

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012723\
 Data File : VU052851.D
 Acq On : 27 Jan 2023 16:55
 Operator : JC/MD
 Sample : 01316-15
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 A44G5

Quant Time: Jan 27 22:24:27 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)

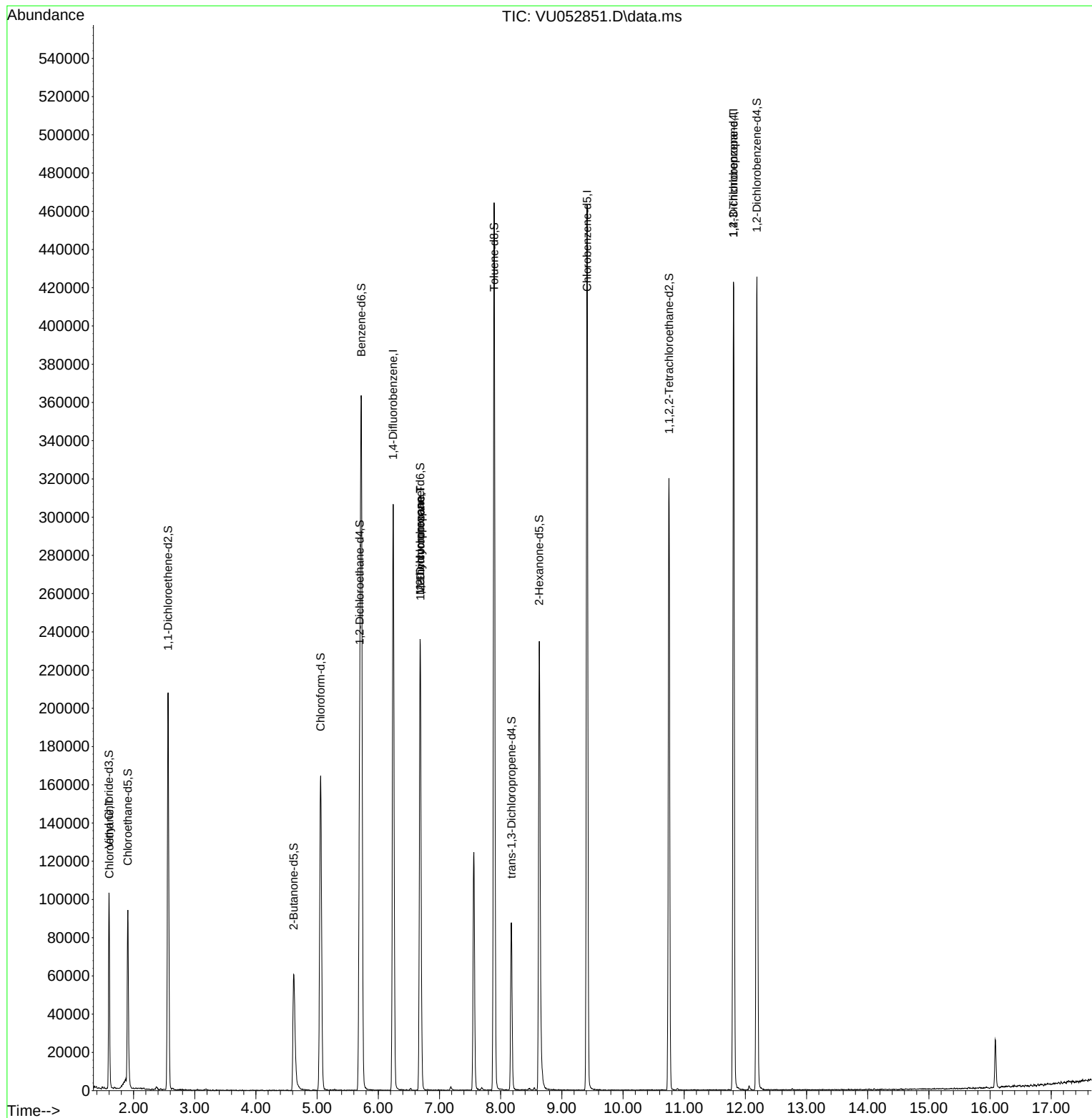
Internal Standards						
1) 1,4-Difluorobenzene	6.243	114	254998	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	257716	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.806	152	115496	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	76795	41.842	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	83.680%		
7) Chloroethane-d5	1.906	69	74082	48.986	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	97.980%		
11) 1,1-Dichloroethene-d2	2.562	63	124588	34.129	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	68.260%		
21) 2-Butanone-d5	4.617	46	87883	77.512	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	77.510%		
24) Chloroform-d	5.057	84	159458	40.709	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	81.420%		
26) 1,2-Dichloroethane-d4	5.697	65	118276	47.290	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	94.580%		
32) Benzene-d6	5.723	84	342510	43.501	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	87.000%		
36) 1,2-Dichloropropane-d6	6.684	67	107726	46.650	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	93.300%		
41) Toluene-d8	7.893	98	306646	42.770	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	85.540%		
43) trans-1,3-Dichloroprop...	8.176	79	50455	43.593	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	87.180%		
47) 2-Hexanone-d5	8.629	63	76522	94.310	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	94.310%		
56) 1,1,2,2-Tetrachloroeth...	10.751	84	152615	44.731	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	89.460%		
66) 1,2-Dichlorobenzene-d4	12.189	152	113456	50.591	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	101.180%		
Target Compounds						Qvalue
8) Chloroethane	1.604	64	1238	0.905	ug/L #	1
35) Methylcyclohexane	6.684	83	27681	7.844	ug/L #	20
37) 1,2-Dichloropropane	6.687	63	11801	5.472	ug/L #	85
60) 1,2,3-Trichloropropane	11.806	75	12015	5.363	ug/L #	64

