

Data File : VU031742.D
Acq On : 03 May 2019 12:11
Operator : JC/SP
Sample : K2661-16
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0B36

Quant Time: May 04 02:39:27 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis
QLast Update : Sat May 04 02:35:16 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	866565	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	830559	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	329750	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	378048	52.13	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	104.26%
7) Chloroethane-d5	1.68	69	291958	52.09	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	104.18%
11) 1,1-Dichloroethene-d2	2.27	63	533839	36.96	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	73.92%
21) 2-Butanone-d5	4.19	46	703398	107.04	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	107.04%
24) Chloroform-d	4.64	84	592379	44.60	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.20%
26) 1,2-Dichloroethane-d4	5.31	65	403817	46.53	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.06%
32) Benzene-d6	5.34	84	1246999	48.89	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.78%
36) 1,2-Dichloropropane-d6	6.32	67	434302	48.40	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.80%
41) Toluene-d8	7.56	98	1055657	47.52	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.04%
43) trans-1,3-Dichloropropene-	7.85	79	175216	45.49	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.98%
47) 2-Hexanone-d5	8.31	63	434080	111.77	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	111.77%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	551611	45.81	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	91.62%
64) 1,2-Dichlorobenzene-d4	11.86	152	336798	48.57	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.14%

Target Compounds

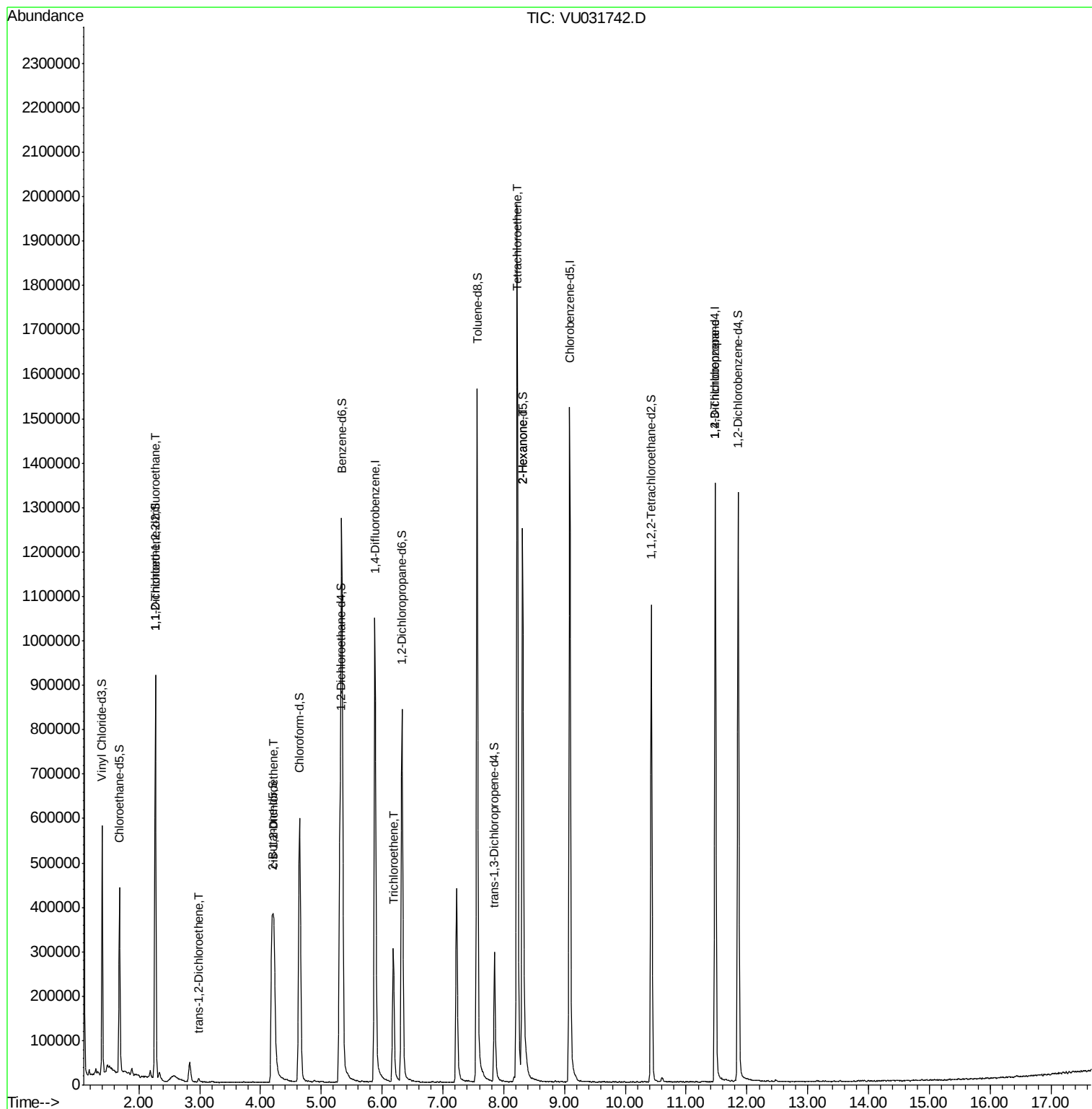
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	4251	0.612 ug/L #	21
17) trans-1,2-Dichloroethene	2.98	96	3374	0.479 ug/L	89
20) cis-1,2-Dichloroethene	4.22	96	106781	14.130 ug/L	98
34) Trichloroethene	6.18	95	111291	15.035 ug/L	97
46) Tetrachloroethene	8.22	164	434580	86.119 ug/L	97
48) 2-Hexanone	8.31	43	55500	5.145 ug/L #	71
59) 1,2,3-Trichloropropane	11.48	75	46816	4.555 ug/L	96

