

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU013024\
 Data File : VU057749.D
 Acq On : 30 Jan 2024 17:23
 Operator : MD/SY
 Sample : P1239-03DL 4X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jan 30 22:38:48 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR012324WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Jan 30 22:31:02 2024
 Response via : Initial Calibration

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

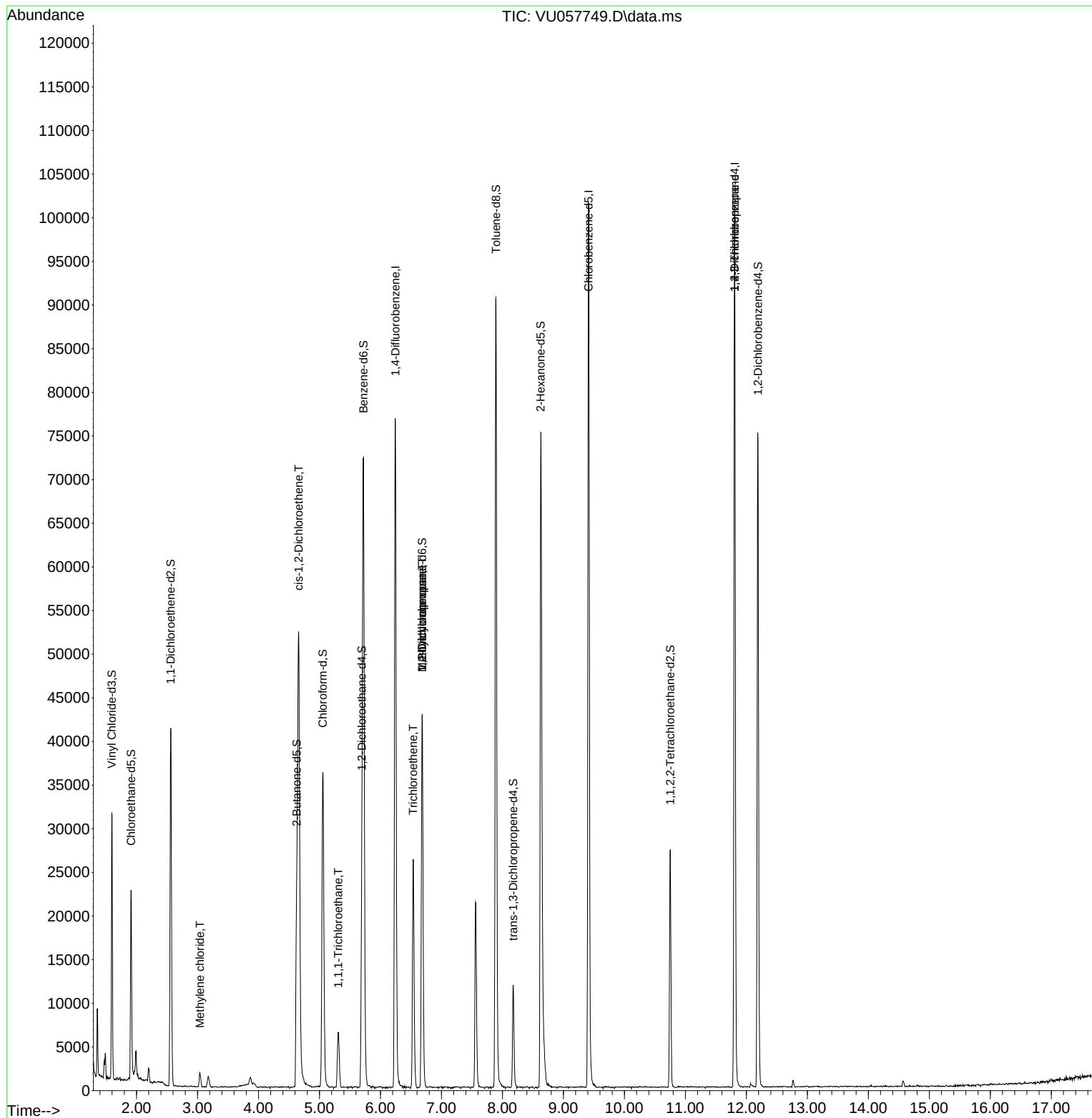
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	63749	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	57286	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	25844	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	17333	4.935	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	98.600%	
7) Chloroethane-d5	1.911	69	15696	5.333	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	106.600%	
11) 1,1-Dichloroethene-d2	2.560	65	7901	4.784	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	95.600%	
20) 2-Butanone-d5	4.628	46	34533	52.117	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	104.240%	
24) Chloroform-d	5.055	84	34165	4.792	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	95.800%	
26) 1,2-Dichloroethane-d4	5.695	65	17189	5.306	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	106.200%	
32) Benzene-d6	5.721	84	68750	5.116	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	102.400%	
36) 1,2-Dichloropropane-d6	6.685	67	20890	5.154	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	103.000%	
41) Toluene-d8	7.894	98	62099	4.868	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	97.400%	
43) trans-1,3-Dichloroprop...	8.177	79	7443	4.608	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	92.200%	
46) 2-Hexanone-d5	8.627	63	26307	51.044	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	102.080%	
56) 1,1,2,2-Tetrachloroeth...	10.753	84	13684	5.037	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	100.800%	
66) 1,2-Dichlorobenzene-d4	12.190	152	19596	5.403	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	108.000%	
Target Compounds						
					Qvalue	
16) Methylene chloride	3.039	84	794	0.160	ug/L	87
22) cis-1,2-Dichloroethene	4.660	96	24940	4.754	ug/L	98
29) 1,1,1-Trichloroethane	5.309	97	5147	0.612	ug/L	96
34) Trichloroethene	6.537	95	9295	1.716	ug/L	95
35) Methylcyclohexane	6.682	83	4751	0.543	ug/L #	18
37) 1,2-Dichloropropane	6.682	63	2157	0.439	ug/L #	89
61) 1,2,3-Trichloropropane	11.807	75	3391	1.307	ug/L #	65

