

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041024\
 Data File : VU058568.D
 Acq On : 10 Apr 2024 18:29
 Operator : MD/SY
 Sample : P2013-17
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 11 01:33:49 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR040424WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Apr 11 01:28:06 2024
 Response via : Initial Calibration

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

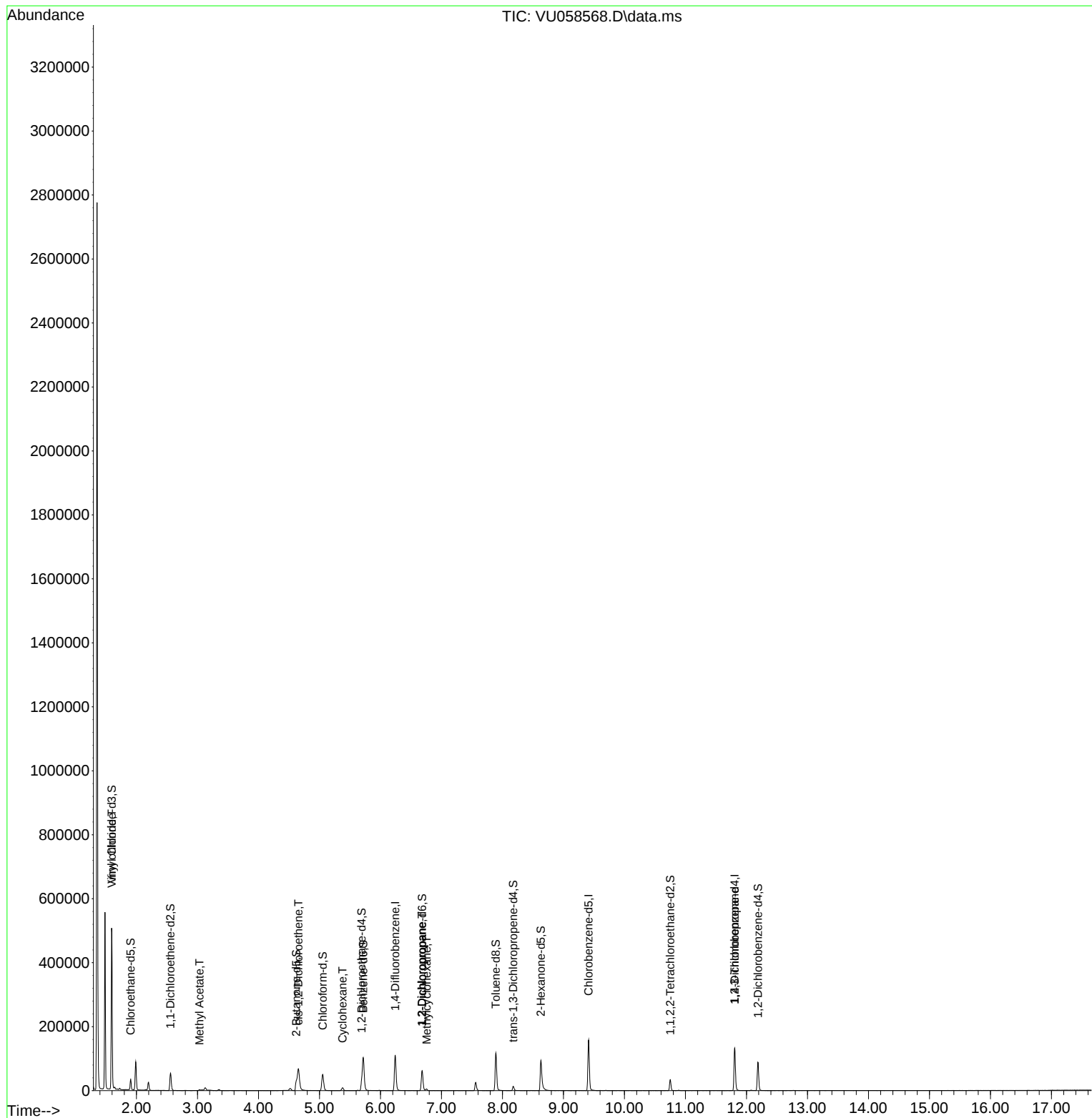
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	85166	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	84528	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	34255	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	24970	4.428	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.600%
7) Chloroethane-d5	1.904	69	21676	4.424	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.400%
11) 1,1-Dichloroethene-d2	2.557	65	10492	4.111	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	82.200%
20) 2-Butanone-d5	4.618	46	48493	40.810	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	81.620%
24) Chloroform-d	5.052	84	47427	4.213	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.200%
26) 1,2-Dichloroethane-d4	5.692	65	23270	4.430	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.600%
32) Benzene-d6	5.718	84	94869	4.169	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.400%
36) 1,2-Dichloropropane-d6	6.682	67	29809	4.177	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	83.600%
41) Toluene-d8	7.891	98	77256	3.828	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	76.600%
43) trans-1,3-Dichloroprop...	8.177	79	8385	3.785	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	75.800%
46) 2-Hexanone-d5	8.627	63	32357	35.412	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	70.820%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	18123	3.597	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	72.000%
66) 1,2-Dichlorobenzene-d4	12.187	152	22907	3.970	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	79.400%#
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.596	62	65675	7.569	ug/L	99
15) Methyl Acetate	3.033	43	1245	0.520	ug/L #	55
22) cis-1,2-Dichloroethene	4.657	96	30486	4.291	ug/L	100
30) Cyclohexane	5.377	56	4095	0.342	ug/L	96
35) Methylcyclohexane	6.756	83	1777	0.153	ug/L	93
37) 1,2-Dichloropropane	6.679	63	3242	0.402	ug/L #	90
61) 1,2,3-Trichloropropane	11.804	75	4828	1.381	ug/L #	71

