

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120823\
 Data File : VU056701.D
 Acq On : 08 Dec 2023 15:51
 Operator : MD/SY
 Sample : 05687-11
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 08 20:58:17 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Dec 08 20:56:24 2023
 Response via : Initial Calibration

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

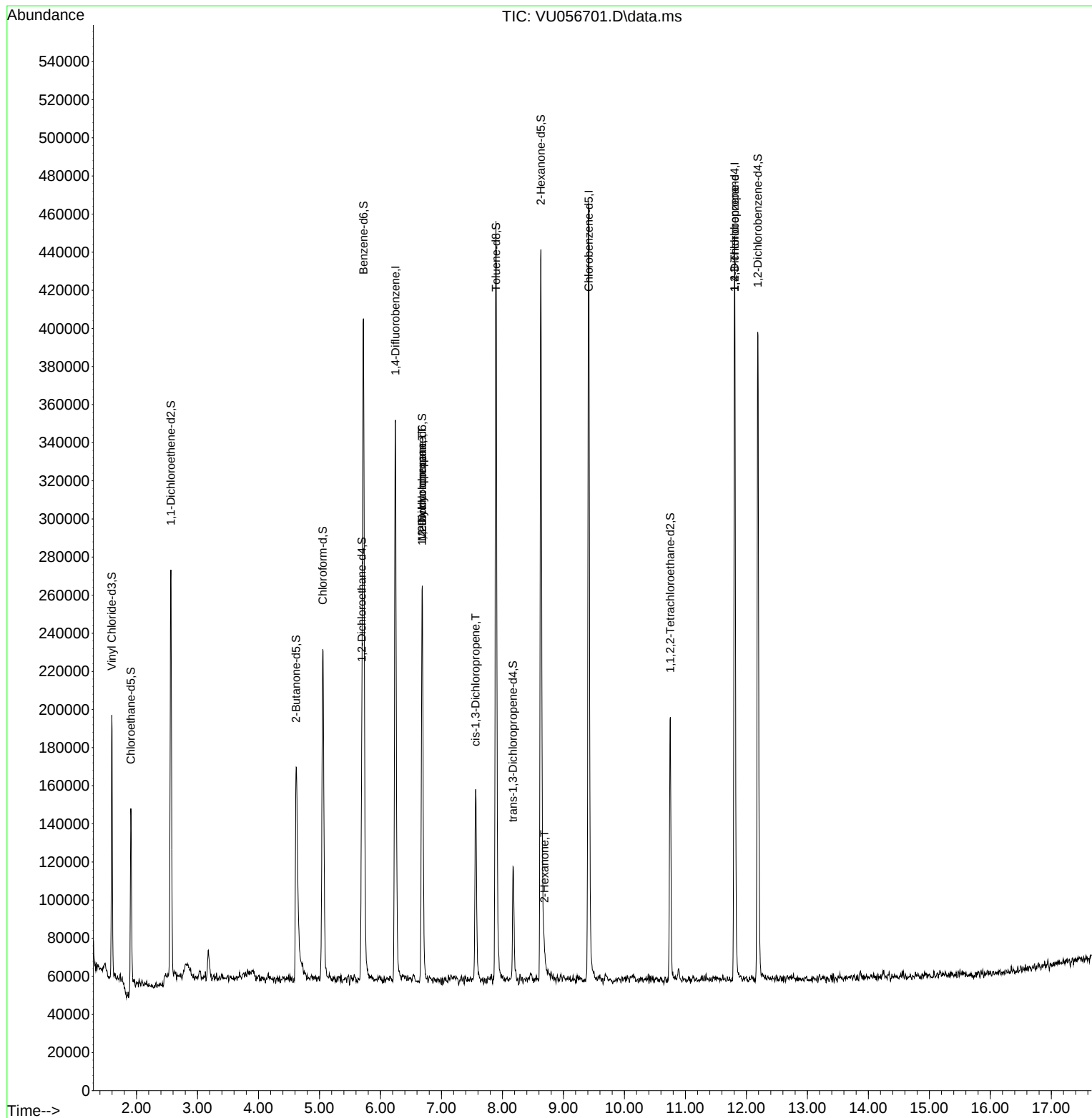
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	240631	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	244200	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	104829	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	97474	5.416	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	108.400%
7) Chloroethane-d5	1.907	69	71122	5.154	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	103.000%
11) 1,1-Dichloroethene-d2	2.563	65	40851	5.143	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	102.800%
20) 2-Butanone-d5	4.618	46	176932	49.300	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.600%
24) Chloroform-d	5.055	84	168617	4.843	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.800%
26) 1,2-Dichloroethane-d4	5.695	65	82531	5.130	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.600%
32) Benzene-d6	5.721	84	334039	4.591	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.800%
36) 1,2-Dichloropropane-d6	6.682	67	100870	4.600	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.000%
41) Toluene-d8	7.894	98	282806	4.402	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.000%
43) trans-1,3-Dichloroprop...	8.174	79	37677	4.480	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.600%
46) 2-Hexanone-d5	8.631	63	132230	40.010	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	80.020%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	70366	4.491	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.800%
66) 1,2-Dichlorobenzene-d4	12.187	152	89110	4.601	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.000%
Target Compounds						
					Qvalue	
35) Methylcyclohexane	6.685	83	23067	0.842	ug/L #	18
37) 1,2-Dichloropropane	6.685	63	11762	0.647	ug/L #	88
39) cis-1,3-Dichloropropene	7.560	75	2942	0.110	ug/L #	41
48) 2-Hexanone	8.689	43	4732	0.674	ug/L #	78
61) 1,2,3-Trichloropropane	11.807	75	13487	1.499	ug/L #	66

