

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU080522\
 Data File : VU050091.D
 Acq On : 05 Aug 2022 12:27
 Operator : SY/MD
 Sample : N4022-08DL 5X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Aug 06 04:34:11 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)

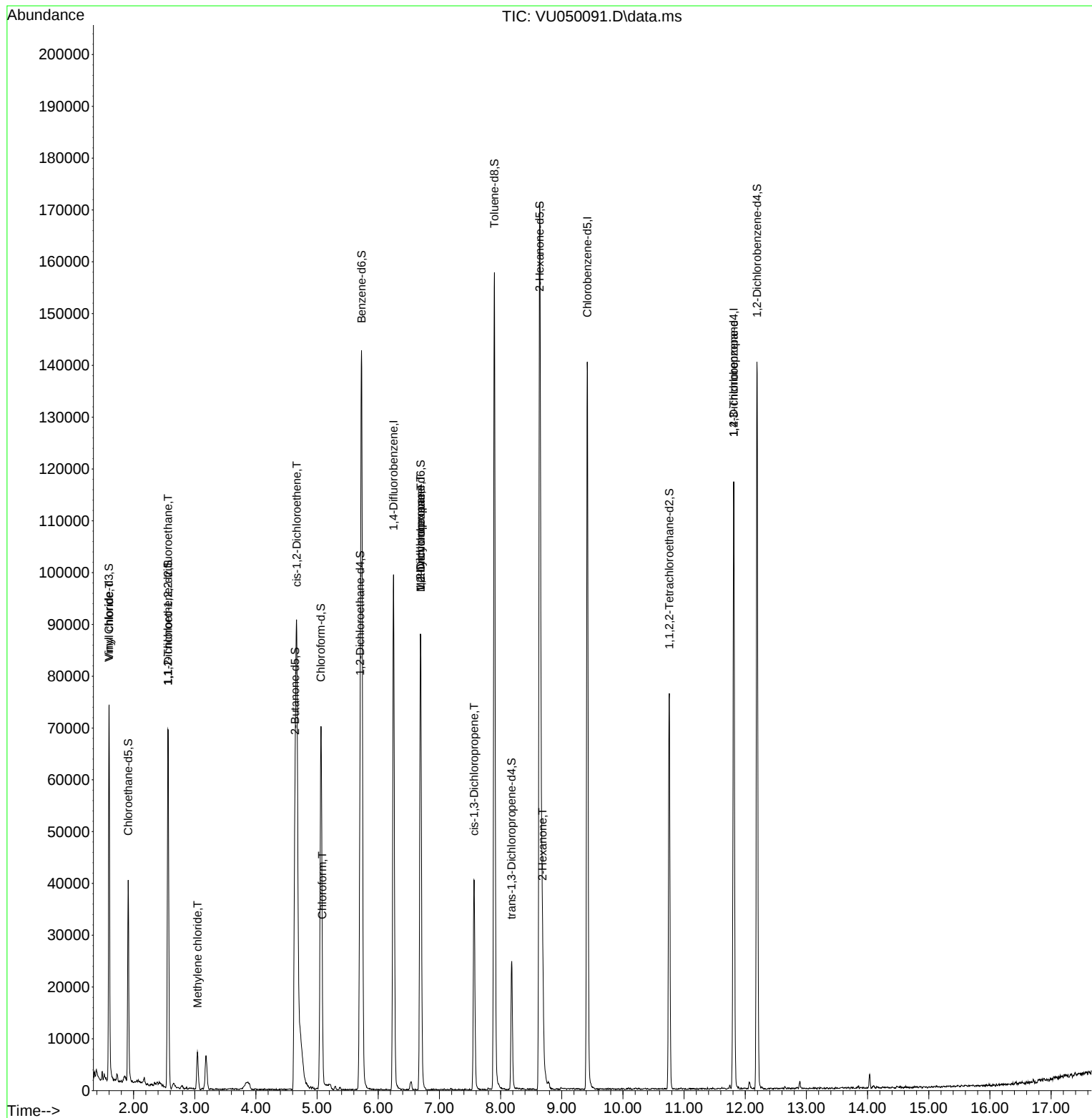
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	83443	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	83615	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	32368	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	32551	4.688	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	93.800%	
7) Chloroethane-d5	1.912	69	28318	5.055	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	101.000%	
11) 1,1-Dichloroethene-d2	2.562	65	12965	4.777	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	95.600%	
20) 2-Butanone-d5	4.639	46	106832	63.087	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	126.180%	
24) Chloroform-d	5.063	84	68483	5.302	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	106.000%	
26) 1,2-Dichloroethane-d4	5.703	65	36757	5.543	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	110.800%	
32) Benzene-d6	5.729	84	136252	5.222	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	104.400%	
36) 1,2-Dichloropropane-d6	6.694	67	47020	5.472	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	109.400%	
41) Toluene-d8	7.899	98	112149	4.866	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	97.400%	
43) trans-1,3-Dichloroprop...	8.179	79	15905	5.165	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	103.400%	
46) 2-Hexanone-d5	8.639	63	61390	56.222	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	112.440%	
56) 1,1,2,2-Tetrachloroeth...	10.758	84	41029	5.437	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	108.800%	
66) 1,2-Dichlorobenzene-d4	12.192	152	38058	6.001	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	120.000%	
Target Compounds						Qvalue
5) Vinyl chloride	1.601	62	24846	2.772	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.565	101	298	0.055	ug/L #	22
16) Methylene chloride	3.044	84	3583	0.407	ug/L	98
22) cis-1,2-Dichloroethene	4.668	96	33334	4.650	ug/L	99
25) Chloroform	5.086	83	459	0.035	ug/L #	60
35) Methylcyclohexane	6.694	83	10710	1.171	ug/L #	18
37) 1,2-Dichloropropane	6.690	63	4692	0.601	ug/L #	89
39) cis-1,3-Dichloropropene	7.568	75	954	0.094	ug/L #	36
48) 2-Hexanone	8.687	43	15083	4.315	ug/L #	84
61) 1,2,3-Trichloropropane	11.812	75	3929	0.891	ug/L #	59

