

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU103122\
 Data File : VU051624.D
 Acq On : 31 Oct 2022 20:29
 Operator : JC/MD
 Sample : N5353-14MS
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DBWW9MS

Quant Time: Nov 01 01:30:14 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Nov 01 01:25:31 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	207161	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	215600	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	113603	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	51774	3.318	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	66.400%
7) Chloroethane-d5	1.909	69	64889	3.988	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	79.800%
11) 1,1-Dichloroethene-d2	2.565	65	19745	3.487	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.800%
20) 2-Butanone-d5	4.616	46	292285	51.727	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.460%
24) Chloroform-d	5.063	84	165481	4.532	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.600%
26) 1,2-Dichloroethane-d4	5.700	65	90451	4.586	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.800%
32) Benzene-d6	5.726	84	280927	4.129	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.600%
36) 1,2-Dichloropropane-d6	6.690	67	104767	4.404	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.000%
41) Toluene-d8	7.896	98	222863	4.165	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.400%
43) trans-1,3-Dichloroprop...	8.179	79	32209	4.428	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.600%
46) 2-Hexanone-d5	8.629	63	230860	52.719	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	105.440%
56) 1,1,2,2-Tetrachloroeth...	10.754	84	106663	4.892	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.800%
66) 1,2-Dichlorobenzene-d4	12.192	152	87043	4.175	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	83.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	109486	4.833	ug/L	99
3) Chloromethane	1.527	50	133938	4.690	ug/L	99
5) Vinyl chloride	1.604	62	142159	5.196	ug/L #	55
6) Bromomethane	1.848	94	26499	2.043	ug/L	98
8) Chloroethane	1.932	64	86436	5.203	ug/L	93
9) Trichlorofluoromethane	2.137	101	149222	4.969	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	88608	5.019	ug/L	98
12) 1,1-Dichloroethene	2.578	96	90450	5.022	ug/L	93
13) Acetone	2.623	43	152964	53.354	ug/L	99
14) Carbon disulfide	2.790	76	299200	5.154	ug/L	99
15) Methyl Acetate	2.948	43	40081	5.340	ug/L	98
16) Methylene chloride	3.044	84	117119	3.970	ug/L	100
17) Methyl tert-butyl Ether	3.362	73	224332	5.432	ug/L	99
18) trans-1,2-Dichloroethene	3.350	96	239059	12.369	ug/L	98
19) 1,1-Dichloroethane	3.867	63	226161	6.344	ug/L	98
21) 2-Butanone	4.697	43	259705	57.844	ug/L	100
22) cis-1,2-Dichloroethene	4.665	96	750293	35.083	ug/L	99
23) Bromochloromethane	4.973	128	52395	5.240	ug/L	97
25) Chloroform	5.086	83	200359	5.417	ug/L	99

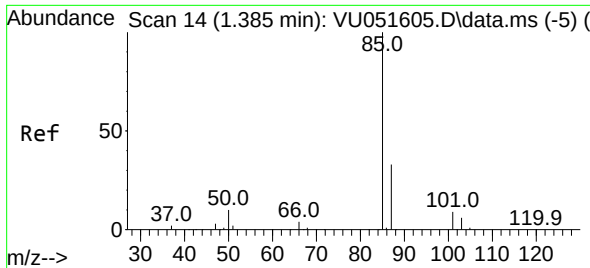
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU103122\
 Data File : VU051624.D
 Acq On : 31 Oct 2022 20:29
 Operator : JC/MD
 Sample : N5353-14MS
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DBWW9MS

Quant Time: Nov 01 01:30:14 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Nov 01 01:25:31 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.793	62	119578	5.254	ug/L	97
29) 1,1,1-Trichloroethane	5.314	97	148475	5.072	ug/L	99
30) Cyclohexane	5.385	56	125770	4.666	ug/L	98
31) Carbon tetrachloride	5.523	117	126002	5.033	ug/L	99
33) Benzene	5.771	78	461633	5.426	ug/L	100
34) Trichloroethene	6.539	95	175662	8.555	ug/L	99
35) Methylcyclohexane	6.761	83	130817	4.608	ug/L	98
37) 1,2-Dichloropropane	6.790	63	117388	5.364	ug/L	100
38) Bromodichloromethane	7.105	83	141781	5.304	ug/L	99
39) cis-1,3-Dichloropropene	7.607	75	138967	4.950	ug/L	99
40) 4-Methyl-2-pentanone	7.790	43	597578	54.443	ug/L	100
42) Toluene	7.967	91	465995	5.333	ug/L	100
44) trans-1,3-Dichloropropene	8.208	75	120961	5.156	ug/L	95
45) 1,1,2-Trichloroethane	8.398	97	85481	5.331	ug/L	98
47) Tetrachloroethene	8.552	164	79085	5.029	ug/L	95
48) 2-Hexanone	8.681	43	456988	56.247	ug/L	99
49) Dibromochloromethane	8.809	129	96491	5.267	ug/L	99
50) 1,2-Dibromoethane	8.922	107	76047	5.256	ug/L	91
51) Chlorobenzene	9.446	112	531964	9.673	ug/L	99
52) Ethylbenzene	9.568	91	439196	5.209	ug/L	100
53) m,p-Xylene	9.693	106	174109	5.317	ug/L	98
54) o-Xylene	10.099	106	168958	5.279	ug/L	98
55) Styrene	10.111	104	292861	5.473	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.780	83	108224	5.443	ug/L	98
59) Bromoform	10.288	173	54048	5.149	ug/L	99
60) Isopropylbenzene	10.481	105	417079	5.029	ug/L	99
61) 1,2,3-Trichloropropane	10.819	75	74790	5.091	ug/L	98
62) 1,3,5-Trimethylbenzene	11.086	105	104082	4.662	ug/L	98
63) 1,2,4-Trimethylbenzene	11.468	105	305488	4.745	ug/L	98
64) 1,3-Dichlorobenzene	11.745	146	213409	5.169	ug/L	99
65) 1,4-Dichlorobenzene	11.835	146	269752	6.516	ug/L	99
67) 1,2-Dichlorobenzene	12.211	146	233927	5.817	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.996	75	15860	5.243	ug/L	97
69) 1,3,5-Trichlorobenzene	13.217	180	140127	4.762	ug/L	99
70) 1,2,4-trichlorobenzene	13.838	180	105441	4.667	ug/L	99
71) Naphthalene	14.086	128	186697	4.427	ug/L	98
72) 1,2,3-Trichlorobenzene	14.327	180	107891	4.729	ug/L	100

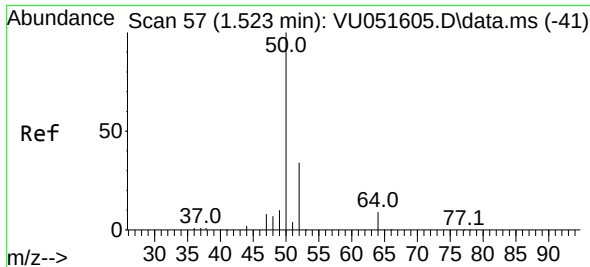
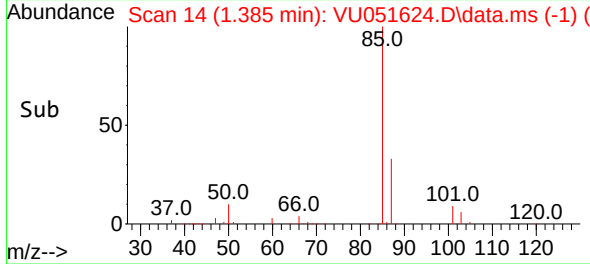
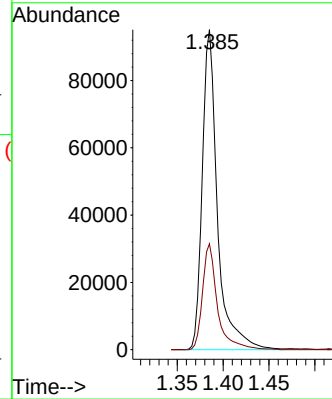
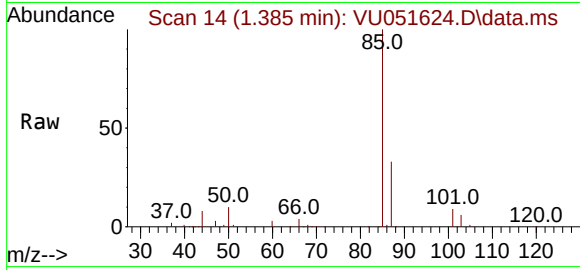
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
 Dichlorodifluoromethane
 Concen: 4.833 ug/L
 RT: 1.385 min Scan# 14
 Delta R.T. 0.000 min
 Lab File: VU051624.D
 Acq: 31 Oct 2022 20:29

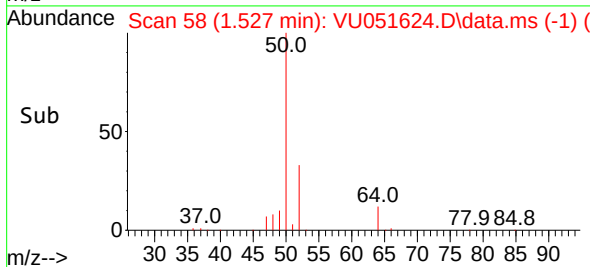
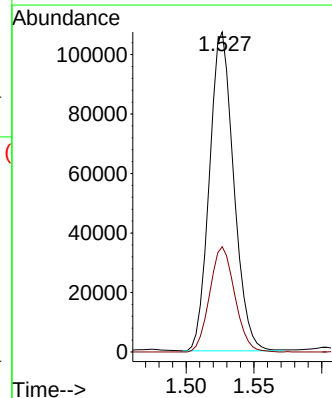
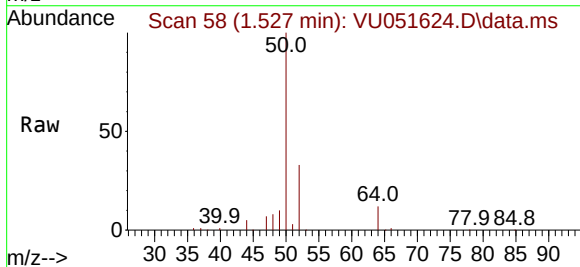
Instrument :
 MSVOA_U
 ClientSampleId :
 DBWW9MS

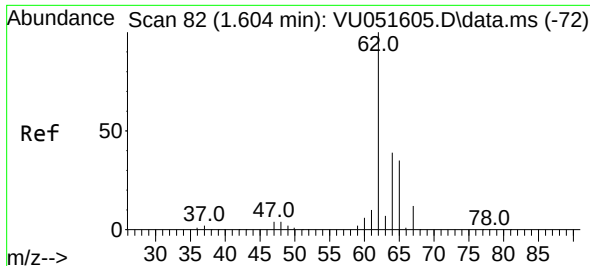
Tgt Ion: 85 Resp: 109486
 Ion Ratio Lower Upper
 85 100
 87 32.5 25.7 38.5



#3
 Chloromethane
 Concen: 4.690 ug/L
 RT: 1.527 min Scan# 58
 Delta R.T. 0.003 min
 Lab File: VU051624.D
 Acq: 31 Oct 2022 20:29

Tgt Ion: 50 Resp: 133938
 Ion Ratio Lower Upper
 50 100
 52 32.9 23.2 43.2

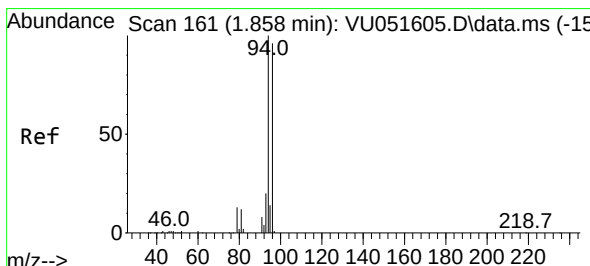
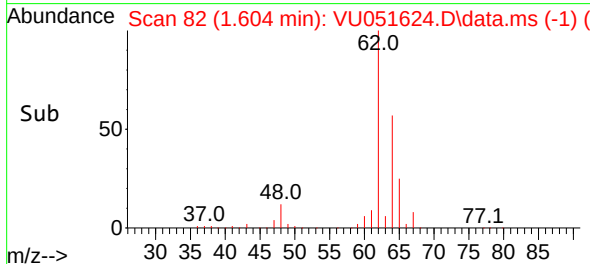
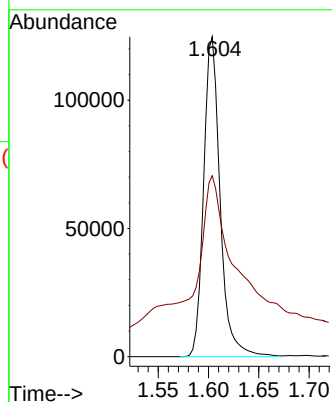
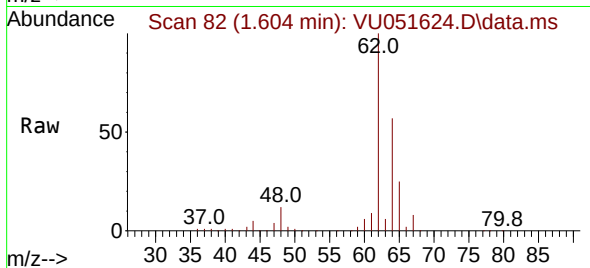




#5
 Vinyl chloride
 Concen: 5.196 ug/L
 RT: 1.604 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: VU051624.D
 Acq: 31 Oct 2022 20:29

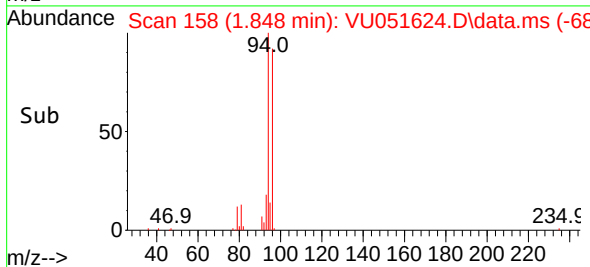
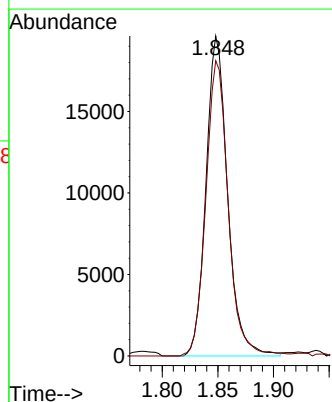
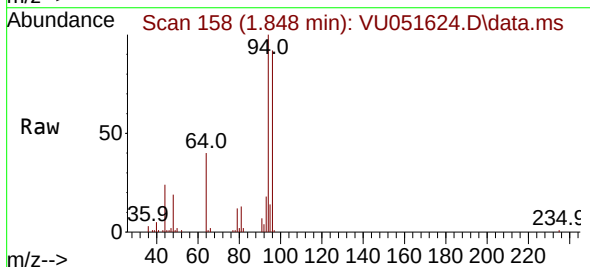
Instrument :
 MSVOA_U
 ClientSampleId :
 DBWW9MS

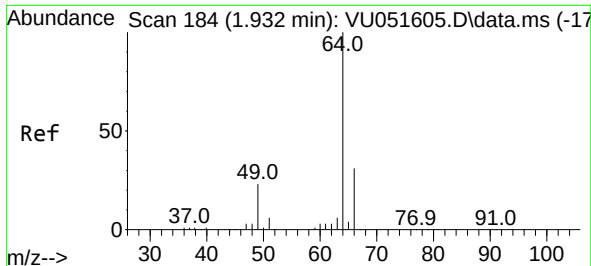
Tgt Ion: 62 Resp: 142159
 Ion Ratio Lower Upper
 62 100
 64 56.5 22.1 41.1#



#6
 Bromomethane
 Concen: 2.043 ug/L
 RT: 1.848 min Scan# 158
 Delta R.T. -0.010 min
 Lab File: VU051624.D
 Acq: 31 Oct 2022 20:29

Tgt Ion: 94 Resp: 26499
 Ion Ratio Lower Upper
 94 100
 96 92.3 63.2 117.4

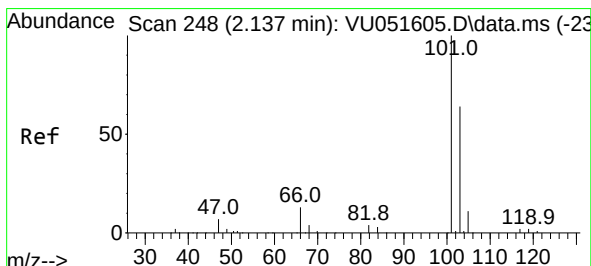
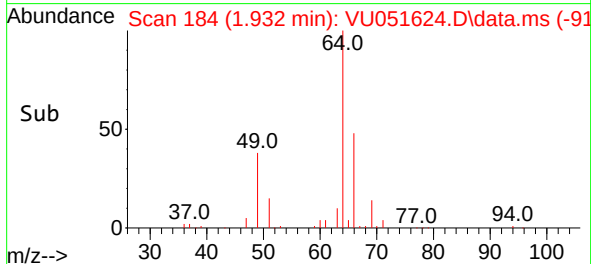
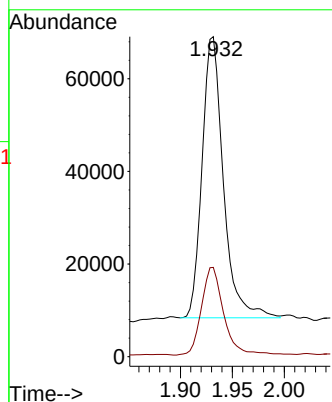
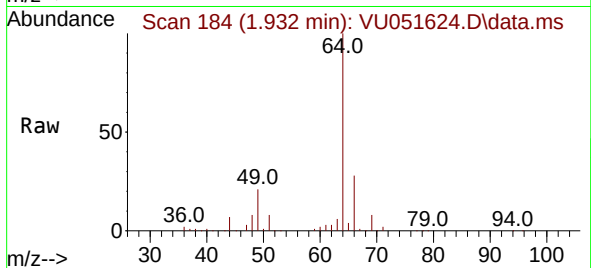