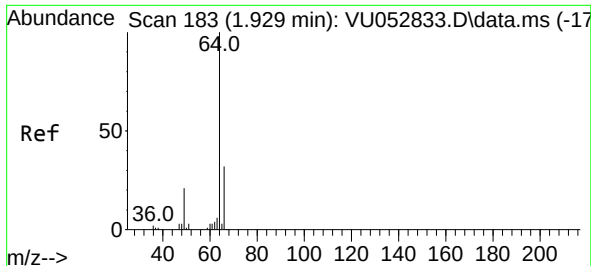
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#8

Chloroethane

Concen: 0.905 ug/L

RT: 1.604 min Scan# 81

Delta R.T. -0.325 min

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MSVOA_U

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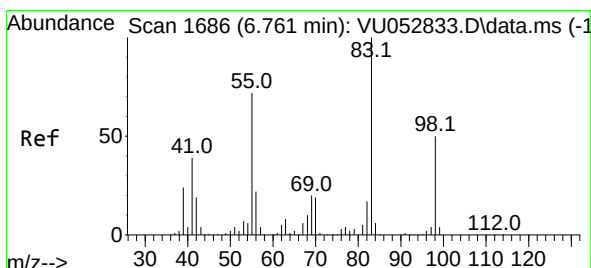
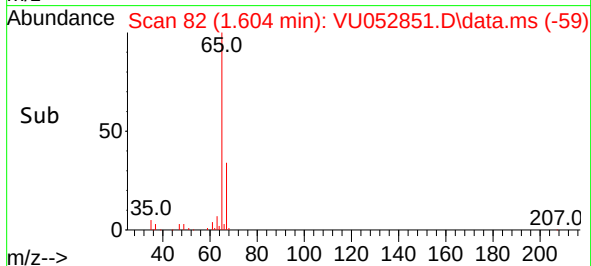
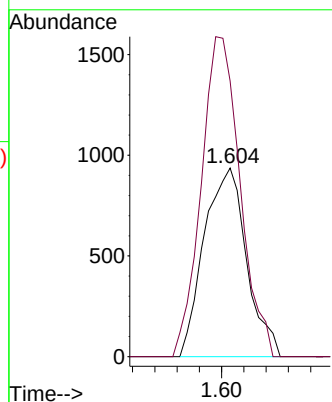
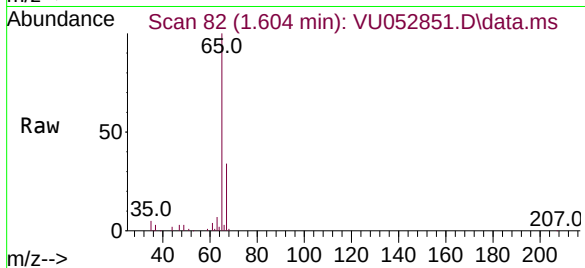
A44G5