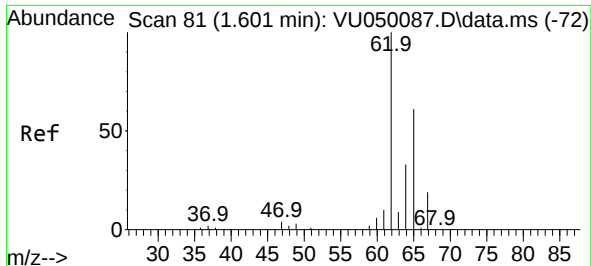
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

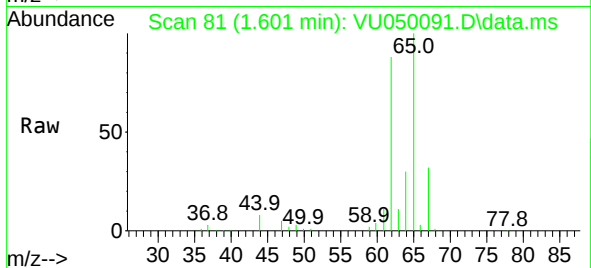
Quant Time: Aug 06 04:34:11 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR080422WMA.M
Quant Title : TRACE VOA SFAM1.0
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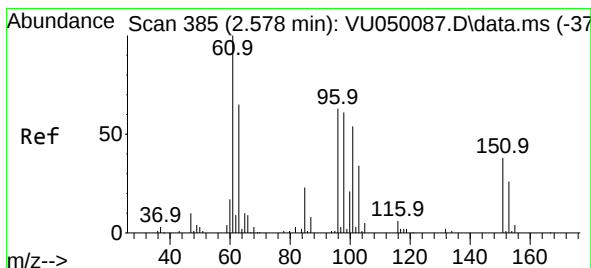
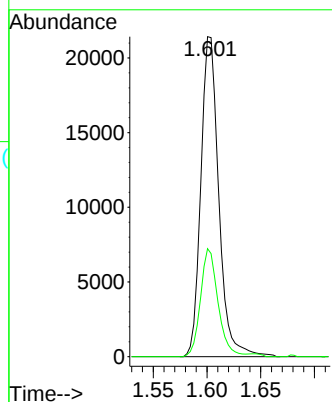
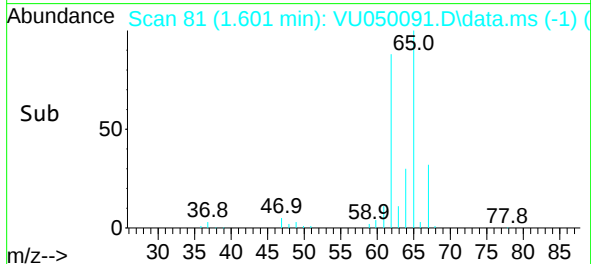


