

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090622\
 Data File : VU050651.D
 Acq On : 06 Sep 2022 22:04
 Operator : SY/MD
 Sample : N4482-06MSD
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EW345MSD

Quant Time: Sep 07 01:43:41 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	6.250	114	225403	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	217919	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	101094	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	47450	24.612	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	49.220%#
7) Chloroethane-d5	1.900	69	42137	32.321	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	64.640%#
11) 1,1-Dichloroethene-d2	2.565	63	114542	33.621	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	67.240%
21) 2-Butanone-d5	4.626	46	127467	90.370	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	90.370%
24) Chloroform-d	5.064	84	161407	44.174	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.340%
26) 1,2-Dichloroethane-d4	5.700	65	105059	47.052	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.100%
32) Benzene-d6	5.726	84	291629	40.495	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	81.000%
36) 1,2-Dichloropropane-d6	6.691	67	100247	42.398	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	84.800%
41) Toluene-d8	7.896	98	256435	41.640	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	83.280%
43) trans-1,3-Dichloroprop...	8.179	79	45163	46.165	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.340%
47) 2-Hexanone-d5	8.633	63	52881	88.915	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	88.920%
56) 1,1,2,2-Tetrachloroeth...	10.755	84	171033	47.801	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.600%
66) 1,2-Dichlorobenzene-d4	12.192	152	100122	42.307	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	84.620%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	88227	40.751	ug/L	99
3) Chloromethane	1.520	50	83169	35.553	ug/L	99
5) Vinyl chloride	1.604	62	80759	36.642	ug/L	97
6) Bromomethane	1.845	94	48367	43.514	ug/L	97
8) Chloroethane	1.922	64	48346	41.299	ug/L	99
9) Trichlorofluoromethane	2.131	101	116865	43.521	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	69458	39.431	ug/L	97
12) 1,1-Dichloroethene	2.575	96	73444	42.911	ug/L	92
13) Acetone	2.630	43	96838	91.012	ug/L	100
14) Carbon disulfide	2.790	76	205834	40.555	ug/L	100
15) Methyl Acetate	2.948	43	94148	41.839	ug/L	96
16) Methylene chloride	3.041	84	100736	44.846	ug/L	97
17) trans-1,2-Dichloroethene	3.350	96	81833	45.088	ug/L	94
18) Methyl tert-butyl Ether	3.363	73	282166	50.142	ug/L	98
19) 1,1-Dichloroethane	3.867	63	161063	45.997	ug/L	98
20) cis-1,2-Dichloroethene	4.665	96	97284	47.506	ug/L	94
22) 2-Butanone	4.703	43	155251	93.290	ug/L	95
23) Bromochloromethane	4.974	128	54198	51.218	ug/L	90
25) Chloroform	5.086	83	178385	50.003	ug/L	99

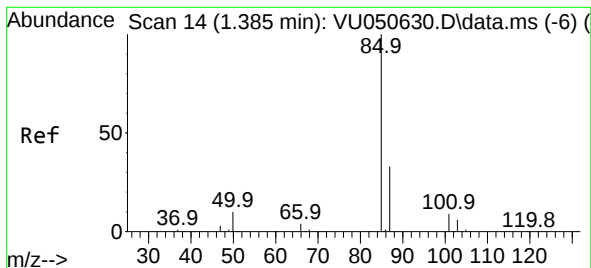
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.793	62	138026	52.201	ug/L	97
29) Cyclohexane	5.388	56	111543	38.220	ug/L	95
30) 1,1,1-Trichloroethane	5.314	97	143255	48.807	ug/L	99
31) Carbon tetrachloride	5.523	117	120190	49.980	ug/L	99
33) Benzene	5.774	78	382456	48.225	ug/L	100
34) Trichloroethene	6.543	95	85275	46.147	ug/L	97
35) Methylcyclohexane	6.764	83	114328	38.916	ug/L	97
37) 1,2-Dichloropropane	6.790	63	99195	47.352	ug/L #	98
38) Bromodichloromethane	7.105	83	130982	53.154	ug/L	99
39) cis-1,3-Dichloropropene	7.607	75	136569	48.164	ug/L	97
40) 4-Methyl-2-pentanone	7.793	43	274862	96.284	ug/L	99
42) Toluene	7.967	91	388217	48.191	ug/L	99
44) trans-1,3-Dichloropropene	8.208	75	131568	49.454	ug/L	99
45) 1,1,2-Trichloroethane	8.398	97	103041	51.204	ug/L	99
46) Tetrachloroethene	8.552	164	60745	45.006	ug/L	98
48) 2-Hexanone	8.684	43	249218	93.545	ug/L	98
49) Dibromochloromethane	8.809	129	104722	54.560	ug/L	97
50) 1,2-Dibromoethane	8.922	107	109214	53.365	ug/L	97
51) Chlorobenzene	9.446	112	236568	47.316	ug/L	98
52) Ethylbenzene	9.571	91	367477	46.176	ug/L	100
53) m,p-Xylene	9.694	106	145737	47.799	ug/L	99
54) o-Xylene	10.099	106	146935	48.405	ug/L	100
55) Styrene	10.115	104	249292	49.913	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.780	83	180299	50.300	ug/L	97
59) Bromoform	10.288	173	77512	51.390	ug/L	98
60) 1,2,3-Trichloropropane	10.822	75	140458	47.353	ug/L	99
61) Isopropylbenzene	10.485	105	343305	42.902	ug/L	99
62) 1,3,5-Trimethylbenzene	11.089	105	291863	42.663	ug/L	99
63) 1,2,4-Trimethylbenzene	11.468	105	284346	43.284	ug/L	99
64) 1,3-Dichlorobenzene	11.745	146	155407	44.138	ug/L	98
65) 1,4-Dichlorobenzene	11.835	146	153031	43.971	ug/L	99
67) 1,2-Dichlorobenzene	12.211	146	172796	46.080	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.996	75	37770	48.219	ug/L	98
69) 1,3,5-Trichlorobenzene	13.218	180	101077	39.557	ug/L	98
70) 1,2,4-trichlorobenzene	13.838	180	80920	37.295	ug/L	99
71) Naphthalene	14.086	128	286862	37.290	ug/L	99
72) 1,2,3-Trichlorobenzene	14.330	180	95087	40.470	ug/L	99

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



#2

Dichlorodifluoromethane

Concen: 40.751 ug/L

RT: 1.385 min Scan# 14

Delta R.T. 0.000 min

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MSVOA_U

ClientSampleId :

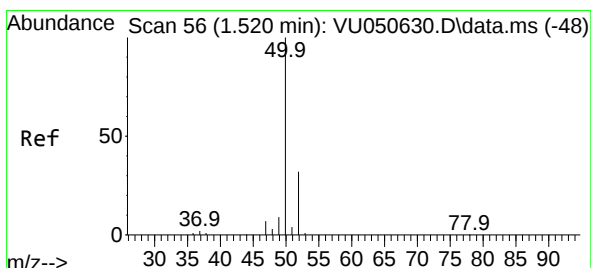
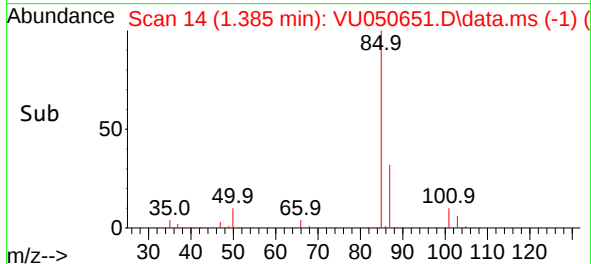
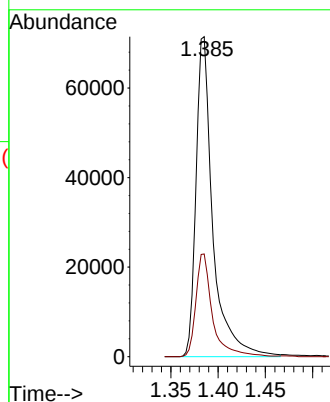
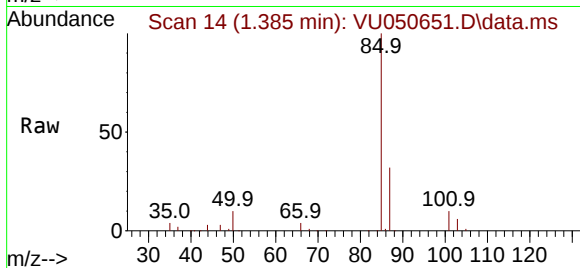
EW345MSD

Tgt Ion: 85 Resp: 88227

Ion Ratio Lower Upper

85 100

87 31.7 25.8 38.8



#3

Chloromethane

Concen: 35.553 ug/L

RT: 1.520 min Scan# 56

Delta R.T. 0.000 min

Lab File: VU050651.D

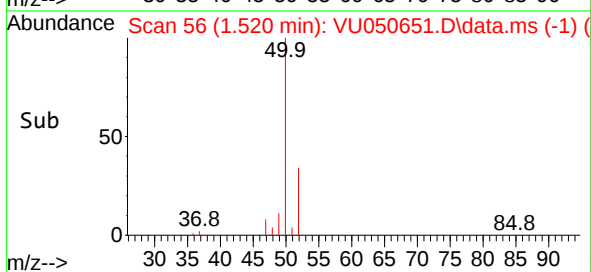
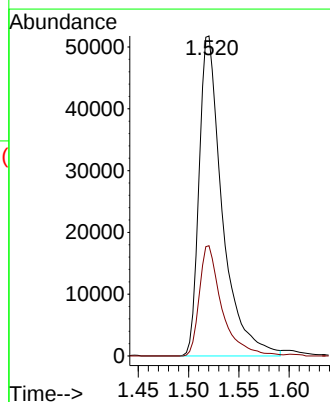
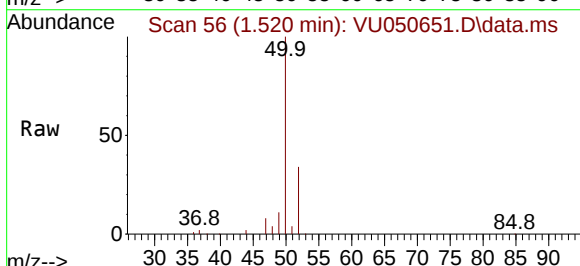
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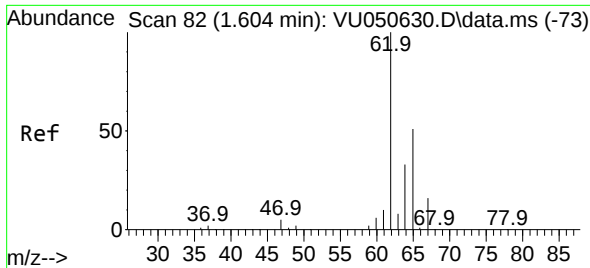
Tgt Ion: 50 Resp: 83169

Ion Ratio Lower Upper

50 100

52 34.4 23.7 43.9

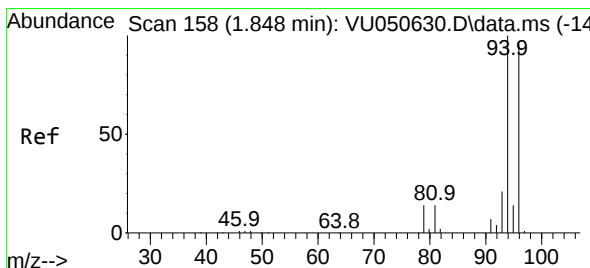
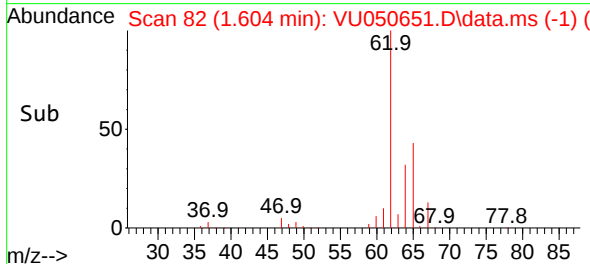
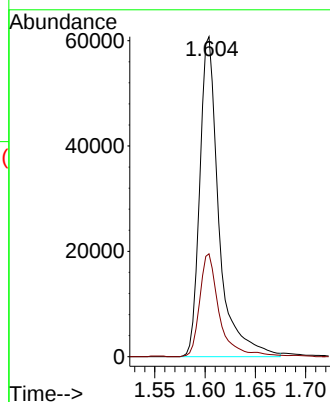
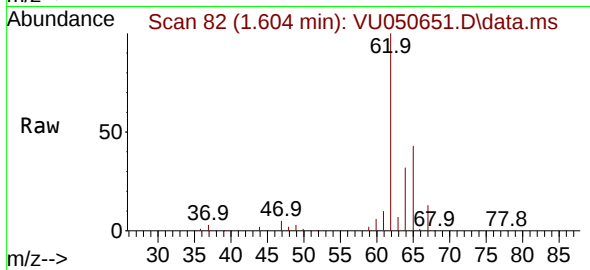




#5
 Vinyl chloride
 Concen: 36.642 ug/L
 RT: 1.604 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: VU050651.D
 Acq: 06 Sep 2022 22:04

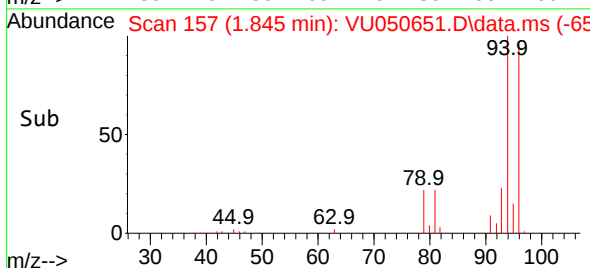
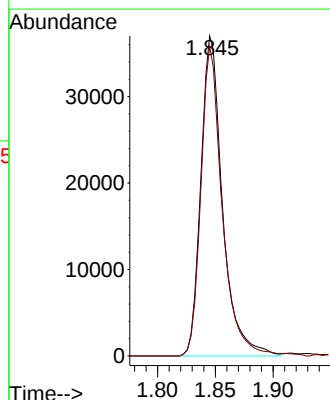
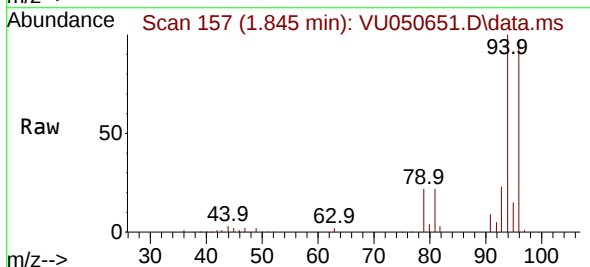
Instrument :
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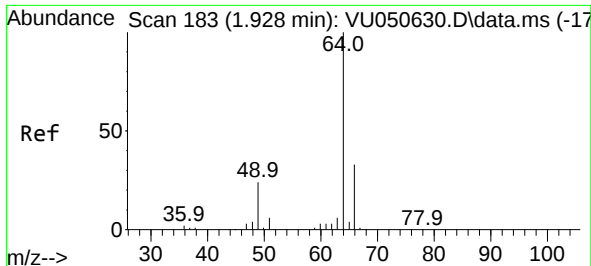
Tgt Ion: 62 Resp: 80759
 Ion Ratio Lower Upper
 62 100
 64 32.1 23.5 43.7



#6
 Bromomethane
 Concen: 43.514 ug/L
 RT: 1.845 min Scan# 157
 Delta R.T. -0.003 min
 Lab File: VU050651.D
 Acq: 06 Sep 2022 22:04

Tgt Ion: 94 Resp: 48367
 Ion Ratio Lower Upper
 94 100
 96 96.8 65.6 121.8

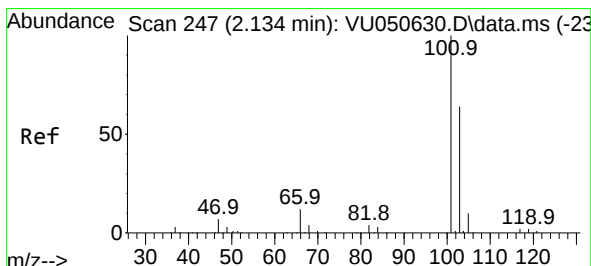
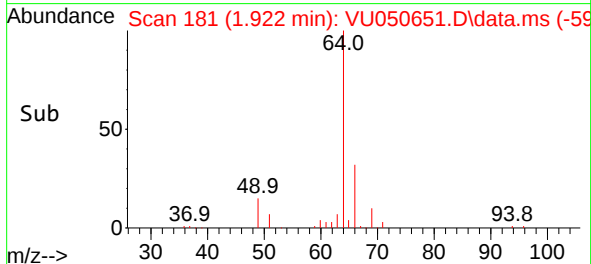
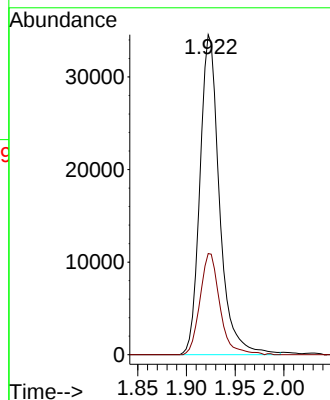
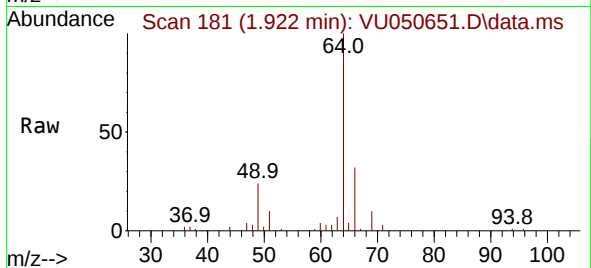




