

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091523\
 Data File : VU055349.D
 Acq On : 15 Sep 2023 19:26
 Operator : MD/SY
 Sample : 04380-10
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 16 00:44:47 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091523WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Sep 16 00:42:29 2023
 Response via : Initial Calibration

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

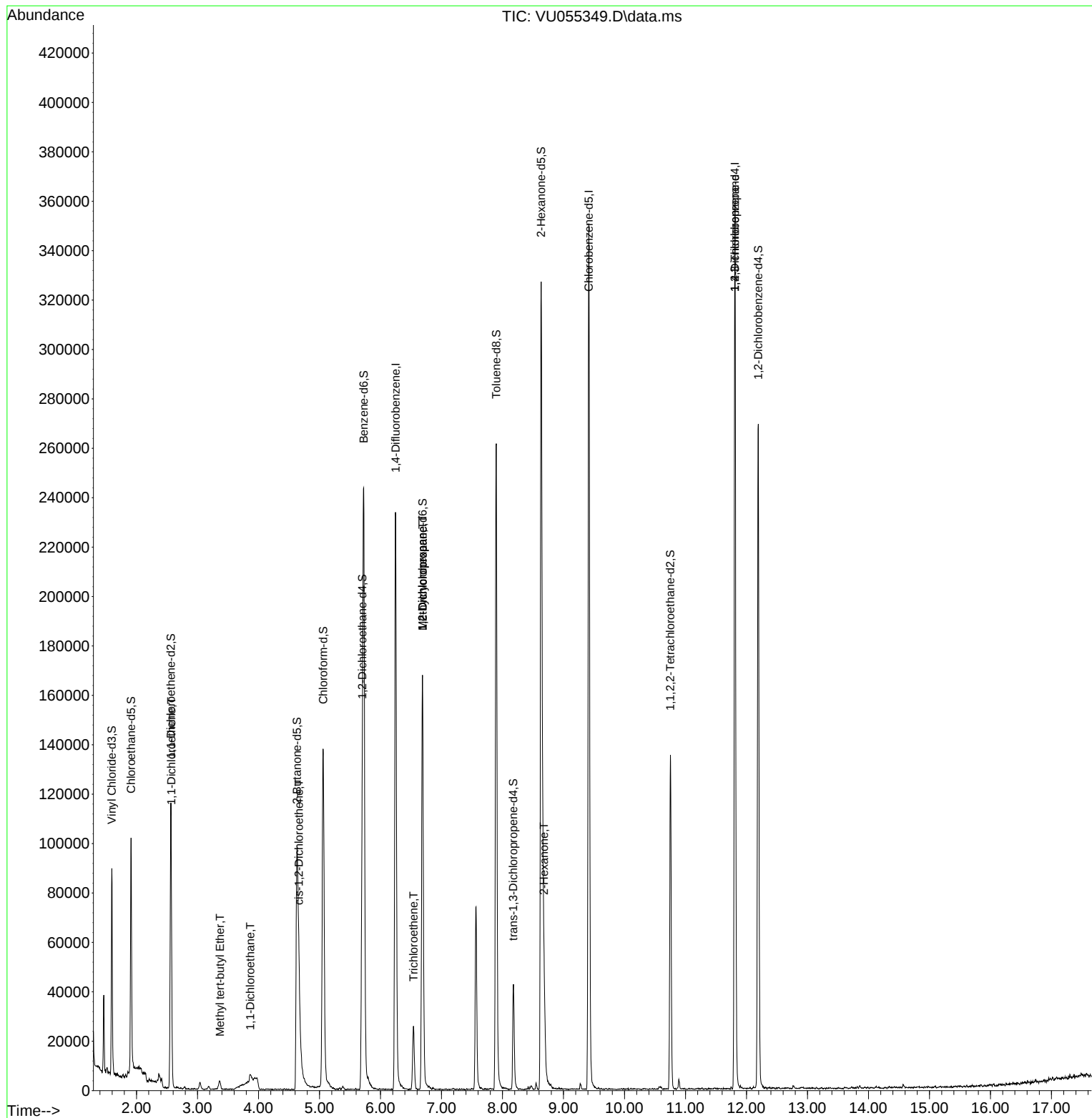
Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	189619	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	195322	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.810	152	89771	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	57594	5.285	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	105.600%
7) Chloroethane-d5	1.911	69	66789	5.429	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	108.600%
11) 1,1-Dichloroethene-d2	2.563	65	21645	5.491	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	109.800%
20) 2-Butanone-d5	4.631	46	184770	61.308	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	122.620%
24) Chloroform-d	5.058	84	127833	5.252	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.000%
26) 1,2-Dichloroethane-d4	5.701	65	69191	5.633	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	112.600%
32) Benzene-d6	5.724	84	228357	5.577	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	111.600%
36) 1,2-Dichloropropane-d6	6.688	67	79672	5.711	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	114.200%
41) Toluene-d8	7.897	98	179720	5.091	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.800%
43) trans-1,3-Dichloroprop...	8.177	79	25186	5.088	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	101.800%
46) 2-Hexanone-d5	8.634	63	105416	58.530	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	117.060%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	67441	5.559	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	111.200%
66) 1,2-Dichlorobenzene-d4	12.193	152	67907	5.874	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	117.400%
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.570	96	2079	0.156	ug/L #	1
17) Methyl tert-butyl Ether	3.367	73	3729	0.117	ug/L #	82
19) 1,1-Dichloroethane	3.865	63	3622	0.127	ug/L #	94
22) cis-1,2-Dichloroethene	4.663	96	4903	0.286	ug/L	90
34) Trichloroethene	6.541	95	8101	0.440	ug/L	96
35) Methylcyclohexane	6.688	83	18890	0.706	ug/L #	20
37) 1,2-Dichloropropane	6.688	63	9198	0.542	ug/L #	89
48) 2-Hexanone	8.679	43	24618	4.055	ug/L #	64
61) 1,2,3-Trichloropropane	11.810	75	12957	1.490	ug/L #	65

