

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110222\
 Data File : VU051686.D
 Acq On : 02 Nov 2022 12:48
 Operator : JC/MD
 Sample : N5353-05
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DBWP0

Quant Time: Nov 03 01:47:20 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Nov 03 01:45:18 2022
 Response via : Initial Calibration

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

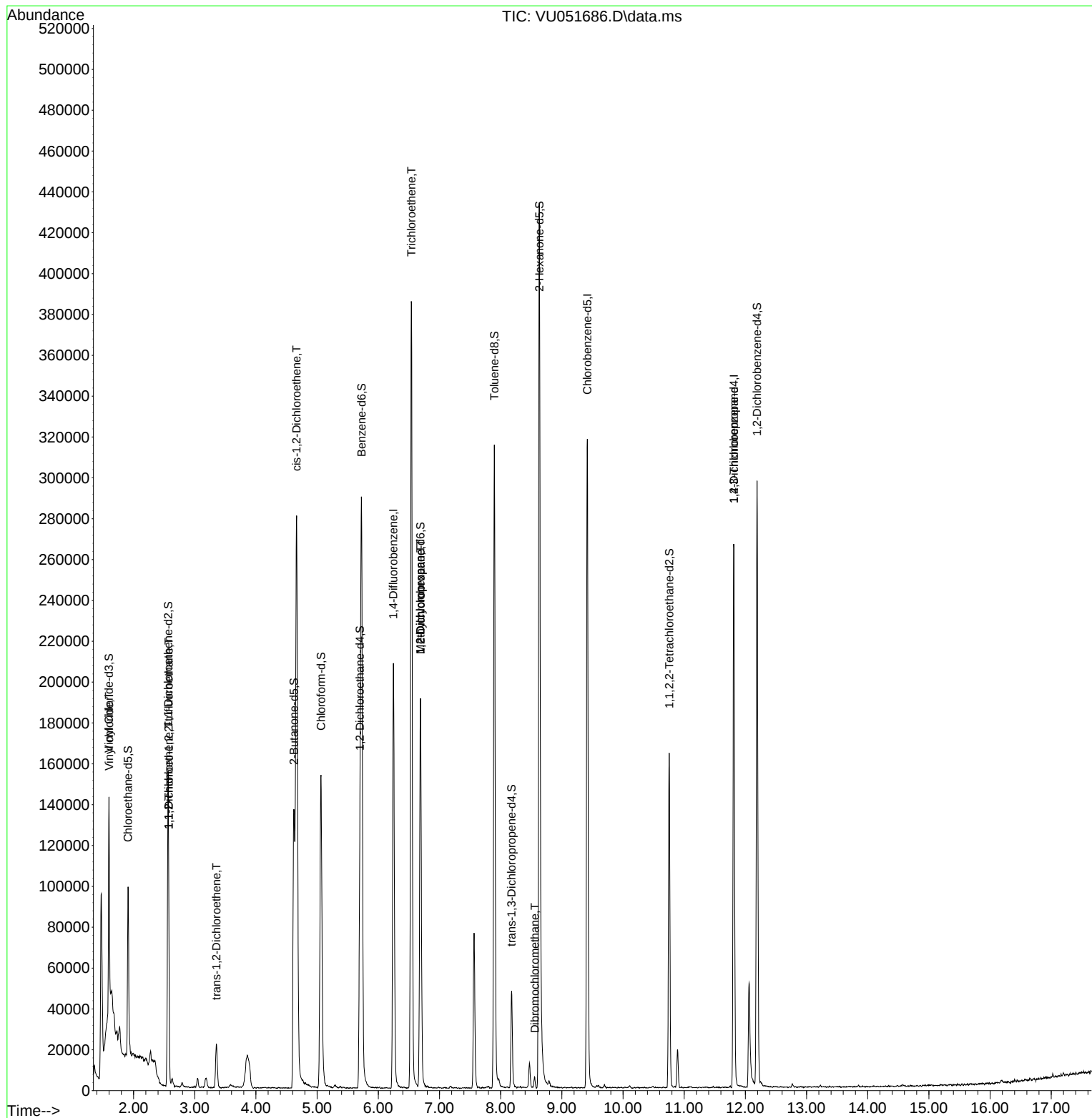
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	171103	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	186610	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	76121	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	73010	5.666	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	113.400%
7) Chloroethane-d5	1.909	69	64959	4.833	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.600%
11) 1,1-Dichloroethene-d2	2.565	65	28846	6.168	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	123.400%
20) 2-Butanone-d5	4.620	46	189116	40.522	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	81.040%
24) Chloroform-d	5.063	84	144792	4.802	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.000%
26) 1,2-Dichloroethane-d4	5.700	65	77307	4.746	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.000%
32) Benzene-d6	5.726	84	286505	4.865	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.400%
36) 1,2-Dichloropropane-d6	6.690	67	95544	4.640	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.800%
41) Toluene-d8	7.896	98	220123	4.753	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.000%
43) trans-1,3-Dichloroprop...	8.179	79	27747	4.407	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.200%
46) 2-Hexanone-d5	8.632	63	143941	37.977	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	75.960%
56) 1,1,2,2-Tetrachloroeth...	10.754	84	86945	4.608	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.200%
66) 1,2-Dichlorobenzene-d4	12.192	152	83030	5.943	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	118.800%
Target Compounds						
5) Vinyl chloride	1.600	62	2841	0.126	ug/L #	1
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	900	0.062	ug/L #	19
12) 1,1-Dichloroethene	2.575	96	2008	0.135	ug/L #	1
18) trans-1,2-Dichloroethene	3.356	96	9380	0.588	ug/L	96
22) cis-1,2-Dichloroethene	4.665	96	148155	8.387	ug/L	98
34) Trichloroethene	6.539	95	137342	7.728	ug/L	98
35) Methylcyclohexane	6.690	83	22279	0.907	ug/L #	20
37) 1,2-Dichloropropane	6.690	63	9515	0.502	ug/L #	88
49) Dibromochloromethane	8.558	129	1070	0.067	ug/L #	10
61) 1,2,3-Trichloropropane	11.812	75	8772	0.891	ug/L #	67

