

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012723\
 Data File : VU052857.D
 Acq On : 27 Jan 2023 19:16
 Operator : JC/MD
 Sample : 01316-
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 A44H1

Quant Time: Jan 27 22:25:44 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM012623WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jan 27 22:20:01 2023
 Response via : Initial Calibration

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

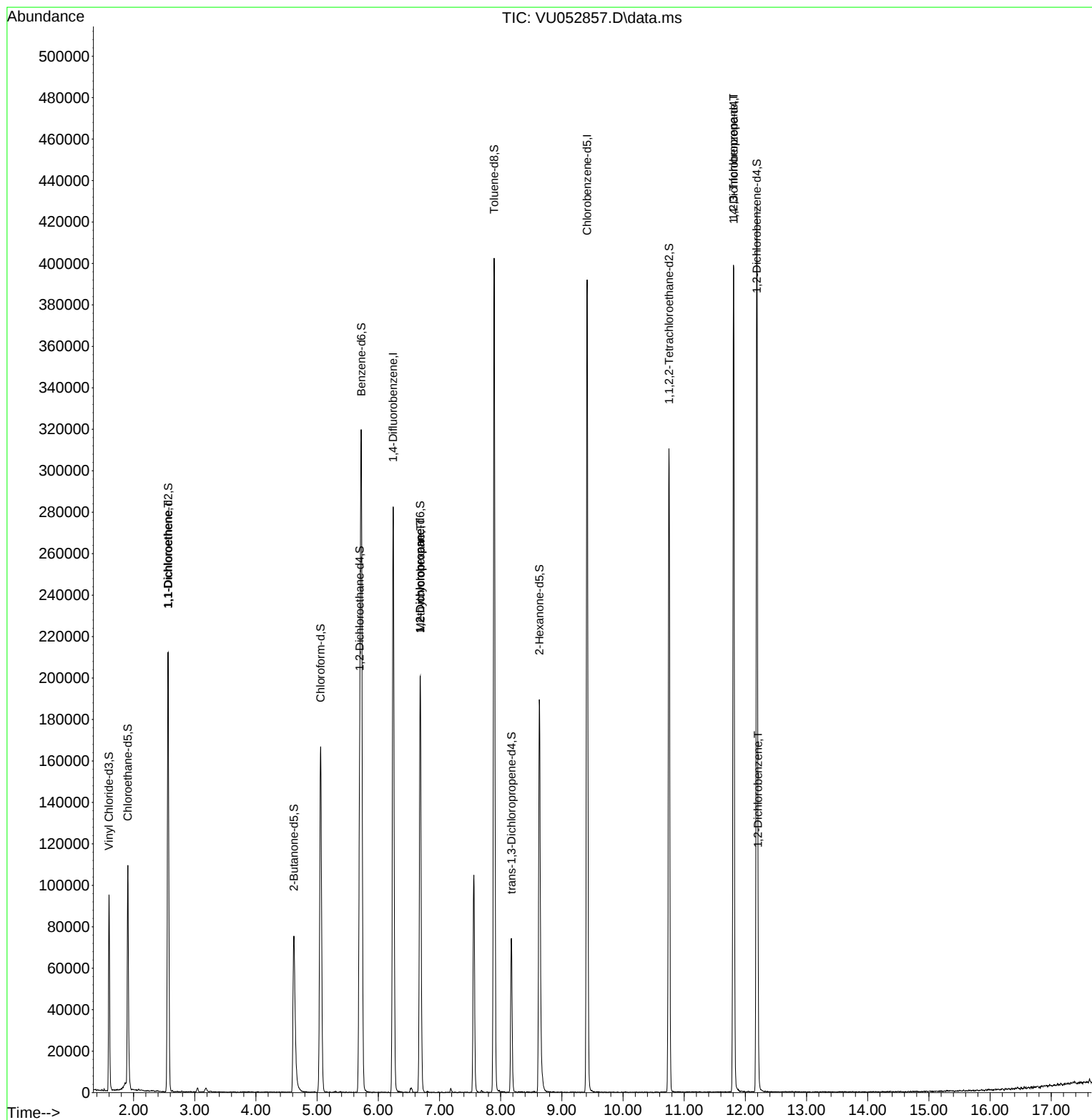
Internal Standards						
1) 1,4-Difluorobenzene	6.243	114	238077	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	229009	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	111959	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	70949	41.404	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	82.800%
7) Chloroethane-d5	1.906	69	76955	54.503	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	109.000%
11) 1,1-Dichloroethene-d2	2.565	63	128547	37.717	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	75.440%
21) 2-Butanone-d5	4.620	46	112101	105.899	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	105.900%
24) Chloroform-d	5.057	84	159366	43.578	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.160%
26) 1,2-Dichloroethane-d4	5.697	65	107755	46.146	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.300%
32) Benzene-d6	5.723	84	304972	43.589	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.180%
36) 1,2-Dichloropropane-d6	6.684	67	89985	43.852	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	87.700%
41) Toluene-d8	7.893	98	265205	41.627	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	83.260%
43) trans-1,3-Dichloroprop...	8.176	79	44220	42.995	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.000%
47) 2-Hexanone-d5	8.632	63	64441	89.376	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	89.380%
56) 1,1,2,2-Tetrachloroeth...	10.751	84	145754	48.075	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.160%
66) 1,2-Dichlorobenzene-d4	12.189	152	114910	52.858	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.720%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.562	96	1119	0.635	ug/L #	1
35) Methylcyclohexane	6.687	83	24539	7.825	ug/L #	20
37) 1,2-Dichloropropane	6.684	63	10283	5.365	ug/L #	85
60) 1,2,3-Trichloropropane	11.806	75	11428	5.262	ug/L #	63
67) 1,2-Dichlorobenzene	12.208	146	5552	1.505	ug/L	93

