

Data File : VU032125.D
Acq On : 18 May 2019 02:07
Operator : JC/SP
Sample : K2860-19
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 29 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
F9W53

Quant Time: May 18 05:48:59 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR051619WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat May 18 05:45:56 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	353508	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	367636	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	143290	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	109232	3.67	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	73.40%
7) Chloroethane-d5	1.68	69	93257	3.67	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	73.40%
11) 1,1-Dichloroethene-d2	2.27	63	154389	3.25	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.00%
20) 2-Butanone-d5	4.21	46	261525	44.74	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	89.48%
24) Chloroform-d	4.64	84	215111	4.11	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.20%
26) 1,2-Dichloroethane-d4	5.31	65	109686	4.06	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.20%
32) Benzene-d6	5.33	84	429087	3.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	76.60%
36) 1,2-Dichloropropane-d6	6.33	67	125631	3.83	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	76.60%
41) Toluene-d8	7.56	98	356238	3.61	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	72.20%
43) trans-1,3-Dichloropropene-	7.85	79	42713	3.62	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	72.40%
46) 2-Hexanone-d5	8.32	63	222017	41.66	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	83.32%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	116600	4.35	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	87.00%
64) 1,2-Dichlorobenzene-d4	11.86	152	140105	4.61	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.20%

Target Compounds

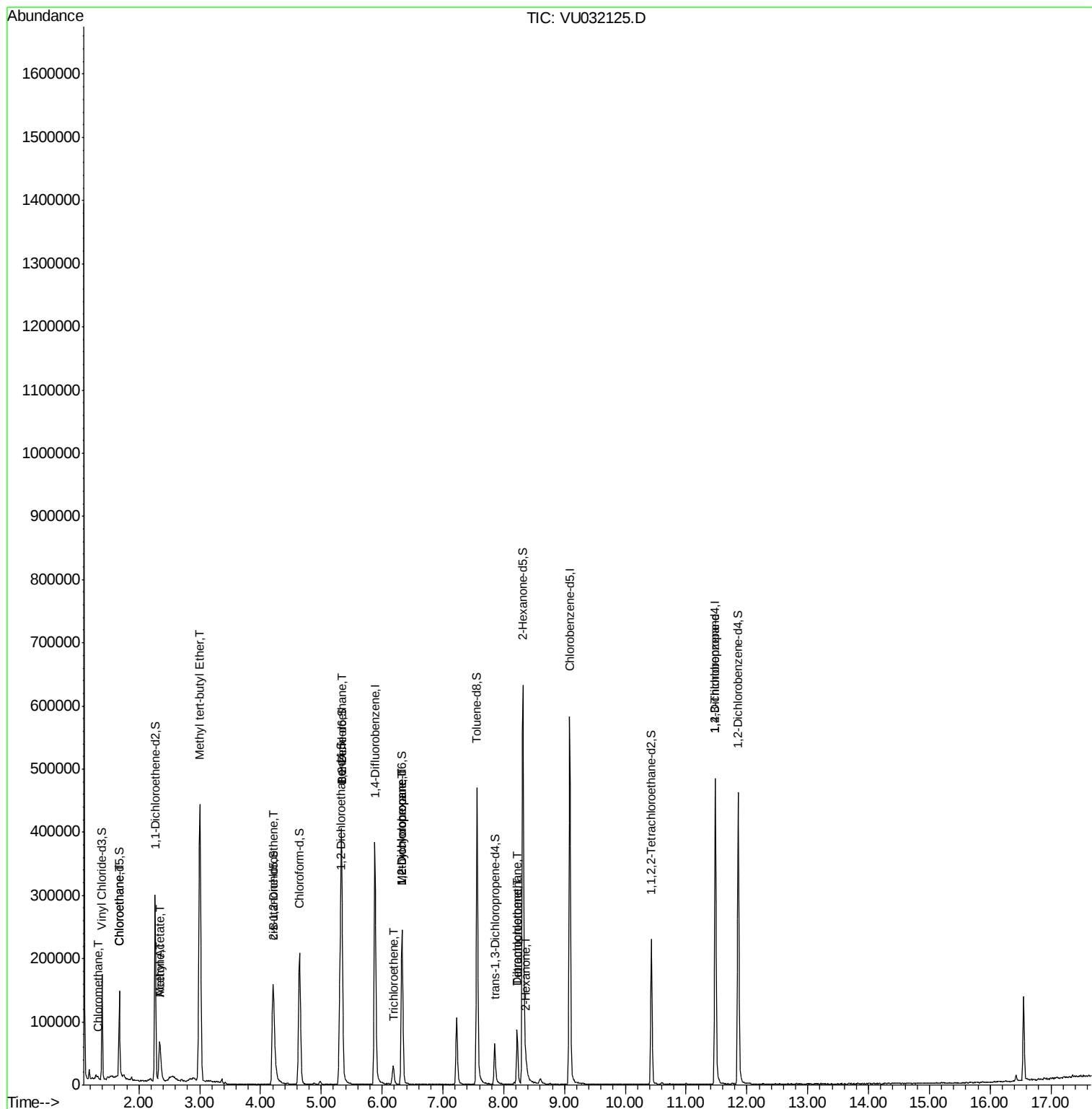
					Qvalue
3) Chloromethane	1.33	50	2726	0.161 ug/L	87
8) Chloroethane	1.68	64	894	0.081 ug/L #	61
13) Acetone	2.34	43	89093	46.421 ug/L	100
15) Methyl Acetate	2.34	43	80579	14.643 ug/L #	42
17) Methyl tert-butyl Ether	3.00	73	517917	15.518 ug/L	97
22) cis-1,2-Dichloroethene	4.22	96	3340	0.223 ug/L	98
27) 1,2-Dichloroethane	5.33	62	2433	0.163 ug/L #	73
34) Trichloroethene	6.18	95	10442	0.682 ug/L	86
35) Methylcyclohexane	6.32	83	33376	1.514 ug/L #	20
37) 1,2-Dichloropropane	6.32	63	13809	1.000 ug/L #	87
47) Tetrachloroethene	8.22	164	23066	2.015 ug/L	95
48) 2-Hexanone	8.37	43	13672	2.755 ug/L #	43
49) Dibromochloromethane	8.22	129	19265	1.640 ug/L #	10
59) 1,2,3-Trichloropropane	11.48	75	14721	1.679 ug/L #	88