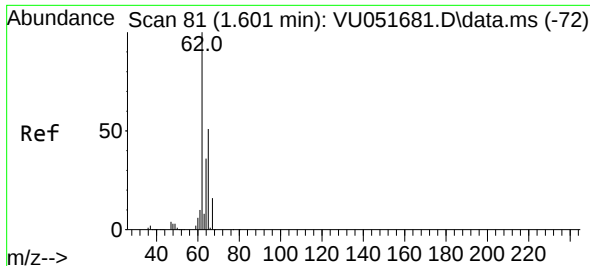
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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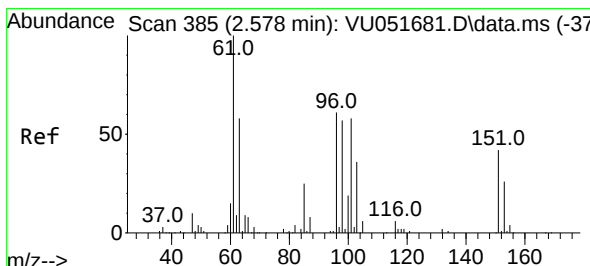
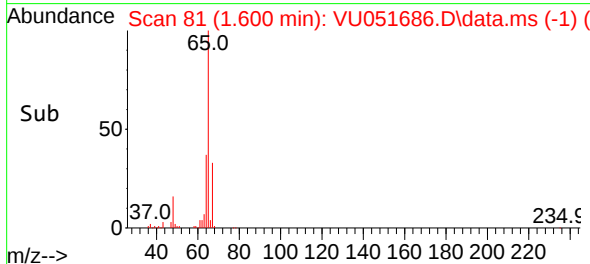
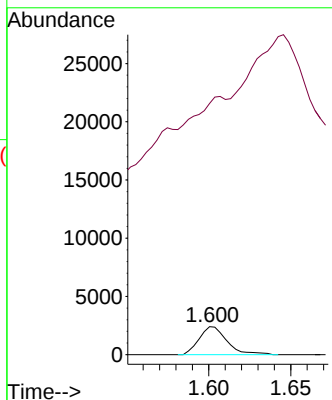
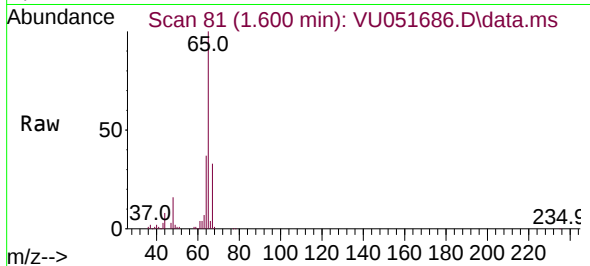




