

Data File : VU031641.D
Acq On : 30 Apr 2019 18:02
Operator : JC/SP
Sample : K2593-10DL 5000X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0X74DL

Quant Time: May 01 01:43:52 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis
QLast Update : Wed May 01 01:38:49 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	671635	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	652797	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	219538	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	303611	54.01	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	108.02%
7) Chloroethane-d5	1.68	69	222408	51.20	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	102.40%
11) 1,1-Dichloroethene-d2	2.27	63	445881	39.83	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	79.66%
21) 2-Butanone-d5	4.19	46	497977	97.78	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	97.78%
24) Chloroform-d	4.64	84	501940	48.76	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.52%
26) 1,2-Dichloroethane-d4	5.31	65	350822	52.16	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.32%
32) Benzene-d6	5.33	84	986050	49.19	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.38%
36) 1,2-Dichloropropane-d6	6.32	67	357077	50.63	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	101.26%
41) Toluene-d8	7.56	98	781329	44.75	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.50%
43) trans-1,3-Dichloropropene-	7.85	79	130611	43.14	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.28%
47) 2-Hexanone-d5	8.31	63	264892	86.78	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	86.78%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	428297	45.25	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	90.50%
64) 1,2-Dichlorobenzene-d4	11.86	152	224502	48.63	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.26%

Target Compounds

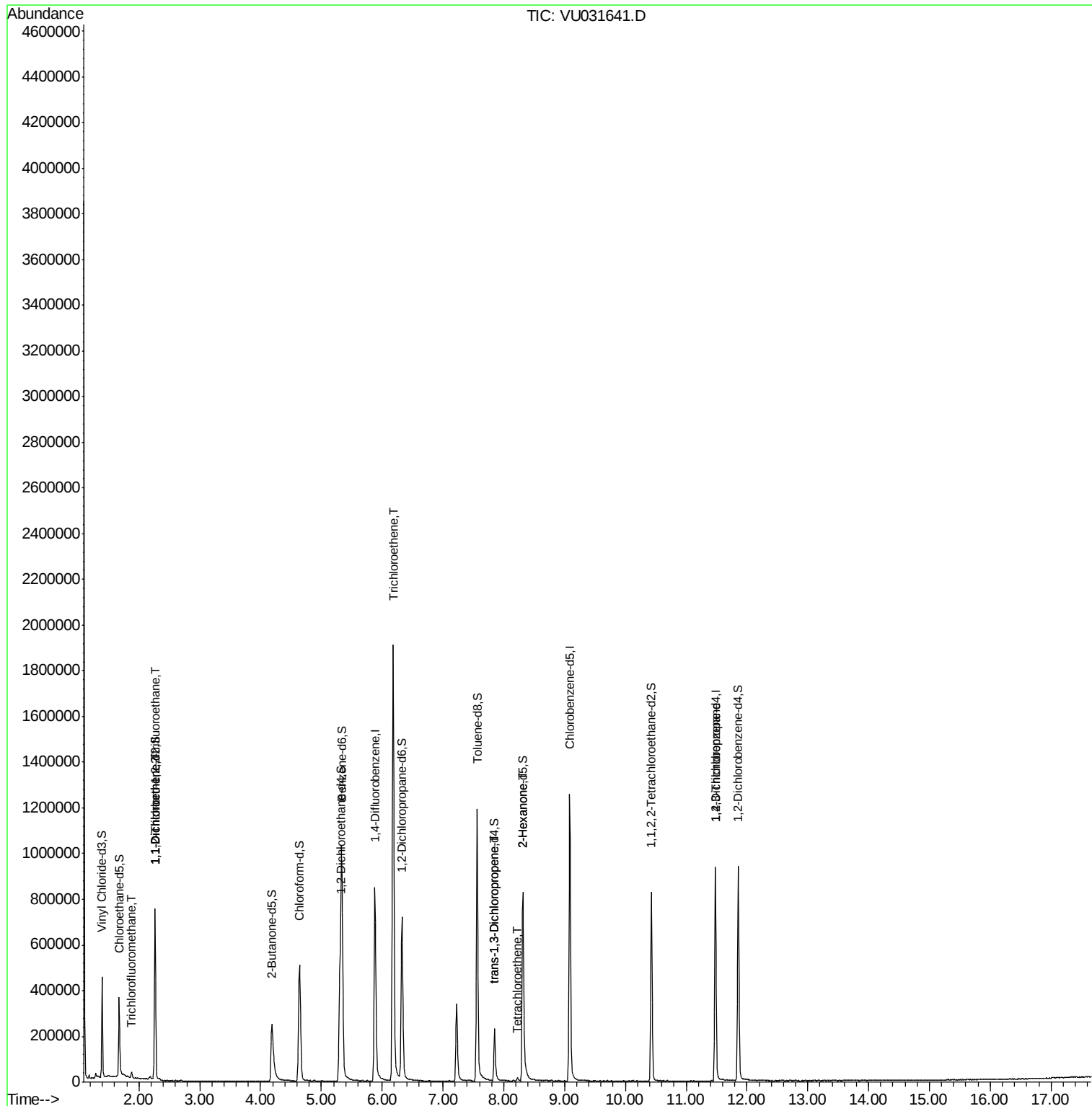
						Qvalue
9) Trichlorofluoromethane	1.88	101	9868	1.036	ug/L	96
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	3175	0.590	ug/L #	24
12) 1,1-Dichloroethene	2.27	96	3055	0.583	ug/L #	1
34) Trichloroethene	6.18	95	700318	120.374	ug/L	94
44) trans-1,3-Dichloropropene	7.85	75	5513	0.675	ug/L	97
46) Tetrachloroethene	8.23	164	2610	0.658	ug/L	96
48) 2-Hexanone	8.31	43	40080	4.727	ug/L #	41
59) 1,2,3-Trichloropropane	11.48	75	32108	3.975	ug/L	90