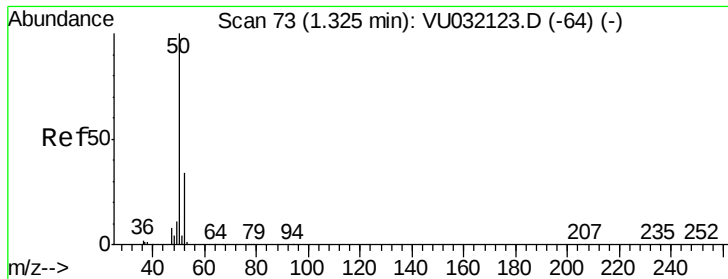
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.161 ug/L

RT: 1.33 min Scan# 73

Delta R.T. 0.00 min

Lab File: VU032125.D

Acq: 18 May 2019 02:07

Instrument :

MSVOA_U

ClientSampleId :

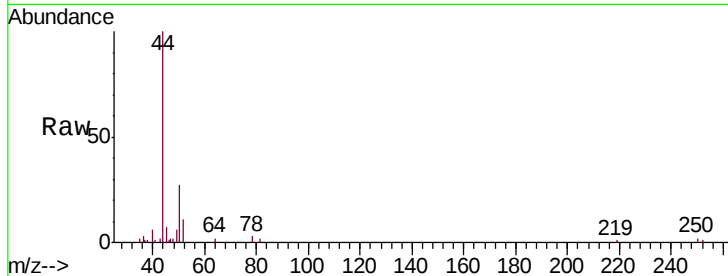
F9W53

Tgt Ion: 50 Resp: 2726

Ion Ratio Lower Upper

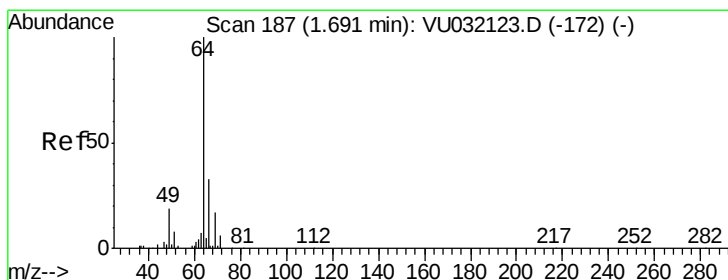
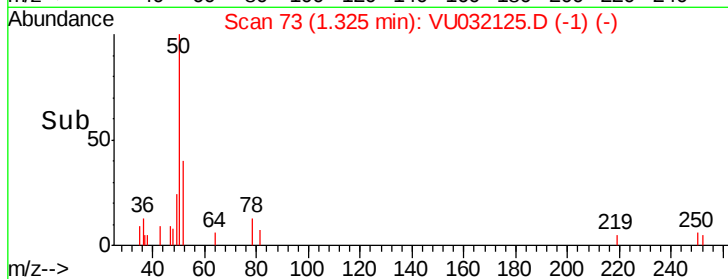
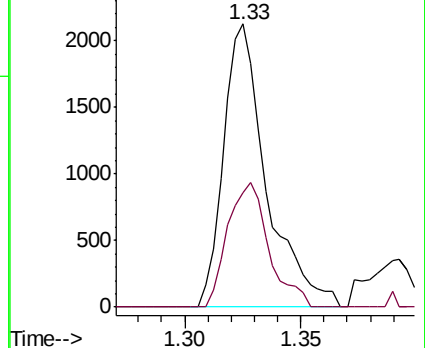
50 100

52 40.4 23.2 43.0



Abundance Ion 50.05 (49.75 to 50.75): VU032123.D (-64) (-)

Ion 52.05 (51.75 to 52.75): VU032123.D (-64) (-)



#8

Chloroethane

Concen: 0.081 ug/L

RT: 1.68 min Scan# 182

Delta R.T. -0.02 min

Lab File: VU032125.D

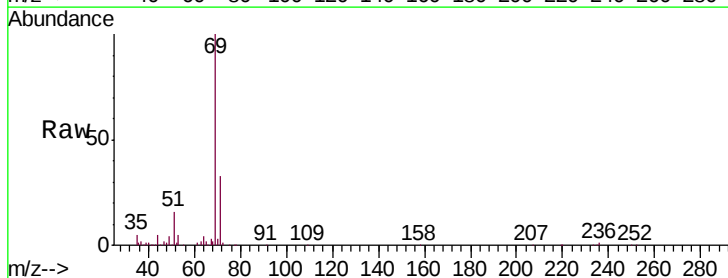
Acq: 18 May 2019 02:07

Tgt Ion: 64 Resp: 894

Ion Ratio Lower Upper

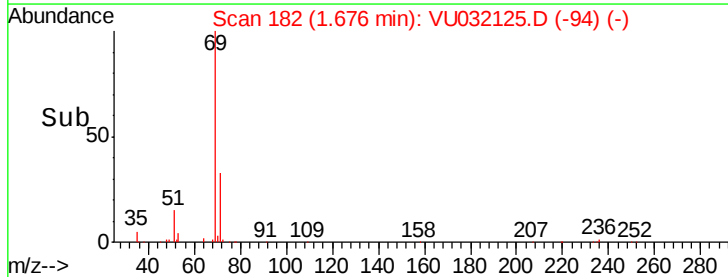
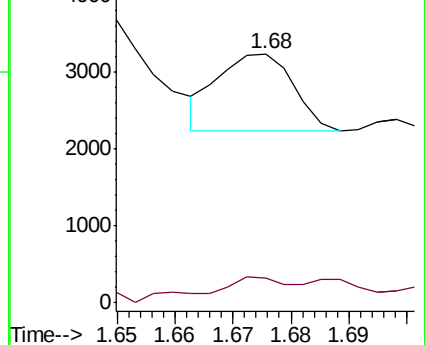
64 100