#8
Chloroethane
Concen: 5.203 ug/L
RT: 1.932 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU051624.D
Acq: 31 Oct 2022 20:29

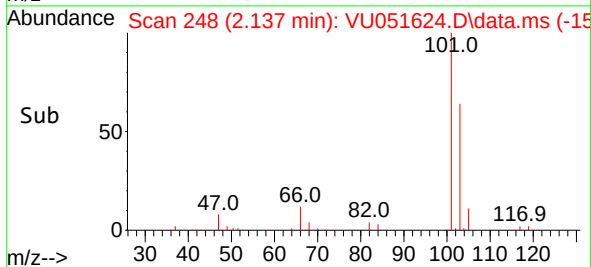
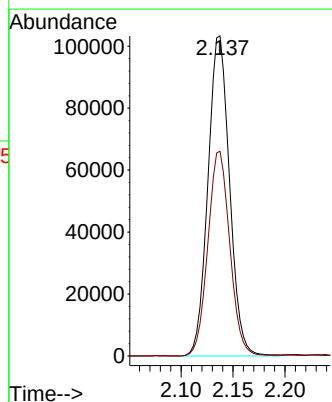
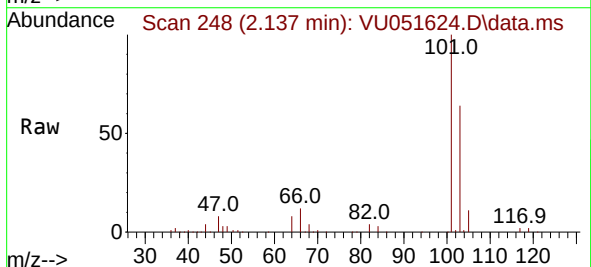
Instrument :
MSVOA_U
ClientSampleId :
DBWW9MS

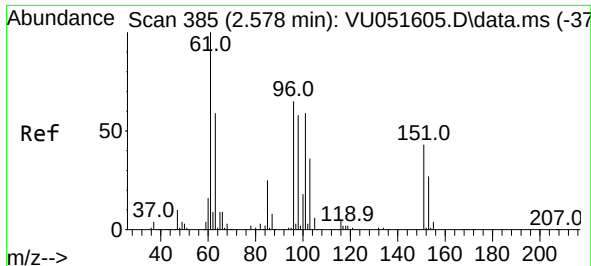
Tgt Ion: 64 Resp: 86436
Ion Ratio Lower Upper
64 100
66 27.9 22.3 41.5



#9
Trichlorofluoromethane
Concen: 4.969 ug/L
RT: 2.137 min Scan# 248
Delta R.T. 0.000 min
Lab File: VU051624.D
Acq: 31 Oct 2022 20:29

Tgt Ion:101 Resp: 149222
Ion Ratio Lower Upper
101 100
103 65.0 51.8 77.6

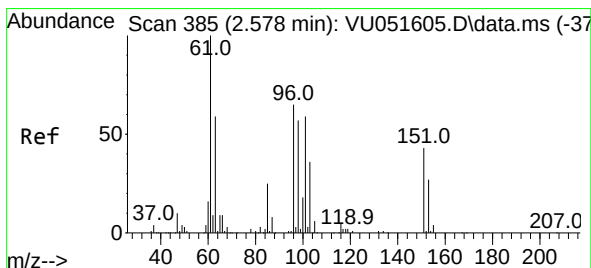
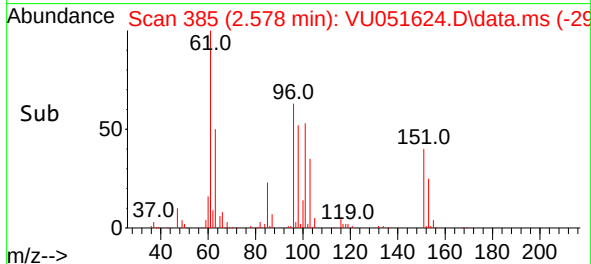
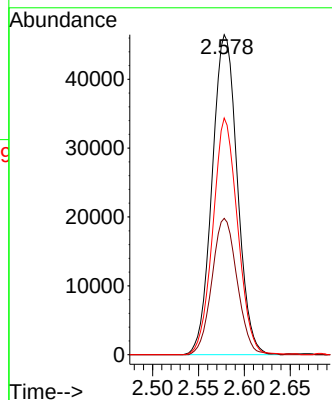
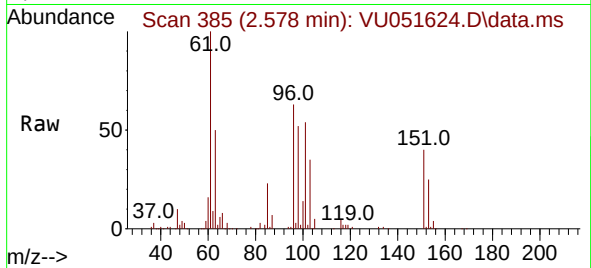




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.019 ug/L
 RT: 2.578 min Scan# 385
 Delta R.T. 0.000 min
 Lab File: VU051624.D
 Acq: 31 Oct 2022 20:29

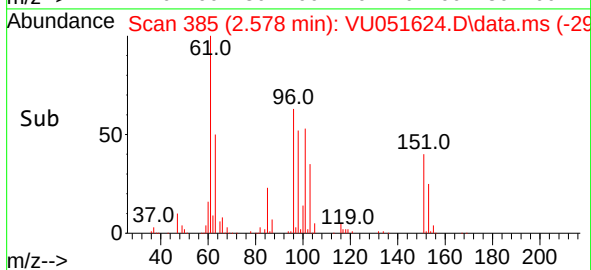
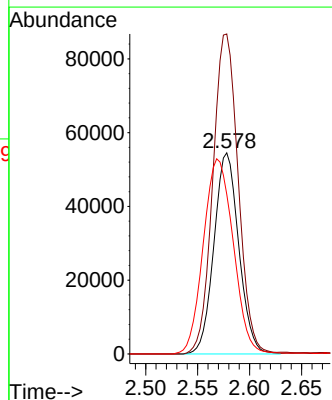
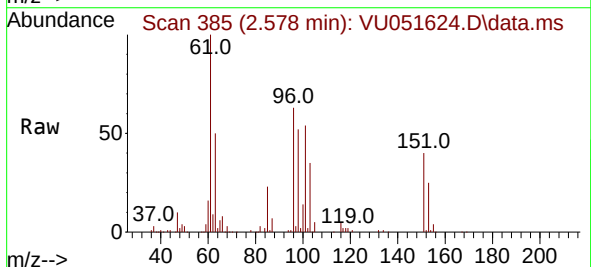
Instrument :
 MSVOA_U
 ClientSampleId :
 DBWW9MS

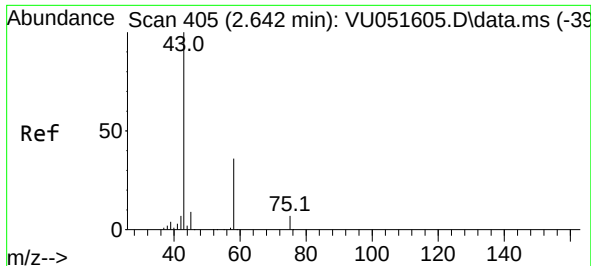
Tgt Ion:101 Resp: 88608
 Ion Ratio Lower Upper
 101 100
 85 42.6 35.6 53.4
 151 72.8 59.6 89.4



#12
 1,1-Dichloroethene
 Concen: 5.022 ug/L
 RT: 2.578 min Scan# 385
 Delta R.T. 0.000 min
 Lab File: VU051624.D
 Acq: 31 Oct 2022 20:29

Tgt Ion: 96 Resp: 90450
 Ion Ratio Lower Upper
 96 100
 61 159.2 108.8 202.0
 63 79.5 64.9 120.5





#13

Acetone

Concen: 53.354 ug/L

RT: 2.623 min Scan# 399

Delta R.T. -0.019 min

Lab File: VU051624.D

Acq: 31 Oct 2022 20:29

Instrument :

MSVOA_U

ClientSampleId :

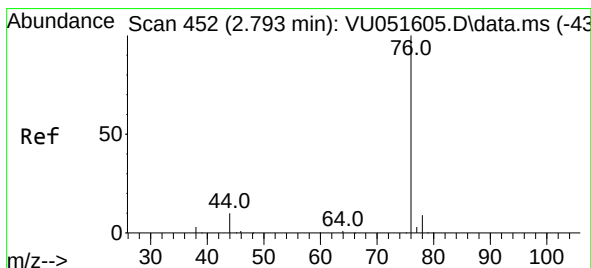
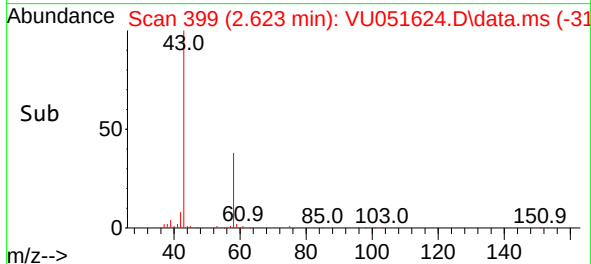
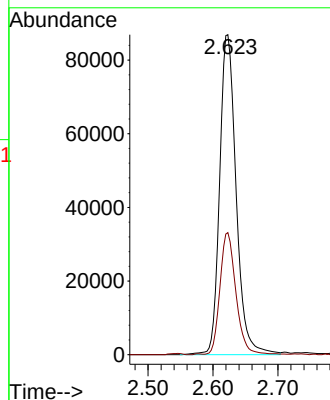
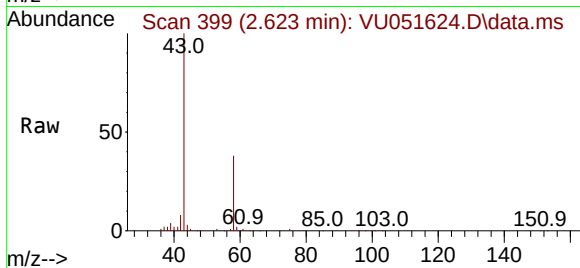
DBWW9MS

Tgt Ion: 43 Resp: 152964

Ion Ratio Lower Upper

43 100

58 36.2 0.0 73.8



#14

Carbon disulfide

Concen: 5.154 ug/L

RT: 2.790 min Scan# 451

Delta R.T. -0.003 min

Lab File: VU051624.D

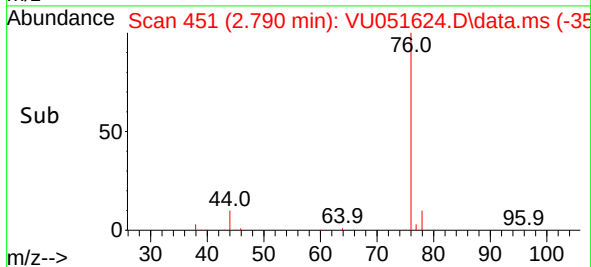
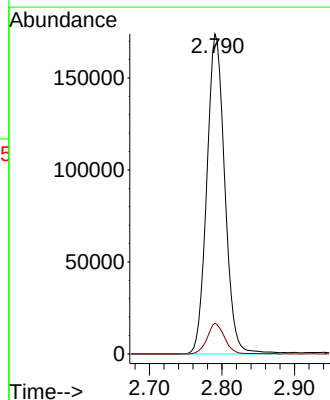
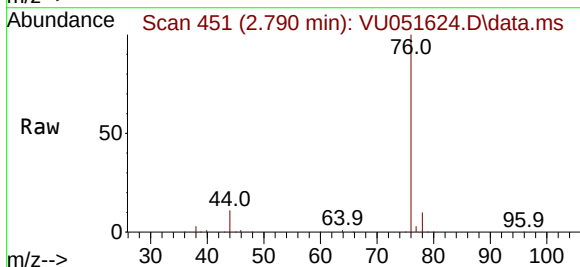
Acq: 31 Oct 2022 20:29

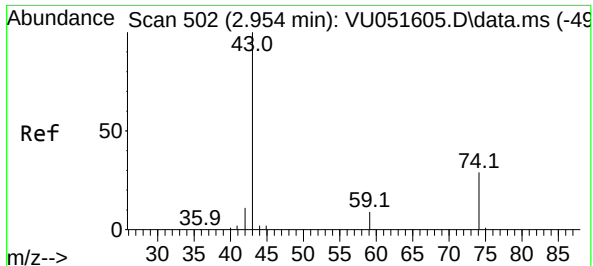
Tgt Ion: 76 Resp: 299200

Ion Ratio Lower Upper

76 100

78 9.6 7.4 11.2

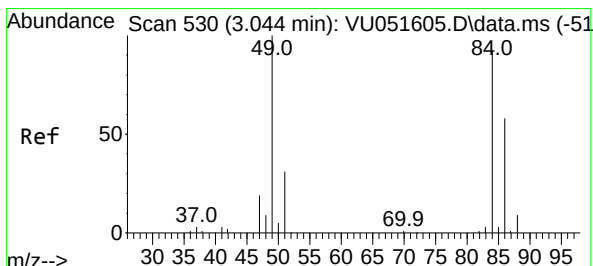
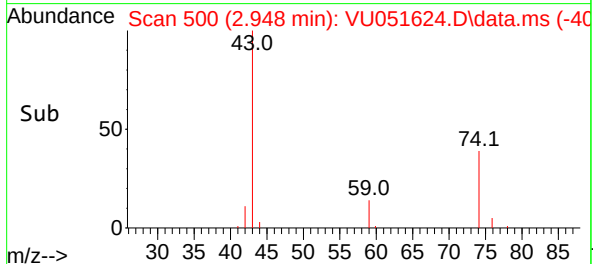
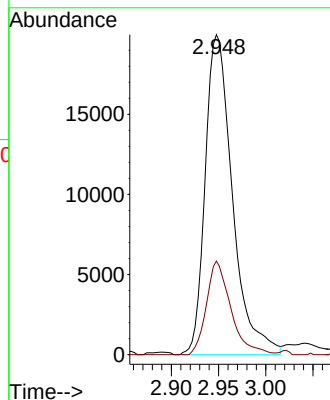
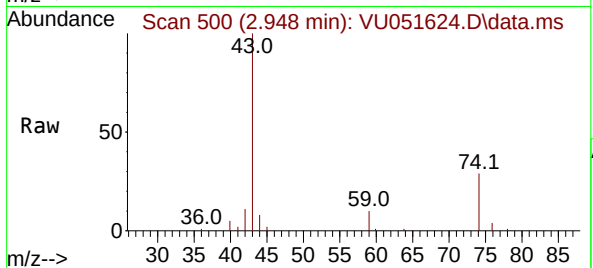




#15
Methyl Acetate
Concen: 5.340 ug/L
RT: 2.948 min Scan# 50
Delta R.T. -0.006 min
Lab File: VU051624.D
Acq: 31 Oct 2022 20:29

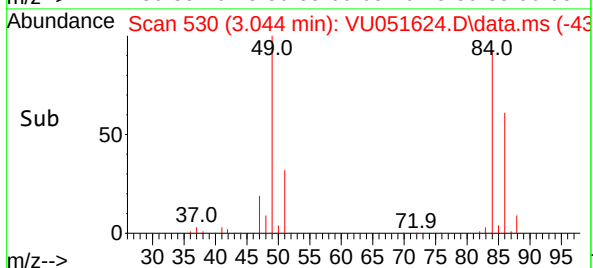
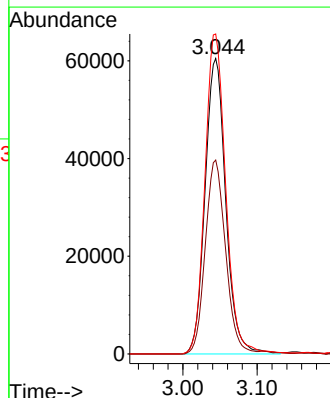
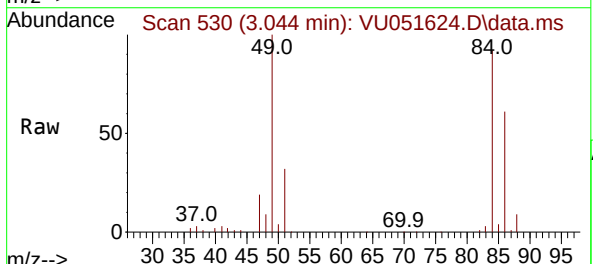
Instrument :
MSVOA_U
ClientSampleId :
DBWW9MS

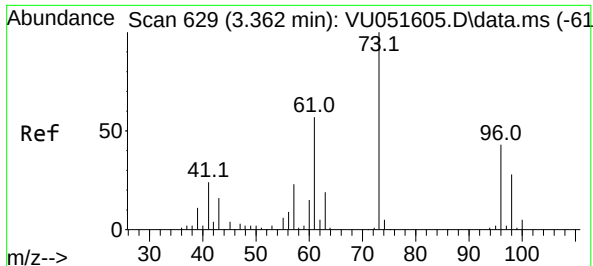
Tgt Ion: 43 Resp: 40081
Ion Ratio Lower Upper
43 100
74 26.2 20.2 30.4



#16
Methylene chloride
Concen: 3.970 ug/L
RT: 3.044 min Scan# 530
Delta R.T. 0.000 min
Lab File: VU051624.D
Acq: 31 Oct 2022 20:29

