

Data File : VU032818.D
Acq On : 18 Jun 2019 12:51
Operator : JC/SP
Sample : K3363-19
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0JR0

Quant Time: Jun 19 01:31:50 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM061719WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Jun 19 01:26:44 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	222280	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	209475	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	100779	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	60468	39.81	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	79.62%
7) Chloroethane-d5	1.68	69	54171	44.71	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	89.42%
11) 1,1-Dichloroethene-d2	2.27	63	92625	30.27	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	60.54%
21) 2-Butanone-d5	4.17	46	142447	112.66	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	112.66%
24) Chloroform-d	4.64	84	134028	45.38	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.76%
26) 1,2-Dichloroethane-d4	5.30	65	96077	48.84	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.68%
32) Benzene-d6	5.33	84	255326	46.76	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.52%
36) 1,2-Dichloropropane-d6	6.32	67	86217	49.56	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.12%
41) Toluene-d8	7.56	98	220634	43.15	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.30%
43) trans-1,3-Dichloropropene-	7.85	79	37170	41.08	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	82.16%
47) 2-Hexanone-d5	8.31	63	103921	127.94	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	127.94%
57) 1,1,2,2-Tetrachloroethane-	10.42	84	133861	49.78	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.56%
64) 1,2-Dichlorobenzene-d4	11.85	152	92689	47.53	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.06%

Target Compounds

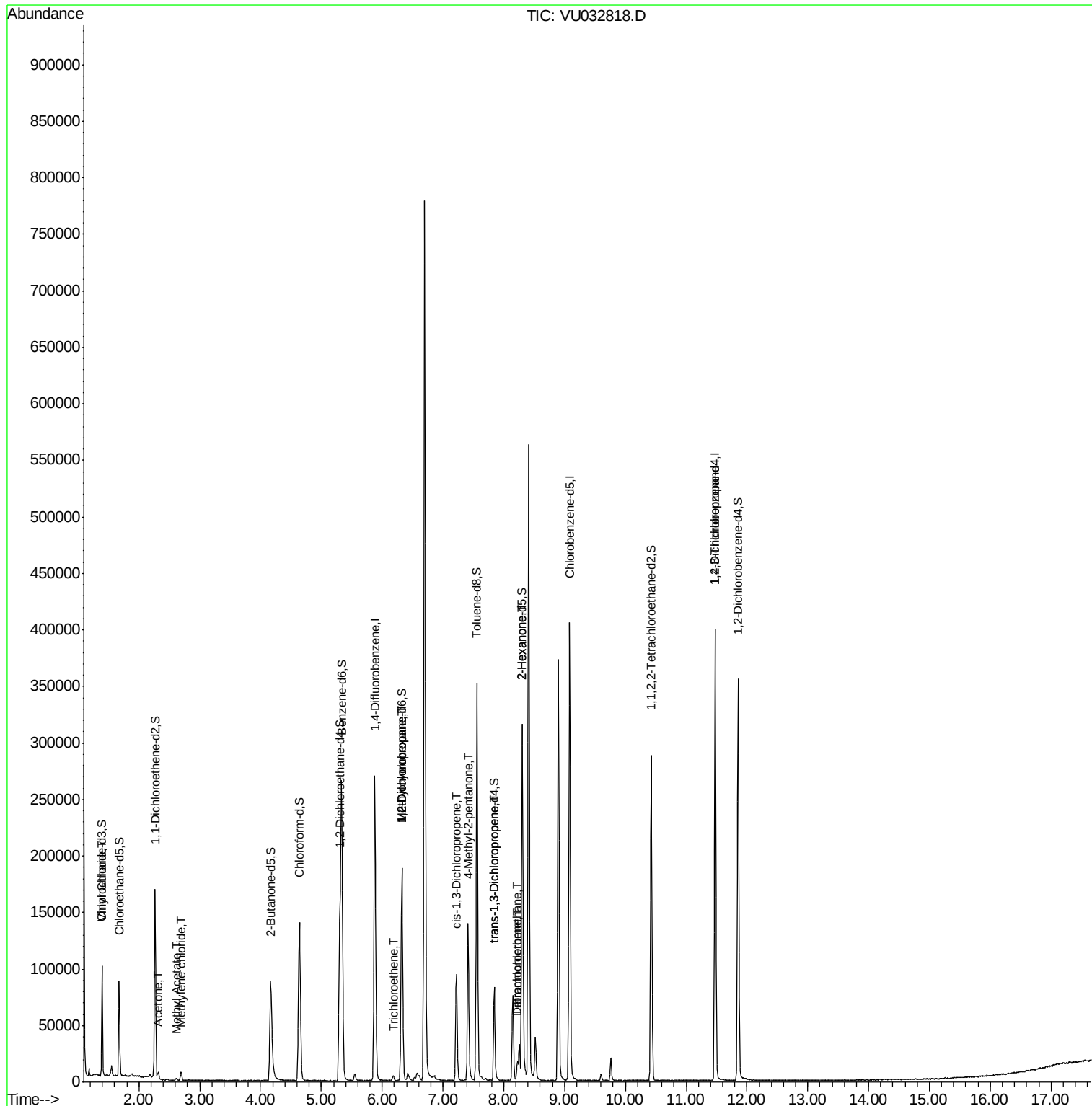
					Qvalue	
8) Chloroethane	1.40	64	887	0.763	ug/L #	1
13) Acetone	2.32	43	5620	3.218	ug/L	100
15) Methyl Acetate	2.62	43	2055	1.038	ug/L #	73
16) Methylene chloride	2.69	84	3106	1.891	ug/L	93
34) Trichloroethene	6.19	95	1619	1.004	ug/L	93
35) Methylcyclohexane	6.32	83	20105	8.067	ug/L #	18
37) 1,2-Dichloropropane	6.32	63	10296	6.220	ug/L #	88
39) cis-1,3-Dichloropropene	7.22	75	2417	0.937	ug/L #	69
40) 4-Methyl-2-pentanone	7.41	43	52534	19.879	ug/L #	53
44) trans-1,3-Dichloropropene	7.84	75	1923	0.794	ug/L #	80
46) Tetrachloroethene	8.22	164	1940	1.468	ug/L	96
48) 2-Hexanone	8.31	43	18075	7.752	ug/L #	64
49) Dibromochloromethane	8.22	129	1692	0.911	ug/L #	12
59) 1,2,3-Trichloropropane	11.48	75	12692	5.745	ug/L #	85