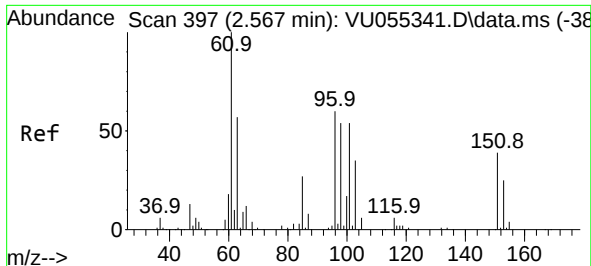
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 0.156 ug/L

RT: 2.570 min Scan# 397

Delta R.T. 0.003 min

Lab File: VU055349.D

Acq: 15 Sep 2023 19:26

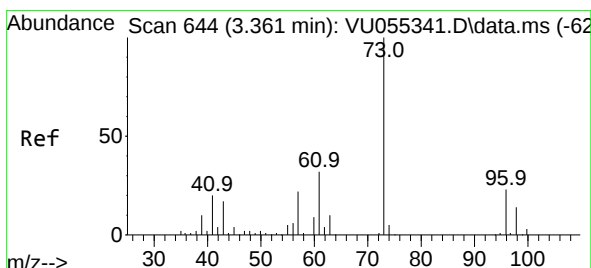
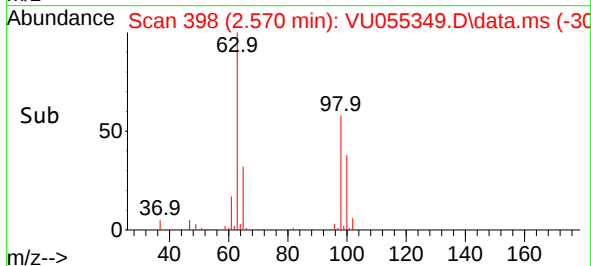
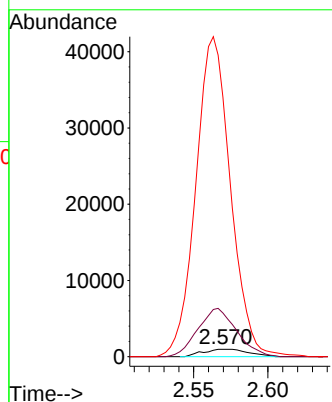
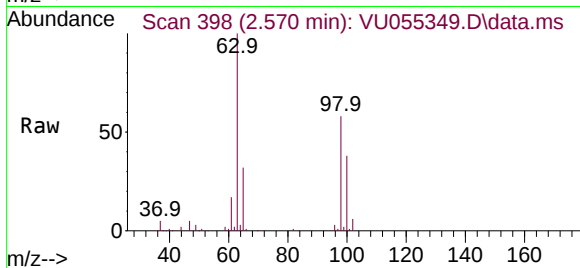
Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 96 Resp: 2079

