

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111323\
 Data File : VU056319.D
 Acq On : 14 Nov 2023 20:42
 Operator : MD/SY
 Sample : 05333-10
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 15 02:57:32 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Nov 15 01:36:14 2023
 Response via : Initial Calibration

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

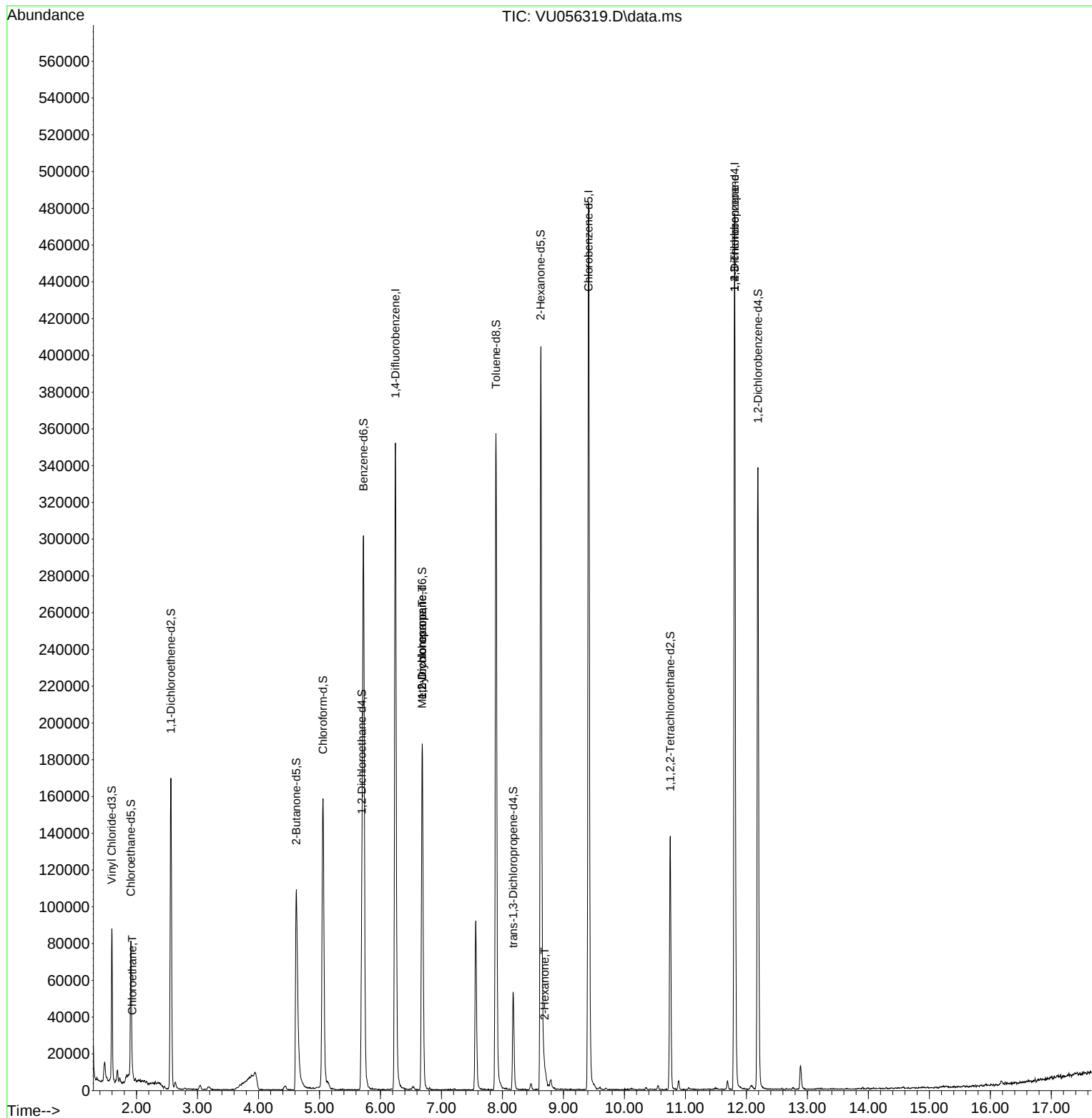
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	285135	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	281258	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	127734	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	58665	2.751	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	55.000%
7) Chloroethane-d5	1.907	69	55625	3.402	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	68.000%
11) 1,1-Dichloroethene-d2	2.563	65	32124	3.413	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	68.200%
20) 2-Butanone-d5	4.621	46	174116	40.943	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	81.880%
24) Chloroform-d	5.058	84	152576	3.699	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	74.000%
26) 1,2-Dichloroethane-d4	5.695	65	74521	3.909	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.200%
32) Benzene-d6	5.721	84	289547	3.455	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	69.200%#
36) 1,2-Dichloropropane-d6	6.685	67	93989	3.722	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	74.400%
41) Toluene-d8	7.894	98	247194	3.341	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	66.800%#
43) trans-1,3-Dichloroprop...	8.177	79	33165	3.424	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	68.400%
46) 2-Hexanone-d5	8.627	63	141803	37.253	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	74.500%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	70262	3.893	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	77.800%
66) 1,2-Dichlorobenzene-d4	12.190	152	92508	3.920	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	78.400%#
Target Compounds						
					Qvalue	
8) Chloroethane	1.930	64	2422	0.178	ug/L #	75
35) Methylcyclohexane	6.682	83	22800	0.722	ug/L #	18
37) 1,2-Dichloropropane	6.685	63	9721	0.464	ug/L #	90
48) 2-Hexanone	8.692	43	6060	0.750	ug/L #	84
61) 1,2,3-Trichloropropane	11.807	75	15620	1.425	ug/L #	69

