

Data File : VU032570.D
Acq On : 10 Jun 2019 17:21
Operator : JC/SP
Sample : K3277-07
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
DB8B2

Quant Time: Jun 11 05:42:10 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM060619WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Jun 11 05:38:55 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	183892	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	170509	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	87271	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	53342	44.71	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	89.42%
7) Chloroethane-d5	1.68	69	43844	45.73	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	91.46%
11) 1,1-Dichloroethene-d2	2.27	63	79366	33.98	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	67.96%
21) 2-Butanone-d5	4.17	46	102236	102.40	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	102.40%
24) Chloroform-d	4.64	84	105711	47.51	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.02%
26) 1,2-Dichloroethane-d4	5.30	65	71467	50.98	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.96%
32) Benzene-d6	5.33	84	215485	48.68	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.36%
36) 1,2-Dichloropropane-d6	6.32	67	69213	49.87	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.74%
41) Toluene-d8	7.56	98	197976	47.17	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.34%
43) trans-1,3-Dichloropropene-	7.85	79	33079	49.80	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	99.60%
47) 2-Hexanone-d5	8.31	63	65648	97.51	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	97.51%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	100204	49.82	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.64%
64) 1,2-Dichlorobenzene-d4	11.85	152	83164	49.75	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.50%

Target Compounds

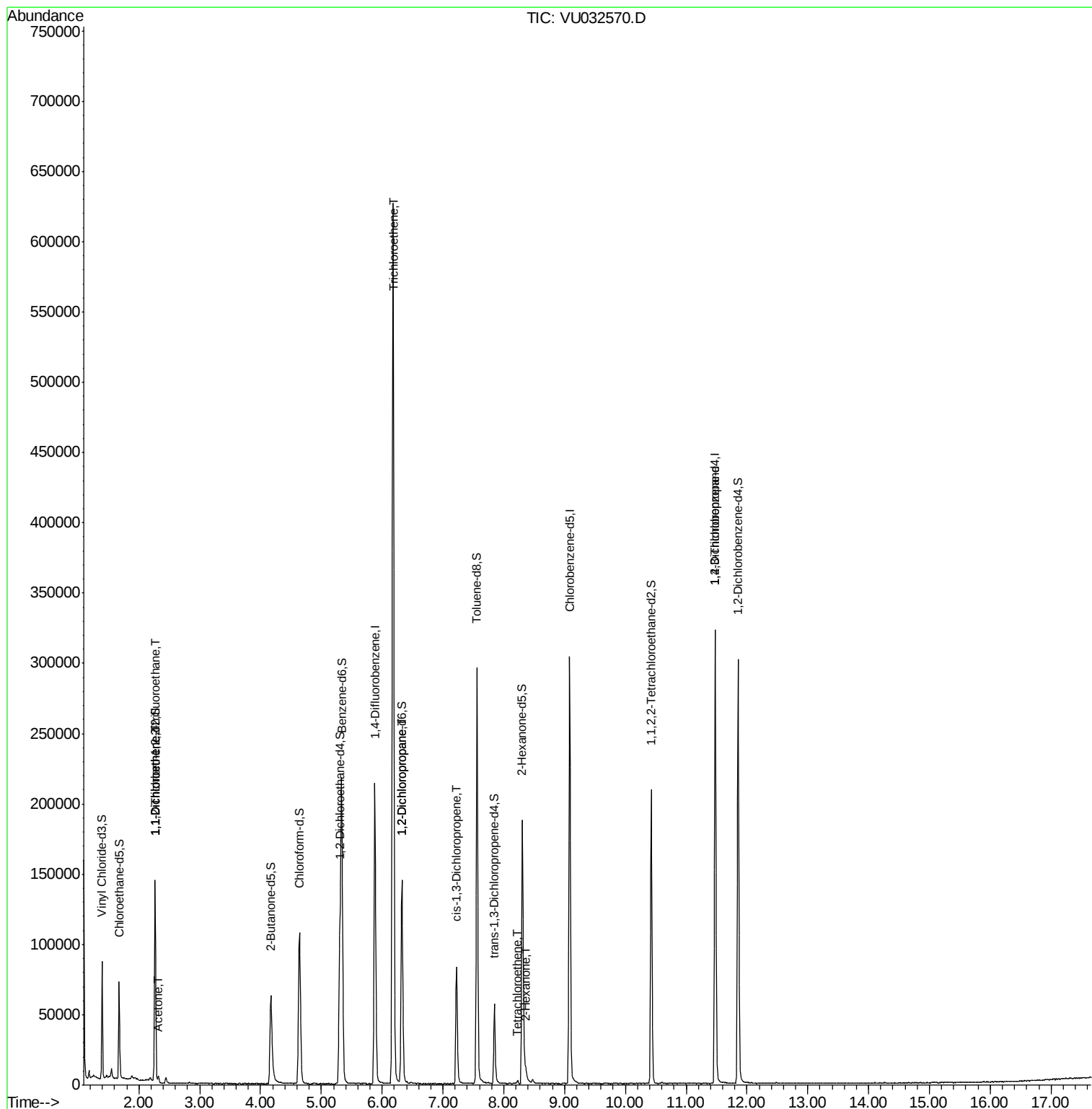
						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	705	0.627	ug/L #	18
12) 1,1-Dichloroethene	2.26	96	649	0.595	ug/L #	1
13) Acetone	2.32	43	4171	4.049	ug/L	92
34) Trichloroethene	6.18	95	209054	160.393	ug/L	99
37) 1,2-Dichloropropane	6.32	63	7645	6.020	ug/L #	88
39) cis-1,3-Dichloropropene	7.22	75	2415	1.205	ug/L	84
46) Tetrachloroethene	8.22	164	547	0.508	ug/L #	80
48) 2-Hexanone	8.37	43	4260	2.539	ug/L #	73
59) 1,2,3-Trichloropropane	11.48	75	10242	6.204	ug/L	90

