

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122923\
 Data File : VU057370.D
 Acq On : 29 Dec 2023 14:21
 Operator : MD/SY
 Sample : 05998-15
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 29 23:05:37 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122723WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Dec 29 23:01:57 2023
 Response via : Initial Calibration

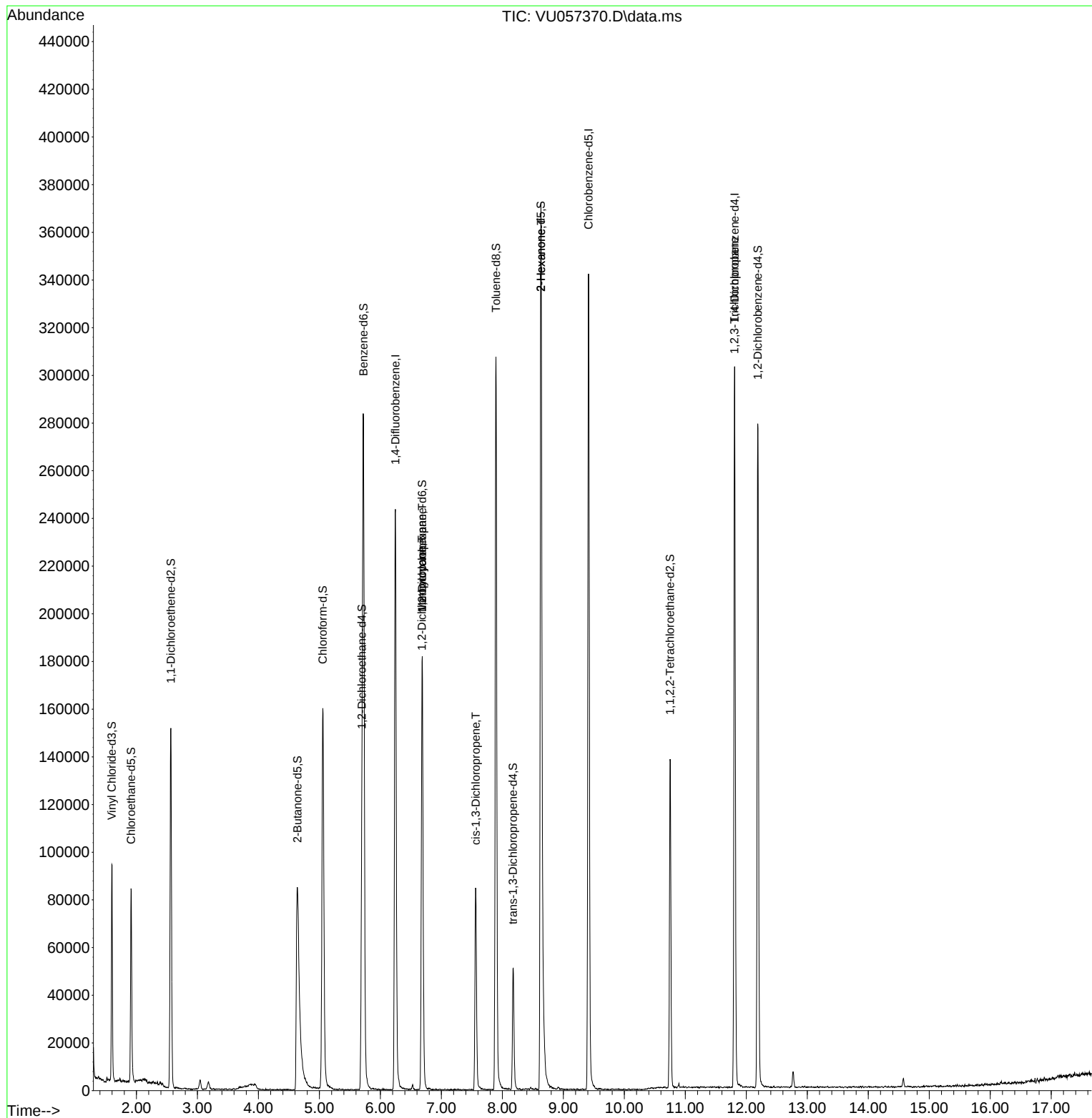
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	197595	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	197786	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.808	152	78677	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	64794	3.814	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	76.200%	
7) Chloroethane-d5	1.911	69	62081	4.550	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	91.000%	
11) 1,1-Dichloroethene-d2	2.564	65	28758	4.253	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	85.000%	
20) 2-Butanone-d5	4.637	46	186064	48.361	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	96.720%	
24) Chloroform-d	5.055	84	153888	5.094	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	101.800%	
26) 1,2-Dichloroethane-d4	5.695	65	78671	5.096	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	102.000%	
32) Benzene-d6	5.721	84	266395	4.725	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	94.400%	
36) 1,2-Dichloropropane-d6	6.686	67	88469	5.007	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	100.200%	
41) Toluene-d8	7.895	98	208531	4.287	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	85.800%	
43) trans-1,3-Dichloroprop...	8.174	79	31410	4.431	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	88.600%	
46) 2-Hexanone-d5	8.631	63	123533	38.476	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	76.960%	
56) 1,1,2,2-Tetrachloroeth...	10.750	84	68022	4.584	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	91.600%	
66) 1,2-Dichlorobenzene-d4	12.187	152	73125	5.104	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	102.000%	
Target Compounds						
					Qvalue	
35) Methylcyclohexane	6.686	83	22232	1.121	ug/L #	17
37) 1,2-Dichloropropane	6.679	63	9767	0.616	ug/L #	89
39) cis-1,3-Dichloropropene	7.563	75	2464	0.114	ug/L #	65
48) 2-Hexanone	8.634	43	24884	4.178	ug/L #	71
61) 1,2,3-Trichloropropane	11.804	75	8968	1.092	ug/L #	66

