
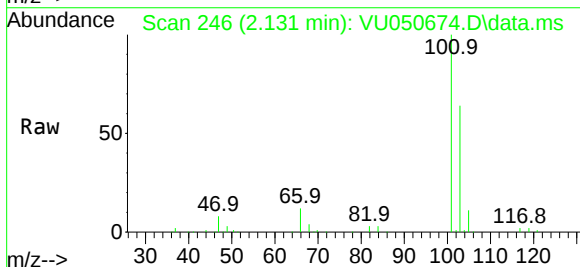
Instrument :
MSVOA_U
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EW345MSD

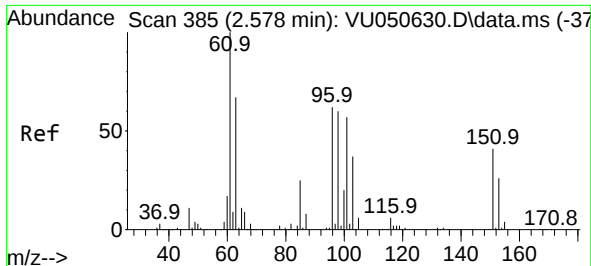
Tgt Ion: 64 Resp: 50334
Ion Ratio Lower Upper
64 100
66 31.6 21.9 40.7



#9
Trichlorofluoromethane
Concen: 34.540 ug/L
RT: 2.131 min Scan# 246
Delta R.T. -0.003 min
Lab File: VU050674.D
Acq: 07 Sep 2022 20:38

Tgt Ion: 101 Resp: 104431
Ion Ratio Lower Upper
101 100
103 64.1 51.4 77.0

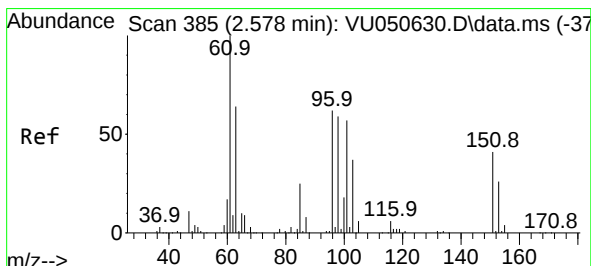
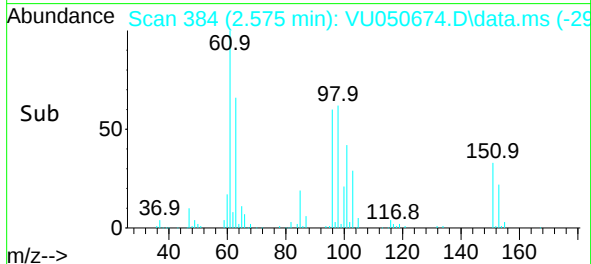
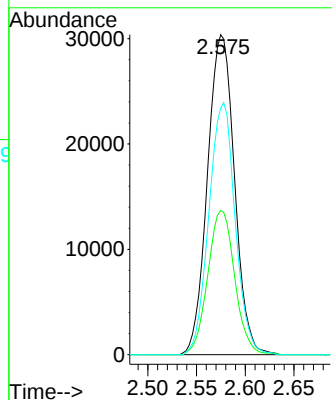
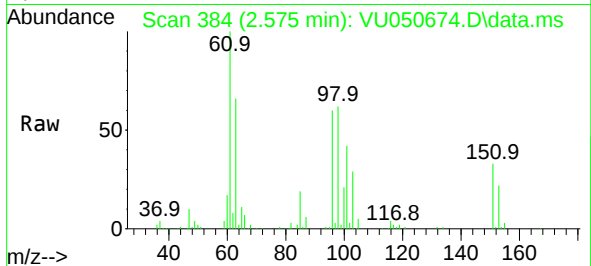




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 29.561 ug/L
 RT: 2.575 min Scan# 384
 Delta R.T. -0.003 min
 Lab File: VU050674.D
 Acq: 07 Sep 2022 20:38

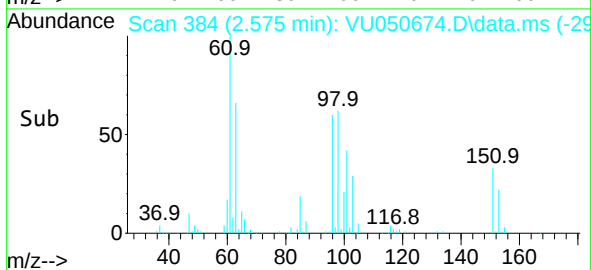
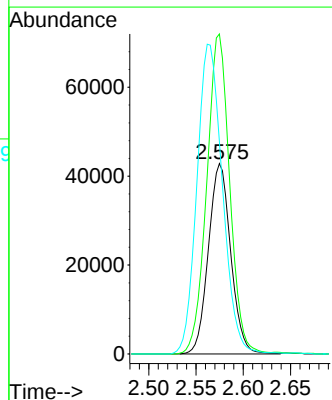
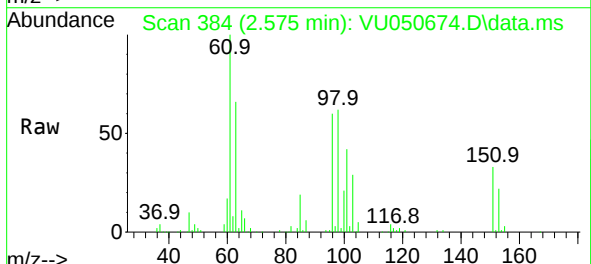
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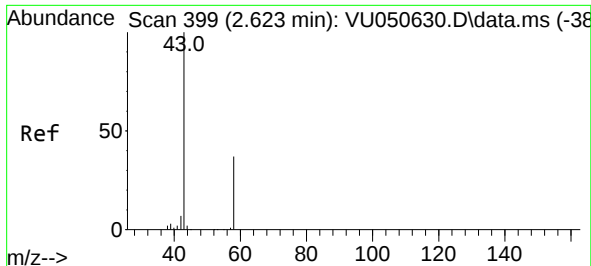
Tgt Ion:101 Resp: 58630
 Ion Ratio Lower Upper
 101 100
 85 44.9 34.4 51.6
 151 76.8 57.7 86.5



#12
 1,1-Dichloroethene
 Concen: 36.494 ug/L
 RT: 2.575 min Scan# 384
 Delta R.T. -0.003 min
 Lab File: VU050674.D
 Acq: 07 Sep 2022 20:38

Tgt Ion: 96 Resp: 70329
 Ion Ratio Lower Upper
 96 100
 61 168.0 118.0 219.1
 63 111.5 79.5 147.7





#13

Acetone

Concen: 100.852 ug/L

RT: 2.623 min Scan# 399

Delta R.T. 0.000 min

Lab File: VU050674.D

Acq: 07 Sep 2022 20:38

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MSVOA_U

ClientSampleId :

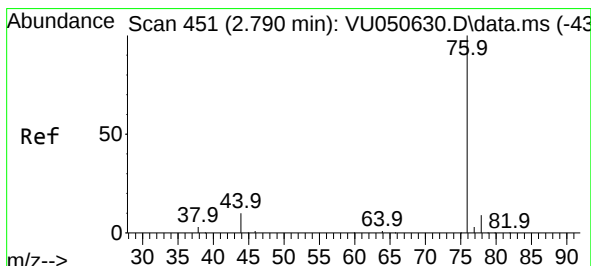
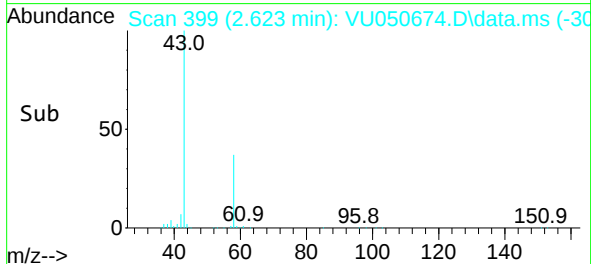
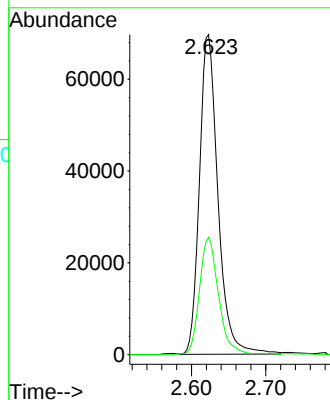
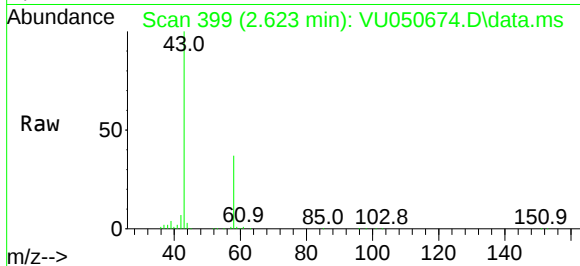
EW345MSD

Tgt Ion: 43 Resp: 120824

Ion Ratio Lower Upper

43 100

58 37.6 0.0 76.2



#14

Carbon disulfide

Concen: 36.062 ug/L

RT: 2.787 min Scan# 450

Delta R.T. -0.003 min

Lab File: VU050674.D

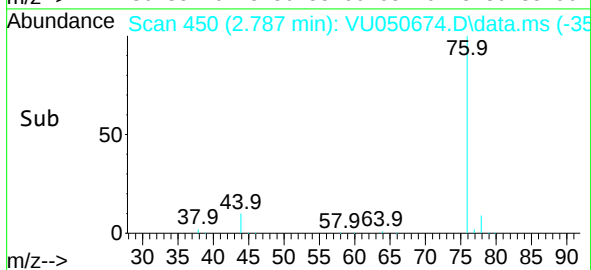
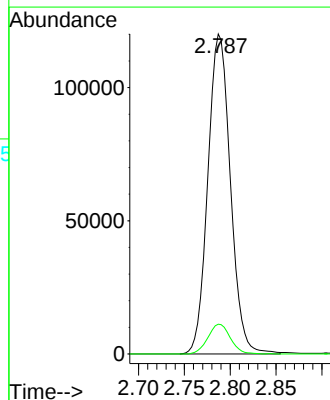
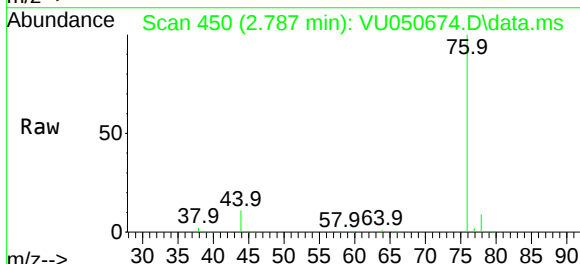
Acq: 07 Sep 2022 20:38

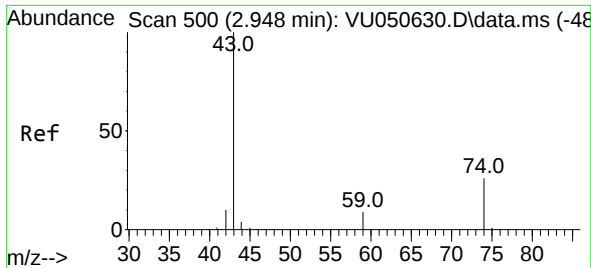
Tgt Ion: 76 Resp: 206082

Ion Ratio Lower Upper

76 100

78 9.3 7.3 10.9

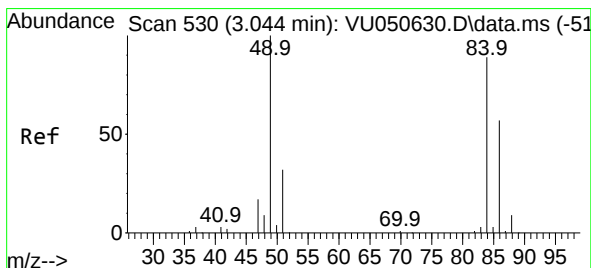
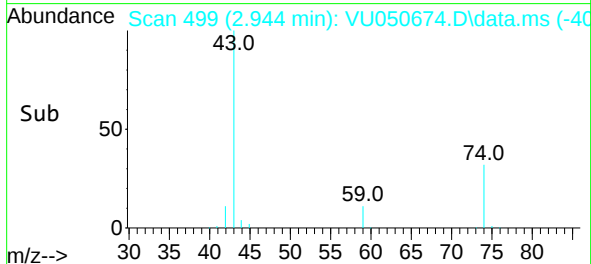
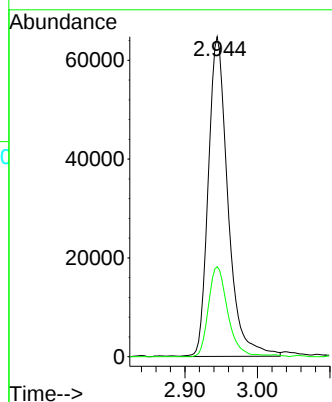
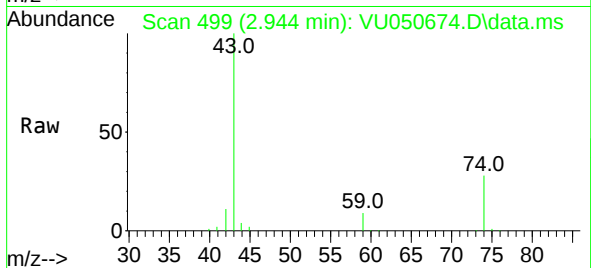




#15
Methyl Acetate
Concen: 48.100 ug/L
RT: 2.944 min Scan# 499
Delta R.T. -0.003 min
Lab File: VU050674.D
Acq: 07 Sep 2022 20:38

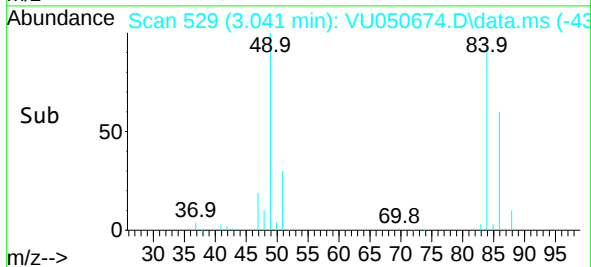
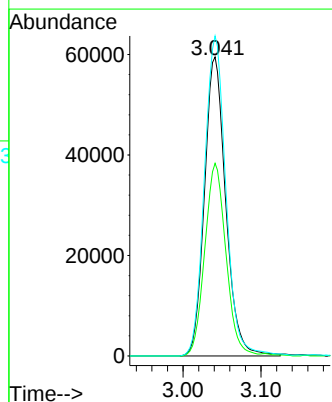
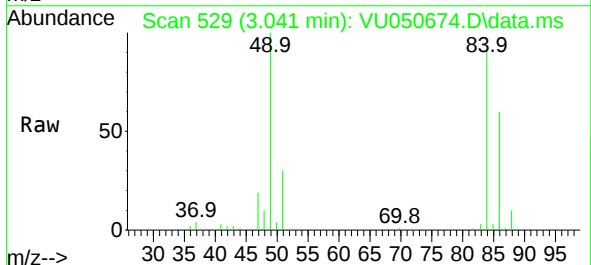
Instrument :
MSVOA_U
ClientSampleId :
EW345MSD

