

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112222\
 Data File : VU052080.D
 Acq On : 23 Nov 2022 09:47
 Operator : JC/MD
 Sample : N5760-03
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 23 10:16:11 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Nov 19 21:39:41 2022
 Response via : Initial Calibration

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

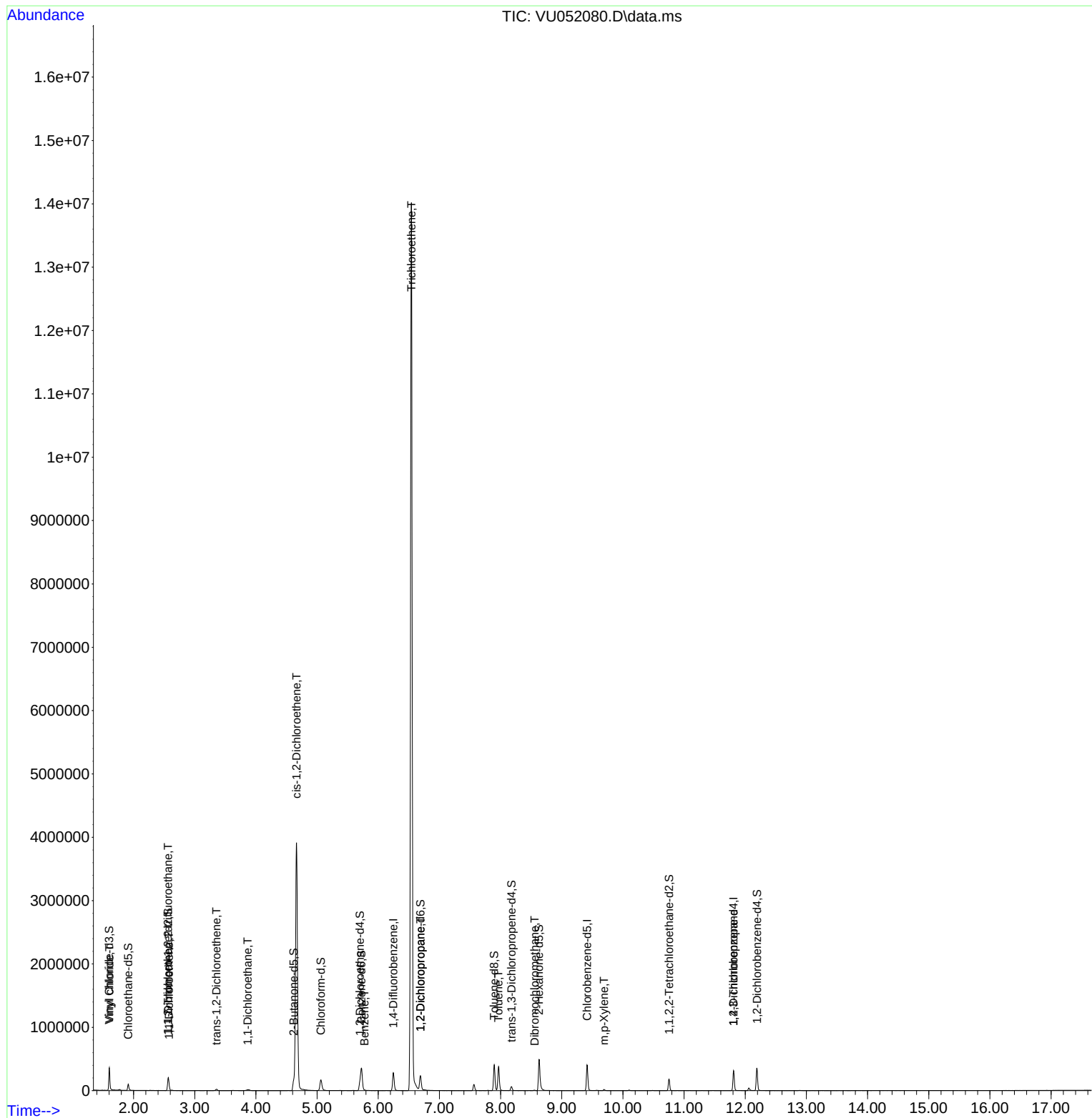
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	232912	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	235971	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	88577	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	99767	4.404	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.000%
7) Chloroethane-d5	1.912	69	83588	4.750	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.000%
11) 1,1-Dichloroethene-d2	2.565	65	37460	4.613	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	92.200%
20) 2-Butanone-d5	4.616	46	217910	53.064	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.120%
24) Chloroform-d	5.063	84	162378	4.878	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.600%
26) 1,2-Dichloroethane-d4	5.700	65	87195	5.186	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.800%
32) Benzene-d6	5.726	84	354798	5.065	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.200%
36) 1,2-Dichloropropane-d6	6.690	67	117448	5.417	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	108.400%
41) Toluene-d8	7.896	98	285093	4.498	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.000%
43) trans-1,3-Dichloroprop...	8.179	79	37385	4.732	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.600%
46) 2-Hexanone-d5	8.629	63	171175	51.125	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.240%
56) 1,1,2,2-Tetrachloroeth...	10.754	84	96543	5.136	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.800%
66) 1,2-Dichlorobenzene-d4	12.192	152	99938	5.893	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	117.800%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.604	62	179872	7.101	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.562	101	1183	0.069	ug/L #	20
12) 1,1-Dichloroethene	2.581	96	10978	0.650	ug/L #	1
18) trans-1,2-Dichloroethene	3.356	96	9774	0.540	ug/L	88
19) 1,1-Dichloroethane	3.864	63	6711	0.206	ug/L	94
22) cis-1,2-Dichloroethene	4.665	96	2097616	110.353	ug/L	97
33) Benzene	5.774	78	5252	0.068	ug/L	100
34) Trichloroethene	6.542	95	5010809	261.599	ug/L	99
37) 1,2-Dichloropropane	6.690	63	11561	0.581	ug/L #	88
42) Toluene	7.967	91	289208	3.661	ug/L	97
49) Dibromochloromethane	8.558	129	1820	0.109	ug/L #	12
53) m,p-Xylene	9.693	106	5374	0.181	ug/L	89
61) 1,2,3-Trichloropropane	11.809	75	9982	0.985	ug/L #	69

