

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072622\
 Data File : VU049937.D
 Acq On : 27 Jul 2022 02:10
 Operator : SY/MD
 Sample : N3873-07
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GBJ31

Quant Time: Jul 27 05:31:44 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR072222WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jul 27 05:17:43 2022
 Response via : Initial Calibration

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

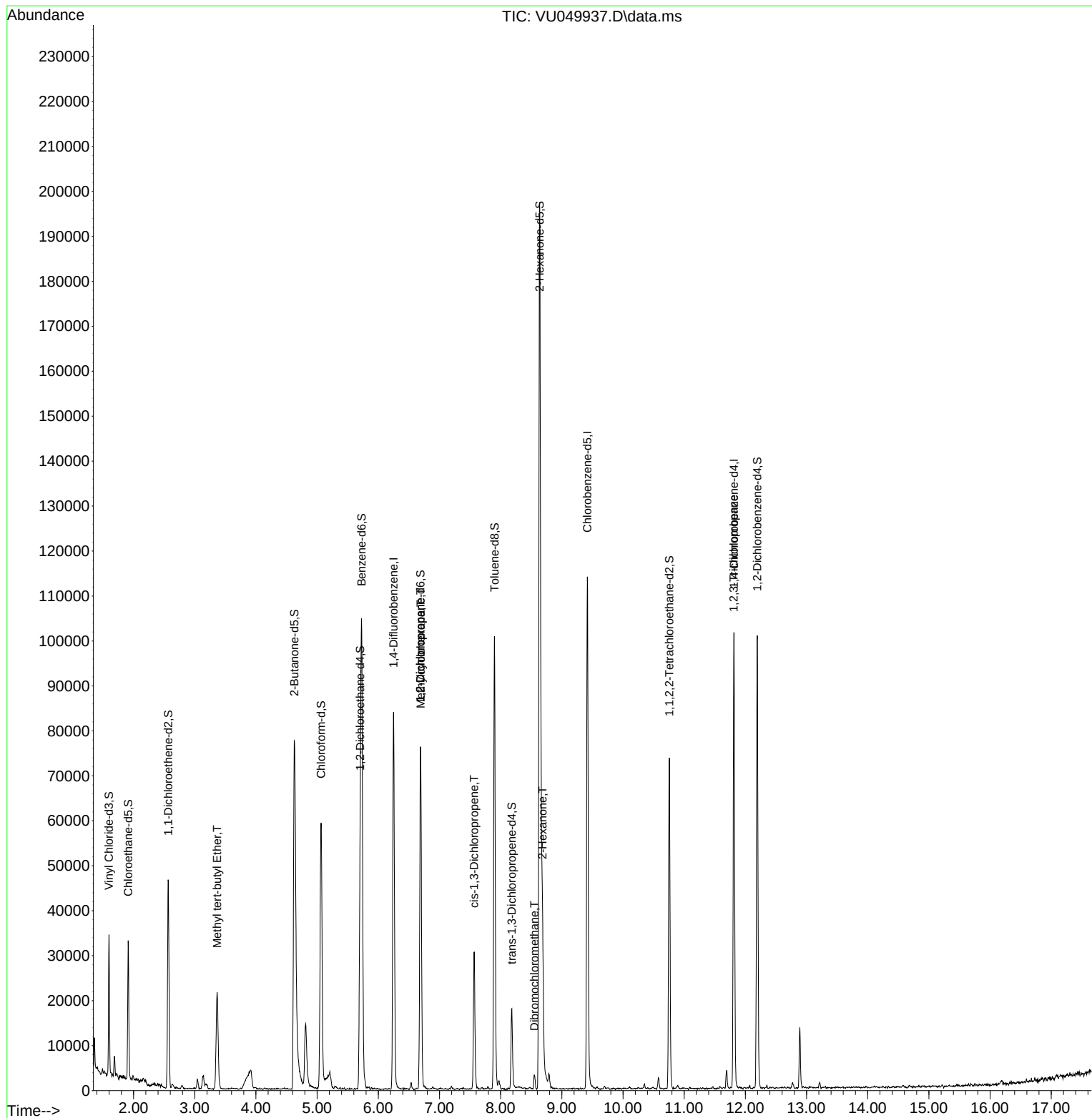
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	65056	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	62220	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	26356	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	20460	3.885	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	77.600%	
7) Chloroethane-d5	1.912	69	20467	4.643	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	92.800%	
11) 1,1-Dichloroethene-d2	2.565	65	9183	3.906	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	78.200%	
20) 2-Butanone-d5	4.626	46	126880	66.953	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	133.900%#	
24) Chloroform-d	5.067	84	56309	4.800	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	96.000%	
26) 1,2-Dichloroethane-d4	5.703	65	35017	5.091	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	101.800%	
32) Benzene-d6	5.729	84	92419	4.359	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	87.200%	
36) 1,2-Dichloropropane-d6	6.690	67	36799	5.024	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	100.400%	
41) Toluene-d8	7.899	98	66577	3.592	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	71.800%	
43) trans-1,3-Dichloroprop...	8.182	79	10410	3.915	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	78.200%	
46) 2-Hexanone-d5	8.636	63	57120	54.205	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	108.400%	
56) 1,1,2,2-Tetrachloroeth...	10.755	84	37789	6.144	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	122.800%#	
66) 1,2-Dichlorobenzene-d4	12.195	152	24970	4.590	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	91.800%	
Target Compounds						
					Qvalue	
17) Methyl tert-butyl Ether	3.366	73	22674	1.628	ug/L	98
35) Methylcyclohexane	6.694	83	7950	1.177	ug/L #	15
37) 1,2-Dichloropropane	6.690	63	3996	0.621	ug/L #	89
39) cis-1,3-Dichloropropene	7.565	75	798	0.094	ug/L #	44
48) 2-Hexanone	8.684	43	21093	6.297	ug/L #	93
49) Dibromochloromethane	8.552	129	772	0.150	ug/L #	14
61) 1,2,3-Trichloropropane	11.809	75	3546	1.010	ug/L #	61

