

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121123\
 Data File : VU056745.D
 Acq On : 11 Dec 2023 20:31
 Operator : MD/SY
 Sample : 05664-01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 12 01:13:05 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR121123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Dec 12 01:07:35 2023
 Response via : Initial Calibration

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

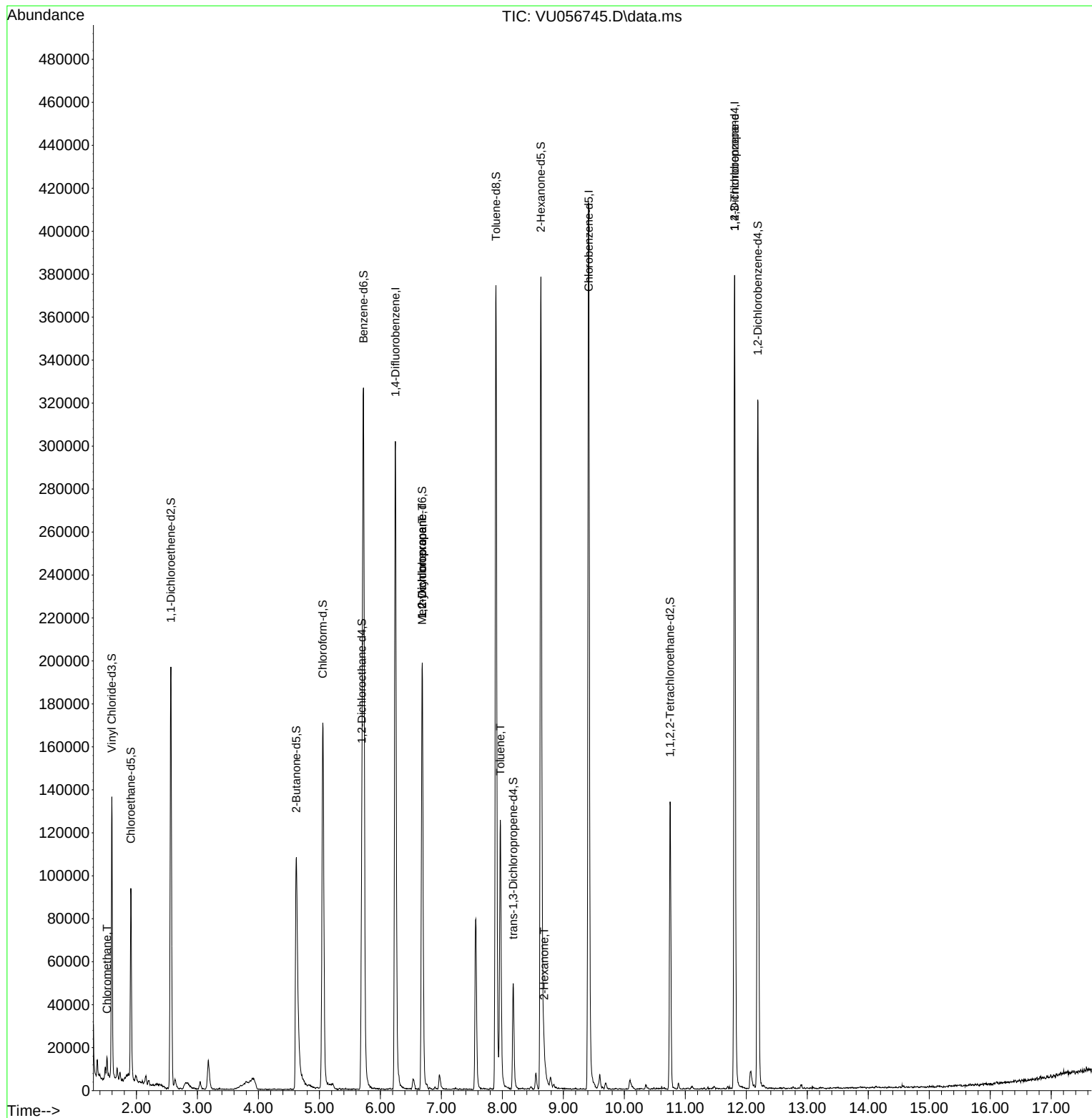
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	246826	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	246055	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	102500	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	88811	4.198	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.000%
7) Chloroethane-d5	1.908	69	67568	4.268	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	85.400%
11) 1,1-Dichloroethene-d2	2.563	65	39498	4.363	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	87.200%
20) 2-Butanone-d5	4.621	46	170482	40.803	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	81.600%
24) Chloroform-d	5.055	84	164140	4.097	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.000%
26) 1,2-Dichloroethane-d4	5.695	65	80892	4.267	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.400%
32) Benzene-d6	5.721	84	320459	4.199	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.000%
36) 1,2-Dichloropropane-d6	6.685	67	98019	4.103	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	82.000%
41) Toluene-d8	7.894	98	257741	3.779	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	75.600%
43) trans-1,3-Dichloroprop...	8.177	79	29894	3.227	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	64.600%
46) 2-Hexanone-d5	8.631	63	127399	36.463	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	72.920%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	68681	3.974	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	79.400%
66) 1,2-Dichlorobenzene-d4	12.187	152	86014	4.269	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	85.400%
Target Compounds						
					Qvalue	
3) Chloromethane	1.518	50	5783	0.227	ug/L	95
35) Methylcyclohexane	6.682	83	22364	0.639	ug/L #	17
37) 1,2-Dichloropropane	6.685	63	10899	0.493	ug/L #	88
42) Toluene	7.965	91	95843	1.071	ug/L	98
48) 2-Hexanone	8.685	43	6905	0.923	ug/L #	94
61) 1,2,3-Trichloropropane	11.807	75	11995	1.090	ug/L #	66

