

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU103122\
 Data File : VU051630.D
 Acq On : 31 Oct 2022 23:28
 Operator : JC/MD
 Sample : N5353-17
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DBWX2

Quant Time: Nov 01 05:58:51 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Nov 01 02:34:58 2022
 Response via : Initial Calibration

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

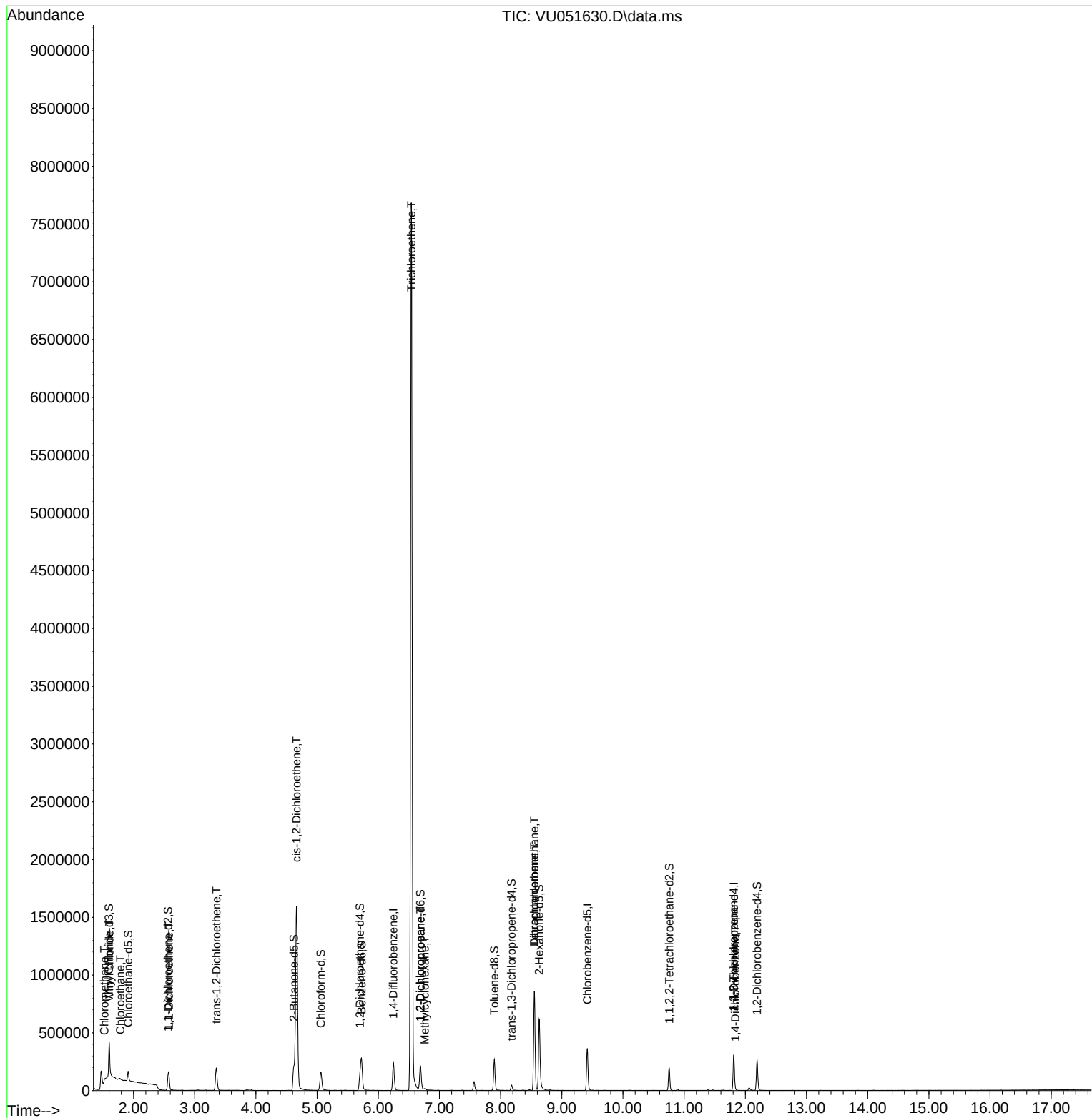
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	196778	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	207272	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.813	152	86143	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.598	65	50999	3.441	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	68.800%
7) Chloroethane-d5	1.913	69	62199	4.024	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	80.400%
11) 1,1-Dichloroethene-d2	2.562	65	19417	3.610	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.200%
20) 2-Butanone-d5	4.620	46	283725	52.862	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.720%
24) Chloroform-d	5.060	84	153141	4.416	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.400%
26) 1,2-Dichloroethane-d4	5.700	65	88828	4.741	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.800%
32) Benzene-d6	5.726	84	273292	4.178	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.600%
36) 1,2-Dichloropropane-d6	6.687	67	104991	4.590	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.800%
41) Toluene-d8	7.896	98	182012	3.539	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	70.800%
43) trans-1,3-Dichloroprop...	8.179	79	27090	3.874	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	77.400%
46) 2-Hexanone-d5	8.629	63	210486	49.998	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.000%
56) 1,1,2,2-Tetrachloroeth...	10.755	84	99595	4.752	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.000%
66) 1,2-Dichlorobenzene-d4	12.192	152	72722	4.600	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.000%
Target Compounds						Qvalue
3) Chloromethane	1.524	50	6674	0.246	ug/L #	81
5) Vinyl chloride	1.604	62	143074	5.506	ug/L #	1
8) Chloroethane	1.784	64	6644	0.421	ug/L #	51
12) 1,1-Dichloroethene	2.578	96	32875	1.922	ug/L #	85
18) trans-1,2-Dichloroethene	3.353	96	83604	4.554	ug/L	95
22) cis-1,2-Dichloroethene	4.665	96	862259	42.445	ug/L	98
34) Trichloroethene	6.539	95	2688115	136.179	ug/L	99
35) Methylcyclohexane	6.758	83	4080	0.149	ug/L #	67
37) 1,2-Dichloropropane	6.687	63	10915	0.519	ug/L #	89
47) Tetrachloroethene	8.552	164	194066	12.837	ug/L	93
49) Dibromochloromethane	8.552	129	188090	10.680	ug/L #	10
61) 1,2,3-Trichloropropane	11.809	75	10800	0.970	ug/L #	70
65) 1,4-Dichlorobenzene	11.835	146	2711	0.086	ug/L	92

