

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU052819\
 Data File : VU032329.D
 Acq On : 28 May 2019 15:25
 Operator : JC/SP
 Sample : K3018-01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0XH8

Quant Time: May 29 05:30:59 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM052819WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed May 29 05:27:35 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	720654	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	712028	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	287248	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	217522	40.95	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	81.90%
7) Chloroethane-d5	1.67	69	202406	47.19	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	94.38%
11) 1,1-Dichloroethene-d2	2.27	63	316457	33.53	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	67.06%
21) 2-Butanone-d5	4.17	46	378831	108.36	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	108.36%
24) Chloroform-d	4.64	84	452892	48.72	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.44%
26) 1,2-Dichloroethane-d4	5.31	65	287398	52.24	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.48%
32) Benzene-d6	5.34	84	922549	49.40	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.80%
36) 1,2-Dichloropropane-d6	6.32	67	292092	50.39	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.78%
41) Toluene-d8	7.56	98	797232	45.75	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.50%
43) trans-1,3-Dichloropropene-	7.85	79	120837	45.52	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.04%
47) 2-Hexanone-d5	8.31	63	243652	100.18	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	100.18%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	437805	49.43	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.86%
64) 1,2-Dichlorobenzene-d4	11.85	152	305869	52.22	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.44%

Target Compounds

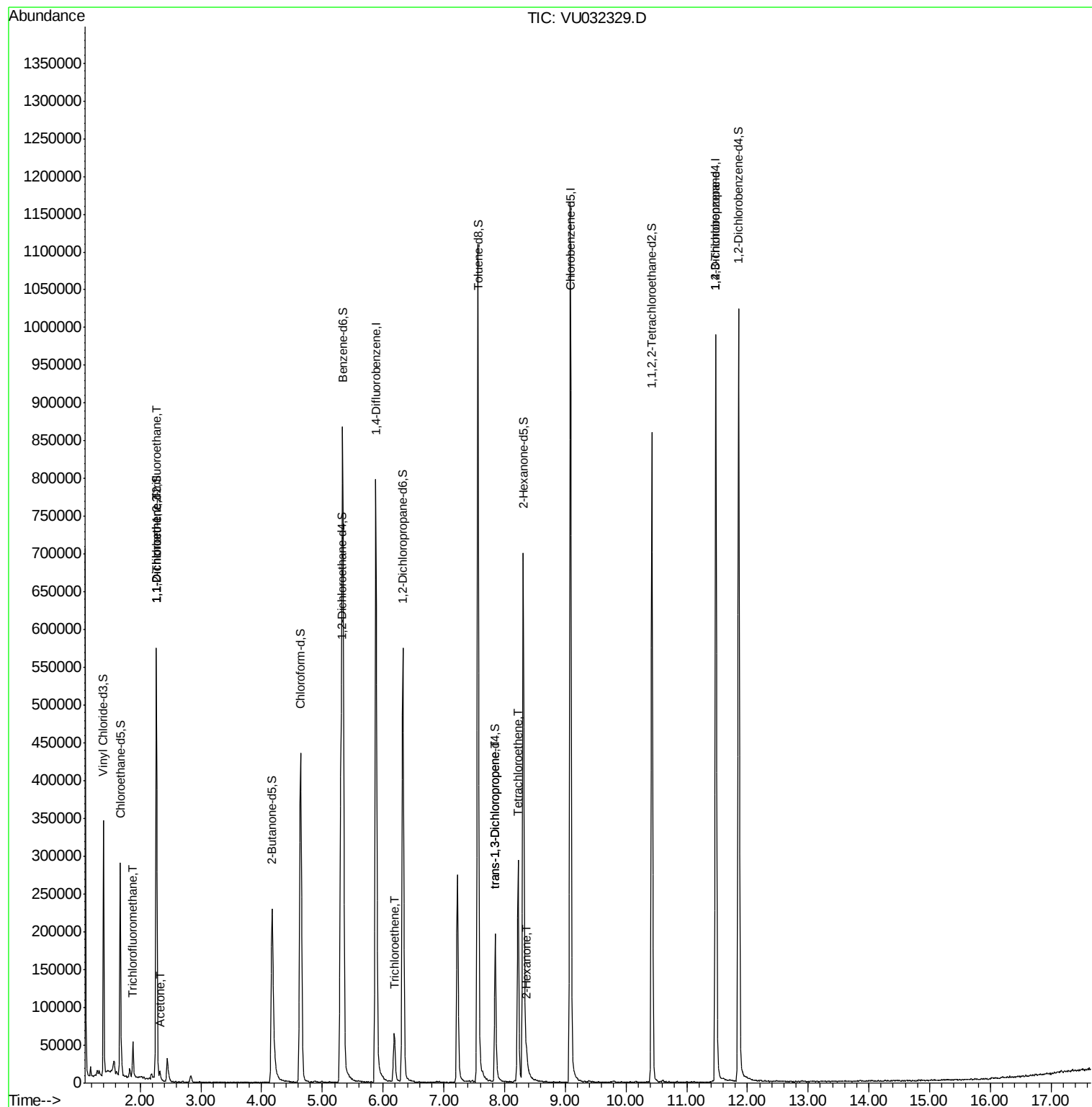
					Qvalue
9) Trichlorofluoromethane	1.88	101	25311	3.340 ug/L	97
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	3384	0.740 ug/L #	22
12) 1,1-Dichloroethene	2.27	96	2755	0.591 ug/L #	1
13) Acetone	2.32	43	7813	2.371 ug/L	96
34) Trichloroethene	6.19	95	22169	4.306 ug/L	96
44) trans-1,3-Dichloropropene	7.85	75	4246	0.630 ug/L #	82
46) Tetrachloroethene	8.22	164	69940	16.723 ug/L	95
48) 2-Hexanone	8.37	43	11827	2.136 ug/L #	47
59) 1,2,3-Trichloropropane	11.48	75	30676	4.443 ug/L	91