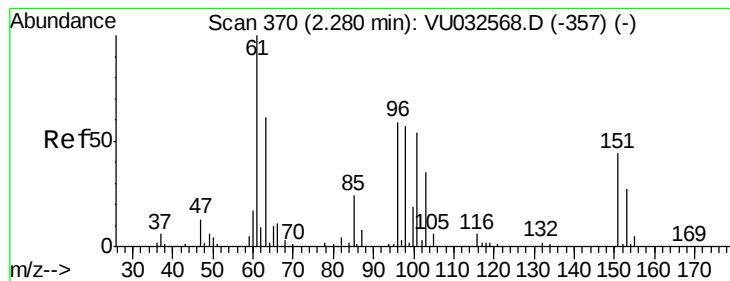
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VU032570.D
Acq On : 10 Jun 2019 17:21
Operator : JC/SP
Sample : K3277-07
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
DB8B2

Quant Time: Jun 11 05:42:10 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM060619WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Jun 11 05:38:55 2019
Response via : Initial Calibration





#10

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

Concen: 0.627 ug/L

RT: 2.27 min Scan# 366

Delta R.T. -0.01 min

Lab File: VU032570.D

Acq: 10 Jun 2019 17:21

Instrument :

MSVOA_U

ClientSampleId :

DB8B2

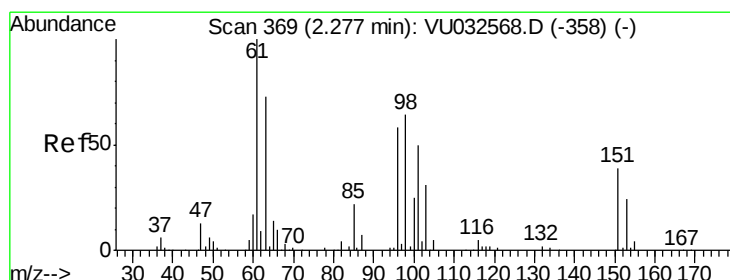
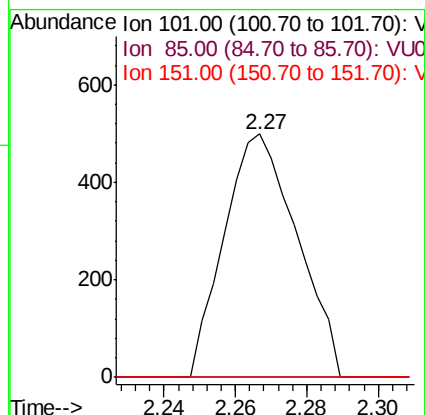
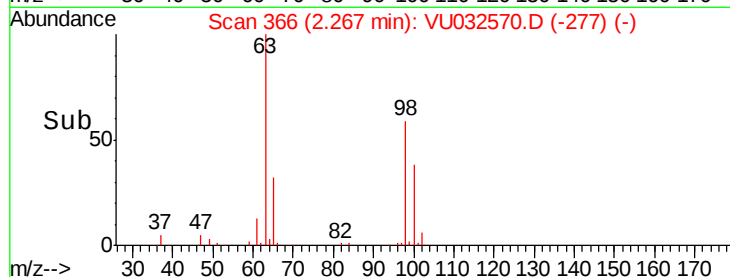
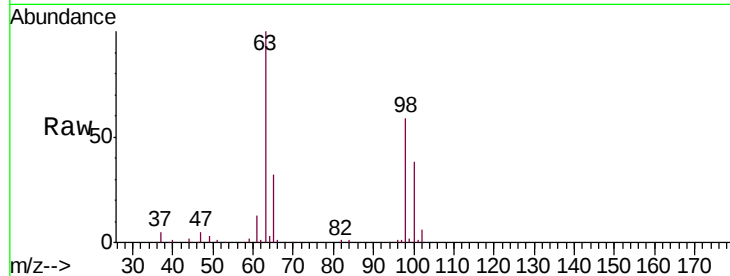
Tgt Ion: 101 Resp: 705

Ion Ratio Lower Upper

101 100

85 0.0 36.1 54.1#

151 0.0 63.0 94.4#



#12

1,1-Dichloroethene

Concen: 0.595 ug/L

RT: 2.26 min Scan# 365

Delta R.T. -0.01 min

Lab File: VU032570.D

Acq: 10 Jun 2019 17:21

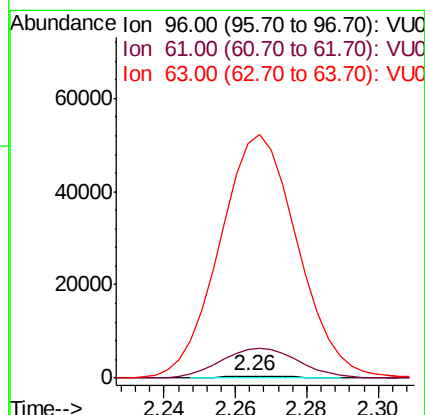
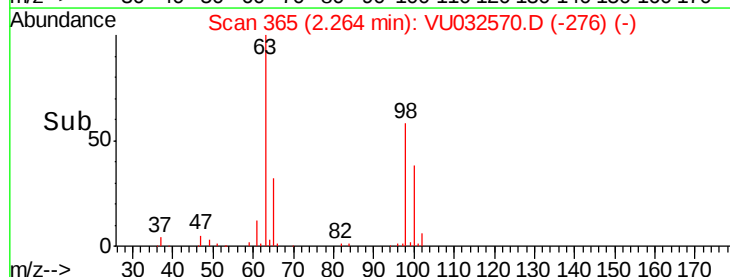
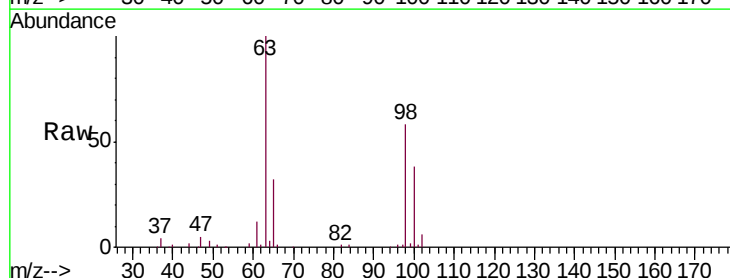
Tgt Ion: 96 Resp: 649