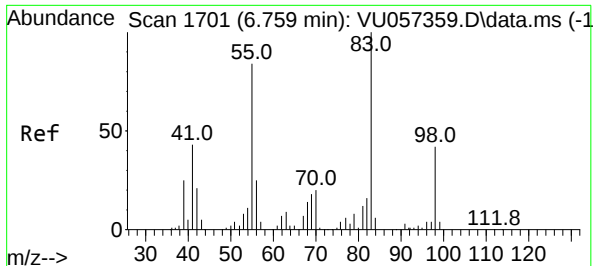
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#35

Methylcyclohexane

Concen: 1.121 ug/L

RT: 6.686 min Scan# 1

Delta R.T. -0.074 min

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Instrument :

MSVOA_U

ClientSampleId :

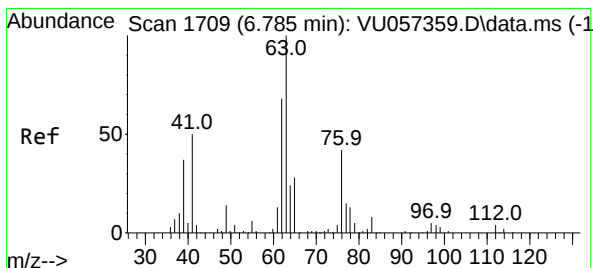
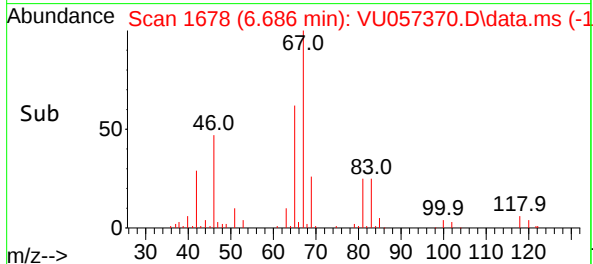
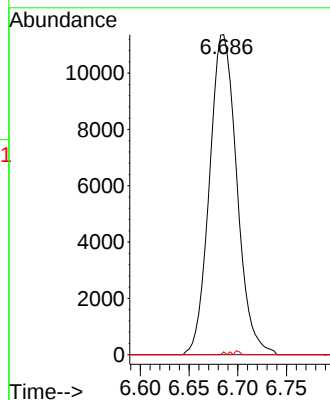
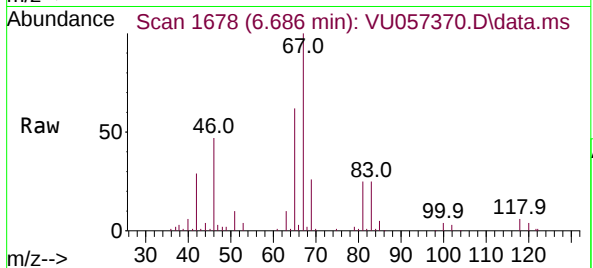
Tgt Ion: 83 Resp: 22232

