

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041024\
 Data File : VU058552.D
 Acq On : 10 Apr 2024 12:14
 Operator : MD/SY
 Sample : P1970-12 100X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 11 01:29:57 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

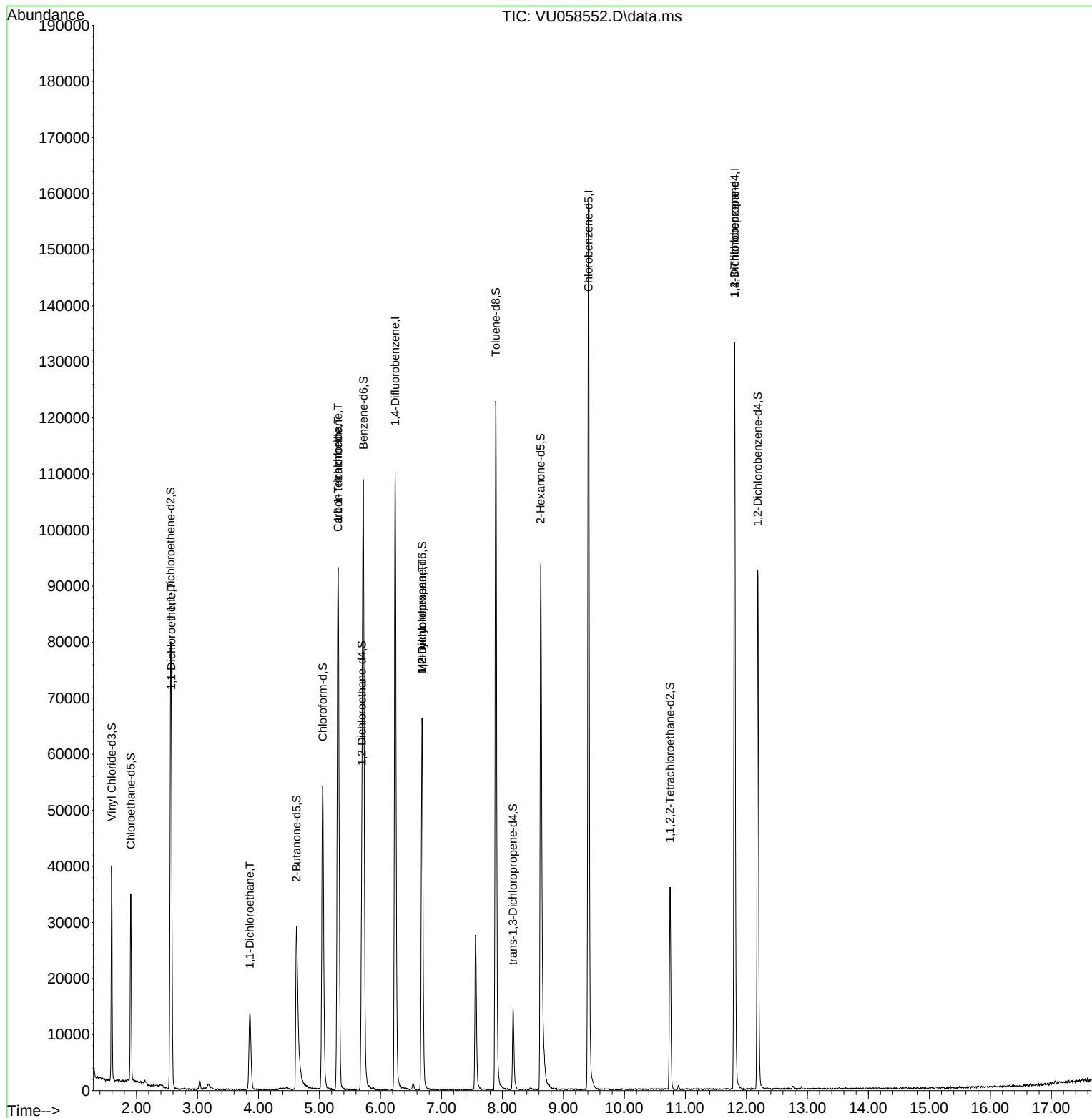
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	85783	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	83399	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	34257	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	25721	4.529	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	90.600%
7) Chloroethane-d5	1.907	69	22283	4.515	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.200%
11) 1,1-Dichloroethene-d2	2.560	65	11693	4.549	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	91.000%
20) 2-Butanone-d5	4.624	46	47944	40.058	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	80.120%
24) Chloroform-d	5.052	84	50091	4.418	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.400%
26) 1,2-Dichloroethane-d4	5.695	65	24470	4.625	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.400%
32) Benzene-d6	5.721	84	99619	4.437	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.800%
36) 1,2-Dichloropropane-d6	6.682	67	32229	4.577	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.600%
41) Toluene-d8	7.891	98	81162	4.076	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.600%
43) trans-1,3-Dichloroprop...	8.174	79	8797	4.025	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.400%
46) 2-Hexanone-d5	8.627	63	32307	35.836	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	71.680%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	18687	3.759	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	75.200%
66) 1,2-Dichlorobenzene-d4	12.187	152	23819	4.128	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	82.600%
Target Compounds						
12) 1,1-Dichloroethene	2.573	96	11569	1.903	ug/L #	66
19) 1,1-Dichloroethane	3.859	63	17024	1.224	ug/L	98
29) 1,1,1-Trichloroethane	5.306	97	64374	5.757	ug/L	95
31) Carbon tetrachloride	5.303	117	8150	0.861	ug/L	99
35) Methylcyclohexane	6.682	83	6491	0.565	ug/L #	16
37) 1,2-Dichloropropane	6.682	63	3437	0.432	ug/L #	90
61) 1,2,3-Trichloropropane	11.807	75	4967	1.421	ug/L #	71