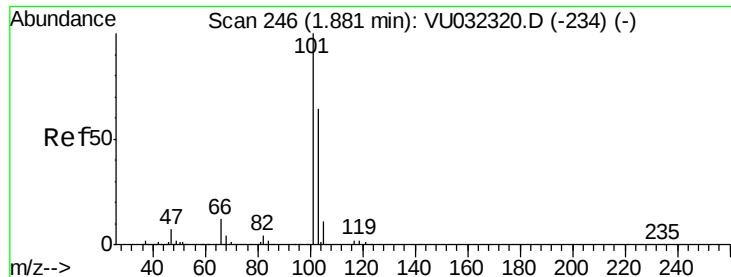
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#9

Trichlorofluoromethane

Concen: 3.340 ug/L

RT: 1.88 min Scan# 246

Delta R.T. 0.00 min

Lab File: VU032329.D

Acq: 28 May 2019 15:25

Instrument :

MSVOA_U

ClientSampleId :

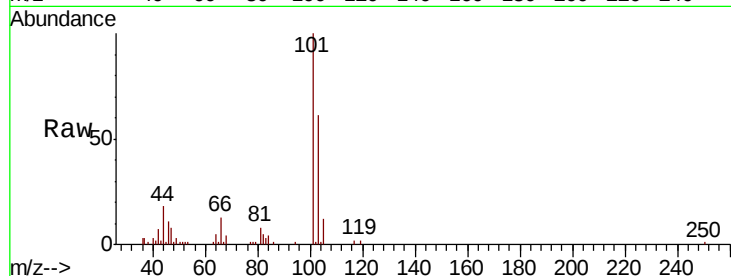
C0XH8

Tgt Ion:101 Resp: 25311

Ion Ratio Lower Upper

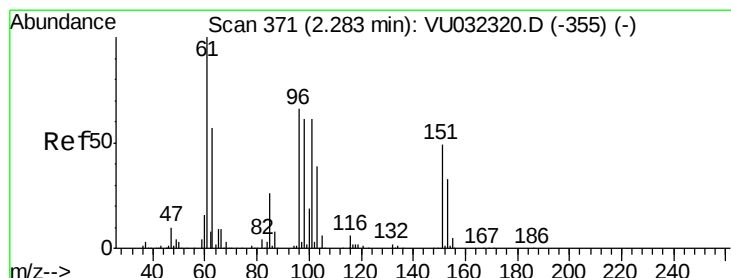
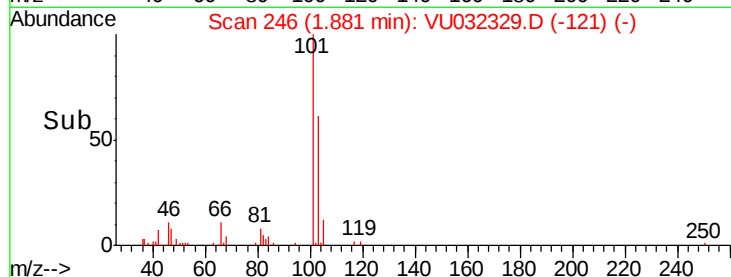
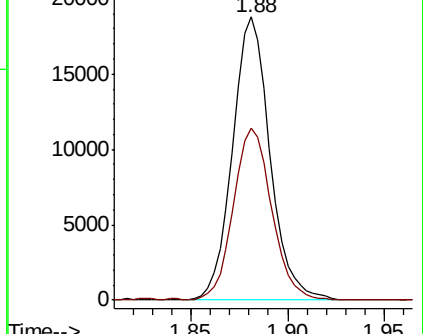
101 100

103 61.9 51.7 77.5



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V



#10

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

Concen: 0.740 ug/L

RT: 2.27 min Scan# 366

Delta R.T. -0.01 min

Lab File: VU032329.D

Acq: 28 May 2019 15:25

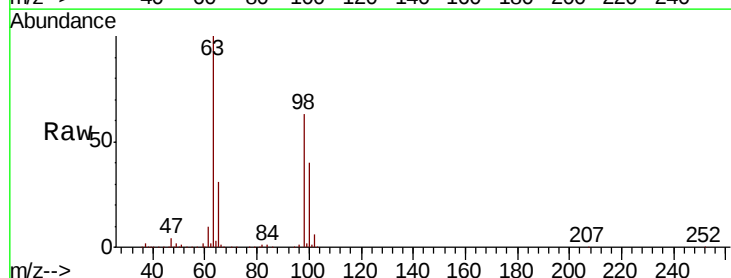
Tgt Ion:101 Resp: 3384

Ion Ratio Lower Upper

101 100

85 0.0 33.4 50.0#

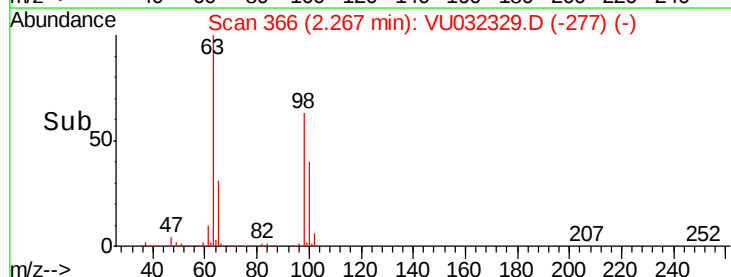
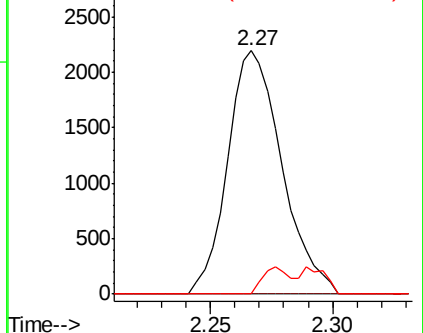
151 5.1 63.7 95.5#