#5
 Vinyl chloride
 Concen: 2.772 ug/L
 RT: 1.601 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: VU050091.D
 Acq: 05 Aug 2022 12:27

Instrument :
 MSVOA_U
 ClientSampleId :

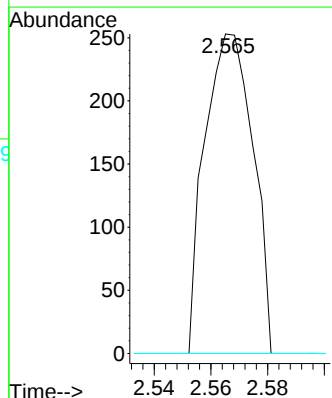
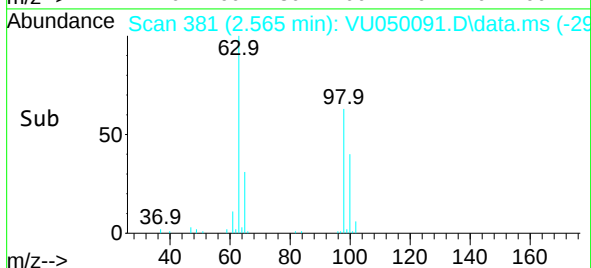
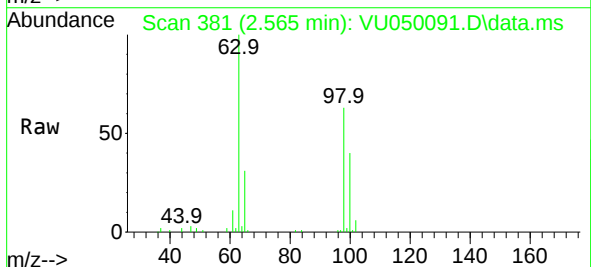


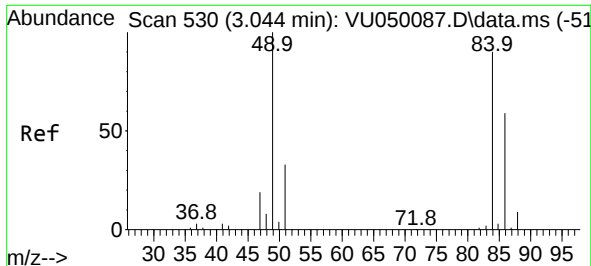
Tgt Ion: 62 Resp: 24846
 Ion Ratio Lower Upper
 62 100
 64 33.8 22.8 42.4



#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.055 ug/L
 RT: 2.565 min Scan# 381
 Delta R.T. -0.013 min
 Lab File: VU050091.D
 Acq: 05 Aug 2022 12:27

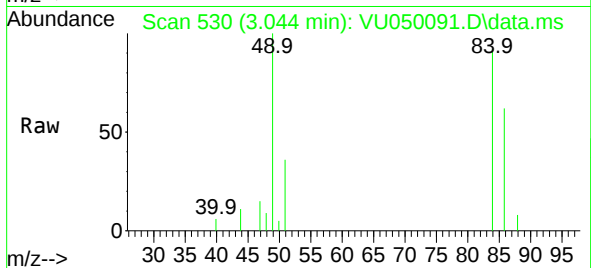
Tgt Ion: 101 Resp: 298
 Ion Ratio Lower Upper
 101 100
 85 0.0 35.6 53.4#
 151 0.0 55.2 82.8#



