

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU051121\
 Data File : VU043657.D
 Acq On : 11 May 2021 12:21
 Operator : SY/MD
 Sample : M2301-04
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: May 12 01:28:09 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR050321WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed May 12 01:26:46 2021
 Response via : Initial Calibration

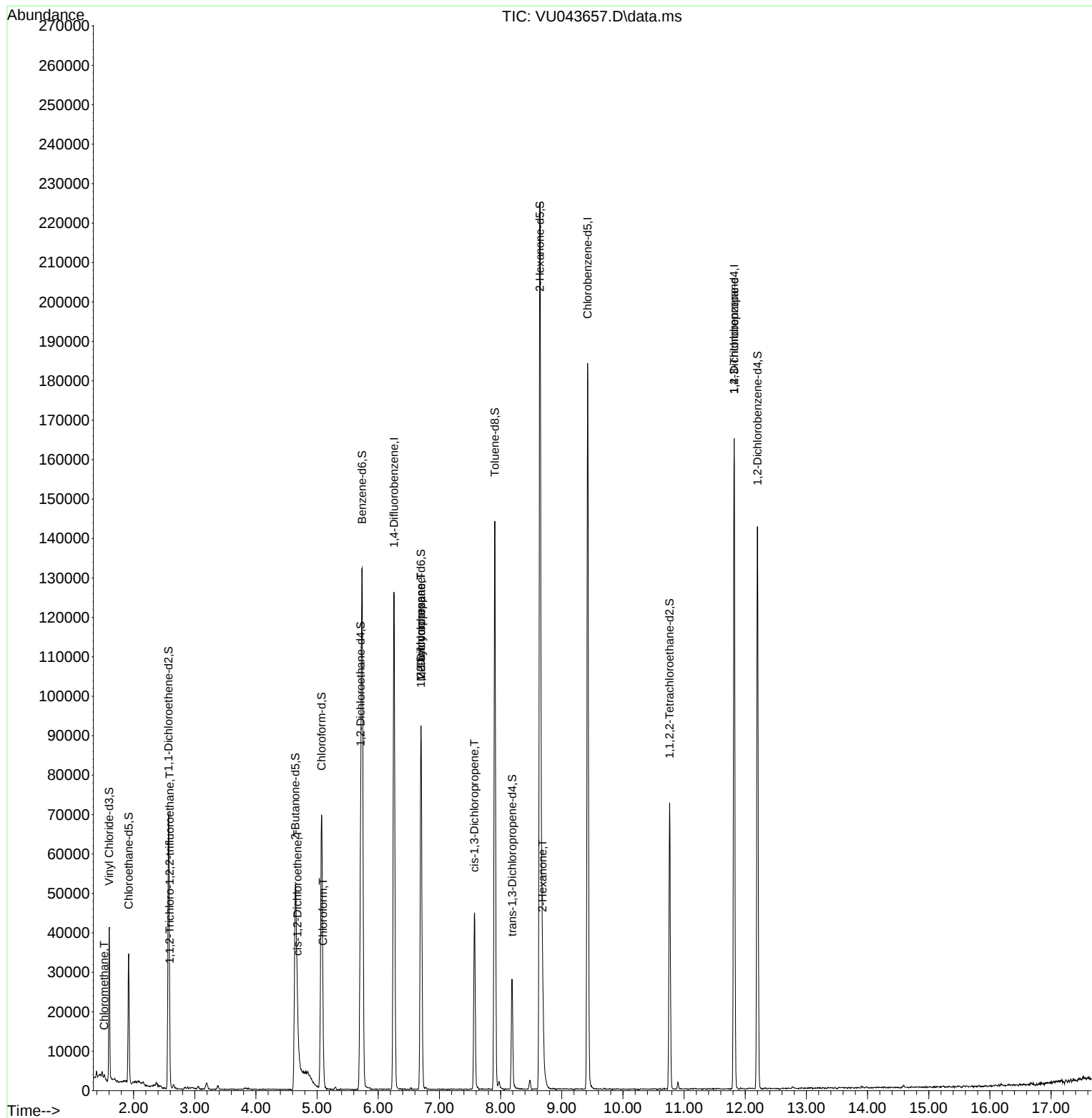
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	91698	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	90002	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	39707	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	25852	3.50	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	70.00%	
7) Chloroethane-d5	1.919	69	21715	4.02	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	80.40%	
11) 1,1-Dichloroethene-d2	2.572	65	13514	3.73	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	74.60%	
20) 2-Butanone-d5	4.645	46	103078	45.03	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	90.06%	
24) Chloroform-d	5.073	84	60680	4.30	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	86.00%	
26) 1,2-Dichloroethane-d4	5.713	65	38700	4.55	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	91.00%	
32) Benzene-d6	5.735	84	108194	4.45	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	89.00%	
36) 1,2-Dichloropropane-d6	6.700	67	40753	4.77	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	95.40%	
41) Toluene-d8	7.906	98	88183	3.94	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	78.80%	
43) trans-1,3-Dichloroprop...	8.189	79	15027	4.36	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	87.20%	
46) 2-Hexanone-d5	8.642	63	82939	57.41	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	114.82%	
56) 1,1,2,2-Tetrachloroeth...	10.764	84	34818	5.09	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	101.80%	
66) 1,2-Dichlorobenzene-d4	12.201	152	34086	4.81	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	96.20%	
Target Compounds						
3) Chloromethane	1.520	50	600	0.09	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.591	101	1336	0.22	ug/L #	71
22) cis-1,2-Dichloroethene	4.681	96	1313	0.21	ug/L	91
25) Chloroform	5.096	83	3224	0.24	ug/L	84
35) Methylcyclohexane	6.700	83	8807	1.12	ug/L #	12
37) 1,2-Dichloropropane	6.697	63	4698	0.66	ug/L #	90
39) cis-1,3-Dichloropropene	7.571	75	1067	0.11	ug/L #	77
48) 2-Hexanone	8.687	43	4646	1.08	ug/L #	87
61) 1,2,3-Trichloropropane	11.819	75	5293	1.32	ug/L #	67

