

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041024\
 Data File : VU058551.D
 Acq On : 10 Apr 2024 11:50
 Operator : MD/SY
 Sample : P1970-11 40X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 11 01:29:44 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)

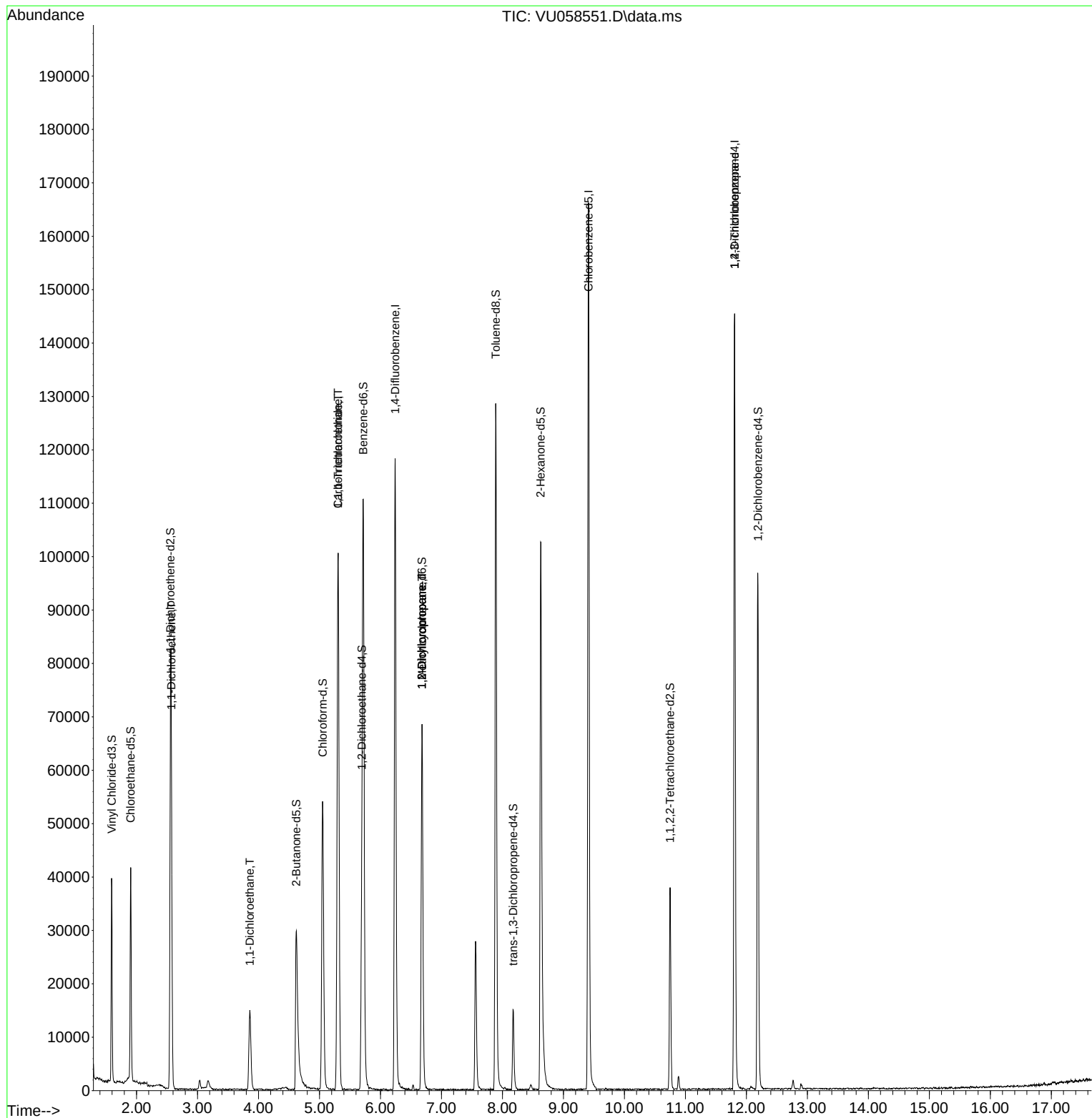
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	91241	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	89012	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	37691	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	26133	4.326	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	86.600%
7) Chloroethane-d5	1.904	69	25498	4.857	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.200%
11) 1,1-Dichloroethene-d2	2.557	65	12143	4.441	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	88.800%
20) 2-Butanone-d5	4.621	46	49106	38.574	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	77.140%
24) Chloroform-d	5.052	84	51576	4.277	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.600%
26) 1,2-Dichloroethane-d4	5.695	65	24413	4.338	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.800%
32) Benzene-d6	5.717	84	101481	4.235	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.600%
36) 1,2-Dichloropropane-d6	6.679	67	32687	4.349	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	87.000%
41) Toluene-d8	7.891	98	85151	4.007	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.200%
43) trans-1,3-Dichloroprop...	8.177	79	9100	3.901	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	78.000%
46) 2-Hexanone-d5	8.627	63	35217	36.601	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	73.200%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	19448	3.666	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	73.400%
66) 1,2-Dichlorobenzene-d4	12.190	152	24588	3.873	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	77.400%#
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.573	96	12177	1.883	ug/L #	72
19) 1,1-Dichloroethane	3.859	63	17898	1.210	ug/L	99
29) 1,1,1-Trichloroethane	5.306	97	70622	5.918	ug/L	99
31) Carbon tetrachloride	5.306	117	8800	0.871	ug/L	98
35) Methylcyclohexane	6.682	83	6881	0.562	ug/L #	16
37) 1,2-Dichloropropane	6.679	63	3555	0.419	ug/L #	90
61) 1,2,3-Trichloropropane	11.807	75	5328	1.385	ug/L #	68

