

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU071918\
 Data File : VU025516.D
 Acq On : 19 Jul 2018 12:33
 Operator : MD/SY
 Sample : J3984-16DL 5X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DB1A5DLRE

Quant Time: Jul 20 02:45:11 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM071718WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jul 20 02:44:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	304619	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	273852	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	126889	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	92229	64.20	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	128.40%
7) Chloroethane-d5	1.69	69	86767	70.90	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	141.80%#
11) 1,1-Dichloroethene-d2	2.28	63	159813	50.66	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	101.32%
21) 2-Butanone-d5	4.18	46	203895	133.39	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	133.39%#
24) Chloroform-d	4.65	84	264068	70.86	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	141.72%#
26) 1,2-Dichloroethane-d4	5.31	65	182801	72.08	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	144.16%#
32) Benzene-d6	5.35	84	492362	74.40	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	148.80%#
36) 1,2-Dichloropropane-d6	6.34	67	168288	76.79	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	153.58%#
41) Toluene-d8	7.57	98	458060	71.51	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	143.02%#
43) trans-1,3-Dichloropropene-	7.85	79	81039	71.03	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	142.06%#
47) 2-Hexanone-d5	8.31	63	147388	129.72	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	129.72%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	233650	71.81	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	143.62%#
64) 1,2-Dichlorobenzene-d4	11.86	152	192032	75.52	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	151.04%#

Target Compounds

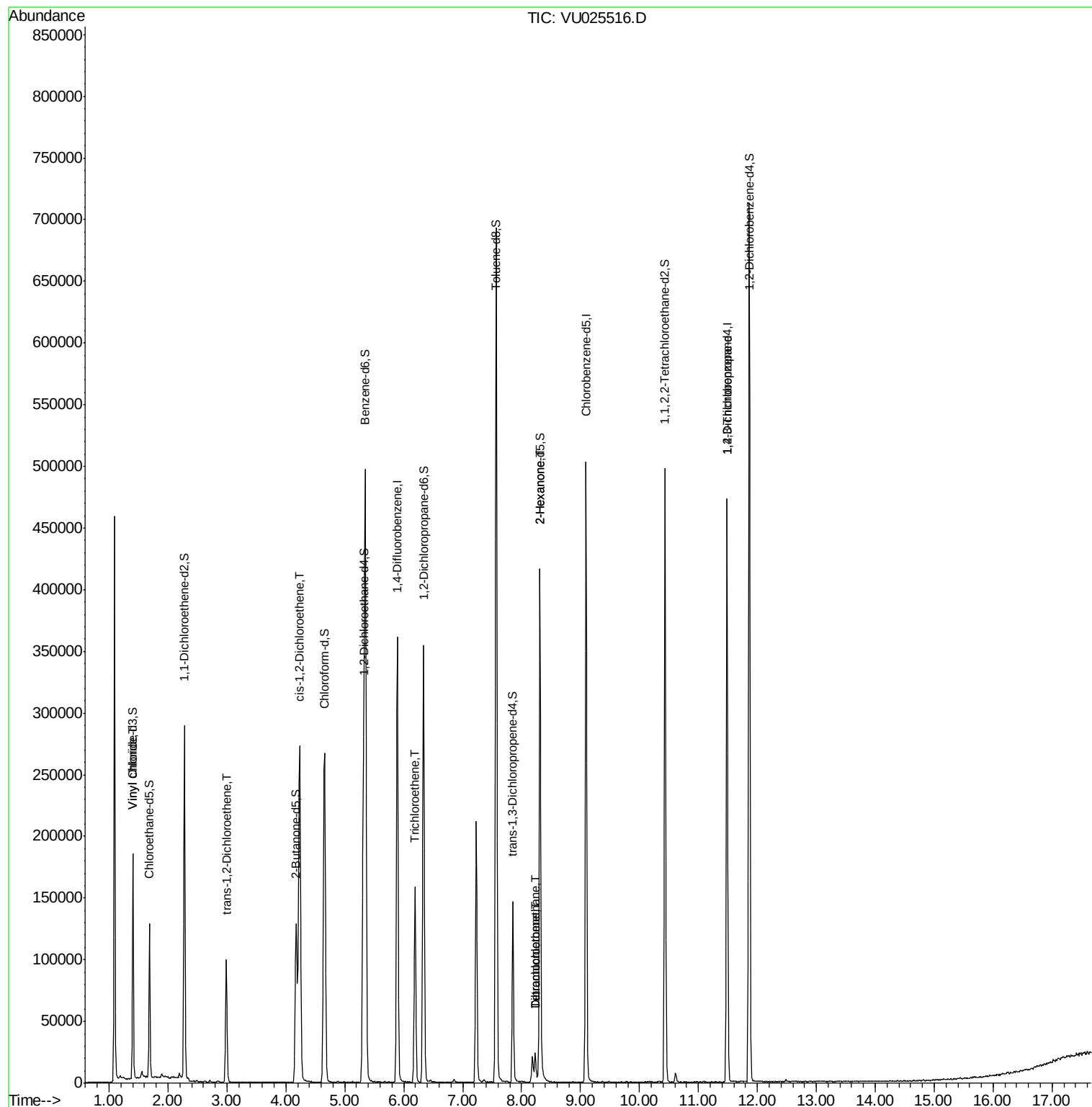
					Qvalue
5) Vinyl chloride	1.41	62	28819	12.924	ug/L 89
17) trans-1,2-Dichloroethene	2.99	96	38375	19.650	ug/L 97
20) cis-1,2-Dichloroethene	4.23	96	153097	64.028	ug/L 97
34) Trichloroethene	6.19	95	53183	24.798	ug/L 97
46) Tetrachloroethene	8.23	164	4317	2.413	ug/L 97
48) 2-Hexanone	8.31	43	17322	6.689	ug/L # 69
49) Dibromochloromethane	8.23	129	4154	1.619	ug/L # 12
59) 1,2,3-Trichloropropane	11.48	75	13951	4.694	ug/L # 83

