

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU103122\
 Data File : VU051625.D
 Acq On : 31 Oct 2022 20:55
 Operator : JC/MD
 Sample : N5353-15MSD
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DBWW9MSD

Quant Time: Nov 01 01:30:41 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	202853	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	210152	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	111024	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	51451	3.368	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	67.400%
7) Chloroethane-d5	1.909	69	62214	3.905	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	78.000%
11) 1,1-Dichloroethene-d2	2.565	65	18459	3.329	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	66.600%
20) 2-Butanone-d5	4.617	46	290460	52.496	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.000%
24) Chloroform-d	5.060	84	159773	4.469	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.400%
26) 1,2-Dichloroethane-d4	5.700	65	88709	4.593	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.800%
32) Benzene-d6	5.726	84	271826	4.099	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.000%
36) 1,2-Dichloropropane-d6	6.690	67	102777	4.432	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.600%
41) Toluene-d8	7.896	98	216224	4.146	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.000%
43) trans-1,3-Dichloroprop...	8.179	79	31004	4.373	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.400%
46) 2-Hexanone-d5	8.629	63	229907	53.862	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	107.720%
56) 1,1,2,2-Tetrachloroeth...	10.755	84	104878	4.935	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.800%
66) 1,2-Dichlorobenzene-d4	12.189	152	85539	4.198	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	84.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	115475	5.205	ug/L	99
3) Chloromethane	1.523	50	133565	4.776	ug/L	100
5) Vinyl chloride	1.601	62	145797	5.443	ug/L	# 50
6) Bromomethane	1.848	94	29935	2.357	ug/L	95
8) Chloroethane	1.929	64	90274	5.550	ug/L	95
9) Trichlorofluoromethane	2.134	101	156593	5.325	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	90586	5.240	ug/L	98
12) 1,1-Dichloroethene	2.578	96	93759	5.317	ug/L	91
13) Acetone	2.620	43	148667	52.956	ug/L	100
14) Carbon disulfide	2.790	76	298882	5.257	ug/L	100
15) Methyl Acetate	2.948	43	35957	4.892	ug/L	97
16) Methylene chloride	3.041	84	116129	4.020	ug/L	99
17) Methyl tert-butyl Ether	3.359	73	225998	5.589	ug/L	99
18) trans-1,2-Dichloroethene	3.350	96	241207	12.745	ug/L	100
19) 1,1-Dichloroethane	3.867	63	220899	6.328	ug/L	99
21) 2-Butanone	4.697	43	254245	57.830	ug/L	99
22) cis-1,2-Dichloroethene	4.662	96	748539	35.744	ug/L	99
23) Bromochloromethane	4.973	128	52847	5.397	ug/L	98
25) Chloroform	5.086	83	192551	5.317	ug/L	99

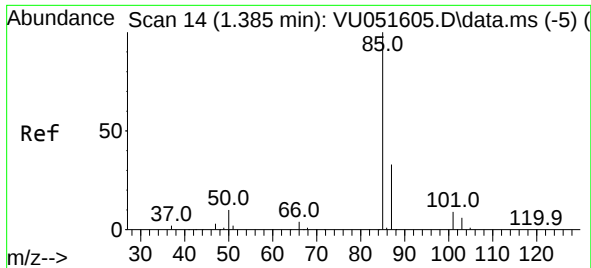
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU103122\
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.790	62	119271	5.352	ug/L	96
29) 1,1,1-Trichloroethane	5.314	97	150653	5.280	ug/L	98
30) Cyclohexane	5.388	56	134733	5.128	ug/L	98
31) Carbon tetrachloride	5.523	117	124972	5.121	ug/L	99
33) Benzene	5.771	78	457694	5.519	ug/L	100
34) Trichloroethene	6.539	95	169040	8.446	ug/L	99
35) Methylcyclohexane	6.761	83	134507	4.861	ug/L	97
37) 1,2-Dichloropropane	6.790	63	114642	5.374	ug/L	100
38) Bromodichloromethane	7.102	83	137039	5.260	ug/L	99
39) cis-1,3-Dichloropropene	7.607	75	138354	5.056	ug/L	98
40) 4-Methyl-2-pentanone	7.787	43	597281	55.826	ug/L	99
42) Toluene	7.967	91	458283	5.381	ug/L	99
44) trans-1,3-Dichloropropene	8.208	75	121632	5.319	ug/L	99
45) 1,1,2-Trichloroethane	8.398	97	82653	5.288	ug/L	99
47) Tetrachloroethene	8.552	164	78531	5.123	ug/L	97
48) 2-Hexanone	8.681	43	451147	56.968	ug/L	100
49) Dibromochloromethane	8.806	129	93983	5.263	ug/L	100
50) 1,2-Dibromoethane	8.922	107	75401	5.347	ug/L	94
51) Chlorobenzene	9.446	112	532102	9.926	ug/L	99
52) Ethylbenzene	9.568	91	433117	5.270	ug/L	100
53) m,p-Xylene	9.694	106	171433	5.371	ug/L	97
54) o-Xylene	10.099	106	168141	5.390	ug/L	98
55) Styrene	10.112	104	291034	5.580	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.780	83	108970	5.622	ug/L	99
59) Bromoform	10.288	173	53215	5.187	ug/L	99
60) Isopropylbenzene	10.481	105	415823	5.130	ug/L	100
61) 1,2,3-Trichloropropane	10.819	75	75463	5.256	ug/L	98
62) 1,3,5-Trimethylbenzene	11.086	105	104234	4.777	ug/L	97
63) 1,2,4-Trimethylbenzene	11.465	105	307551	4.888	ug/L	100
64) 1,3-Dichlorobenzene	11.742	146	213280	5.286	ug/L	99
65) 1,4-Dichlorobenzene	11.832	146	265602	6.565	ug/L	98
67) 1,2-Dichlorobenzene	12.208	146	233814	5.949	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.992	75	15671	5.301	ug/L	95
69) 1,3,5-Trichlorobenzene	13.217	180	140070	4.870	ug/L	99
70) 1,2,4-trichlorobenzene	13.838	180	107976	4.890	ug/L	98
71) Naphthalene	14.082	128	202520	4.914	ug/L	99
72) 1,2,3-Trichlorobenzene	14.327	180	110098	4.938	ug/L	99

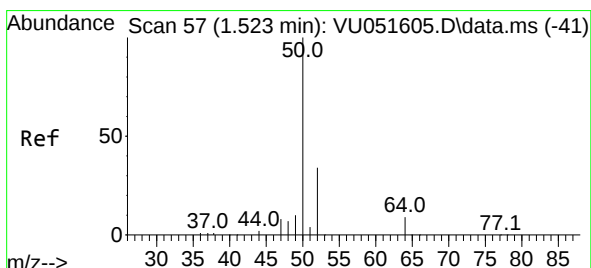
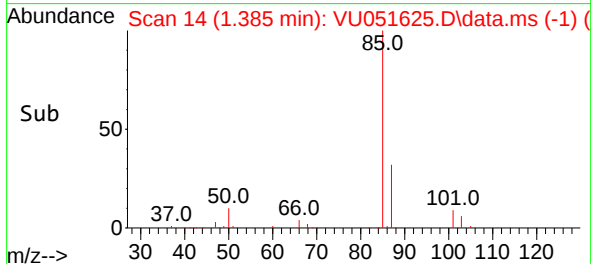
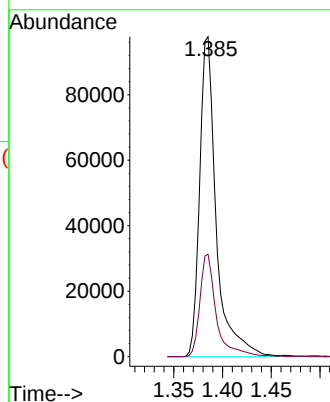
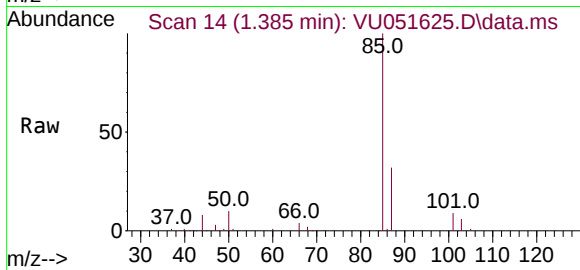
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
Dichlorodifluoromethane
Concen: 5.205 ug/L
RT: 1.385 min Scan# 14
Delta R.T. 0.000 min
Lab File: VU051625.D
Acq: 31 Oct 2022 20:55

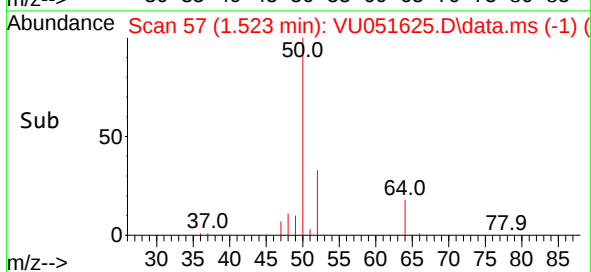
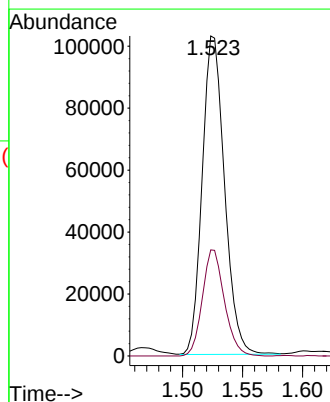
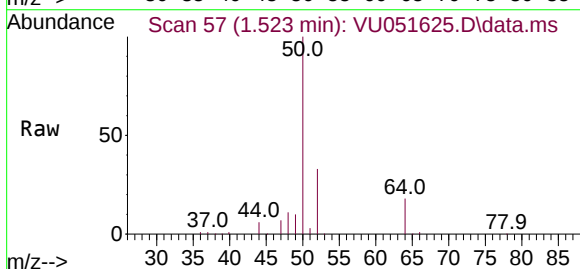
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MSVOA_U
ClientSampleId :
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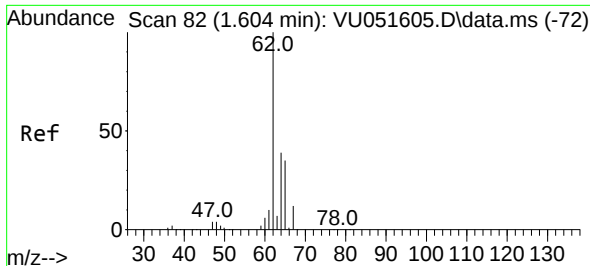
Tgt Ion: 85 Resp: 115475
Ion Ratio Lower Upper
85 100
87 31.8 25.7 38.5



#3
Chloromethane
Concen: 4.776 ug/L
RT: 1.523 min Scan# 57
Delta R.T. 0.000 min
Lab File: VU051625.D
Acq: 31 Oct 2022 20:55

Tgt Ion: 50 Resp: 133565
Ion Ratio Lower Upper
50 100
52 33.2 23.2 43.2

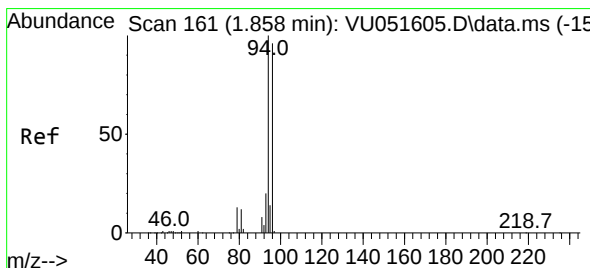
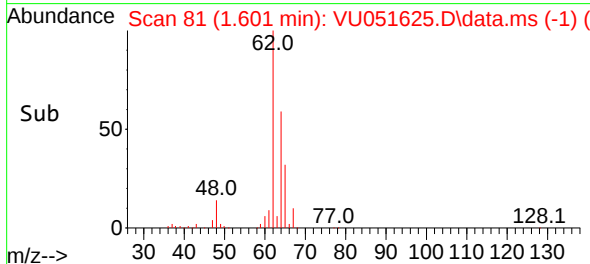
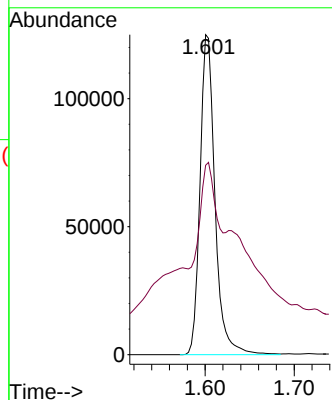
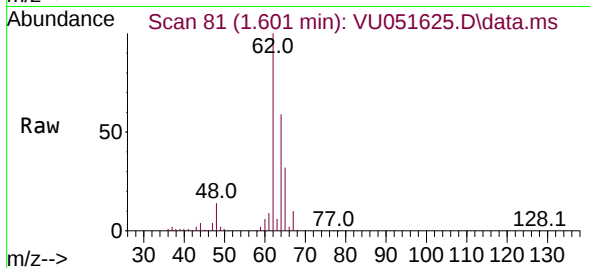




#5
 Vinyl chloride
 Concen: 5.443 ug/L
 RT: 1.601 min Scan# 81
 Delta R.T. -0.003 min
 Lab File: VU051625.D
 Acq: 31 Oct 2022 20:55

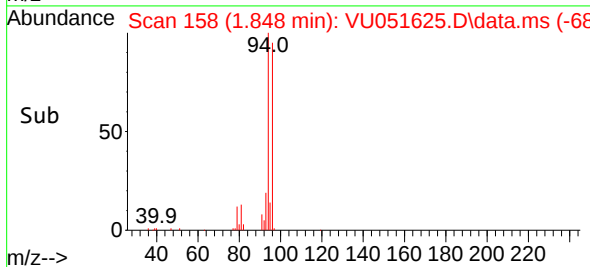
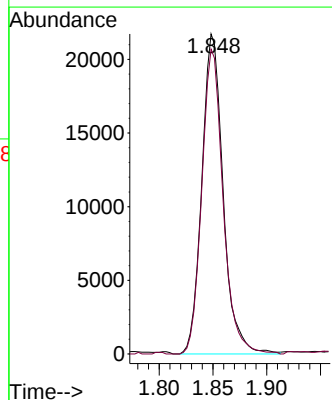
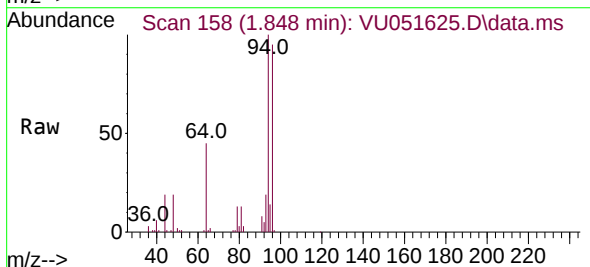
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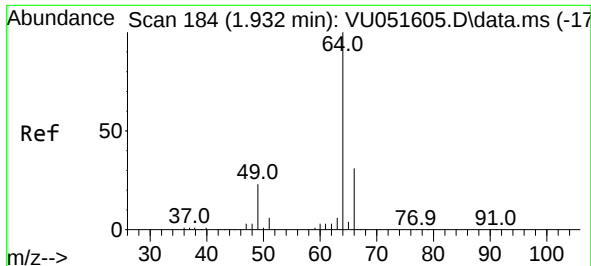
Tgt Ion: 62 Resp: 145797
 Ion Ratio Lower Upper
 62 100
 64 59.2 22.1 41.1#



#6
 Bromomethane
 Concen: 2.357 ug/L
 RT: 1.848 min Scan# 158
 Delta R.T. -0.009 min
 Lab File: VU051625.D
 Acq: 31 Oct 2022 20:55

Tgt Ion: 94 Resp: 29935
 Ion Ratio Lower Upper
 94 100
 96 95.3 63.2 117.4





#8

Chloroethane

Concen: 5.550 ug/L

RT: 1.929 min Scan# 11

Delta R.T. -0.003 min

Lab File: VU051625.D

Acq: 31 Oct 2022 20:55

Instrument :

MSVOA_U

ClientSampleId :

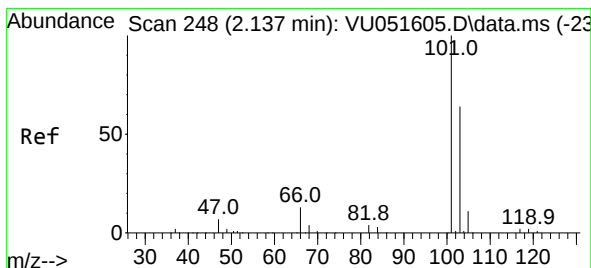
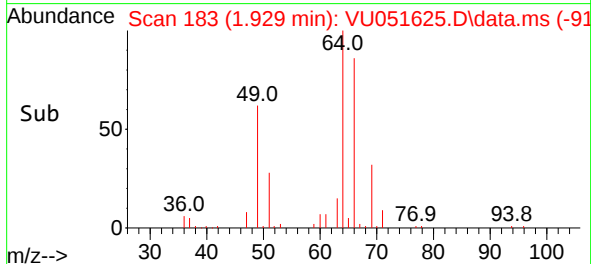
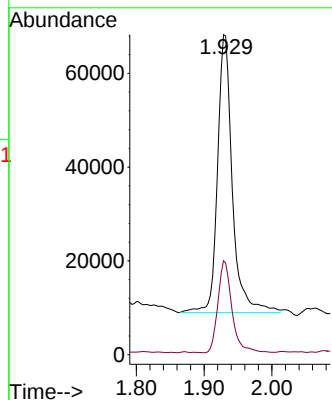
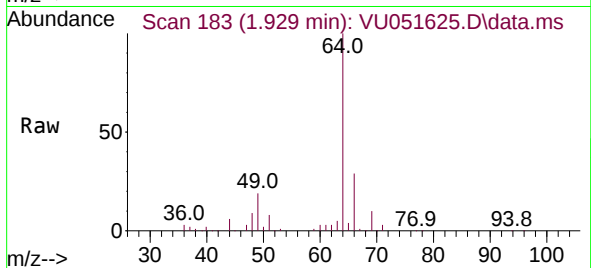
DBWW9MSD

