

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110122\
 Data File : VU051660.D
 Acq On : 01 Nov 2022 17:39
 Operator : JC/MD
 Sample : N5301-09
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 02 02:05:00 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Nov 02 01:48:00 2022
 Response via : Initial Calibration

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

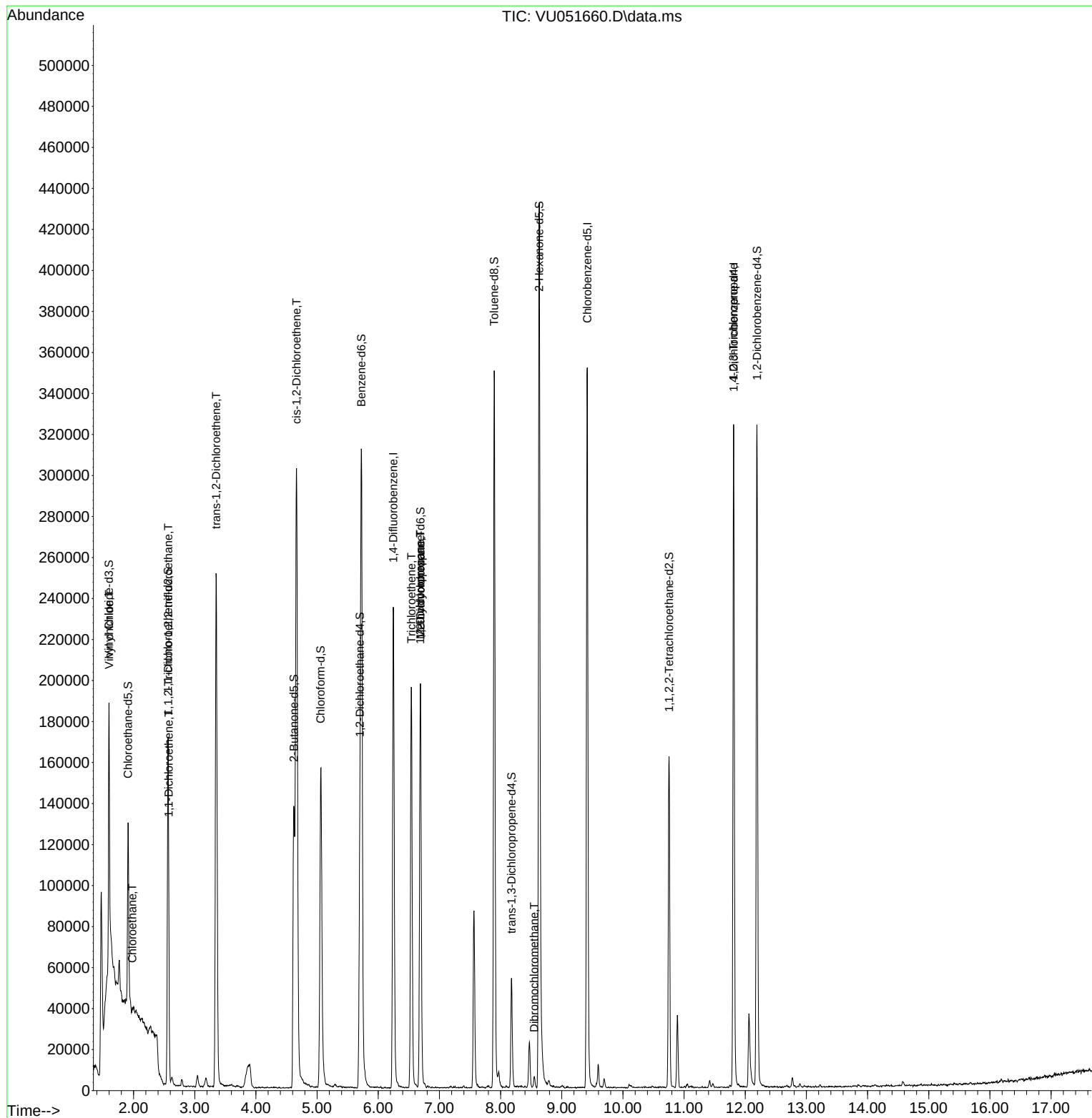
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	195990	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	208185	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	90356	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	79115	5.360	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	107.200%	
7) Chloroethane-d5	1.909	69	70656	4.590	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	91.800%	
11) 1,1-Dichloroethene-d2	2.565	65	31574	5.894	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	117.800%	
20) 2-Butanone-d5	4.620	46	191323	35.789	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	71.580%	
24) Chloroform-d	5.060	84	146865	4.252	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	85.000%	
26) 1,2-Dichloroethane-d4	5.700	65	78098	4.185	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	83.800%	
32) Benzene-d6	5.726	84	305698	4.653	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	93.000%	
36) 1,2-Dichloropropane-d6	6.690	67	100192	4.361	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	87.200%	
41) Toluene-d8	7.896	98	247304	4.787	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	95.800%	
43) trans-1,3-Dichloroprop...	8.179	79	31347	4.463	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	89.200%	
46) 2-Hexanone-d5	8.632	63	150626	35.622	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	71.240%	
56) 1,1,2,2-Tetrachloroeth...	10.754	84	84393	4.009	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	80.200%	
66) 1,2-Dichlorobenzene-d4	12.192	152	89099	5.373	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	107.400%	
Target Compounds						Qvalue
5) Vinyl chloride	1.600	62	13161	0.508	ug/L #	1
8) Chloroethane	1.980	64	1728	0.110	ug/L #	53
10) 1,1,2-Trichloro-1,2,2-...	2.568	101	1122	0.067	ug/L #	19
12) 1,1-Dichloroethene	2.575	96	2654	0.156	ug/L #	1
18) trans-1,2-Dichloroethene	3.350	96	109787	6.004	ug/L	98
22) cis-1,2-Dichloroethene	4.665	96	160882	7.951	ug/L	98
34) Trichloroethene	6.542	95	69154	3.488	ug/L	99
35) Methylcyclohexane	6.690	83	22239	0.811	ug/L #	20
37) 1,2-Dichloropropane	6.687	63	9982	0.472	ug/L #	88
49) Dibromochloromethane	8.549	129	1064	0.060	ug/L #	10
61) 1,2,3-Trichloropropane	11.809	75	10549	0.903	ug/L #	68

