

Data File : VU032083.D
Acq On : 17 May 2019 06:11
Operator : JC/SP
Sample : K2859-03
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 46 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
F9W22

Quant Time: May 17 08:45:44 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR051619WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri May 17 08:41:24 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	387343	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	390693	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	153482	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	143579	4.40	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.00%
7) Chloroethane-d5	1.68	69	120436	4.32	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.40%
11) 1,1-Dichloroethene-d2	2.27	63	201917	3.88	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	77.60%
20) 2-Butanone-d5	4.20	46	270328	42.20	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	84.40%
24) Chloroform-d	4.64	84	254730	4.44	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.80%
26) 1,2-Dichloroethane-d4	5.31	65	128087	4.33	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.60%
32) Benzene-d6	5.33	84	535170	4.49	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.80%
36) 1,2-Dichloropropane-d6	6.32	67	150475	4.32	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	86.40%
41) Toluene-d8	7.56	98	443456	4.22	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.40%
43) trans-1,3-Dichloropropene-	7.85	79	48522	3.87	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	77.40%
46) 2-Hexanone-d5	8.31	63	240298	42.43	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	84.86%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	124563	4.37	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	87.40%
64) 1,2-Dichlorobenzene-d4	11.86	152	160117	4.92	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.40%

Target Compounds

					Qvalue
3) Chloromethane	1.32	50	4250	0.228 ug/L	97
8) Chloroethane	1.68	64	1432	0.118 ug/L #	71
12) 1,1-Dichloroethene	2.27	96	1996	0.128 ug/L #	1
13) Acetone	2.34	43	174022	82.752 ug/L	99
15) Methyl Acetate	2.34	43	154387	25.604 ug/L #	42
22) cis-1,2-Dichloroethene	4.22	96	5234	0.320 ug/L	76
25) Chloroform	4.67	83	24690	0.874 ug/L	100
34) Trichloroethene	6.18	95	17720	1.089 ug/L	96
35) Methylcyclohexane	6.33	83	36937	1.576 ug/L #	21
37) 1,2-Dichloropropane	6.33	63	16674	1.137 ug/L #	87
39) cis-1,3-Dichloropropene	7.22	75	3233	0.159 ug/L #	75
44) trans-1,3-Dichloropropene	7.85	75	2111	0.134 ug/L	93
47) Tetrachloroethene	8.22	164	10041	0.825 ug/L	99
48) 2-Hexanone	8.37	43	10017	1.899 ug/L #	62
49) Dibromochloromethane	8.22	129	9840	0.788 ug/L #	10
59) 1,2,3-Trichloropropane	11.48	75	16860	1.810 ug/L	95

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU051619\
Quantitation Report (Not Reviewed)

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Quant Title : TRACE VOA SOM01.0
QLast Update : Fri May 17 08:41:24 2019
Response via : Initial Calibration

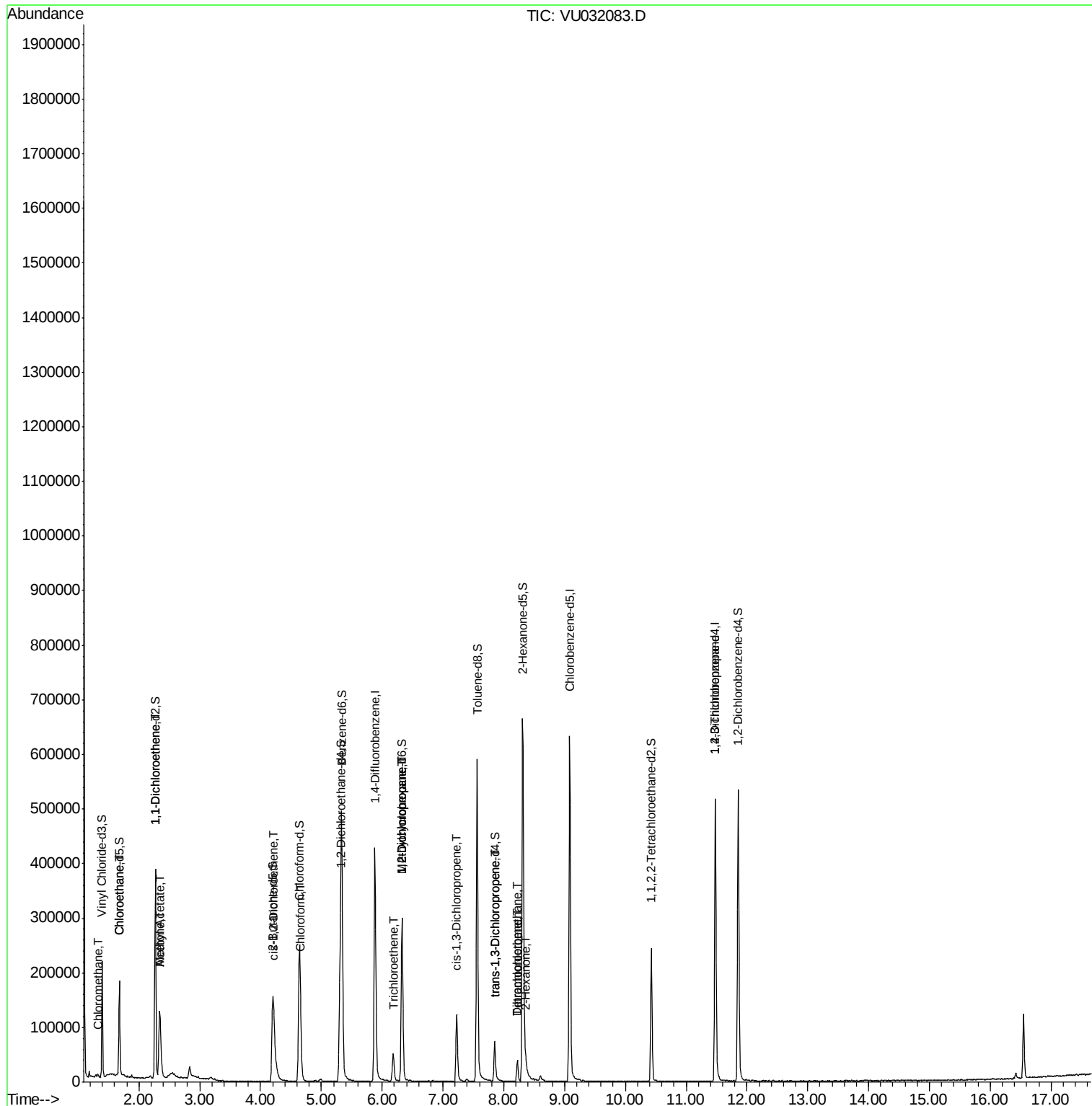
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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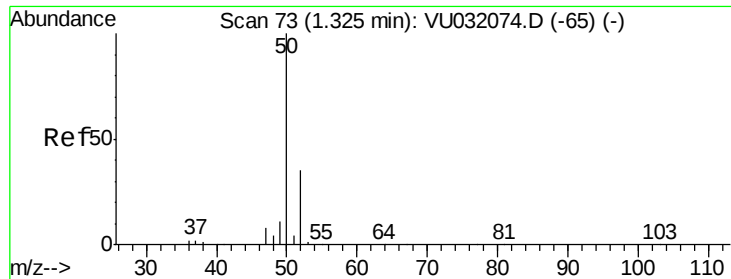
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.228 ug/L