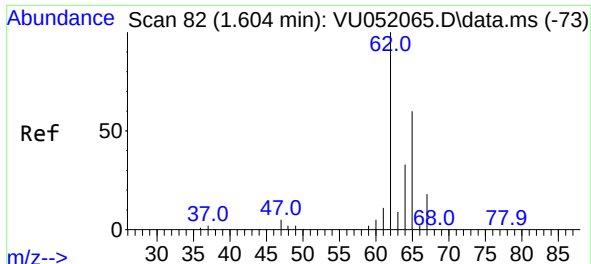
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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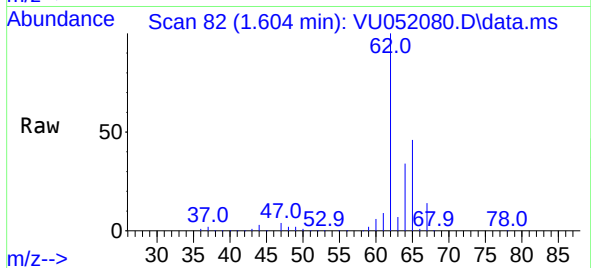
Quant Time: Nov 23 10:16:11 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111822WMA.M
Quant Title : TRACE VOA SFAM1.0
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Response via : Initial Calibration



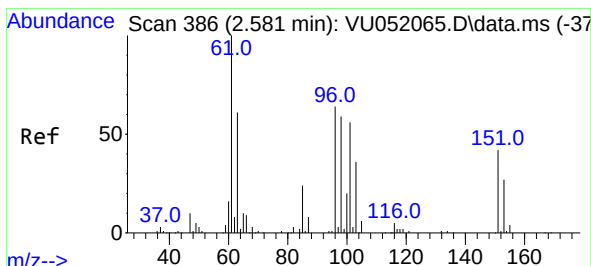
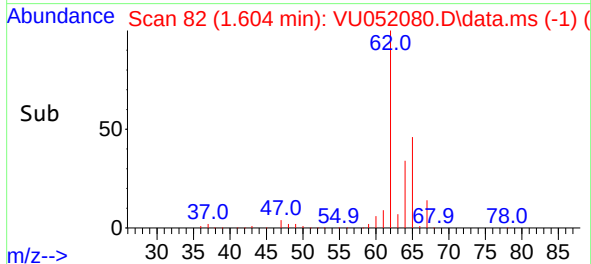
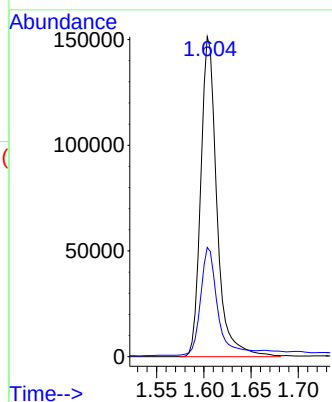


#5
 Vinyl chloride
 Concen: 7.101 ug/L
 RT: 1.604 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: VU052080.D
 Acq: 23 Nov 2022 09:47

Instrument :
 MSVOA_U
 ClientSampleId :

