

Data File : VU032127.D
Acq On : 18 May 2019 02:56
Operator : JC/SP
Sample : K2860-02
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 31 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
F9W29

Quant Time: May 18 05:49:22 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	358014	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	365278	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	147389	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	109214	3.62	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	72.40%
7) Chloroethane-d5	1.68	69	98690	3.83	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	76.60%
11) 1,1-Dichloroethene-d2	2.27	63	159879	3.33	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	66.60%
20) 2-Butanone-d5	4.20	46	264808	44.73	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	89.46%
24) Chloroform-d	4.64	84	219765	4.14	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.80%
26) 1,2-Dichloroethane-d4	5.31	65	115132	4.21	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.20%
32) Benzene-d6	5.33	84	445413	4.00	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.00%
36) 1,2-Dichloropropane-d6	6.33	67	133770	4.11	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	82.20%
41) Toluene-d8	7.56	98	362933	3.70	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	74.00%
43) trans-1,3-Dichloropropene-	7.85	79	44272	3.78	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	75.60%
46) 2-Hexanone-d5	8.31	63	230352	43.51	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	87.02%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	118179	4.44	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	88.80%
64) 1,2-Dichlorobenzene-d4	11.86	152	145959	4.67	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.40%

Target Compounds

					Qvalue
3) Chloromethane	1.33	50	3183	0.185 ug/L	98
12) 1,1-Dichloroethene	2.27	96	2000	0.139 ug/L #	1
13) Acetone	2.33	43	104317	53.669 ug/L	96
14) Carbon disulfide	2.47	76	5782	0.126 ug/L #	87
15) Methyl Acetate	2.33	43	77756	13.952 ug/L #	42
17) Methyl tert-butyl Ether	3.00	73	397071	11.747 ug/L	96
22) cis-1,2-Dichloroethene	4.21	96	2167	0.143 ug/L	88
34) Trichloroethene	6.18	95	7847	0.516 ug/L	87
35) Methylcyclohexane	6.33	83	32466	1.482 ug/L #	20
37) 1,2-Dichloropropane	6.33	63	14366	1.048 ug/L #	87
39) cis-1,3-Dichloropropene	7.23	75	2686	0.142 ug/L #	48
44) trans-1,3-Dichloropropene	7.86	75	1846	0.125 ug/L	88
47) Tetrachloroethene	8.23	164	22243	1.956 ug/L	93
48) 2-Hexanone	8.36	43	8701	1.764 ug/L #	88
49) Dibromochloromethane	8.22	129	20148	1.726 ug/L #	10
59) 1,2,3-Trichloropropane	11.48	75	15119	1.736 ug/L	95

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU051719\
Quantitation Report (Not Reviewed)

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QLast Update : Sat May 18 05:45:56 2019
Response via : Initial Calibration

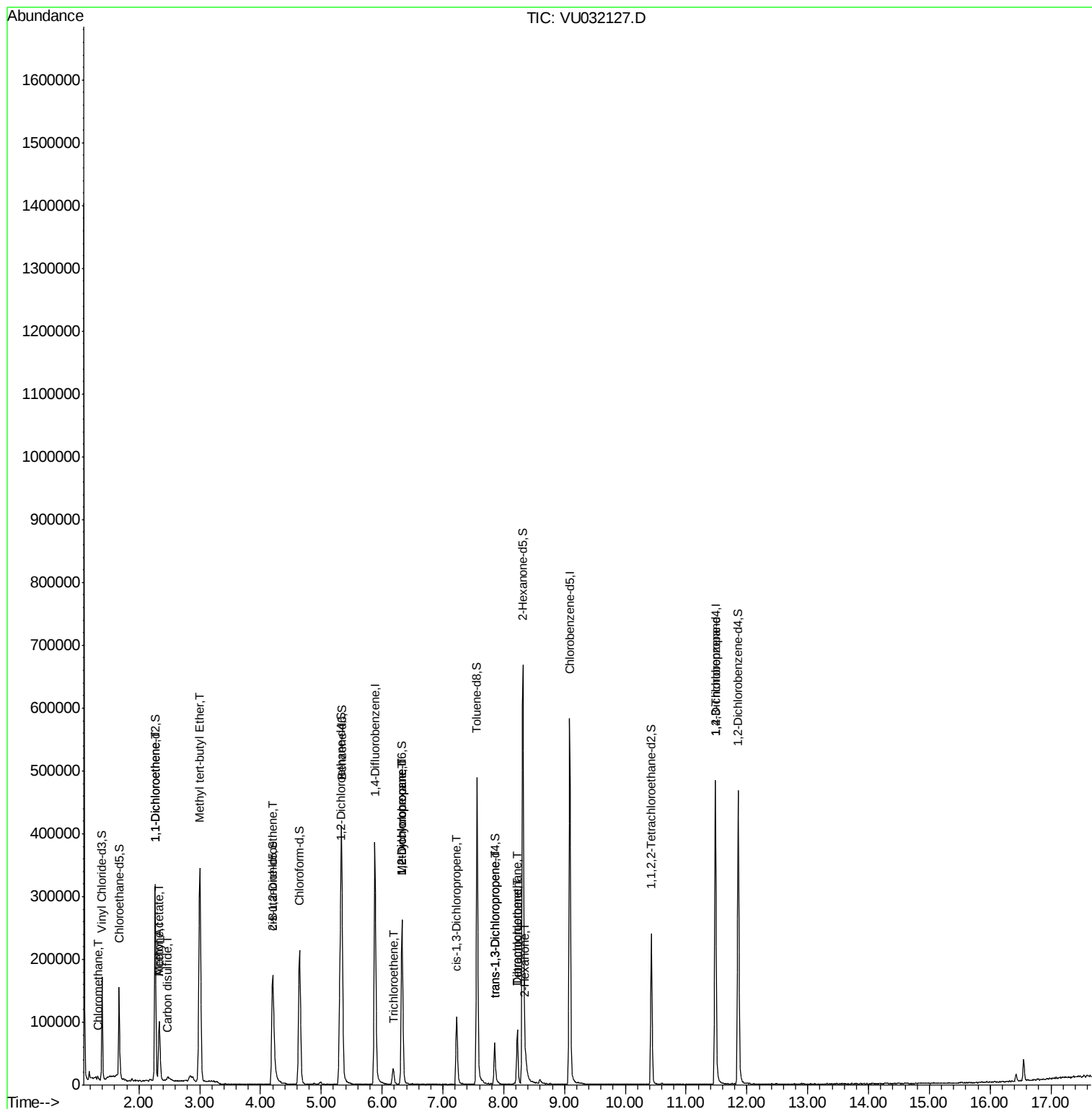
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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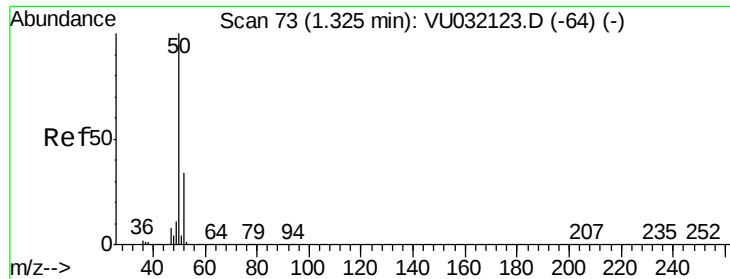
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.185 ug/L