RT: 1.32 min Scan# 73

Delta R.T. -0.00 min

Lab File: VU032083.D

Acq: 17 May 2019 06:11

Instrument :

MSVOA_U

ClientSampleId :

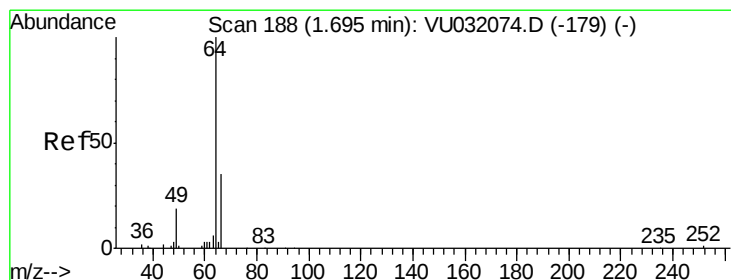
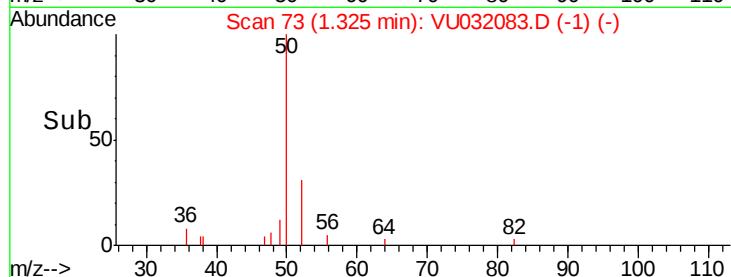
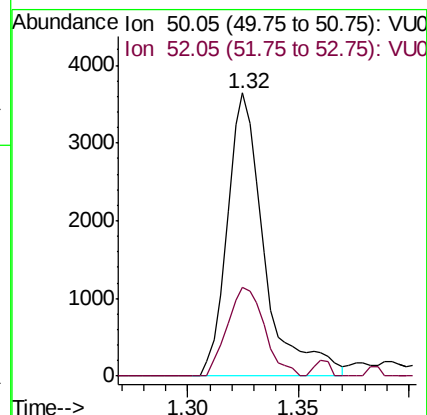
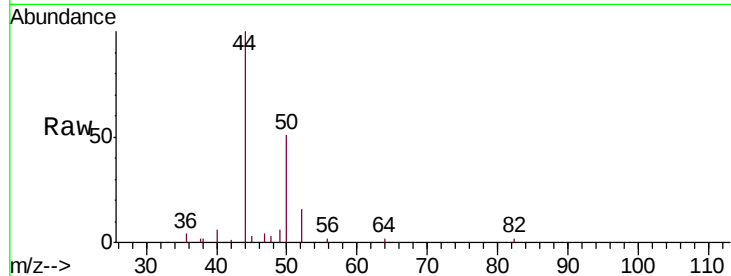
F9W22

Tgt Ion: 50 Resp: 4250

Ion Ratio Lower Upper

50 100

52 31.2 23.2 43.0



#8

Chloroethane

Concen: 0.118 ug/L

RT: 1.68 min Scan# 185

Delta R.T. -0.01 min

Lab File: VU032083.D

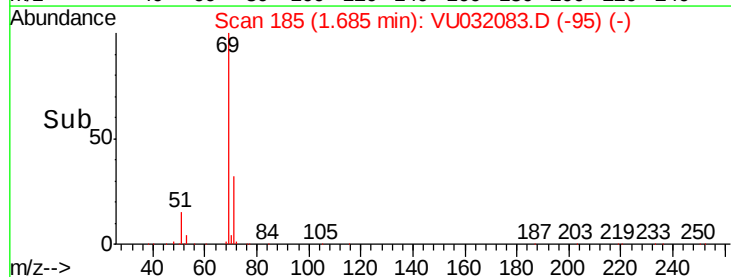
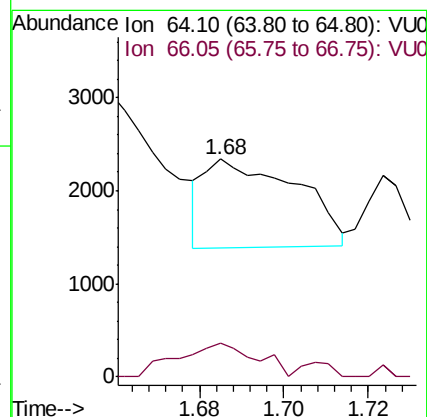
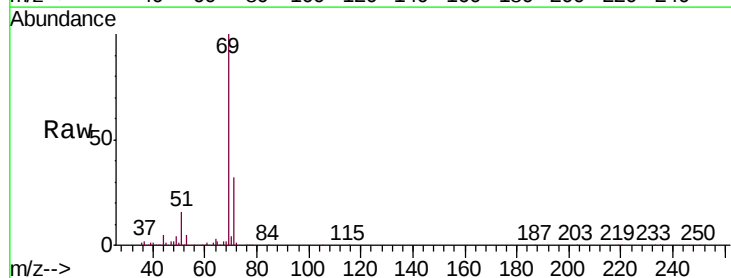
Acq: 17 May 2019 06:11

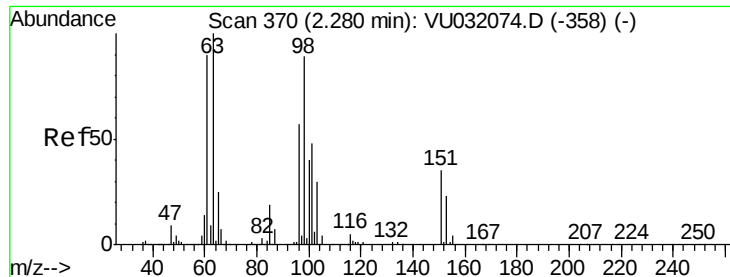
Tgt Ion: 64 Resp: 1432

Ion Ratio Lower Upper

64 100

66 15.3 22.0 41.0#





#12

1,1-Dichloroethene

Concen: 0.128 ug/L

RT: 2.27 min Scan# 368

Delta R.T. -0.01 min

Lab File: VU032083.D

Acq: 17 May 2019 06:11

Instrument :

