

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU080522\
 Data File : VU050098.D
 Acq On : 05 Aug 2022 15:51
 Operator : SY/MD
 Sample : N4027-02DL 50X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Aug 06 04:36:05 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)

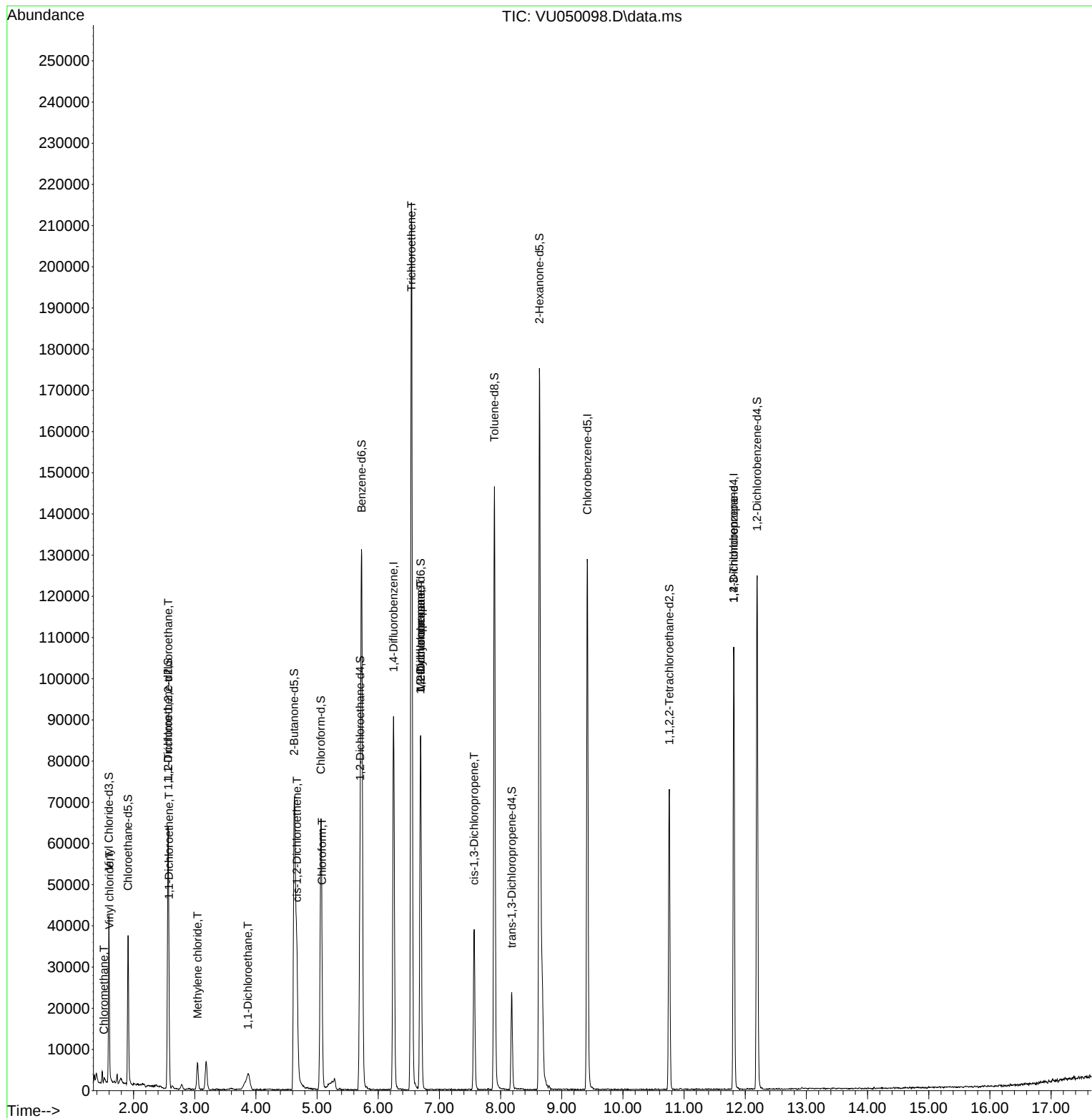
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	76333	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	75101	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	29487	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	28870	4.545	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	90.800%
7) Chloroethane-d5	1.909	69	26381	5.147	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	103.000%
11) 1,1-Dichloroethene-d2	2.565	65	11457	4.615	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	92.200%
20) 2-Butanone-d5	4.626	46	93438	60.317	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	120.640%
24) Chloroform-d	5.063	84	63531	5.377	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.600%
26) 1,2-Dichloroethane-d4	5.703	65	34161	5.631	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	112.600%
32) Benzene-d6	5.729	84	124448	5.310	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.200%
36) 1,2-Dichloropropane-d6	6.694	67	43635	5.654	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	113.000%
41) Toluene-d8	7.899	98	103281	4.990	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.800%
43) trans-1,3-Dichloroprop...	8.182	79	14549	5.261	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	105.200%
46) 2-Hexanone-d5	8.636	63	55959	57.058	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	114.120%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	38216	5.639	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	112.800%
66) 1,2-Dichlorobenzene-d4	12.195	152	35274	6.105	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	122.200%#
Target Compounds						Qvalue
3) Chloromethane	1.517	50	1118	0.122	ug/L	99
5) Vinyl chloride	1.604	62	785	0.096	ug/L #	24
10) 1,1,2-Trichloro-1,2,2-...	2.568	101	778	0.156	ug/L #	54
12) 1,1-Dichloroethene	2.578	96	2086	0.395	ug/L #	1
16) Methylene chloride	3.047	84	3360	0.417	ug/L	95
19) 1,1-Dichloroethane	3.870	63	1996	0.178	ug/L #	94
22) cis-1,2-Dichloroethene	4.671	96	13714	2.091	ug/L	95
25) Chloroform	5.079	83	430	0.036	ug/L #	45
34) Trichloroethene	6.542	95	76486	12.019	ug/L	98
35) Methylcyclohexane	6.694	83	9936	1.209	ug/L #	20
37) 1,2-Dichloropropane	6.690	63	4459	0.636	ug/L #	89
39) cis-1,3-Dichloropropene	7.568	75	927	0.101	ug/L #	64
61) 1,2,3-Trichloropropane	11.812	75	3466	0.863	ug/L #	68