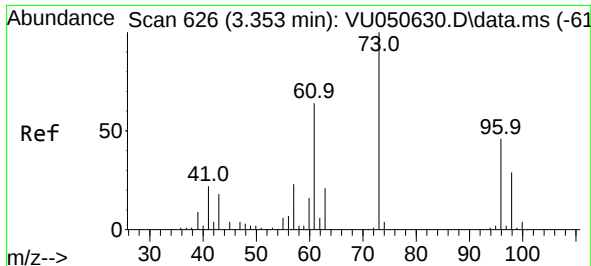
Tgt Ion: 43 Resp: 121870
Ion Ratio Lower Upper
43 100
74 27.3 21.2 31.8



#16
Methylene chloride
Concen: 44.671 ug/L
RT: 3.041 min Scan# 529
Delta R.T. -0.003 min
Lab File: VU050674.D
Acq: 07 Sep 2022 20:38

Tgt Ion: 84 Resp: 112980
Ion Ratio Lower Upper
84 100
86 64.4 44.8 83.2
49 107.0 80.6 149.8





#17

trans-1,2-Dichloroethene

Concen: 41.485 ug/L

RT: 3.350 min Scan# 61

Delta R.T. -0.003 min

Lab File: VU050674.D

Acq: 07 Sep 2022 20:38

Instrument :

MSVOA_U

ClientSampleId :

EW345MSD

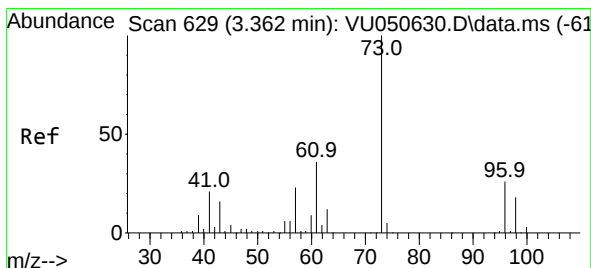
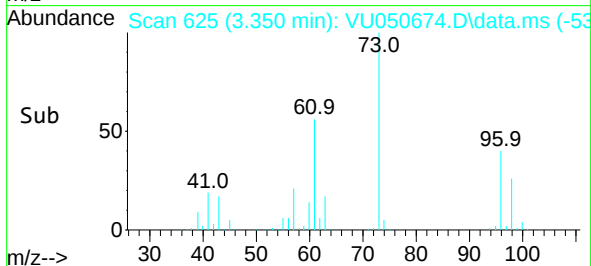
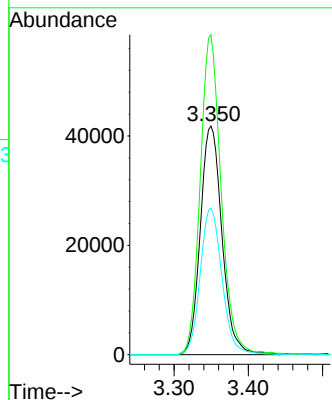
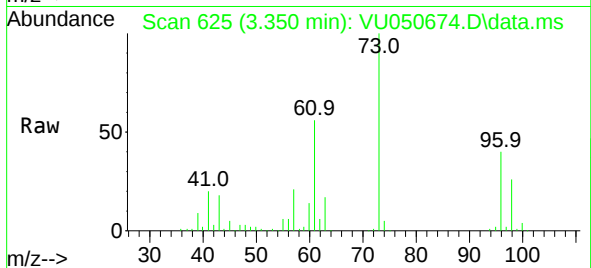
Tgt Ion: 96 Resp: 84777

Ion Ratio Lower Upper

96 100

61 140.0 97.9 181.7

98 64.1 44.8 83.2



#18

Methyl tert-butyl Ether

Concen: 50.369 ug/L

RT: 3.359 min Scan# 628

Delta R.T. -0.003 min

Lab File: VU050674.D

Acq: 07 Sep 2022 20:38

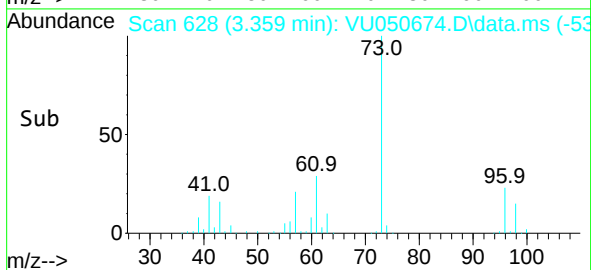
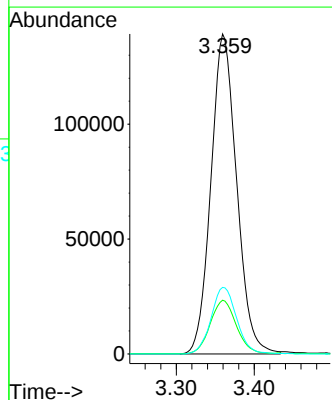
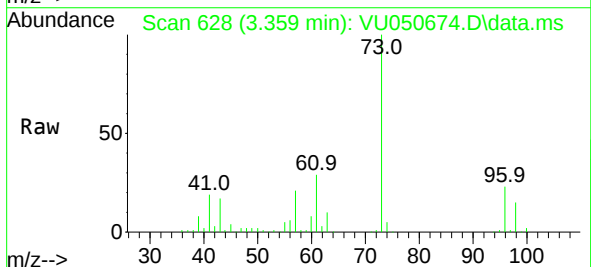
Tgt Ion: 73 Resp: 319149

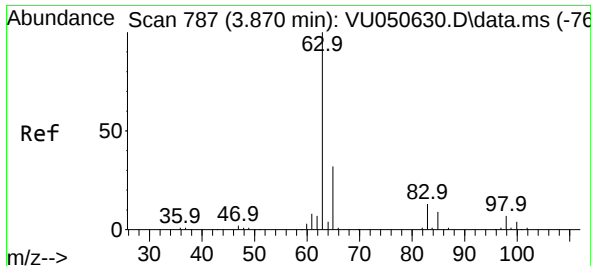
Ion Ratio Lower Upper

73 100

43 16.9 13.4 20.2

57 20.7 17.8 26.8





#19

1,1-Dichloroethane

Concen: 43.393 ug/L

RT: 3.864 min Scan# 7

Delta R.T. -0.006 min

Lab File: VU050674.D

Acq: 07 Sep 2022 20:38

Instrument :

MSVOA_U

ClientSampleId :

EW345MSD

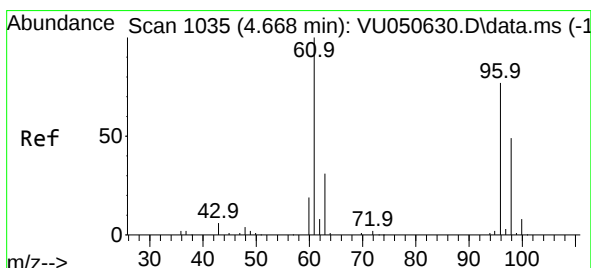
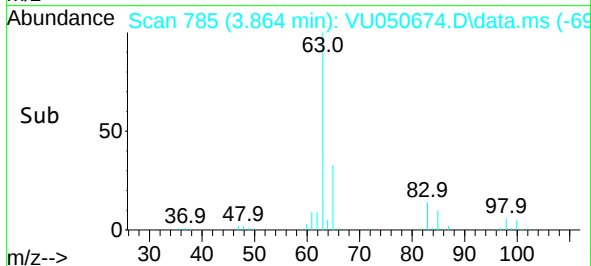
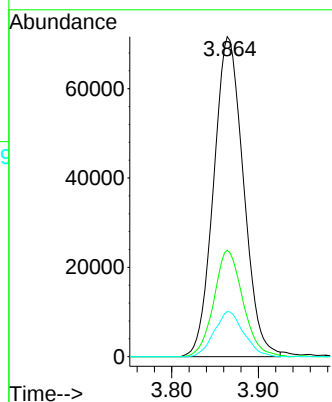
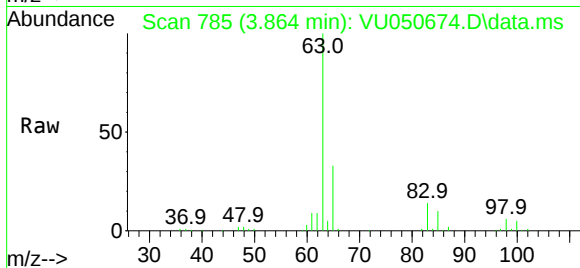
Tgt Ion: 63 Resp: 171086

Ion Ratio Lower Upper

63 100

65 33.3 22.4 41.6

83 14.1 9.5 17.7



#20

cis-1,2-Dichloroethene

Concen: 45.983 ug/L

RT: 4.665 min Scan# 1034

Delta R.T. -0.003 min

Lab File: VU050674.D

Acq: 07 Sep 2022 20:38

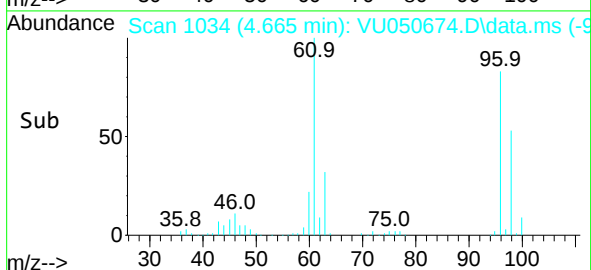
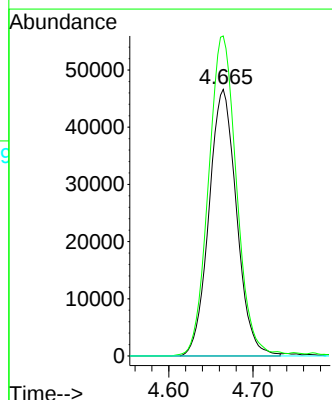
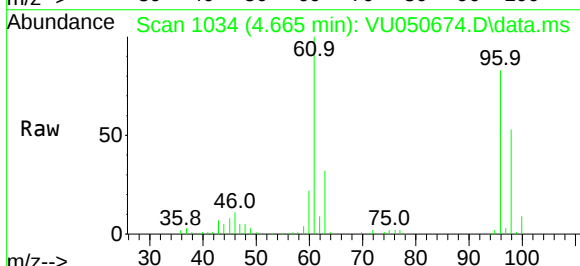
Tgt Ion: 96 Resp: 106026

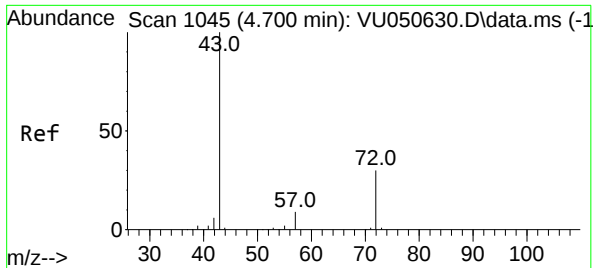
Ion Ratio Lower Upper

96 100

61 120.0 89.8 166.8

68 0.0 0.0 0.0

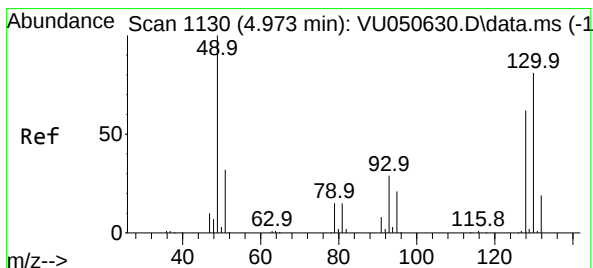
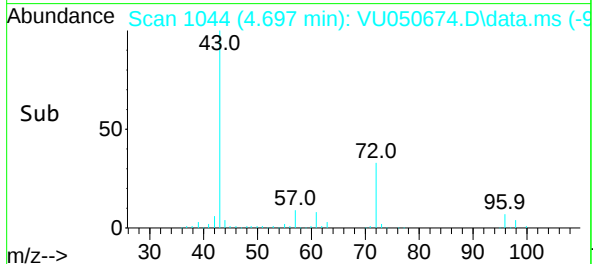
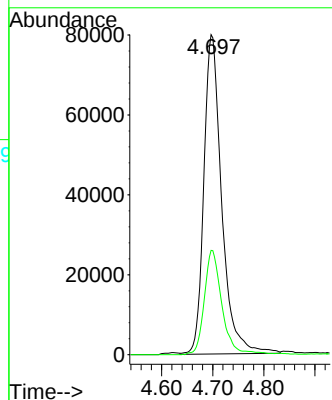
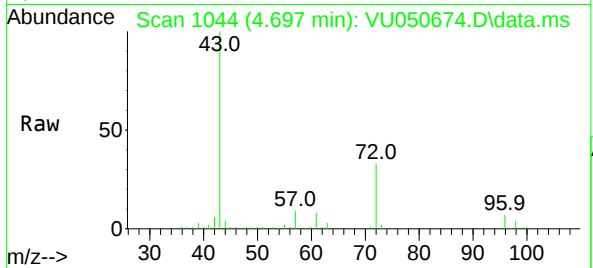




#22
2-Butanone
Concen: 103.619 ug/L
RT: 4.697 min Scan# 1104
Delta R.T. -0.003 min
Lab File: VU050674.D
Acq: 07 Sep 2022 20:38

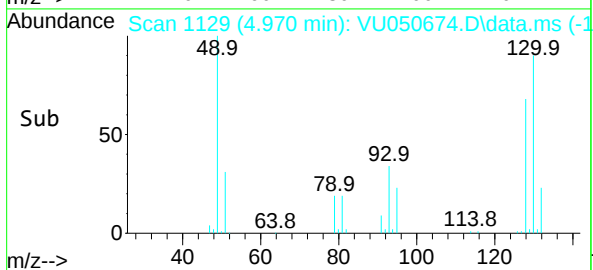
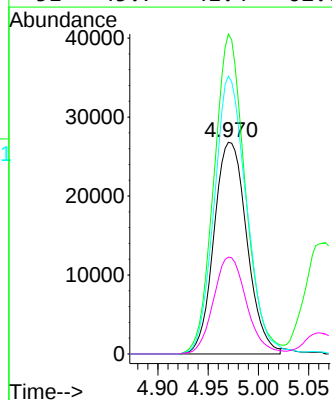
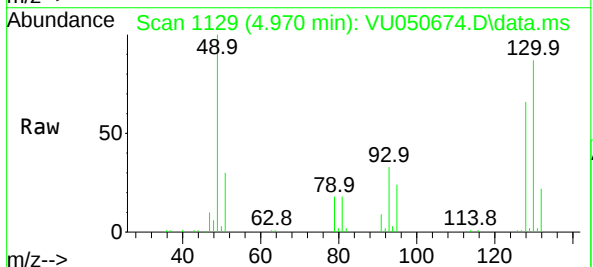
Instrument :
MSVOA_U
ClientSampleId :
EW345MSD

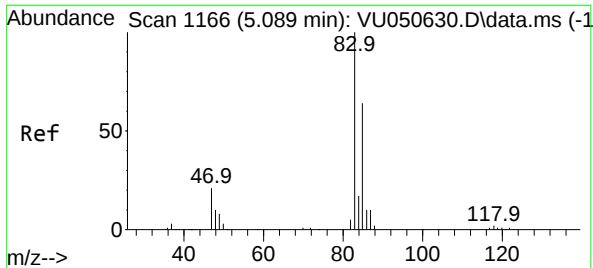
Tgt Ion: 43 Resp: 194161
Ion Ratio Lower Upper
43 100
72 31.3 14.6 44.0



