

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU103122\
 Data File : VU051621.D
 Acq On : 31 Oct 2022 19:15
 Operator : JC/MD
 Sample : N5353-10
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DBWU7

Quant Time: Nov 01 01:29:31 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)

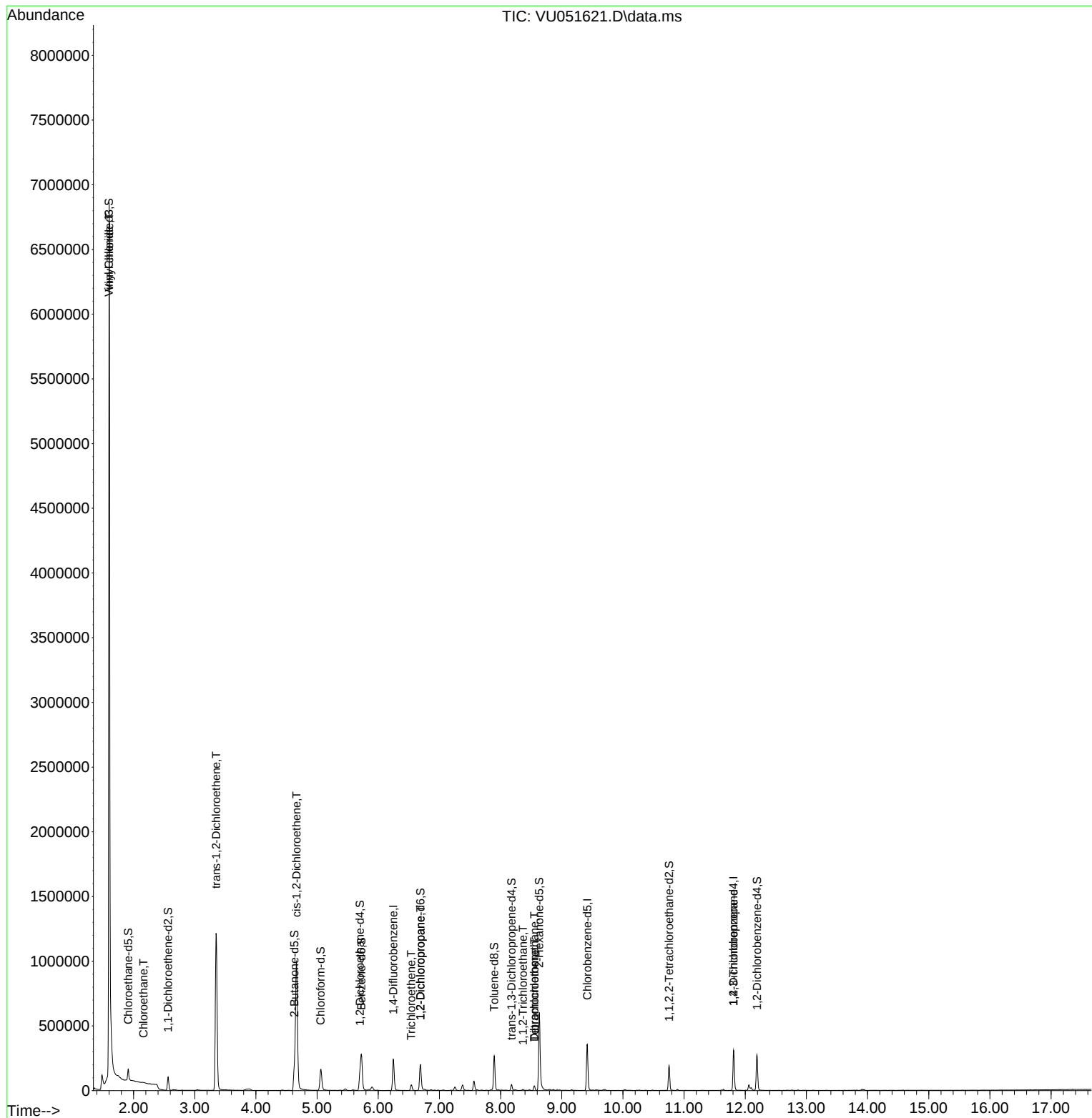
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	201455	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	211125	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	85542	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	90907	5.992	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	119.800%	
7) Chloroethane-d5	1.913	69	62460	3.947	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	79.000%	
11) 1,1-Dichloroethene-d2	2.565	65	18748	3.405	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	68.000%	
20) 2-Butanone-d5	4.629	46	285567	51.970	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	103.940%	
24) Chloroform-d	5.060	84	155524	4.380	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	87.600%	
26) 1,2-Dichloroethane-d4	5.700	65	87160	4.544	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	90.800%	
32) Benzene-d6	5.726	84	272395	4.088	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	81.800%	
36) 1,2-Dichloropropane-d6	6.690	67	100754	4.325	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	86.400%	
41) Toluene-d8	7.896	98	183286	3.498	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	70.000%	
43) trans-1,3-Dichloroprop...	8.179	79	25292	3.551	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	71.000%	
46) 2-Hexanone-d5	8.633	63	205680	47.965	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	95.920%	
56) 1,1,2,2-Tetrachloroeth...	10.755	84	99505	4.661	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	93.200%	
66) 1,2-Dichlorobenzene-d4	12.192	152	75314	4.797	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	96.000%	
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.601	62	5095743	191.541	ug/L	95
8) Chloroethane	2.163	64	8114	0.502	ug/L #	52
18) trans-1,2-Dichloroethene	3.350	96	531515	28.279	ug/L	99
22) cis-1,2-Dichloroethene	4.665	96	519391	24.974	ug/L	99
34) Trichloroethene	6.539	95	15019	0.747	ug/L	97
37) 1,2-Dichloropropane	6.690	63	10280	0.480	ug/L #	88
45) 1,1,2-Trichloroethane	8.366	97	2467	0.157	ug/L #	14
47) Tetrachloroethene	8.552	164	8012	0.520	ug/L	90
49) Dibromochloromethane	8.552	129	8275	0.461	ug/L #	10
61) 1,2,3-Trichloropropane	11.809	75	10659	0.964	ug/L #	69

