

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111523\
 Data File : VU056384.D
 Acq On : 16 Nov 2023 03:46
 Operator : MD/SY
 Sample : 05411-11
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 16 06:16:02 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Nov 16 05:41:06 2023
 Response via : Initial Calibration

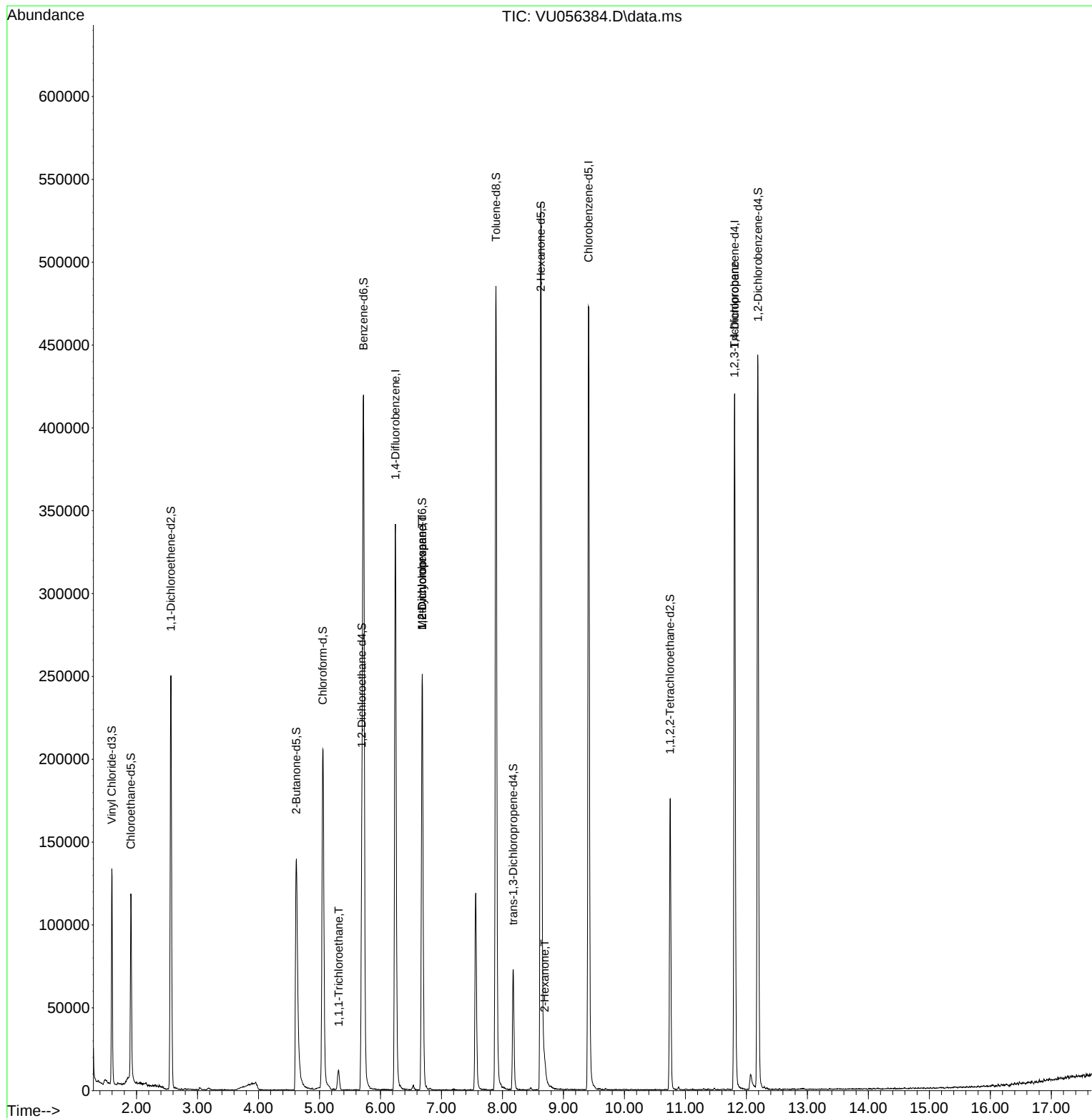
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	275084	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	276855	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	111778	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	92888	4.514	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	90.200%	
7) Chloroethane-d5	1.907	69	82668	5.240	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	104.800%	
11) 1,1-Dichloroethene-d2	2.563	65	48544	5.346	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	107.000%	
20) 2-Butanone-d5	4.621	46	223598	54.500	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	109.000%	
24) Chloroform-d	5.055	84	199636	5.016	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	100.400%	
26) 1,2-Dichloroethane-d4	5.695	65	101910	5.542	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	110.800%	
32) Benzene-d6	5.721	84	407082	4.935	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	98.800%	
36) 1,2-Dichloropropane-d6	6.685	67	121932	4.905	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	98.000%	
41) Toluene-d8	7.894	98	336281	4.617	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	92.400%	
43) trans-1,3-Dichloroprop...	8.177	79	44731	4.691	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	93.800%	
46) 2-Hexanone-d5	8.631	63	193321	51.595	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	103.200%	
56) 1,1,2,2-Tetrachloroeth...	10.749	84	88749	4.996	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	100.000%	
66) 1,2-Dichlorobenzene-d4	12.190	152	117389	5.685	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	113.600%	
Target Compounds						
29) 1,1,1-Trichloroethane	5.316	97	9180	0.289	ug/L	98
35) Methylcyclohexane	6.685	83	29350	0.945	ug/L #	18
37) 1,2-Dichloropropane	6.685	63	12975	0.630	ug/L #	88
48) 2-Hexanone	8.692	43	8721	1.096	ug/L #	41
61) 1,2,3-Trichloropropane	11.804	75	13941	1.454	ug/L #	67