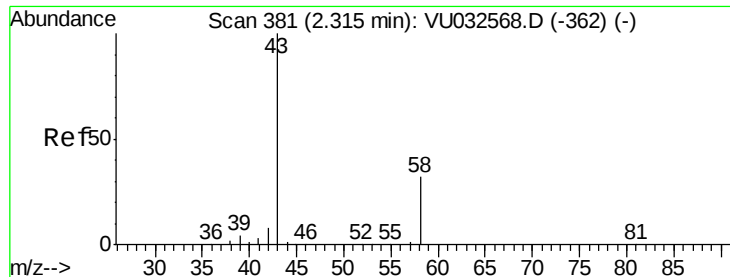
Ion Ratio Lower Upper

96 100

61 1297.5 129.5 240.5#

63 10423.2 103.4 192.0#





#13

Acetone

Concen: 4.049 ug/L

RT: 2.32 min Scan# 382

Delta R.T. 0.00 min

Lab File: VU032570.D

Acq: 10 Jun 2019 17:21

Instrument :

MSVOA_U

ClientSampled :

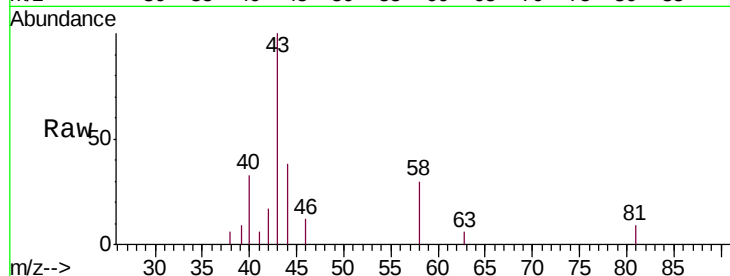
DB8B2

Tgt Ion: 43 Resp: 4171

Ion Ratio Lower Upper

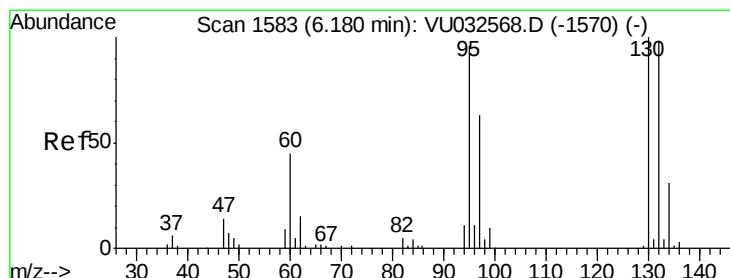
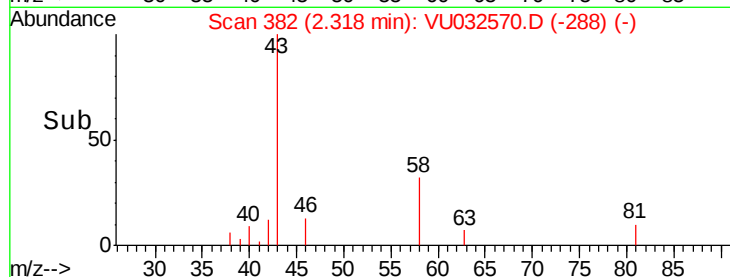
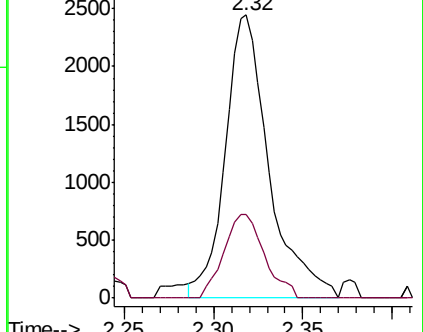
43 100

