

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU072118\
 Data File : VU025581.D
 Acq On : 21 Jul 2018 13:40
 Operator : MD/SY
 Sample : J4037-11ME
 Misc : 5.91g/5.0ml/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jul 23 01:13:06 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM072018WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Jul 23 01:10:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	285424	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	272097	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	154368	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	53603	32.90	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	65.80%
7) Chloroethane-d5	1.64	69	36365	27.06	ug/L	-0.04
Spiked Amount	50.000	Range	70 - 130	Recovery	=	54.12%#
11) 1,1-Dichloroethene-d2	2.24	63	98733	29.11	ug/L	-0.04
Spiked Amount	50.000	Range	60 - 125	Recovery	=	58.22%#
21) 2-Butanone-d5	4.19	46	154399	122.74	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	122.74%
24) Chloroform-d	4.65	84	172379	47.49	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.98%
26) 1,2-Dichloroethane-d4	5.31	65	120608	50.25	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.50%
32) Benzene-d6	5.34	84	321929	46.13	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.26%
36) 1,2-Dichloropropane-d6	6.33	67	110544	49.16	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.32%
41) Toluene-d8	7.57	98	302628	45.22	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.44%
43) trans-1,3-Dichloropropene-	7.85	79	54167	47.16	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.32%
47) 2-Hexanone-d5	8.32	63	120886	128.39	ug/L	0.01
Spiked Amount	100.000	Range	45 - 130	Recovery	=	128.39%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	187320	59.56	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	119.12%
64) 1,2-Dichlorobenzene-d4	11.87	152	158202	50.57	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.14%

Target Compounds

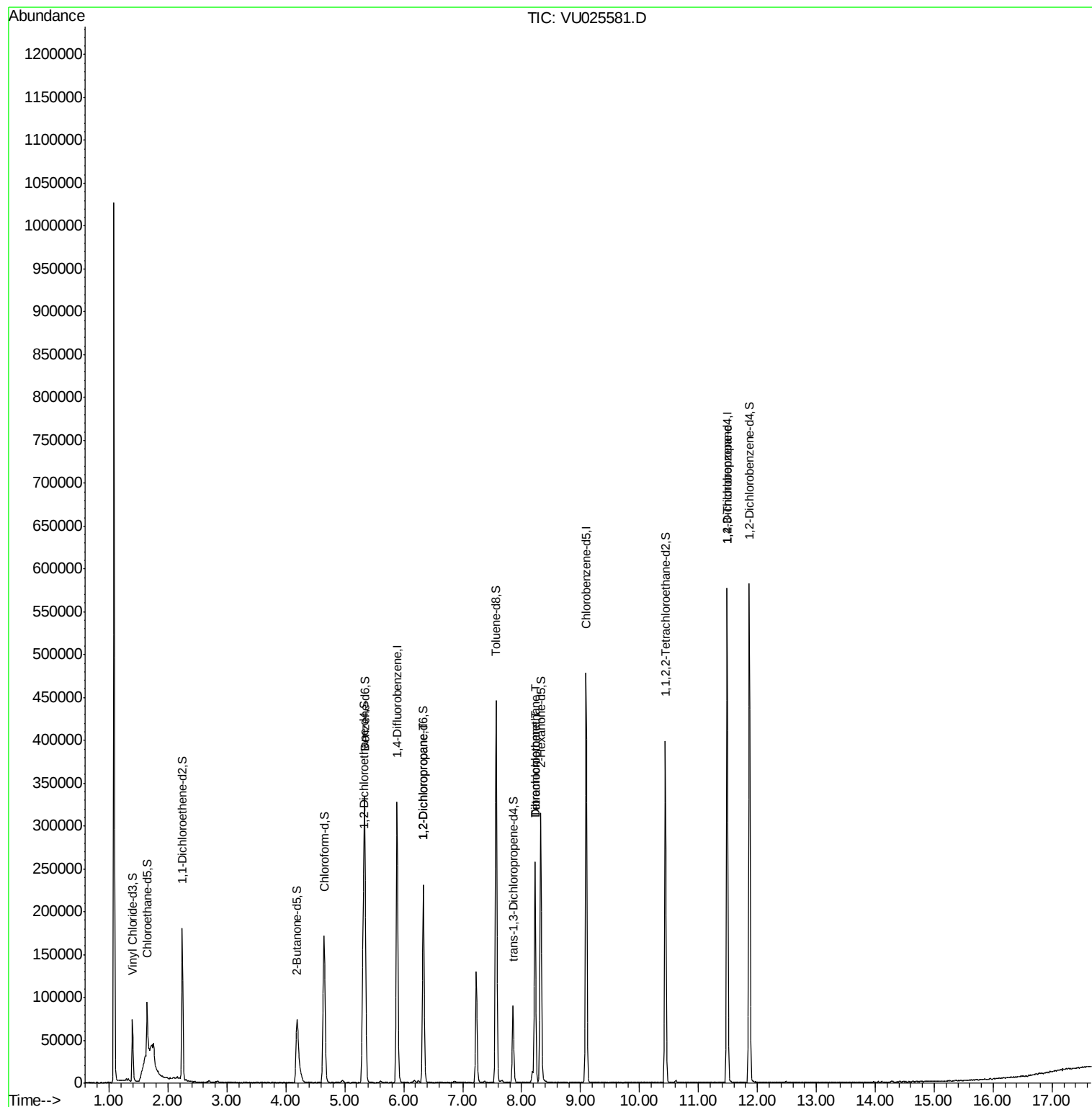
					Ovalue
37) 1,2-Dichloropropane	6.33	63	12823	6.002 ug/L #	88
46) Tetrachloroethene	8.23	164	59475	33.071 ug/L	97
49) Dibromochloromethane	8.23	129	54281	22.580 ug/L #	11
59) 1,2,3-Trichloropropane	11.49	75	16443	6.553 ug/L #	84

