

Data File : VU031124.D
Acq On : 12 Apr 2019 12:50
Operator : JC/SP
Sample : K2353-09DL 100X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 116 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
ETJ65DL

Quant Time: Apr 12 23:37:57 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Apr 12 23:21:49 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	521812	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	501363	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	211967	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	219692	47.16	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	94.32%
7) Chloroethane-d5	1.68	69	163374	46.21	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	92.42%
11) 1,1-Dichloroethene-d2	2.27	63	280117	33.25	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	66.50%
21) 2-Butanone-d5	4.17	46	302029	81.81	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	81.81%
24) Chloroform-d	4.64	84	315933	44.40	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.80%
26) 1,2-Dichloroethane-d4	5.30	65	219884	45.29	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.58%
32) Benzene-d6	5.33	84	667691	45.62	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.24%
36) 1,2-Dichloropropane-d6	6.32	67	222781	44.42	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	88.84%
41) Toluene-d8	7.56	98	567181	43.72	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.44%
43) trans-1,3-Dichloropropene-	7.85	79	93746	40.99	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	81.98%
47) 2-Hexanone-d5	8.31	63	176714	77.08	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	77.08%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	294060	43.46	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	86.92%
64) 1,2-Dichlorobenzene-d4	11.86	152	205014	49.18	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.36%

Target Compounds

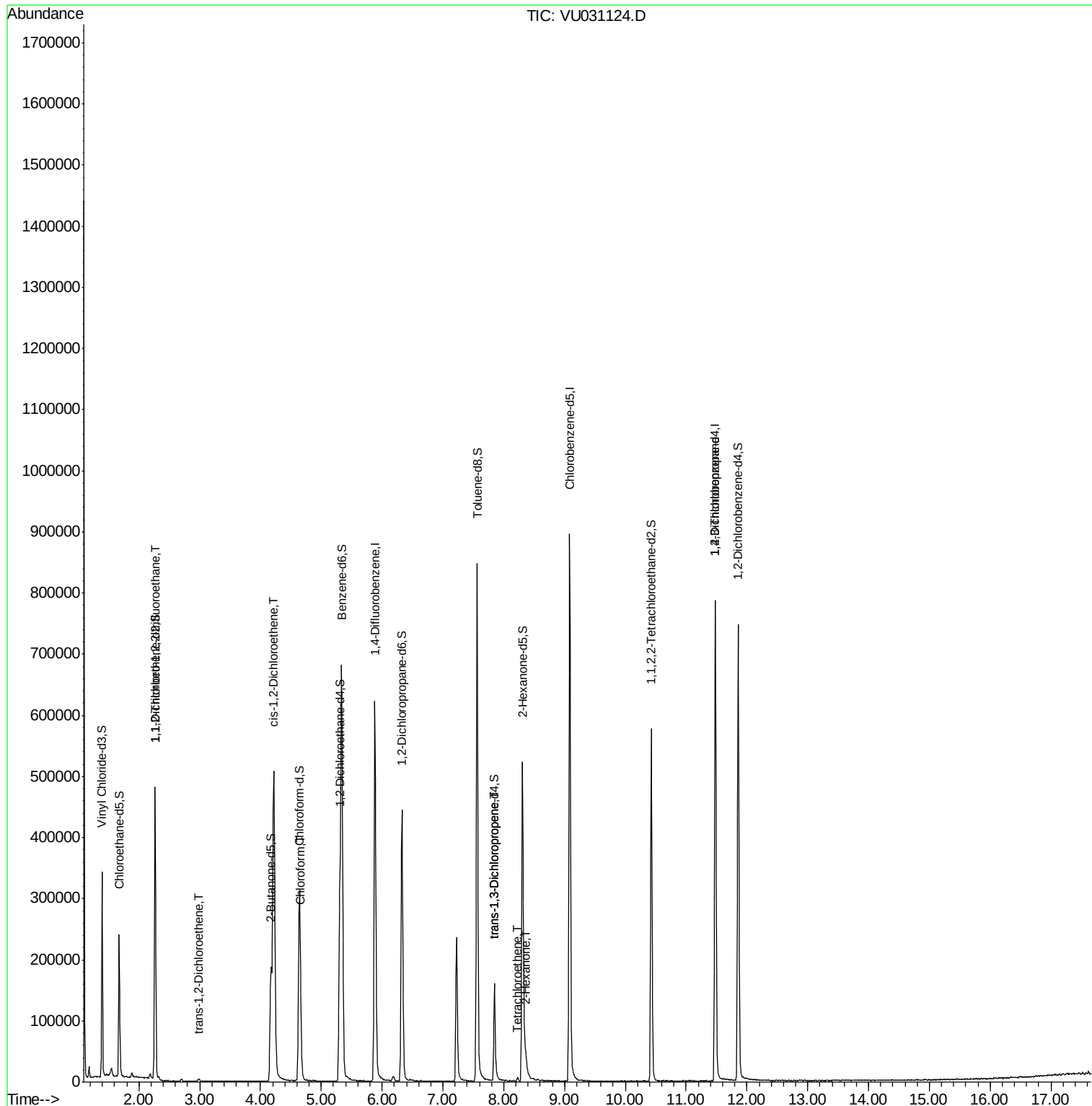
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	2403	0.643	ug/L #	20
17) trans-1,2-Dichloroethene	2.98	96	1560	0.407	ug/L	84
20) cis-1,2-Dichloroethene	4.22	96	276994	65.501	ug/L	90
25) Chloroform	4.67	83	19883	2.503	ug/L	94
44) trans-1,3-Dichloropropene	7.85	75	3716	0.638	ug/L	91
46) Tetrachloroethene	8.22	164	1356	0.463	ug/L	93
48) 2-Hexanone	8.37	43	17839	3.061	ug/L #	93
59) 1,2,3-Trichloropropane	11.48	75	25118	4.514	ug/L	89