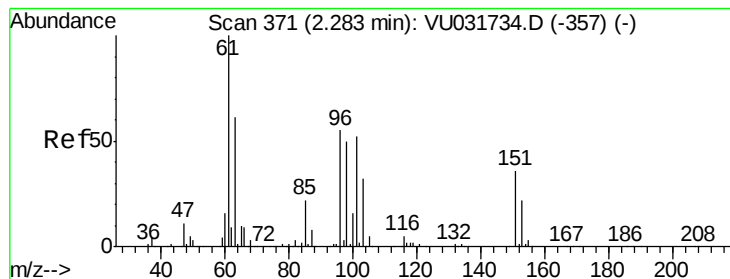
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.612 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.01 min

Lab File: VU031742.D

Acq: 03 May 2019 12:11

Instrument :

MSVOA_U

ClientSampled :

C0B36

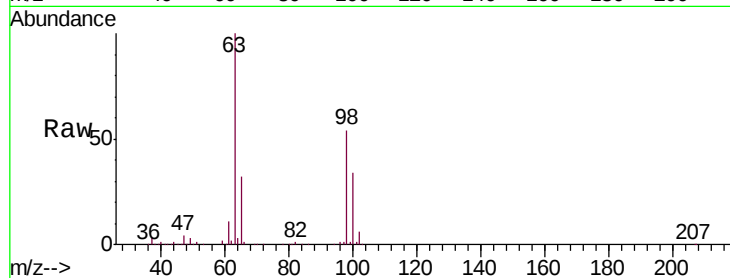
Tgt Ion: 101 Resp: 4251

Ion Ratio Lower Upper

101 100

85 0.0 36.1 54.1#

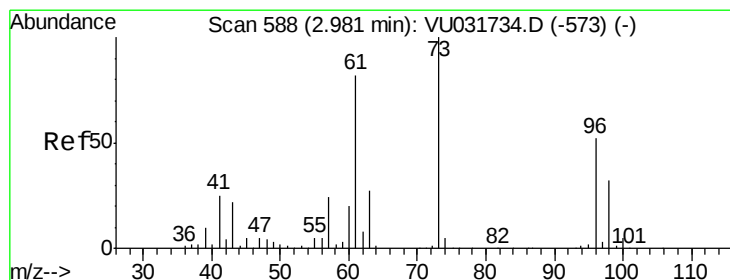
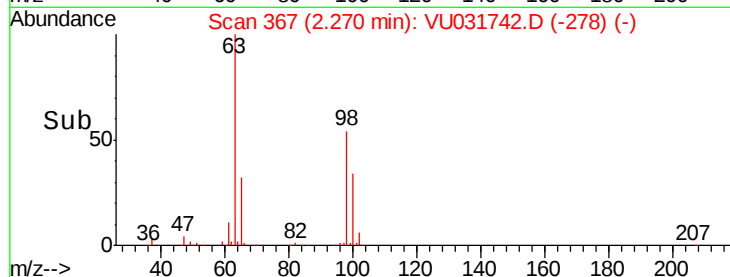
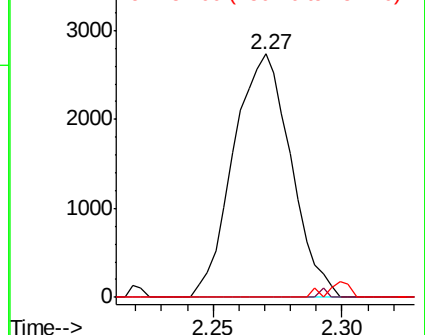
151 0.4 56.1 84.1#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VU0

