

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU020422\
 Data File : VU047052.D
 Acq On : 04 Feb 2022 17:34
 Operator : SY/MD
 Sample : N1349-10
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Feb 05 01:35:34 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR020422WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Feb 05 01:18:17 2022
 Response via : Initial Calibration

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

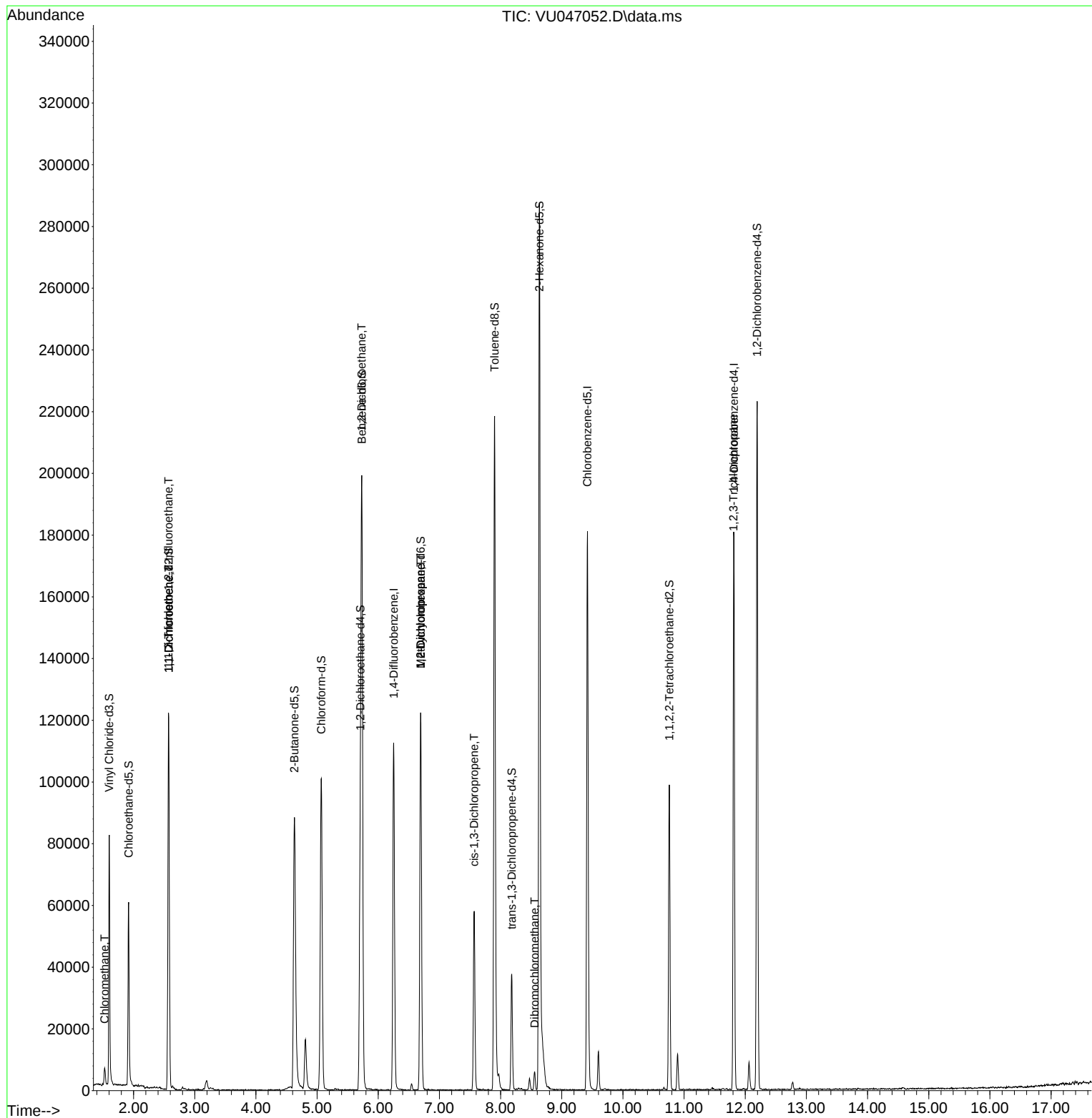
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	94762	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	109101	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.815	152	49162	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	60447	4.972	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	99.400%
7) Chloroethane-d5	1.919	69	46152	4.918	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.400%
11) 1,1-Dichloroethene-d2	2.575	65	23337	5.363	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	107.200%
20) 2-Butanone-d5	4.629	46	123346	50.745	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.480%
24) Chloroform-d	5.070	84	98291	5.069	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.400%
26) 1,2-Dichloroethane-d4	5.706	65	50935	5.142	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.800%
32) Benzene-d6	5.732	84	195402	5.114	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.200%
36) 1,2-Dichloropropane-d6	6.693	67	60019	5.035	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.800%
41) Toluene-d8	7.902	98	156420	4.615	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.200%
43) trans-1,3-Dichloroprop...	8.182	79	22227	4.894	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	97.800%
46) 2-Hexanone-d5	8.635	63	101313	48.155	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.300%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	49971	4.910	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.200%
66) 1,2-Dichlorobenzene-d4	12.195	152	60345	6.029	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	120.600%#
Target Compounds						Qvalue
3) Chloromethane	1.526	50	4947	0.465	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.571	101	690	0.087	ug/L #	21
12) 1,1-Dichloroethene	2.575	96	967	0.137	ug/L #	1
27) 1,2-Dichloroethane	5.729	62	837	0.094	ug/L #	73
35) Methylcyclohexane	6.693	83	13777	1.283	ug/L #	18
37) 1,2-Dichloropropane	6.693	63	5843	0.721	ug/L #	85
39) cis-1,3-Dichloropropene	7.568	75	1250	0.119	ug/L #	59
49) Dibromochloromethane	8.558	129	1438	0.204	ug/L #	11
61) 1,2,3-Trichloropropane	11.809	75	5882	1.282	ug/L #	65