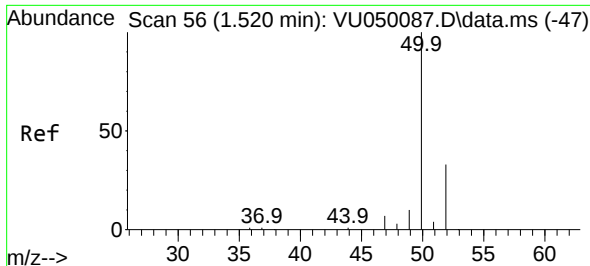
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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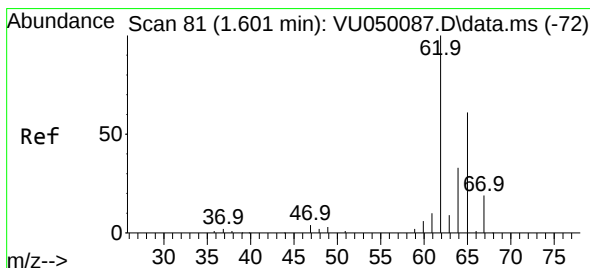
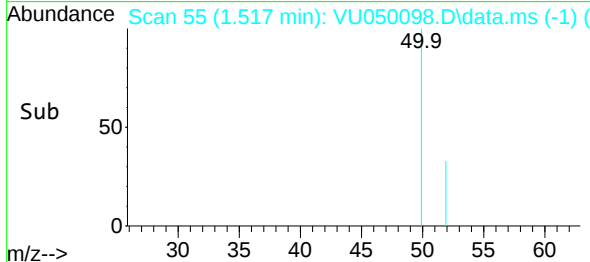
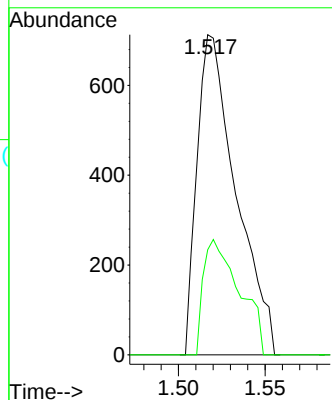
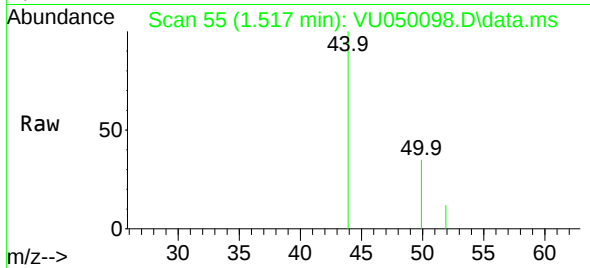




#3
Chloromethane
Concen: 0.122 ug/L
RT: 1.517 min Scan# 51
Delta R.T. -0.003 min
Lab File: VU050098.D
Acq: 05 Aug 2022 15:51