Tgt Ion: 64 Resp: 1238

Ion Ratio Lower Upper

64 100

66 146.1 24.1 44.7#



#35

Methylcyclohexane

Concen: 7.844 ug/L

RT: 6.684 min Scan# 1662

Delta R.T. -0.077 min

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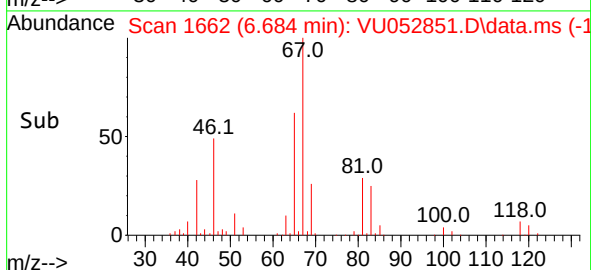
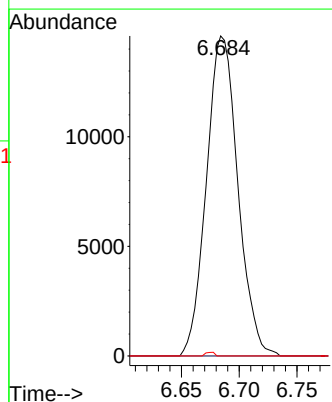
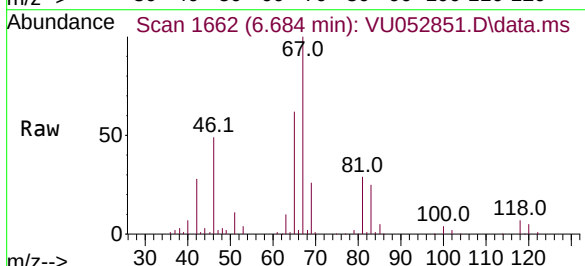
Tgt Ion: 83 Resp: 27681

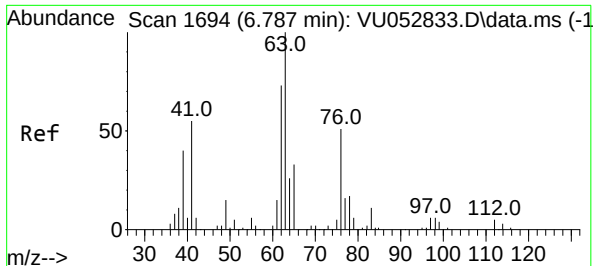
Ion Ratio Lower Upper

83 100

55 0.0 57.1 85.7#

98 0.3 38.9 58.3#





#37

1,2-Dichloropropane

Concen: 5.472 ug/L

RT: 6.687 min Scan# 1

Delta R.T. -0.100 min

Lab File: VU052851.D

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Instrument :

MSVOA_U

ClientSampleId :

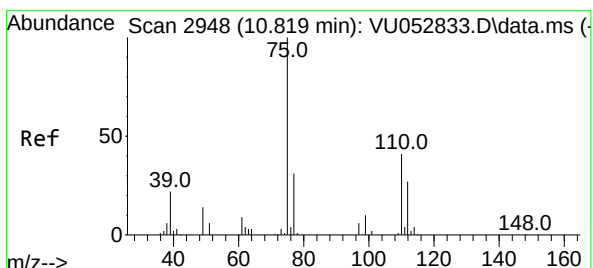
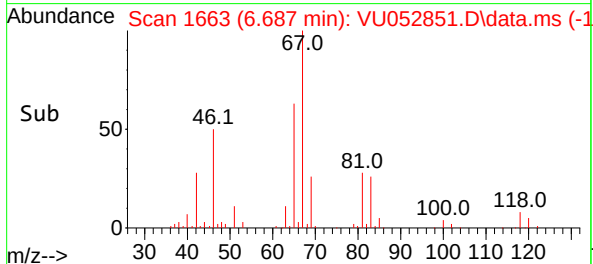
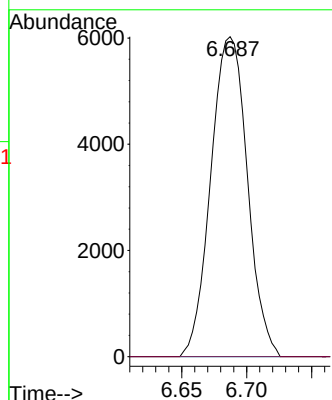
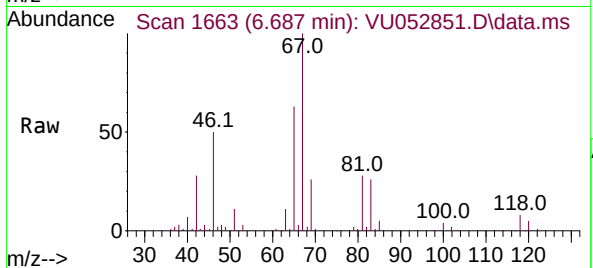
A44G5

Tgt Ion: 63 Resp: 11801

Ion Ratio Lower Upper

63 100

112 0.0 3.8 5.8#



#60

1,2,3-Trichloropropane

Concen: 5.363 ug/L

RT: 11.806 min Scan# 3255

Delta R.T. 0.987 min

Lab File: VU052851.D

Acq: 27 Jan 2023 16:55

Tgt Ion: 75 Resp: 12015

Ion Ratio Lower Upper

75 100

77 33.6 25.8 38.8

110 1.9 32.4 48.6#