Ion 151.00 (150.70 to 151.70): V



#17

trans-1,2-Dichloroethene

Concen: 0.479 ug/L

RT: 2.98 min Scan# 589

Delta R.T. 0.00 min

Lab File: VU031742.D

Acq: 03 May 2019 12:11

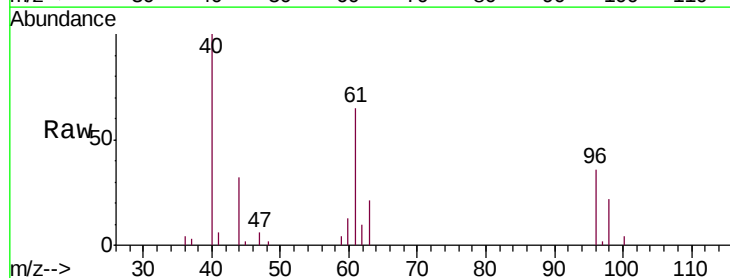
Tgt Ion: 96 Resp: 3374

Ion Ratio Lower Upper

96 100

61 180.2 114.5 212.7

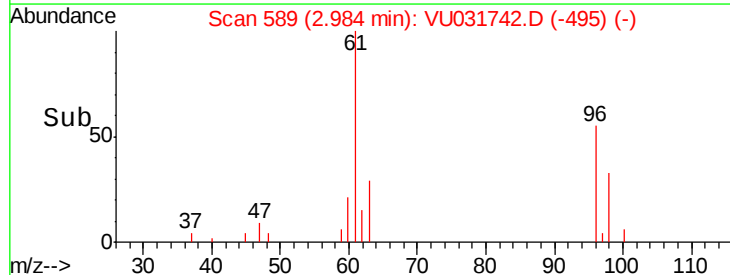
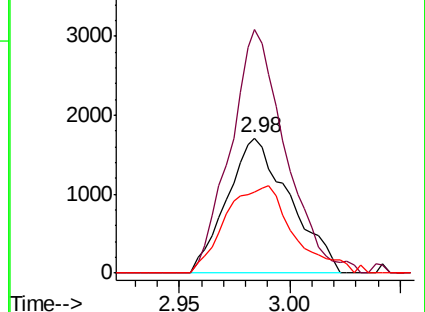
98 59.6 45.4 84.2

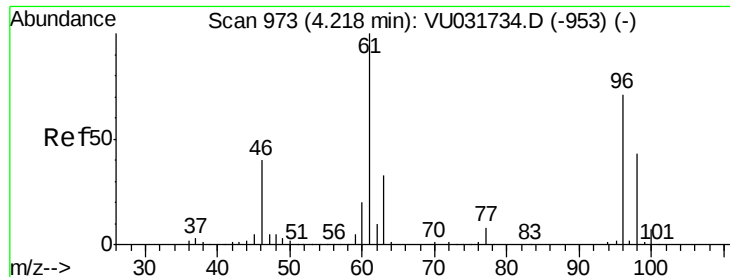


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 98.00 (97.70 to 98.70): VU0