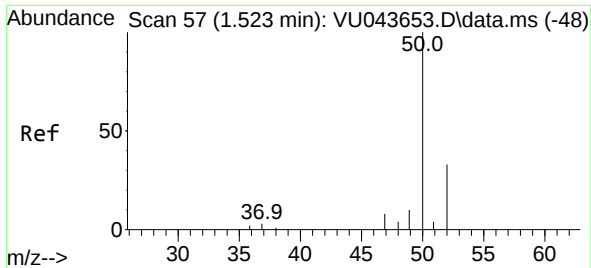
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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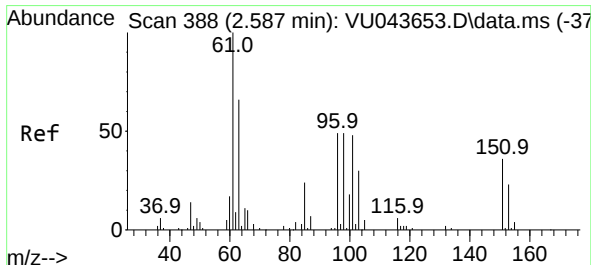
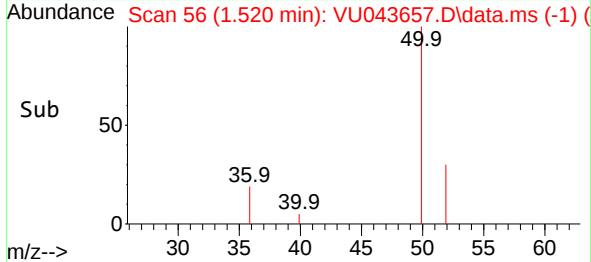
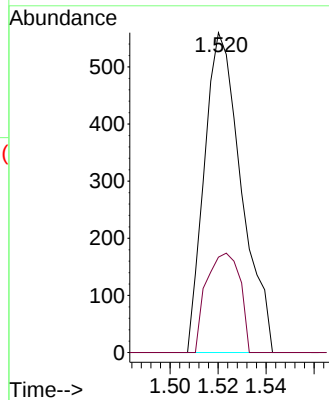
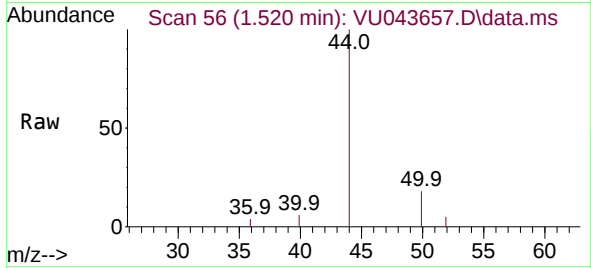