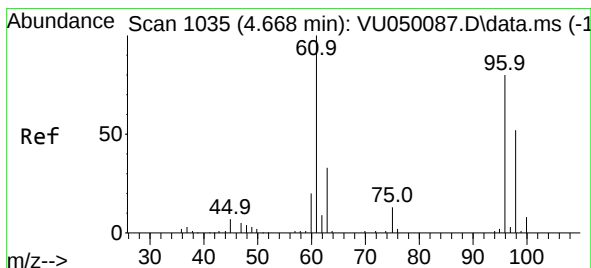
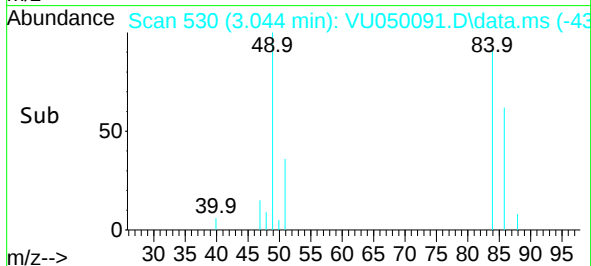
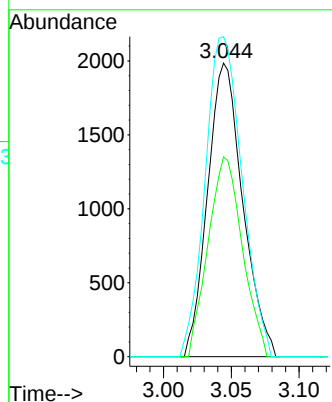


#16
Methylene chloride
Concen: 0.407 ug/L
RT: 3.044 min Scan# 51
Delta R.T. -0.000 min
Lab File: VU050091.D
Acq: 05 Aug 2022 12:27

Instrument :
MSVOA_U
ClientSampleId :

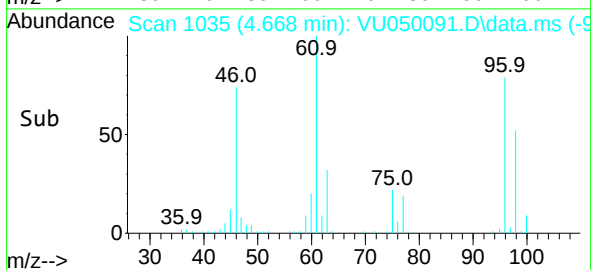
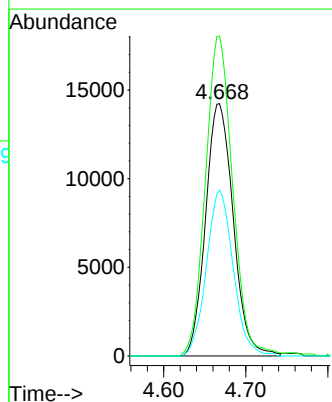
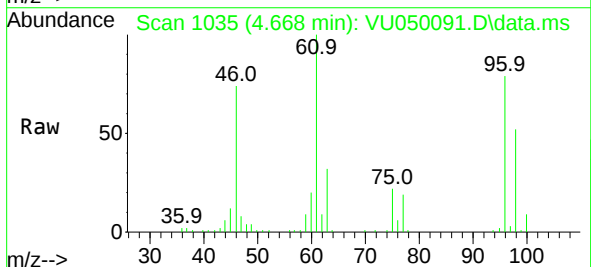


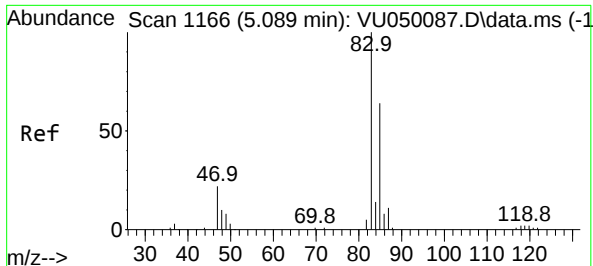
Tgt Ion: 84 Resp: 3583
Ion Ratio Lower Upper
84 100
86 68.0 45.9 85.3
49 109.0 77.6 144.0



#22
cis-1,2-Dichloroethene
Concen: 4.650 ug/L
RT: 4.668 min Scan# 1035
Delta R.T. -0.000 min
Lab File: VU050091.D
Acq: 05 Aug 2022 12:27

Tgt Ion: 96 Resp: 33334
Ion Ratio Lower Upper
96 100
61 126.8 89.0 165.4
98 65.8 45.2 84.0





#25

Chloroform

Concen: 0.035 ug/L

RT: 5.086 min Scan# 1165

Delta R.T. -0.003 min

Lab File: VU050091.D

Acq: 05 Aug 2022 12:27

Instrument :