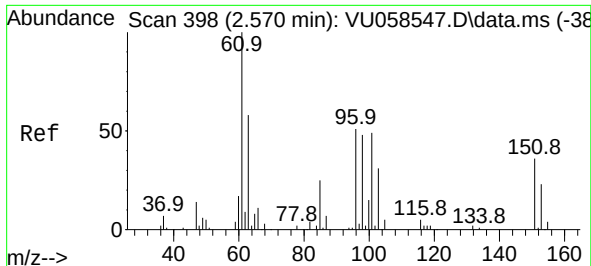
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 1.883 ug/L

RT: 2.573 min Scan# 398

Delta R.T. 0.003 min

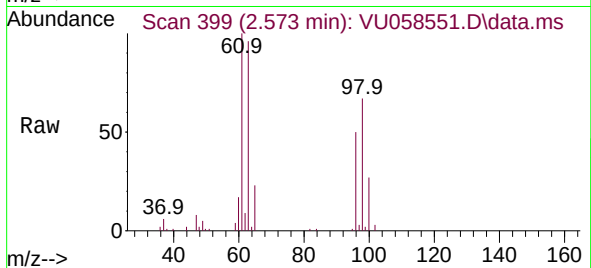
Lab File: VU058551.D

Acq: 10 Apr 2024 11:50

Instrument :

MSVOA_U

ClientSampleId :



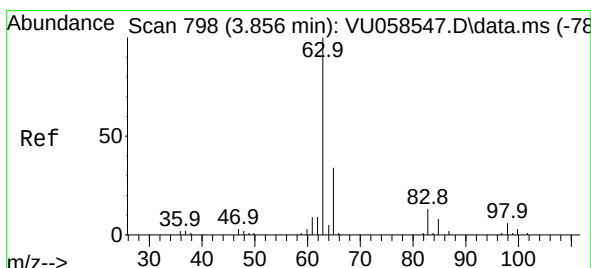
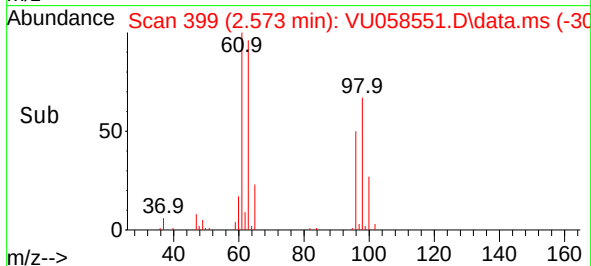
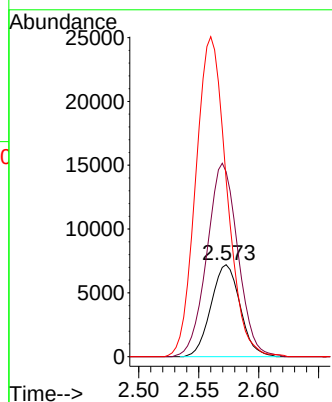
Tgt Ion: 96 Resp: 12177

