

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112222\
 Data File : VU052084.D
 Acq On : 23 Nov 2022 11:23
 Operator : JC/MD
 Sample : N5760-07
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 24 08:58:20 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Nov 24 05:20:45 2022
 Response via : Initial Calibration

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

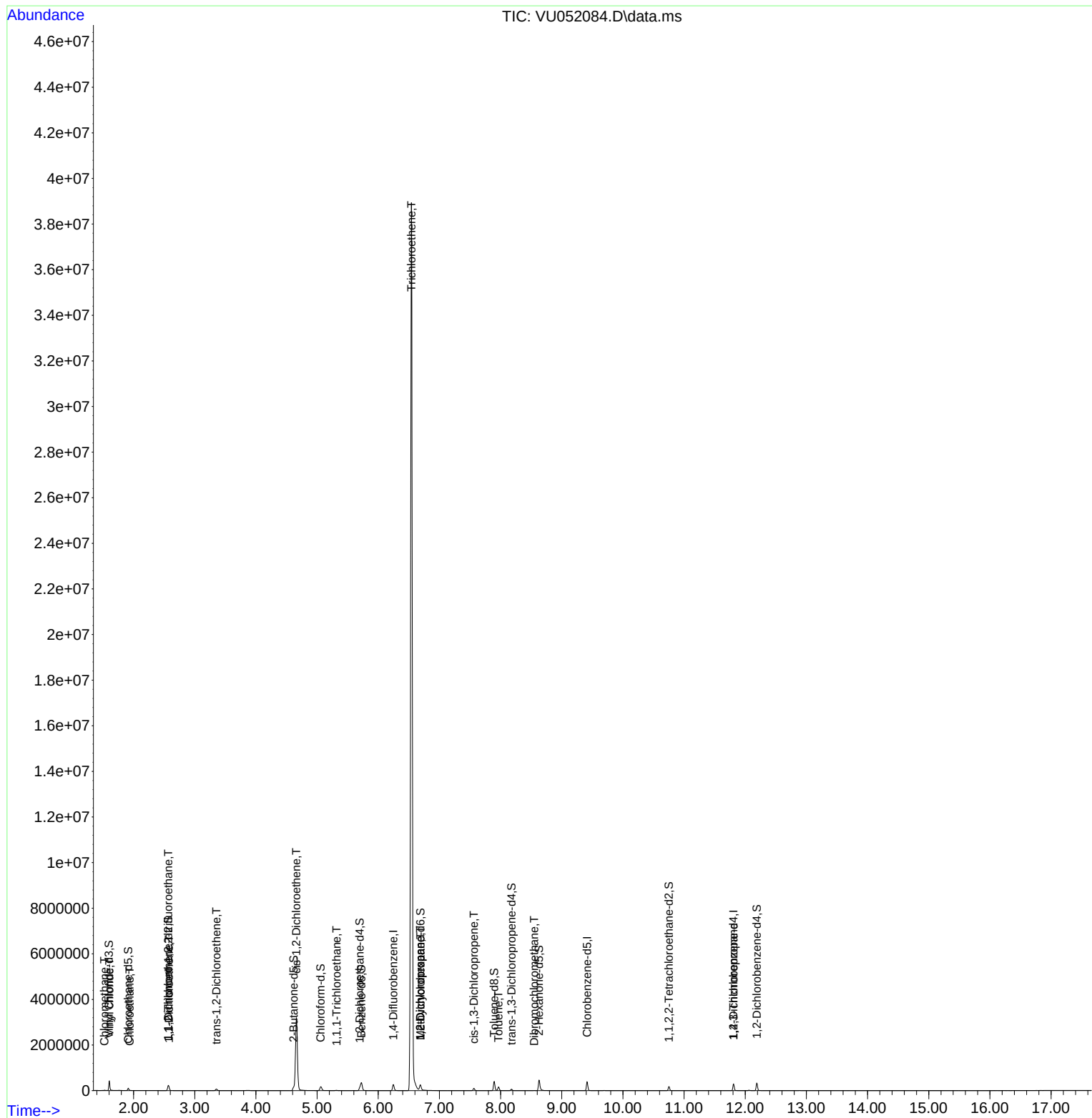
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	223309	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	222390	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	81567	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	96751	4.454	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.000%
7) Chloroethane-d5	1.912	69	81203	4.813	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.200%
11) 1,1-Dichloroethene-d2	2.568	65	36378	4.672	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	93.400%
20) 2-Butanone-d5	4.616	46	209545	53.221	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.440%
24) Chloroform-d	5.060	84	161784	5.069	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.400%
26) 1,2-Dichloroethane-d4	5.697	65	86152	5.344	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.800%
32) Benzene-d6	5.726	84	352156	5.334	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.600%
36) 1,2-Dichloropropane-d6	6.690	67	114094	5.584	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	111.600%
41) Toluene-d8	7.896	98	280139	4.690	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.800%
43) trans-1,3-Dichloroprop...	8.179	79	35353	4.748	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.000%
46) 2-Hexanone-d5	8.629	63	160124	50.745	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.480%
56) 1,1,2,2-Tetrachloroeth...	10.751	84	91062	5.140	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.800%
66) 1,2-Dichlorobenzene-d4	12.188	152	91668	5.870	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	117.400%
Target Compounds						Qvalue
3) Chloromethane	1.523	50	11587	0.458	ug/L	98
5) Vinyl chloride	1.604	62	223298	9.195	ug/L	100
8) Chloroethane	1.938	64	1902	0.126	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.568	101	1358	0.083	ug/L #	21
12) 1,1-Dichloroethene	2.581	96	28164	1.739	ug/L #	64
18) trans-1,2-Dichloroethene	3.353	96	30808	1.774	ug/L	99
22) cis-1,2-Dichloroethene	4.661	96	1733699	95.130	ug/L	98
29) 1,1,1-Trichloroethane	5.317	97	9825	0.398	ug/L	91
34) Trichloroethene	6.542	95	14080445	779.988	ug/L	96
35) Methylcyclohexane	6.690	83	24097	0.928	ug/L #	19
37) 1,2-Dichloropropane	6.687	63	11066	0.591	ug/L #	89
39) cis-1,3-Dichloropropene	7.565	75	2492	0.104	ug/L #	56
42) Toluene	7.967	91	120800	1.623	ug/L	97
49) Dibromochloromethane	8.549	129	927	0.059	ug/L #	12
61) 1,2,3-Trichloropropane	11.806	75	9407	1.008	ug/L #	67