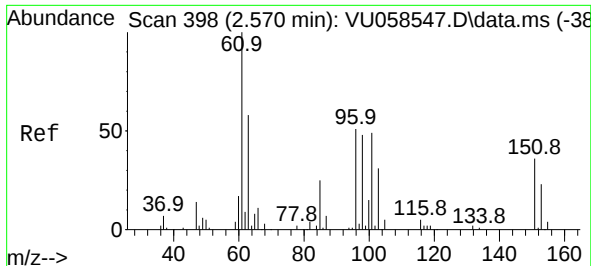
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
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Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Apr 11 01:28:06 2024
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#12

1,1-Dichloroethene

Concen: 1.903 ug/L

RT: 2.573 min Scan# 398

Delta R.T. 0.003 min

Lab File: VU058552.D

Acq: 10 Apr 2024 12:14

Instrument :

MSVOA_U

ClientSampleId :

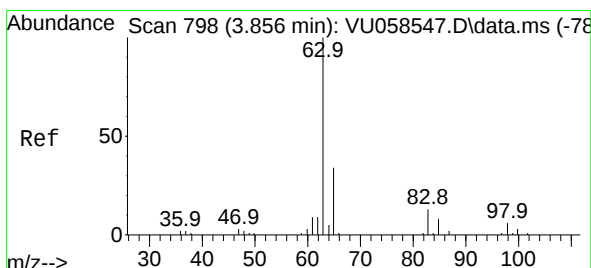
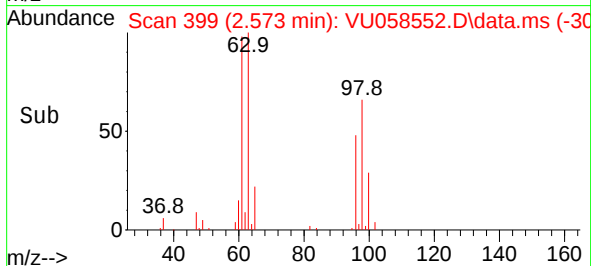
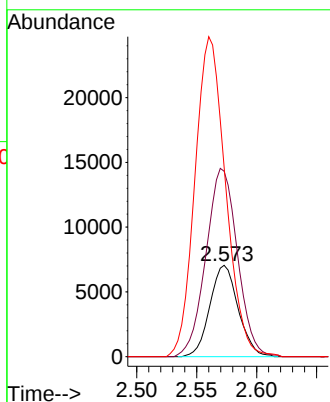
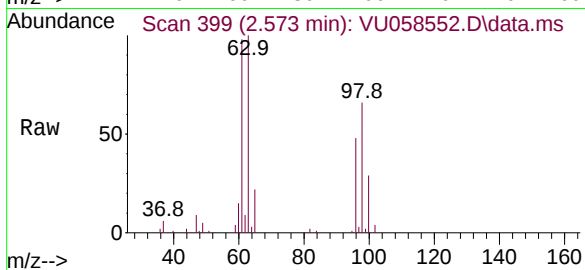
Tgt Ion: 96 Resp: 11569