Ion	Ratio	Lower	Upper
96	100		
61	589.0	122.8	228.0#
63	3502.1	71.7	133.3#



#17

Methyl tert-butyl Ether

Concen: 0.117 ug/L

RT: 3.367 min Scan# 646

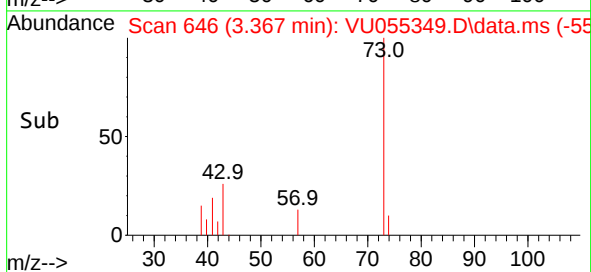
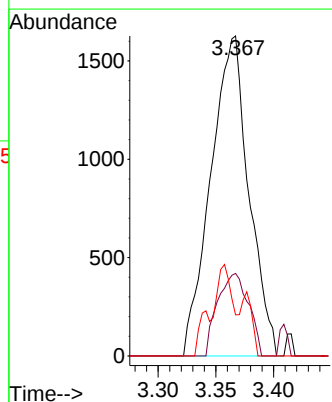
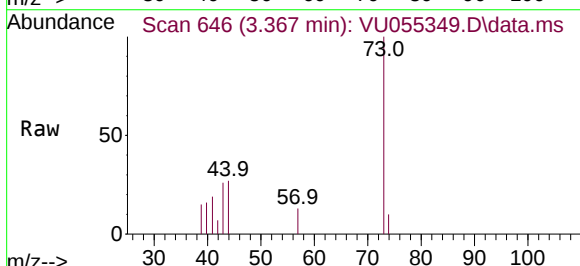
Delta R.T. 0.006 min