#23
Bromochloromethane
Concen: 51.225 ug/L
RT: 4.970 min Scan# 1129
Delta R.T. -0.003 min
Lab File: VU050674.D
Acq: 07 Sep 2022 20:38

Tgt Ion:128 Resp: 61033
Ion Ratio Lower Upper
128 100
49 151.2 112.5 208.9
130 131.3 91.8 170.4
51 45.7 41.4 62.0

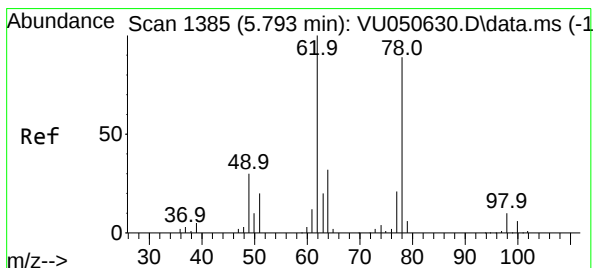
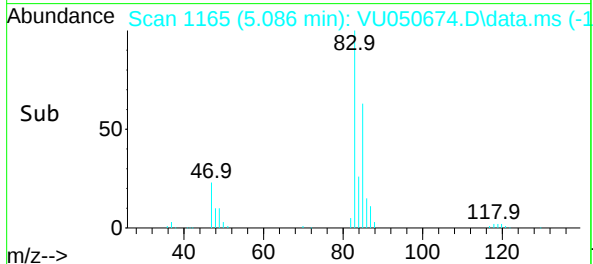
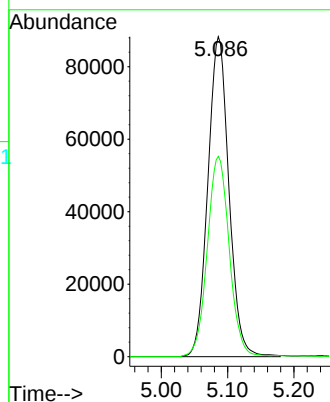
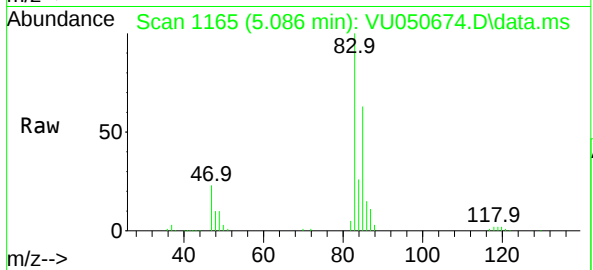




#25
Chloroform
Concen: 48.417 ug/L
RT: 5.086 min Scan# 1165
Delta R.T. -0.003 min
Lab File: VU050674.D
Acq: 07 Sep 2022 20:38

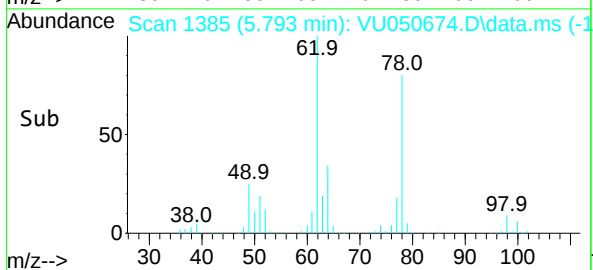
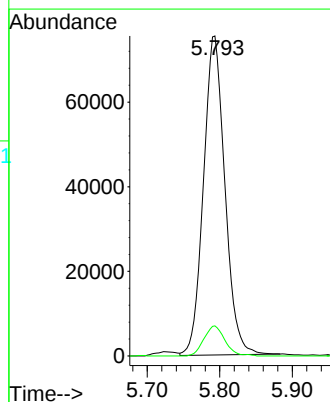
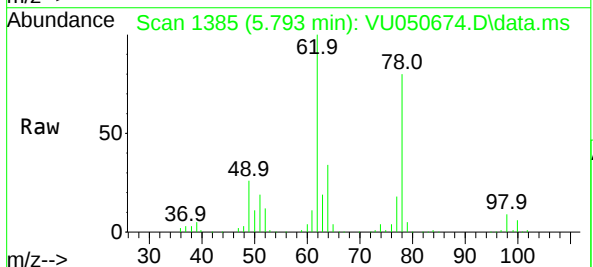
Instrument :
MSVOA_U
ClientSampleId :
EW345MSD

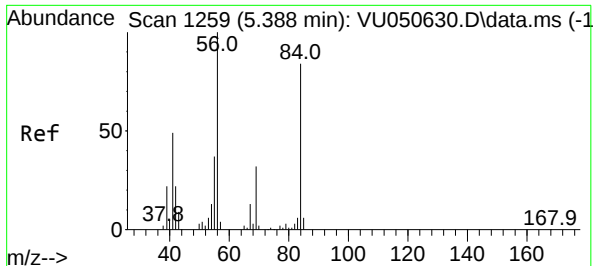
Tgt Ion: 83 Resp: 194484
Ion Ratio Lower Upper
83 100
85 62.6 45.6 84.8



#27
1,2-Dichloroethane
Concen: 51.974 ug/L
RT: 5.793 min Scan# 1385
Delta R.T. 0.000 min
Lab File: VU050674.D
Acq: 07 Sep 2022 20:38

Tgt Ion: 62 Resp: 154737
Ion Ratio Lower Upper
62 100
98 9.4 8.2 12.2





#29

Cyclohexane

Concen: 26.957 ug/L

RT: 5.385 min Scan# 11

Delta R.T. -0.003 min

Lab File: VU050674.D

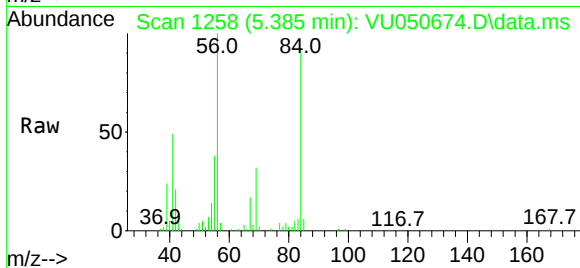
Acq: 07 Sep 2022 20:38

Instrument :

MSVOA_U

ClientSampleId :

EW345MSD



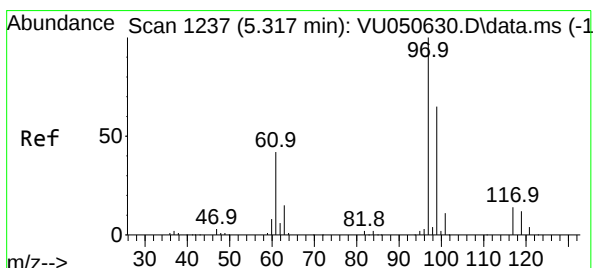
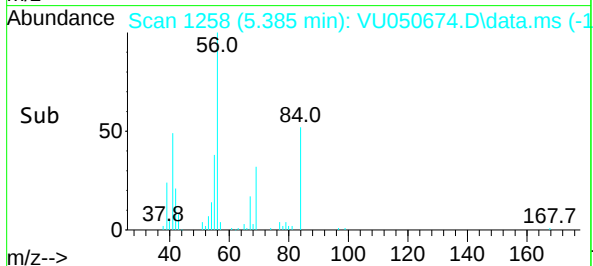
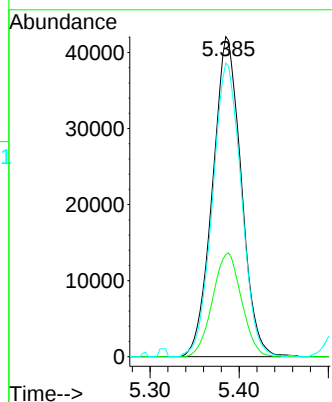
Tgt Ion: 56 Resp: 93846

Ion Ratio Lower Upper

56 100

69 32.7 24.6 37.0

84 92.5 67.4 101.2



#30

1,1,1-Trichloroethane

Concen: 41.487 ug/L

RT: 5.314 min Scan# 1236

Delta R.T. -0.003 min

Lab File: VU050674.D

Acq: 07 Sep 2022 20:38

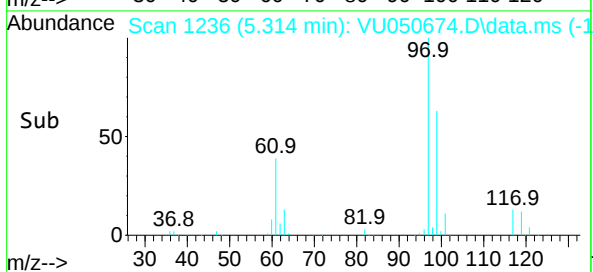
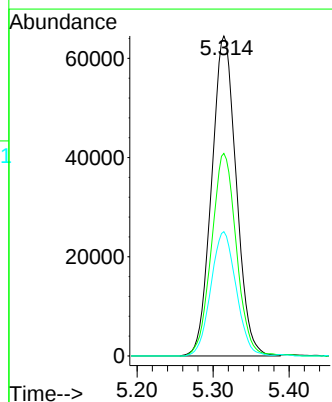
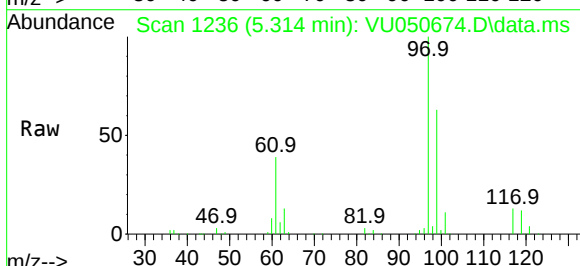
Tgt Ion: 97 Resp: 145252

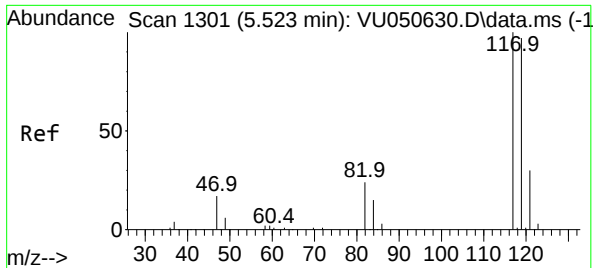
Ion Ratio Lower Upper

97 100

99 63.8 51.2 76.8

61 39.9 34.2 51.4

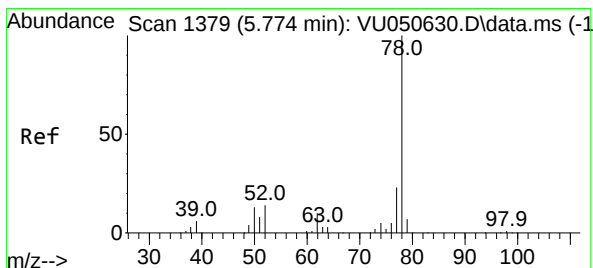
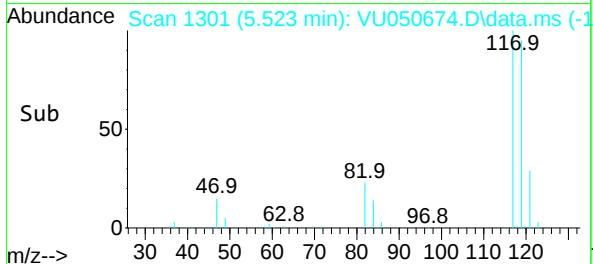
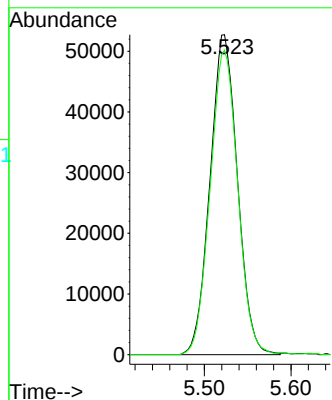
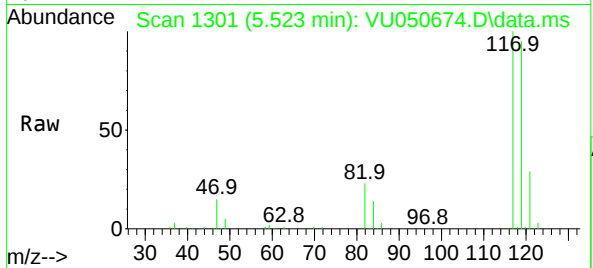




#31
Carbon tetrachloride
Concen: 40.450 ug/L
RT: 5.523 min Scan# 116031
Delta R.T. 0.000 min
Lab File: VU050674.D
Acq: 07 Sep 2022 20:38

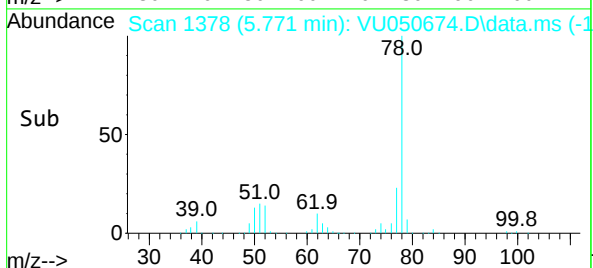
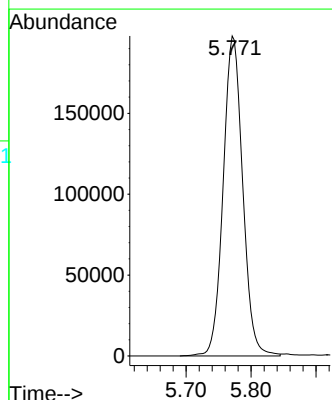
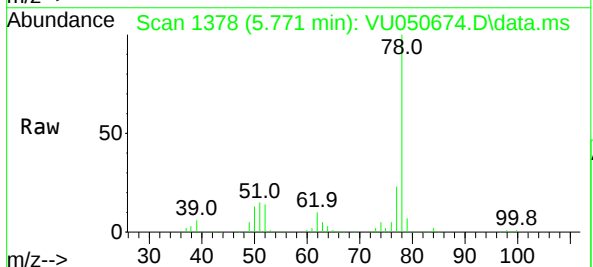
Instrument :
MSVOA_U
ClientSampleId :
EW345MSD

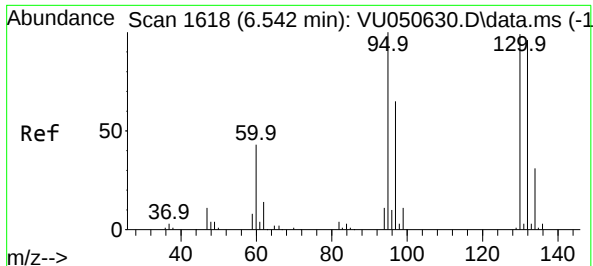
Tgt Ion:117 Resp: 116031
Ion Ratio Lower Upper
117 100
119 95.6 77.4 116.2



#33
Benzene
Concen: 43.533 ug/L
RT: 5.771 min Scan# 1378
Delta R.T. -0.003 min
Lab File: VU050674.D
Acq: 07 Sep 2022 20:38