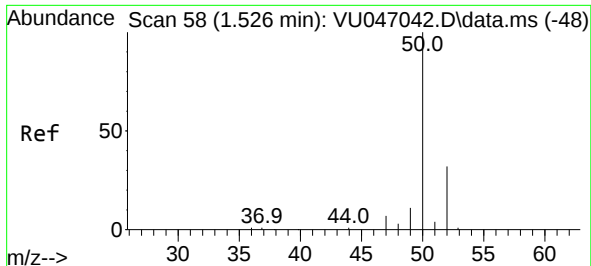
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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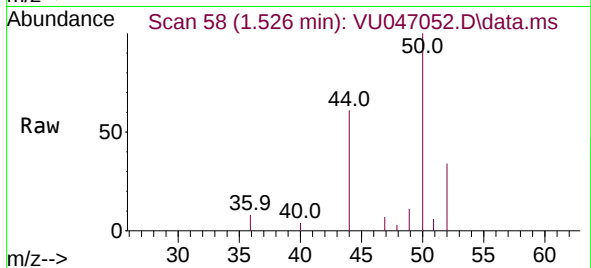
Quant Time: Feb 05 01:35:34 2022
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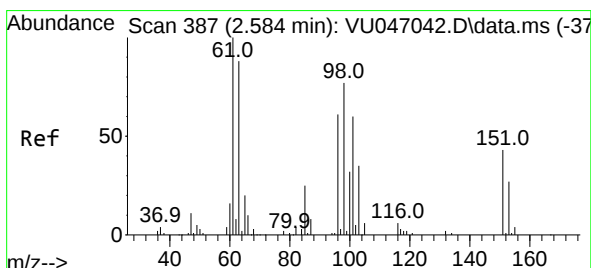
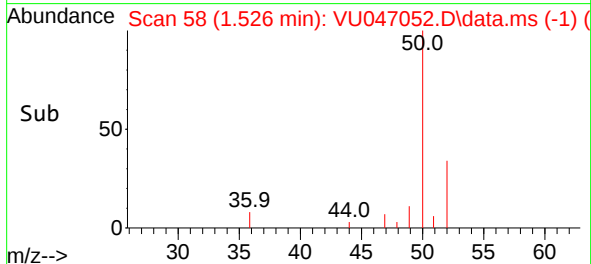
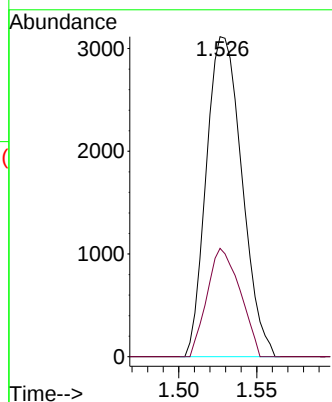