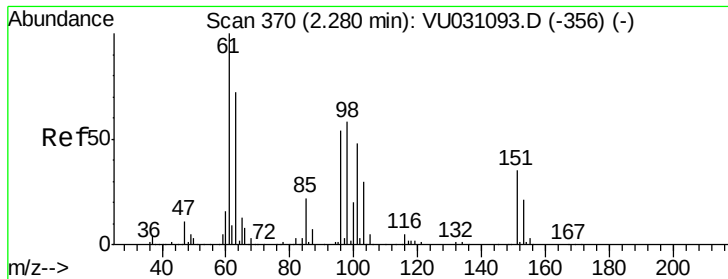
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.643 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.01 min

Lab File: VU031124.D

Acq: 12 Apr 2019 12:50

Instrument :

MSVOA_U

ClientSampleId :

ETJ65DL

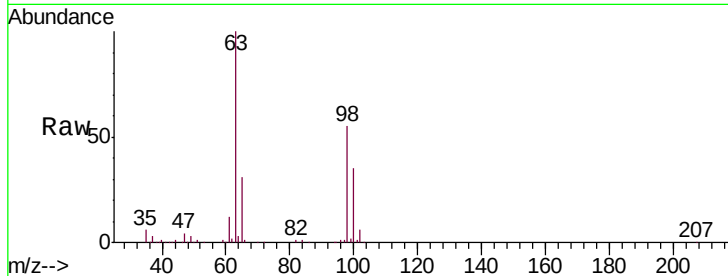
Tgt Ion: 101 Resp: 2403

Ion Ratio Lower Upper

101 100

85 0.0 36.8 55.2#

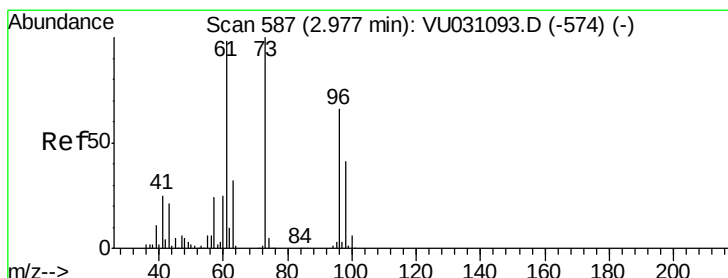
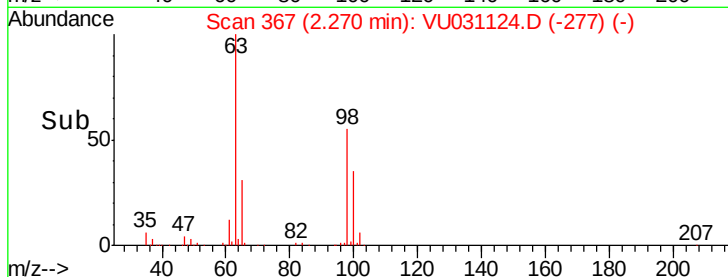
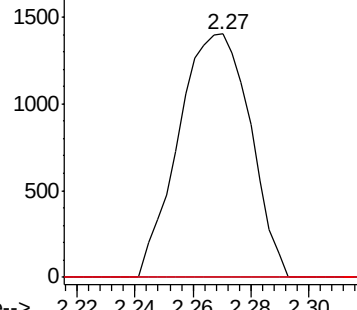
151 0.0 57.4 86.0#