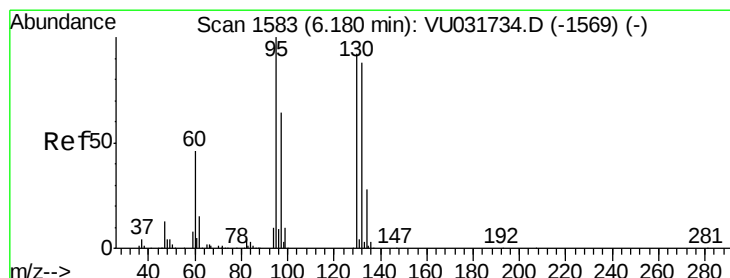
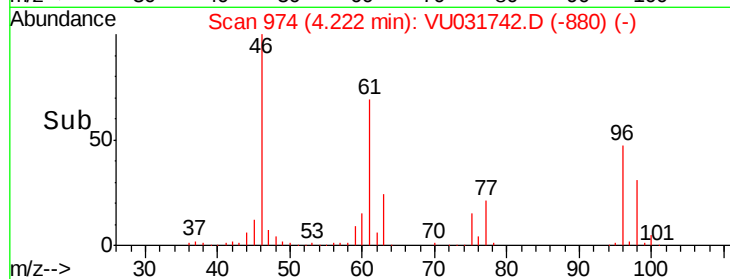
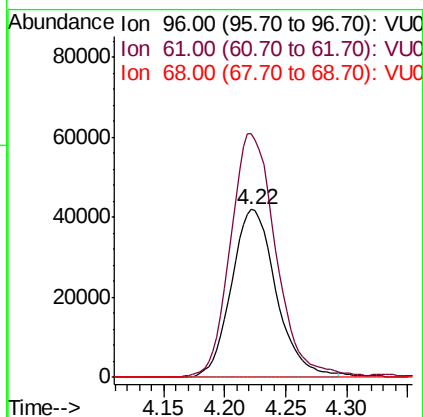
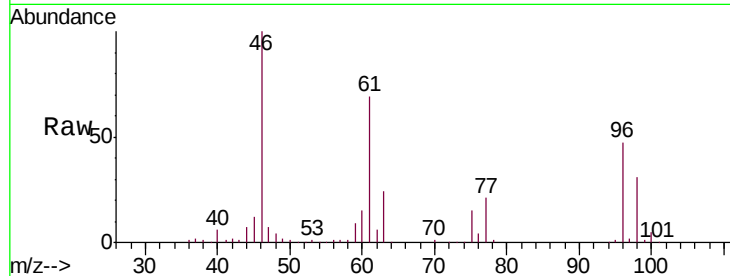




#20
 cis-1,2-Dichloroethene
 Concen: 14.130 ug/L
 RT: 4.22 min Scan# 974
 Delta R.T. 0.00 min
 Lab File: VU031742.D
 Acq: 03 May 2019 12:11

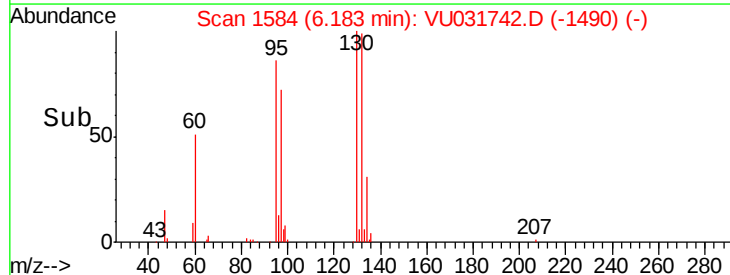
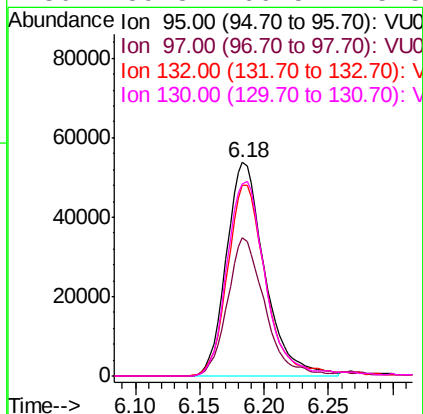
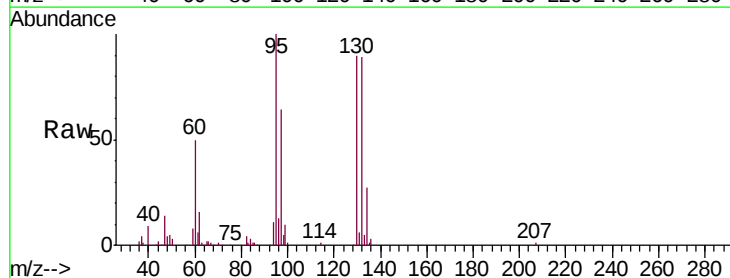
Instrument :
 MSVOA_U
 ClientSampled :
 C0B36