Tgt Ion: 84 Resp: 117119
Ion Ratio Lower Upper
84 100
86 65.6 46.3 85.9
49 108.3 76.0 141.2





#17

Methyl tert-butyl Ether

Concen: 5.432 ug/L

RT: 3.362 min Scan# 61

Delta R.T. 0.000 min

Lab File: VU051624.D

Acq: 31 Oct 2022 20:29

Instrument :

MSVOA_U

ClientSampleId :

DBWW9MS

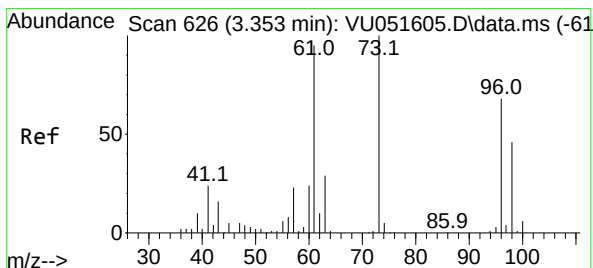
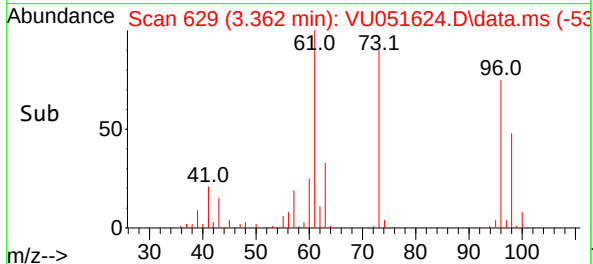
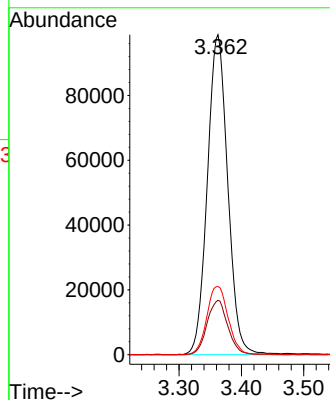
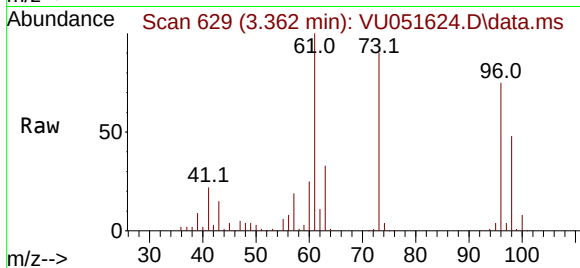
Tgt Ion: 73 Resp: 224332

Ion Ratio Lower Upper

73 100

43 17.3 13.6 20.4

57 22.4 17.5 26.3



#18

trans-1,2-Dichloroethene

Concen: 12.369 ug/L

RT: 3.350 min Scan# 625

Delta R.T. -0.003 min

Lab File: VU051624.D

Acq: 31 Oct 2022 20:29

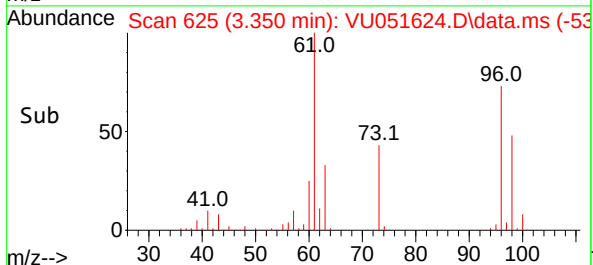
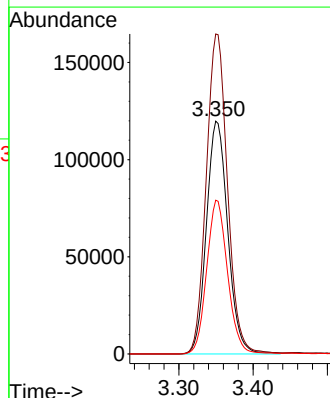
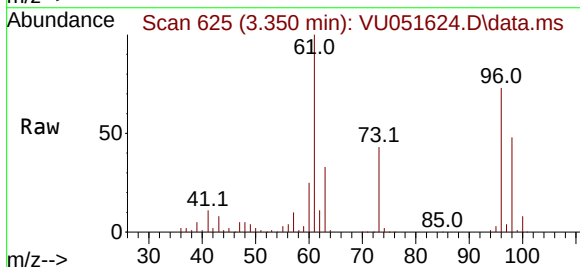
Tgt Ion: 96 Resp: 239059

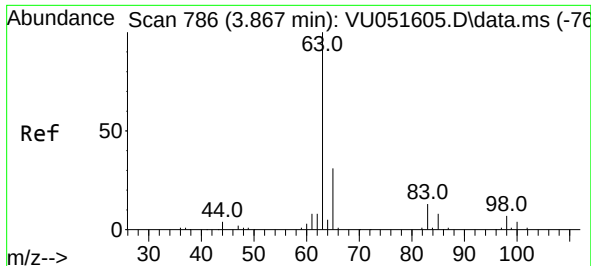
Ion Ratio Lower Upper

96 100

61 137.5 94.7 175.9

98 66.1 44.2 82.0

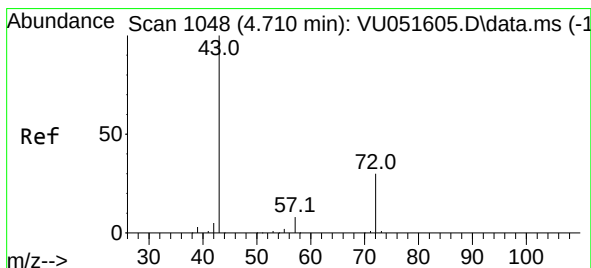
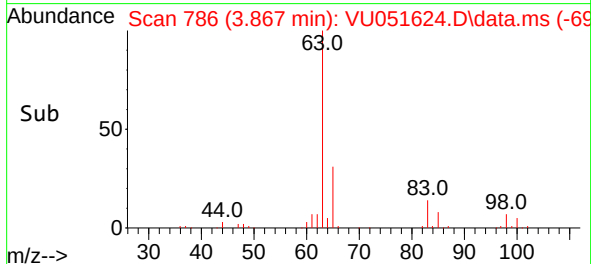
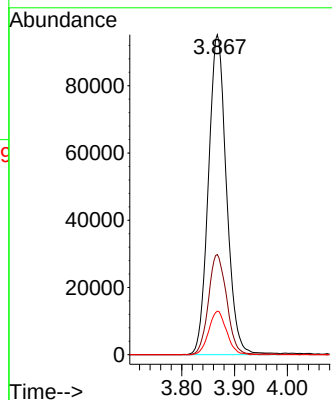
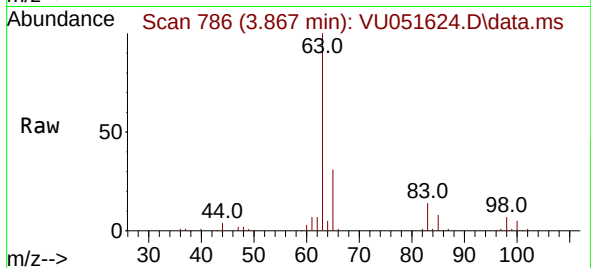




#19
1,1-Dichloroethane
Concen: 6.344 ug/L
RT: 3.867 min Scan# 786
Delta R.T. 0.000 min
Lab File: VU051624.D
Acq: 31 Oct 2022 20:29

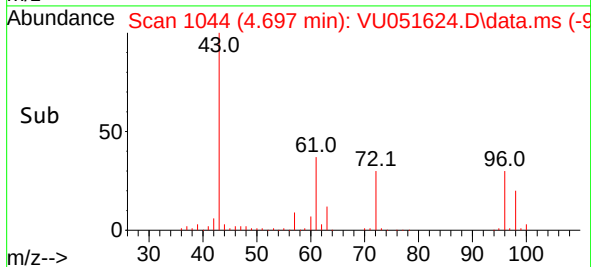
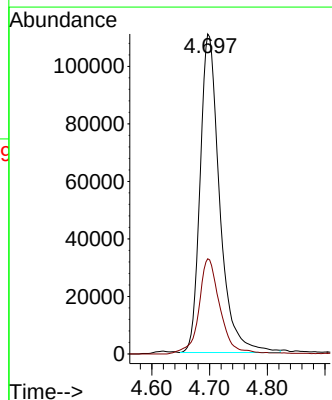
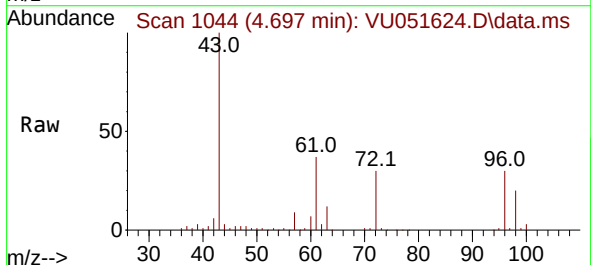
Instrument :
MSVOA_U
ClientSampleId :
DBWW9MS

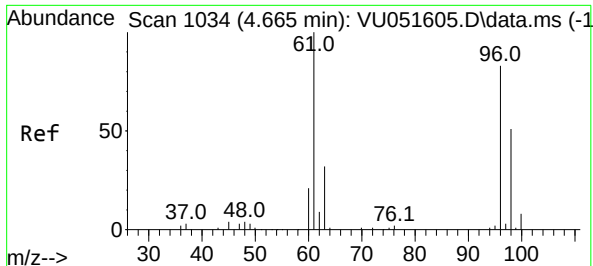
Tgt Ion: 63 Resp: 226161
Ion Ratio Lower Upper
63 100
65 31.3 22.7 42.1
83 13.6 9.2 17.0



#21
2-Butanone
Concen: 57.844 ug/L
RT: 4.697 min Scan# 1044
Delta R.T. -0.013 min
Lab File: VU051624.D
Acq: 31 Oct 2022 20:29

Tgt Ion: 43 Resp: 259705
Ion Ratio Lower Upper
43 100
72 32.2 16.2 48.5

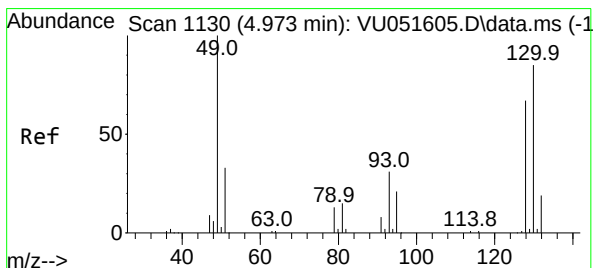
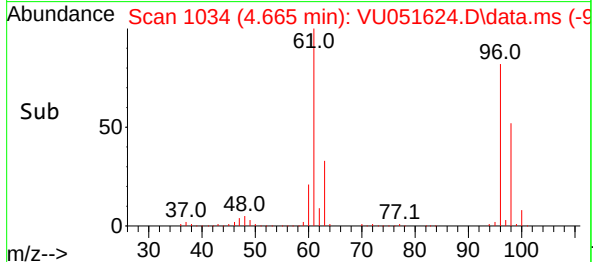
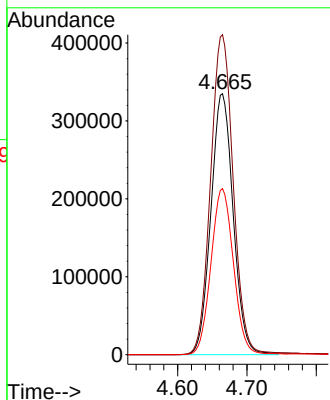
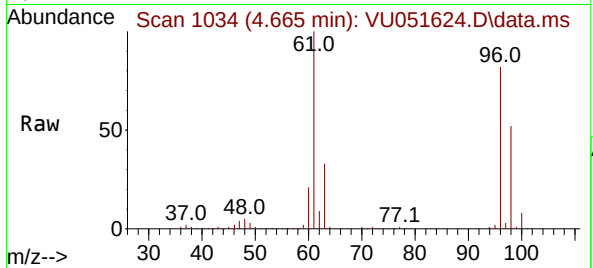




#22
 cis-1,2-Dichloroethene
 Concen: 35.083 ug/L
 RT: 4.665 min Scan# 1034
 Delta R.T. 0.000 min
 Lab File: VU051624.D
 Acq: 31 Oct 2022 20:29

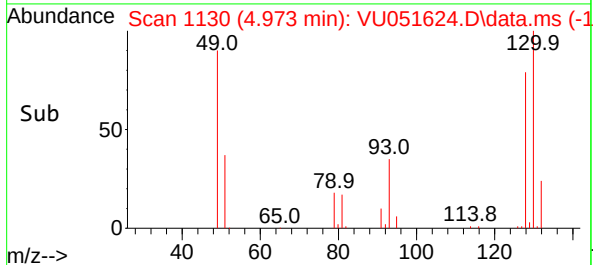
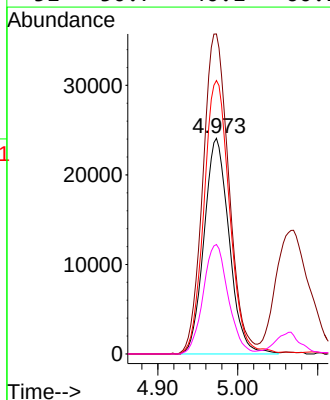
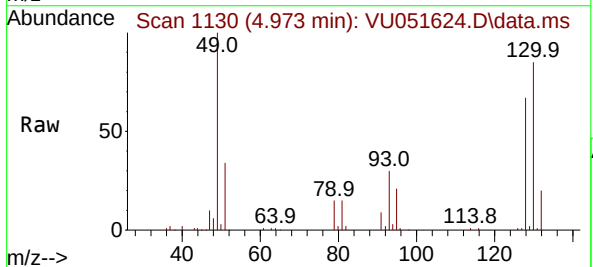
Instrument :
 MSVOA_U
 ClientSampleId :
 DBWW9MS

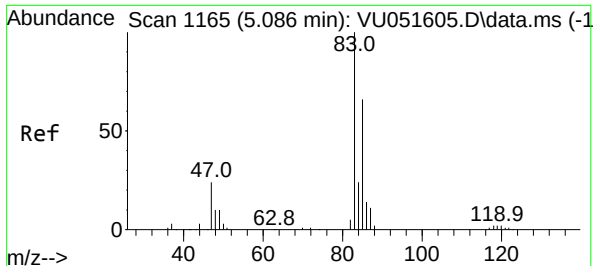
Tgt Ion: 96 Resp: 750293
 Ion Ratio Lower Upper
 96 100
 61 122.6 86.4 160.4
 98 63.6 44.2 82.2



#23
 Bromochloromethane
 Concen: 5.240 ug/L
 RT: 4.973 min Scan# 1130
 Delta R.T. 0.000 min
 Lab File: VU051624.D
 Acq: 31 Oct 2022 20:29

Tgt Ion: 128 Resp: 52395
 Ion Ratio Lower Upper
 128 100
 49 148.4 105.5 195.9
 130 126.8 93.5 173.7
 51 50.7 40.1 60.1

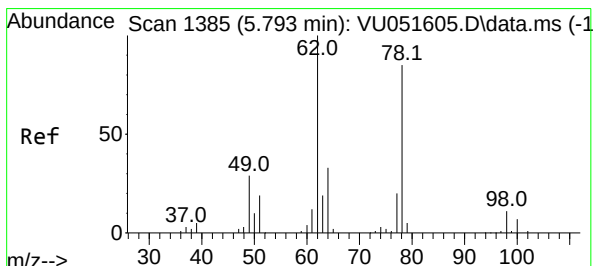
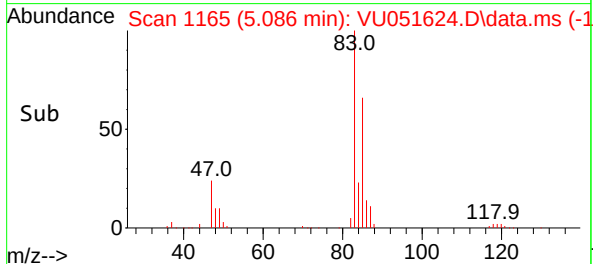
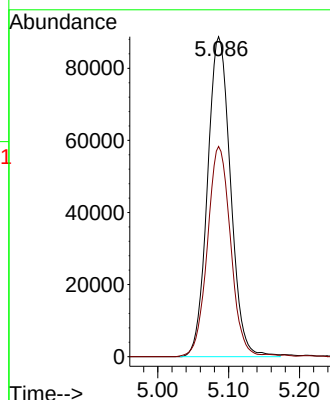
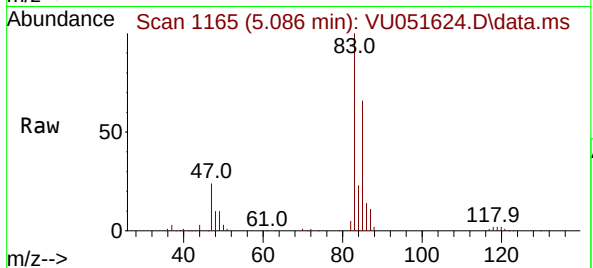




#25
Chloroform
Concen: 5.417 ug/L
RT: 5.086 min Scan# 1165
Delta R.T. 0.000 min
Lab File: VU051624.D
Acq: 31 Oct 2022 20:29