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: 0.407 ug/L

RT: 2.98 min Scan# 589

Delta R.T. 0.01 min

Lab File: VU031124.D

Acq: 12 Apr 2019 12:50

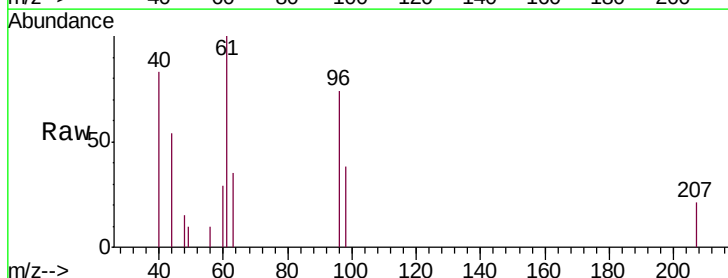
Tgt Ion: 96 Resp: 1560

Ion Ratio Lower Upper

96 100

61 134.7 109.5 203.3

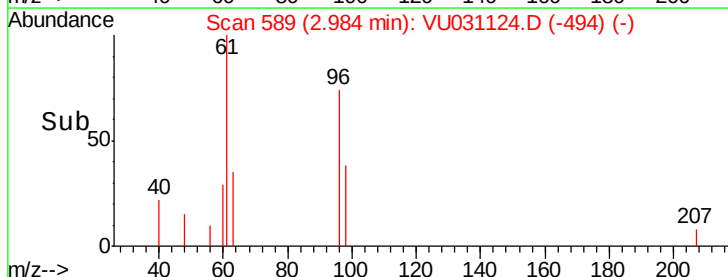
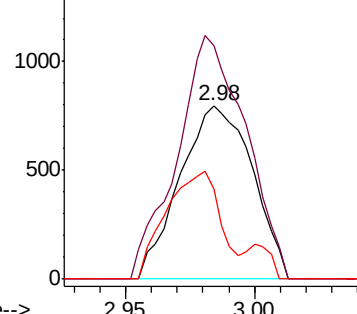
98 51.6 44.0 81.6

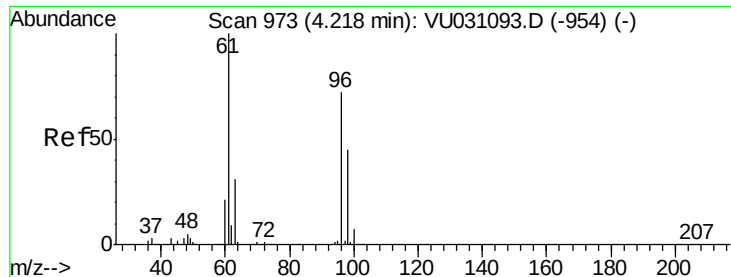


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 98.00 (97.70 to 98.70): VU0

