

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU060319\
 Data File : VU032400.D
 Acq On : 03 Jun 2019 18:07
 Operator : JC/SP
 Sample : K3081-20
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GALE8

Quant Time: Jun 04 09:56:21 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR060319WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Jun 04 08:55:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	105147	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	98906	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	47054	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	42500	4.31	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	86.20%
7) Chloroethane-d5	1.67	69	63624	6.02	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	120.40%
11) 1,1-Dichloroethene-d2	2.27	63	83233	3.61	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.20%
20) 2-Butanone-d5	4.19	46	112719	49.08	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.16%
24) Chloroform-d	4.64	84	66998	4.46	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.20%
26) 1,2-Dichloroethane-d4	5.31	65	39886	4.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.20%
32) Benzene-d6	5.33	84	132013	4.76	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.20%
36) 1,2-Dichloropropane-d6	6.32	67	43380	4.74	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.80%
41) Toluene-d8	7.56	98	122212	4.69	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.80%
43) trans-1,3-Dichloropropene-	7.85	79	19405	4.52	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.40%
46) 2-Hexanone-d5	8.31	63	91705	48.44	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.88%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	34399	4.46	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.20%
64) 1,2-Dichlorobenzene-d4	11.86	152	42778	4.74	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.80%

Target Compounds

					Ovalue
3) Chloromethane	1.32	50	34866	1.871 ug/L	99
6) Bromomethane	1.62	94	31928	2.198 ug/L	99
9) Trichlorofluoromethane	1.88	101	104477	3.589 ug/L	99
12) 1,1-Dichloroethene	2.28	96	25720	1.779 ug/L #	76
13) Acetone	2.33	43	159898	41.674 ug/L	98
14) Carbon disulfide	2.47	76	130135	2.701 ug/L	98
15) Methyl Acetate	2.33	43	101582	11.045 ug/L #	54
16) Methylene chloride	2.69	84	20937	1.246 ug/L	98
17) Methyl tert-butyl Ether	3.00	73	202128	4.386 ug/L	100
19) 1,1-Dichloroethane	3.44	63	122352	4.540 ug/L	99
21) 2-Butanone	4.27	43	297937	60.993 ug/L	99
27) 1,2-Dichloroethane	5.40	62	69172	3.600 ug/L	99
29) 1,1,1-Trichloroethane	4.90	97	105132	4.370 ug/L	98
30) Cyclohexane	4.98	56	144022	5.512 ug/L	98
31) Carbon tetrachloride	4.90	117	12792	0.603 ug/L	98
34) Trichloroethene	6.18	95	41164	2.628 ug/L	98
35) Methylcyclohexane	6.41	83	82988	3.176 ug/L	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

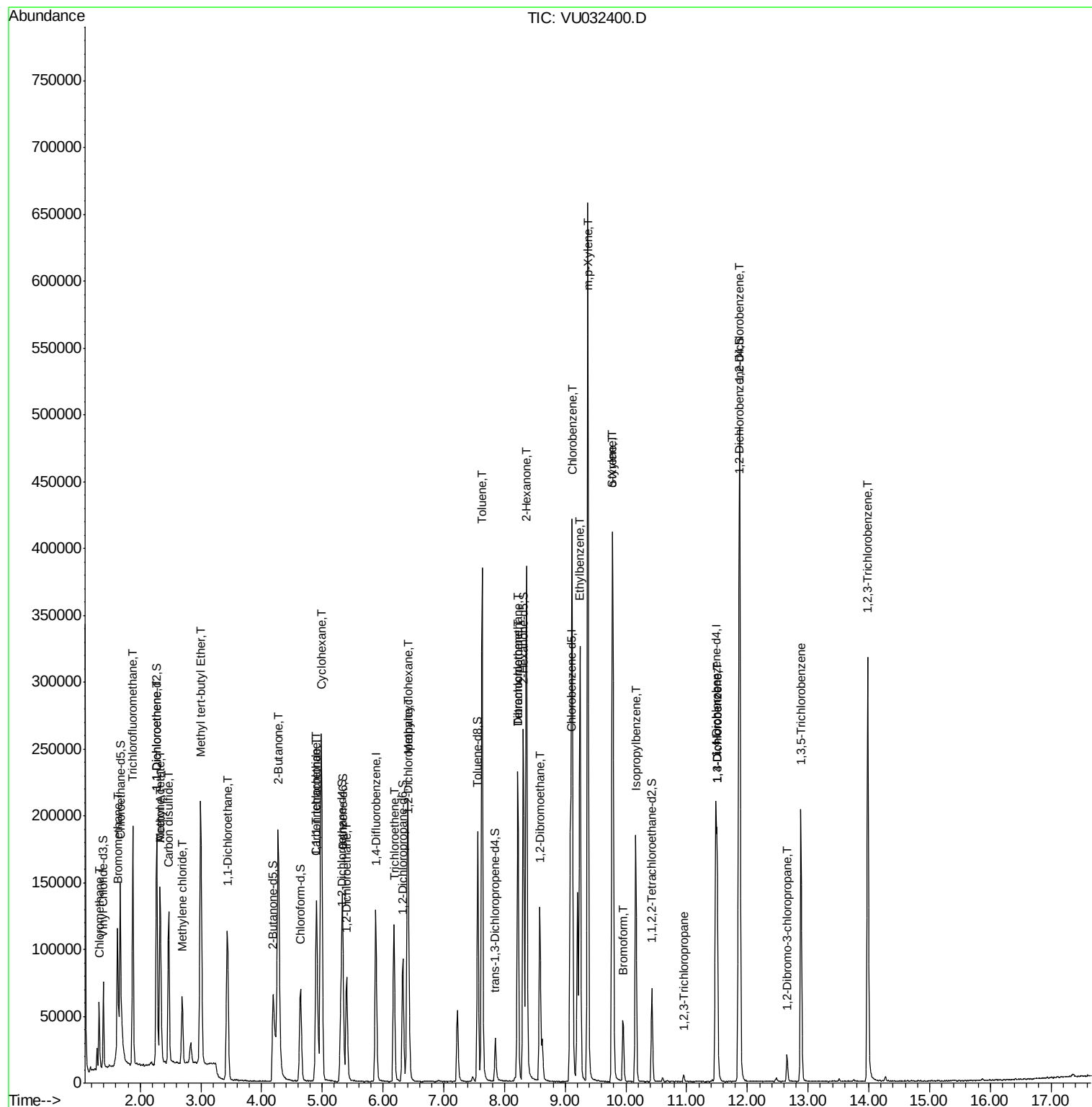
37) 1,2-Dichloropropane	6.43	63	17926	1.140	ug/L	100
42) Toluene	7.63	91	271542	4.363	ug/L	100
47) Tetrachloroethene	8.22	164	46894	4.282	ug/L	98
48) 2-Hexanone	8.36	43	253043	29.200	ug/L	99
49) Dibromochloromethane	8.22	129	47735	3.504	ug/L #	12
50) 1,2-Dibromoethane	8.58	107	84538	7.674	ug/L	96
51) Chlorobenzene	9.11	112	204982	5.228	ug/L	98
52) Ethylbenzene	9.24	91	228238	3.195	ug/L	99
53) m,p-Xylene	9.37	106	169132	6.452	ug/L	99
54) o-Xylene	9.77	106	68853	2.656	ug/L	97
55) Styrene	9.79	104	117974	2.698	ug/L	98
56) Isopropylbenzene	10.16	105	115147	1.665	ug/L	99
59) 1,2,3-Trichloropropane	10.95	75	2010	0.197	ug/L #	42
61) Bromoform	9.95	173	19656	2.556	ug/L	98
62) 1,3-Dichlorobenzene	11.50	146	62253	2.137	ug/L	97
63) 1,4-Dichlorobenzene	11.50	146	62253	2.120	ug/L	94
65) 1,2-Dichlorobenzene	11.87	146	164225	5.897	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.65	75	5528	2.091	ug/L	97
67) 1,3,5-Trichlorobenzene	12.88	180	60465	2.685	ug/L	98
70) 1,2,3-Trichlorobenzene	13.98	180	93483	5.142	ug/L	99

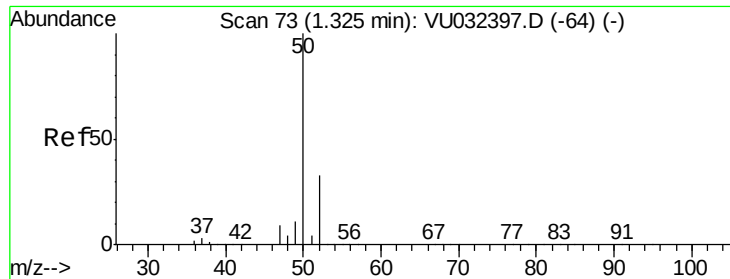
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 1.871 ug/L

RT: 1.32 min Scan# 73

Delta R.T. 0.00 min

Lab File: VU032400.D

Acq: 03 Jun 2019 18:07

Instrument :

MSVOA_U

ClientSampleId :

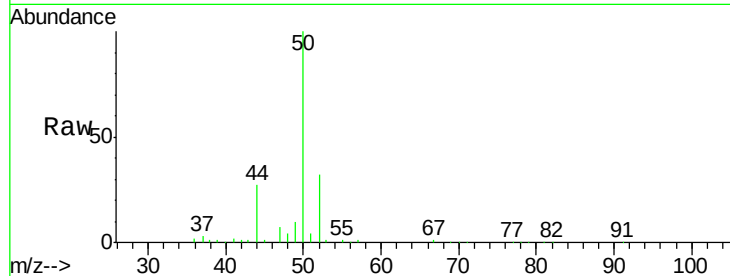
GALE8

Tot Ion: 50 Resp: 34866

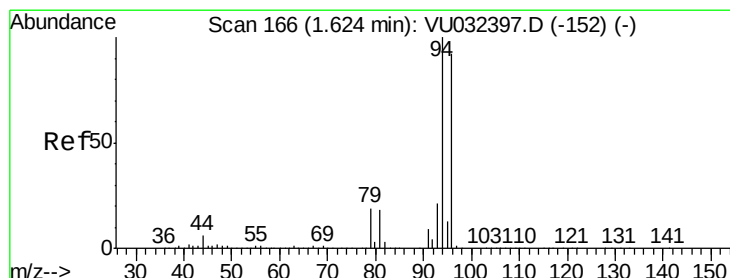
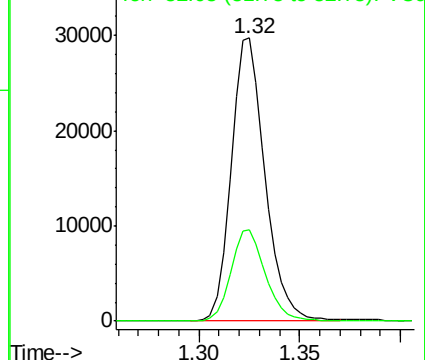
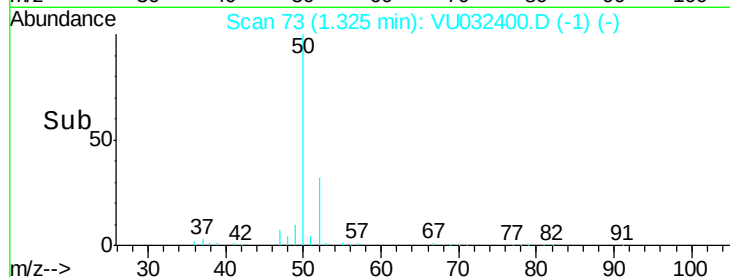
Ion Ratio Lower Upper