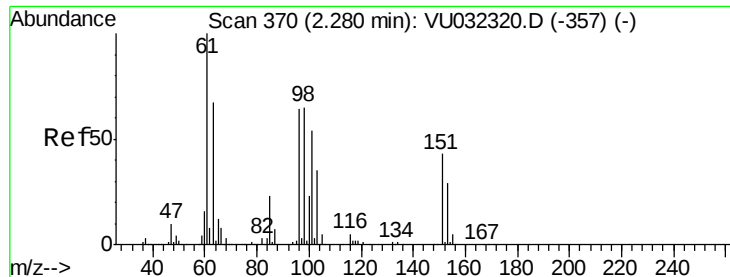


Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VU0

Ion 151.00 (150.70 to 151.70): V





#12

1,1-Dichloroethene

Concen: 0.591 ug/L

RT: 2.27 min Scan# 366

Delta R.T. -0.01 min

Lab File: VU032329.D

Acq: 28 May 2019 15:25

Instrument :

MSVOA_U

ClientSampleId :

C0XH8

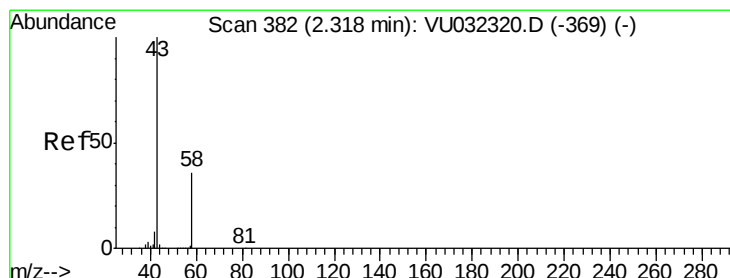
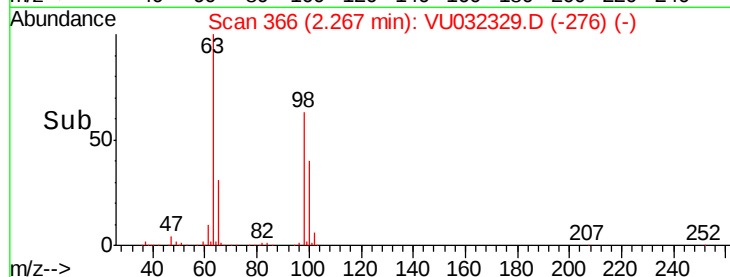
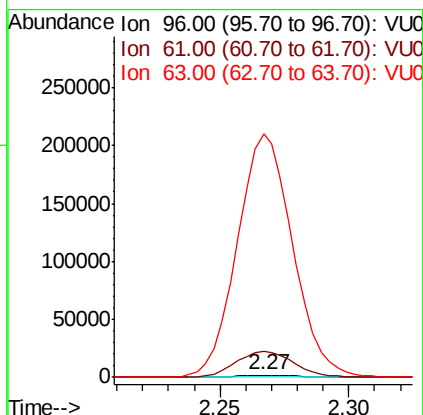
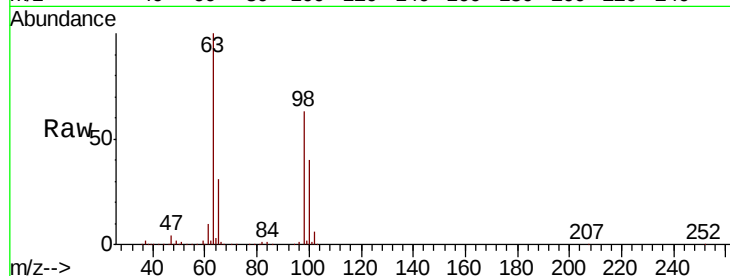
Tgt Ion: 96 Resp: 2755

