

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU080522\
 Data File : VU050097.D
 Acq On : 05 Aug 2022 15:26
 Operator : SY/MD
 Sample : N4027-08DL 10X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Aug 06 04:35:50 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)

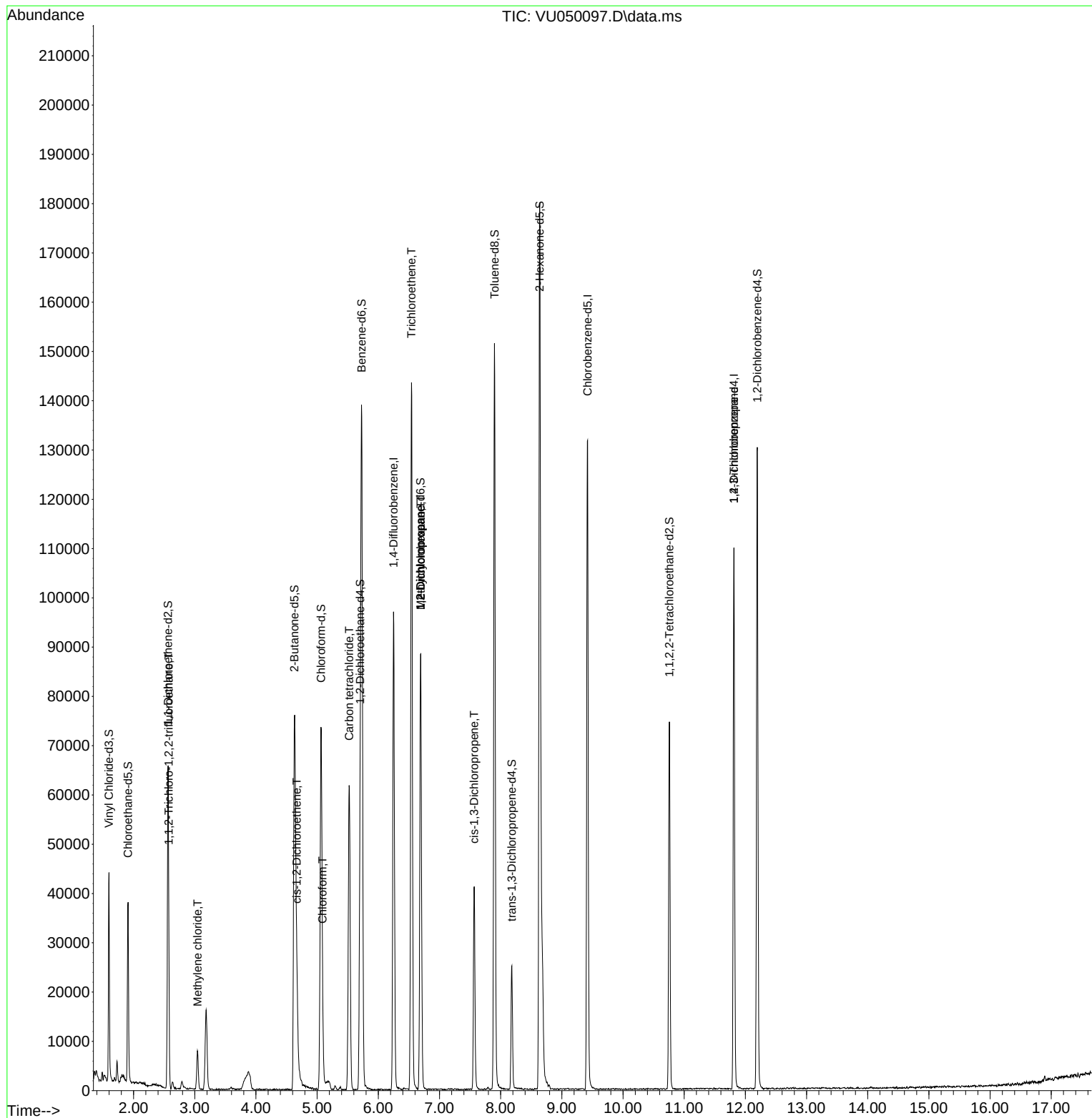
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	79707	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	78897	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	30262	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	30973	4.669	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	93.400%	
7) Chloroethane-d5	1.909	69	27618	5.161	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	103.200%	
11) 1,1-Dichloroethene-d2	2.562	65	12181	4.699	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	94.000%	
20) 2-Butanone-d5	4.629	46	94004	58.114	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	116.220%	
24) Chloroform-d	5.063	84	67915	5.504	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	110.000%	
26) 1,2-Dichloroethane-d4	5.703	65	35823	5.655	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	113.000%	
32) Benzene-d6	5.729	84	131546	5.343	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	106.800%	
36) 1,2-Dichloropropane-d6	6.690	67	45891	5.660	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	113.200%	
41) Toluene-d8	7.899	98	106709	4.907	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	98.200%	
43) trans-1,3-Dichloroprop...	8.182	79	15400	5.300	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	106.000%	
46) 2-Hexanone-d5	8.636	63	56874	55.201	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	110.400%	
56) 1,1,2,2-Tetrachloroeth...	10.758	84	39090	5.490	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	109.800%	
66) 1,2-Dichlorobenzene-d4	12.195	152	36498	6.156	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	123.200%#	
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	841	0.161	ug/L #	53
16) Methylene chloride	3.044	84	4050	0.481	ug/L	91
22) cis-1,2-Dichloroethene	4.668	96	6046	0.883	ug/L	95
25) Chloroform	5.089	83	6560	0.527	ug/L	94
31) Carbon tetrachloride	5.523	117	44065	5.554	ug/L	99
34) Trichloroethene	6.542	95	51203	7.659	ug/L	98
35) Methylcyclohexane	6.693	83	10226	1.185	ug/L #	18
37) 1,2-Dichloropropane	6.693	63	4255	0.578	ug/L #	89
39) cis-1,3-Dichloropropene	7.565	75	945	0.098	ug/L #	53
61) 1,2,3-Trichloropropane	11.812	75	3677	0.892	ug/L #	67