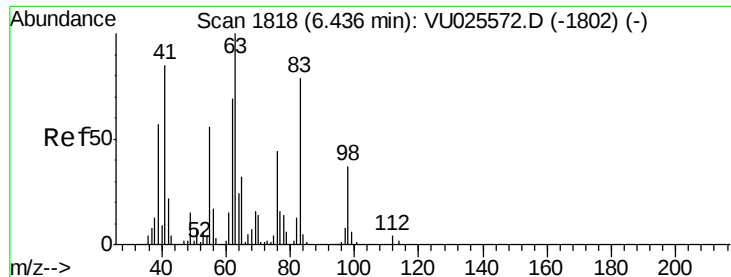
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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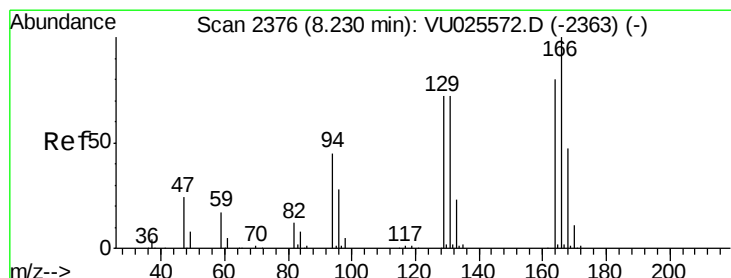
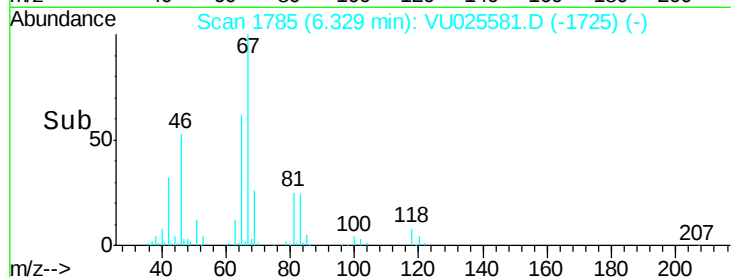
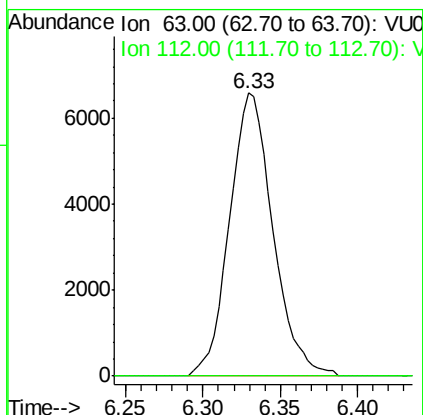
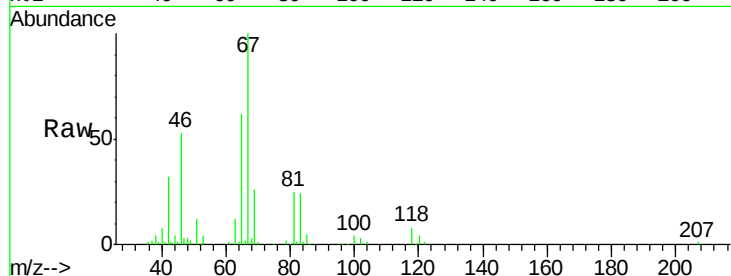