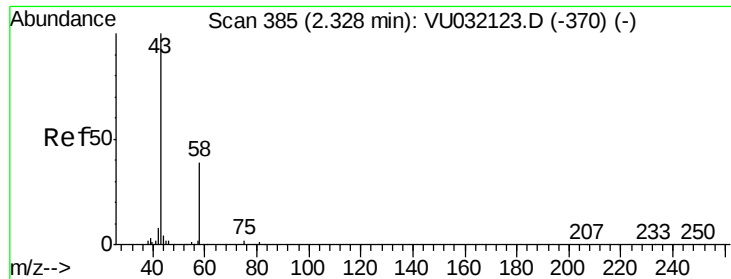
66 10.0 22.0 41.0#



Abundance Ion 64.10 (63.80 to 64.80): VU032123.D (-172) (-)

Ion 66.05 (65.75 to 66.75): VU032123.D (-172) (-)





#13

Acetone

Concen: 46.421 ug/L

RT: 2.34 min Scan# 389

Delta R.T. 0.01 min

Lab File: VU032125.D

Acq: 18 May 2019 02:07

Instrument :

MSVOA_U

ClientSampleId :

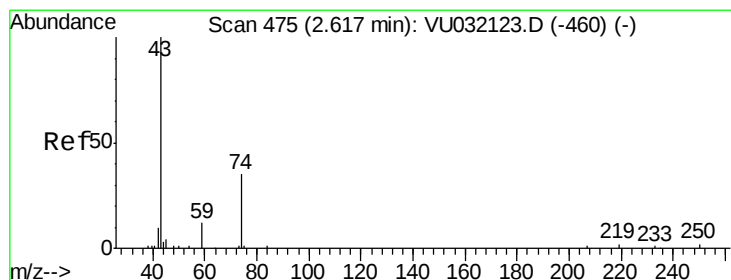
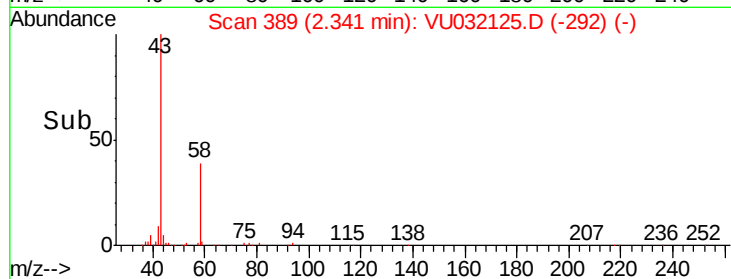
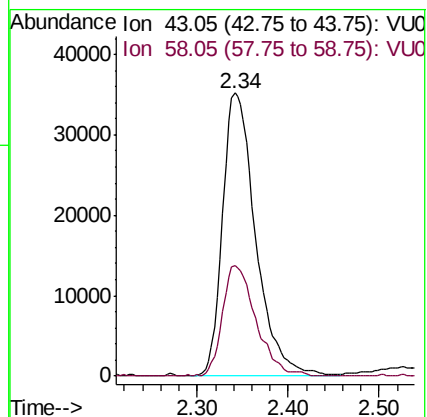
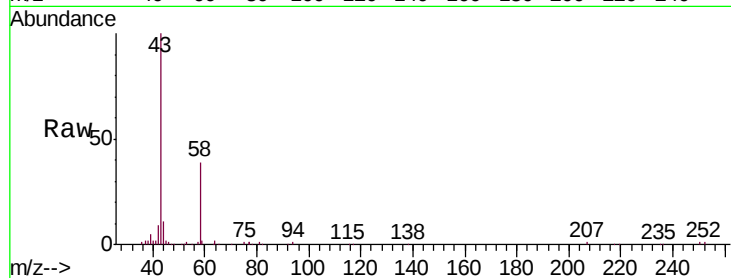
F9W53

Tgt Ion: 43 Resp: 89093

Ion Ratio Lower Upper

43 100

58 39.4 0.0 78.8



#15

Methyl Acetate

Concen: 14.643 ug/L

RT: 2.34 min Scan# 389

Delta R.T. -0.28 min

Lab File: VU032125.D

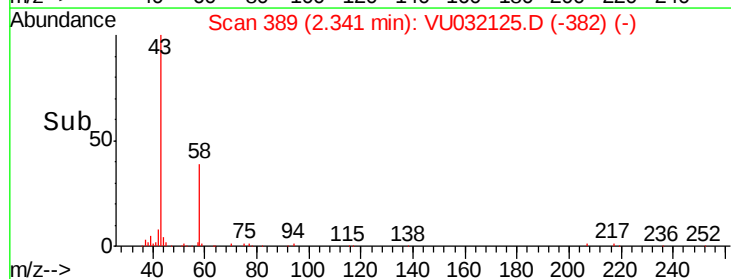
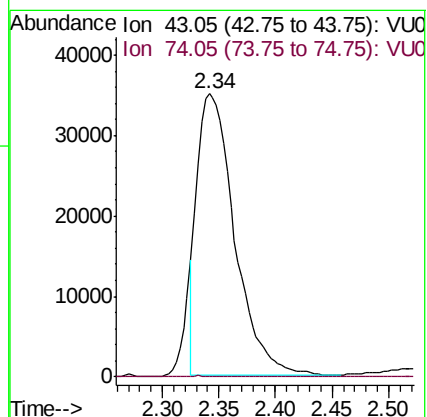
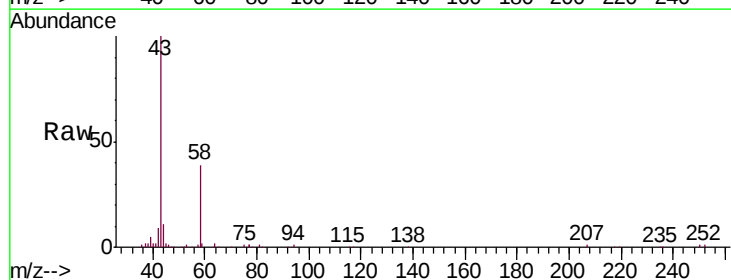
Acq: 18 May 2019 02:07