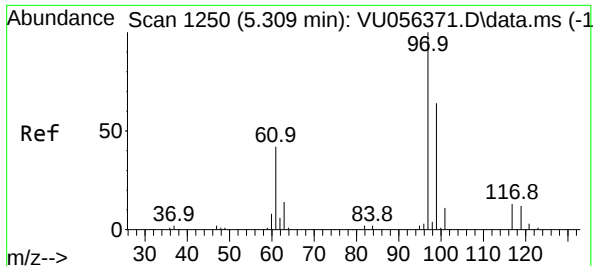
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#29

1,1,1-Trichloroethane

Concen: 0.289 ug/L

RT: 5.316 min Scan# 1

Delta R.T. 0.006 min

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Acq: 16 Nov 2023 03:46

Instrument :

MSVOA_U

ClientSampleId :

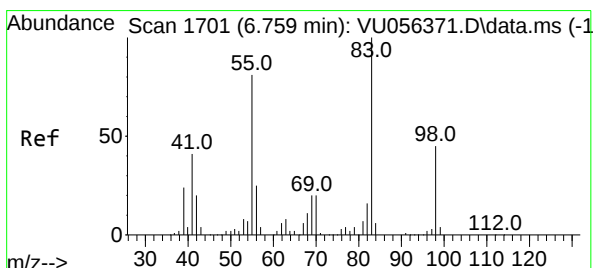
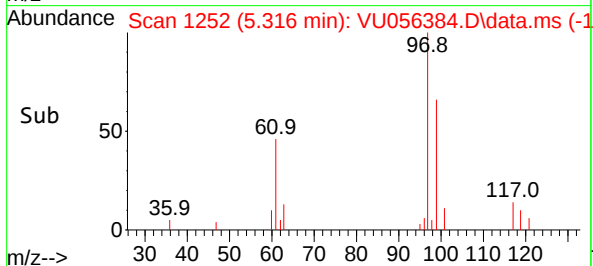
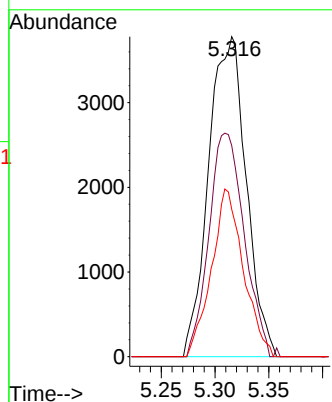
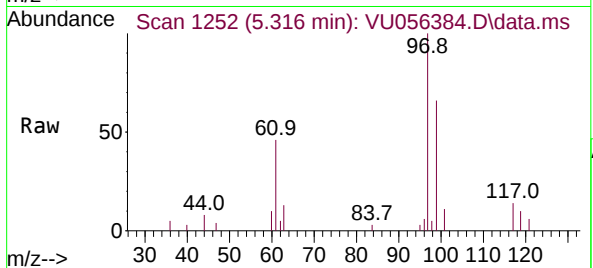
Tgt Ion: 97 Resp: 9180