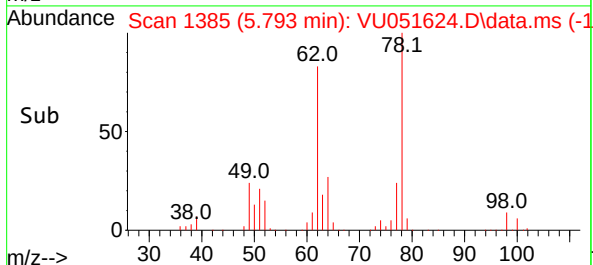
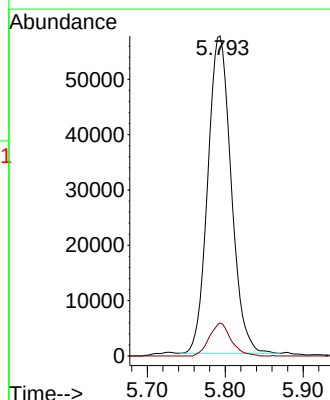
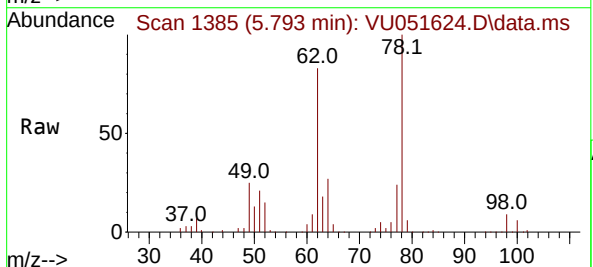
Instrument :
MSVOA_U
ClientSampleId :
DBWW9MS

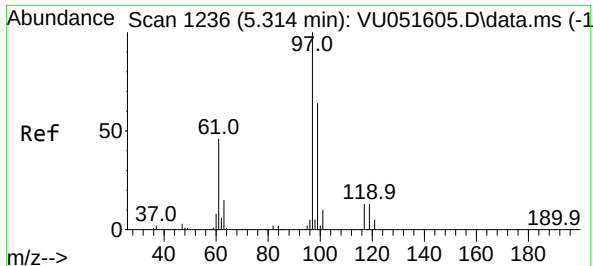
Tgt Ion: 83 Resp: 200359
Ion Ratio Lower Upper
83 100
85 65.7 45.2 84.0



#27
1,2-Dichloroethane
Concen: 5.254 ug/L
RT: 5.793 min Scan# 1385
Delta R.T. 0.000 min
Lab File: VU051624.D
Acq: 31 Oct 2022 20:29

Tgt Ion: 62 Resp: 119578
Ion Ratio Lower Upper
62 100
98 10.3 7.4 11.0

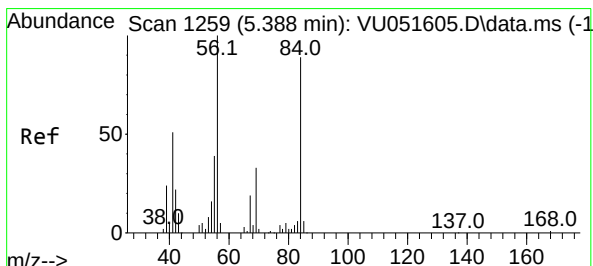
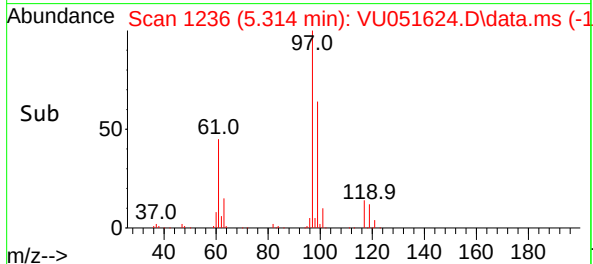
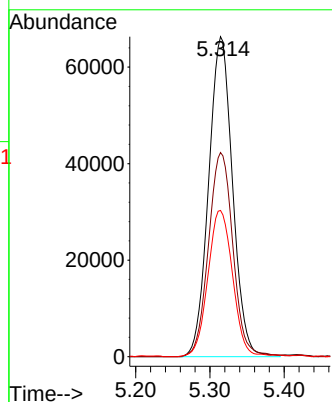
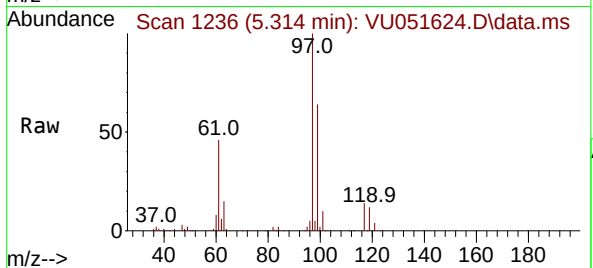




#29
1,1,1-Trichloroethane
Concen: 5.072 ug/L
RT: 5.314 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU051624.D
Acq: 31 Oct 2022 20:29

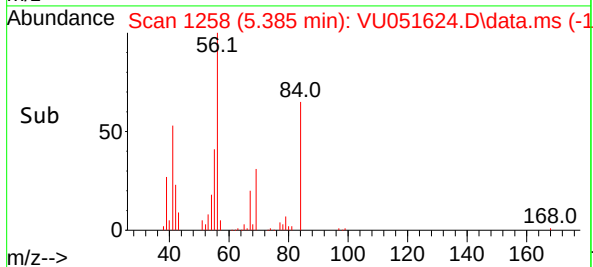
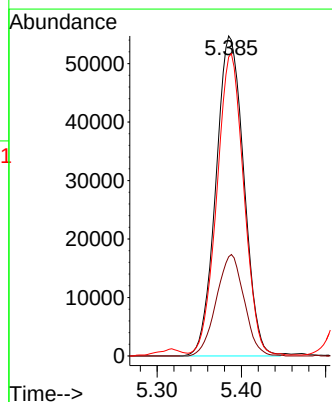
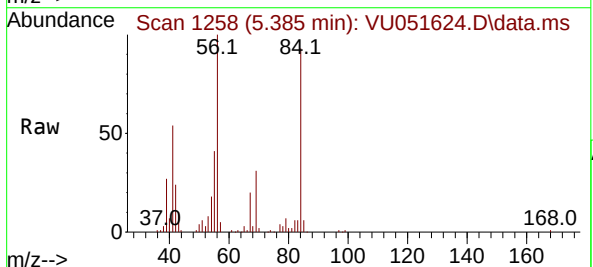
Instrument :
MSVOA_U
ClientSampleId :
DBWW9MS

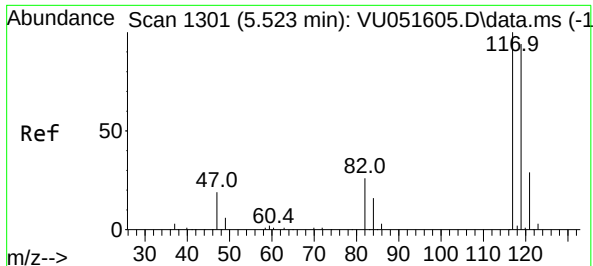
Tgt Ion: 97 Resp: 148475
Ion Ratio Lower Upper
97 100
99 65.3 51.1 76.7
61 47.2 37.4 56.0



#30
Cyclohexane
Concen: 4.666 ug/L
RT: 5.385 min Scan# 1258
Delta R.T. -0.003 min
Lab File: VU051624.D
Acq: 31 Oct 2022 20:29

Tgt Ion: 56 Resp: 125770
Ion Ratio Lower Upper
56 100
69 31.5 25.4 38.0
84 91.0 71.4 107.0

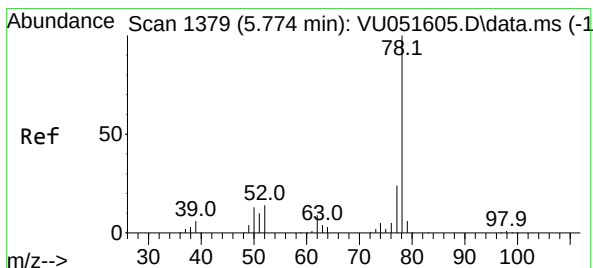
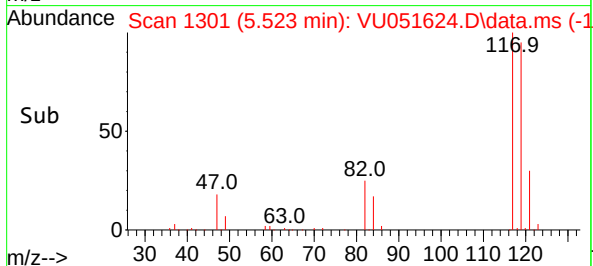
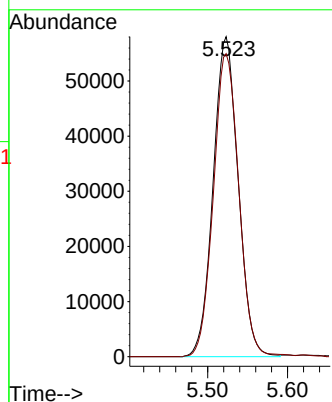
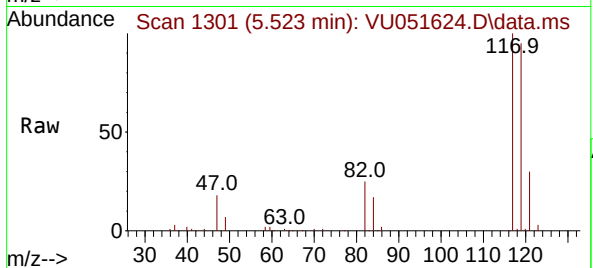




#31
Carbon tetrachloride
Concen: 5.033 ug/L
RT: 5.523 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU051624.D
Acq: 31 Oct 2022 20:29

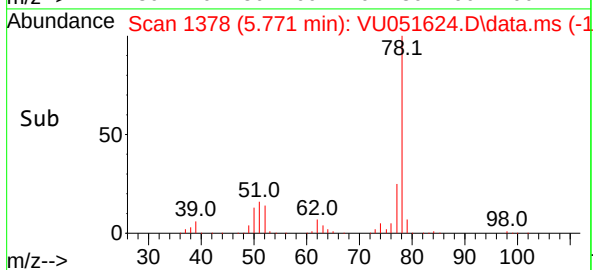
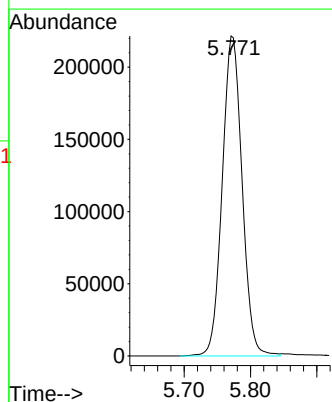
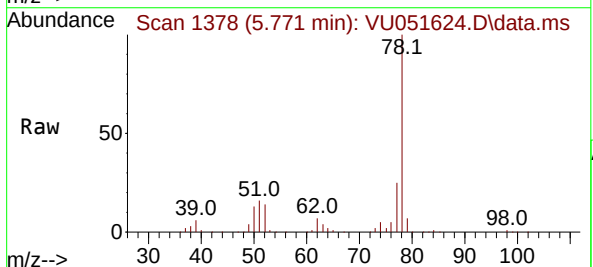
Instrument :
MSVOA_U
ClientSampleId :
DBWW9MS

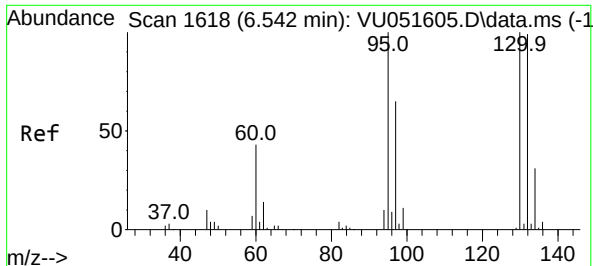
Tgt Ion:117 Resp: 126002
Ion Ratio Lower Upper
117 100
119 96.4 77.5 116.3



#33
Benzene
Concen: 5.426 ug/L
RT: 5.771 min Scan# 1378
Delta R.T. -0.003 min
Lab File: VU051624.D
Acq: 31 Oct 2022 20:29

Tgt Ion: 78 Resp: 461633

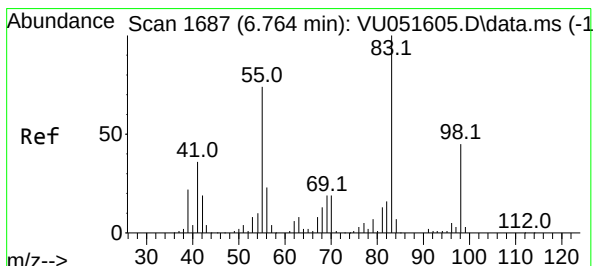
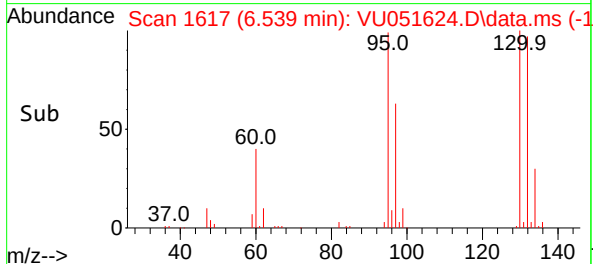
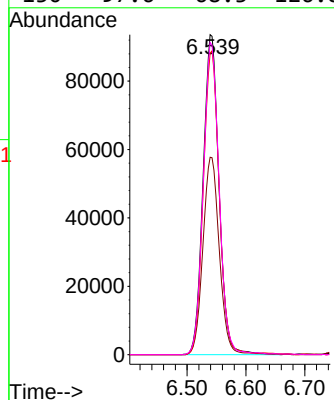
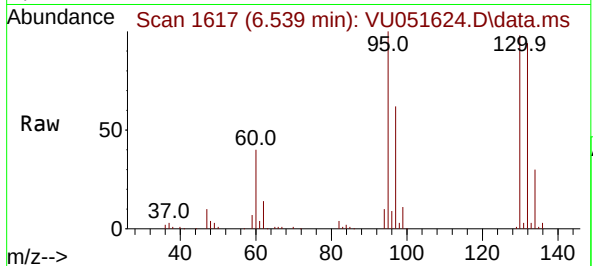




#34
Trichloroethene
Concen: 8.555 ug/L
RT: 6.539 min Scan# 1
Delta R.T. -0.003 min
Lab File: VU051624.D
Acq: 31 Oct 2022 20:29

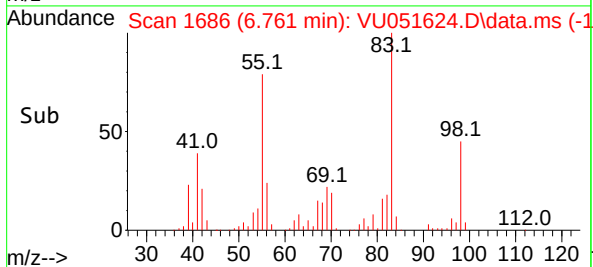
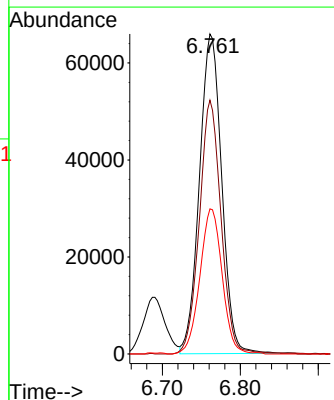
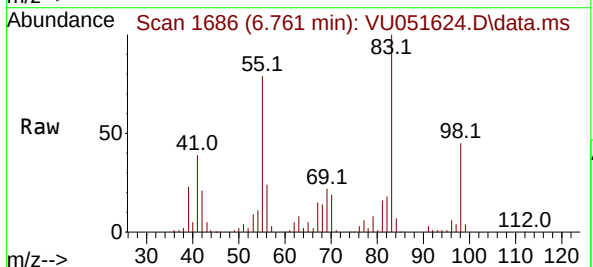
Instrument :
MSVOA_U
ClientSampleId :
DBWW9MS

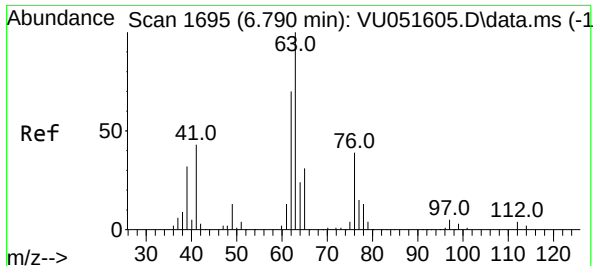
Tgt Ion: 95 Resp: 175662
Ion Ratio Lower Upper
95 100
97 61.7 45.2 84.0
132 94.2 66.5 123.5
130 97.6 68.3 126.8



#35
Methylcyclohexane
Concen: 4.608 ug/L
RT: 6.761 min Scan# 1686
Delta R.T. -0.003 min
Lab File: VU051624.D
Acq: 31 Oct 2022 20:29

Tgt Ion: 83 Resp: 130817
Ion Ratio Lower Upper
83 100
55 77.5 60.6 90.8
98 45.5 35.8 53.6





#37

1,2-Dichloropropane

Concen: 5.364 ug/L

RT: 6.790 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU051624.D

Acq: 31 Oct 2022 20:29

Instrument :

MSVOA_U

ClientSampleId :