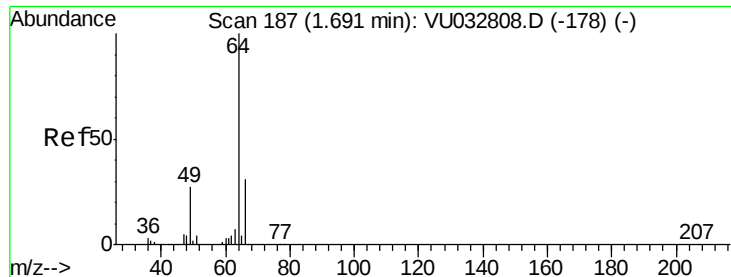
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VU032818.D
Acq On : 18 Jun 2019 12:51
Operator : JC/SP
Sample : K3363-19
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0JR0

Quant Time: Jun 19 01:31:50 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM061719WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Jun 19 01:26:44 2019
Response via : Initial Calibration

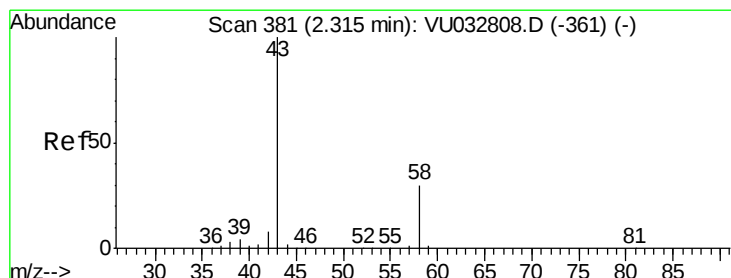
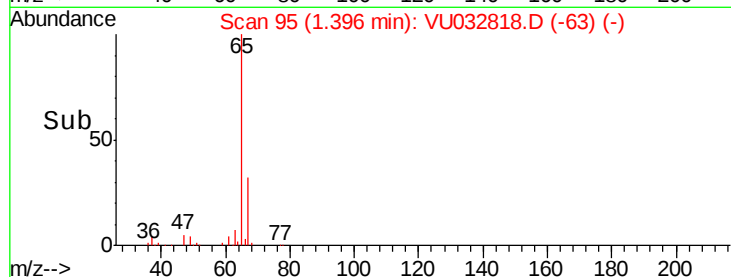
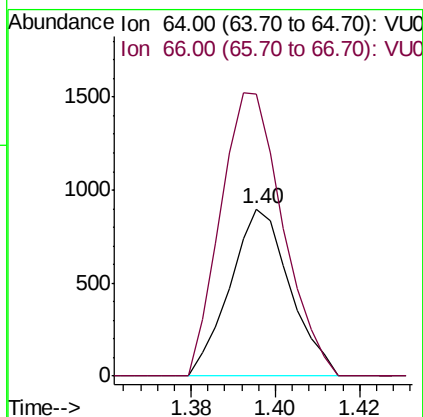
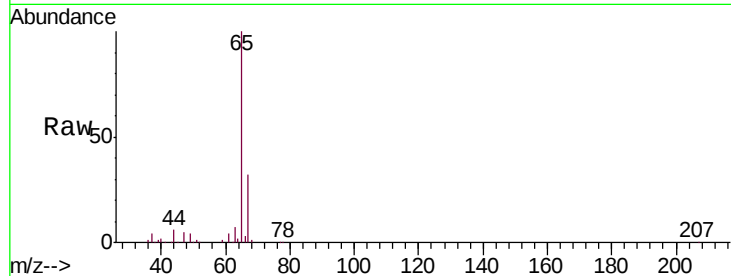




#8
Chloroethane
Concen: 0.763 ug/L
RT: 1.40 min Scan# 95
Delta R.T. -0.30 min
Lab File: VU032818.D
Acq: 18 Jun 2019 12:51

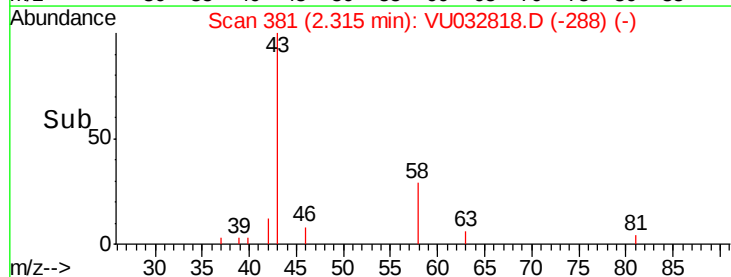
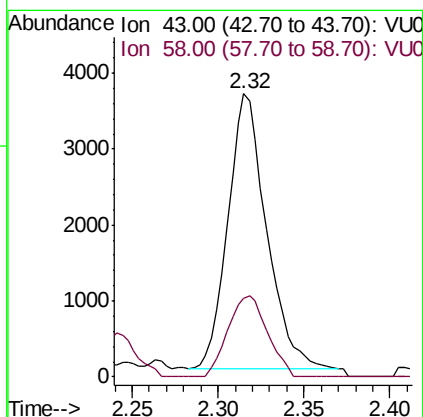
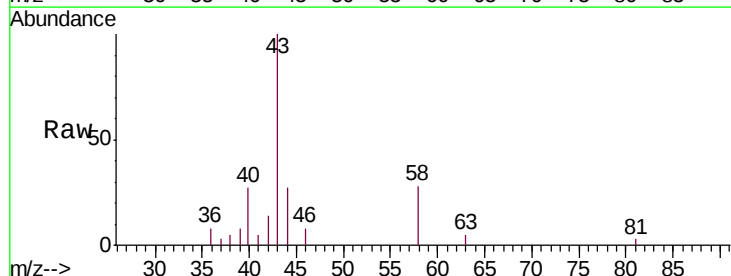
Instrument :
MSVOA_U
ClientSampleId :
C0JR0