Tgt Ion: 64 Resp: 90274

Ion Ratio Lower Upper

64 100

66 29.3 22.3 41.5



#9

Trichlorofluoromethane

Concen: 5.325 ug/L

RT: 2.134 min Scan# 247

Delta R.T. -0.003 min

Lab File: VU051625.D

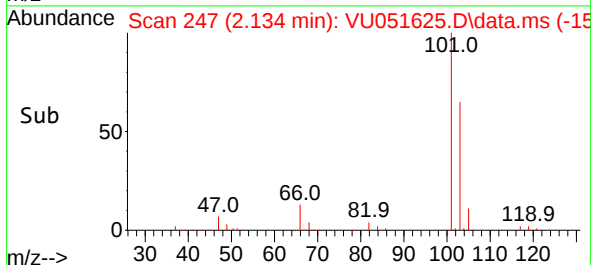
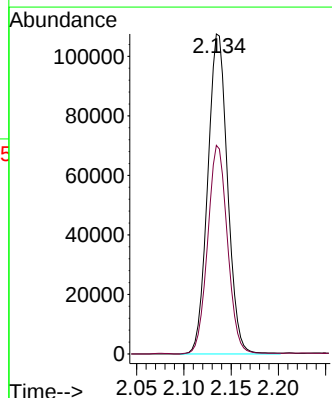
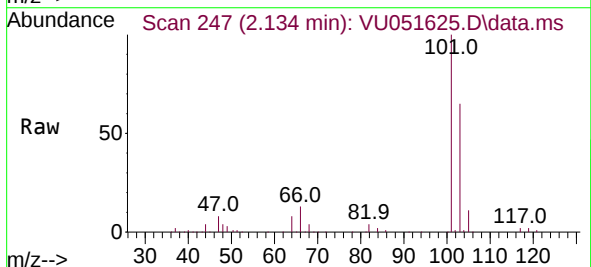
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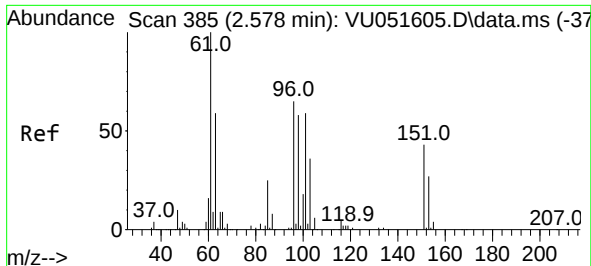
Tgt Ion:101 Resp: 156593

Ion Ratio Lower Upper

101 100

103 65.3 51.8 77.6

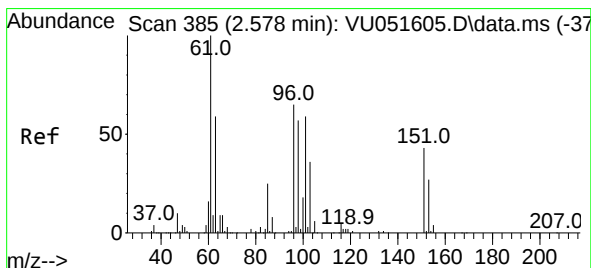
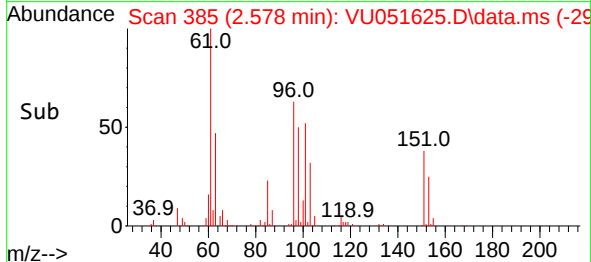
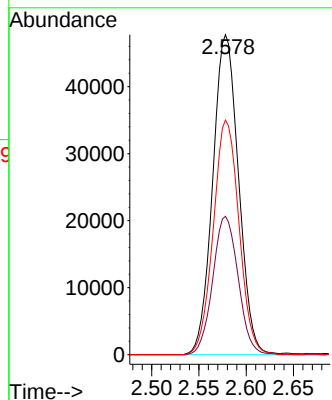
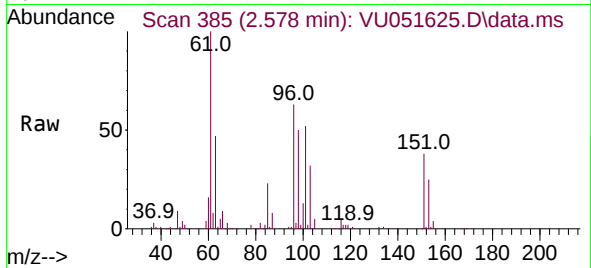




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.240 ug/L
 RT: 2.578 min Scan# 385
 Delta R.T. 0.000 min
 Lab File: VU051625.D
 Acq: 31 Oct 2022 20:55

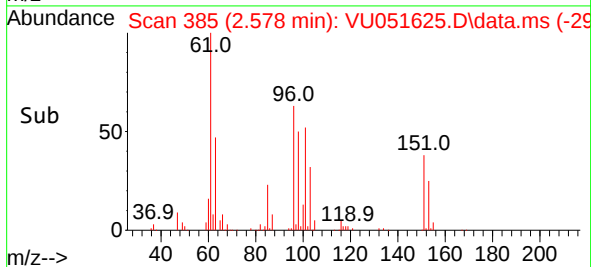
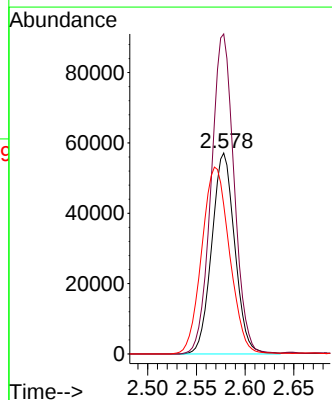
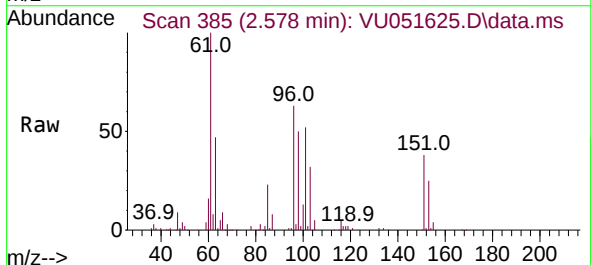
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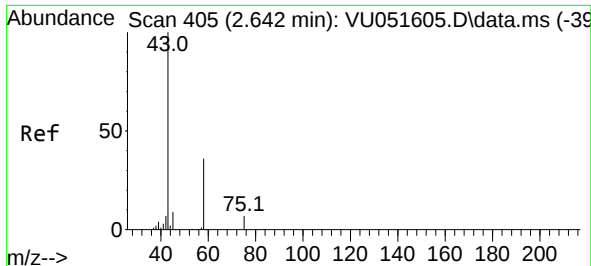
Tgt Ion: 101 Resp: 90586
 Ion Ratio Lower Upper
 101 100
 85 42.6 35.6 53.4
 151 73.2 59.6 89.4



#12
 1,1-Dichloroethene
 Concen: 5.317 ug/L
 RT: 2.578 min Scan# 385
 Delta R.T. 0.000 min
 Lab File: VU051625.D
 Acq: 31 Oct 2022 20:55

Tgt Ion: 96 Resp: 93759
 Ion Ratio Lower Upper
 96 100
 61 159.2 108.8 202.0
 63 74.2 64.9 120.5





#13

Acetone

Concen: 52.956 ug/L

RT: 2.620 min Scan# 398

Delta R.T. -0.022 min

Lab File: VU051625.D

Acq: 31 Oct 2022 20:55

Instrument :

MSVOA_U

ClientSampleId :

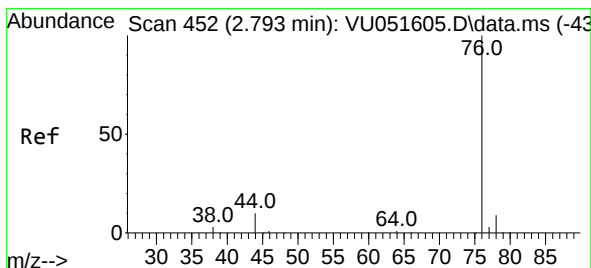
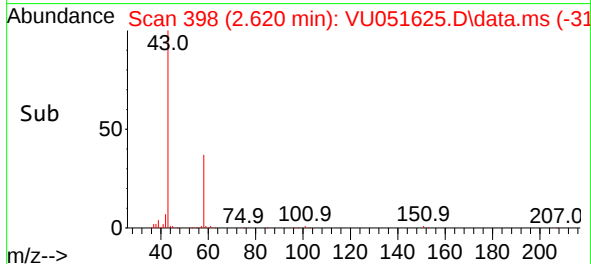
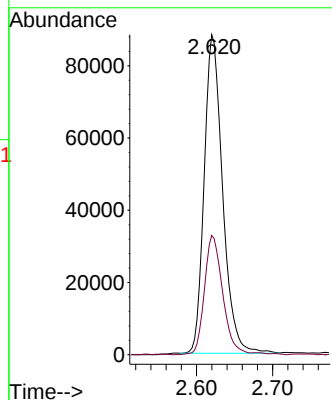
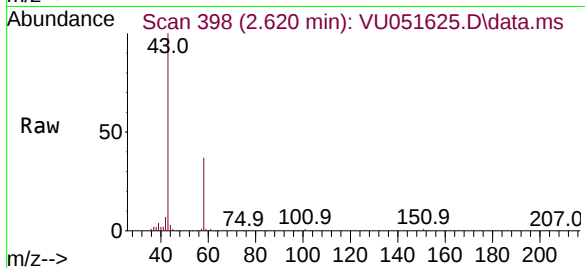
DBWW9MSD

Tgt Ion: 43 Resp: 148667

Ion Ratio Lower Upper

43 100

58 37.0 0.0 73.8



#14

Carbon disulfide

Concen: 5.257 ug/L

RT: 2.790 min Scan# 451

Delta R.T. -0.003 min

Lab File: VU051625.D

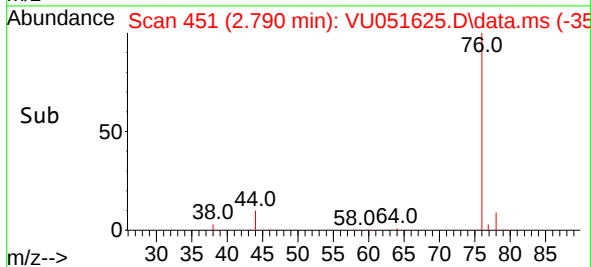
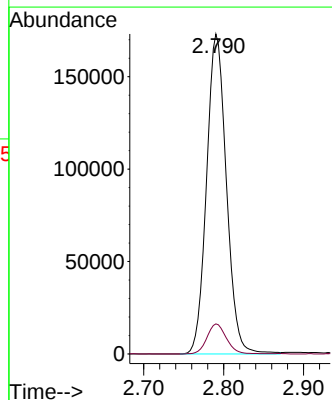
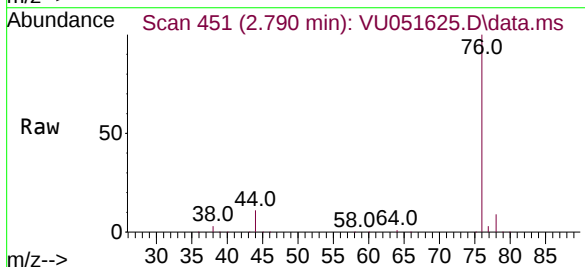
Acq: 31 Oct 2022 20:55

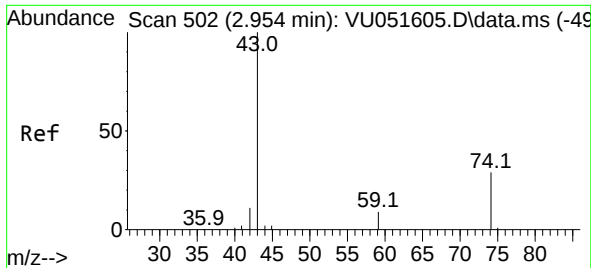
Tgt Ion: 76 Resp: 298882

Ion Ratio Lower Upper

76 100

78 9.4 7.4 11.2

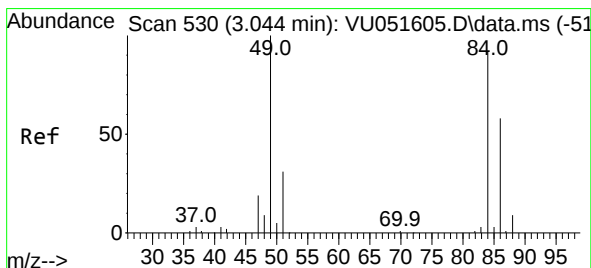
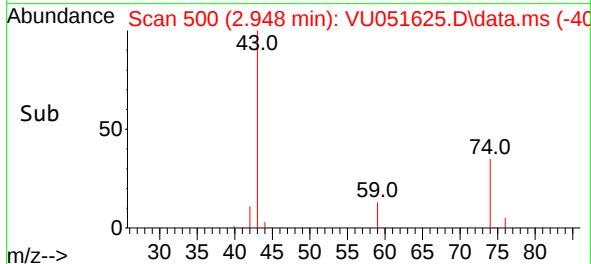
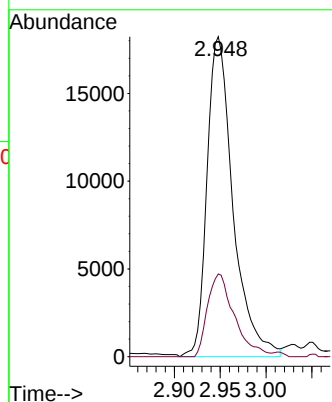
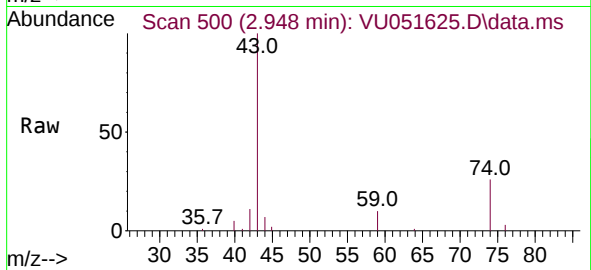




#15
Methyl Acetate
Concen: 4.892 ug/L
RT: 2.948 min Scan# 502
Delta R.T. -0.006 min
Lab File: VU051625.D
Acq: 31 Oct 2022 20:55

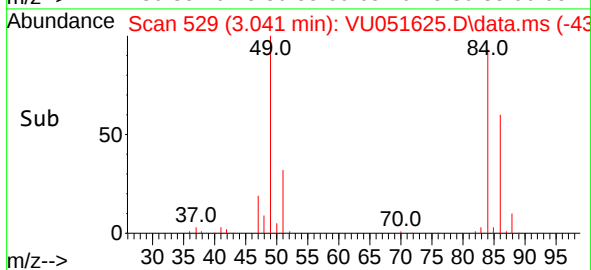
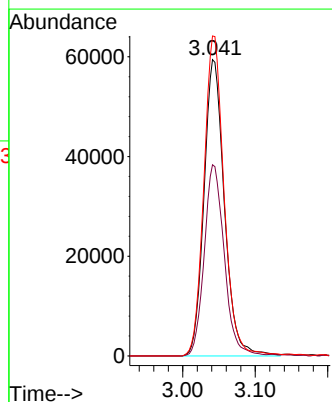
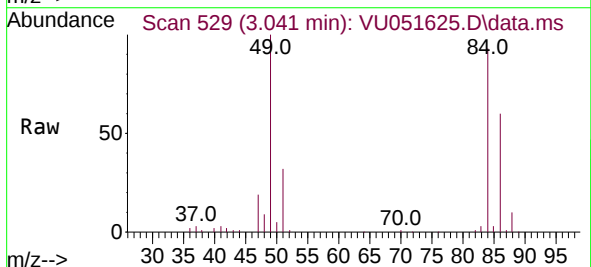
Instrument :
MSVOA_U
ClientSampleId :
DBWW9MSD

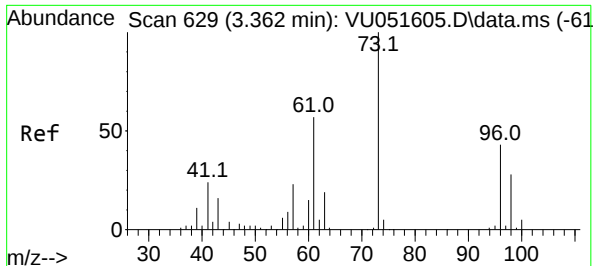
Tgt Ion: 43 Resp: 35957
Ion Ratio Lower Upper
43 100
74 26.7 20.2 30.4



#16
Methylene chloride
Concen: 4.020 ug/L
RT: 3.041 min Scan# 529
Delta R.T. -0.003 min
Lab File: VU051625.D
Acq: 31 Oct 2022 20:55

Tgt Ion: 84 Resp: 116129
Ion Ratio Lower Upper
84 100
86 64.5 46.3 85.9
49 108.0 76.0 141.2