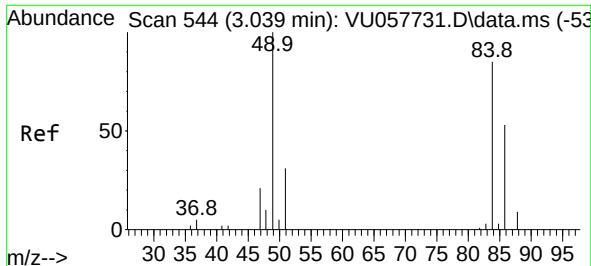
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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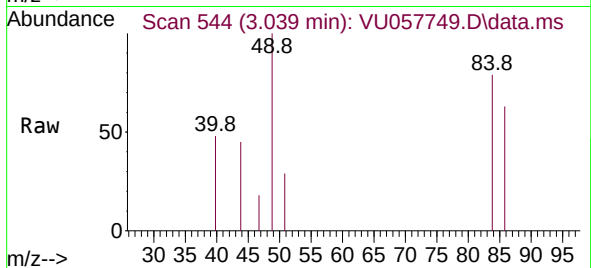
Quant Time: Jan 30 22:38:48 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR012324WMA.M
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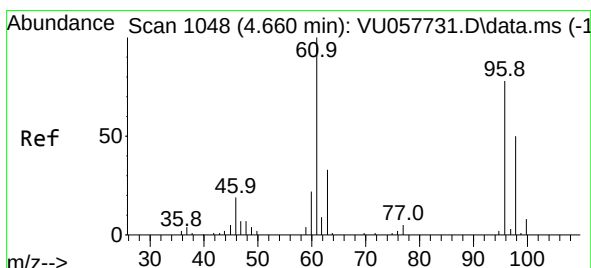
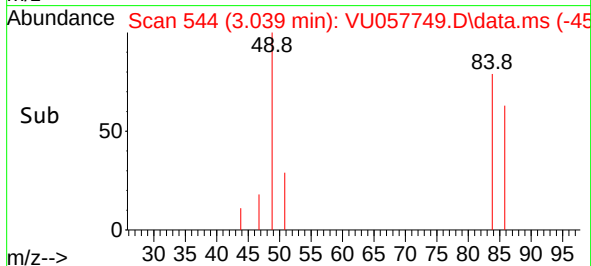
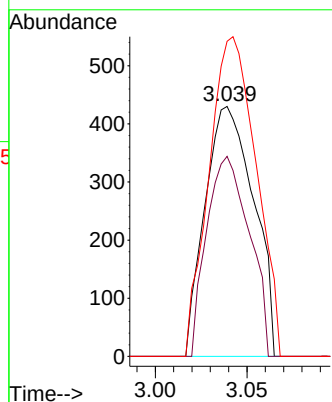
#16
Methylene chloride
Concen: 0.160 ug/L
RT: 3.039 min Scan# 544
Delta R.T. -0.000 min
Lab File: VU057749.D
Acq: 30 Jan 2024 17:23