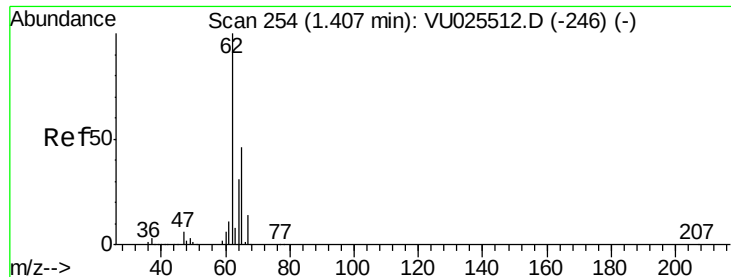
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_U\DATA\VU071918\
Data File : VU025516.D
Acq On : 19 Jul 2018 12:33
Operator : MD/SY
Sample : J3984-16DL 5X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
DB1A5DLRE

Quant Time: Jul 20 02:45:11 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM071718WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Jul 20 02:44:53 2018
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 12.924 ug/L

RT: 1.41 min Scan# 254

Delta R.T. 0.00 min

Lab File: VU025516.D

Acq: 19 Jul 2018 12:33

Instrument :

MSVOA_U

ClientSampleId :

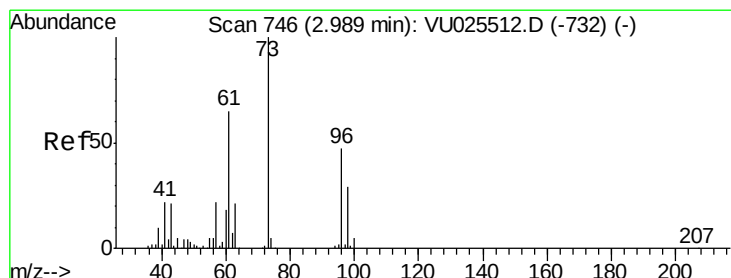
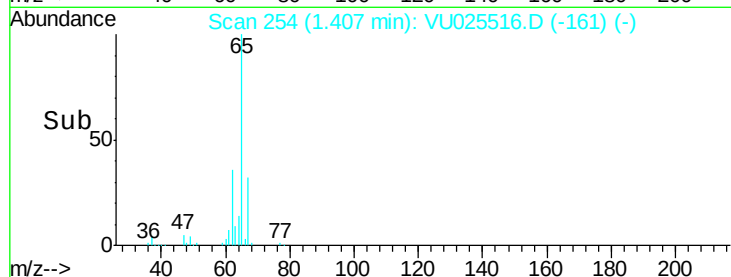
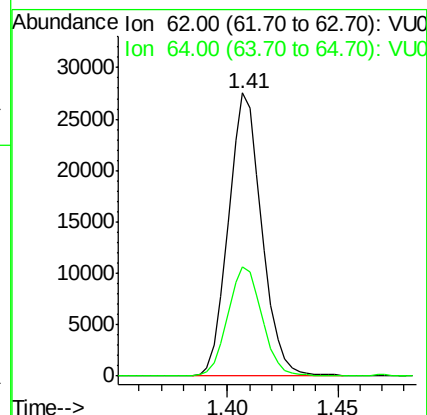
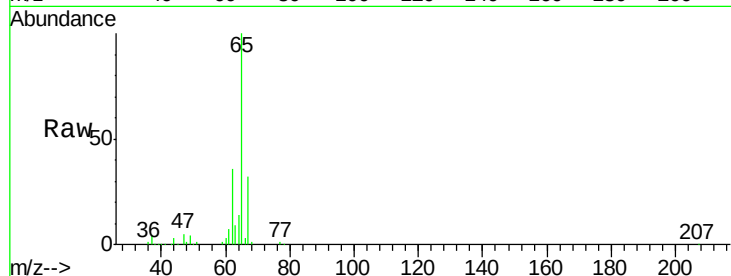
DB1A5DLRE

Tgt Ion: 62 Resp: 28819

Ion Ratio Lower Upper

62 100

64 38.7 22.7 42.1



#17

trans-1,2-Dichloroethene

Concen: 19.650 ug/L

RT: 2.99 min Scan# 746

Delta R.T. 0.00 min

Lab File: VU025516.D

Acq: 19 Jul 2018 12:33

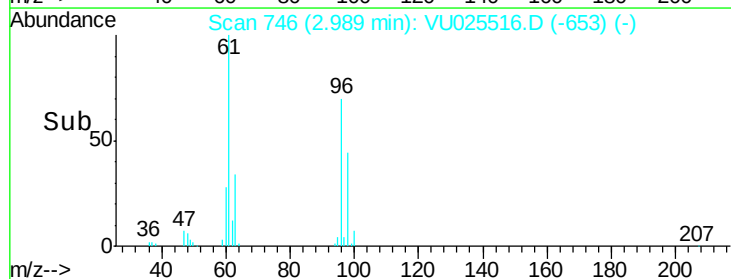
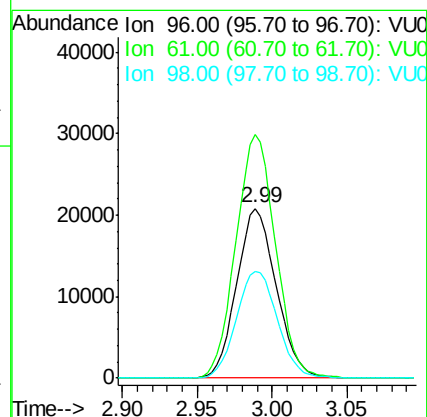
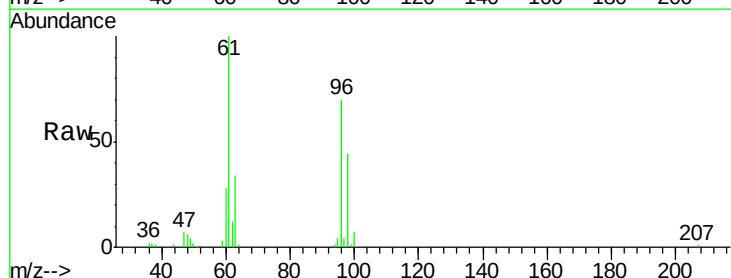
Tgt Ion: 96 Resp: 38375