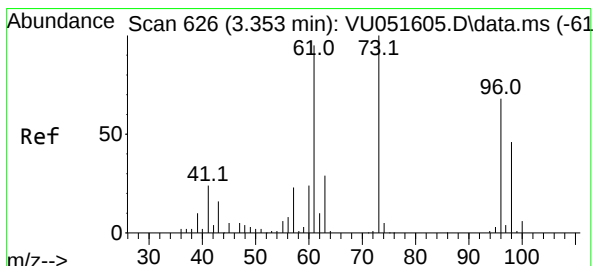
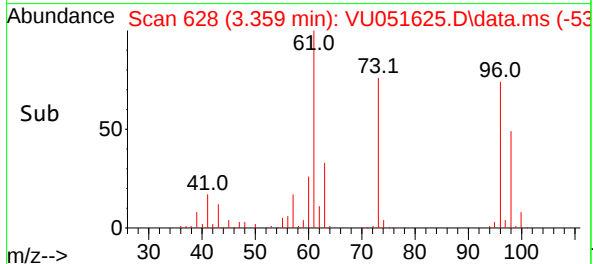
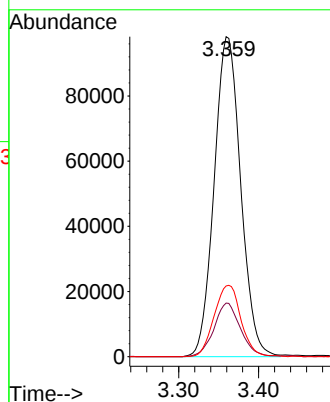
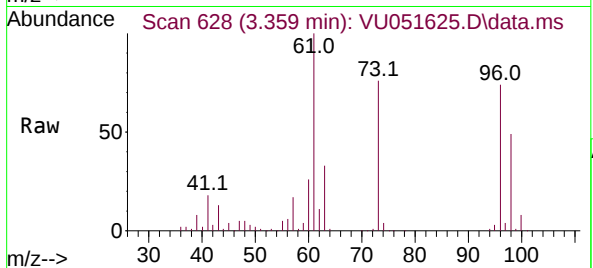




#17
Methyl tert-butyl Ether
Concen: 5.589 ug/L
RT: 3.359 min Scan# 61
Delta R.T. -0.003 min
Lab File: VU051625.D
Acq: 31 Oct 2022 20:55

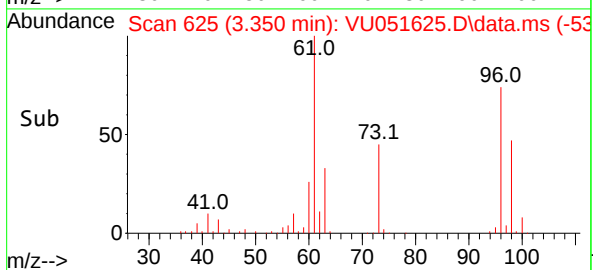
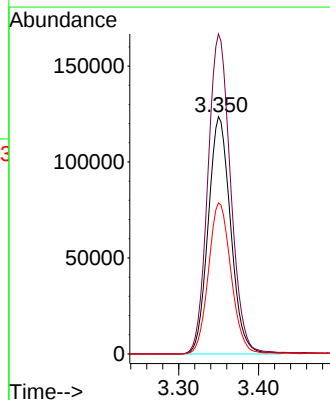
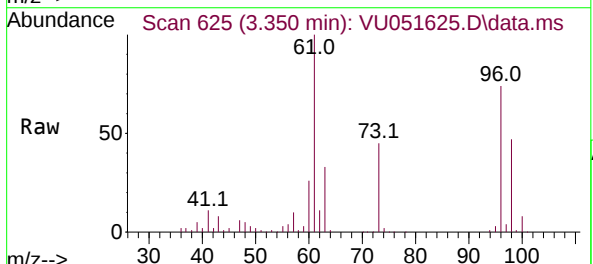
Instrument :
MSVOA_U
ClientSampleId :
DBWW9MSD

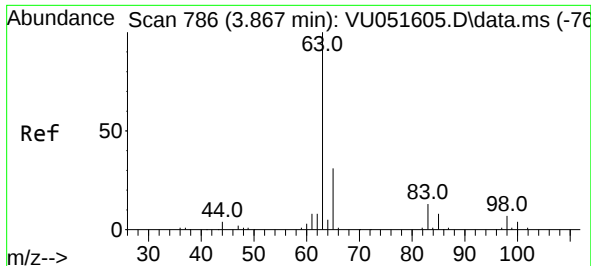
Tgt Ion: 73 Resp: 225998
Ion Ratio Lower Upper
73 100
43 16.9 13.6 20.4
57 22.6 17.5 26.3



#18
trans-1,2-Dichloroethene
Concen: 12.745 ug/L
RT: 3.350 min Scan# 625
Delta R.T. -0.003 min
Lab File: VU051625.D
Acq: 31 Oct 2022 20:55

Tgt Ion: 96 Resp: 241207
Ion Ratio Lower Upper
96 100
61 134.9 94.7 175.9
98 63.6 44.2 82.0

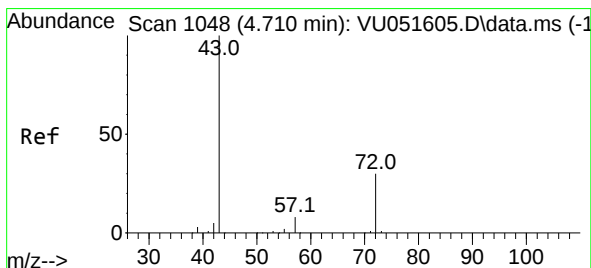
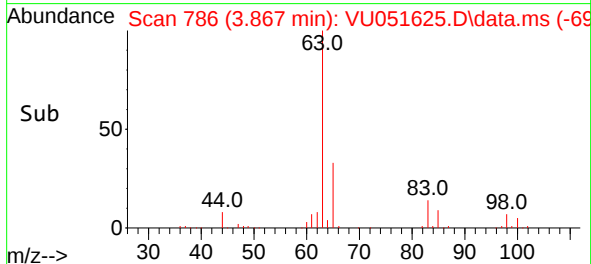
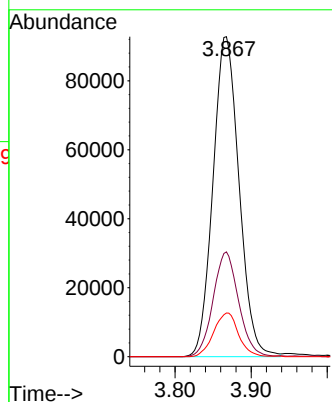
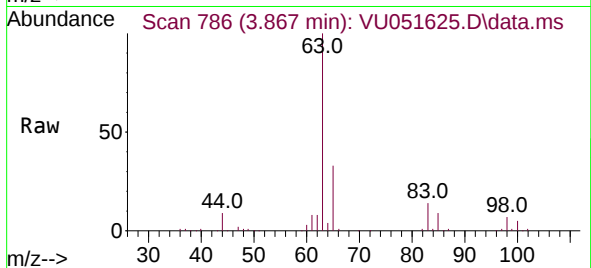




#19
1,1-Dichloroethane
Concen: 6.328 ug/L
RT: 3.867 min Scan# 71
Delta R.T. 0.000 min
Lab File: VU051625.D
Acq: 31 Oct 2022 20:55

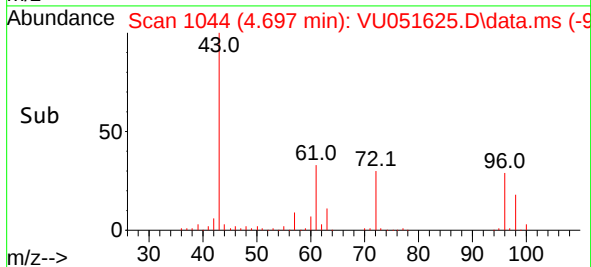
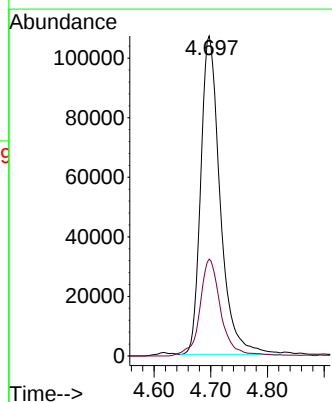
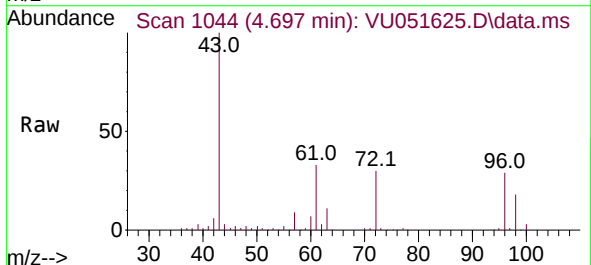
Instrument :
MSVOA_U
ClientSampleId :
DBWW9MSD

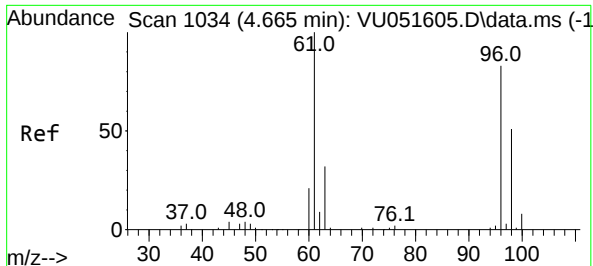
Tgt Ion: 63 Resp: 220899
Ion Ratio Lower Upper
63 100
65 32.7 22.7 42.1
83 13.7 9.2 17.0



#21
2-Butanone
Concen: 57.830 ug/L
RT: 4.697 min Scan# 1044
Delta R.T. -0.013 min
Lab File: VU051625.D
Acq: 31 Oct 2022 20:55

Tgt Ion: 43 Resp: 254245
Ion Ratio Lower Upper
43 100
72 32.8 16.2 48.5

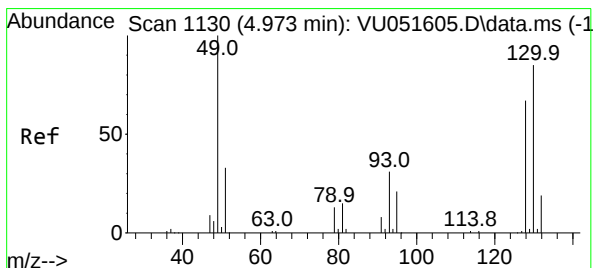
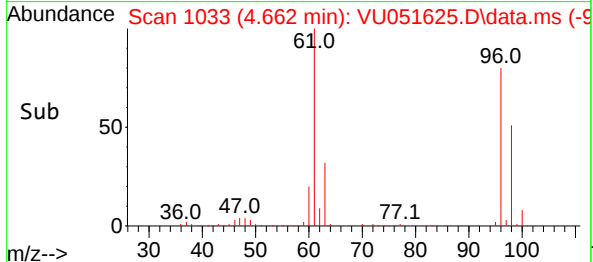
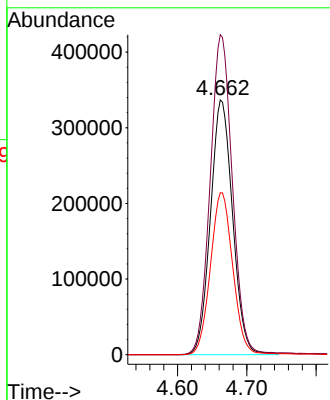
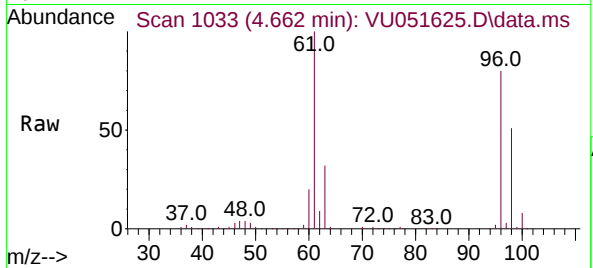




#22
 cis-1,2-Dichloroethene
 Concen: 35.744 ug/L
 RT: 4.662 min Scan# 1033
 Delta R.T. -0.003 min
 Lab File: VU051625.D
 Acq: 31 Oct 2022 20:55

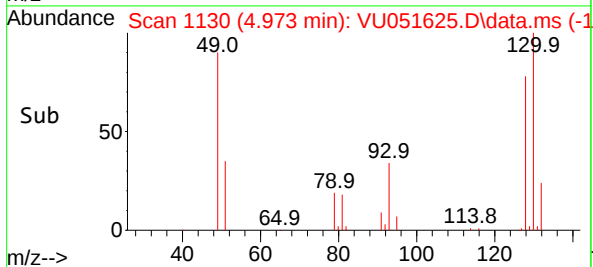
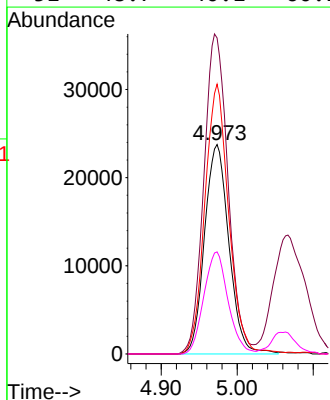
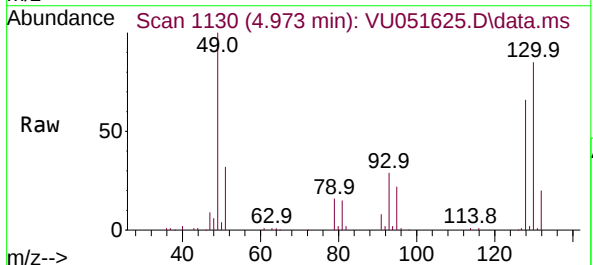
Instrument :
 MSVOA_U
 ClientSampleId :
 DBWW9MSD

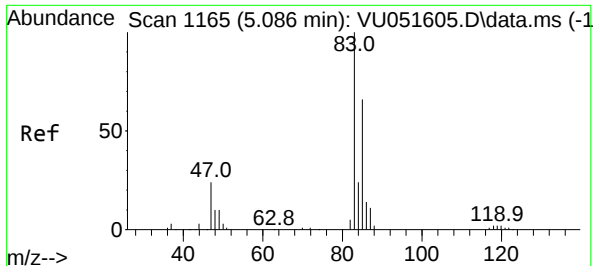
Tgt Ion: 96 Resp: 748539
 Ion Ratio Lower Upper
 96 100
 61 125.6 86.4 160.4
 98 63.6 44.2 82.2



#23
 Bromochloromethane
 Concen: 5.397 ug/L
 RT: 4.973 min Scan# 1130
 Delta R.T. 0.000 min
 Lab File: VU051625.D
 Acq: 31 Oct 2022 20:55

Tgt Ion: 128 Resp: 52847
 Ion Ratio Lower Upper
 128 100
 49 150.8 105.5 195.9
 130 128.7 93.5 173.7
 51 48.7 40.1 60.1





#25

Chloroform

Concen: 5.317 ug/L

RT: 5.086 min Scan# 1165

Delta R.T. 0.000 min

Lab File: VU051625.D

Acq: 31 Oct 2022 20:55

Instrument :

MSVOA_U

ClientSampleId :

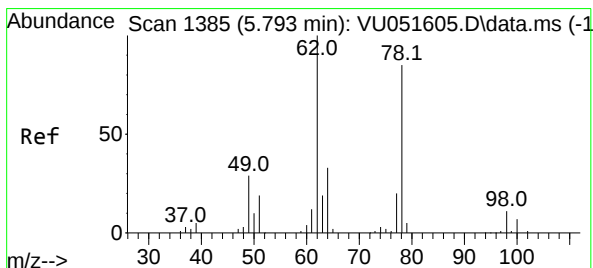
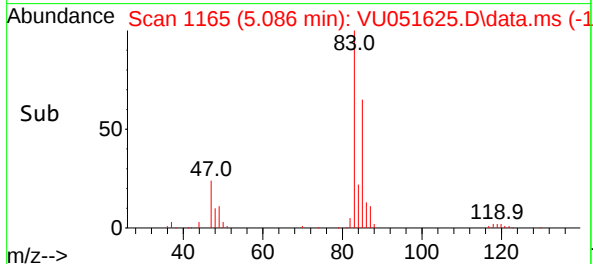
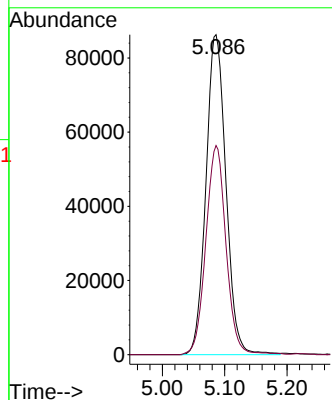
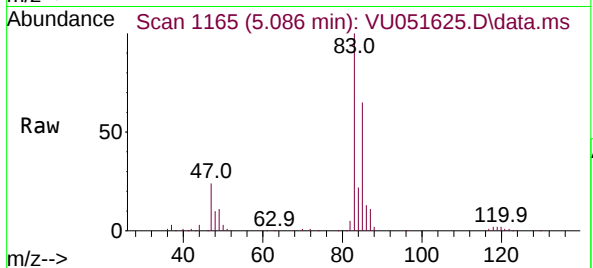
DBWW9MSD

