

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU080522\
 Data File : VU050096.D
 Acq On : 05 Aug 2022 15:01
 Operator : SY/MD
 Sample : N4022-12
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Aug 06 04:35:35 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR080422WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Aug 06 04:32:47 2022
 Response via : Initial Calibration

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

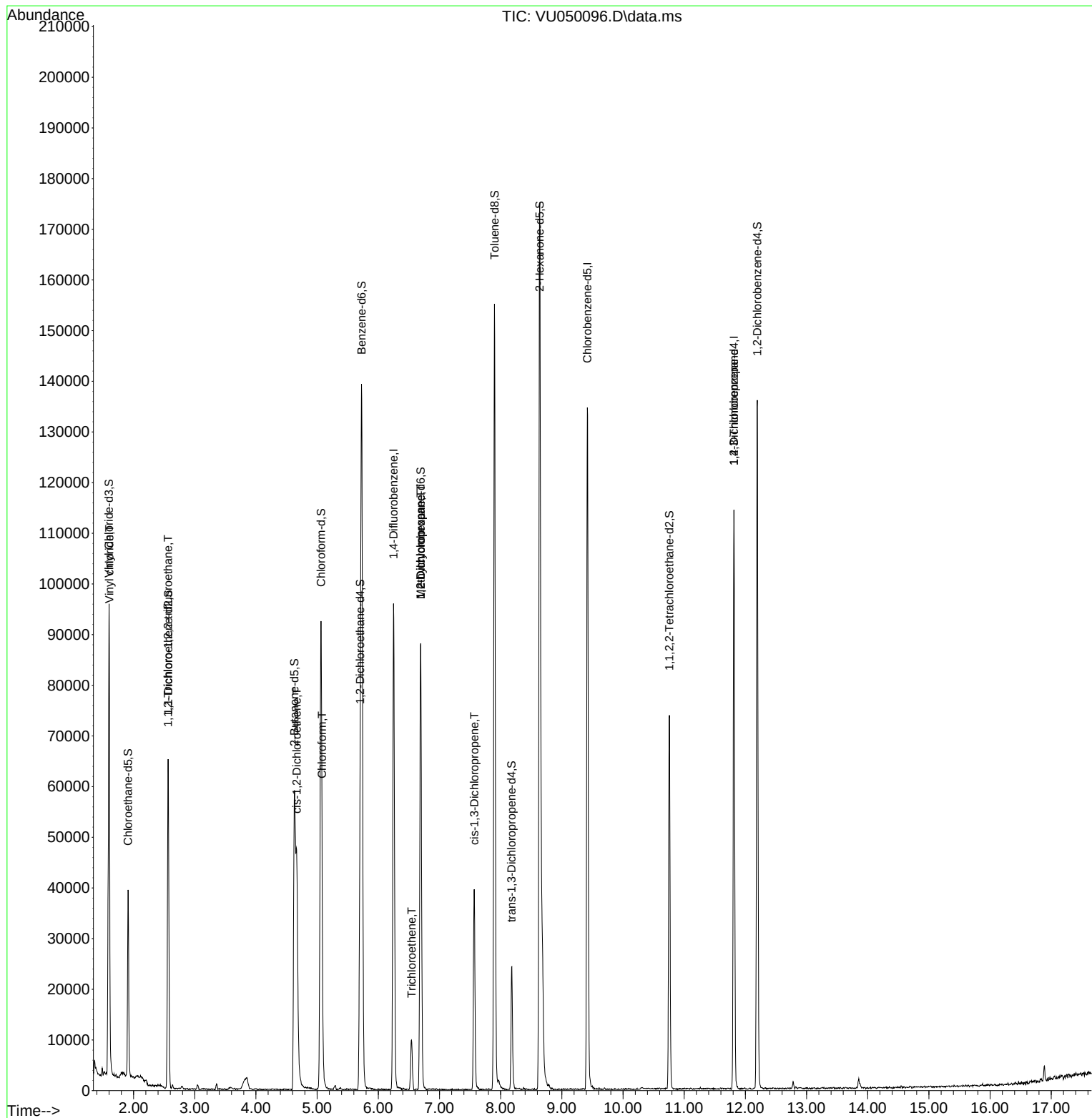
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	79808	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	78983	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	31899	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	31529	4.747	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	95.000%	
7) Chloroethane-d5	1.909	69	27567	5.145	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	102.800%	
11) 1,1-Dichloroethene-d2	2.565	65	12434	4.790	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	95.800%	
20) 2-Butanone-d5	4.629	46	90473	55.860	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	111.720%	
24) Chloroform-d	5.067	84	66931	5.418	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	108.400%	
26) 1,2-Dichloroethane-d4	5.703	65	35329	5.570	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	111.400%	
32) Benzene-d6	5.729	84	133713	5.425	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	108.400%	
36) 1,2-Dichloropropane-d6	6.694	67	45802	5.643	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	112.800%	
41) Toluene-d8	7.899	98	108636	4.990	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	99.800%	
43) trans-1,3-Dichloroprop...	8.179	79	14866	5.111	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	102.200%	
46) 2-Hexanone-d5	8.636	63	56469	54.749	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	109.500%	
56) 1,1,2,2-Tetrachloroeth...	10.758	84	39501	5.542	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	110.800%	
66) 1,2-Dichlorobenzene-d4	12.195	152	37062	5.930	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	118.600%	
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.604	62	37118	4.329	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.562	101	210	0.040	ug/L #	22
22) cis-1,2-Dichloroethene	4.668	96	19130	2.790	ug/L	98
25) Chloroform	5.080	83	160	0.013	ug/L #	1
34) Trichloroethene	6.546	95	3334	0.498	ug/L	98
35) Methylcyclohexane	6.694	83	10444	1.209	ug/L #	18
37) 1,2-Dichloropropane	6.694	63	4206	0.571	ug/L #	89
39) cis-1,3-Dichloropropene	7.568	75	895	0.093	ug/L #	53
61) 1,2,3-Trichloropropane	11.812	75	3922	0.903	ug/L #	67

