

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU071618\
 Data File : VU025437.D
 Acq On : 16 Jul 2018 20:32
 Operator : MD/SY
 Sample : J3989-02DL 10X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DB173DL

Quant Time: Jul 17 03:56:56 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM071618WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jul 17 02:54:19 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	340037	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	305466	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	135918	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	77511	42.39	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	84.78%
7) Chloroethane-d5	1.67	69	70228	46.78	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	93.56%
11) 1,1-Dichloroethene-d2	2.27	63	123660	31.30	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	62.60%
21) 2-Butanone-d5	4.18	46	179900	97.38	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	97.38%
24) Chloroform-d	4.65	84	192867	44.46	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.92%
26) 1,2-Dichloroethane-d4	5.31	65	137069	46.31	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.62%
32) Benzene-d6	5.35	84	371069	48.35	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.70%
36) 1,2-Dichloropropane-d6	6.33	67	123306	49.67	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.34%
41) Toluene-d8	7.57	98	342715	45.45	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.90%
43) trans-1,3-Dichloropropene-	7.85	79	53638	42.58	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.16%
47) 2-Hexanone-d5	8.31	63	135938	102.65	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	102.65%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	179486	47.09	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.18%
64) 1,2-Dichlorobenzene-d4	11.86	152	141700	49.90	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.80%

Target Compounds

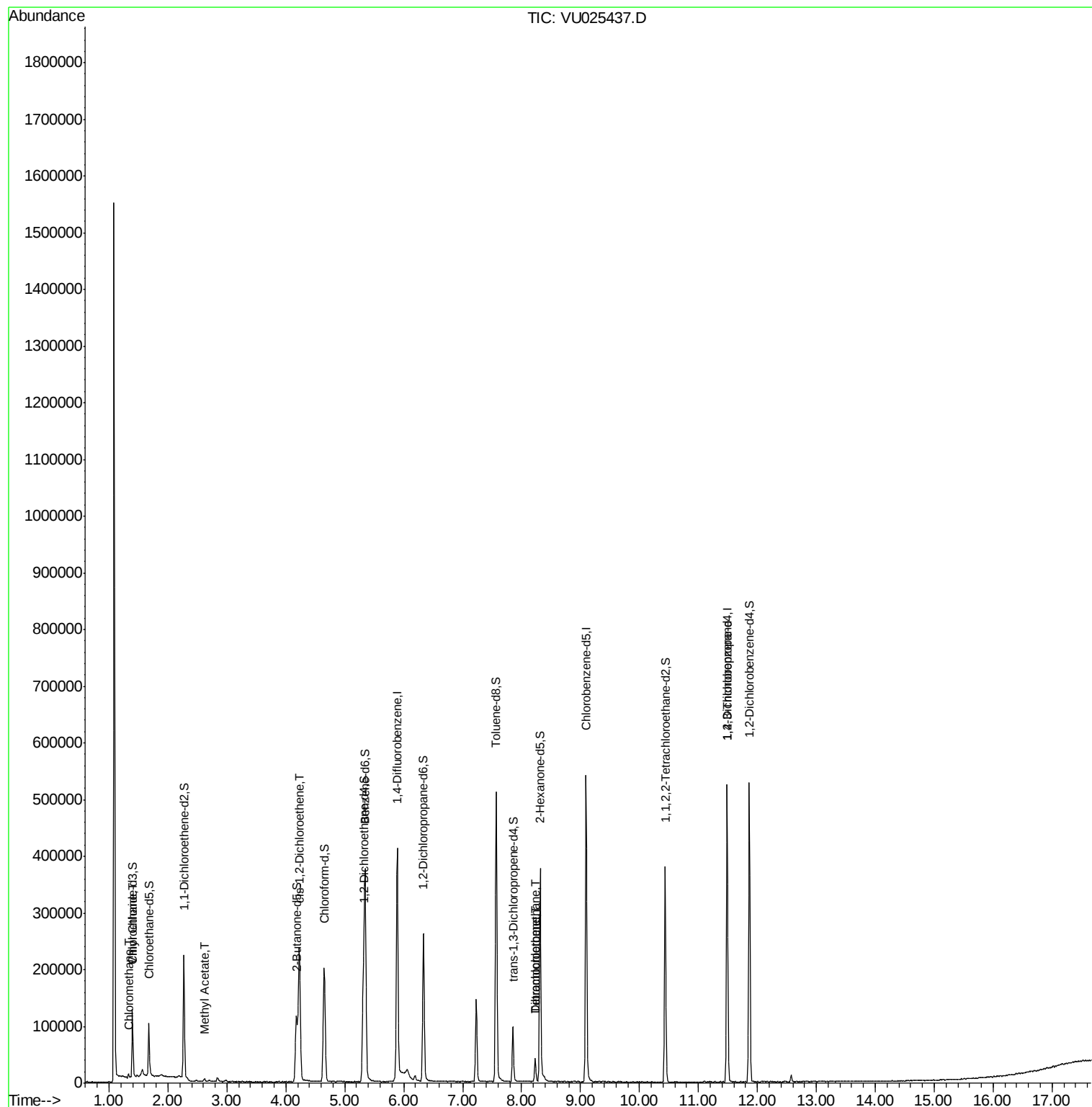
					Qvalue
3) Chloromethane	1.33	50	5598	1.758 ug/L	98
8) Chloroethane	1.40	64	1853	1.214 ug/L #	1
15) Methyl Acetate	2.62	43	4813	1.665 ug/L	98
20) cis-1,2-Dichloroethene	4.23	96	126822	48.606 ug/L	99
46) Tetrachloroethene	8.23	164	9501	4.818 ug/L	97
49) Dibromochloromethane	8.23	129	8801	3.483 ug/L #	11
59) 1,2,3-Trichloropropane	11.49	75	14286	4.164 ug/L #	79