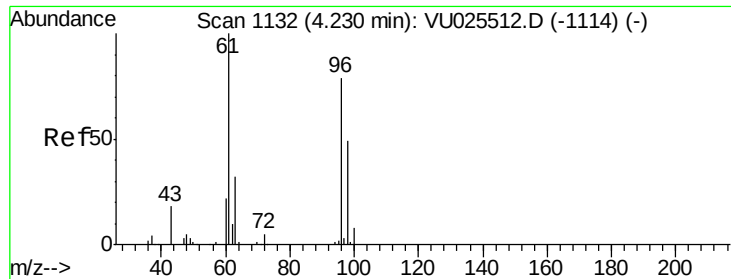
Ion Ratio Lower Upper

96 100

61 143.5 103.6 192.4

98 62.7 44.8 83.2

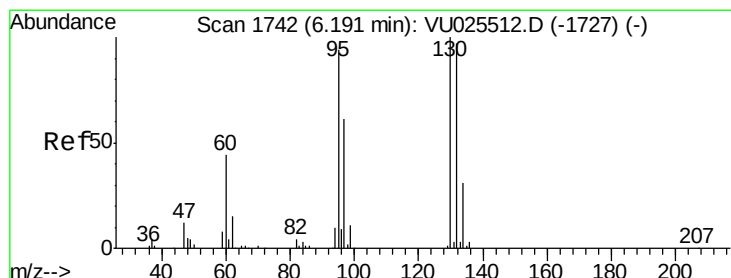
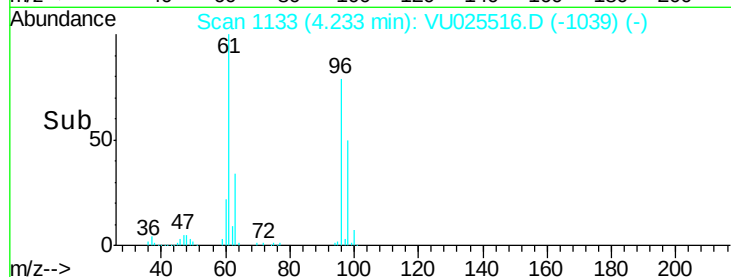
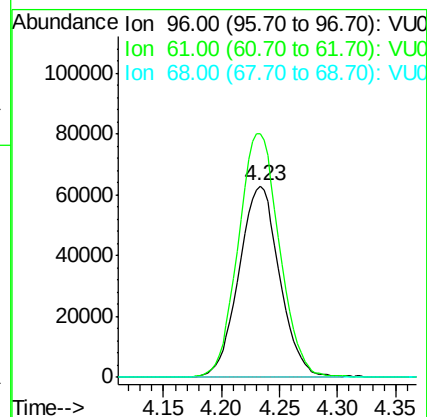
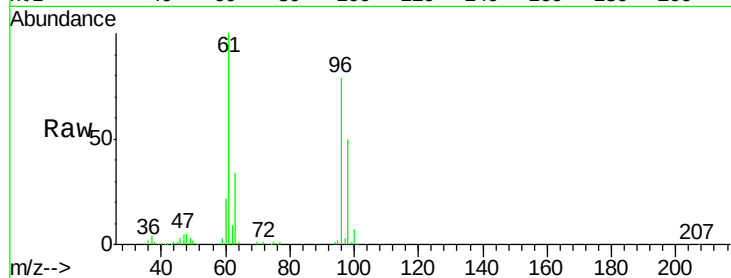




#20
 cis-1,2-Dichloroethene
 Concen: 64.028 ug/L
 RT: 4.23 min Scan# 1133
 Delta R.T. 0.00 min
 Lab File: VU025516.D
 Acq: 19 Jul 2018 12:33