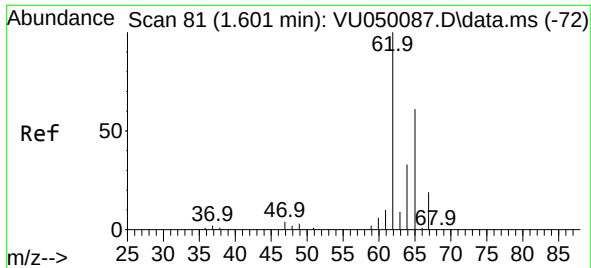
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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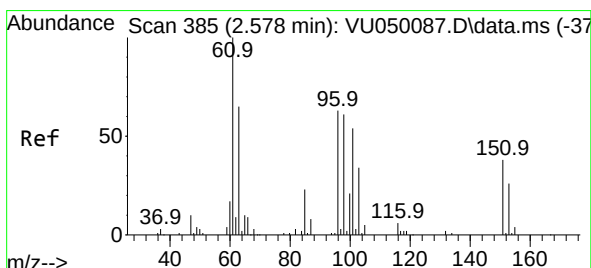
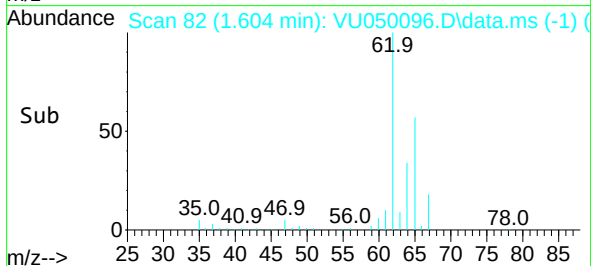
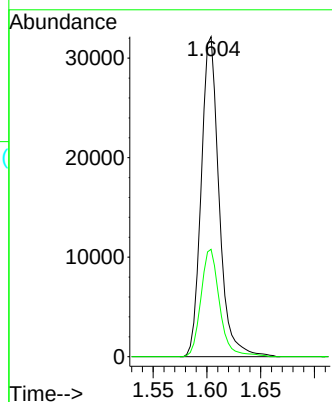
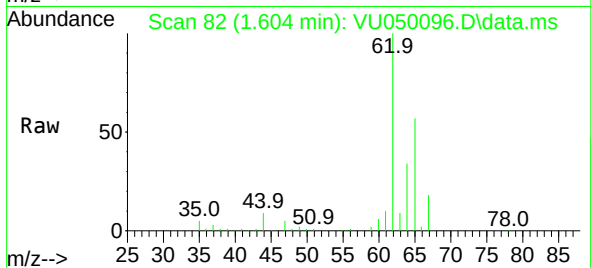