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

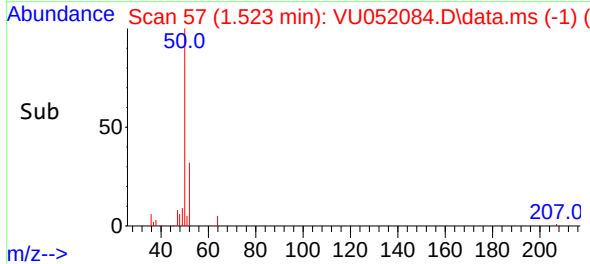
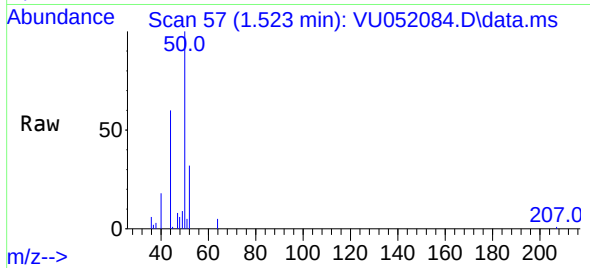
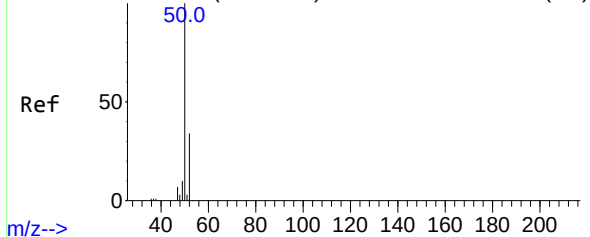
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112222\
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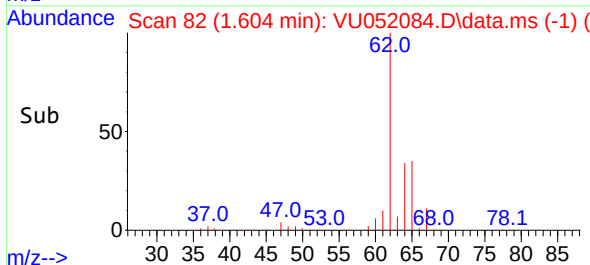
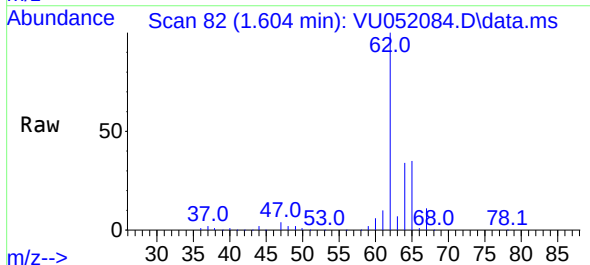
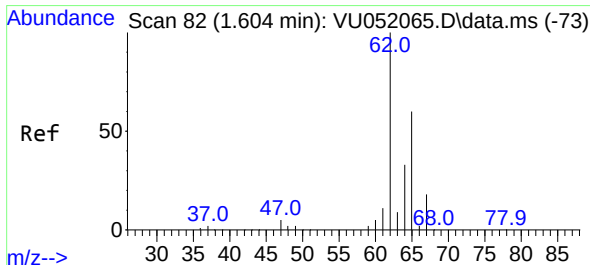
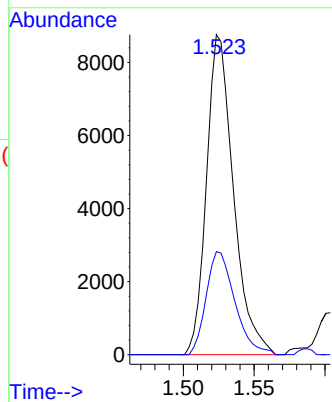
Abundance Scan 57 (1.523 min): VU052065.D\data.ms (-47)



#3
Chloromethane
Concen: 0.458 ug/L
RT: 1.523 min Scan# 51
Delta R.T. -0.000 min
Lab File: VU052084.D
Acq: 23 Nov 2022 11:23