MSVOA_U

ClientSampleId :

F9W22

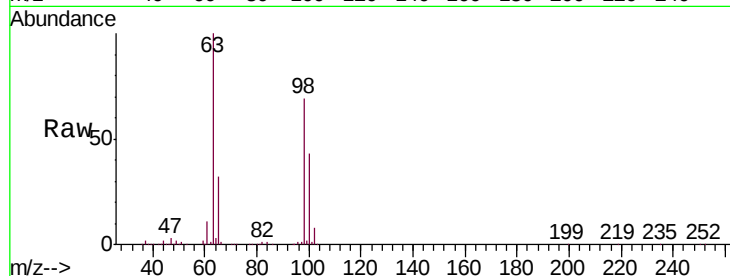
Tgt Ion: 96 Resp: 1996

Ion Ratio Lower Upper

96 100

61 935.1 111.7 207.5#

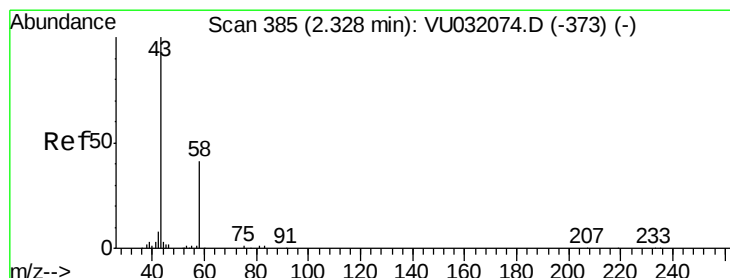
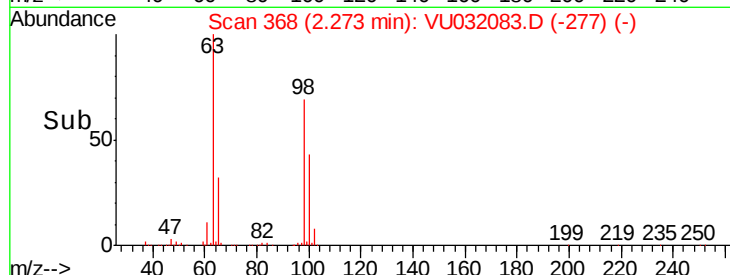
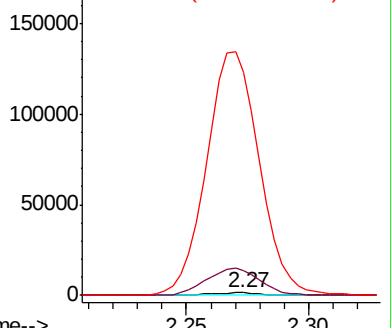
63 8440.7 152.2 282.6#



Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.05 (60.75 to 61.75): VU0

Ion 63.00 (62.70 to 63.70): VU0



#13

Acetone

Concen: 82.752 ug/L

RT: 2.34 min Scan# 390

Delta R.T. 0.02 min

Lab File: VU032083.D

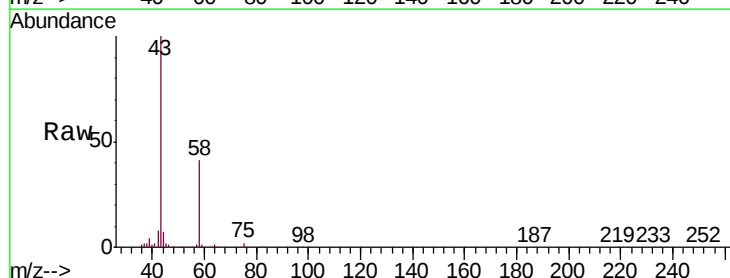
Acq: 17 May 2019 06:11

Tgt Ion: 43 Resp: 174022

Ion Ratio Lower Upper

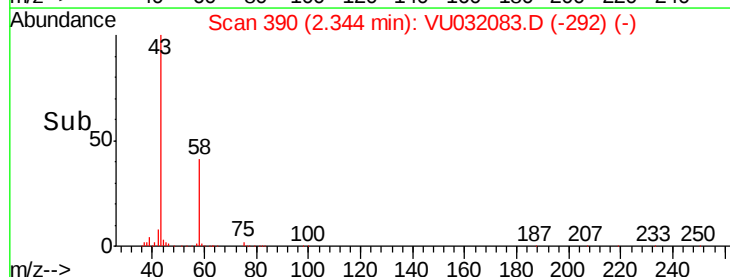
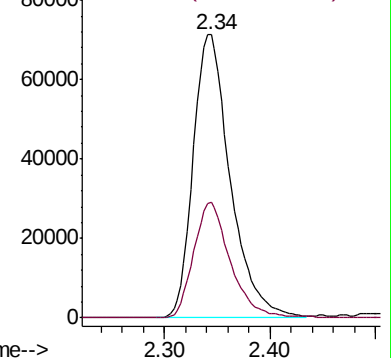
43 100

