

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121124\
 Data File : VU062263.D
 Acq On : 12 Dec 2024 01:34
 Operator : MD/SY
 Sample : P5251-19
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 12 02:11:25 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR120924WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Dec 12 01:45:00 2024
 Response via : Initial Calibration

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

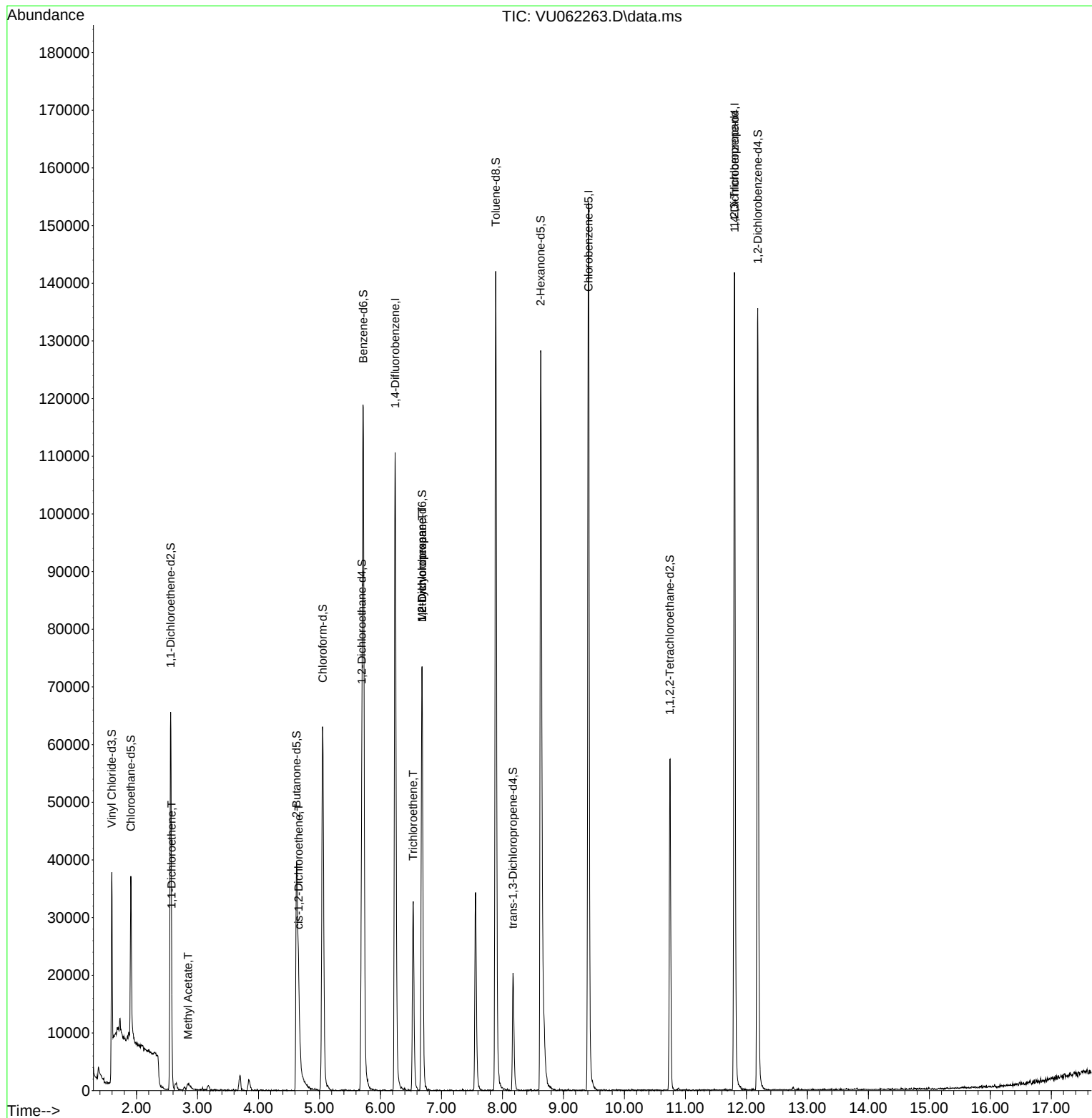
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	93925	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	91662	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	40987	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	23553	3.718	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	74.400%	
7) Chloroethane-d5	1.907	69	19672	4.365	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	87.400%	
11) 1,1-Dichloroethene-d2	2.560	65	12343	4.095	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	82.000%	
20) 2-Butanone-d5	4.624	46	60186	49.570	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	99.140%	
24) Chloroform-d	5.052	84	62287	4.543	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	90.800%	
26) 1,2-Dichloroethane-d4	5.695	65	34185	5.070	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	101.400%	
32) Benzene-d6	5.718	84	113535	4.301	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	86.000%	
36) 1,2-Dichloropropane-d6	6.682	67	34065	4.510	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	90.200%	
41) Toluene-d8	7.891	98	101138	4.055	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	81.200%	
43) trans-1,3-Dichloroprop...	8.174	79	13772	4.142	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	82.800%	
46) 2-Hexanone-d5	8.627	63	45271	45.132	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	90.260%	
56) 1,1,2,2-Tetrachloroeth...	10.746	84	28200	4.798	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	96.000%	
66) 1,2-Dichlorobenzene-d4	12.187	152	38234	5.062	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	101.200%	
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.576	96	1632	0.257	ug/L #	1
15) Methyl Acetate	2.846	43	507	0.245	ug/L #	51
22) cis-1,2-Dichloroethene	4.660	96	4886	0.669	ug/L	91
34) Trichloroethene	6.534	95	11639	1.446	ug/L	92
35) Methylcyclohexane	6.682	83	9041	0.758	ug/L #	19
37) 1,2-Dichloropropane	6.682	63	4292	0.620	ug/L #	87
61) 1,2,3-Trichloropropane	11.804	75	4190	1.106	ug/L #	65

