

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111123\
 Data File : VU056241.D
 Acq On : 12 Nov 2023 01:46
 Operator : MD/SY
 Sample : 05371-22
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 12 03:15:28 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR110723WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Nov 11 22:15:12 2023
 Response via : Initial Calibration

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

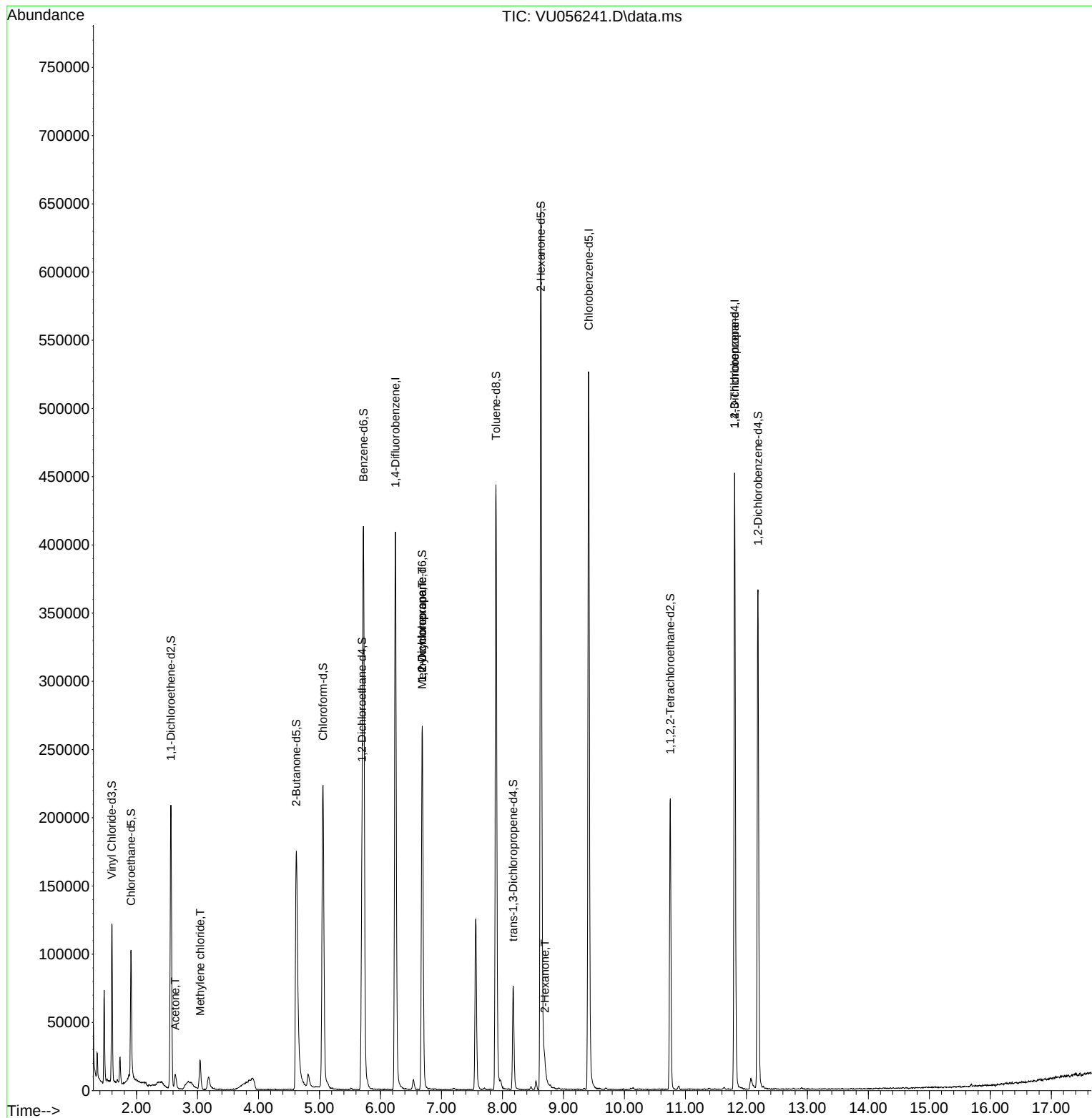
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	350694	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	327591	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	126184	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	83298	3.827	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	76.600%
7) Chloroethane-d5	1.911	69	70053	4.742	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.800%
11) 1,1-Dichloroethene-d2	2.563	65	37994	3.962	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	79.200%
20) 2-Butanone-d5	4.621	46	270084	75.631	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	151.260%#
24) Chloroform-d	5.058	84	218579	5.275	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.600%
26) 1,2-Dichloroethane-d4	5.698	65	105334	5.773	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	115.400%
32) Benzene-d6	5.721	84	410083	5.212	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.200%
36) 1,2-Dichloropropane-d6	6.685	67	137712	5.946	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	119.000%
41) Toluene-d8	7.894	98	322212	4.469	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.400%
43) trans-1,3-Dichloroprop...	8.177	79	46614	5.265	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	105.400%
46) 2-Hexanone-d5	8.631	63	232594	80.159	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	160.320%#
56) 1,1,2,2-Tetrachloroeth...	10.753	84	107074	6.477	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	129.600%#
66) 1,2-Dichlorobenzene-d4	12.190	152	105278	5.410	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	108.200%
Target Compounds						
					Qvalue	
13) Acetone	2.634	43	15454	5.868	ug/L	98
16) Methylene chloride	3.042	84	11128	0.431	ug/L	97
35) Methylcyclohexane	6.682	83	31450	0.826	ug/L #	19
37) 1,2-Dichloropropane	6.685	63	13642	0.559	ug/L #	87
48) 2-Hexanone	8.695	43	10708	1.378	ug/L #	89
61) 1,2,3-Trichloropropane	11.807	75	14148	1.299	ug/L #	68