Ion Ratio Lower Upper

96 100

61 201.1 132.5 246.1

63 192.5 87.7 162.9#



#19

1,1-Dichloroethane

Concen: 1.210 ug/L

RT: 3.859 min Scan# 799

Delta R.T. 0.003 min

Lab File: VU058551.D

Acq: 10 Apr 2024 11:50

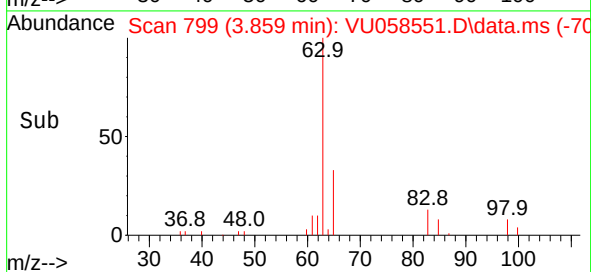
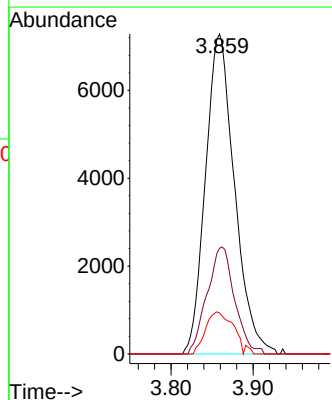
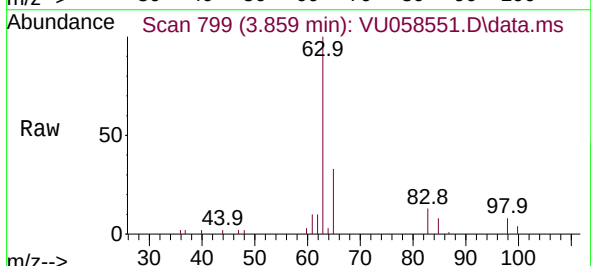
Tgt Ion: 63 Resp: 17898

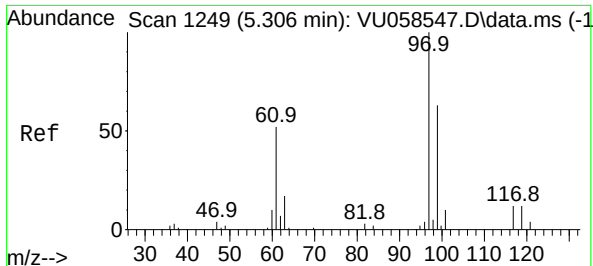
Ion Ratio Lower Upper

63 100

65 33.0 22.9 42.5

83 12.8 9.6 17.8

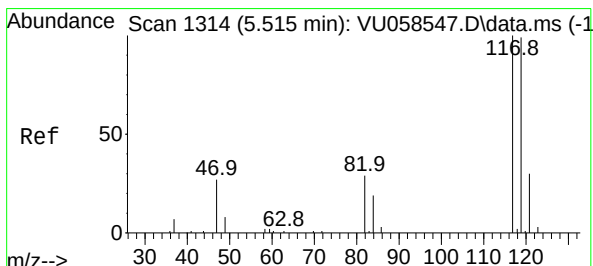
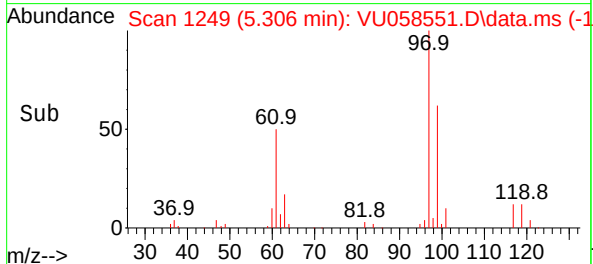
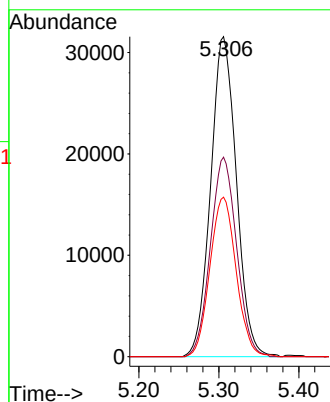
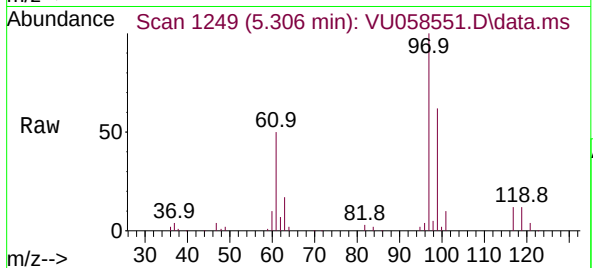