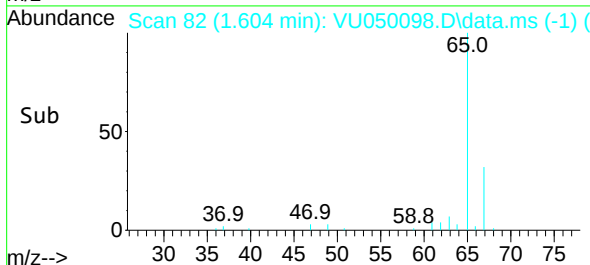
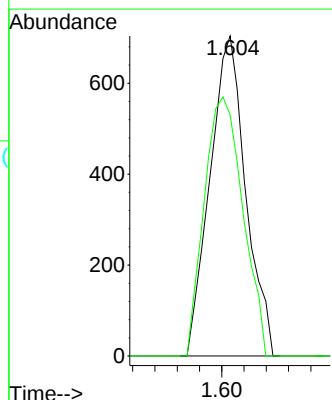
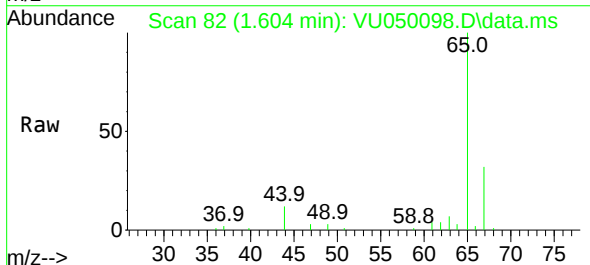
Instrument :
MSVOA_U
ClientSampleId :

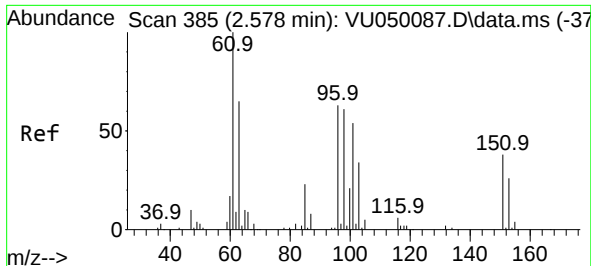
Tgt Ion: 50 Resp: 1118
Ion Ratio Lower Upper
50 100
52 32.8 23.2 43.2



#5
Vinyl chloride
Concen: 0.096 ug/L
RT: 1.604 min Scan# 82
Delta R.T. 0.003 min
Lab File: VU050098.D
Acq: 05 Aug 2022 15:51

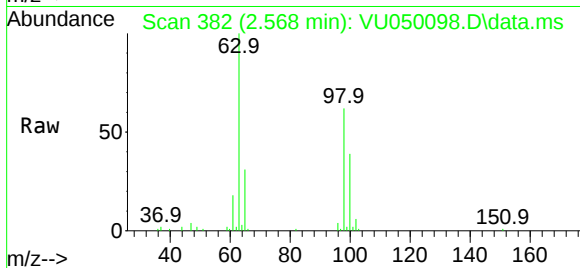
Tgt Ion: 62 Resp: 785
Ion Ratio Lower Upper
62 100
64 75.3 22.8 42.4



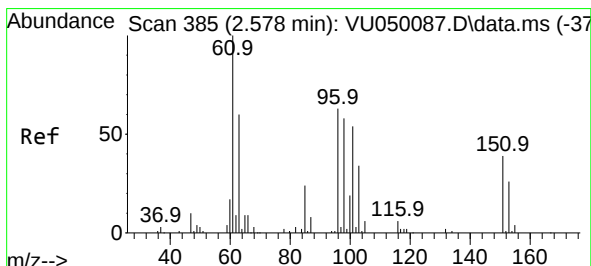
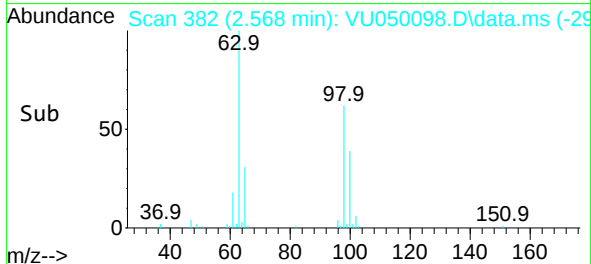
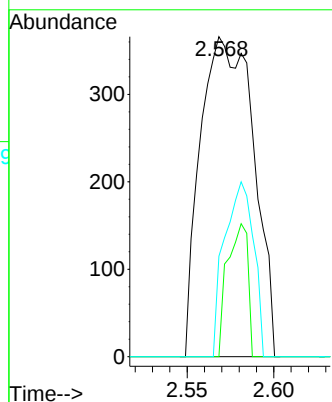


#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.156 ug/L
 RT: 2.568 min Scan# 382
 Delta R.T. -0.010 min
 Lab File: VU050098.D
 Acq: 05 Aug 2022 15:51

Instrument :
 MSVOA_U
 ClientSampleId :