#5
 Vinyl chloride
 Concen: 0.126 ug/L
 RT: 1.600 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: VU051686.D
 Acq: 02 Nov 2022 12:48

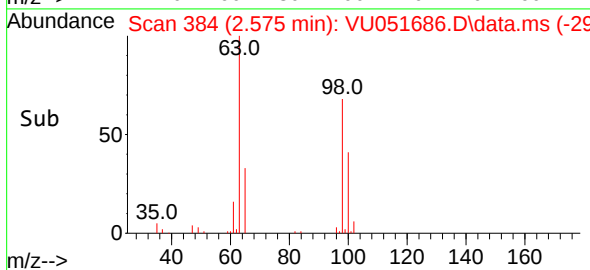
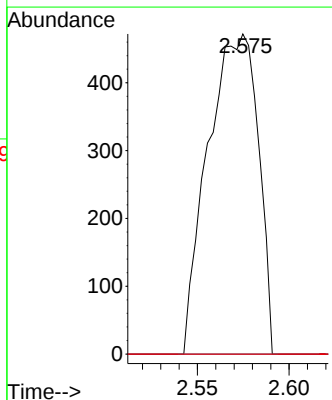
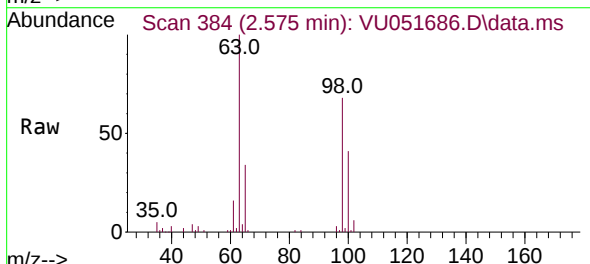
Instrument :
 MSVOA_U
 ClientSampleId :
 DBWP0

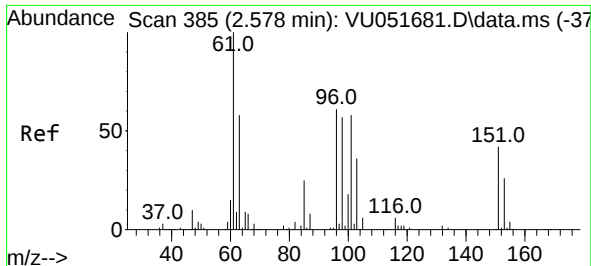
Tgt Ion: 62 Resp: 2841
 Ion Ratio Lower Upper
 62 100
 64 895.3 22.1 41.1#



#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.062 ug/L
 RT: 2.575 min Scan# 384
 Delta R.T. -0.003 min
 Lab File: VU051686.D
 Acq: 02 Nov 2022 12:48

Tgt Ion: 101 Resp: 900
 Ion Ratio Lower Upper
 101 100
 85 0.0 35.6 53.4#
 151 0.0 59.6 89.4#





#12

1,1-Dichloroethene

Concen: 0.135 ug/L

RT: 2.575 min Scan# 3

Delta R.T. -0.003 min

Lab File: VU051686.D

Acq: 02 Nov 2022 12:48

Instrument :

MSVOA_U

ClientSampleId :