RT: 1.33 min Scan# 73

Delta R.T. 0.00 min

Lab File: VU032127.D

Acq: 18 May 2019 02:56

Instrument :

MSVOA_U

ClientSampleId :

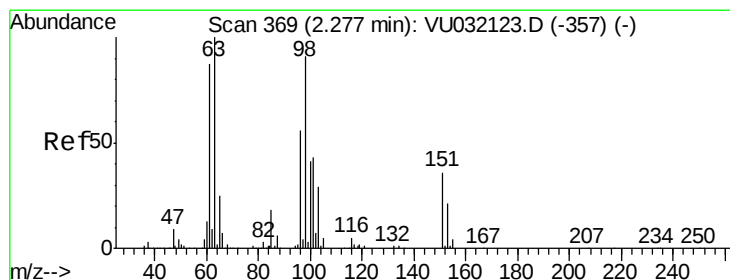
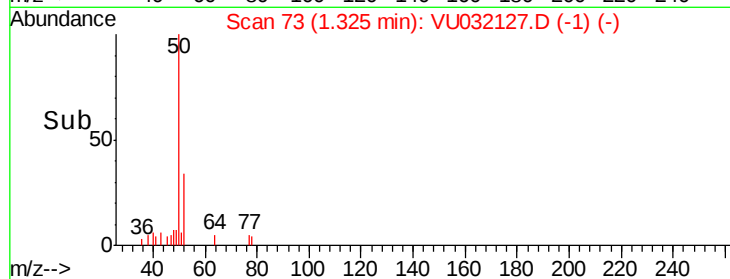
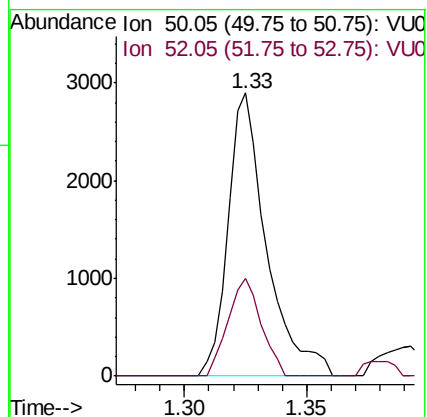
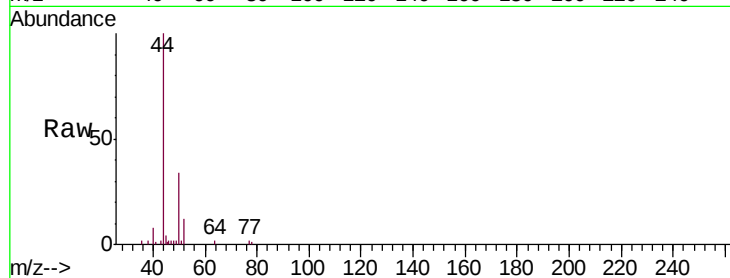
F9W29

Tgt Ion: 50 Resp: 3183

Ion Ratio Lower Upper

50 100

52 34.4 23.2 43.0



#12

1,1-Dichloroethene

Concen: 0.139 ug/L

RT: 2.27 min Scan# 368

Delta R.T. -0.00 min

Lab File: VU032127.D

Acq: 18 May 2019 02:56

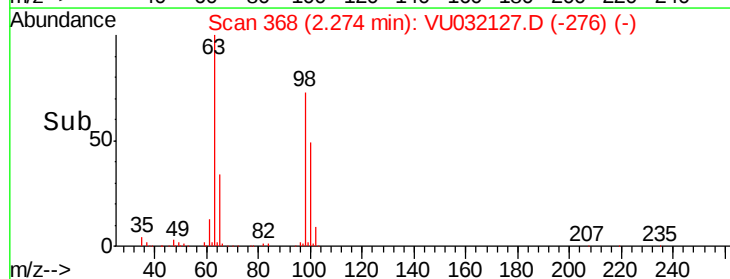
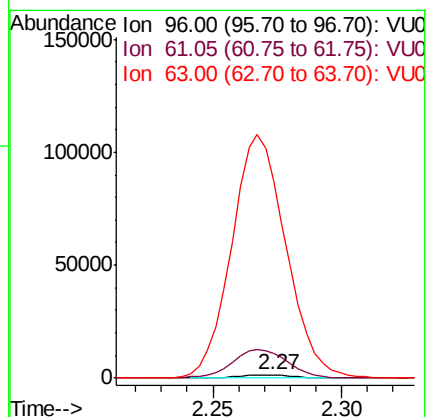
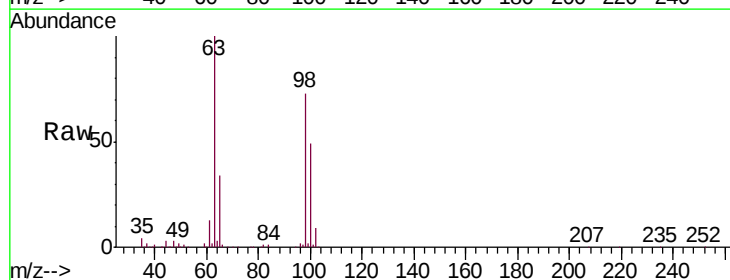
Tgt Ion: 96 Resp: 2000

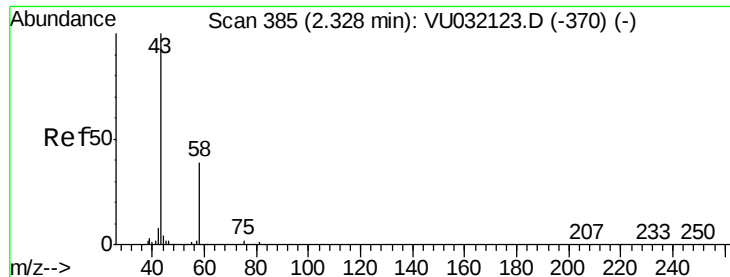
Ion Ratio Lower Upper

96 100

61 822.6 111.7 207.5#

63 6572.7 152.2 282.6#





#13

Acetone

Concen: 53.669 ug/L

RT: 2.33 min Scan# 387

Delta R.T. 0.01 min

Lab File: VU032127.D

Acq: 18 May 2019 02:56

Instrument :