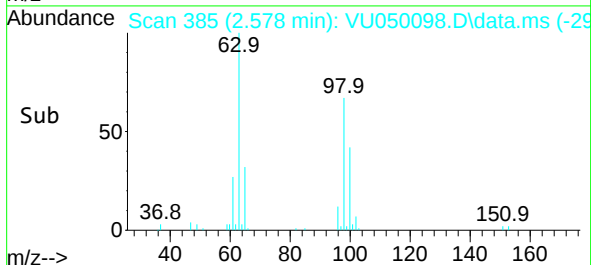
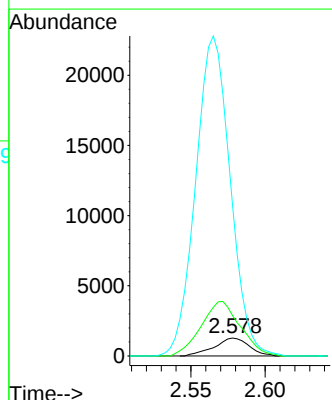
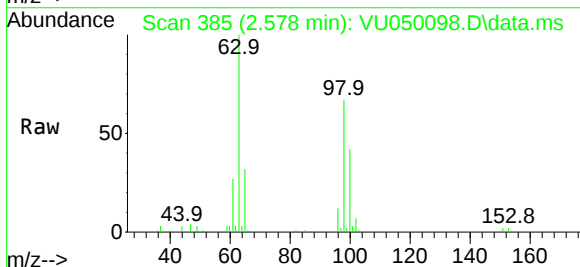


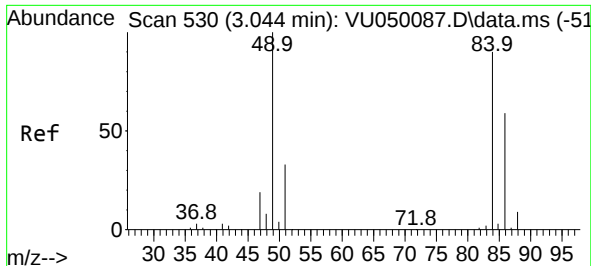
Tgt Ion:101 Resp: 778
 Ion Ratio Lower Upper
 101 100
 85 15.9 35.6 53.4#
 151 29.9 55.2 82.8#



#12
 1,1-Dichloroethene
 Concen: 0.395 ug/L
 RT: 2.578 min Scan# 385
 Delta R.T. -0.000 min
 Lab File: VU050098.D
 Acq: 05 Aug 2022 15:51

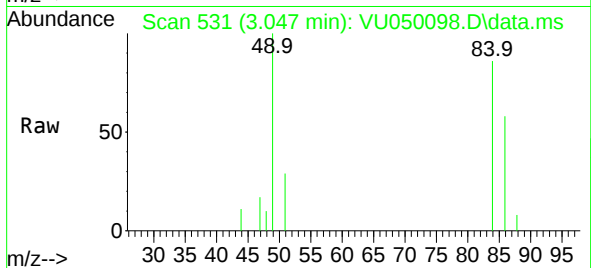
Tgt Ion: 96 Resp: 2086
 Ion Ratio Lower Upper
 96 100
 61 226.0 122.7 227.9
 63 843.8 85.1 158.1#



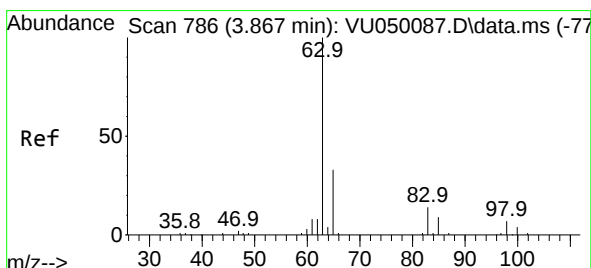
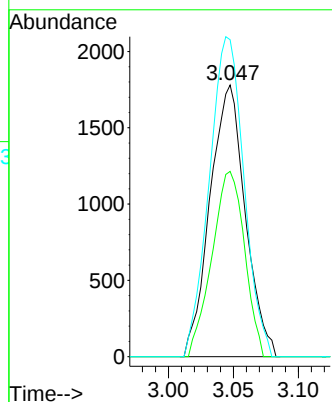
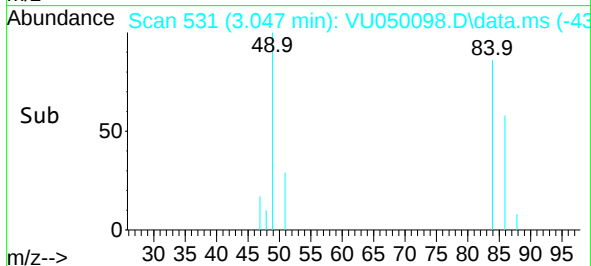