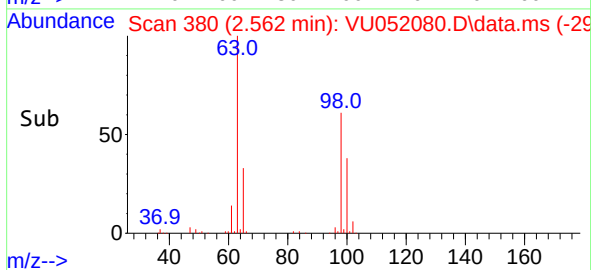
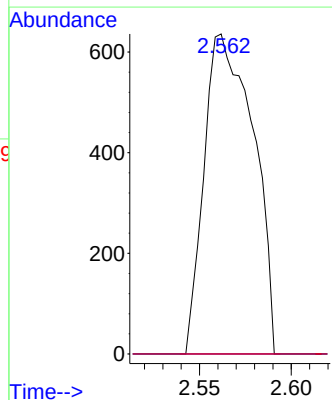
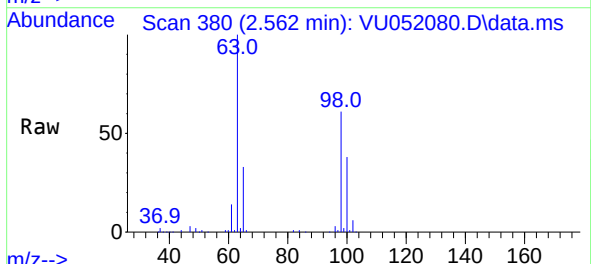


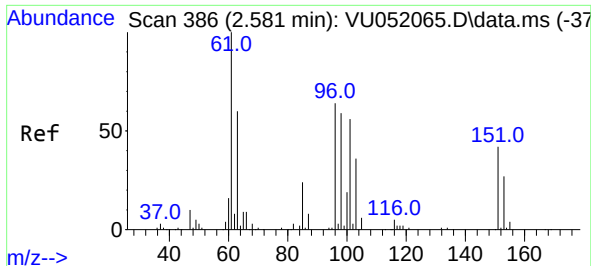
Tgt Ion: 62 Resp: 179872
 Ion Ratio Lower Upper
 62 100
 64 34.2 23.5 43.7



#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.069 ug/L
 RT: 2.562 min Scan# 380
 Delta R.T. -0.016 min
 Lab File: VU052080.D
 Acq: 23 Nov 2022 09:47

Tgt Ion: 101 Resp: 1183
 Ion Ratio Lower Upper
 101 100
 85 0.0 33.8 50.6#
 151 0.0 58.6 88.0#





#12

1,1-Dichloroethene

Concen: 0.650 ug/L

RT: 2.581 min Scan# 386

Delta R.T. 0.003 min

Lab File: VU052080.D

Acq: 23 Nov 2022 09:47

Instrument :

MSVOA_U

ClientSampleId :

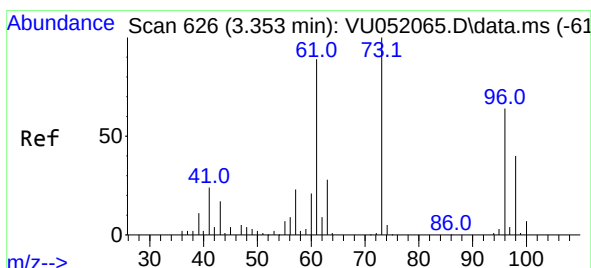
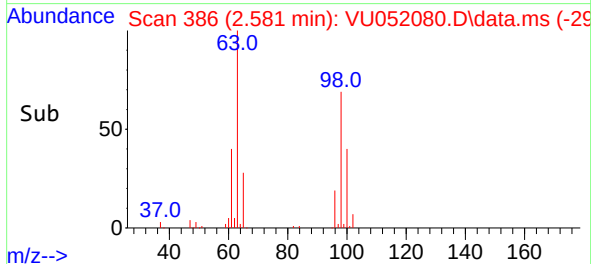
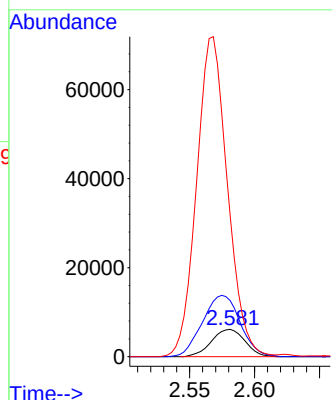
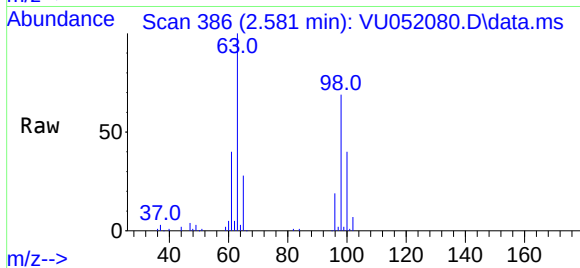
Tgt Ion: 96 Resp: 10978