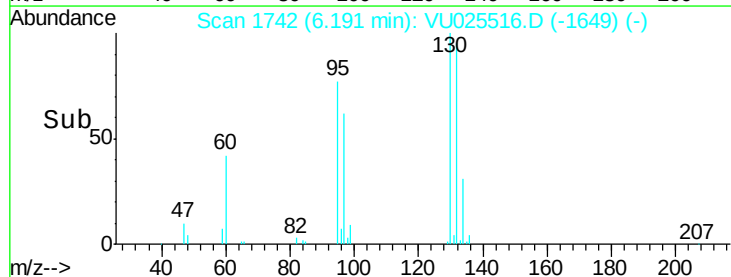
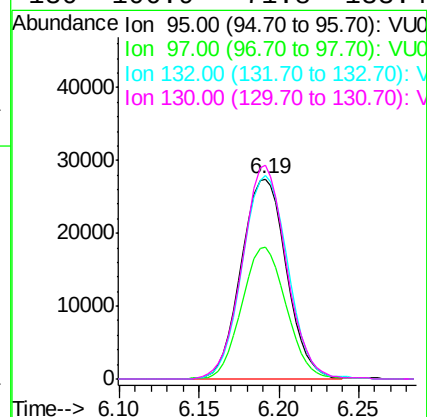
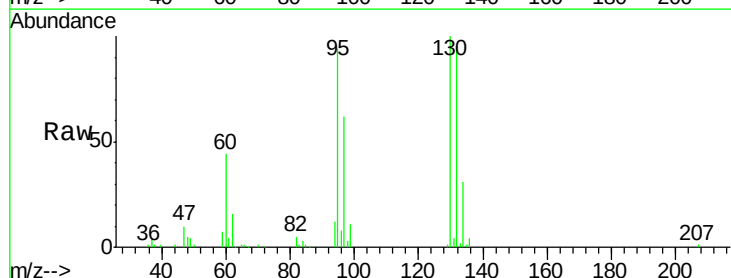
Instrument :
 MSVOA_U
 ClientSampleId :
 DB1A5DLRE

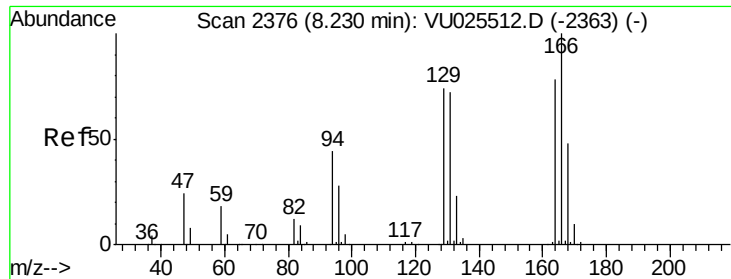
Tgt Ion: 96 Resp: 153097
 Ion Ratio Lower Upper
 96 100
 61 127.3 91.7 170.3
 68 0.0 0.0 0.0



#34
 Trichloroethene
 Concen: 24.798 ug/L
 RT: 6.19 min Scan# 1742
 Delta R.T. 0.00 min
 Lab File: VU025516.D
 Acq: 19 Jul 2018 12:33

Tgt Ion: 95 Resp: 53183
 Ion Ratio Lower Upper
 95 100
 97 65.9 45.9 85.3
 132 101.7 68.2 126.6
 130 106.9 71.8 133.4

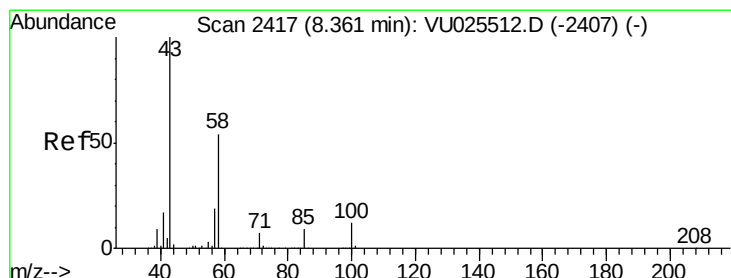
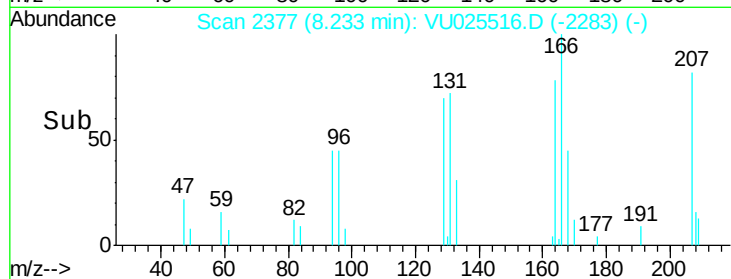
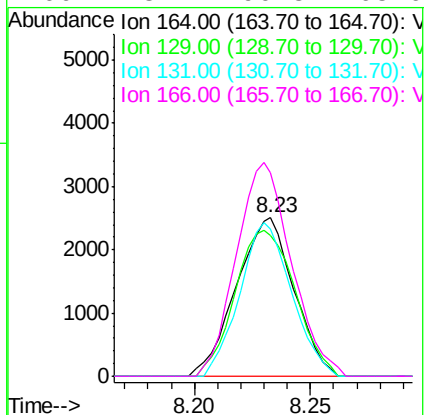
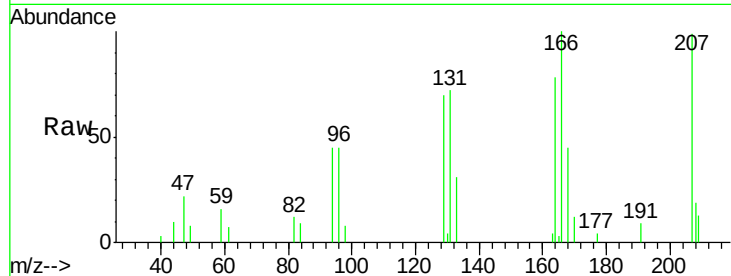