#16
Methylene chloride
Concen: 0.417 ug/L
RT: 3.047 min Scan# 51
Delta R.T. 0.003 min
Lab File: VU050098.D
Acq: 05 Aug 2022 15:51

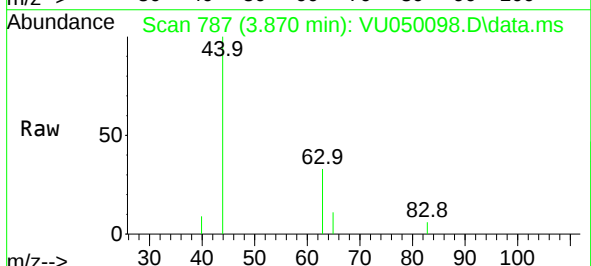
Instrument :
MSVOA_U
ClientSampleId :



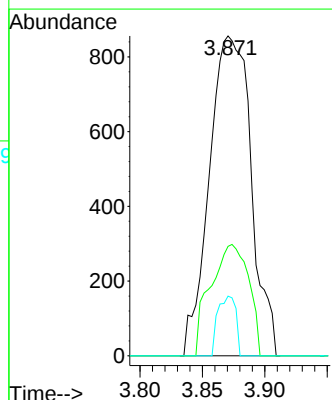
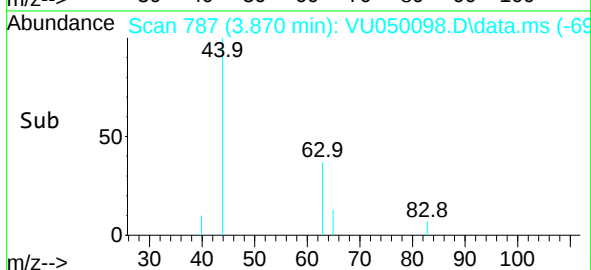
Tgt Ion: 84 Resp: 3360
Ion Ratio Lower Upper
84 100
86 68.2 45.9 85.3
49 116.7 77.6 144.0

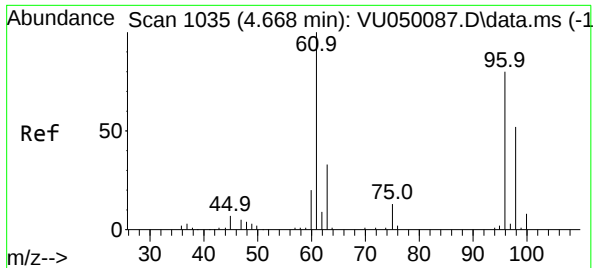


#19
1,1-Dichloroethane
Concen: 0.178 ug/L
RT: 3.870 min Scan# 787
Delta R.T. 0.003 min
Lab File: VU050098.D
Acq: 05 Aug 2022 15:51



Tgt Ion: 63 Resp: 1996
Ion Ratio Lower Upper
63 100
65 34.2 22.7 42.3
83 18.7 9.8 18.2#





#22

cis-1,2-Dichloroethene

Concen: 2.091 ug/L

RT: 4.671 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU050098.D

Acq: 05 Aug 2022 15:51

Instrument :

MSVOA_U

ClientSampleId :

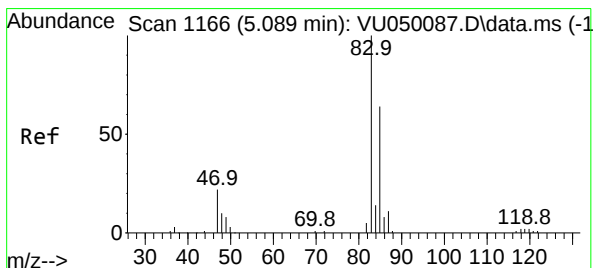
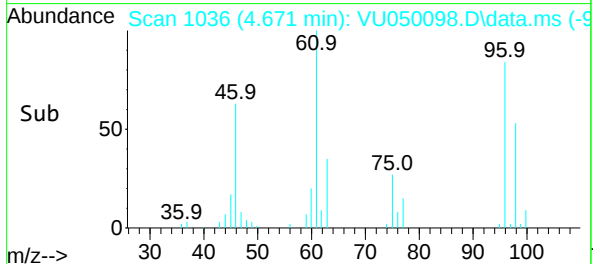
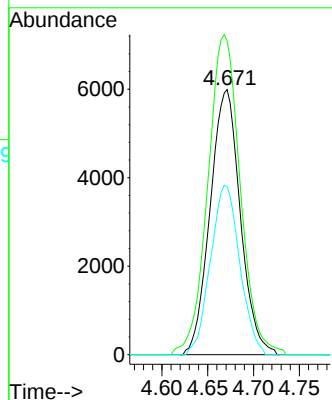
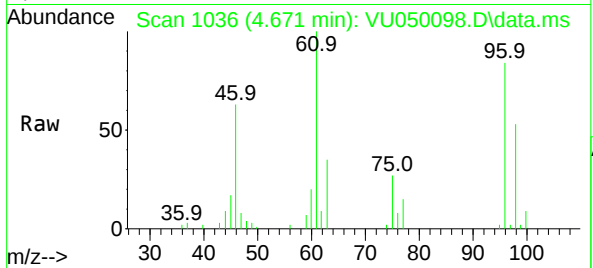
Tgt Ion: 96 Resp: 13714