Ion Ratio Lower Upper

96 100

61 205.5 114.8 213.2

63 518.1 93.7 174.1#



#18

trans-1,2-Dichloroethene

Concen: 0.540 ug/L

RT: 3.356 min Scan# 627

Delta R.T. 0.003 min

Lab File: VU052080.D

Acq: 23 Nov 2022 09:47

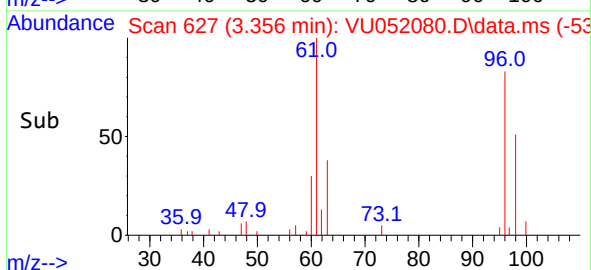
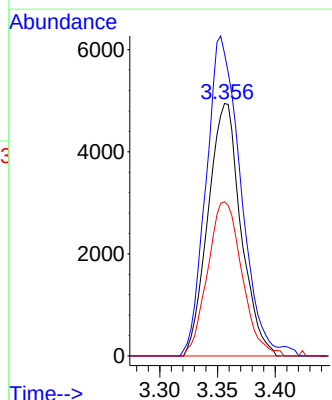
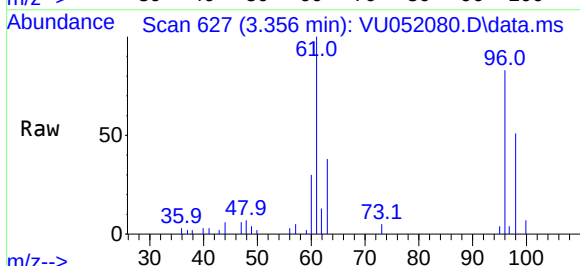
Tgt Ion: 96 Resp: 9774

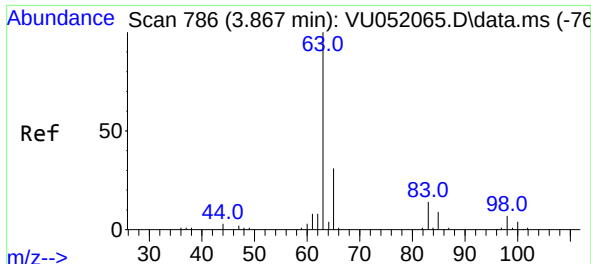
Ion Ratio Lower Upper

96 100

61 119.9 97.9 181.7

98 61.1 43.8 81.3





#19

1,1-Dichloroethane

Concen: 0.206 ug/L

RT: 3.864 min Scan# 71

Delta R.T. -0.003 min

Lab File: VU052080.D

Acq: 23 Nov 2022 09:47

Instrument :

MSVOA_U

ClientSampleId :

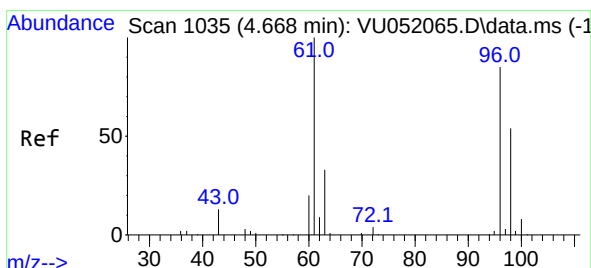
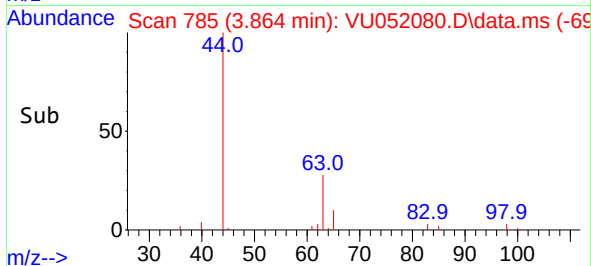
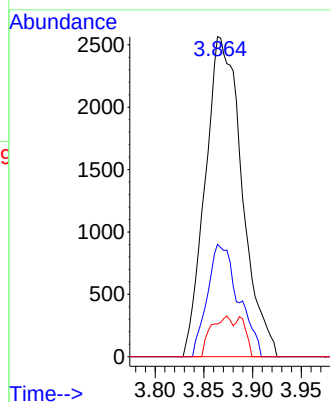
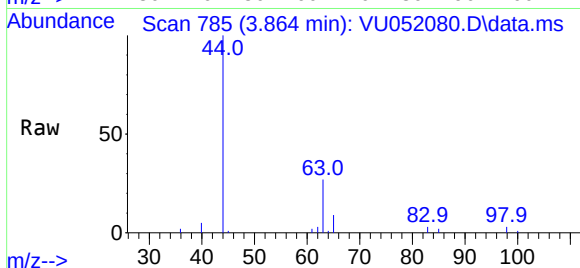
Tgt Ion: 63 Resp: 6711