#8
Chloroethane
Concen: 41.299 ug/L
RT: 1.922 min Scan# 11
Delta R.T. -0.006 min
Lab File: VU050651.D
Acq: 06 Sep 2022 22:04

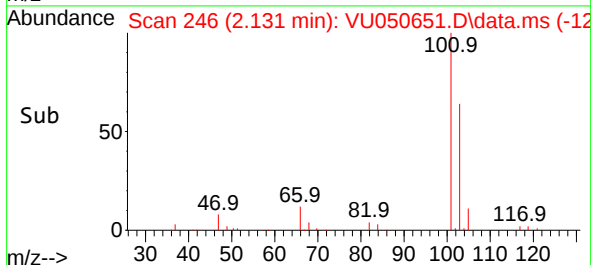
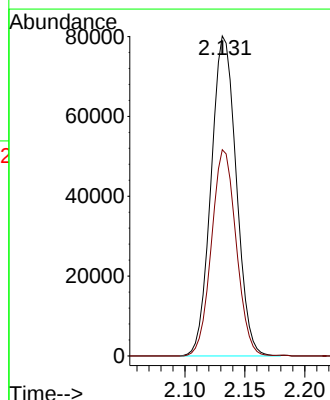
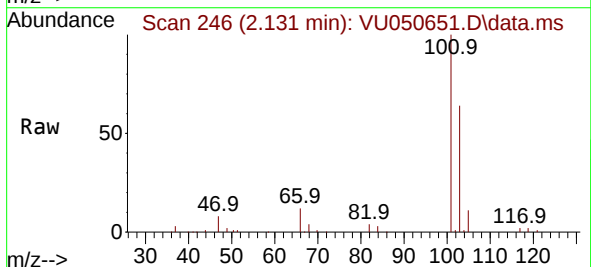
Instrument :
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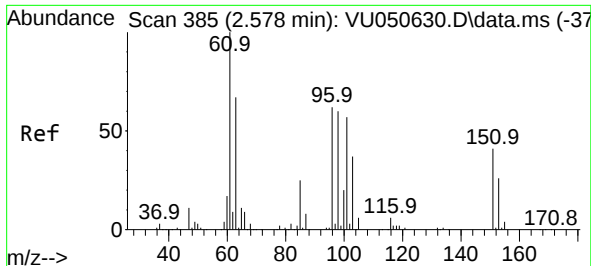
Tgt Ion: 64 Resp: 48346
Ion Ratio Lower Upper
64 100
66 31.6 21.9 40.7



#9
Trichlorofluoromethane
Concen: 43.521 ug/L
RT: 2.131 min Scan# 246
Delta R.T. -0.003 min
Lab File: VU050651.D
Acq: 06 Sep 2022 22:04

Tgt Ion:101 Resp: 116865
Ion Ratio Lower Upper
101 100
103 63.2 51.4 77.0





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 39.431 ug/L

RT: 2.578 min Scan# 385

Delta R.T. 0.000 min

Lab File: VU050651.D

Acq: 06 Sep 2022 22:04

Instrument :

MSVOA_U

ClientSampleId :

EW345MSD

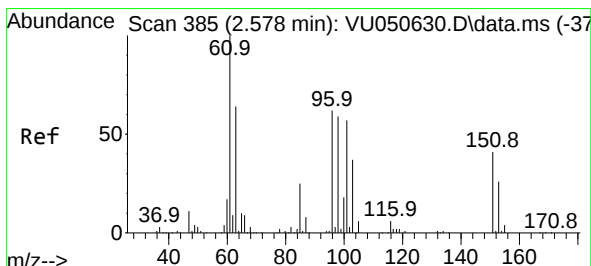
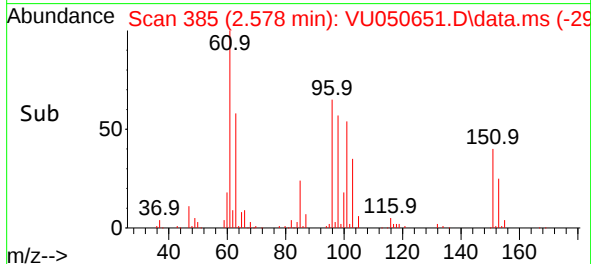
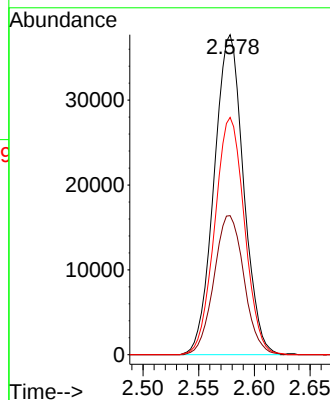
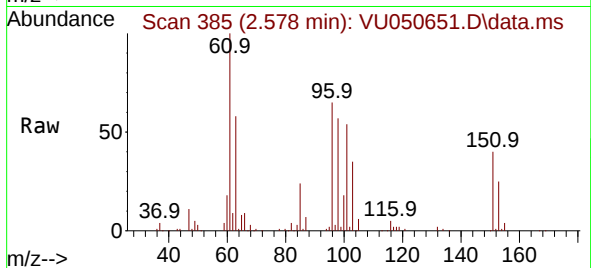
Tgt Ion:101 Resp: 69458

Ion Ratio Lower Upper

101 100

85 44.3 34.4 51.6

151 75.0 57.7 86.5



#12

1,1-Dichloroethene

Concen: 42.911 ug/L

RT: 2.575 min Scan# 384

Delta R.T. -0.003 min

Lab File: VU050651.D

Acq: 06 Sep 2022 22:04

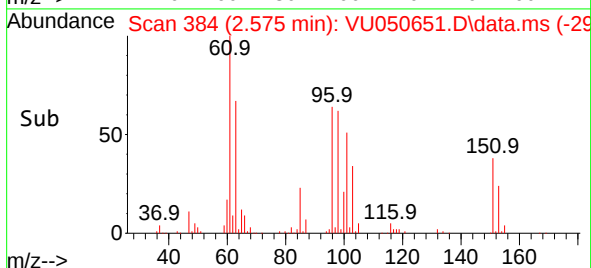
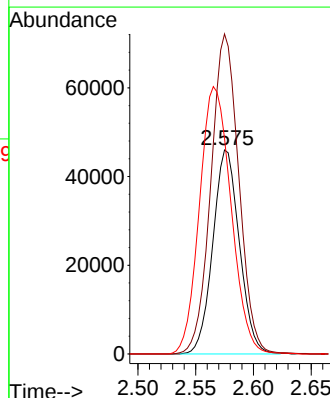
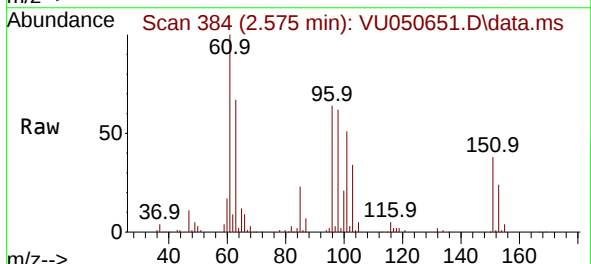
Tgt Ion: 96 Resp: 73444

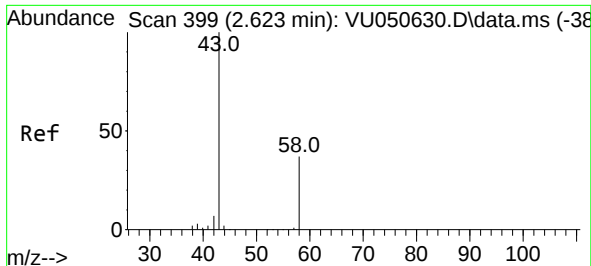
Ion Ratio Lower Upper

96 100

61 156.9 118.0 219.1

63 105.9 79.5 147.7





#13

Acetone

Concen: 91.012 ug/L

RT: 2.630 min Scan# 401

Delta R.T. 0.007 min

Lab File: VU050651.D

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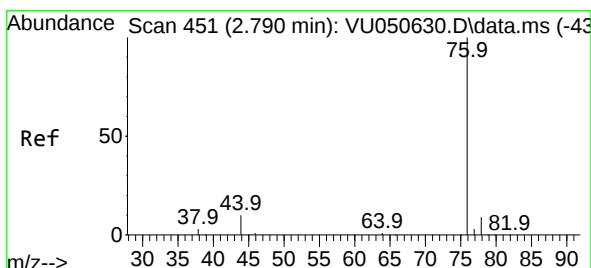
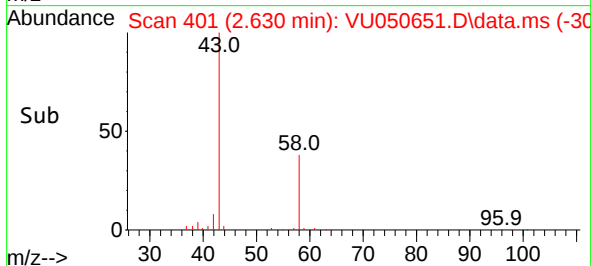
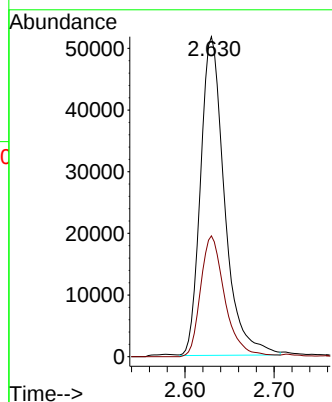
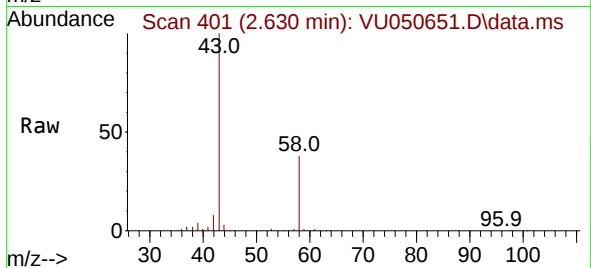
EW345MSD

Tgt Ion: 43 Resp: 96838

Ion Ratio Lower Upper

43 100

58 38.3 0.0 76.2



#14

Carbon disulfide

Concen: 40.555 ug/L

RT: 2.790 min Scan# 451

Delta R.T. 0.000 min

Lab File: VU050651.D

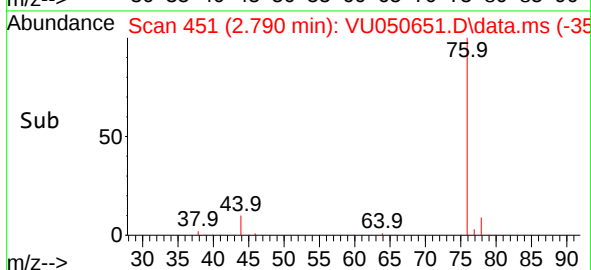
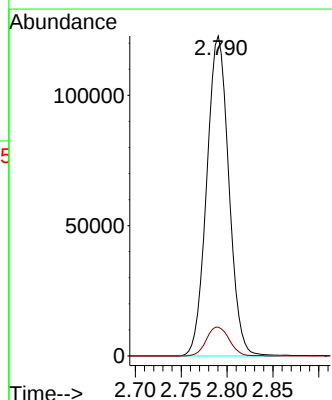
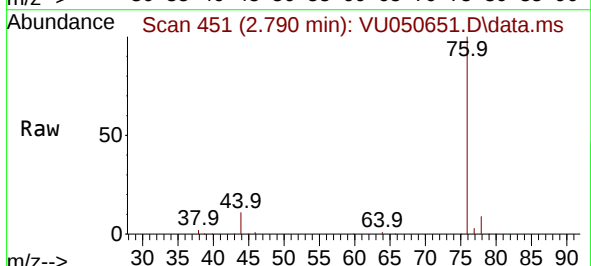
Acq: 06 Sep 2022 22:04

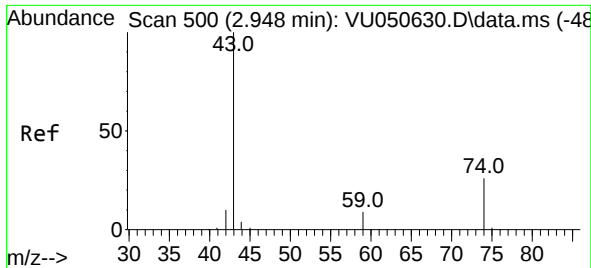
Tgt Ion: 76 Resp: 205834

Ion Ratio Lower Upper

76 100

78 9.0 7.3 10.9

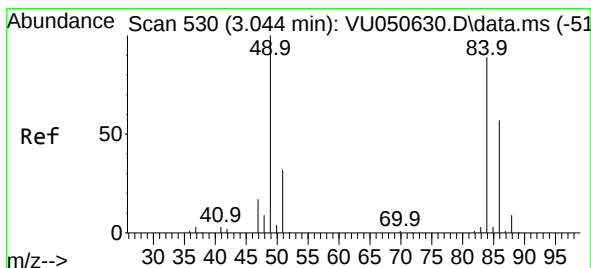
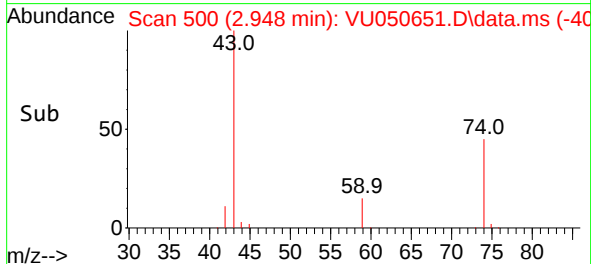
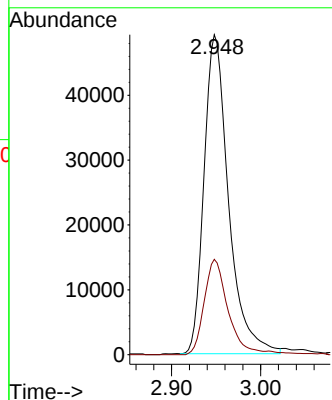
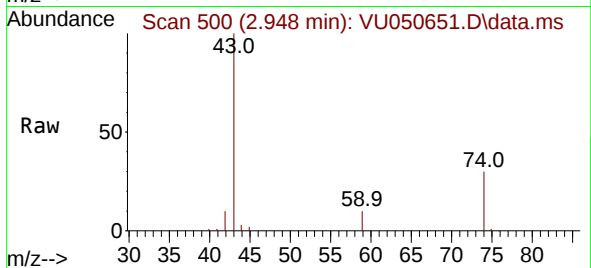




#15
Methyl Acetate
Concen: 41.839 ug/L
RT: 2.948 min Scan# 500
Delta R.T. 0.000 min
Lab File: VU050651.D
Acq: 06 Sep 2022 22:04

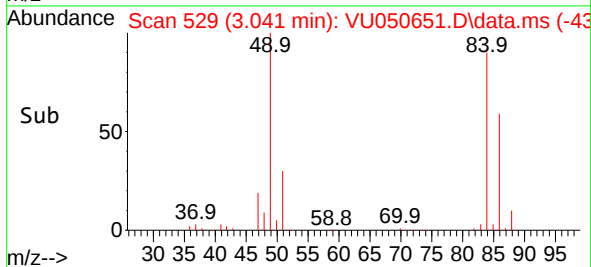
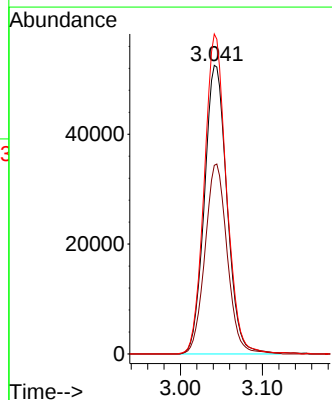
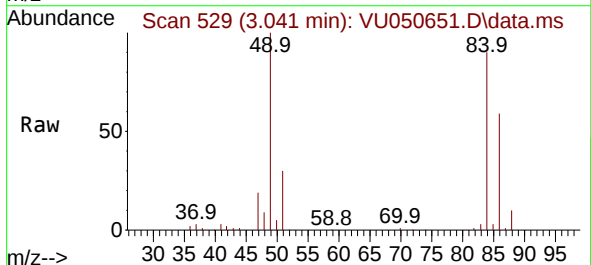
Instrument :
MSVOA_U
ClientSampleId :
EW345MSD

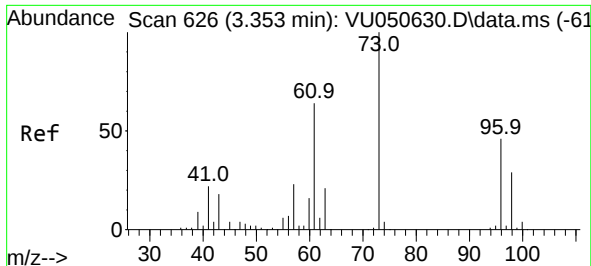
Tgt Ion: 43 Resp: 94148
Ion Ratio Lower Upper
43 100
74 28.5 21.2 31.8



#16
Methylene chloride
Concen: 44.846 ug/L
RT: 3.041 min Scan# 529
Delta R.T. -0.003 min
Lab File: VU050651.D
Acq: 06 Sep 2022 22:04

Tgt Ion: 84 Resp: 100736
Ion Ratio Lower Upper
84 100
86 65.4 44.8 83.2
49 110.9 80.6 149.8





#17

trans-1,2-Dichloroethene

Concen: 45.088 ug/L

RT: 3.350 min Scan# 61

Delta R.T. -0.003 min

Lab File: VU050651.D

Acq: 06 Sep 2022 22:04

Instrument :