DBWP0

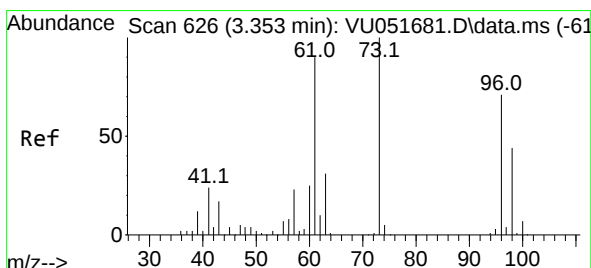
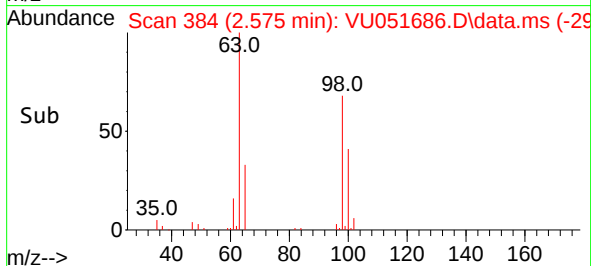
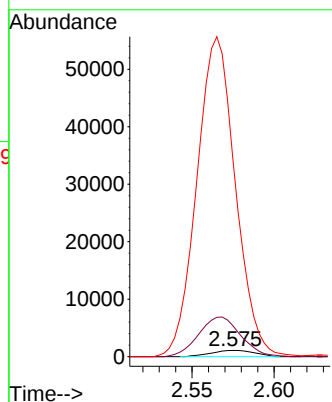
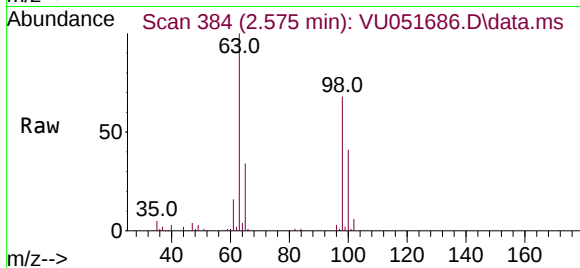
Tgt Ion: 96 Resp: 2008

Ion Ratio Lower Upper

96 100

61 500.6 108.8 202.0#

63 3204.4 64.9 120.5#



#18

trans-1,2-Dichloroethene

Concen: 0.588 ug/L

RT: 3.356 min Scan# 627

Delta R.T. 0.003 min

Lab File: VU051686.D

Acq: 02 Nov 2022 12:48

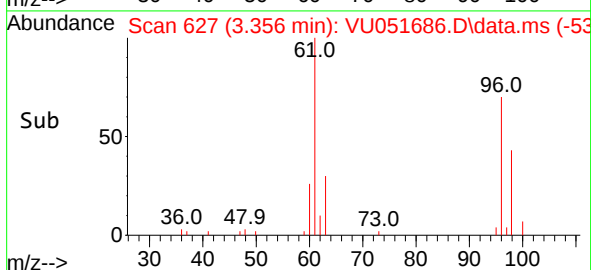
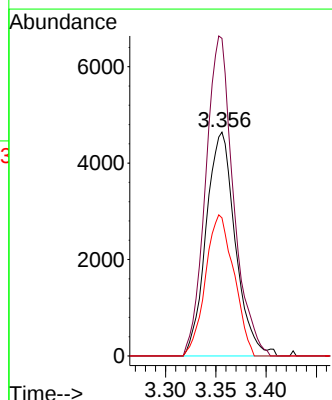
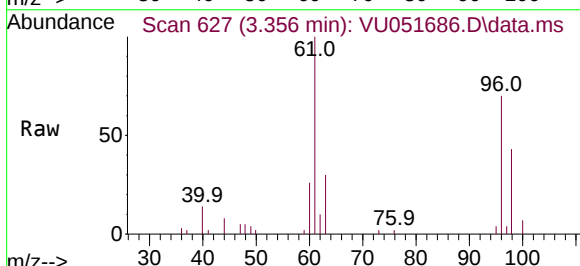
Tgt Ion: 96 Resp: 9380