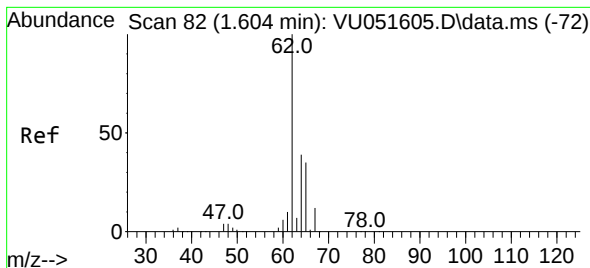
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 191.541 ug/L

RT: 1.601 min Scan# 81

Delta R.T. -0.003 min

Lab File: VU051621.D

Acq: 31 Oct 2022 19:15

Instrument :

MSVOA_U

ClientSampleId :

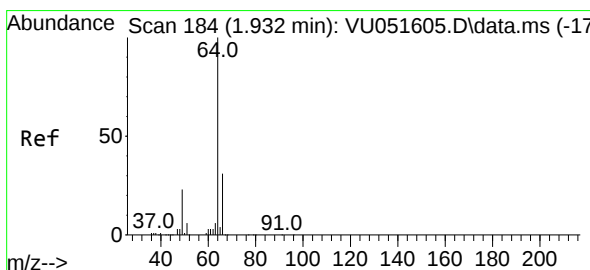
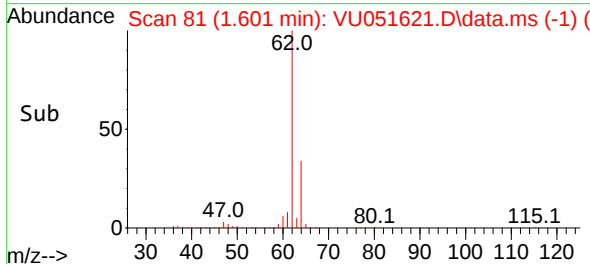
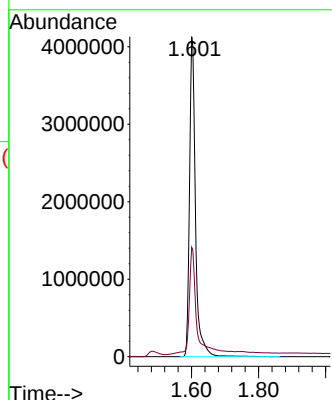
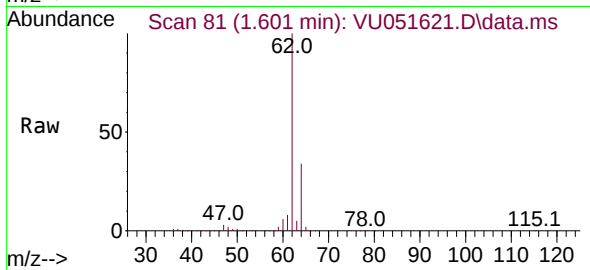
DBWU7