MSVOA_U

ClientSampleId :

EW345MSD

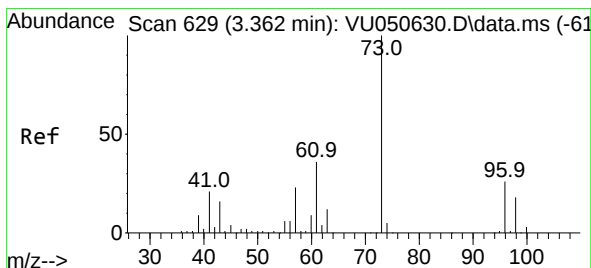
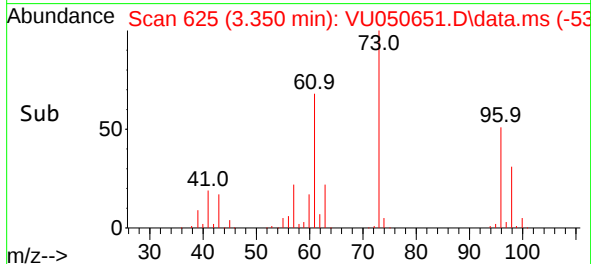
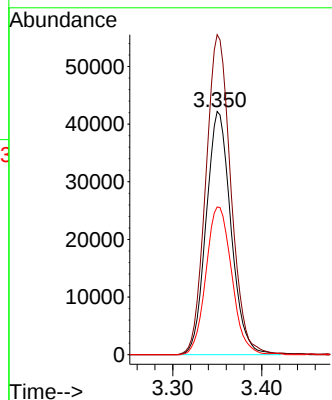
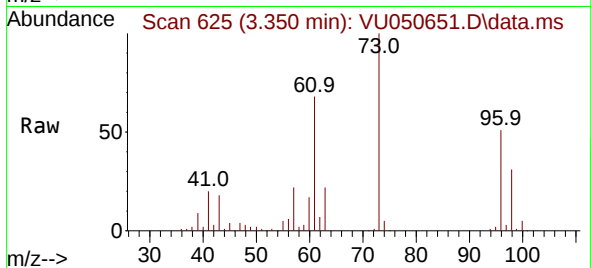
Tgt Ion: 96 Resp: 81833

Ion Ratio Lower Upper

96 100

61 131.6 97.9 181.7

98 60.7 44.8 83.2



#18

Methyl tert-butyl Ether

Concen: 50.142 ug/L

RT: 3.363 min Scan# 629

Delta R.T. 0.000 min

Lab File: VU050651.D

Acq: 06 Sep 2022 22:04

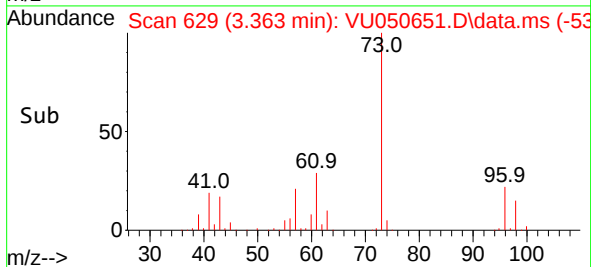
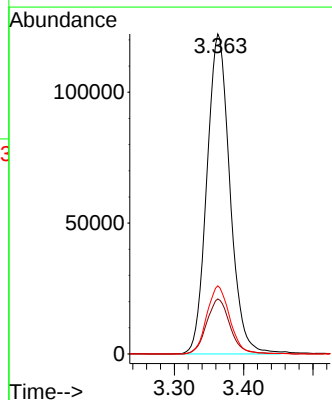
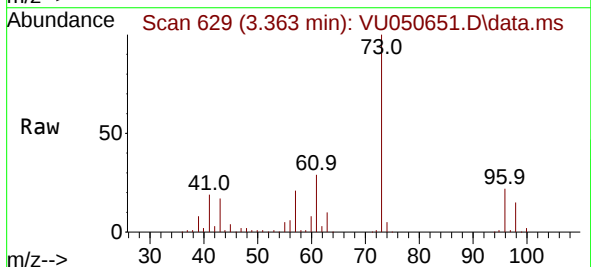
Tgt Ion: 73 Resp: 282166

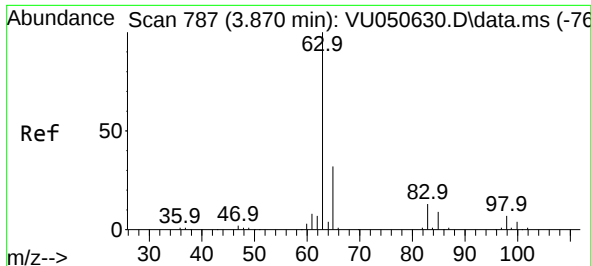
Ion Ratio Lower Upper

73 100

43 17.6 13.4 20.2

57 21.2 17.8 26.8





#19

1,1-Dichloroethane

Concen: 45.997 ug/L

RT: 3.867 min Scan# 71

Delta R.T. -0.003 min

Lab File: VU050651.D

Acq: 06 Sep 2022 22:04

Instrument :

MSVOA_U

ClientSampleId :

EW345MSD

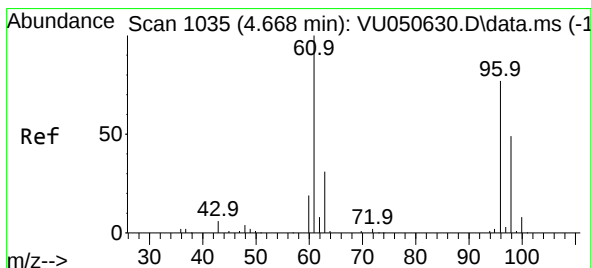
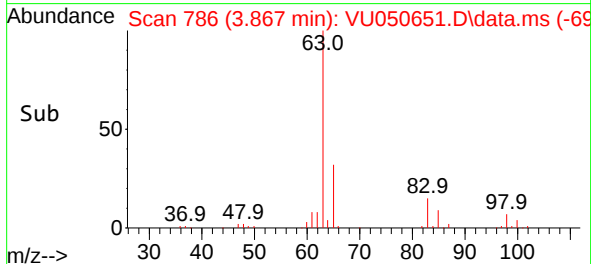
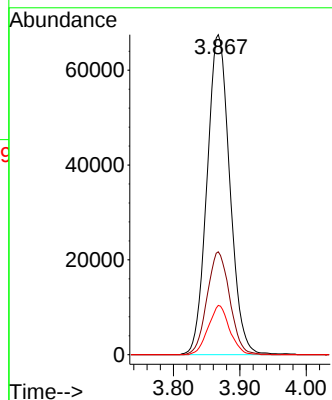
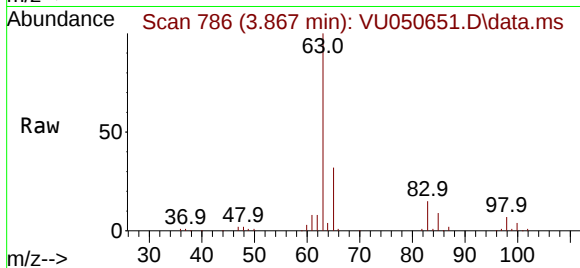
Tgt Ion: 63 Resp: 161063

Ion Ratio Lower Upper

63 100

65 32.2 22.4 41.6

83 15.4 9.5 17.7



#20

cis-1,2-Dichloroethene

Concen: 47.506 ug/L

RT: 4.665 min Scan# 1034

Delta R.T. -0.003 min

Lab File: VU050651.D

Acq: 06 Sep 2022 22:04

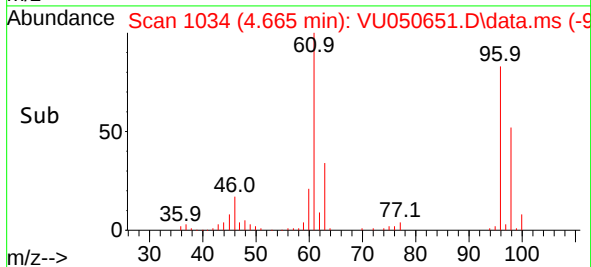
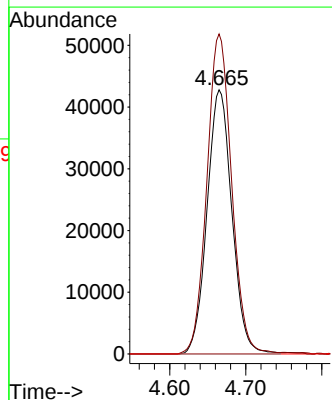
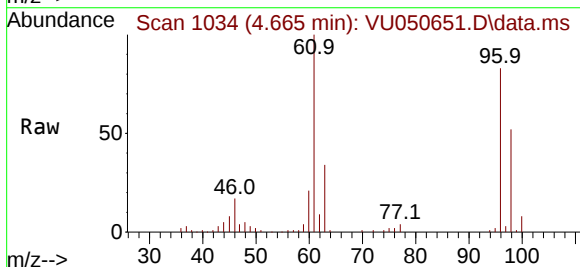
Tgt Ion: 96 Resp: 97284

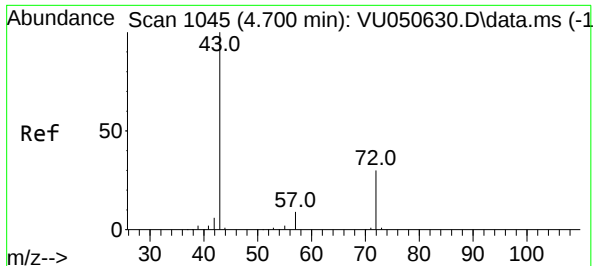
Ion Ratio Lower Upper

96 100

61 121.2 89.8 166.8

68 0.0 0.0 0.0





#22

2-Butanone

Concen: 93.290 ug/L

RT: 4.703 min Scan# 1045

Delta R.T. 0.003 min

Lab File: VU050651.D

Acq: 06 Sep 2022 22:04

Instrument :

MSVOA_U

ClientSampleId :

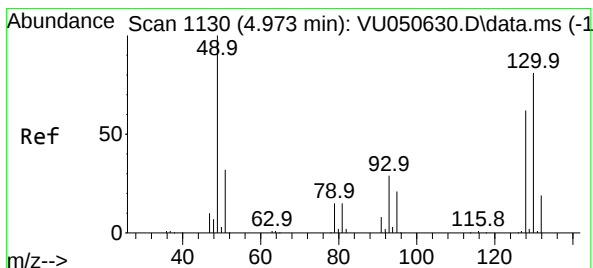
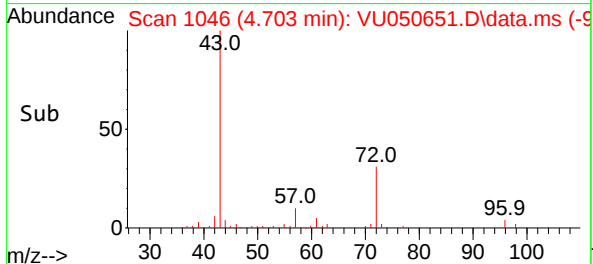
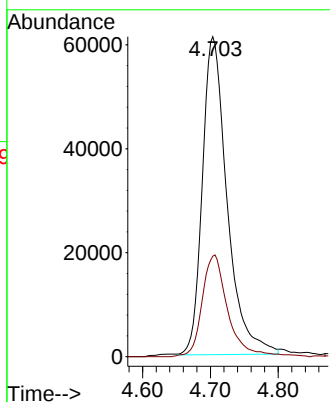
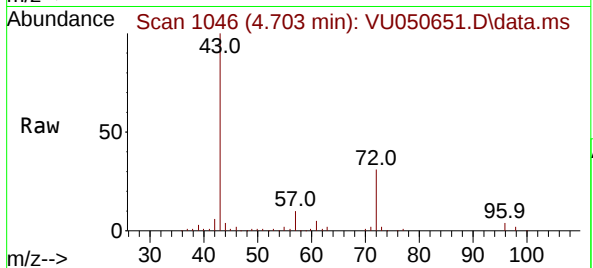
EW345MSD

Tgt Ion: 43 Resp: 155251

Ion Ratio Lower Upper

43 100

72 32.0 14.6 44.0



#23

Bromochloromethane

Concen: 51.218 ug/L

RT: 4.974 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VU050651.D

Acq: 06 Sep 2022 22:04

Tgt Ion:128 Resp: 54198

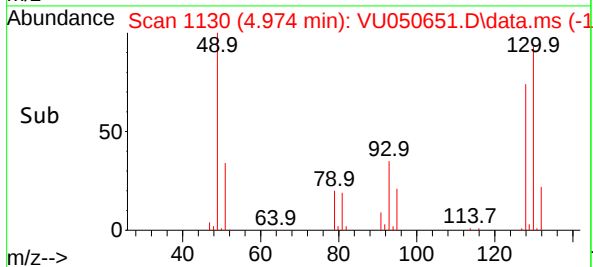
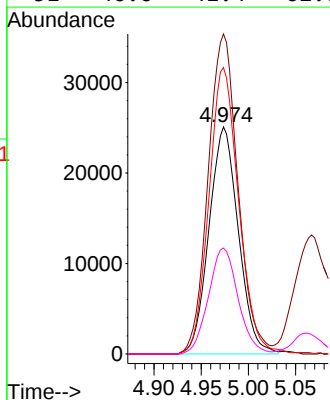
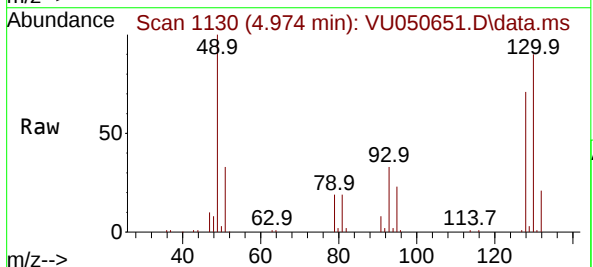
Ion Ratio Lower Upper

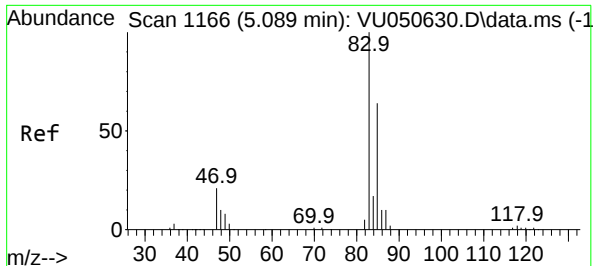
128 100

49 140.9 112.5 208.9

130 126.1 91.8 170.4

51 46.6 41.4 62.0





#25

Chloroform

Concen: 50.003 ug/L

RT: 5.086 min Scan# 1165

Delta R.T. -0.003 min

Lab File: VU050651.D

Acq: 06 Sep 2022 22:04

Instrument :

MSVOA_U

ClientSampleId :

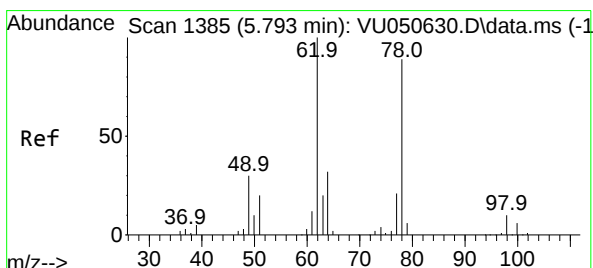
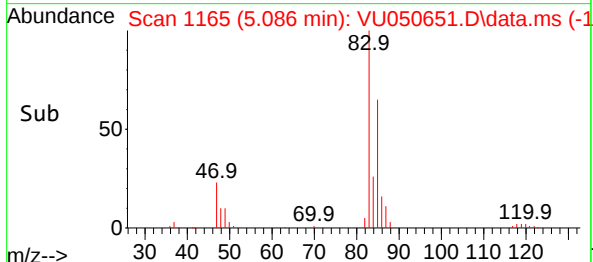
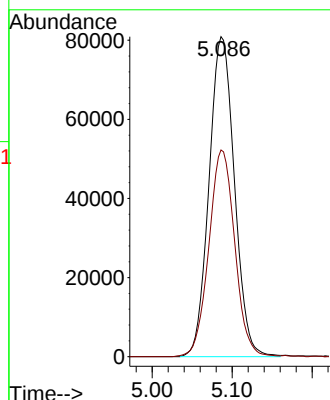
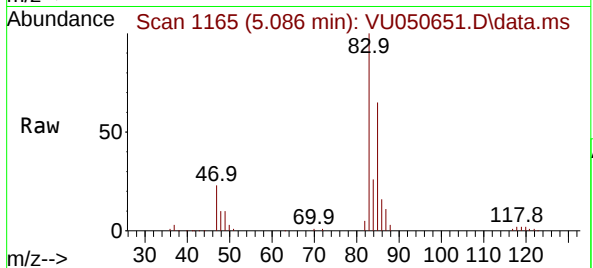
EW345MSD