Ion Ratio Lower Upper

63 100

65 35.1 22.2 41.2

83 10.2 9.2 17.0



#22

cis-1,2-Dichloroethene

Concen: 110.353 ug/L

RT: 4.665 min Scan# 1034

Delta R.T. -0.000 min

Lab File: VU052080.D

Acq: 23 Nov 2022 09:47

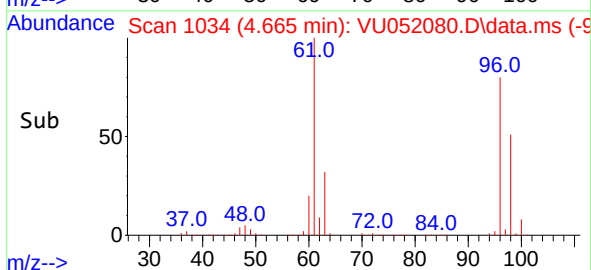
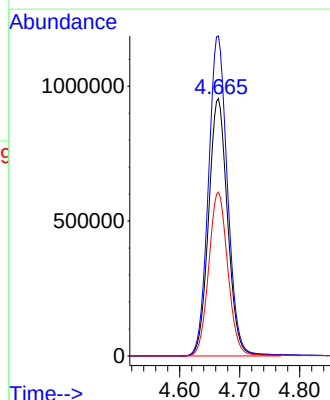
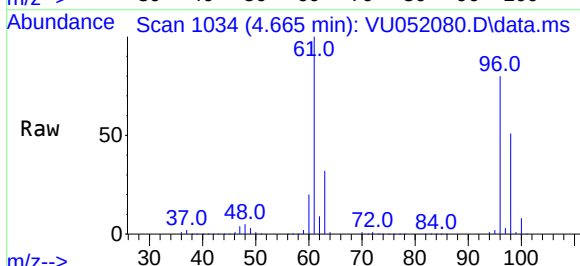
Tgt Ion: 96 Resp: 2097616

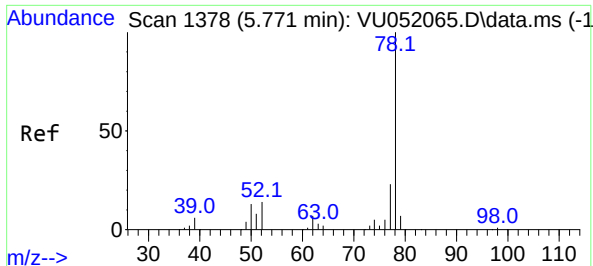
Ion Ratio Lower Upper

96 100

61 124.3 85.1 158.1

98 63.6 42.8 79.6

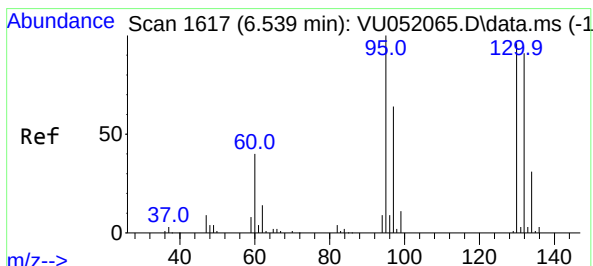
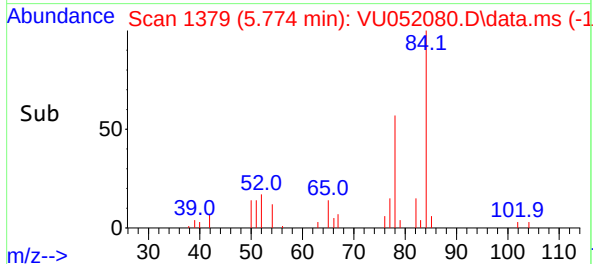
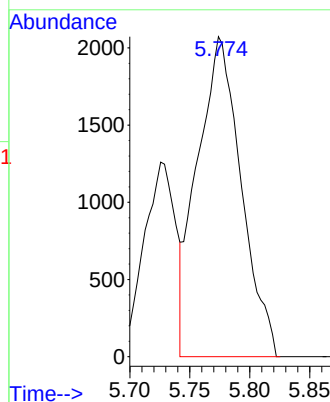
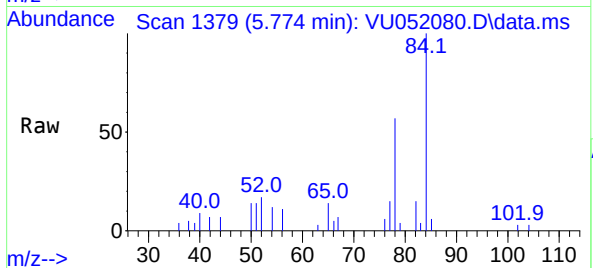