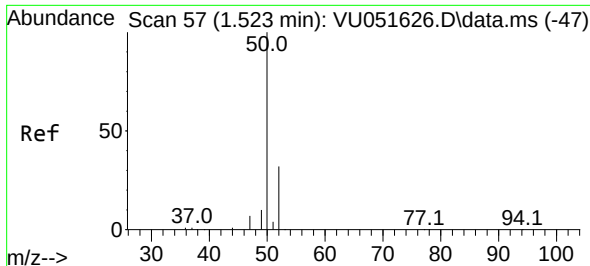
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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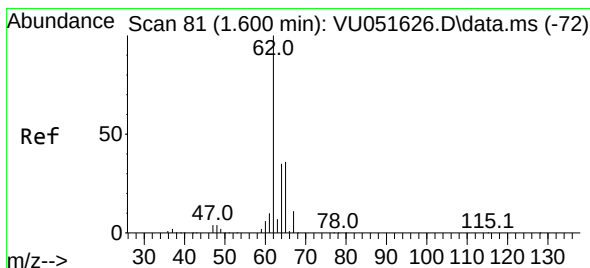
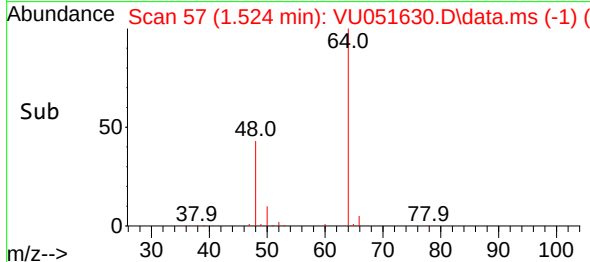
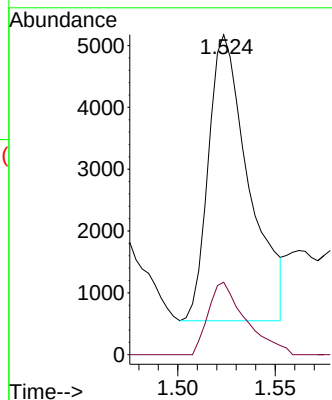
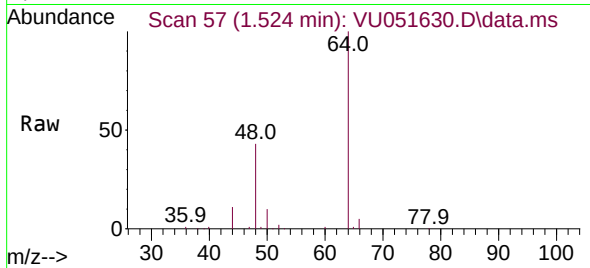




#3
Chloromethane
Concen: 0.246 ug/L
RT: 1.524 min Scan# 51
Delta R.T. 0.000 min
Lab File: VU051630.D
Acq: 31 Oct 2022 23:28