Tgt Ion: 78 Resp: 411827

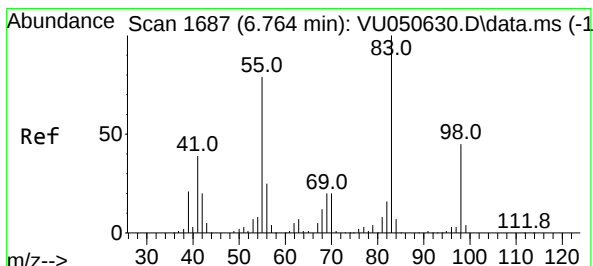
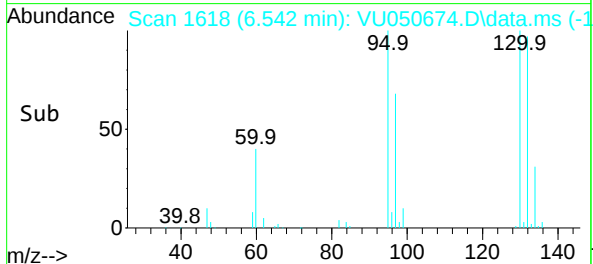
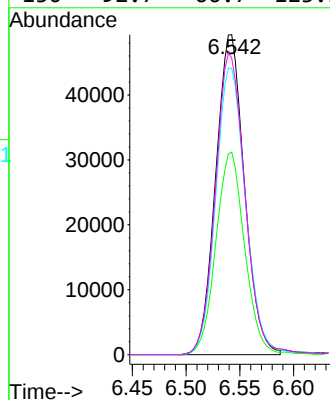
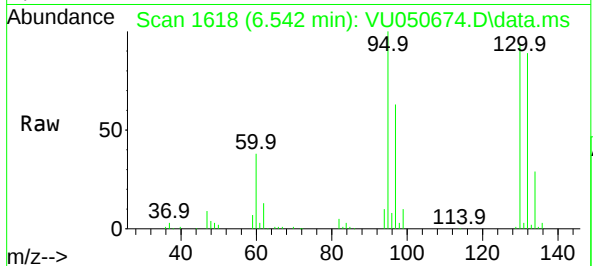




#34
Trichloroethene
Concen: 41.540 ug/L
RT: 6.542 min Scan# 1618
Delta R.T. 0.000 min
Lab File: VU050674.D
Acq: 07 Sep 2022 20:38

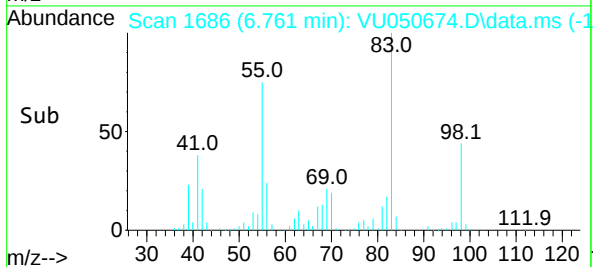
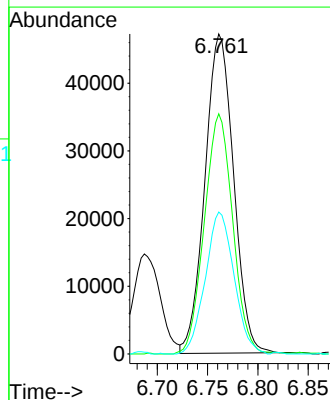
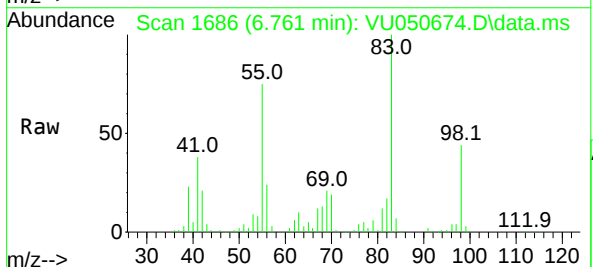
Instrument :
MSVOA_U
ClientSampleId :
EW345MSD

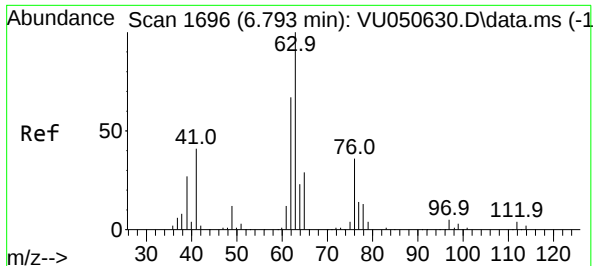
Tgt Ion: 95 Resp: 91567
Ion Ratio Lower Upper
95 100
97 63.3 45.4 84.2
132 89.5 65.2 121.2
130 92.7 66.7 123.9



#35
Methylcyclohexane
Concen: 26.658 ug/L
RT: 6.761 min Scan# 1686
Delta R.T. -0.003 min
Lab File: VU050674.D
Acq: 07 Sep 2022 20:38

Tgt Ion: 83 Resp: 93419
Ion Ratio Lower Upper
83 100
55 74.7 62.6 93.8
98 44.5 35.5 53.3





#37

1,2-Dichloropropane

Concen: 44.138 ug/L

RT: 6.790 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU050674.D

Acq: 07 Sep 2022 20:38

Instrument :

MSVOA_U

ClientSampleId :

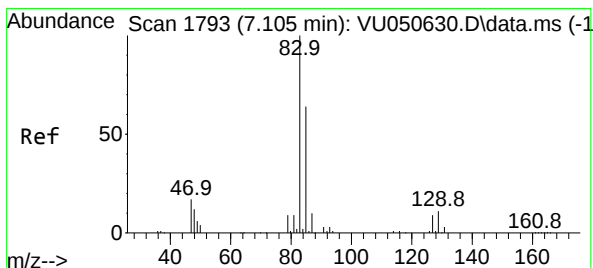
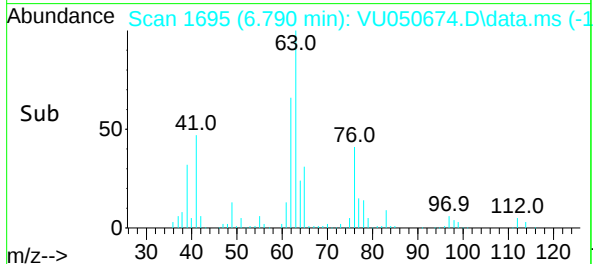
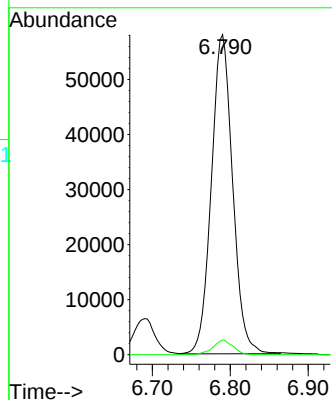
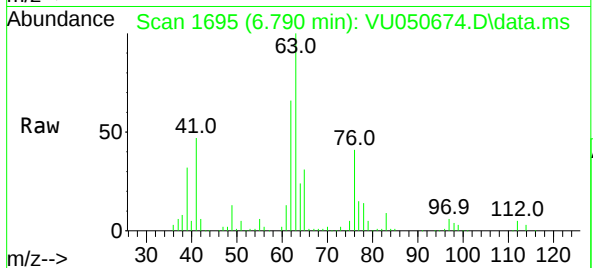
EW345MSD

Tgt Ion: 63 Resp: 110293

Ion Ratio Lower Upper

63 100

112 4.3 3.0 4.4



#38

Bromodichloromethane

Concen: 50.544 ug/L

RT: 7.105 min Scan# 1793

Delta R.T. 0.000 min

Lab File: VU050674.D

Acq: 07 Sep 2022 20:38

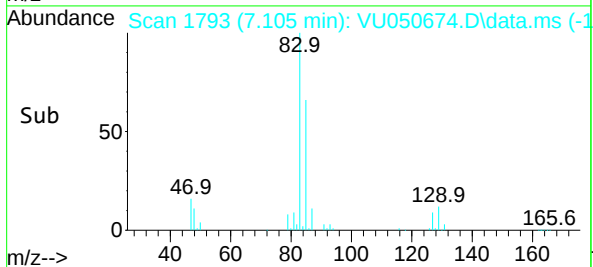
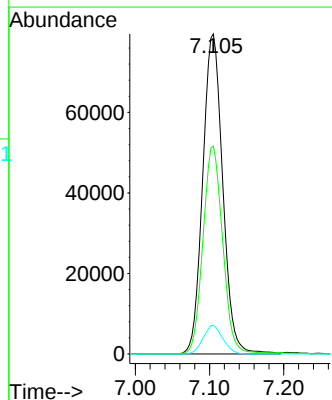
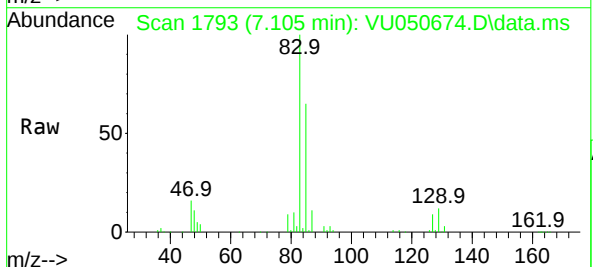
Tgt Ion: 83 Resp: 148572

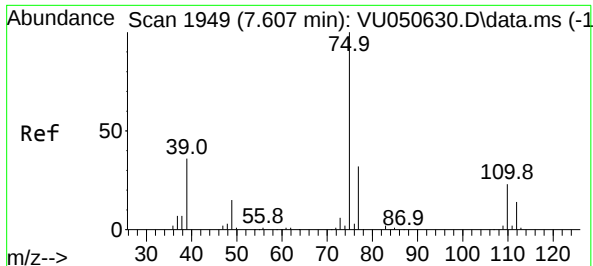
Ion Ratio Lower Upper

83 100

85 64.9 44.9 83.5

127 9.0 6.6 10.0





#39

cis-1,3-Dichloropropene

Concen: 46.307 ug/L

RT: 7.607 min Scan# 1949

Delta R.T. 0.000 min

Lab File: VU050674.D

Acq: 07 Sep 2022 20:38

Instrument :

MSVOA_U

ClientSampleId :

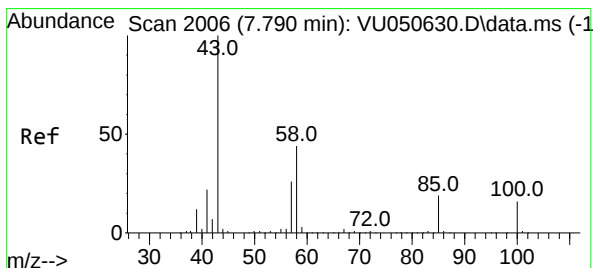
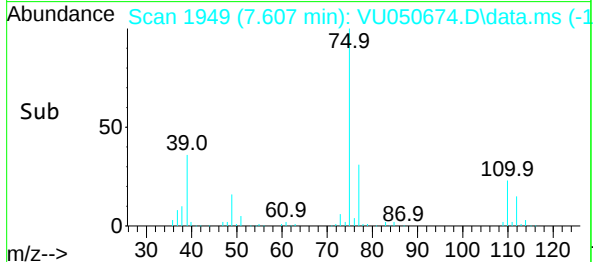
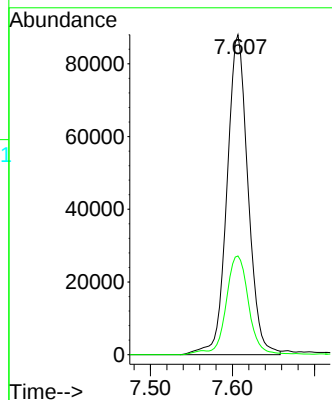
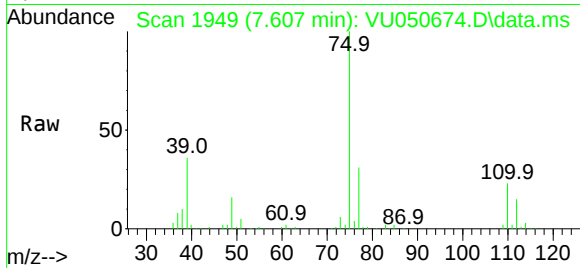
EW345MSD

Tgt Ion: 75 Resp: 156628

Ion Ratio Lower Upper

75 100

77 30.8 22.5 41.7



#40

4-Methyl-2-pentanone

Concen: 98.184 ug/L

RT: 7.790 min Scan# 2006

Delta R.T. 0.000 min

Lab File: VU050674.D

Acq: 07 Sep 2022 20:38

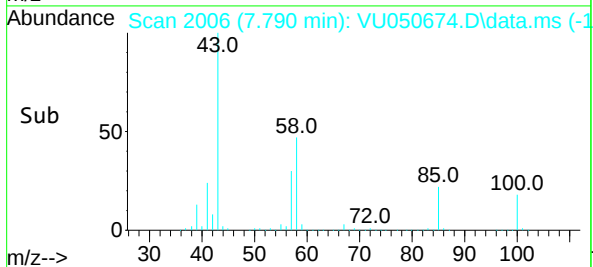
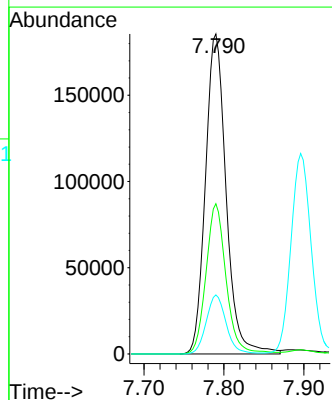
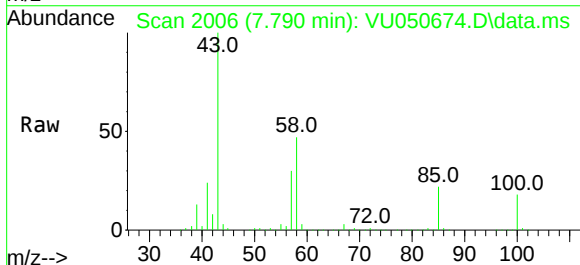
Tgt Ion: 43 Resp: 334338

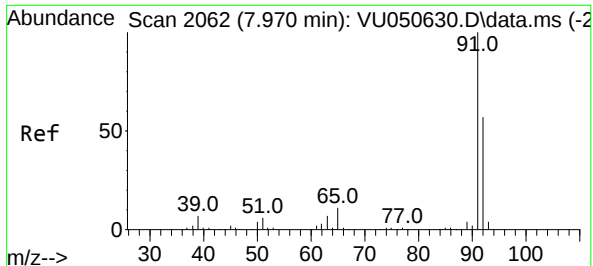
Ion Ratio Lower Upper

43 100

58 45.6 35.1 52.7

100 17.8 12.9 19.3





#42

Toluene

Concen: 43.660 ug/L

RT: 7.967 min Scan# 2062

Delta R.T. -0.003 min

Lab File: VU050674.D

Acq: 07 Sep 2022 20:38

Instrument :

MSVOA_U

ClientSampleId :