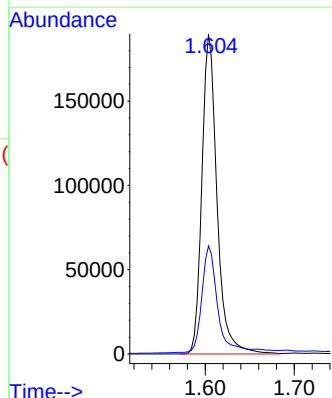
Instrument :
MSVOA_U
ClientSampleId :

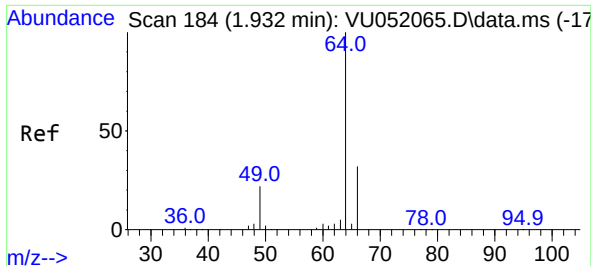
Tgt Ion: 50 Resp: 11587
Ion Ratio Lower Upper
50 100
52 32.2 23.4 43.4



#5
Vinyl chloride
Concen: 9.195 ug/L
RT: 1.604 min Scan# 82
Delta R.T. -0.000 min
Lab File: VU052084.D
Acq: 23 Nov 2022 11:23

Tgt Ion: 62 Resp: 223298
Ion Ratio Lower Upper
62 100
64 33.7 23.5 43.7

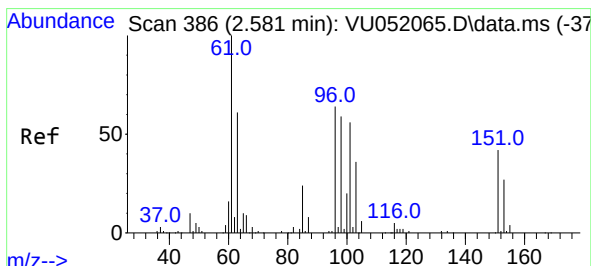
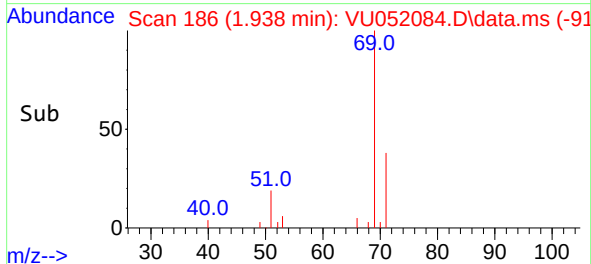
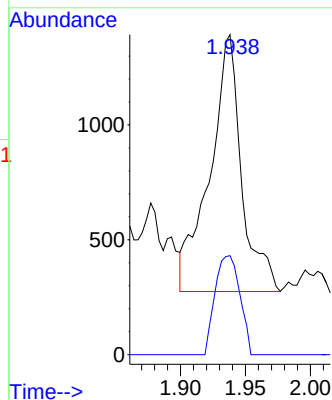
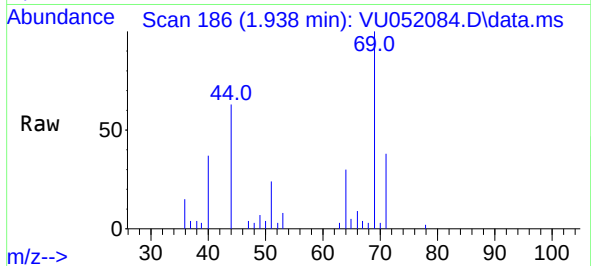




#8
Chloroethane
Concen: 0.126 ug/L
RT: 1.938 min Scan# 11
Delta R.T. 0.006 min
Lab File: VU052084.D
Acq: 23 Nov 2022 11:23

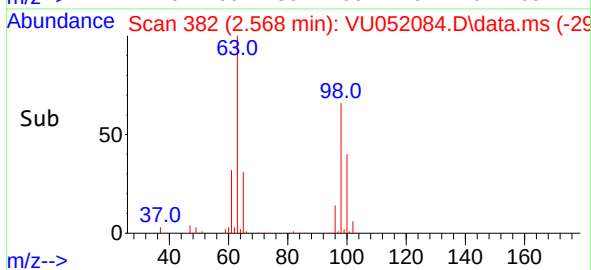
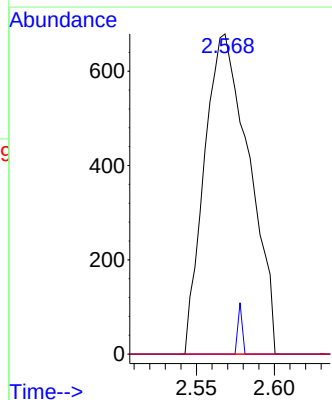
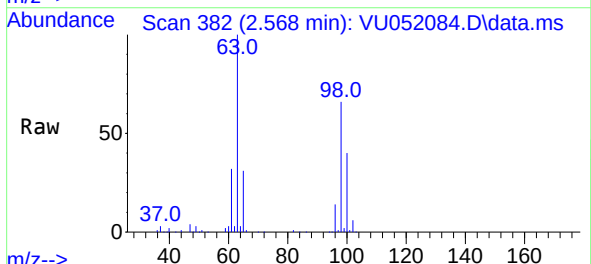
Instrument :
MSVOA_U
ClientSampleId :