50 100

52 32.4 23.0 42.8



Abundance Ion 50.05 (49.75 to 50.75): VU032400.D (-1) (-)



#6

Bromomethane

Concen: 2.198 ug/L

RT: 1.62 min Scan# 166

Delta R.T. 0.00 min

Lab File: VU032400.D

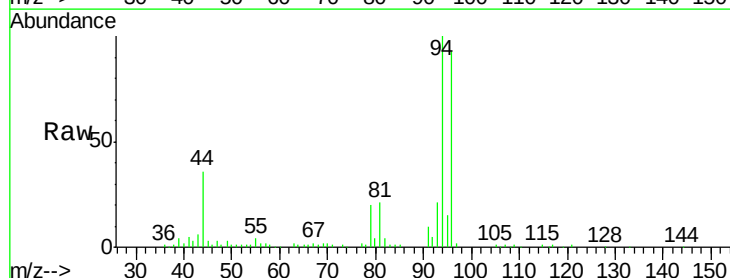
Acq: 03 Jun 2019 18:07

Tgt Ion: 94 Resp: 31928

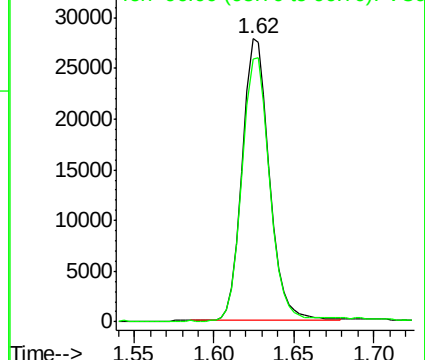
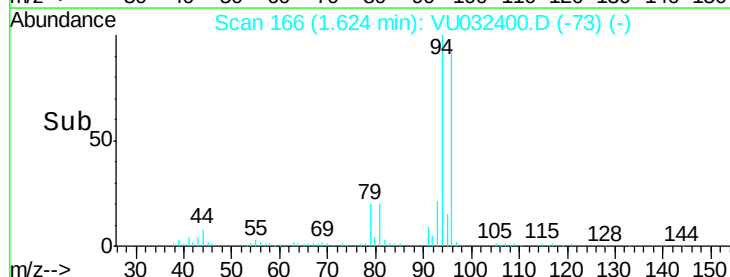
Ion Ratio Lower Upper

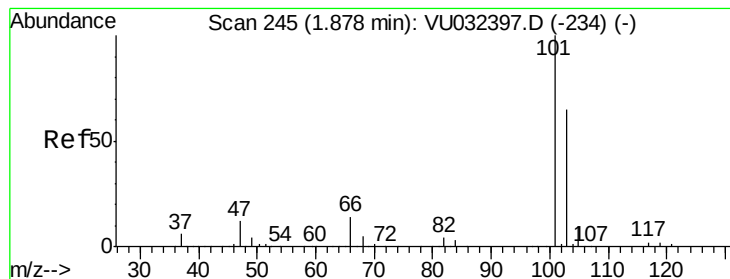
94 100

96 93.0 64.2 119.2



Abundance Ion 94.00 (93.70 to 94.70): VU032400.D (-73) (-)



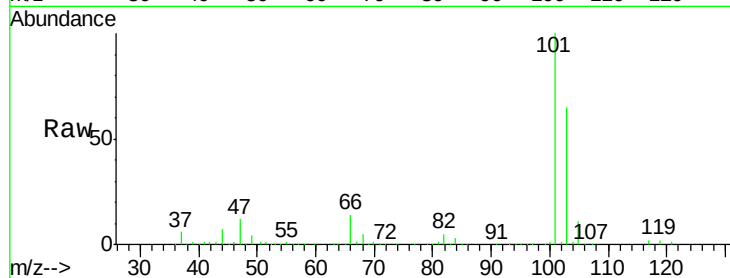


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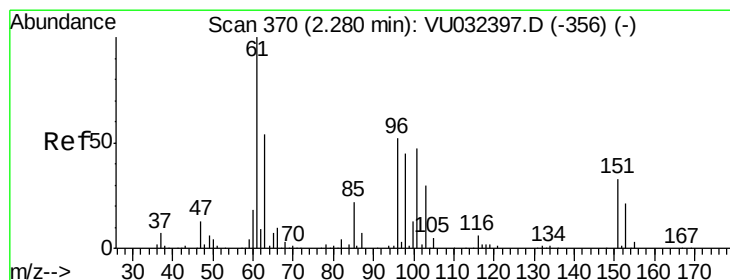
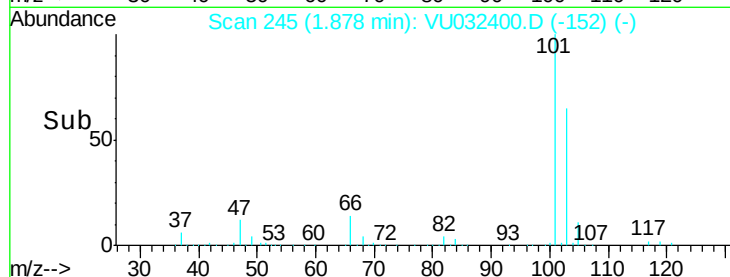
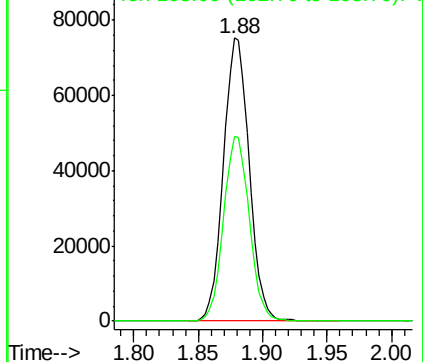
Trichlorofluoromethane
Concen: 3.589 ug/L
RT: 1.88 min Scan# 245
Delta R.T. 0.00 min
Lab File: VU032400.D
Acq: 03 Jun 2019 18:07

Instrument :
MSVOA_U
ClientSampleId :
GALE8

Tot Ion:101 Resp: 104477
Ion Ratio Lower Upper
101 100
103 64.9 51.3 76.9



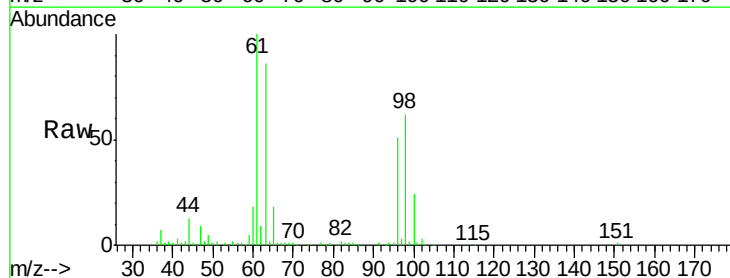
Abundance Ion 101.00 (100.70 to 101.70): V
Ion 103.00 (102.70 to 103.70): V



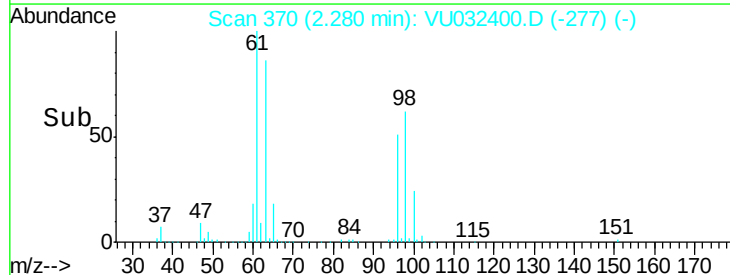
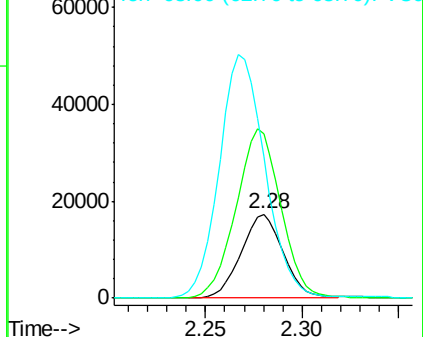
#12

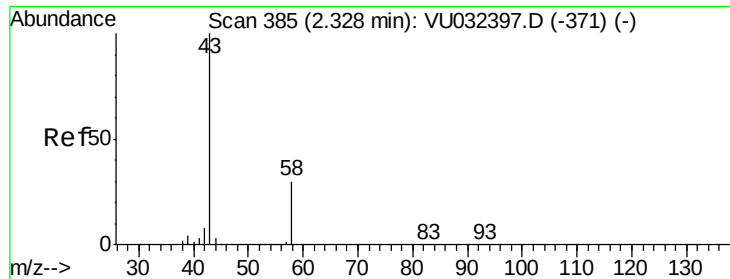
1,1-Dichloroethene
Concen: 1.779 ug/L
RT: 2.28 min Scan# 370
Delta R.T. 0.00 min
Lab File: VU032400.D
Acq: 03 Jun 2019 18:07

Tgt Ion: 96 Resp: 25720
Ion Ratio Lower Upper
96 100
61 195.7 133.6 248.0
63 167.6 72.4 134.4#



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: 41.674 ug/L

RT: 2.33 min Scan# 386

Delta R.T. 0.00 min

Lab File: VU032400.D

Acq: 03 Jun 2019 18:07

Instrument :

MSVOA_U

ClientSampleId :

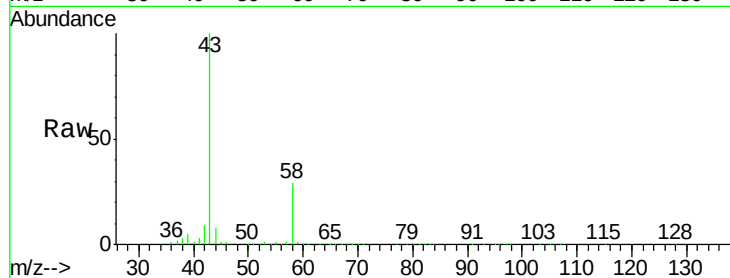
GALE8

Tot Ion: 43 Resp: 159898

Ion Ratio Lower Upper

43 100

58 30.1 0.0 62.2



Abundance Ion 43.05 (42.75 to 43.75): VU032397.D (-371) (-)

Ion 58.05 (57.75 to 58.75): VU032397.D (-371) (-)

2.33

80000

60000

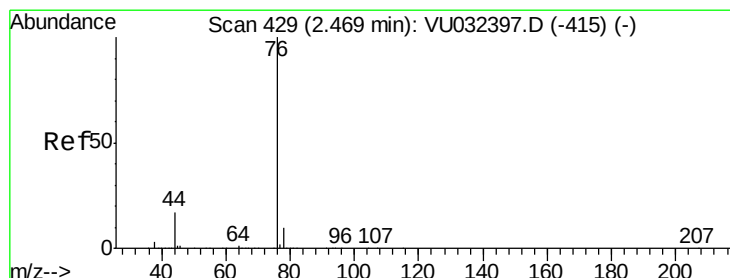
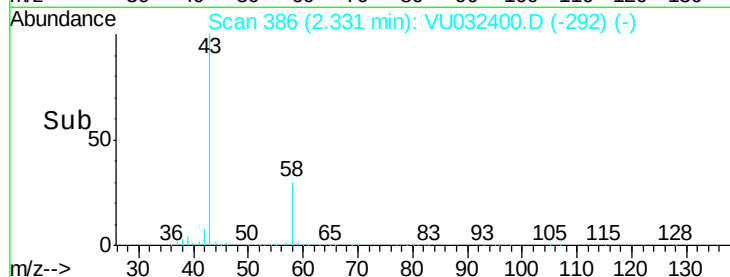
40000