Tgt Ion: 83 Resp: 192551

Ion Ratio Lower Upper

83 100

85 65.4 45.2 84.0



#27

1,2-Dichloroethane

Concen: 5.352 ug/L

RT: 5.790 min Scan# 1384

Delta R.T. -0.003 min

Lab File: VU051625.D

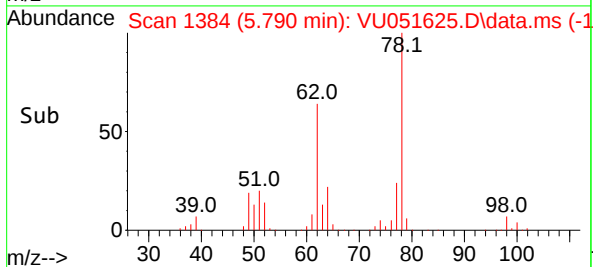
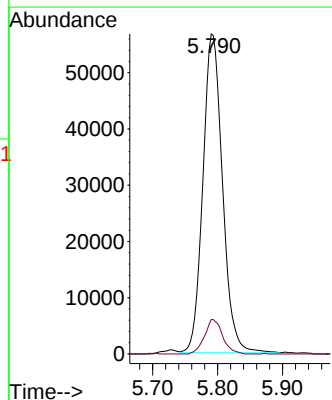
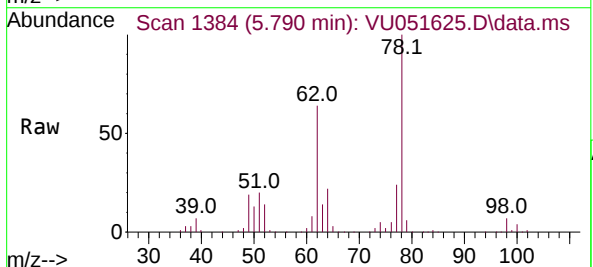
Acq: 31 Oct 2022 20:55

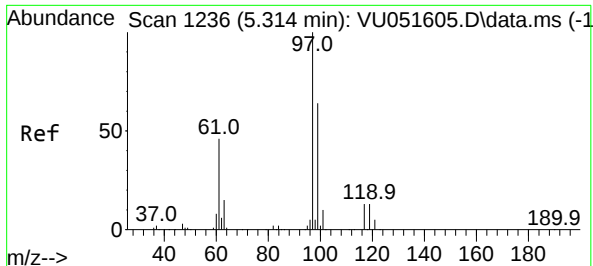
Tgt Ion: 62 Resp: 119271

Ion Ratio Lower Upper

62 100

98 10.7 7.4 11.0





#29

1,1,1-Trichloroethane

Concen: 5.280 ug/L

RT: 5.314 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU051625.D

Acq: 31 Oct 2022 20:55

Instrument :

MSVOA_U

ClientSampleId :

DBWW9MSD

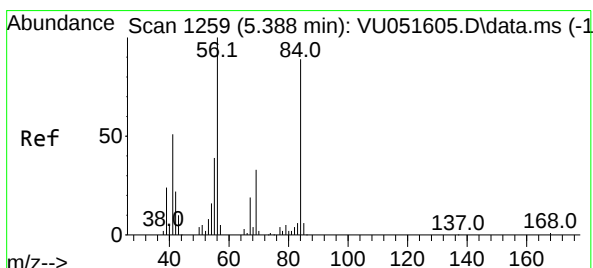
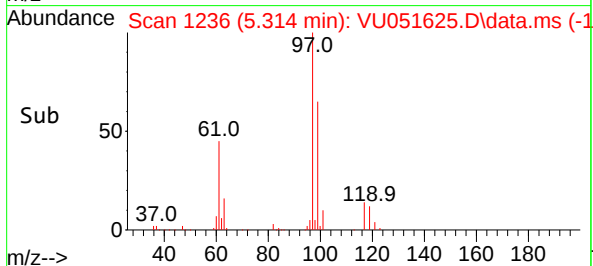
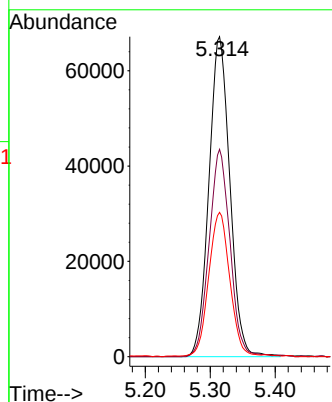
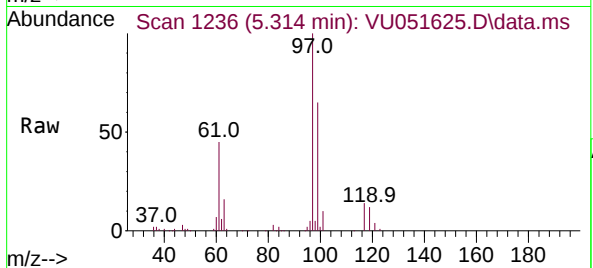
Tgt Ion: 97 Resp: 150653

Ion Ratio Lower Upper

97 100

99 64.5 51.1 76.7

61 44.8 37.4 56.0



#30

Cyclohexane

Concen: 5.128 ug/L

RT: 5.388 min Scan# 1259

Delta R.T. 0.000 min

Lab File: VU051625.D

Acq: 31 Oct 2022 20:55

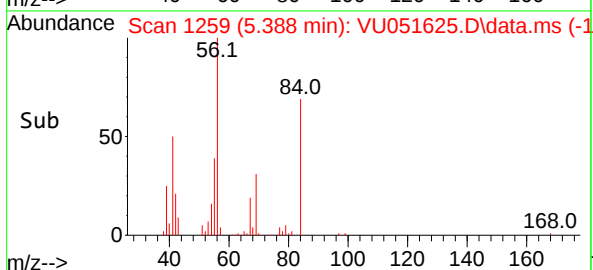
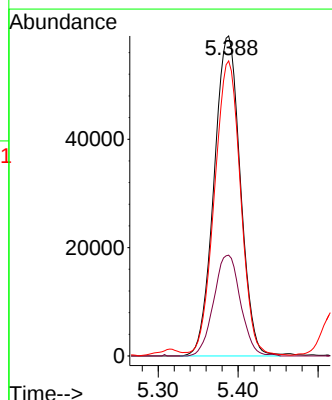
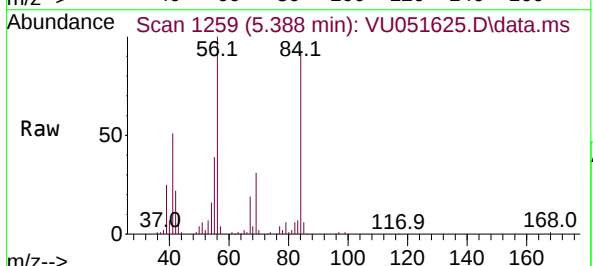
Tgt Ion: 56 Resp: 134733

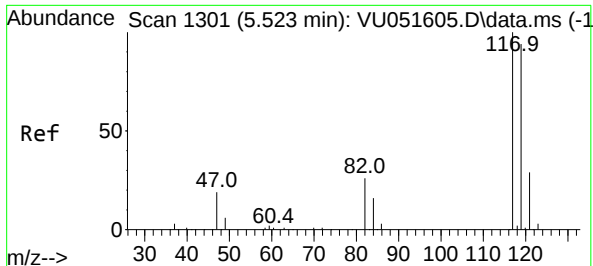
Ion Ratio Lower Upper

56 100

69 31.9 25.4 38.0

84 92.0 71.4 107.0

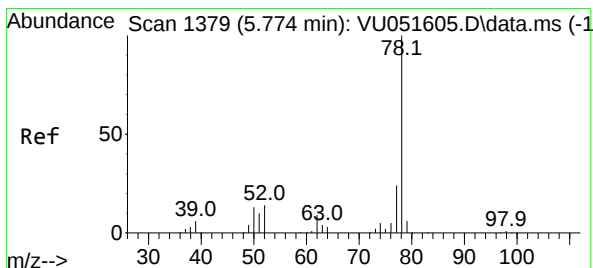
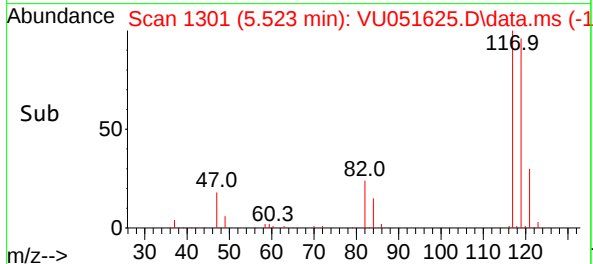
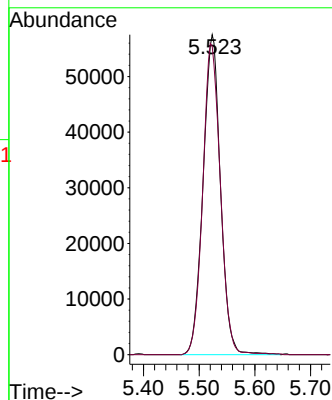
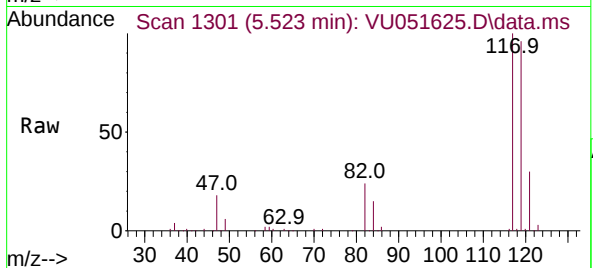




#31
Carbon tetrachloride
Concen: 5.121 ug/L
RT: 5.523 min Scan# 111
Delta R.T. 0.000 min
Lab File: VU051625.D
Acq: 31 Oct 2022 20:55

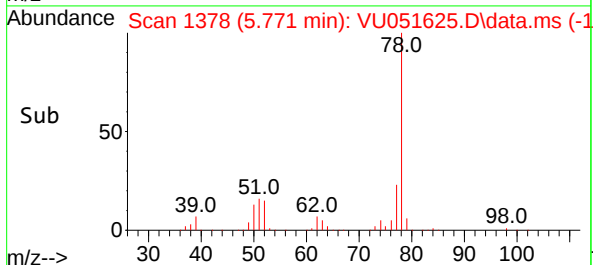
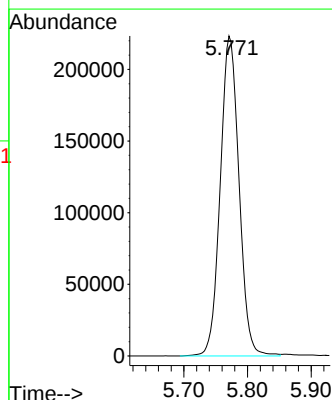
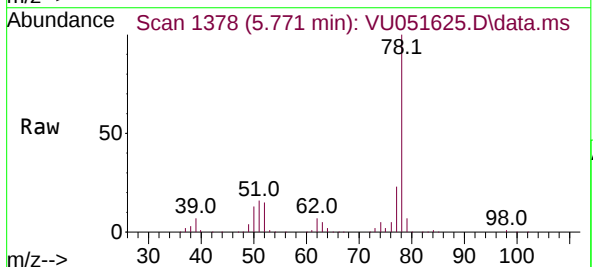
Instrument :
MSVOA_U
ClientSampleId :
DBWW9MSD

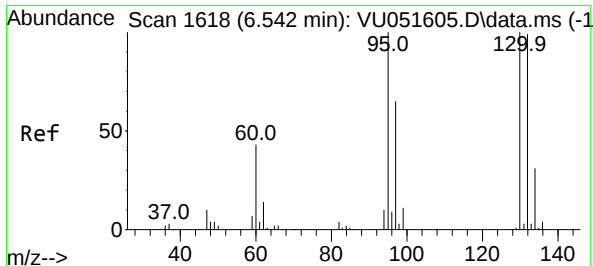
Tgt Ion:117 Resp: 124972
Ion Ratio Lower Upper
117 100
119 98.1 77.5 116.3



#33
Benzene
Concen: 5.519 ug/L
RT: 5.771 min Scan# 1378
Delta R.T. -0.003 min
Lab File: VU051625.D
Acq: 31 Oct 2022 20:55

Tgt Ion: 78 Resp: 457694

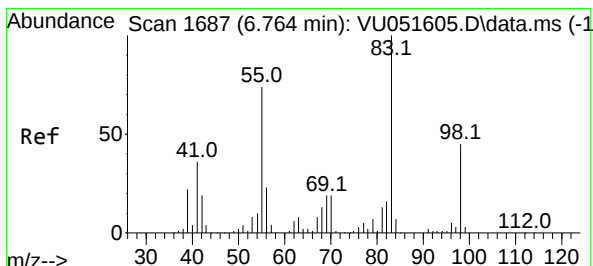
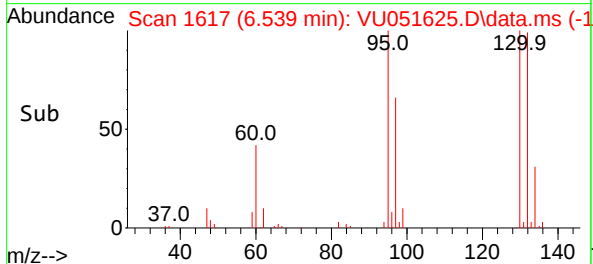
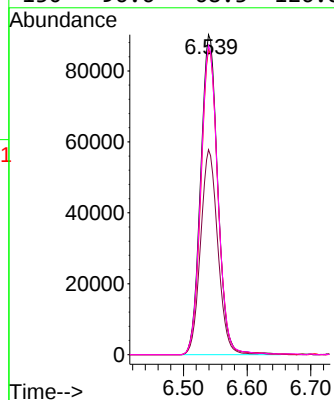
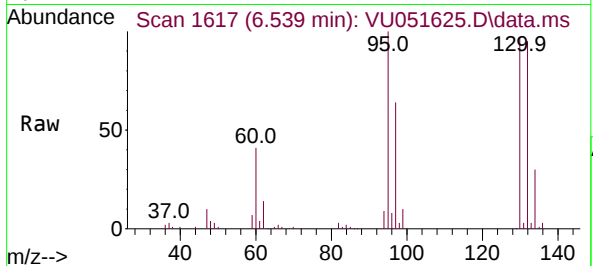




#34
Trichloroethene
Concen: 8.446 ug/L
RT: 6.539 min Scan# 1617
Delta R.T. -0.003 min
Lab File: VU051625.D
Acq: 31 Oct 2022 20:55

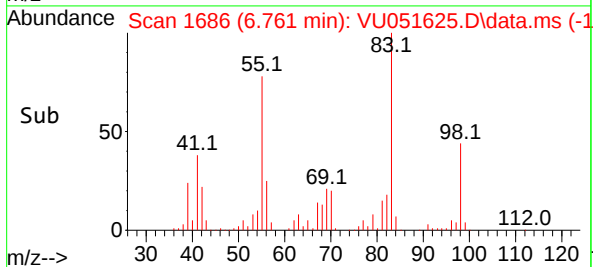
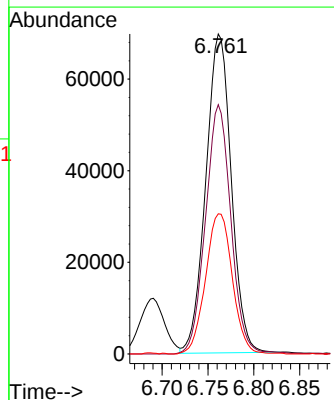
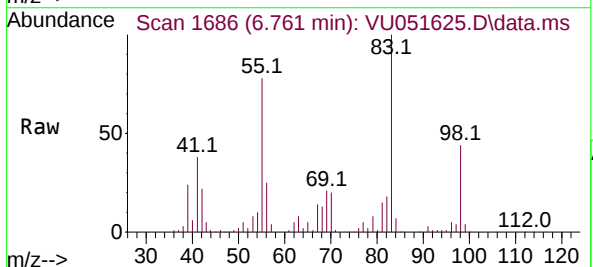
Instrument :
MSVOA_U
ClientSampleId :
DBWW9MSD

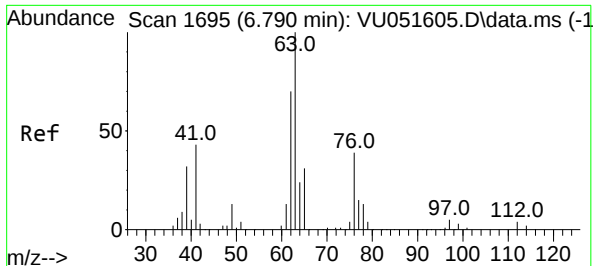
Tgt Ion: 95 Resp: 169040
Ion Ratio Lower Upper
95 100
97 64.0 45.2 84.0
132 95.5 66.5 123.5
130 96.6 68.3 126.8



#35
Methylcyclohexane
Concen: 4.861 ug/L
RT: 6.761 min Scan# 1686
Delta R.T. -0.003 min
Lab File: VU051625.D
Acq: 31 Oct 2022 20:55

Tgt Ion: 83 Resp: 134507
Ion Ratio Lower Upper
83 100
55 78.2 60.6 90.8
98 46.2 35.8 53.6





#37

1,2-Dichloropropane

Concen: 5.374 ug/L

RT: 6.790 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU051625.D

Acq: 31 Oct 2022 20:55

Instrument :

MSVOA_U

ClientSampleId :