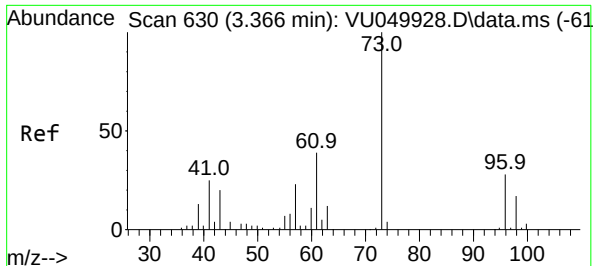
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#17

Methyl tert-butyl Ether

Concen: 1.628 ug/L

RT: 3.366 min Scan# 61

Delta R.T. -0.000 min

Lab File: VU049937.D

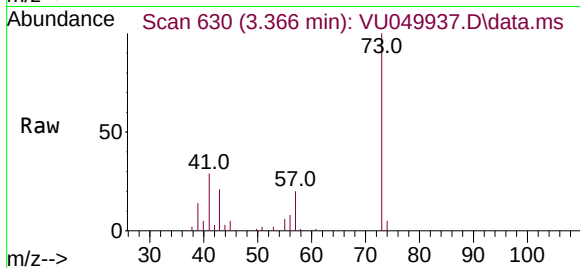
Acq: 27 Jul 2022 02:10

Instrument :

MSVOA_U

ClientSampleId :

GBJ31



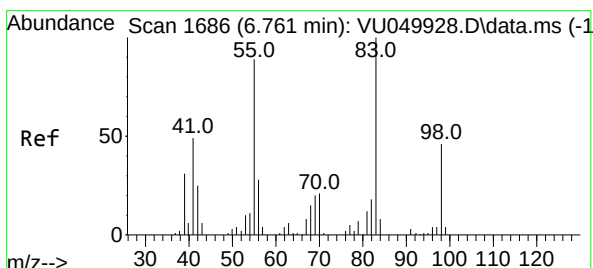
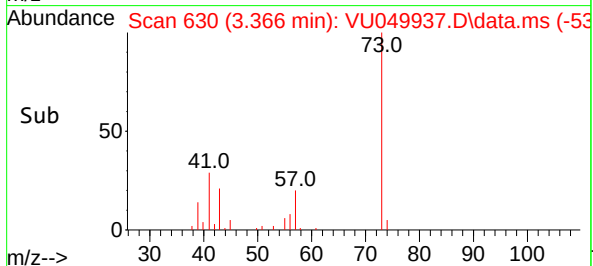
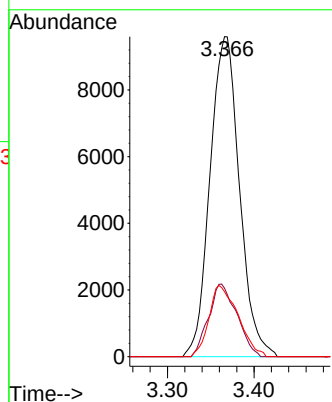
Tgt Ion: 73 Resp: 22674