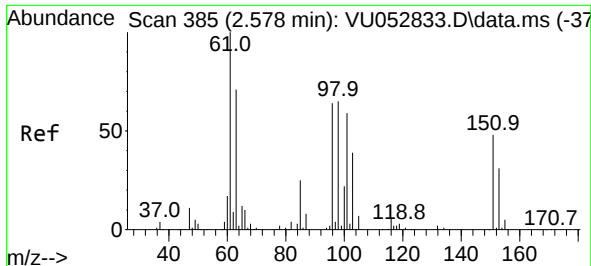
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data File : VU052857.D
Acq On : 27 Jan 2023 19:16
Operator : JC/MD
Sample : 01316-07
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
A44H1

Quant Time: Jan 27 22:25:44 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM012623WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Jan 27 22:20:01 2023
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.635 ug/L

RT: 2.562 min Scan# 31

Delta R.T. -0.016 min

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Acq: 27 Jan 2023 19:16

Instrument :

MSVOA_U

ClientSampleId :

A44H1

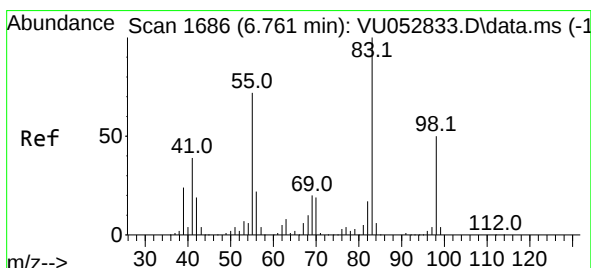
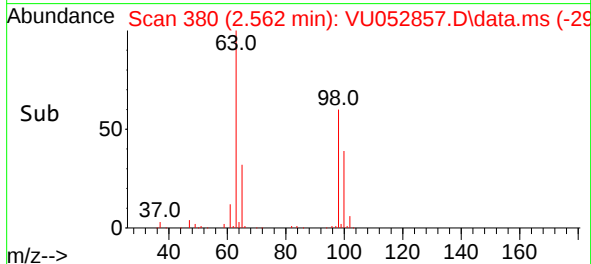
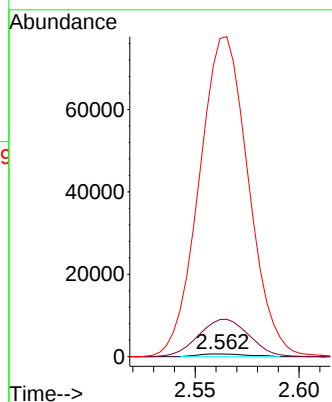
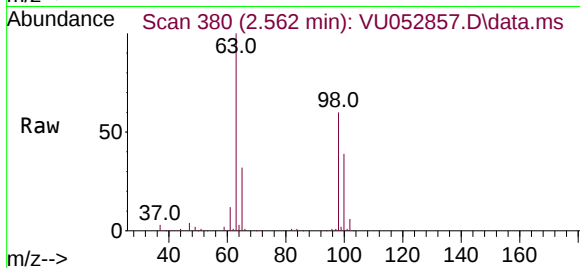
Tgt Ion: 96 Resp: 1119