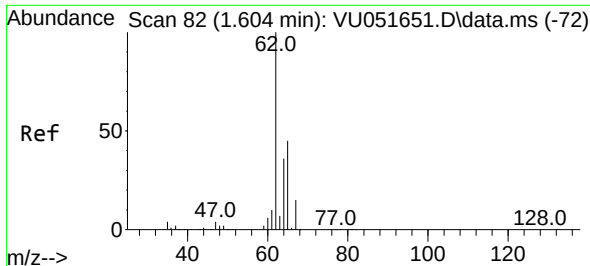
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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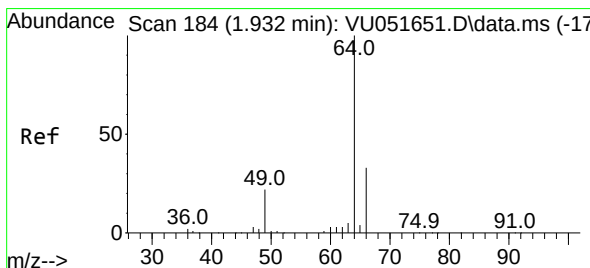
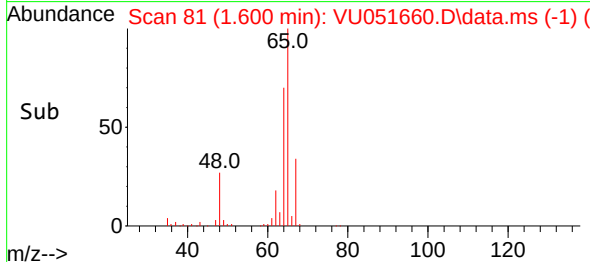
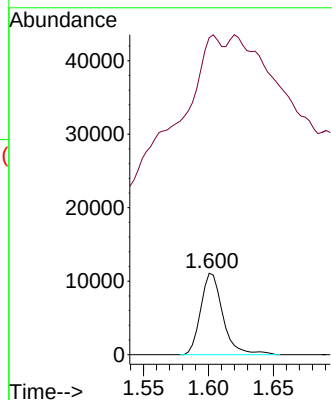
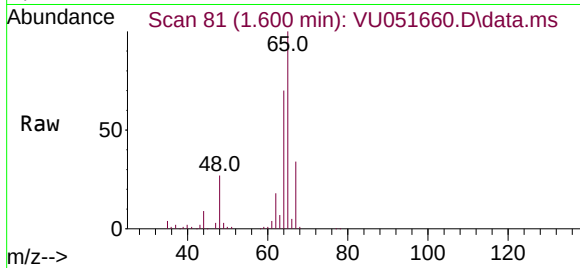