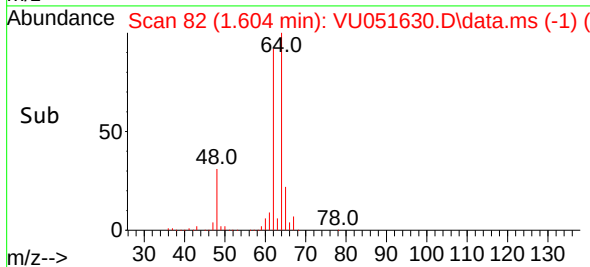
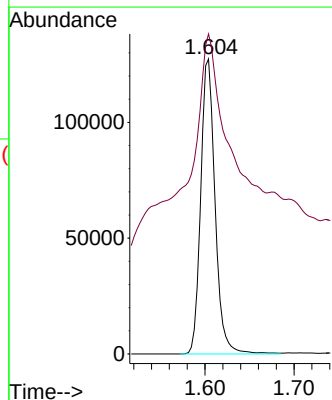
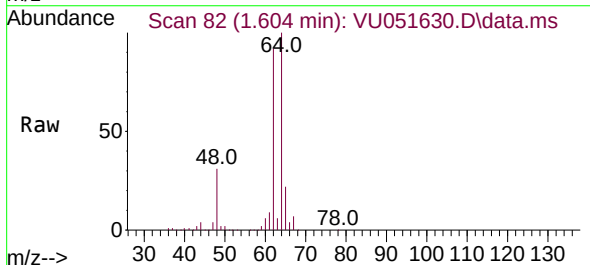
Instrument :
MSVOA_U
ClientSampleId :
DBWX2

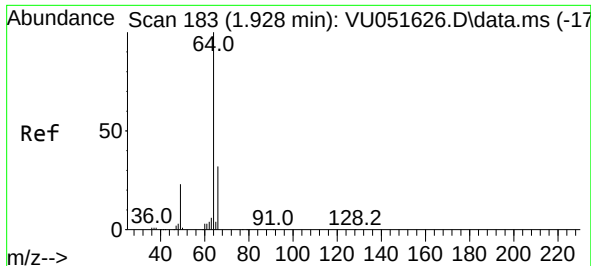
Tgt Ion: 50 Resp: 6674
Ion Ratio Lower Upper
50 100
52 22.7 23.2 43.2#



#5
Vinyl chloride
Concen: 5.506 ug/L
RT: 1.604 min Scan# 82
Delta R.T. 0.003 min
Lab File: VU051630.D
Acq: 31 Oct 2022 23:28

Tgt Ion: 62 Resp: 143074
Ion Ratio Lower Upper
62 100
64 108.5 22.1 41.1#

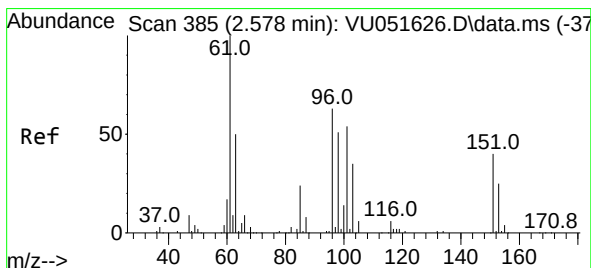
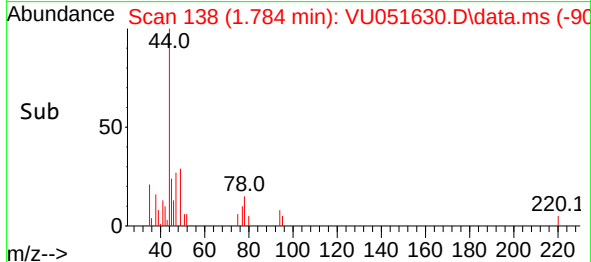
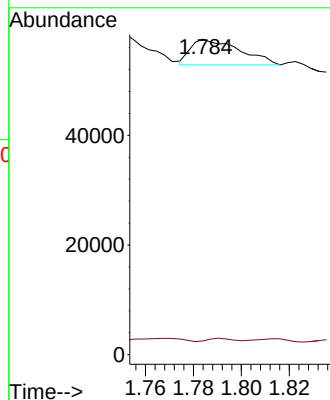
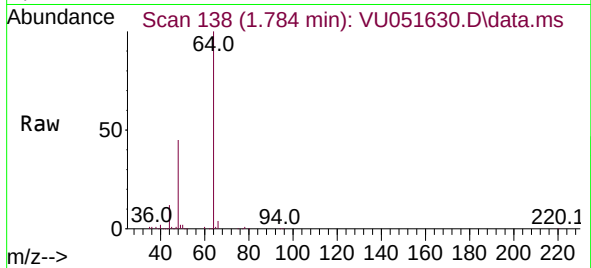




#8
Chloroethane
Concen: 0.421 ug/L
RT: 1.784 min Scan# 11
Delta R.T. -0.144 min
Lab File: VU051630.D
Acq: 31 Oct 2022 23:28