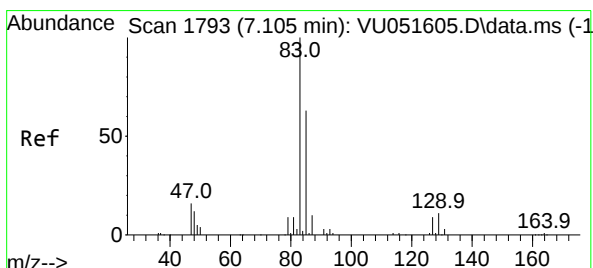
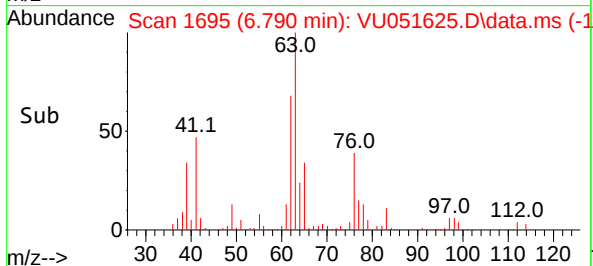
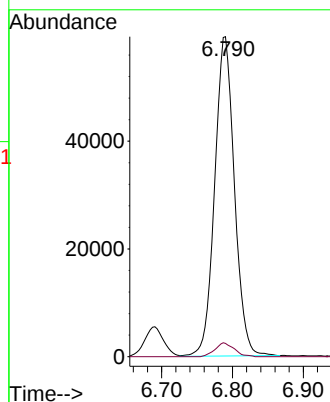
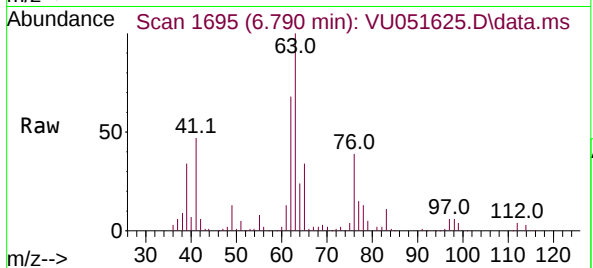
DBWW9MSD

Tgt Ion: 63 Resp: 114642

Ion Ratio Lower Upper

63 100

112 4.2 3.3 4.9



#38

Bromodichloromethane

Concen: 5.260 ug/L

RT: 7.102 min Scan# 1792

Delta R.T. -0.003 min

Lab File: VU051625.D

Acq: 31 Oct 2022 20:55

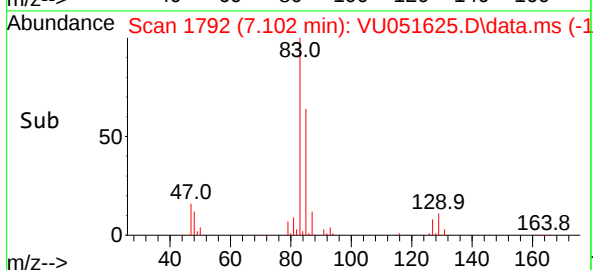
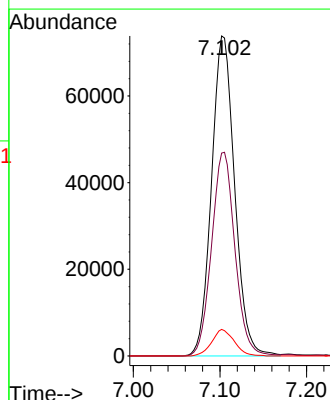
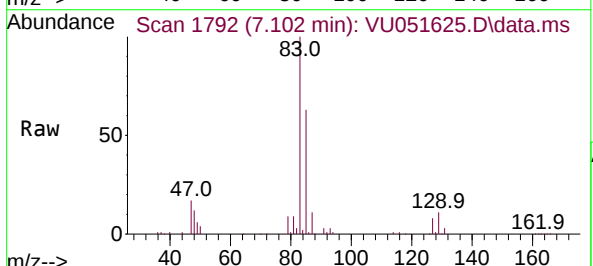
Tgt Ion: 83 Resp: 137039

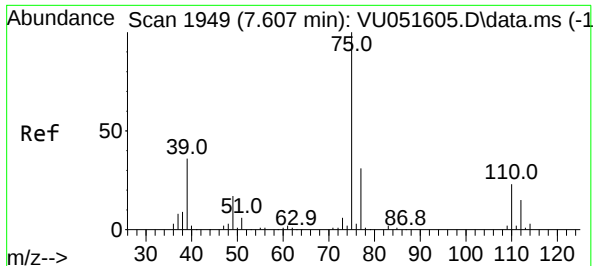
Ion Ratio Lower Upper

83 100

85 63.4 45.1 83.7

127 8.3 6.6 9.8





#39

cis-1,3-Dichloropropene

Concen: 5.056 ug/L

RT: 7.607 min Scan# 1949

Delta R.T. 0.000 min

Lab File: VU051625.D

Acq: 31 Oct 2022 20:55

Instrument :

MSVOA_U

ClientSampleId :

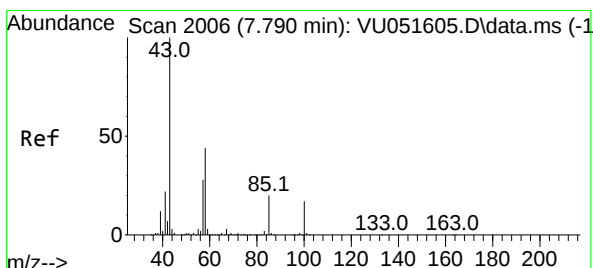
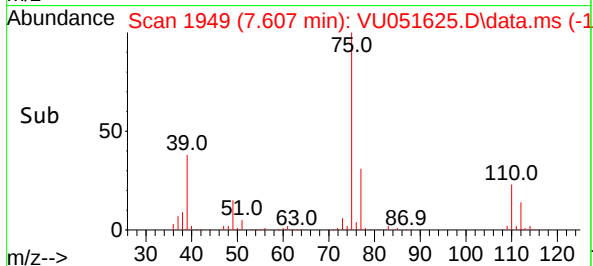
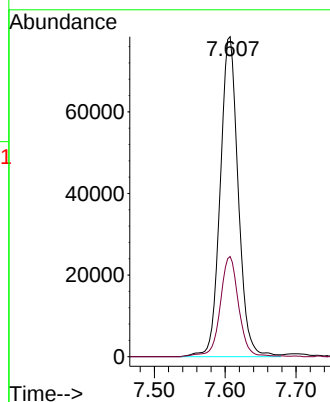
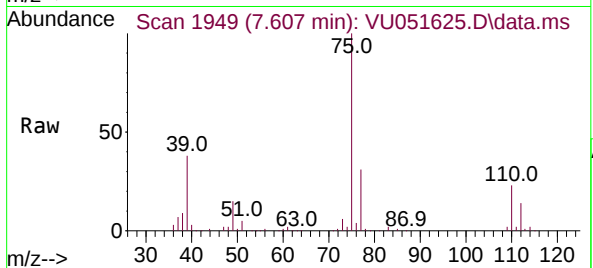
DBWW9MSD

Tgt Ion: 75 Resp: 138354

Ion Ratio Lower Upper

75 100

77 31.3 22.5 41.9



#40

4-Methyl-2-pentanone

Concen: 55.826 ug/L

RT: 7.787 min Scan# 2005

Delta R.T. -0.003 min

Lab File: VU051625.D

Acq: 31 Oct 2022 20:55

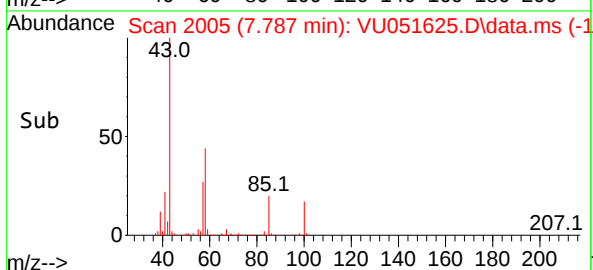
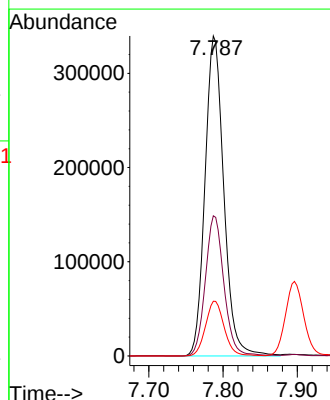
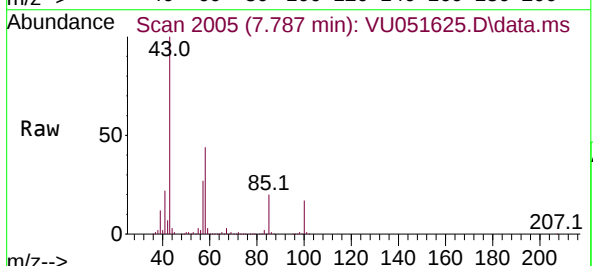
Tgt Ion: 43 Resp: 597281

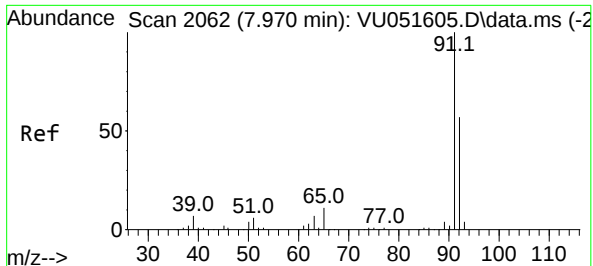
Ion Ratio Lower Upper

43 100

58 43.3 35.0 52.6

100 17.0 13.4 20.0





#42

Toluene

Concen: 5.381 ug/L

RT: 7.967 min Scan# 2062

Delta R.T. -0.003 min

Lab File: VU051625.D

Acq: 31 Oct 2022 20:55

Instrument :

MSVOA_U

ClientSampleId :

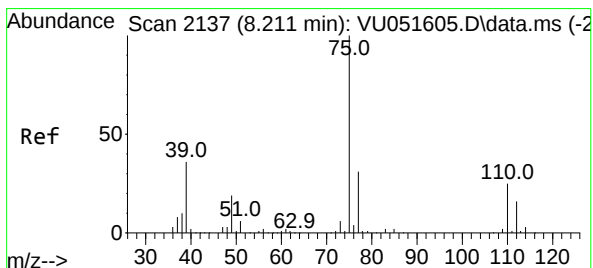
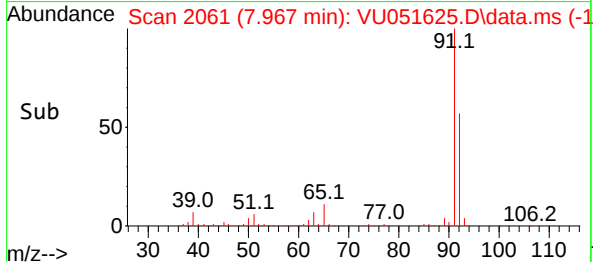
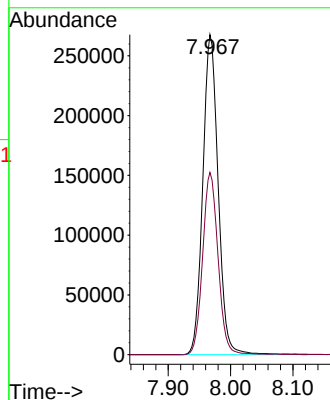
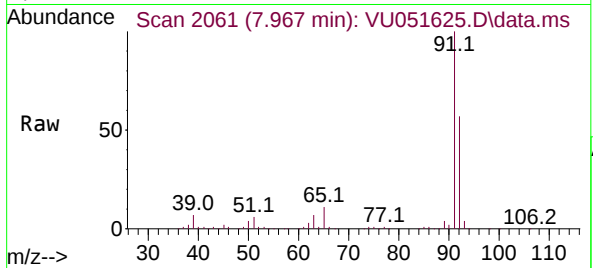
DBWW9MSD

Tgt Ion: 91 Resp: 458283

Ion Ratio Lower Upper

91 100

92 57.0 40.5 75.3



#44

trans-1,3-Dichloropropene

Concen: 5.319 ug/L

RT: 8.208 min Scan# 2136

Delta R.T. -0.003 min

Lab File: VU051625.D

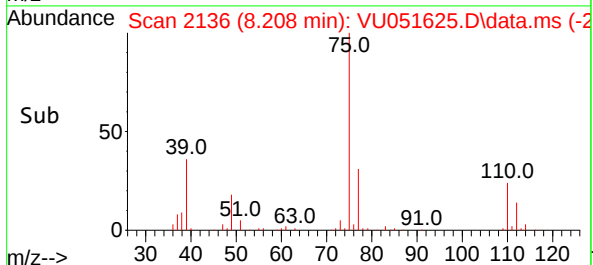
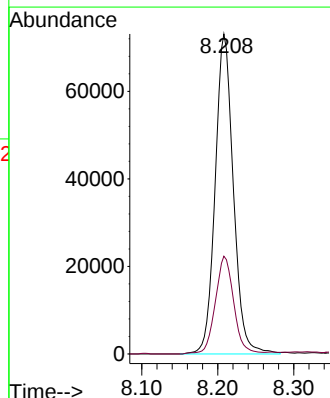
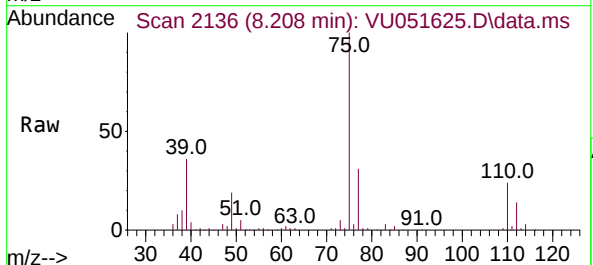
Acq: 31 Oct 2022 20:55

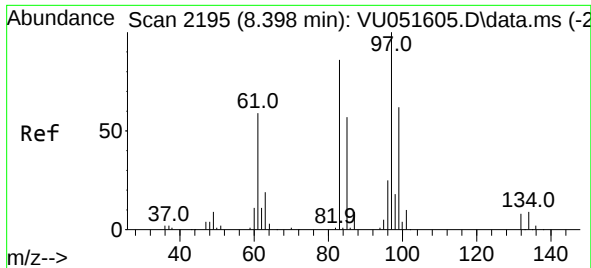
Tgt Ion: 75 Resp: 121632

Ion Ratio Lower Upper

75 100

77 30.5 21.8 40.6



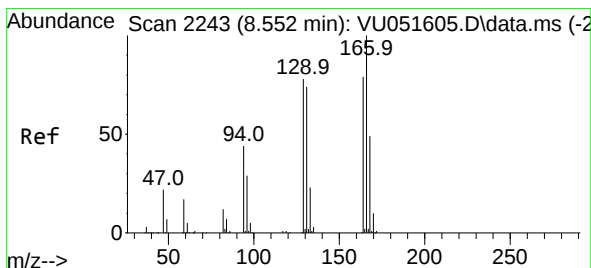
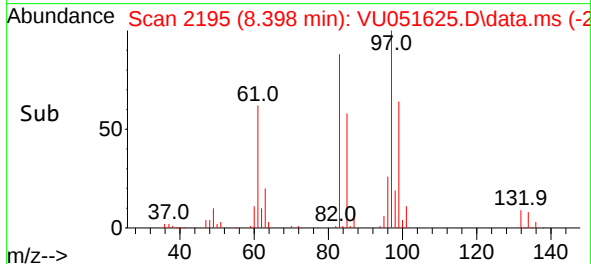
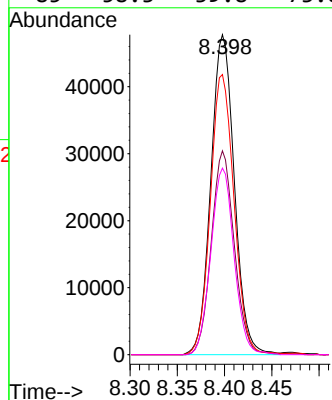
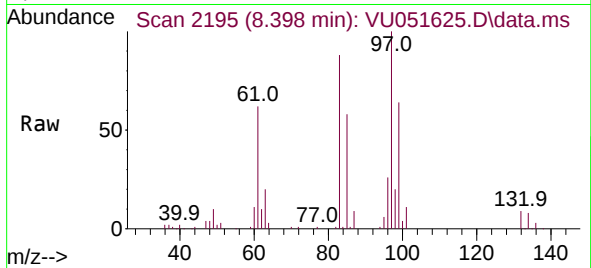


#45
1,1,2-Trichloroethane
Concen: 5.288 ug/L
RT: 8.398 min Scan# 2195
Delta R.T. 0.000 min
Lab File: VU051625.D
Acq: 31 Oct 2022 20:55

Instrument :
MSVOA_U
ClientSampleId :
DBWW9MSD

Tgt Ion: 97 Resp: 82653

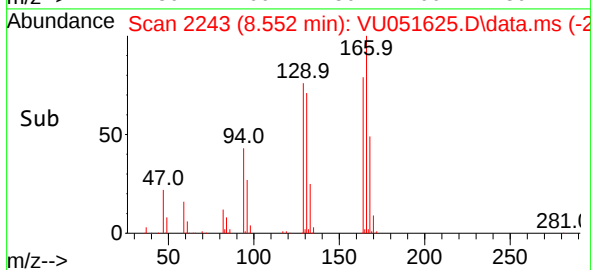
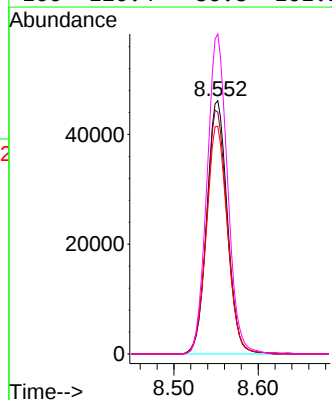
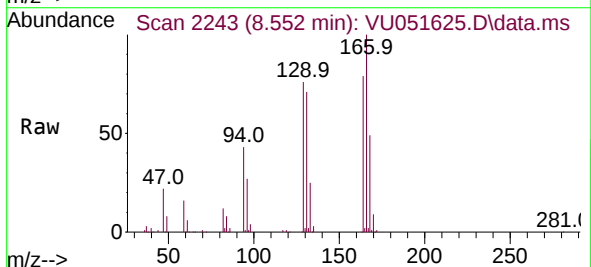
Ion	Ratio	Lower	Upper
97	100		
99	63.7	43.4	80.6
83	87.6	61.3	113.9
85	58.3	39.8	73.8