MSVOA_U

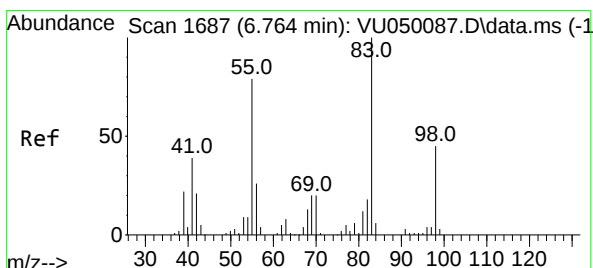
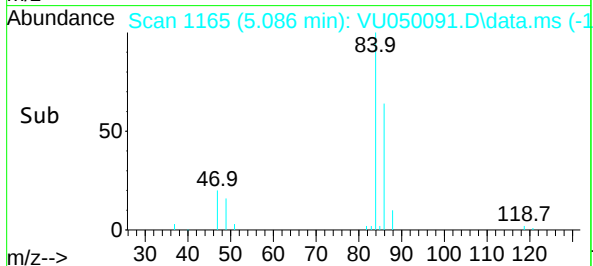
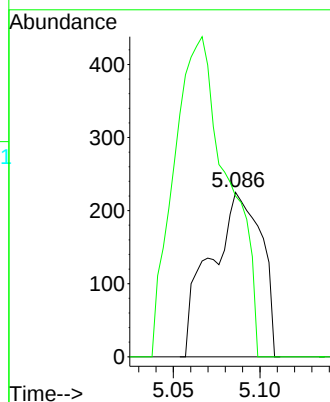
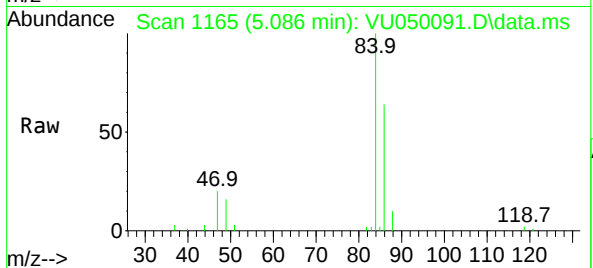
ClientSampleId :

Tgt Ion: 83 Resp: 459

Ion Ratio Lower Upper

83 100

85 97.8 46.1 85.5#



#35

Methylcyclohexane

Concen: 1.171 ug/L

RT: 6.694 min Scan# 1665

Delta R.T. -0.071 min

Lab File: VU050091.D

Acq: 05 Aug 2022 12:27

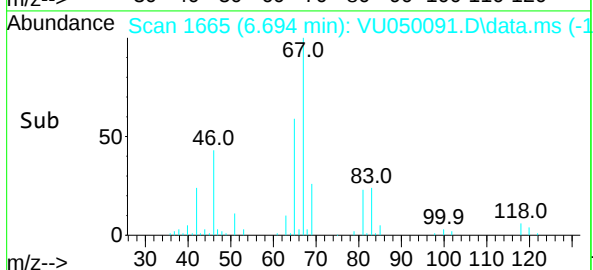
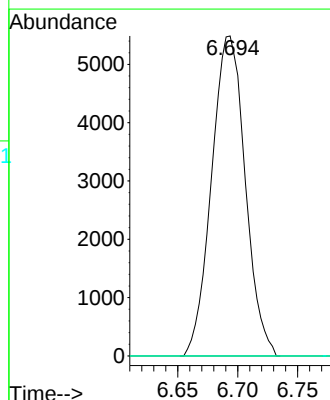
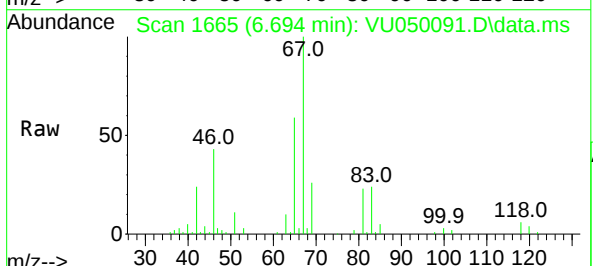
Tgt Ion: 83 Resp: 10710

