

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062222\
 Data File : VU049372.D
 Acq On : 23 Jun 2022 12:25
 Operator : SY/MD
 Sample : N3392-20RE 10X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jun 24 01:11:50 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM061022WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jun 24 01:09:54 2022
 Response via : Initial Calibration

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

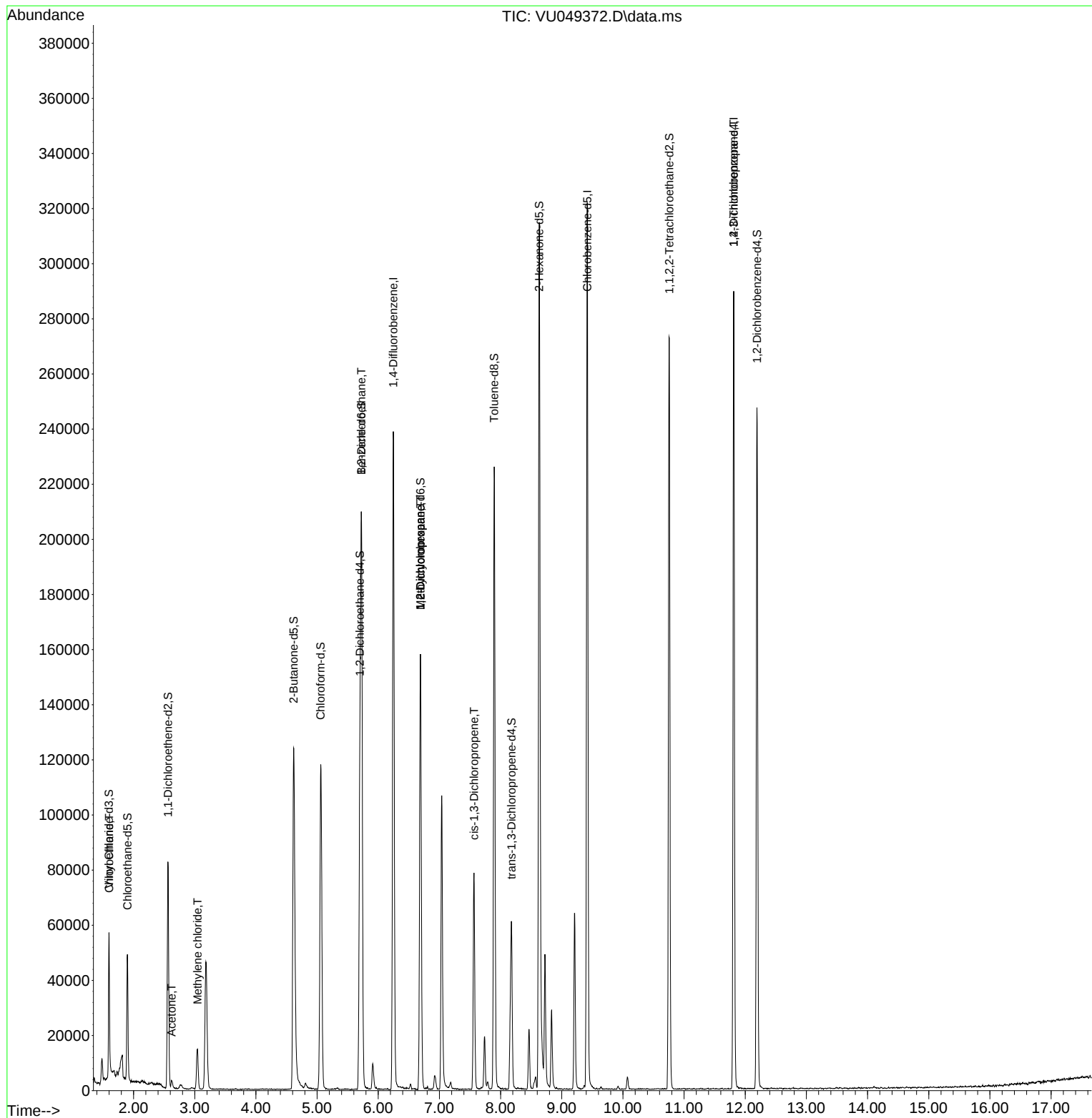
Internal Standards						
1) 1,4-Difluorobenzene	6.246	114	184052	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	171711	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	74261	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	36708	32.375	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	64.740%		
7) Chloroethane-d5	1.899	69	33276	39.970	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	79.940%		
11) 1,1-Dichloroethene-d2	2.562	63	49620	23.192	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	46.380%#		
21) 2-Butanone-d5	4.616	46	166499	133.934	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	133.930%#		
24) Chloroform-d	5.060	84	108898	45.022	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	90.040%		
26) 1,2-Dichloroethane-d4	5.700	65	79007	50.418	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	100.840%		
32) Benzene-d6	5.726	84	183876	43.185	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	86.360%		
36) 1,2-Dichloropropane-d6	6.690	67	76533	53.468	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	106.940%		
41) Toluene-d8	7.896	98	146109	38.910	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	77.820%#		
43) trans-1,3-Dichloroprop...	8.179	79	30281	44.967	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	89.940%		
47) 2-Hexanone-d5	8.632	63	102440	136.742	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	136.740%#		
56) 1,1,2,2-Tetrachloroeth...	10.758	84	138667	58.002	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	116.000%		
66) 1,2-Dichlorobenzene-d4	12.192	152	62923	48.698	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	97.400%		
Target Compounds						Qvalue
8) Chloroethane	1.600	64	1180	1.302	ug/L	98
13) Acetone	2.623	43	3350	3.425	ug/L	94
16) Methylene chloride	3.044	84	6851	4.635	ug/L	94
27) 1,2-Dichloroethane	5.726	62	1106	0.485	ug/L #	76
35) Methylcyclohexane	6.690	83	16898	8.633	ug/L #	19
37) 1,2-Dichloropropane	6.690	63	7947	5.066	ug/L #	88
39) cis-1,3-Dichloropropene	7.568	75	2163	0.937	ug/L #	56
60) 1,2,3-Trichloropropane	11.812	75	10120	5.373	ug/L #	67