Ion Ratio Lower Upper

96 100

61 1330.8 114.3 212.3#

63 11428.4 80.6 149.6#



#35

Methylcyclohexane

Concen: 7.825 ug/L

RT: 6.687 min Scan# 1663

Delta R.T. -0.074 min

Lab File: VU052857.D

Acq: 27 Jan 2023 19:16

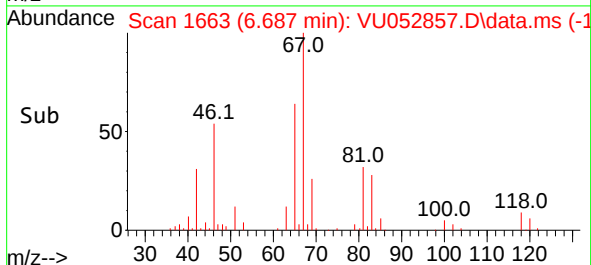
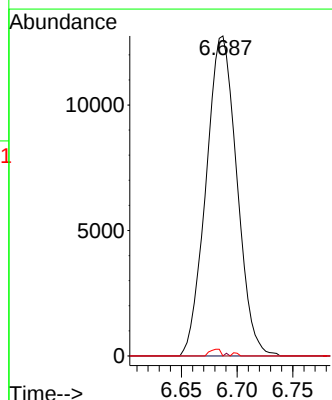
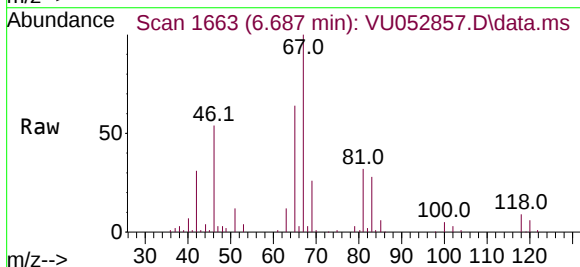
Tgt Ion: 83 Resp: 24539

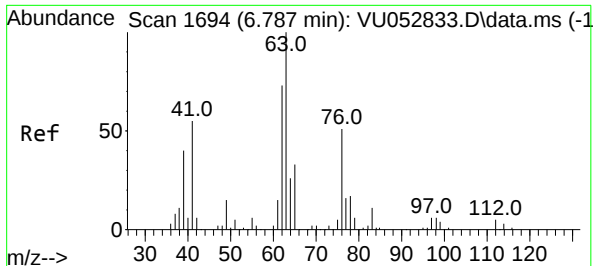
Ion Ratio Lower Upper

83 100

55 0.0 57.1 85.7#

98 0.7 38.9 58.3#





#37

1,2-Dichloropropane

Concen: 5.365 ug/L

RT: 6.684 min Scan# 1

Delta R.T. -0.103 min

Lab File: VU052857.D

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Instrument :

MSVOA_U

ClientSampleId :

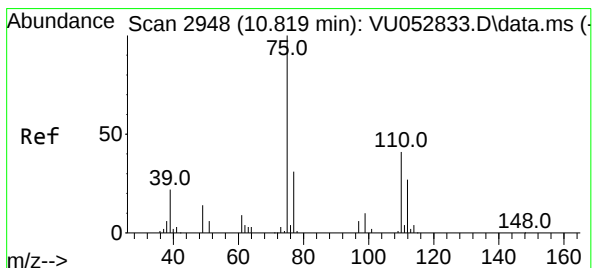
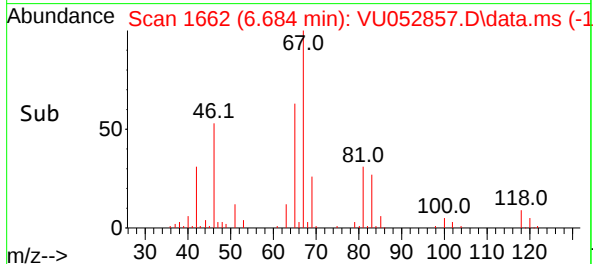
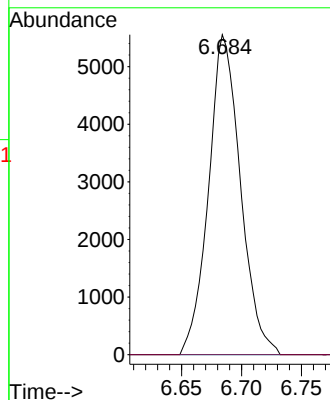
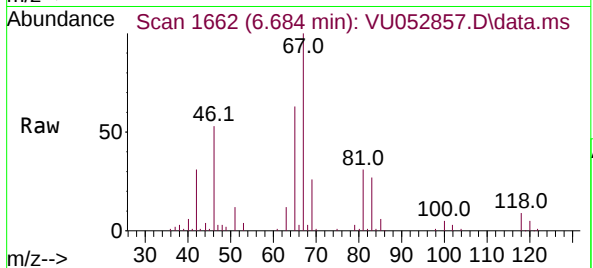
A44H1