#33
Benzene
Concen: 0.068 ug/L
RT: 5.774 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU052080.D
Acq: 23 Nov 2022 09:47

Instrument :
MSVOA_U
ClientSampleId :

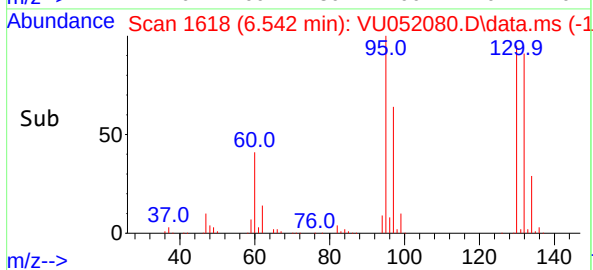
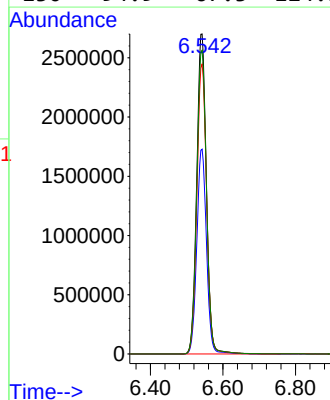
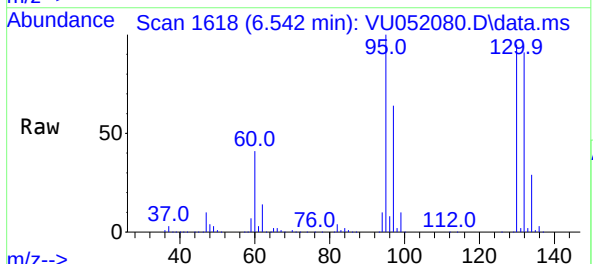
Tgt Ion: 78 Resp: 5252

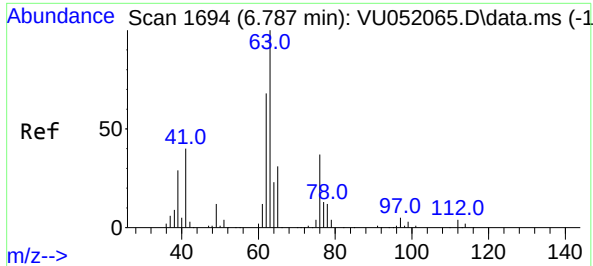


#34
Trichloroethene
Concen: 261.599 ug/L
RT: 6.542 min Scan# 1618
Delta R.T. 0.003 min
Lab File: VU052080.D
Acq: 23 Nov 2022 09:47

Tgt Ion: 95 Resp: 5010809

Ion	Ratio	Lower	Upper
95	100		
97	64.0	43.7	81.1
132	90.6	64.3	119.3
130	94.9	67.3	124.9

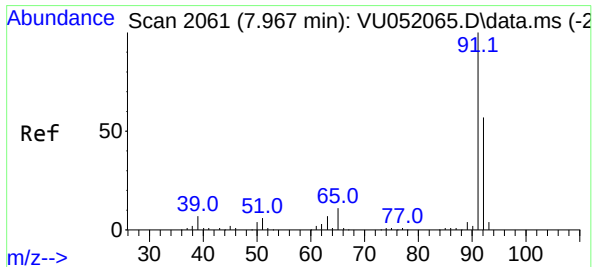
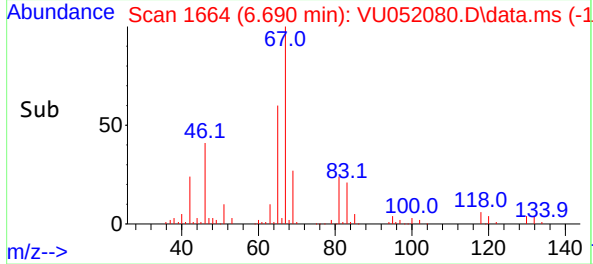
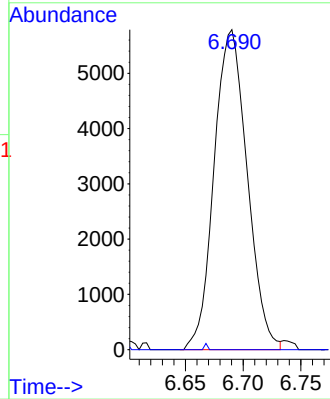
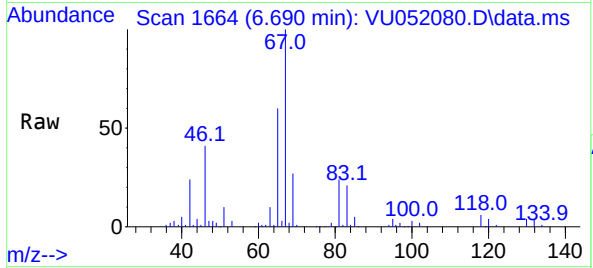