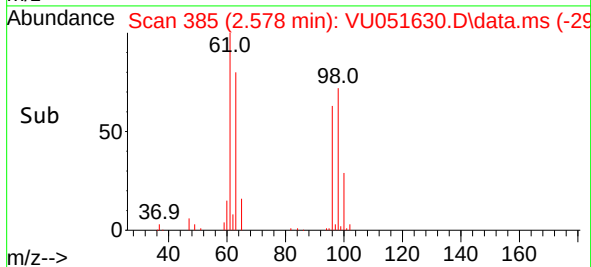
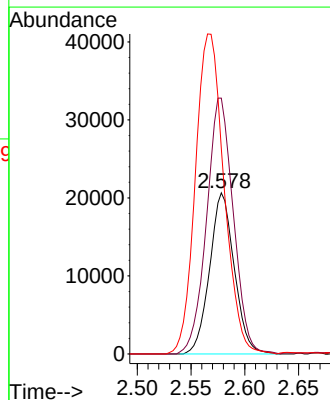
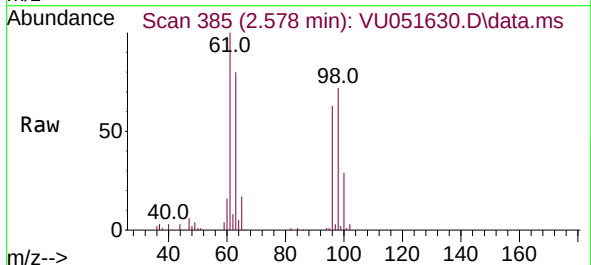
Instrument :
MSVOA_U
ClientSampleId :
DBWX2

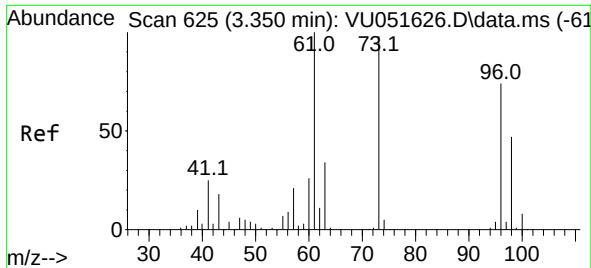
Tgt Ion: 64 Resp: 6644
Ion Ratio Lower Upper
64 100
66 4.4 22.3 41.5#



#12
1,1-Dichloroethene
Concen: 1.922 ug/L
RT: 2.578 min Scan# 385
Delta R.T. 0.000 min
Lab File: VU051630.D
Acq: 31 Oct 2022 23:28

Tgt Ion: 96 Resp: 32875
Ion Ratio Lower Upper
96 100
61 158.8 108.8 202.0
63 127.5 64.9 120.5#

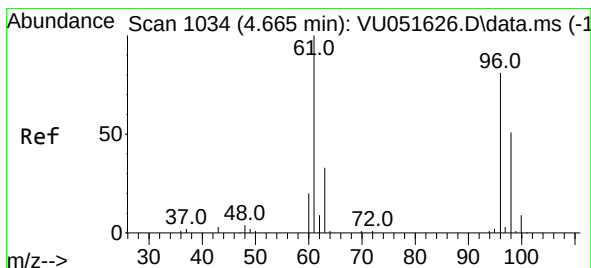
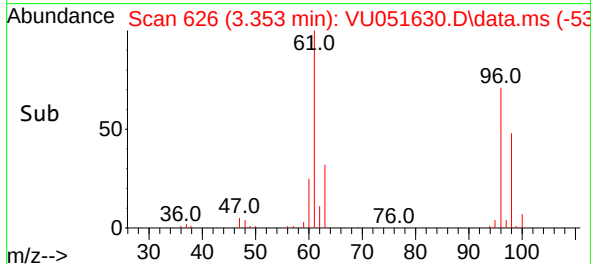
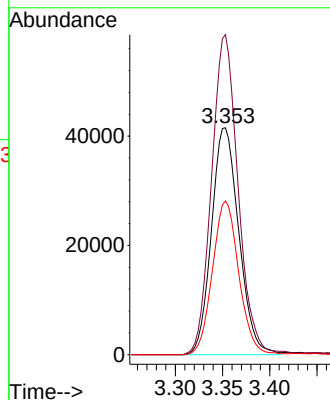
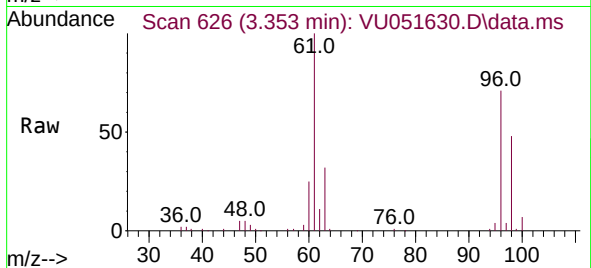