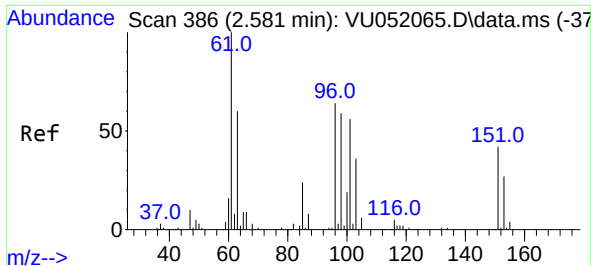
Tgt Ion: 64 Resp: 1902
Ion Ratio Lower Upper
64 100
66 30.9 21.1 39.1



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.083 ug/L
RT: 2.568 min Scan# 382
Delta R.T. -0.013 min
Lab File: VU052084.D
Acq: 23 Nov 2022 11:23

Tgt Ion: 101 Resp: 1358
Ion Ratio Lower Upper
101 100
85 1.5 33.8 50.6#
151 0.0 58.6 88.0#





#12

1,1-Dichloroethene

Concen: 1.739 ug/L

RT: 2.581 min Scan# 386

Delta R.T. 0.003 min

Lab File: VU052084.D

Acq: 23 Nov 2022 11:23

Instrument :

MSVOA_U

ClientSampleId :

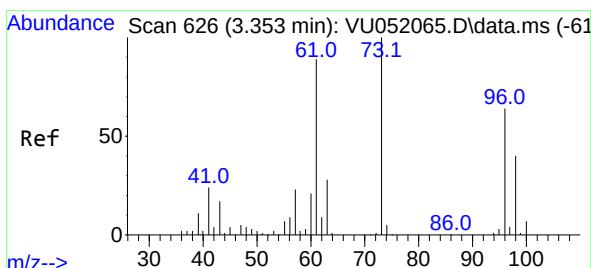
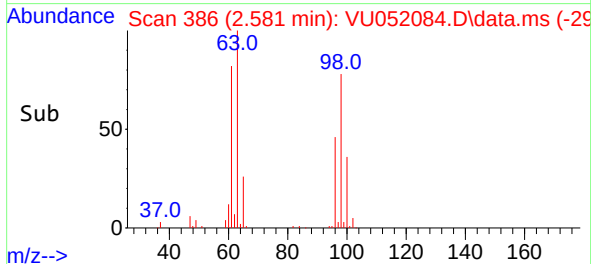
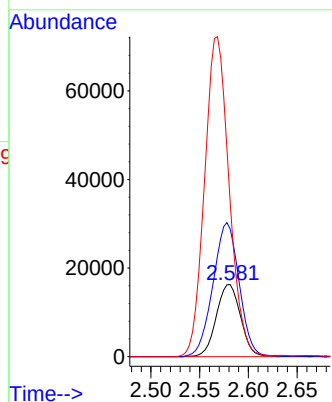
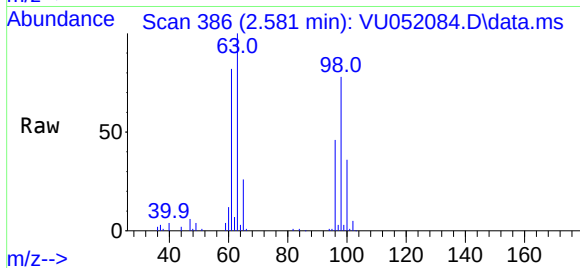
Tgt Ion: 96 Resp: 28164

Ion Ratio Lower Upper

96 100

61 177.4 114.8 213.2

63 215.5 93.7 174.1#



#18

trans-1,2-Dichloroethene

Concen: 1.774 ug/L

RT: 3.353 min Scan# 626

Delta R.T. -0.000 min

Lab File: VU052084.D

Acq: 23 Nov 2022 11:23

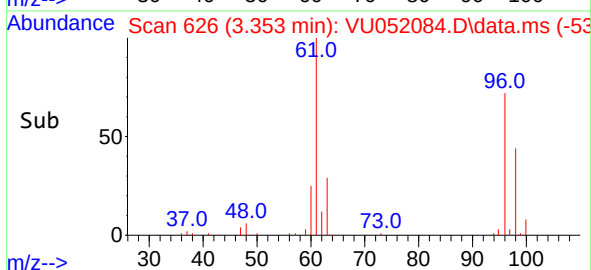
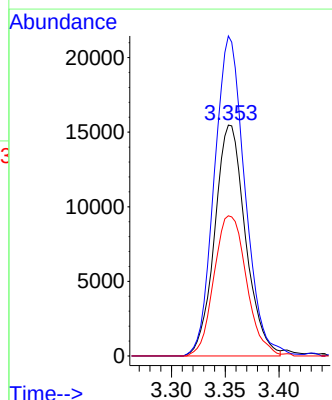
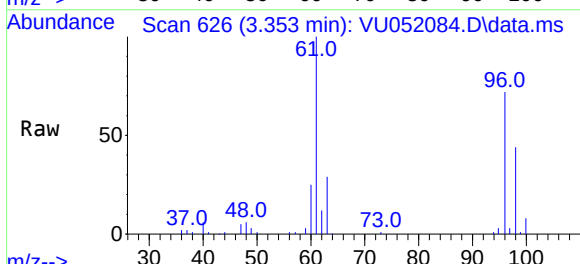
Tgt Ion: 96 Resp: 30808