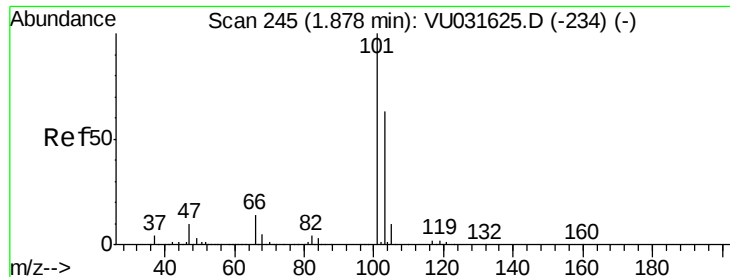
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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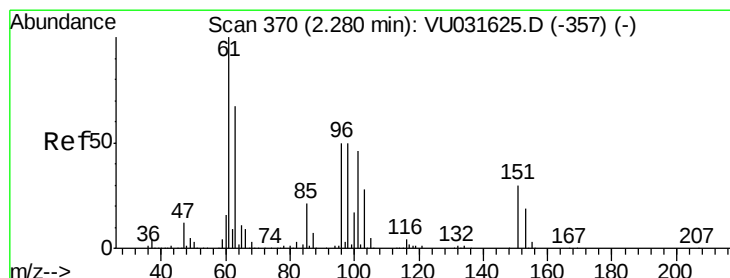
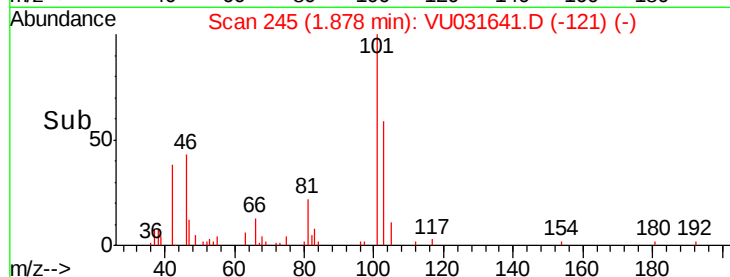
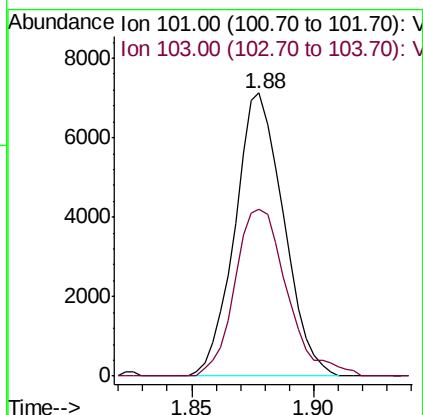
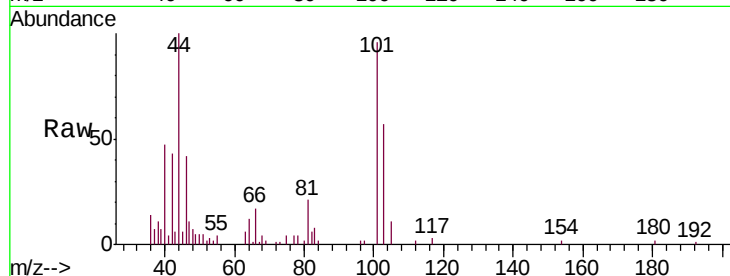