#5
 Vinyl chloride
 Concen: 0.508 ug/L
 RT: 1.600 min Scan# 81
 Delta R.T. -0.003 min
 Lab File: VU051660.D
 Acq: 01 Nov 2022 17:39

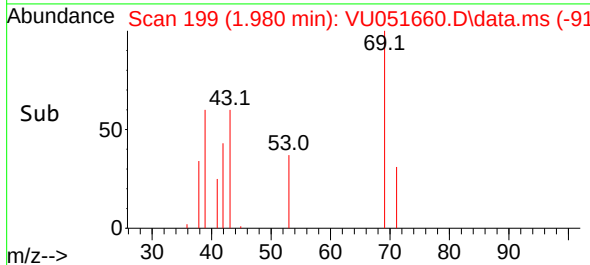
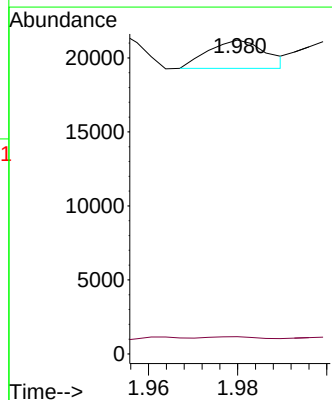
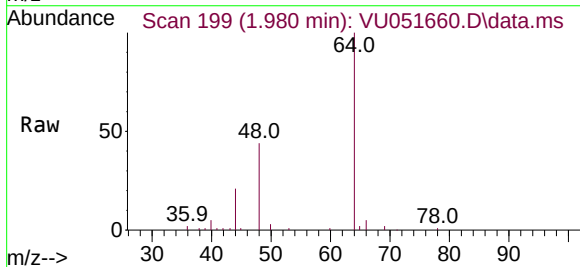
Instrument :
 MSVOA_U
 ClientSampleId :

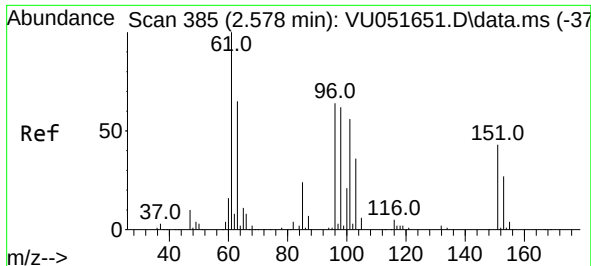
Tgt Ion: 62 Resp: 13161
 Ion Ratio Lower Upper
 62 100
 64 389.2 22.1 41.1#



#8
 Chloroethane
 Concen: 0.110 ug/L
 RT: 1.980 min Scan# 199
 Delta R.T. 0.048 min
 Lab File: VU051660.D
 Acq: 01 Nov 2022 17:39

Tgt Ion: 64 Resp: 1728
 Ion Ratio Lower Upper
 64 100
 66 5.5 22.3 41.5#





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.067 ug/L

RT: 2.568 min Scan# 31

Delta R.T. -0.010 min

Lab File: VU051660.D

Acq: 01 Nov 2022 17:39

Instrument :

MSVOA_U

ClientSampleId :