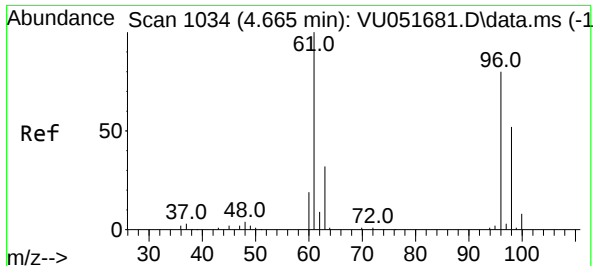
Ion Ratio Lower Upper

96 100

61 141.9 94.7 175.9

98 61.7 44.2 82.0



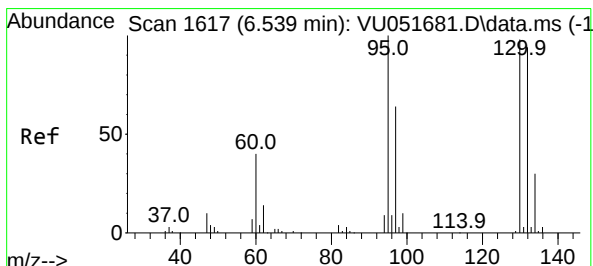
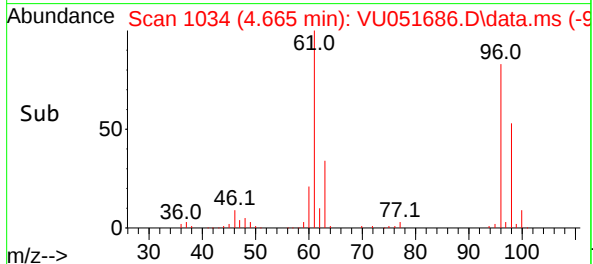
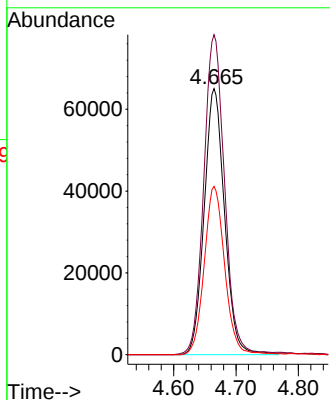
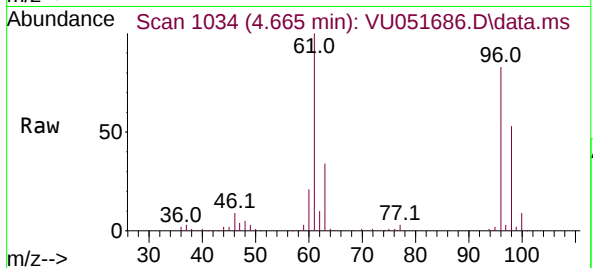


#22
 cis-1,2-Dichloroethene
 Concen: 8.387 ug/L
 RT: 4.665 min Scan# 1034
 Delta R.T. -0.000 min
 Lab File: VU051686.D
 Acq: 02 Nov 2022 12:48

Instrument :
 MSVOA_U
 ClientSampleId :
 DBWP0

Tgt Ion: 96 Resp: 148155

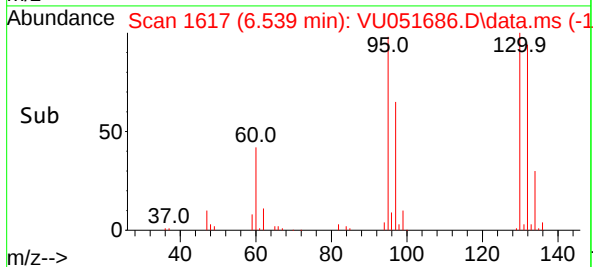
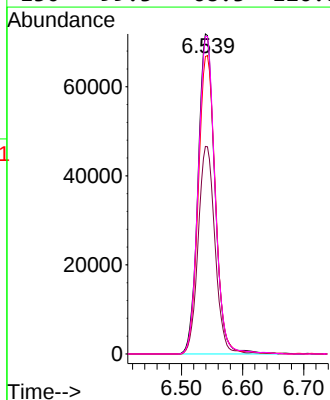
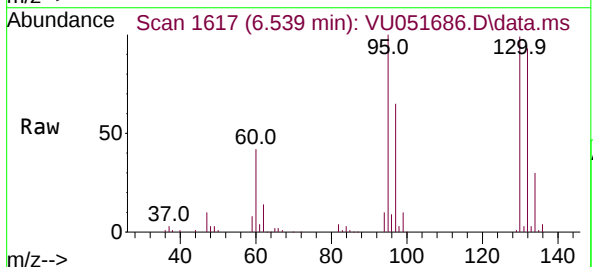
Ion	Ratio	Lower	Upper
96	100		
61	120.2	86.4	160.4
98	63.3	44.2	82.2