#9

Trichlorofluoromethane
 Concen: 1.036 ug/L
 RT: 1.88 min Scan# 245
 Delta R.T. -0.00 min
 Lab File: VU031641.D
 Acq: 30 Apr 2019 18:02

Instrument :
 MSVOA_U
 ClientSampleId :
 C0X74DL

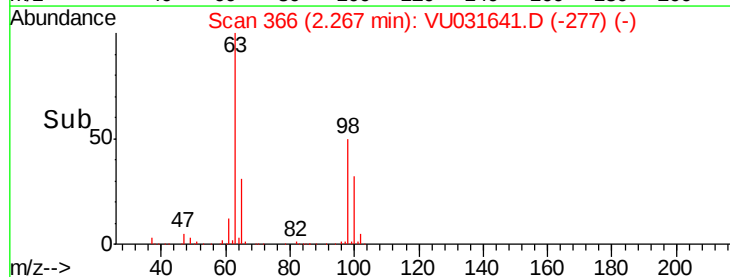
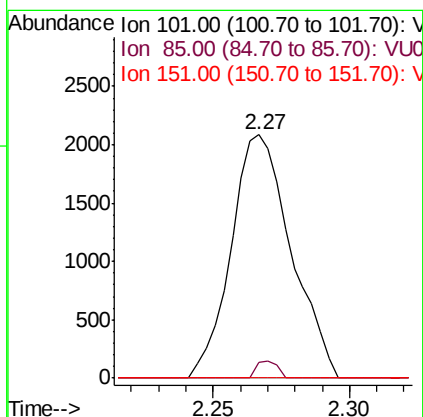
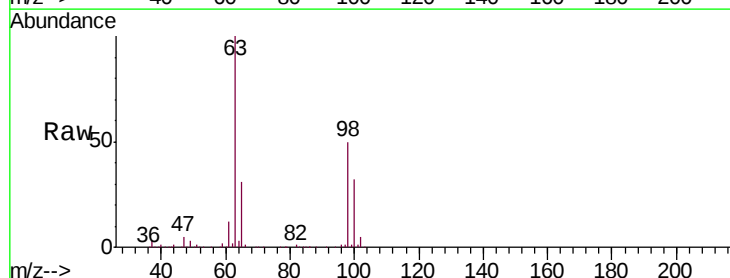
Tgt Ion:101 Resp: 9868
 Ion Ratio Lower Upper
 101 100
 103 60.7 50.8 76.2

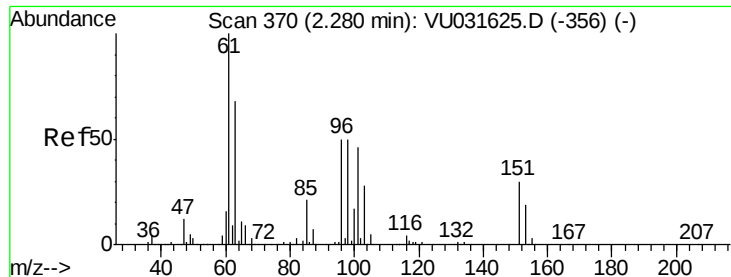


#10

1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.590 ug/L
 RT: 2.27 min Scan# 366
 Delta R.T. -0.01 min
 Lab File: VU031641.D
 Acq: 30 Apr 2019 18:02