Ion Ratio Lower Upper

83 100

55 0.0 65.4 98.2#

98 0.1 35.3 52.9#



#37

1,2-Dichloropropane

Concen: 0.616 ug/L

RT: 6.679 min Scan# 1676

Delta R.T. -0.106 min

Lab File: VU057370.D

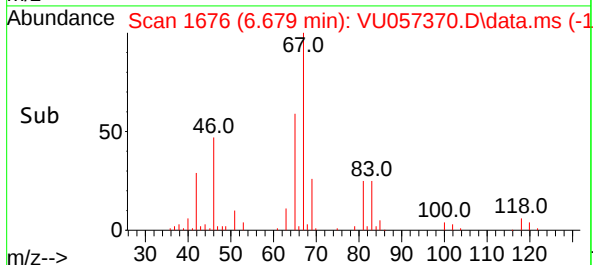
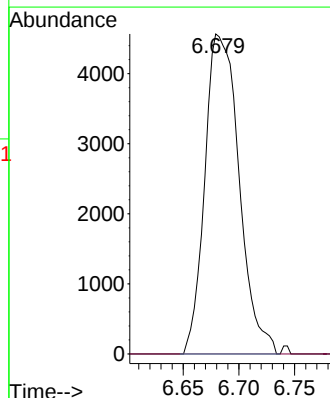
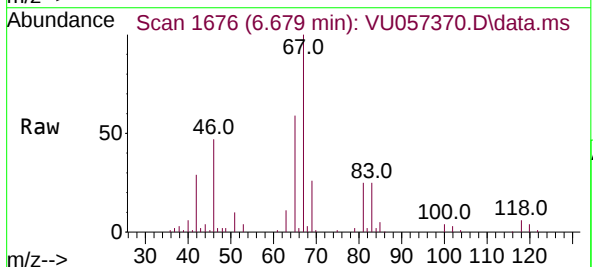
Acq: 29 Dec 2023 14:21

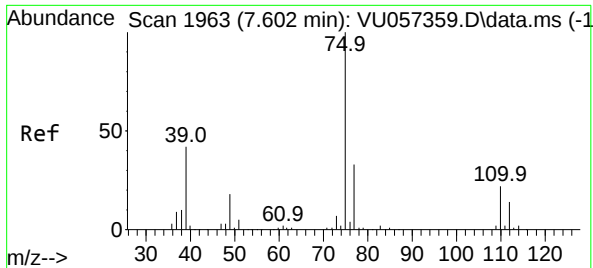
Tgt Ion: 63 Resp: 9767

Ion Ratio Lower Upper

63 100

112 0.0 2.9 4.3#





#39

cis-1,3-Dichloropropene

Concen: 0.114 ug/L

RT: 7.563 min Scan# 1963

Delta R.T. -0.038 min

Lab File: VU057370.D

Acq: 29 Dec 2023 14:21

Instrument :

MSVOA_U

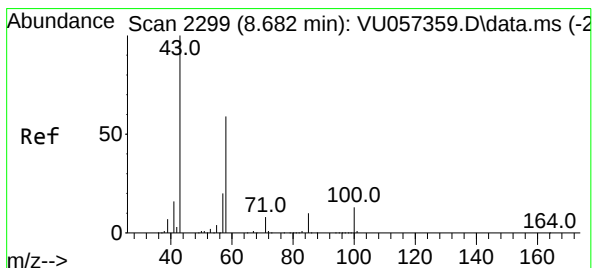
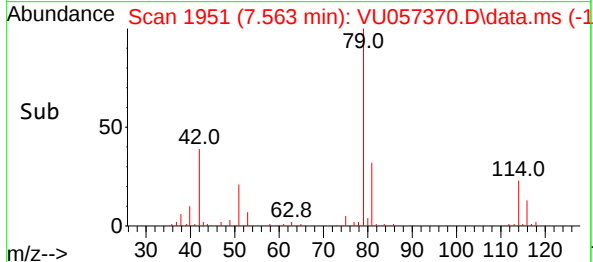
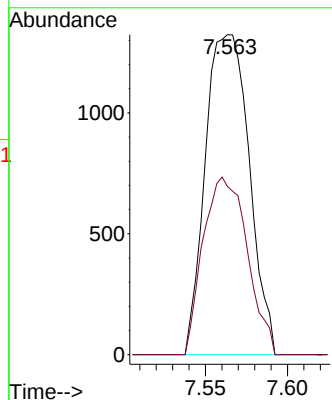
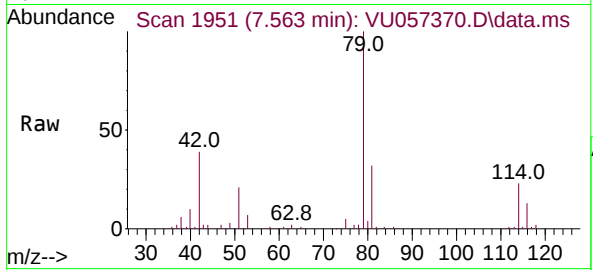
ClientSampleId :