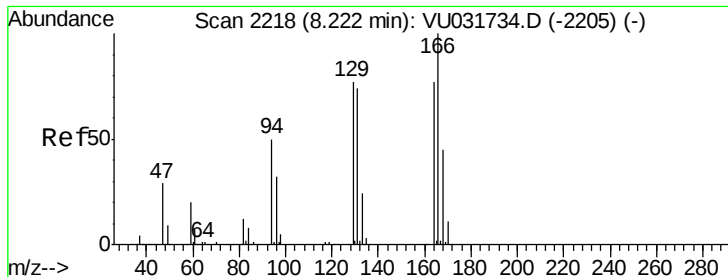
Tgt Ion: 96 Resp: 106781
 Ion Ratio Lower Upper
 96 100
 61 145.1 99.5 184.7
 68 0.0 0.0 0.0



#34
 Trichloroethene
 Concen: 15.035 ug/L
 RT: 6.18 min Scan# 1584
 Delta R.T. 0.00 min
 Lab File: VU031742.D
 Acq: 03 May 2019 12:11

Tgt Ion: 95 Resp: 111291
 Ion Ratio Lower Upper
 95 100
 97 64.5 44.8 83.2
 132 89.1 63.1 117.1
 130 89.8 66.5 123.5

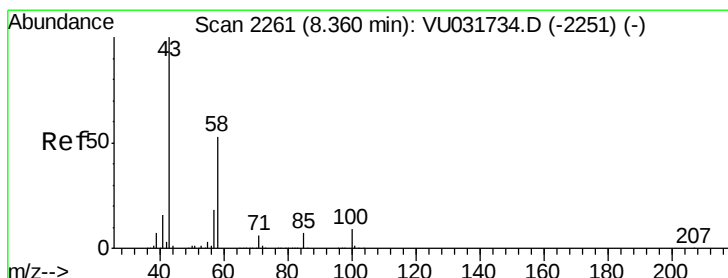
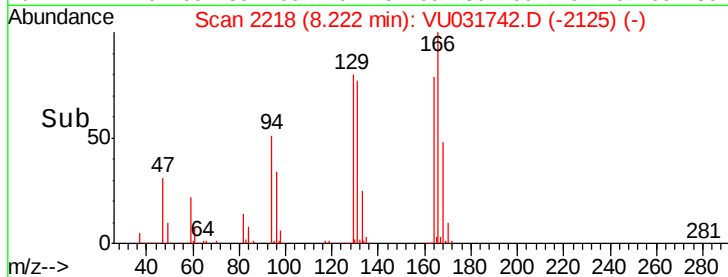
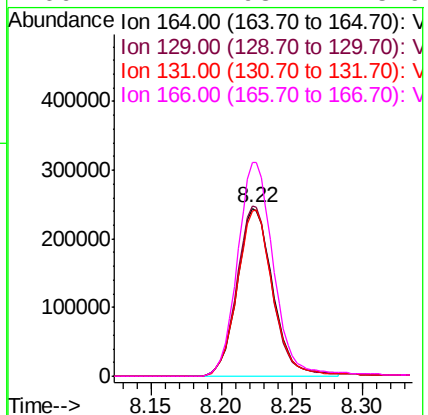
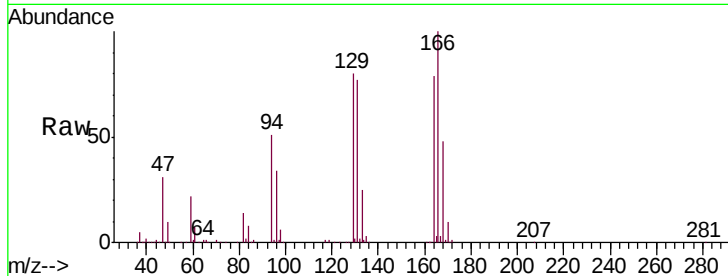