Tgt Ion: 83 Resp: 178385

Ion Ratio Lower Upper

83 100

85 64.6 45.6 84.8



#27

1,2-Dichloroethane

Concen: 52.201 ug/L

RT: 5.793 min Scan# 1385

Delta R.T. 0.000 min

Lab File: VU050651.D

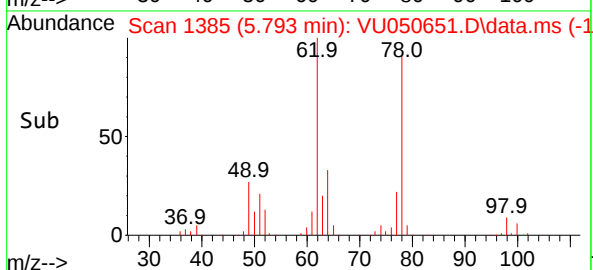
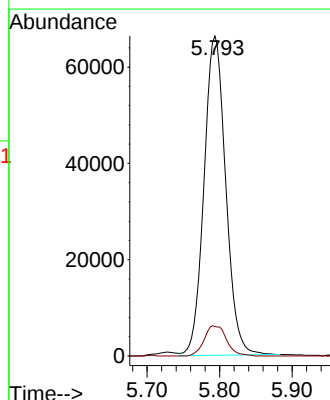
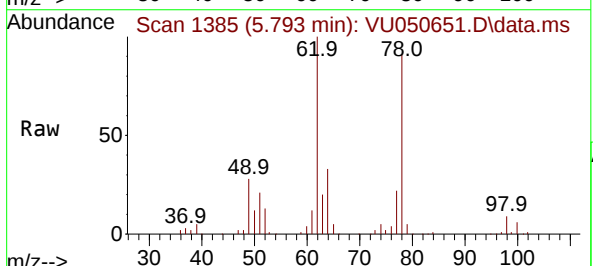
Acq: 06 Sep 2022 22:04

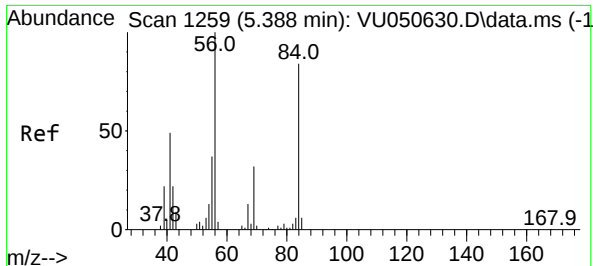
Tgt Ion: 62 Resp: 138026

Ion Ratio Lower Upper

62 100

98 9.2 8.2 12.2





#29

Cyclohexane

Concen: 38.220 ug/L

RT: 5.388 min Scan# 1115

Delta R.T. 0.000 min

Lab File: VU050651.D

Acq: 06 Sep 2022 22:04

Instrument :

MSVOA_U

ClientSampleId :

EW345MSD

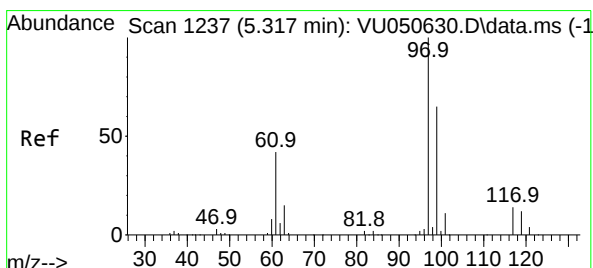
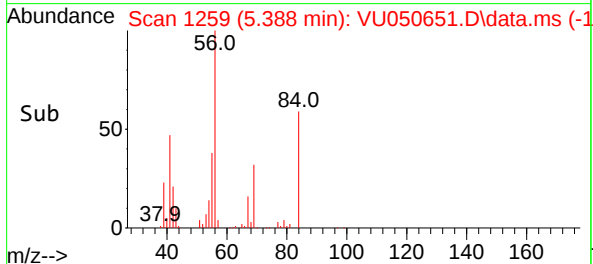
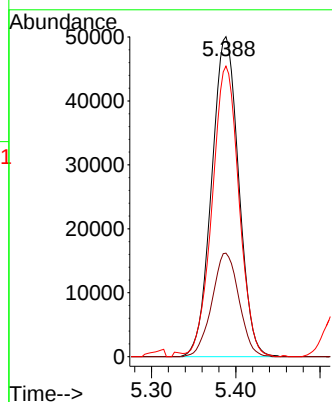
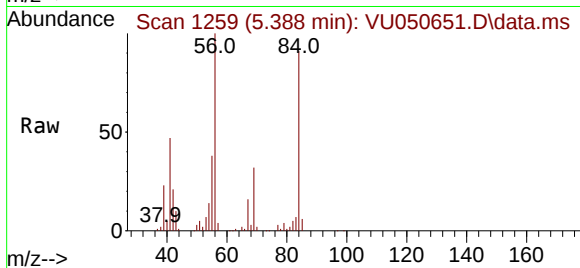
Tgt Ion: 56 Resp: 111543

Ion Ratio Lower Upper

56 100

69 32.3 24.6 37.0

84 90.0 67.4 101.2



#30

1,1,1-Trichloroethane

Concen: 48.807 ug/L

RT: 5.314 min Scan# 1236

Delta R.T. -0.003 min

Lab File: VU050651.D

Acq: 06 Sep 2022 22:04

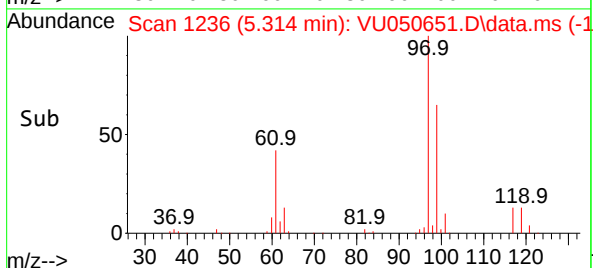
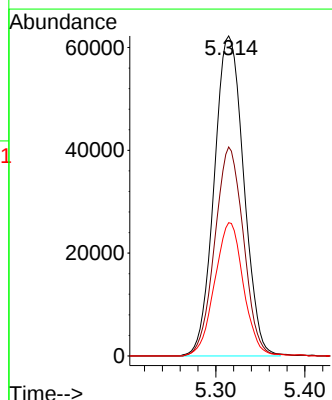
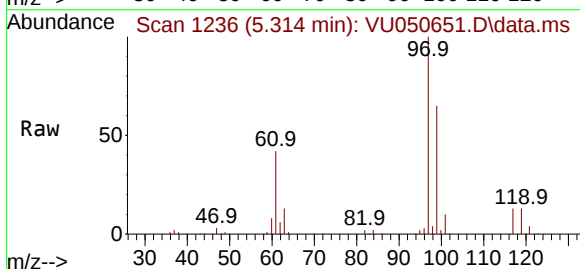
Tgt Ion: 97 Resp: 143255

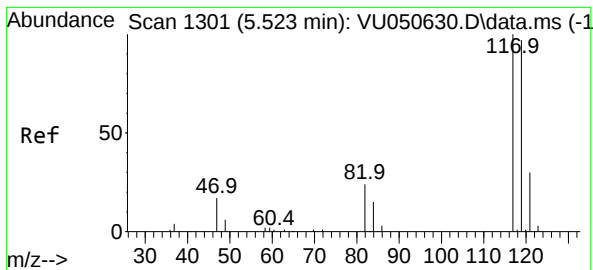
Ion Ratio Lower Upper

97 100

99 63.7 51.2 76.8

61 40.8 34.2 51.4

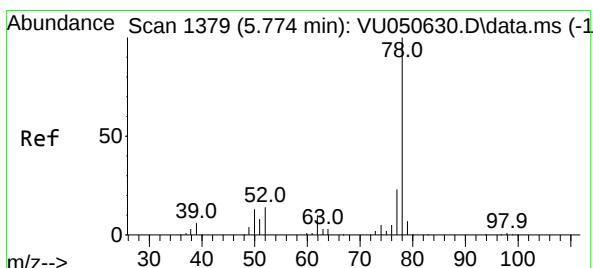
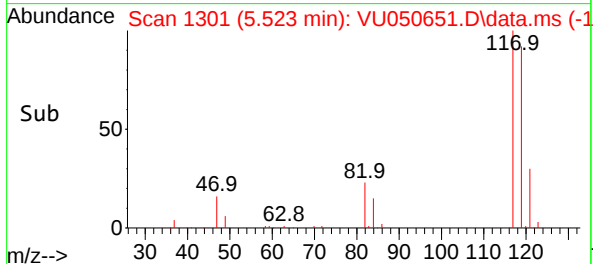
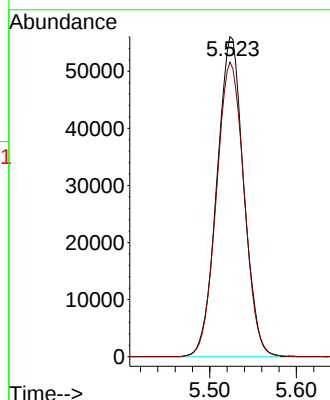
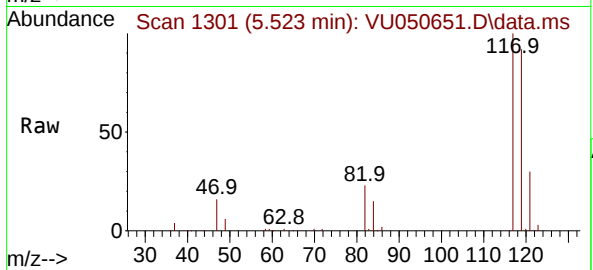




#31
Carbon tetrachloride
Concen: 49.980 ug/L
RT: 5.523 min Scan# 117
Delta R.T. 0.000 min
Lab File: VU050651.D
Acq: 06 Sep 2022 22:04

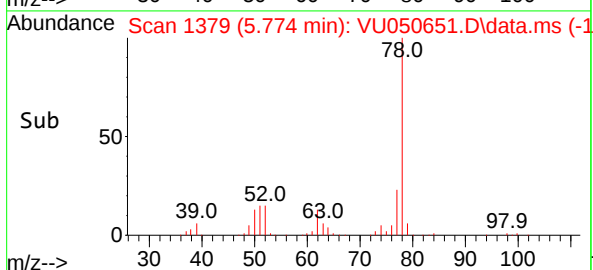
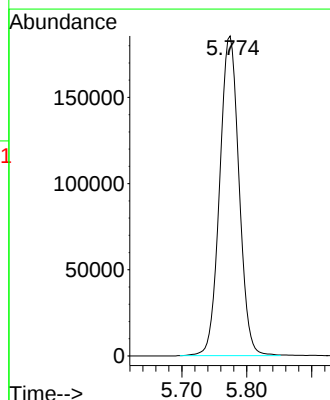
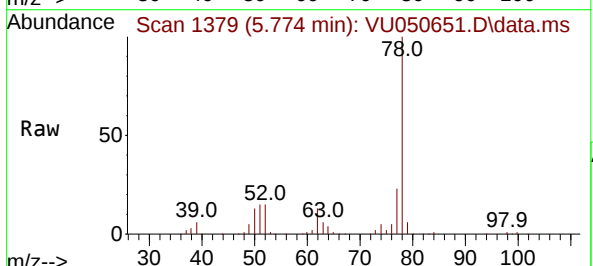
Instrument :
MSVOA_U
ClientSampleId :
EW345MSD

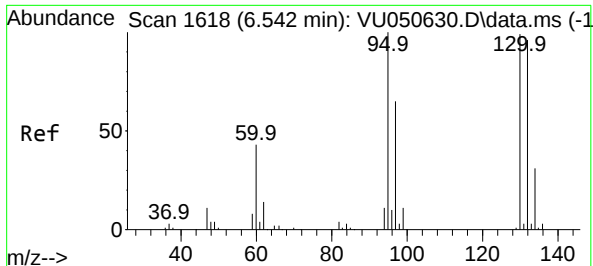
Tgt Ion:117 Resp: 120190
Ion Ratio Lower Upper
117 100
119 95.3 77.4 116.2



#33
Benzene
Concen: 48.225 ug/L
RT: 5.774 min Scan# 1379
Delta R.T. 0.000 min
Lab File: VU050651.D
Acq: 06 Sep 2022 22:04

Tgt Ion: 78 Resp: 382456

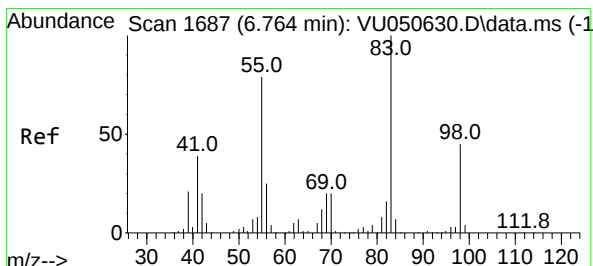
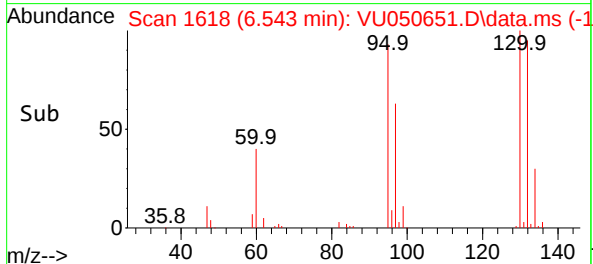
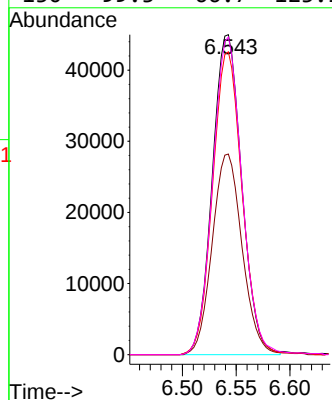
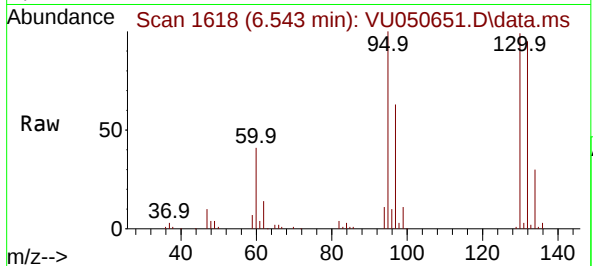




#34
Trichloroethene
Concen: 46.147 ug/L
RT: 6.543 min Scan# 1618
Delta R.T. 0.000 min
Lab File: VU050651.D
Acq: 06 Sep 2022 22:04

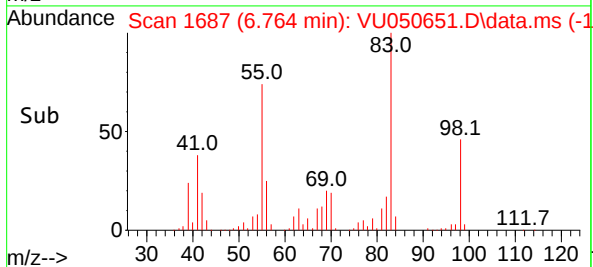
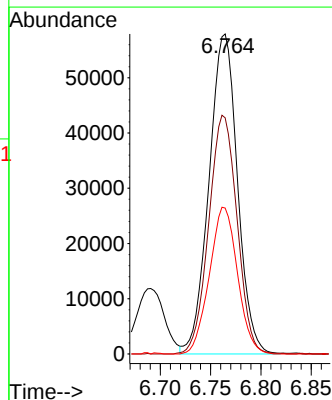
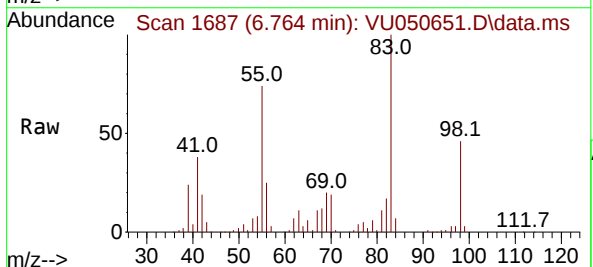
Instrument :
MSVOA_U
ClientSampleId :
EW345MSD

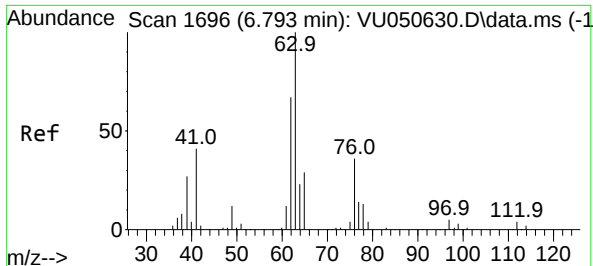
Tgt Ion: 95 Resp: 85275
Ion Ratio Lower Upper
95 100
97 62.7 45.4 84.2
132 94.7 65.2 121.2
130 99.3 66.7 123.9



#35
Methylcyclohexane
Concen: 38.916 ug/L
RT: 6.764 min Scan# 1687
Delta R.T. 0.000 min
Lab File: VU050651.D
Acq: 06 Sep 2022 22:04

Tgt Ion: 83 Resp: 114328
Ion Ratio Lower Upper
83 100
55 74.0 62.6 93.8
98 45.2 35.5 53.3





#37

1,2-Dichloropropane

Concen: 47.352 ug/L

RT: 6.790 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU050651.D

Acq: 06 Sep 2022 22:04

Instrument :

MSVOA_U

ClientSampleId :