#3
Chloromethane
Concen: 0.465 ug/L
RT: 1.526 min Scan# 51
Delta R.T. -0.000 min
Lab File: VU047052.D
Acq: 04 Feb 2022 17:34

Instrument :
MSVOA_U
ClientSampleId :

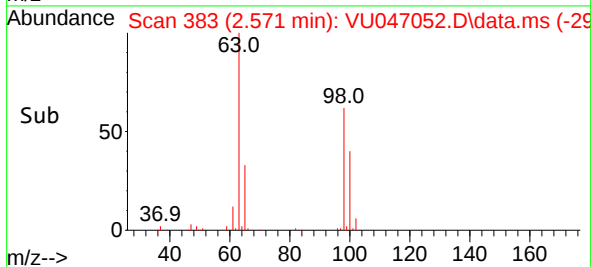
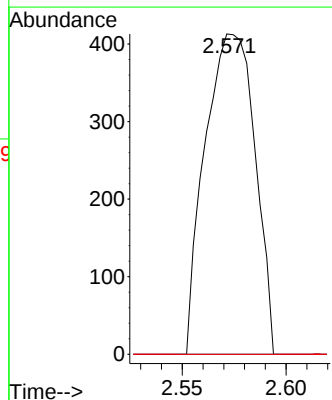
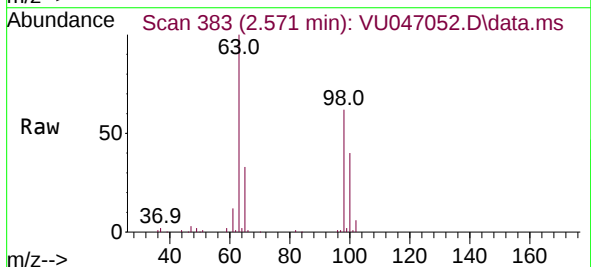


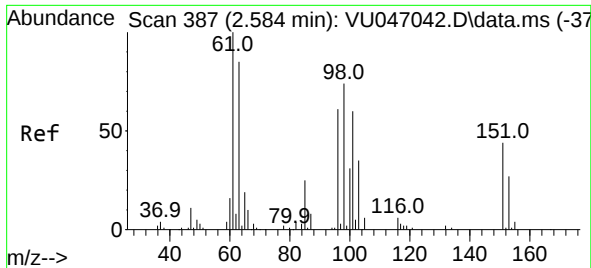
Tgt Ion: 50 Resp: 4947
Ion Ratio Lower Upper
50 100
52 33.9 22.7 42.3



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.087 ug/L
RT: 2.571 min Scan# 383
Delta R.T. -0.013 min
Lab File: VU047052.D
Acq: 04 Feb 2022 17:34

Tgt Ion: 101 Resp: 690
Ion Ratio Lower Upper
101 100
85 0.0 33.8 50.6#
151 0.0 57.2 85.8#





#12

1,1-Dichloroethene

Concen: 0.137 ug/L

RT: 2.575 min Scan# 31

Delta R.T. -0.010 min

Lab File: VU047052.D

Acq: 04 Feb 2022 17:34

Instrument :