Tgt Ion:101 Resp: 3175
 Ion Ratio Lower Upper
 101 100
 85 2.4 36.1 54.1#
 151 1.4 56.1 84.1#

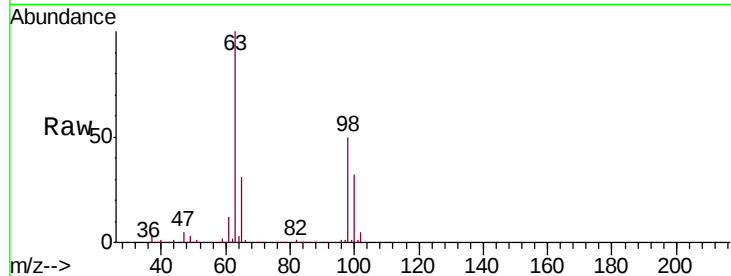




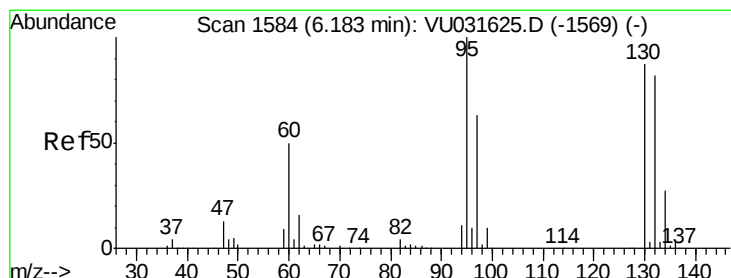
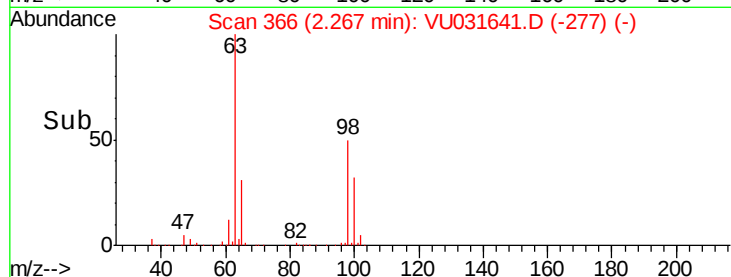
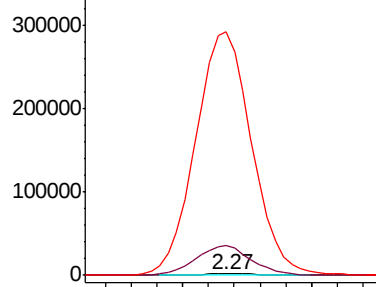
#12
1,1-Dichloroethene
Concen: 0.583 ug/L
RT: 2.27 min Scan# 366
Delta R.T. -0.01 min
Lab File: VU031641.D
Acq: 30 Apr 2019 18:02

Instrument :
MSVOA_U
ClientSampled :
C0X74DL

Tgt Ion: 96 Resp: 3055
Ion Ratio Lower Upper
96 100
61 1890.2 135.0 250.6#
63 15702.5 103.5 192.3#

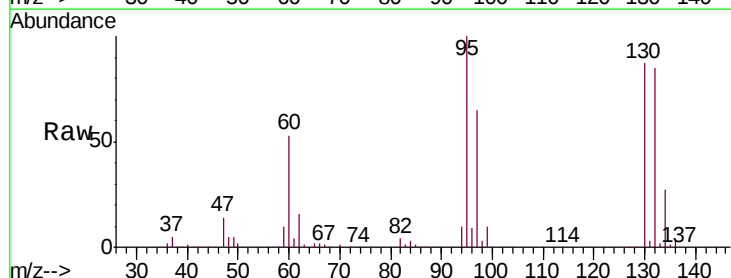


Abundance Ion 96.00 (95.70 to 96.70): VU0
Ion 61.00 (60.70 to 61.70): VU0
Ion 63.00 (62.70 to 63.70): VU0