58 27.5 0.0 64.0



Abundance Ion 43.00 (42.70 to 43.70): VU032568.D (-362) (-)

Ion 58.00 (57.70 to 58.70): VU032568.D (-362) (-)



#34

Trichloroethene

Concen: 160.393 ug/L

RT: 6.18 min Scan# 1583

Delta R.T. -0.00 min

Lab File: VU032570.D

Acq: 10 Jun 2019 17:21

Tgt Ion: 95 Resp: 209054

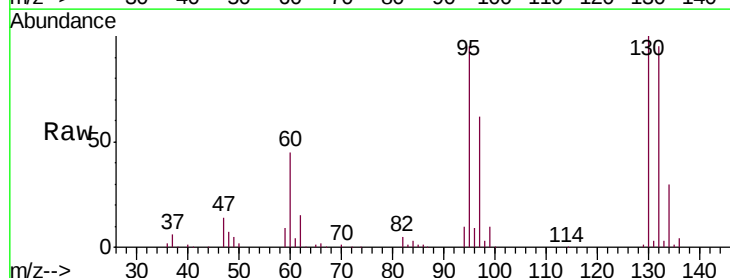
Ion Ratio Lower Upper

95 100

97 64.5 45.8 85.2

132 100.1 71.0 131.8

130 104.8 73.4 136.2

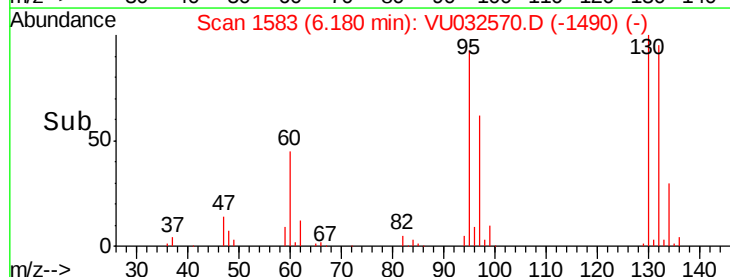
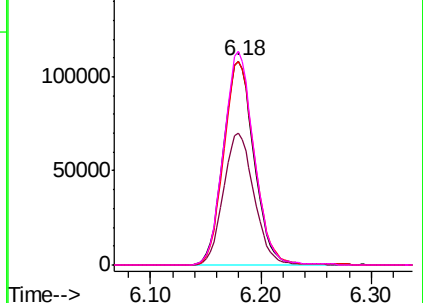


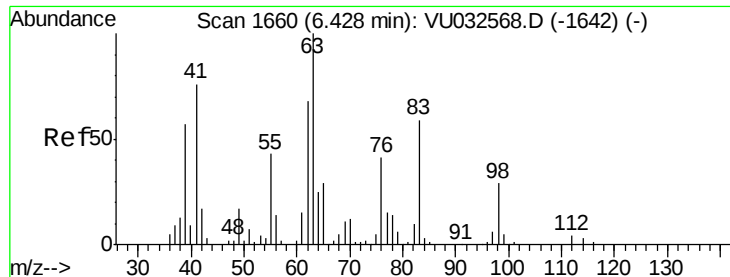
Abundance Ion 95.00 (94.70 to 95.70): VU032568.D (-1570) (-)

Ion 97.00 (96.70 to 97.70): VU032568.D (-1570) (-)

Ion 132.00 (131.70 to 132.70): VU032568.D (-1570) (-)

Ion 130.00 (129.70 to 130.70): VU032568.D (-1570) (-)