MSVOA_U

ClientSampleId :

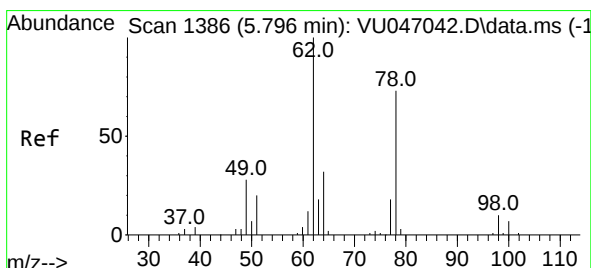
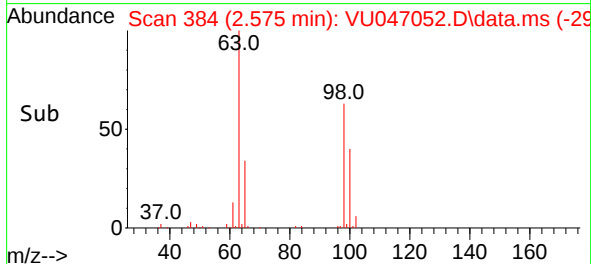
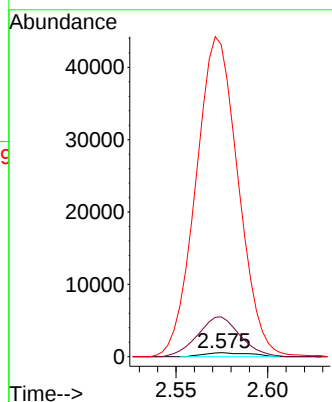
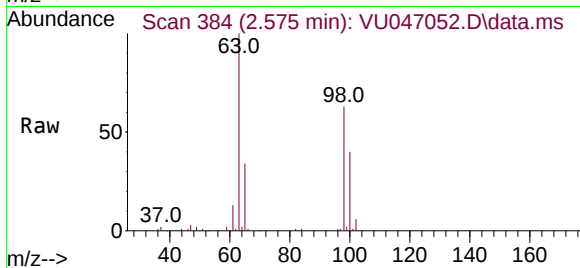
Tgt Ion: 96 Resp: 967

Ion Ratio Lower Upper

96 100

61 1008.2 115.5 214.5#

63 7906.2 103.6 192.4#



#27

1,2-Dichloroethane

Concen: 0.094 ug/L

RT: 5.729 min Scan# 1365

Delta R.T. -0.068 min

Lab File: VU047052.D

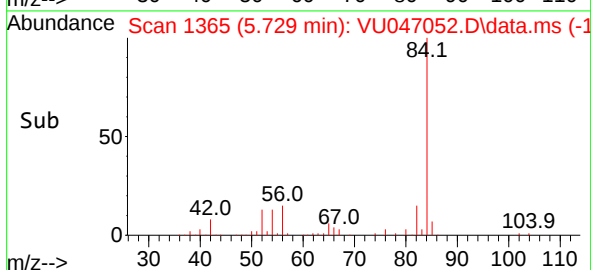
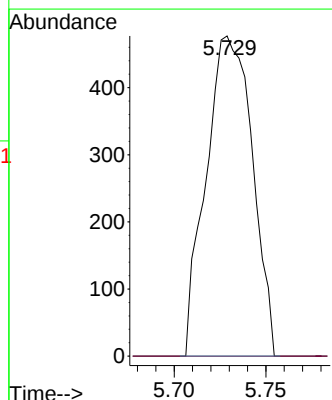
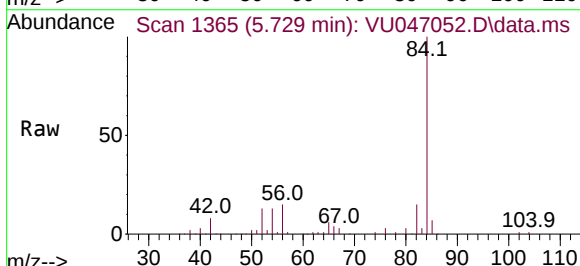
Acq: 04 Feb 2022 17:34