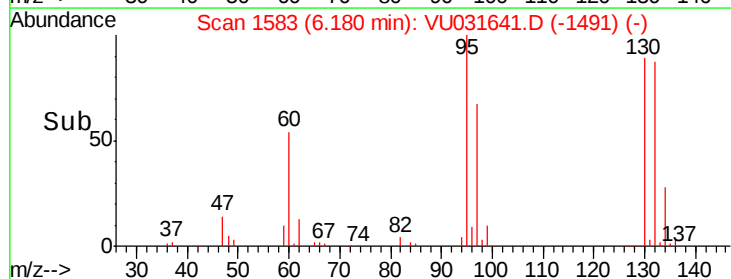
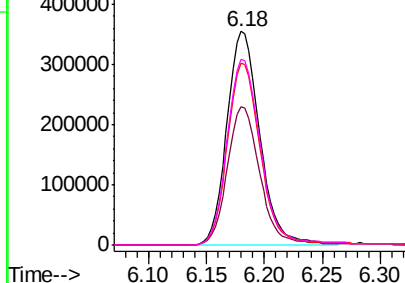


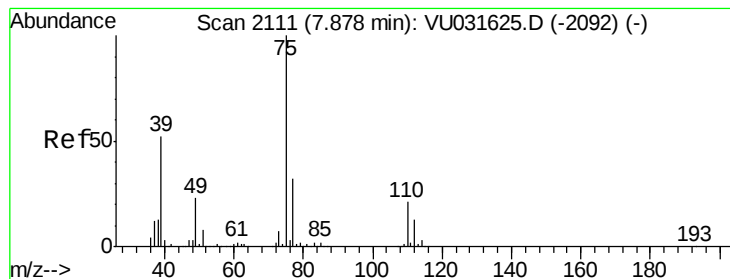
#34
Trichloroethene
Concen: 120.374 ug/L
RT: 6.18 min Scan# 1583
Delta R.T. -0.00 min
Lab File: VU031641.D
Acq: 30 Apr 2019 18:02

Tgt Ion: 95 Resp: 700318
Ion Ratio Lower Upper
95 100
97 64.9 44.8 83.2
132 84.8 63.1 117.1
130 86.8 66.5 123.5



Abundance Ion 95.00 (94.70 to 95.70): VU0
Ion 97.00 (96.70 to 97.70): VU0
Ion 132.00 (131.70 to 132.70): V
Ion 130.00 (129.70 to 130.70): V





#44

trans-1,3-Dichloropropene

Concen: 0.675 ug/L

RT: 7.85 min Scan# 2102

Delta R.T. -0.03 min

Lab File: VU031641.D

Acq: 30 Apr 2019 18:02

Instrument :

MSVOA_U

ClientSampleId :