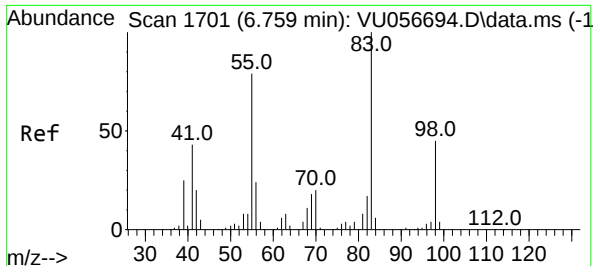
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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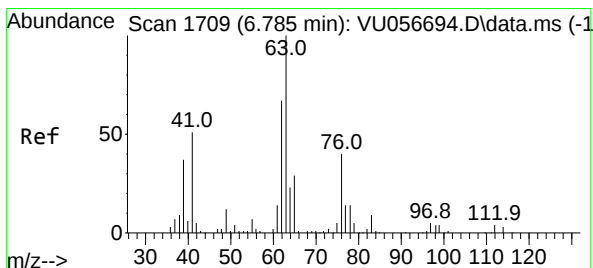
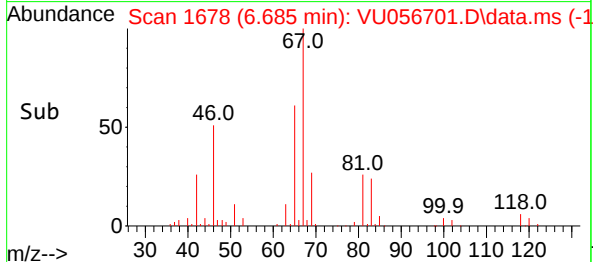
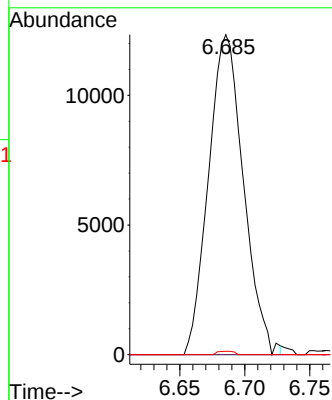
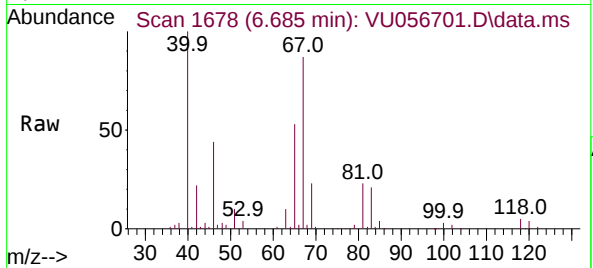




#35
Methylcyclohexane
Concen: 0.842 ug/L
RT: 6.685 min Scan# 1678
Delta R.T. -0.074 min
Lab File: VU056701.D
Acq: 08 Dec 2023 15:51