#5
 Vinyl chloride
 Concen: 4.329 ug/L
 RT: 1.604 min Scan# 81
 Delta R.T. 0.003 min
 Lab File: VU050096.D
 Acq: 05 Aug 2022 15:01

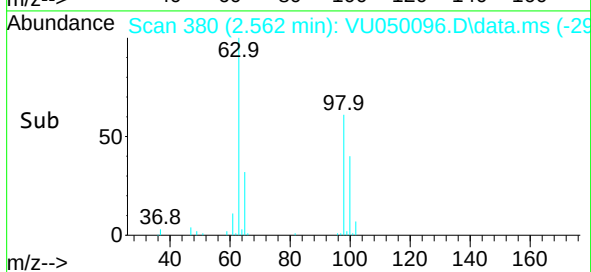
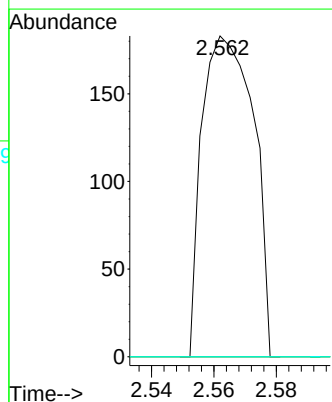
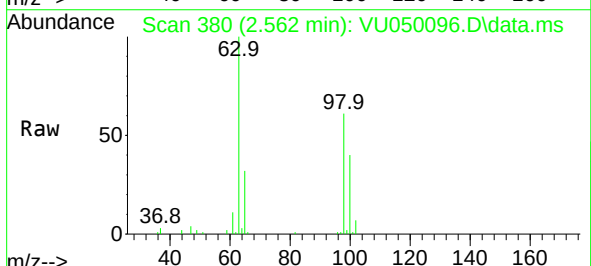
Instrument :
 MSVOA_U
 ClientSampleId :

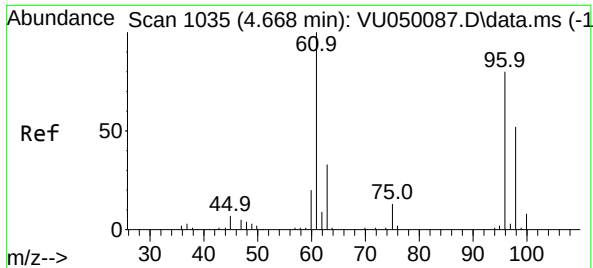
Tgt Ion: 62 Resp: 37118
 Ion Ratio Lower Upper
 62 100
 64 33.6 22.8 42.4



#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.040 ug/L
 RT: 2.562 min Scan# 380
 Delta R.T. -0.016 min
 Lab File: VU050096.D
 Acq: 05 Aug 2022 15:01

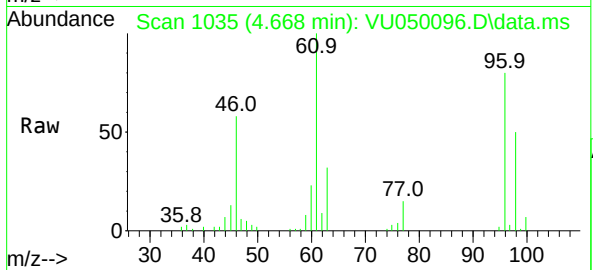
Tgt Ion: 101 Resp: 210
 Ion Ratio Lower Upper
 101 100
 85 0.0 35.6 53.4#
 151 0.0 55.2 82.8#