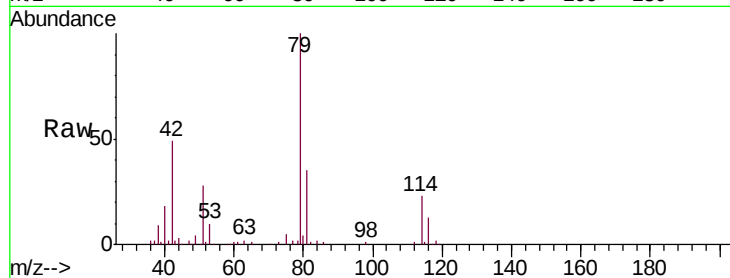
C0X74DL

Tgt Ion: 75 Resp: 5513

Ion Ratio Lower Upper

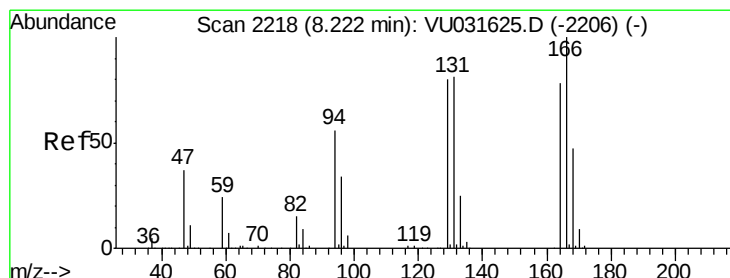
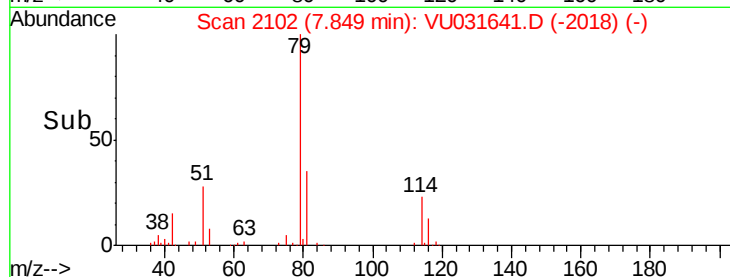
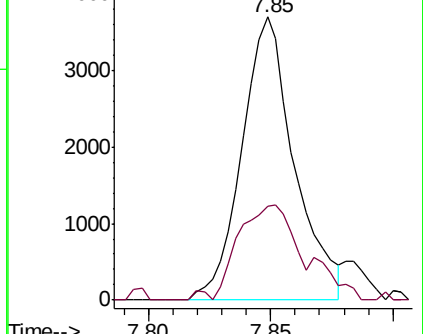
75 100

77 33.4 22.1 41.1



Abundance Ion 75.00 (74.70 to 75.70): VU031625.D (-2092) (-)

Ion 77.00 (76.70 to 77.70): VU031625.D (-2092) (-)



#46

Tetrachloroethene

Concen: 0.658 ug/L

RT: 8.23 min Scan# 2220

Delta R.T. 0.01 min

Lab File: VU031641.D

Acq: 30 Apr 2019 18:02

Tgt Ion: 164 Resp: 2610

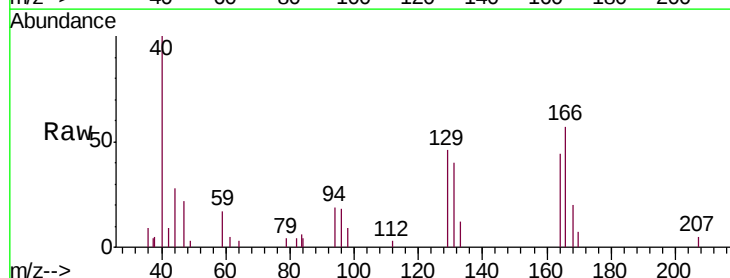
Ion Ratio Lower Upper

164 100

129 105.2 71.5 132.9

131 91.7 69.0 128.2

166 130.2 93.7 173.9

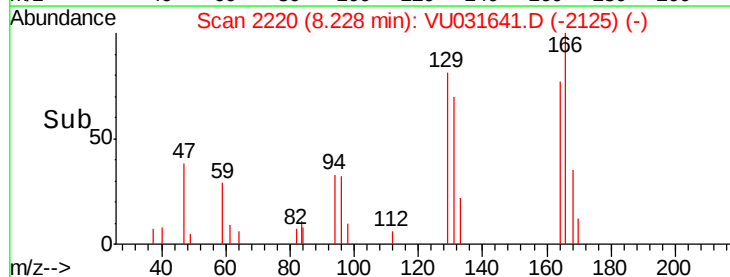
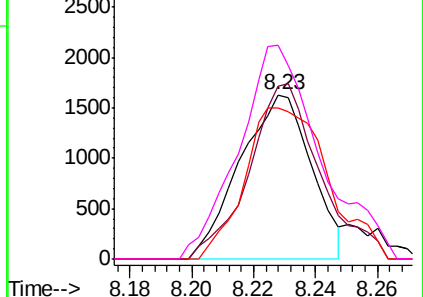


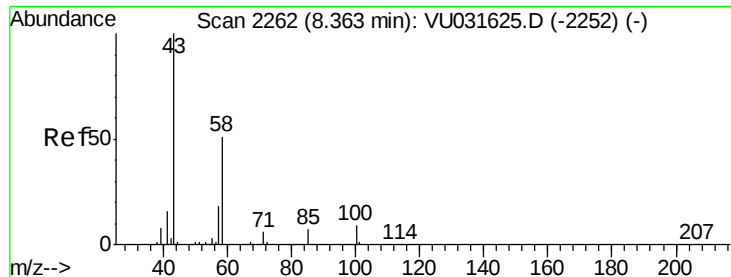
Abundance Ion 164.00 (163.70 to 164.70): VU031625.D (-2206) (-)