Tgt Ion: 75 Resp: 2464

Ion Ratio Lower Upper

75 100

77 52.6 23.0 42.8#



#48

2-Hexanone

Concen: 4.178 ug/L

RT: 8.634 min Scan# 2284

Delta R.T. -0.048 min

Lab File: VU057370.D

Acq: 29 Dec 2023 14:21

Tgt Ion: 43 Resp: 24884

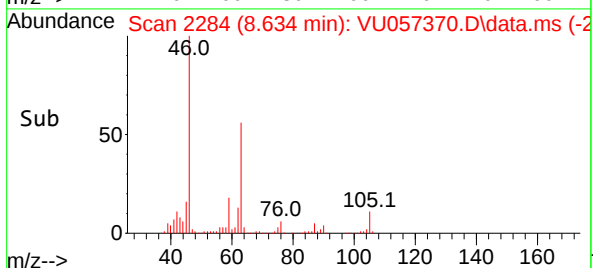
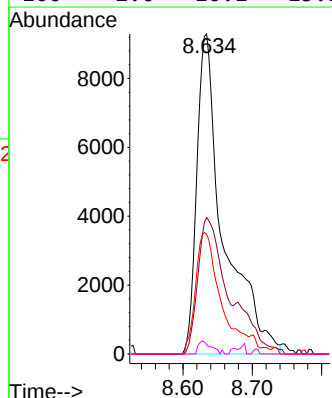
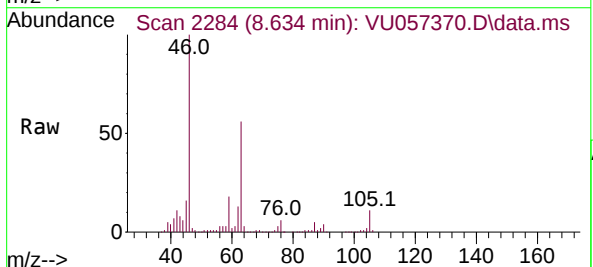
Ion Ratio Lower Upper

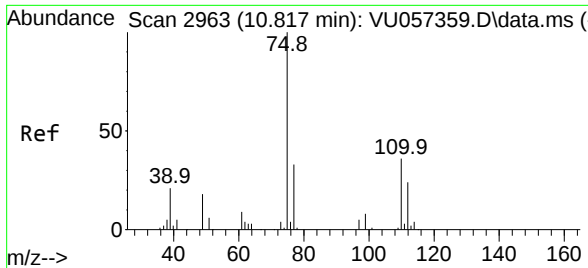
43 100

58 39.0 48.4 72.6#

57 37.6 17.4 26.2#

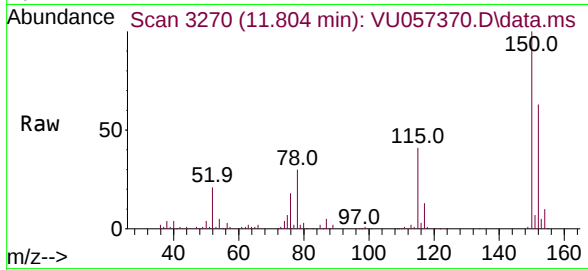
100 2.0 10.1 15.1#





#61
 1,2,3-Trichloropropane
 Concen: 1.092 ug/L
 RT: 11.804 min Scan# 31
 Delta R.T. 0.987 min
 Lab File: VU057370.D
 Acq: 29 Dec 2023 14:21

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion:	75	Resp:	8968
Ion	Ratio	Lower	Upper
75	100		
110	0.9	29.0	43.6#
77	33.9	25.4	38.2