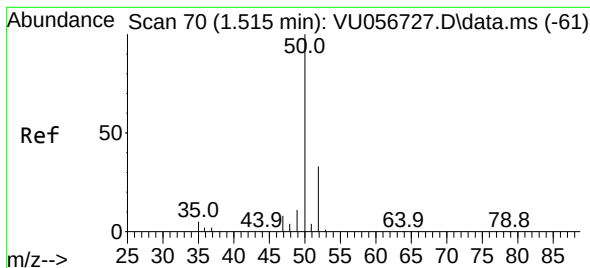
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.227 ug/L

RT: 1.518 min Scan# 70

Delta R.T. 0.003 min

Lab File: VU056745.D

Acq: 11 Dec 2023 20:31

Instrument :

MSVOA_U

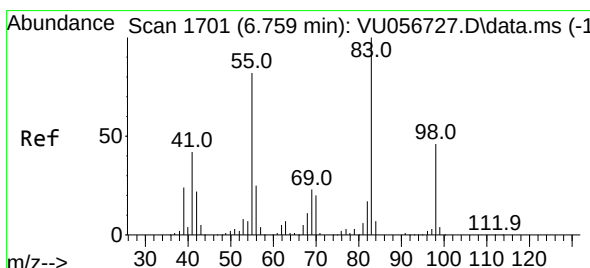
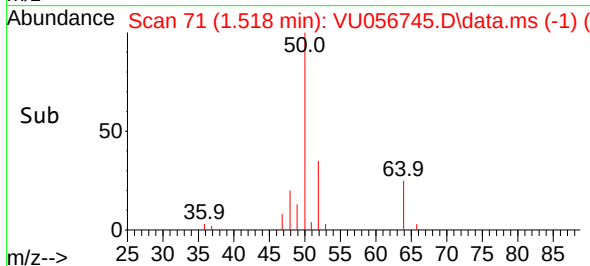
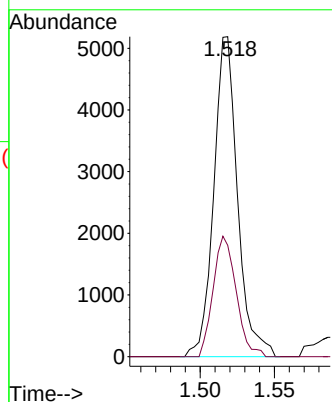
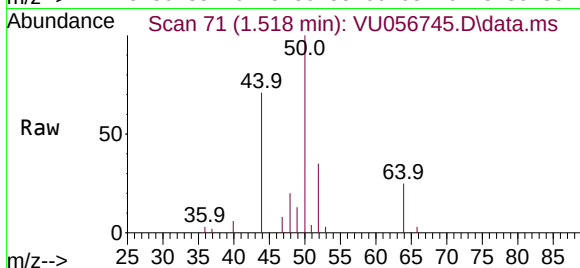
ClientSampleId :