#29
1,1,1-Trichloroethane
Concen: 5.918 ug/L
RT: 5.306 min Scan# 1249
Delta R.T. -0.000 min
Lab File: VU058551.D
Acq: 10 Apr 2024 11:50

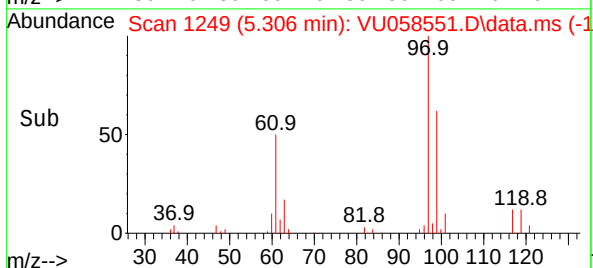
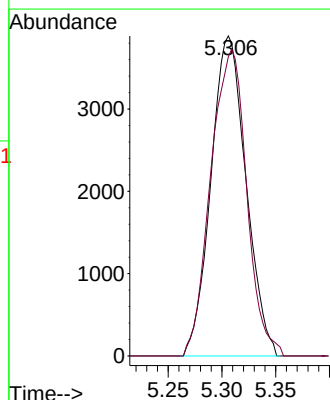
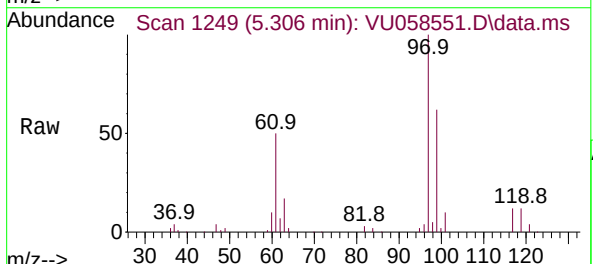
Instrument :
MSVOA_U
ClientSampleId :

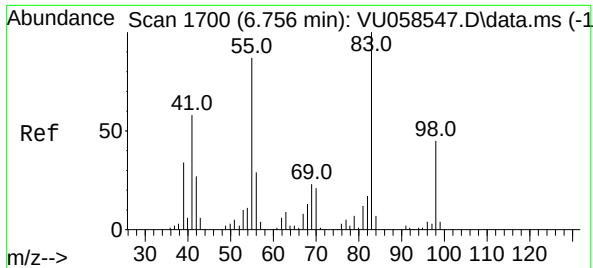
Tgt Ion: 97 Resp: 70622
Ion Ratio Lower Upper
97 100
99 63.6 50.4 75.6
61 50.8 39.4 59.0



#31
Carbon tetrachloride
Concen: 0.871 ug/L
RT: 5.306 min Scan# 1249
Delta R.T. -0.209 min
Lab File: VU058551.D
Acq: 10 Apr 2024 11:50

Tgt Ion:117 Resp: 8800
Ion Ratio Lower Upper
117 100
119 98.3 76.7 115.1





#35

Methylcyclohexane

Concen: 0.562 ug/L

RT: 6.682 min Scan# 1

Delta R.T. -0.074 min

Lab File: VU058551.D

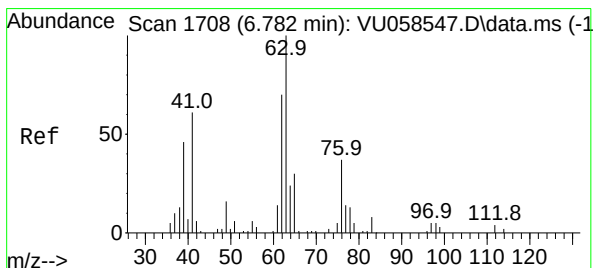
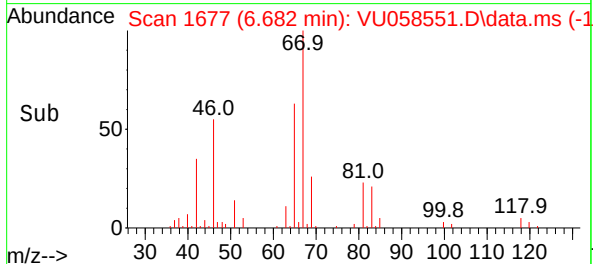
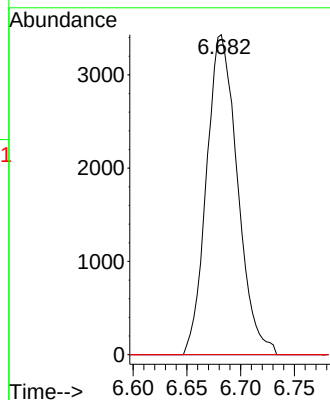
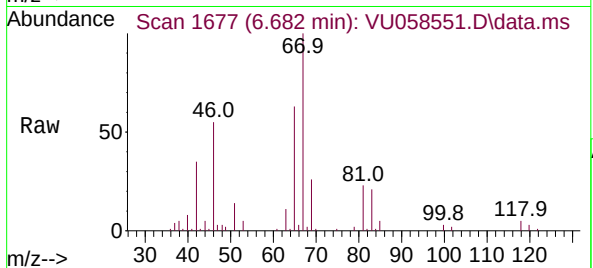
Acq: 10 Apr 2024 11:50