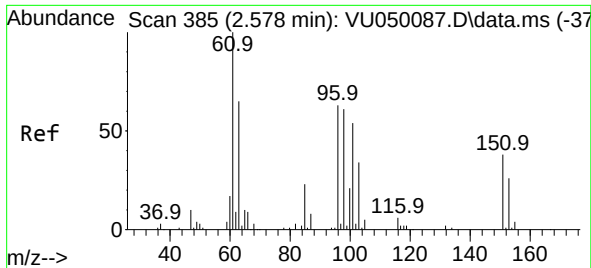
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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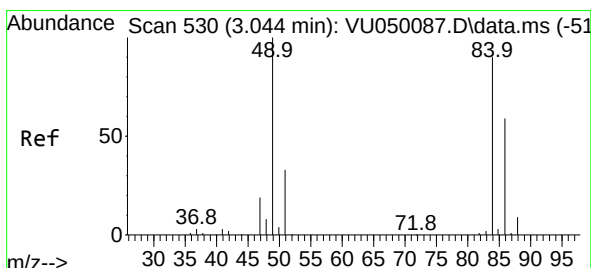
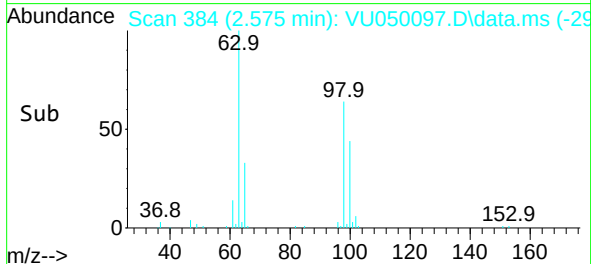
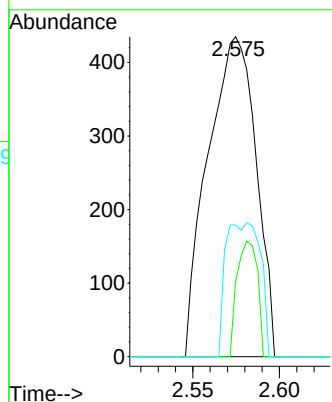
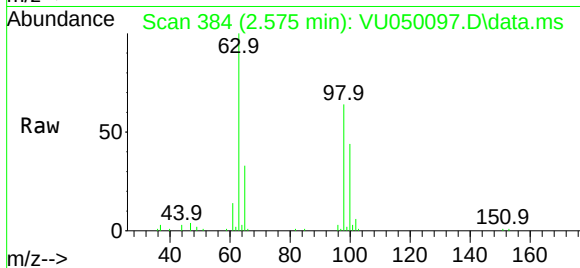