MSVOA_U

ClientSampleId :

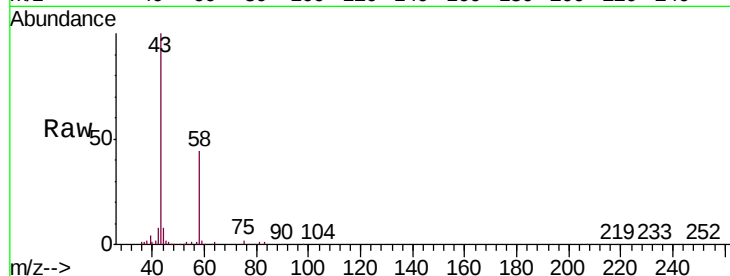
F9W29

Tgt Ion: 43 Resp: 104317

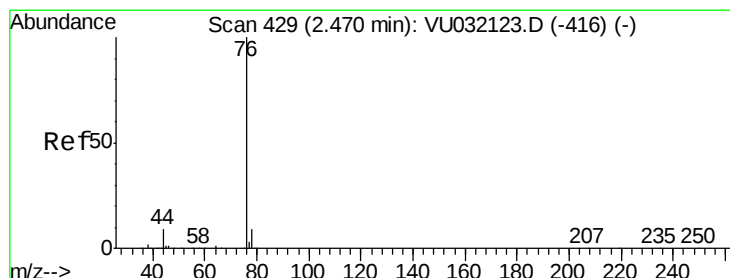
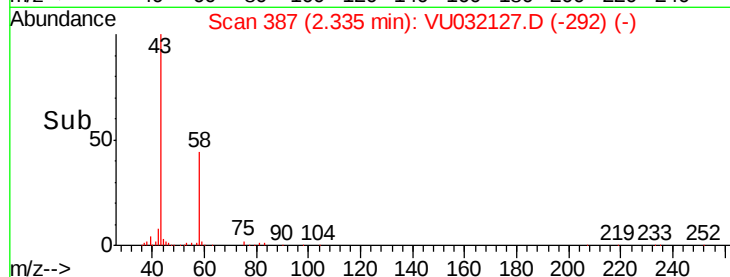
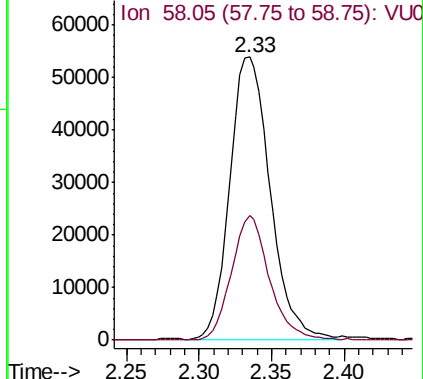
Ion Ratio Lower Upper

43 100

58 41.6 0.0 78.8



Abundance Ion 43.05 (42.75 to 43.75): VU032127.D (-387) (-)



#14

Carbon disulfide

Concen: 0.126 ug/L

RT: 2.47 min Scan# 429

Delta R.T. 0.00 min

Lab File: VU032127.D

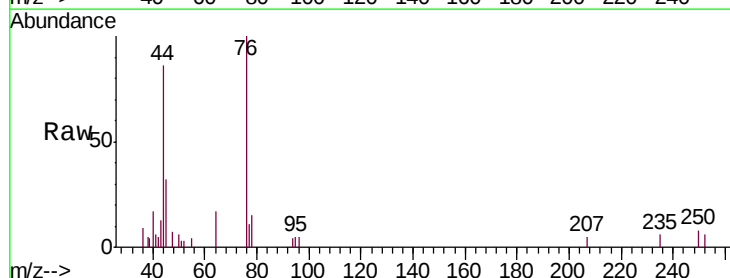
Acq: 18 May 2019 02:56

Tgt Ion: 76 Resp: 5782

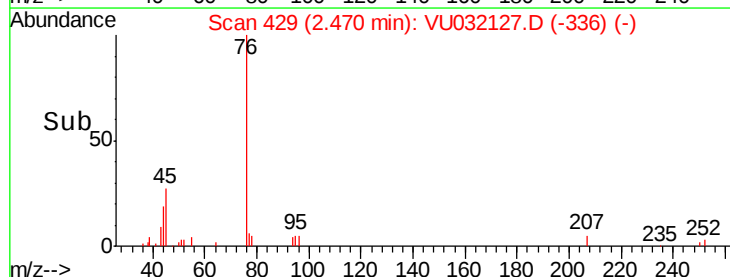
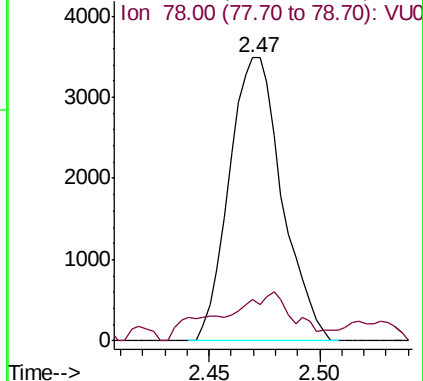
Ion Ratio Lower Upper

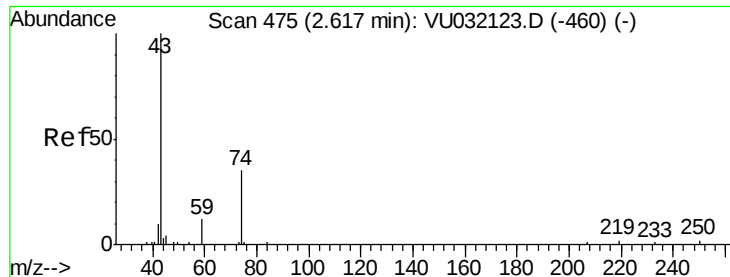
76 100

78 14.5 7.8 11.6#



Abundance Ion 76.05 (75.75 to 76.75): VU032127.D (-429) (-)





#15

Methyl Acetate

Concen: 13.952 ug/L

RT: 2.33 min Scan# 387

Delta R.T. -0.28 min

Lab File: VU032127.D

Acq: 18 May 2019 02:56

Instrument :

MSVOA_U

ClientSampleId :