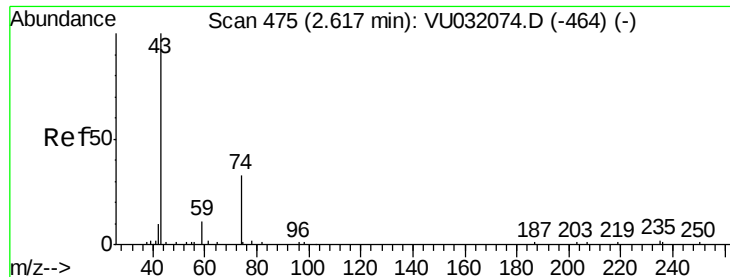
58 40.1 0.0 78.8



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0

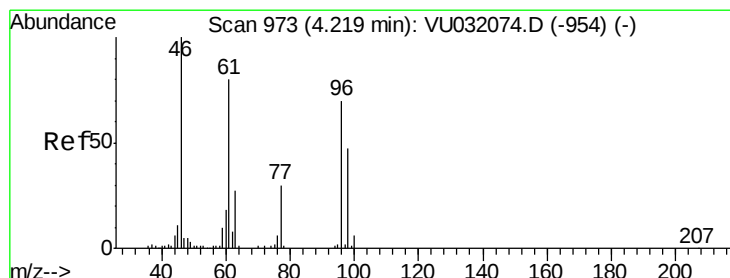
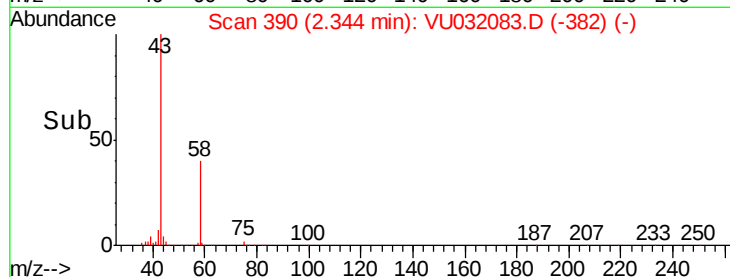
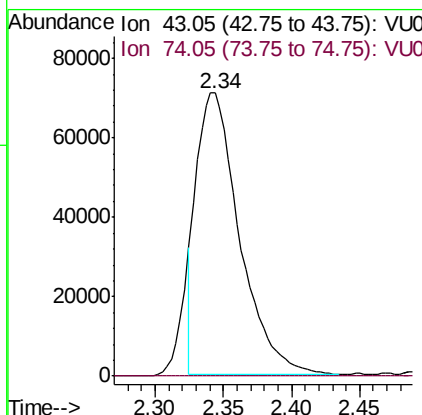
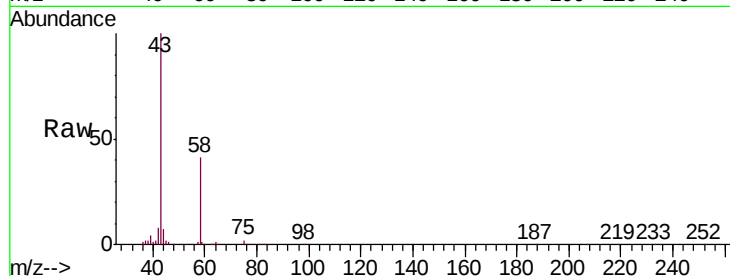




#15
Methyl Acetate
Concen: 25.604 ug/L
RT: 2.34 min Scan# 390
Delta R.T. -0.27 min
Lab File: VU032083.D
Acq: 17 May 2019 06:11

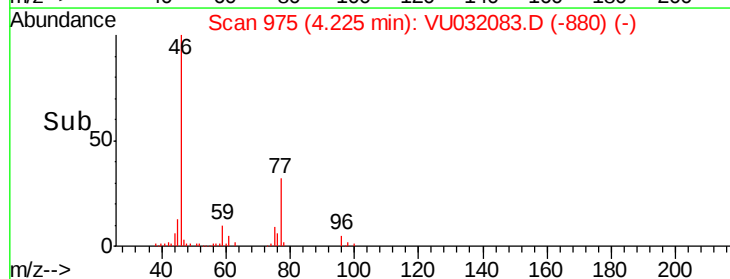
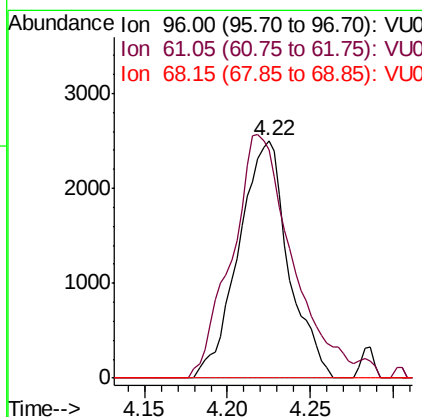
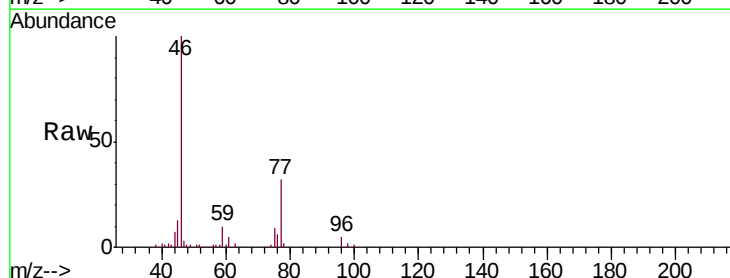
Instrument :
MSVOA_U
ClientSampled :
F9W22

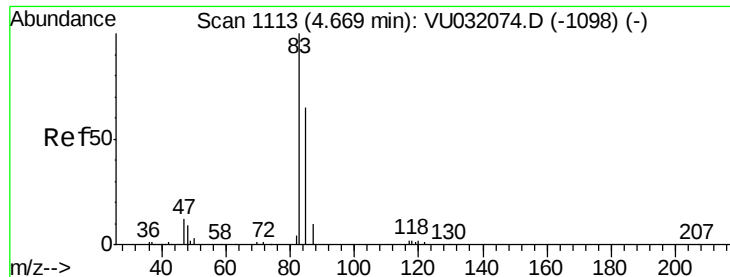
Tgt Ion: 43 Resp: 154387
Ion Ratio Lower Upper
43 100
74 0.1 26.4 39.6#



#22
cis-1,2-Dichloroethene
Concen: 0.320 ug/L
RT: 4.22 min Scan# 975
Delta R.T. 0.01 min
Lab File: VU032083.D
Acq: 17 May 2019 06:11

Tgt Ion: 96 Resp: 5234
Ion Ratio Lower Upper
96 100
61 95.7 85.8 159.4
68 0.0 0.0 0.0





#25

Chloroform

Concen: 0.874 ug/L

RT: 4.67 min Scan# 1113

Delta R.T. -0.00 min

Lab File: VU032083.D

Acq: 17 May 2019 06:11

Instrument :

MSVOA_U

ClientSampleId :