#3
Chloromethane
Concen: 0.09 ug/L
RT: 1.520 min Scan# 56
Delta R.T. -0.003 min
Lab File: VU043657.D
Acq: 11 May 2021 12:21

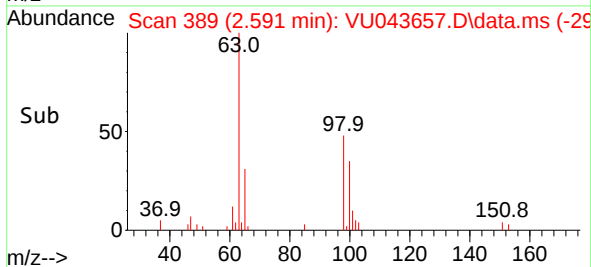
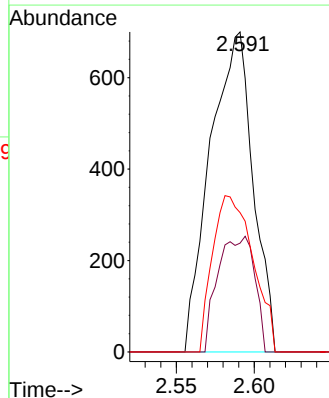
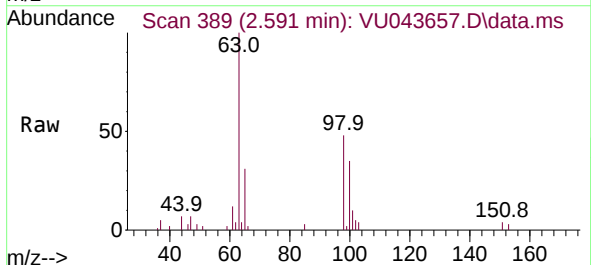
Instrument :
MSVOA_U
ClientSampled :

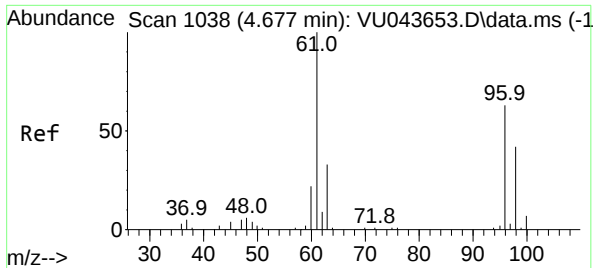
Tgt Ion: 50 Resp: 600
Ion Ratio Lower Upper
50 100
52 29.8 22.1 41.1



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.22 ug/L
RT: 2.591 min Scan# 389
Delta R.T. 0.003 min
Lab File: VU043657.D
Acq: 11 May 2021 12:21

Tgt Ion: 101 Resp: 1336
Ion Ratio Lower Upper
101 100
85 31.0 38.5 57.7#
151 46.3 58.5 87.7#