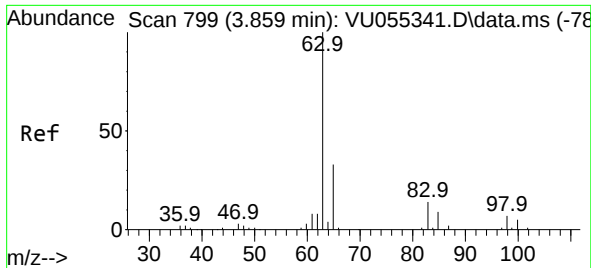
Lab File: VU055349.D

Acq: 15 Sep 2023 19:26

Tgt Ion: 73 Resp: 3729

Ion	Ratio	Lower	Upper
73	100		
43	20.9	16.0	24.0
57	6.3	17.2	25.8#

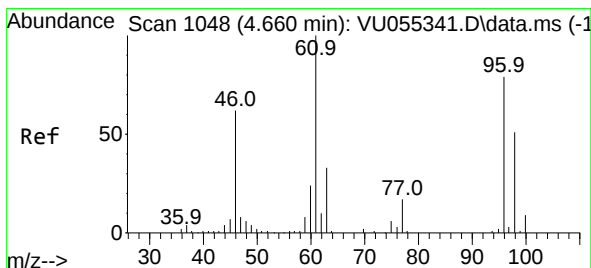
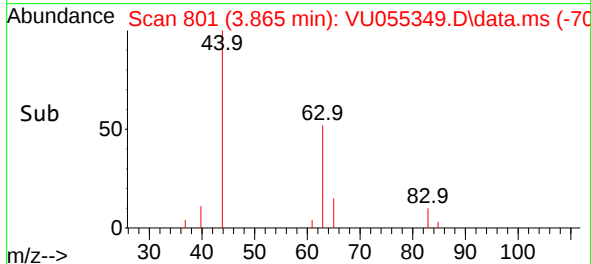
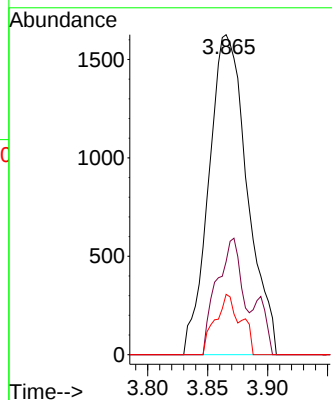
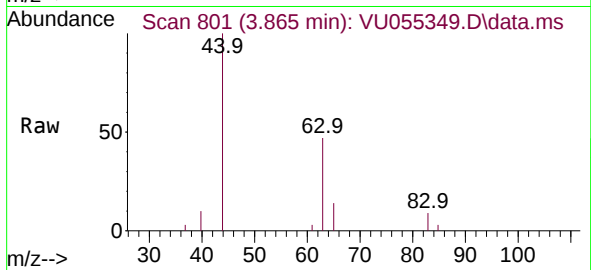




#19
1,1-Dichloroethane
Concen: 0.127 ug/L
RT: 3.865 min Scan# 801
Delta R.T. 0.006 min
Lab File: VU055349.D
Acq: 15 Sep 2023 19:26

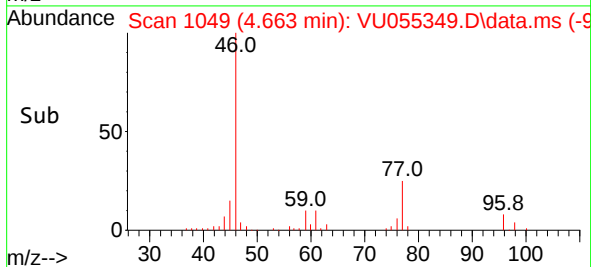
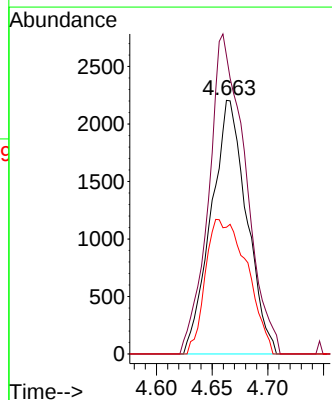
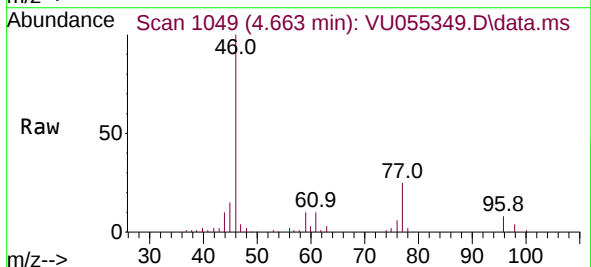
Instrument :
MSVOA_U
ClientSampleId :