#46
Tetrachloroethene
Concen: 2.413 ug/L
RT: 8.23 min Scan# 2377
Delta R.T. 0.00 min
Lab File: VU025516.D
Acq: 19 Jul 2018 12:33

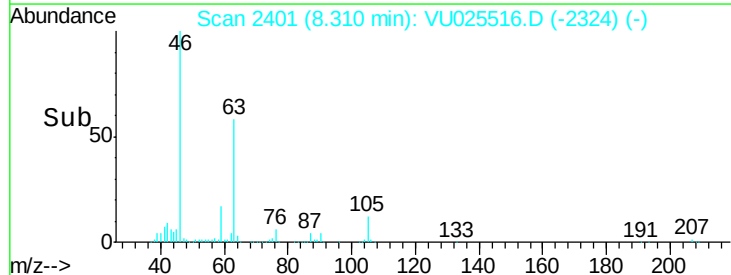
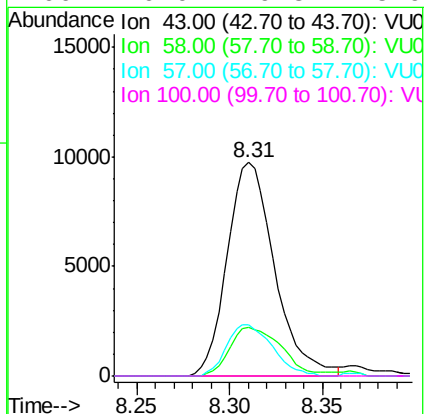
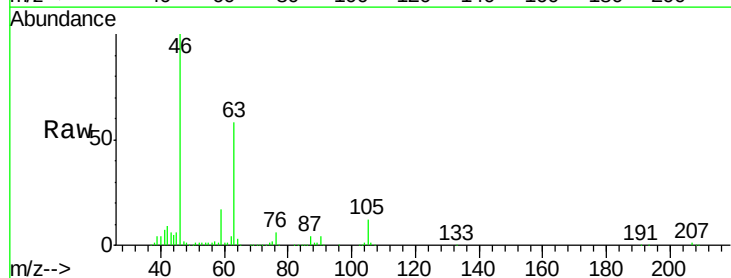
Instrument :
MSVOA_U
ClientSampleId :
DB1A5DLRE

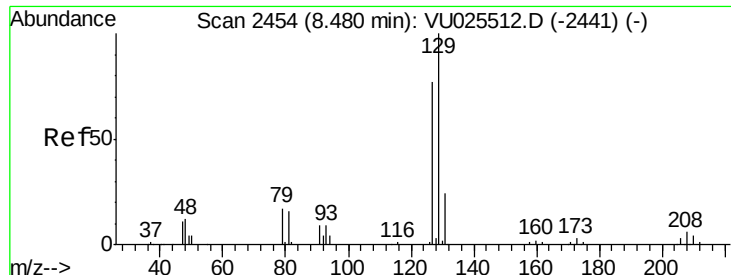
Tgt Ion:164 Resp: 4317
Ion Ratio Lower Upper
164 100
129 89.3 66.5 123.5
131 92.8 63.7 118.3
166 128.4 90.8 168.6