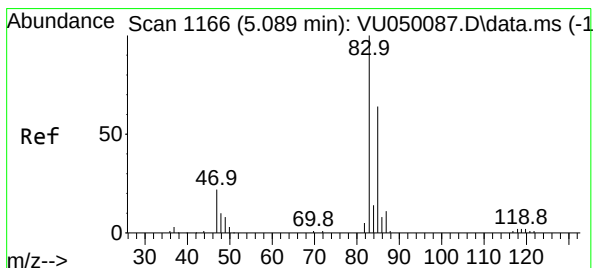
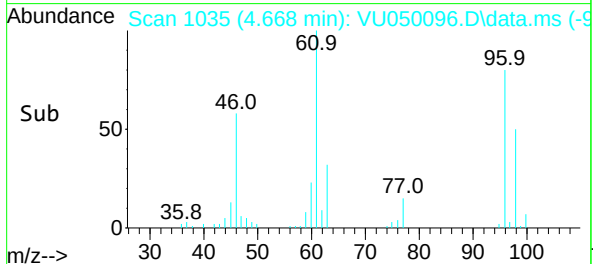
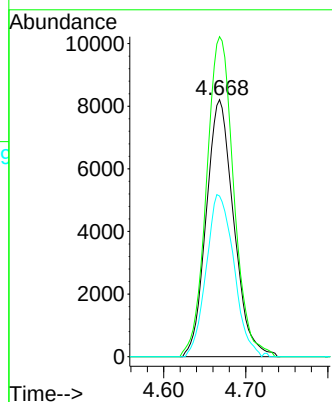


#22
 cis-1,2-Dichloroethene
 Concen: 2.790 ug/L
 RT: 4.668 min Scan# 1035
 Delta R.T. -0.000 min
 Lab File: VU050096.D
 Acq: 05 Aug 2022 15:01

Instrument :
 MSVOA_U
 ClientSampleId :

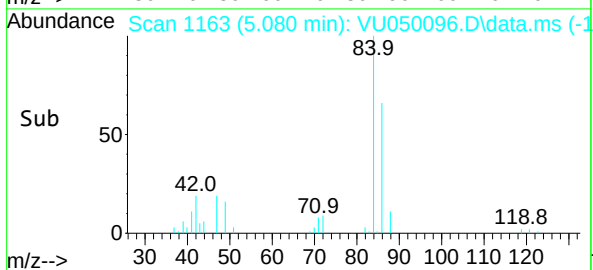
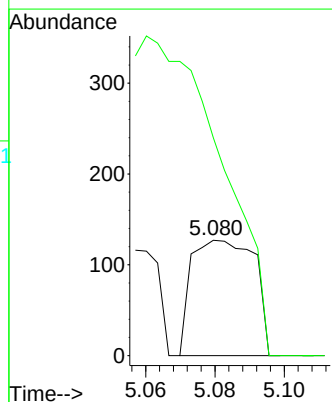
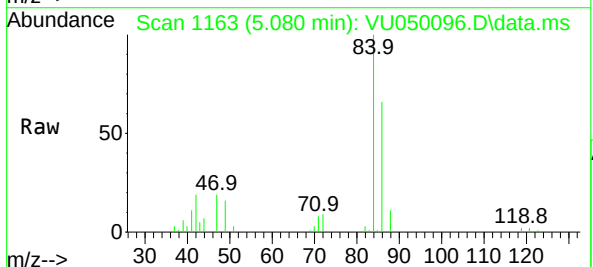