#22

cis-1,2-Dichloroethene

Concen: 0.21 ug/L

RT: 4.681 min Scan# 1039

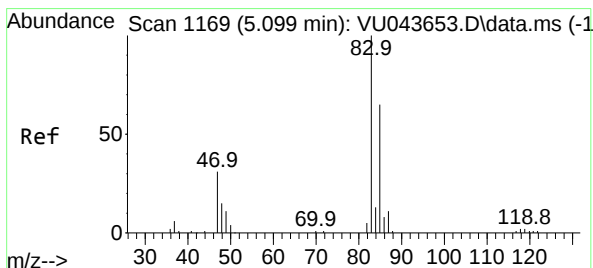
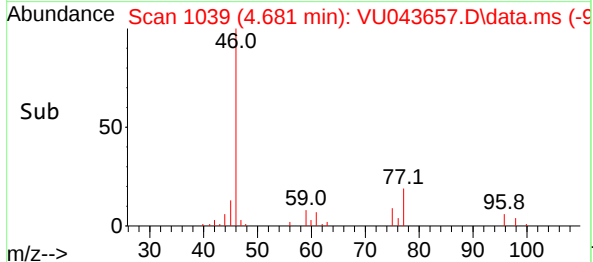
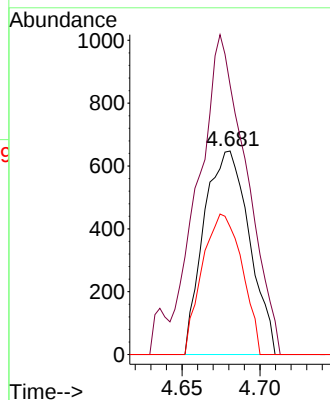
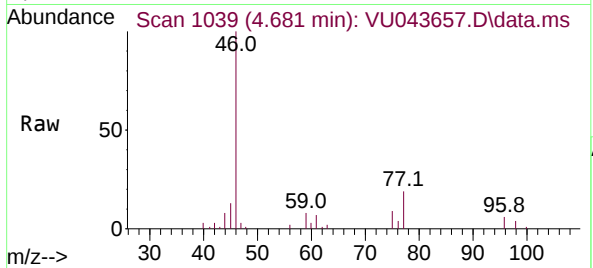
Delta R.T. 0.003 min

Lab File: VU043657.D

Acq: 11 May 2021 12:21

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 96	Resp: 1313
Ion Ratio	Lower Upper
96 100	
61 132.3	102.8 190.8
98 62.7	42.8 79.6



#25

Chloroform

Concen: 0.24 ug/L

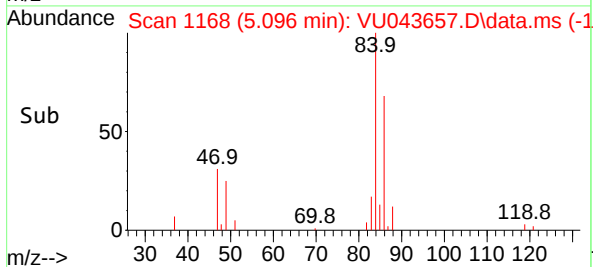
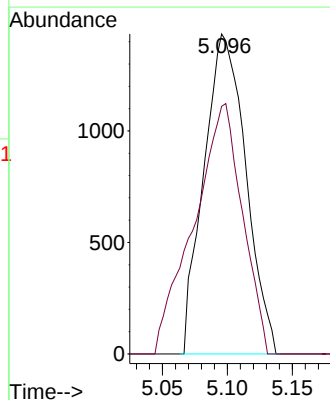
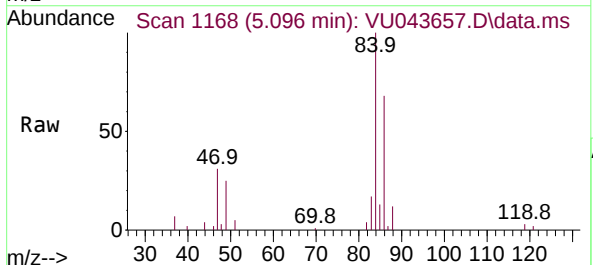
RT: 5.096 min Scan# 1168