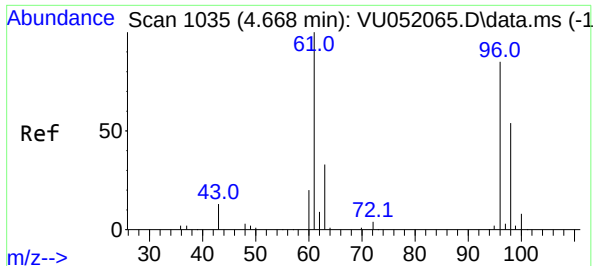
Ion Ratio Lower Upper

96 100

61 138.6 97.9 181.7

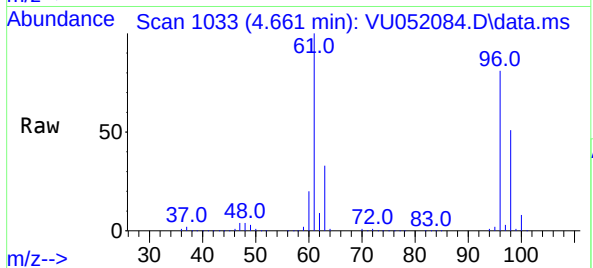
98 60.7 43.8 81.3





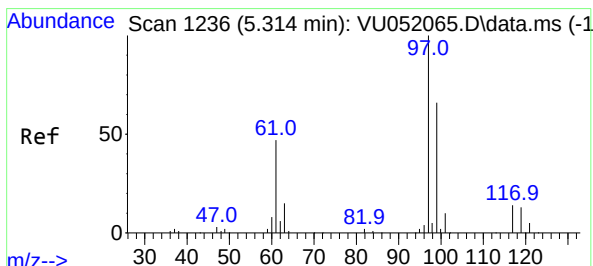
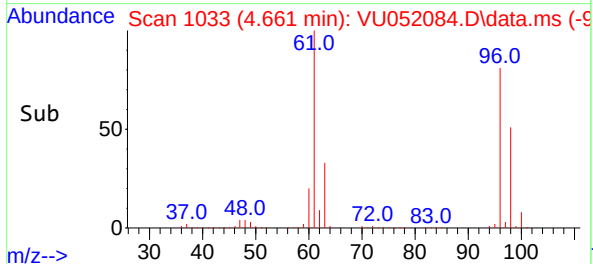
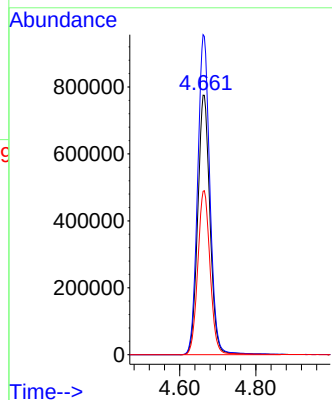
#22
 cis-1,2-Dichloroethene
 Concen: 95.130 ug/L
 RT: 4.661 min Scan# 1035
 Delta R.T. -0.003 min
 Lab File: VU052084.D
 Acq: 23 Nov 2022 11:23

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 96 Resp: 1733699

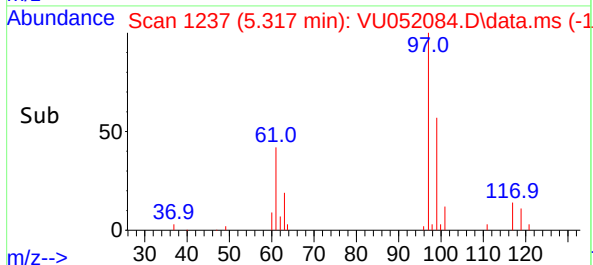
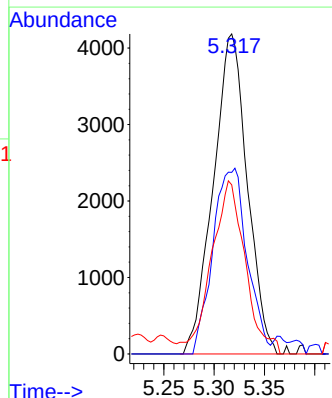
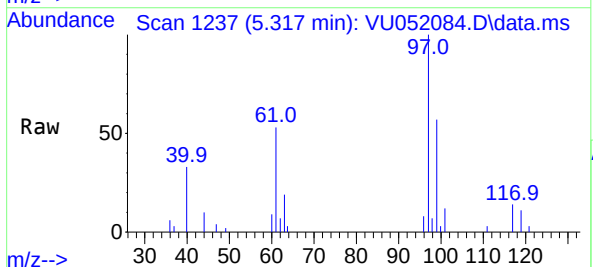
Ion	Ratio	Lower	Upper
96	100		
61	123.3	85.1	158.1
98	62.9	42.8	79.6

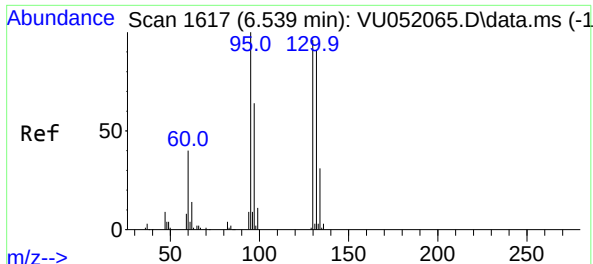


#29
 1,1,1-Trichloroethane
 Concen: 0.398 ug/L
 RT: 5.317 min Scan# 1237
 Delta R.T. 0.003 min
 Lab File: VU052084.D
 Acq: 23 Nov 2022 11:23