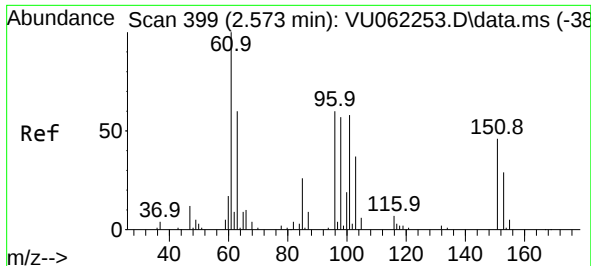
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Dec 12 01:45:00 2024
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.257 ug/L

RT: 2.576 min Scan# 400

Delta R.T. 0.003 min

Lab File: VU062263.D

Acq: 12 Dec 2024 01:34

Instrument :

MSVOA_U

ClientSampleId :

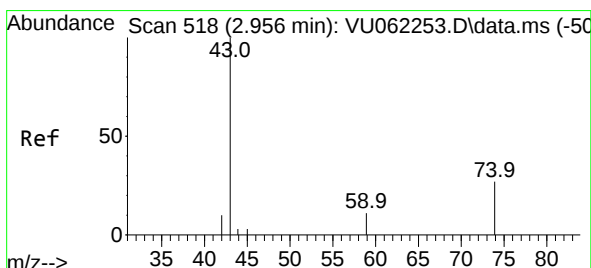
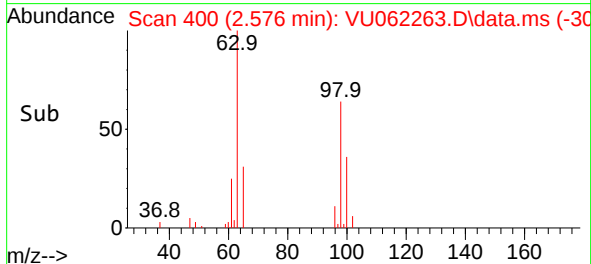
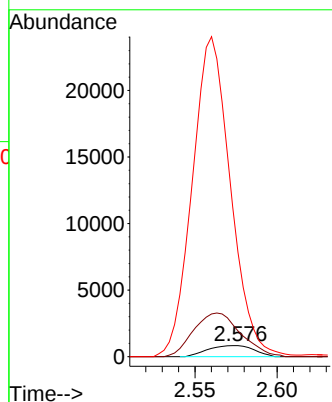
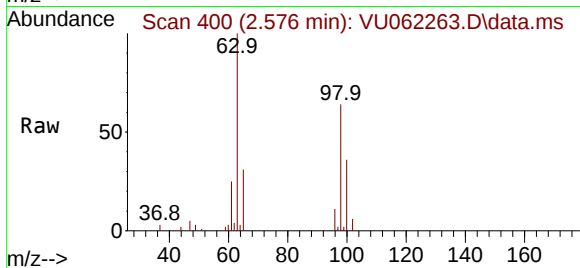
Tgt Ion: 96 Resp: 1632