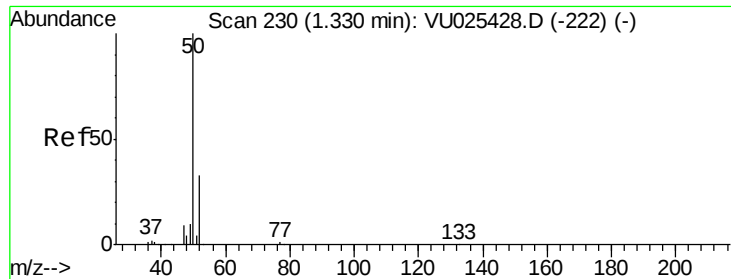
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#3

Chloromethane

Concen: 1.758 ug/L

RT: 1.33 min Scan# 230

Delta R.T. 0.00 min

Lab File: VU025437.D

Acq: 16 Jul 2018 20:32

Instrument :

MSVOA_U

ClientSampleId :

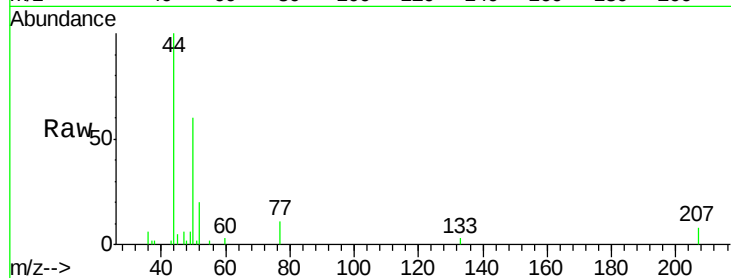
DB173DL

Tgt Ion: 50 Resp: 5598

Ion Ratio Lower Upper

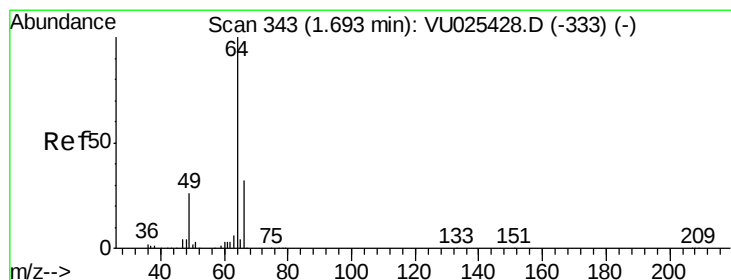
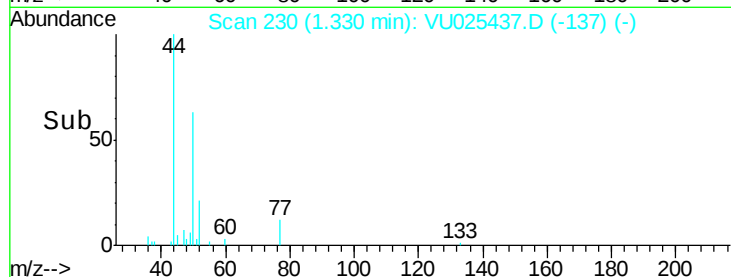