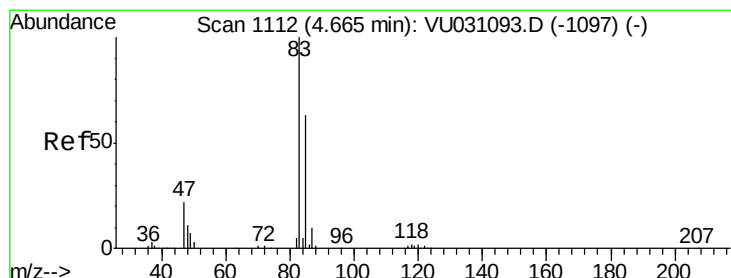
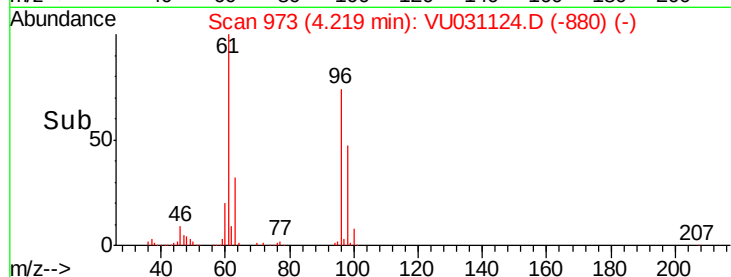
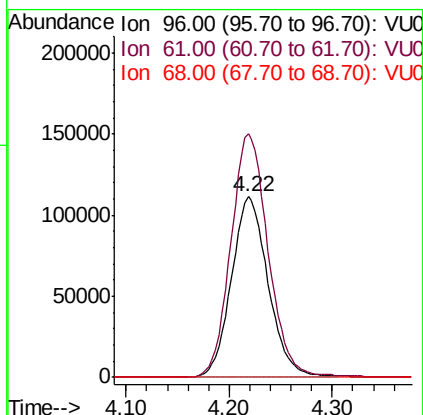
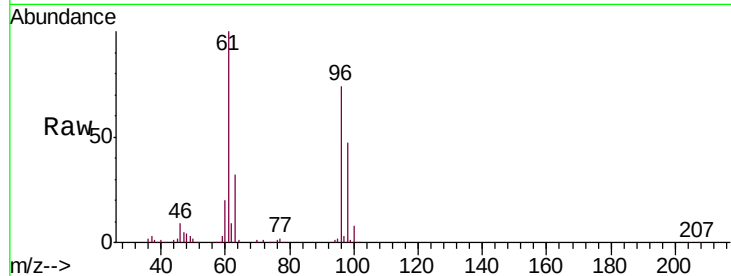




#20
 cis-1,2-Dichloroethene
 Concen: 65.501 ug/L
 RT: 4.22 min Scan# 973
 Delta R.T. 0.00 min
 Lab File: VU031124.D
 Acq: 12 Apr 2019 12:50

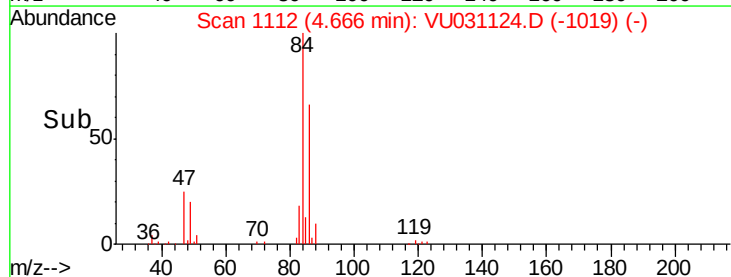
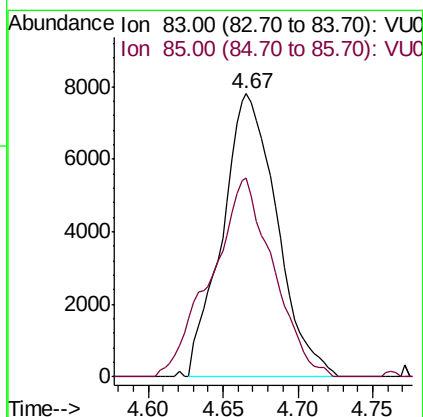
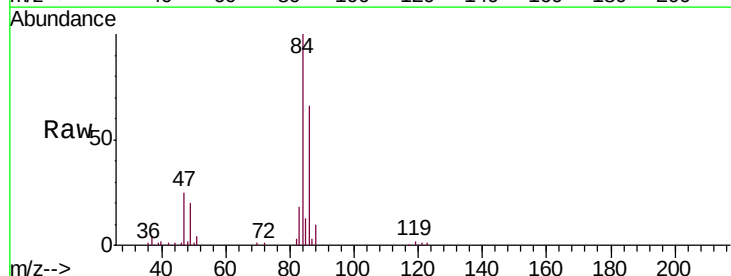
Instrument :
 MSVOA_U
 ClientSampleId :
 ETJ65DL