#37
1,2-Dichloropropane
Concen: 0.581 ug/L
RT: 6.690 min Scan# 1
Delta R.T. -0.097 min
Lab File: VU052080.D
Acq: 23 Nov 2022 09:47

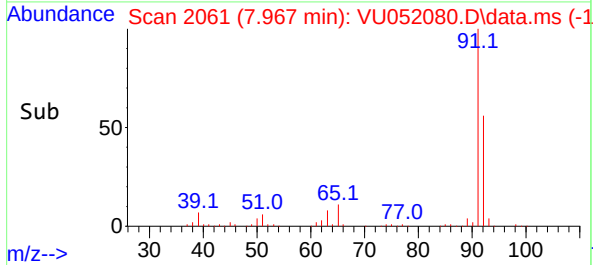
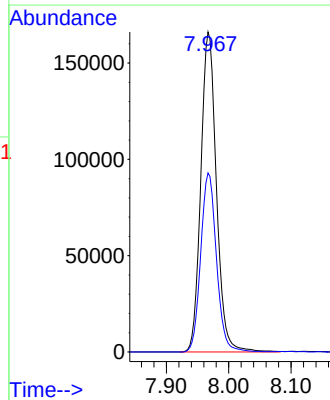
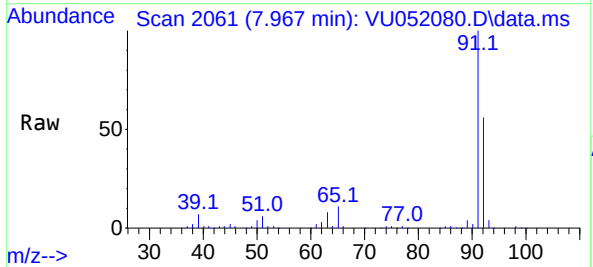
Instrument :
MSVOA_U
ClientSampleId :

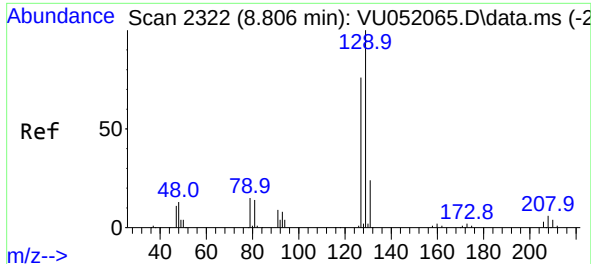
Tgt Ion: 63 Resp: 11561
Ion Ratio Lower Upper
63 100
112 0.2 3.3 4.9#



#42
Toluene
Concen: 3.661 ug/L
RT: 7.967 min Scan# 2061
Delta R.T. -0.000 min
Lab File: VU052080.D
Acq: 23 Nov 2022 09:47

Tgt Ion: 91 Resp: 289208
Ion Ratio Lower Upper
91 100
92 56.0 40.7 75.5

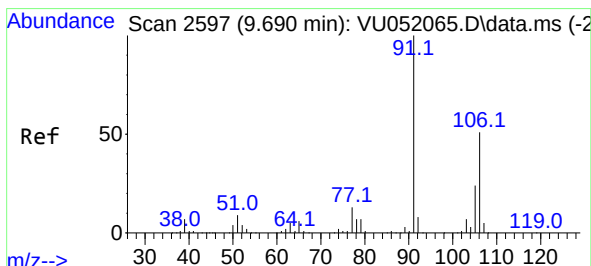
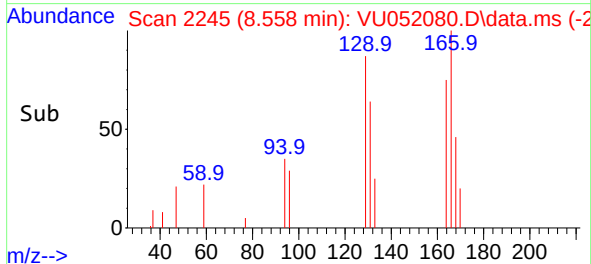
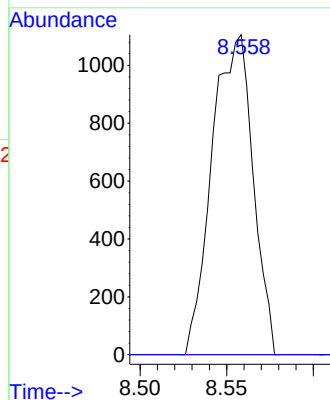
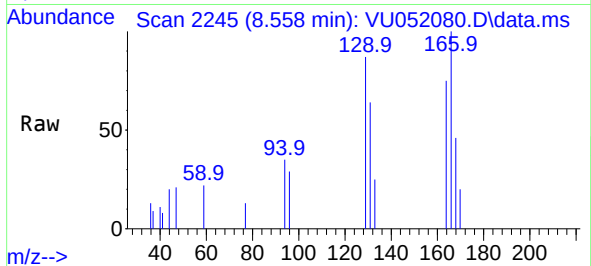