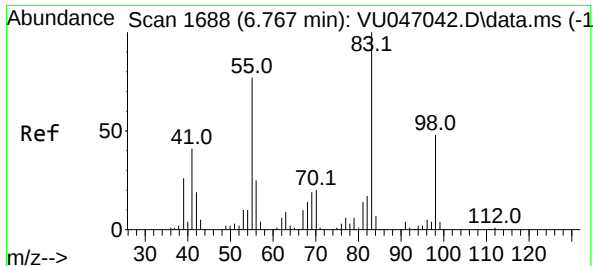
Tgt Ion: 62 Resp: 837

Ion Ratio Lower Upper

62 100

98 0.0 8.0 12.0#





#35

Methylcyclohexane

Concen: 1.283 ug/L

RT: 6.693 min Scan# 1665

Delta R.T. -0.074 min

Lab File: VU047052.D

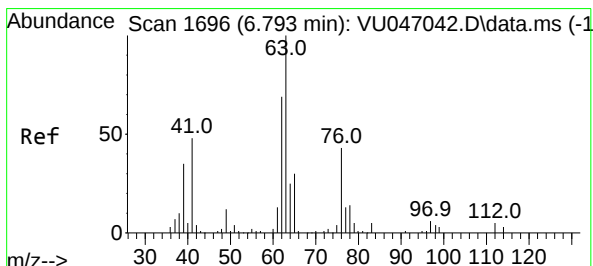
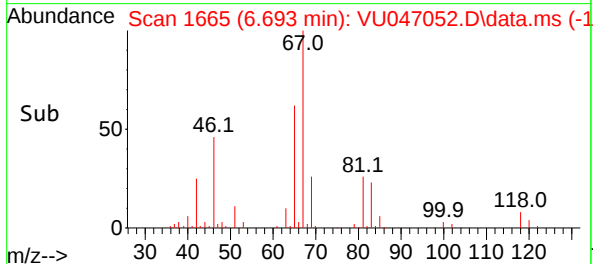
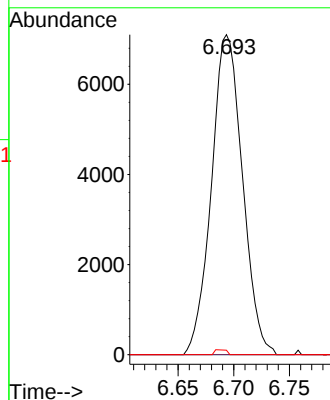
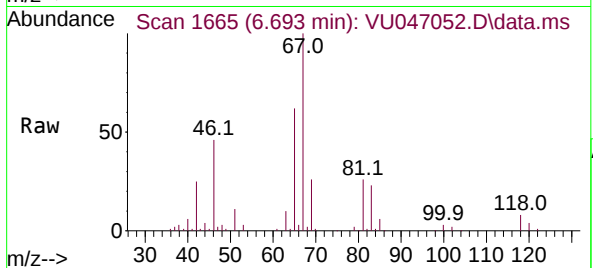
Acq: 04 Feb 2022 17:34

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 83	Resp: 13777
Ion Ratio	Lower Upper
83 100	
55 0.0	61.2 91.8#
98 0.6	39.3 58.9#