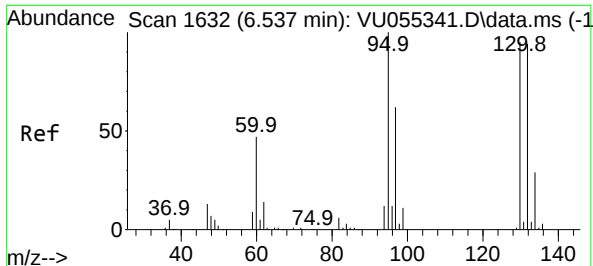
Tgt Ion: 63 Resp: 3622
Ion Ratio Lower Upper
63 100
65 29.1 21.8 40.6
83 18.8 9.7 17.9#



#22
cis-1,2-Dichloroethene
Concen: 0.286 ug/L
RT: 4.663 min Scan# 1049
Delta R.T. 0.003 min
Lab File: VU055349.D
Acq: 15 Sep 2023 19:26

Tgt Ion: 96 Resp: 4903
Ion Ratio Lower Upper
96 100
61 117.7 88.1 163.7
98 50.0 43.5 80.7





#34

Trichloroethene

Concen: 0.440 ug/L

RT: 6.541 min Scan# 1

Delta R.T. 0.003 min

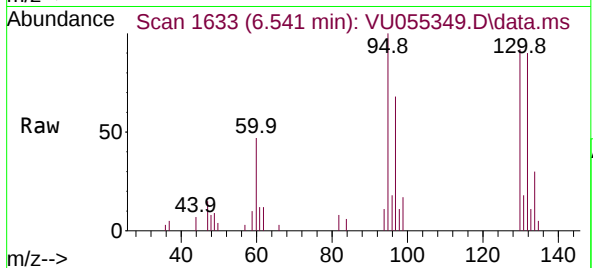
Lab File: VU055349.D

Acq: 15 Sep 2023 19:26

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion: 95 Resp: 8101

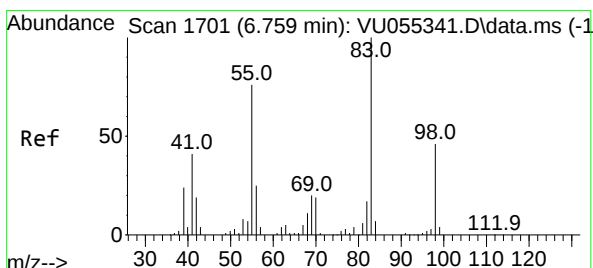
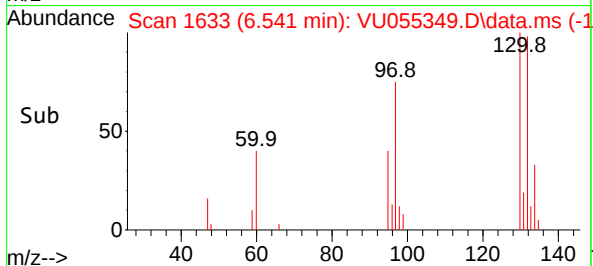
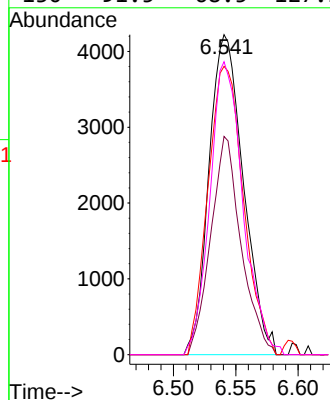
Ion Ratio Lower Upper