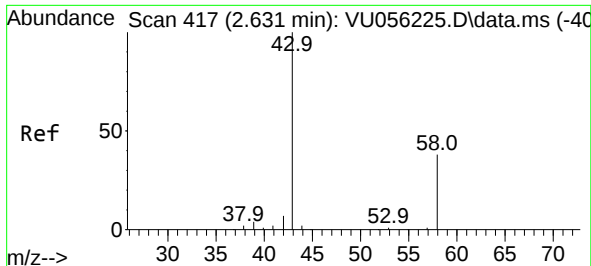
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 5.868 ug/L

RT: 2.634 min Scan# 41

Delta R.T. 0.003 min

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Instrument :

MSVOA_U

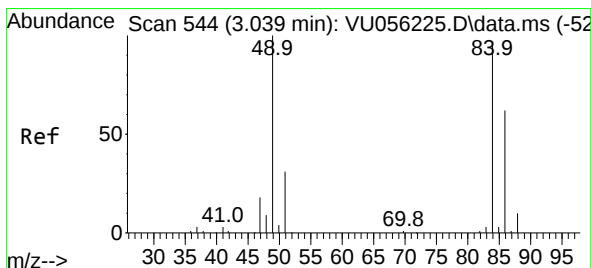
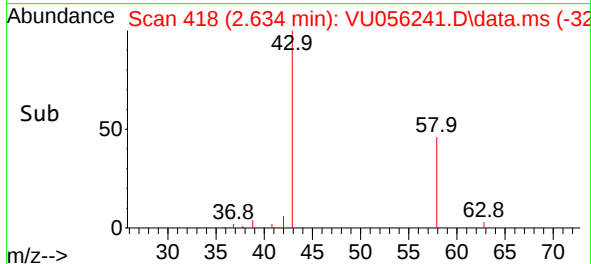
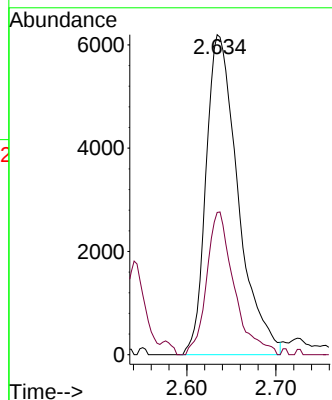
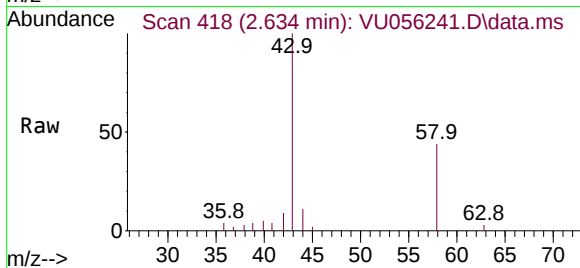
ClientSampleId :