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.161 ug/L
RT: 2.575 min Scan# 384
Delta R.T. -0.003 min
Lab File: VU050097.D
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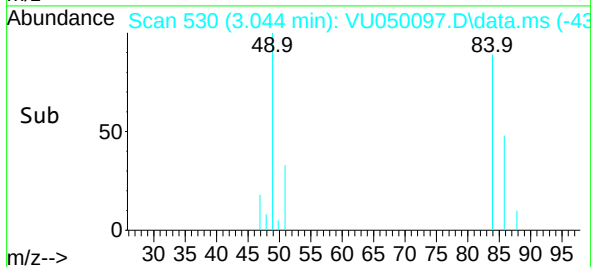
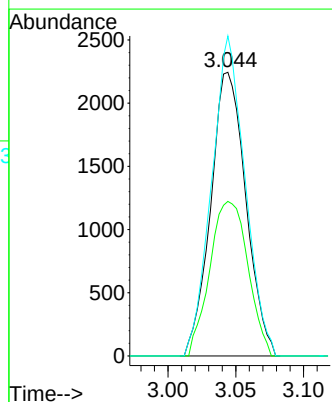
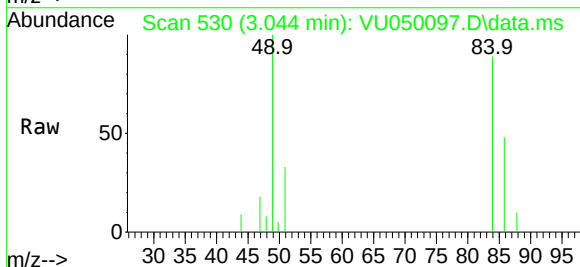
Instrument :
MSVOA_U
ClientSampleId :

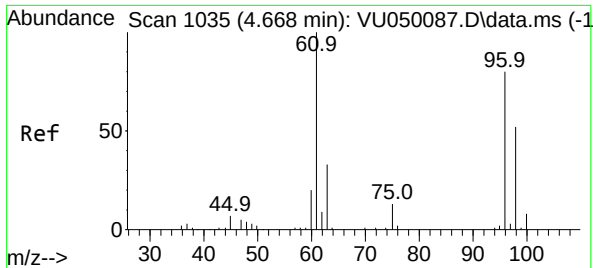
Tgt Ion:101 Resp: 841
Ion Ratio Lower Upper
101 100
85 15.2 35.6 53.4#
151 30.2 55.2 82.8#



#16
Methylene chloride
Concen: 0.481 ug/L
RT: 3.044 min Scan# 530
Delta R.T. -0.000 min
Lab File: VU050097.D
Acq: 05 Aug 2022 15:26

Tgt Ion: 84 Resp: 4050
Ion Ratio Lower Upper
84 100
86 54.5 45.9 85.3
49 117.9 77.6 144.0





#22

cis-1,2-Dichloroethene

Concen: 0.883 ug/L

RT: 4.668 min Scan# 1035

Delta R.T. -0.000 min

Lab File: VU050097.D

Acq: 05 Aug 2022 15:26

Instrument :

MSVOA_U

ClientSampleId :