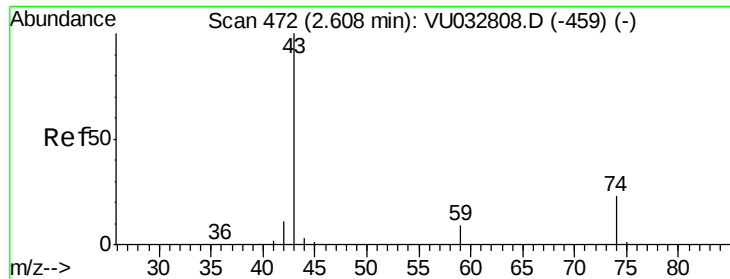
Tgt Ion: 64 Resp: 887
Ion Ratio Lower Upper
64 100
66 168.9 22.5 41.7#



#13
Acetone
Concen: 3.218 ug/L
RT: 2.32 min Scan# 381
Delta R.T. 0.00 min
Lab File: VU032818.D
Acq: 18 Jun 2019 12:51

Tgt Ion: 43 Resp: 5620
Ion Ratio Lower Upper
43 100
58 30.1 0.0 60.6

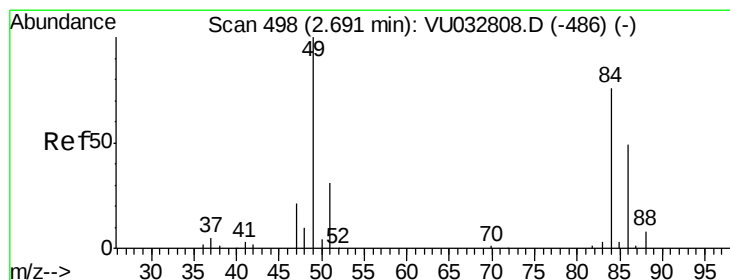
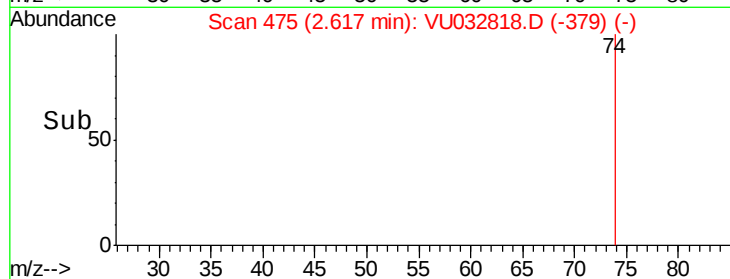
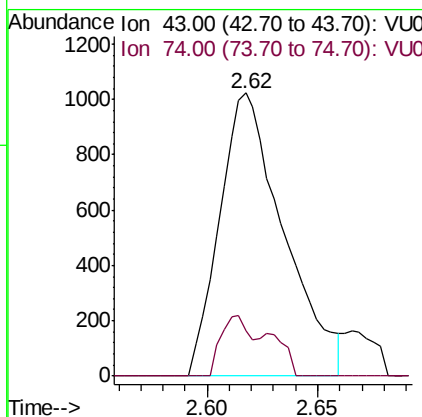
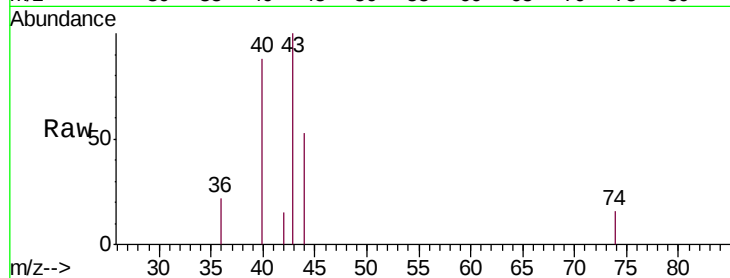




#15
Methyl Acetate
Concen: 1.038 ug/L
RT: 2.62 min Scan# 475
Delta R.T. 0.01 min
Lab File: VU032818.D
Acq: 18 Jun 2019 12:51

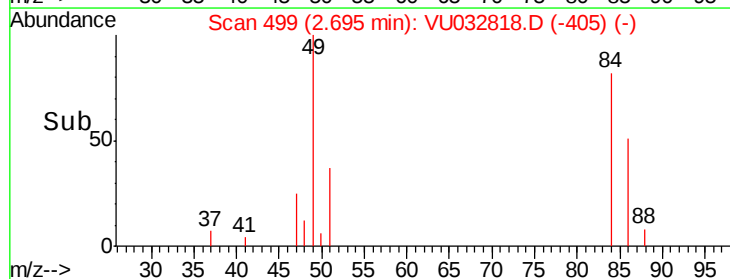
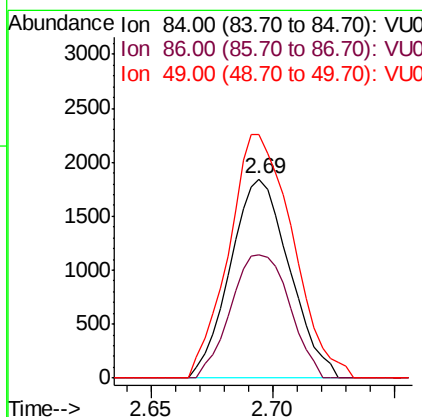
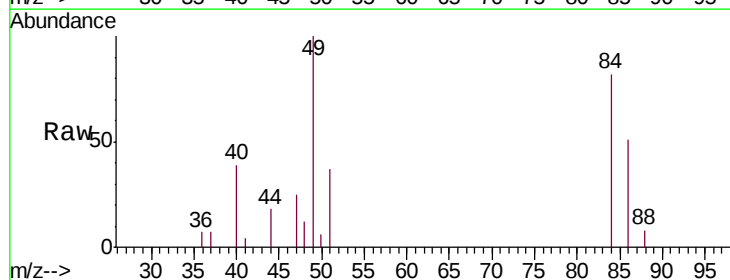
Instrument :
MSVOA_U
ClientSampleId :
C0JR0