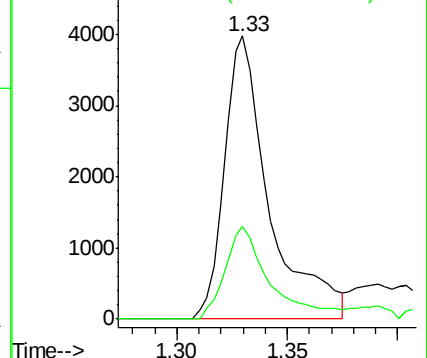
50 100

52 32.6 23.5 43.7



Abundance Ion 50.00 (49.70 to 50.70): VU0

Ion 52.00 (51.70 to 52.70): VU0



#8

Chloroethane

Concen: 1.214 ug/L

RT: 1.40 min Scan# 252

Delta R.T. -0.29 min

Lab File: VU025437.D

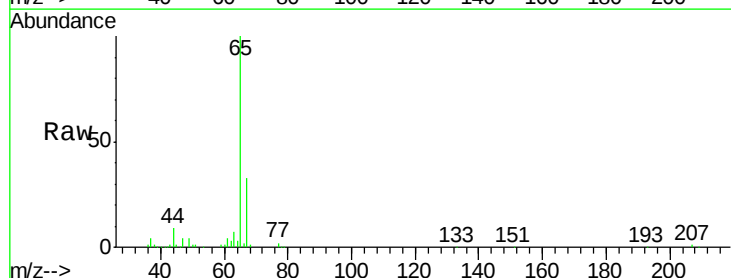
Acq: 16 Jul 2018 20:32

Tgt Ion: 64 Resp: 1853

Ion Ratio Lower Upper

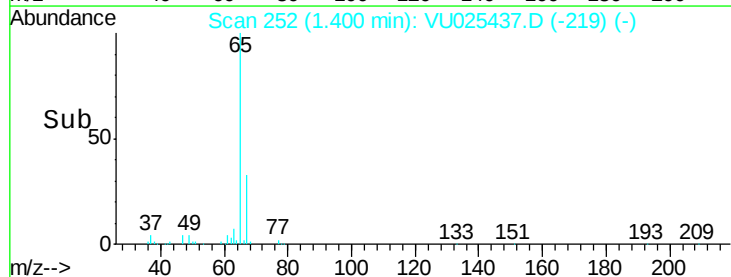
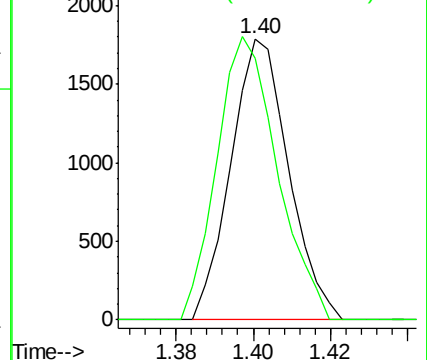
64 100