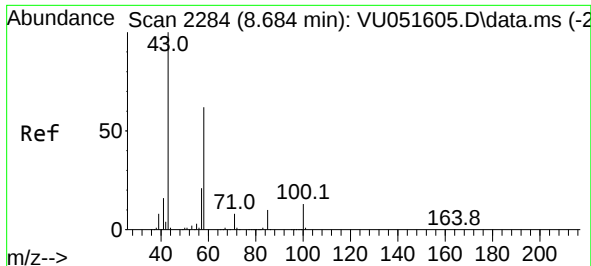


#47
Tetrachloroethene
Concen: 5.123 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. 0.000 min
Lab File: VU051625.D
Acq: 31 Oct 2022 20:55

Tgt Ion: 164 Resp: 78531

Ion	Ratio	Lower	Upper
164	100		
129	95.5	64.0	118.8
131	89.9	60.7	112.7
166	126.4	86.8	161.2

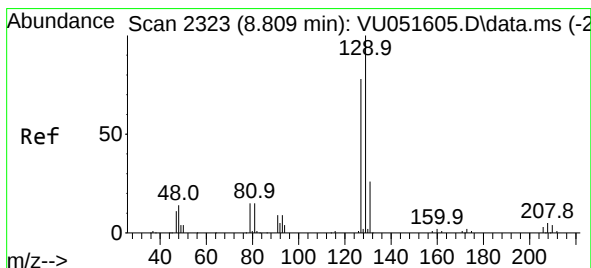
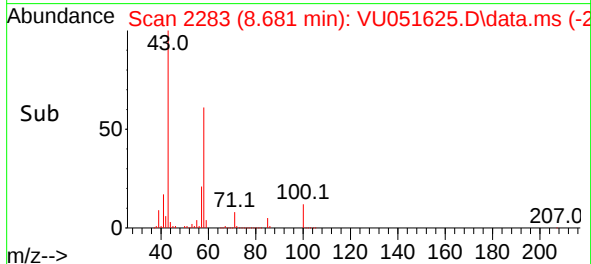
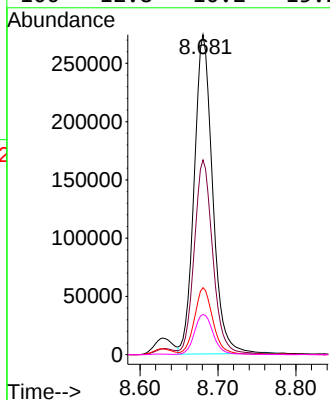
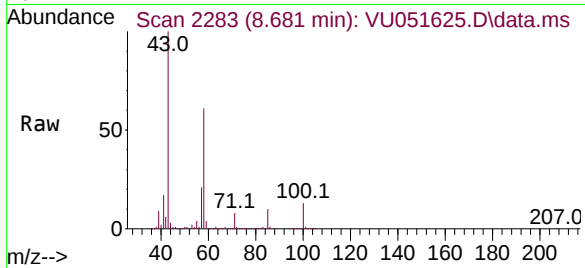




#48
2-Hexanone
Concen: 56.968 ug/L
RT: 8.681 min Scan# 2117
Delta R.T. -0.003 min
Lab File: VU051625.D
Acq: 31 Oct 2022 20:55

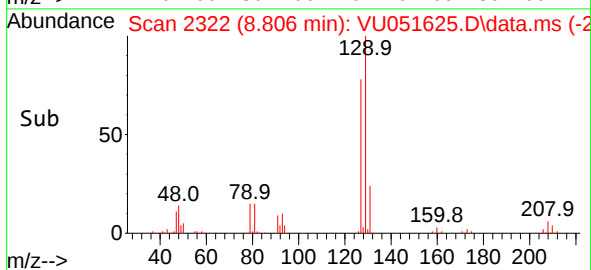
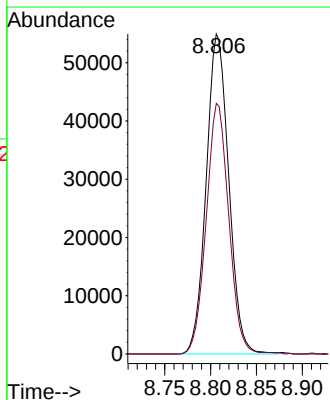
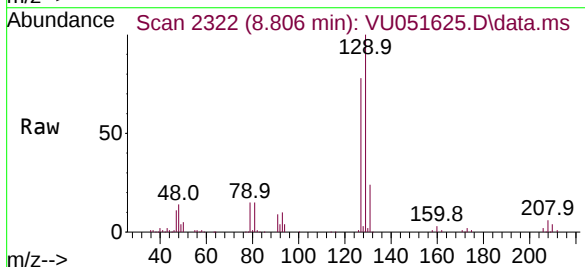
Instrument :
MSVOA_U
ClientSampleId :
DBWW9MSD

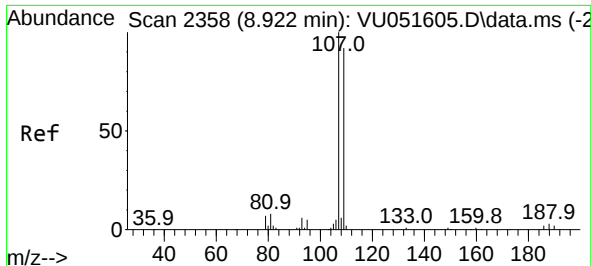
Tgt Ion: 43 Resp: 451147
Ion Ratio Lower Upper
43 100
58 60.7 48.2 72.2
57 20.8 16.6 25.0
100 12.8 10.2 15.2



#49
Dibromochloromethane
Concen: 5.263 ug/L
RT: 8.806 min Scan# 2322
Delta R.T. -0.003 min
Lab File: VU051625.D
Acq: 31 Oct 2022 20:55

Tgt Ion: 129 Resp: 93983
Ion Ratio Lower Upper
129 100
127 78.3 54.8 101.8





#50

1,2-Dibromoethane

Concen: 5.347 ug/L

RT: 8.922 min Scan# 2358

Delta R.T. 0.000 min

Lab File: VU051625.D

Acq: 31 Oct 2022 20:55

Instrument :

MSVOA_U

ClientSampleId :

DBWW9MSD

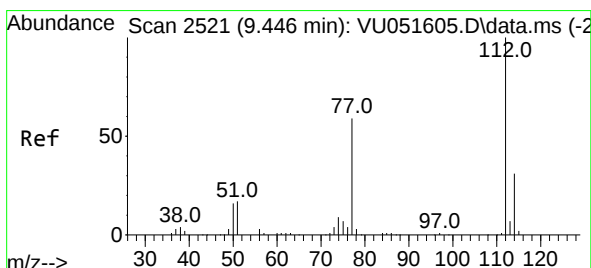
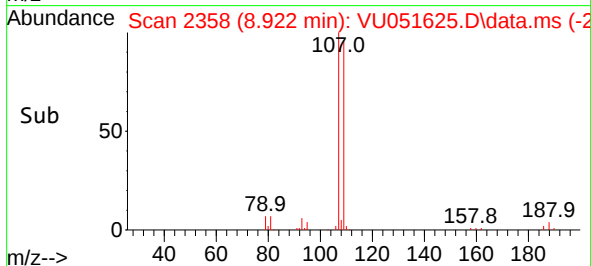
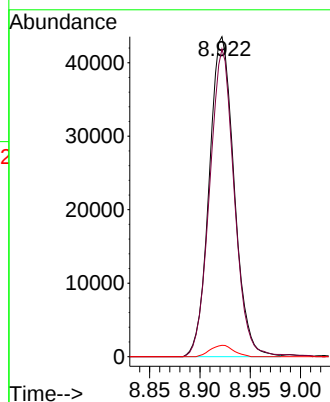
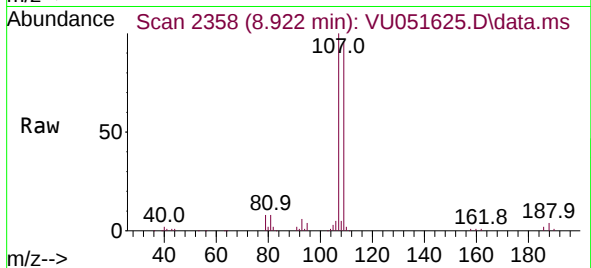
Tgt Ion:107 Resp: 75401

Ion Ratio Lower Upper

107 100

109 96.2 63.0 117.0

188 3.6 3.0 4.4



#51

Chlorobenzene

Concen: 9.926 ug/L

RT: 9.446 min Scan# 2521

Delta R.T. 0.000 min

Lab File: VU051625.D

Acq: 31 Oct 2022 20:55

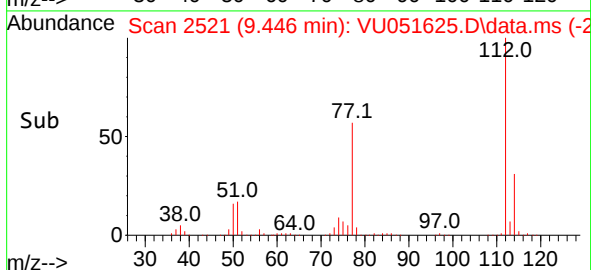
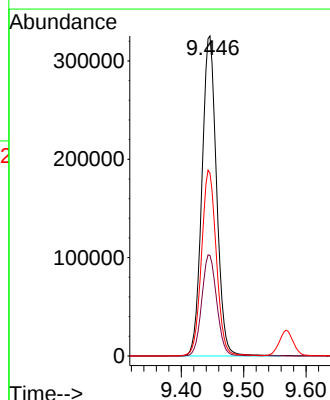
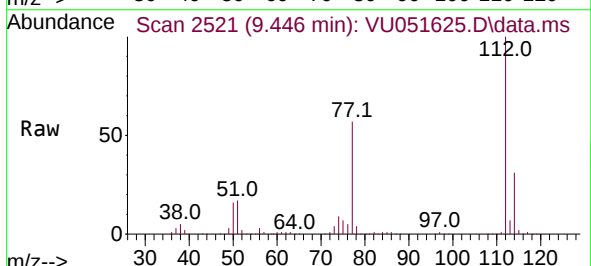
Tgt Ion:112 Resp: 532102

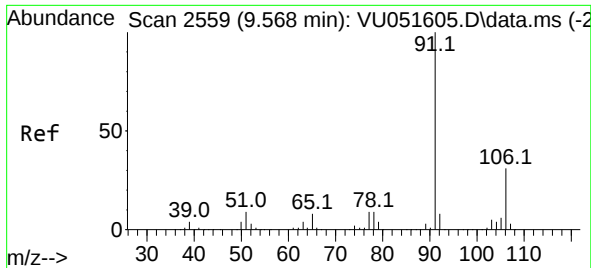
Ion Ratio Lower Upper

112 100

114 31.5 22.0 40.8

77 57.1 46.7 70.1

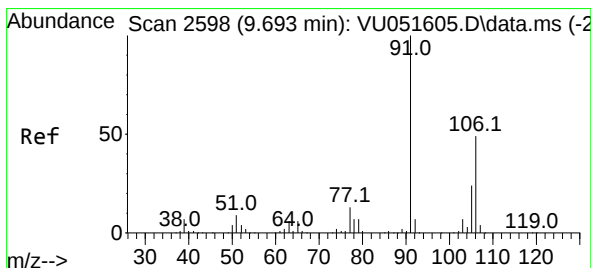
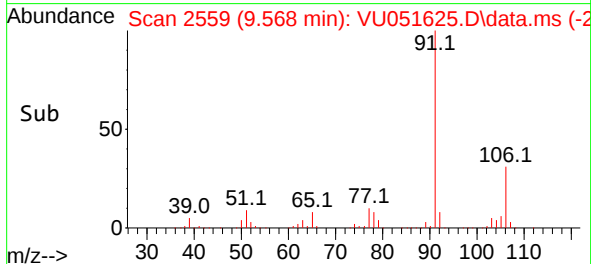
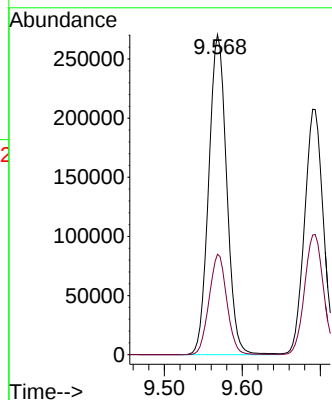
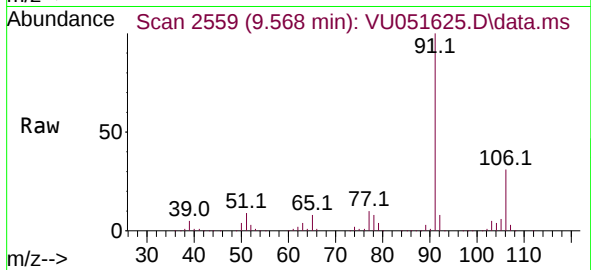




#52
Ethylbenzene
Concen: 5.270 ug/L
RT: 9.568 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU051625.D
Acq: 31 Oct 2022 20:55

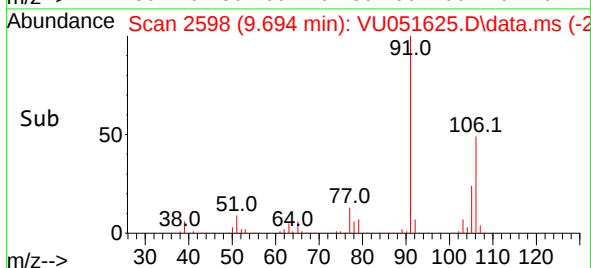
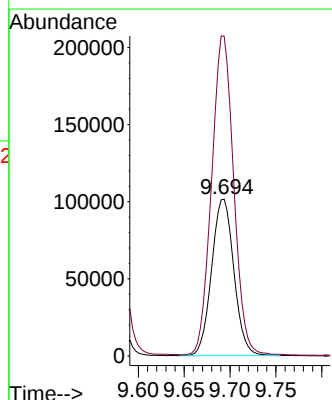
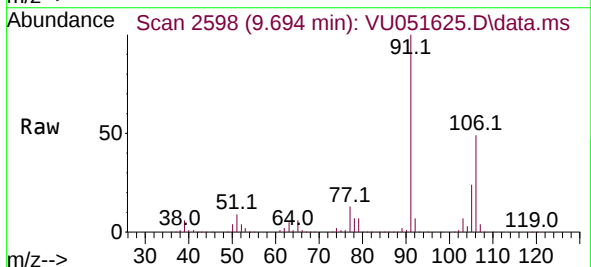
Instrument :
MSVOA_U
ClientSampleId :
DBWW9MSD

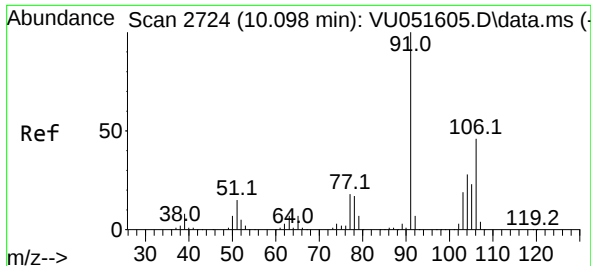
Tgt Ion: 91 Resp: 433117
Ion Ratio Lower Upper
91 100
106 31.4 21.8 40.6



#53
m,p-Xylene
Concen: 5.371 ug/L
RT: 9.694 min Scan# 2598
Delta R.T. 0.000 min
Lab File: VU051625.D
Acq: 31 Oct 2022 20:55

Tgt Ion: 106 Resp: 171433
Ion Ratio Lower Upper
106 100
91 203.8 139.4 259.0

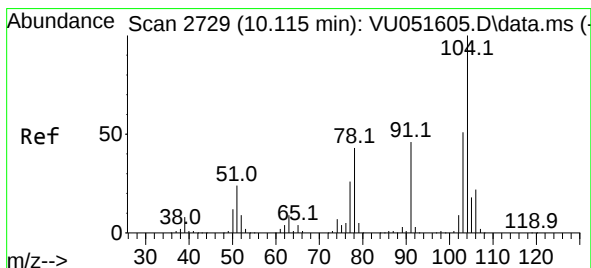
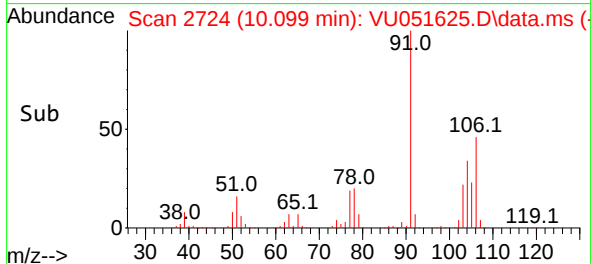
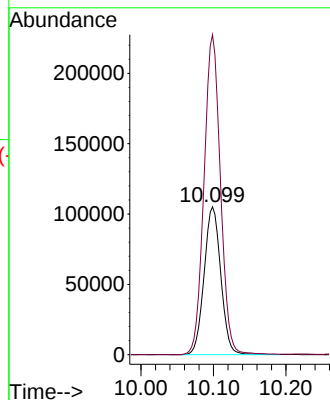
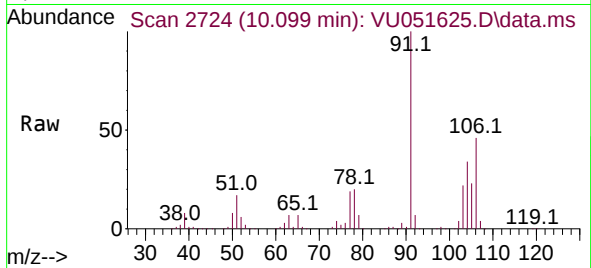