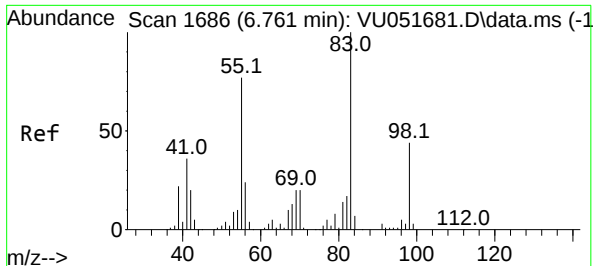


#34
 Trichloroethene
 Concen: 7.728 ug/L
 RT: 6.539 min Scan# 1617
 Delta R.T. -0.000 min
 Lab File: VU051686.D
 Acq: 02 Nov 2022 12:48

Tgt Ion: 95 Resp: 137342

Ion	Ratio	Lower	Upper
95	100		
97	64.9	45.2	84.0
132	92.9	66.5	123.5
130	99.3	68.3	126.8





#35

Methylcyclohexane

Concen: 0.907 ug/L

RT: 6.690 min Scan# 1664

Delta R.T. -0.071 min

Lab File: VU051686.D

Acq: 02 Nov 2022 12:48

Instrument :

MSVOA_U

ClientSampleId :

DBWP0

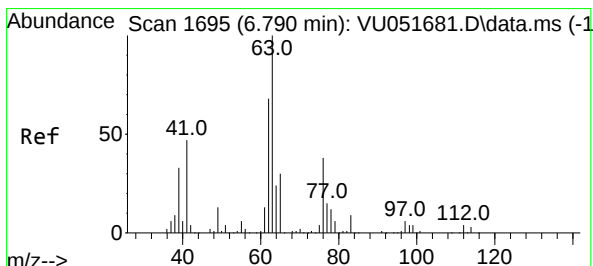
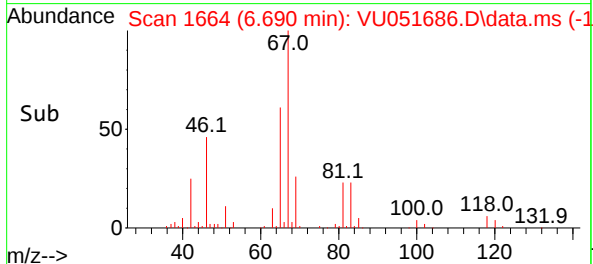
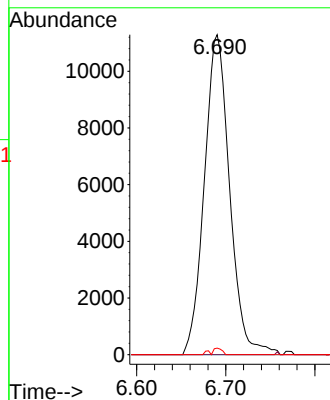
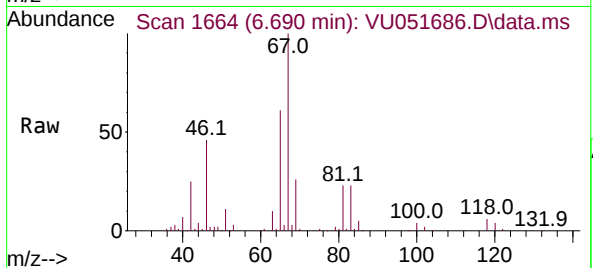
Tgt Ion: 83 Resp: 22279

Ion Ratio Lower Upper

83 100

55 0.1 60.6 90.8#

98 0.9 35.8 53.6#



#37

1,2-Dichloropropane

Concen: 0.502 ug/L

RT: 6.690 min Scan# 1664

Delta R.T. -0.100 min

Lab File: VU051686.D

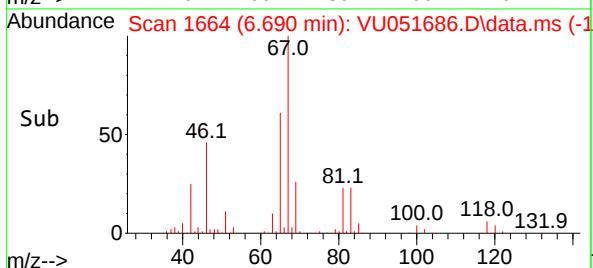
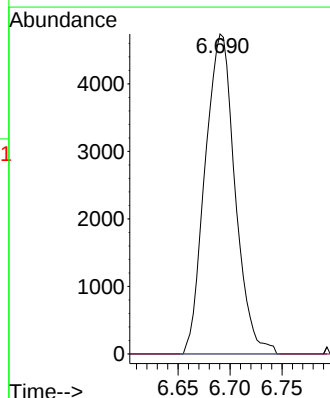
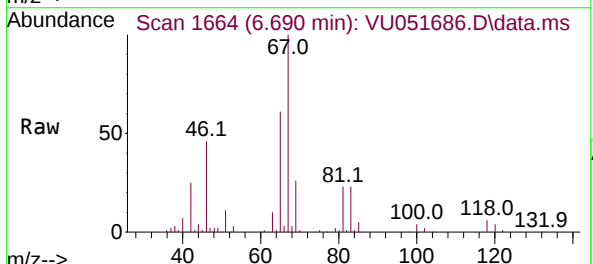
Acq: 02 Nov 2022 12:48