Ion Ratio Lower Upper

96 100

61 203.1 132.5 246.1

63 207.5 87.7 162.9#



#19

1,1-Dichloroethane

Concen: 1.224 ug/L

RT: 3.859 min Scan# 799

Delta R.T. 0.003 min

Lab File: VU058552.D

Acq: 10 Apr 2024 12:14

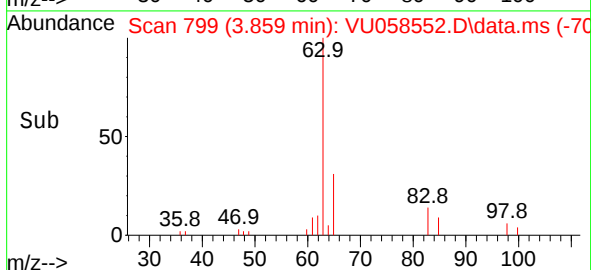
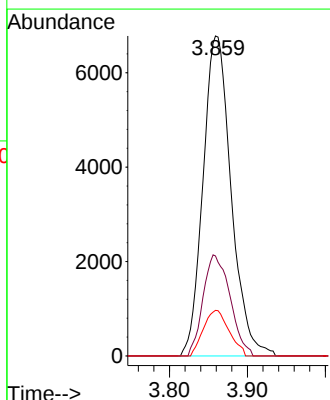
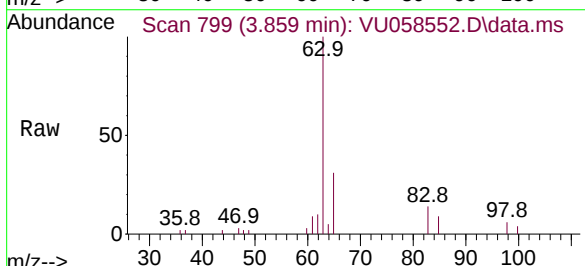
Tgt Ion: 63 Resp: 17024

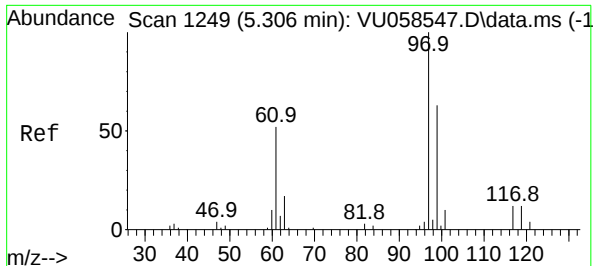
Ion Ratio Lower Upper

63 100

65 31.3 22.9 42.5

83 14.3 9.6 17.8

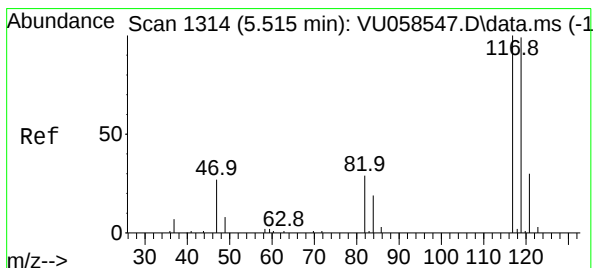
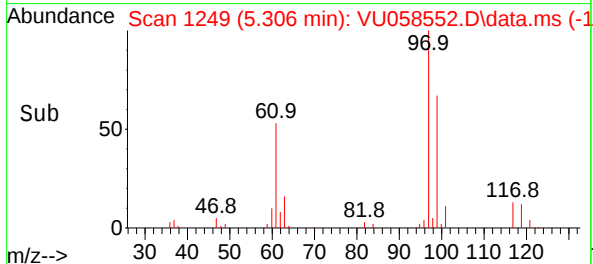
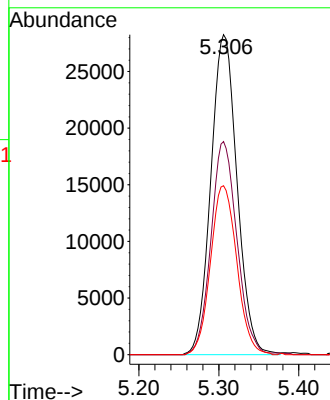
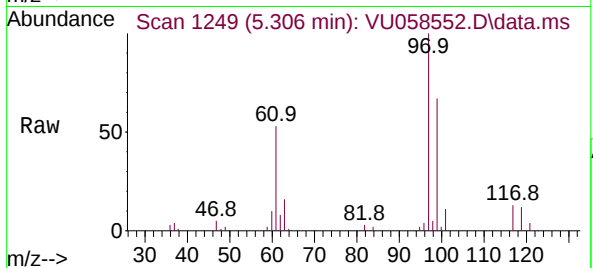