20000

0

Time-->

2.25 2.30 2.35 2.40 2.45



#14

Carbon disulfide

Concen: 2.701 ug/L

RT: 2.47 min Scan# 429

Delta R.T. 0.00 min

Lab File: VU032400.D

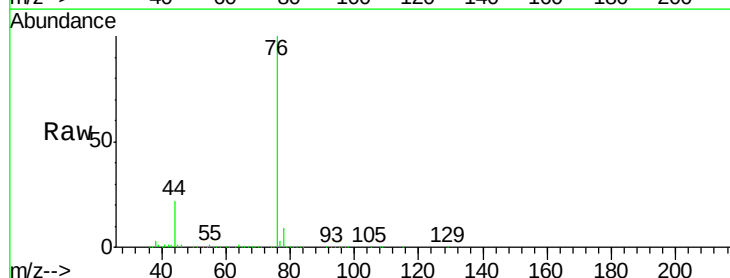
Acq: 03 Jun 2019 18:07

Tgt Ion: 76 Resp: 130135

Ion Ratio Lower Upper

76 100

78 8.9 7.6 11.4



Abundance Ion 76.05 (75.75 to 76.75): VU032397.D (-415) (-)

Ion 78.00 (77.70 to 78.70): VU032397.D (-415) (-)

2.47

80000

60000

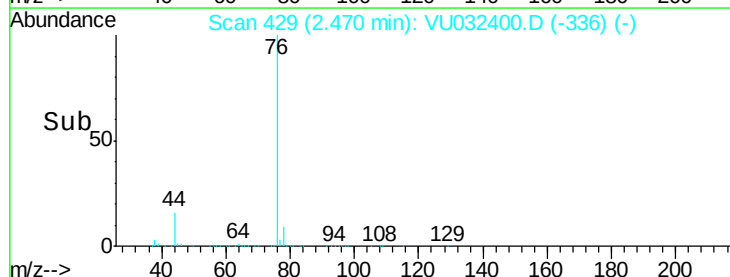
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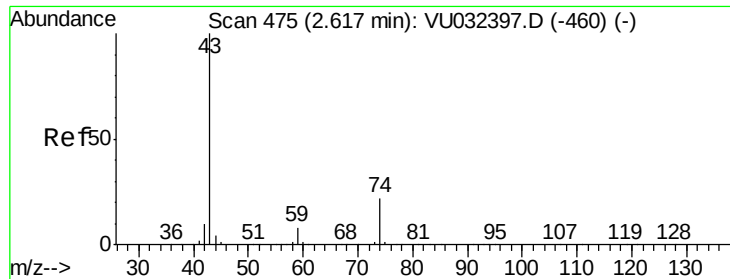
20000

0

Time-->

2.40 2.45 2.50 2.55





#15

Methyl Acetate

Concen: 11.045 ug/L

RT: 2.33 min Scan# 386

Delta R.T. -0.29 min

Lab File: VU032400.D

Acq: 03 Jun 2019 18:07

Instrument :

MSVOA_U

ClientSampleId :

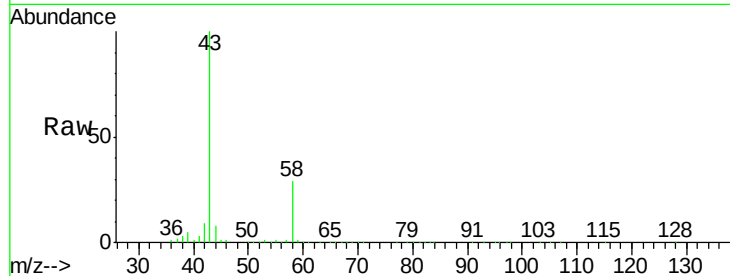
GALE8

Tot Ion: 43 Resp: 101582

Ion Ratio Lower Upper

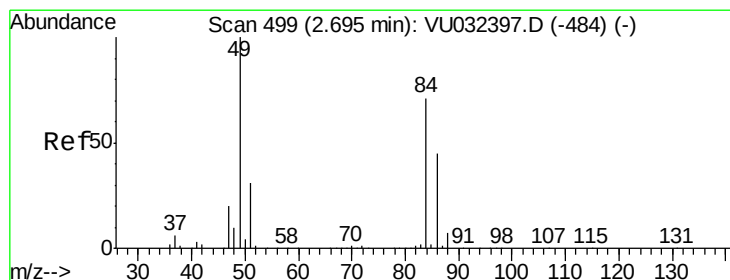
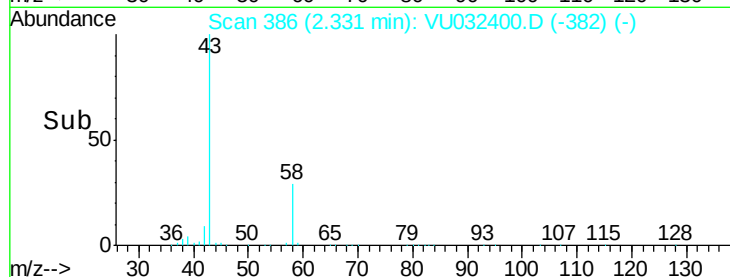
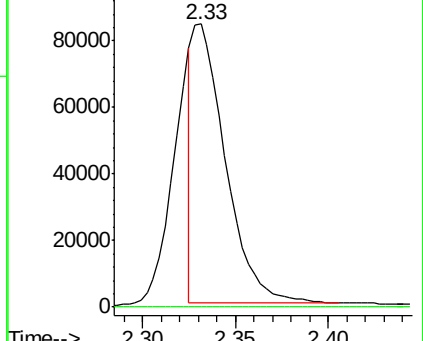
43 100

74 0.1 17.7 26.5#



Abundance Ion 43.05 (42.75 to 43.75): VU032400.D (-382) (-)

Ion 74.05 (73.75 to 74.75): VU032400.D (-382) (-)



#16

Methylene chloride

Concen: 1.246 ug/L

RT: 2.69 min Scan# 498

Delta R.T. -0.00 min

Lab File: VU032400.D

Acq: 03 Jun 2019 18:07

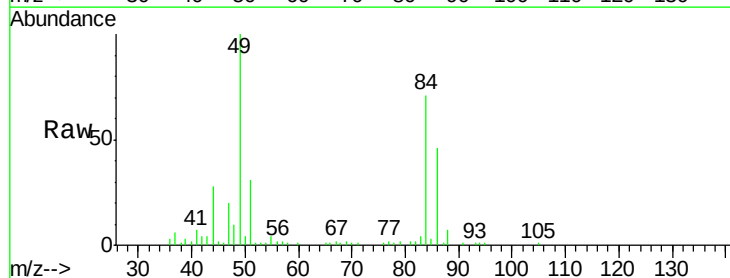
Tgt Ion: 84 Resp: 20937

Ion Ratio Lower Upper

84 100

86 64.9 43.8 81.4

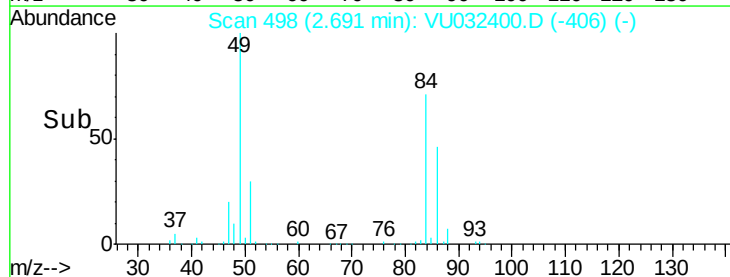
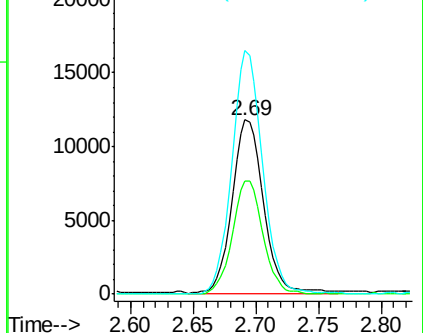
49 140.0 98.8 183.6

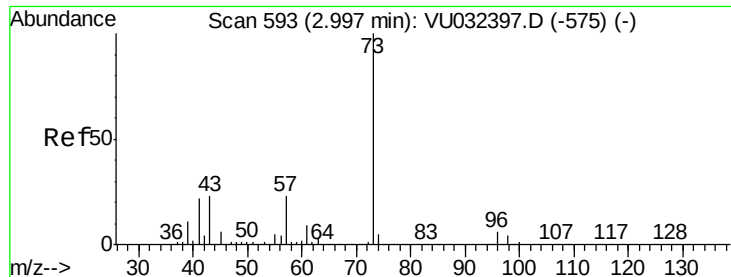


Abundance Ion 84.05 (83.75 to 84.75): VU032400.D (-406) (-)

Ion 86.00 (85.70 to 86.70): VU032400.D (-406) (-)

Ion 49.10 (48.80 to 49.80): VU032400.D (-406) (-)

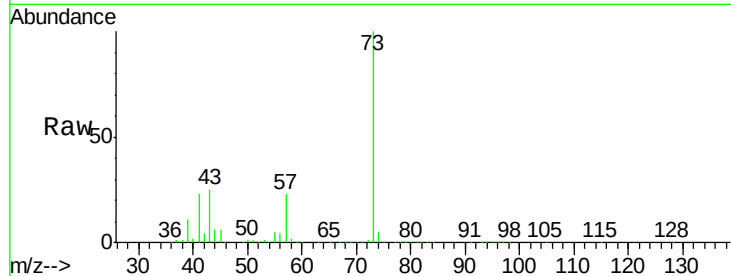




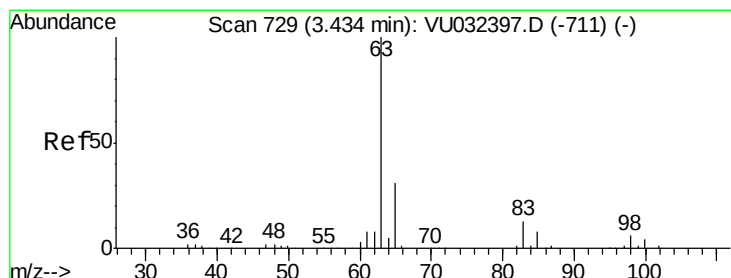
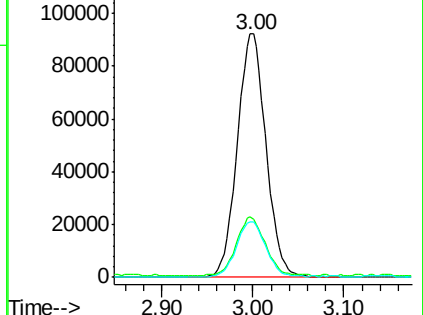
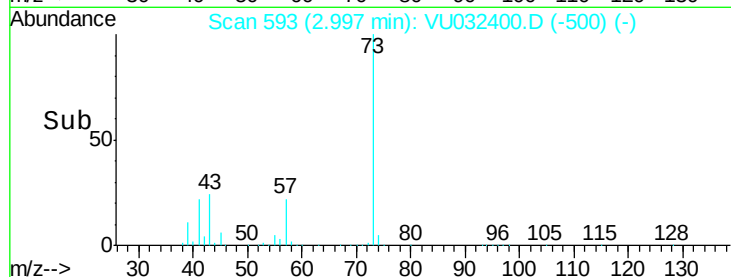
#17
Methvl tert-butvl Ether
Concen: 4.386 ug/L
RT: 3.00 min Scan# 593
Delta R.T. 0.00 min
Lab File: VU032400.D
Acq: 03 Jun 2019 18:07