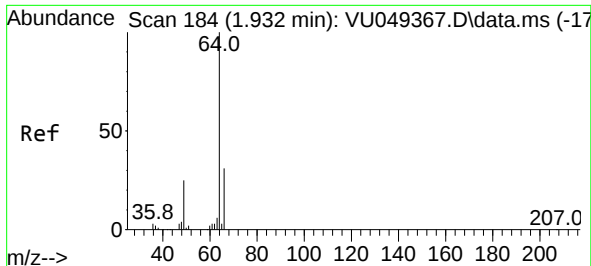
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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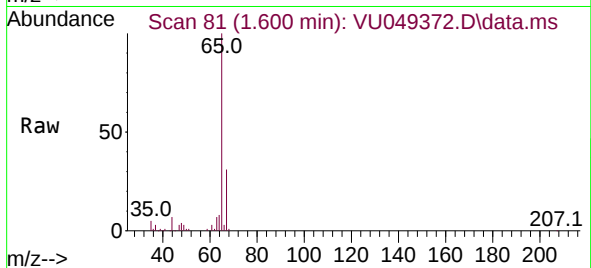
Quant Time: Jun 24 01:11:50 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM061022WMA.M
Quant Title : VOC Analysis
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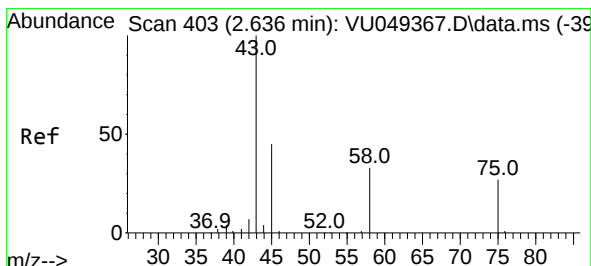
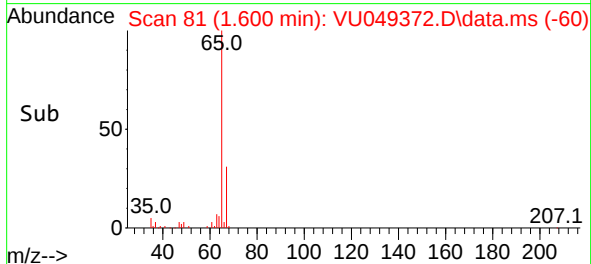
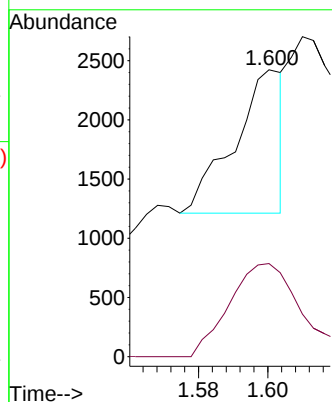