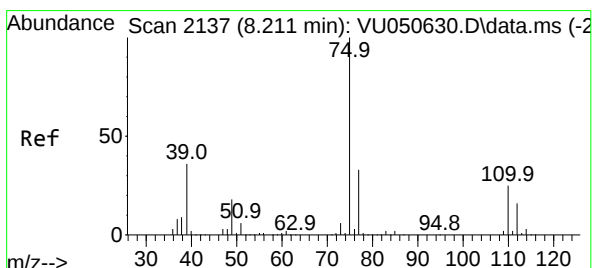
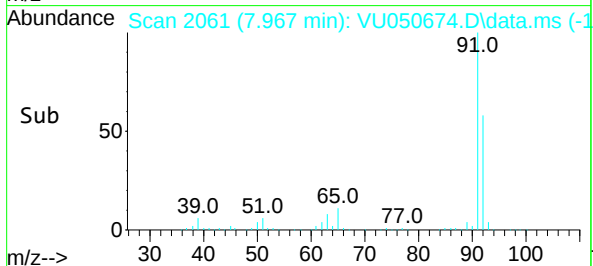
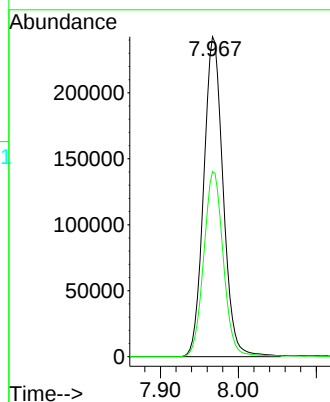
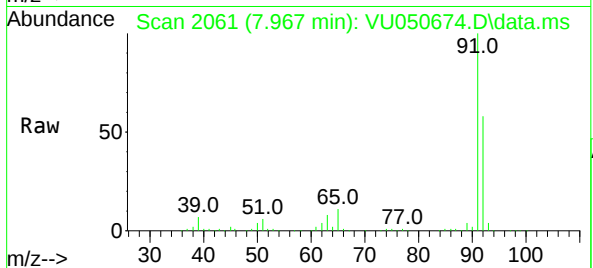
EW345MSD

Tgt Ion: 91 Resp: 419549

Ion Ratio Lower Upper

91 100

92 57.9 40.5 75.3



#44

trans-1,3-Dichloropropene

Concen: 48.841 ug/L

RT: 8.208 min Scan# 2136

Delta R.T. -0.003 min

Lab File: VU050674.D

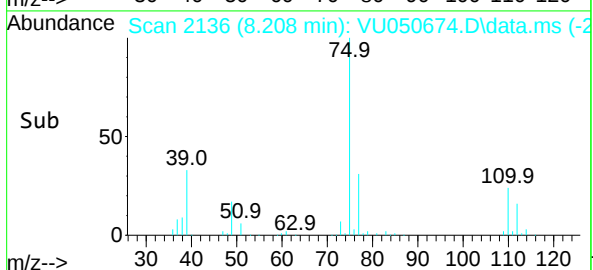
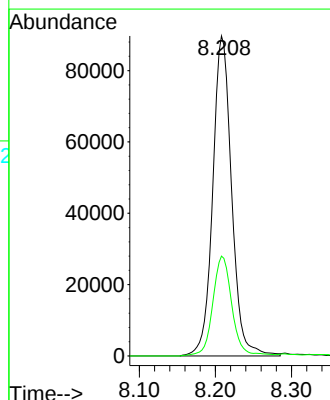
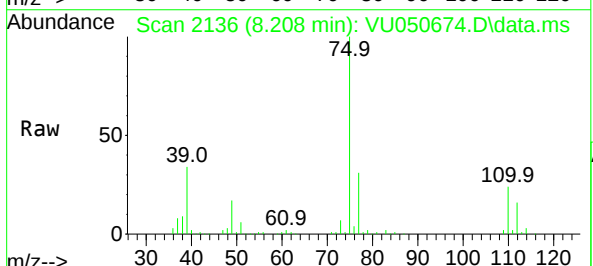
Acq: 07 Sep 2022 20:38

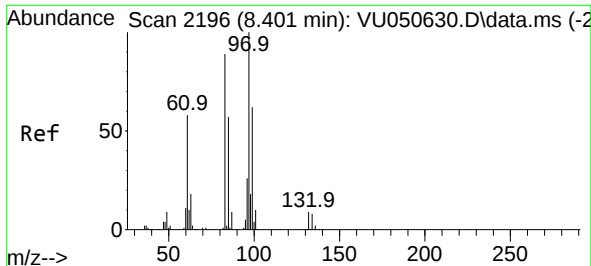
Tgt Ion: 75 Resp: 154995

Ion Ratio Lower Upper

75 100

77 31.2 22.1 41.1



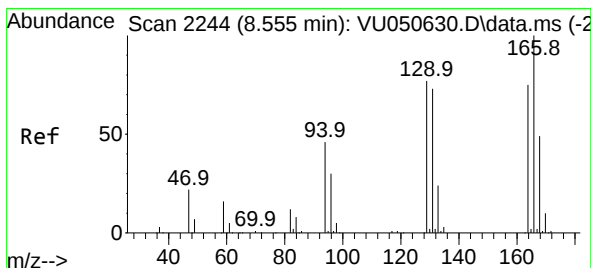
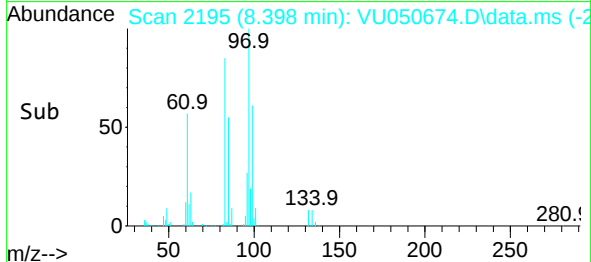
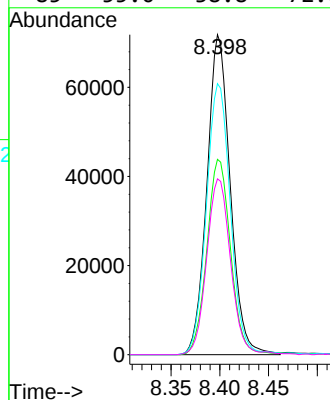
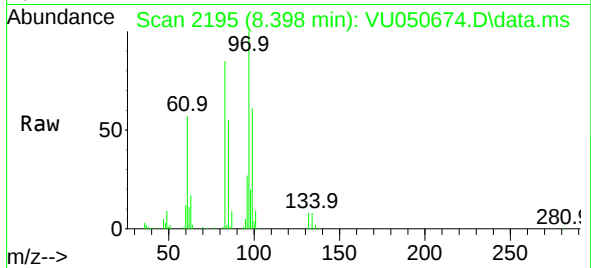


#45
1,1,2-Trichloroethane
Concen: 49.895 ug/L
RT: 8.398 min Scan# 2195
Delta R.T. -0.003 min
Lab File: VU050674.D
Acq: 07 Sep 2022 20:38

Instrument :
MSVOA_U
ClientSampleId :
EW345MSD

Tgt Ion: 97 Resp: 119770

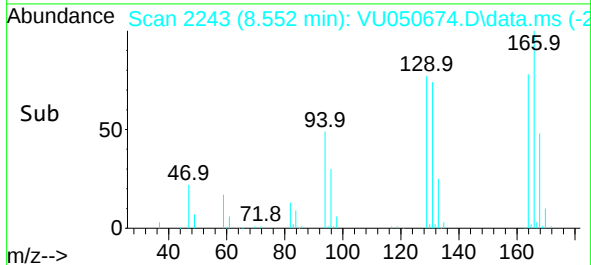
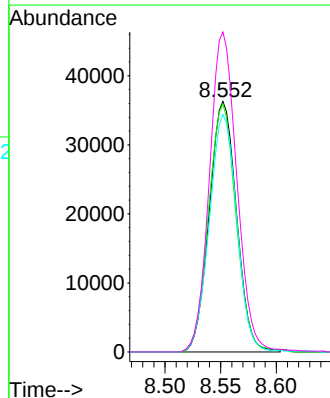
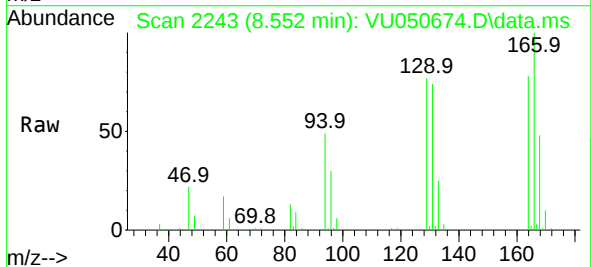
Ion	Ratio	Lower	Upper
97	100		
99	61.1	43.5	80.9
83	84.7	61.6	114.4
85	55.0	38.8	72.0

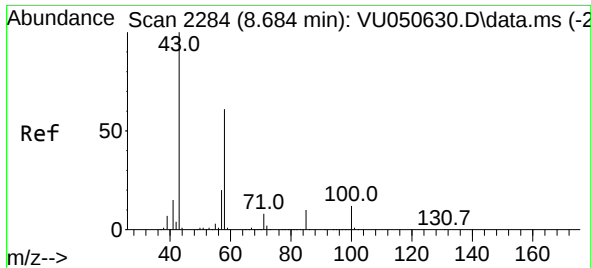


#46
Tetrachloroethene
Concen: 38.542 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. -0.003 min
Lab File: VU050674.D
Acq: 07 Sep 2022 20:38

Tgt Ion: 164 Resp: 62053

Ion	Ratio	Lower	Upper
164	100		
129	98.9	68.7	127.5
131	94.8	66.2	123.0
166	127.7	87.7	162.9

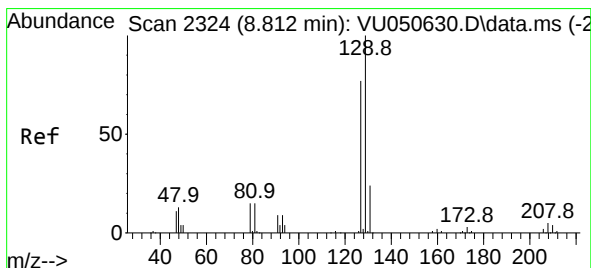
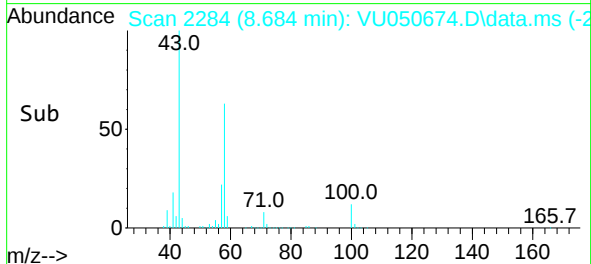
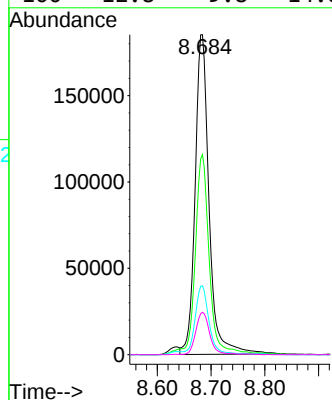
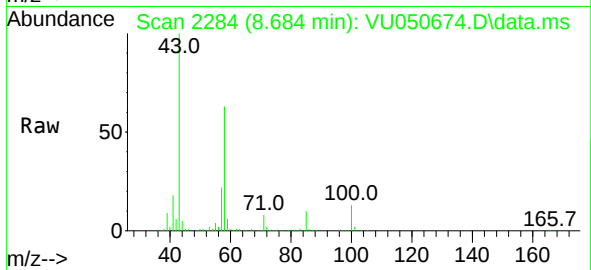




#48
2-Hexanone
Concen: 105.228 ug/L
RT: 8.684 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU050674.D
Acq: 07 Sep 2022 20:38

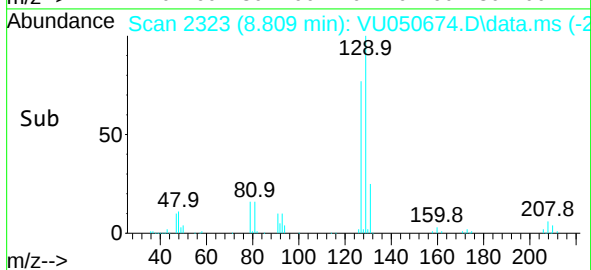
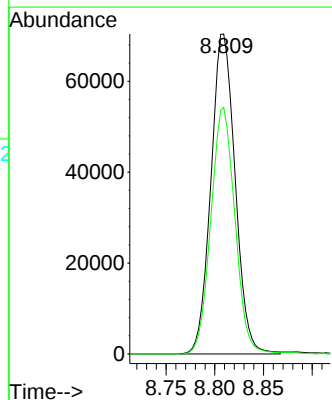
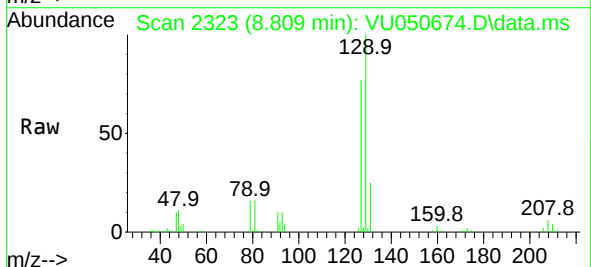
Instrument :
MSVOA_U
ClientSampleId :
EW345MSD

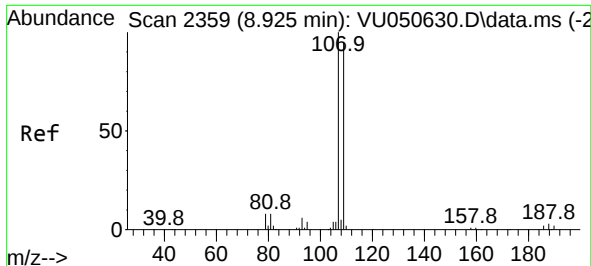
Tgt Ion: 43 Resp: 334408
Ion Ratio Lower Upper
43 100
58 62.3 51.8 77.6
57 20.5 17.0 25.4
100 12.8 9.8 14.8



#49
Dibromochloromethane
Concen: 53.240 ug/L
RT: 8.809 min Scan# 2323
Delta R.T. -0.003 min
Lab File: VU050674.D
Acq: 07 Sep 2022 20:38

Tgt Ion: 129 Resp: 121896
Ion Ratio Lower Upper
129 100
127 77.0 53.8 100.0

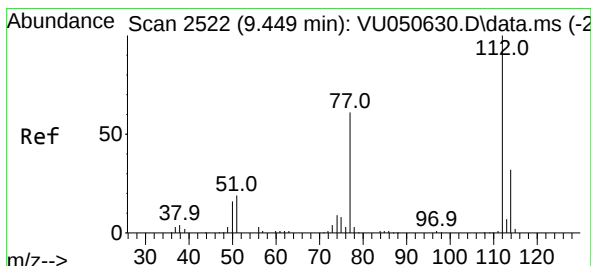
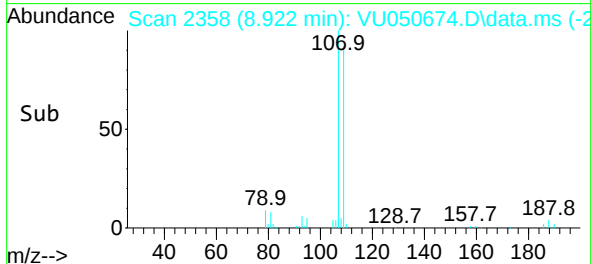
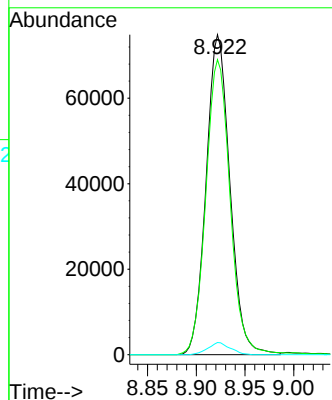
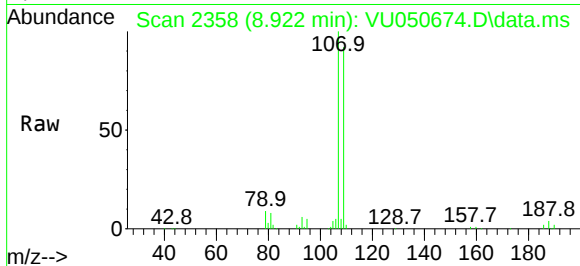