#18
trans-1,2-Dichloroethene
Concen: 4.554 ug/L
RT: 3.353 min Scan# 61
Delta R.T. 0.003 min
Lab File: VU051630.D
Acq: 31 Oct 2022 23:28

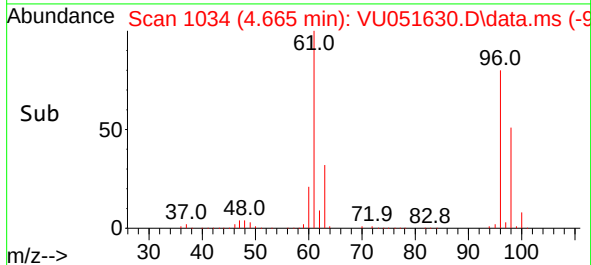
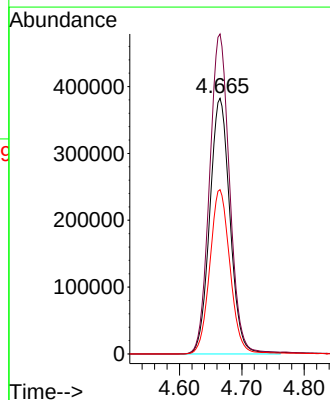
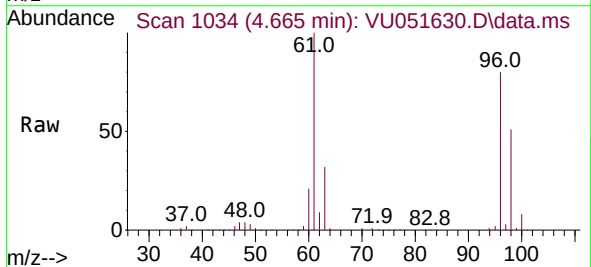
Instrument :
MSVOA_U
ClientSampleId :
DBWX2

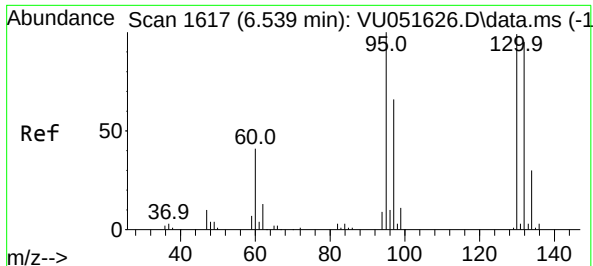
Tgt Ion: 96 Resp: 83604
Ion Ratio Lower Upper
96 100
61 141.0 94.7 175.9
98 67.8 44.2 82.0



#22
cis-1,2-Dichloroethene
Concen: 42.445 ug/L
RT: 4.665 min Scan# 1034
Delta R.T. 0.000 min
Lab File: VU051630.D
Acq: 31 Oct 2022 23:28

Tgt Ion: 96 Resp: 862259
Ion Ratio Lower Upper
96 100
61 125.2 86.4 160.4
98 64.3 44.2 82.2



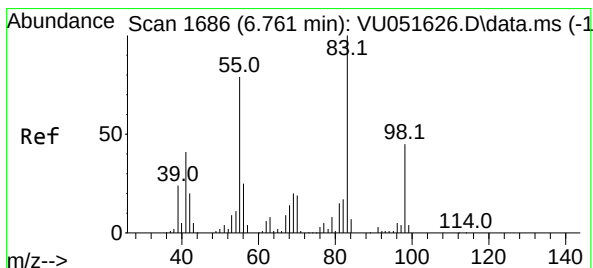
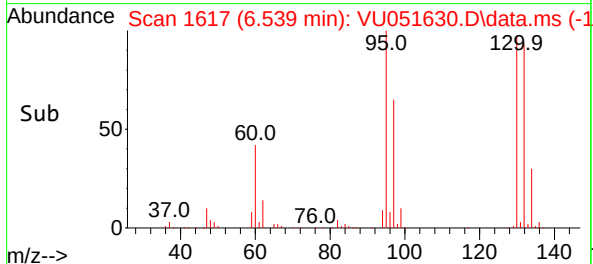
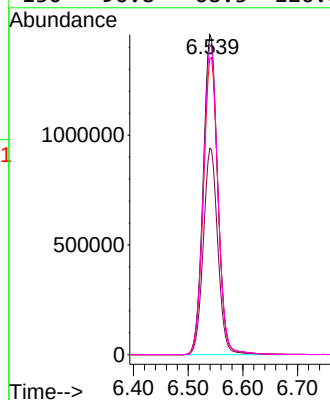
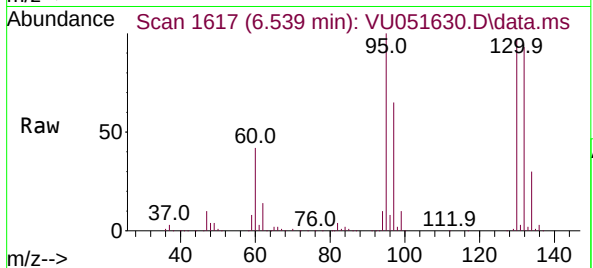