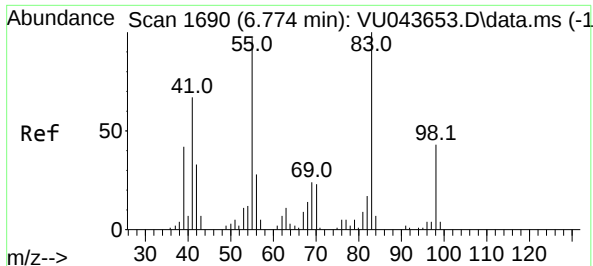
Delta R.T. -0.003 min

Lab File: VU043657.D

Acq: 11 May 2021 12:21

Tgt Ion: 83	Resp: 3224
Ion Ratio	Lower Upper
83 100	
85 77.4	45.1 83.9





#35

Methylcyclohexane

Concen: 1.12 ug/L

RT: 6.700 min Scan# 1667

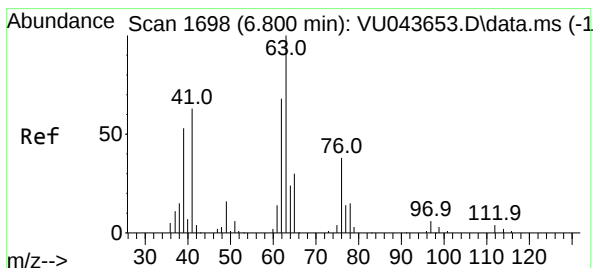
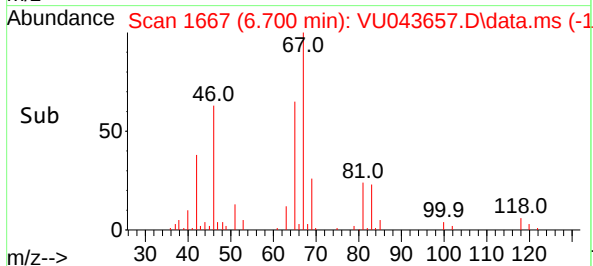
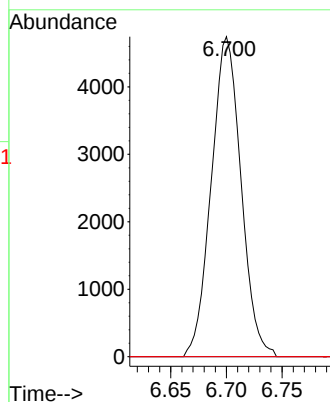
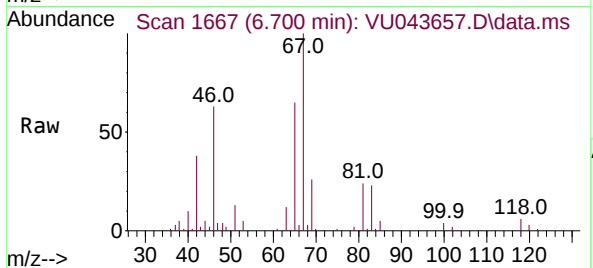
Delta R.T. -0.074 min

Lab File: VU043657.D

Acq: 11 May 2021 12:21

Tgt Ion:	83	Resp:	8807
Ion	Ratio	Lower	Upper
83	100		
55	0.0	75.8	113.8#
98	0.0	35.5	53.3#

Instrument :
MSVOA_U
ClientSampleId :