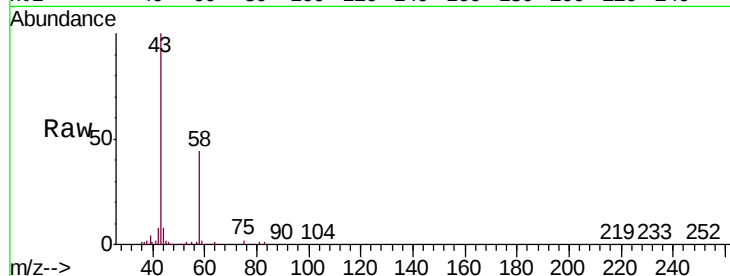
F9W29

Tgt Ion: 43 Resp: 77756

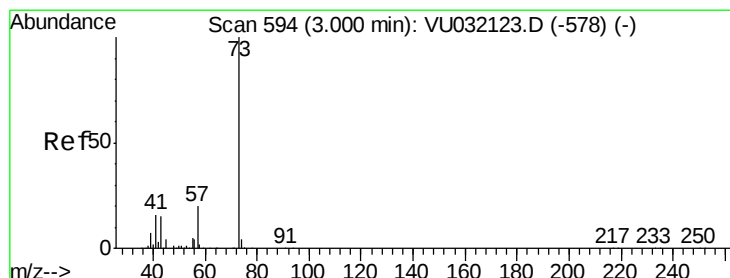
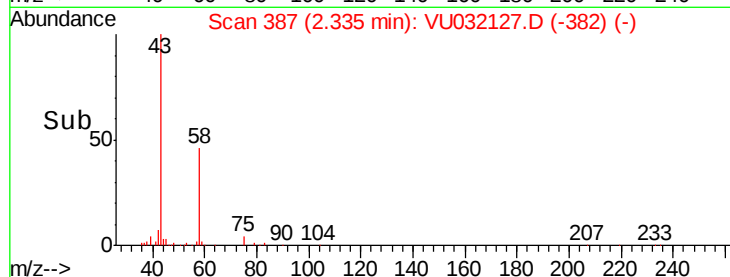
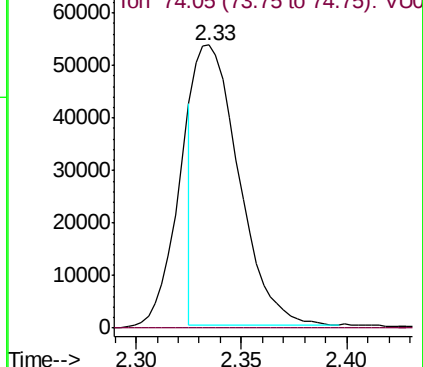
Ion Ratio Lower Upper

43 100

74 0.0 26.4 39.6#



Abundance Ion 43.05 (42.75 to 43.75): VU032127.D (-382) (-)



#17

Methyl tert-butyl Ether

Concen: 11.747 ug/L

RT: 3.00 min Scan# 594

Delta R.T. 0.00 min

Lab File: VU032127.D

Acq: 18 May 2019 02:56

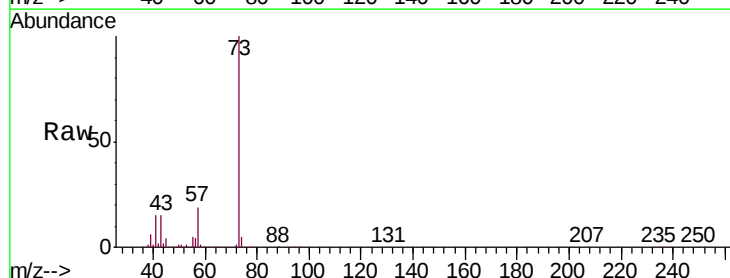
Tgt Ion: 73 Resp: 397071

Ion Ratio Lower Upper

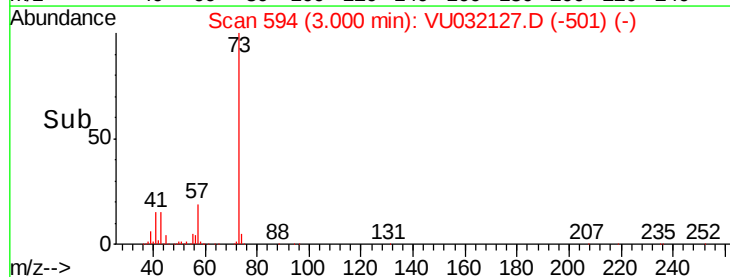
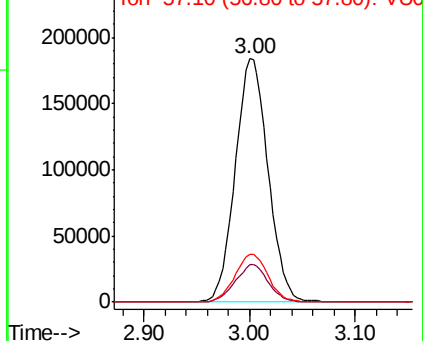
73 100

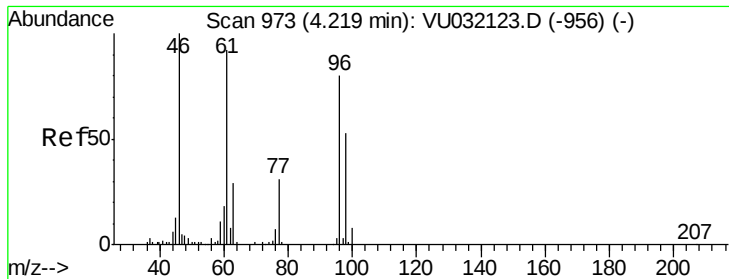
43 15.7 13.0 19.6

57 19.8 17.9 26.9



Abundance Ion 73.10 (72.80 to 73.80): VU032127.D (-501) (-)