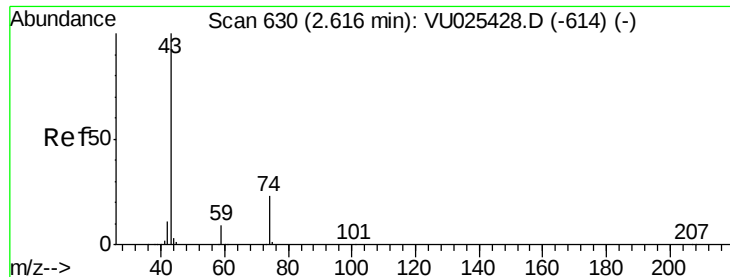
66 93.2 23.2 43.0#



Abundance Ion 64.00 (63.70 to 64.70): VU0

Ion 66.00 (65.70 to 66.70): VU0

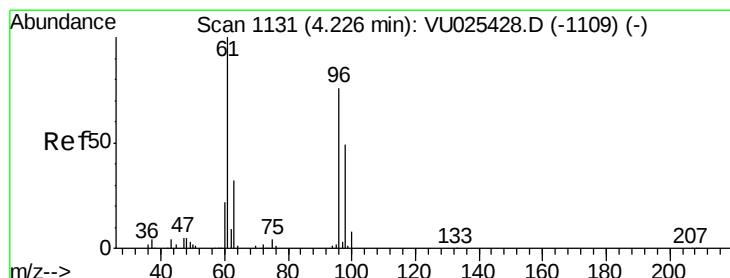
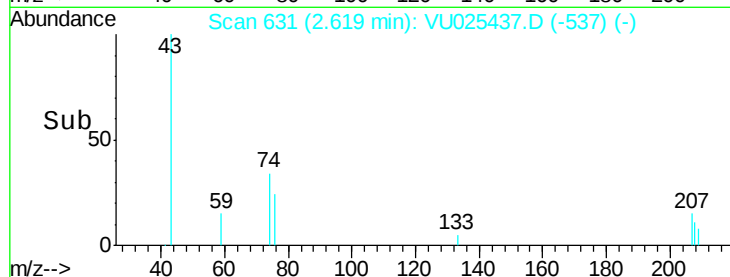
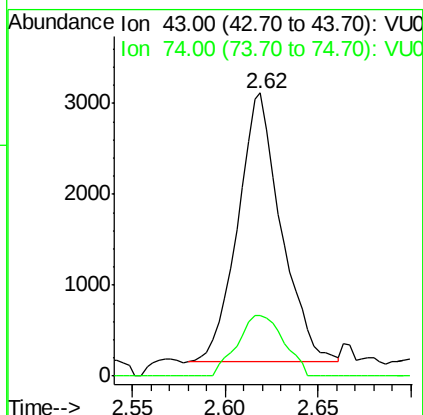
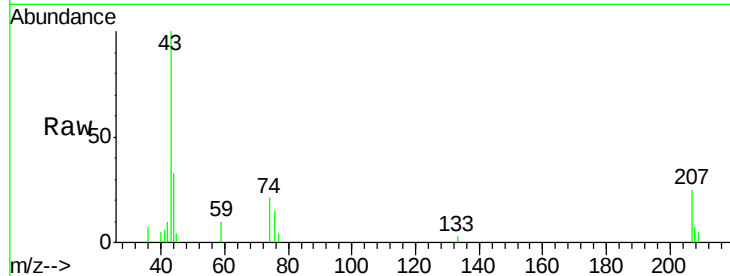




#15
Methyl Acetate
Concen: 1.665 ug/L
RT: 2.62 min Scan# 631
Delta R.T. 0.00 min
Lab File: VU025437.D
Acq: 16 Jul 2018 20:32