#54
o-Xylene
Concen: 5.390 ug/L
RT: 10.099 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU051625.D
Acq: 31 Oct 2022 20:55

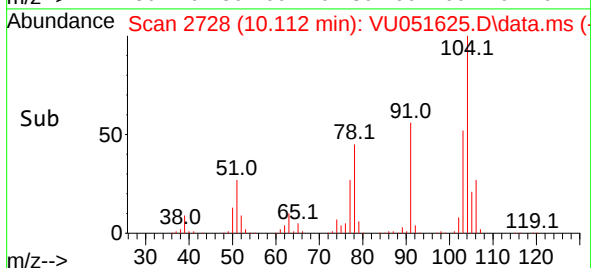
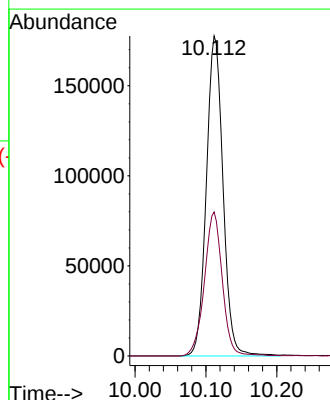
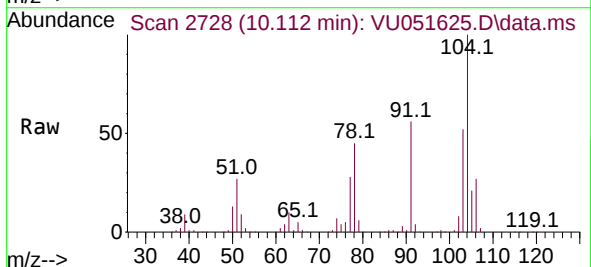
Instrument :
MSVOA_U
ClientSampleId :
DBWW9MSD

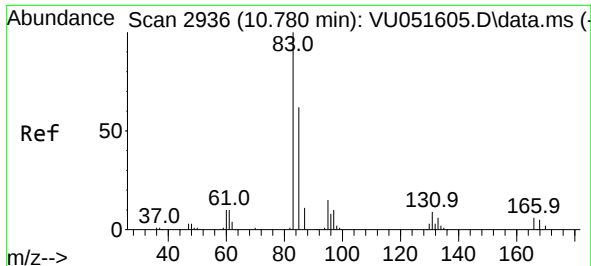
Tgt Ion:106 Resp: 168141
Ion Ratio Lower Upper
106 100
91 216.4 149.2 277.2



#55
Styrene
Concen: 5.580 ug/L
RT: 10.112 min Scan# 2728
Delta R.T. -0.003 min
Lab File: VU051625.D
Acq: 31 Oct 2022 20:55

Tgt Ion:104 Resp: 291034
Ion Ratio Lower Upper
104 100
78 45.0 31.8 59.0

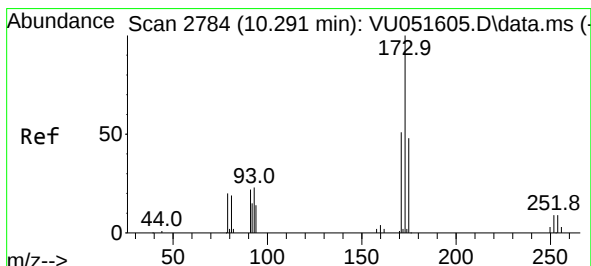
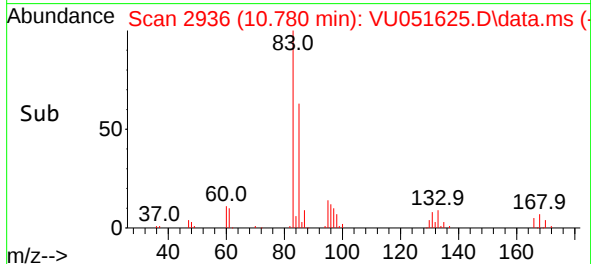
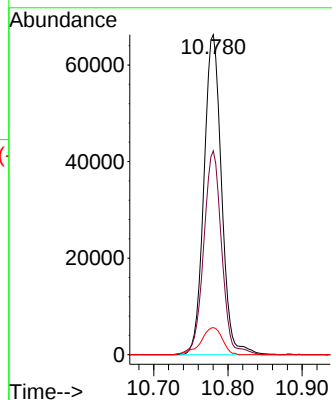
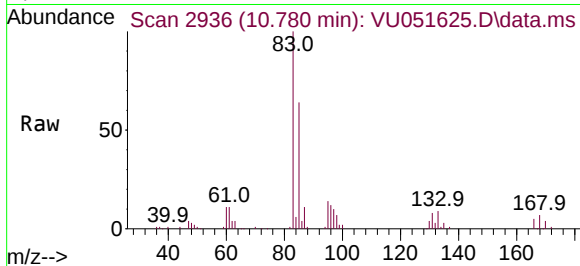




#57
1,1,2,2-Tetrachloroethane
Concen: 5.622 ug/L
RT: 10.780 min Scan# 2936
Delta R.T. 0.000 min
Lab File: VU051625.D
Acq: 31 Oct 2022 20:55

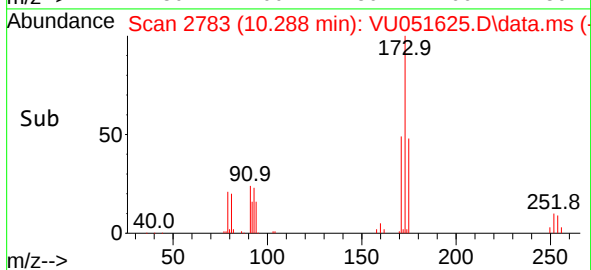
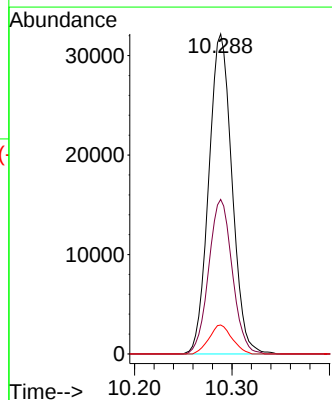
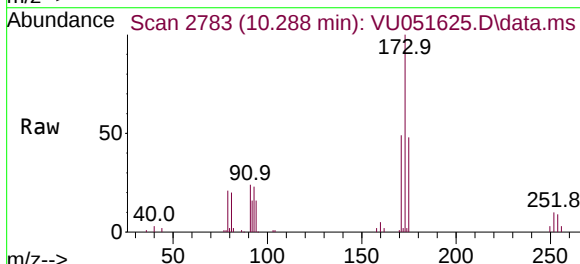
Instrument :
MSVOA_U
ClientSampleId :
DBWW9MSD

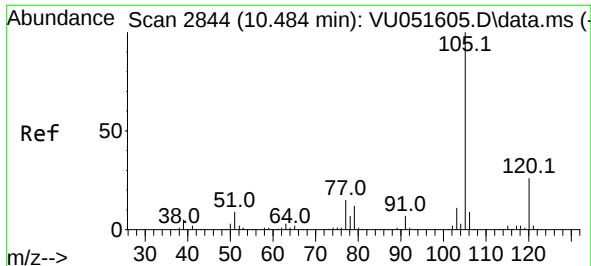
Tgt Ion: 83 Resp: 108970
Ion Ratio Lower Upper
83 100
85 63.7 44.9 83.5
131 8.5 7.8 11.8



#59
Bromoform
Concen: 5.187 ug/L
RT: 10.288 min Scan# 2783
Delta R.T. -0.003 min
Lab File: VU051625.D
Acq: 31 Oct 2022 20:55

Tgt Ion:173 Resp: 53215
Ion Ratio Lower Upper
173 100
175 49.0 38.7 58.1
254 8.9 7.3 10.9

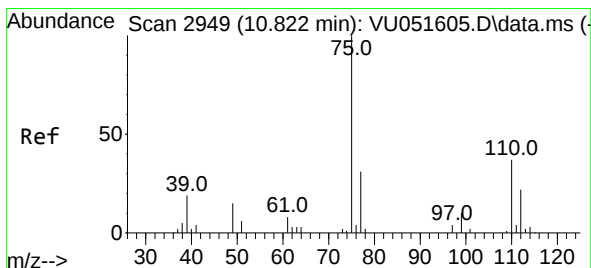
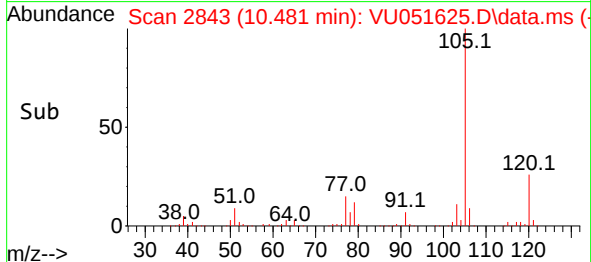
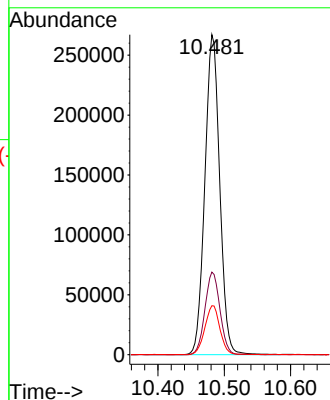
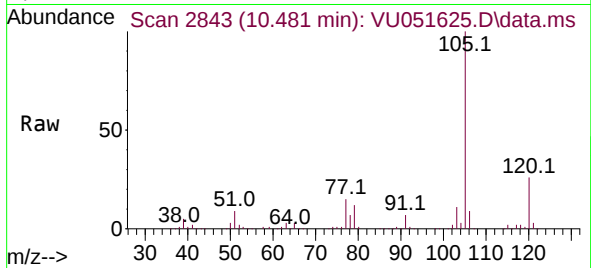




#60
Isopropylbenzene
Concen: 5.130 ug/L
RT: 10.481 min Scan# 2844
Delta R.T. -0.003 min
Lab File: VU051625.D
Acq: 31 Oct 2022 20:55

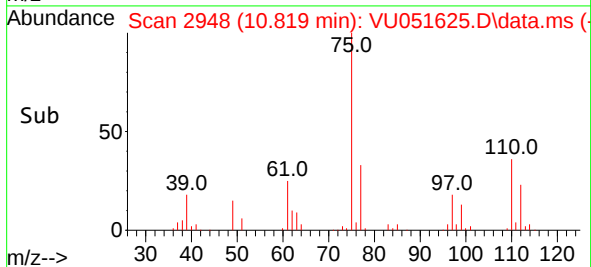
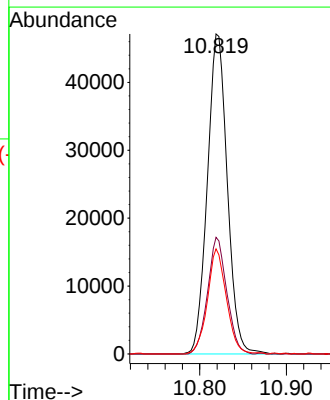
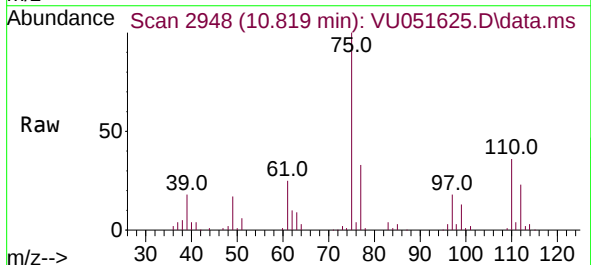
Instrument :
MSVOA_U
ClientSampleId :
DBWW9MSD

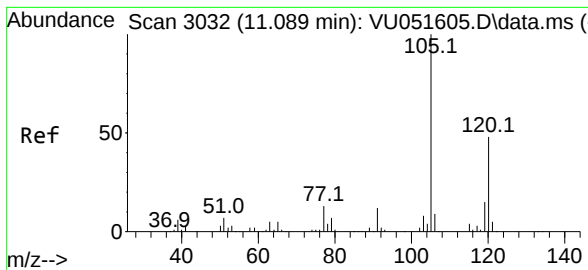
Tgt Ion:105 Resp: 415823
Ion Ratio Lower Upper
105 100
120 26.2 20.9 31.3
77 15.6 12.3 18.5



#61
1,2,3-Trichloropropane
Concen: 5.256 ug/L
RT: 10.819 min Scan# 2948
Delta R.T. -0.003 min
Lab File: VU051625.D
Acq: 31 Oct 2022 20:55

Tgt Ion: 75 Resp: 75463
Ion Ratio Lower Upper
75 100
110 35.0 28.7 43.1
77 31.3 26.1 39.1

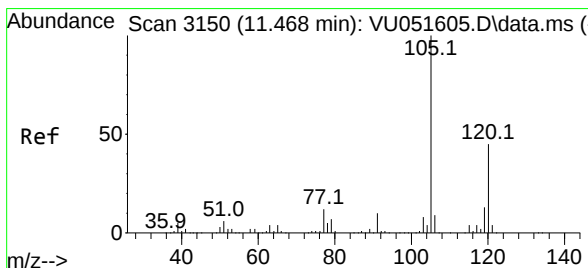
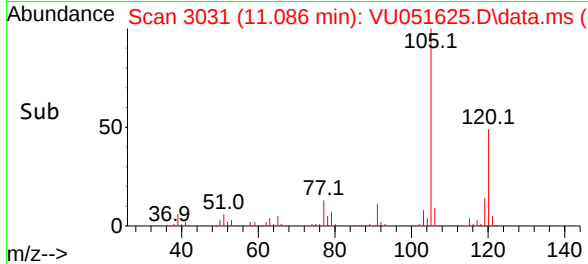
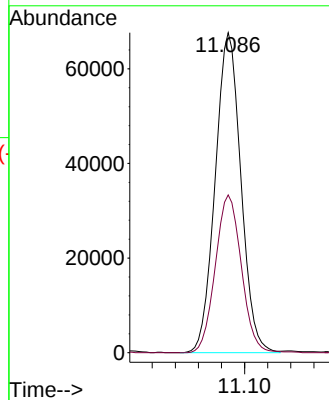
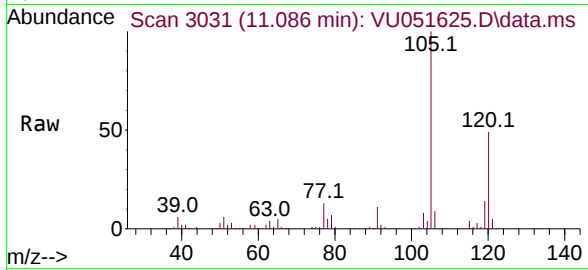




#62
 1,3,5-Trimethylbenzene
 Concen: 4.777 ug/L
 RT: 11.086 min Scan# 3032
 Delta R.T. -0.003 min
 Lab File: VU051625.D
 Acq: 31 Oct 2022 20:55

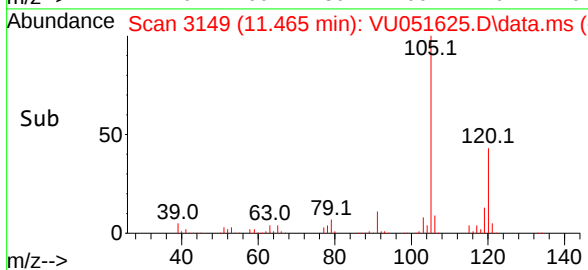
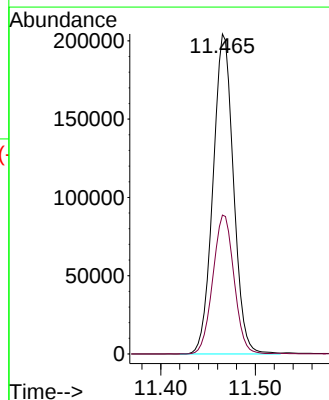
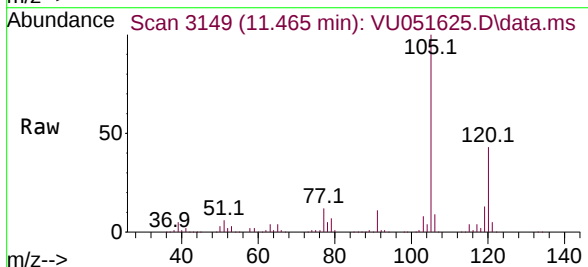
Instrument :
 MSVOA_U
 ClientSampleId :
 DBWW9MSD

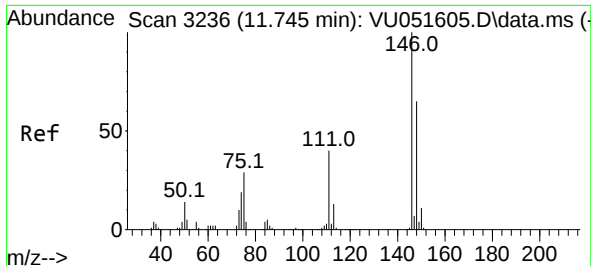
Tgt Ion:105 Resp: 104234
 Ion Ratio Lower Upper
 105 100
 120 50.1 38.6 57.8



#63
 1,2,4-Trimethylbenzene
 Concen: 4.888 ug/L
 RT: 11.465 min Scan# 3149
 Delta R.T. -0.003 min
 Lab File: VU051625.D
 Acq: 31 Oct 2022 20:55