Ion Ratio Lower Upper

96 100

61 1192.2 109.8 203.8#

63 11394.4 74.4 138.2#



#13

Acetone

Concen: 2.371 ug/L

RT: 2.32 min Scan# 382

Delta R.T. 0.00 min

Lab File: VU032329.D

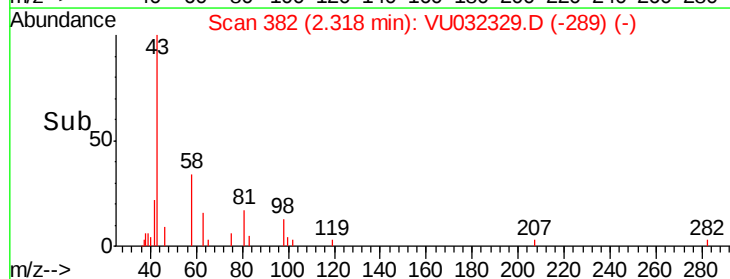
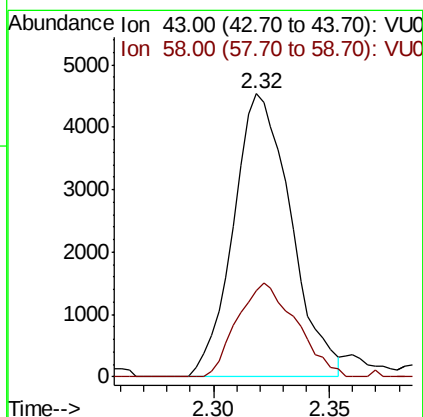
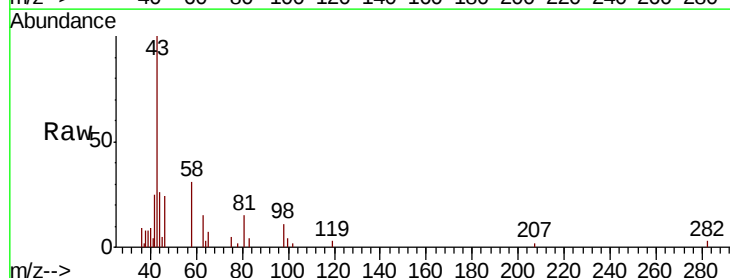
Acq: 28 May 2019 15:25

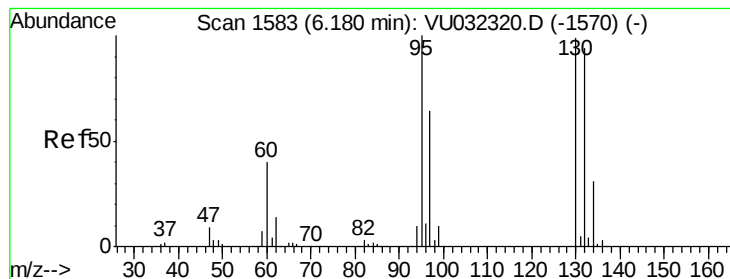
Tgt Ion: 43 Resp: 7813

Ion Ratio Lower Upper

43 100

58 34.2 0.0 73.6





#34

Trichloroethene

Concen: 4.306 ug/L

RT: 6.19 min Scan# 1585

Delta R.T. 0.01 min

Lab File: VU032329.D

Acq: 28 May 2019 15:25

Instrument :

MSVOA_U

ClientSampleId :