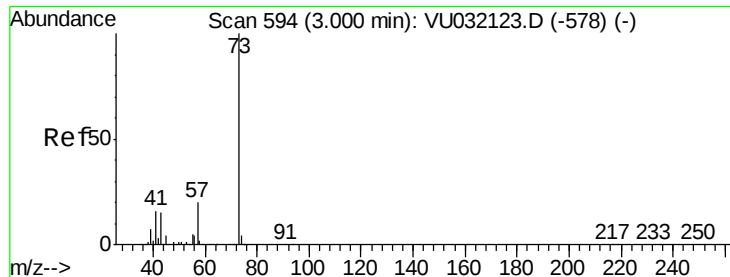
Tgt Ion: 43 Resp: 80579

Ion Ratio Lower Upper

43 100

74 0.1 26.4 39.6#





#17

Methyl tert-butyl Ether

Concen: 15.518 ug/L

RT: 3.00 min Scan# 595

Delta R.T. 0.00 min

Lab File: VU032125.D

Acq: 18 May 2019 02:07

Instrument :

MSVOA_U

ClientSampleId :

F9W53

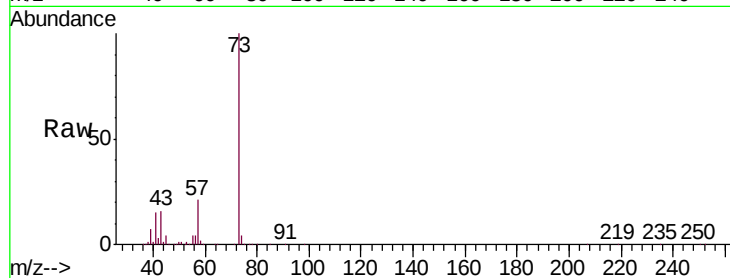
Tgt Ion: 73 Resp: 517917

Ion Ratio Lower Upper

73 100

43 15.7 13.0 19.6

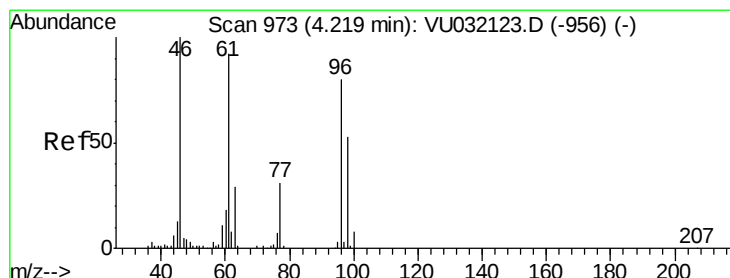
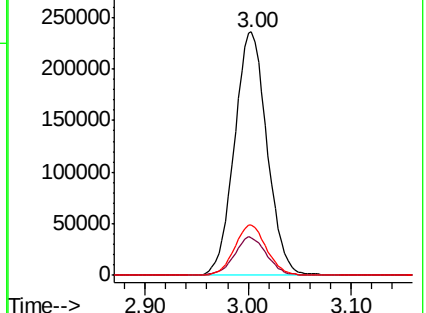
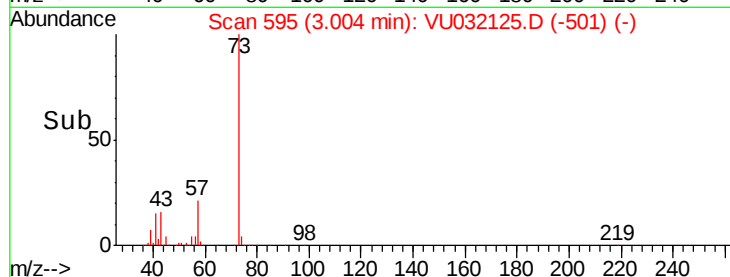
57 20.1 17.9 26.9



Abundance Ion 73.10 (72.80 to 73.80): VU0

Ion 43.05 (42.75 to 43.75): VU0

Ion 57.10 (56.80 to 57.80): VU0



#22

cis-1,2-Dichloroethene

Concen: 0.223 ug/L

RT: 4.22 min Scan# 972

Delta R.T. -0.00 min

Lab File: VU032125.D

Acq: 18 May 2019 02:07

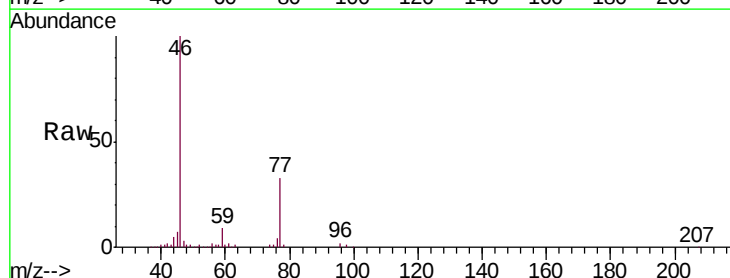
Tgt Ion: 96 Resp: 3340

Ion Ratio Lower Upper

96 100

61 120.2 85.8 159.4

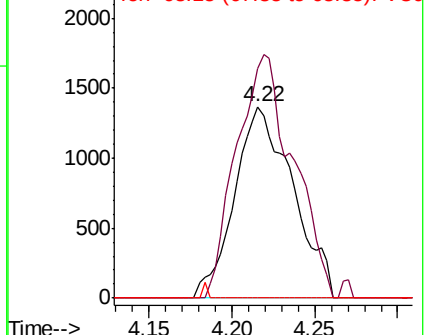
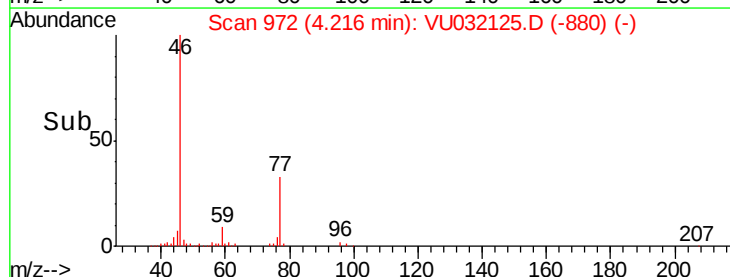
68 0.0 0.0 0.0