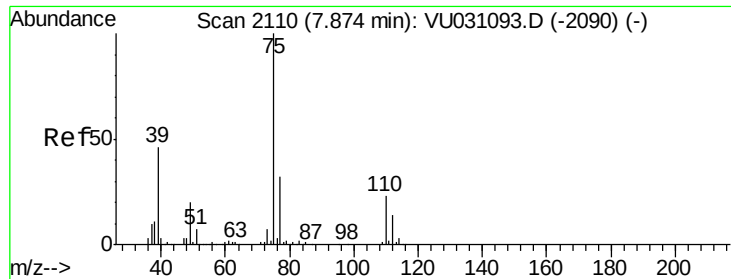
Tgt Ion: 96 Resp: 276994
 Ion Ratio Lower Upper
 96 100
 61 134.9 102.9 191.1
 68 0.0 0.0 0.0



#25
 Chloroform
 Concen: 2.503 ug/L
 RT: 4.67 min Scan# 1112
 Delta R.T. 0.00 min
 Lab File: VU031124.D
 Acq: 12 Apr 2019 12:50

Tgt Ion: 83 Resp: 19883
 Ion Ratio Lower Upper
 83 100
 85 70.1 45.8 85.0





#44

trans-1,3-Dichloropropene

Concen: 0.638 ug/L

RT: 7.85 min Scan# 2101

Delta R.T. -0.03 min

Lab File: VU031124.D

Acq: 12 Apr 2019 12:50

Instrument :

MSVOA_U

ClientSampleId :

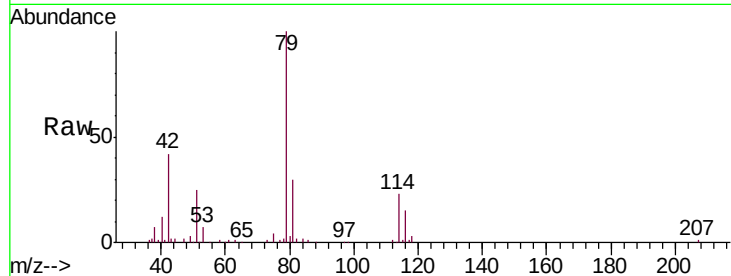
ETJ65DL

Tgt Ion: 75 Resp: 3716

Ion Ratio Lower Upper

75 100

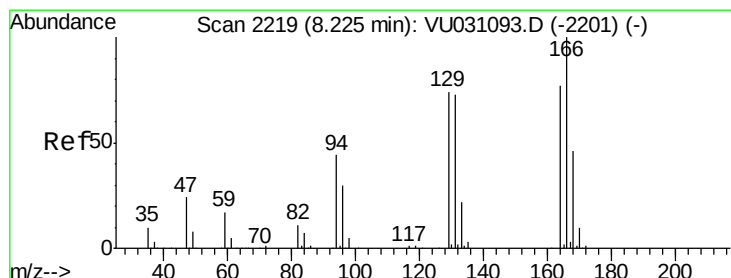
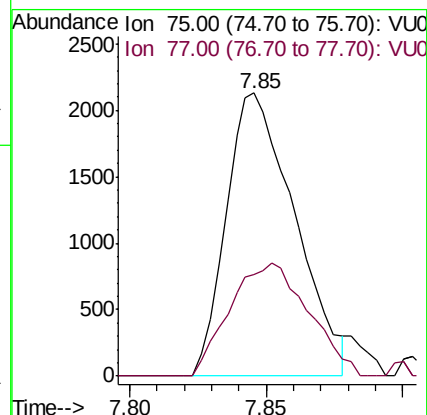
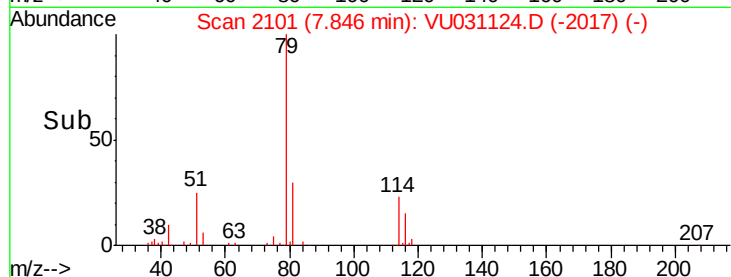
77 36.0 21.6 40.0