Tgt Ion: 50 Resp: 5783

Ion Ratio Lower Upper

50 100

52 34.8 22.5 41.7



#35

Methylcyclohexane

Concen: 0.639 ug/L

RT: 6.682 min Scan# 1677

Delta R.T. -0.077 min

Lab File: VU056745.D

Acq: 11 Dec 2023 20:31

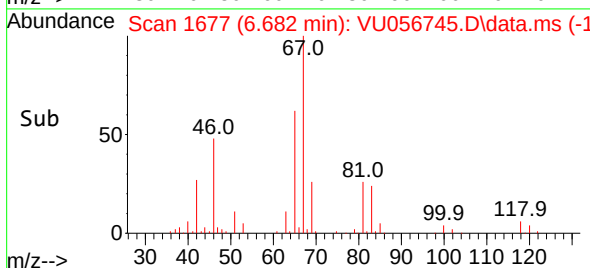
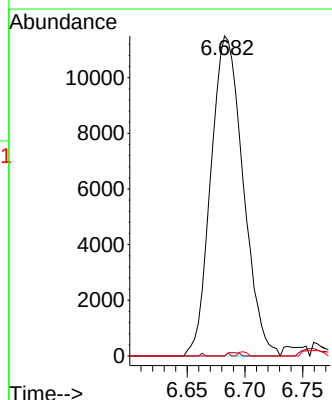
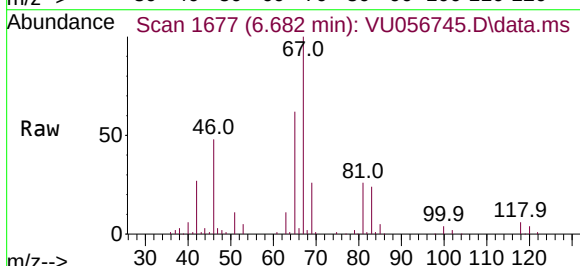
Tgt Ion: 83 Resp: 22364

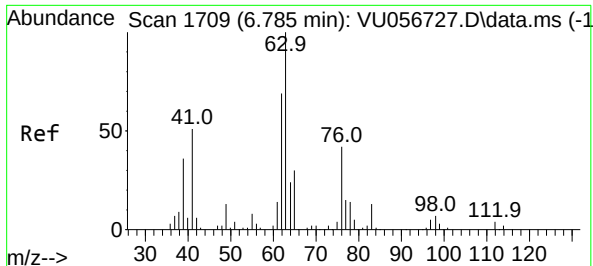
Ion Ratio Lower Upper

83 100

55 0.4 64.6 97.0#

98 0.1 36.1 54.1#





#37

1,2-Dichloropropane

Concen: 0.493 ug/L

RT: 6.685 min Scan# 1

Delta R.T. -0.100 min

Lab File: VU056745.D

Acq: 11 Dec 2023 20:31

Instrument :

MSVOA_U

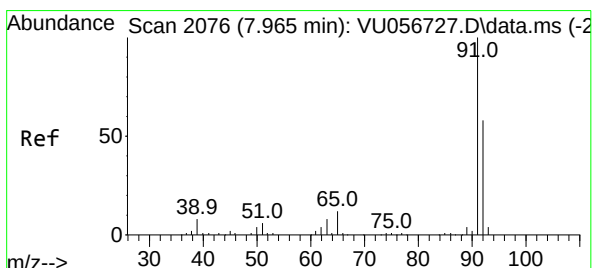
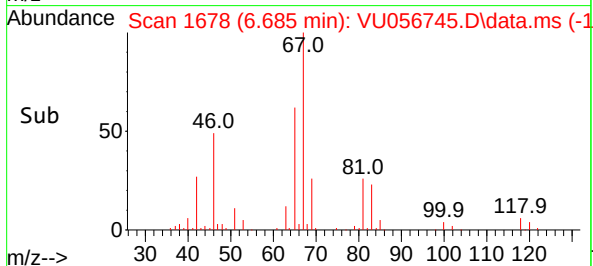
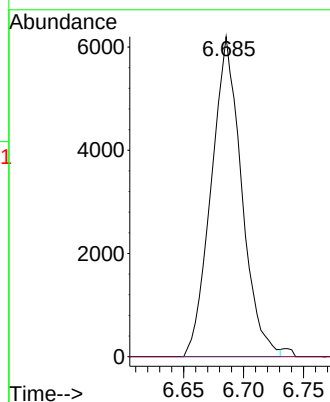
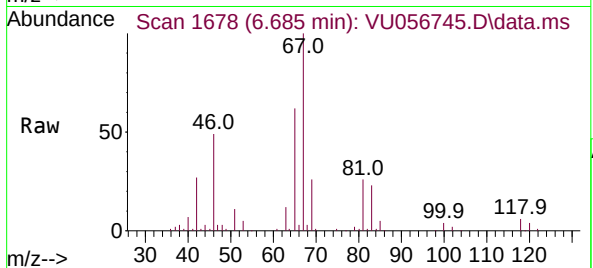
ClientSampleId :