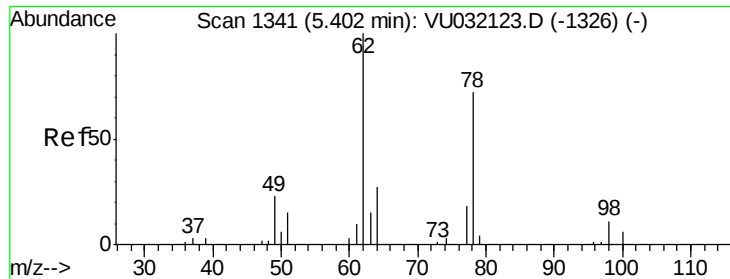


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.05 (60.75 to 61.75): VU0

Ion 68.15 (67.85 to 68.85): VU0





#27

1,2-Dichloroethane

Concen: 0.163 ug/L

RT: 5.33 min Scan# 1318

Delta R.T. -0.07 min

Lab File: VU032125.D

Acq: 18 May 2019 02:07

Instrument :

MSVOA_U

ClientSampleId :

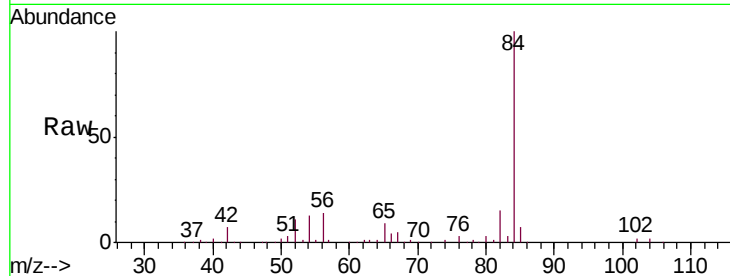
F9W53

Tgt Ion: 62 Resp: 2433

Ion Ratio Lower Upper

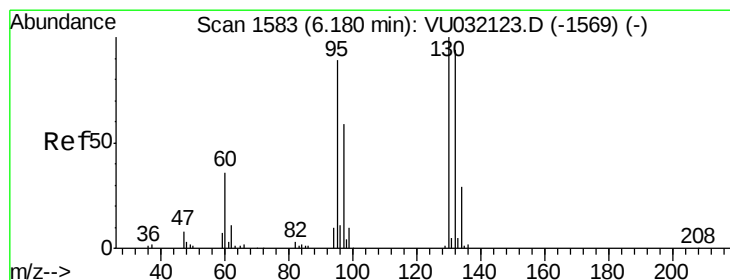
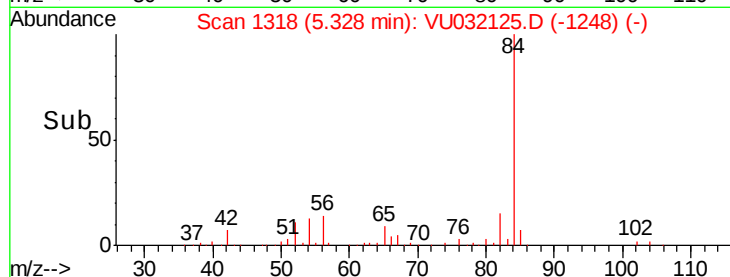
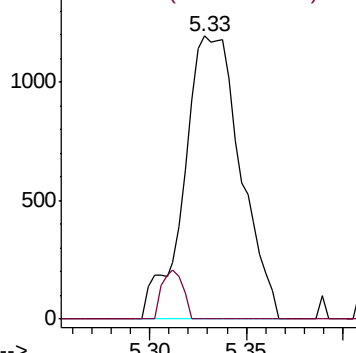
62 100

98 0.0 8.0 12.0#



Abundance Ion 62.00 (61.70 to 62.70): VU032125.D (-1326) (-)

Ion 98.05 (97.75 to 98.75): VU032125.D (-1326) (-)



#34

Trichloroethene

Concen: 0.682 ug/L

RT: 6.18 min Scan# 1584

Delta R.T. 0.00 min

Lab File: VU032125.D

Acq: 18 May 2019 02:07

Tgt Ion: 95 Resp: 10442

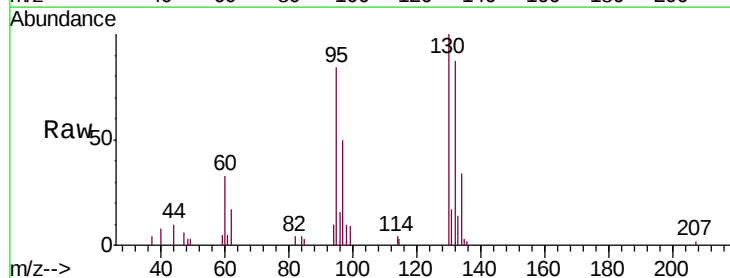
Ion Ratio Lower Upper

95 100

97 60.0 45.2 84.0

132 103.1 66.1 122.7

130 118.9 66.7 123.9

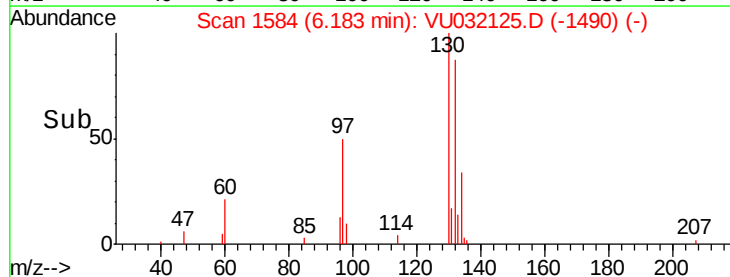
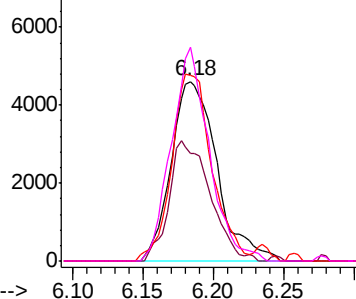