#50
1,2-Dibromoethane
Concen: 52.154 ug/L
RT: 8.922 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU050674.D
Acq: 07 Sep 2022 20:38

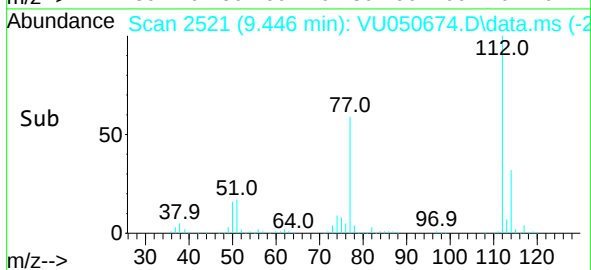
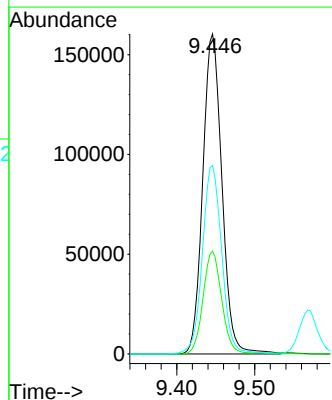
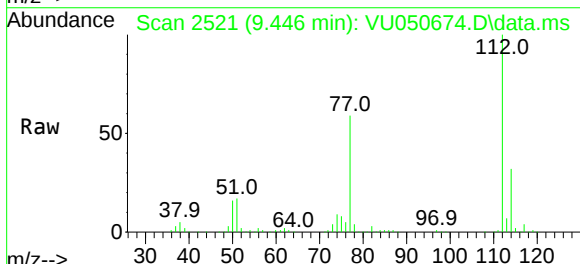
Instrument :
MSVOA_U
ClientSampleId :
EW345MSD

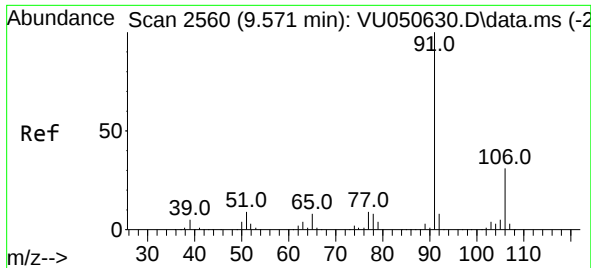
Tgt Ion:107 Resp: 127320
Ion Ratio Lower Upper
107 100
109 92.2 67.5 125.4
188 3.8 2.5 3.7#



#51
Chlorobenzene
Concen: 45.935 ug/L
RT: 9.446 min Scan# 2521
Delta R.T. -0.003 min
Lab File: VU050674.D
Acq: 07 Sep 2022 20:38

Tgt Ion:112 Resp: 273956
Ion Ratio Lower Upper
112 100
114 32.2 22.1 41.1
77 58.9 49.2 73.8

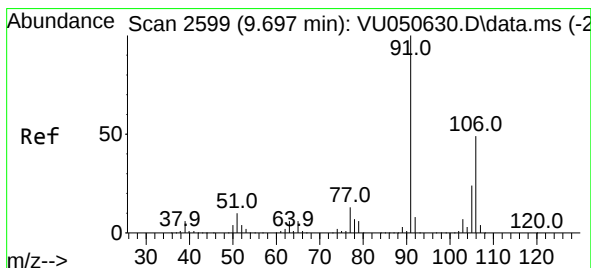
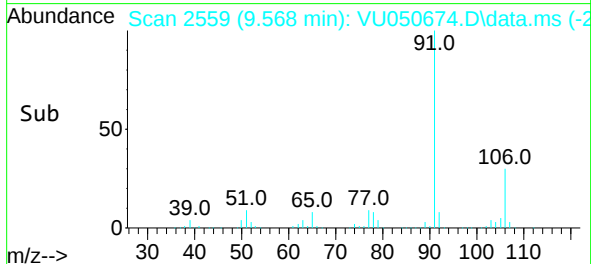
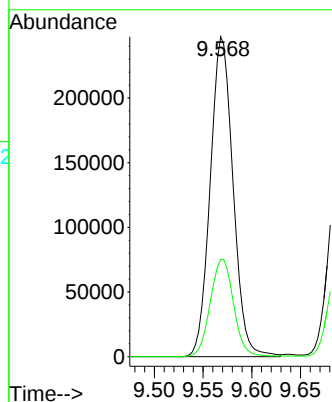
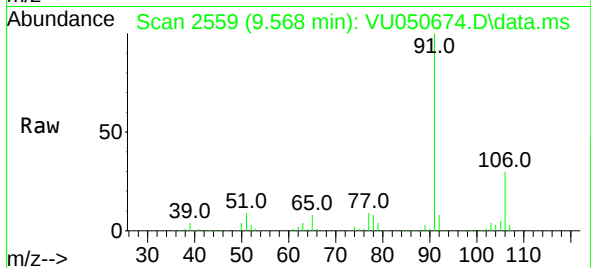




#52
Ethylbenzene
Concen: 42.457 ug/L
RT: 9.568 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU050674.D
Acq: 07 Sep 2022 20:38

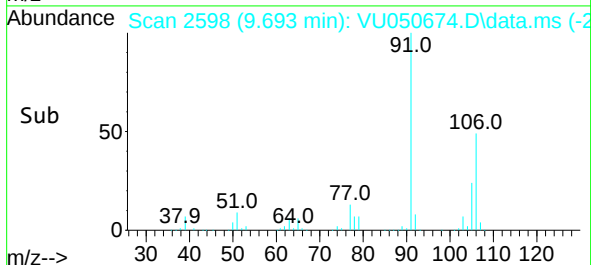
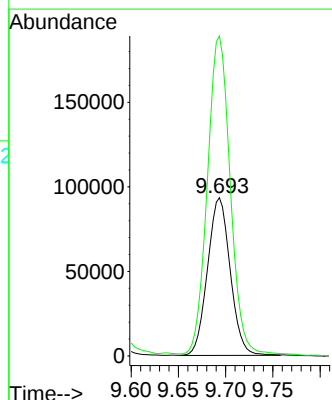
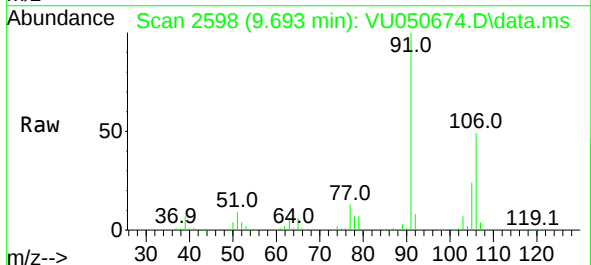
Instrument :
MSVOA_U
ClientSampleId :
EW345MSD

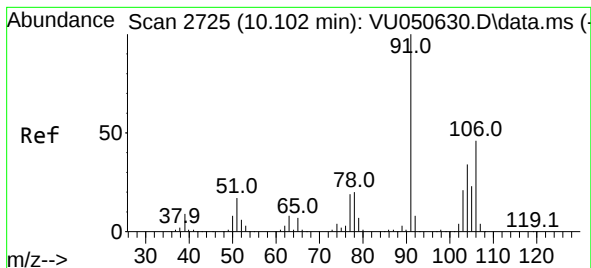
Tgt Ion: 91 Resp: 403048
Ion Ratio Lower Upper
91 100
106 30.4 21.2 39.4



#53
m,p-Xylene
Concen: 42.773 ug/L
RT: 9.693 min Scan# 2598
Delta R.T. -0.003 min
Lab File: VU050674.D
Acq: 07 Sep 2022 20:38

Tgt Ion: 106 Resp: 155565
Ion Ratio Lower Upper
106 100
91 202.2 147.1 273.3





#54

o-Xylene

Concen: 46.549 ug/L

RT: 10.099 min Scan# 21

Delta R.T. -0.003 min

Lab File: VU050674.D

Acq: 07 Sep 2022 20:38

Instrument :

MSVOA_U

ClientSampleId :

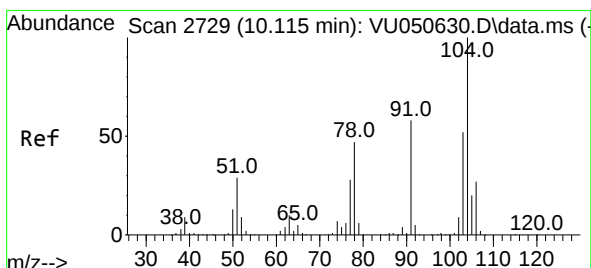
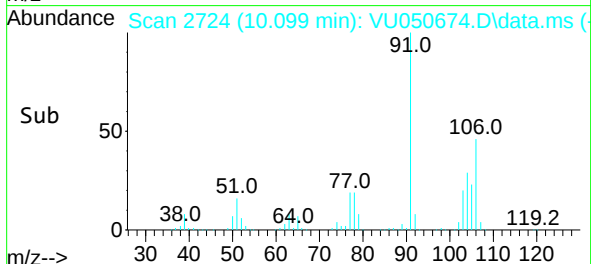
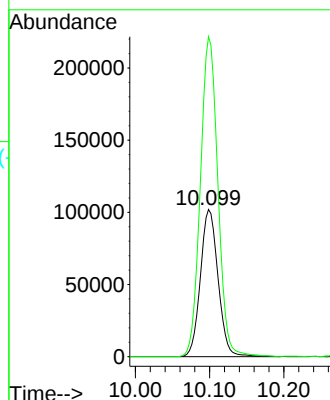
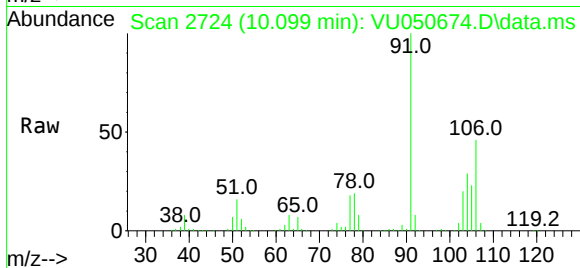
EW345MSD

Tgt Ion:106 Resp: 168551

Ion Ratio Lower Upper

106 100

91 217.3 153.4 284.8



#55

Styrene

Concen: 48.785 ug/L

RT: 10.115 min Scan# 2729

Delta R.T. 0.000 min

Lab File: VU050674.D

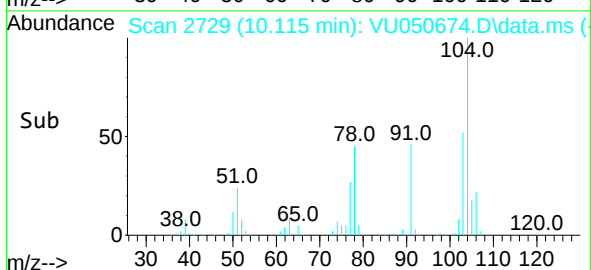
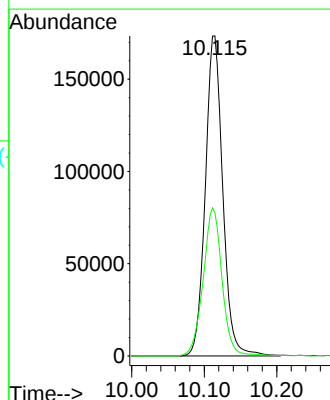
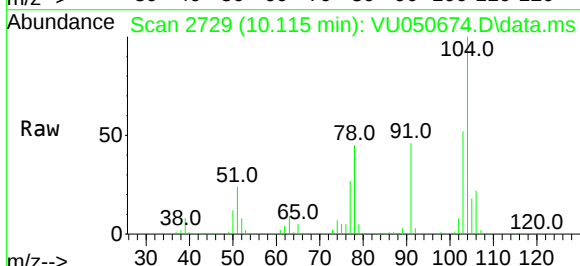
Acq: 07 Sep 2022 20:38

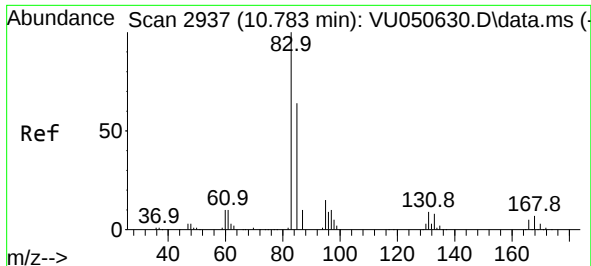
Tgt Ion:104 Resp: 290648

Ion Ratio Lower Upper

104 100

78 44.8 32.8 60.8





#57

1,1,2,2-Tetrachloroethane

Concen: 52.299 ug/L

RT: 10.780 min Scan# 2937

Delta R.T. -0.003 min

Lab File: VU050674.D

Acq: 07 Sep 2022 20:38

Instrument :

MSVOA_U

ClientSampleId :

EW345MSD

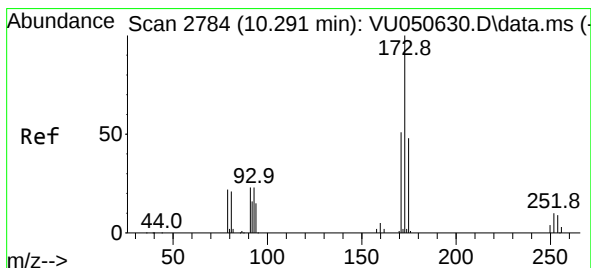
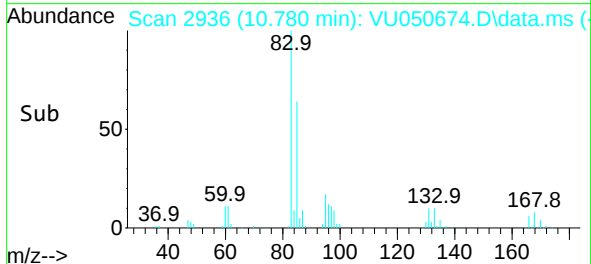
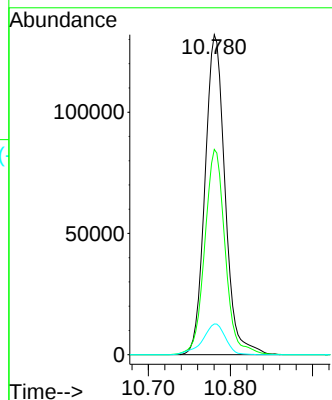
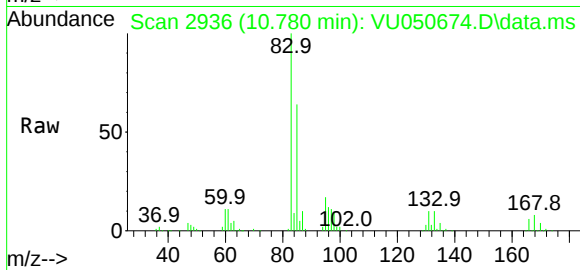
Tgt Ion: 83 Resp: 223617