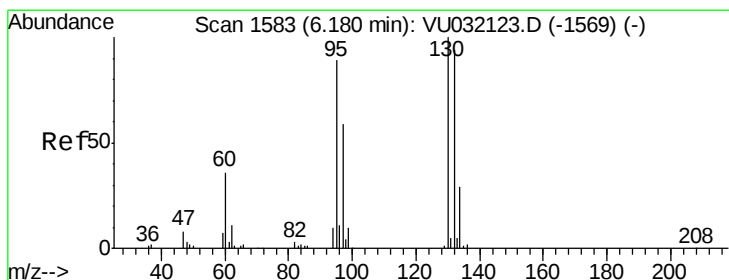
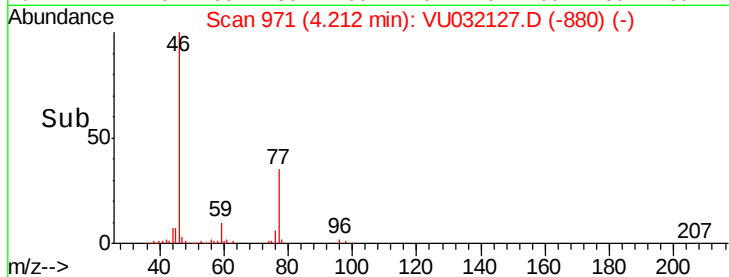
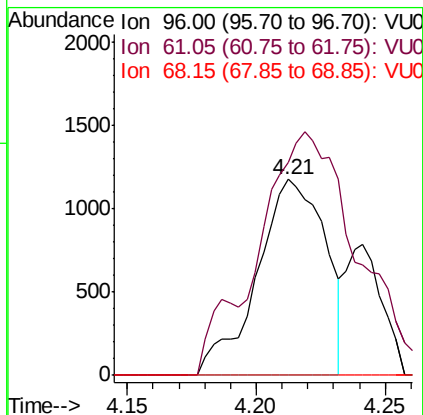
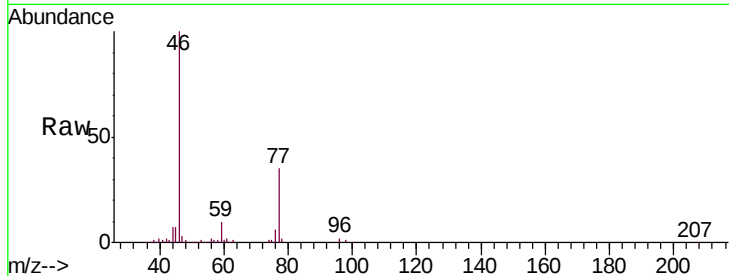


#22

cis-1,2-Dichloroethene
Concen: 0.143 ug/L
RT: 4.21 min Scan# 971
Delta R.T. -0.01 min
Lab File: VU032127.D
Acq: 18 May 2019 02:56

Instrument :
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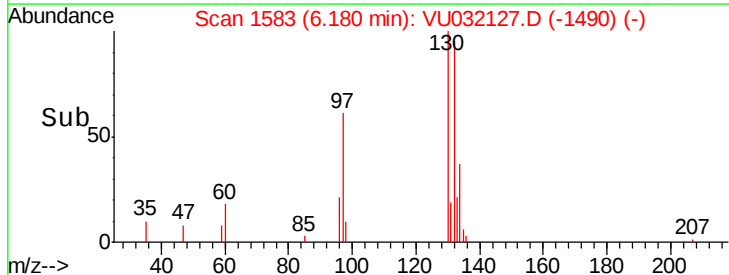
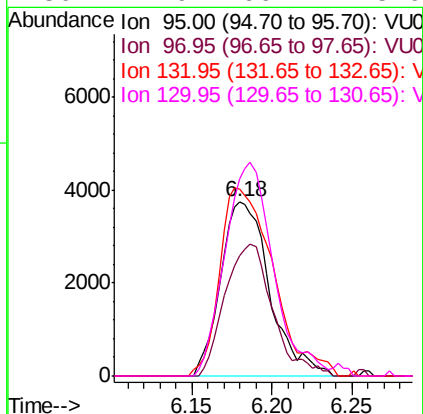
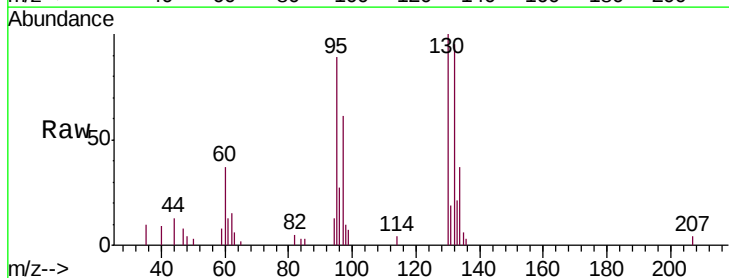
Tgt Ion: 96 Resp: 2167
Ion Ratio Lower Upper
96 100
61 108.9 85.8 159.4
68 0.0 0.0 0.0

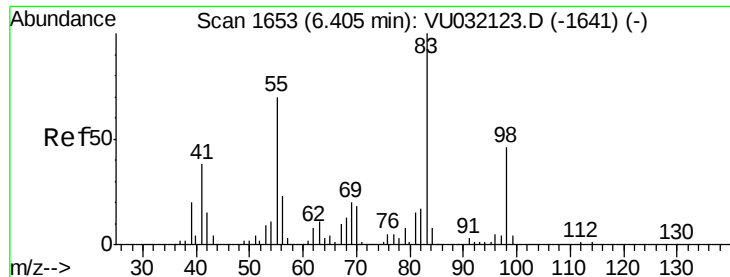


#34

Trichloroethene
Concen: 0.516 ug/L
RT: 6.18 min Scan# 1583
Delta R.T. 0.00 min
Lab File: VU032127.D
Acq: 18 May 2019 02:56

Tgt Ion: 95 Resp: 7847
Ion Ratio Lower Upper
95 100
97 69.1 45.2 84.0
132 107.1 66.1 122.7
130 112.9 66.7 123.9

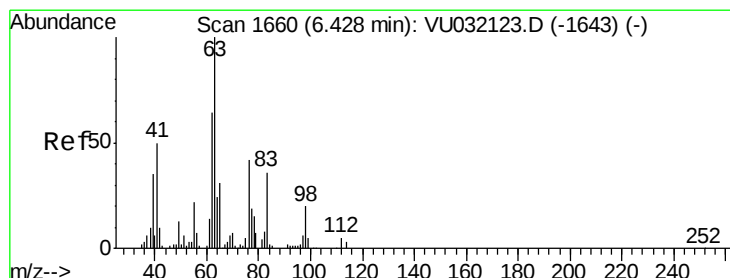
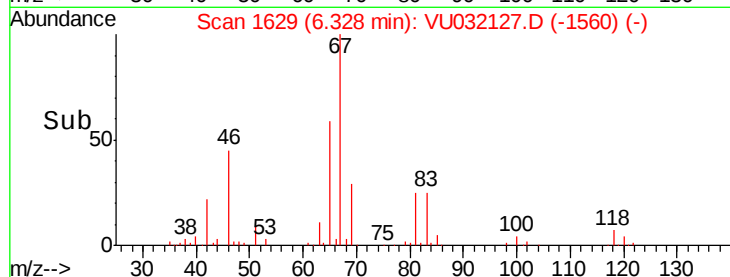
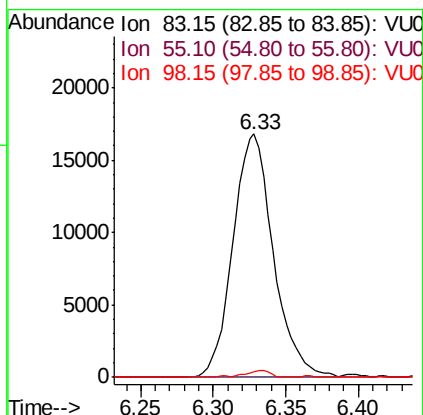
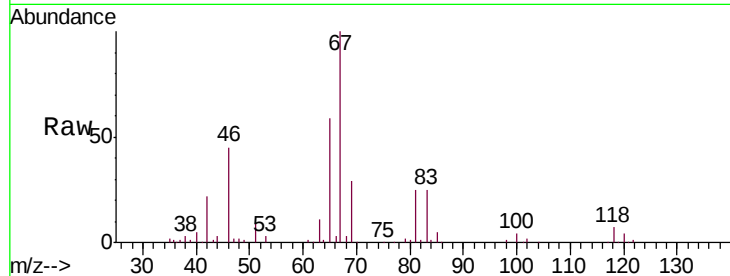