Tgt Ion: 63 Resp: 10899

Ion Ratio Lower Upper

63 100

112 0.0 3.3 4.9#



#42

Toluene

Concen: 1.071 ug/L

RT: 7.965 min Scan# 2076

Delta R.T. 0.000 min

Lab File: VU056745.D

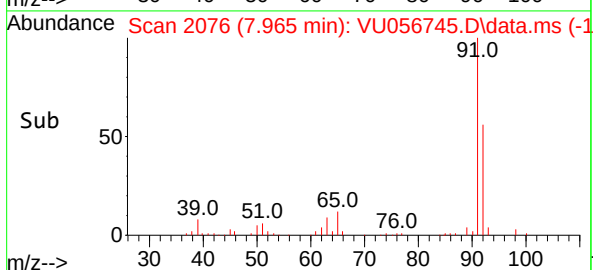
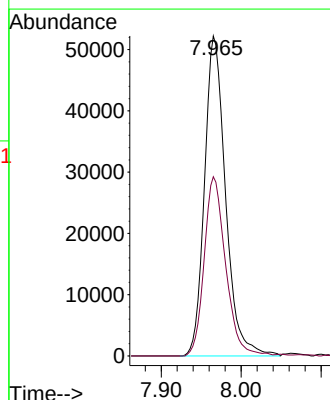
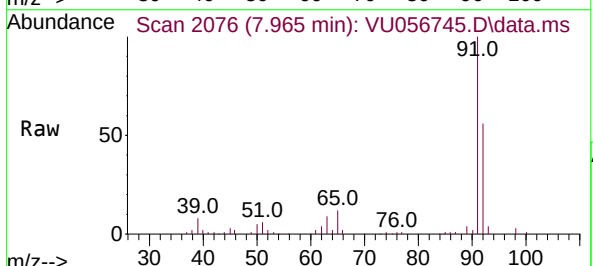
Acq: 11 Dec 2023 20:31

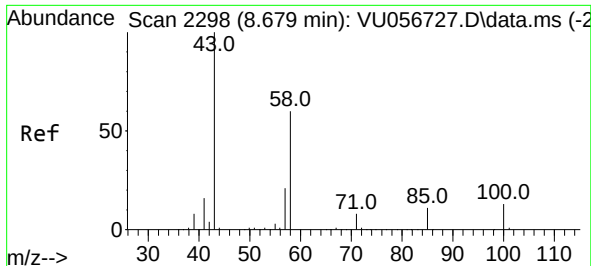
Tgt Ion: 91 Resp: 95843

Ion Ratio Lower Upper

91 100

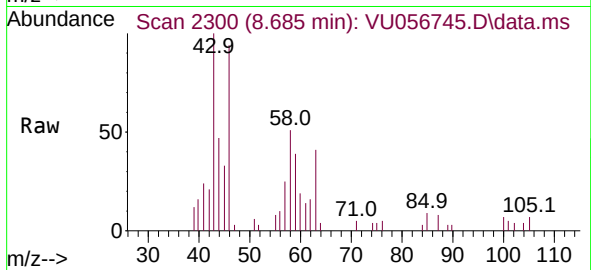
92 56.0 40.4 75.0



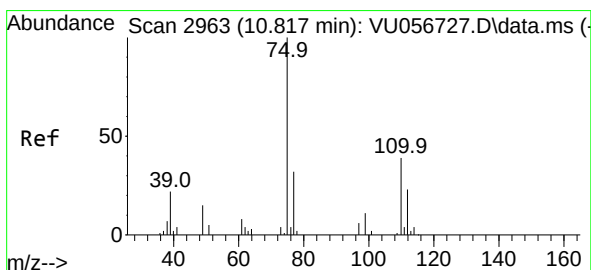
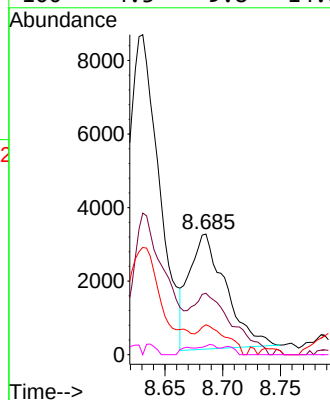
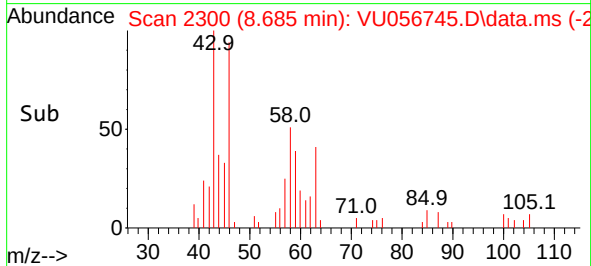


#48
2-Hexanone
Concen: 0.923 ug/L
RT: 8.685 min Scan# 21
Delta R.T. 0.006 min
Lab File: VU056745.D
Acq: 11 Dec 2023 20:31

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 43 Resp: 6905
Ion Ratio Lower Upper
43 100
58 56.6 47.5 71.3
57 19.1 17.0 25.4
100 4.3 9.8 14.8#



#61
1,2,3-Trichloropropane
Concen: 1.090 ug/L
RT: 11.807 min Scan# 3271
Delta R.T. 0.990 min
Lab File: VU056745.D
Acq: 11 Dec 2023 20:31

Tgt Ion: 75 Resp: 11995
Ion Ratio Lower Upper
75 100
110 1.5 28.4 42.6#
77 37.0 26.3 39.5