Tgt Ion: 62 Resp: 5095743

Ion Ratio Lower Upper

62 100

64 34.2 22.1 41.1



#8

Chloroethane

Concen: 0.502 ug/L

RT: 2.163 min Scan# 256

Delta R.T. 0.232 min

Lab File: VU051621.D

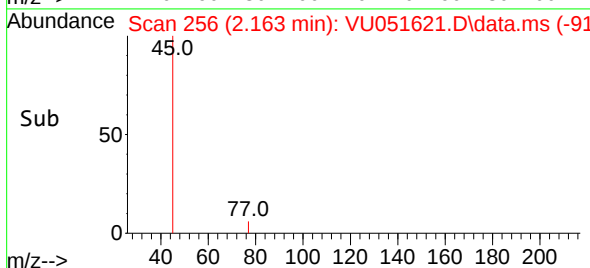
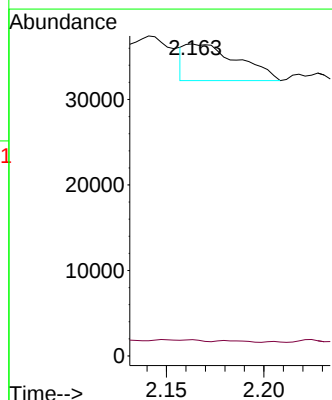
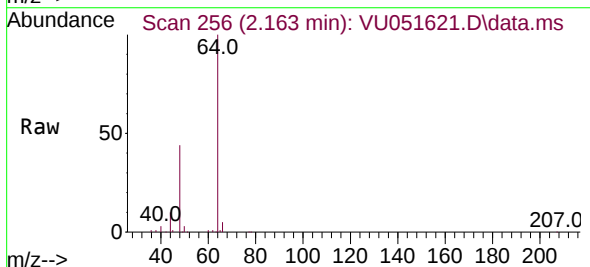
Acq: 31 Oct 2022 19:15

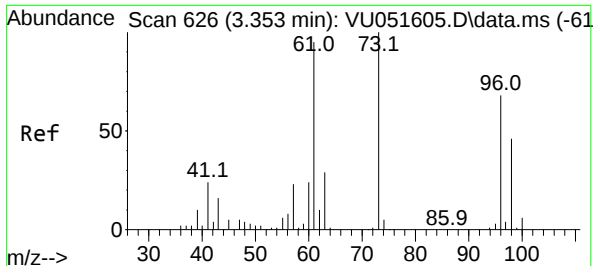
Tgt Ion: 64 Resp: 8114

Ion Ratio Lower Upper

64 100

66 5.2 22.3 41.5#

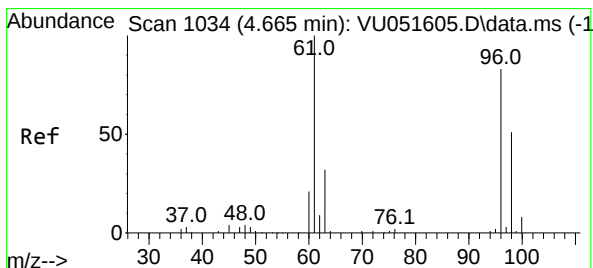
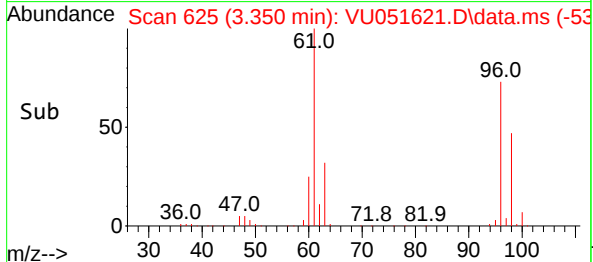
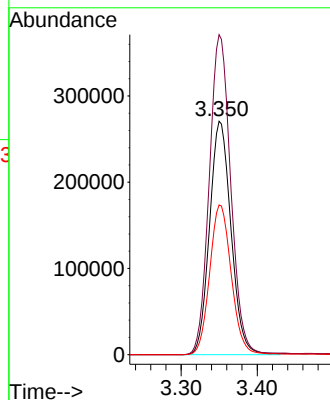
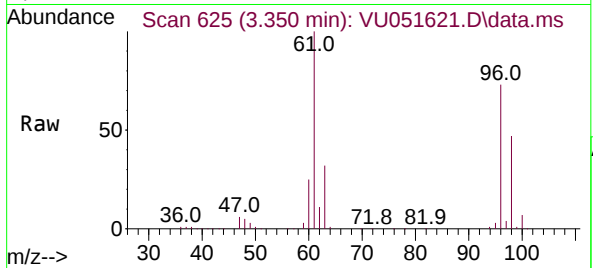