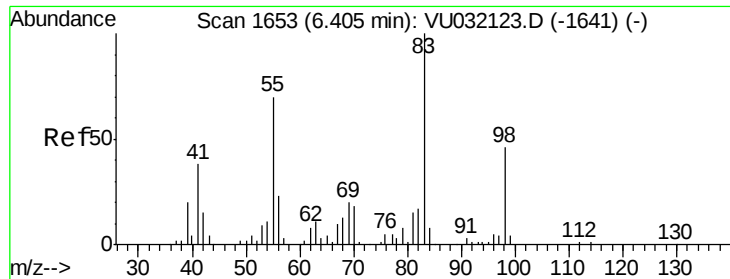
Abundance Ion 95.00 (94.70 to 95.70): VU032125.D (-1490) (-)

Ion 96.95 (96.65 to 97.65): VU032125.D (-1490) (-)

Ion 131.95 (131.65 to 132.65): VU032125.D (-1490) (-)

Ion 129.95 (129.65 to 130.65): VU032125.D (-1490) (-)

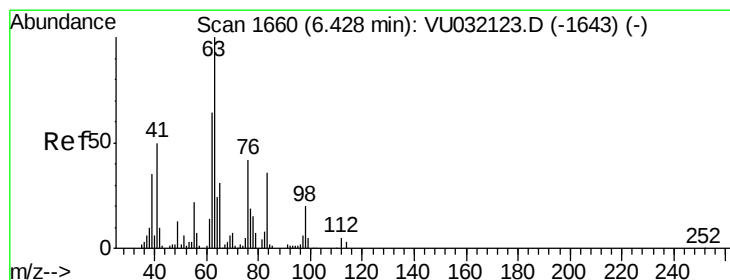
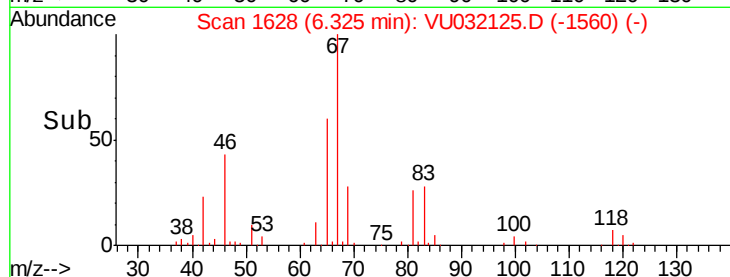
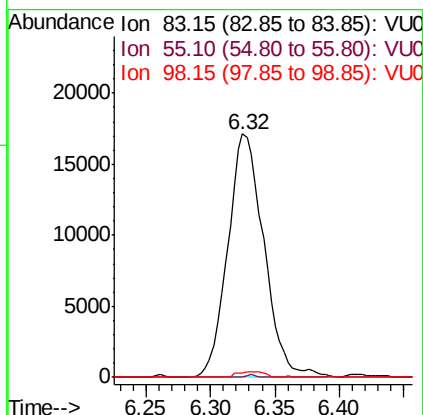
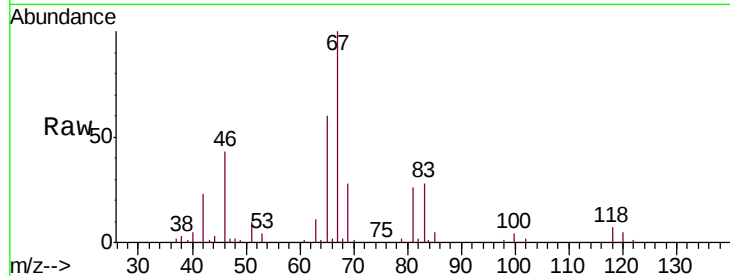




#35
Methylcyclohexane
Concen: 1.514 ug/L
RT: 6.32 min Scan# 1628
Delta R.T. -0.08 min
Lab File: VU032125.D
Acq: 18 May 2019 02:07

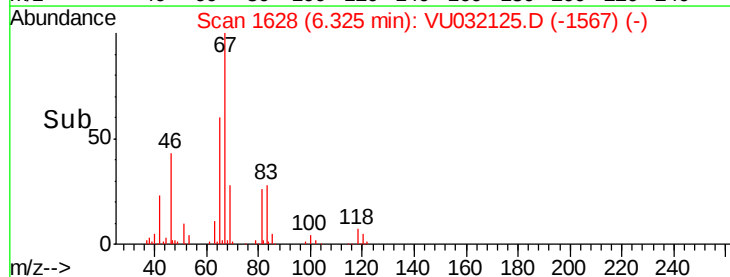
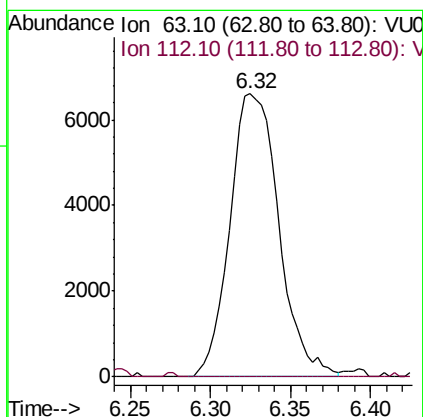
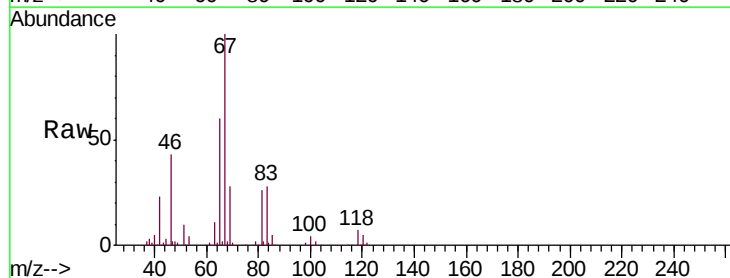
Instrument :
MSVOA_U
ClientSampleId :
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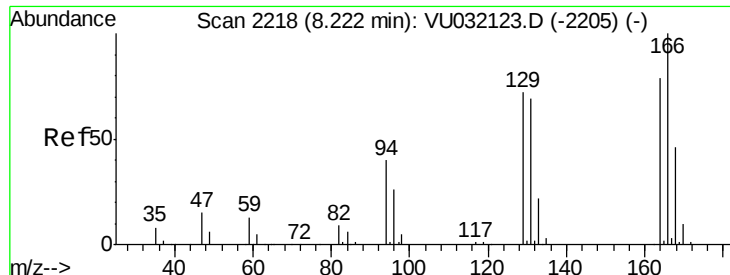
Tgt Ion: 83 Resp: 33376
Ion Ratio Lower Upper
83 100
55 0.2 59.7 89.5#
98 1.7 36.8 55.2#