Ion Ratio Lower Upper

96 100

61 118.6 89.0 165.4

98 63.4 45.2 84.0



#25

Chloroform

Concen: 0.036 ug/L

RT: 5.079 min Scan# 1163

Delta R.T. -0.010 min

Lab File: VU050098.D

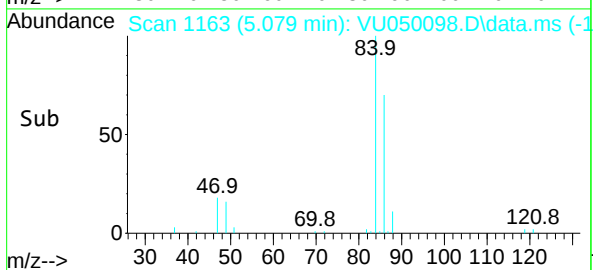
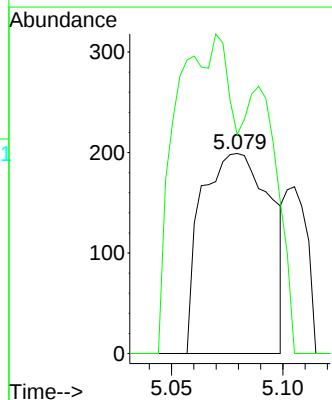
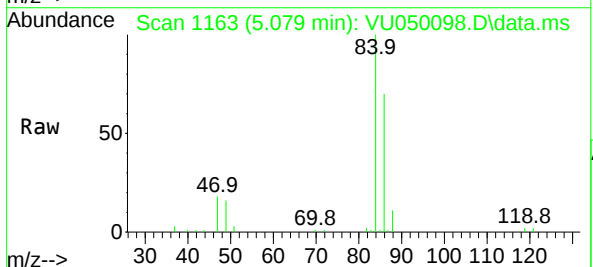
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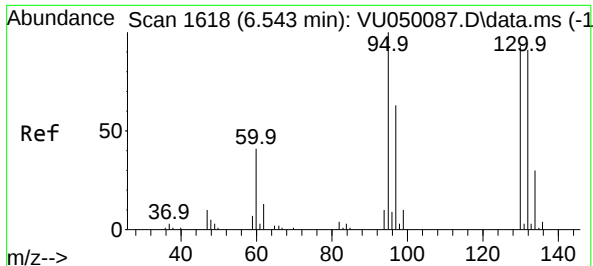
Tgt Ion: 83 Resp: 430

Ion Ratio Lower Upper

83 100

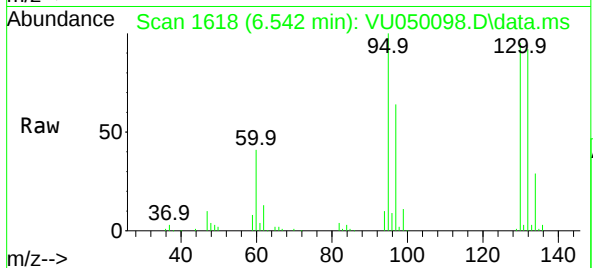
85 109.5 46.1 85.5#





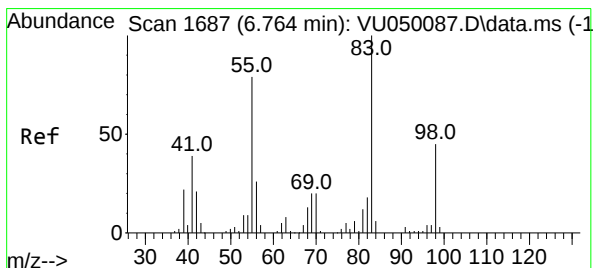
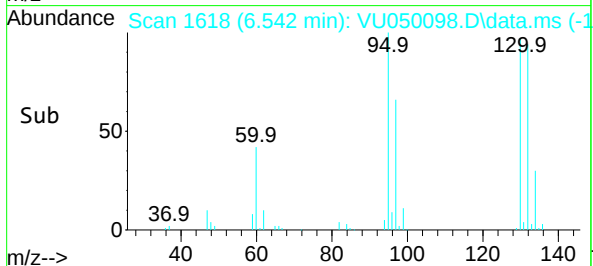
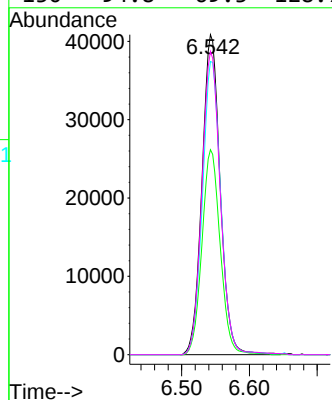
#34
Trichloroethene
Concen: 12.019 ug/L
RT: 6.542 min Scan# 1618
Delta R.T. -0.000 min
Lab File: VU050098.D
Acq: 05 Aug 2022 15:51