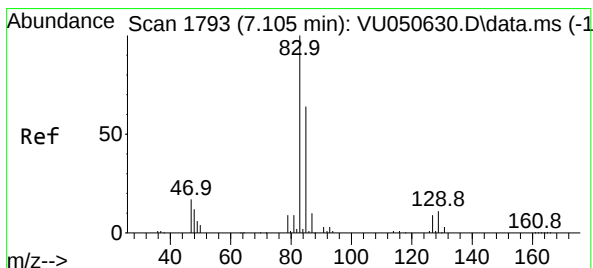
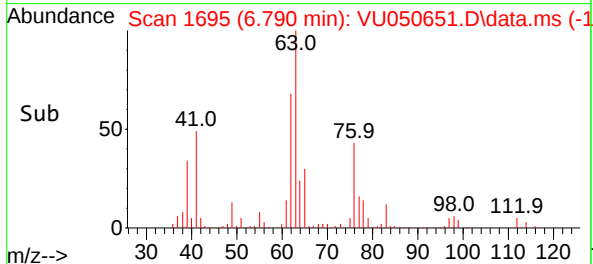
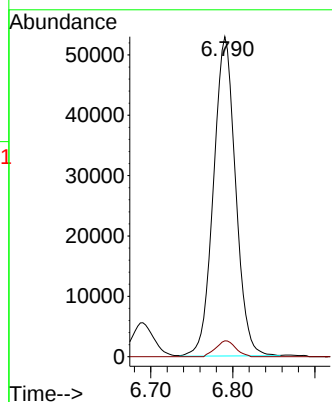
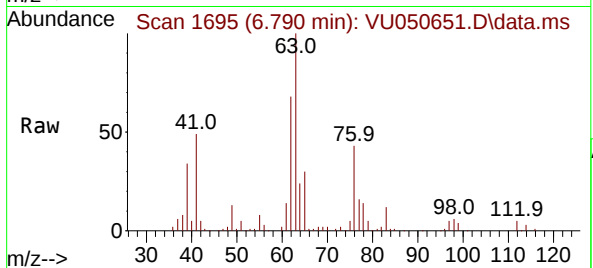
EW345MSD

Tgt Ion: 63 Resp: 99195

Ion Ratio Lower Upper

63 100

112 4.5 3.0 4.4#



#38

Bromodichloromethane

Concen: 53.154 ug/L

RT: 7.105 min Scan# 1793

Delta R.T. 0.000 min

Lab File: VU050651.D

Acq: 06 Sep 2022 22:04

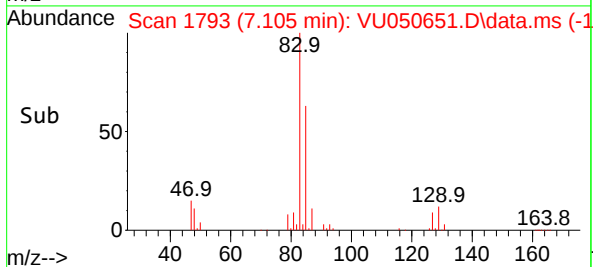
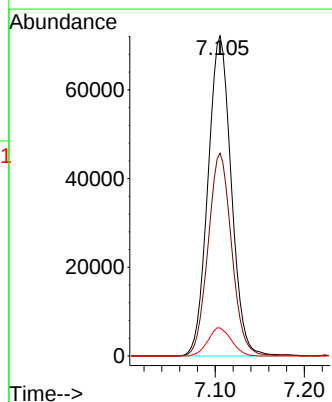
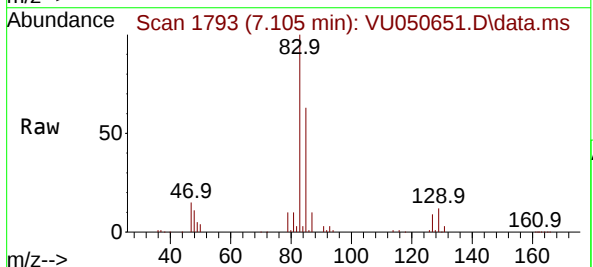
Tgt Ion: 83 Resp: 130982

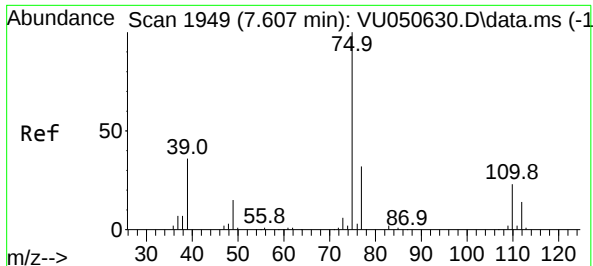
Ion Ratio Lower Upper

83 100

85 63.4 44.9 83.5

127 8.8 6.6 10.0





#39

cis-1,3-Dichloropropene

Concen: 48.164 ug/L

RT: 7.607 min Scan# 1949

Delta R.T. 0.000 min

Lab File: VU050651.D

Acq: 06 Sep 2022 22:04

Instrument :

MSVOA_U

ClientSampleId :

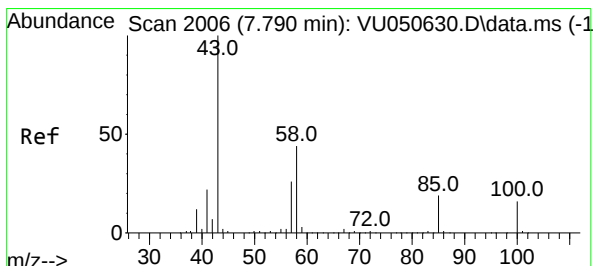
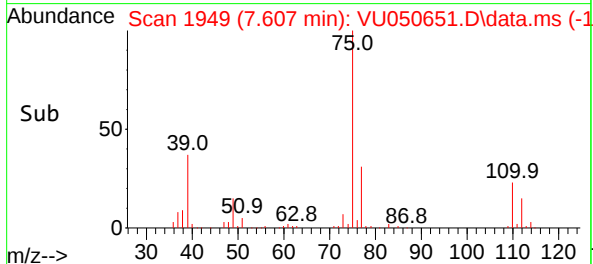
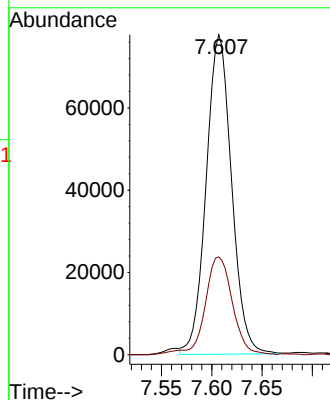
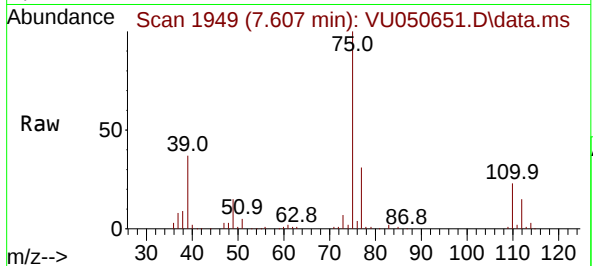
EW345MSD

Tgt Ion: 75 Resp: 136569

Ion Ratio Lower Upper

75 100

77 30.5 22.5 41.7



#40

4-Methyl-2-pentanone

Concen: 96.284 ug/L

RT: 7.793 min Scan# 2007

Delta R.T. 0.003 min

Lab File: VU050651.D

Acq: 06 Sep 2022 22:04

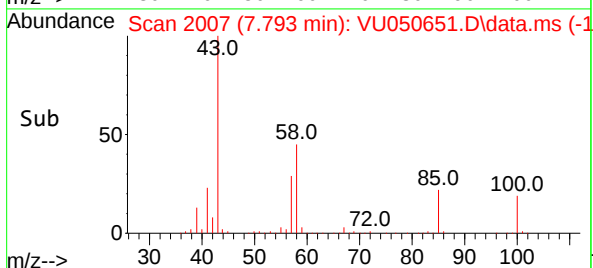
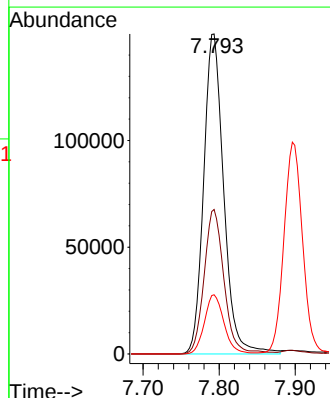
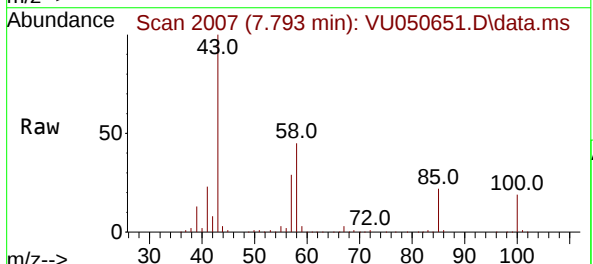
Tgt Ion: 43 Resp: 274862

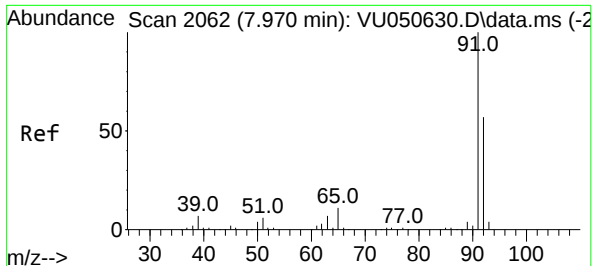
Ion Ratio Lower Upper

43 100

58 44.1 35.1 52.7

100 18.0 12.9 19.3





#42

Toluene

Concen: 48.191 ug/L

RT: 7.967 min Scan# 2062

Delta R.T. -0.003 min

Lab File: VU050651.D

Acq: 06 Sep 2022 22:04

Instrument :

MSVOA_U

ClientSampleId :

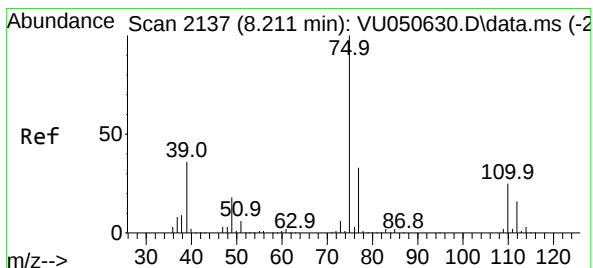
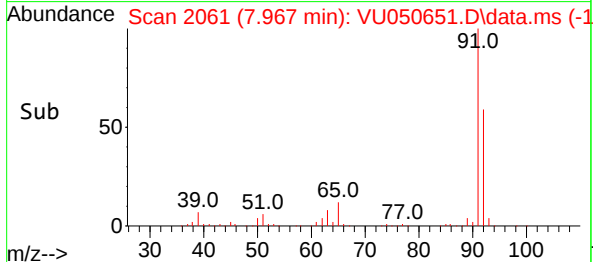
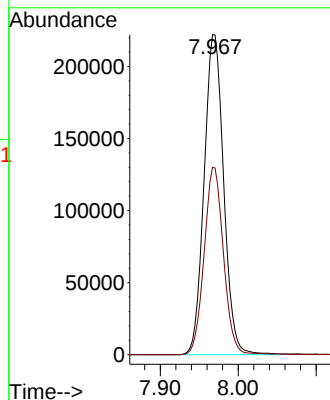
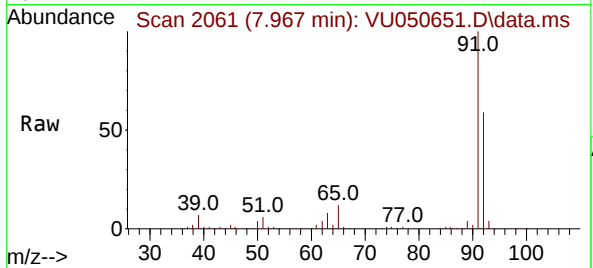
EW345MSD

Tgt Ion: 91 Resp: 388217

Ion Ratio Lower Upper

91 100

92 58.6 40.5 75.3



#44

trans-1,3-Dichloropropene

Concen: 49.454 ug/L

RT: 8.208 min Scan# 2136

Delta R.T. -0.003 min

Lab File: VU050651.D

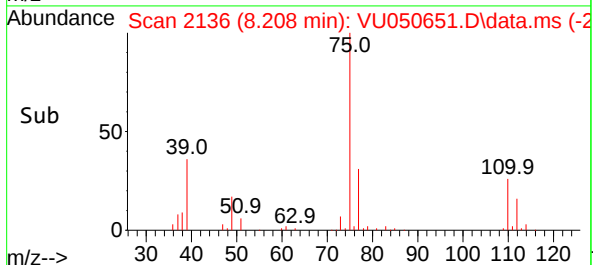
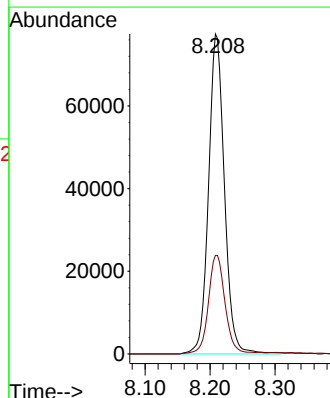
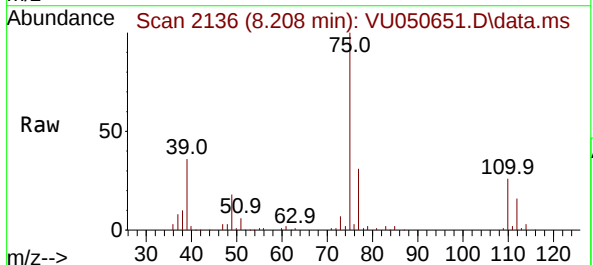
Acq: 06 Sep 2022 22:04

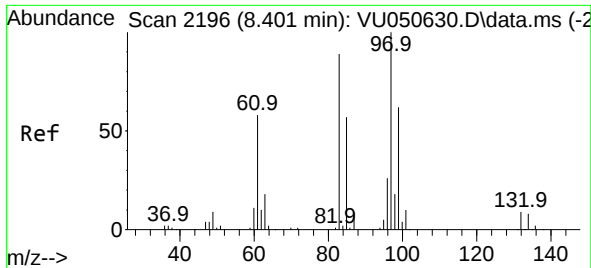
Tgt Ion: 75 Resp: 131568

Ion Ratio Lower Upper

75 100

77 30.8 22.1 41.1

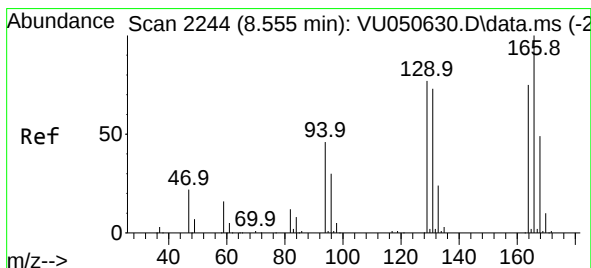
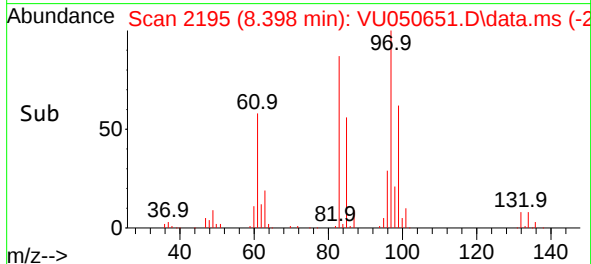
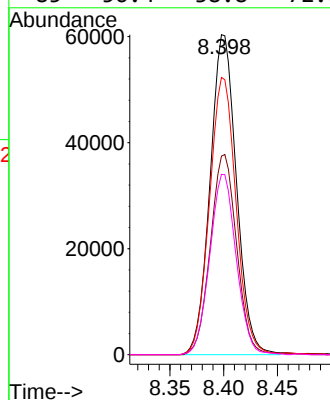
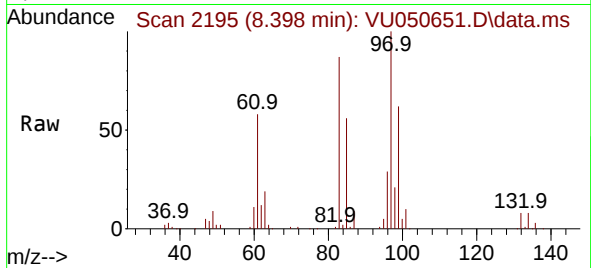




#45
1,1,2-Trichloroethane
Concen: 51.204 ug/L
RT: 8.398 min Scan# 2195
Delta R.T. -0.003 min
Lab File: VU050651.D
Acq: 06 Sep 2022 22:04

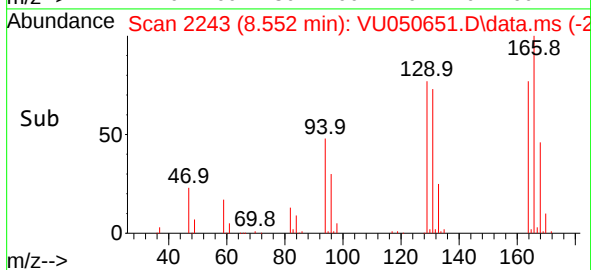
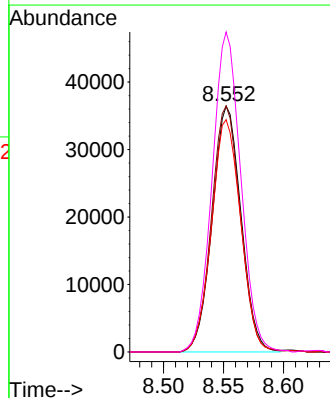
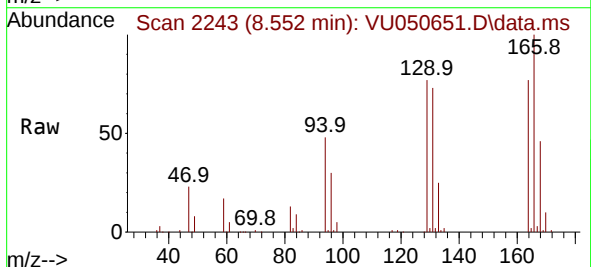
Instrument :
MSVOA_U
ClientSampleId :
EW345MSD