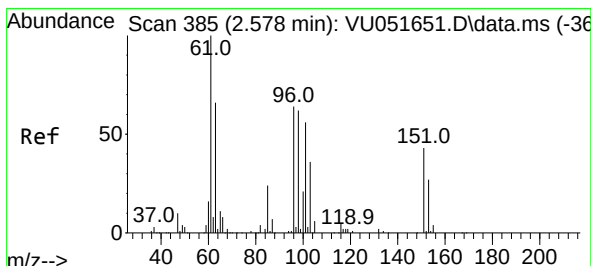
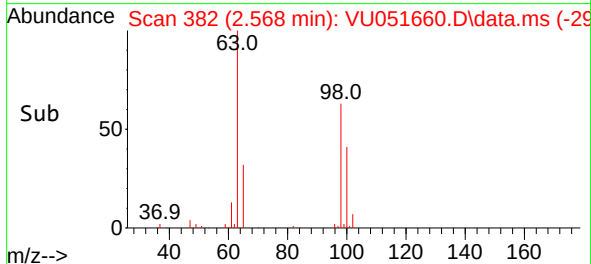
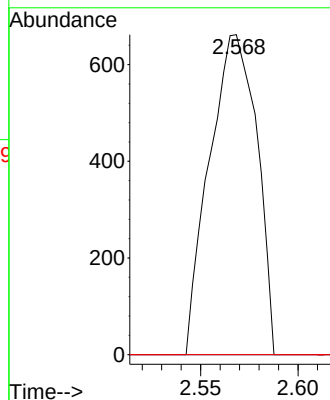
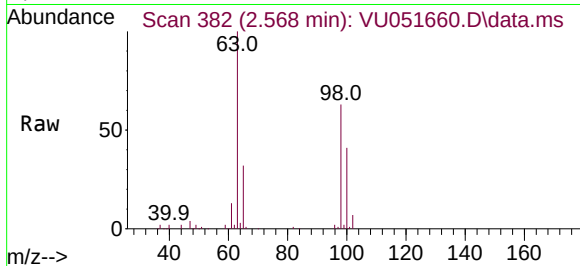
Tgt Ion:101 Resp: 1122

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: 0.156 ug/L

RT: 2.575 min Scan# 384

Delta R.T. -0.003 min

Lab File: VU051660.D

Acq: 01 Nov 2022 17:39

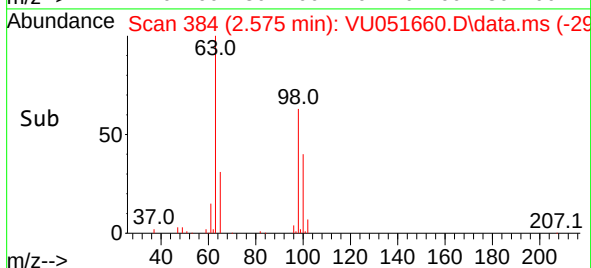
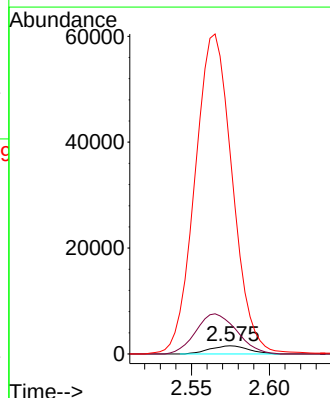
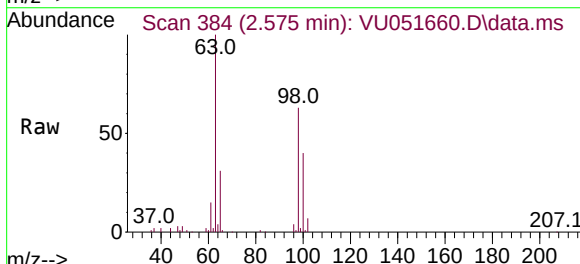
Tgt Ion: 96 Resp: 2654