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 95 Resp: 76486

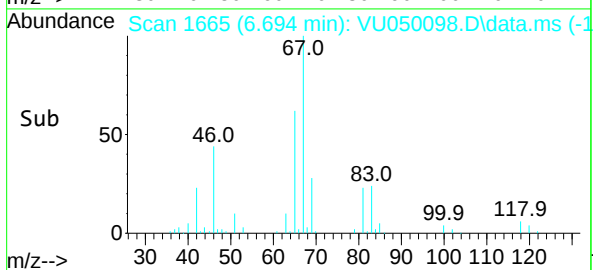
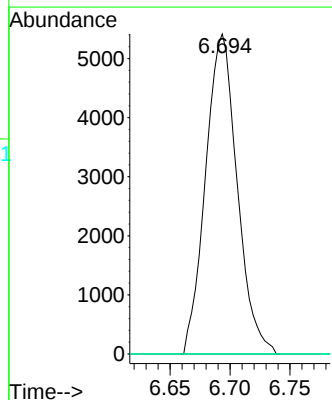
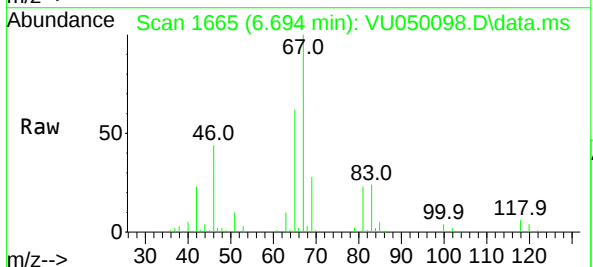
Ion	Ratio	Lower	Upper
95	100		
97	64.0	45.6	84.8
132	91.6	65.0	120.6
130	94.8	69.3	128.7

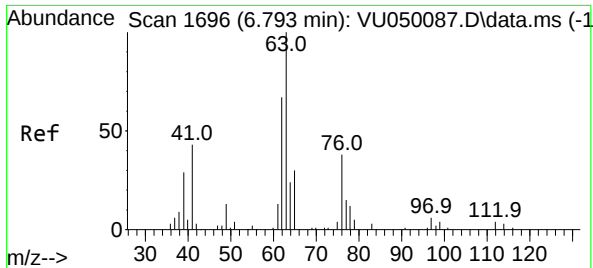


#35
Methylcyclohexane
Concen: 1.209 ug/L
RT: 6.694 min Scan# 1665
Delta R.T. -0.071 min
Lab File: VU050098.D
Acq: 05 Aug 2022 15:51

Tgt Ion: 83 Resp: 9936

Ion	Ratio	Lower	Upper
83	100		
55	0.0	62.7	94.1#
98	4.7	36.2	54.2#





#37

1,2-Dichloropropane

Concen: 0.636 ug/L

RT: 6.690 min Scan# 1

Delta R.T. -0.103 min

Lab File: VU050098.D

Acq: 05 Aug 2022 15:51

Instrument :