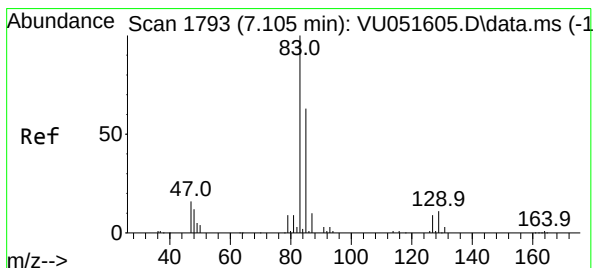
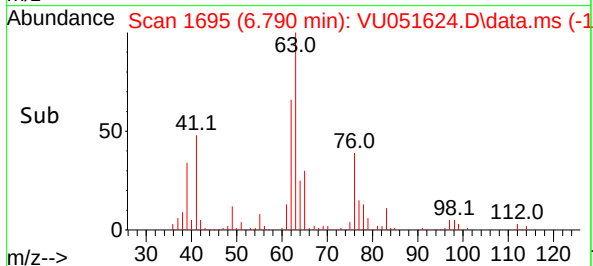
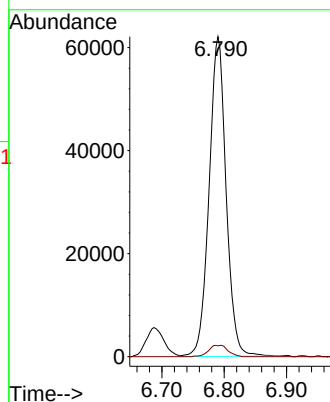
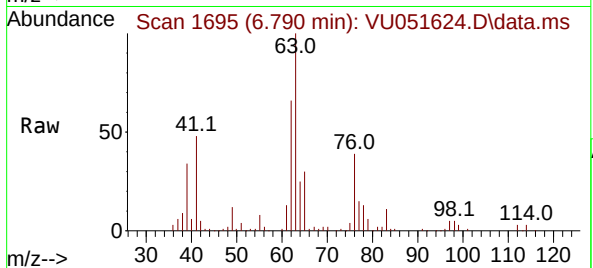
DBWW9MS

Tgt Ion: 63 Resp: 117388

Ion Ratio Lower Upper

63 100

112 4.0 3.3 4.9



#38

Bromodichloromethane

Concen: 5.304 ug/L

RT: 7.105 min Scan# 1793

Delta R.T. 0.000 min

Lab File: VU051624.D

Acq: 31 Oct 2022 20:29

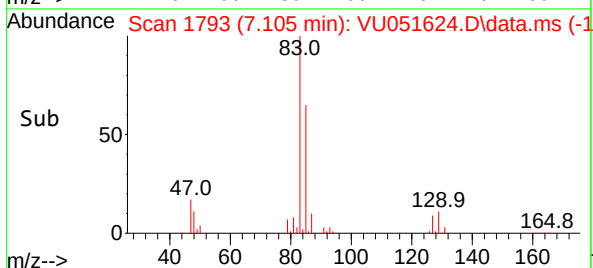
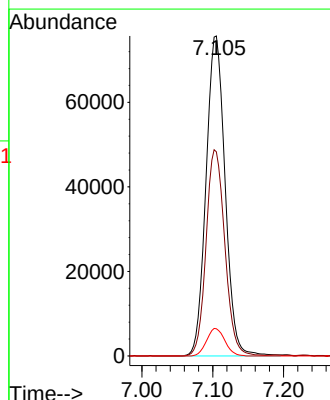
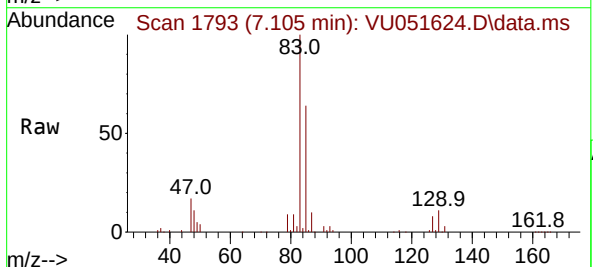
Tgt Ion: 83 Resp: 141781

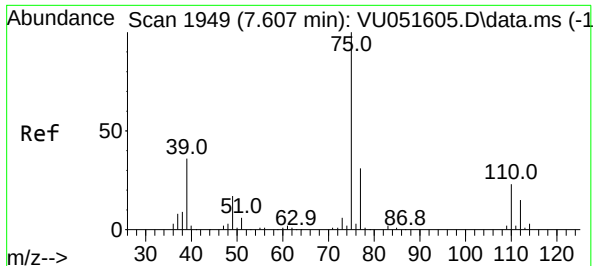
Ion Ratio Lower Upper

83 100

85 63.8 45.1 83.7

127 8.5 6.6 9.8





#39

cis-1,3-Dichloropropene

Concen: 4.950 ug/L

RT: 7.607 min Scan# 1949

Delta R.T. 0.000 min

Lab File: VU051624.D

Acq: 31 Oct 2022 20:29

Instrument :

MSVOA_U

ClientSampleId :

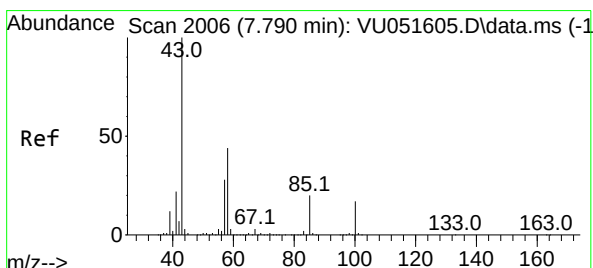
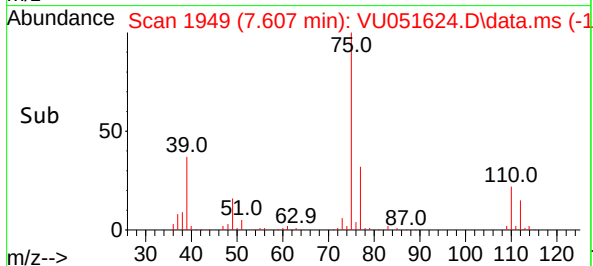
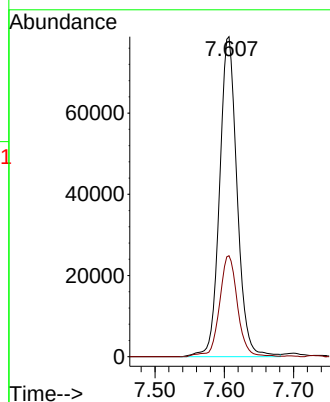
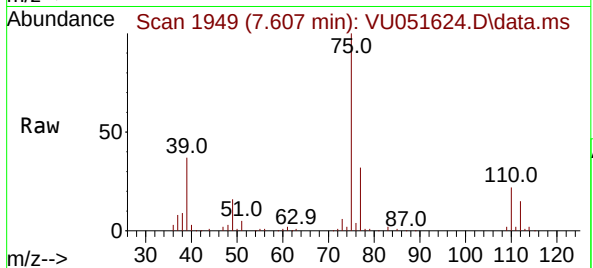
DBWW9MS

Tgt Ion: 75 Resp: 138967

Ion Ratio Lower Upper

75 100

77 31.6 22.5 41.9



#40

4-Methyl-2-pentanone

Concen: 54.443 ug/L

RT: 7.790 min Scan# 2006

Delta R.T. 0.000 min

Lab File: VU051624.D

Acq: 31 Oct 2022 20:29

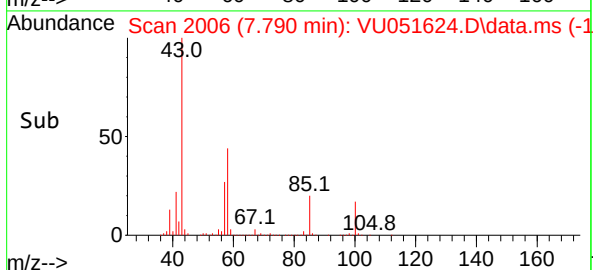
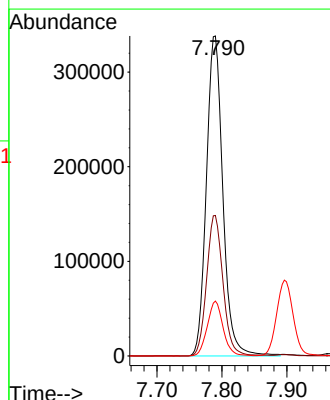
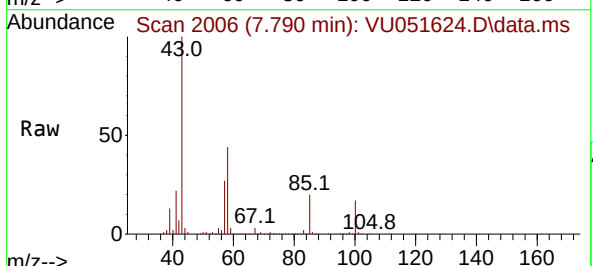
Tgt Ion: 43 Resp: 597578

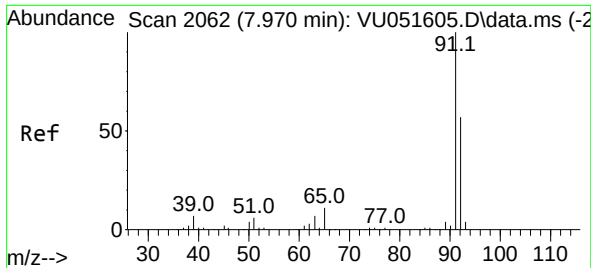
Ion Ratio Lower Upper

43 100

58 43.8 35.0 52.6

100 16.5 13.4 20.0





#42

Toluene

Concen: 5.333 ug/L

RT: 7.967 min Scan# 2062

Delta R.T. -0.003 min

Lab File: VU051624.D

Acq: 31 Oct 2022 20:29

Instrument :

MSVOA_U

ClientSampleId :

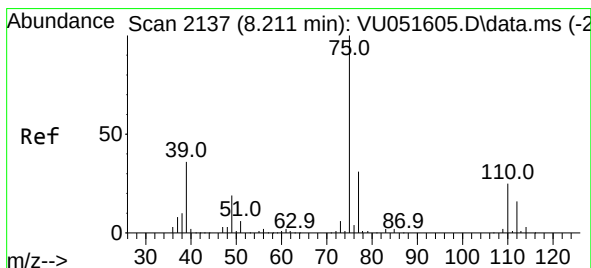
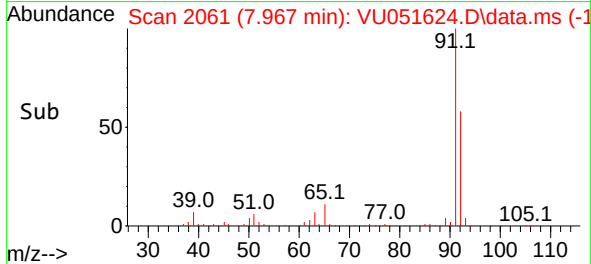
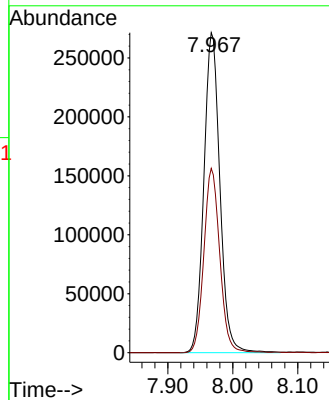
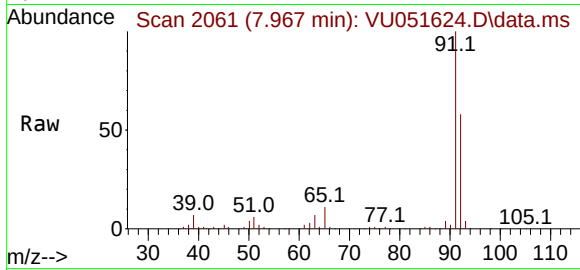
DBWW9MS

Tgt Ion: 91 Resp: 465995

Ion Ratio Lower Upper

91 100

92 57.6 40.5 75.3



#44

trans-1,3-Dichloropropene

Concen: 5.156 ug/L

RT: 8.208 min Scan# 2136

Delta R.T. -0.003 min

Lab File: VU051624.D

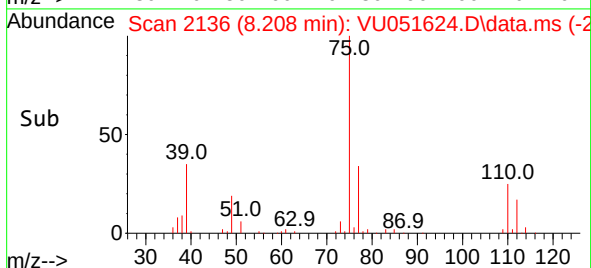
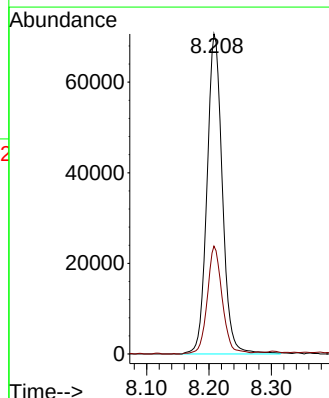
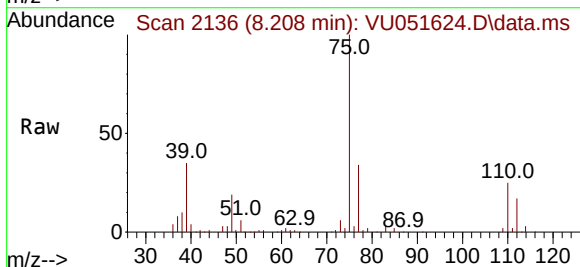
Acq: 31 Oct 2022 20:29

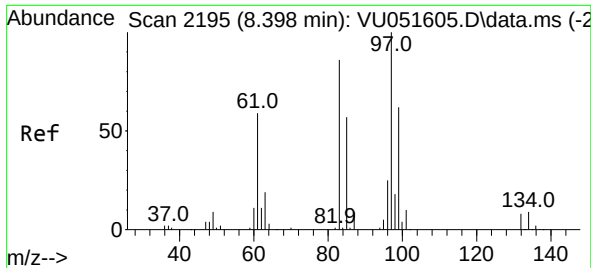
Tgt Ion: 75 Resp: 120961

Ion Ratio Lower Upper

75 100

77 33.7 21.8 40.6

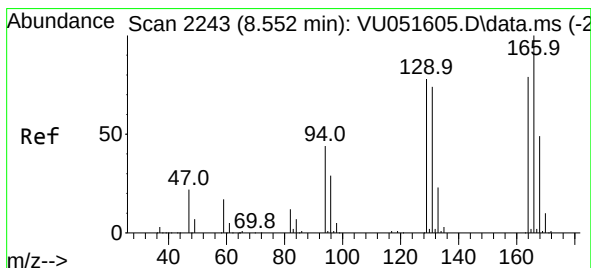
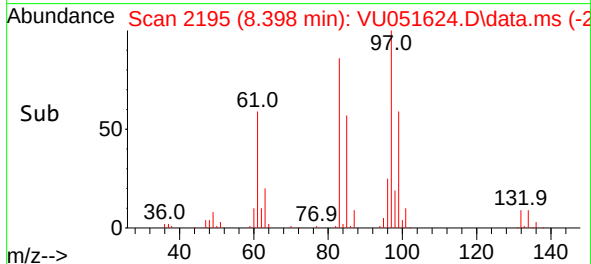
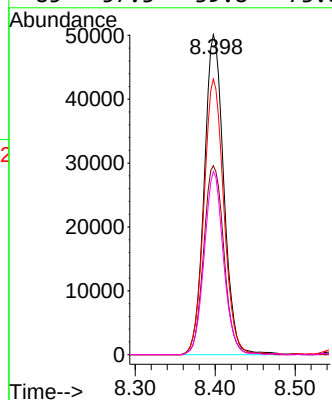
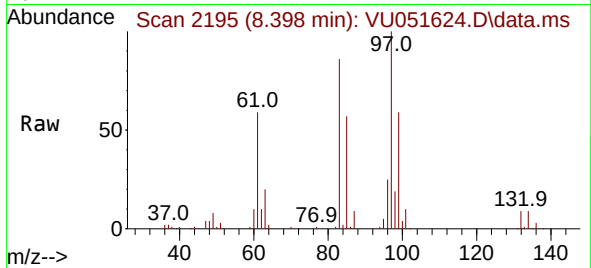




#45
1,1,2-Trichloroethane
Concen: 5.331 ug/L
RT: 8.398 min Scan# 2195
Delta R.T. 0.000 min
Lab File: VU051624.D
Acq: 31 Oct 2022 20:29

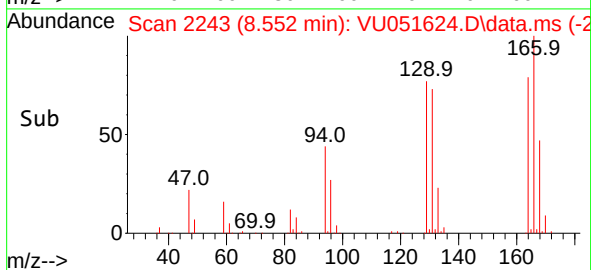
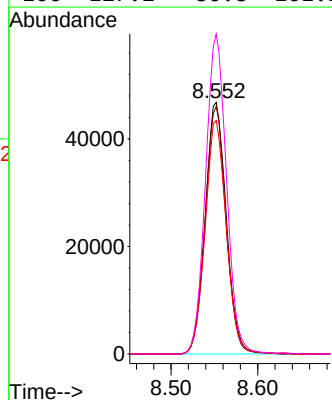
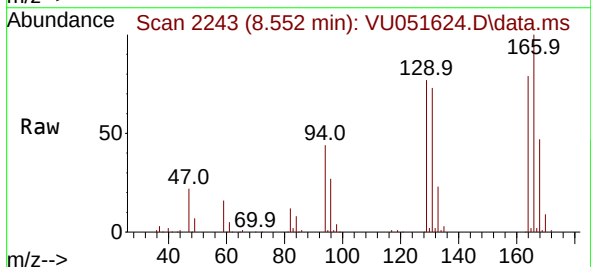
Instrument :
MSVOA_U
ClientSampleId :
DBWW9MS