Tgt Ion: 97 Resp: 9825

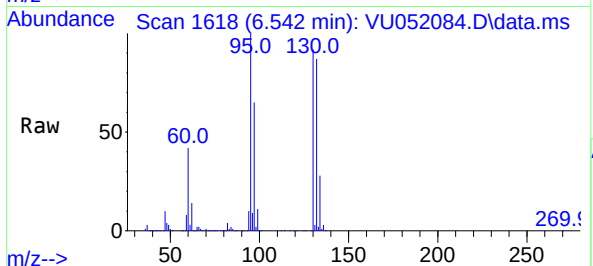
Ion	Ratio	Lower	Upper
97	100		
99	58.8	51.0	76.6
61	53.9	36.9	55.3





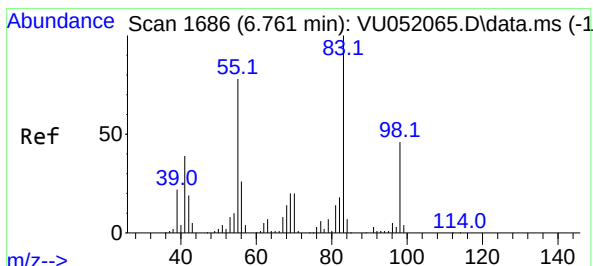
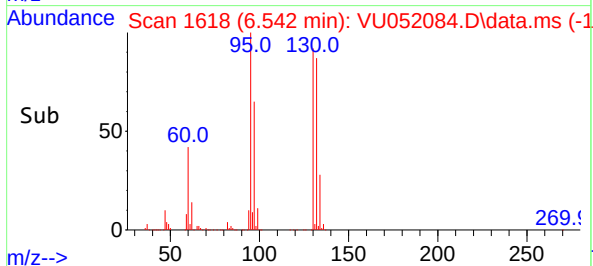
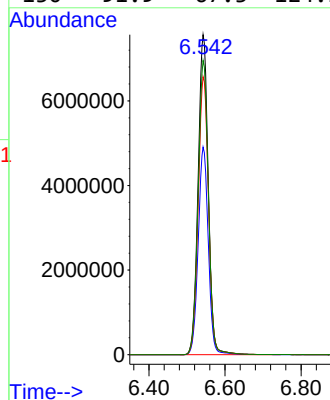
#34
Trichloroethene
Concen: 779.988 ug/L
RT: 6.542 min Scan# 1617
Delta R.T. 0.003 min
Lab File: VU052084.D
Acq: 23 Nov 2022 11:23

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 95 Resp:14080445

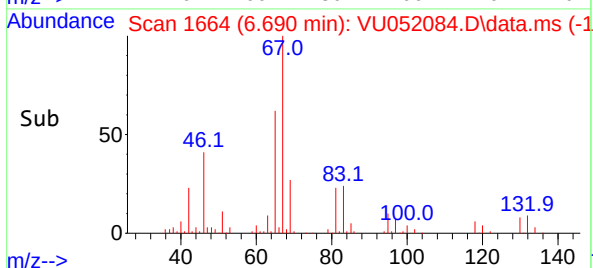
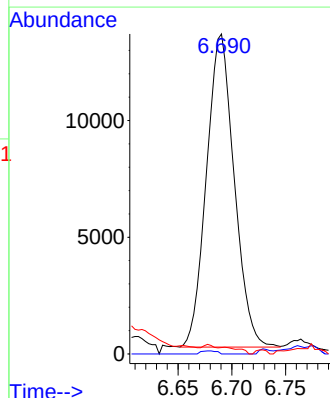
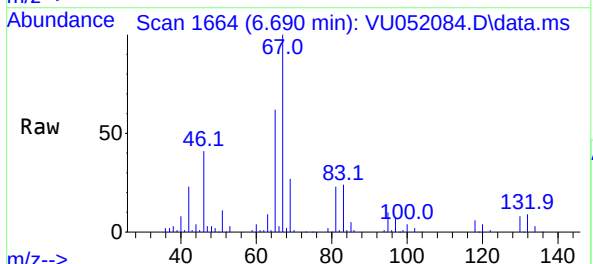
Ion	Ratio	Lower	Upper
95	100		
97	64.9	43.7	81.1
132	86.8	64.3	119.3
130	91.9	67.3	124.9

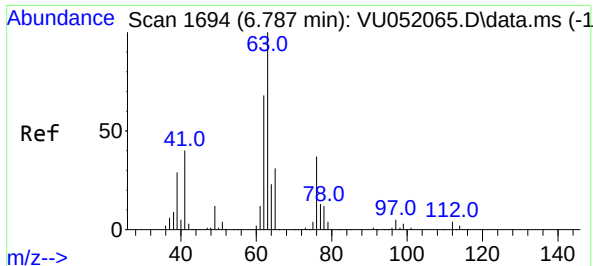


#35
Methylcyclohexane
Concen: 0.928 ug/L
RT: 6.690 min Scan# 1664
Delta R.T. -0.071 min
Lab File: VU052084.D
Acq: 23 Nov 2022 11:23