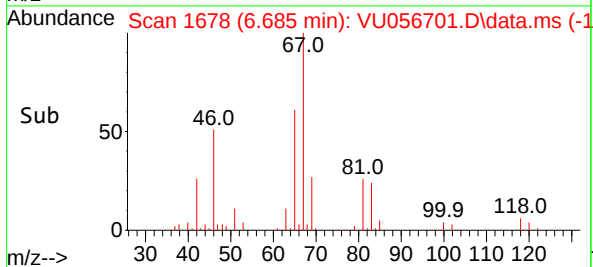
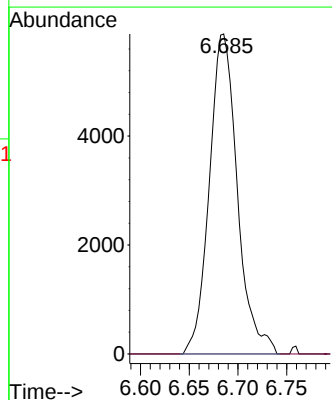
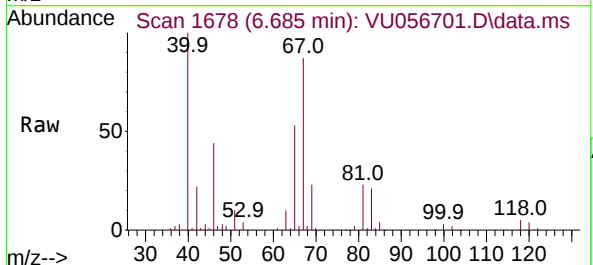
Instrument :
MSVOA_U
ClientSampleId :

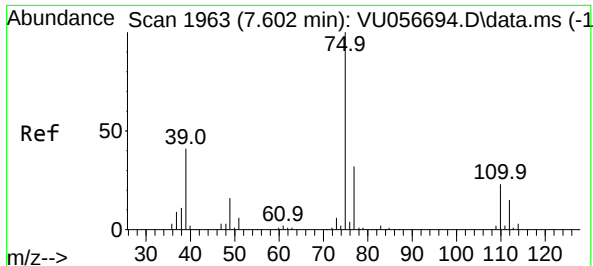
Tgt Ion: 83 Resp: 23067
Ion Ratio Lower Upper
83 100
55 0.0 62.9 94.3#
98 0.5 35.3 52.9#



#37
1,2-Dichloropropane
Concen: 0.647 ug/L
RT: 6.685 min Scan# 1678
Delta R.T. -0.099 min
Lab File: VU056701.D
Acq: 08 Dec 2023 15:51

Tgt Ion: 63 Resp: 11762
Ion Ratio Lower Upper
63 100
112 0.0 3.2 4.8#





#39

cis-1,3-Dichloropropene

Concen: 0.110 ug/L

RT: 7.560 min Scan# 1963

Delta R.T. -0.042 min

Lab File: VU056701.D

Acq: 08 Dec 2023 15:51

Instrument :

MSVOA_U

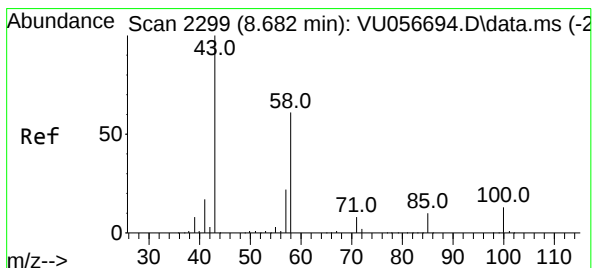
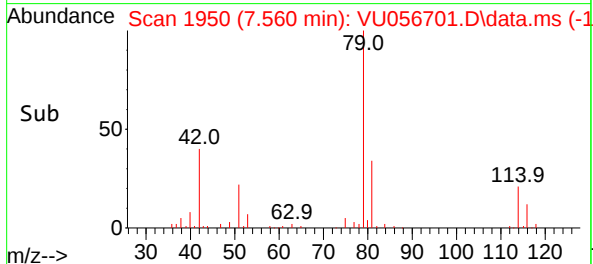
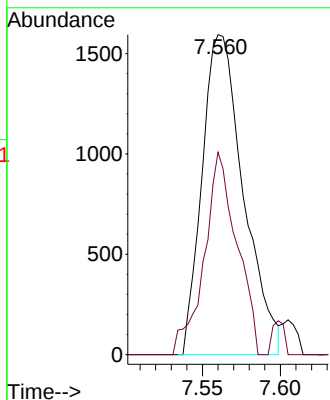
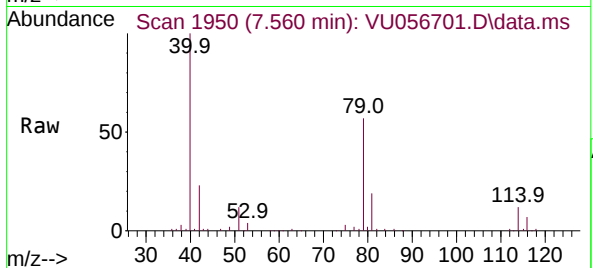
ClientSampleId :