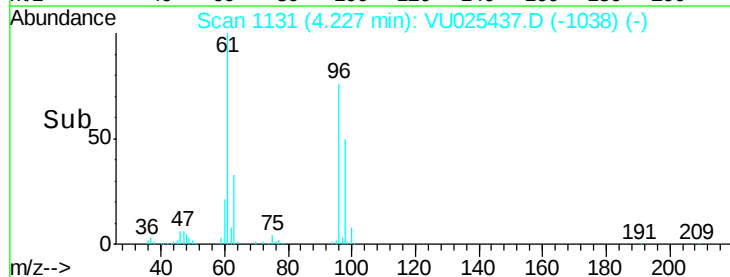
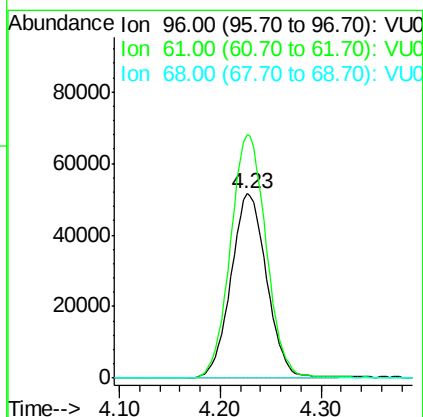
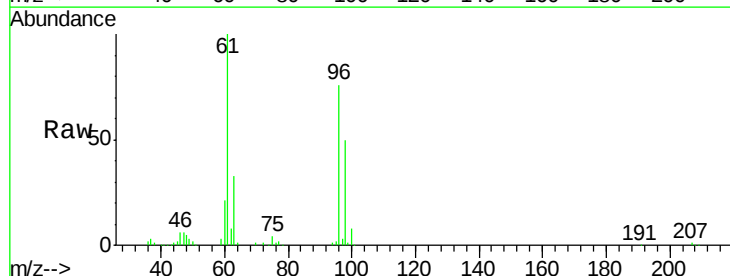
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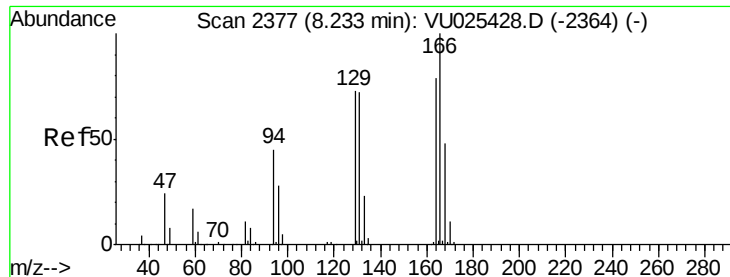
Tgt Ion: 43 Resp: 4813
Ion Ratio Lower Upper
43 100
74 24.3 18.8 28.2



#20
cis-1,2-Dichloroethene
Concen: 48.606 ug/L
RT: 4.23 min Scan# 1131
Delta R.T. 0.00 min
Lab File: VU025437.D
Acq: 16 Jul 2018 20:32

Tgt Ion: 96 Resp: 126822
Ion Ratio Lower Upper
96 100
61 132.2 92.0 170.9
68 0.0 0.0 0.0

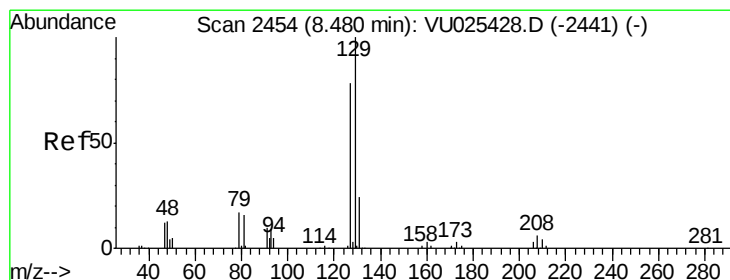
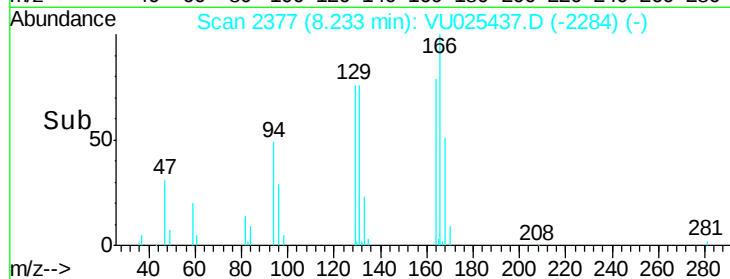
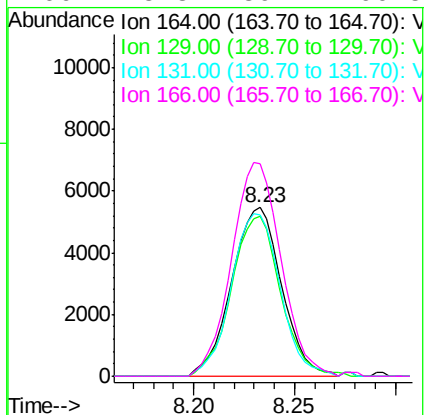
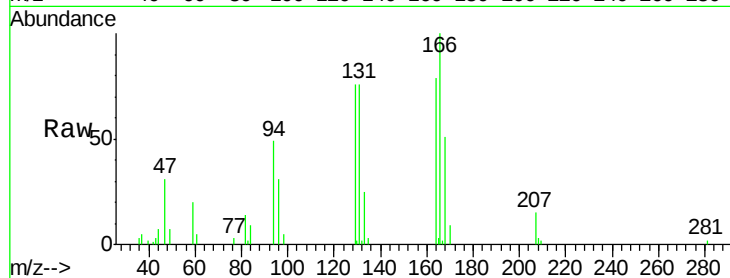