#37
1,2-Dichloropropane
Concen: 1.000 ug/L
RT: 6.32 min Scan# 1628
Delta R.T. -0.10 min
Lab File: VU032125.D
Acq: 18 May 2019 02:07

Tgt Ion: 63 Resp: 13809
Ion Ratio Lower Upper
63 100
112 0.3 3.8 5.6#





#47

Tetrachloroethene

Concen: 2.015 ug/L

RT: 8.22 min Scan# 2218

Delta R.T. 0.00 min

Lab File: VU032125.D

Acq: 18 May 2019 02:07

Instrument :

MSVOA_U

ClientSampled :

F9W53

Tgt Ion:164 Resp: 23066

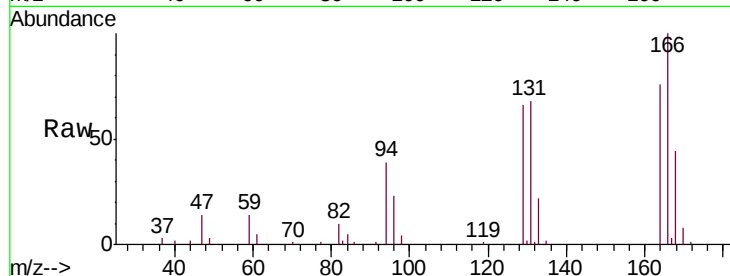
Ion Ratio Lower Upper

164 100

129 86.8 70.3 130.5

131 88.9 64.5 119.9

166 131.4 92.3 171.5

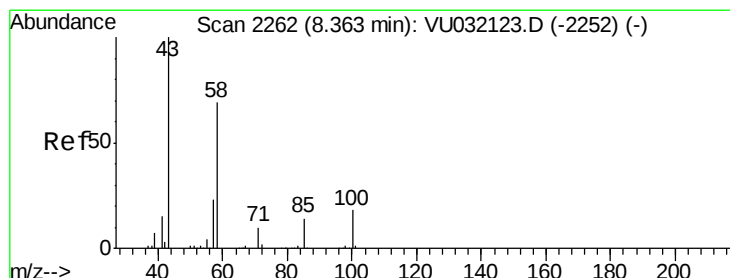
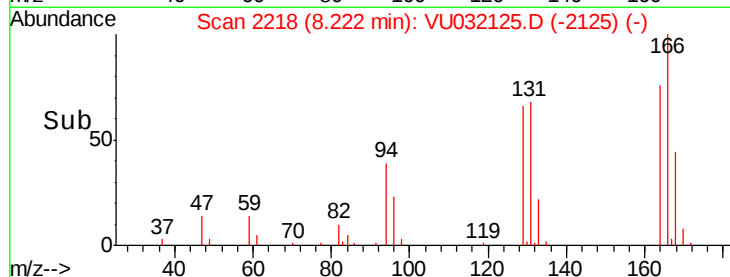
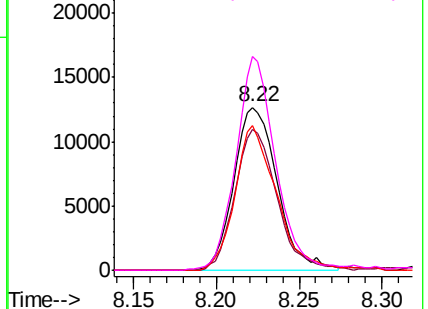