#8
Chloroethane
Concen: 1.302 ug/L
RT: 1.600 min Scan# 81
Delta R.T. -0.331 min
Lab File: VU049372.D
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Instrument :
MSVOA_U
ClientSampleId :

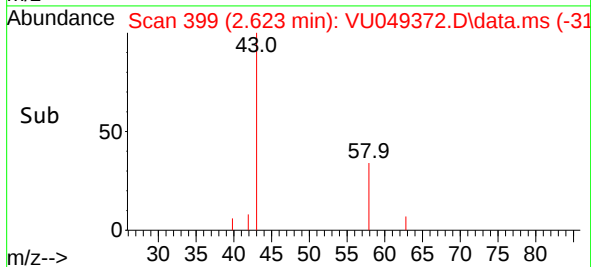
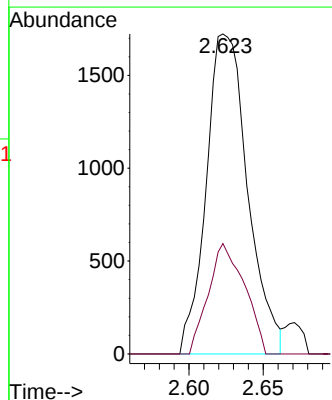
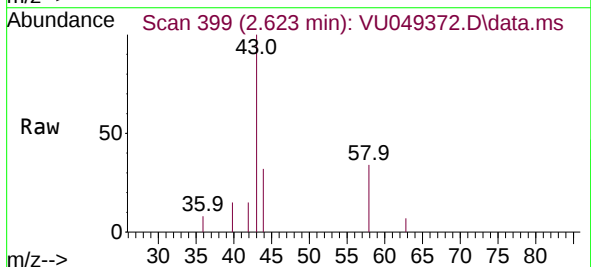


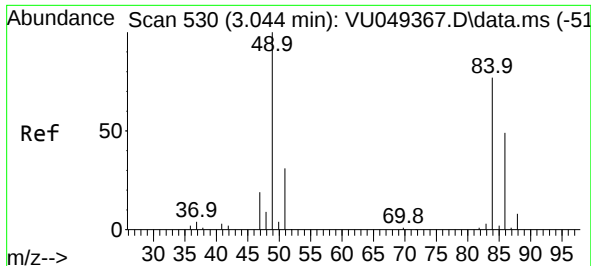
Tgt Ion: 64 Resp: 1180
Ion Ratio Lower Upper
64 100
66 32.5 23.7 43.9



#13
Acetone
Concen: 3.425 ug/L
RT: 2.623 min Scan# 399
Delta R.T. -0.013 min
Lab File: VU049372.D
Acq: 23 Jun 2022 12:25

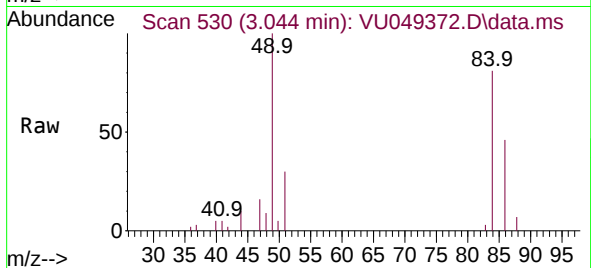
Tgt Ion: 43 Resp: 3350
Ion Ratio Lower Upper
43 100
58 30.0 0.0 66.4