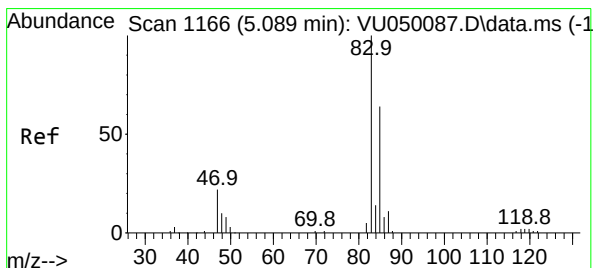
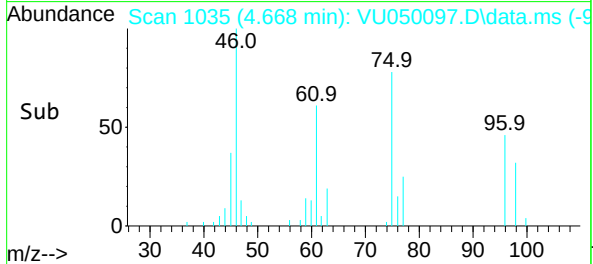
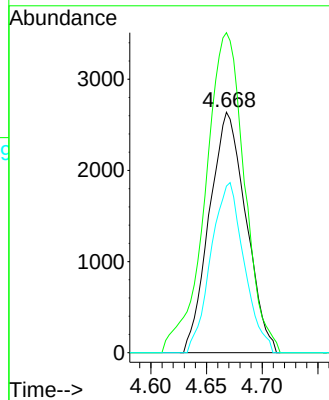
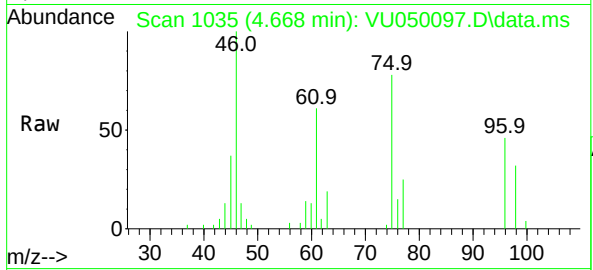
Tgt Ion: 96 Resp: 6046

Ion Ratio Lower Upper

96 100

61 133.0 89.0 165.4

98 69.2 45.2 84.0



#25

Chloroform

Concen: 0.527 ug/L

RT: 5.089 min Scan# 1166

Delta R.T. -0.000 min

Lab File: VU050097.D

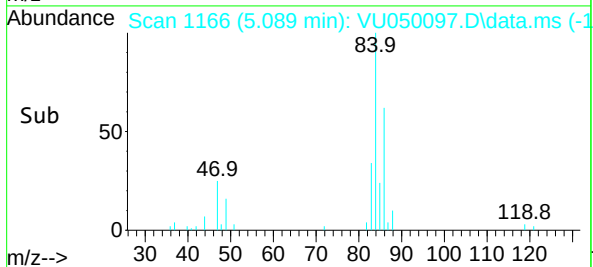
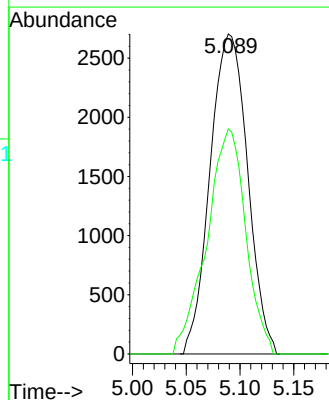
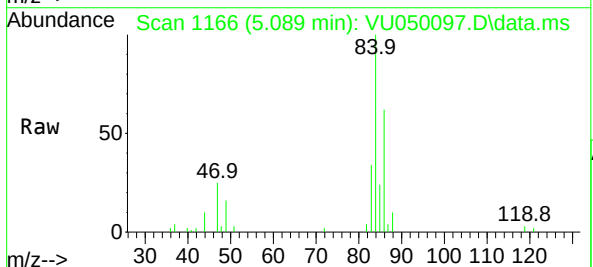
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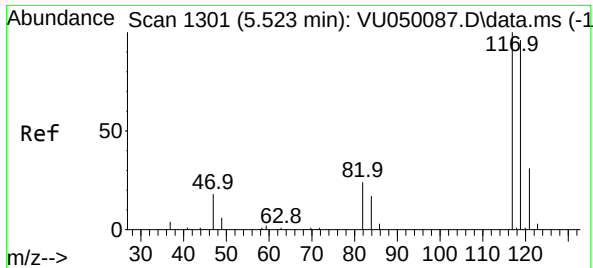
Tgt Ion: 83 Resp: 6560