#48
2-Hexanone
Concen: 6.689 ug/L
RT: 8.31 min Scan# 2401
Delta R.T. -0.05 min
Lab File: VU025516.D
Acq: 19 Jul 2018 12:33

Tgt Ion: 43 Resp: 17322
Ion Ratio Lower Upper
43 100
58 24.9 42.3 63.5#
57 23.1 15.6 23.4
100 0.0 9.3 13.9#

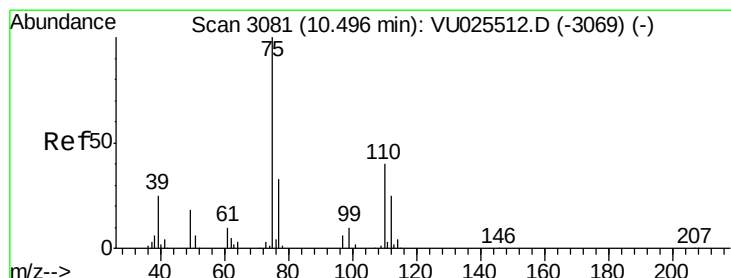
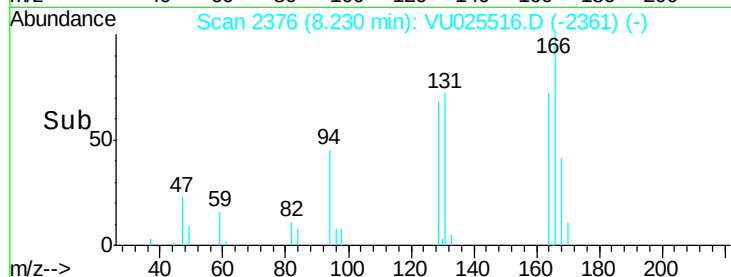
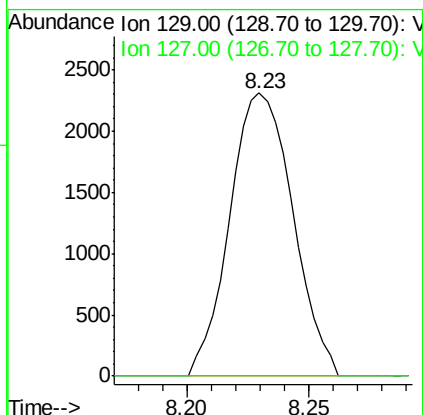
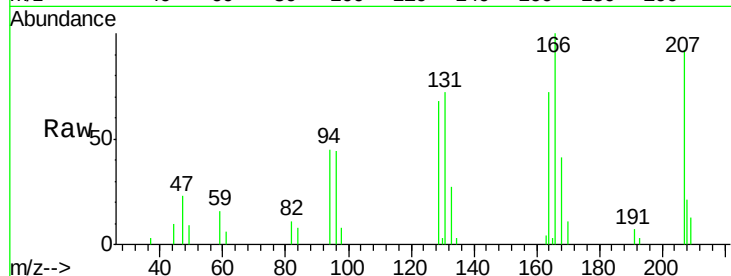




#49
 Dibromochloromethane
 Concen: 1.619 ug/L
 RT: 8.23 min Scan# 2376
 Delta R.T. -0.25 min
 Lab File: VU025516.D
 Acq: 19 Jul 2018 12:33

Instrument :
 MSVOA_U
 ClientSampleId :
 DB1A5DLRE

Tgt Ion: 129 Resp: 4154
 Ion Ratio Lower Upper
 129 100
 127 0.0 52.4 97.2#



#59
 1,2,3-Trichloropropane
 Concen: 4.694 ug/L
 RT: 11.48 min Scan# 3388
 Delta R.T. 0.99 min
 Lab File: VU025516.D
 Acq: 19 Jul 2018 12:33

Tgt Ion: 75 Resp: 13951
 Ion Ratio Lower Upper
 75 100
 77 42.3 26.2 39.2#