#35
Methylcyclohexane
Concen: 1.482 ug/L
RT: 6.33 min Scan# 1629
Delta R.T. -0.08 min
Lab File: VU032127.D
Acq: 18 May 2019 02:56

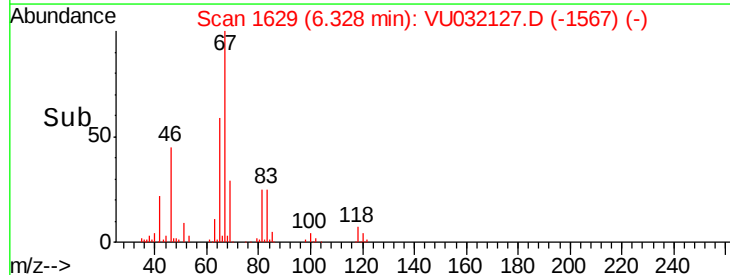
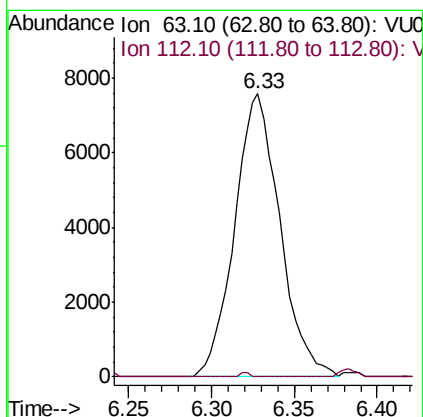
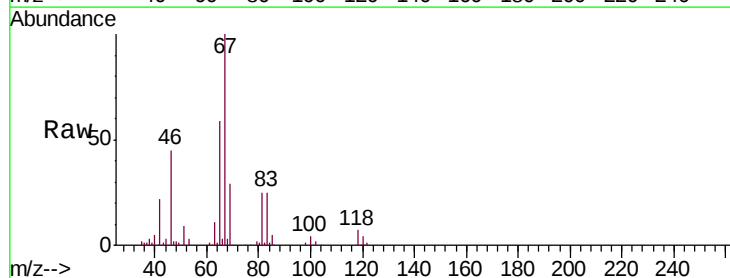
Instrument :
MSVOA_U
ClientSampleId :
F9W29

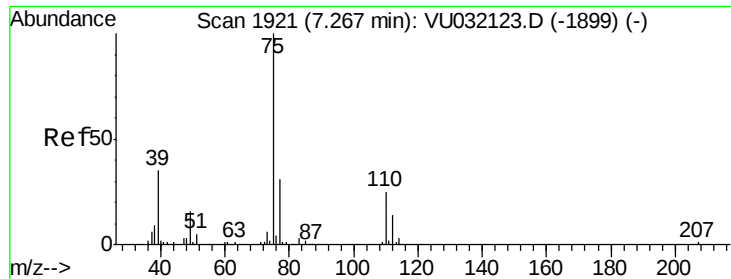
Tgt Ion: 83 Resp: 32466
Ion Ratio Lower Upper
83 100
55 0.0 59.7 89.5#
98 1.7 36.8 55.2#



#37
1,2-Dichloropropane
Concen: 1.048 ug/L
RT: 6.33 min Scan# 1629
Delta R.T. -0.10 min
Lab File: VU032127.D
Acq: 18 May 2019 02:56

Tgt Ion: 63 Resp: 14366
Ion Ratio Lower Upper
63 100
112 0.3 3.8 5.6#



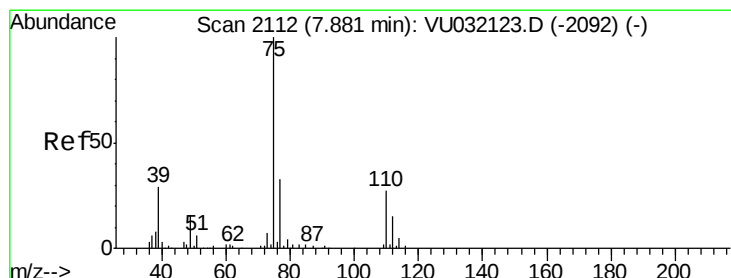
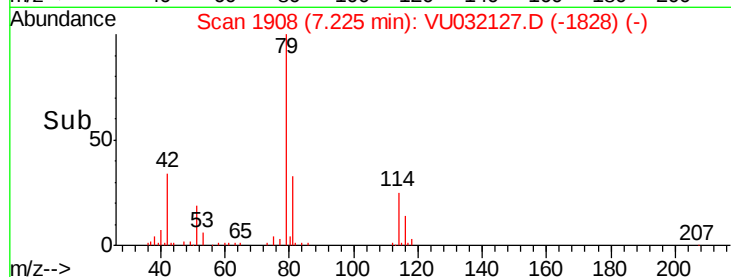
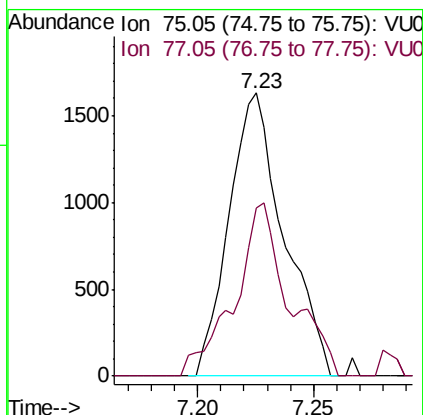
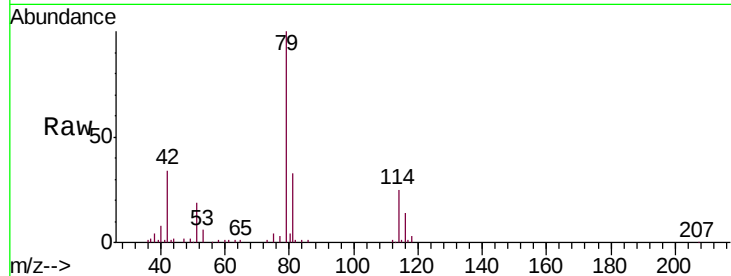