#46
Tetrachloroethene
Concen: 86.119 ug/L
RT: 8.22 min Scan# 2218
Delta R.T. 0.00 min
Lab File: VU031742.D
Acq: 03 May 2019 12:11

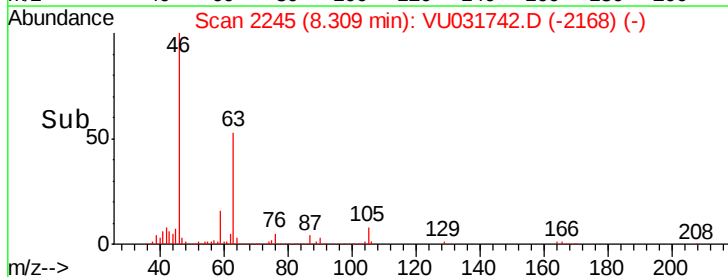
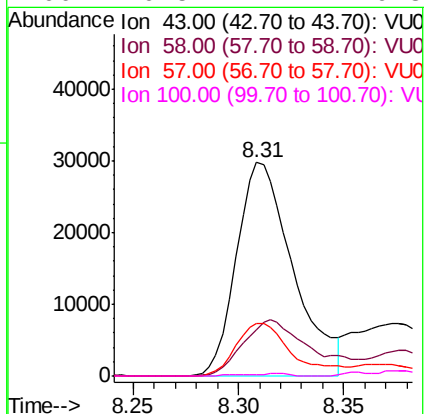
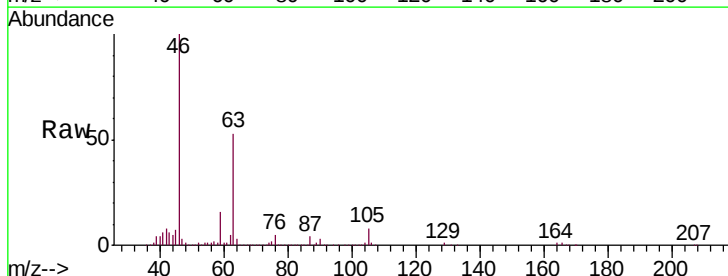
Instrument :
MSVOA_U
ClientSampleId :
C0B36

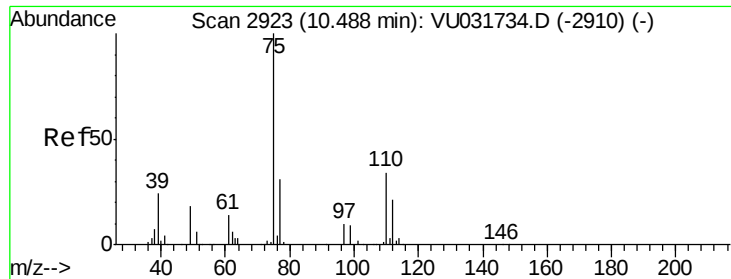
Tgt Ion:164 Resp: 434580
Ion Ratio Lower Upper
164 100
129 101.3 71.5 132.9
131 98.5 69.0 128.2
166 127.1 93.7 173.9



#48
2-Hexanone
Concen: 5.145 ug/L
RT: 8.31 min Scan# 2245
Delta R.T. -0.05 min
Lab File: VU031742.D
Acq: 03 May 2019 12:11

Tgt Ion: 43 Resp: 55500
Ion Ratio Lower Upper
43 100
58 27.5 42.1 63.1#
57 24.9 14.6 22.0#
100 0.5 7.2 10.8#





#59

1,2,3-Trichloropropane

Concen: 4.555 ug/L

RT: 11.48 min Scan# 3231

Delta R.T. 0.99 min

Lab File: VU031742.D

Acq: 03 May 2019 12:11

Instrument :

MSVOA_U

ClientSampleId :

C0B36

Tgt Ion: 75 Resp: 46816

Ion Ratio Lower Upper

75 100

77 34.5 25.9 38.9