Tgt Ion: 75 Resp: 2942

Ion Ratio Lower Upper

75 100

77 63.2 21.5 39.9#



#48

2-Hexanone

Concen: 0.674 ug/L

RT: 8.689 min Scan# 2301

Delta R.T. 0.007 min

Lab File: VU056701.D

Acq: 08 Dec 2023 15:51

Tgt Ion: 43 Resp: 4732

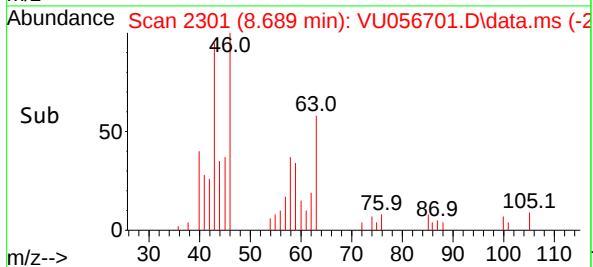
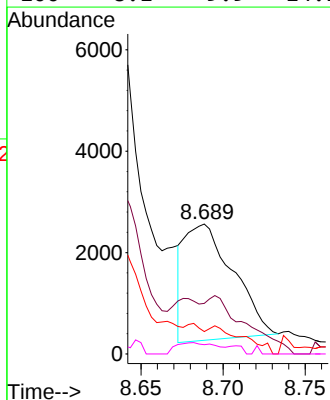
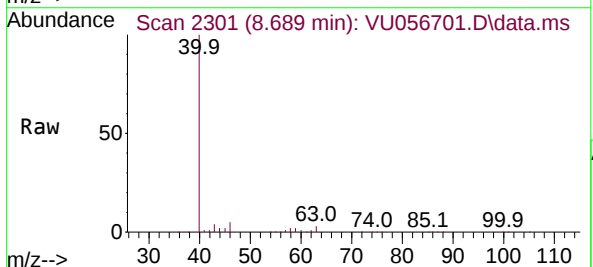
Ion Ratio Lower Upper

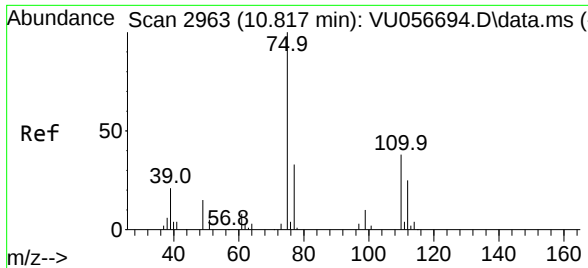
43 100

58 38.6 48.7 73.1#

57 17.2 16.8 25.2

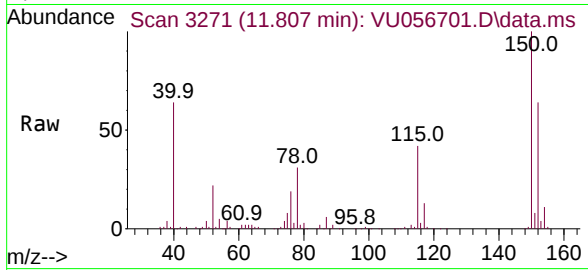
100 8.1 9.9 14.9#





#61
 1,2,3-Trichloropropane
 Concen: 1.499 ug/L
 RT: 11.807 min Scan# 31
 Delta R.T. 0.991 min
 Lab File: VU056701.D
 Acq: 08 Dec 2023 15:51

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75	Resp:	13487
Ion Ratio	Lower	Upper
75	100	
110	2.4	30.4 45.6#
77	30.6	27.0 40.6