Ion Ratio Lower Upper

83 100

85 64.1 45.5 84.5

131 9.6 7.7 11.5



#59

Bromoform

Concen: 51.189 ug/L

RT: 10.288 min Scan# 2783

Delta R.T. -0.003 min

Lab File: VU050674.D

Acq: 07 Sep 2022 20:38

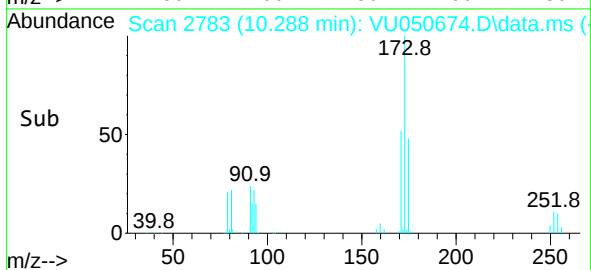
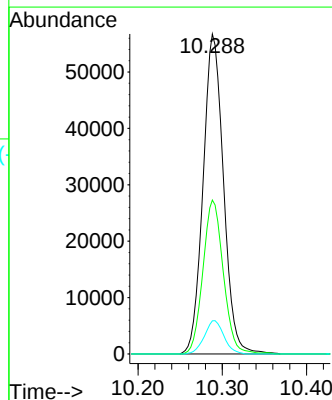
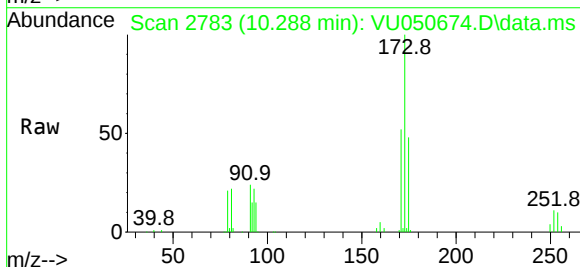
Tgt Ion: 173 Resp: 95801

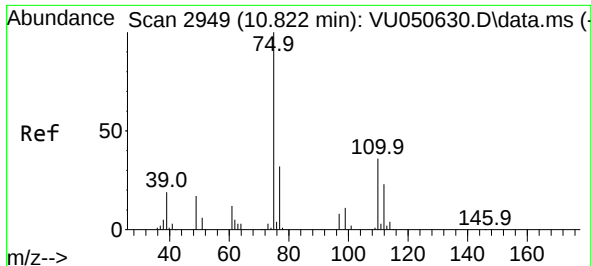
Ion Ratio Lower Upper

173 100

175 47.8 40.0 60.0

254 10.0 7.4 11.0

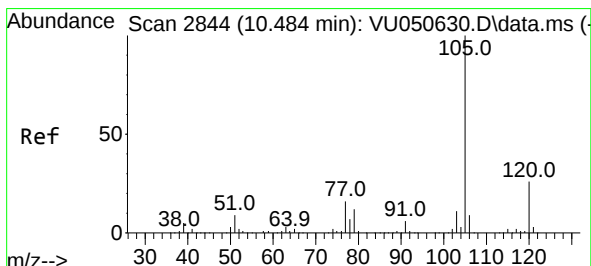
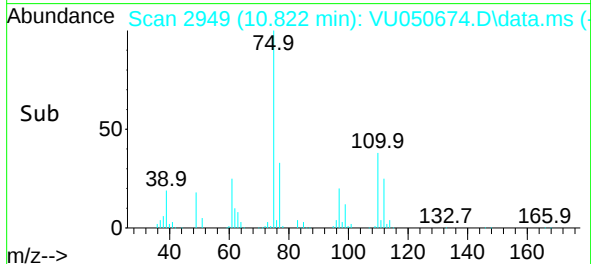
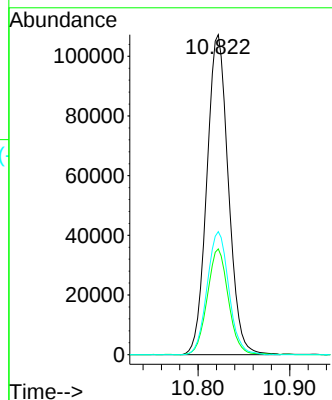
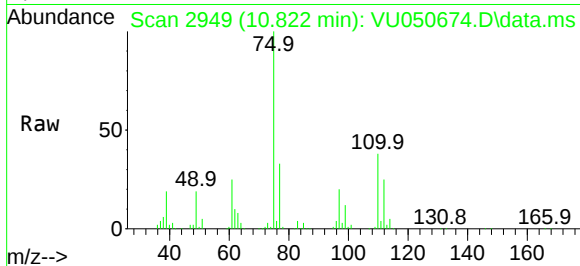




#60
1,2,3-Trichloropropane
Concen: 47.561 ug/L
RT: 10.822 min Scan# 2949
Delta R.T. 0.000 min
Lab File: VU050674.D
Acq: 07 Sep 2022 20:38

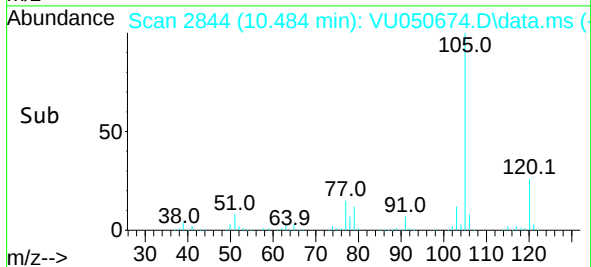
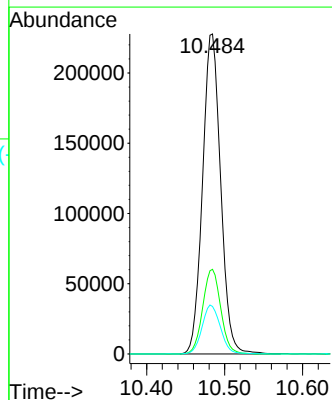
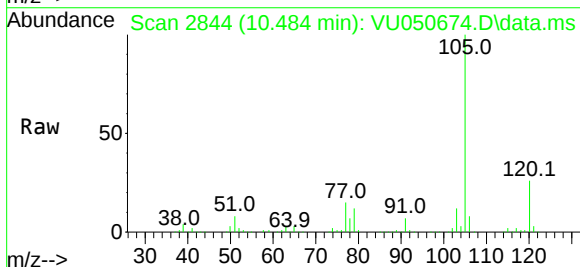
Instrument :
MSVOA_U
ClientSampleId :
EW345MSD

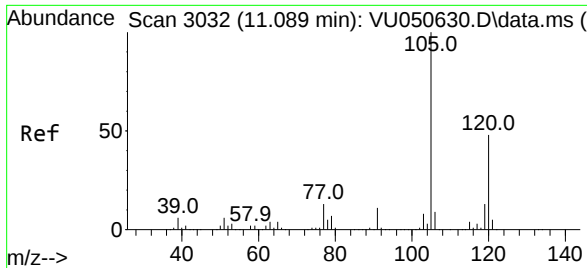
Tgt Ion: 75 Resp: 175045
Ion Ratio Lower Upper
75 100
77 32.4 25.8 38.8
110 38.7 29.3 43.9



#61
Isopropylbenzene
Concen: 37.004 ug/L
RT: 10.484 min Scan# 2844
Delta R.T. 0.000 min
Lab File: VU050674.D
Acq: 07 Sep 2022 20:38

Tgt Ion: 105 Resp: 367410
Ion Ratio Lower Upper
105 100
120 26.3 20.4 30.6
77 15.6 12.8 19.2

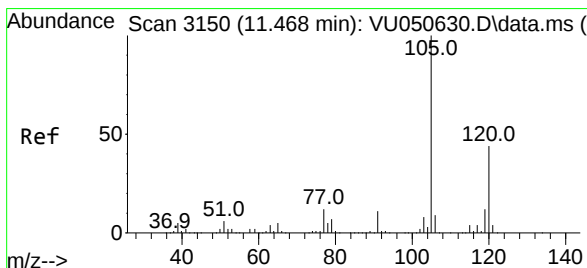
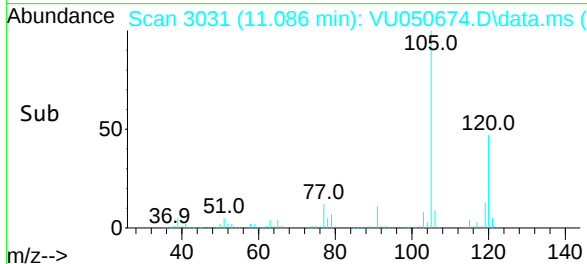
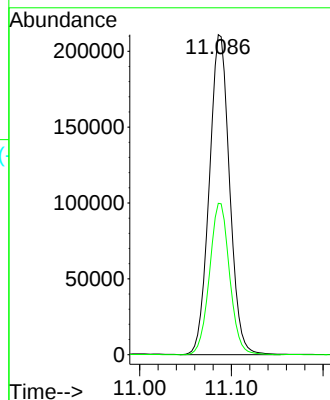
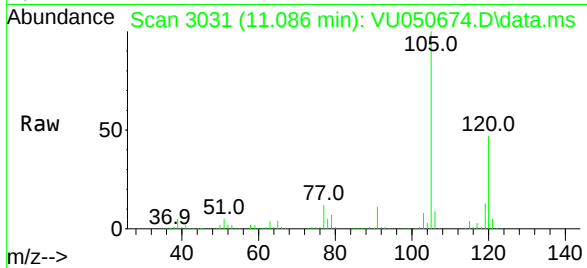




#62
 1,3,5-Trimethylbenzene
 Concen: 38.208 ug/L
 RT: 11.086 min Scan# 3032
 Delta R.T. -0.003 min
 Lab File: VU050674.D
 Acq: 07 Sep 2022 20:38

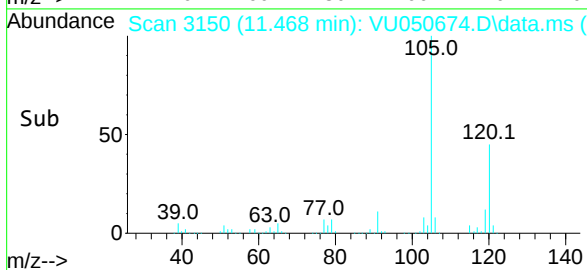
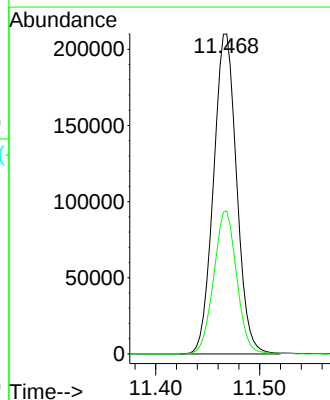
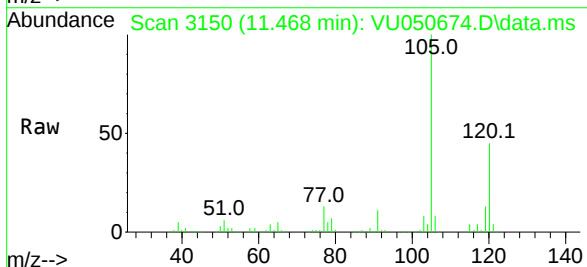
Instrument :
 MSVOA_U
 ClientSampleId :
 EW345MSD

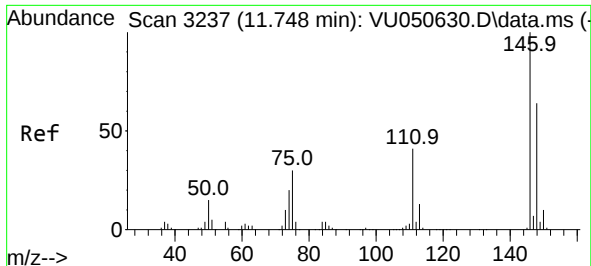
Tgt Ion:105 Resp: 324321
 Ion Ratio Lower Upper
 105 100
 120 46.8 37.7 56.5



#63
 1,2,4-Trimethylbenzene
 Concen: 39.901 ug/L
 RT: 11.468 min Scan# 3150
 Delta R.T. 0.000 min
 Lab File: VU050674.D
 Acq: 07 Sep 2022 20:38

Tgt Ion:105 Resp: 325238
 Ion Ratio Lower Upper
 105 100
 120 44.2 35.3 52.9

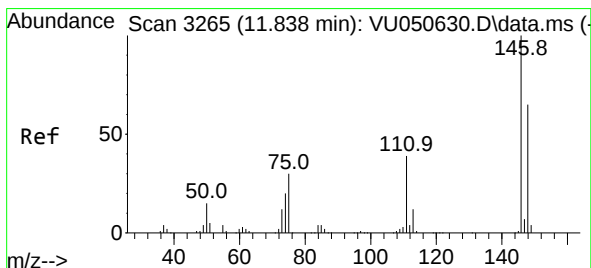
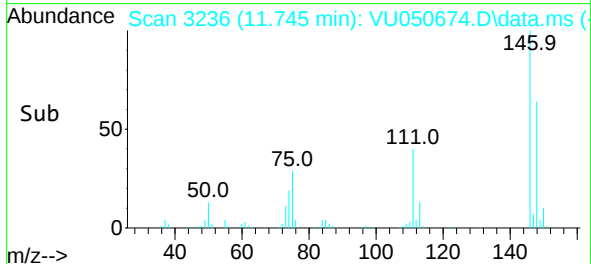
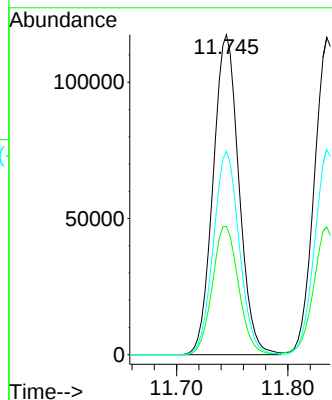
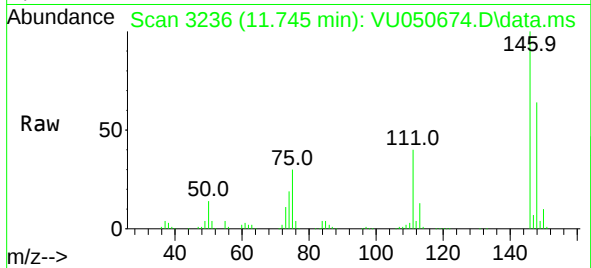




#64
1,3-Dichlorobenzene
Concen: 43.305 ug/L
RT: 11.745 min Scan# 31
Delta R.T. -0.003 min
Lab File: VU050674.D
Acq: 07 Sep 2022 20:38