#18
trans-1,2-Dichloroethene
Concen: 28.279 ug/L
RT: 3.350 min Scan# 61
Delta R.T. -0.003 min
Lab File: VU051621.D
Acq: 31 Oct 2022 19:15

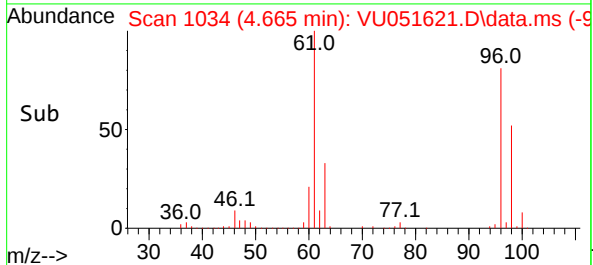
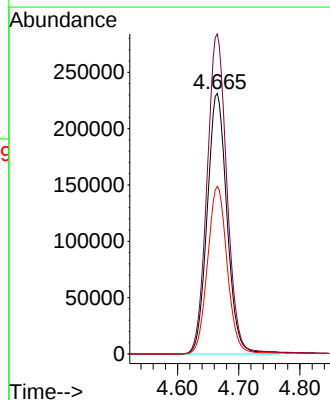
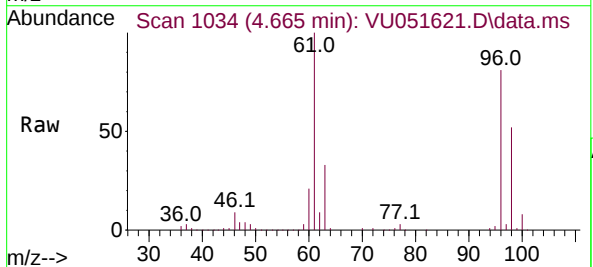
Instrument :
MSVOA_U
ClientSampleId :
DBWU7

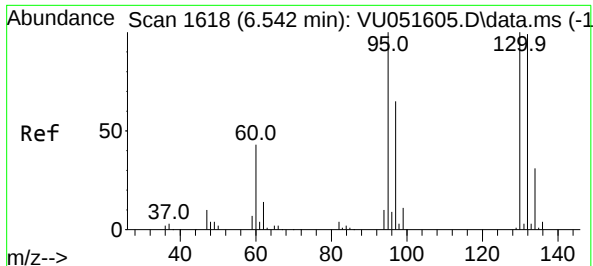
Tgt Ion: 96 Resp: 531515
Ion Ratio Lower Upper
96 100
61 137.0 94.7 175.9
98 64.1 44.2 82.0



#22
cis-1,2-Dichloroethene
Concen: 24.974 ug/L
RT: 4.665 min Scan# 1034
Delta R.T. 0.000 min
Lab File: VU051621.D
Acq: 31 Oct 2022 19:15

Tgt Ion: 96 Resp: 519391
Ion Ratio Lower Upper
96 100
61 122.9 86.4 160.4
98 64.4 44.2 82.2