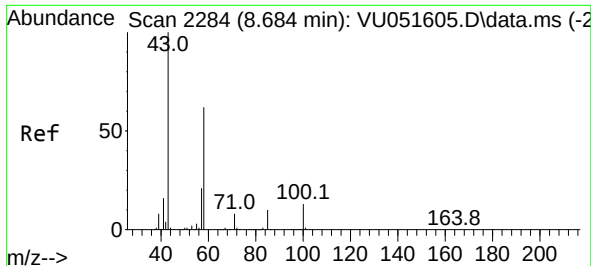
Tgt Ion: 97	Resp: 85481
Ion Ratio	Lower Upper
97 100	
99 59.1	43.4 80.6
83 86.2	61.3 113.9
85 57.3	39.8 73.8



#47
Tetrachloroethene
Concen: 5.029 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. 0.000 min
Lab File: VU051624.D
Acq: 31 Oct 2022 20:29

Tgt	Ion:164	Resp:	79085
Ion	Ratio	Lower	Upper
164	100		
129	98.4	64.0	118.8
131	92.8	60.7	112.7
166	127.2	86.8	161.2

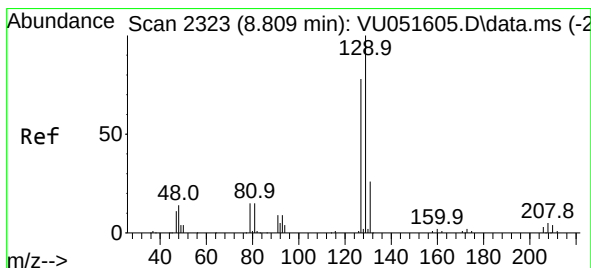
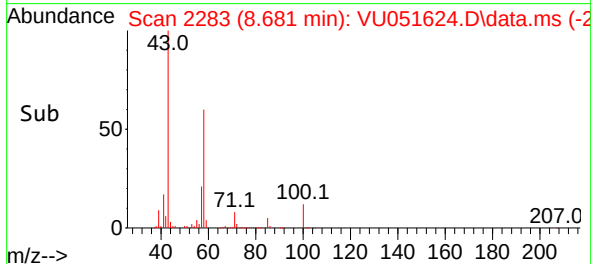
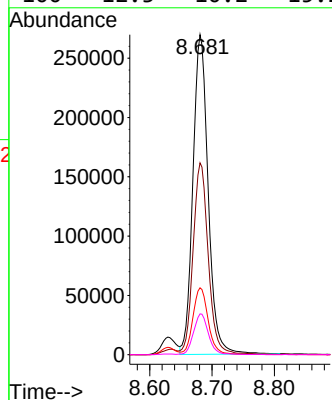
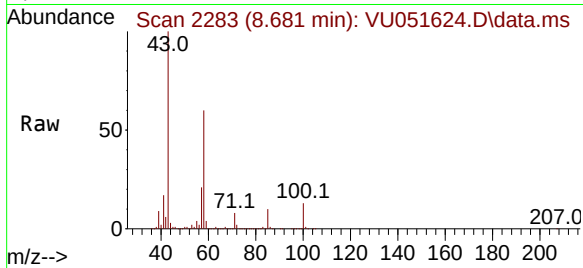




#48
2-Hexanone
Concen: 56.247 ug/L
RT: 8.681 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU051624.D
Acq: 31 Oct 2022 20:29

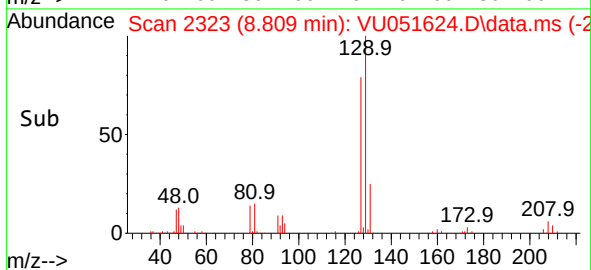
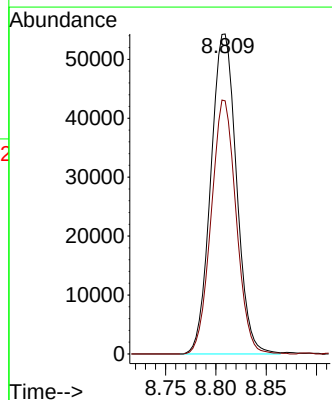
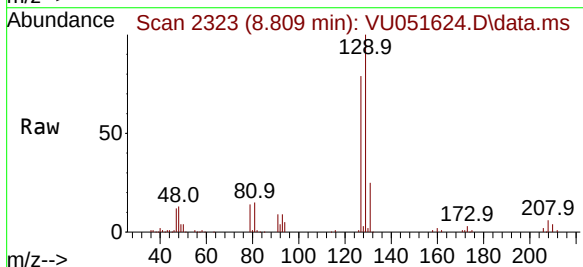
Instrument :
MSVOA_U
ClientSampleId :
DBWW9MS

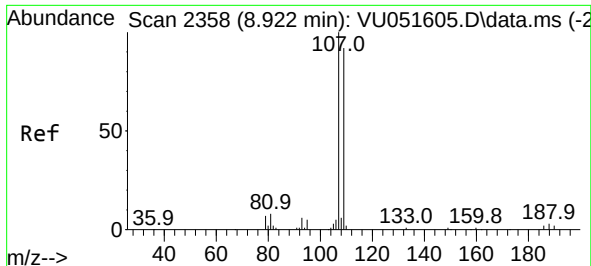
Tgt Ion: 43 Resp: 456988
Ion Ratio Lower Upper
43 100
58 59.7 48.2 72.2
57 20.8 16.6 25.0
100 12.3 10.2 15.2



#49
Dibromochloromethane
Concen: 5.267 ug/L
RT: 8.809 min Scan# 2323
Delta R.T. 0.000 min
Lab File: VU051624.D
Acq: 31 Oct 2022 20:29

Tgt Ion: 129 Resp: 96491
Ion Ratio Lower Upper
129 100
127 79.1 54.8 101.8





#50

1,2-Dibromoethane

Concen: 5.256 ug/L

RT: 8.922 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU051624.D

Acq: 31 Oct 2022 20:29

Instrument :

MSVOA_U

ClientSampleId :

DBVW9MS

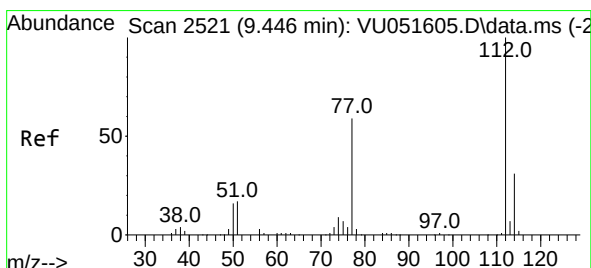
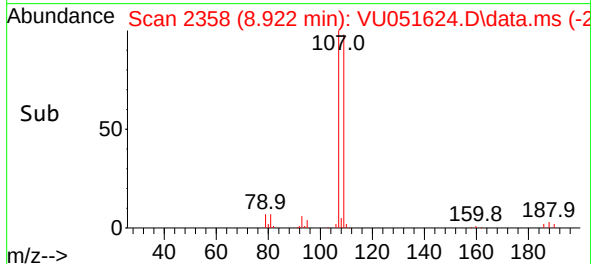
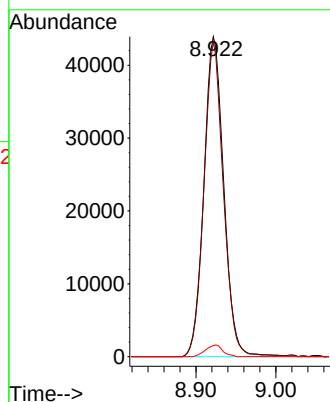
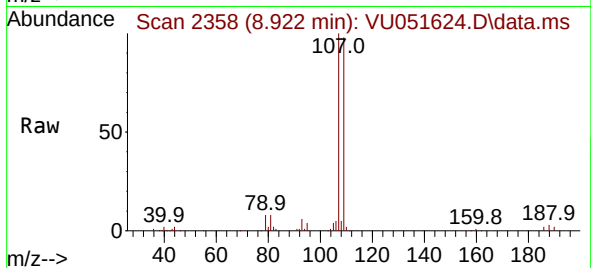
Tgt Ion:107 Resp: 76047

Ion Ratio Lower Upper

107 100

109 98.5 63.0 117.0

188 3.5 3.0 4.4



#51

Chlorobenzene

Concen: 9.673 ug/L

RT: 9.446 min Scan# 2521

Delta R.T. 0.000 min

Lab File: VU051624.D

Acq: 31 Oct 2022 20:29

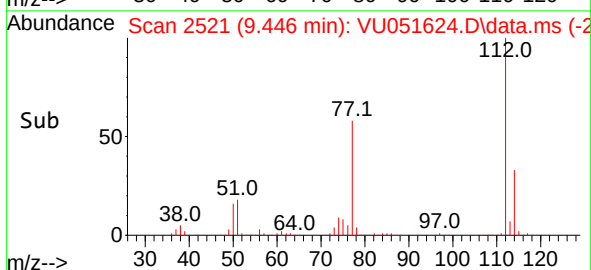
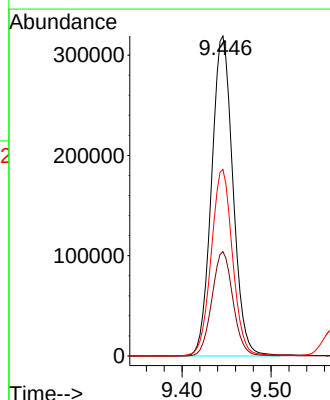
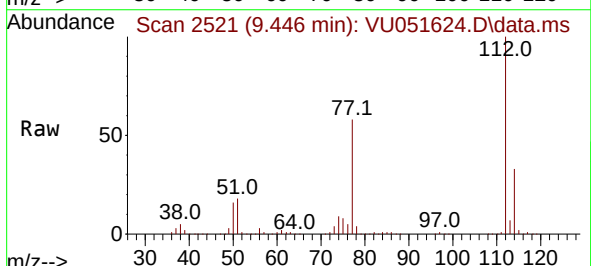
Tgt Ion:112 Resp: 531964

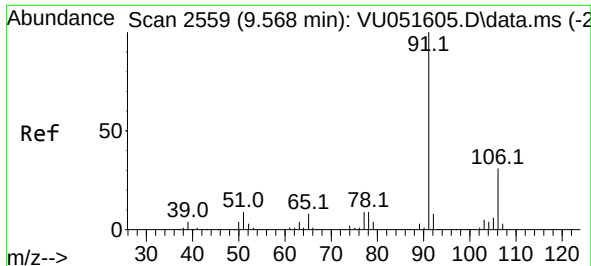
Ion Ratio Lower Upper

112 100

114 32.6 22.0 40.8

77 58.3 46.7 70.1

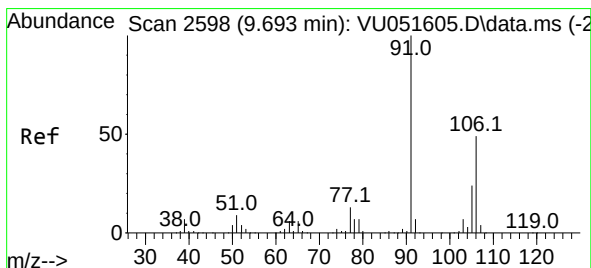
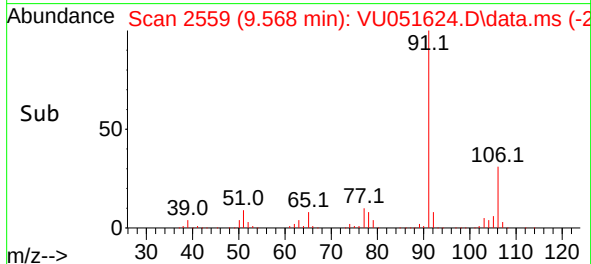
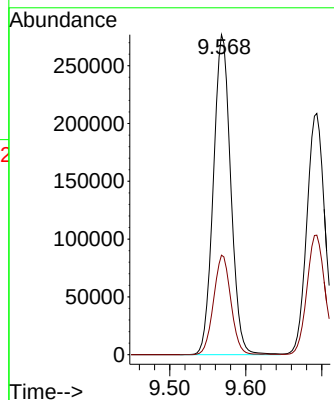
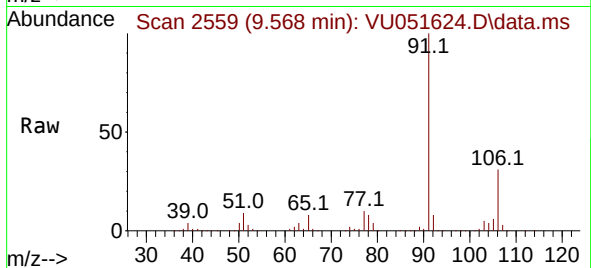




#52
Ethylbenzene
Concen: 5.209 ug/L
RT: 9.568 min Scan# 2559
Delta R.T. 0.000 min
Lab File: VU051624.D
Acq: 31 Oct 2022 20:29

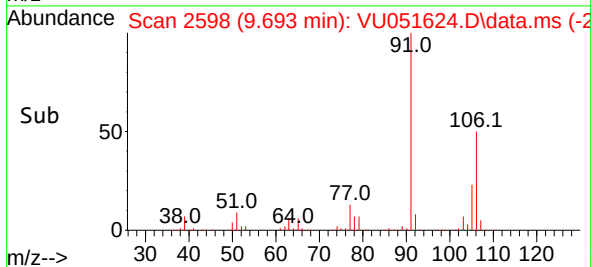
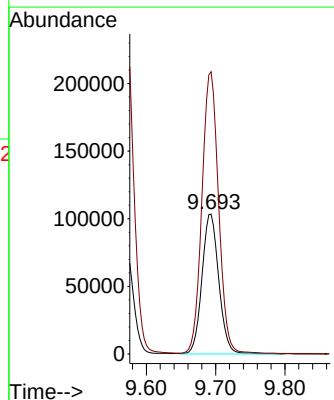
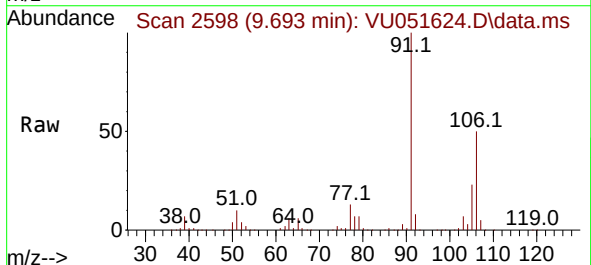
Instrument :
MSVOA_U
ClientSampleId :
DBWW9MS

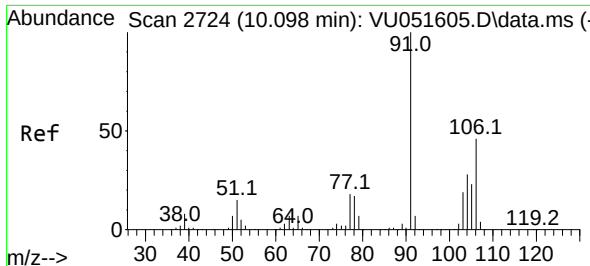
Tgt Ion: 91 Resp: 439196
Ion Ratio Lower Upper
91 100
106 31.1 21.8 40.6



#53
m,p-Xylene
Concen: 5.317 ug/L
RT: 9.693 min Scan# 2598
Delta R.T. 0.000 min
Lab File: VU051624.D
Acq: 31 Oct 2022 20:29

Tgt Ion: 106 Resp: 174109
Ion Ratio Lower Upper
106 100
91 201.7 139.4 259.0

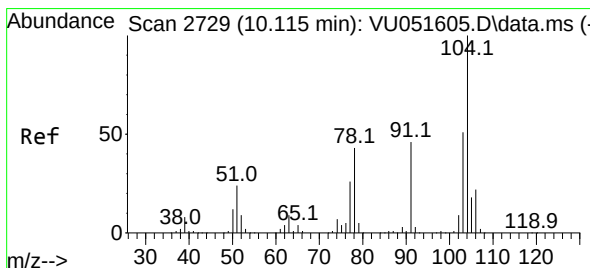
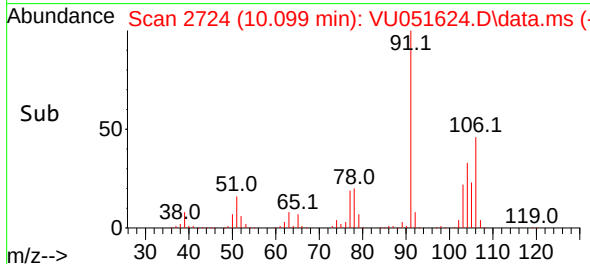
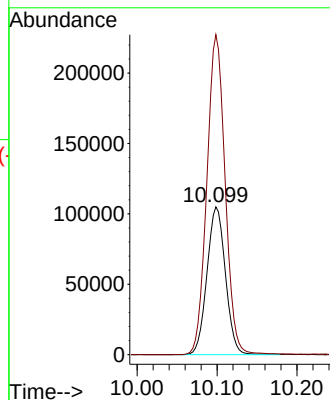
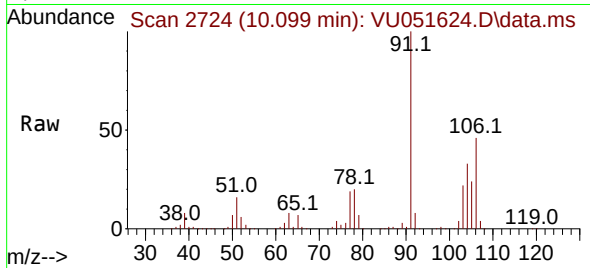