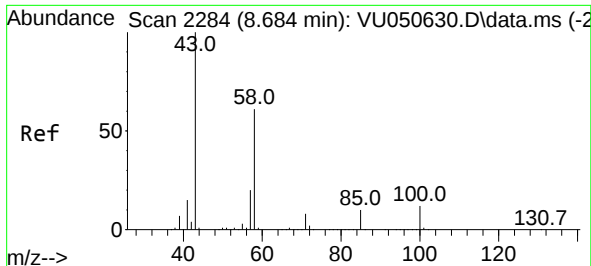
Tgt Ion:	97	Resp:	103041
Ion	Ratio	Lower	Upper
97	100		
99	62.1	43.5	80.9
83	86.6	61.6	114.4
85	56.4	38.8	72.0



#46
Tetrachloroethene
Concen: 45.006 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. -0.003 min
Lab File: VU050651.D
Acq: 06 Sep 2022 22:04

Tgt Ion:	164	Resp:	60745
Ion	Ratio	Lower	Upper
164	100		
129	100.0	68.7	127.5
131	94.5	66.2	123.0
166	130.1	87.7	162.9

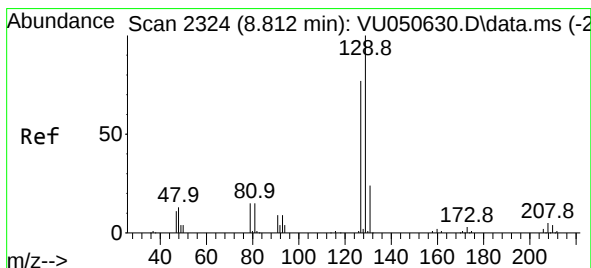
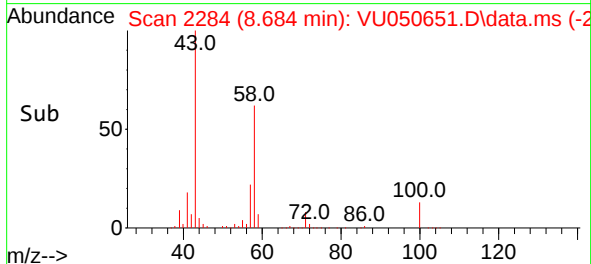
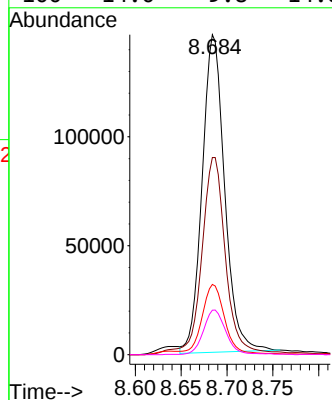
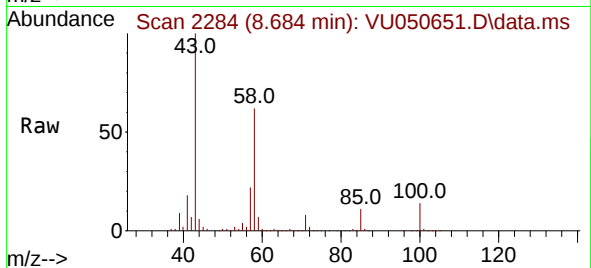




#48
2-Hexanone
Concen: 93.545 ug/L
RT: 8.684 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU050651.D
Acq: 06 Sep 2022 22:04

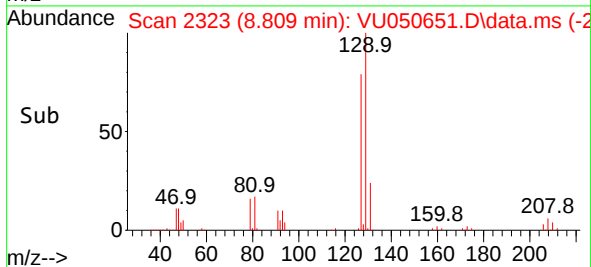
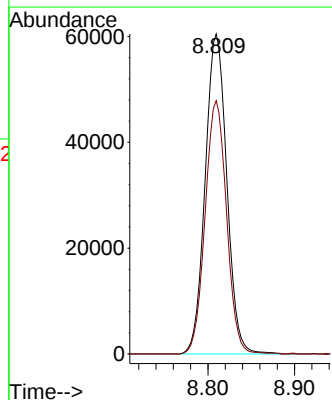
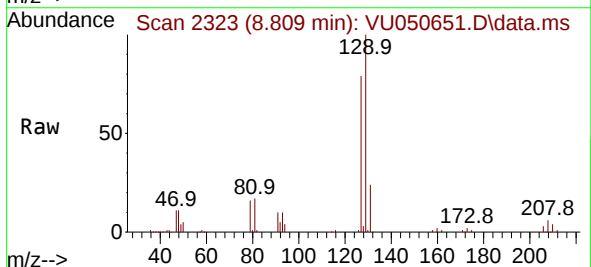
Instrument :
MSVOA_U
ClientSampleId :
EW345MSD

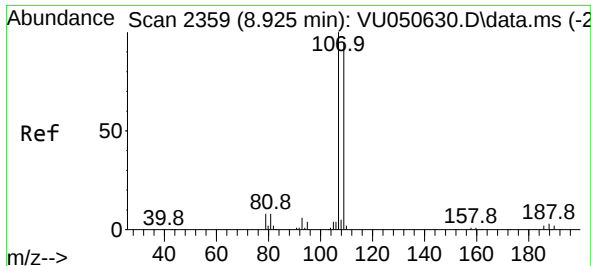
Tgt Ion: 43 Resp: 249218
Ion Ratio Lower Upper
43 100
58 65.7 51.8 77.6
57 21.6 17.0 25.4
100 14.0 9.8 14.8



#49
Dibromochloromethane
Concen: 54.560 ug/L
RT: 8.809 min Scan# 2323
Delta R.T. -0.003 min
Lab File: VU050651.D
Acq: 06 Sep 2022 22:04

Tgt Ion: 129 Resp: 104722
Ion Ratio Lower Upper
129 100
127 79.1 53.8 100.0

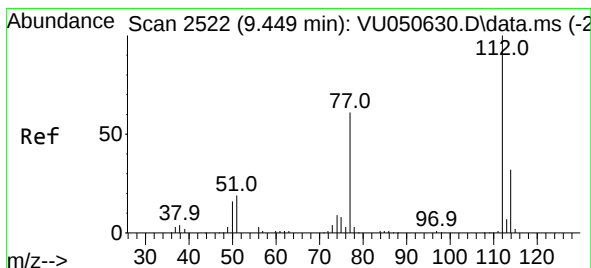
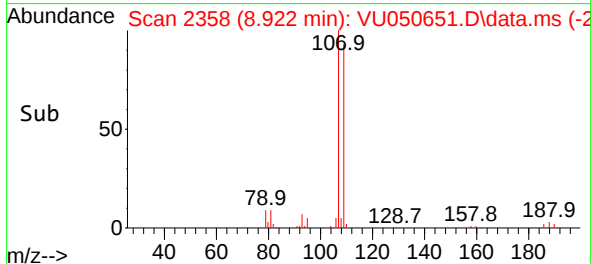
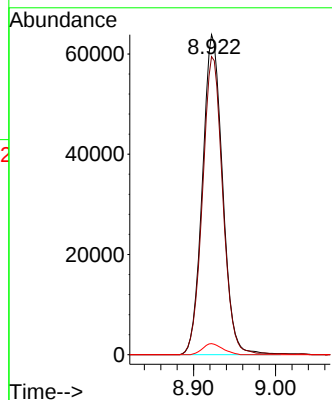
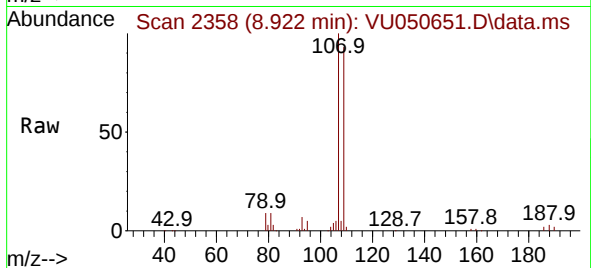




#50
1,2-Dibromoethane
Concen: 53.365 ug/L
RT: 8.922 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU050651.D
Acq: 06 Sep 2022 22:04

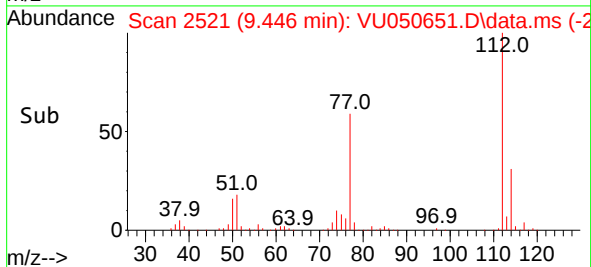
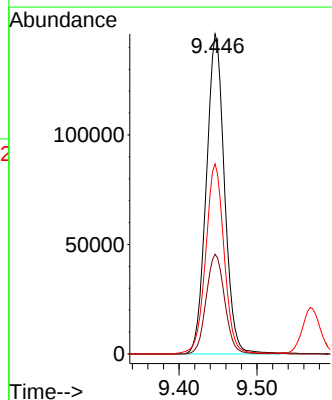
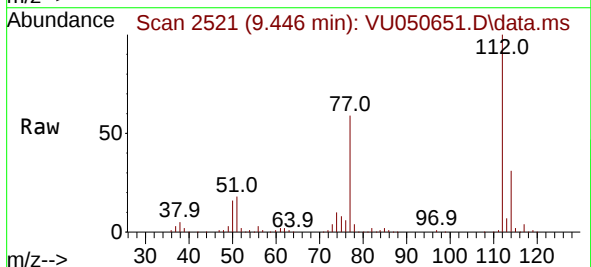
Instrument :
MSVOA_U
ClientSampleId :
EW345MSD

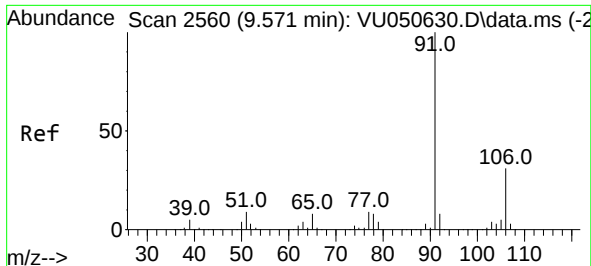
Tgt Ion:107 Resp: 109214
Ion Ratio Lower Upper
107 100
109 93.1 67.5 125.4
188 3.5 2.5 3.7



#51
Chlorobenzene
Concen: 47.316 ug/L
RT: 9.446 min Scan# 2521
Delta R.T. -0.003 min
Lab File: VU050651.D
Acq: 06 Sep 2022 22:04

Tgt Ion:112 Resp: 236568
Ion Ratio Lower Upper
112 100
114 31.1 22.1 41.1
77 59.4 49.2 73.8





#52

Ethylbenzene

Concen: 46.176 ug/L

RT: 9.571 min Scan# 2560

Delta R.T. 0.000 min

Lab File: VU050651.D

Acq: 06 Sep 2022 22:04

Instrument :

MSVOA_U

ClientSampleId :

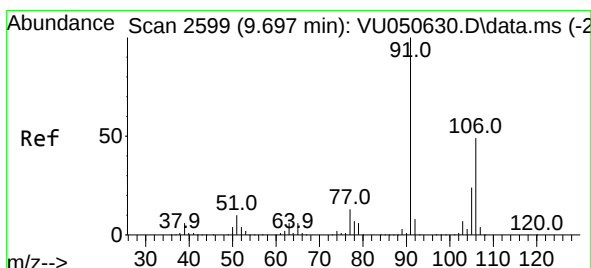
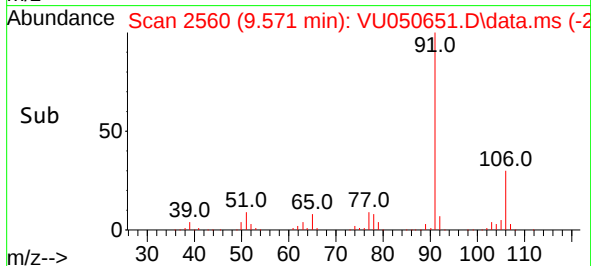
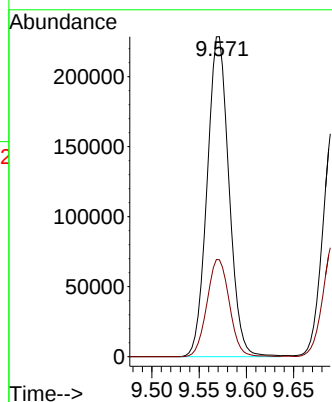
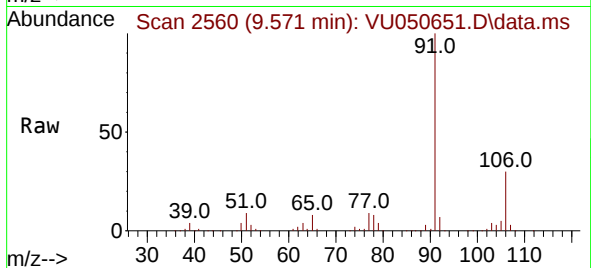
EW345MSD

Tgt Ion: 91 Resp: 367477

Ion Ratio Lower Upper

91 100

106 30.3 21.2 39.4



#53

m,p-Xylene

Concen: 47.799 ug/L

RT: 9.694 min Scan# 2598

Delta R.T. -0.003 min

Lab File: VU050651.D

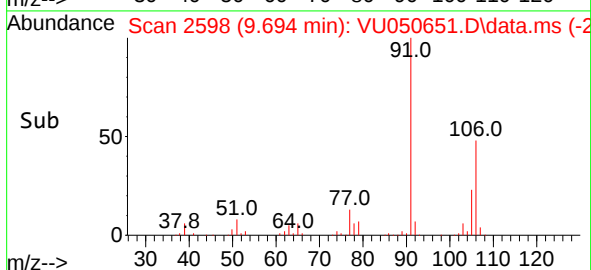
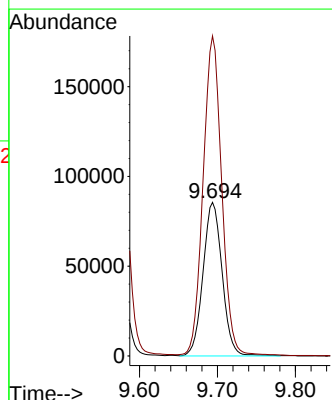
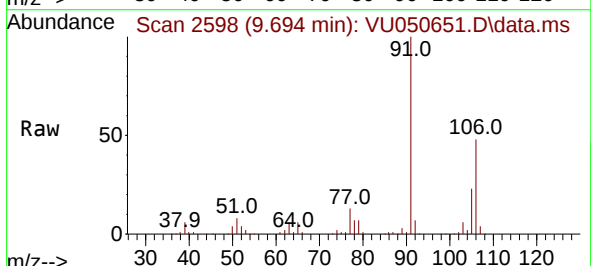
Acq: 06 Sep 2022 22:04

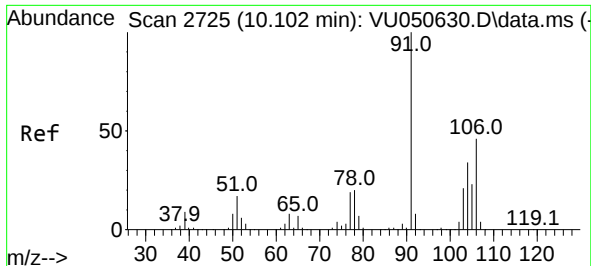
Tgt Ion: 106 Resp: 145737

Ion Ratio Lower Upper

106 100

91 208.4 147.1 273.3

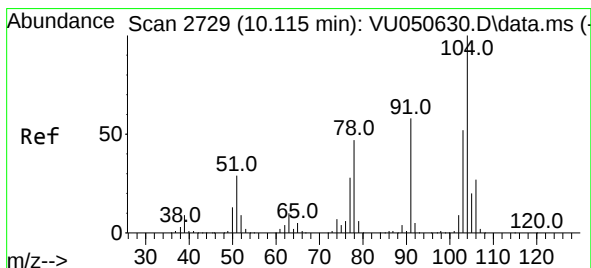
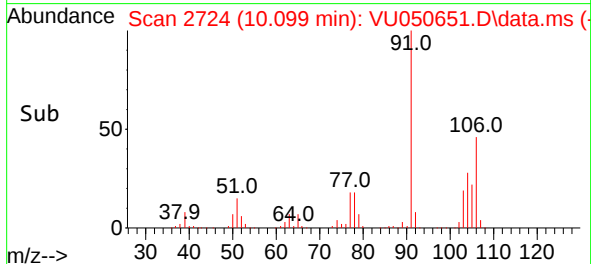
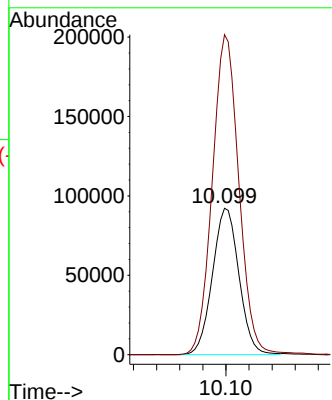
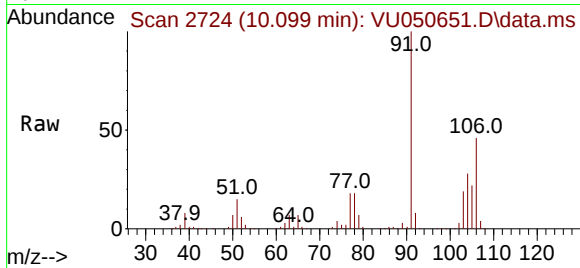




#54
o-Xylene
Concen: 48.405 ug/L
RT: 10.099 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU050651.D
Acq: 06 Sep 2022 22:04