Ion Ratio Lower Upper

83 100

85 70.3 46.1 85.5

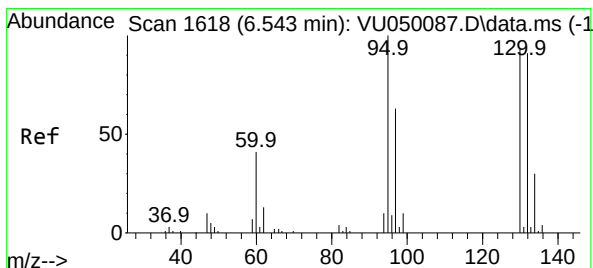
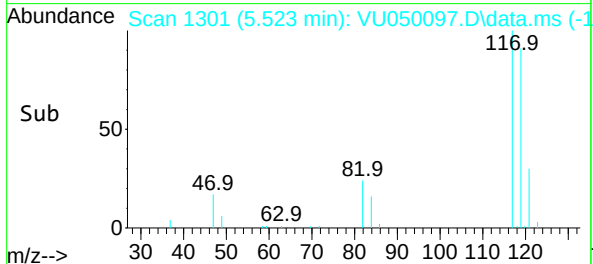
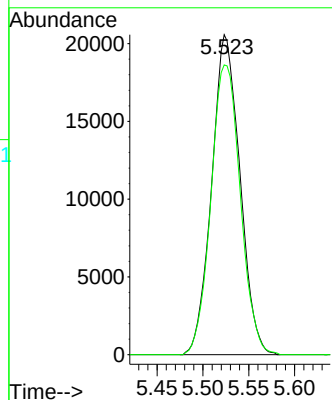
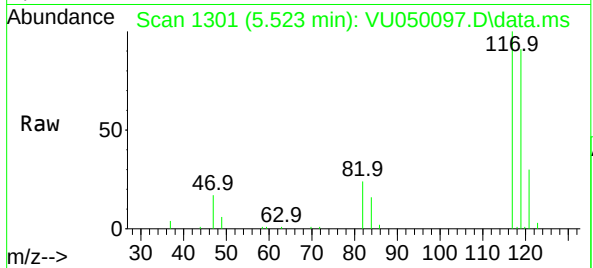




#31
Carbon tetrachloride
Concen: 5.554 ug/L
RT: 5.523 min Scan# 117
Delta R.T. -0.000 min
Lab File: VU050097.D
Acq: 05 Aug 2022 15:26

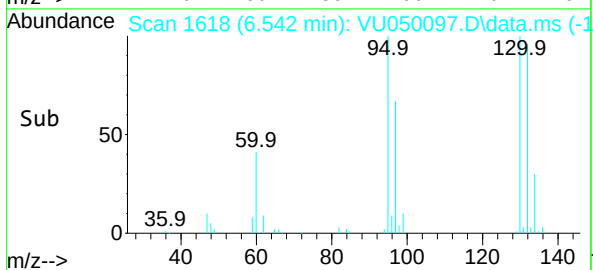
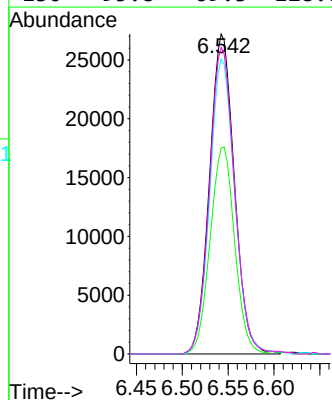
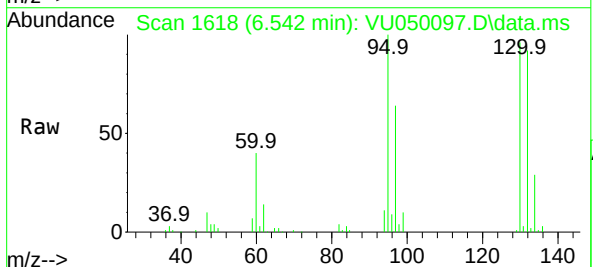
Instrument :
MSVOA_U
ClientSampleId :

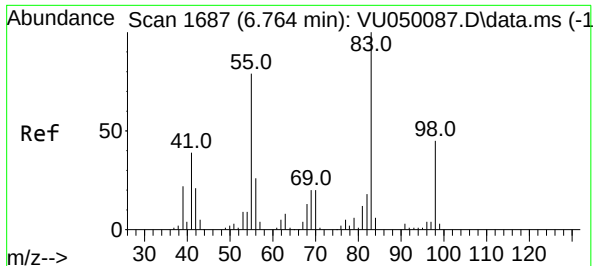
Tgt Ion:117 Resp: 44065
Ion Ratio Lower Upper
117 100
119 94.3 76.0 114.0