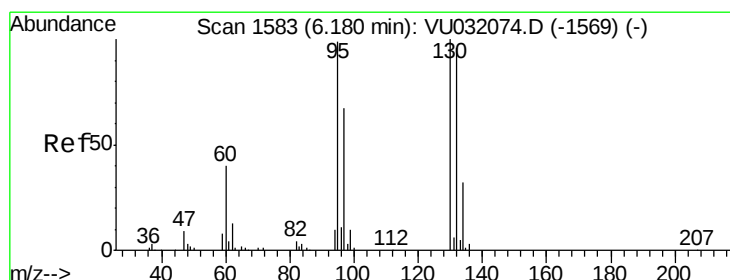
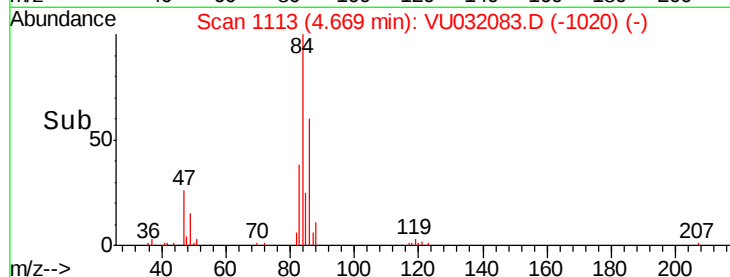
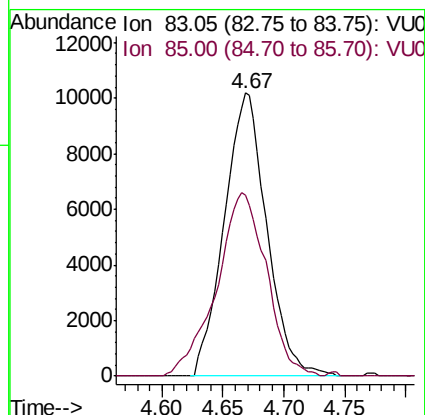
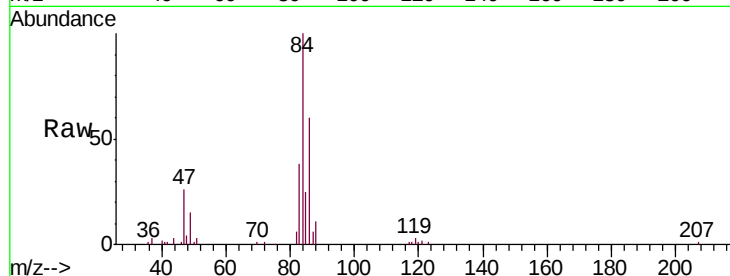
F9W22

Tgt Ion: 83 Resp: 24690

Ion Ratio Lower Upper

83 100

85 63.9 44.9 83.3



#34

Trichloroethene

Concen: 1.089 ug/L

RT: 6.18 min Scan# 1583

Delta R.T. -0.00 min

Lab File: VU032083.D

Acq: 17 May 2019 06:11

Tgt Ion: 95 Resp: 17720

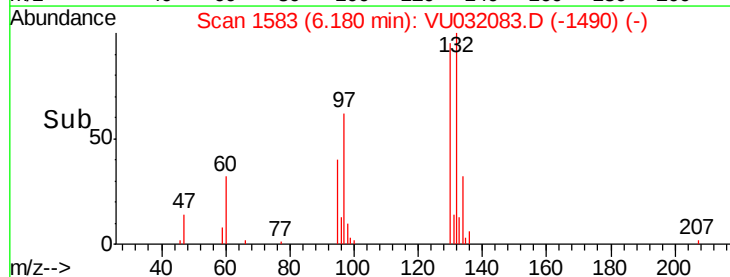
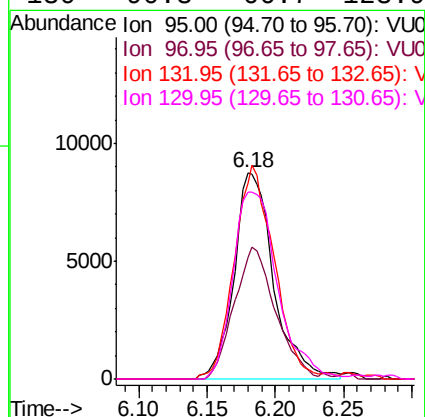
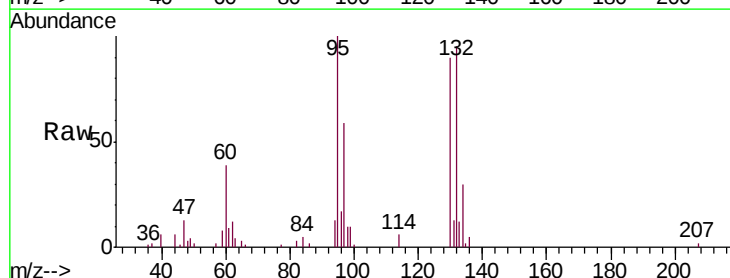
Ion Ratio Lower Upper

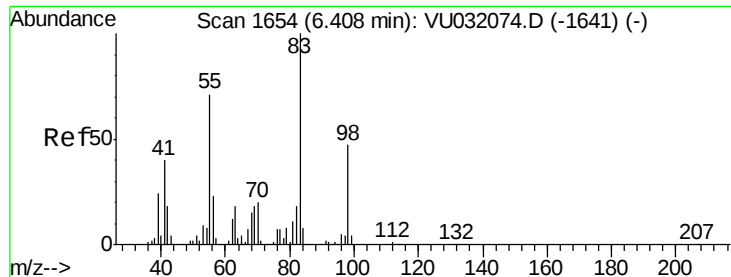
95 100

97 58.9 45.2 84.0

132 94.8 66.1 122.7

130 90.3 66.7 123.9

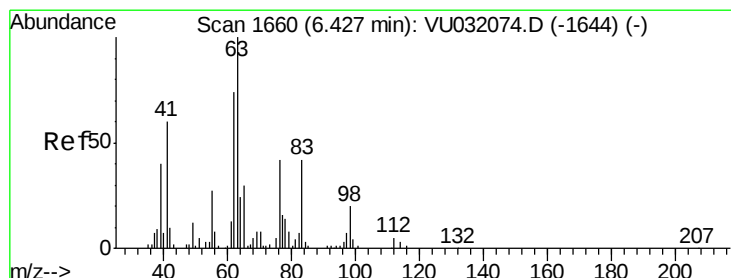
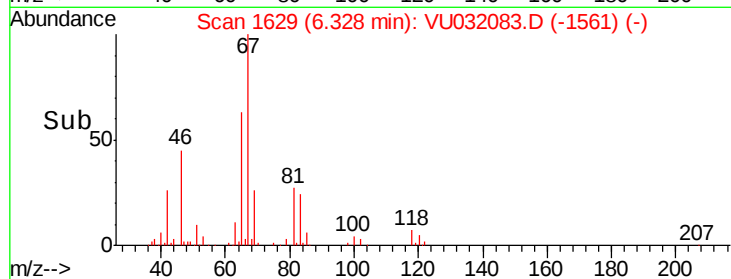
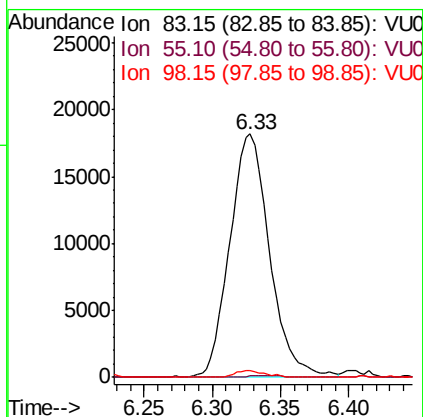
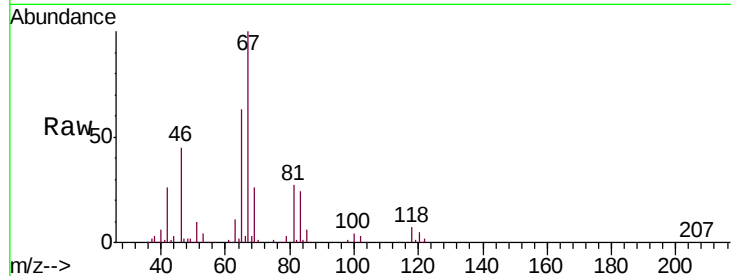