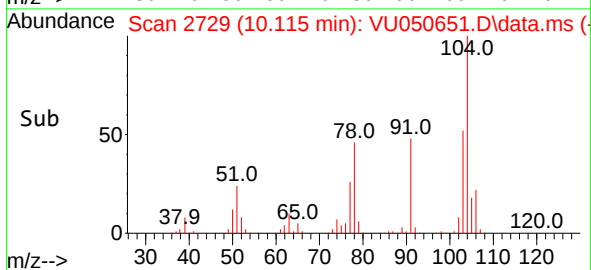
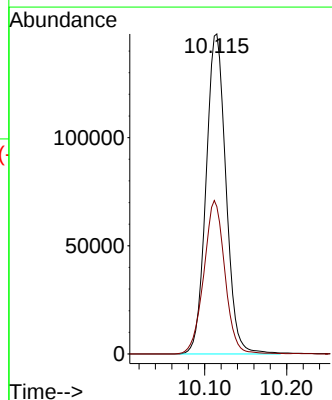
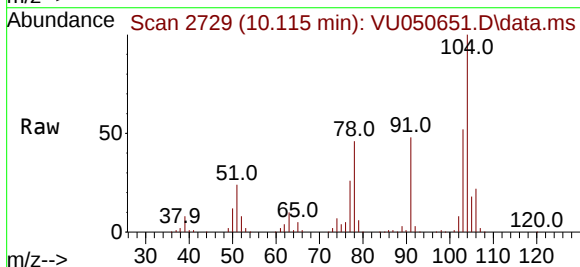
Instrument :
MSVOA_U
ClientSampleId :
EW345MSD

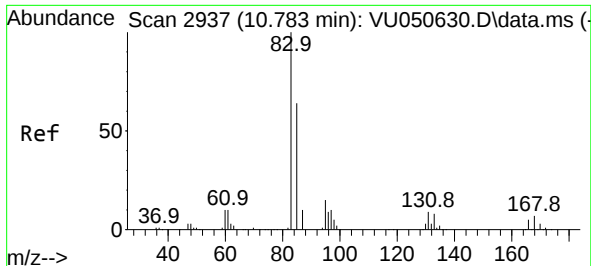
Tgt Ion:106 Resp: 146935
Ion Ratio Lower Upper
106 100
91 218.5 153.4 284.8



#55
Styrene
Concen: 49.913 ug/L
RT: 10.115 min Scan# 2729
Delta R.T. 0.000 min
Lab File: VU050651.D
Acq: 06 Sep 2022 22:04

Tgt Ion:104 Resp: 249292
Ion Ratio Lower Upper
104 100
78 46.1 32.8 60.8

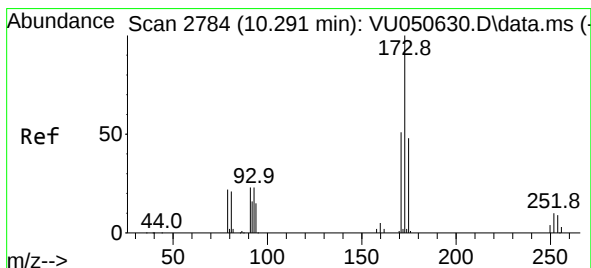
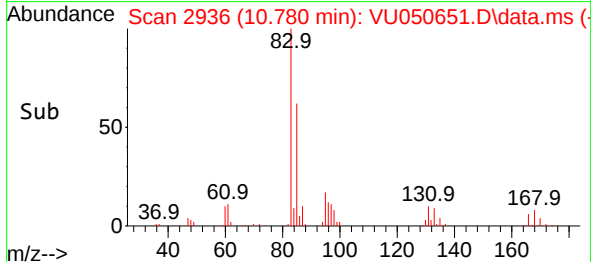
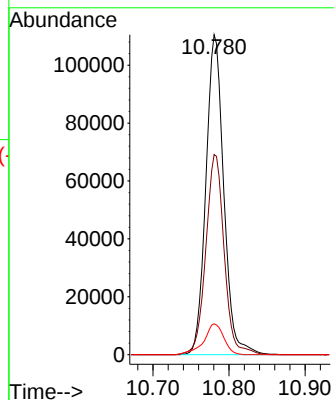
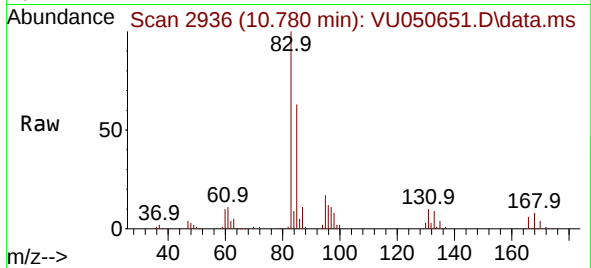




#57
 1,1,2,2-Tetrachloroethane
 Concen: 50.300 ug/L
 RT: 10.780 min Scan# 2936
 Delta R.T. -0.003 min
 Lab File: VU050651.D
 Acq: 06 Sep 2022 22:04

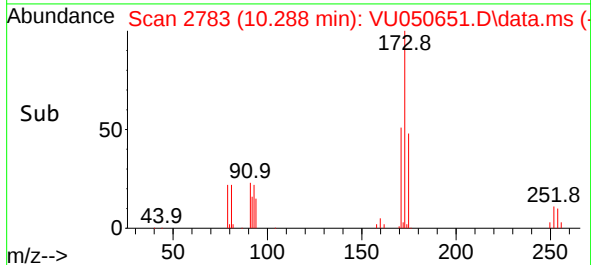
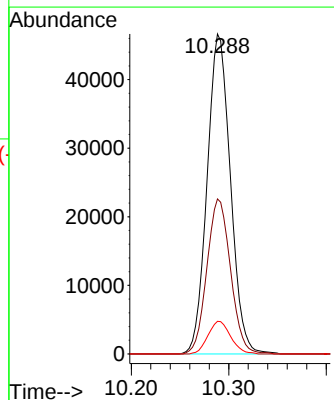
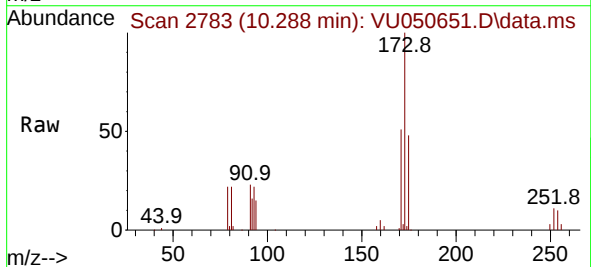
Instrument :
 MSVOA_U
 ClientSampleId :
 EW345MSD

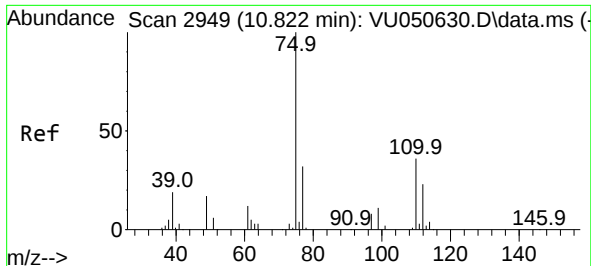
Tgt Ion: 83 Resp: 180299
 Ion Ratio Lower Upper
 83 100
 85 62.6 45.5 84.5
 131 9.6 7.7 11.5



#59
 Bromoform
 Concen: 51.390 ug/L
 RT: 10.288 min Scan# 2783
 Delta R.T. -0.003 min
 Lab File: VU050651.D
 Acq: 06 Sep 2022 22:04

Tgt Ion:173 Resp: 77512
 Ion Ratio Lower Upper
 173 100
 175 48.9 40.0 60.0
 254 9.9 7.4 11.0

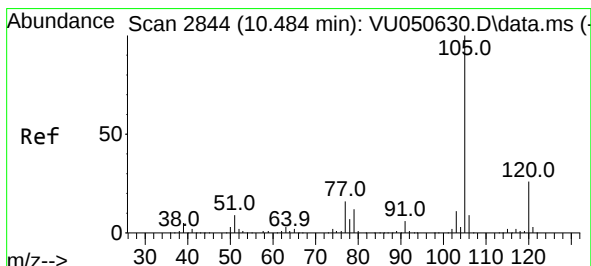
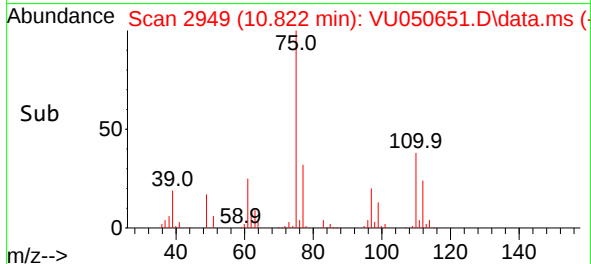
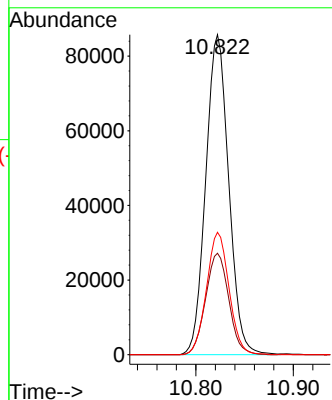
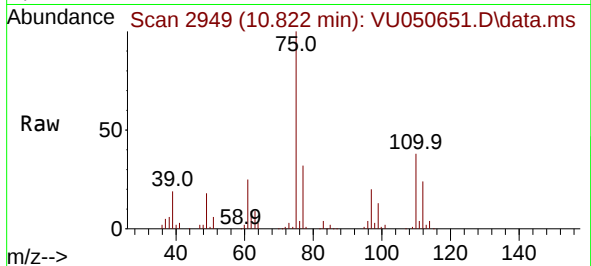




#60
1,2,3-Trichloropropane
Concen: 47.353 ug/L
RT: 10.822 min Scan# 2949
Delta R.T. 0.000 min
Lab File: VU050651.D
Acq: 06 Sep 2022 22:04

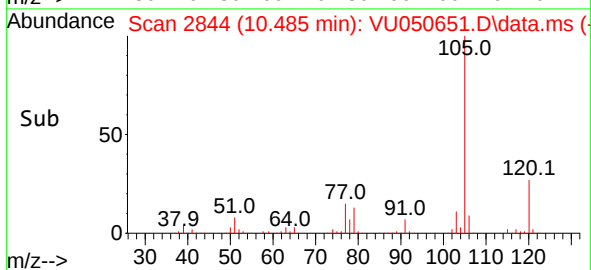
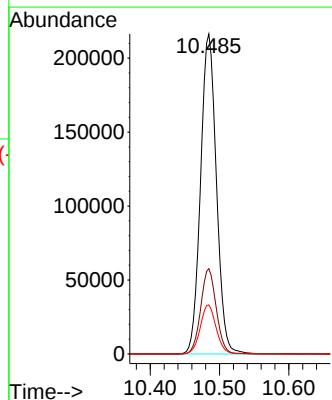
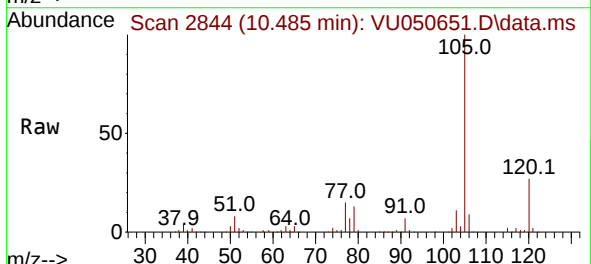
Instrument :
MSVOA_U
ClientSampleId :
EW345MSD

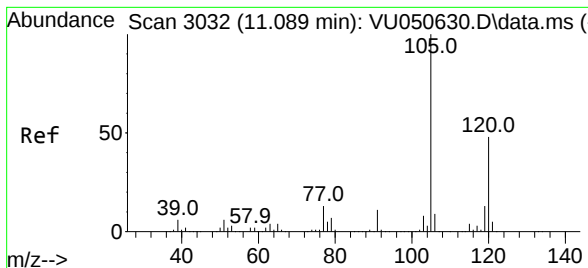
Tgt Ion: 75 Resp: 140458
Ion Ratio Lower Upper
75 100
77 32.0 25.8 38.8
110 37.5 29.3 43.9



#61
Isopropylbenzene
Concen: 42.902 ug/L
RT: 10.485 min Scan# 2844
Delta R.T. 0.000 min
Lab File: VU050651.D
Acq: 06 Sep 2022 22:04

Tgt Ion: 105 Resp: 343305
Ion Ratio Lower Upper
105 100
120 26.1 20.4 30.6
77 15.4 12.8 19.2





#62

1,3,5-Trimethylbenzene

Concen: 42.663 ug/L

RT: 11.089 min Scan# 3032

Delta R.T. 0.000 min

Lab File: VU050651.D

Acq: 06 Sep 2022 22:04

Instrument :

MSVOA_U

ClientSampleId :

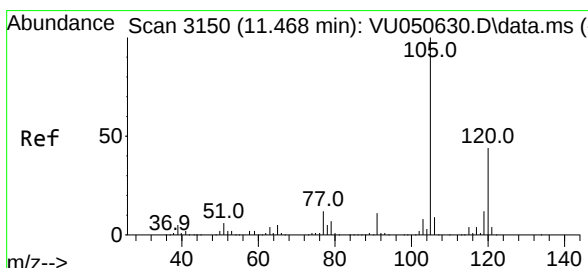
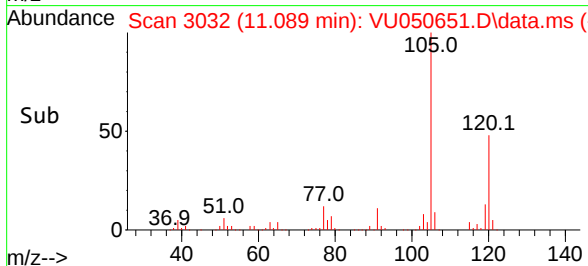
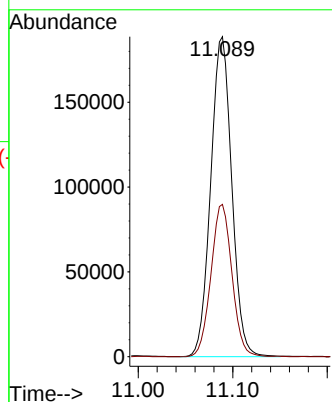
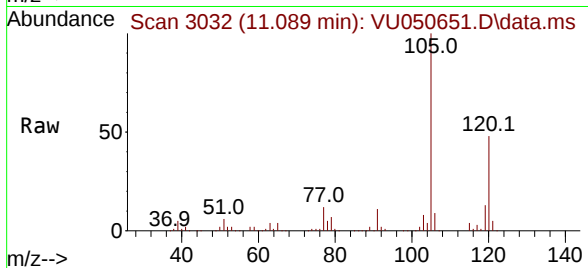
EW345MSD

Tgt Ion:105 Resp: 291863

Ion Ratio Lower Upper

105 100

120 47.5 37.7 56.5



#63

1,2,4-Trimethylbenzene

Concen: 43.284 ug/L

RT: 11.468 min Scan# 3150

Delta R.T. 0.000 min

Lab File: VU050651.D

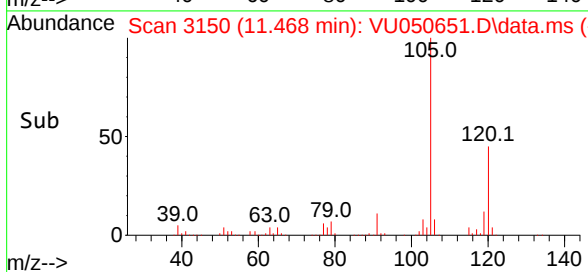
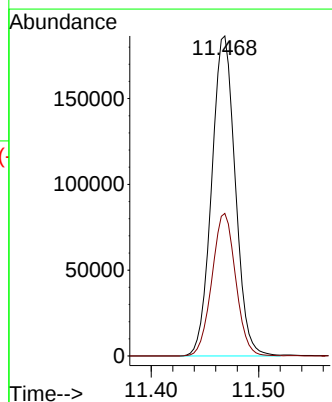
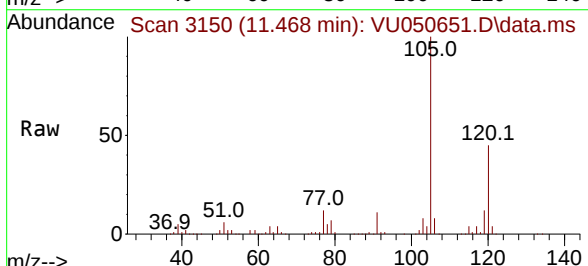
Acq: 06 Sep 2022 22:04