Instrument :
MSVOA_U
ClientSampleId :
GALE8

Tot Ion: 73 Resp: 202128
Ion Ratio Lower Upper
73 100
43 23.7 19.0 28.4
57 22.9 18.6 28.0

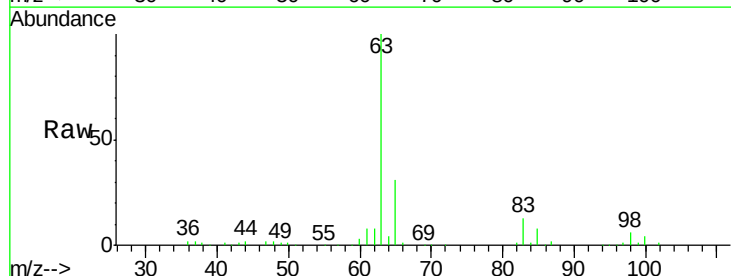


Abundance Ion 73.10 (72.80 to 73.80): VU0
Ion 43.05 (42.75 to 43.75): VU0
Ion 57.10 (56.80 to 57.80): VU0

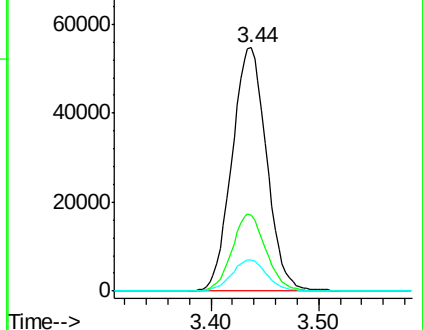
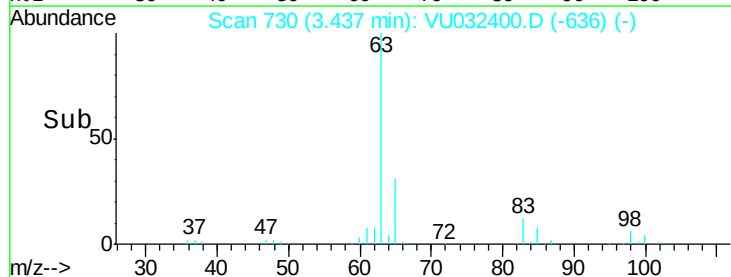


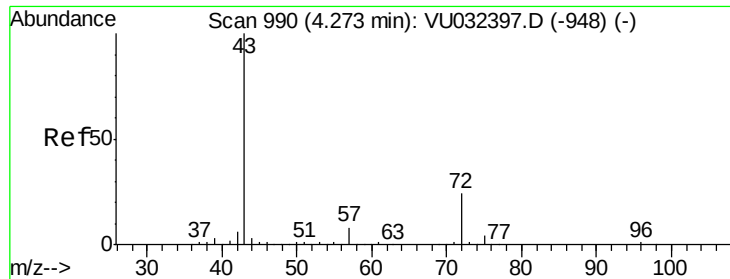
#19
1,1-Dichloroethane
Concen: 4.540 ug/L
RT: 3.44 min Scan# 730
Delta R.T. 0.00 min
Lab File: VU032400.D
Acq: 03 Jun 2019 18:07

Tgt Ion: 63 Resp: 122352
Ion Ratio Lower Upper
63 100
65 31.1 22.5 41.7
83 12.6 9.0 16.8



Abundance Ion 63.10 (62.80 to 63.80): VU0
Ion 65.10 (64.80 to 65.80): VU0
Ion 83.05 (82.75 to 83.75): VU0





#21

2-Butanone

Concen: 60.993 ug/L

RT: 4.27 min Scan# 990

Delta R.T. 0.00 min

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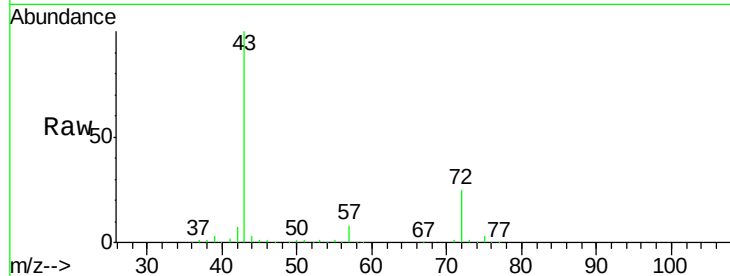
GALE8

Tot Ion: 43 Resp: 297937

Ion Ratio Lower Upper

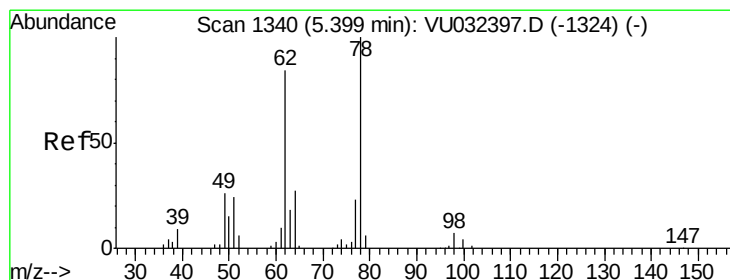
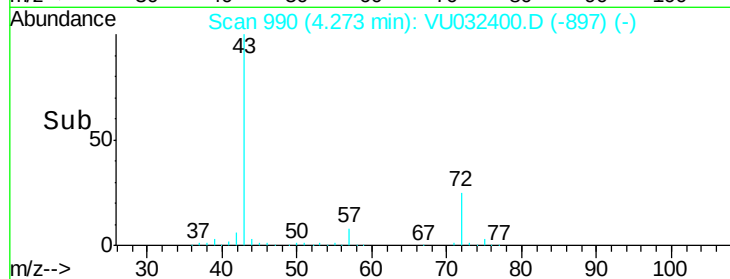
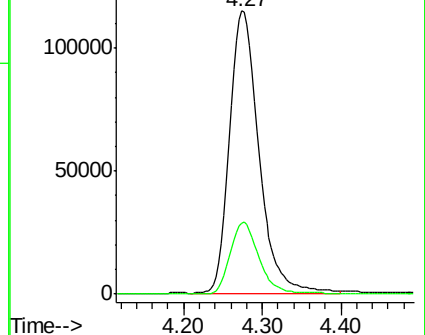
43 100

72 25.3 12.4 37.2



Abundance Ion 43.05 (42.75 to 43.75): VU032397.D (-948) (-)

Ion 72.10 (71.80 to 72.80): VU032397.D (-948) (-)



#27

1,2-Dichloroethane

Concen: 3.600 ug/L

RT: 5.40 min Scan# 1340

Delta R.T. 0.00 min

Lab File: VU032400.D

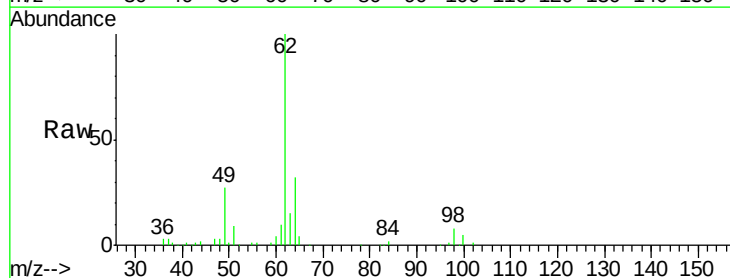
Acq: 03 Jun 2019 18:07

Tgt Ion: 62 Resp: 69172

Ion Ratio Lower Upper

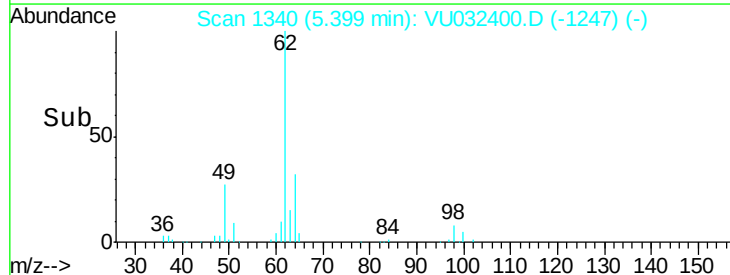
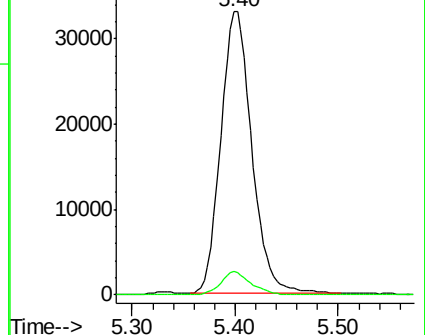
62 100

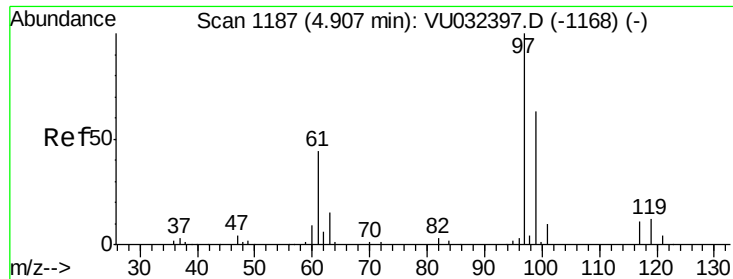
98 8.3 6.2 9.4



Abundance Ion 62.00 (61.70 to 62.70): VU032397.D (-1324) (-)

Ion 98.05 (97.75 to 98.75): VU032397.D (-1324) (-)

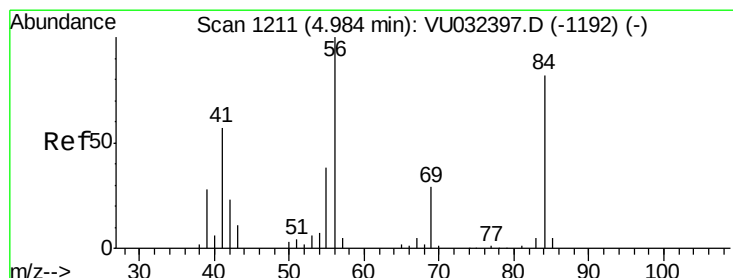
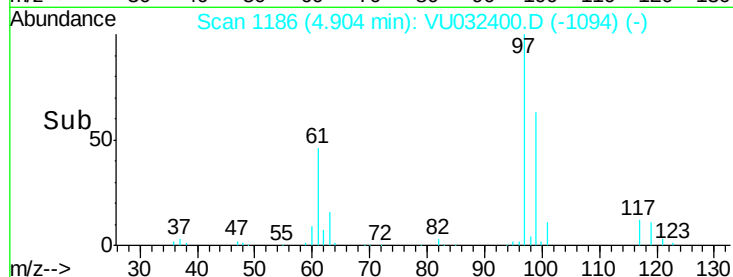
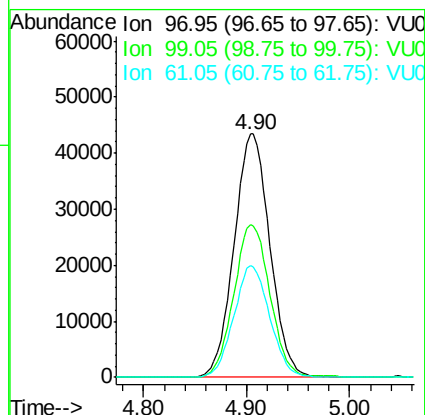
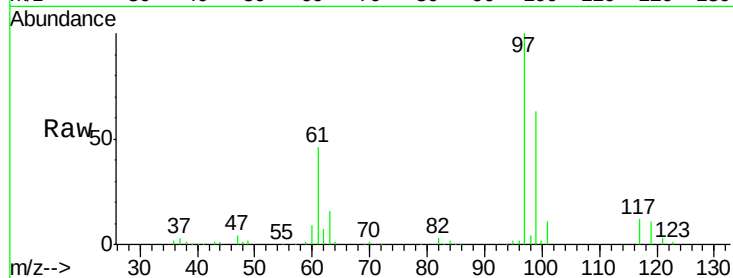