Tgt Ion: 43 Resp: 15454

Ion Ratio Lower Upper

43 100

58 38.3 0.0 74.4



#16

Methylene chloride

Concen: 0.431 ug/L

RT: 3.042 min Scan# 545

Delta R.T. 0.003 min

Lab File: VU056241.D

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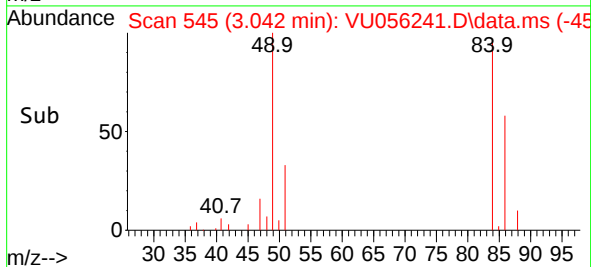
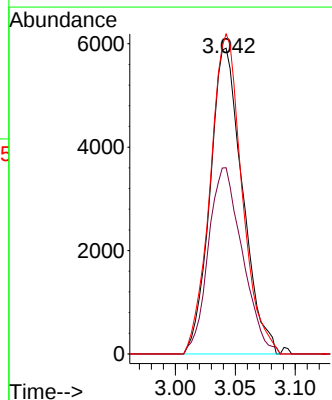
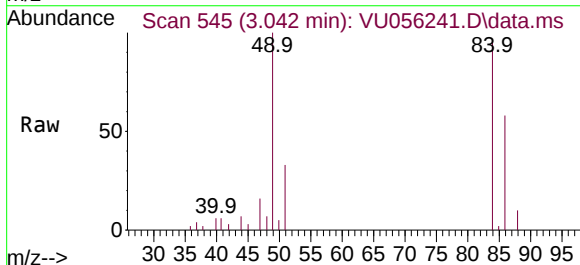
Tgt Ion: 84 Resp: 11128

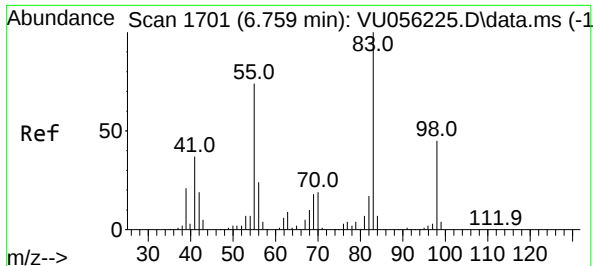
Ion Ratio Lower Upper

84 100

86 60.9 44.9 83.5

49 104.7 75.0 139.4





#35

Methylcyclohexane

Concen: 0.826 ug/L

RT: 6.682 min Scan# 1

Delta R.T. -0.077 min

Lab File: VU056241.D

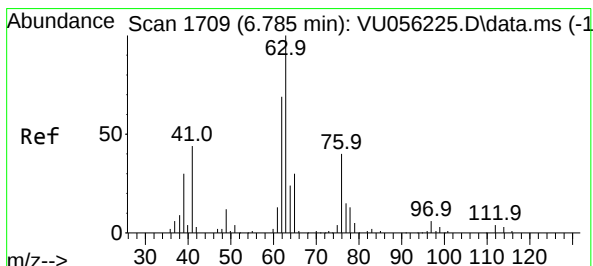
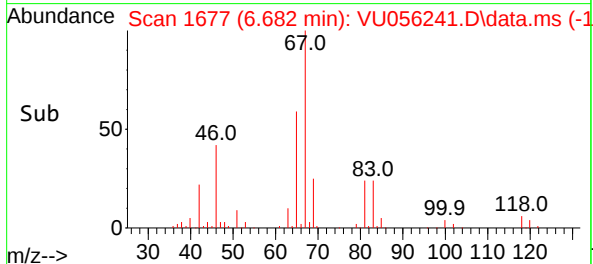
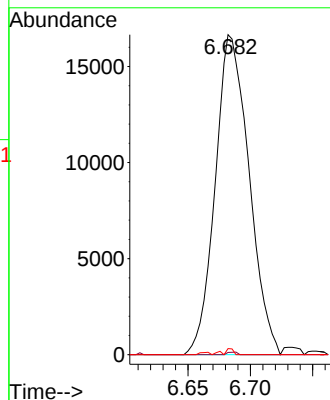
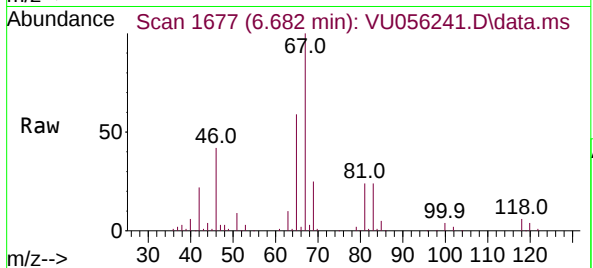
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Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 83	Resp: 31450
Ion Ratio	Lower Upper
83	100
55	0.2 60.6 91.0#
98	0.5 36.2 54.4#