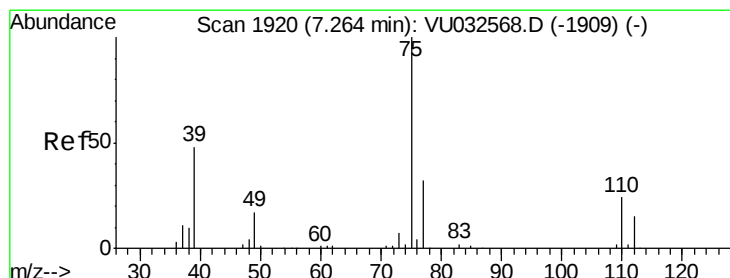
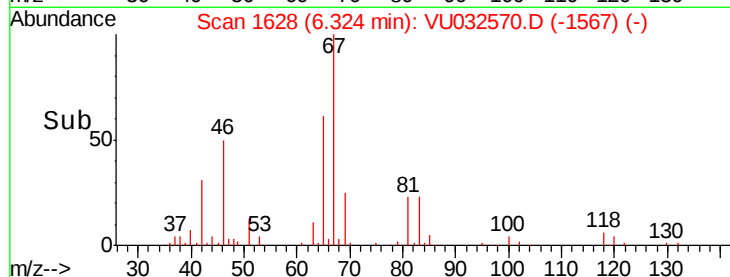
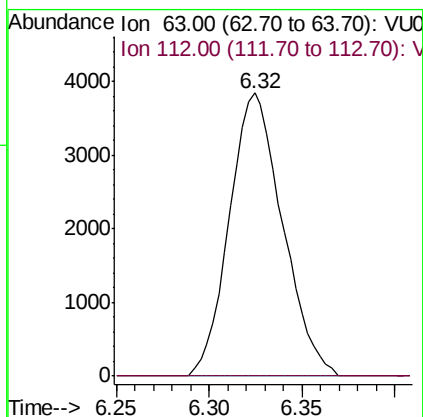
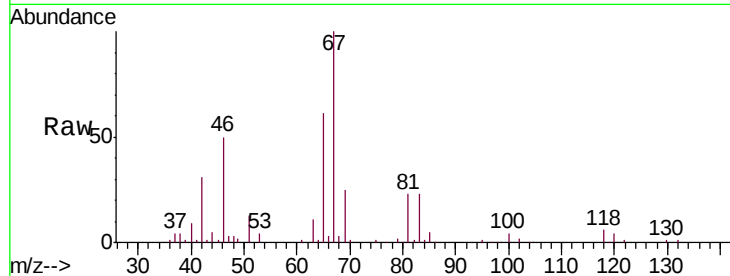




#37
 1,2-Dichloropropane
 Concen: 6.020 ug/L
 RT: 6.32 min Scan# 1628
 Delta R.T. -0.10 min
 Lab File: VU032570.D
 Acq: 10 Jun 2019 17:21

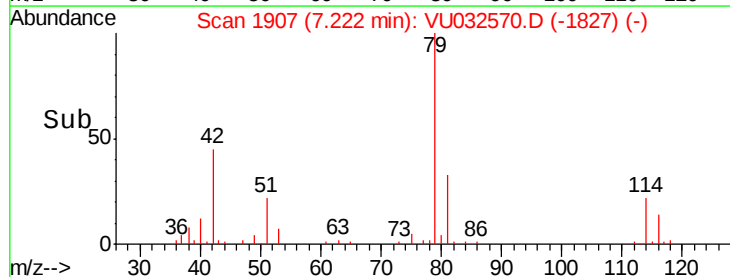
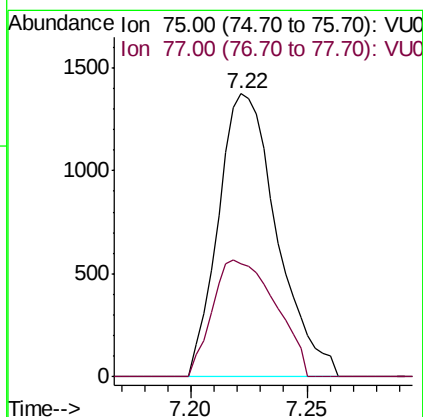
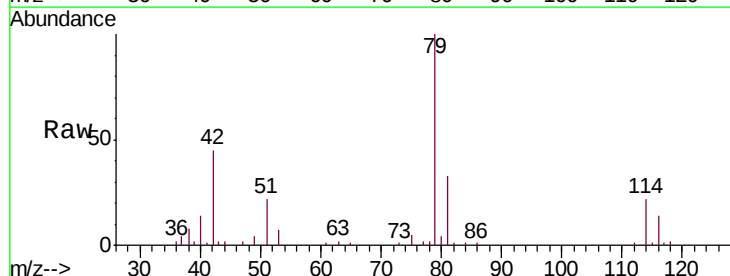
Instrument :
 MSVOA_U
 ClientSampleId :
 DB8B2