#49
Dibromochloromethane
Concen: 0.109 ug/L
RT: 8.558 min Scan# 21
Delta R.T. -0.248 min
Lab File: VU052080.D
Acq: 23 Nov 2022 09:47

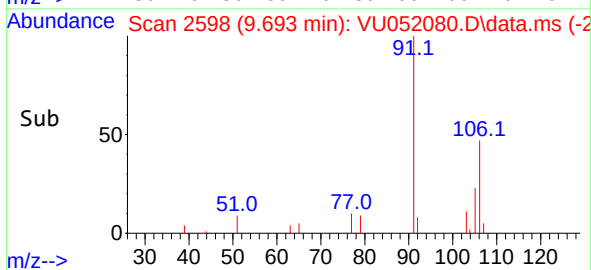
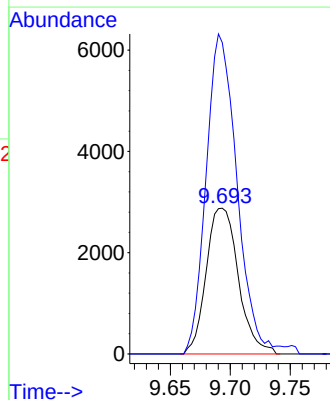
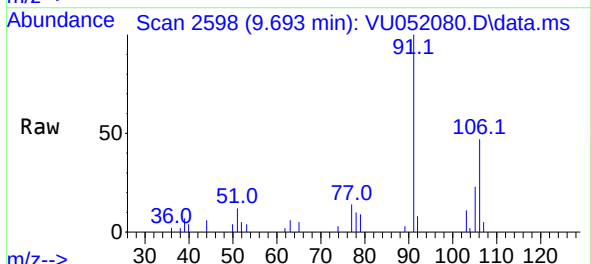
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MSVOA_U
ClientSampleId :

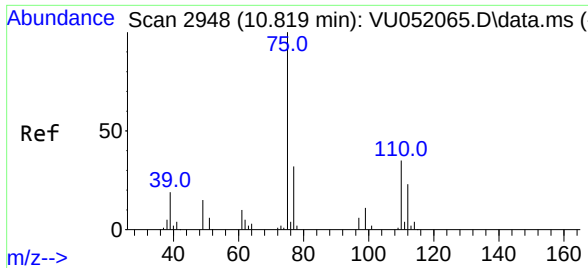
Tgt Ion:129 Resp: 1820
Ion Ratio Lower Upper
129 100
127 0.0 52.8 98.2#



#53
m,p-Xylene
Concen: 0.181 ug/L
RT: 9.693 min Scan# 2598
Delta R.T. -0.000 min
Lab File: VU052080.D
Acq: 23 Nov 2022 09:47

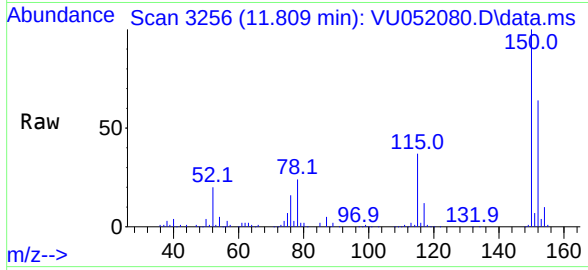
Tgt Ion:106 Resp: 5374
Ion Ratio Lower Upper
106 100
91 213.6 137.7 255.7





#61
1,2,3-Trichloropropane
Concen: 0.985 ug/L
RT: 11.809 min Scan# 31
Delta R.T. 0.990 min
Lab File: VU052080.D
Acq: 23 Nov 2022 09:47

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:	75	Resp:	9982
Ion	Ratio	Lower	Upper
75	100		
110	1.6	28.3	42.5#
77	33.7	26.2	39.2