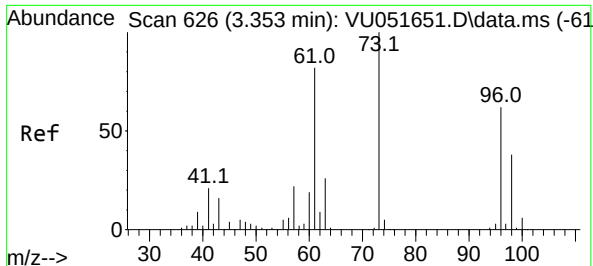
Ion Ratio Lower Upper

96 100

61 373.2 108.8 202.0#

63 2472.8 64.9 120.5#





#18

trans-1,2-Dichloroethene

Concen: 6.004 ug/L

RT: 3.350 min Scan# 61

Delta R.T. -0.003 min

Lab File: VU051660.D

Acq: 01 Nov 2022 17:39

Instrument :

MSVOA_U

ClientSampleId :

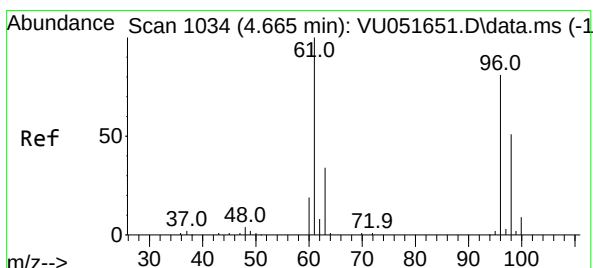
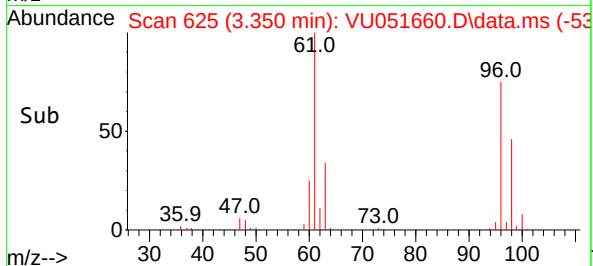
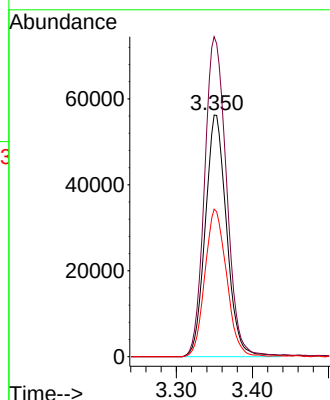
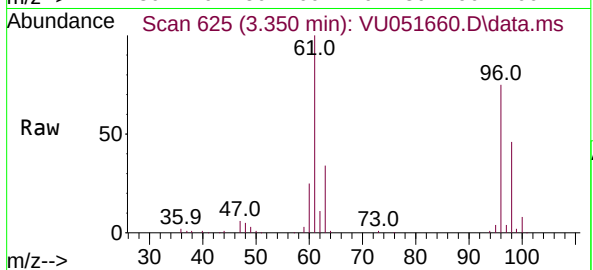
Tgt Ion: 96 Resp: 109787

Ion Ratio Lower Upper

96 100

61 132.5 94.7 175.9

98 61.1 44.2 82.0



#22

cis-1,2-Dichloroethene

Concen: 7.951 ug/L

RT: 4.665 min Scan# 1034

Delta R.T. -0.000 min

Lab File: VU051660.D

Acq: 01 Nov 2022 17:39

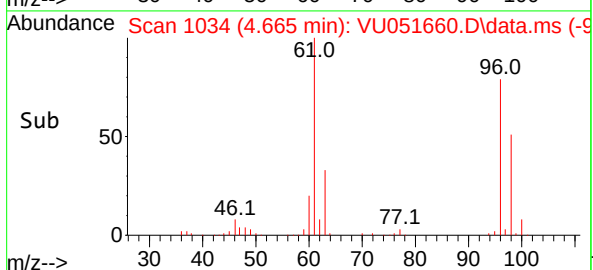
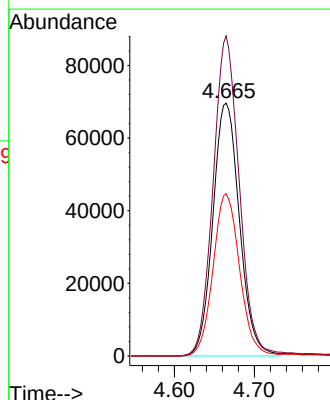
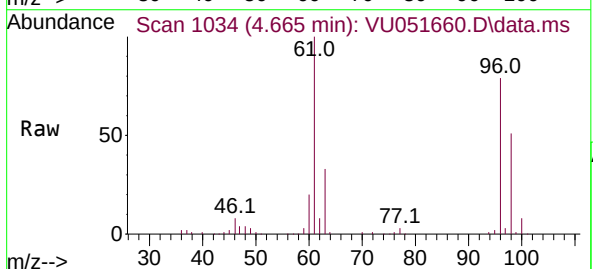
Tgt Ion: 96 Resp: 160882