#39

cis-1,3-Dichloropropene
Concen: 0.142 ug/L
RT: 7.23 min Scan# 1908
Delta R.T. -0.04 min
Lab File: VU032127.D
Acq: 18 May 2019 02:56

Instrument :
MSVOA_U
ClientSampleId :
F9W29

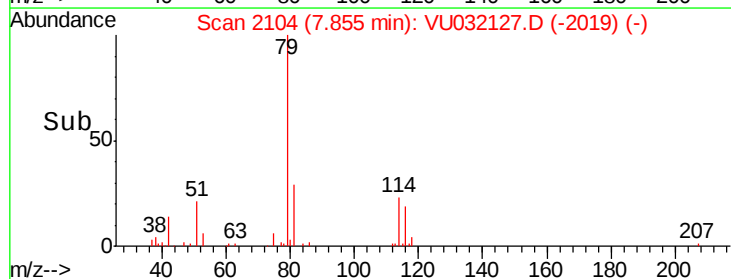
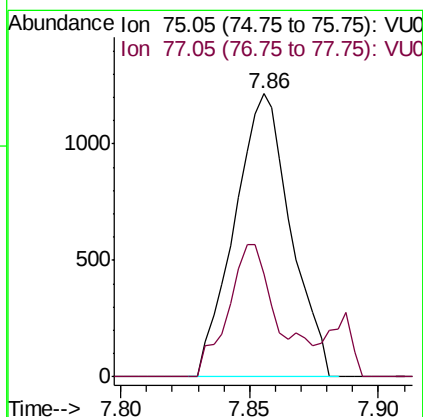
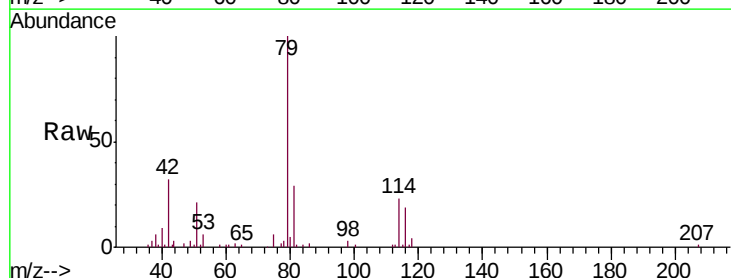
Tgt Ion: 75 Resp: 2686
Ion Ratio Lower Upper
75 100
77 59.6 21.7 40.3#

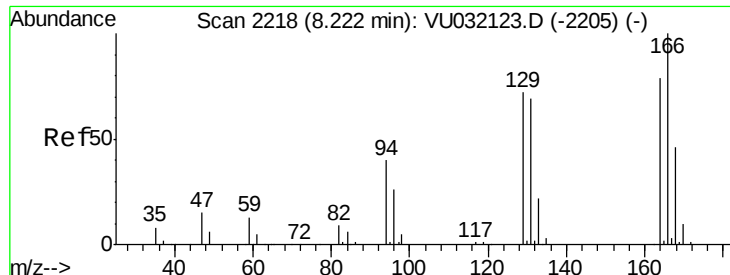


#44

trans-1,3-Dichloropropene
Concen: 0.125 ug/L
RT: 7.86 min Scan# 2104
Delta R.T. -0.03 min
Lab File: VU032127.D
Acq: 18 May 2019 02:56

Tgt Ion: 75 Resp: 1846
Ion Ratio Lower Upper
75 100
77 36.5 21.0 39.0





#47

Tetrachloroethene

Concen: 1.956 ug/L

RT: 8.23 min Scan# 2219

Delta R.T. 0.00 min

Lab File: VU032127.D

Acq: 18 May 2019 02:56

Instrument :

MSVOA_U

ClientSampleId :

F9W29

Tgt Ion:164 Resp: 22243

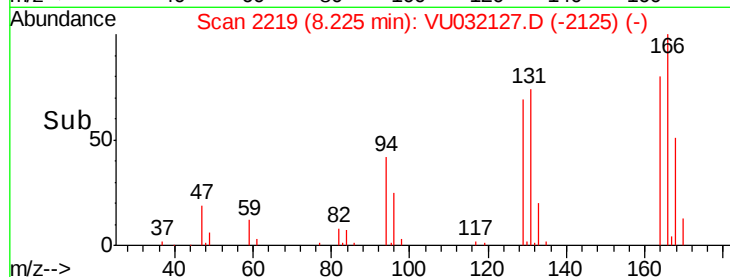
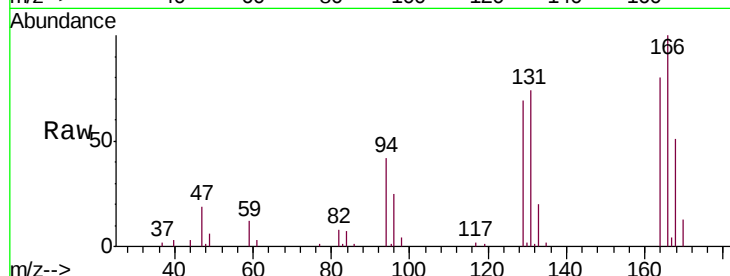
Ion Ratio Lower Upper

164 100

129 86.5 70.3 130.5

131 93.0 64.5 119.9

166 125.3 92.3 171.5



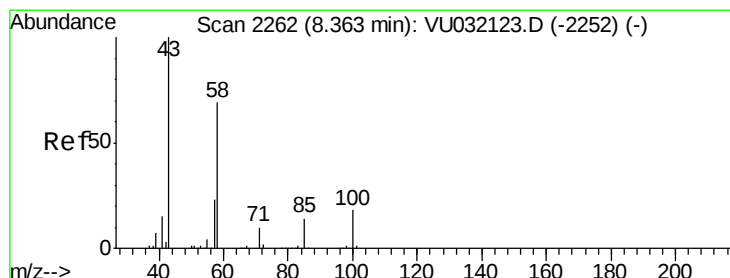
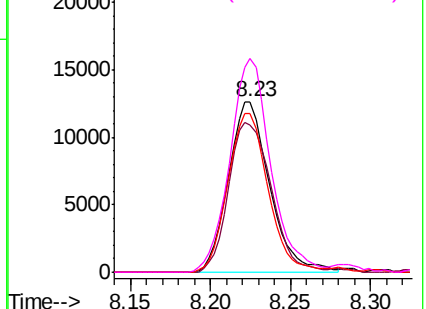
Abundance