Tgt Ion:105 Resp: 307551
 Ion Ratio Lower Upper
 105 100
 120 44.9 35.8 53.6

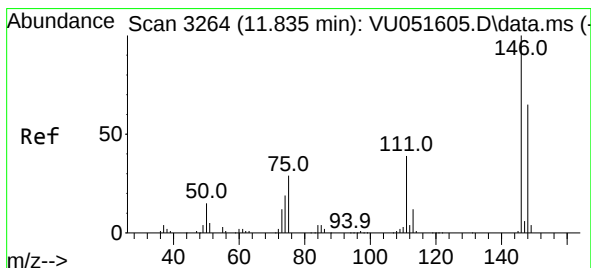
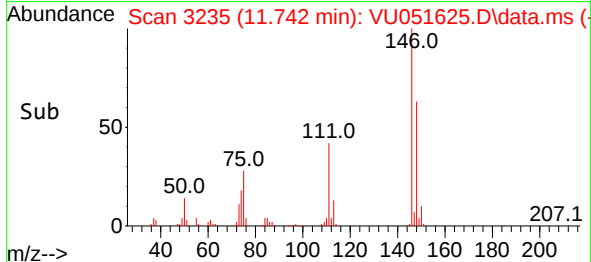
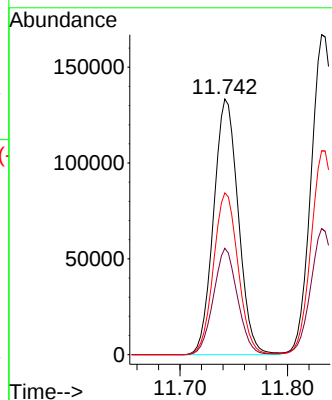
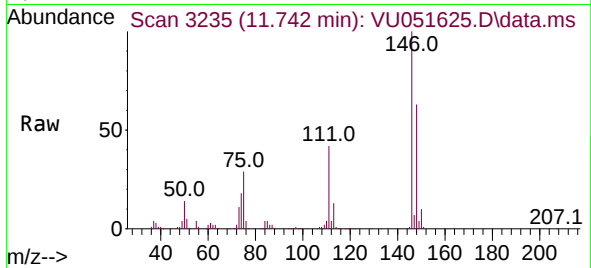




#64
1,3-Dichlorobenzene
Concen: 5.286 ug/L
RT: 11.742 min Scan# 31
Delta R.T. -0.003 min
Lab File: VU051625.D
Acq: 31 Oct 2022 20:55

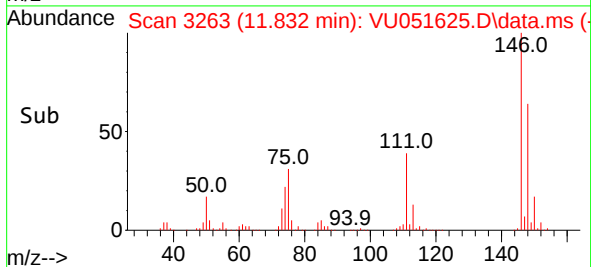
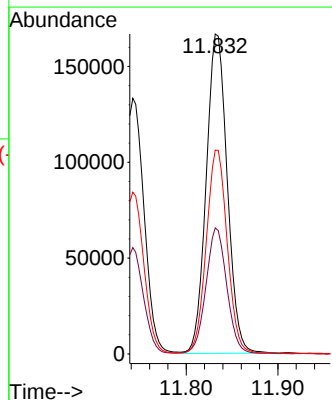
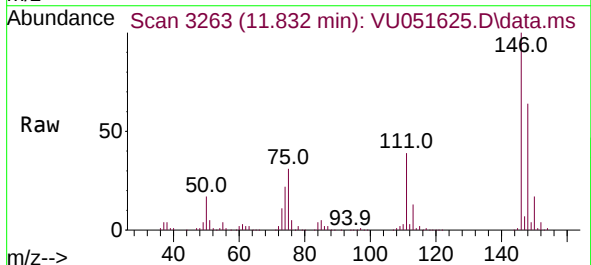
Instrument :
MSVOA_U
ClientSampleId :
DBWW9MSD

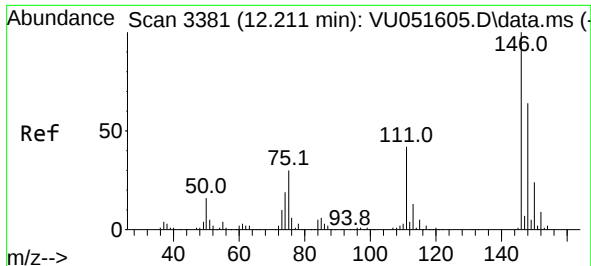
Tgt Ion:146 Resp: 213280
Ion Ratio Lower Upper
146 100
111 41.6 28.6 53.2
148 63.3 44.7 82.9



#65
1,4-Dichlorobenzene
Concen: 6.565 ug/L
RT: 11.832 min Scan# 3263
Delta R.T. -0.003 min
Lab File: VU051625.D
Acq: 31 Oct 2022 20:55

Tgt Ion:146 Resp: 265602
Ion Ratio Lower Upper
146 100
111 39.4 26.7 49.5
148 63.7 43.5 80.9

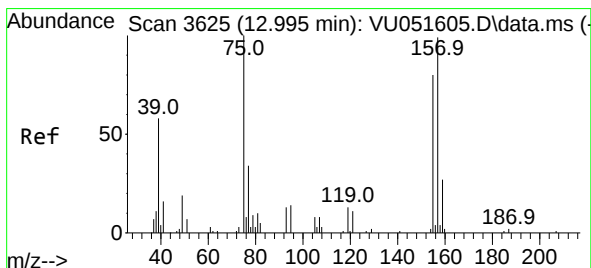
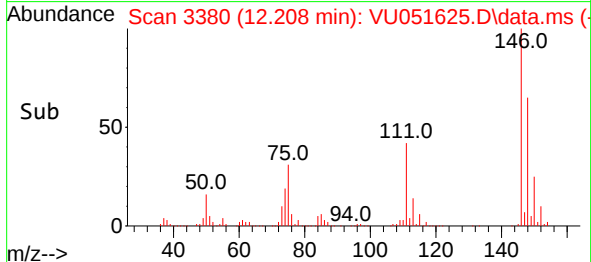
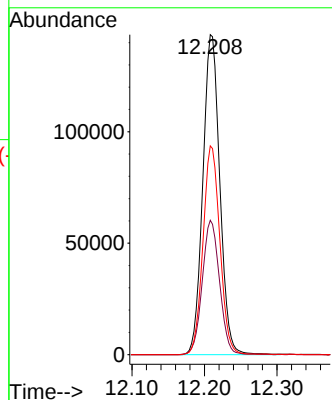
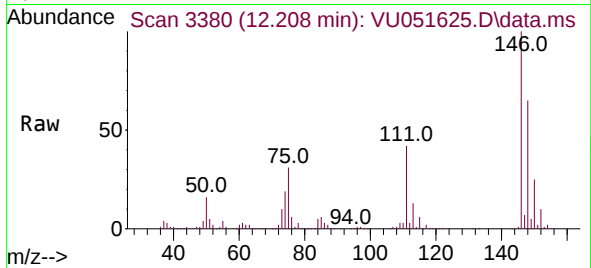




#67
1,2-Dichlorobenzene
Concen: 5.949 ug/L
RT: 12.208 min Scan# 31
Delta R.T. -0.003 min
Lab File: VU051625.D
Acq: 31 Oct 2022 20:55

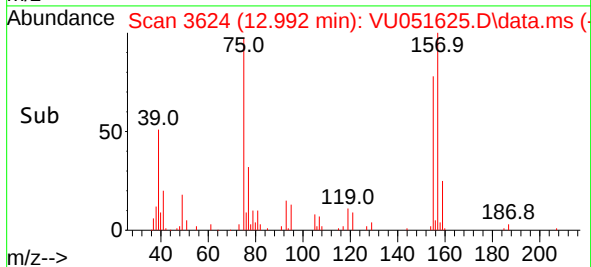
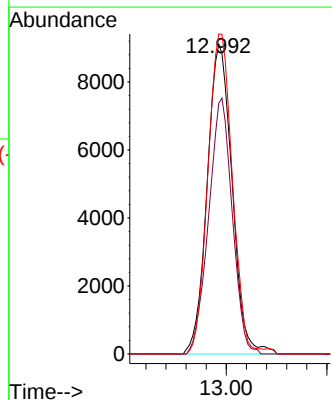
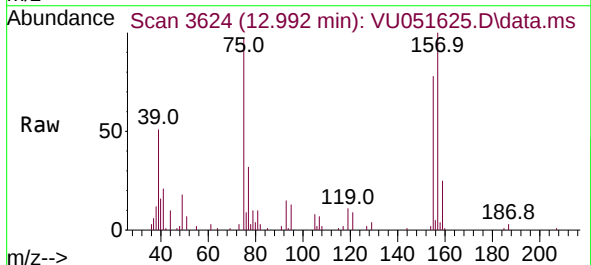
Instrument :
MSVOA_U
ClientSampleId :
DBWW9MSD

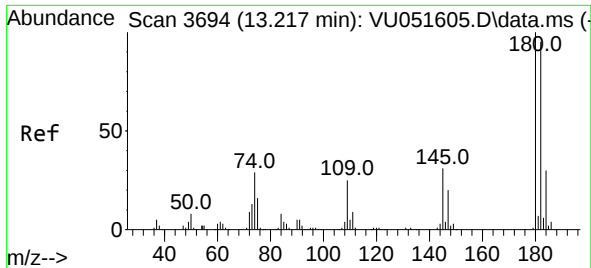
Tgt Ion:146 Resp: 233814
Ion Ratio Lower Upper
146 100
111 42.0 34.2 51.2
148 65.3 50.1 75.1



#68
1,2-Dibromo-3-chloropropane
Concen: 5.301 ug/L
RT: 12.992 min Scan# 3624
Delta R.T. -0.003 min
Lab File: VU051625.D
Acq: 31 Oct 2022 20:55

Tgt Ion: 75 Resp: 15671
Ion Ratio Lower Upper
75 100
155 81.0 61.4 92.2
157 103.4 86.7 130.1

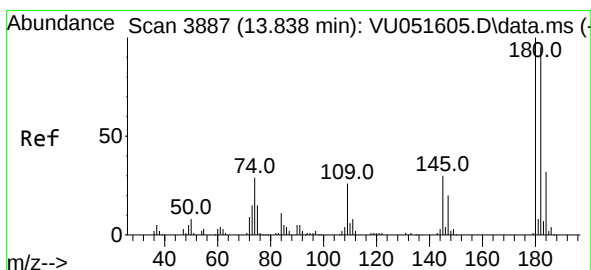
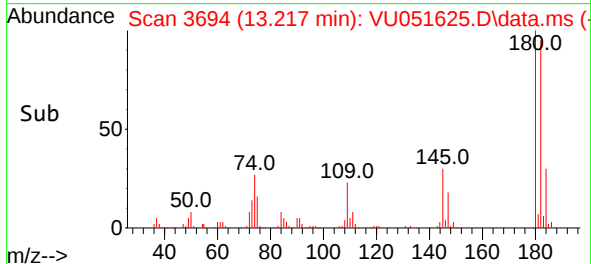
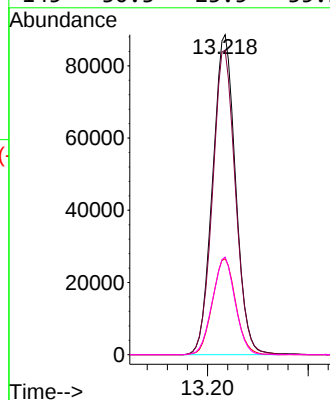
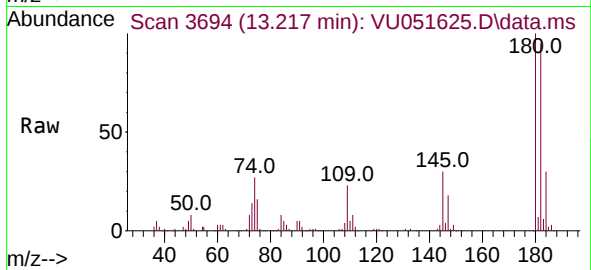




#69
1,3,5-Trichlorobenzene
Concen: 4.870 ug/L
RT: 13.217 min Scan# 3694
Delta R.T. 0.000 min
Lab File: VU051625.D
Acq: 31 Oct 2022 20:55

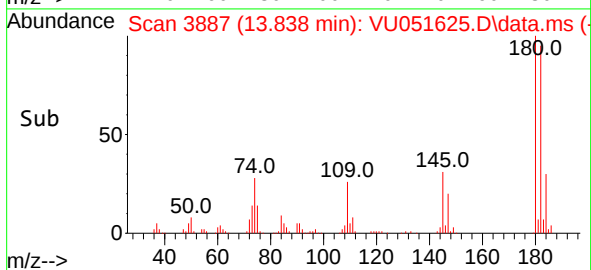
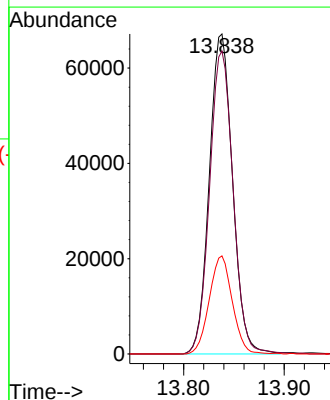
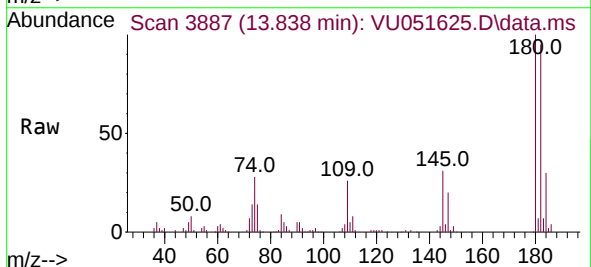
Instrument :
MSVOA_U
ClientSampleId :
DBWW9MSD

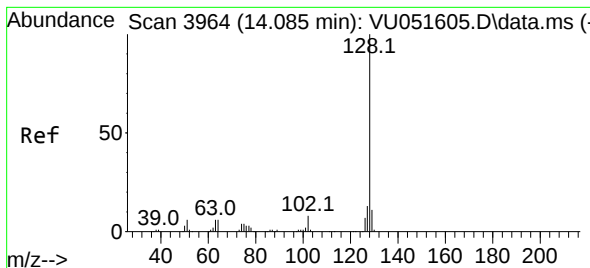
Tgt Ion:180 Resp: 140070
Ion Ratio Lower Upper
180 100
182 95.1 77.0 115.6
184 30.4 23.7 35.5
145 30.3 23.5 35.3



#70
1,2,4-trichlorobenzene
Concen: 4.890 ug/L
RT: 13.838 min Scan# 3887
Delta R.T. 0.000 min
Lab File: VU051625.D
Acq: 31 Oct 2022 20:55

Tgt Ion:180 Resp: 107976
Ion Ratio Lower Upper
180 100
182 95.6 77.8 116.6
145 30.3 25.0 37.6





#71

Naphthalene

Concen: 4.914 ug/L

RT: 14.082 min Scan# 3964

Delta R.T. -0.003 min

Lab File: VU051625.D

Acq: 31 Oct 2022 20:55

Instrument :

MSVOA_U

ClientSampleId :

DBWW9MSD

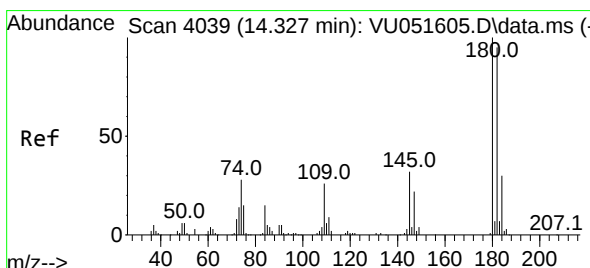
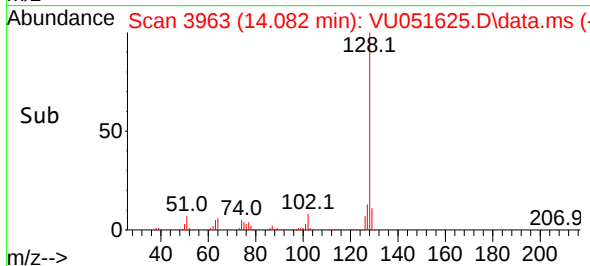
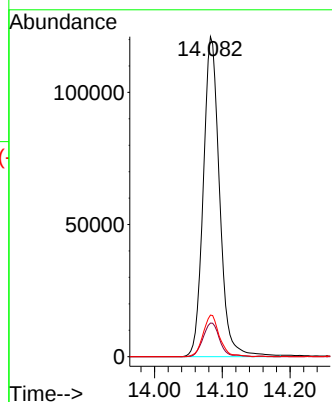
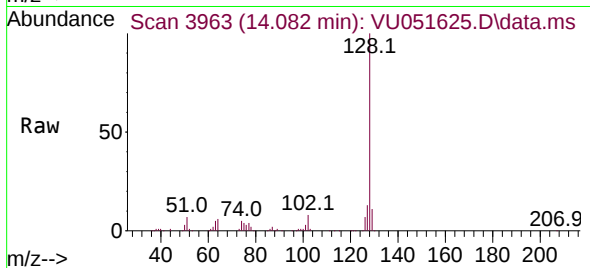
Tgt Ion:128 Resp: 202520

Ion Ratio Lower Upper

128 100

129 10.8 8.4 12.6

127 13.0 10.3 15.5



#72

1,2,3-Trichlorobenzene

Concen: 4.938 ug/L

RT: 14.327 min Scan# 4039

Delta R.T. 0.000 min

Lab File: VU051625.D

Acq: 31 Oct 2022 20:55

Tgt Ion:180 Resp: 110098

Ion Ratio Lower Upper

180 100

182 96.6 76.1 114.1

145 31.8 25.6 38.4