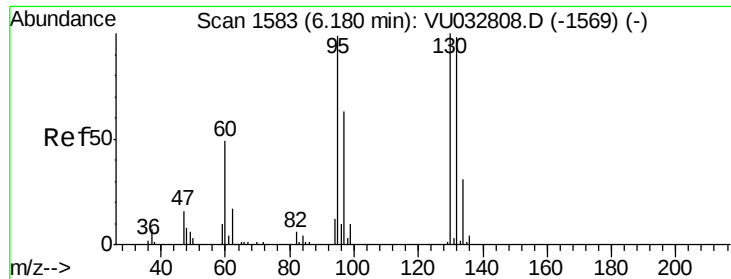
Tgt Ion: 43 Resp: 2055
Ion Ratio Lower Upper
43 100
74 9.5 18.1 27.1#



#16
Methylene chloride
Concen: 1.891 ug/L
RT: 2.69 min Scan# 499
Delta R.T. 0.00 min
Lab File: VU032818.D
Acq: 18 Jun 2019 12:51

Tgt Ion: 84 Resp: 3106
Ion Ratio Lower Upper
84 100
86 62.1 45.5 84.5
49 122.3 92.1 171.1





#34

Trichloroethene

Concen: 1.004 ug/L

RT: 6.19 min Scan# 1586

Delta R.T. 0.01 min

Lab File: VU032818.D

Acq: 18 Jun 2019 12:51

Instrument :

MSVOA_U

ClientSampled :

C0JR0

Tgt Ion: 95 Resp: 1619

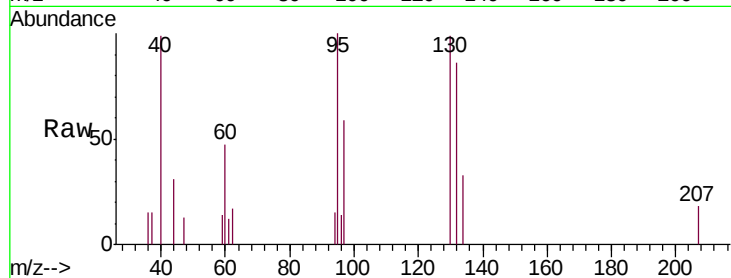
Ion Ratio Lower Upper

95 100

97 59.4 45.9 85.3

132 85.5 68.5 127.3

130 98.9 70.8 131.4

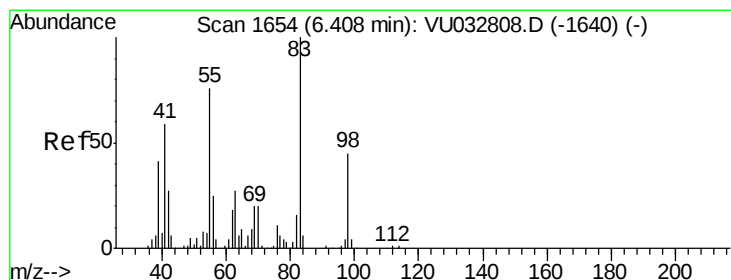
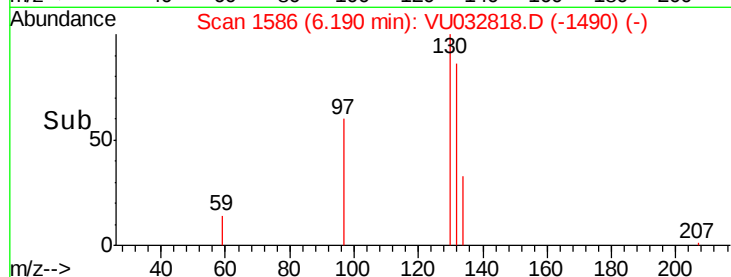
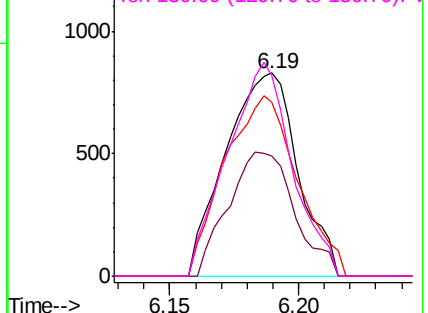


Abundance Ion 95.00 (94.70 to 95.70): VU032818.D (-1569) (-)

Ion 97.00 (96.70 to 97.70): VU032818.D (-1569) (-)

Ion 132.00 (131.70 to 132.70): VU032818.D (-1569) (-)

Ion 130.00 (129.70 to 130.70): VU032818.D (-1569) (-)