#37

1,2-Dichloropropane

Concen: 0.721 ug/L

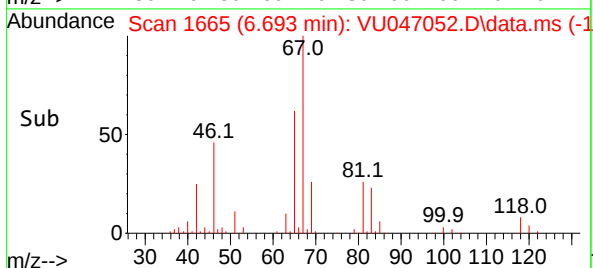
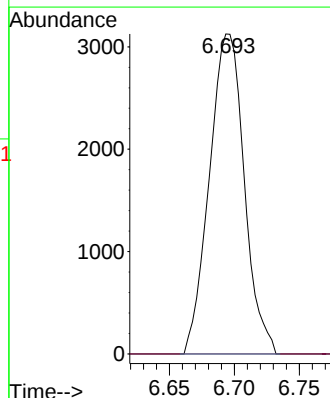
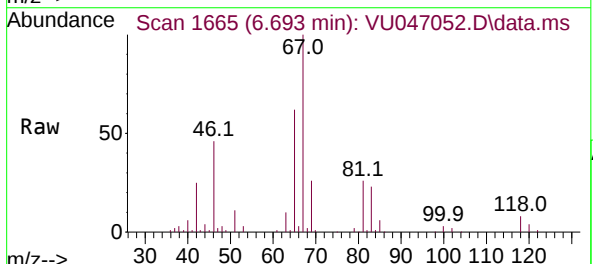
RT: 6.693 min Scan# 1665

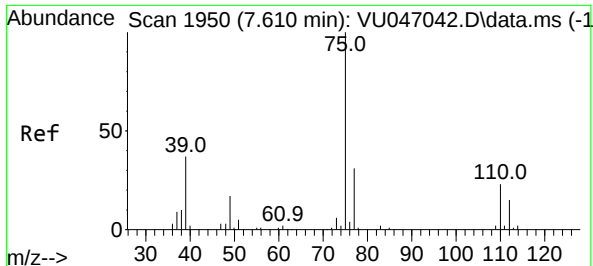
Delta R.T. -0.100 min

Lab File: VU047052.D

Acq: 04 Feb 2022 17:34

Tgt Ion: 63	Resp: 5843
Ion Ratio	Lower Upper
63 100	
112 0.0	4.0 6.0#





#39

cis-1,3-Dichloropropene

Concen: 0.119 ug/L

RT: 7.568 min Scan# 1950

Delta R.T. -0.042 min

Lab File: VU047052.D

Acq: 04 Feb 2022 17:34

Instrument :

MSVOA_U

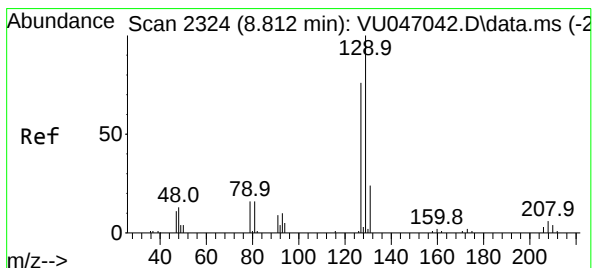
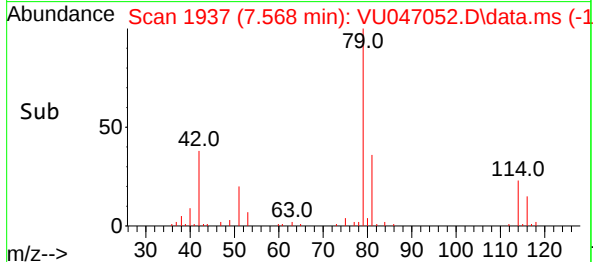
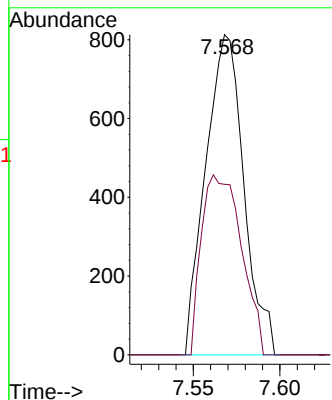
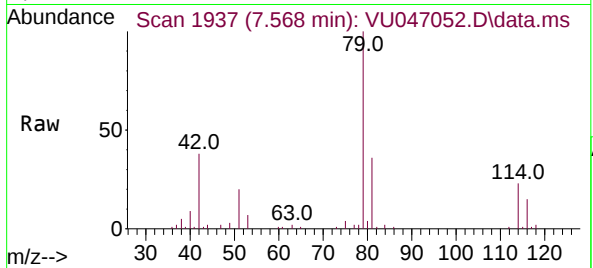
ClientSampleId :