#34
Trichloroethene
Concen: 136.179 ug/L
RT: 6.539 min Scan# 1617
Delta R.T. 0.000 min
Lab File: VU051630.D
Acq: 31 Oct 2022 23:28

Instrument :
MSVOA_U
ClientSampleId :
DBWX2

Tgt Ion: 95 Resp: 2688115

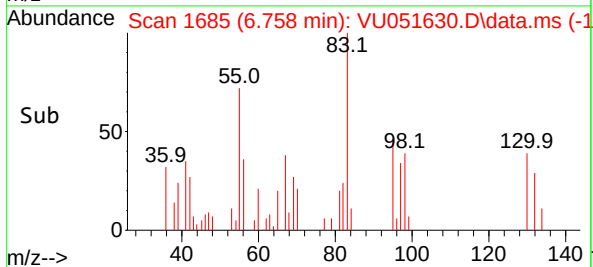
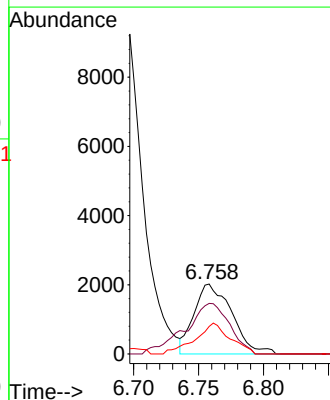
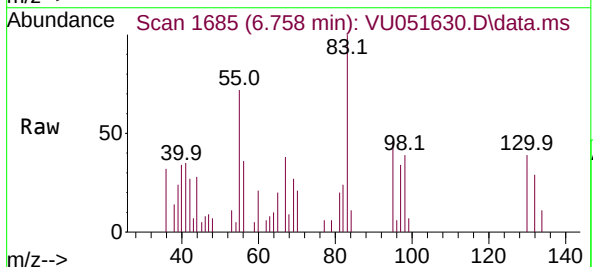
Ion	Ratio	Lower	Upper
95	100		
97	64.5	45.2	84.0
132	92.6	66.5	123.5
130	96.8	68.3	126.8

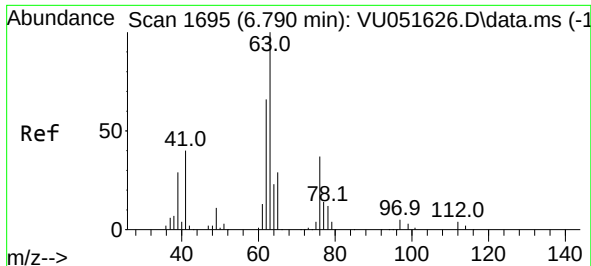


#35
Methylcyclohexane
Concen: 0.149 ug/L
RT: 6.758 min Scan# 1685
Delta R.T. -0.003 min
Lab File: VU051630.D
Acq: 31 Oct 2022 23:28

Tgt Ion: 83 Resp: 4080

Ion	Ratio	Lower	Upper
83	100		
55	85.3	60.6	90.8
98	0.0	35.8	53.6#





#37

1,2-Dichloropropane

Concen: 0.519 ug/L

RT: 6.687 min Scan# 1

Delta R.T. -0.103 min

Lab File: VU051630.D

Acq: 31 Oct 2022 23:28

Instrument :

MSVOA_U

ClientSampleId :

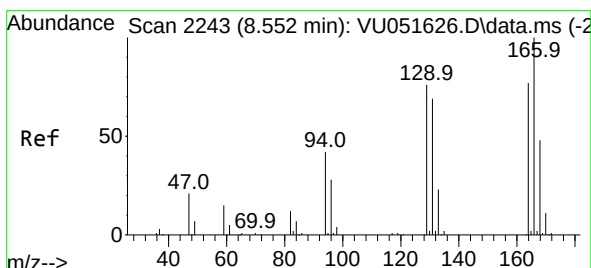
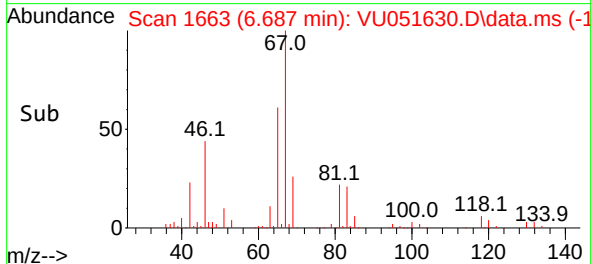
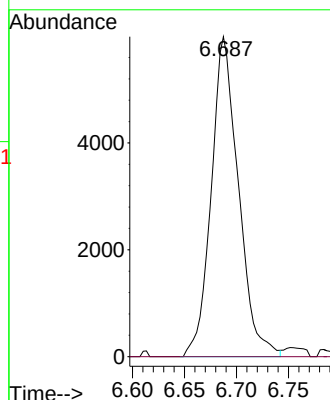
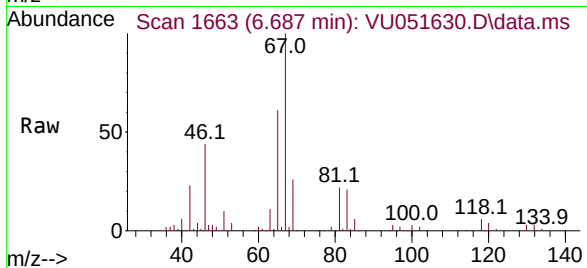
DBWX2