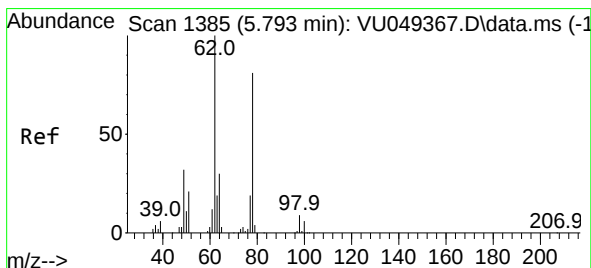
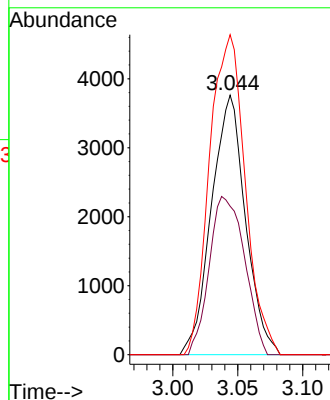
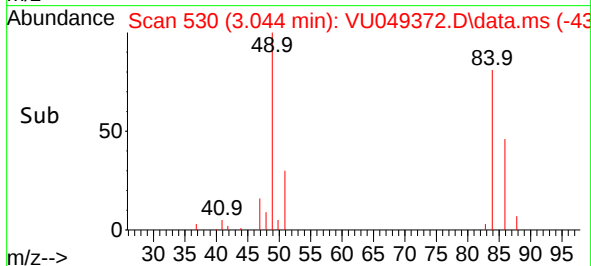


#16
Methylene chloride
Concen: 4.635 ug/L
RT: 3.044 min Scan# 51
Delta R.T. -0.000 min
Lab File: VU049372.D
Acq: 23 Jun 2022 12:25

Instrument :
MSVOA_U
ClientSampleId :

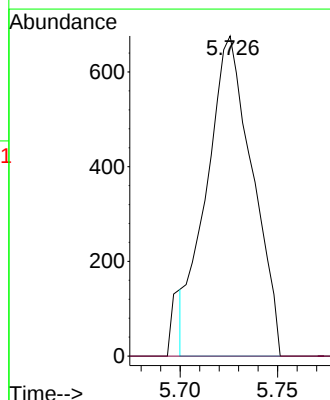
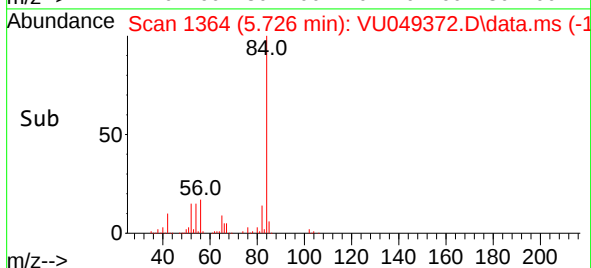
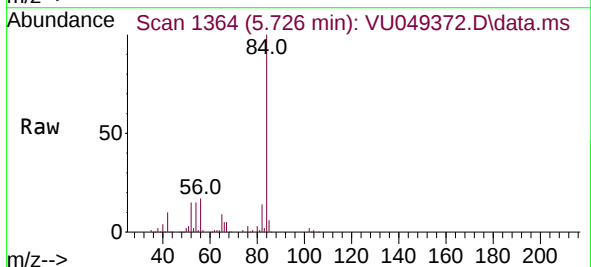


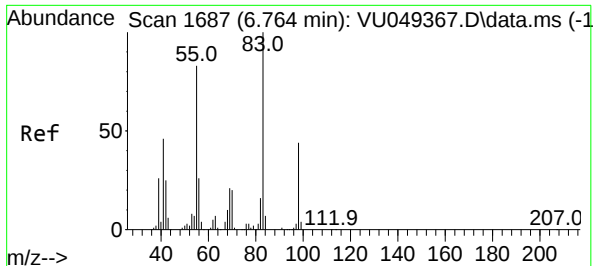
Tgt Ion: 84 Resp: 6851
Ion Ratio Lower Upper
84 100
86 57.2 45.8 85.0
49 123.3 83.4 155.0