Abundance Ion 163.90 (163.60 to 164.60): V

Ion 128.95 (128.65 to 129.65): V

Ion 130.95 (130.65 to 131.65): V

Ion 165.90 (165.60 to 166.60): V



#48

2-Hexanone

Concen: 2.755 ug/L

RT: 8.37 min Scan# 2265

Delta R.T. 0.01 min

Lab File: VU032125.D

Acq: 18 May 2019 02:07

Tgt Ion: 43 Resp: 13672

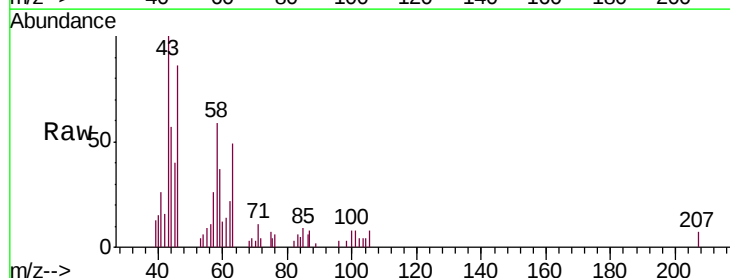
Ion Ratio Lower Upper

43 100

58 11.8 51.6 77.4#

57 0.0 18.4 27.6#

100 2.8 12.2 18.4#

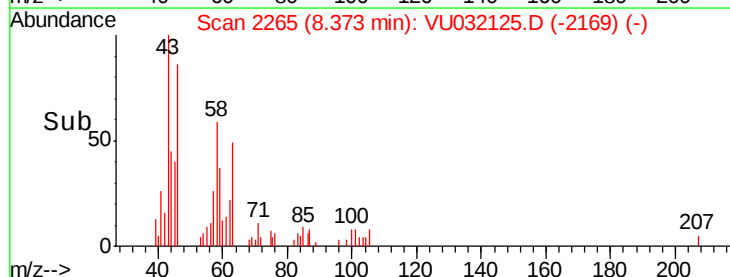
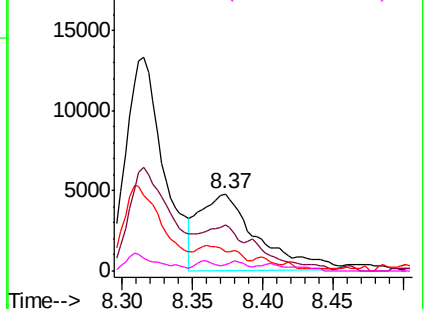


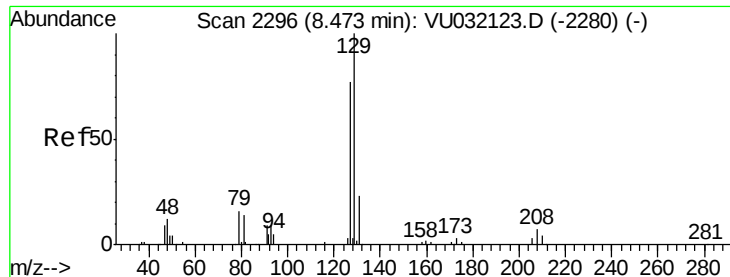
Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0

Ion 57.20 (56.90 to 57.90): VU0

Ion 100.15 (99.85 to 100.85): VU0





#49

Dibromochloromethane

Concen: 1.640 ug/L

RT: 8.22 min Scan# 2218

Delta R.T. -0.25 min

Lab File: VU032125.D

Acq: 18 May 2019 02:07

Instrument :

MSVOA_U

ClientSampleId :

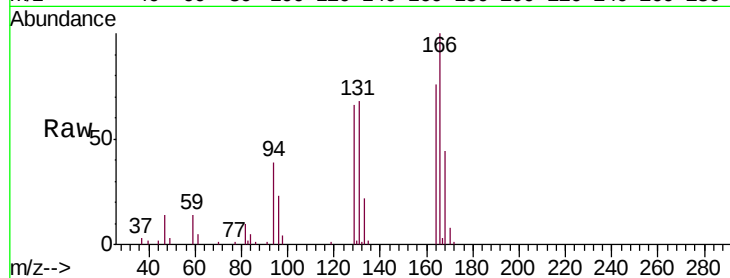
F9W53

Tgt Ion:129 Resp: 19265

Ion Ratio Lower Upper

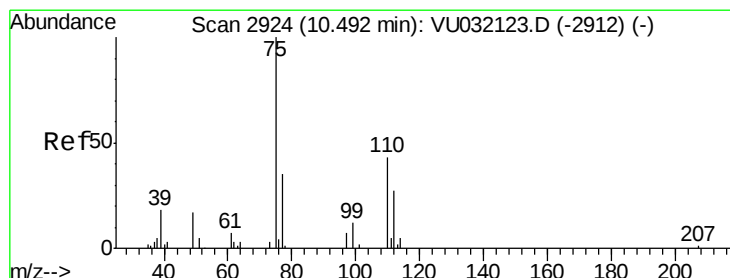
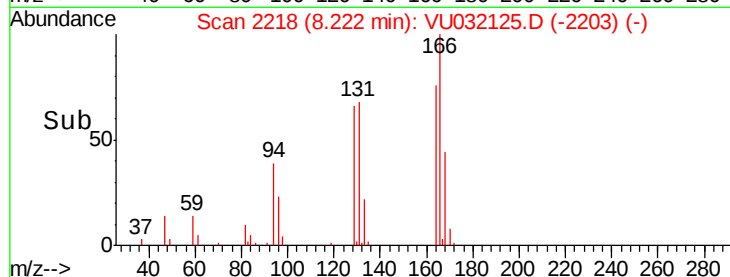
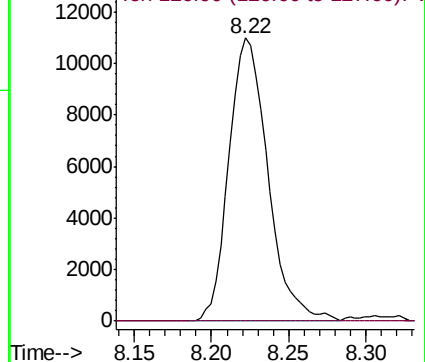
129 100

127 0.0 55.2 102.6#



Abundance Ion 128.95 (128.65 to 129.65): V

Ion 126.90 (126.60 to 127.60): V



#59

1,2,3-Trichloropropane

Concen: 1.679 ug/L

RT: 11.48 min Scan# 3231

Delta R.T. 0.99 min

Lab File: VU032125.D

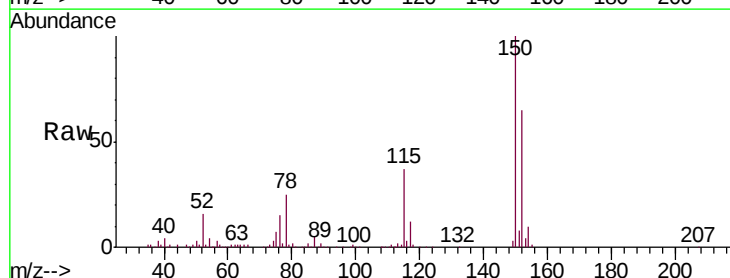
Acq: 18 May 2019 02:07

Tgt Ion: 75 Resp: 14721

Ion Ratio Lower Upper

75 100

77 39.4 26.2 39.2#



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