Ion Ratio Lower Upper

97 100

99 65.5 51.6 77.4

61 44.6 34.3 51.5



#35

Methylcyclohexane

Concen: 0.945 ug/L

RT: 6.685 min Scan# 1678

Delta R.T. -0.074 min

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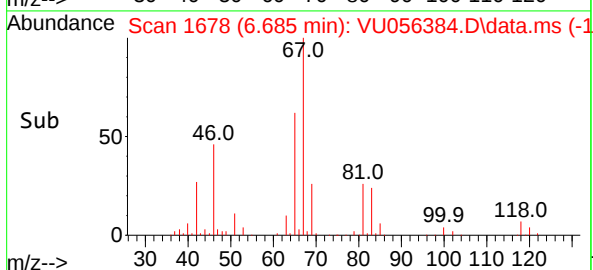
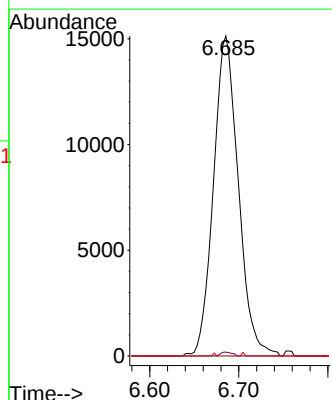
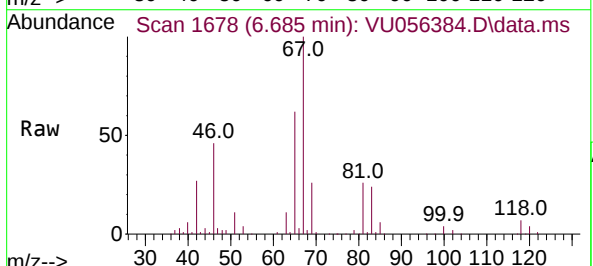
Tgt Ion: 83 Resp: 29350

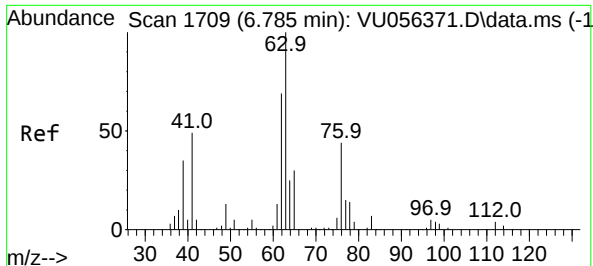
Ion Ratio Lower Upper

83 100

55 0.6 62.9 94.3#

98 0.1 35.3 52.9#





#37

1,2-Dichloropropane

Concen: 0.630 ug/L

RT: 6.685 min Scan# 1

Delta R.T. -0.100 min

Lab File: VU056384.D

Acq: 16 Nov 2023 03:46

Instrument :

MSVOA_U

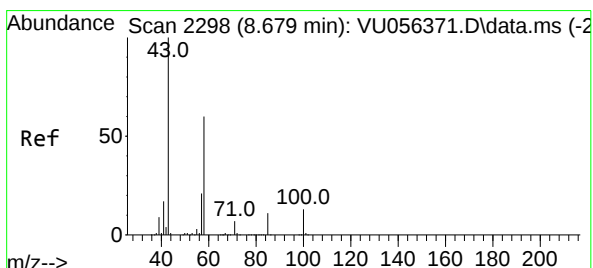
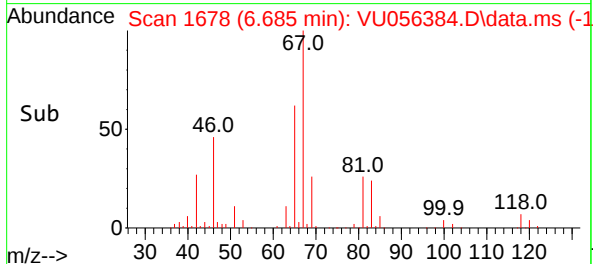
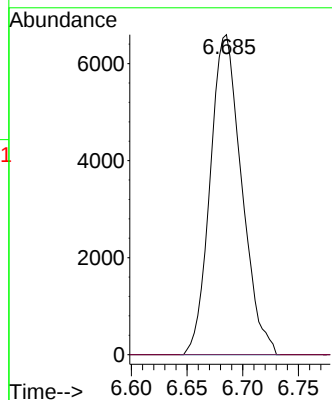
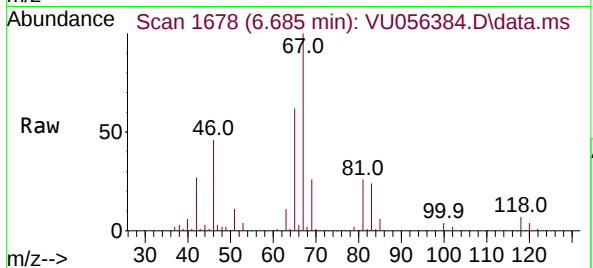
ClientSampleId :