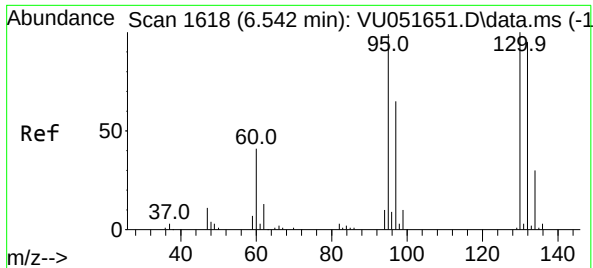
Ion Ratio Lower Upper

96 100

61 126.6 86.4 160.4

98 64.2 44.2 82.2

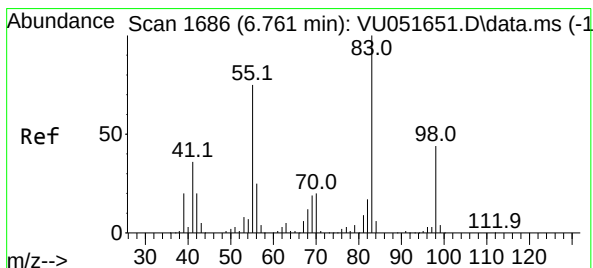
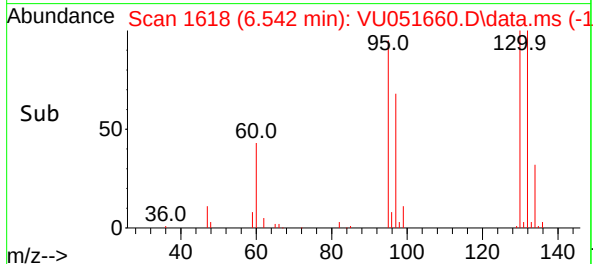
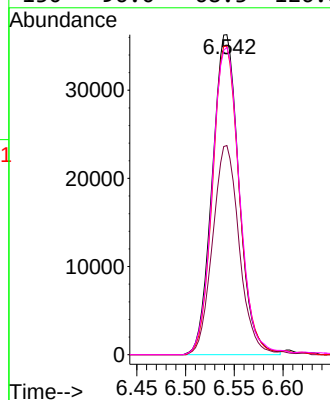
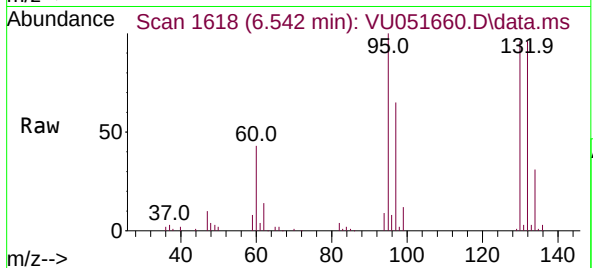




#34
Trichloroethene
Concen: 3.488 ug/L
RT: 6.542 min Scan# 1618
Delta R.T. 0.000 min
Lab File: VU051660.D
Acq: 01 Nov 2022 17:39