Tgt Ion: 83 Resp: 24097

Ion	Ratio	Lower	Upper
83	100		
55	0.6	60.8	91.2#
98	0.0	35.1	52.7#

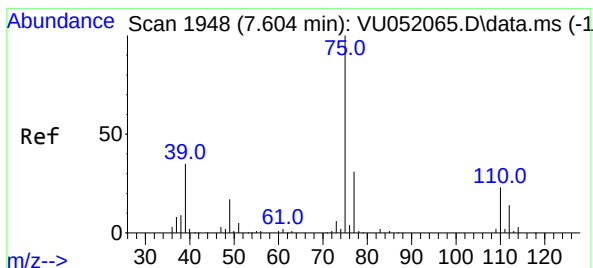
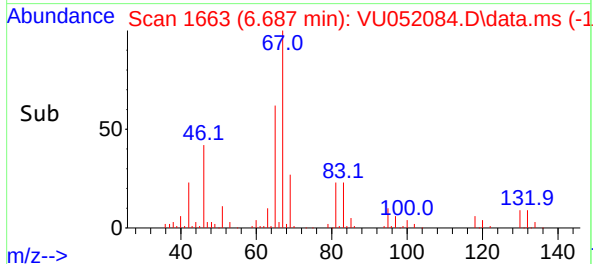
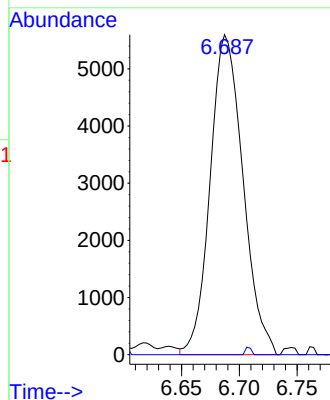
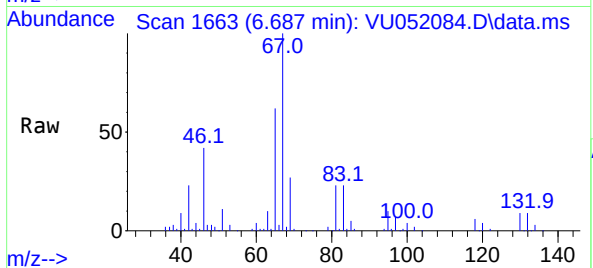




#37
1,2-Dichloropropane
Concen: 0.591 ug/L
RT: 6.687 min Scan# 11066
Delta R.T. -0.100 min
Lab File: VU052084.D
Acq: 23 Nov 2022 11:23

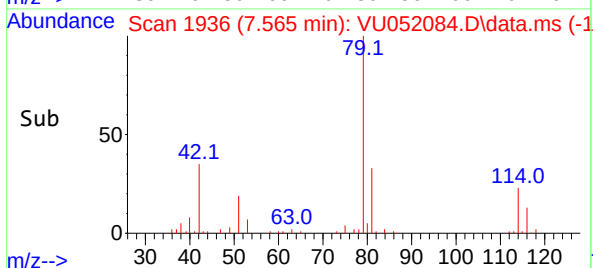
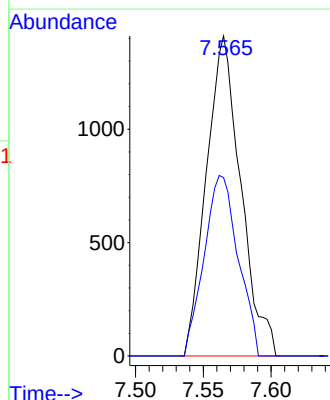
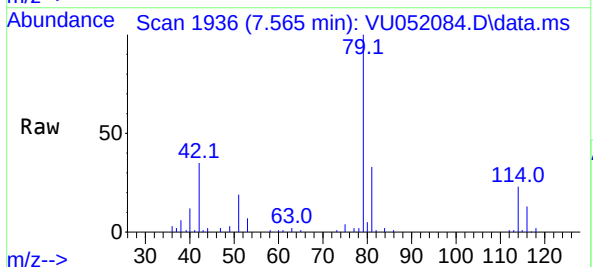
Instrument :
MSVOA_U
ClientSampleId :

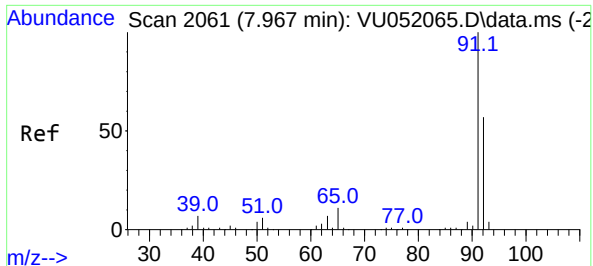
Tgt Ion: 63 Resp: 11066
Ion Ratio Lower Upper
63 100
112 0.4 3.3 4.9#



#39
cis-1,3-Dichloropropene
Concen: 0.104 ug/L
RT: 7.565 min Scan# 1936
Delta R.T. -0.039 min
Lab File: VU052084.D
Acq: 23 Nov 2022 11:23

Tgt Ion: 75 Resp: 2492
Ion Ratio Lower Upper
75 100
77 55.8 22.0 40.8#





#42

Toluene

Concen: 1.623 ug/L

RT: 7.967 min Scan# 2061

Delta R.T. -0.000 min

Lab File: VU052084.D

Acq: 23 Nov 2022 11:23

Instrument :