#37

1,2-Dichloropropane

Concen: 0.66 ug/L

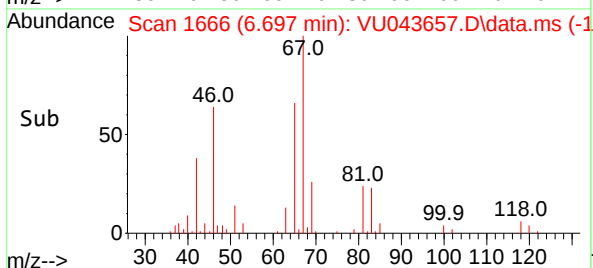
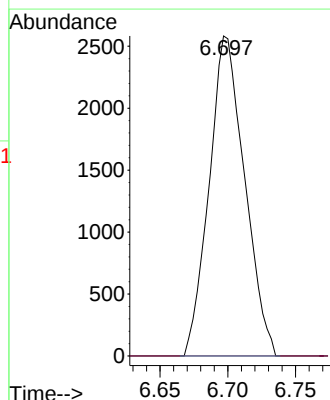
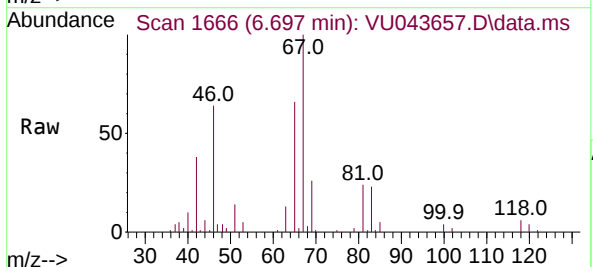
RT: 6.697 min Scan# 1666

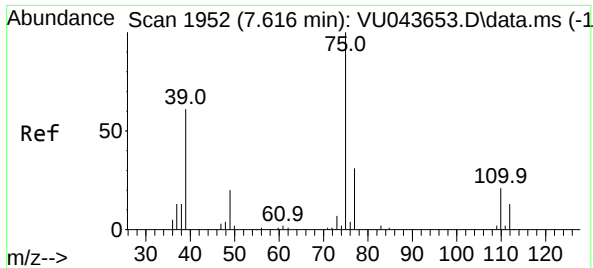
Delta R.T. -0.103 min

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Tgt Ion:	63	Resp:	4698
Ion	Ratio	Lower	Upper
63	100		
112	0.0	2.6	3.8#

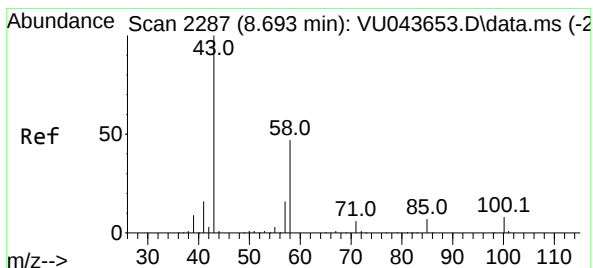
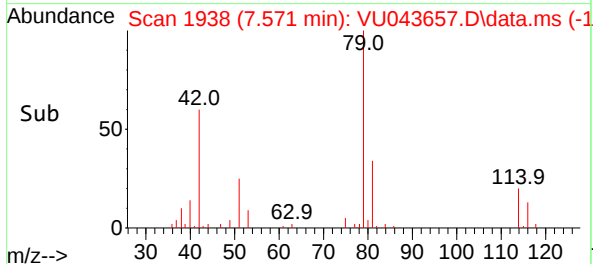
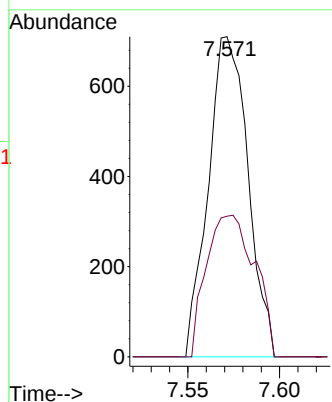
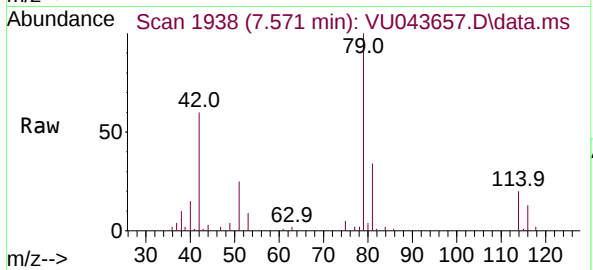