Ion Ratio Lower Upper

96 100

61 233.7 119.6 222.2#

63 948.1 65.0 120.6#



#15

Methyl Acetate

Concen: 0.245 ug/L

RT: 2.846 min Scan# 484

Delta R.T. -0.109 min

Lab File: VU062263.D

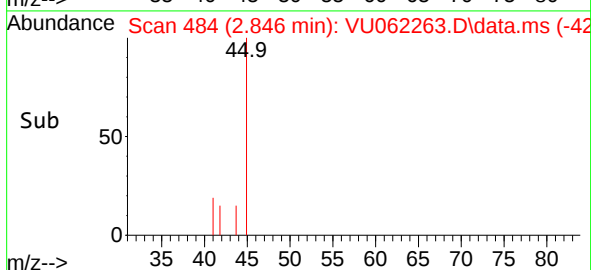
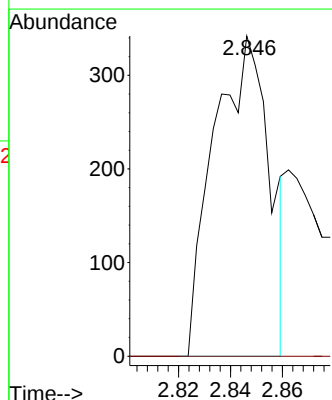
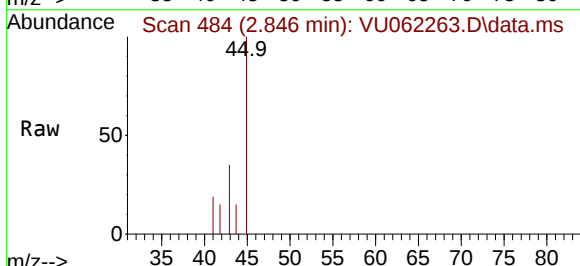
Acq: 12 Dec 2024 01:34

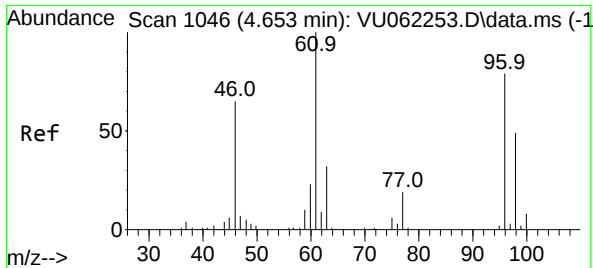
Tgt Ion: 43 Resp: 507

Ion Ratio Lower Upper

43 100

74 0.0 19.4 29.2#

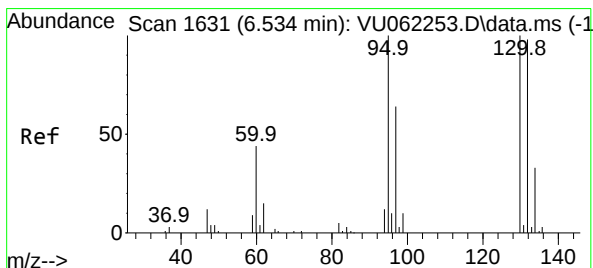
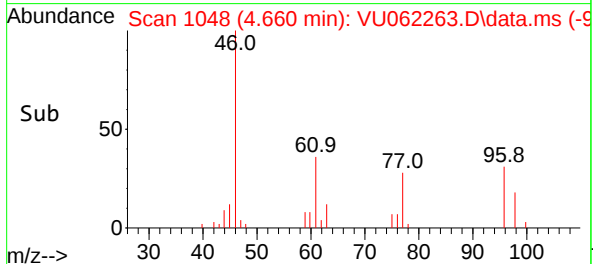
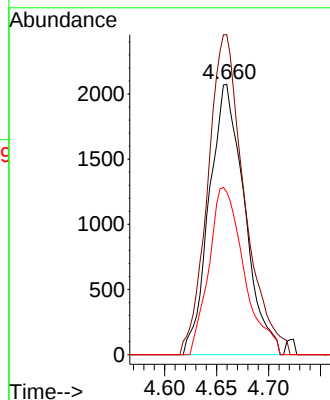
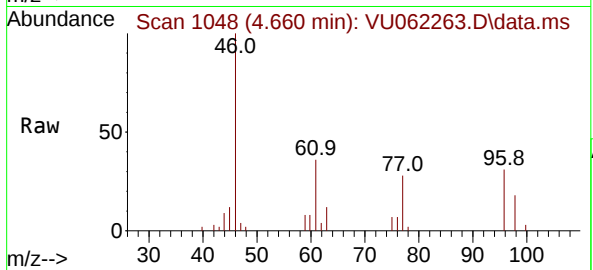