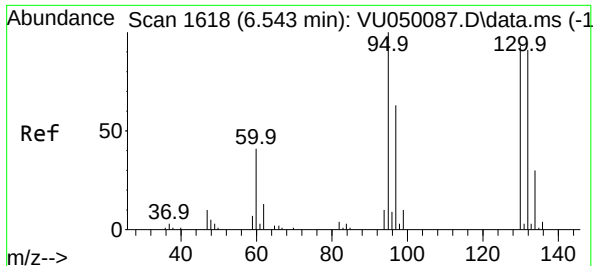
Tgt Ion: 96 Resp: 19130
 Ion Ratio Lower Upper
 96 100
 61 124.5 89.0 165.4
 98 62.5 45.2 84.0



#25
 Chloroform
 Concen: 0.013 ug/L
 RT: 5.080 min Scan# 1163
 Delta R.T. -0.010 min
 Lab File: VU050096.D
 Acq: 05 Aug 2022 15:01

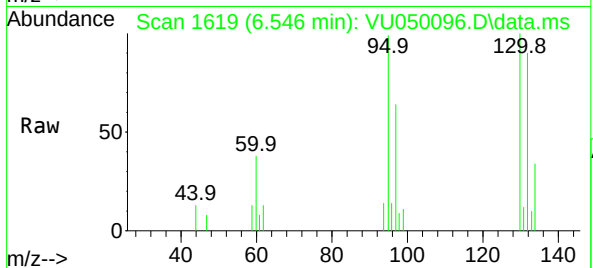
Tgt Ion: 83 Resp: 160
 Ion Ratio Lower Upper
 83 100
 85 189.0 46.1 85.5#



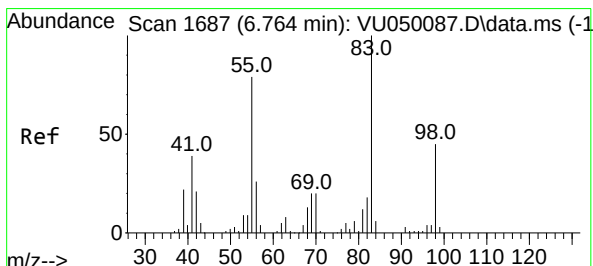
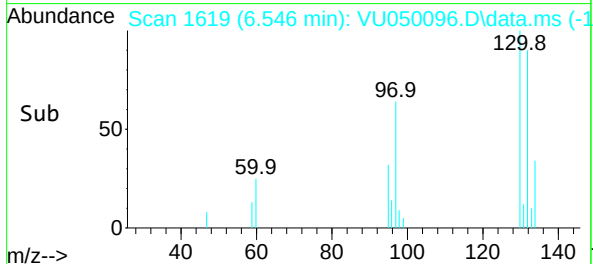
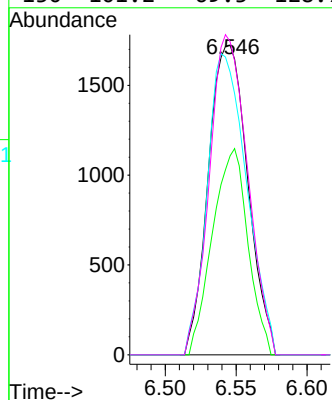


#34
Trichloroethene
Concen: 0.498 ug/L
RT: 6.546 min Scan# 1618
Delta R.T. 0.003 min
Lab File: VU050096.D
Acq: 05 Aug 2022 15:01

Instrument :
MSVOA_U
ClientSampleId :