Tgt Ion: 75 Resp: 1250

Ion Ratio Lower Upper

75 100

77 53.3 21.6 40.2#



#49

Dibromochloromethane

Concen: 0.204 ug/L

RT: 8.558 min Scan# 2245

Delta R.T. -0.254 min

Lab File: VU047052.D

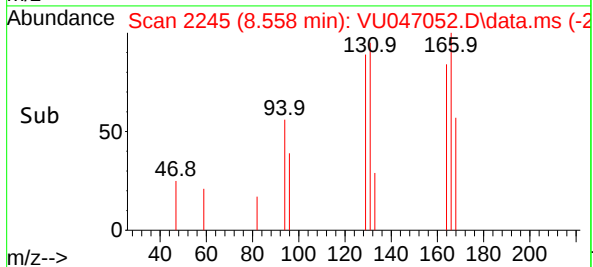
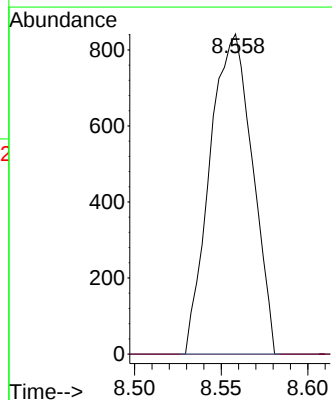
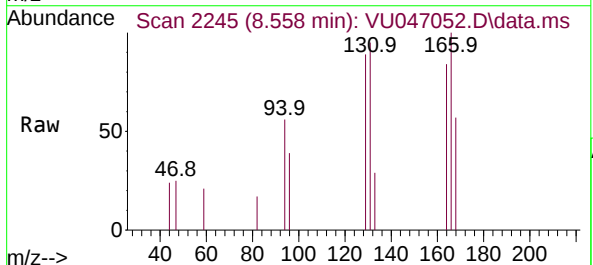
Acq: 04 Feb 2022 17:34

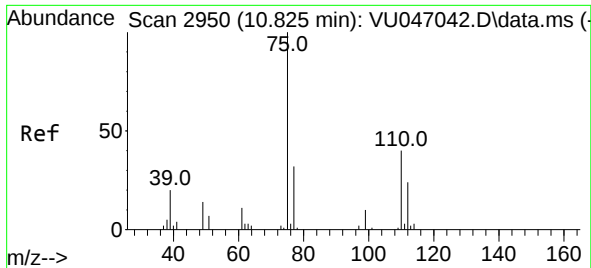
Tgt Ion: 129 Resp: 1438

Ion Ratio Lower Upper

129 100

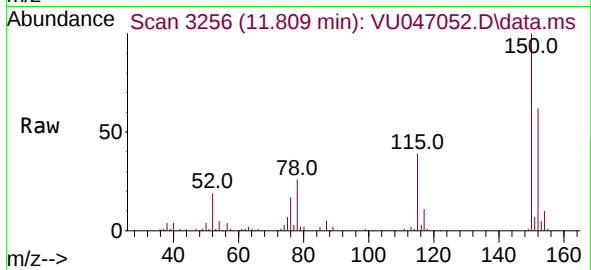
127 0.0 53.4 99.2#





#61
 1,2,3-Trichloropropane
 Concen: 1.282 ug/L
 RT: 11.809 min Scan# 31
 Delta R.T. 0.984 min
 Lab File: VU047052.D
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 ClientSampleId :



Tgt Ion: 75 Resp: 5882
 Ion Ratio Lower Upper
 75 100
 110 1.8 31.7 47.5#
 77 34.4 26.1 39.1