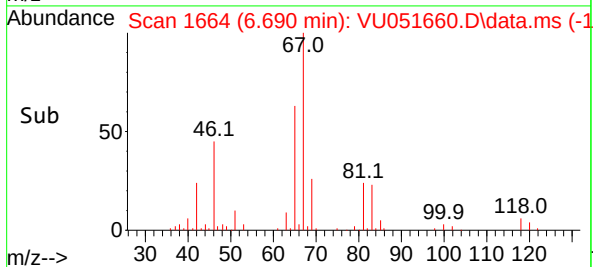
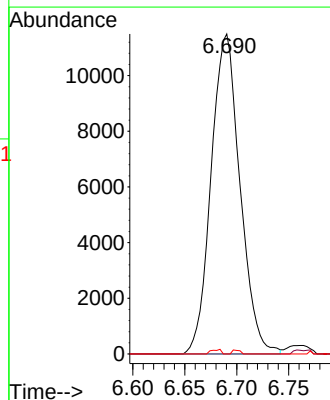
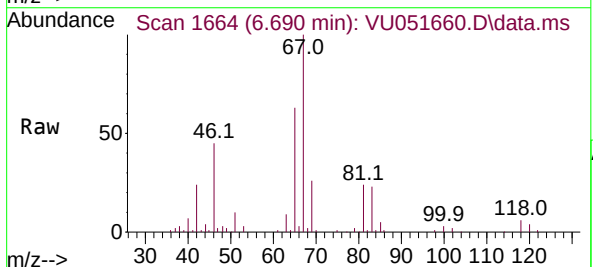
Instrument :
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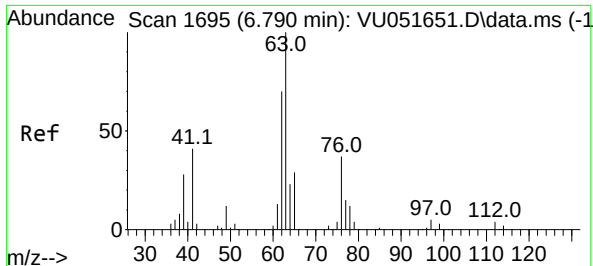
Tgt Ion: 95 Resp: 69154
Ion Ratio Lower Upper
95 100
97 65.4 45.2 84.0
132 96.4 66.5 123.5
130 96.0 68.3 126.8



#35
Methylcyclohexane
Concen: 0.811 ug/L
RT: 6.690 min Scan# 1664
Delta R.T. -0.071 min
Lab File: VU051660.D
Acq: 01 Nov 2022 17:39

Tgt Ion: 83 Resp: 22239
Ion Ratio Lower Upper
83 100
55 0.7 60.6 90.8#
98 0.3 35.8 53.6#

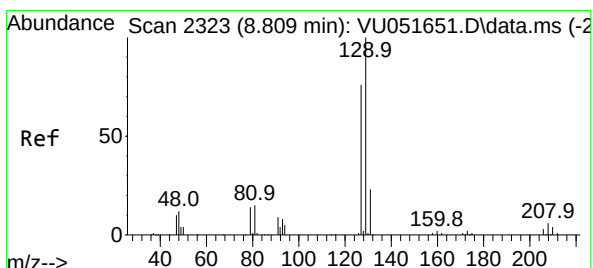
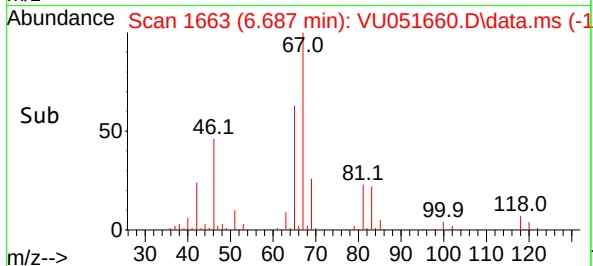
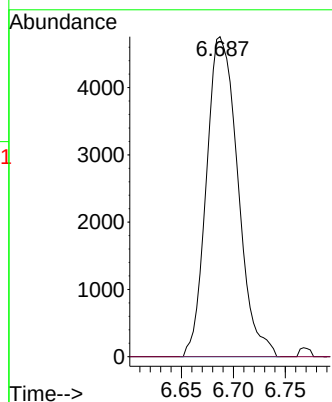
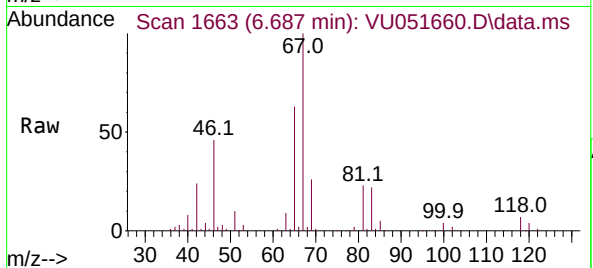