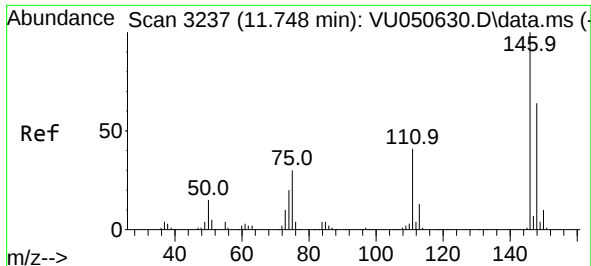
Tgt Ion:105 Resp: 284346

Ion Ratio Lower Upper

105 100

120 44.7 35.3 52.9

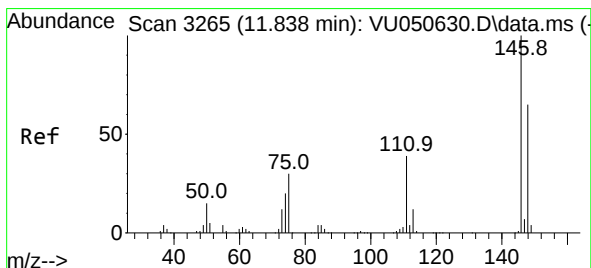
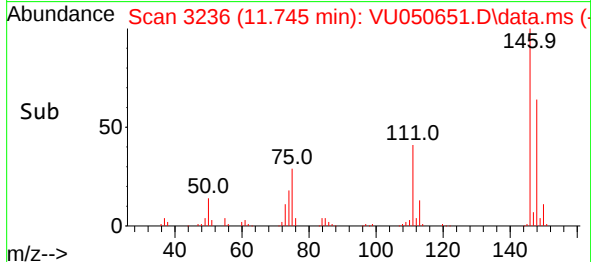
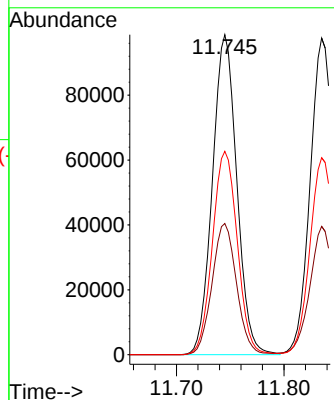
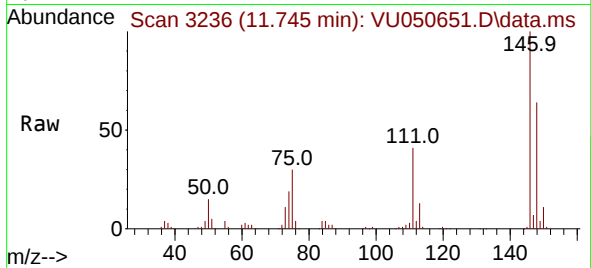




#64
1,3-Dichlorobenzene
Concen: 44.138 ug/L
RT: 11.745 min Scan# 31
Delta R.T. -0.003 min
Lab File: VU050651.D
Acq: 06 Sep 2022 22:04

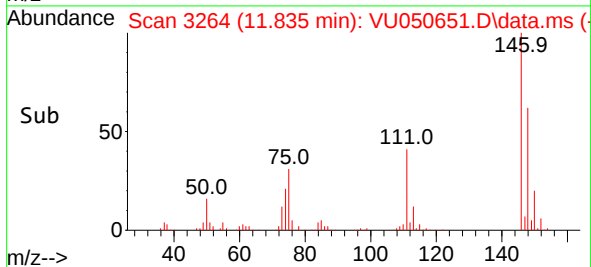
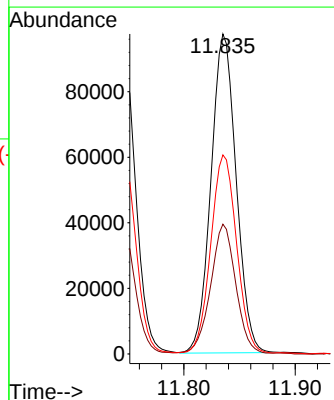
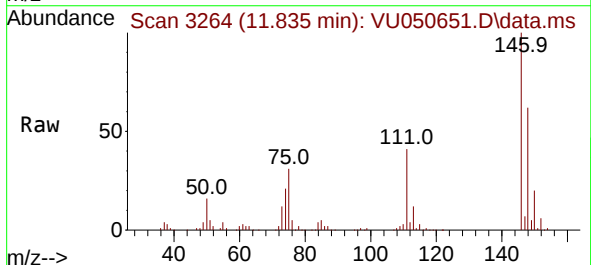
Instrument :
MSVOA_U
ClientSampleId :
EW345MSD

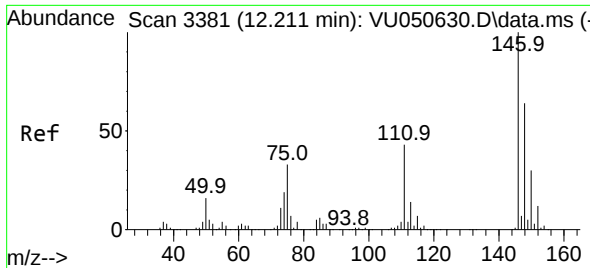
Tgt Ion:146 Resp: 155407
Ion Ratio Lower Upper
146 100
111 41.0 29.9 55.5
148 63.5 45.5 84.5



#65
1,4-Dichlorobenzene
Concen: 43.971 ug/L
RT: 11.835 min Scan# 3264
Delta R.T. -0.003 min
Lab File: VU050651.D
Acq: 06 Sep 2022 22:04

Tgt Ion:146 Resp: 153031
Ion Ratio Lower Upper
146 100
111 40.5 27.9 51.7
148 62.2 44.4 82.4





#67

1,2-Dichlorobenzene

Concen: 46.080 ug/L

RT: 12.211 min Scan# 3381

Delta R.T. 0.000 min

Lab File: VU050651.D

Acq: 06 Sep 2022 22:04

Instrument :

MSVOA_U

ClientSampleId :

EW345MSD

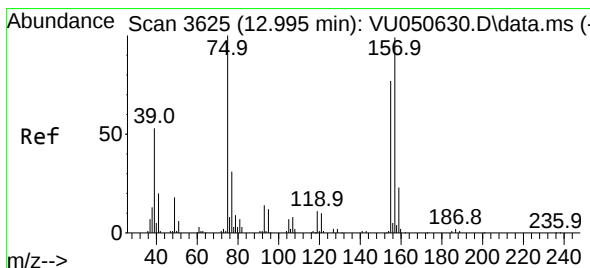
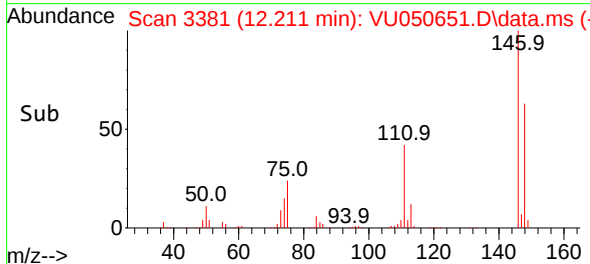
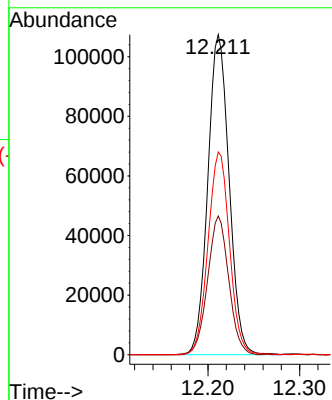
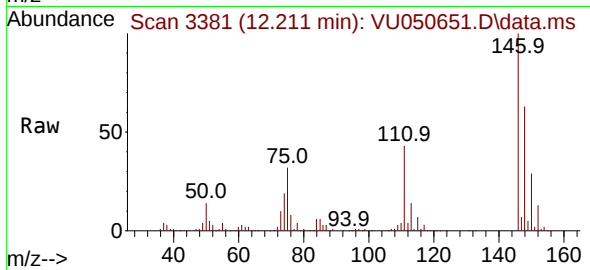
Tgt Ion:146 Resp: 172796

Ion Ratio Lower Upper

146 100

111 43.4 35.1 52.7

148 63.3 51.8 77.6



#68

1,2-Dibromo-3-chloropropane

Concen: 48.219 ug/L

RT: 12.996 min Scan# 3625

Delta R.T. 0.000 min

Lab File: VU050651.D

Acq: 06 Sep 2022 22:04

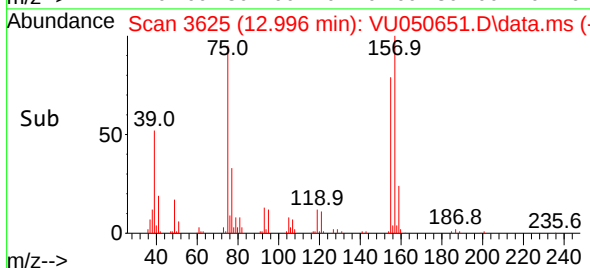
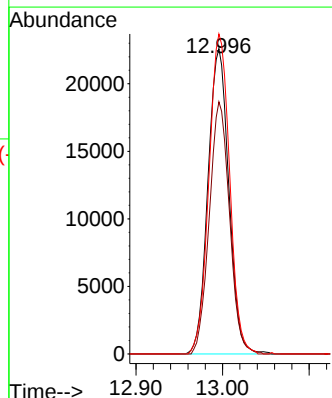
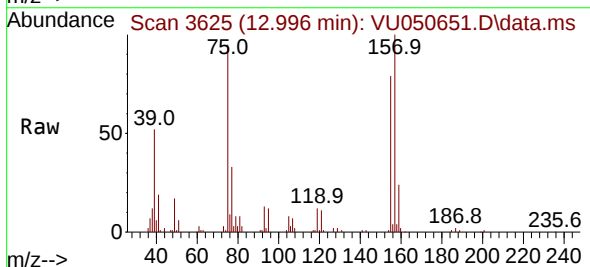
Tgt Ion: 75 Resp: 37770

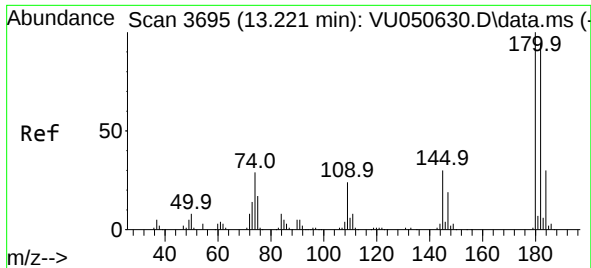
Ion Ratio Lower Upper

75 100

155 82.6 67.8 101.6

157 104.8 82.6 124.0

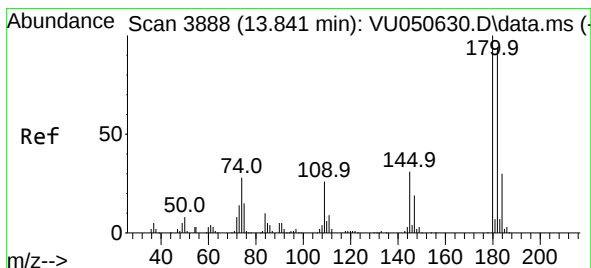
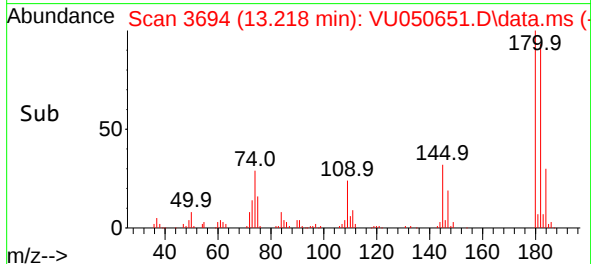
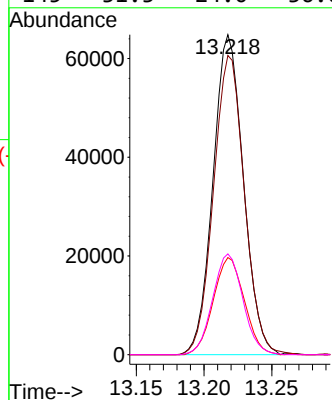
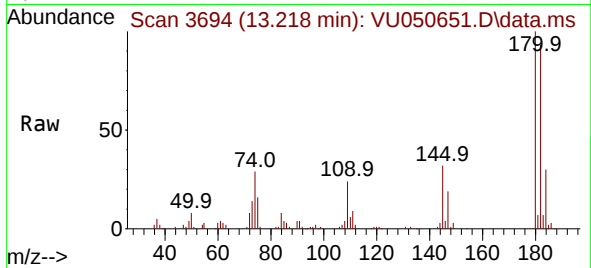




#69
 1,3,5-Trichlorobenzene
 Concen: 39.557 ug/L
 RT: 13.218 min Scan# 3694
 Delta R.T. -0.003 min
 Lab File: VU050651.D
 Acq: 06 Sep 2022 22:04

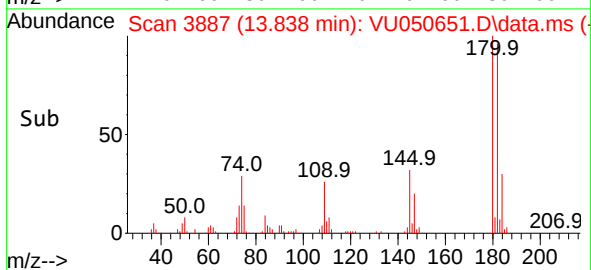
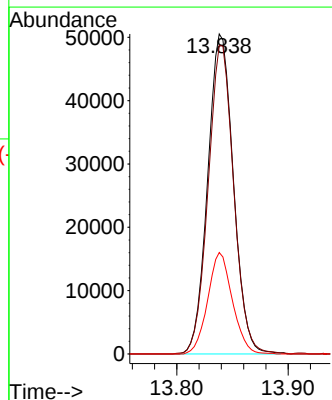
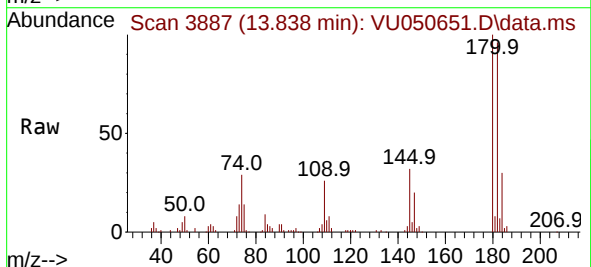
Instrument :
 MSVOA_U
 ClientSampleId :
 EW345MSD

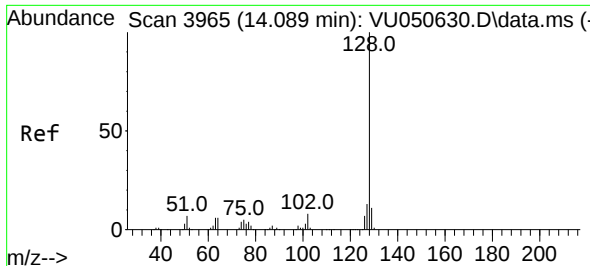
Tgt Ion:180 Resp: 101077
 Ion Ratio Lower Upper
 180 100
 182 95.1 75.3 112.9
 184 31.0 23.8 35.8
 145 31.3 24.0 36.0



#70
 1,2,4-trichlorobenzene
 Concen: 37.295 ug/L
 RT: 13.838 min Scan# 3887
 Delta R.T. -0.003 min
 Lab File: VU050651.D
 Acq: 06 Sep 2022 22:04

Tgt Ion:180 Resp: 80920
 Ion Ratio Lower Upper
 180 100
 182 96.1 76.2 114.2
 145 30.3 24.7 37.1

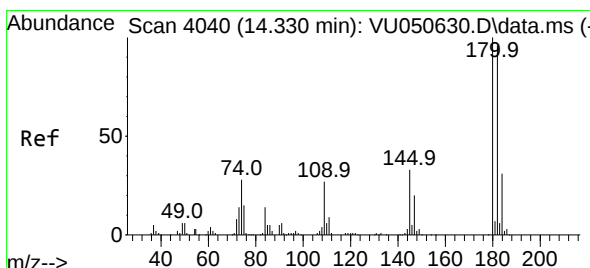
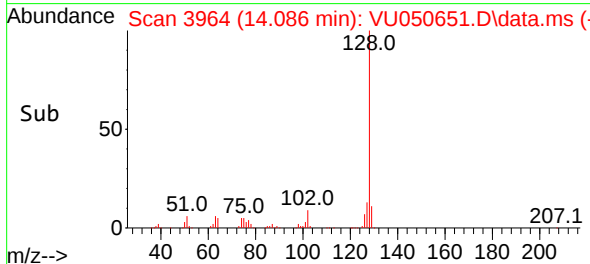
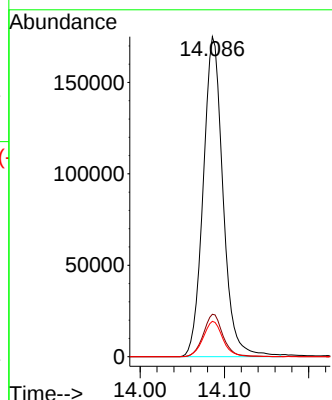
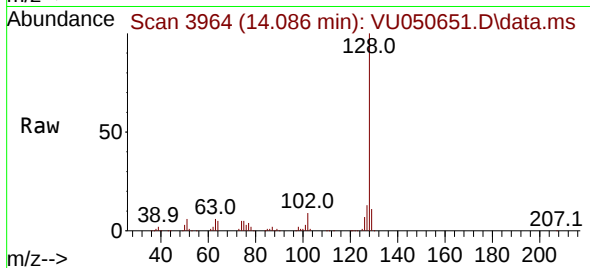




#71
Naphthalene
Concen: 37.290 ug/L
RT: 14.086 min Scan# 3965
Delta R.T. -0.003 min
Lab File: VU050651.D
Acq: 06 Sep 2022 22:04

Instrument :
MSVOA_U
ClientSampleId :
EW345MSD

Tgt Ion:128 Resp: 286862
Ion Ratio Lower Upper
128 100
127 13.1 10.1 15.1
129 10.9 8.4 12.6



#72
1,2,3-Trichlorobenzene
Concen: 40.470 ug/L
RT: 14.330 min Scan# 4040
Delta R.T. 0.000 min
Lab File: VU050651.D
Acq: 06 Sep 2022 22:04

Tgt Ion:180 Resp: 95087
Ion Ratio Lower Upper
180 100
182 94.6 76.1 114.1
145 32.3 26.4 39.6