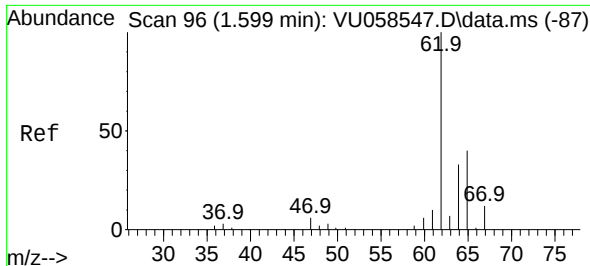
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_U
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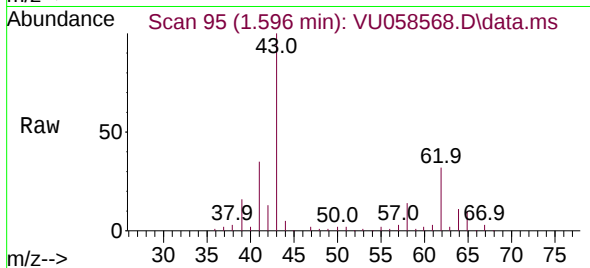
Quant Time: Apr 11 01:33:49 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR040424WMA.M
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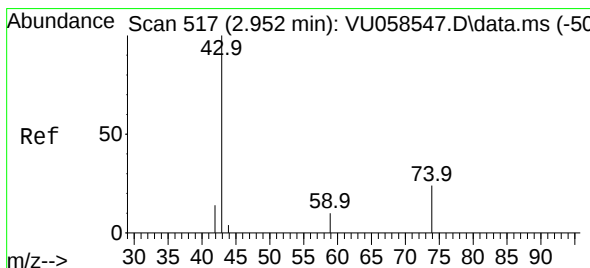
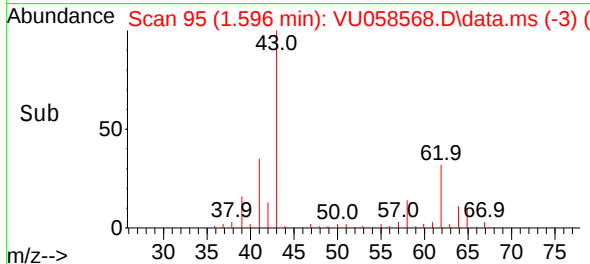
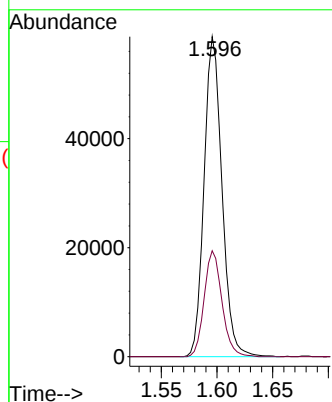


#5
 Vinyl chloride
 Concen: 7.569 ug/L
 RT: 1.596 min Scan# 96
 Delta R.T. -0.003 min
 Lab File: VU058568.D
 Acq: 10 Apr 2024 18:29

Instrument :
 MSVOA_U
 ClientSampleId :