#35

Methylcyclohexane

Concen: 8.067 ug/L

RT: 6.32 min Scan# 1628

Delta R.T. -0.08 min

Lab File: VU032818.D

Acq: 18 Jun 2019 12:51

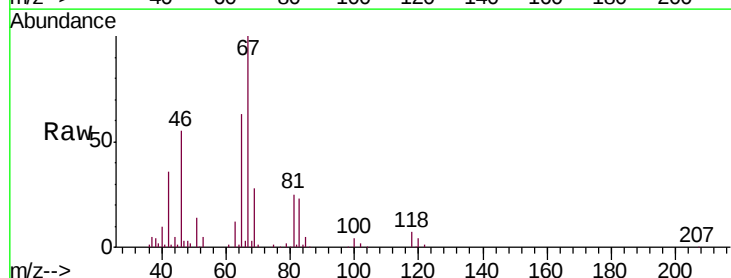
Tgt Ion: 83 Resp: 20105

Ion Ratio Lower Upper

83 100

55 0.2 62.6 94.0#

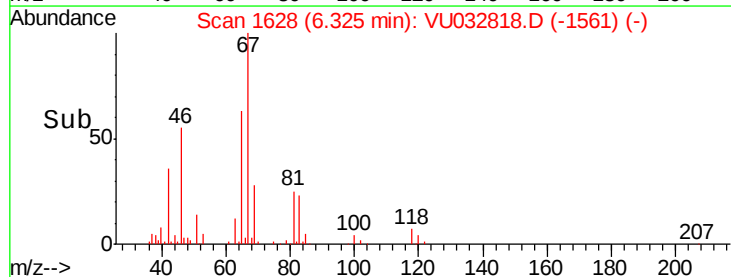
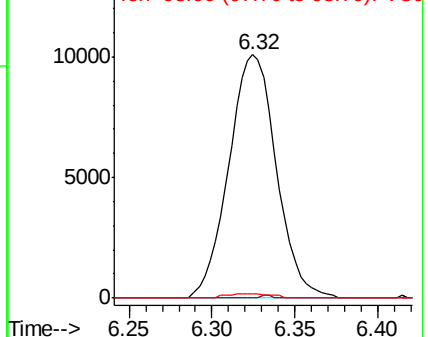
98 1.3 37.4 56.0#

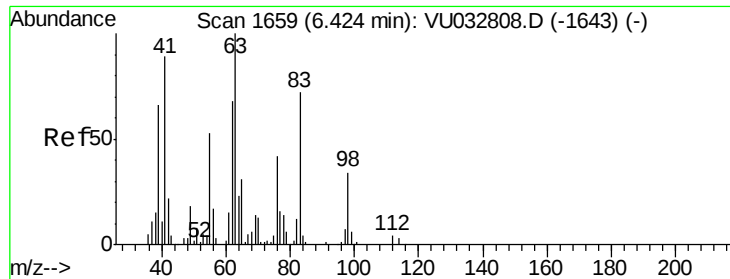


Abundance Ion 83.00 (82.70 to 83.70): VU032818.D (-1561) (-)

Ion 55.00 (54.70 to 55.70): VU032818.D (-1561) (-)

Ion 98.00 (97.70 to 98.70): VU032818.D (-1561) (-)

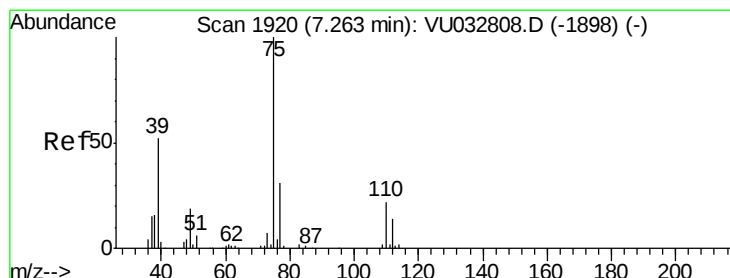
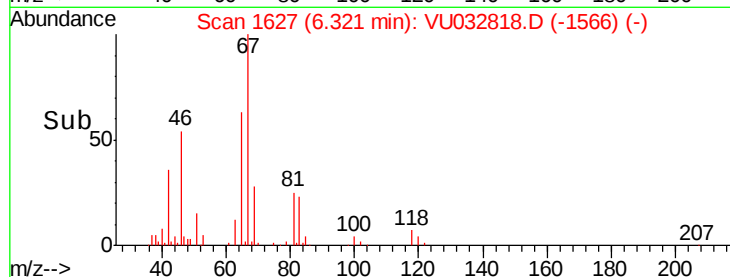
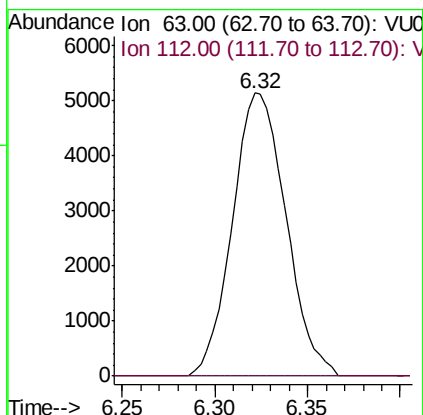
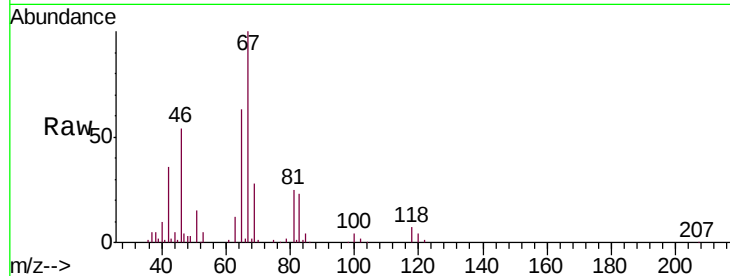




#37
 1,2-Dichloropropane
 Concen: 6.220 ug/L
 RT: 6.32 min Scan# 1627
 Delta R.T. -0.10 min
 Lab File: VU032818.D
 Acq: 18 Jun 2019 12:51

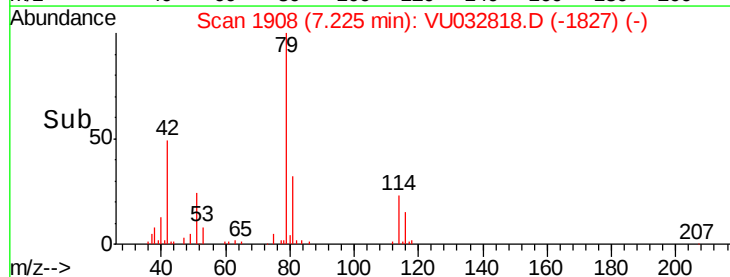
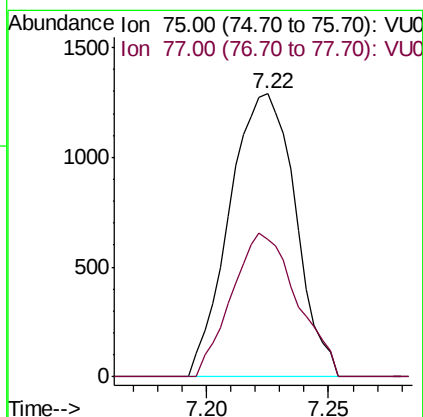
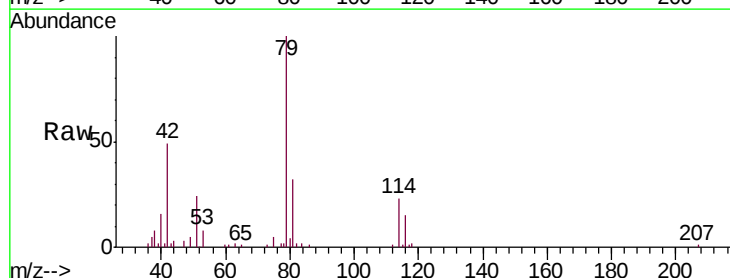
Instrument :
 MSVOA_U
 ClientSampleId :
 C0JR0