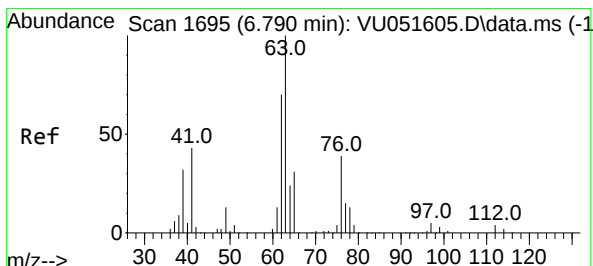
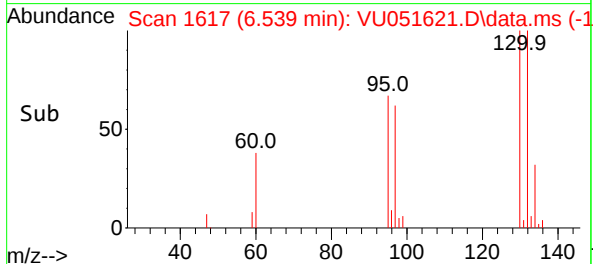
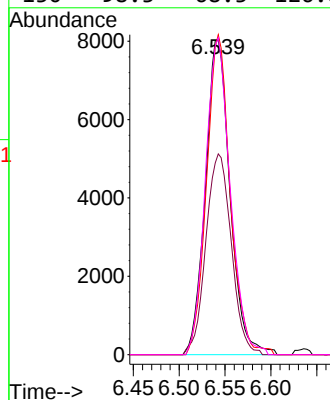
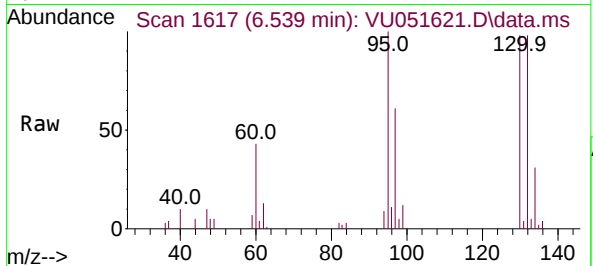




#34
Trichloroethene
Concen: 0.747 ug/L
RT: 6.539 min Scan# 1664
Delta R.T. -0.003 min
Lab File: VU051621.D
Acq: 31 Oct 2022 19:15

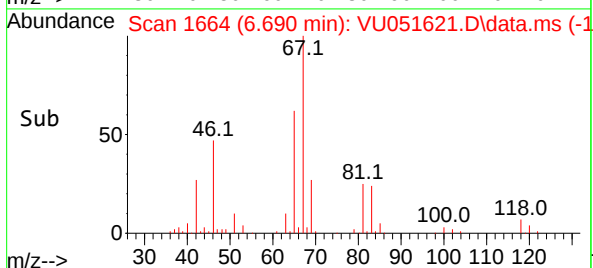
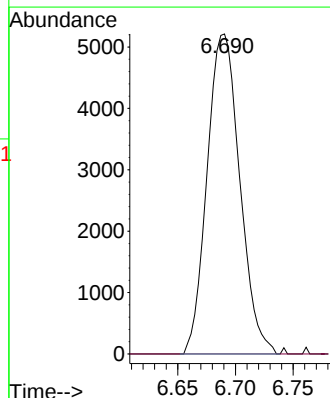
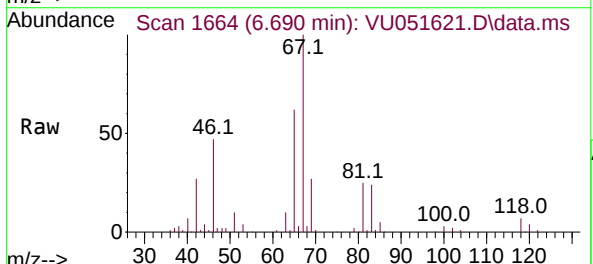
Instrument :
MSVOA_U
ClientSampleId :
DBWU7

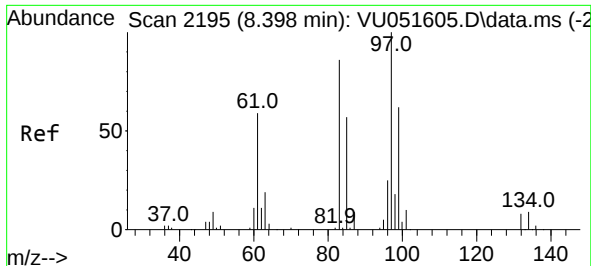
Tgt Ion: 95 Resp: 15019
Ion Ratio Lower Upper
95 100
97 61.0 45.2 84.0
132 98.0 66.5 123.5
130 98.3 68.3 126.8