#54
o-Xylene
Concen: 5.279 ug/L
RT: 10.099 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU051624.D
Acq: 31 Oct 2022 20:29

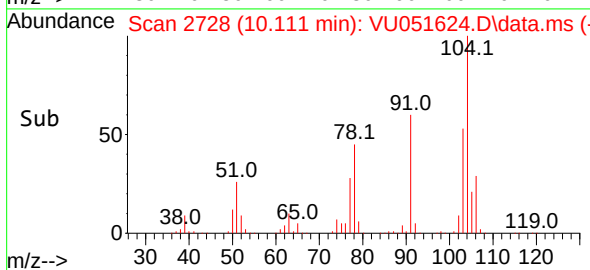
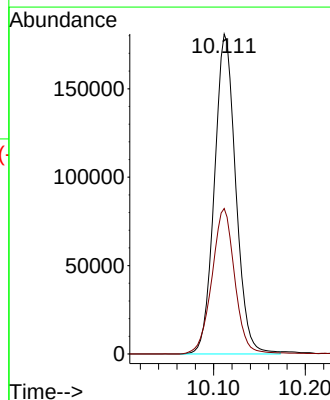
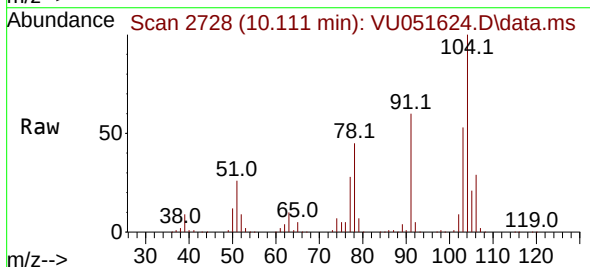
Instrument :
MSVOA_U
ClientSampleId :
DBWW9MS

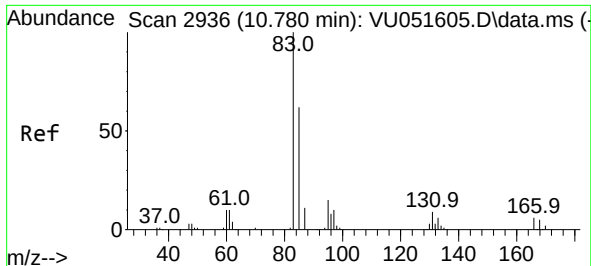
Tgt Ion:106 Resp: 168958
Ion Ratio Lower Upper
106 100
91 216.4 149.2 277.2



#55
Styrene
Concen: 5.473 ug/L
RT: 10.111 min Scan# 2728
Delta R.T. -0.003 min
Lab File: VU051624.D
Acq: 31 Oct 2022 20:29

Tgt Ion:104 Resp: 292861
Ion Ratio Lower Upper
104 100
78 45.5 31.8 59.0





#57

1,1,2,2-Tetrachloroethane

Concen: 5.443 ug/L

RT: 10.780 min Scan# 2936

Delta R.T. 0.000 min

Lab File: VU051624.D

Acq: 31 Oct 2022 20:29

Instrument :

MSVOA_U

ClientSampleId :

DBWW9MS

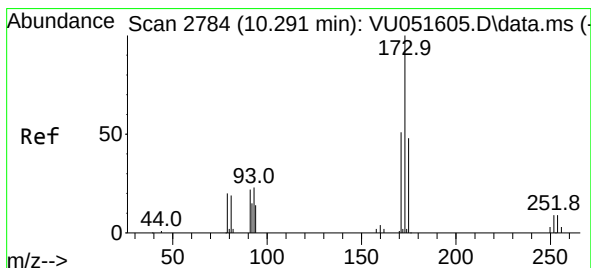
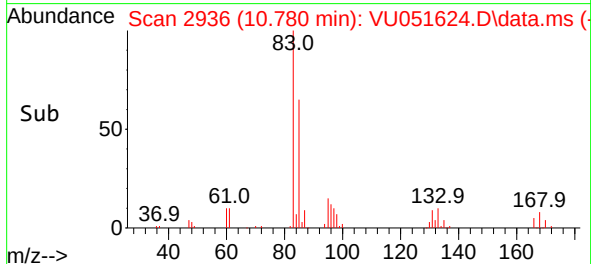
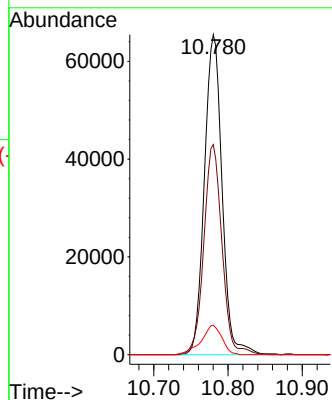
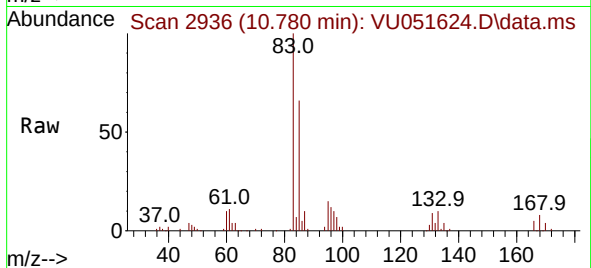
Tgt Ion: 83 Resp: 108224

Ion Ratio Lower Upper

83 100

85 65.7 44.9 83.5

131 9.2 7.8 11.8



#59

Bromoform

Concen: 5.149 ug/L

RT: 10.288 min Scan# 2783

Delta R.T. -0.003 min

Lab File: VU051624.D

Acq: 31 Oct 2022 20:29

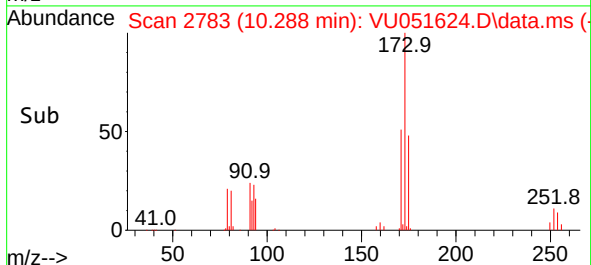
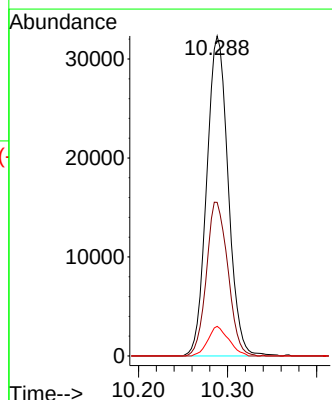
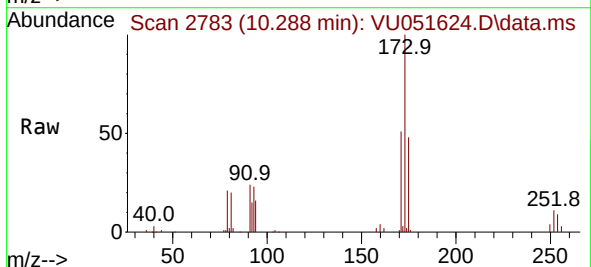
Tgt Ion:173 Resp: 54048

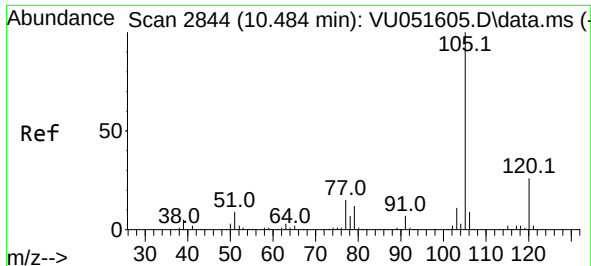
Ion Ratio Lower Upper

173 100

175 48.0 38.7 58.1

254 9.0 7.3 10.9

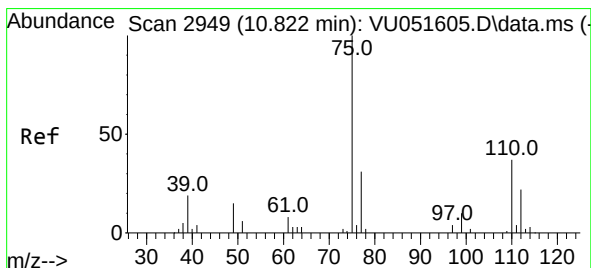
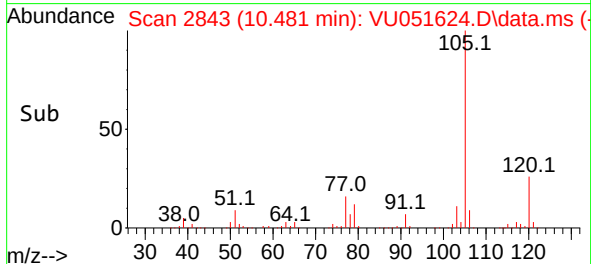
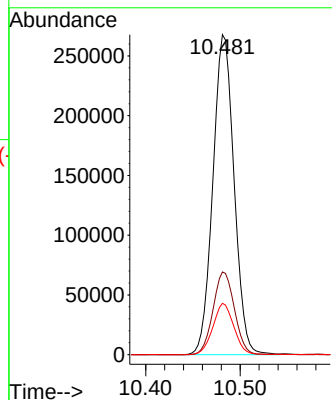
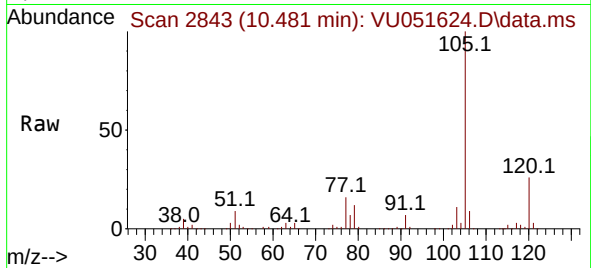




#60
Isopropylbenzene
Concen: 5.029 ug/L
RT: 10.481 min Scan# 2844
Delta R.T. -0.003 min
Lab File: VU051624.D
Acq: 31 Oct 2022 20:29

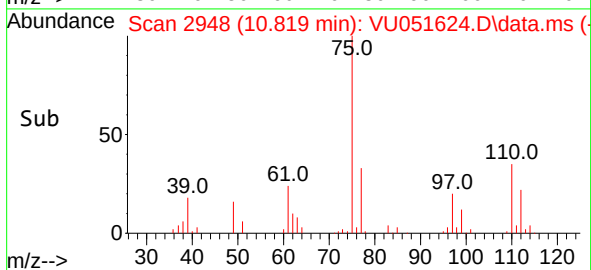
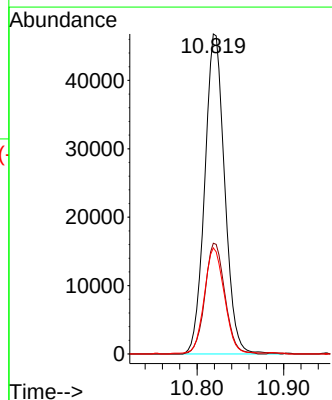
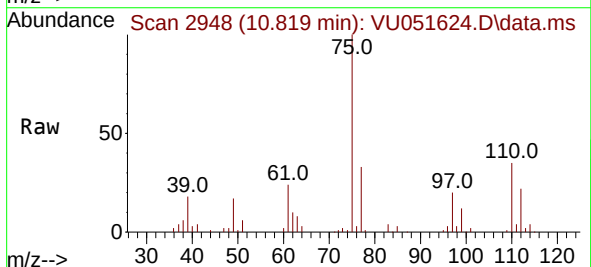
Instrument :
MSVOA_U
ClientSampleId :
DBWW9MS

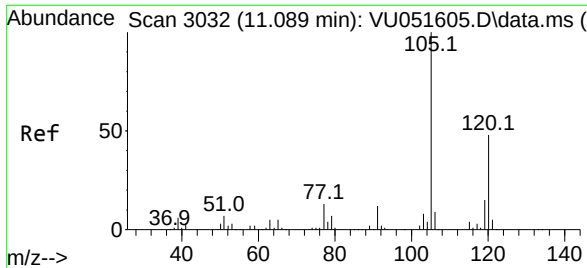
Tgt Ion:105 Resp: 417079
Ion Ratio Lower Upper
105 100
120 26.0 20.9 31.3
77 16.0 12.3 18.5



#61
1,2,3-Trichloropropane
Concen: 5.091 ug/L
RT: 10.819 min Scan# 2948
Delta R.T. -0.003 min
Lab File: VU051624.D
Acq: 31 Oct 2022 20:29

Tgt Ion: 75 Resp: 74790
Ion Ratio Lower Upper
75 100
110 34.7 28.7 43.1
77 33.8 26.1 39.1

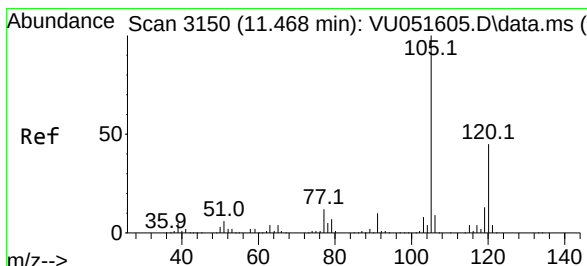
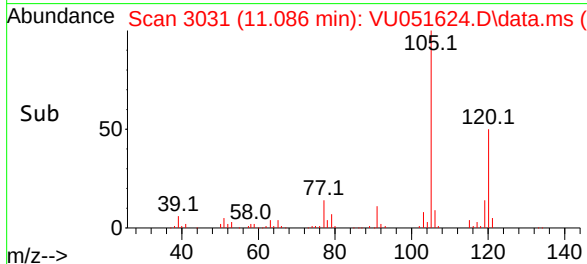
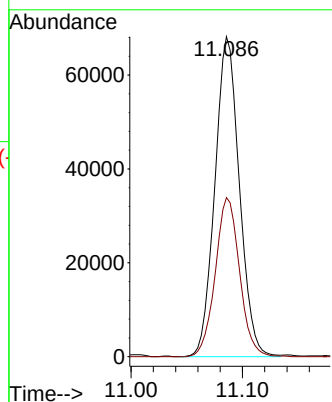
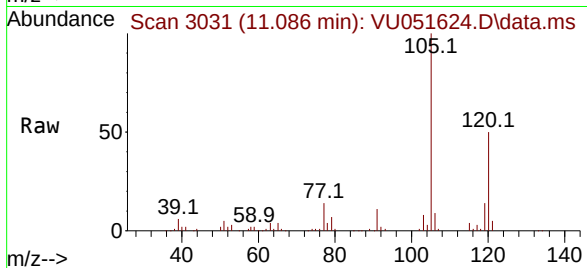




#62
 1,3,5-Trimethylbenzene
 Concen: 4.662 ug/L
 RT: 11.086 min Scan# 3032
 Delta R.T. -0.003 min
 Lab File: VU051624.D
 Acq: 31 Oct 2022 20:29

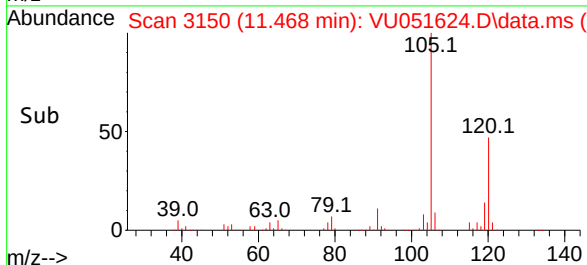
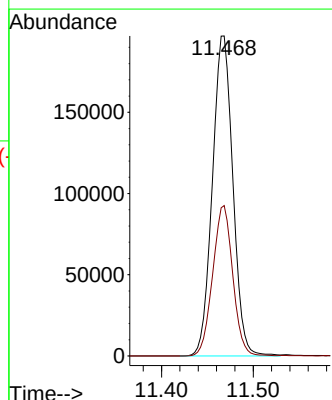
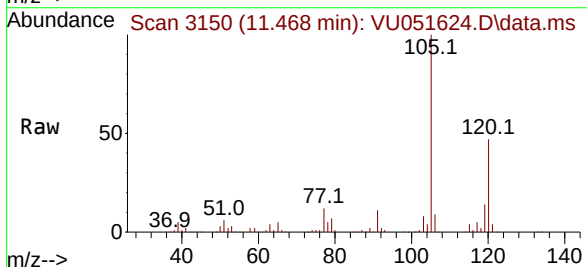
Instrument :
 MSVOA_U
 ClientSampleId :
 DBWW9MS

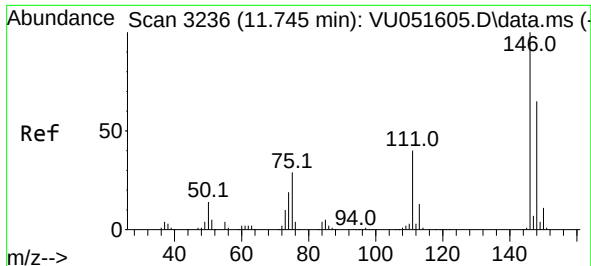
Tgt Ion:105 Resp: 104082
 Ion Ratio Lower Upper
 105 100
 120 49.3 38.6 57.8



#63
 1,2,4-Trimethylbenzene
 Concen: 4.745 ug/L
 RT: 11.468 min Scan# 3150
 Delta R.T. 0.000 min
 Lab File: VU051624.D
 Acq: 31 Oct 2022 20:29