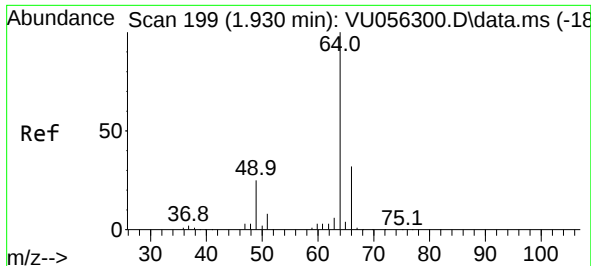
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#8

Chloroethane

Concen: 0.178 ug/L

RT: 1.930 min Scan# 199

Delta R.T. -0.000 min

Lab File: VU056319.D

Acq: 14 Nov 2023 20:42

Instrument :

MSVOA_U

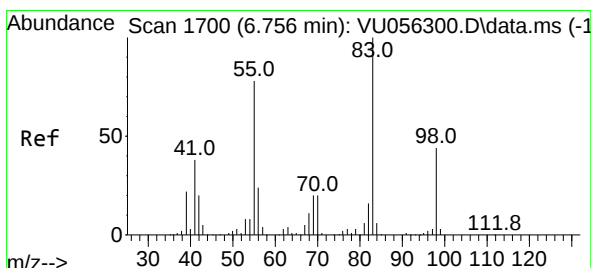
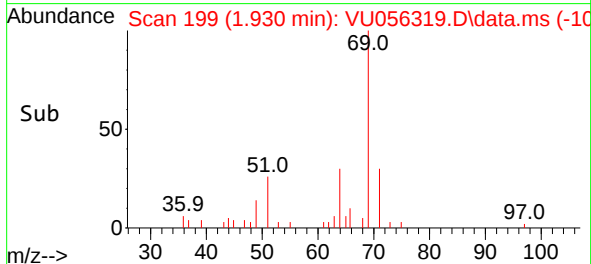
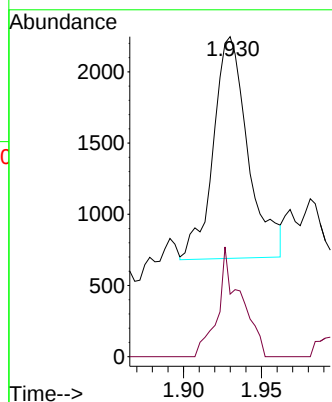
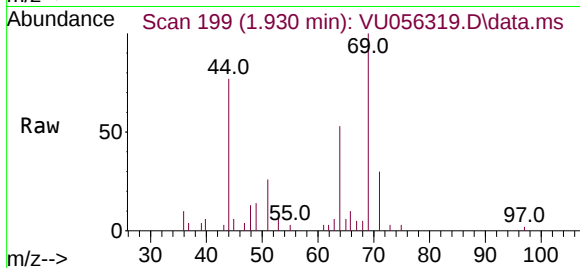
ClientSampleId :