#37
1,2-Dichloropropane
Concen: 0.480 ug/L
RT: 6.690 min Scan# 1664
Delta R.T. -0.099 min
Lab File: VU051621.D
Acq: 31 Oct 2022 19:15

Tgt Ion: 63 Resp: 10280
Ion Ratio Lower Upper
63 100
112 0.0 3.3 4.9#

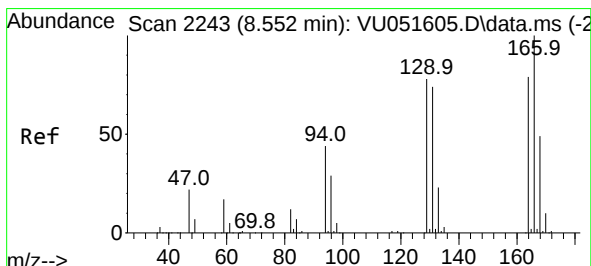
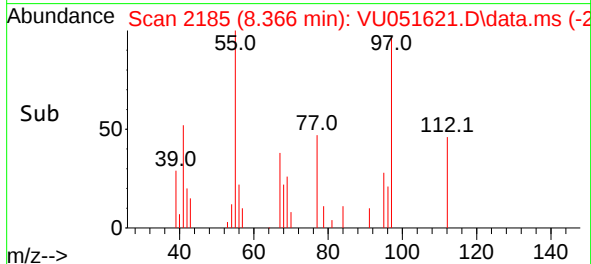
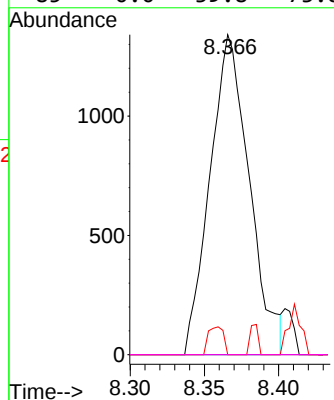
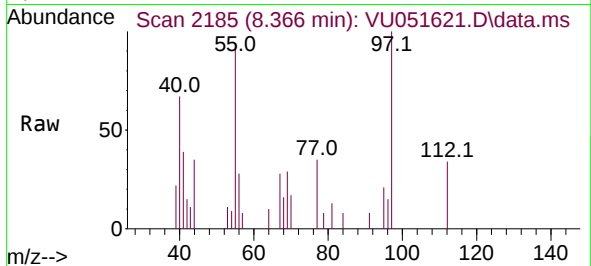




#45
1,1,2-Trichloroethane
Concen: 0.157 ug/L
RT: 8.366 min Scan# 2195
Delta R.T. -0.032 min
Lab File: VU051621.D
Acq: 31 Oct 2022 19:15

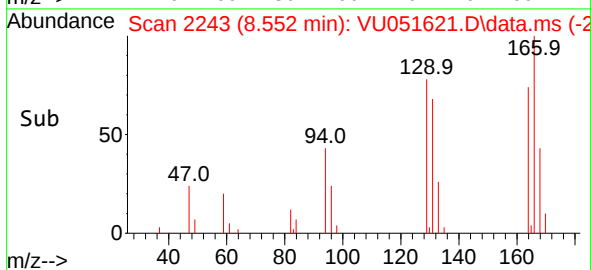
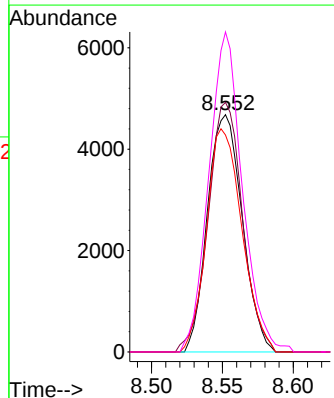
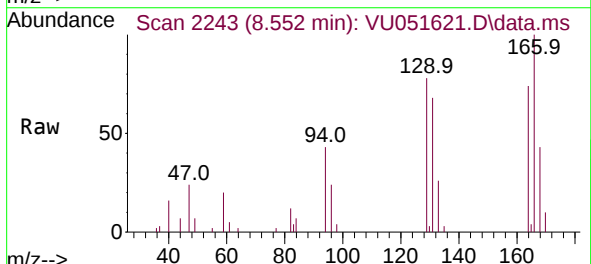
Instrument :
MSVOA_U
ClientSampleId :
DBWU7