#27
1,2-Dichloroethane
Concen: 0.485 ug/L
RT: 5.726 min Scan# 1364
Delta R.T. -0.068 min
Lab File: VU049372.D
Acq: 23 Jun 2022 12:25

Tgt Ion: 62 Resp: 1106
Ion Ratio Lower Upper
62 100
98 0.0 7.0 10.4#





#35

Methylcyclohexane

Concen: 8.633 ug/L

RT: 6.690 min Scan# 1

Delta R.T. -0.074 min

Lab File: VU049372.D

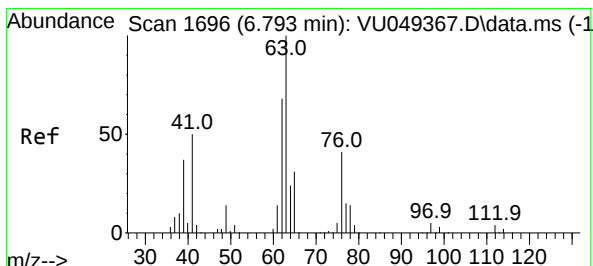
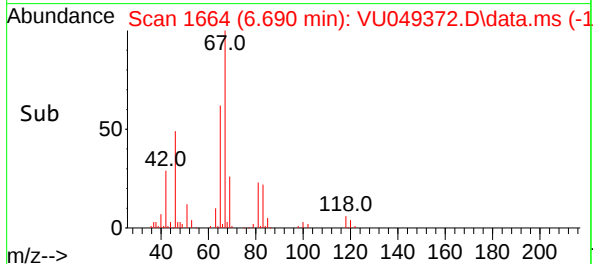
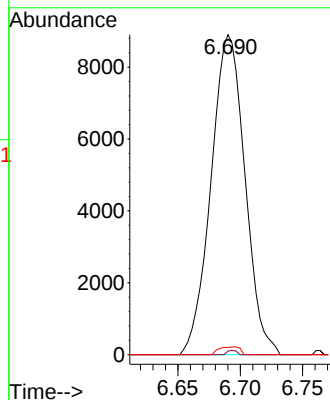
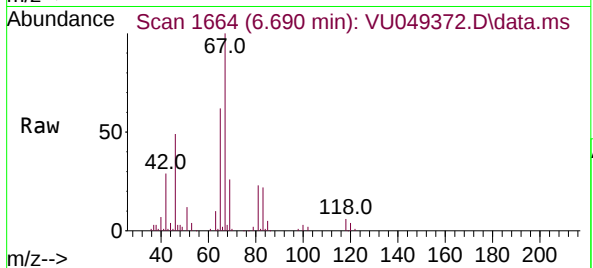
Acq: 23 Jun 2022 12:25

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	83	Resp:	16898
Ion Ratio	Lower	Upper	
83	100		
55	0.0	61.0	91.6#
98	1.5	36.8	55.2#



#37

1,2-Dichloropropane

Concen: 5.066 ug/L

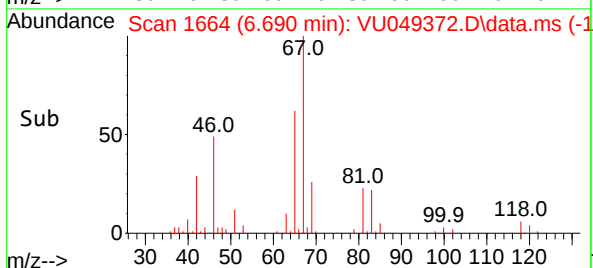
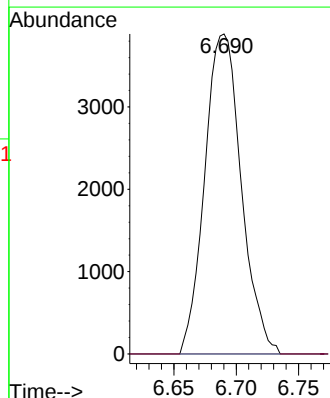
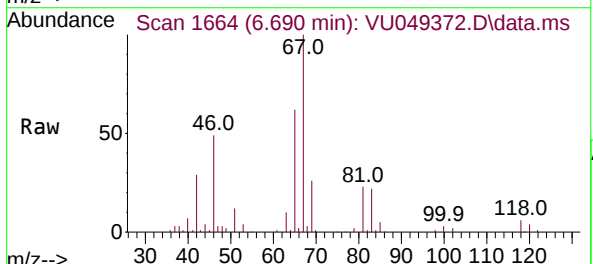
RT: 6.690 min Scan# 1664