#34
Trichloroethene
Concen: 7.659 ug/L
RT: 6.542 min Scan# 1618
Delta R.T. -0.000 min
Lab File: VU050097.D
Acq: 05 Aug 2022 15:26

Tgt Ion: 95 Resp: 51203
Ion Ratio Lower Upper
95 100
97 64.3 45.6 84.8
132 92.2 65.0 120.6
130 95.8 69.3 128.7





#35

Methylcyclohexane

Concen: 1.185 ug/L

RT: 6.693 min Scan# 1665

Delta R.T. -0.071 min

Lab File: VU050097.D

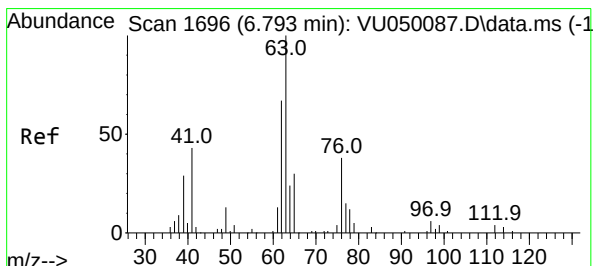
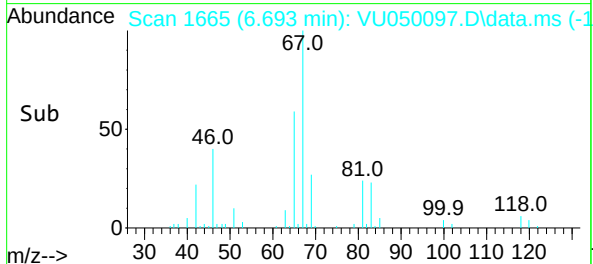
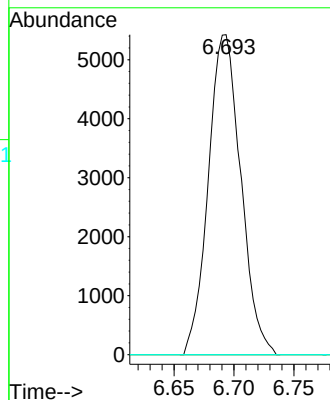
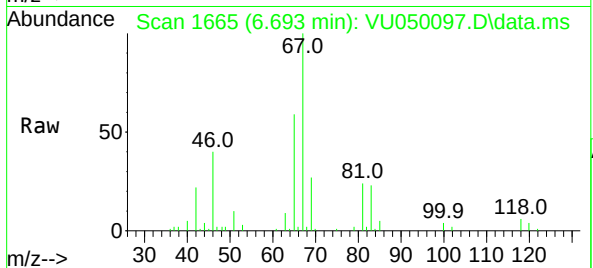
Acq: 05 Aug 2022 15:26

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 83	Resp: 10226
Ion Ratio	Lower Upper
83 100	
55 0.0	62.7 94.1#
98 0.0	36.2 54.2#



#37

1,2-Dichloropropane

Concen: 0.578 ug/L

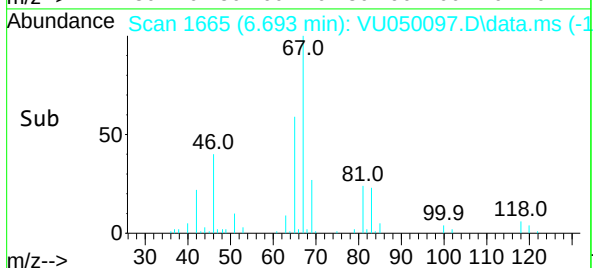
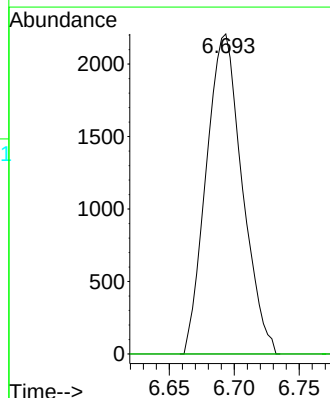
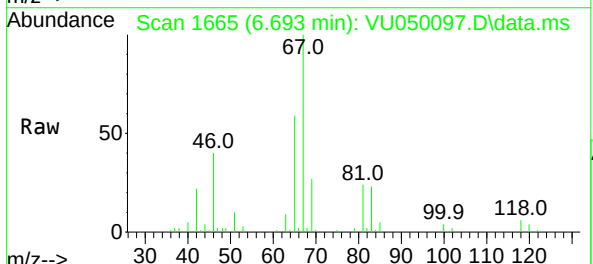
RT: 6.693 min Scan# 1665