#29
1,1,1-Trichloroethane
Concen: 5.757 ug/L
RT: 5.306 min Scan# 1249
Delta R.T. -0.000 min
Lab File: VU058552.D
Acq: 10 Apr 2024 12:14

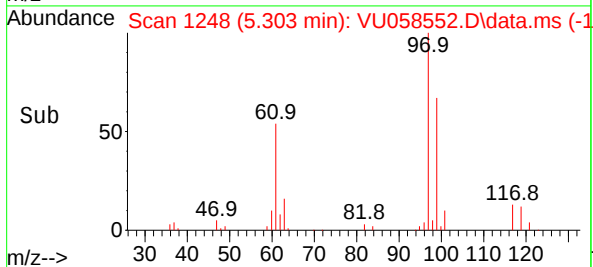
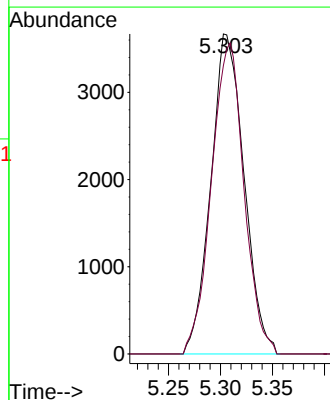
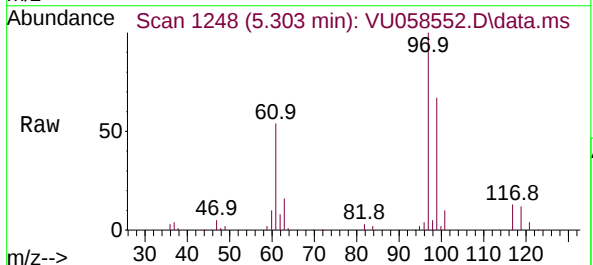
Instrument :
MSVOA_U
ClientSampleId :

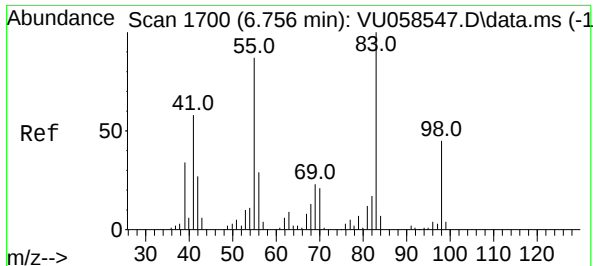
Tgt Ion: 97 Resp: 64374
Ion Ratio Lower Upper
97 100
99 66.2 50.4 75.6
61 52.8 39.4 59.0



#31
Carbon tetrachloride
Concen: 0.861 ug/L
RT: 5.303 min Scan# 1248
Delta R.T. -0.212 min
Lab File: VU058552.D
Acq: 10 Apr 2024 12:14

Tgt Ion: 117 Resp: 8150
Ion Ratio Lower Upper
117 100
119 95.3 76.7 115.1





#35

Methylcyclohexane

Concen: 0.565 ug/L

RT: 6.682 min Scan# 1

Delta R.T. -0.074 min

Lab File: VU058552.D

Acq: 10 Apr 2024 12:14

Instrument :

MSVOA_U

ClientSampleId :