Ion Ratio Lower Upper

73 100

43 21.8 17.4 26.2

57 22.0 18.7 28.1



#35

Methylcyclohexane

Concen: 1.177 ug/L

RT: 6.694 min Scan# 1665

Delta R.T. -0.068 min

Lab File: VU049937.D

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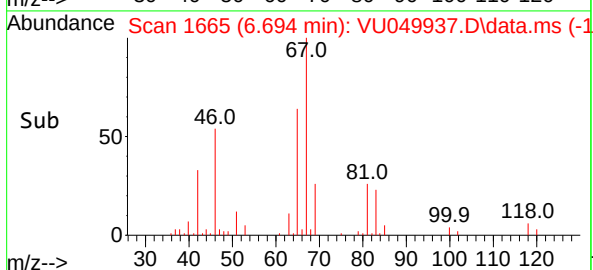
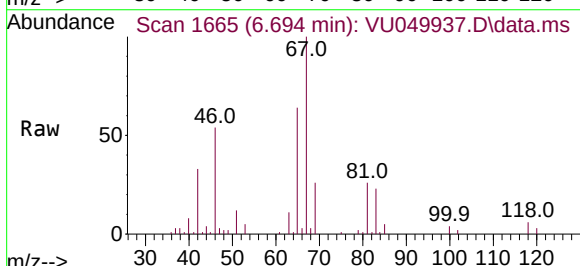
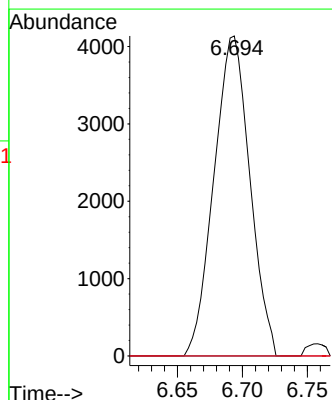
Tgt Ion: 83 Resp: 7950

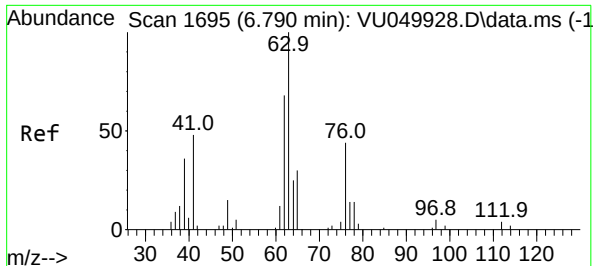
Ion Ratio Lower Upper

83 100

55 0.3 69.0 103.4#

98 0.0 36.4 54.6#





#37

1,2-Dichloropropane

Concen: 0.621 ug/L

RT: 6.690 min Scan# 1

Delta R.T. -0.100 min

Lab File: VU049937.D

Acq: 27 Jul 2022 02:10

Instrument :

MSVOA_U

ClientSampleId :

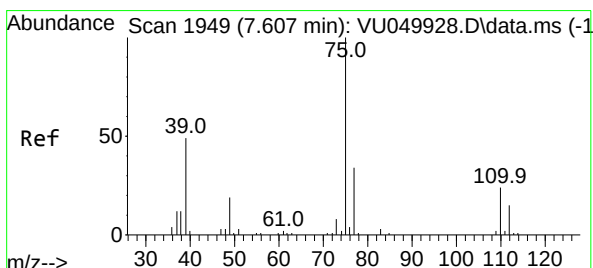
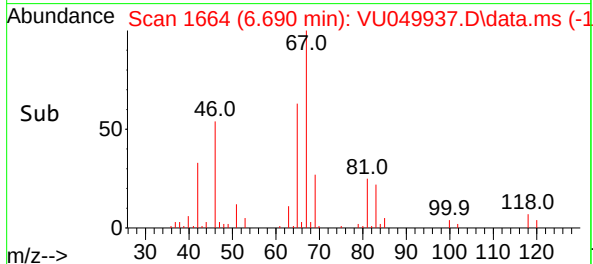
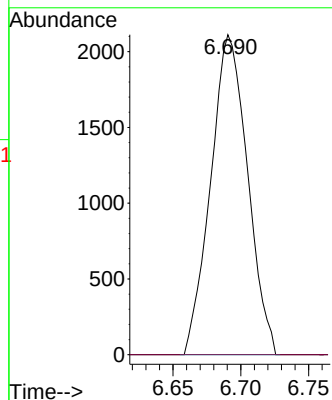
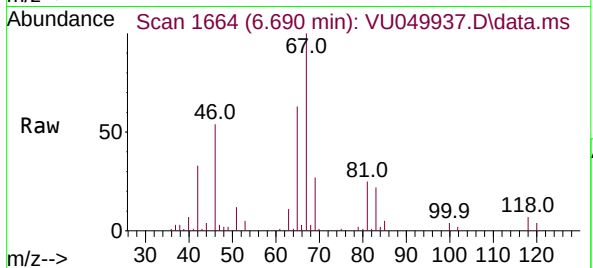
GBJ31