Tgt Ion: 64 Resp: 2422

Ion Ratio Lower Upper

64 100

66 19.6 23.9 44.5#



#35

Methylcyclohexane

Concen: 0.722 ug/L

RT: 6.682 min Scan# 1677

Delta R.T. -0.074 min

Lab File: VU056319.D

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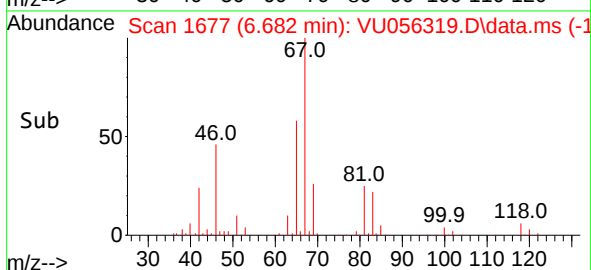
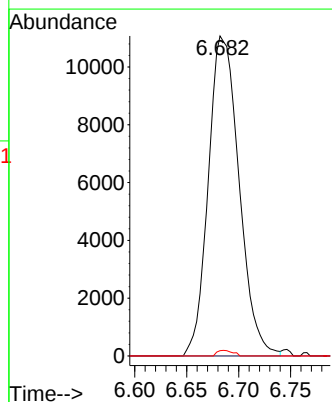
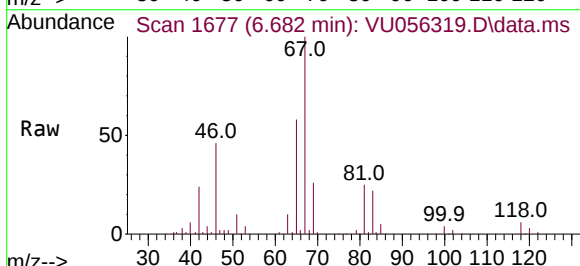
Tgt Ion: 83 Resp: 22800

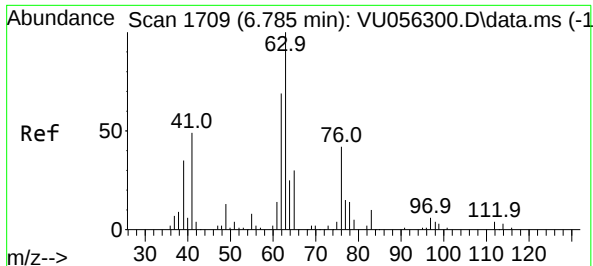
Ion Ratio Lower Upper

83 100

55 0.0 62.9 94.3#

98 0.9 35.3 52.9#





#37

1,2-Dichloropropane

Concen: 0.464 ug/L

RT: 6.685 min Scan# 1

Delta R.T. -0.100 min

Lab File: VU056319.D

Acq: 14 Nov 2023 20:42

Instrument :

MSVOA_U

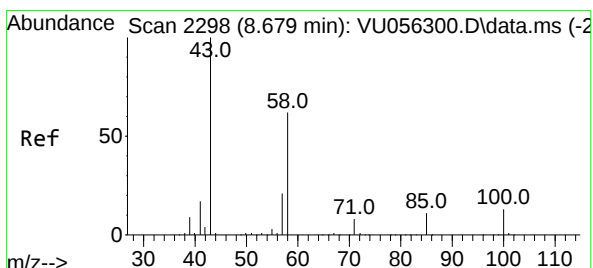
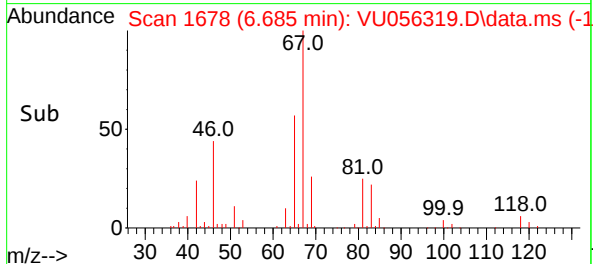
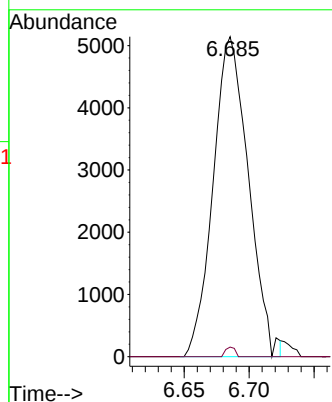
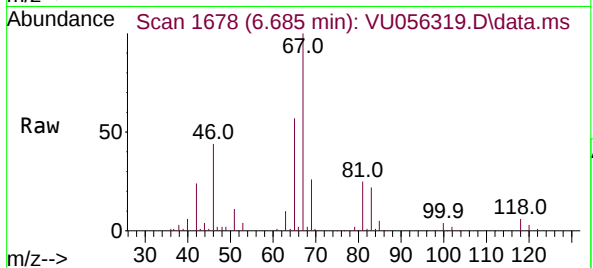
ClientSampleId :