#22
 cis-1,2-Dichloroethene
 Concen: 0.669 ug/L
 RT: 4.660 min Scan# 1048
 Delta R.T. 0.006 min
 Lab File: VU062263.D
 Acq: 12 Dec 2024 01:34

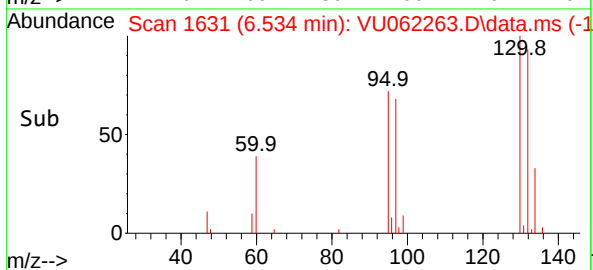
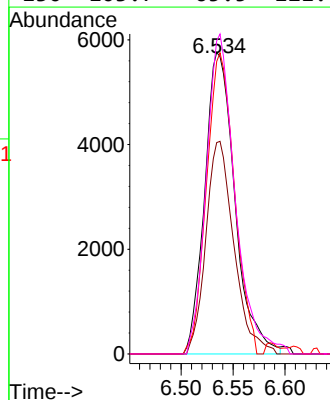
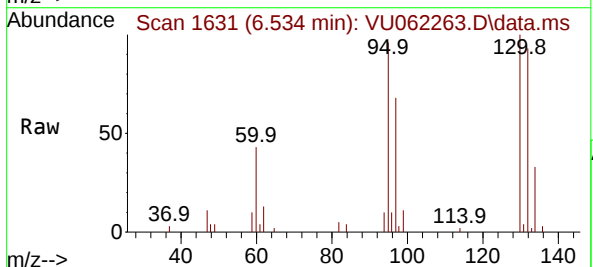
Instrument :
 MSVOA_U
 ClientSampleId :

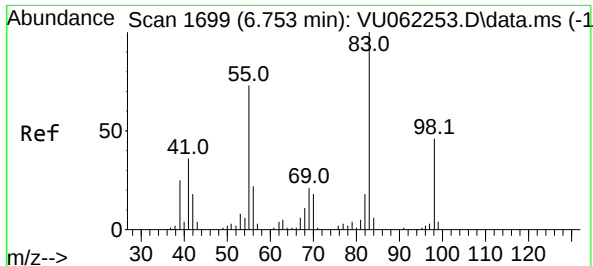
Tgt Ion: 96 Resp: 4886
 Ion Ratio Lower Upper
 96 100
 61 118.3 92.0 170.8
 98 60.1 44.5 82.7



#34
 Trichloroethene
 Concen: 1.446 ug/L
 RT: 6.534 min Scan# 1631
 Delta R.T. -0.000 min
 Lab File: VU062263.D
 Acq: 12 Dec 2024 01:34

Tgt Ion: 95 Resp: 11639
 Ion Ratio Lower Upper
 95 100
 97 70.0 45.9 85.3
 132 97.0 63.8 118.4
 130 103.7 65.5 121.7





#35

Methylcyclohexane

Concen: 0.758 ug/L

RT: 6.682 min Scan# 1677

Delta R.T. -0.071 min

Lab File: VU062263.D

Acq: 12 Dec 2024 01:34

Instrument :

MSVOA_U

ClientSampleId :

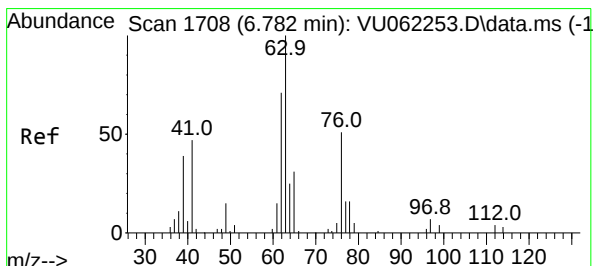
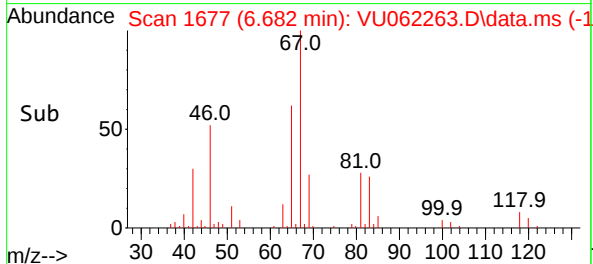
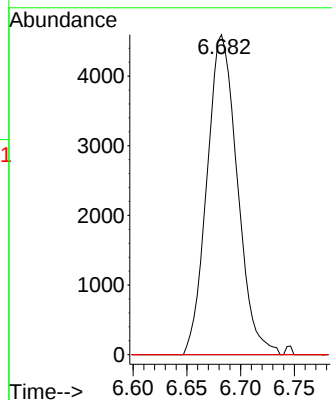
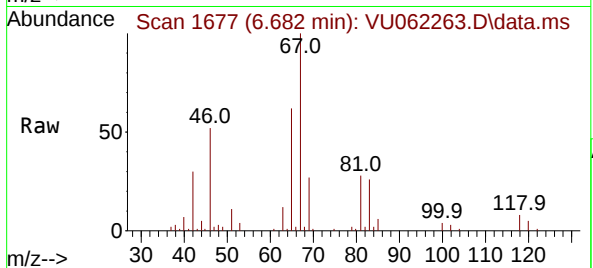
Tgt Ion: 83 Resp: 9041