C0XH8

Tgt Ion: 95 Resp: 22169

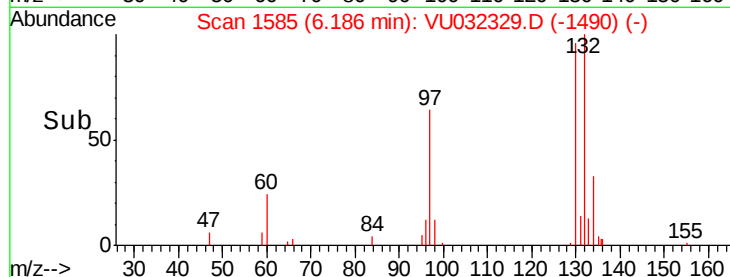
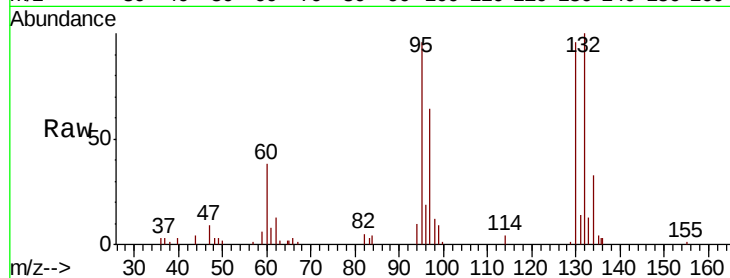
Ion Ratio Lower Upper

95 100

97 66.6 44.8 83.2

132 103.7 66.2 123.0

130 99.4 69.4 128.8



Abundance Ion 95.00 (94.70 to 95.70): VU032329.D (-1490) (-)

Ion 97.00 (96.70 to 97.70): VU032329.D (-1490) (-)

Ion 132.00 (131.70 to 132.70): VU032329.D (-1490) (-)

Ion 130.00 (129.70 to 130.70): VU032329.D (-1490) (-)

Time-->

6.10 6.15 6.20 6.25

15000

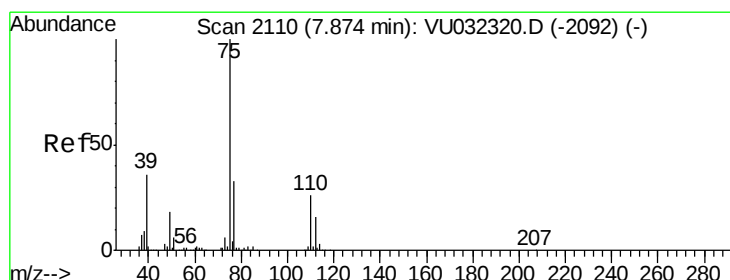
10000

5000

0

6.19

Time-->



#44

trans-1,3-Dichloropropene

Concen: 0.630 ug/L

RT: 7.85 min Scan# 2101

Delta R.T. -0.03 min

Lab File: VU032329.D

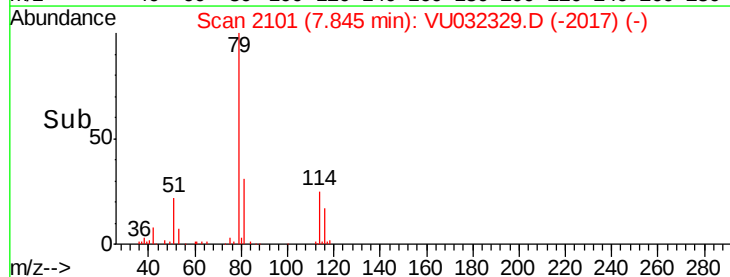
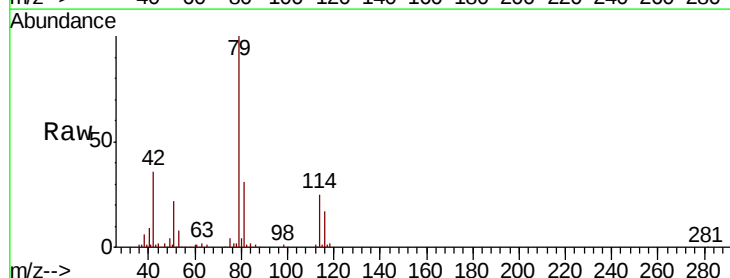
Acq: 28 May 2019 15:25

Tgt Ion: 75 Resp: 4246

Ion Ratio Lower Upper

75 100

77 42.8 23.0 42.6#



Abundance Ion 75.00 (74.70 to 75.70): VU032329.D (-2017) (-)