Tgt Ion:105 Resp: 305488
 Ion Ratio Lower Upper
 105 100
 120 46.0 35.8 53.6

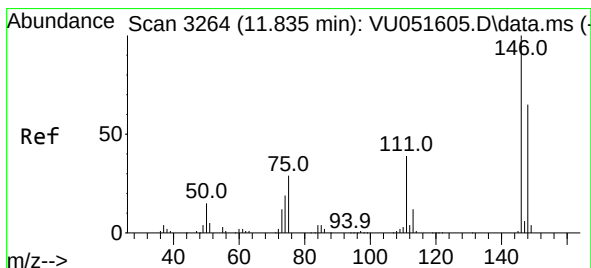
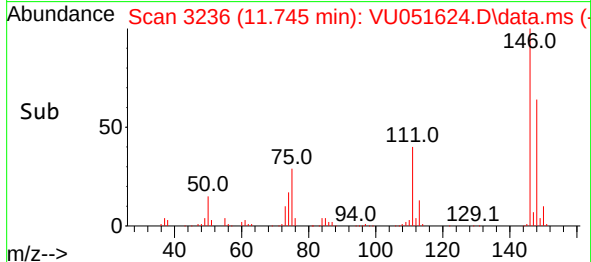
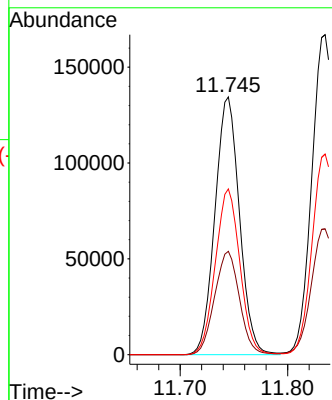
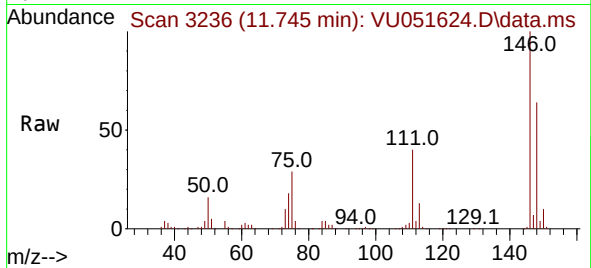




#64
1,3-Dichlorobenzene
Concen: 5.169 ug/L
RT: 11.745 min Scan# 3236
Delta R.T. 0.000 min
Lab File: VU051624.D
Acq: 31 Oct 2022 20:29

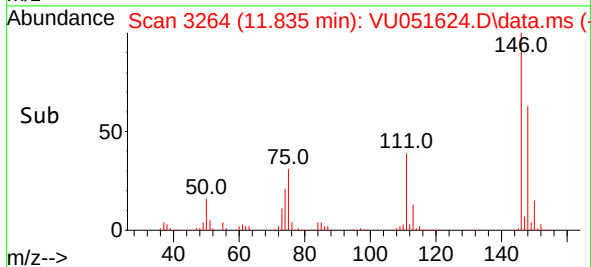
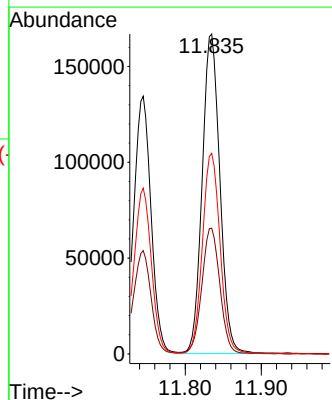
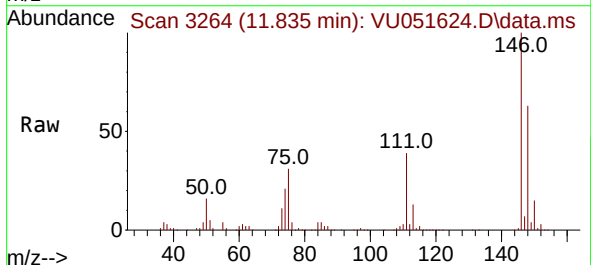
Instrument :
MSVOA_U
ClientSampleId :
DBWW9MS

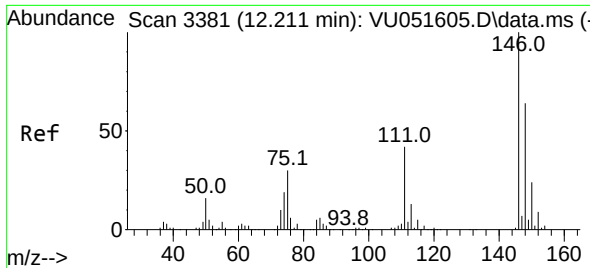
Tgt Ion:146 Resp: 213409
Ion Ratio Lower Upper
146 100
111 40.1 28.6 53.2
148 64.3 44.7 82.9



#65
1,4-Dichlorobenzene
Concen: 6.516 ug/L
RT: 11.835 min Scan# 3264
Delta R.T. 0.000 min
Lab File: VU051624.D
Acq: 31 Oct 2022 20:29

Tgt Ion:146 Resp: 269752
Ion Ratio Lower Upper
146 100
111 39.3 26.7 49.5
148 62.7 43.5 80.9

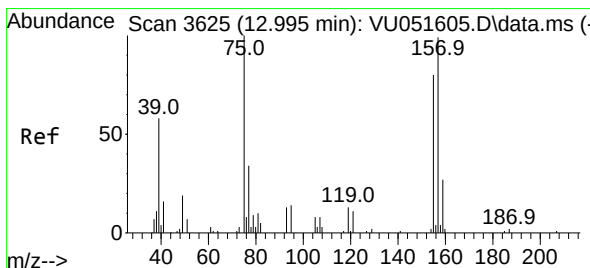
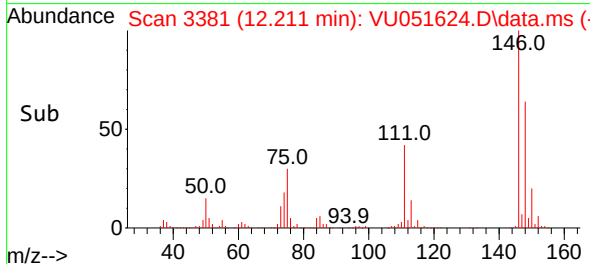
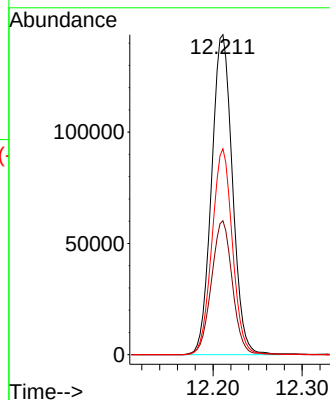
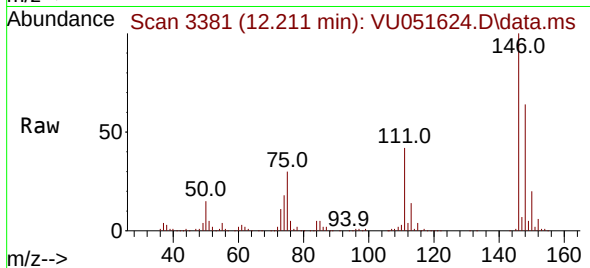




#67
1,2-Dichlorobenzene
Concen: 5.817 ug/L
RT: 12.211 min Scan# 311
Delta R.T. 0.000 min
Lab File: VU051624.D
Acq: 31 Oct 2022 20:29

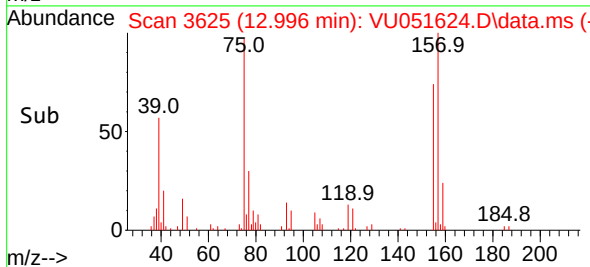
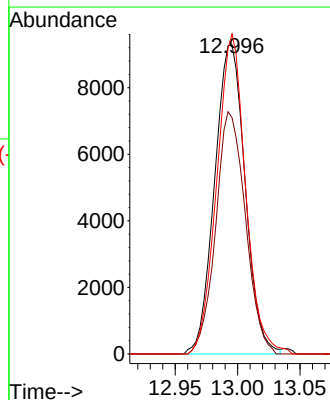
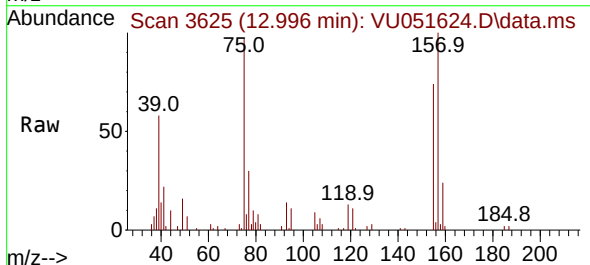
Instrument :
MSVOA_U
ClientSampleId :
DBWW9MS

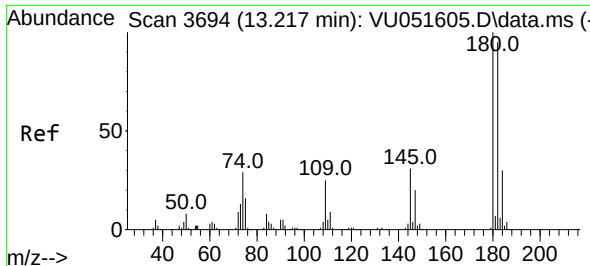
Tgt Ion:146 Resp: 233927
Ion Ratio Lower Upper
146 100
111 41.9 34.2 51.2
148 64.3 50.1 75.1



#68
1,2-Dibromo-3-chloropropane
Concen: 5.243 ug/L
RT: 12.996 min Scan# 3625
Delta R.T. 0.000 min
Lab File: VU051624.D
Acq: 31 Oct 2022 20:29

Tgt Ion: 75 Resp: 15860
Ion Ratio Lower Upper
75 100
155 76.5 61.4 92.2
157 103.6 86.7 130.1

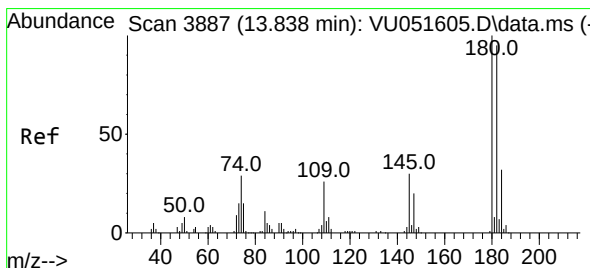
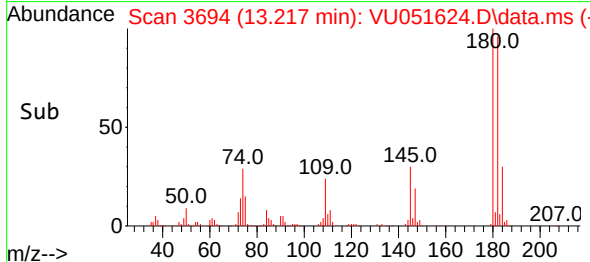
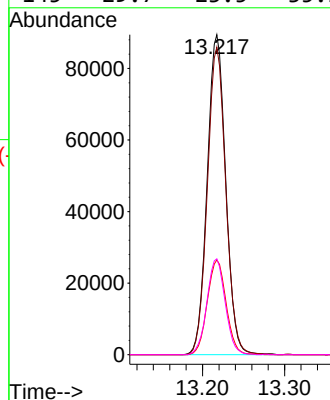
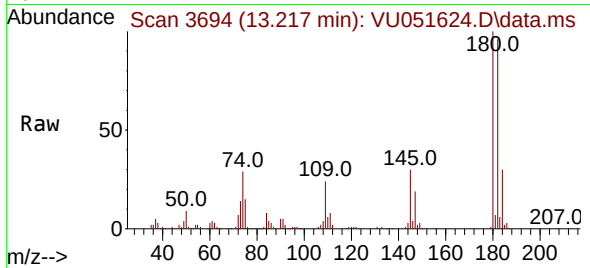




#69
 1,3,5-Trichlorobenzene
 Concen: 4.762 ug/L
 RT: 13.217 min Scan# 3694
 Delta R.T. 0.000 min
 Lab File: VU051624.D
 Acq: 31 Oct 2022 20:29

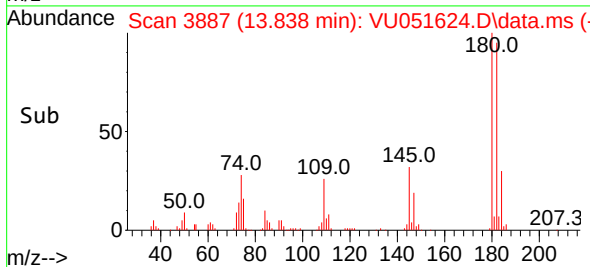
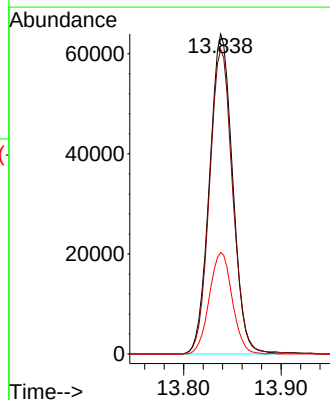
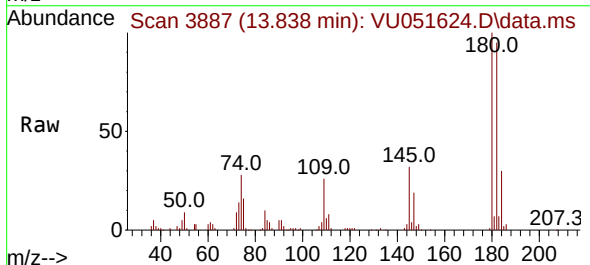
Instrument :
 MSVOA_U
 ClientSampleId :
 DBWW9MS

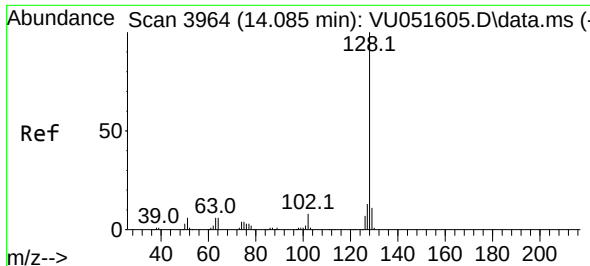
Tgt Ion:	180	Resp:	140127
Ion Ratio	Lower	Upper	
180	100		
182	95.8	77.0	115.6
184	30.1	23.7	35.5
145	29.7	23.5	35.3



#70
 1,2,4-trichlorobenzene
 Concen: 4.667 ug/L
 RT: 13.838 min Scan# 3887
 Delta R.T. 0.000 min
 Lab File: VU051624.D
 Acq: 31 Oct 2022 20:29

Tgt Ion:	180	Resp:	105441
Ion Ratio	Lower	Upper	
180	100		
182	95.4	77.8	116.6
145	31.4	25.0	37.6

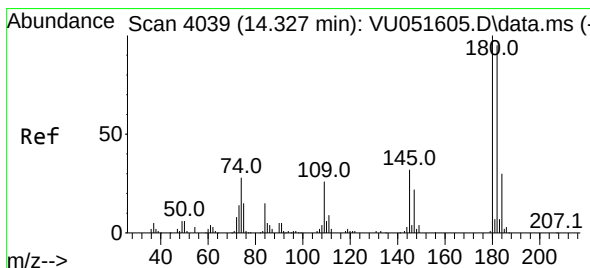
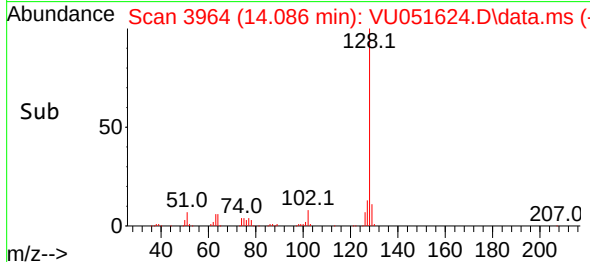
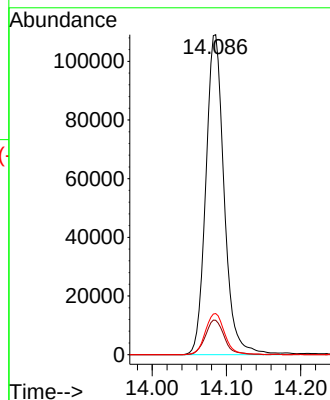
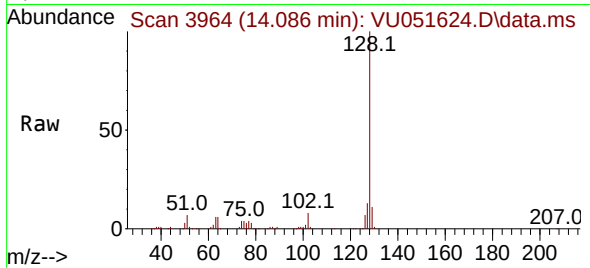




#71
Naphthalene
Concen: 4.427 ug/L
RT: 14.086 min Scan# 3964
Delta R.T. 0.000 min
Lab File: VU051624.D
Acq: 31 Oct 2022 20:29

Instrument :
MSVOA_U
ClientSampleId :
DBWW9MS

Tgt Ion:128 Resp: 186697
Ion Ratio Lower Upper
128 100
129 11.2 8.4 12.6
127 13.6 10.3 15.5



#72
1,2,3-Trichlorobenzene
Concen: 4.729 ug/L
RT: 14.327 min Scan# 4039
Delta R.T. 0.000 min
Lab File: VU051624.D
Acq: 31 Oct 2022 20:29

Tgt Ion:180 Resp: 107891
Ion Ratio Lower Upper
180 100
182 95.3 76.1 114.1
145 32.3 25.6 38.4