#29
 1,1,1-Trichloroethane
 Concen: 4.370 ug/L
 RT: 4.90 min Scan# 1186
 Delta R.T. -0.00 min
 Lab File: VU032400.D
 Acq: 03 Jun 2019 18:07

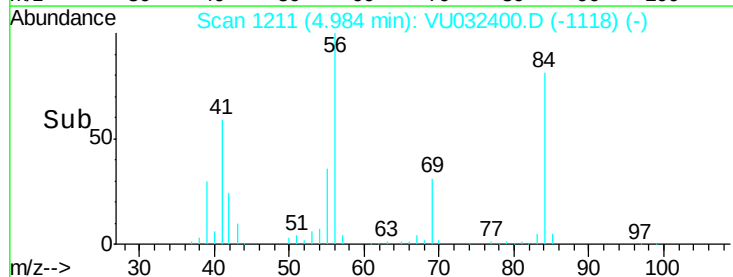
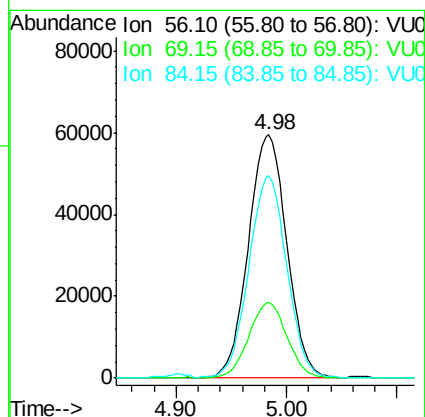
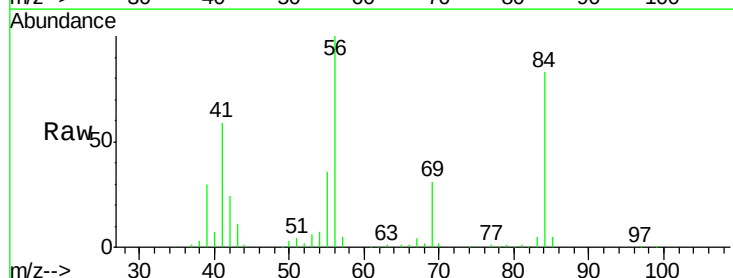
Instrument :
 MSVOA_U
 ClientSampleID :
 GALE8

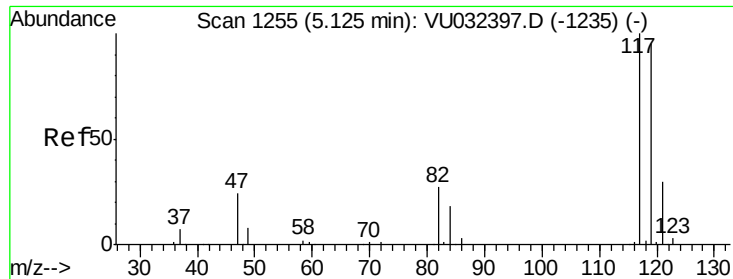
Tot Ion: 97 Resp: 105132
 Ion Ratio Lower Upper
 97 100
 99 63.2 51.6 77.4
 61 45.9 37.7 56.5



#30
 Cyclohexane
 Concen: 5.512 ug/L
 RT: 4.98 min Scan# 1211
 Delta R.T. 0.00 min
 Lab File: VU032400.D
 Acq: 03 Jun 2019 18:07

Tgt Ion: 56 Resp: 144022
 Ion Ratio Lower Upper
 56 100
 69 30.8 24.2 36.4
 84 82.5 64.3 96.5





#31

Carbon tetrachloride

Concen: 0.603 ug/L

RT: 4.90 min Scan# 1186

Delta R.T. -0.22 min

Lab File: VU032400.D

Acq: 03 Jun 2019 18:07

Instrument :

MSVOA_U

ClientSampleId :

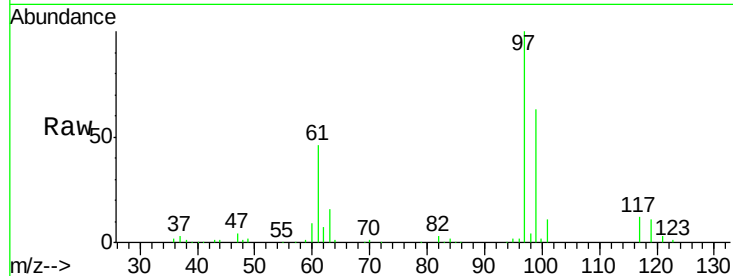
GALE8

Tot Ion:117 Resp: 12792

Ion Ratio Lower Upper

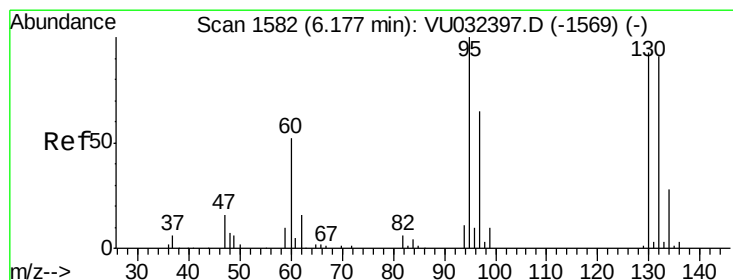
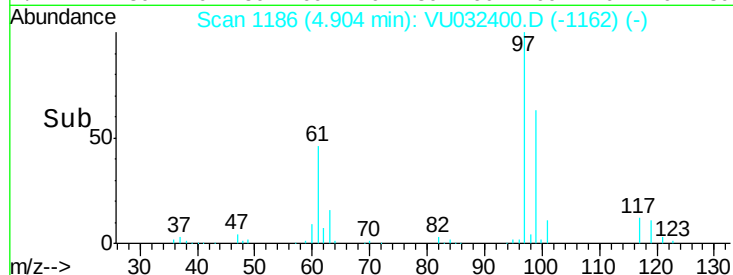
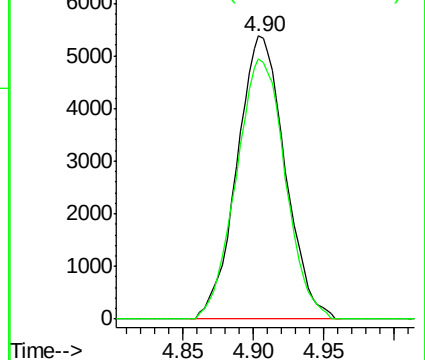
117 100

119 93.9 77.0 115.4



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 118.90 (118.60 to 119.60): V



#34

Trichloroethene

Concen: 2.628 ug/L

RT: 6.18 min Scan# 1583

Delta R.T. 0.00 min

Lab File: VU032400.D

Acq: 03 Jun 2019 18:07

Tgt Ion: 95 Resp: 41164

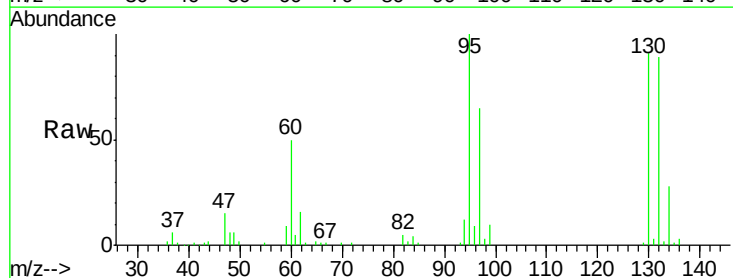
Ion Ratio Lower Upper

95 100

97 64.6 45.8 85.0

132 89.4 63.1 117.1

130 90.9 66.0 122.6

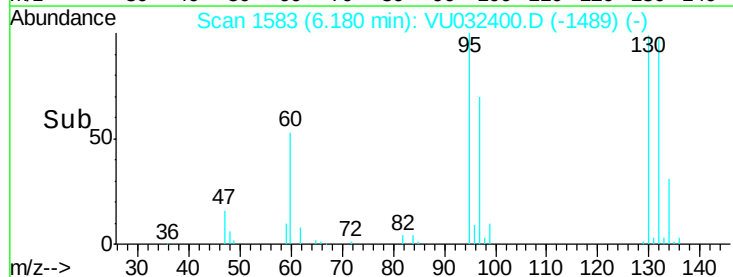
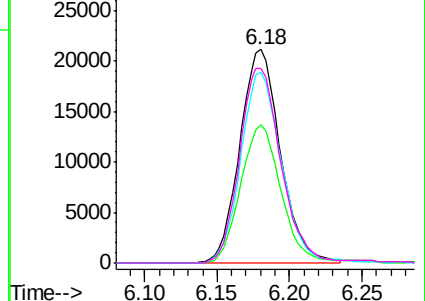


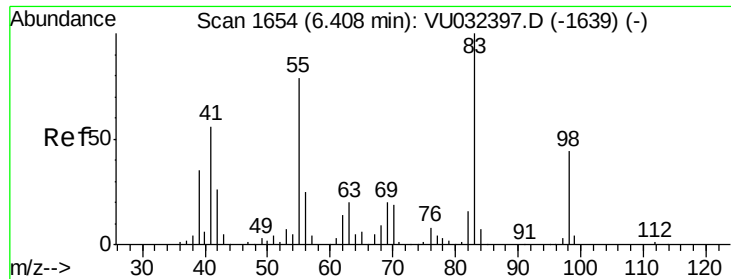
Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 96.95 (96.65 to 97.65): VU0

Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V

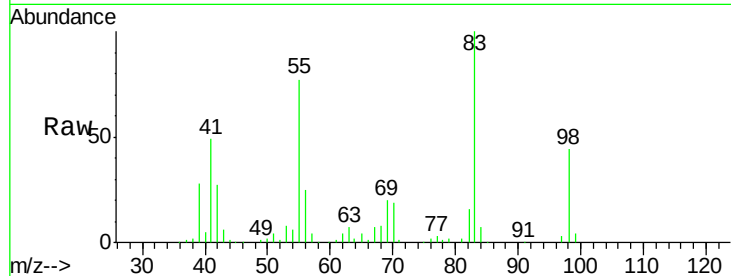




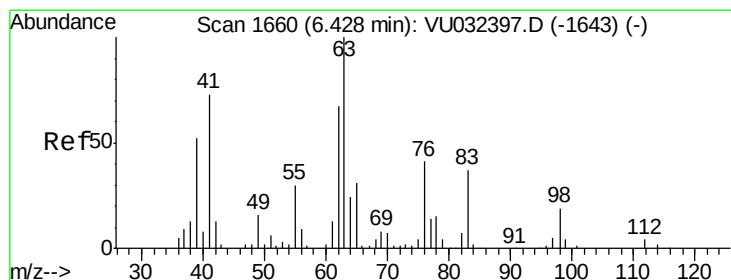
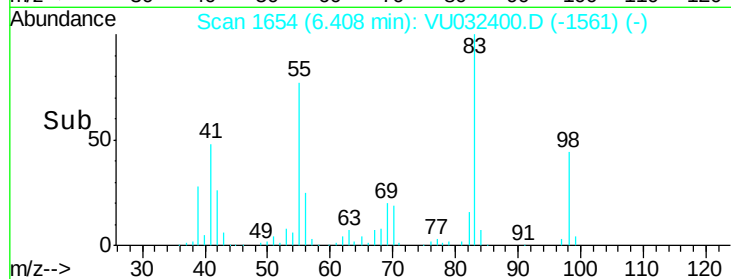
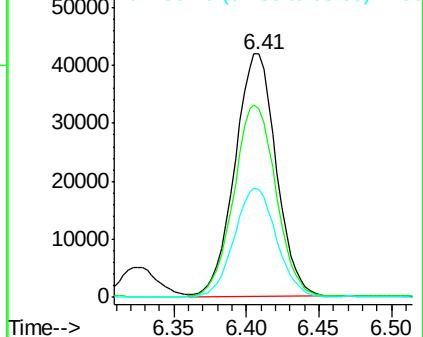
#35
Methylvlcyclohexane
Concen: 3.176 ug/L
RT: 6.41 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VU032400.D
Acq: 03 Jun 2019 18:07

Instrument :
MSVOA_U
ClientSampleId :
GALE8

Tot Ion: 83 Resp: 82988
Ion Ratio Lower Upper
83 100
55 80.5 64.7 97.1
98 45.9 35.9 53.9

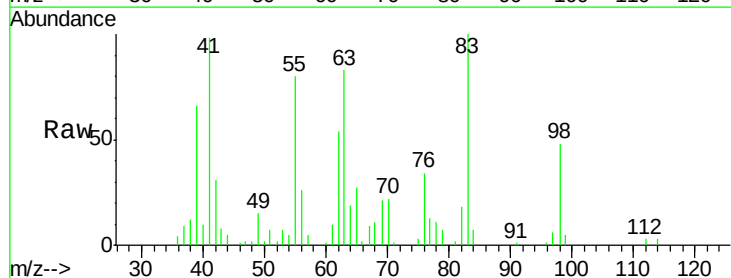


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

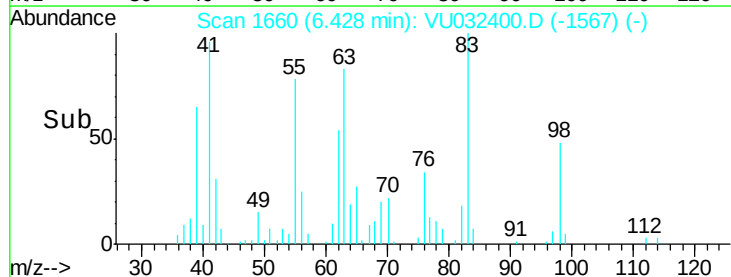
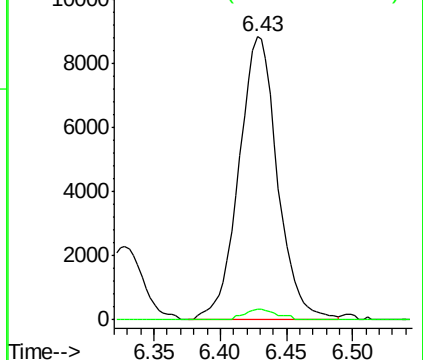


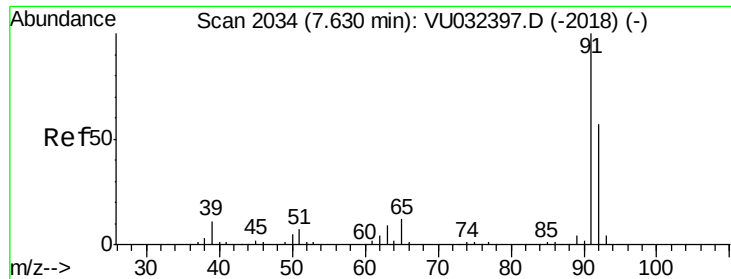
#37
1,2-Dichloropropane
Concen: 1.140 ug/L
RT: 6.43 min Scan# 1660
Delta R.T. 0.00 min
Lab File: VU032400.D
Acq: 03 Jun 2019 18:07

Tgt Ion: 63 Resp: 17926
Ion Ratio Lower Upper
63 100
112 3.2 2.6 4.0



Abundance Ion 63.10 (62.80 to 63.80): VU0
Ion 112.10 (111.80 to 112.80): V





#42

Toluene

Concen: 4.363 ug/L

RT: 7.63 min Scan# 2034

Delta R.T. 0.00 min

Lab File: VU032400.D

Acq: 03 Jun 2019 18:07

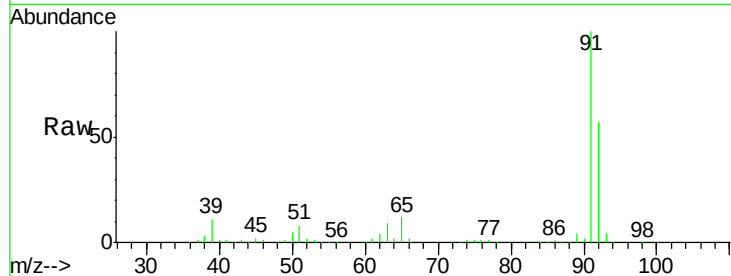
Instrument :
MSVOA_U
ClientSampleId :
GALE8

Tot Ion: 91 Resp: 271542

Ion Ratio Lower Upper

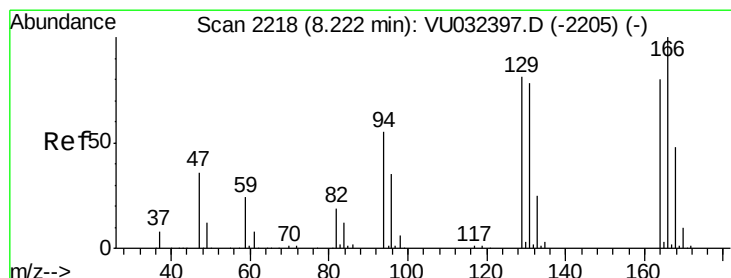
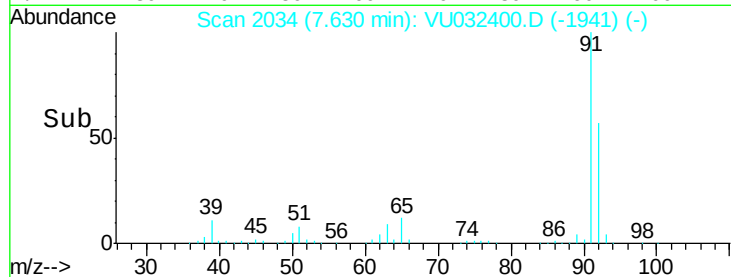
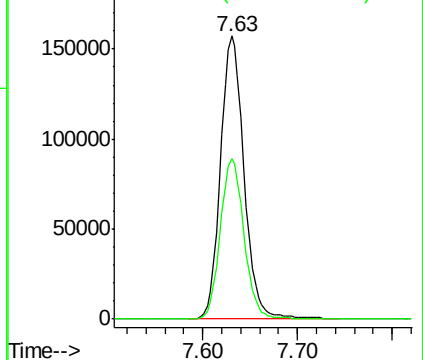
91 100

92 56.8 40.0 74.2



Abundance Ion 91.15 (90.85 to 91.85): VU032400.D (-2141) (-)

Ion 92.15 (91.85 to 92.85): VU032400.D (-2141) (-)



#47

Tetrachloroethene

Concen: 4.282 ug/L

RT: 8.22 min Scan# 2218

Delta R.T. 0.00 min

Lab File: VU032400.D

Acq: 03 Jun 2019 18:07

Tgt Ion: 164 Resp: 46894

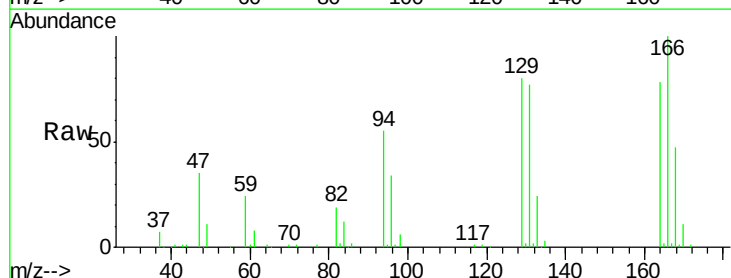
Ion Ratio Lower Upper

164 100

129 102.2 72.1 133.9

131 98.4 71.9 133.5

166 128.0 89.0 165.4

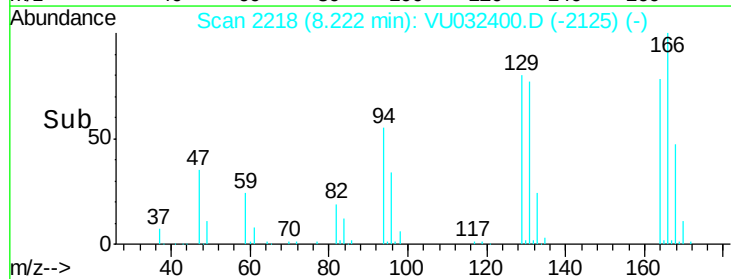
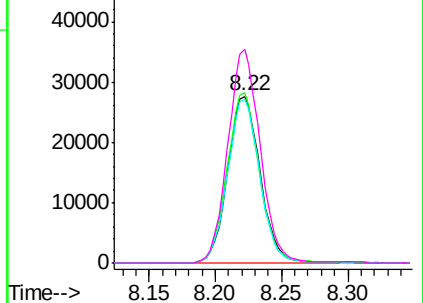


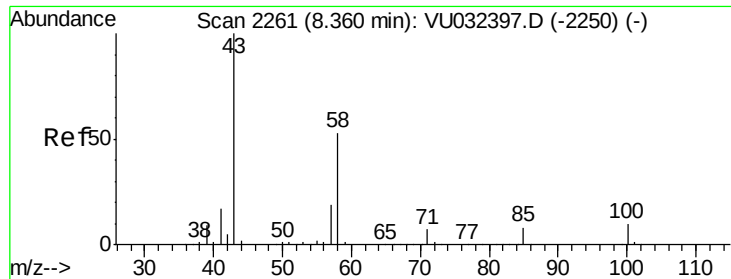
Abundance Ion 163.90 (163.60 to 164.60): VU032400.D (-2125) (-)

Ion 128.95 (128.65 to 129.65): VU032400.D (-2125) (-)

Ion 130.95 (130.65 to 131.65): VU032400.D (-2125) (-)

Ion 165.90 (165.60 to 166.60): VU032400.D (-2125) (-)