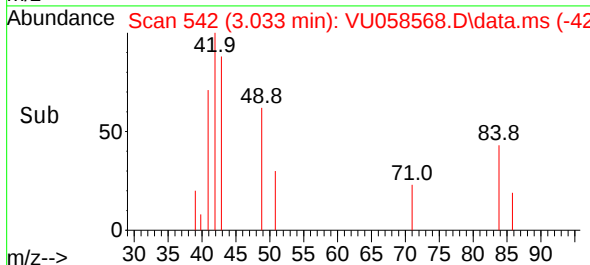
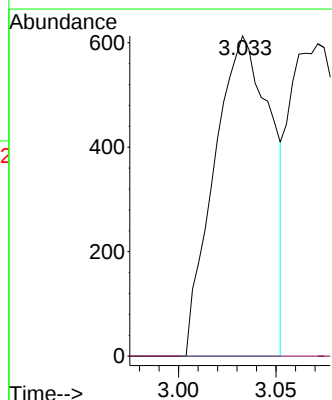
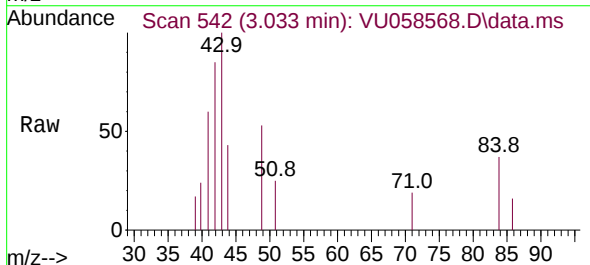


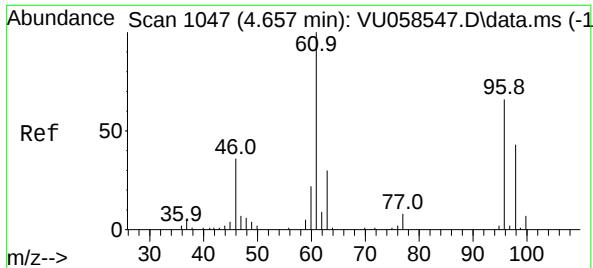
Tgt Ion: 62 Resp: 65675
 Ion Ratio Lower Upper
 62 100
 64 33.1 22.6 42.0



#15
 Methyl Acetate
 Concen: 0.520 ug/L
 RT: 3.033 min Scan# 542
 Delta R.T. 0.080 min
 Lab File: VU058568.D
 Acq: 10 Apr 2024 18:29

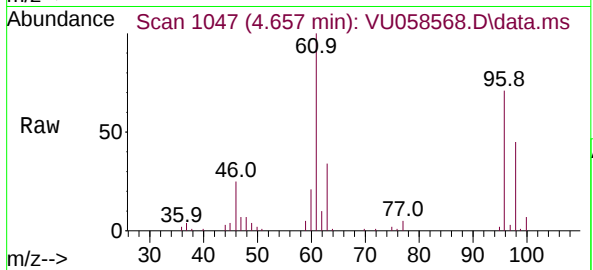
Tgt Ion: 43 Resp: 1245
 Ion Ratio Lower Upper
 43 100
 74 0.0 16.6 25.0#



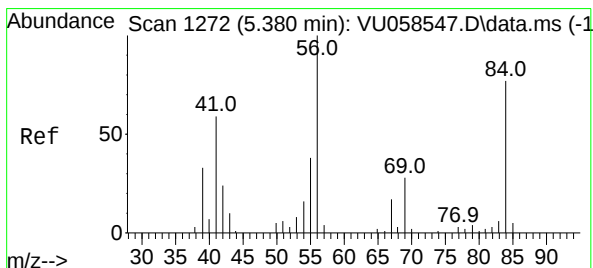
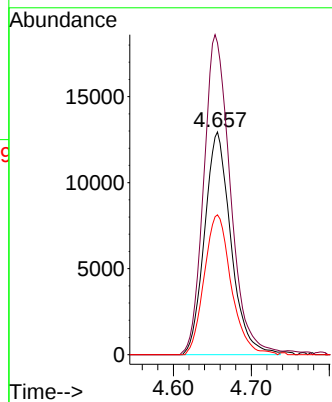
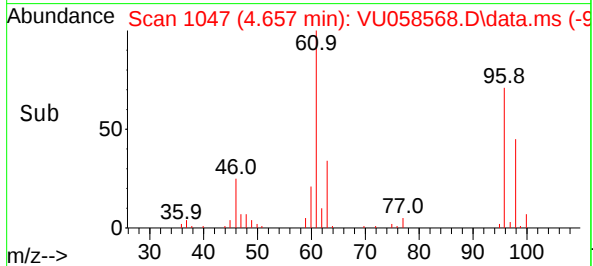