Tgt Ion: 63 Resp: 9721

Ion Ratio Lower Upper

63 100

112 0.8 3.2 4.8#



#48

2-Hexanone

Concen: 0.750 ug/L

RT: 8.692 min Scan# 2302

Delta R.T. 0.013 min

Lab File: VU056319.D

Acq: 14 Nov 2023 20:42

Tgt Ion: 43 Resp: 6060

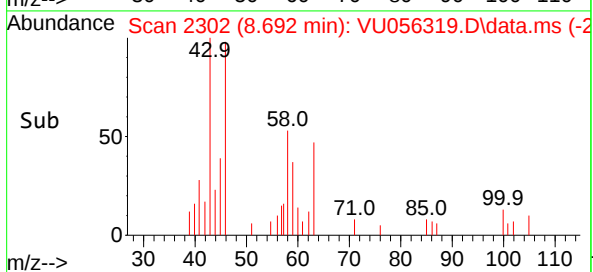
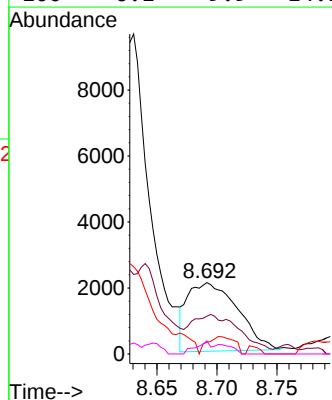
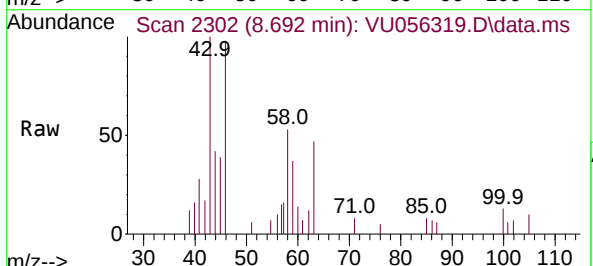
Ion Ratio Lower Upper

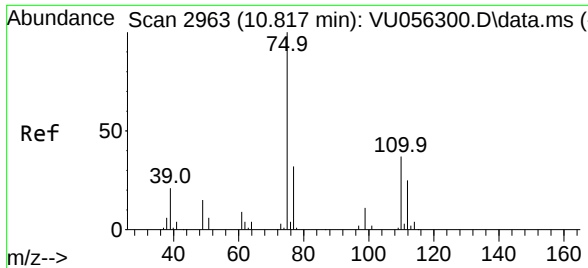
43 100

58 55.8 48.7 73.1

57 0.0 16.8 25.2#

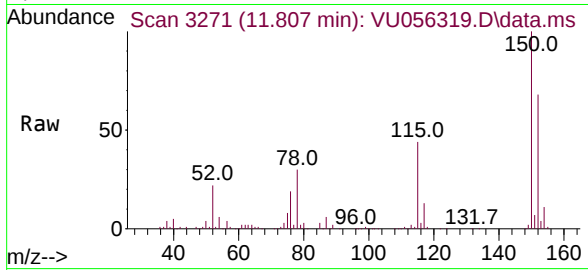
100 6.1 9.9 14.9#





#61
1,2,3-Trichloropropane
Concen: 1.425 ug/L
RT: 11.807 min Scan# 31
Delta R.T. 0.990 min
Lab File: VU056319.D
Acq: 14 Nov 2023 20:42

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 75 Resp: 15620
Ion Ratio Lower Upper
75 100
110 2.9 30.4 45.6#
77 33.2 27.0 40.6