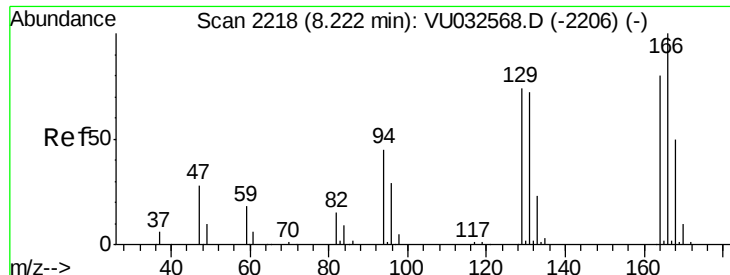
Tgt Ion: 63 Resp: 7645
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.1 4.7#



#39
 cis-1,3-Dichloropropene
 Concen: 1.205 ug/L
 RT: 7.22 min Scan# 1907
 Delta R.T. -0.04 min
 Lab File: VU032570.D
 Acq: 10 Jun 2019 17:21

Tgt Ion: 75 Resp: 2415
 Ion Ratio Lower Upper
 75 100
 77 40.1 22.0 41.0





#46

Tetrachloroethene

Concen: 0.508 ug/L

RT: 8.22 min Scan# 2218

Delta R.T. -0.00 min

Lab File: VU032570.D

Acq: 10 Jun 2019 17:21

Instrument :

MSVOA_U

ClientSampleId :

DB8B2

Tgt Ion:164 Resp: 547

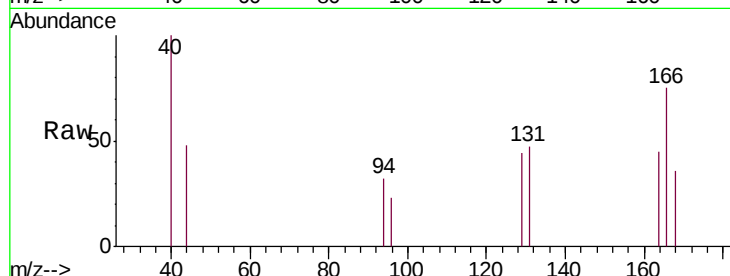
Ion Ratio Lower Upper

164 100

129 98.6 65.3 121.3

131 105.5 64.0 119.0

166 167.8 88.8 165.0#

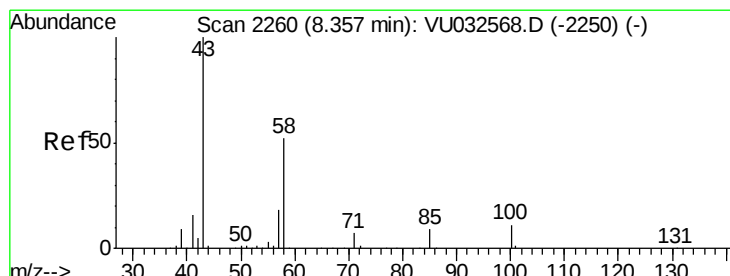
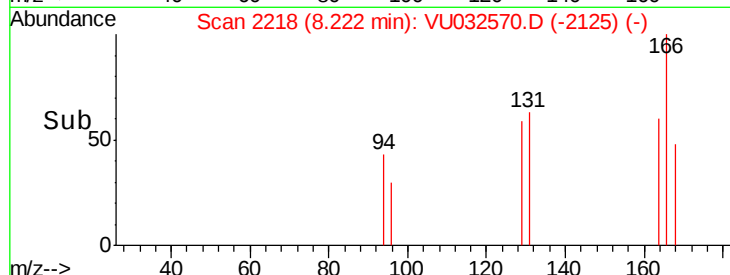
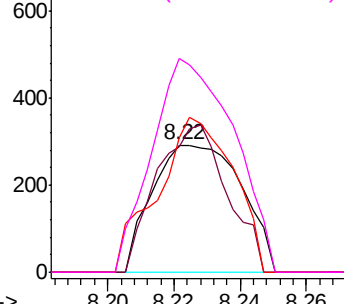