95 100

97 68.2 47.4 88.0

132 90.1 60.5 112.3

130 91.5 68.5 127.1



#35

Methylcyclohexane

Concen: 0.706 ug/L

RT: 6.688 min Scan# 1679

Delta R.T. -0.071 min

Lab File: VU055349.D

Acq: 15 Sep 2023 19:26

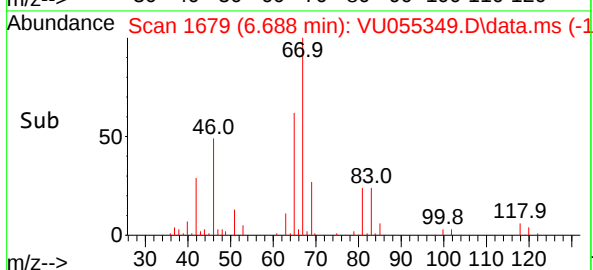
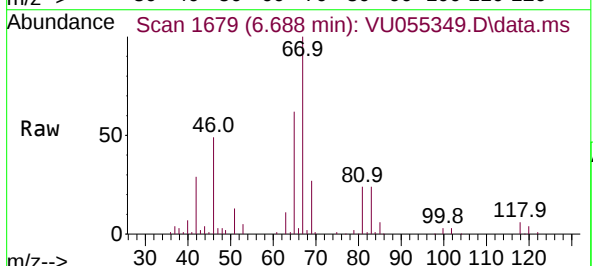
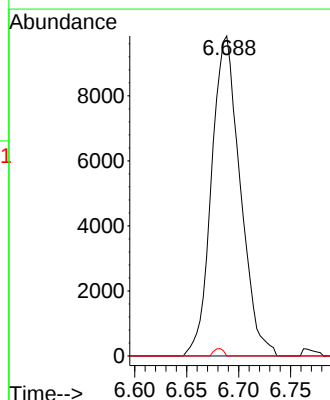
Tgt Ion: 83 Resp: 18890

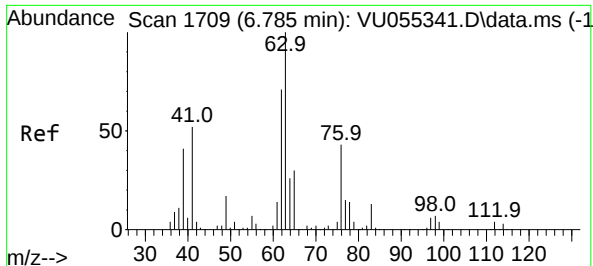
Ion Ratio Lower Upper

83 100

55 0.0 58.7 88.1#

98 0.8 36.3 54.5#





#37

1,2-Dichloropropane

Concen: 0.542 ug/L

RT: 6.688 min Scan# 1

Delta R.T. -0.097 min

Lab File: VU055349.D

Acq: 15 Sep 2023 19:26

Instrument :

MSVOA_U

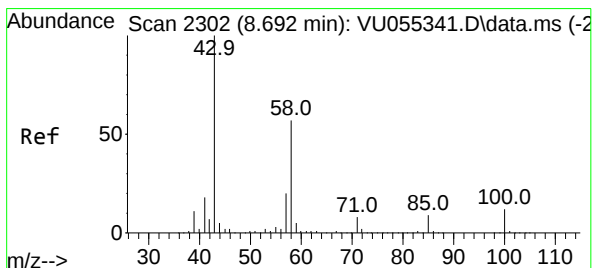
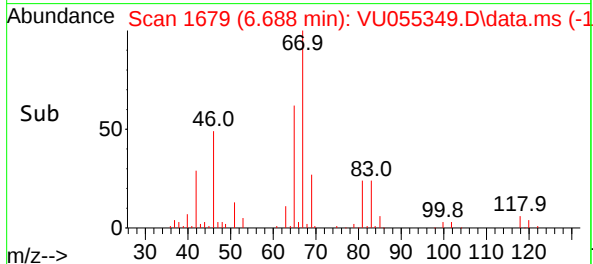
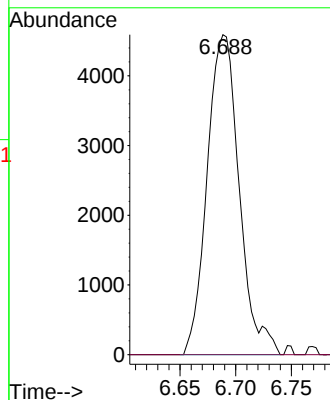
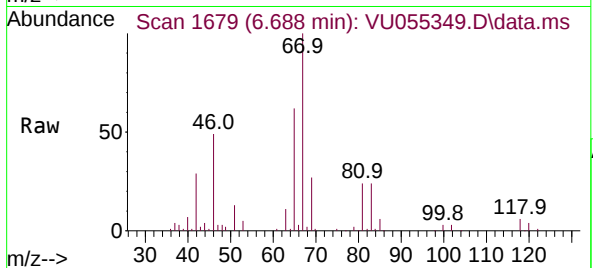
ClientSampleId :