Ion Ratio Lower Upper

83 100

55 0.0 60.7 91.1#

98 0.2 34.8 52.2#



#37

1,2-Dichloropropane

Concen: 0.620 ug/L

RT: 6.682 min Scan# 1677

Delta R.T. -0.100 min

Lab File: VU062263.D

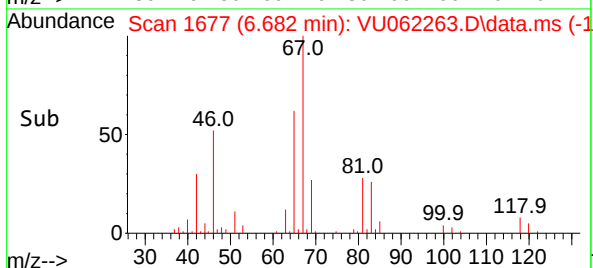
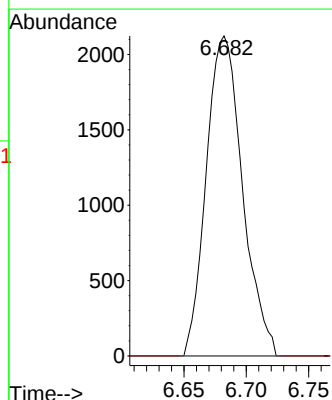
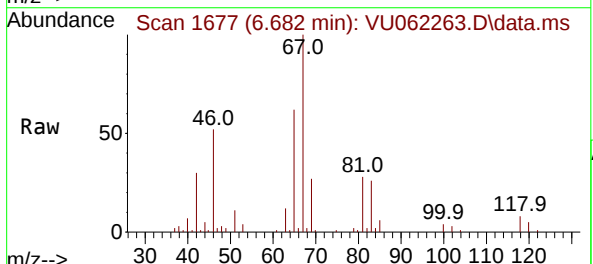
Acq: 12 Dec 2024 01:34

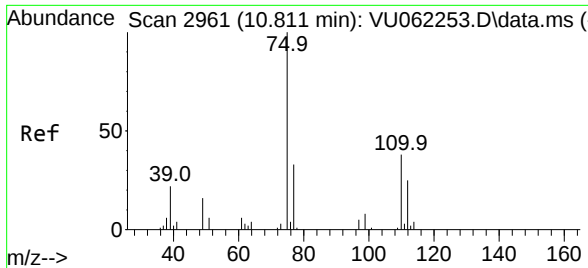
Tgt Ion: 63 Resp: 4292

Ion Ratio Lower Upper

63 100

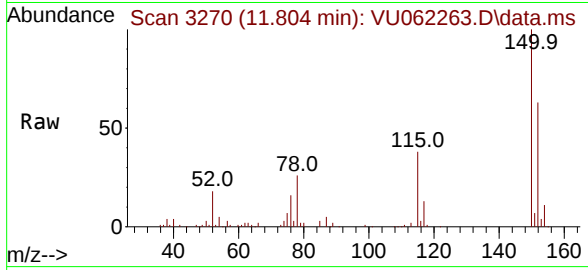
112 0.0 3.4 5.0#





#61
1,2,3-Trichloropropane
Concen: 1.106 ug/L
RT: 11.804 min Scan# 31
Delta R.T. 0.993 min
Lab File: VU062263.D
Acq: 12 Dec 2024 01:34

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 75 Resp: 4190
Ion Ratio Lower Upper
75 100
110 0.5 28.9 43.3#
77 37.2 26.5 39.7