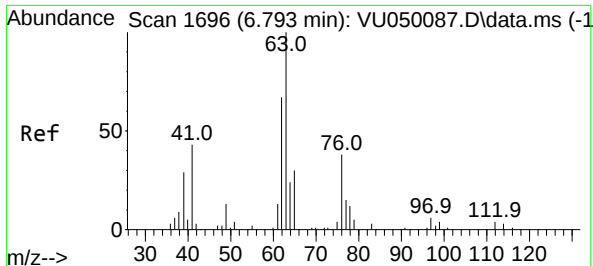
Ion Ratio Lower Upper

83 100

55 0.0 62.7 94.1#

98 0.8 36.2 54.2#





#37

1,2-Dichloropropane

Concen: 0.601 ug/L

RT: 6.690 min Scan# 1

Delta R.T. -0.103 min

Lab File: VU050091.D

Acq: 05 Aug 2022 12:27

Instrument :

MSVOA_U

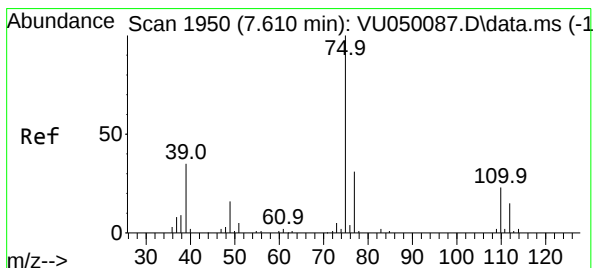
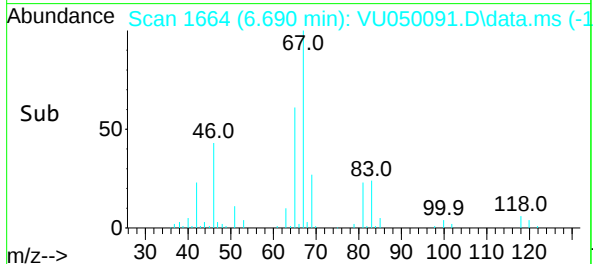
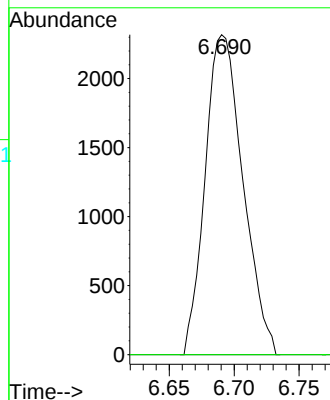
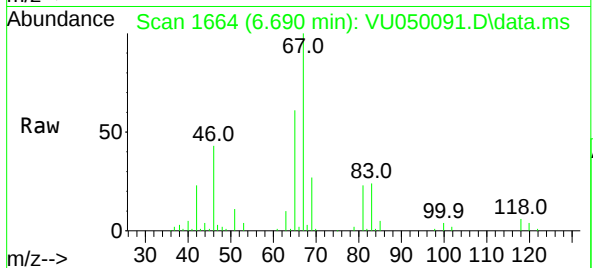
ClientSampleId :

Tgt Ion: 63 Resp: 4692

Ion Ratio Lower Upper

63 100

112 0.0 3.0 4.4#



#39

cis-1,3-Dichloropropene

Concen: 0.094 ug/L

RT: 7.568 min Scan# 1937

Delta R.T. -0.042 min

Lab File: VU050091.D

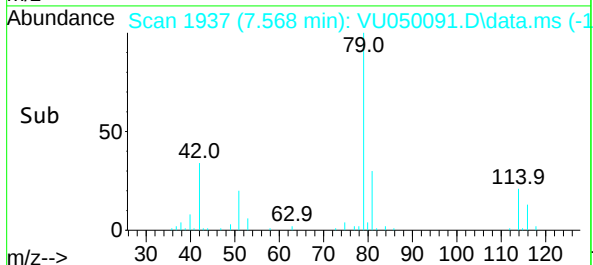
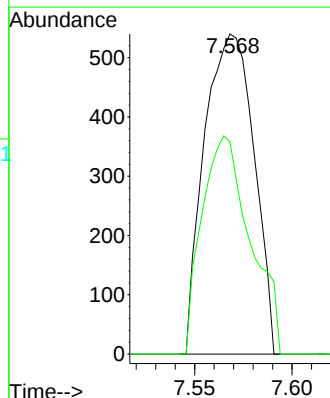
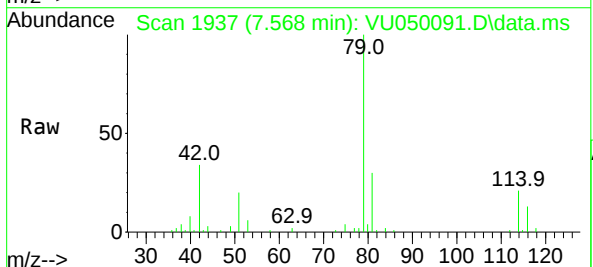
Acq: 05 Aug 2022 12:27