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 84 Resp: 794

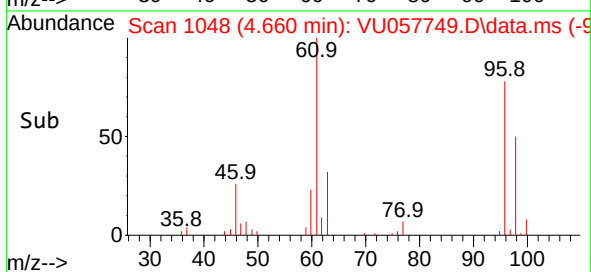
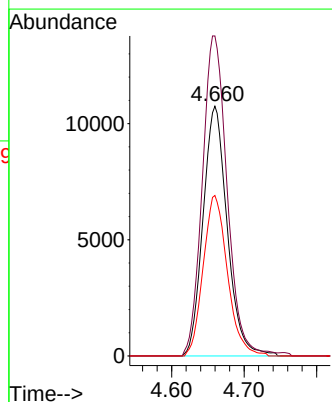
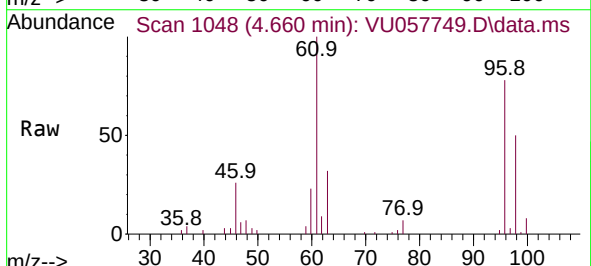
Ion	Ratio	Lower	Upper
84	100		
86	80.0	43.5	80.9
49	126.0	82.5	153.1

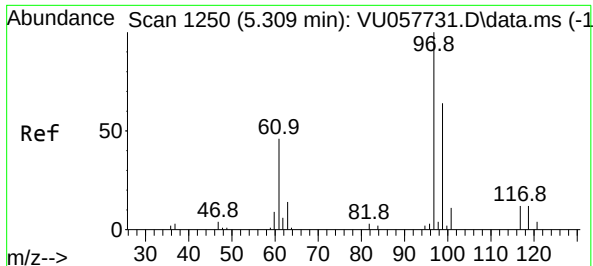


#22
cis-1,2-Dichloroethene
Concen: 4.754 ug/L
RT: 4.660 min Scan# 1048
Delta R.T. -0.000 min
Lab File: VU057749.D
Acq: 30 Jan 2024 17:23

Tgt Ion: 96 Resp: 24940

Ion	Ratio	Lower	Upper
96	100		
61	128.1	92.7	172.1
98	64.2	44.9	83.5

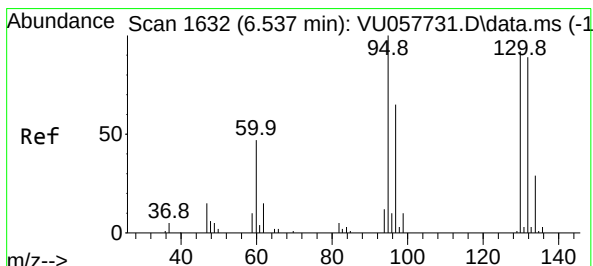
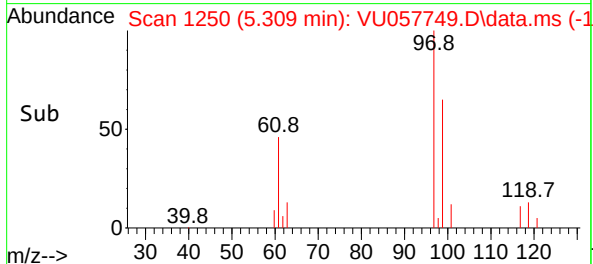
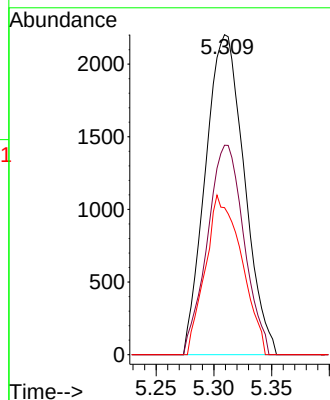
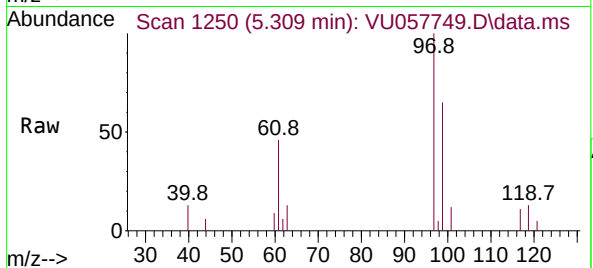