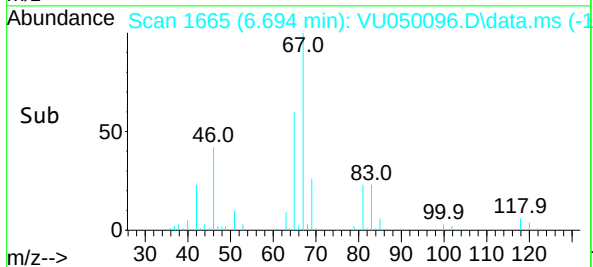
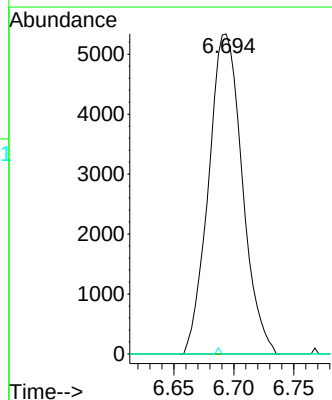
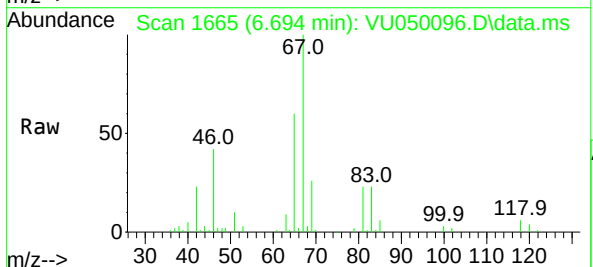


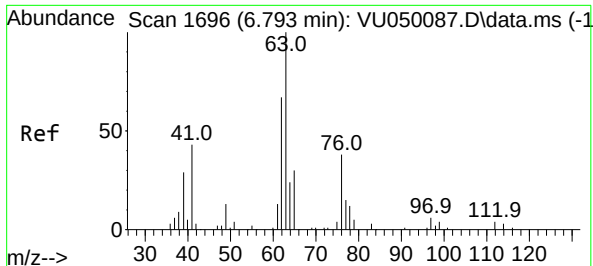
Tgt Ion: 95 Resp: 3334
Ion Ratio Lower Upper
95 100
97 64.3 45.6 84.8
132 91.4 65.0 120.6
130 101.2 69.3 128.7



#35
Methylcyclohexane
Concen: 1.209 ug/L
RT: 6.694 min Scan# 1665
Delta R.T. -0.071 min
Lab File: VU050096.D
Acq: 05 Aug 2022 15:01

Tgt Ion: 83 Resp: 10444
Ion Ratio Lower Upper
83 100
55 0.0 62.7 94.1#
98 0.2 36.2 54.2#





#37

1,2-Dichloropropane

Concen: 0.571 ug/L

RT: 6.694 min Scan# 1

Delta R.T. -0.100 min

Lab File: VU050096.D

Acq: 05 Aug 2022 15:01

Instrument :

MSVOA_U

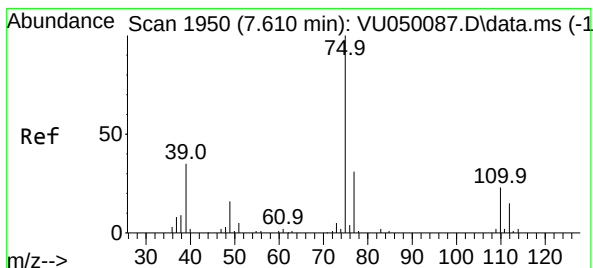
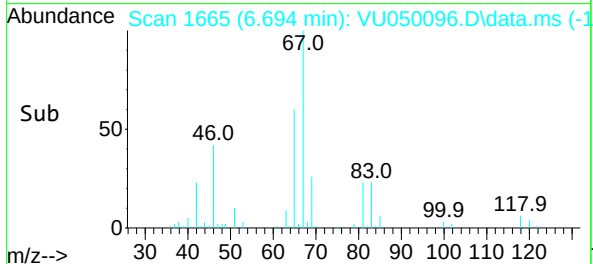
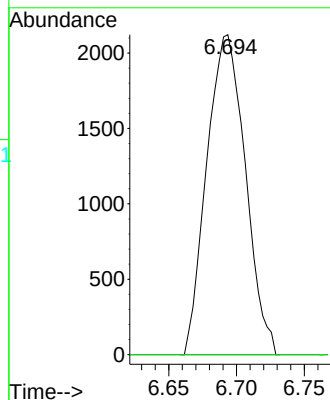
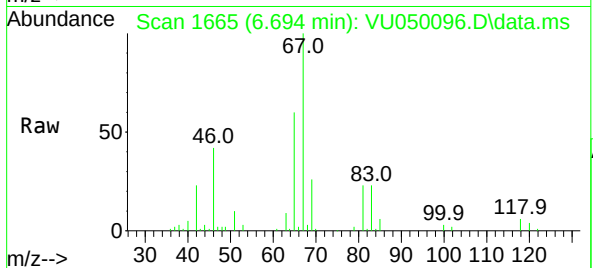
ClientSampleId :