Abundance Ion 75.00 (74.70 to 75.70): VU031124.D (-2101) (-)

Ion 77.00 (76.70 to 77.70): VU031124.D (-2101) (-)

Time-->



#46

Tetrachloroethene

Concen: 0.463 ug/L

RT: 8.22 min Scan# 2219

Delta R.T. 0.00 min

Lab File: VU031124.D

Acq: 12 Apr 2019 12:50

Tgt Ion: 164 Resp: 1356

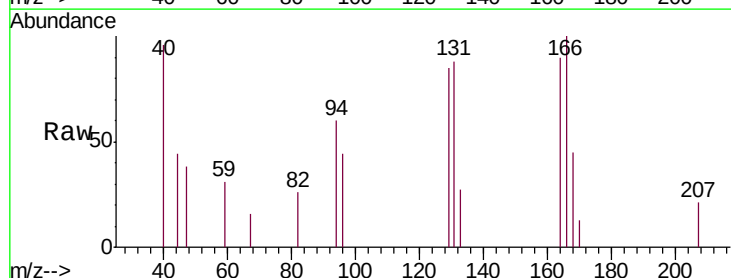
Ion Ratio Lower Upper

164 100

129 94.5 67.4 125.2

131 97.9 65.9 122.5

166 111.7 88.6 164.6



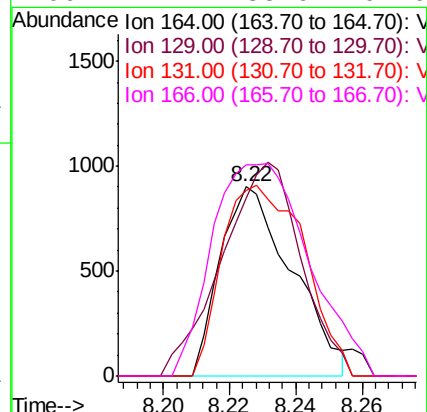
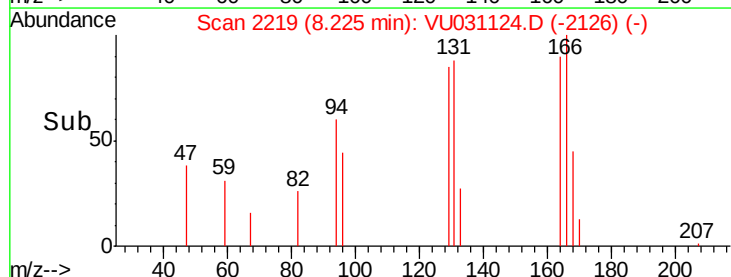
Abundance Ion 164.00 (163.70 to 164.70): VU031124.D (-2219) (-)

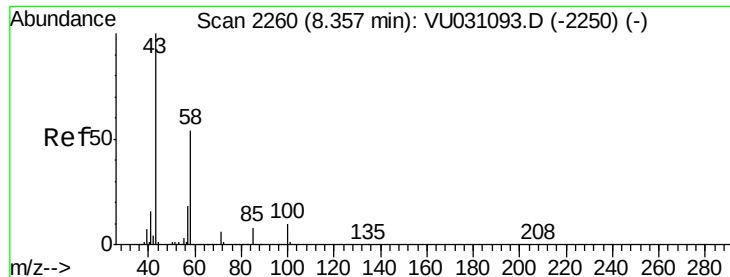
Ion 129.00 (128.70 to 129.70): VU031124.D (-2219) (-)