Tgt Ion: 63 Resp: 9198

Ion Ratio Lower Upper

63 100

112 0.0 3.0 4.4#



#48

2-Hexanone

Concen: 4.055 ug/L

RT: 8.679 min Scan# 2298

Delta R.T. -0.013 min

Lab File: VU055349.D

Acq: 15 Sep 2023 19:26

Tgt Ion: 43 Resp: 24618

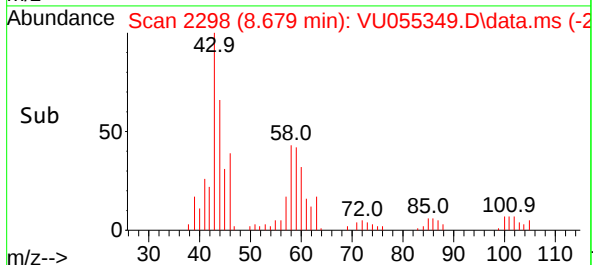
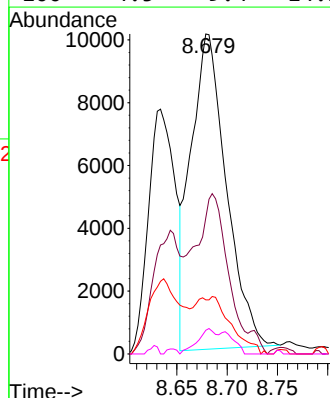
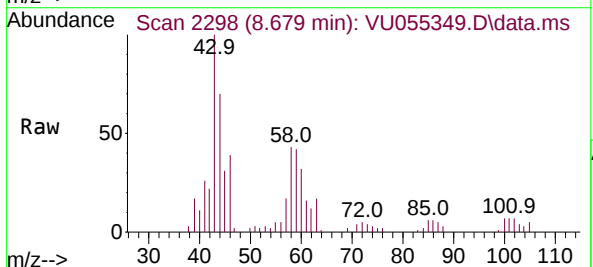
Ion Ratio Lower Upper

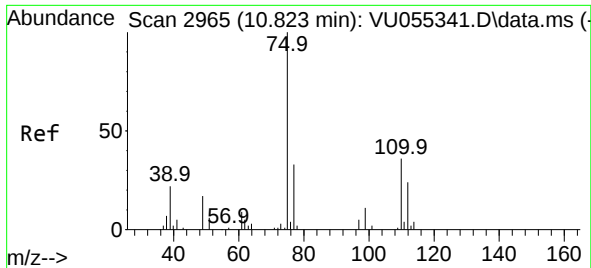
43 100

58 31.0 47.8 71.6#

57 1.4 15.4 23.2#

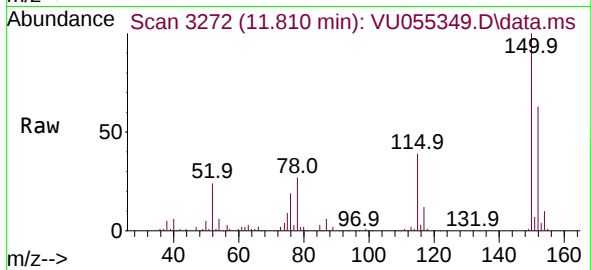
100 4.5 9.4 14.2#





#61
 1,2,3-Trichloropropane
 Concen: 1.490 ug/L
 RT: 11.810 min Scan# 31
 Delta R.T. 0.987 min
 Lab File: VU055349.D
 Acq: 15 Sep 2023 19:26

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75 Resp: 12957
 Ion Ratio Lower Upper
 75 100
 110 2.9 31.4 47.2#
 77 35.0 26.0 39.0