#22
 cis-1,2-Dichloroethene
 Concen: 4.291 ug/L
 RT: 4.657 min Scan# 1047
 Delta R.T. 0.000 min
 Lab File: VU058568.D
 Acq: 10 Apr 2024 18:29

Instrument :
 MSVOA_U
 ClientSampleId :

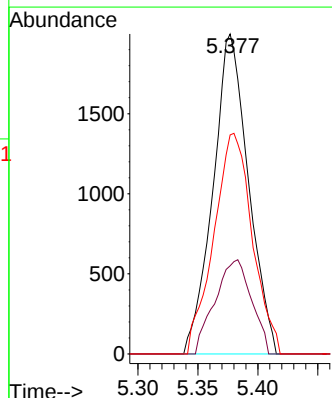
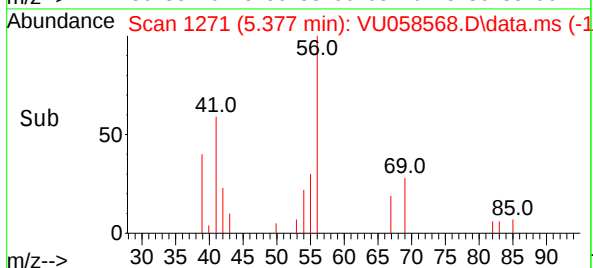
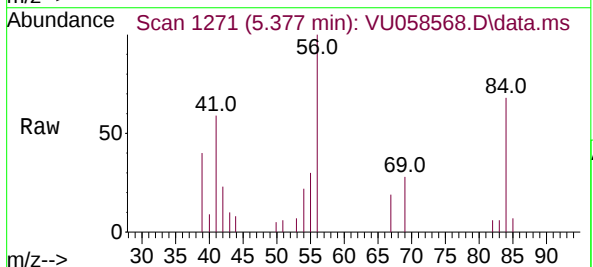


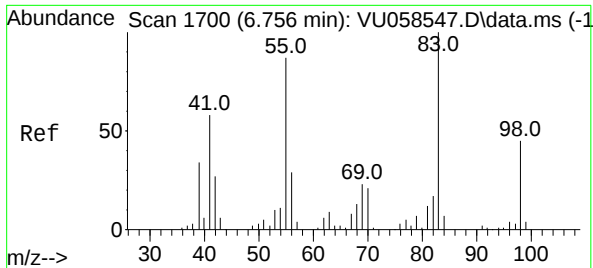
Tgt Ion:	96	Resp:	30486
Ion	Ratio	Lower	Upper
96	100		
61	140.0	98.1	182.3
98	62.8	43.6	81.0



#30
 Cyclohexane
 Concen: 0.342 ug/L
 RT: 5.377 min Scan# 1271
 Delta R.T. -0.003 min
 Lab File: VU058568.D
 Acq: 10 Apr 2024 18:29

Tgt Ion:	56	Resp:	4095
Ion	Ratio	Lower	Upper
56	100		
69	30.4	23.2	34.8
84	75.2	63.3	94.9





#35

Methylcyclohexane

Concen: 0.153 ug/L

RT: 6.756 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU058568.D

Acq: 10 Apr 2024 18:29

Instrument :

MSVOA_U

ClientSampleId :

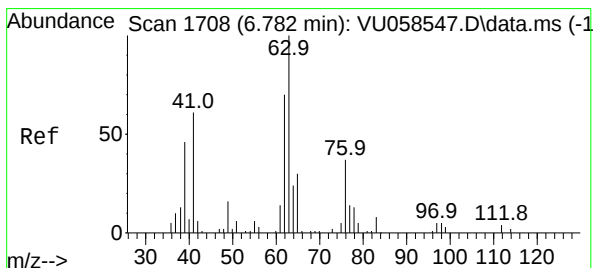
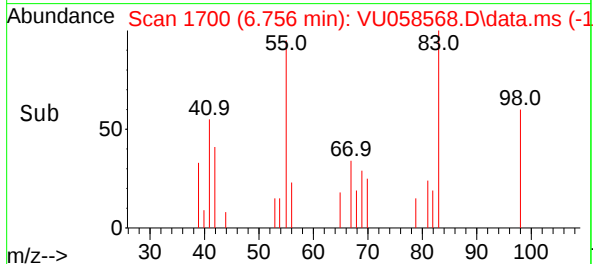
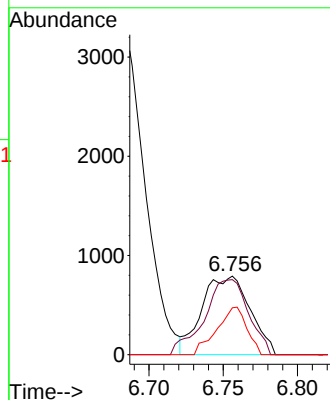
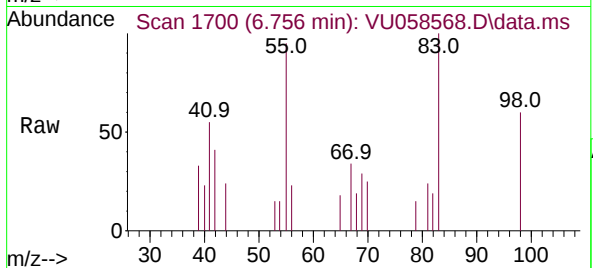
Tgt Ion: 83 Resp: 1777