#35
Methylcyclohexane
Concen: 1.576 ug/L
RT: 6.33 min Scan# 1629
Delta R.T. -0.08 min
Lab File: VU032083.D
Acq: 17 May 2019 06:11

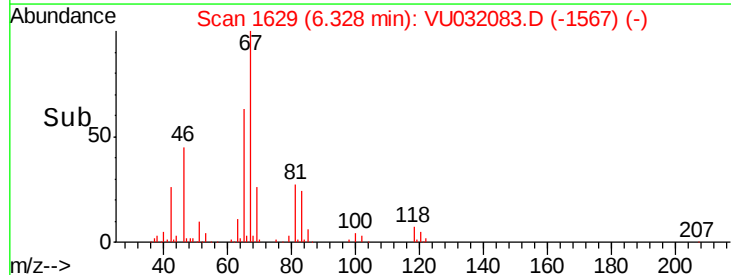
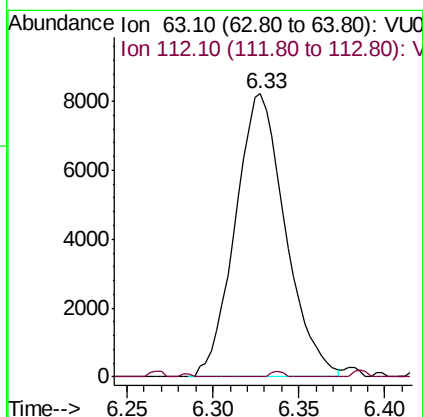
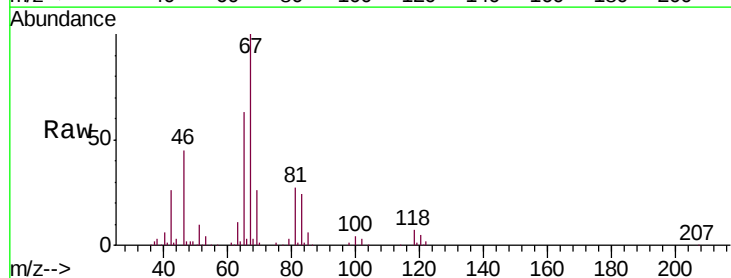
Instrument :
MSVOA_U
ClientSampleId :
F9W22

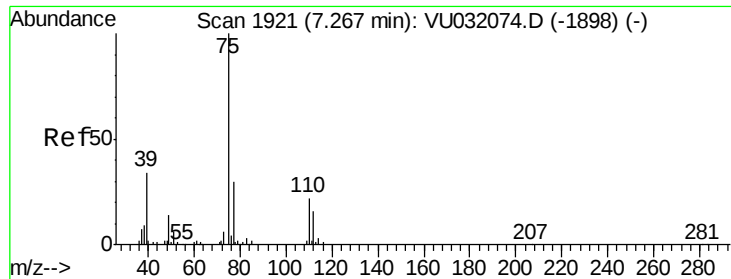
Tgt Ion: 83 Resp: 36937
Ion Ratio Lower Upper
83 100
55 0.6 59.7 89.5#
98 2.1 36.8 55.2#



#37
1,2-Dichloropropane
Concen: 1.137 ug/L
RT: 6.33 min Scan# 1629
Delta R.T. -0.10 min
Lab File: VU032083.D
Acq: 17 May 2019 06:11

Tgt Ion: 63 Resp: 16674
Ion Ratio Lower Upper
63 100
112 0.5 3.8 5.6#

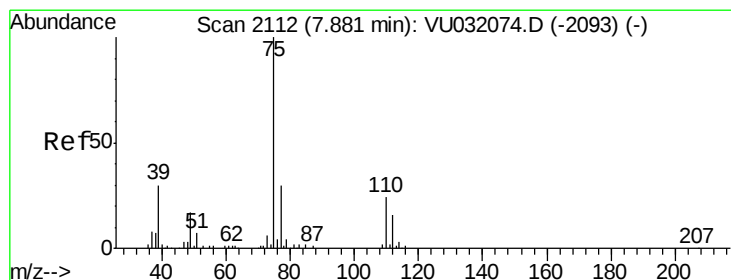
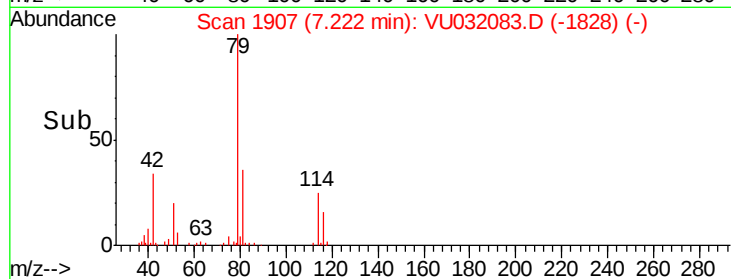
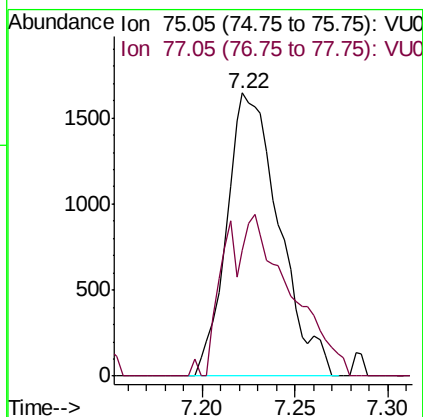
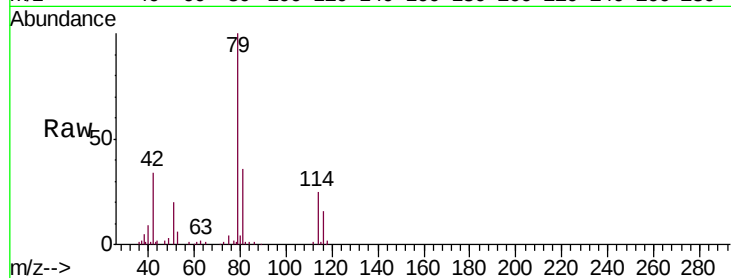