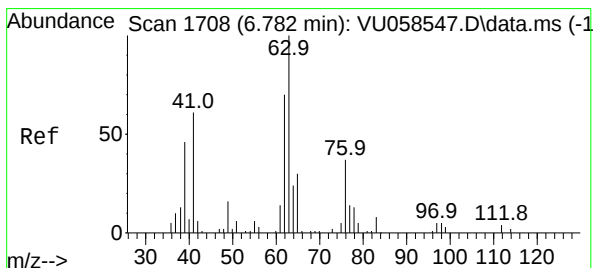
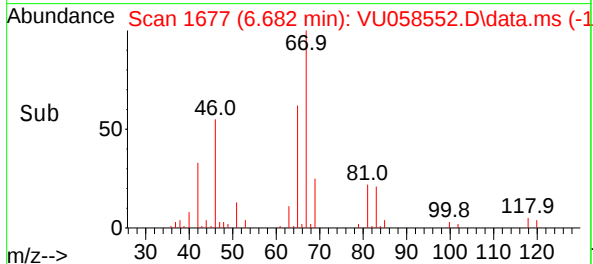
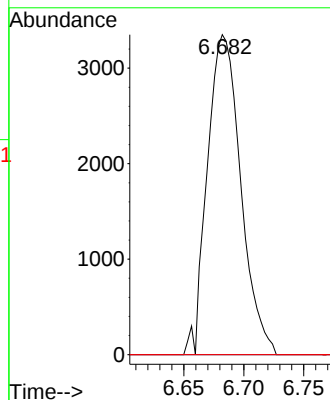
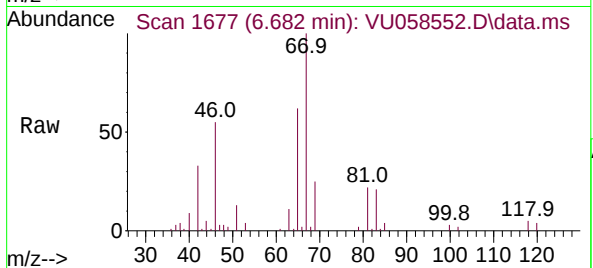
Tgt Ion: 83 Resp: 6491

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: 0.432 ug/L

RT: 6.682 min Scan# 1677

Delta R.T. -0.100 min

Lab File: VU058552.D

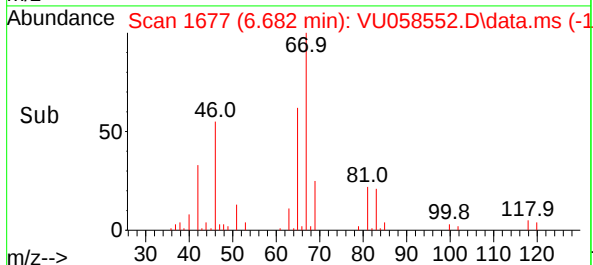
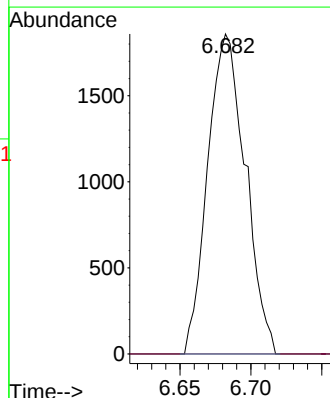
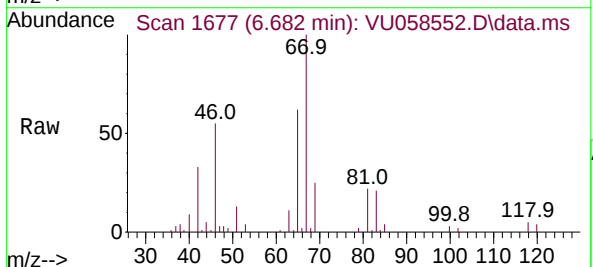
Acq: 10 Apr 2024 12:14

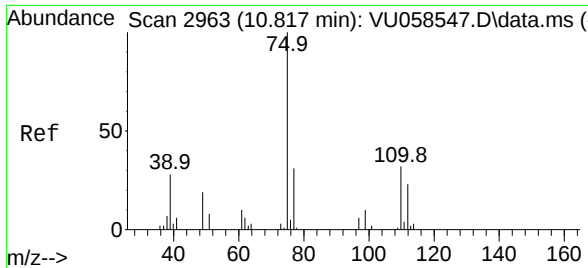
Tgt Ion: 63 Resp: 3437

Ion Ratio Lower Upper

63 100

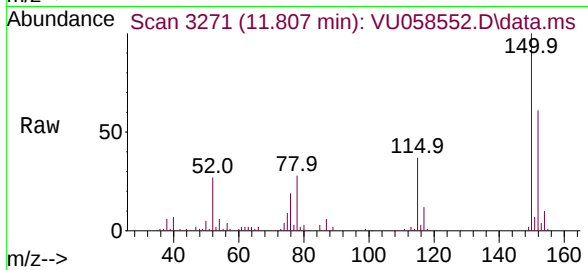
112 0.0 2.6 4.0#





#61
1,2,3-Trichloropropane
Concen: 1.421 ug/L
RT: 11.807 min Scan# 31
Delta R.T. 0.990 min
Lab File: VU058552.D
Acq: 10 Apr 2024 12:14

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 75 Resp: 4967
Ion Ratio Lower Upper
75 100
110 0.0 25.8 38.6#
77 31.4 25.1 37.7