#48

2-Hexanone

Concen: 29.200 ug/L

RT: 8.36 min Scan# 2261

Delta R.T. 0.00 min

Lab File: VU032400.D

Acq: 03 Jun 2019 18:07

Instrument :

MSVOA_U

ClientSampleId :

GALE8

Tot Ion: 43 Resp: 253043

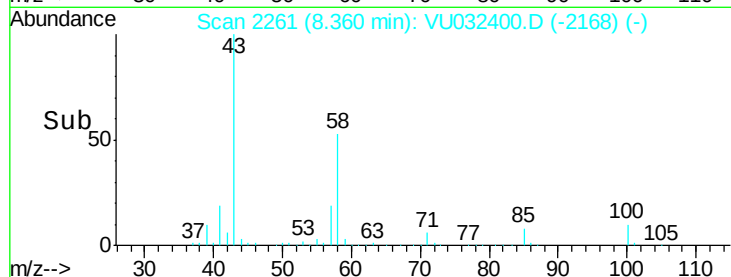
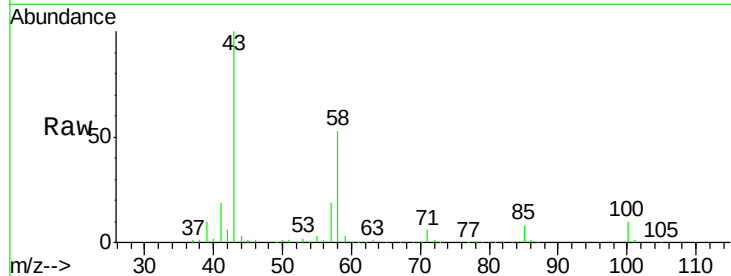
Ion Ratio Lower Upper

43 100

58 52.0 41.3 61.9

57 18.5 14.5 21.7

100 10.2 8.2 12.2

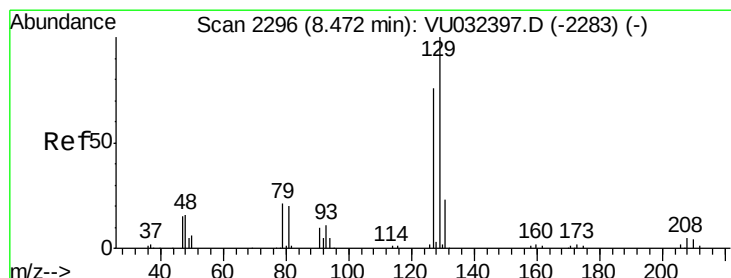
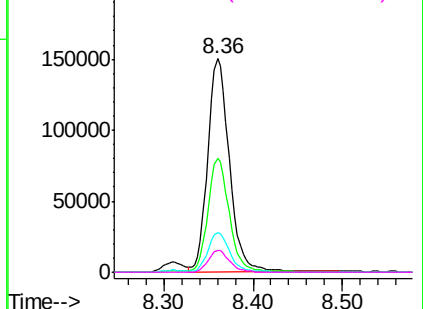


Abundance Ion 43.05 (42.75 to 43.75): VU0

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: 3.504 ug/L

RT: 8.22 min Scan# 2218

Delta R.T. -0.25 min

Lab File: VU032400.D

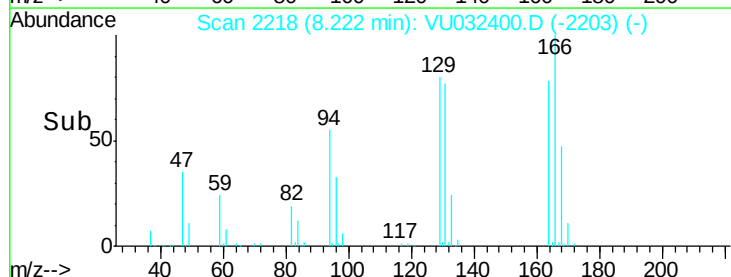
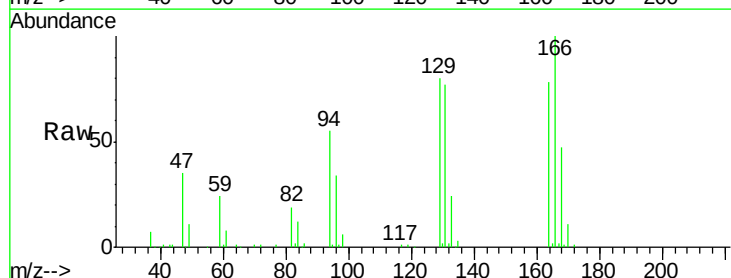
Acq: 03 Jun 2019 18:07

Tgt Ion: 129 Resp: 47735

Ion Ratio Lower Upper

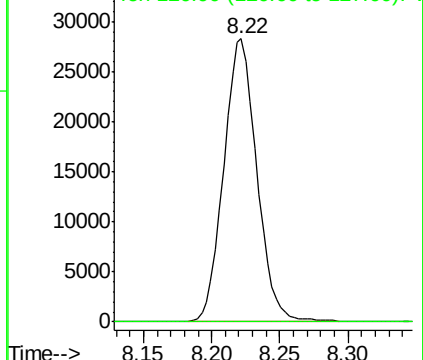
129 100

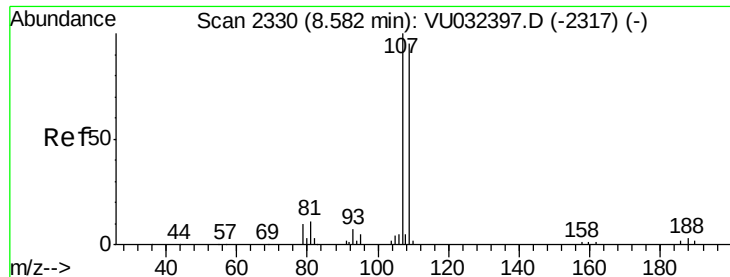
127 0.0 52.6 97.8#



Abundance Ion 128.95 (128.65 to 129.65): V

Ion 126.90 (126.60 to 127.60): V

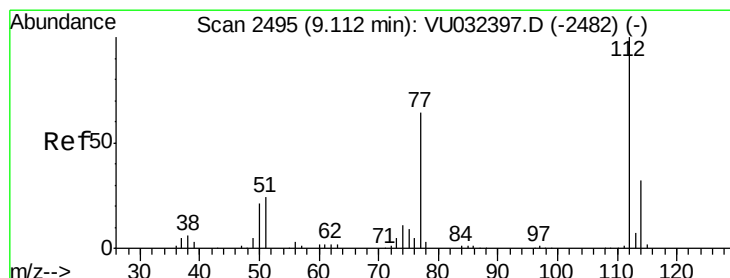
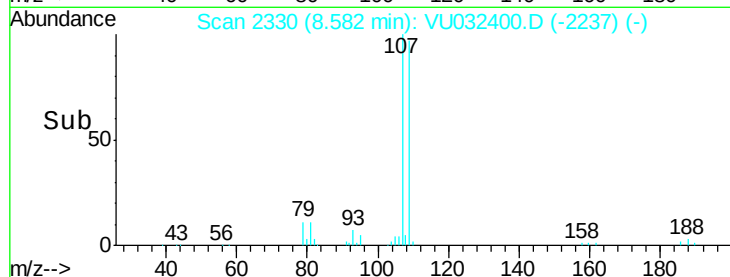
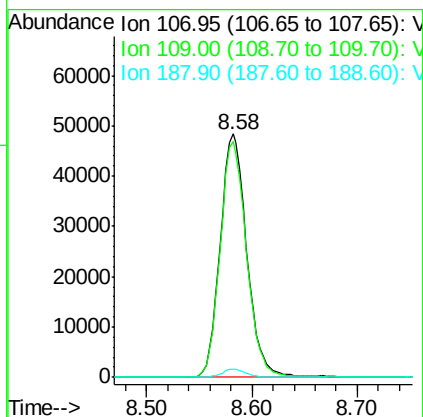
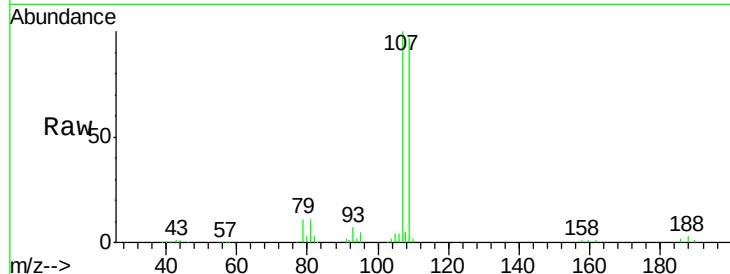




#50
1,2-Dibromoethane
Concen: 7.674 ug/L
RT: 8.58 min Scan# 2330
Delta R.T. 0.00 min
Lab File: VU032400.D
Acq: 03 Jun 2019 18:07

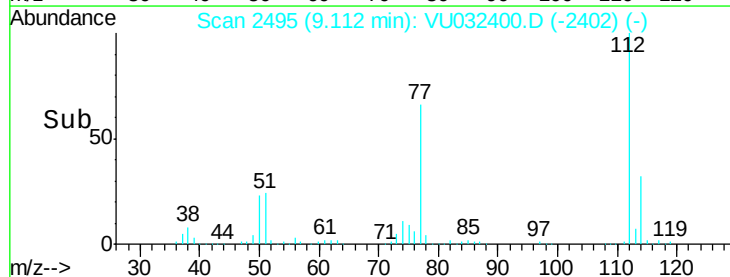
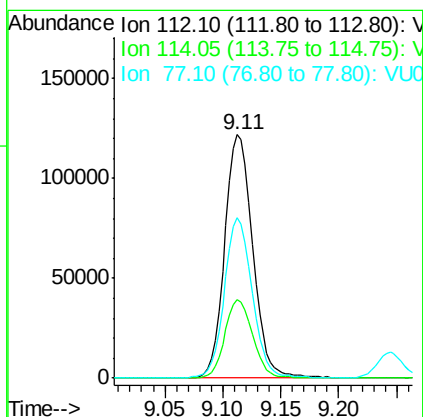
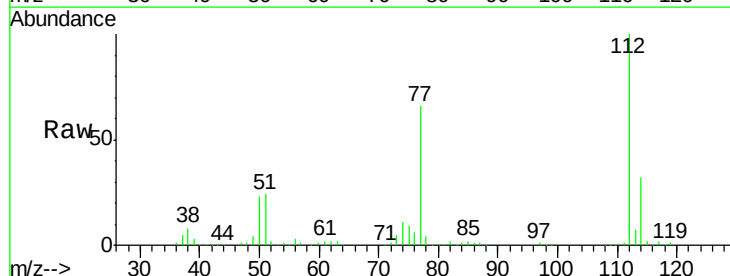
Instrument :
MSVOA_U
ClientSampleId :
GALE8

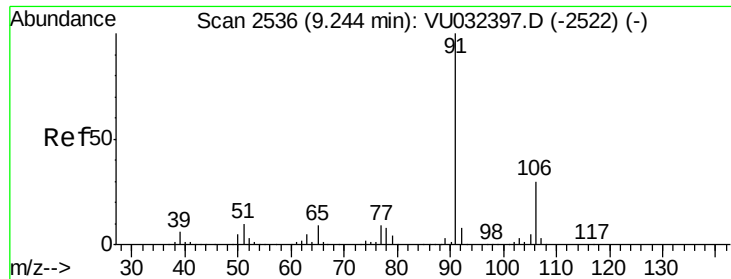
Tot Ion:107 Resp: 84538
Ion Ratio Lower Upper
107 100
109 97.0 65.3 121.3
188 3.5 2.6 3.8