#39
 cis-1,3-Dichloropropene
 Concen: 0.11 ug/L
 RT: 7.571 min Scan# 1938
 Delta R.T. -0.045 min
 Lab File: VU043657.D
 Acq: 11 May 2021 12:21

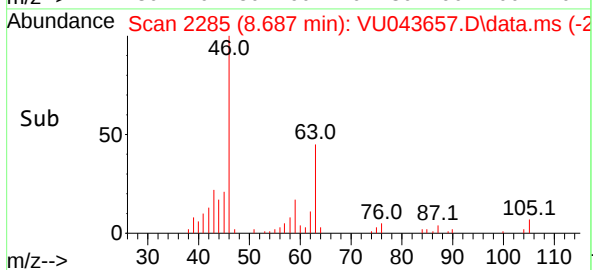
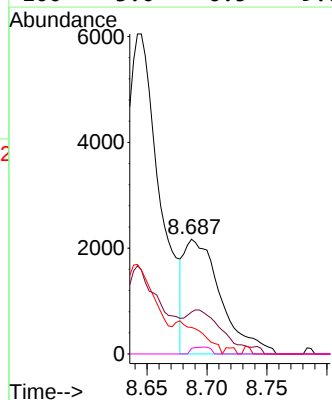
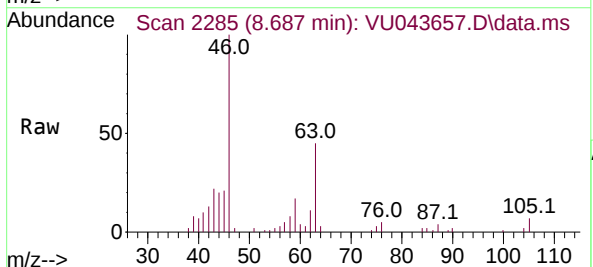
Instrument :
 MSVOA_U
 ClientSampleId :

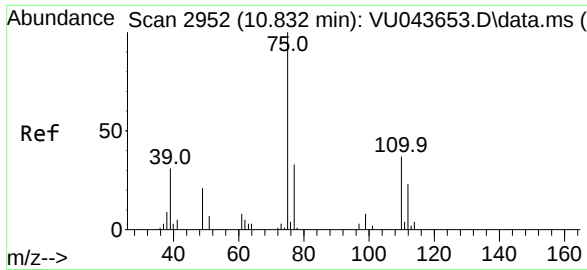
Tgt Ion: 75 Resp: 1067
 Ion Ratio Lower Upper
 75 100
 77 43.9 21.9 40.7#



#48
 2-Hexanone
 Concen: 1.08 ug/L
 RT: 8.687 min Scan# 2285
 Delta R.T. -0.006 min
 Lab File: VU043657.D
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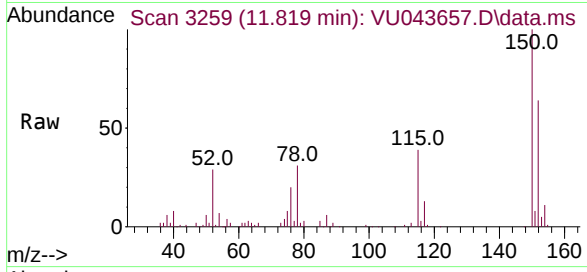
Tgt Ion: 43 Resp: 4646
 Ion Ratio Lower Upper
 43 100
 58 36.8 36.8 55.2
 57 20.7 13.2 19.8#
 100 3.0 6.5 9.7#





#61
1,2,3-Trichloropropane
Concen: 1.32 ug/L
RT: 11.819 min Scan# 3259
Delta R.T. 0.987 min
Lab File: VU043657.D
Acq: 11 May 2021 12:21

Instrument :
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Tgt Ion: 75 Resp: 5293
Ion Ratio Lower Upper
75 100
110 0.0 28.6 42.8#
77 33.3 25.7 38.5