Tgt Ion: 63 Resp: 10915

Ion Ratio Lower Upper

63 100

112 0.4 3.3 4.9#



#47

Tetrachloroethene

Concen: 12.837 ug/L

RT: 8.552 min Scan# 2243

Delta R.T. 0.000 min

Lab File: VU051630.D

Acq: 31 Oct 2022 23:28

Tgt Ion:164 Resp: 194066

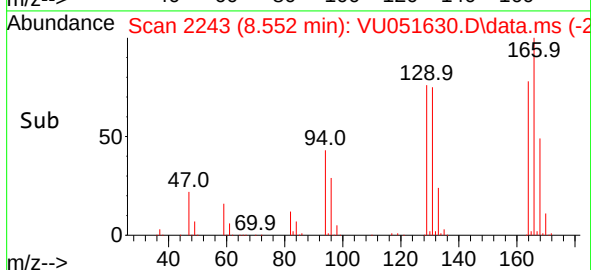
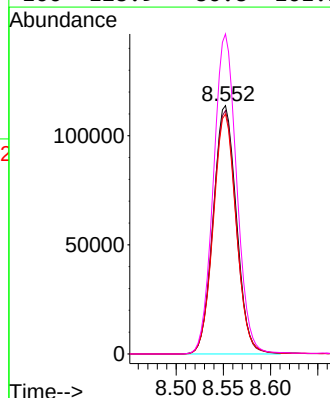
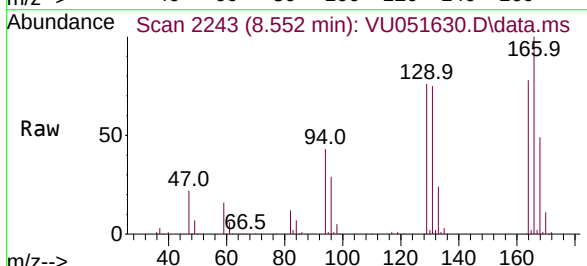
Ion Ratio Lower Upper

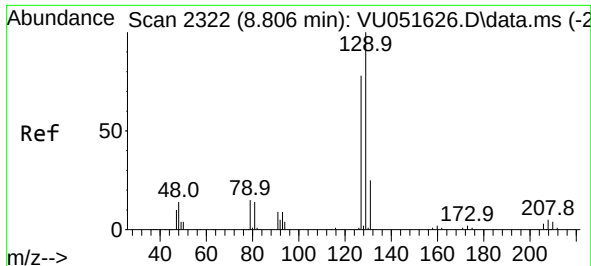
164 100

129 98.0 64.0 118.8

131 96.7 60.7 112.7

166 128.9 86.8 161.2





#49

Dibromochloromethane

Concen: 10.680 ug/L

RT: 8.552 min Scan# 21

Delta R.T. -0.254 min

Lab File: VU051630.D

Acq: 31 Oct 2022 23:28

Instrument :

MSVOA_U

ClientSampleId :