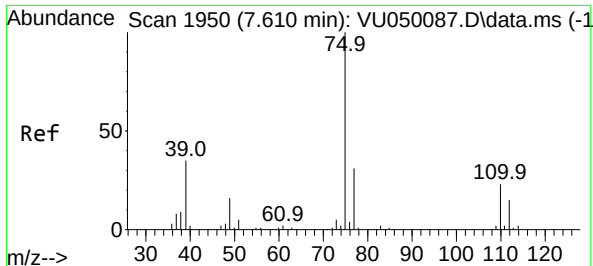
Delta R.T. -0.100 min

Lab File: VU050097.D

Acq: 05 Aug 2022 15:26

Tgt Ion: 63	Resp: 4255
Ion Ratio	Lower Upper
63 100	
112 0.0	3.0 4.4#





#39

cis-1,3-Dichloropropene

Concen: 0.098 ug/L

RT: 7.565 min Scan# 19

Delta R.T. -0.045 min

Lab File: VU050097.D

Acq: 05 Aug 2022 15:26

Instrument :

MSVOA_U

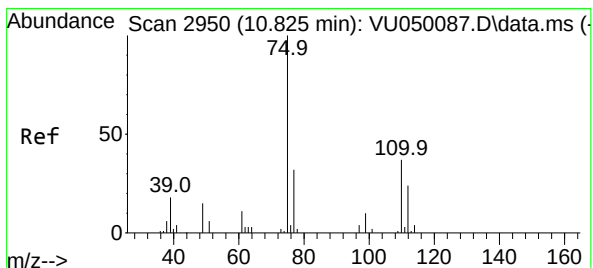
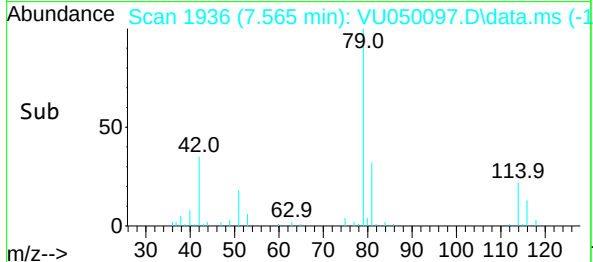
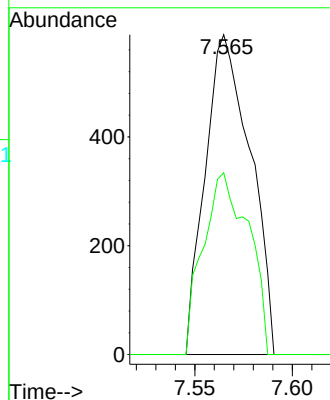
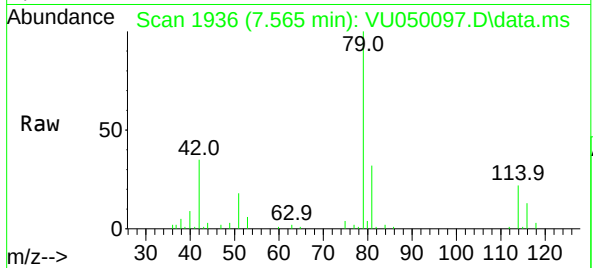
ClientSampleId :

Tgt Ion: 75 Resp: 945

Ion Ratio Lower Upper

75 100

77 56.8 21.8 40.4#



#61

1,2,3-Trichloropropane

Concen: 0.892 ug/L

RT: 11.812 min Scan# 3257

Delta R.T. 0.987 min

Lab File: VU050097.D

Acq: 05 Aug 2022 15:26

Tgt Ion: 75 Resp: 3677

Ion Ratio Lower Upper

75 100

110 0.0 28.5 42.7#

77 31.0 25.8 38.6