Ion 77.00 (76.70 to 77.70): VU032329.D (-2017) (-)

Time-->

7.80 7.82 7.84 7.86 7.88

3000

2500

2000

1500

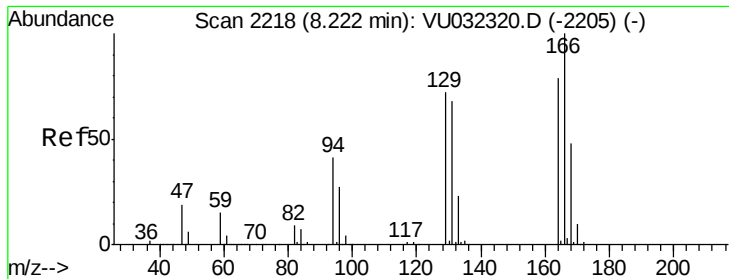
1000

500

0

7.85

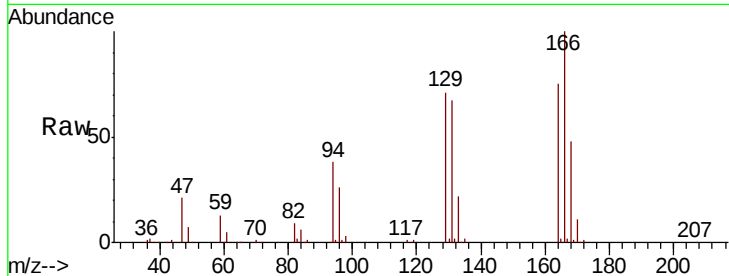
Time-->



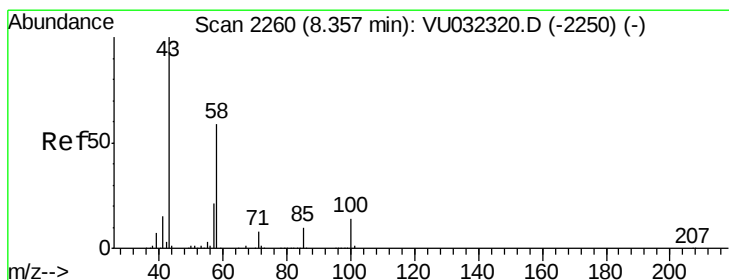
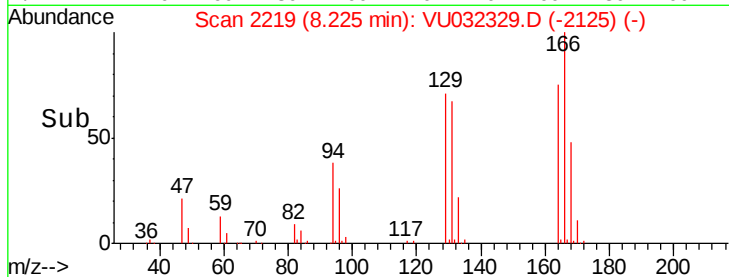
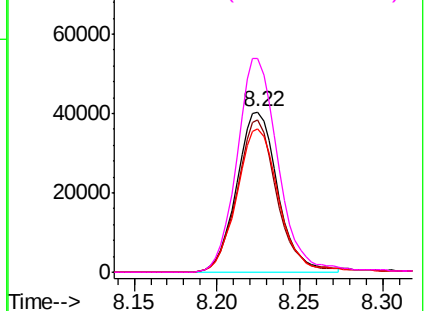
#46
Tetrachloroethene
Concen: 16.723 ug/L
RT: 8.22 min Scan# 2219
Delta R.T. 0.00 min
Lab File: VU032329.D
Acq: 28 May 2019 15:25

Instrument :
MSVOA_U
ClientSampled :
C0XH8

Tgt Ion:164 Resp: 69940
Ion Ratio Lower Upper
164 100
129 94.9 63.9 118.7
131 89.5 60.4 112.2
166 133.2 88.3 164.1