#29
1,1,1-Trichloroethane
Concen: 0.612 ug/L
RT: 5.309 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU057749.D
Acq: 30 Jan 2024 17:23

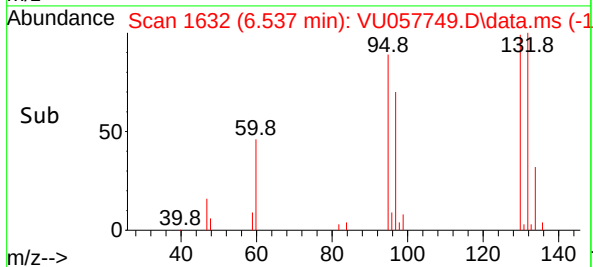
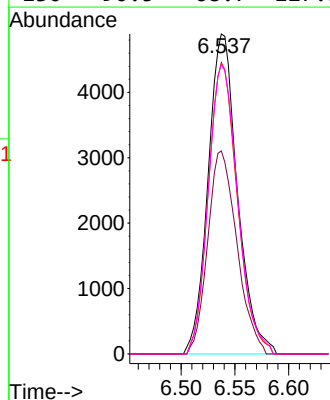
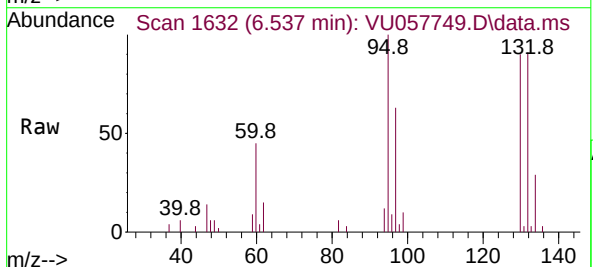
Instrument :
MSVOA_U
ClientSampleId :

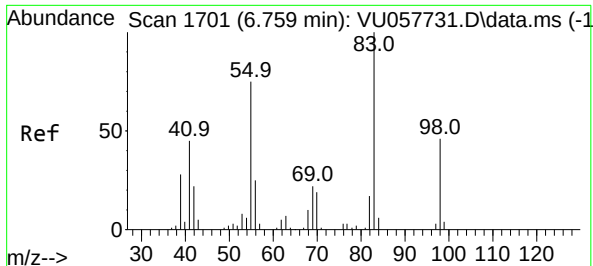
Tgt Ion:	97	Resp:	5147
Ion	Ratio	Lower	Upper
97	100		
99	61.8	52.0	78.0
61	46.4	35.3	52.9



#34
Trichloroethene
Concen: 1.716 ug/L
RT: 6.537 min Scan# 1632
Delta R.T. -0.000 min
Lab File: VU057749.D
Acq: 30 Jan 2024 17:23

Tgt Ion:	95	Resp:	9295
Ion	Ratio	Lower	Upper
95	100		
97	63.5	46.1	85.5
132	91.0	66.1	122.8
130	90.5	68.7	127.5





#35

Methylcyclohexane

Concen: 0.543 ug/L

RT: 6.682 min Scan# 1677

Delta R.T. -0.077 min

Lab File: VU057749.D

Acq: 30 Jan 2024 17:23

Instrument :

MSVOA_U

ClientSampleId :

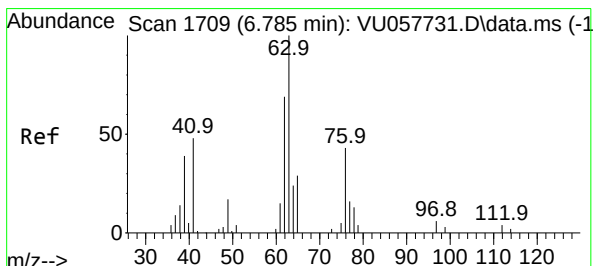
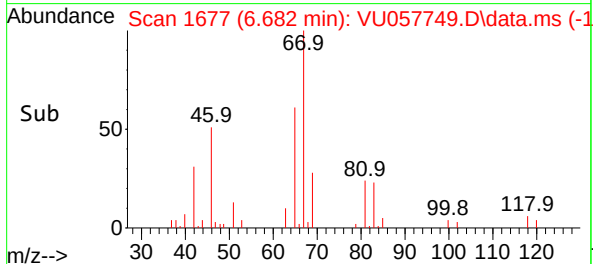
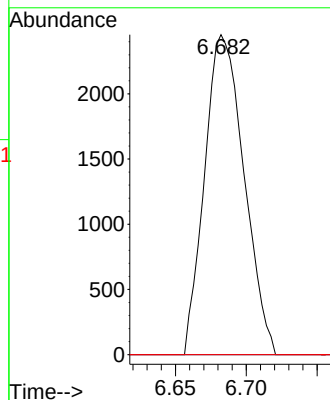
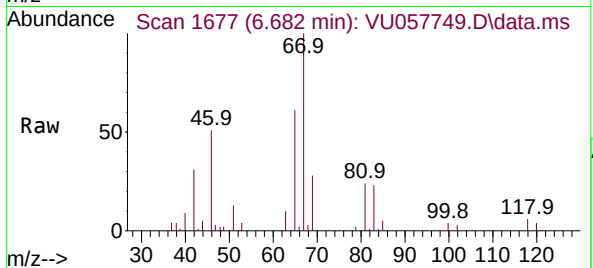
Tgt Ion: 83 Resp: 4751