Ion 131.00 (130.70 to 131.70): VU031124.D (-2219) (-)

Ion 166.00 (165.70 to 166.70): VU031124.D (-2219) (-)

Time-->

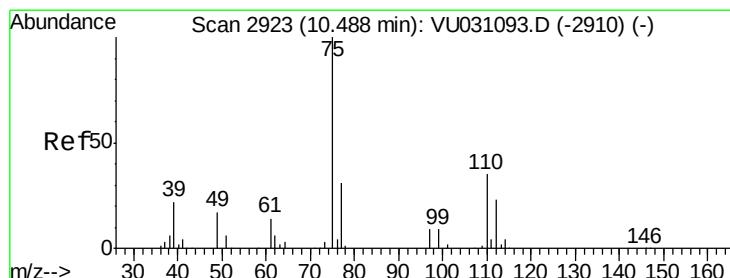
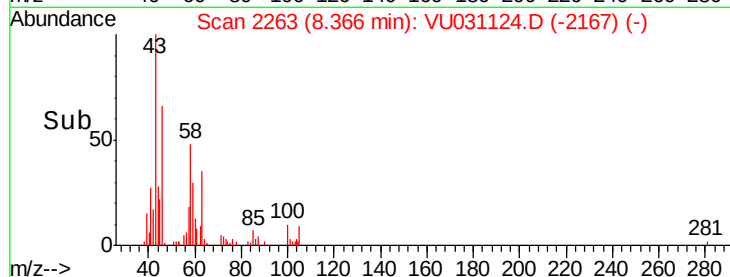
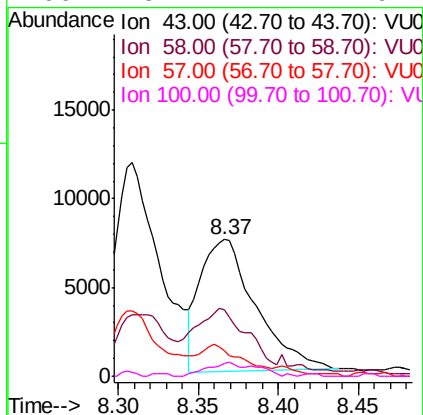
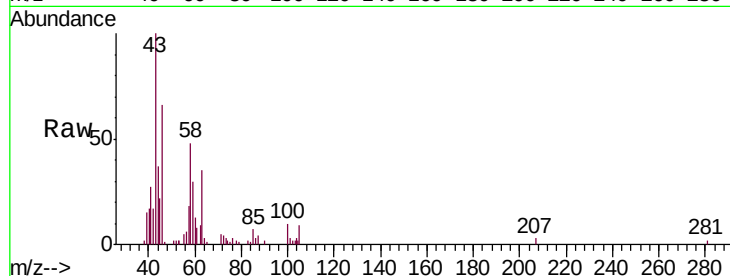




#48
 2-Hexanone
 Concen: 3.061 ug/L
 RT: 8.37 min Scan# 2263
 Delta R.T. 0.01 min
 Lab File: VU031124.D
 Acq: 12 Apr 2019 12:50

Instrument :
 MSVOA_U
 ClientSampleID :
 ETJ65DL

Tgt Ion: 43 Resp: 17839
 Ion Ratio Lower Upper
 43 100
 58 47.0 41.9 62.9
 57 16.2 14.3 21.5
 100 5.7 7.1 10.7#



#59
 1,2,3-Trichloropropane
 Concen: 4.514 ug/L
 RT: 11.48 min Scan# 3231
 Delta R.T. 0.99 min
 Lab File: VU031124.D
 Acq: 12 Apr 2019 12:50

Tgt Ion: 75 Resp: 25118
 Ion Ratio Lower Upper
 75 100
 77 38.6 26.1 39.1