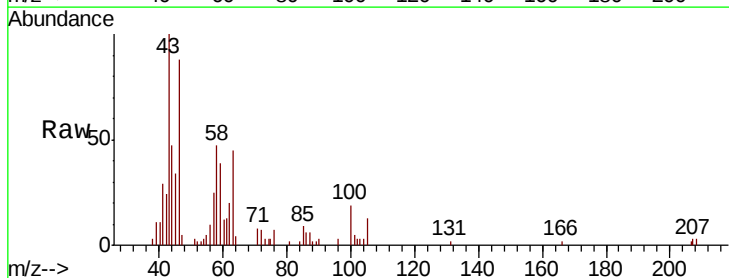


Abundance Ion 164.00 (163.70 to 164.70): V
Ion 129.00 (128.70 to 129.70): V
Ion 131.00 (130.70 to 131.70): V
Ion 166.00 (165.70 to 166.70): V

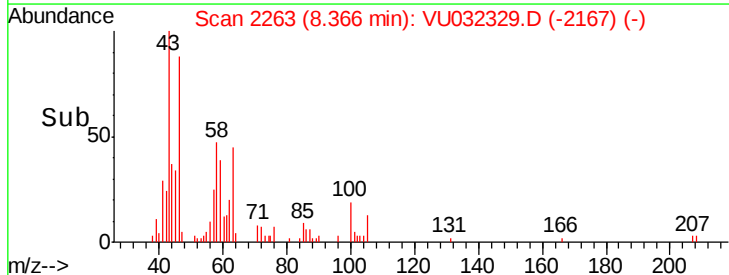
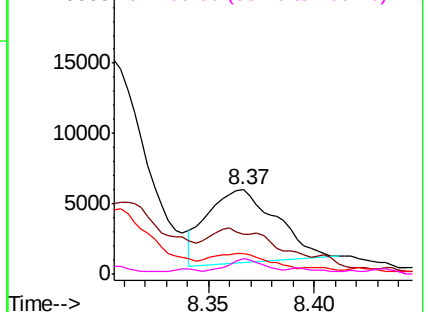


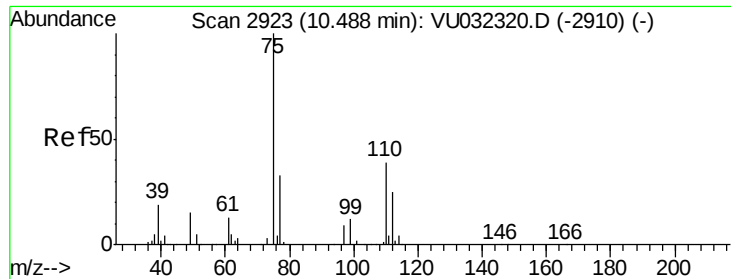
#48
2-Hexanone
Concen: 2.136 ug/L
RT: 8.37 min Scan# 2263
Delta R.T. 0.01 min
Lab File: VU032329.D
Acq: 28 May 2019 15:25

Tgt Ion: 43 Resp: 11827
Ion Ratio Lower Upper
43 100
58 8.9 48.6 73.0#
57 2.4 17.0 25.4#
100 11.9 11.0 16.4



Abundance Ion 43.00 (42.70 to 43.70): VU0
Ion 58.00 (57.70 to 58.70): VU0
Ion 57.00 (56.70 to 57.70): VU0
Ion 100.00 (99.70 to 100.70): VU0





#59

1,2,3-Trichloropropane

Concen: 4.443 ug/L

RT: 11.48 min Scan# 3231

Delta R.T. 0.99 min

Lab File: VU032329.D

Acq: 28 May 2019 15:25

Instrument :

MSVOA_U

ClientSampleId :

C0XH8

Tgt Ion: 75 Resp: 30676

Ion Ratio Lower Upper

75 100

77 37.1 25.8 38.8