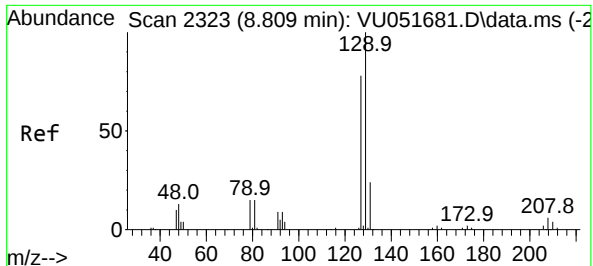
Tgt Ion: 63 Resp: 9515

Ion Ratio Lower Upper

63 100

112 0.0 3.3 4.9#





#49

Dibromochloromethane

Concen: 0.067 ug/L

RT: 8.558 min Scan# 21

Delta R.T. -0.251 min

Lab File: VU051686.D

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ClientSampleId :

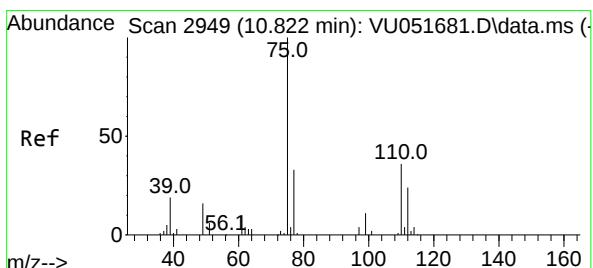
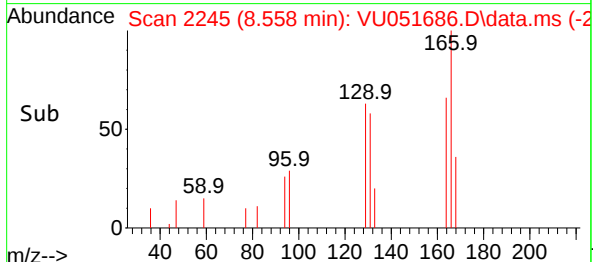
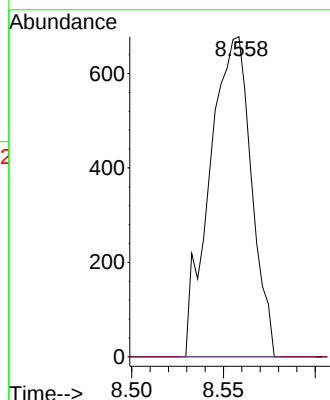
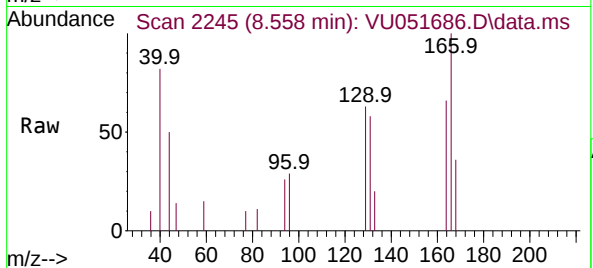
DBWP0

Tgt Ion:129 Resp: 1070

Ion Ratio Lower Upper

129 100

127 0.0 54.8 101.8#



#61

1,2,3-Trichloropropane

Concen: 0.891 ug/L

RT: 11.812 min Scan# 3257

Delta R.T. 0.990 min

Lab File: VU051686.D

Acq: 02 Nov 2022 12:48

Tgt Ion: 75 Resp: 8772

Ion Ratio Lower Upper

75 100

110 0.0 28.7 43.1#

77 31.7 26.1 39.1