Tgt Ion: 63 Resp: 12975

Ion Ratio Lower Upper

63 100

112 0.0 3.2 4.8#



#48

2-Hexanone

Concen: 1.096 ug/L

RT: 8.692 min Scan# 2302

Delta R.T. 0.013 min

Lab File: VU056384.D

Acq: 16 Nov 2023 03:46

Tgt Ion: 43 Resp: 8721

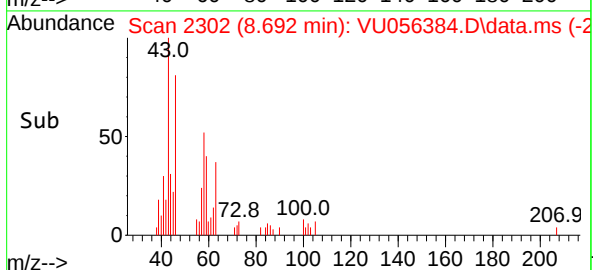
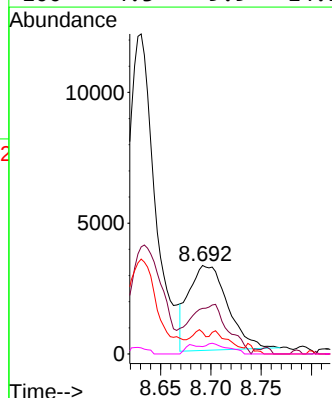
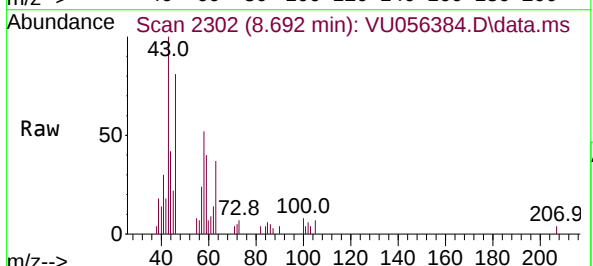
Ion Ratio Lower Upper

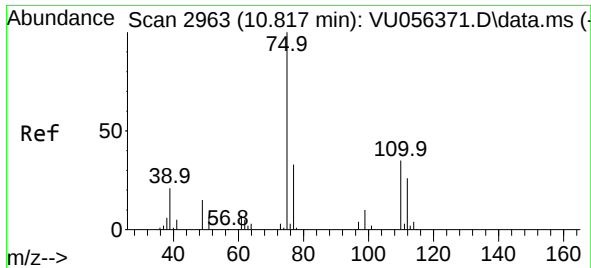
43 100

58 0.0 48.7 73.1#

57 10.1 16.8 25.2#

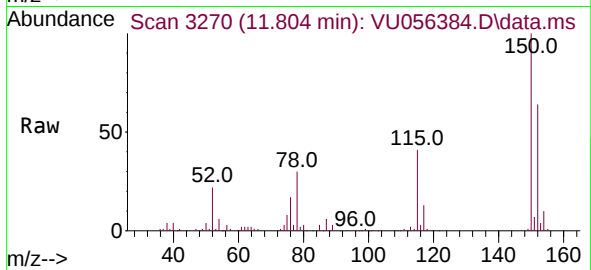
100 4.3 9.9 14.9#





#61
1,2,3-Trichloropropane
Concen: 1.454 ug/L
RT: 11.804 min Scan# 31
Delta R.T. 0.987 min
Lab File: VU056384.D
Acq: 16 Nov 2023 03:46

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
75	100		
110	2.6	30.4	45.6#
77	31.2	27.0	40.6