Ion Ratio Lower Upper

83 100

55 88.0 66.2 99.4

98 37.8 34.6 52.0



#37

1,2-Dichloropropane

Concen: 0.402 ug/L

RT: 6.679 min Scan# 1676

Delta R.T. -0.103 min

Lab File: VU058568.D

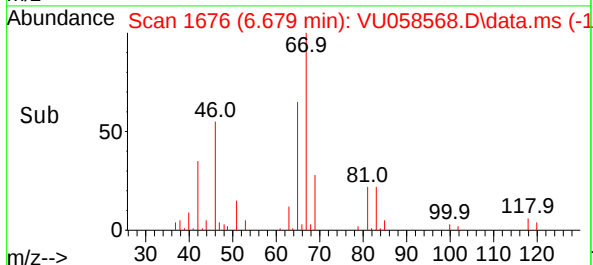
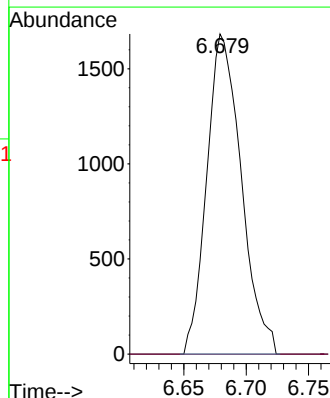
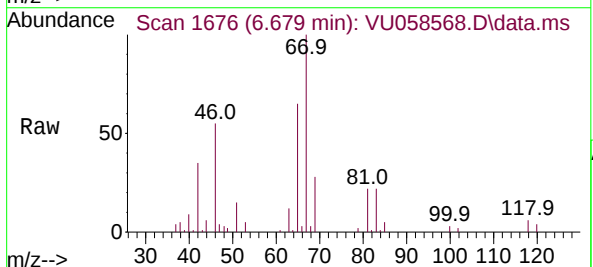
Acq: 10 Apr 2024 18:29

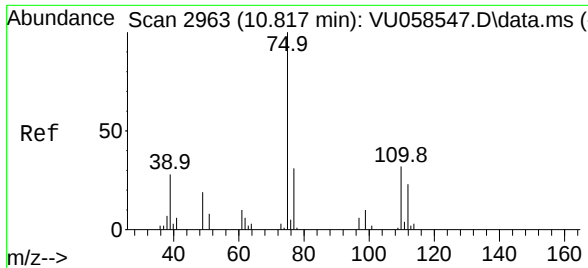
Tgt Ion: 63 Resp: 3242

Ion Ratio Lower Upper

63 100

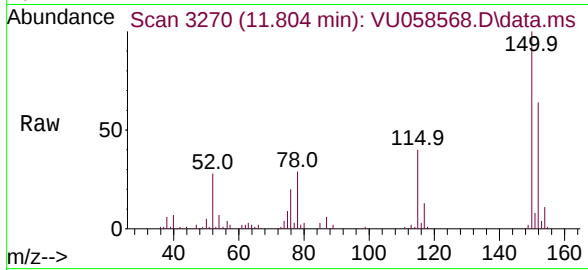
112 0.0 2.6 4.0#





#61
1,2,3-Trichloropropane
Concen: 1.381 ug/L
RT: 11.804 min Scan# 31
Delta R.T. 0.987 min
Lab File: VU058568.D
Acq: 10 Apr 2024 18:29

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:	75	Resp:	4828
Ion	Ratio	Lower	Upper
75	100		
110	0.0	25.8	38.6#
77	31.2	25.1	37.7