MSVOA_U

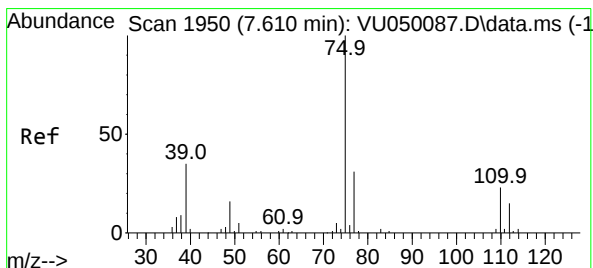
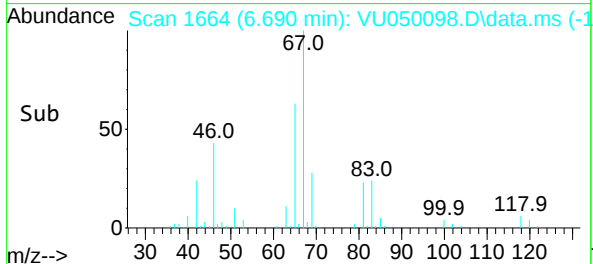
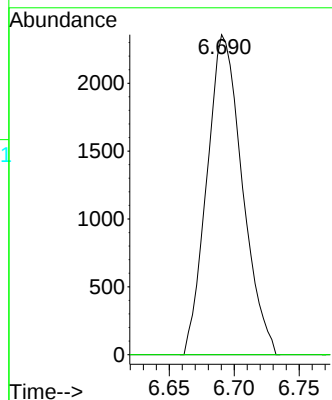
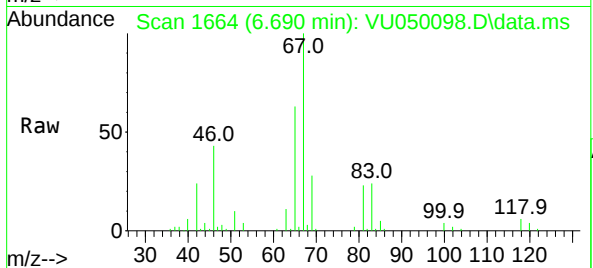
ClientSampleId :

Tgt Ion: 63 Resp: 4459

Ion Ratio Lower Upper

63 100

112 0.0 3.0 4.4#



#39

cis-1,3-Dichloropropene

Concen: 0.101 ug/L

RT: 7.568 min Scan# 1937

Delta R.T. -0.042 min

Lab File: VU050098.D

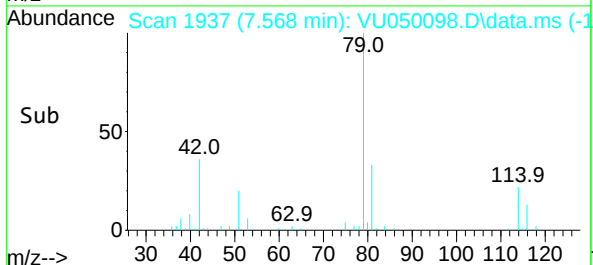
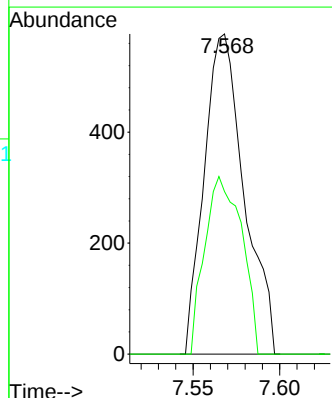
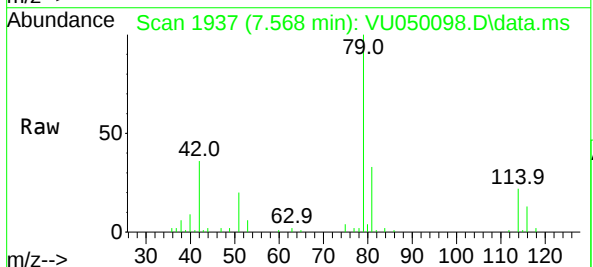
Acq: 05 Aug 2022 15:51

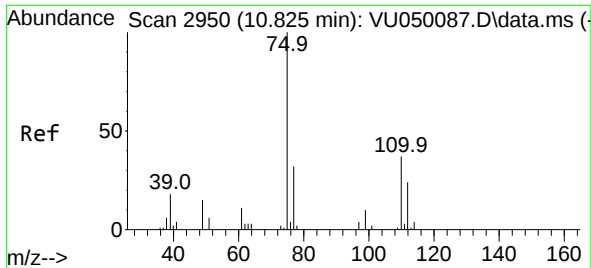
Tgt Ion: 75 Resp: 927

Ion Ratio Lower Upper

75 100

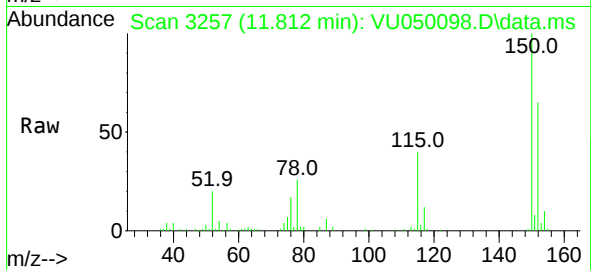
77 50.8 21.8 40.4#





#61
 1,2,3-Trichloropropane
 Concen: 0.863 ug/L
 RT: 11.812 min Scan# 31
 Delta R.T. 0.987 min
 Lab File: VU050098.D
 Acq: 05 Aug 2022 15:51

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
75	100		
110	0.0	28.5	42.7#
77	32.5	25.8	38.6