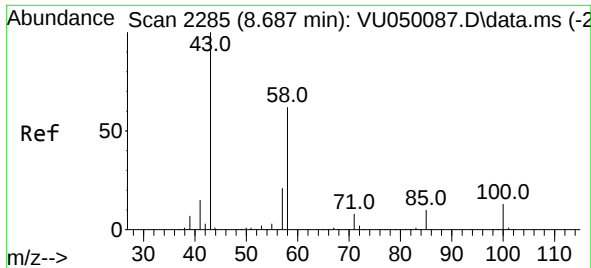
Tgt Ion: 75 Resp: 954

Ion Ratio Lower Upper

75 100

77 66.3 21.8 40.4#

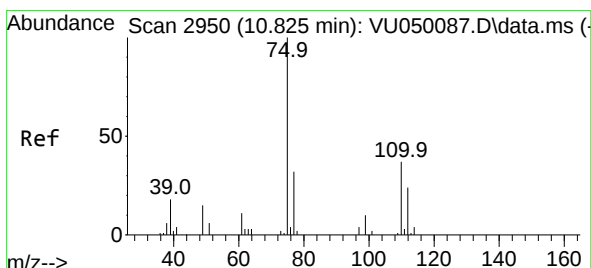
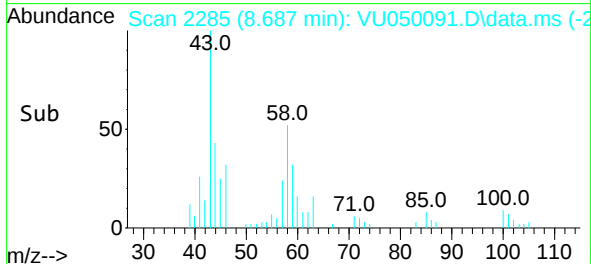
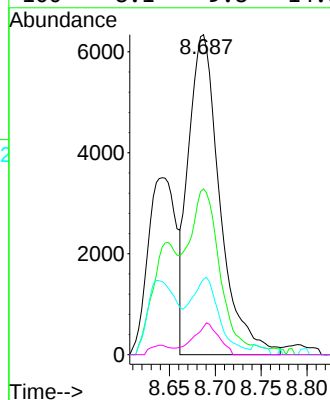
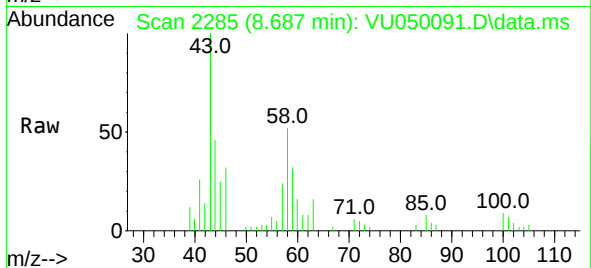




#48
2-Hexanone
Concen: 4.315 ug/L
RT: 8.687 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU050091.D
Acq: 05 Aug 2022 12:27

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:	43	Resp:	15083
Ion	Ratio	Lower	Upper
43	100		
58	47.3	50.6	76.0#
57	22.3	16.0	24.0
100	8.1	9.8	14.8#



#61
1,2,3-Trichloropropane
Concen: 0.891 ug/L
RT: 11.812 min Scan# 3257
Delta R.T. 0.987 min
Lab File: VU050091.D
Acq: 05 Aug 2022 12:27

Tgt Ion:	75	Resp:	3929
Ion	Ratio	Lower	Upper
75	100		
110	1.0	28.5	42.7#
77	43.7	25.8	38.6#