#46
Tetrachloroethene
Concen: 4.818 ug/L
RT: 8.23 min Scan# 2377
Delta R.T. 0.00 min
Lab File: VU025437.D
Acq: 16 Jul 2018 20:32

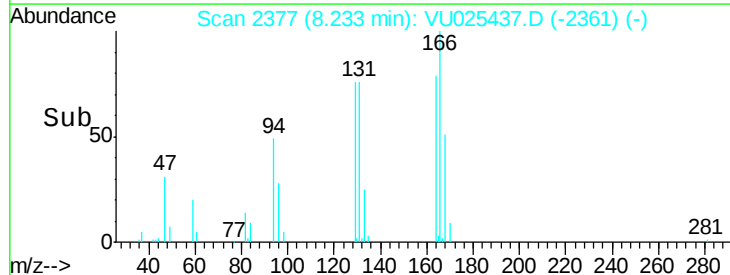
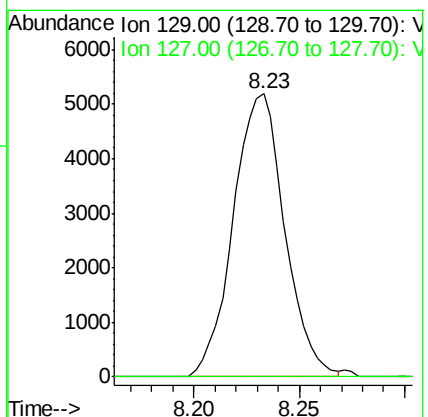
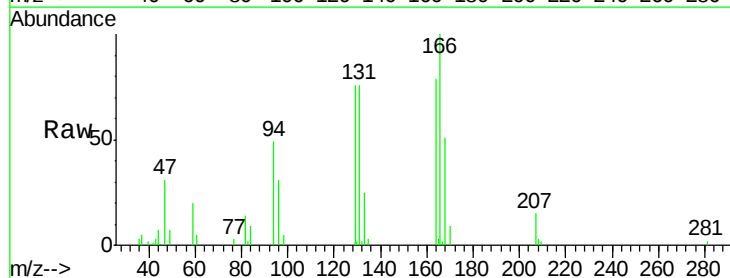
Instrument :
MSVOA_U
ClientSampleId :
DB173DL

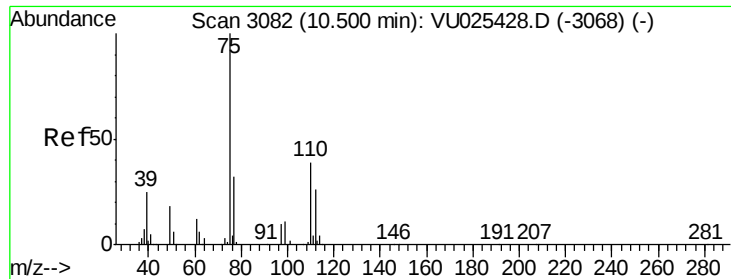
Tgt Ion:164 Resp: 9501
Ion Ratio Lower Upper
164 100
129 95.1 64.7 120.1
131 95.7 63.1 117.3
166 125.8 89.7 166.5



#49
Dibromochloromethane
Concen: 3.483 ug/L
RT: 8.23 min Scan# 2377
Delta R.T. -0.25 min
Lab File: VU025437.D
Acq: 16 Jul 2018 20:32

Tgt Ion:129 Resp: 8801
Ion Ratio Lower Upper
129 100
127 0.0 54.4 101.0#





#59

1,2,3-Trichloropropane

Concen: 4.164 ug/L

RT: 11.49 min Scan# 3389

Delta R.T. 0.99 min

Lab File: VU025437.D

Acq: 16 Jul 2018 20:32

Instrument :

MSVOA_U

ClientSampleId :

DB173DL

Tgt Ion: 75 Resp: 14286

Ion Ratio Lower Upper

75 100

77 43.6 25.7 38.5#