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 83	Resp: 6881
Ion Ratio	Lower Upper
83	100
55	0.0 66.2 99.4#
98	0.0 34.6 52.0#



#37

1,2-Dichloropropane

Concen: 0.419 ug/L

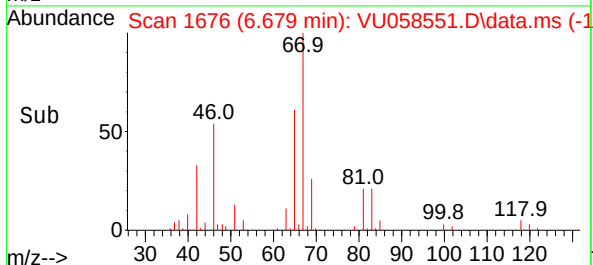
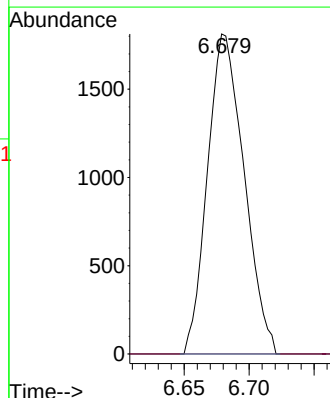
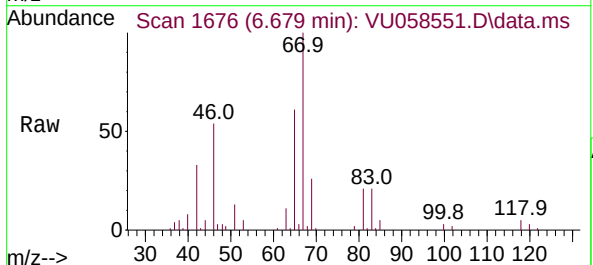
RT: 6.679 min Scan# 1676

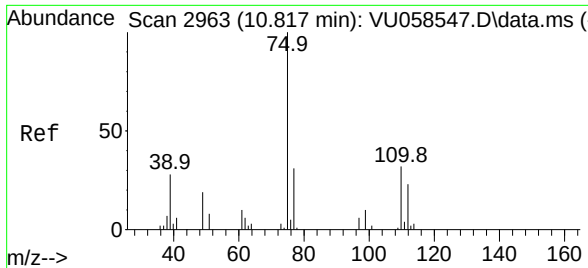
Delta R.T. -0.103 min

Lab File: VU058551.D

Acq: 10 Apr 2024 11:50

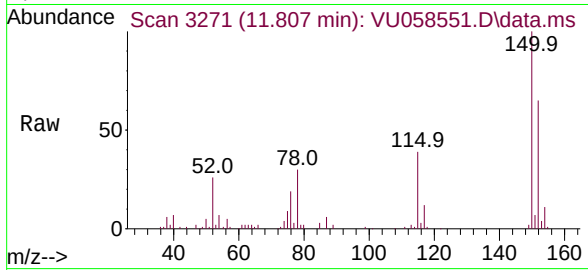
Tgt Ion: 63	Resp: 3555
Ion Ratio	Lower Upper
63	100
112	0.0 2.6 4.0#





#61
 1,2,3-Trichloropropane
 Concen: 1.385 ug/L
 RT: 11.807 min Scan# 31
 Delta R.T. 0.990 min
 Lab File: VU058551.D
 Acq: 10 Apr 2024 11:50

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75	Resp:	5328
Ion	Ratio	Lower Upper
75	100	
110	0.0	25.8 38.6#
77	34.0	25.1 37.7