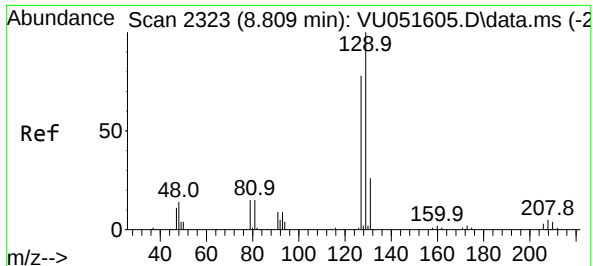
Tgt Ion: 97	Resp: 2467
Ion Ratio	Lower Upper
97 100	
99 0.0	43.4 80.6#
83 0.0	61.3 113.9#
85 0.0	39.8 73.8#



#47
Tetrachloroethene
Concen: 0.520 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. 0.000 min
Lab File: VU051621.D
Acq: 31 Oct 2022 19:15

Tgt Ion: 164	Resp: 8012
Ion Ratio	Lower Upper
164 100	
129 105.2	64.0 118.8
131 91.5	60.7 112.7
166 134.9	86.8 161.2





#49

Dibromochloromethane

Concen: 0.461 ug/L

RT: 8.552 min Scan# 21

Delta R.T. -0.257 min

Lab File: VU051621.D

Acq: 31 Oct 2022 19:15

Instrument :

MSVOA_U

ClientSampleId :

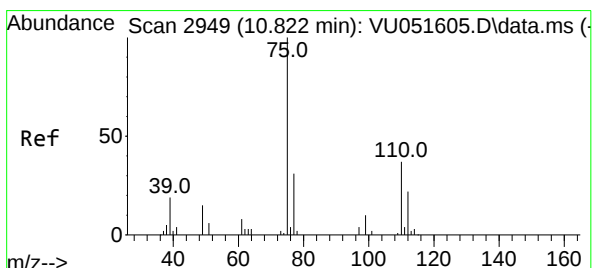
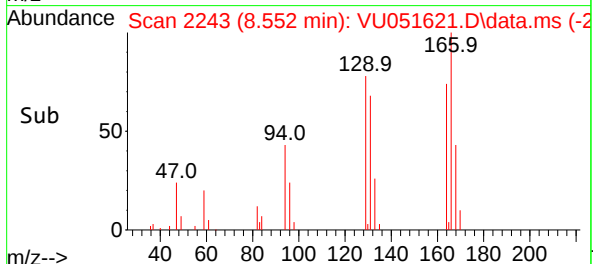
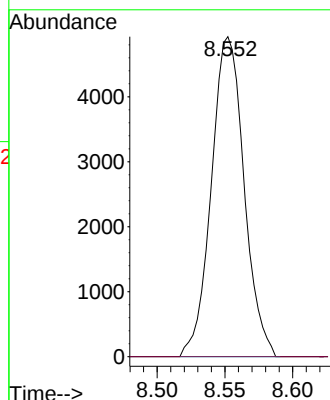
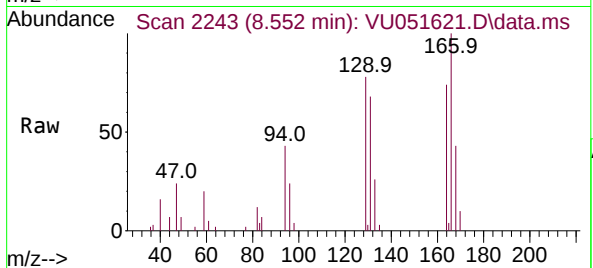
DBWU7

Tgt Ion:129 Resp: 8275

Ion Ratio Lower Upper

129 100

127 0.0 54.8 101.8#



#61

1,2,3-Trichloropropane

Concen: 0.964 ug/L

RT: 11.809 min Scan# 3256

Delta R.T. 0.987 min

Lab File: VU051621.D

Acq: 31 Oct 2022 19:15

Tgt Ion: 75 Resp: 10659

Ion Ratio Lower Upper

75 100

110 1.9 28.7 43.1#

77 33.2 26.1 39.1