Tgt Ion: 63 Resp: 10283

Ion Ratio Lower Upper

63 100

112 0.0 3.8 5.8#



#60

1,2,3-Trichloropropane

Concen: 5.262 ug/L

RT: 11.806 min Scan# 3255

Delta R.T. 0.987 min

Lab File: VU052857.D

Acq: 27 Jan 2023 19:16

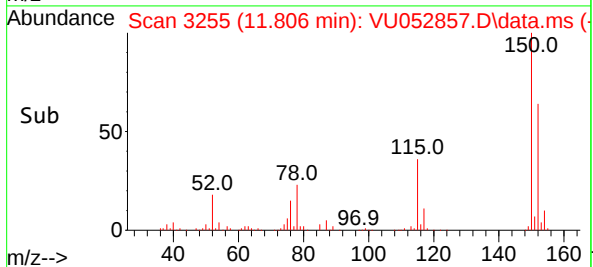
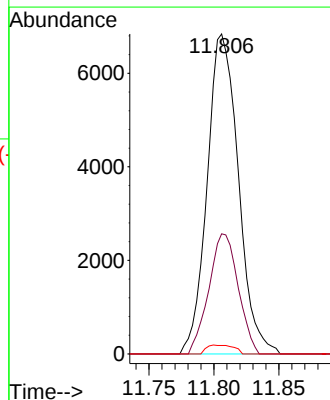
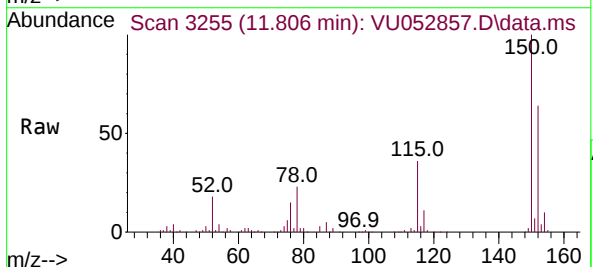
Tgt Ion: 75 Resp: 11428

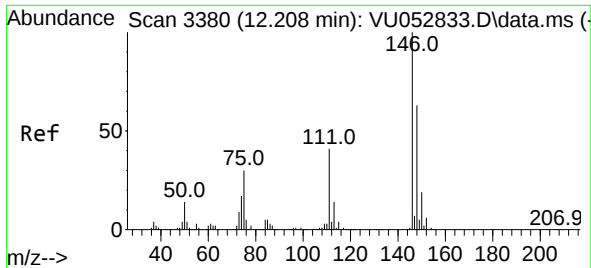
Ion Ratio Lower Upper

75 100

77 35.2 25.8 38.8

110 1.4 32.4 48.6#





#67

1,2-Dichlorobenzene

Concen: 1.505 ug/L

RT: 12.208 min Scan# 31

Delta R.T. -0.000 min

Lab File: VU052857.D

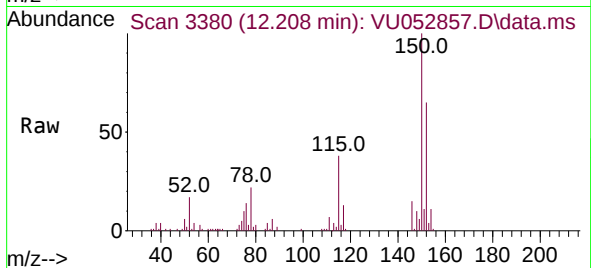
Acq: 27 Jan 2023 19:16

Instrument :

MSVOA_U

ClientSampleId :

A44H1



Tgt Ion:	146	Resp:	5552
Ion	Ratio	Lower	Upper
146	100		
111	44.1	33.2	49.8
148	70.1	50.2	75.4