Ion 129.00 (128.70 to 129.70): VU031625.D (-2206) (-)

Ion 131.00 (130.70 to 131.70): VU031625.D (-2206) (-)

Ion 166.00 (165.70 to 166.70): VU031625.D (-2206) (-)

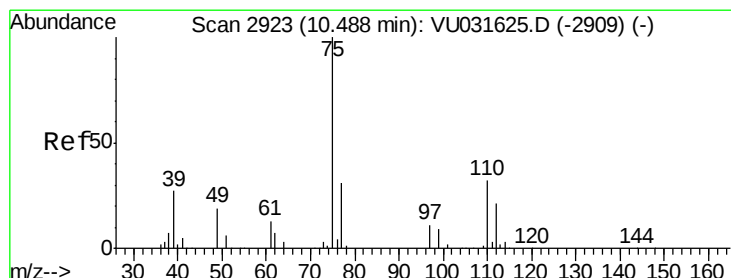
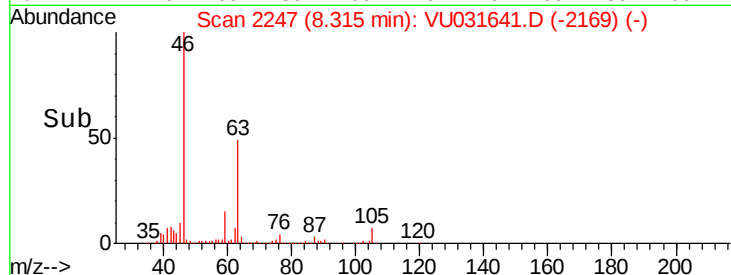
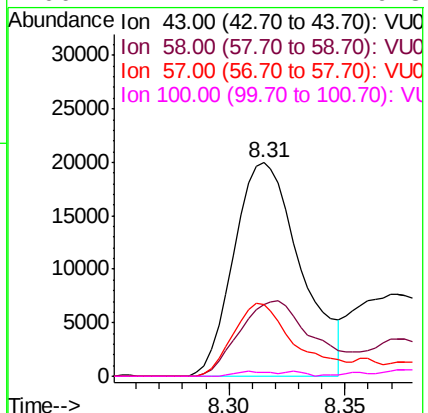
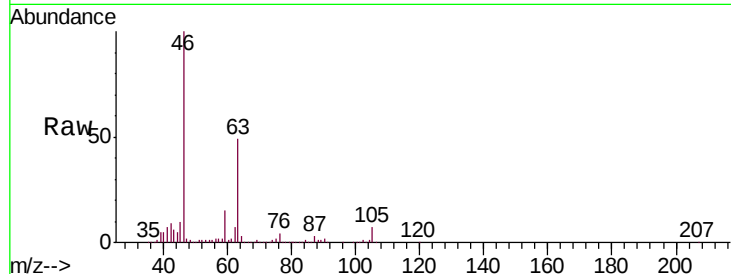




#48
 2-Hexanone
 Concen: 4.727 ug/L
 RT: 8.31 min Scan# 2247
 Delta R.T. -0.05 min
 Lab File: VU031641.D
 Acq: 30 Apr 2019 18:02

Instrument :
 MSVOA_U
 ClientSampleId :
 C0X74DL

Tgt Ion: 43 Resp: 40080
 Ion Ratio Lower Upper
 43 100
 58 0.0 42.1 63.1#
 57 32.5 14.6 22.0#
 100 1.2 7.2 10.8#



#59
 1,2,3-Trichloropropane
 Concen: 3.975 ug/L
 RT: 11.48 min Scan# 3231
 Delta R.T. 0.99 min
 Lab File: VU031641.D
 Acq: 30 Apr 2019 18:02

Tgt Ion: 75 Resp: 32108
 Ion Ratio Lower Upper
 75 100
 77 38.2 25.9 38.9