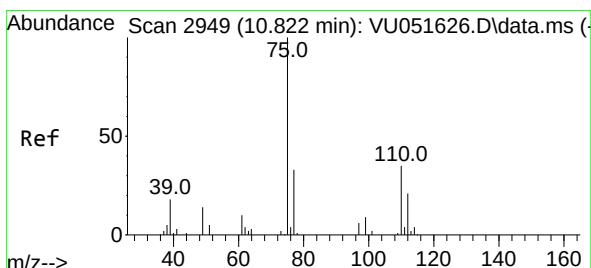
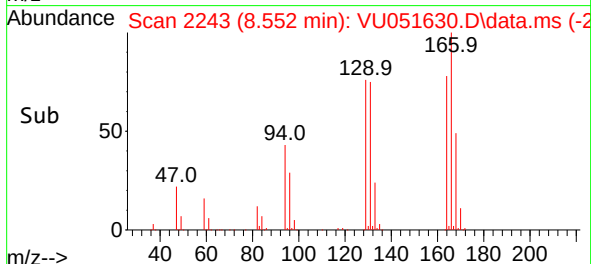
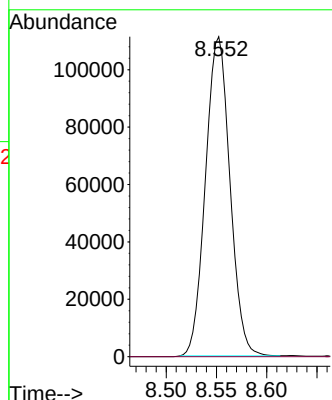
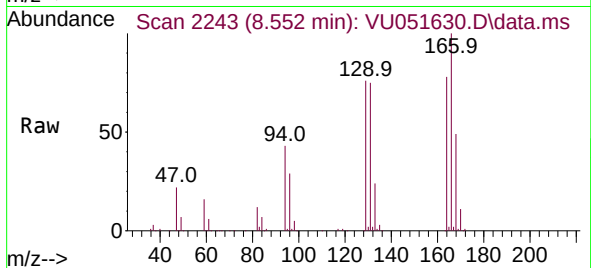
DBWX2

Tgt Ion:129 Resp: 188090

Ion Ratio Lower Upper

129 100

127 0.0 54.8 101.8#



#61

1,2,3-Trichloropropane

Concen: 0.970 ug/L

RT: 11.809 min Scan# 3256

Delta R.T. 0.987 min

Lab File: VU051630.D

Acq: 31 Oct 2022 23:28

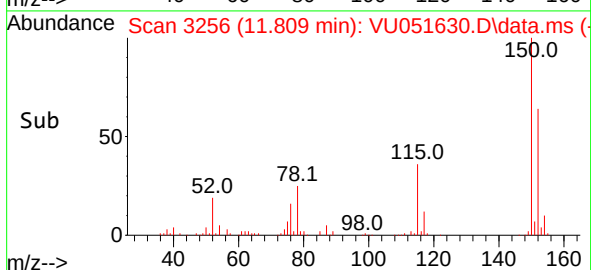
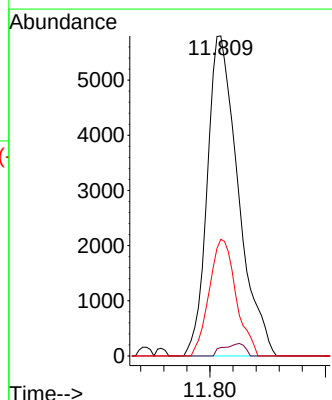
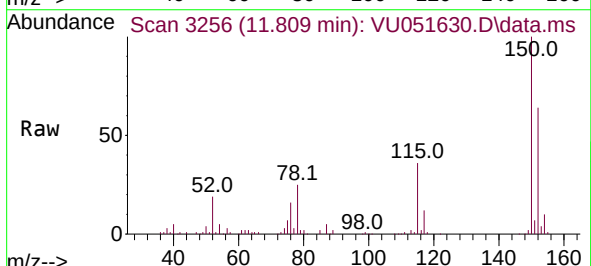
Tgt Ion: 75 Resp: 10800

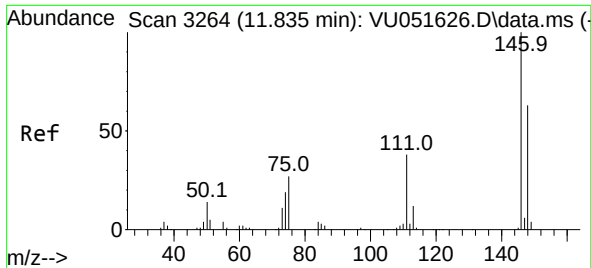
Ion Ratio Lower Upper

75 100

110 2.7 28.7 43.1#

77 31.5 26.1 39.1





#65

1,4-Dichlorobenzene

Concen: 0.086 ug/L

RT: 11.835 min Scan# 31

Delta R.T. 0.000 min

Lab File: VU051630.D

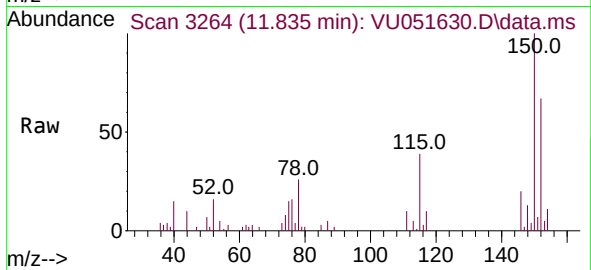
Acq: 31 Oct 2022 23:28

Instrument :

MSVOA_U

ClientSampleId :

DBWX2



Tgt Ion:146 Resp: 2711

Ion Ratio Lower Upper

146 100

111 48.1 26.7 49.5

148 64.9 43.5 80.9