#37
 1,2-Dichloropropane
 Concen: 6.002 ug/L
 RT: 6.33 min Scan# 1785
 Delta R.T. -0.11 min
 Lab File: VU025581.D
 Acq: 21 Jul 2018 13:40

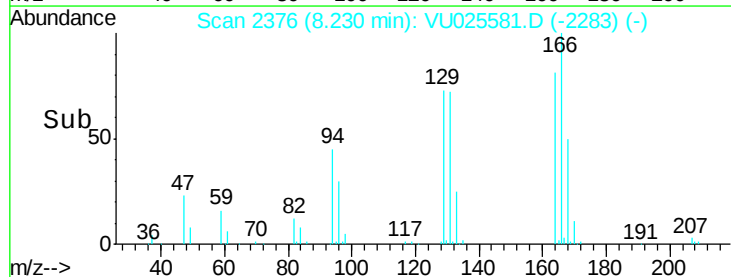
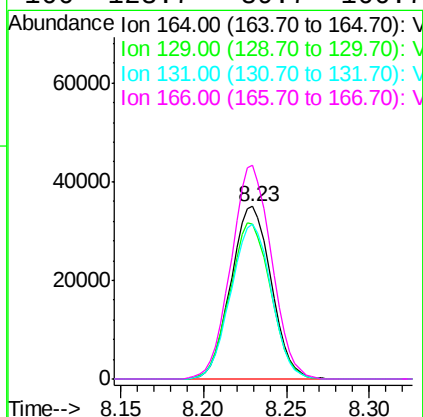
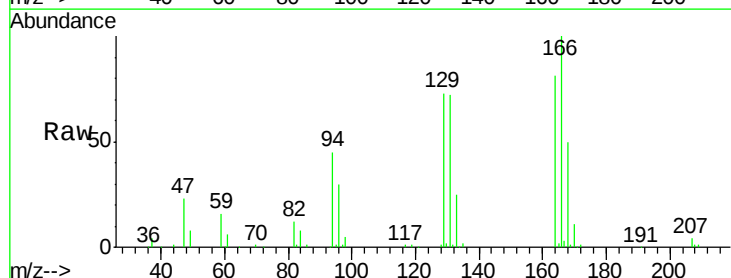
Instrument :
 MSVOA_U
 ClientSampleId :

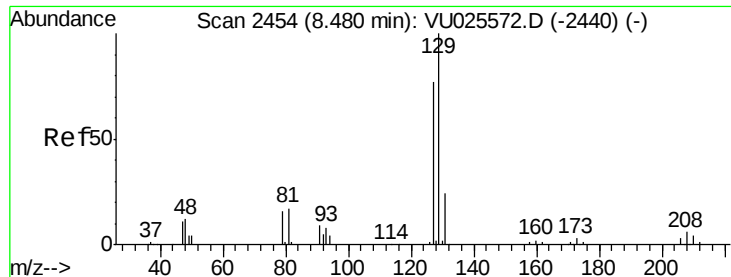
Tot Ion: 63 Resp: 12823
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.3 4.9#



#46
 Tetrachloroethene
 Concen: 33.071 ug/L
 RT: 8.23 min Scan# 2376
 Delta R.T. -0.00 min
 Lab File: VU025581.D
 Acq: 21 Jul 2018 13:40