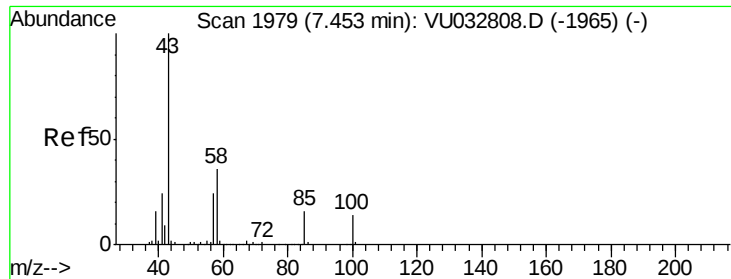
Tgt Ion: 63 Resp: 10296
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.0 4.6#



#39
 cis-1,3-Dichloropropene
 Concen: 0.937 ug/L
 RT: 7.22 min Scan# 1908
 Delta R.T. -0.04 min
 Lab File: VU032818.D
 Acq: 18 Jun 2019 12:51

Tgt Ion: 75 Resp: 2417
 Ion Ratio Lower Upper
 75 100
 77 48.4 21.9 40.7#

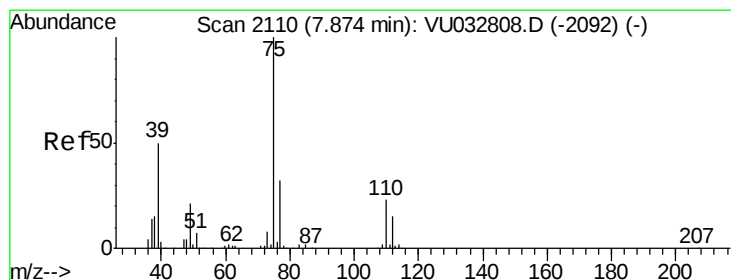
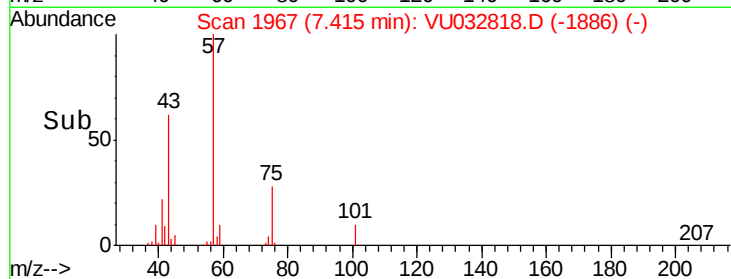
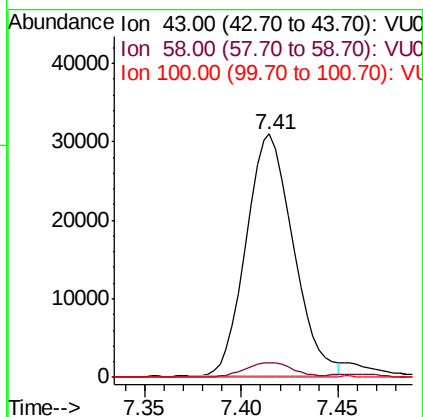
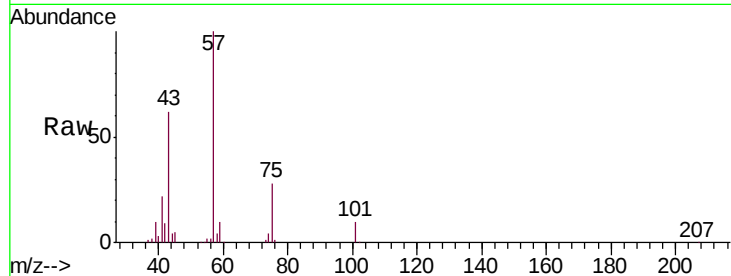




#40
 4-Methyl-2-pentanone
 Concen: 19.879 ug/L
 RT: 7.41 min Scan# 1967
 Delta R.T. -0.04 min
 Lab File: VU032818.D
 Acq: 18 Jun 2019 12:51

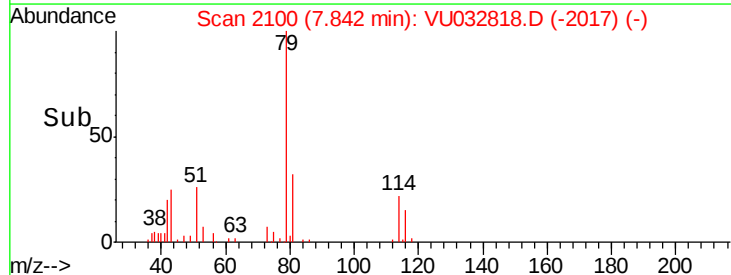
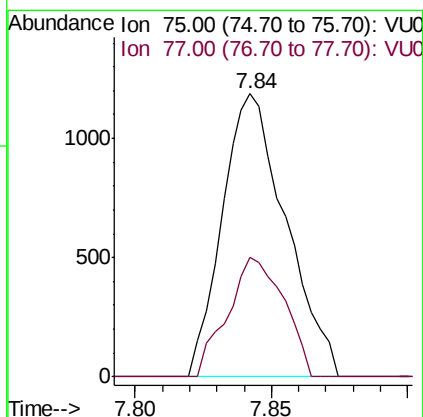
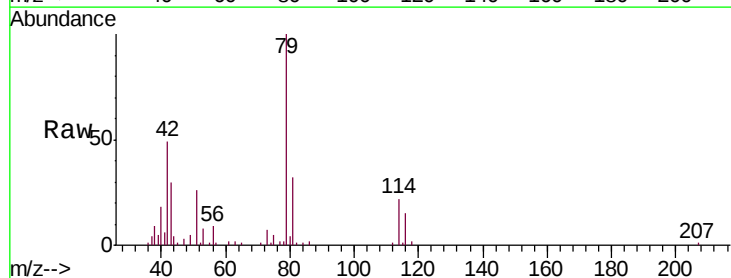
Instrument :
 MSVOA_U
 ClientSampleId :
 C0JR0