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: 1.764 ug/L

RT: 8.36 min Scan# 2261

Delta R.T. -0.00 min

Lab File: VU032127.D

Acq: 18 May 2019 02:56

Tgt Ion: 43 Resp: 8701

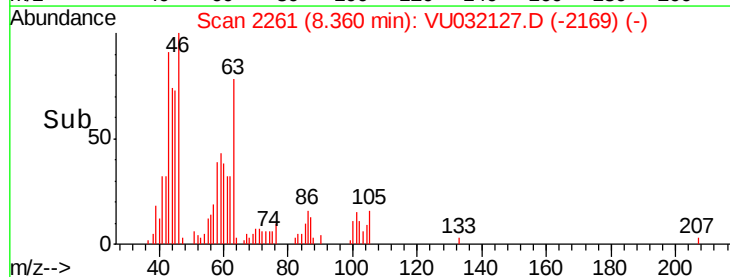
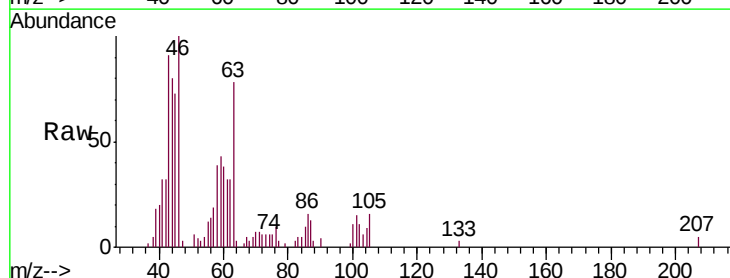
Ion Ratio Lower Upper

43 100

58 68.9 51.6 77.4

57 10.0 18.4 27.6#

100 22.6 12.2 18.4#



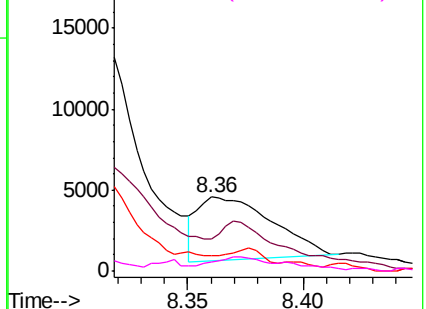
Abundance

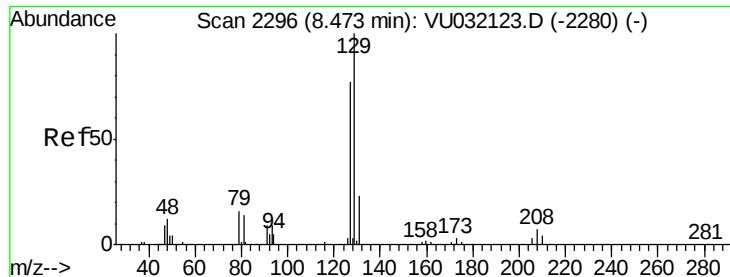
Ion 43.05 (42.75 to 43.75): VU0

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: 1.726 ug/L

RT: 8.22 min Scan# 2218

Delta R.T. -0.25 min

Lab File: VU032127.D

Acq: 18 May 2019 02:56

Instrument :

MSVOA_U

ClientSampleId :

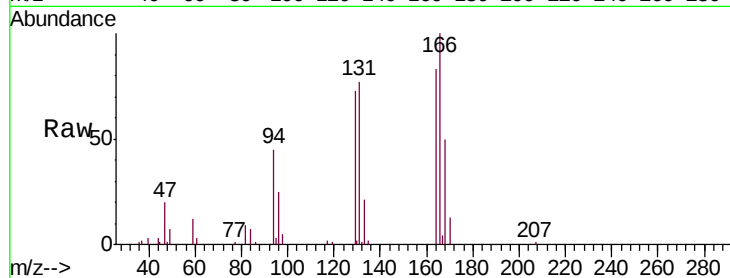
F9W29

Tgt Ion:129 Resp: 20148

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

8.22

12000

10000

8000

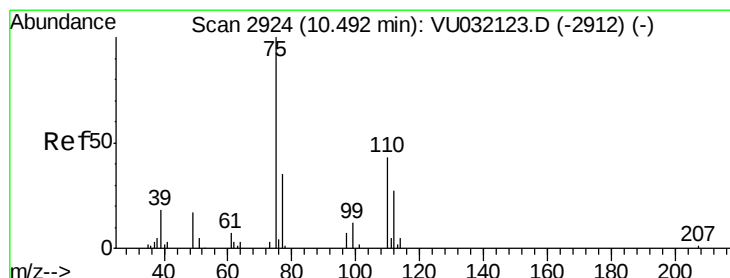
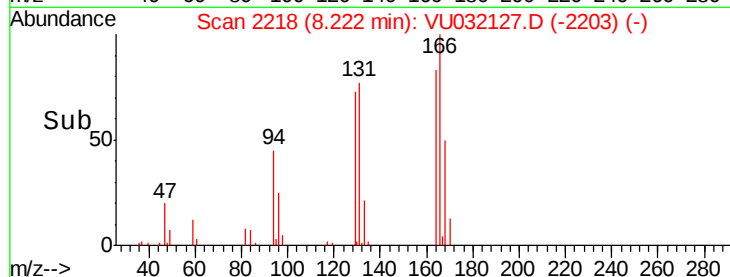
6000

4000

2000

0

Time--> 8.15 8.20 8.25 8.30



#59

1,2,3-Trichloropropane

Concen: 1.736 ug/L

RT: 11.48 min Scan# 3231

Delta R.T. 0.99 min

Lab File: VU032127.D

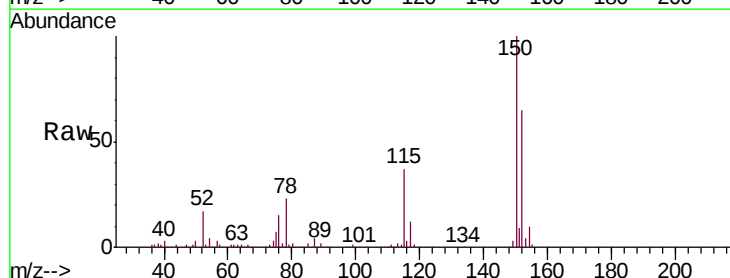
Acq: 18 May 2019 02:56

Tgt Ion: 75 Resp: 15119

Ion Ratio Lower Upper

75 100

77 35.7 26.2 39.2



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

11.48

10000

8000

6000

4000

2000

0

Time--> 11.45 11.50 11.55