Tgt Ion:164 Resp: 59475
 Ion Ratio Lower Upper
 164 100
 129 89.9 65.1 120.9
 131 89.7 62.8 116.6
 166 123.7 89.7 166.7





#49

Dibromochloromethane

Concen: 22.580 ug/L

RT: 8.23 min Scan# 2375

Delta R.T. -0.25 min

Lab File: VU025581.D

Acq: 21 Jul 2018 13:40

Instrument :

MSVOA_U

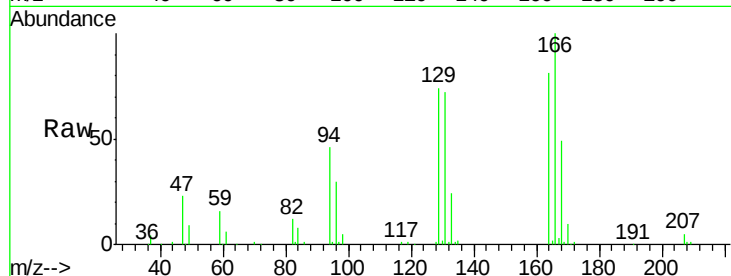
ClientSampleId :

Tot Ion:129 Resp: 54281

Ion Ratio Lower Upper

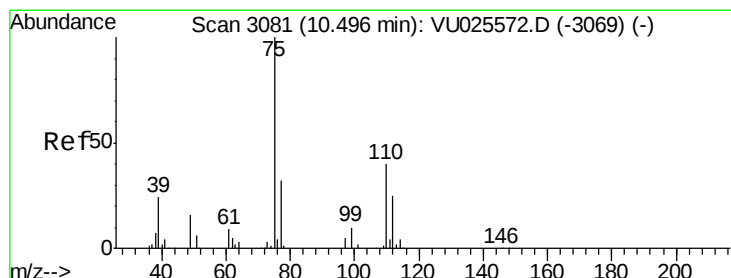
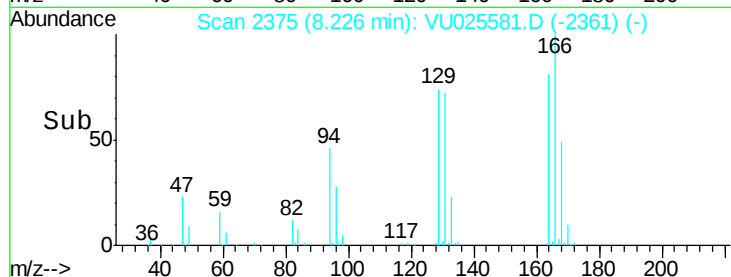
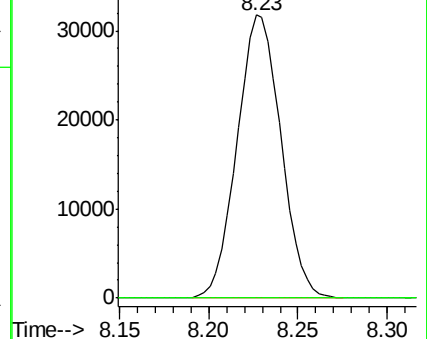
129 100

127 0.0 53.8 100.0#



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#59

1,2,3-Trichloropropane

Concen: 6.553 ug/L

RT: 11.49 min Scan# 3389

Delta R.T. 0.99 min

Lab File: VU025581.D

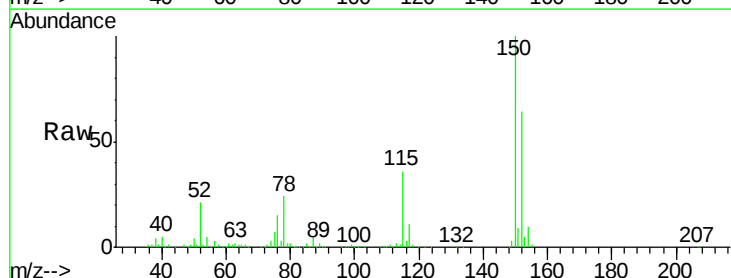
Acq: 21 Jul 2018 13:40

Tgt Ion: 75 Resp: 16443

Ion Ratio Lower Upper

75 100

77 41.1 25.8 38.8#



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