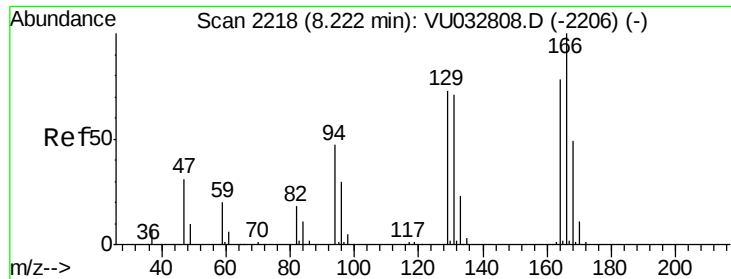
Tgt Ion: 43 Resp: 52534
 Ion Ratio Lower Upper
 43 100
 58 6.1 29.4 44.2#
 100 0.0 11.2 16.8#



#44
 trans-1,3-Dichloropropene
 Concen: 0.794 ug/L
 RT: 7.84 min Scan# 2100
 Delta R.T. -0.03 min
 Lab File: VU032818.D
 Acq: 18 Jun 2019 12:51

Tgt Ion: 75 Resp: 1923
 Ion Ratio Lower Upper
 75 100
 77 42.4 21.8 40.4#





#46

Tetrachloroethene

Concen: 1.468 ug/L

RT: 8.22 min Scan# 2218

Delta R.T. 0.00 min

Lab File: VU032818.D

Acq: 18 Jun 2019 12:51

Instrument :

MSVOA_U

ClientSampleId :

C0JR0

Tgt Ion:164 Resp: 1940

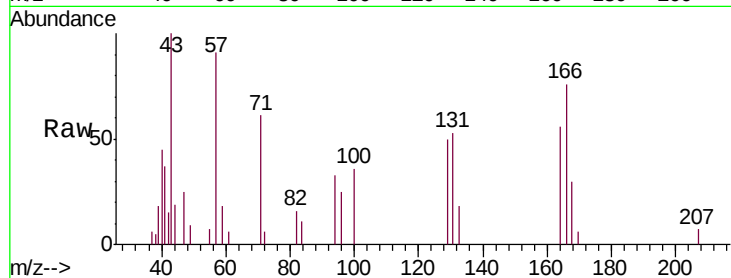
Ion Ratio Lower Upper

164 100

129 89.3 64.8 120.3

131 94.2 64.5 119.7

166 136.0 91.3 169.6



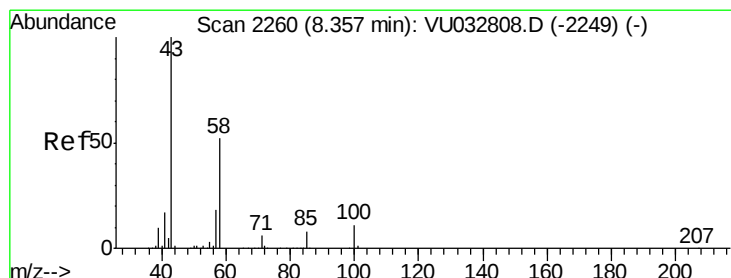
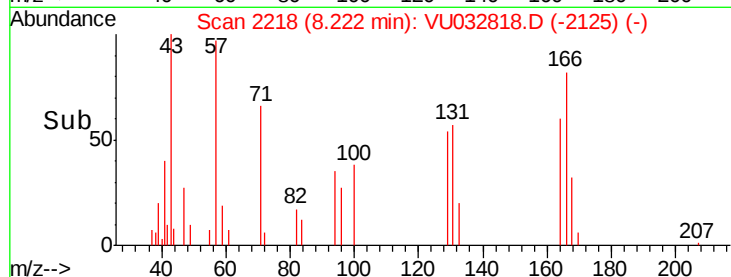
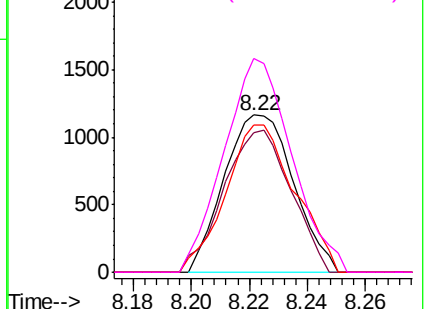
Abundance