Tgt Ion: 63 Resp: 3996

Ion Ratio Lower Upper

63 100

112 0.0 2.8 4.2#



#39

cis-1,3-Dichloropropene

Concen: 0.094 ug/L

RT: 7.565 min Scan# 1936

Delta R.T. -0.042 min

Lab File: VU049937.D

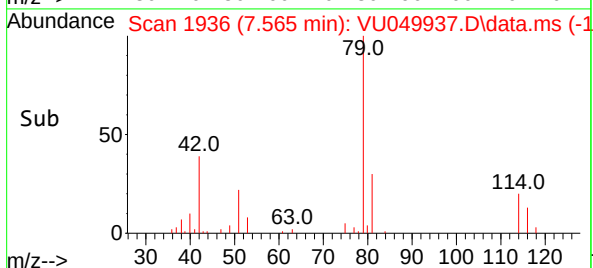
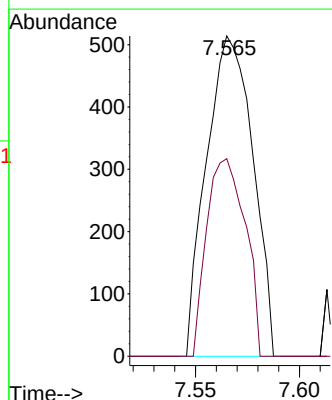
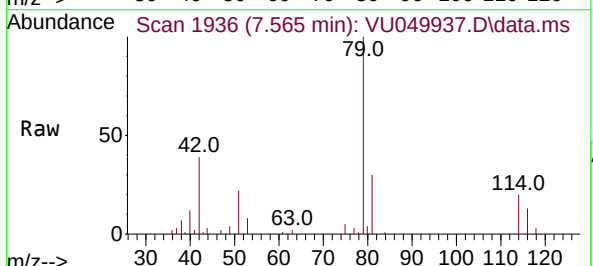
Acq: 27 Jul 2022 02:10

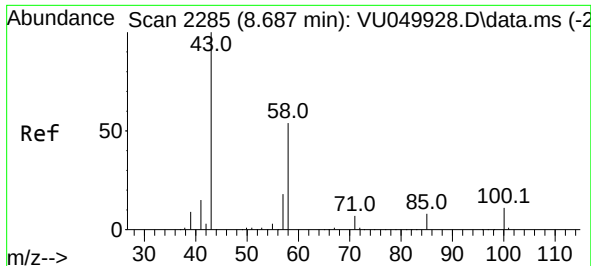
Tgt Ion: 75 Resp: 798

Ion Ratio Lower Upper

75 100

77 61.7 21.6 40.0#

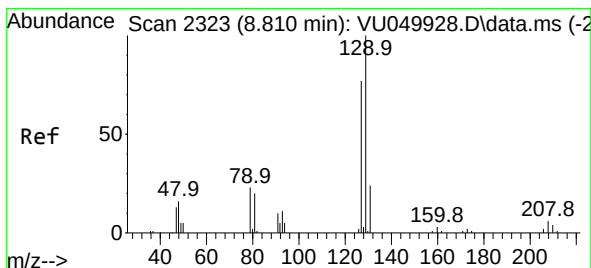
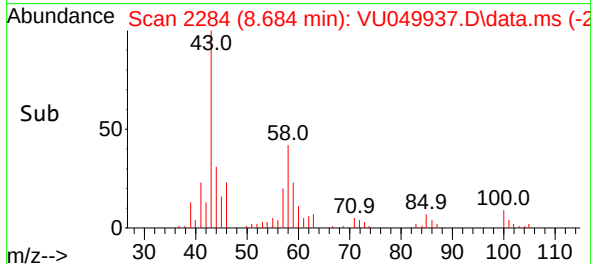
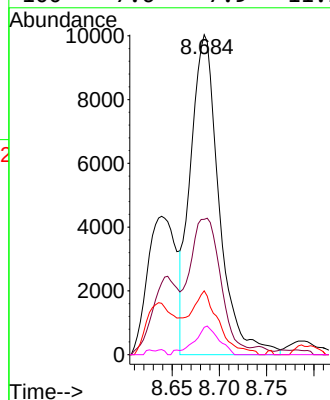
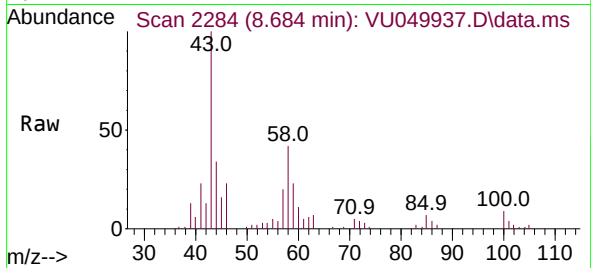