Tgt Ion: 63 Resp: 4206

Ion Ratio Lower Upper

63 100

112 0.0 3.0 4.4#



#39

cis-1,3-Dichloropropene

Concen: 0.093 ug/L

RT: 7.568 min Scan# 1937

Delta R.T. -0.042 min

Lab File: VU050096.D

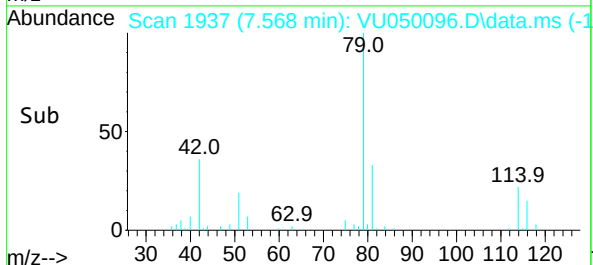
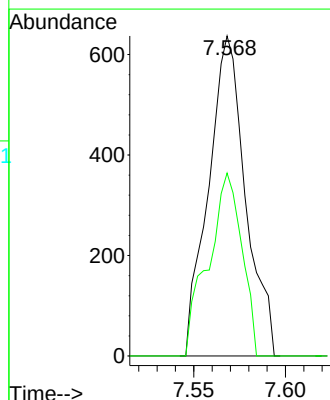
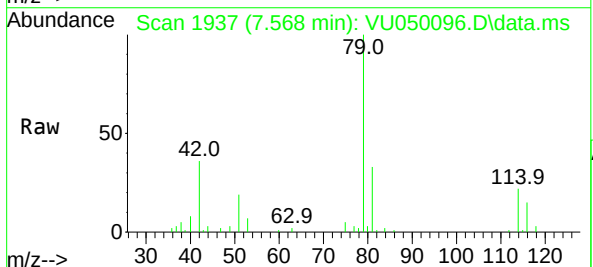
Acq: 05 Aug 2022 15:01

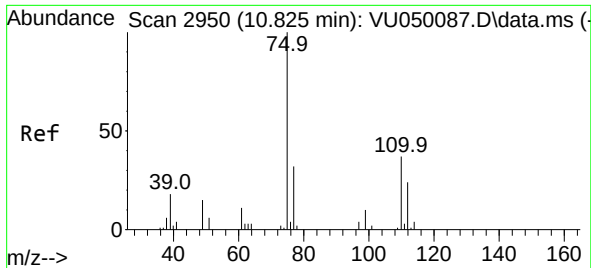
Tgt Ion: 75 Resp: 895

Ion Ratio Lower Upper

75 100

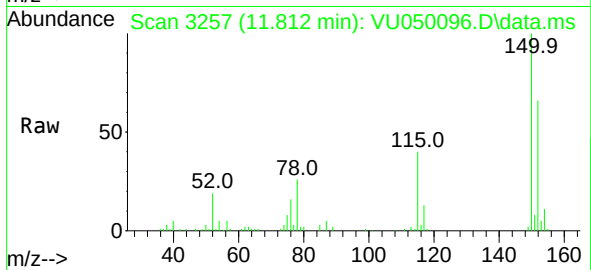
77 57.1 21.8 40.4#





#61
 1,2,3-Trichloropropane
 Concen: 0.903 ug/L
 RT: 11.812 min Scan# 31
 Delta R.T. 0.987 min
 Lab File: VU050096.D
 Acq: 05 Aug 2022 15:01

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75 Resp: 3922
 Ion Ratio Lower Upper
 75 100
 110 0.0 28.5 42.7#
 77 33.3 25.8 38.6