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: 7.752 ug/L

RT: 8.31 min Scan# 2244

Delta R.T. -0.05 min

Lab File: VU032818.D

Acq: 18 Jun 2019 12:51

Tgt Ion: 43 Resp: 18075

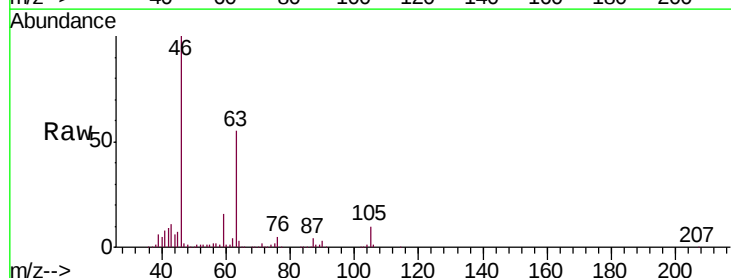
Ion Ratio Lower Upper

43 100

58 16.9 40.2 60.2#

57 14.5 14.2 21.4

100 0.0 8.4 12.6#



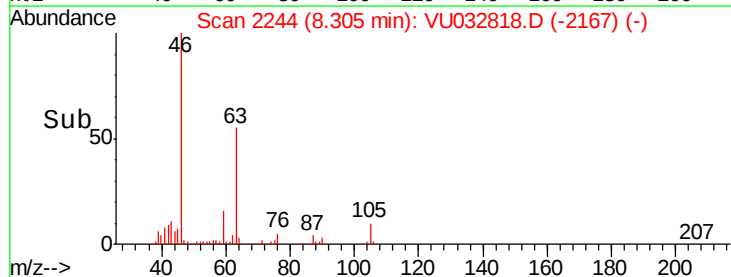
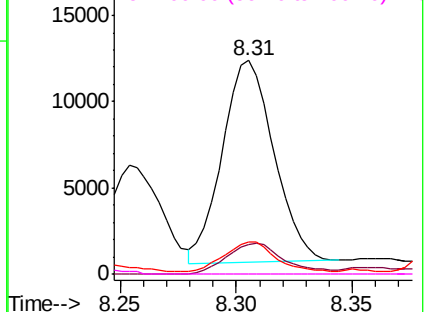
Abundance

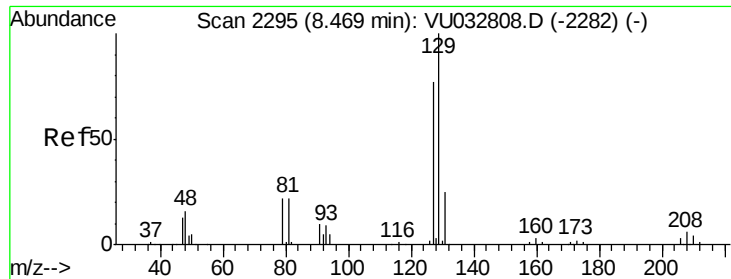
Ion 43.00 (42.70 to 43.70): VU0

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





#49

Dibromochloromethane

Concen: 0.911 ug/L

RT: 8.22 min Scan# 2219

Delta R.T. -0.24 min

Lab File: VU032818.D

Acq: 18 Jun 2019 12:51

Instrument :

MSVOA_U

ClientSampleId :

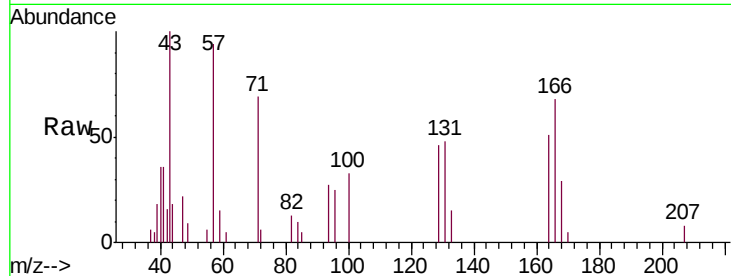
C0JR0

Tgt Ion:129 Resp: 1692

Ion Ratio Lower Upper

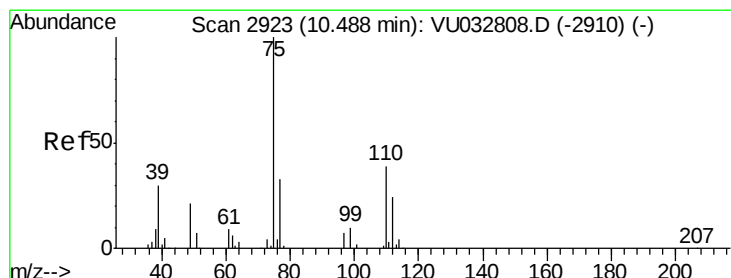
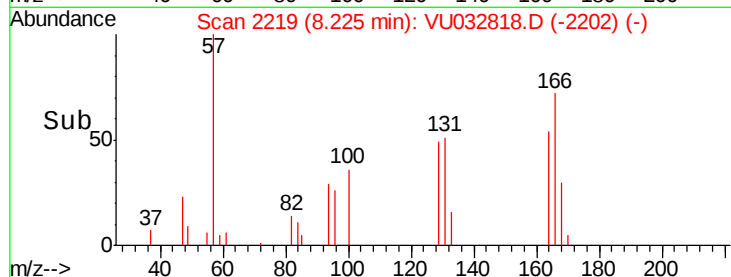
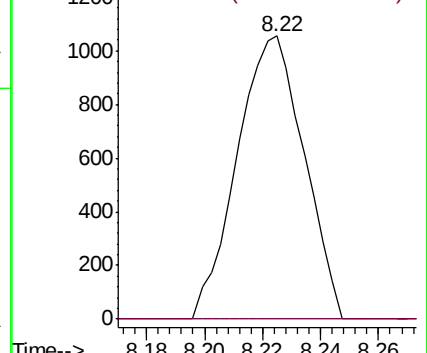
129 100

127 0.0 52.3 97.1#



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#59

1,2,3-Trichloropropane

Concen: 5.745 ug/L

RT: 11.48 min Scan# 3231

Delta R.T. 0.99 min

Lab File: VU032818.D

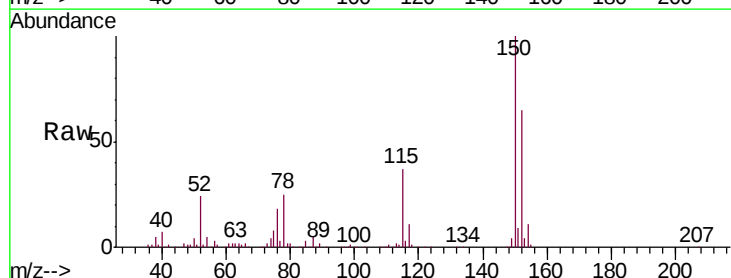
Acq: 18 Jun 2019 12:51

Tgt Ion: 75 Resp: 12692

Ion Ratio Lower Upper

75 100

77 40.3 25.5 38.3#



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