#37

1,2-Dichloropropane

Concen: 0.559 ug/L

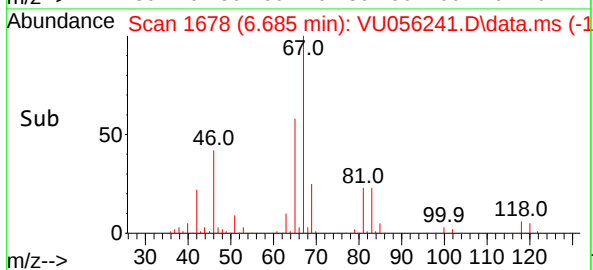
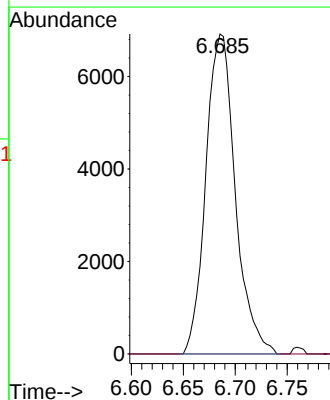
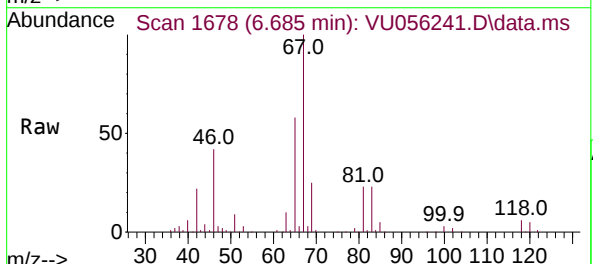
RT: 6.685 min Scan# 1678

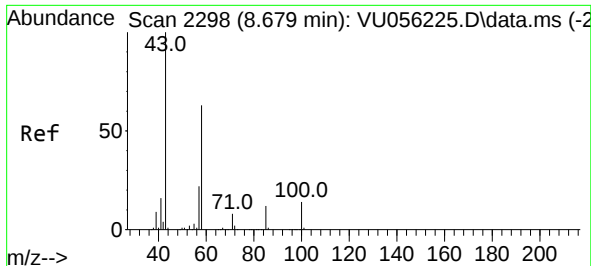
Delta R.T. -0.100 min

Lab File: VU056241.D

Acq: 12 Nov 2023 01:46

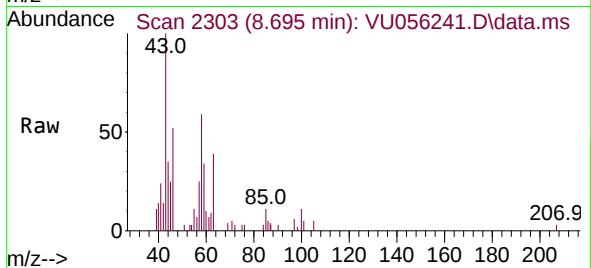
Tgt Ion: 63	Resp: 13642
Ion Ratio	Lower Upper
63	100
112	0.1 3.4 5.2#



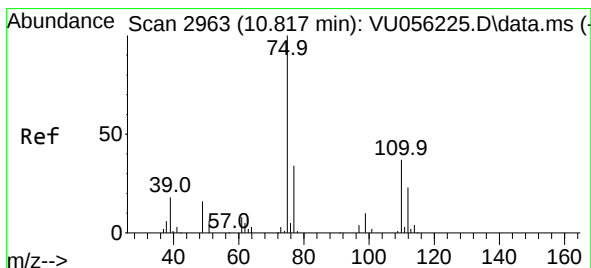
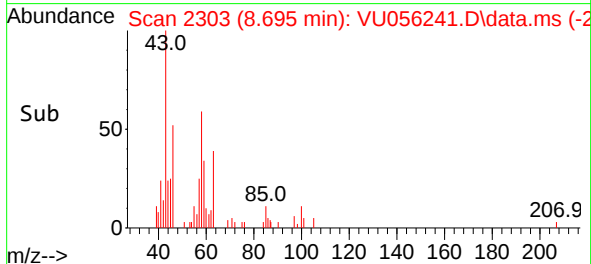
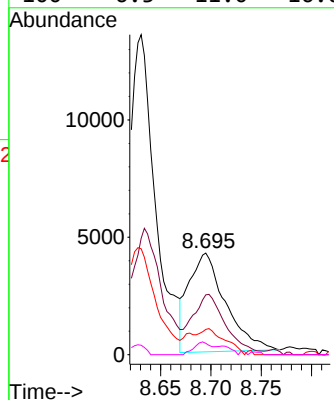


#48
2-Hexanone
Concen: 1.378 ug/L
RT: 8.695 min Scan# 21
Delta R.T. 0.016 min
Lab File: VU056241.D
Acq: 12 Nov 2023 01:46

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 43 Resp: 10708
Ion Ratio Lower Upper
43 100
58 56.7 52.0 78.0
57 17.9 17.4 26.2
100 6.3 11.0 16.6#



#61
1,2,3-Trichloropropane
Concen: 1.299 ug/L
RT: 11.807 min Scan# 3271
Delta R.T. 0.990 min
Lab File: VU056241.D
Acq: 12 Nov 2023 01:46

Tgt Ion: 75 Resp: 14148
Ion Ratio Lower Upper
75 100
110 2.3 29.7 44.5#
77 33.1 25.5 38.3