#39
 cis-1,3-Dichloropropene
 Concen: 0.159 ug/L
 RT: 7.22 min Scan# 1907
 Delta R.T. -0.05 min
 Lab File: VU032083.D
 Acq: 17 May 2019 06:11

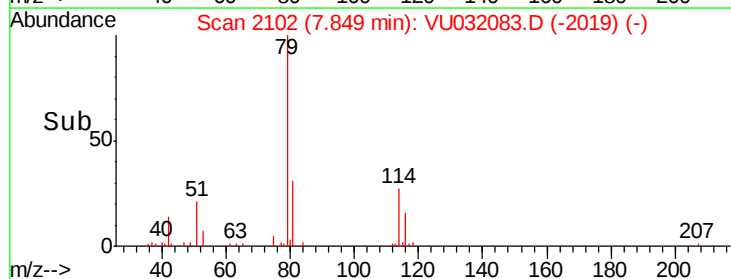
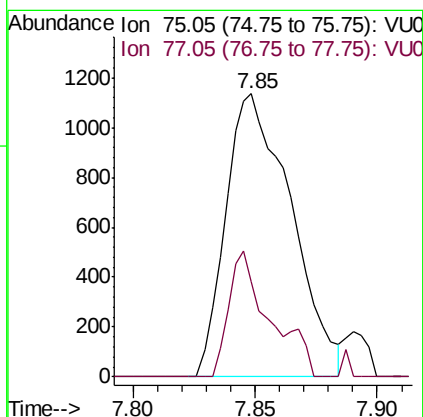
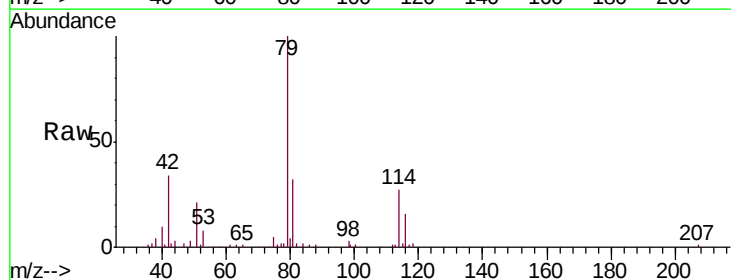
Instrument :
 MSVOA_U
 ClientSampleId :
 F9W22

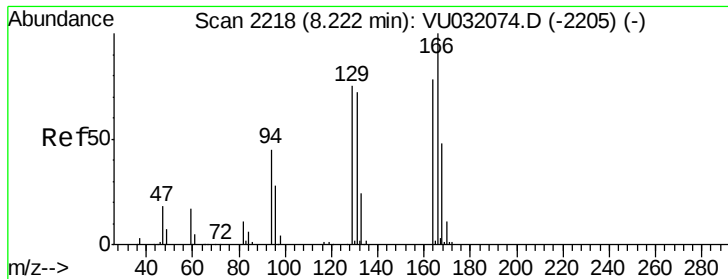
Tgt Ion: 75 Resp: 3233
 Ion Ratio Lower Upper
 75 100
 77 44.6 21.7 40.3#



#44
 trans-1,3-Dichloropropene
 Concen: 0.134 ug/L
 RT: 7.85 min Scan# 2102
 Delta R.T. -0.03 min
 Lab File: VU032083.D
 Acq: 17 May 2019 06:11

Tgt Ion: 75 Resp: 2111
 Ion Ratio Lower Upper
 75 100
 77 33.6 21.0 39.0





#47

Tetrachloroethene

Concen: 0.825 ug/L

RT: 8.22 min Scan# 2218

Delta R.T. -0.00 min

Lab File: VU032083.D

Acq: 17 May 2019 06:11

Instrument :

MSVOA_U

ClientSampleId :

F9W22

Tgt Ion:164 Resp: 10041

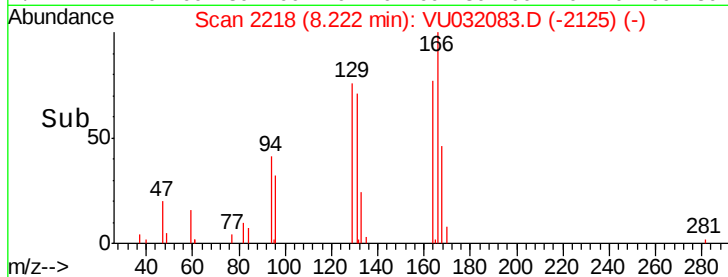
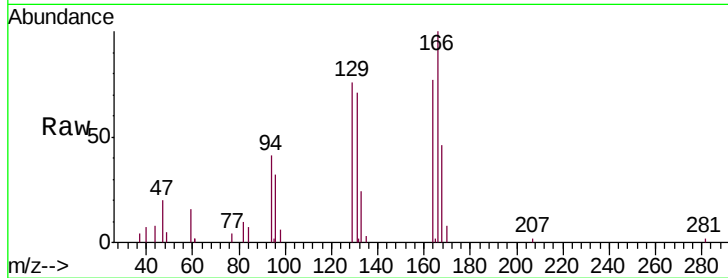
Ion Ratio Lower Upper

164 100

129 98.5 70.3 130.5

131 92.2 64.5 119.9

166 129.8 92.3 171.5

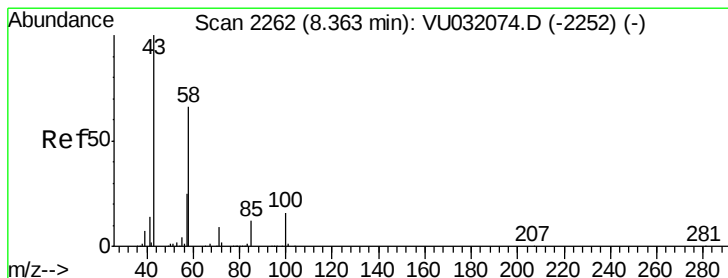
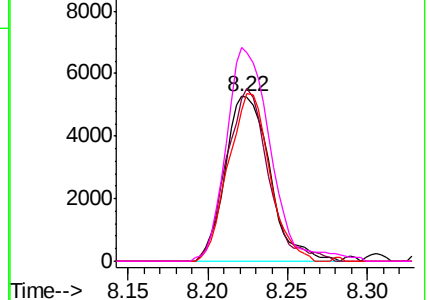