MSVOA_U

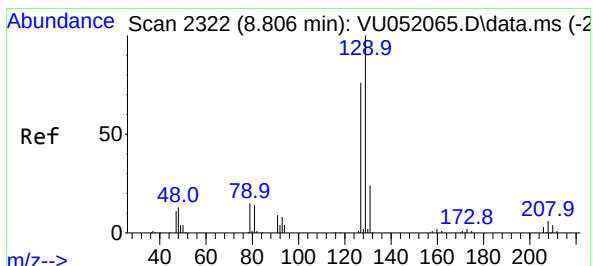
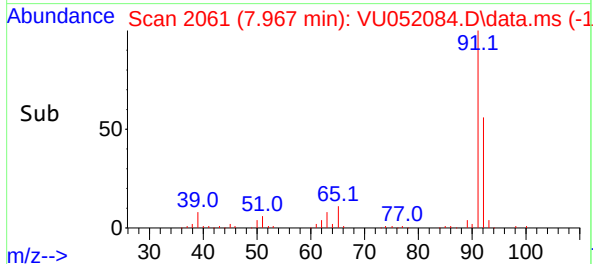
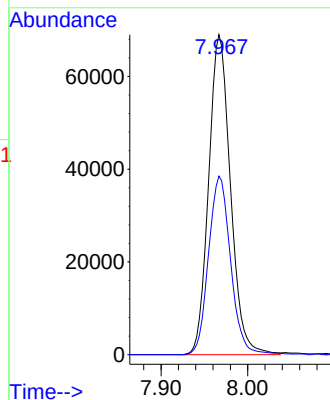
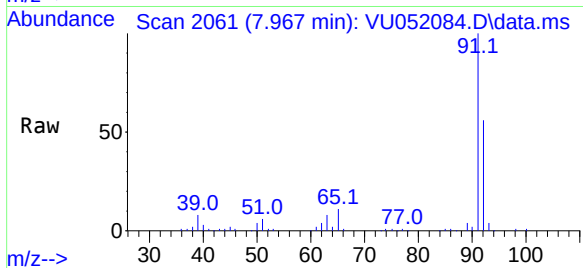
ClientSampleId :

Tgt Ion: 91 Resp: 120800

Ion Ratio Lower Upper

91 100

92 55.8 40.7 75.5



#49

Dibromochloromethane

Concen: 0.059 ug/L

RT: 8.549 min Scan# 2242

Delta R.T. -0.257 min

Lab File: VU052084.D

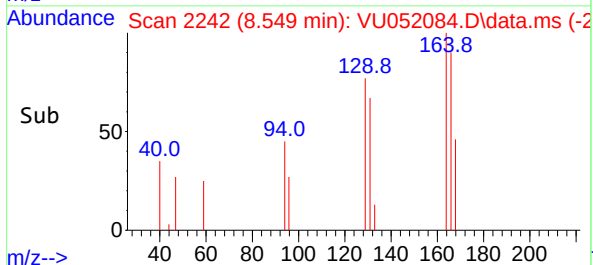
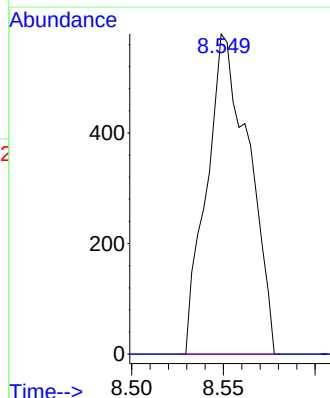
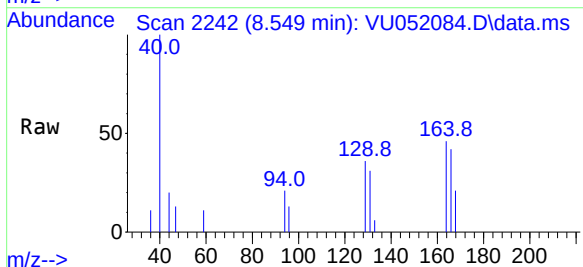
Acq: 23 Nov 2022 11:23

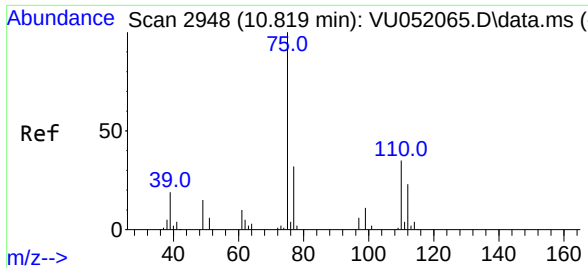
Tgt Ion: 129 Resp: 927

Ion Ratio Lower Upper

129 100

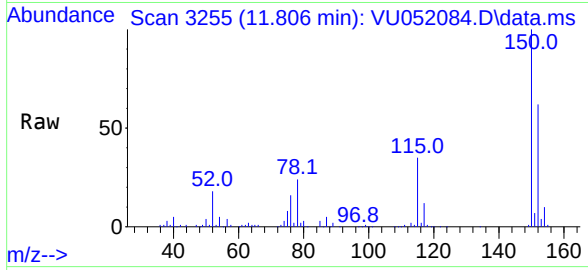
127 0.0 52.8 98.2#





#61
1,2,3-Trichloropropane
Concen: 1.008 ug/L
RT: 11.806 min Scan# 31
Delta R.T. 0.987 min
Lab File: VU052084.D
Acq: 23 Nov 2022 11:23

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 75 Resp: 9407
Ion Ratio Lower Upper
75 100
110 1.7 28.3 42.5#
77 29.3 26.2 39.2