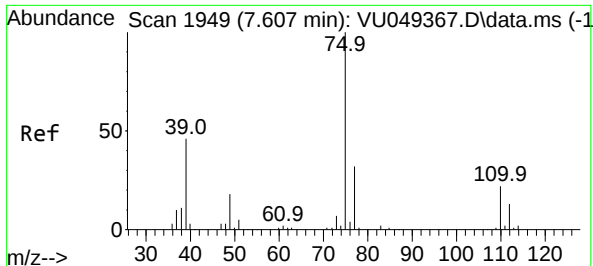
Delta R.T. -0.103 min

Lab File: VU049372.D

Acq: 23 Jun 2022 12:25

Tgt Ion:	63	Resp:	7947
Ion Ratio	Lower	Upper	
63	100		
112	0.0	3.2	4.8#





#39

cis-1,3-Dichloropropene

Concen: 0.937 ug/L

RT: 7.568 min Scan# 1949

Delta R.T. -0.039 min

Lab File: VU049372.D

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Instrument :

MSVOA_U

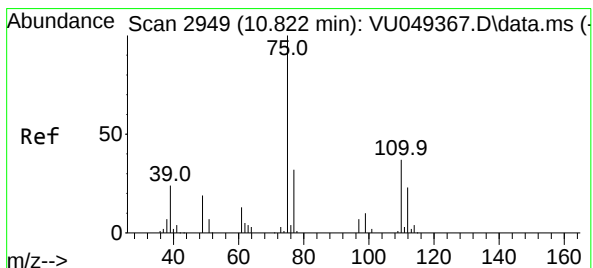
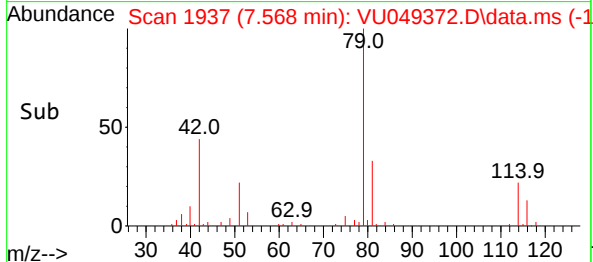
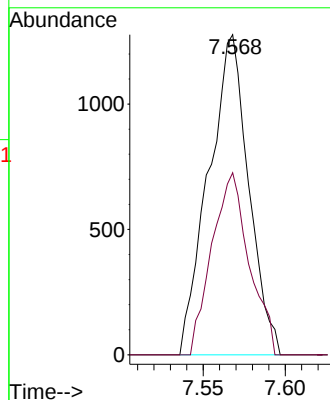
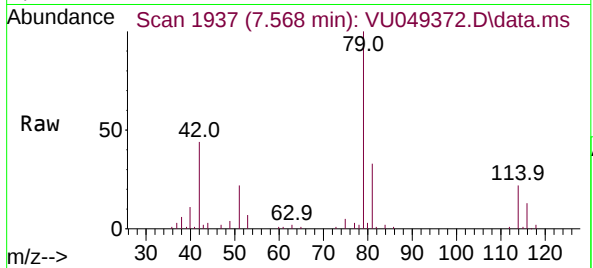
ClientSampleId :

Tgt Ion: 75 Resp: 2163

Ion Ratio Lower Upper

75 100

77 56.9 22.6 42.0#



#60

1,2,3-Trichloropropane

Concen: 5.373 ug/L

RT: 11.812 min Scan# 3257

Delta R.T. 0.990 min

Lab File: VU049372.D

Acq: 23 Jun 2022 12:25

Tgt Ion: 75 Resp: 10120

Ion Ratio Lower Upper

75 100

77 31.1 26.6 40.0

110 2.3 30.2 45.4#