Abundance Ion 164.00 (163.70 to 164.70): V

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: 2.539 ug/L

RT: 8.37 min Scan# 2263

Delta R.T. 0.01 min

Lab File: VU032570.D

Acq: 10 Jun 2019 17:21

Tgt Ion: 43 Resp: 4260

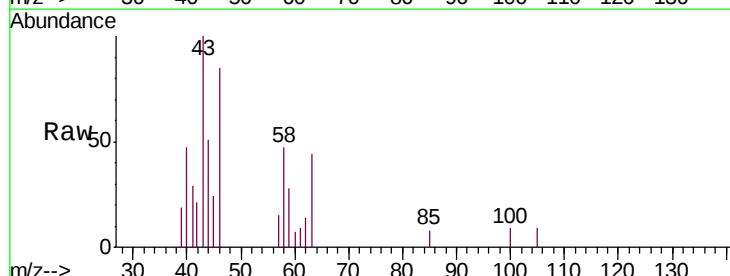
Ion Ratio Lower Upper

43 100

58 26.2 42.0 63.0#

57 21.0 14.6 22.0

100 7.1 9.2 13.8#

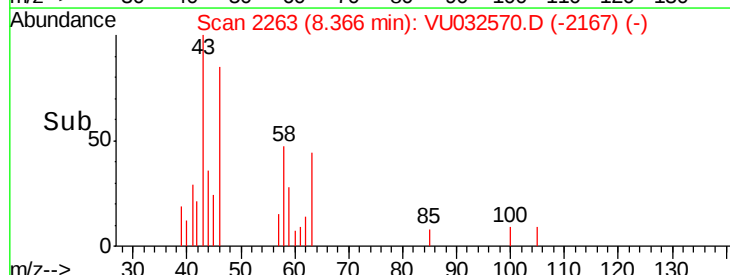
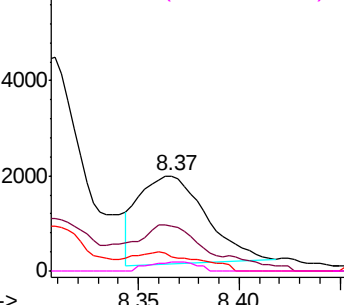


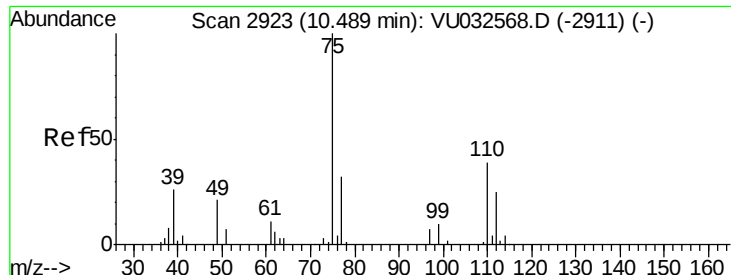
Abundance Ion 43.00 (42.70 to 43.70): VU0

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: 6.204 ug/L
 RT: 11.48 min Scan# 3231
 Delta R.T. 0.99 min
 Lab File: VU032570.D
 Acq: 10 Jun 2019 17:21

Instrument :
 MSVOA_U
 ClientSampleId :
 DB8B2

Tgt Ion: 75 Resp: 10242
 Ion Ratio Lower Upper
 75 100
 77 37.6 25.6 38.4