#48
2-Hexanone
Concen: 6.297 ug/L
RT: 8.684 min Scan# 21093
Delta R.T. -0.003 min
Lab File: VU049937.D
Acq: 27 Jul 2022 02:10

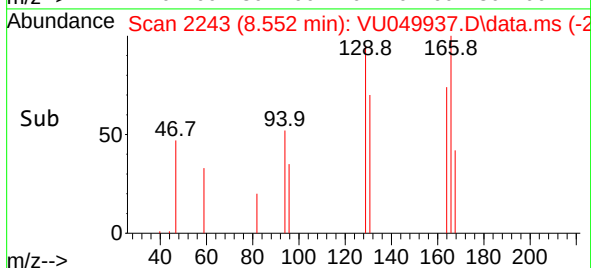
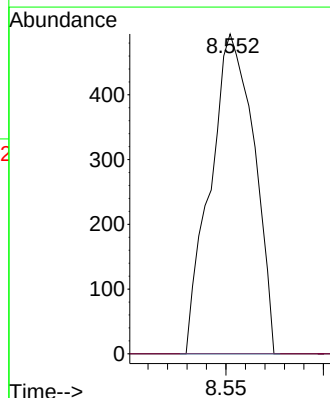
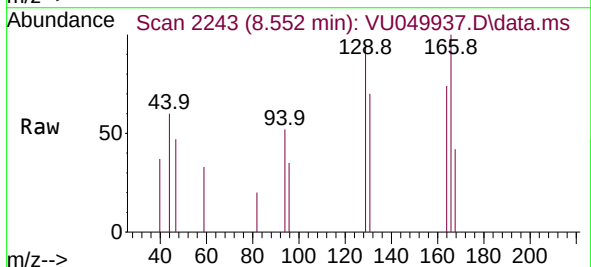
Instrument :
MSVOA_U
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GBJ31

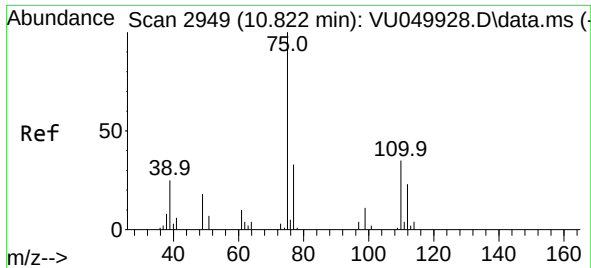
Tgt Ion: 43	Resp: 21093
Ion Ratio	Lower Upper
43 100	
58 45.7	42.1 63.1
57 18.4	14.3 21.5
100 7.6	7.9 11.9#



#49
Dibromochloromethane
Concen: 0.150 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. -0.257 min
Lab File: VU049937.D
Acq: 27 Jul 2022 02:10

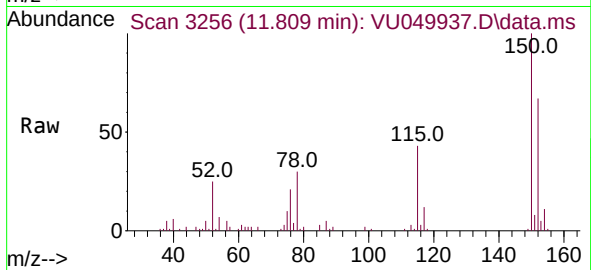
Tgt Ion:129	Resp:	772	
Ion	Ratio	Lower	Upper
129	100		
127	0.0	50.5	93.7#





#61
 1,2,3-Trichloropropane
 Concen: 1.010 ug/L
 RT: 11.809 min Scan# 31
 Delta R.T. 0.987 min
 Lab File: VU049937.D
 Acq: 27 Jul 2022 02:10

Instrument :
 MSVOA_U
 ClientSampleId :
 GBJ31



Tgt Ion: 75 Resp: 3546
 Ion Ratio Lower Upper
 75 100
 110 0.0 28.0 42.0#
 77 40.0 25.4 38.2#