Abundance Ion 163.90 (163.60 to 164.60): V

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: 1.899 ug/L

RT: 8.37 min Scan# 2264

Delta R.T. 0.01 min

Lab File: VU032083.D

Acq: 17 May 2019 06:11

Tgt Ion: 43 Resp: 10017

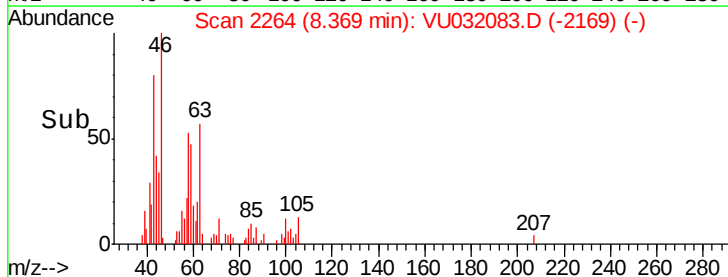
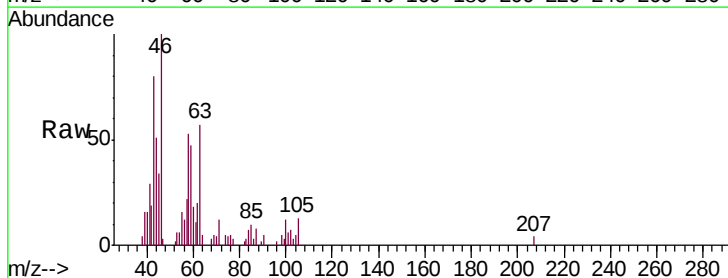
Ion Ratio Lower Upper

43 100

58 33.0 51.6 77.4#

57 4.3 18.4 27.6#

100 4.3 12.2 18.4#

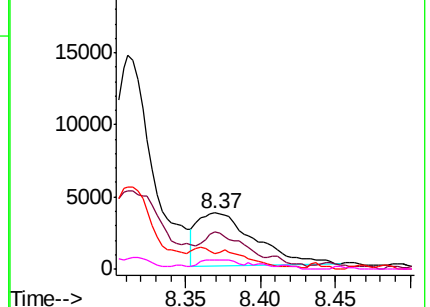


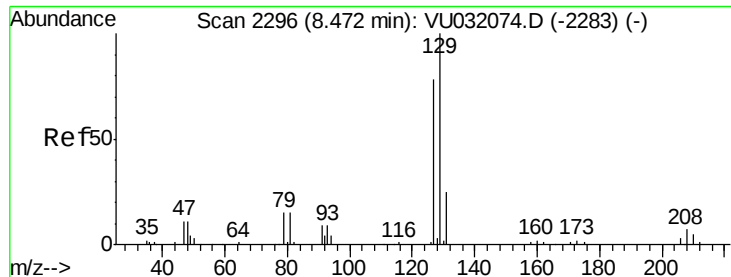
Abundance Ion 43.05 (42.75 to 43.75): VU0

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: 0.788 ug/L

RT: 8.22 min Scan# 2219

Delta R.T. -0.25 min

Lab File: VU032083.D

Acq: 17 May 2019 06:11

Instrument :

MSVOA_U

ClientSampleId :

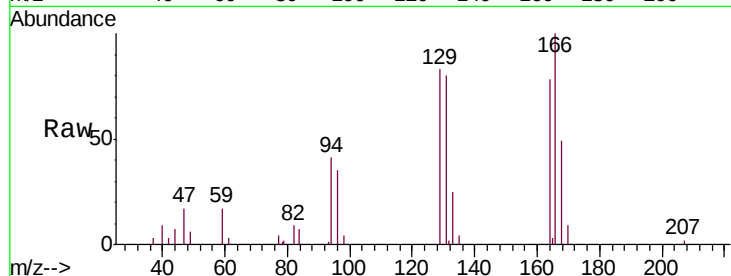
F9W22

Tgt Ion:129 Resp: 9840

Ion Ratio Lower Upper

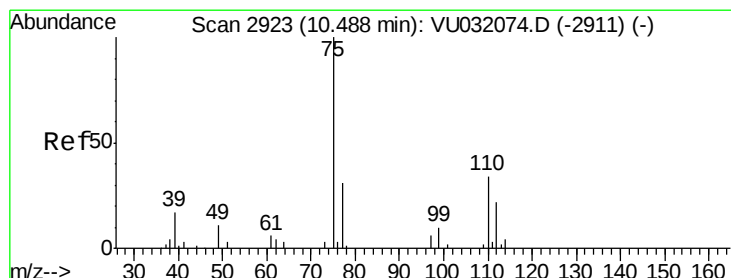
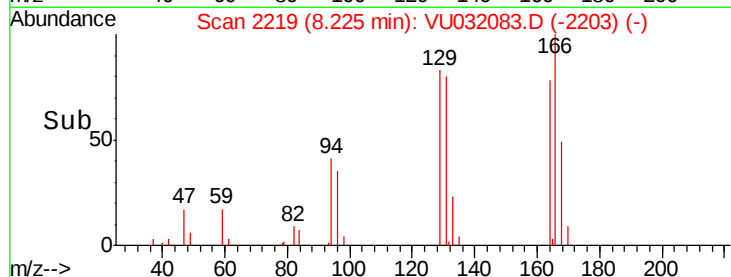
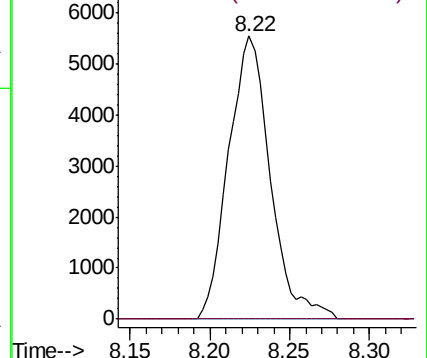
129 100

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: 1.810 ug/L

RT: 11.48 min Scan# 3231

Delta R.T. 0.99 min

Lab File: VU032083.D

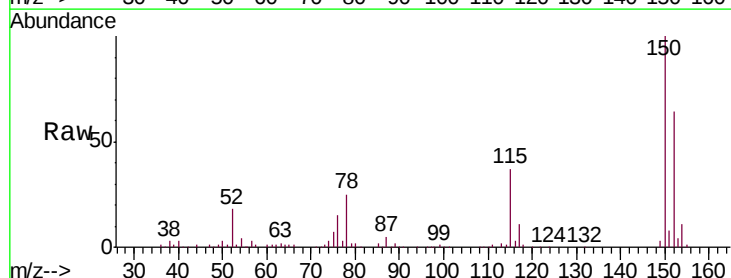
Acq: 17 May 2019 06:11

Tgt Ion: 75 Resp: 16860

Ion Ratio Lower Upper

75 100

77 35.6 26.2 39.2



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