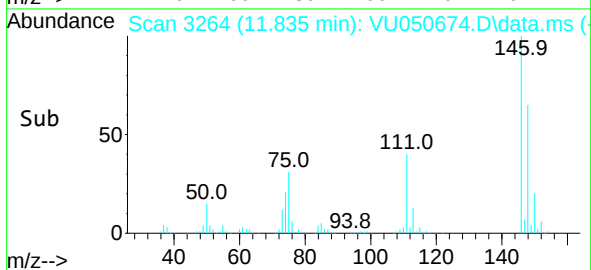
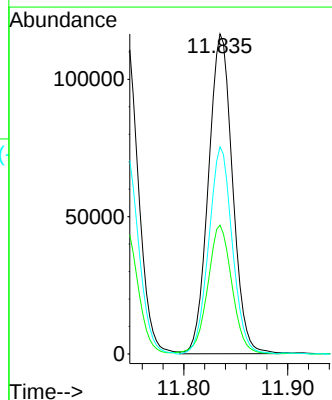
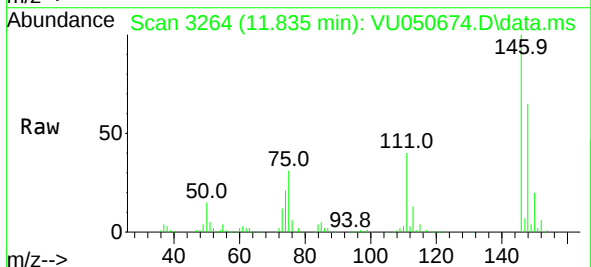
Instrument :
MSVOA_U
ClientSampleId :
EW345MSD

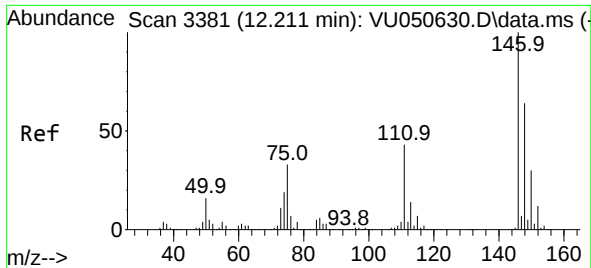
Tgt Ion:146 Resp: 189189
Ion Ratio Lower Upper
146 100
111 40.0 29.9 55.5
148 63.6 45.5 84.5



#65
1,4-Dichlorobenzene
Concen: 43.500 ug/L
RT: 11.835 min Scan# 3264
Delta R.T. -0.003 min
Lab File: VU050674.D
Acq: 07 Sep 2022 20:38

Tgt Ion:146 Resp: 187847
Ion Ratio Lower Upper
146 100
111 40.3 27.9 51.7
148 64.7 44.4 82.4





#67

1,2-Dichlorobenzene

Concen: 45.209 ug/L

RT: 12.211 min Scan# 3381

Delta R.T. 0.000 min

Lab File: VU050674.D

Acq: 07 Sep 2022 20:38

Instrument :

MSVOA_U

ClientSampleId :

EW345MSD

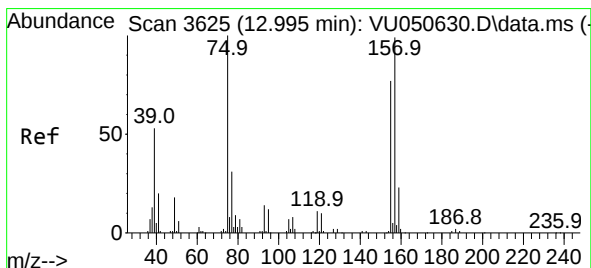
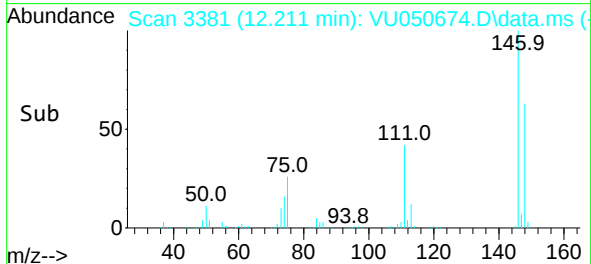
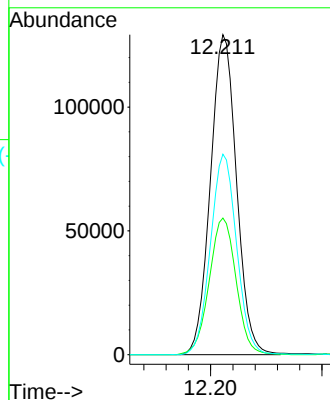
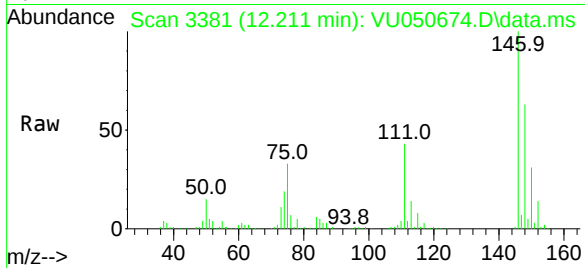
Tgt Ion:146 Resp: 210351

Ion Ratio Lower Upper

146 100

111 42.7 35.1 52.7

148 62.6 51.8 77.6



#68

1,2-Dibromo-3-chloropropane

Concen: 49.176 ug/L

RT: 12.996 min Scan# 3625

Delta R.T. 0.000 min

Lab File: VU050674.D

Acq: 07 Sep 2022 20:38

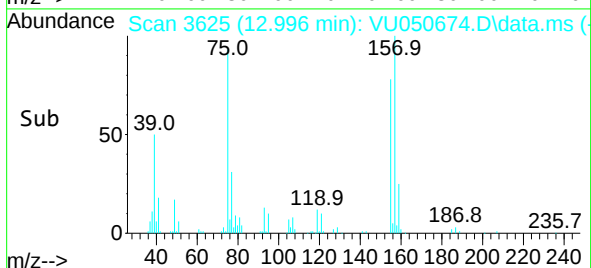
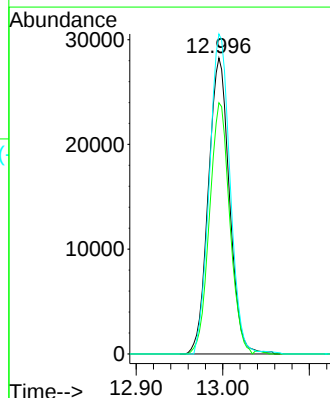
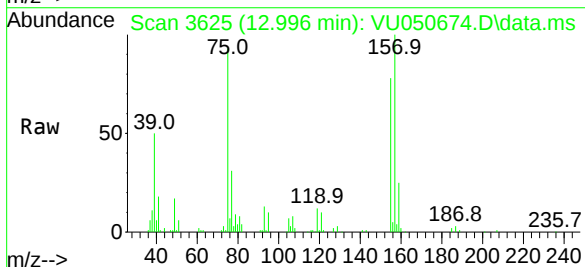
Tgt Ion: 75 Resp: 47795

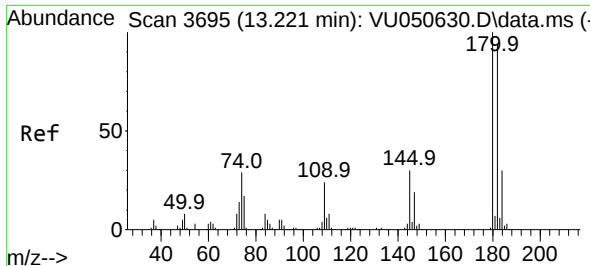
Ion Ratio Lower Upper

75 100

155 84.9 67.8 101.6

157 108.1 82.6 124.0

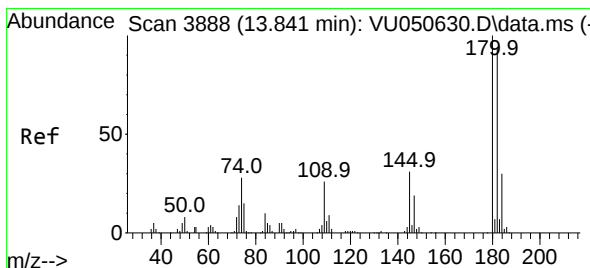
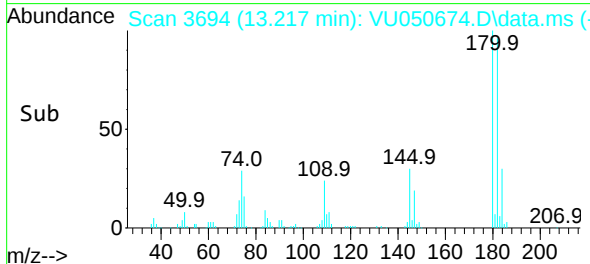
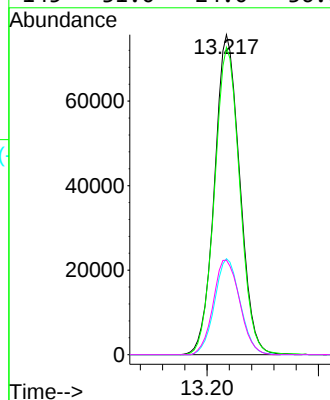
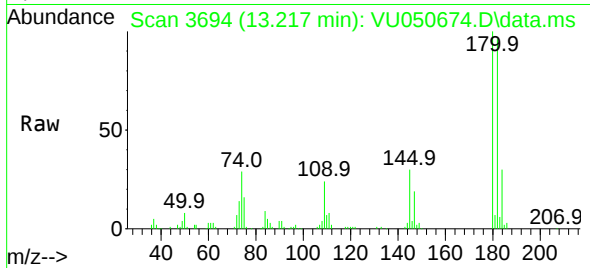




#69
1,3,5-Trichlorobenzene
Concen: 37.543 ug/L
RT: 13.217 min Scan# 3694
Delta R.T. -0.003 min
Lab File: VU050674.D
Acq: 07 Sep 2022 20:38

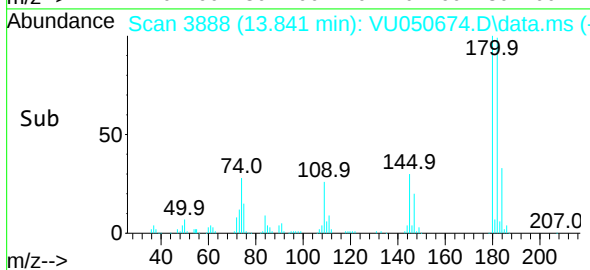
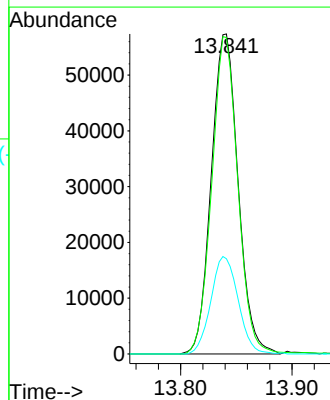
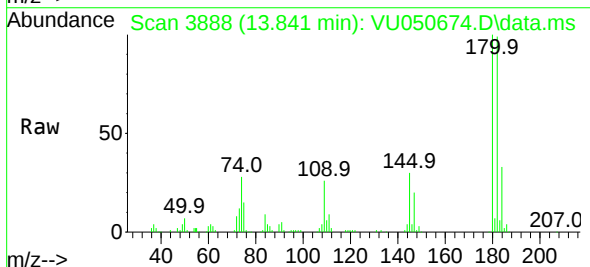
Instrument :
MSVOA_U
ClientSampleId :
EW345MSD

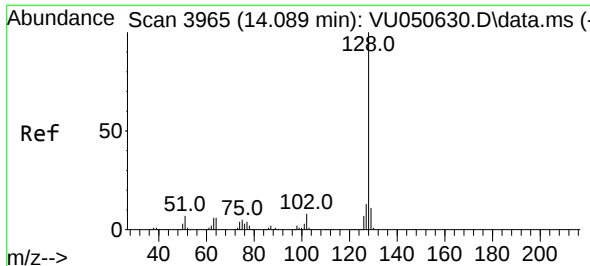
Tgt Ion:180 Resp: 119030
Ion Ratio Lower Upper
180 100
182 95.9 75.3 112.9
184 30.3 23.8 35.8
145 31.0 24.0 36.0



#70
1,2,4-trichlorobenzene
Concen: 35.618 ug/L
RT: 13.841 min Scan# 3888
Delta R.T. 0.000 min
Lab File: VU050674.D
Acq: 07 Sep 2022 20:38

Tgt Ion:180 Resp: 95889
Ion Ratio Lower Upper
180 100
182 96.3 76.2 114.2
145 31.0 24.7 37.1

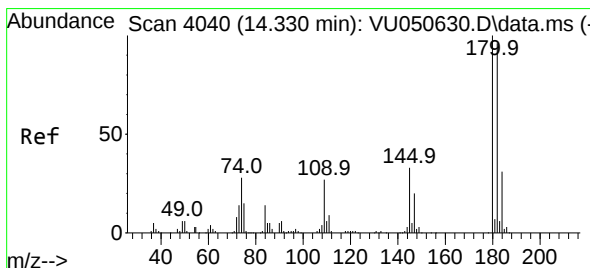
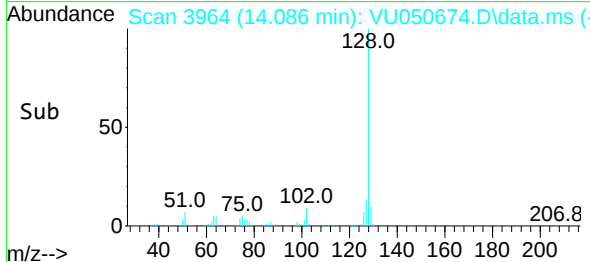
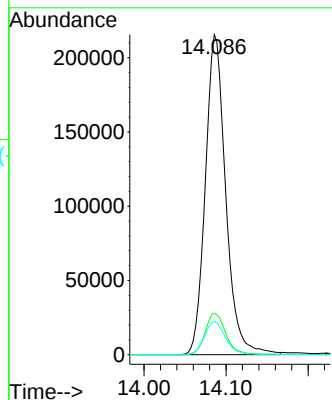
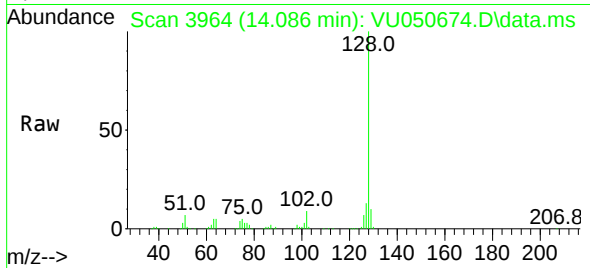




#71
Naphthalene
Concen: 39.009 ug/L
RT: 14.086 min Scan# 3965
Delta R.T. -0.003 min
Lab File: VU050674.D
Acq: 07 Sep 2022 20:38

Instrument :
MSVOA_U
ClientSampleId :
EW345MSD

Tgt Ion:128 Resp: 372338
Ion Ratio Lower Upper
128 100
127 13.2 10.1 15.1
129 10.5 8.4 12.6



#72
1,2,3-Trichlorobenzene
Concen: 38.671 ug/L
RT: 14.330 min Scan# 4040
Delta R.T. 0.000 min
Lab File: VU050674.D
Acq: 07 Sep 2022 20:38

Tgt Ion:180 Resp: 112738
Ion Ratio Lower Upper
180 100
182 95.2 76.1 114.1
145 33.1 26.4 39.6