Ion Ratio Lower Upper

83 100

55 0.0 61.4 92.0#

98 0.0 38.2 57.4#



#37

1,2-Dichloropropane

Concen: 0.439 ug/L

RT: 6.682 min Scan# 1677

Delta R.T. -0.103 min

Lab File: VU057749.D

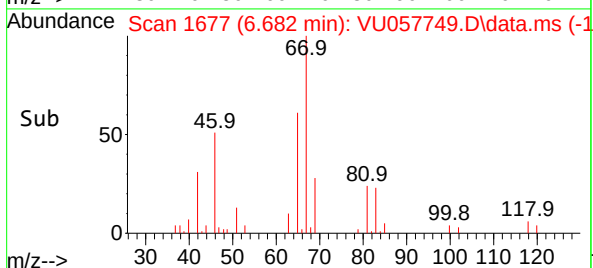
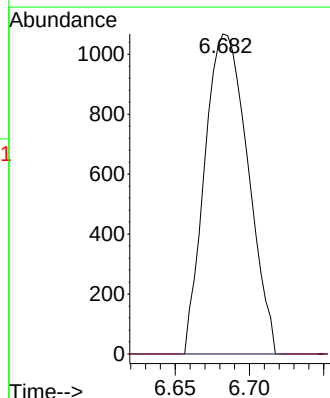
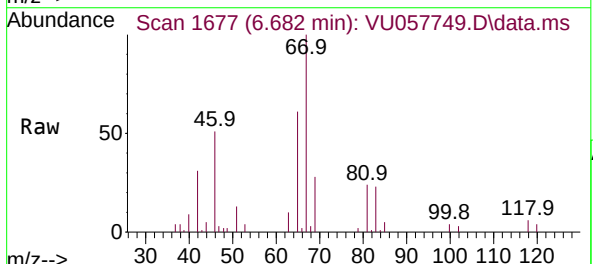
Acq: 30 Jan 2024 17:23

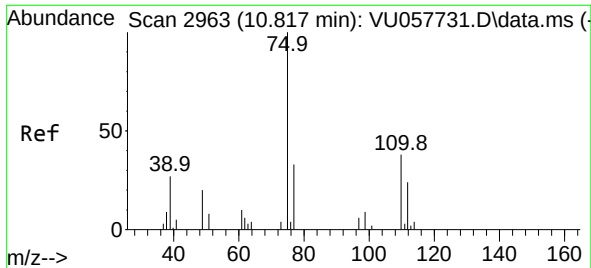
Tgt Ion: 63 Resp: 2157

Ion Ratio Lower Upper

63 100

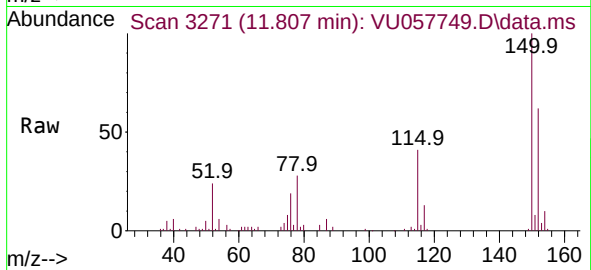
112 0.0 3.0 4.4#





#61
 1,2,3-Trichloropropane
 Concen: 1.307 ug/L
 RT: 11.807 min Scan# 31
 Delta R.T. 0.990 min
 Lab File: VU057749.D
 Acq: 30 Jan 2024 17:23

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75 Resp: 3391
 Ion Ratio Lower Upper
 75 100
 110 0.0 30.1 45.1#
 77 30.6 25.5 38.3