#37
1,2-Dichloropropane
Concen: 0.472 ug/L
RT: 6.687 min Scan# 1
Delta R.T. -0.103 min
Lab File: VU051660.D
Acq: 01 Nov 2022 17:39

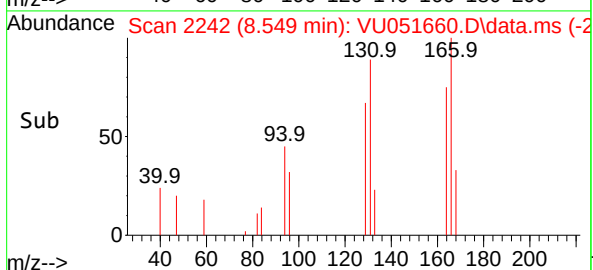
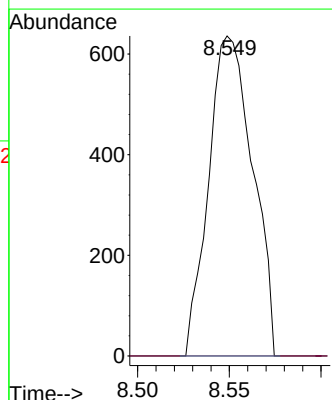
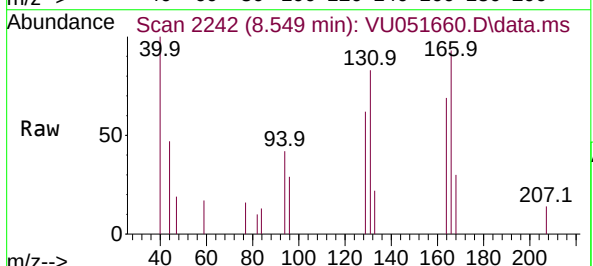
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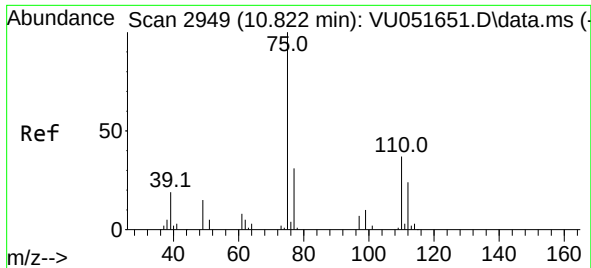
Tgt Ion: 63 Resp: 9982
Ion Ratio Lower Upper
63 100
112 0.0 3.3 4.9#



#49
Dibromochloromethane
Concen: 0.060 ug/L
RT: 8.549 min Scan# 2242
Delta R.T. -0.260 min
Lab File: VU051660.D
Acq: 01 Nov 2022 17:39

Tgt Ion: 129 Resp: 1064
Ion Ratio Lower Upper
129 100
127 0.0 54.8 101.8#





#61

1,2,3-Trichloropropane

Concen: 0.903 ug/L

RT: 11.809 min Scan# 31

Delta R.T. 0.987 min

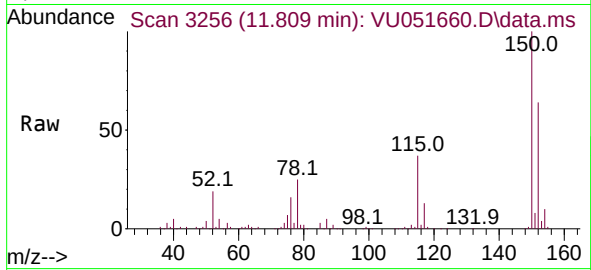
Lab File: VU051660.D

Acq: 01 Nov 2022 17:39

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion: 75 Resp: 10549

Ion Ratio Lower Upper

75 100

110 2.9 28.7 43.1#

77 35.0 26.1 39.1