#51
Chlorobenzene
Concen: 5.228 ug/L
RT: 9.11 min Scan# 2495
Delta R.T. 0.00 min
Lab File: VU032400.D
Acq: 03 Jun 2019 18:07

Tgt Ion:112 Resp: 204982
Ion Ratio Lower Upper
112 100
114 32.2 22.1 41.1
77 65.8 51.0 76.6





#52

Ethylbenzene

Concen: 3.195 ug/L

RT: 9.24 min Scan# 2536

Delta R.T. 0.00 min

Lab File: VU032400.D

Acq: 03 Jun 2019 18:07

Instrument :

MSVOA_U

ClientSampleId :

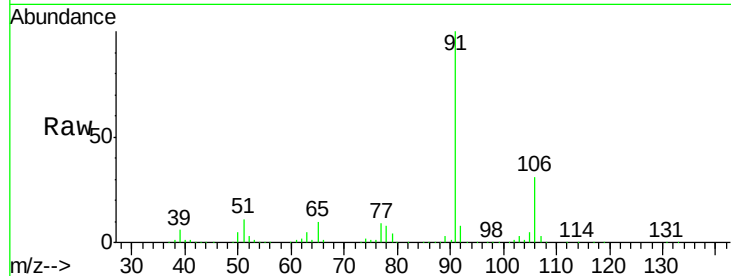
GALE8

Tot Ion: 91 Resp: 228238

Ion Ratio Lower Upper

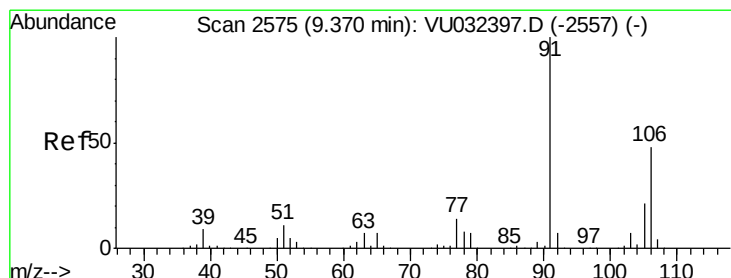
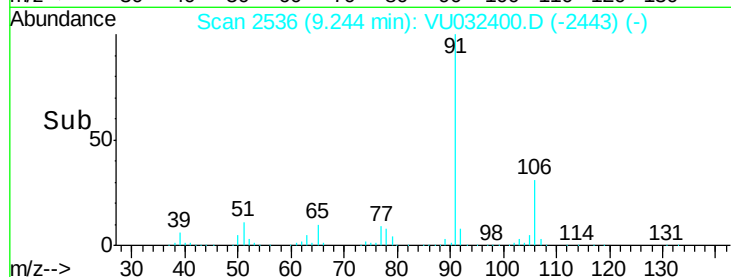
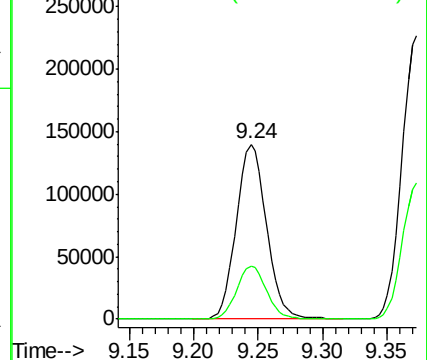
91 100

106 30.6 21.1 39.3



Abundance Ion 91.15 (90.85 to 91.85): VU0

Ion 106.15 (105.85 to 106.85): V



#53

m,p-Xylene

Concen: 6.452 ug/L

RT: 9.37 min Scan# 2576

Delta R.T. 0.00 min

Lab File: VU032400.D

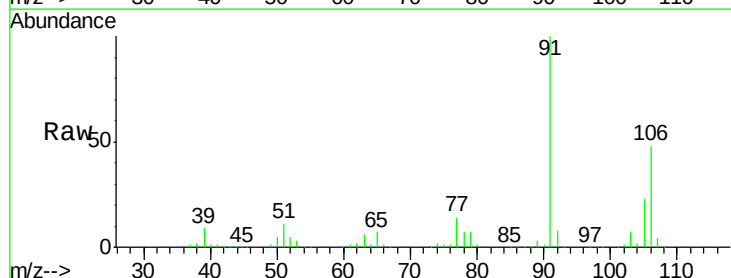
Acq: 03 Jun 2019 18:07

Tgt Ion: 106 Resp: 169132

Ion Ratio Lower Upper

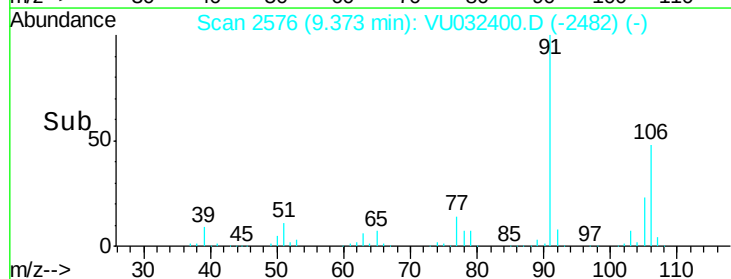
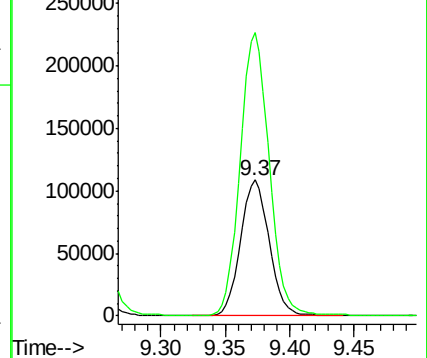
106 100

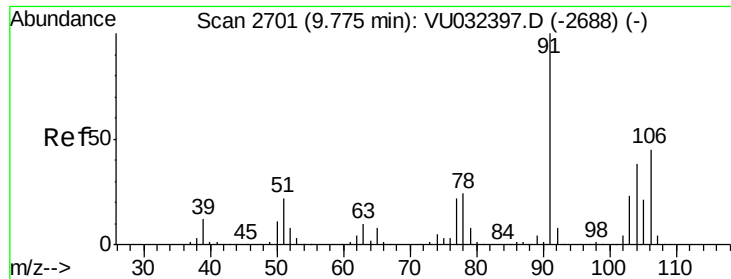
91 208.8 144.8 269.0



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VU0

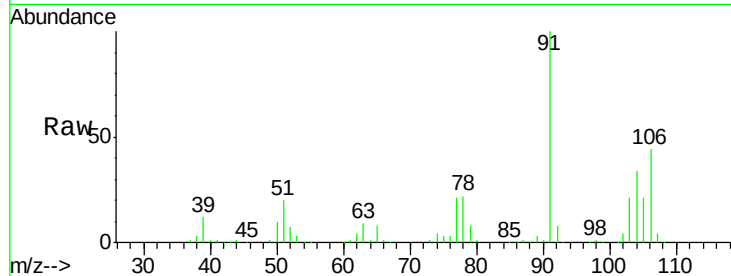




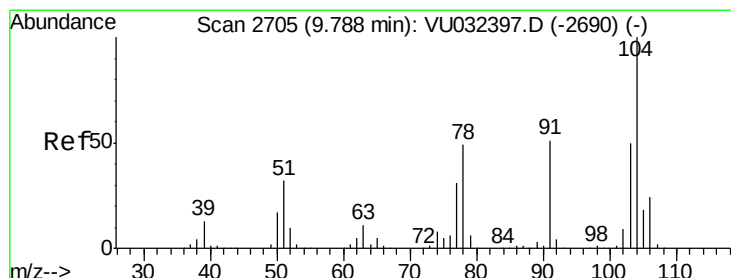
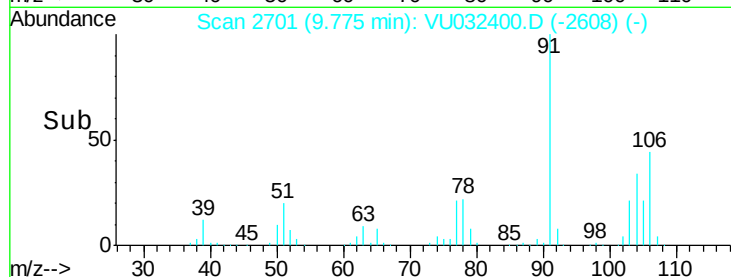
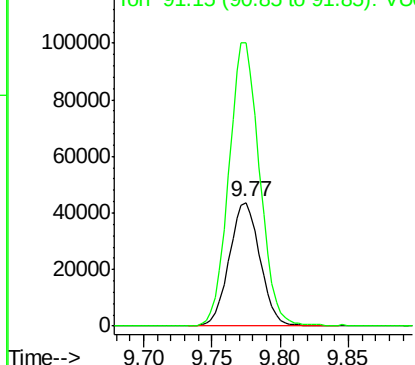
#54
o-Xylene
Concen: 2.656 ug/L
RT: 9.77 min Scan# 2701
Delta R.T. 0.00 min
Lab File: VU032400.D
Acq: 03 Jun 2019 18:07

Instrument :
MSVOA_U
ClientSampleId :
GALE8

Tot Ion:106 Resp: 68853
Ion Ratio Lower Upper
106 100
91 229.4 156.9 291.3

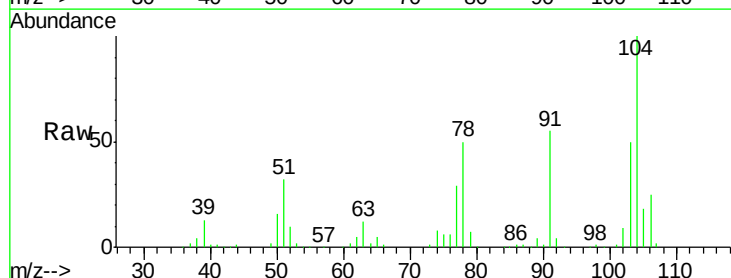


Abundance Ion 106.15 (105.85 to 106.85): V
Ion 91.15 (90.85 to 91.85): VU0

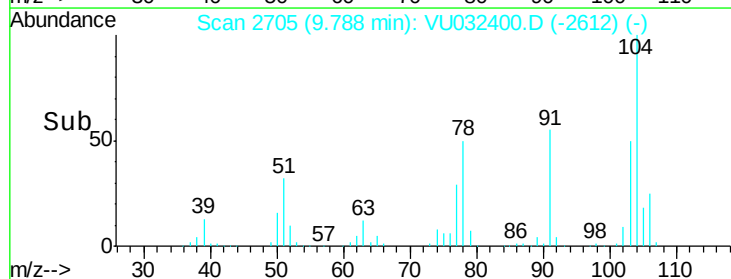
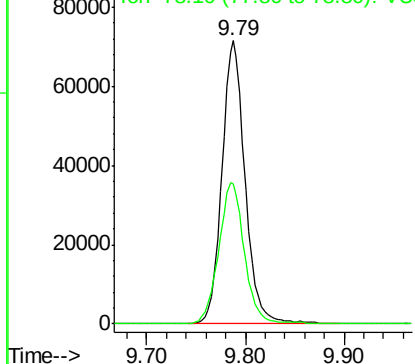


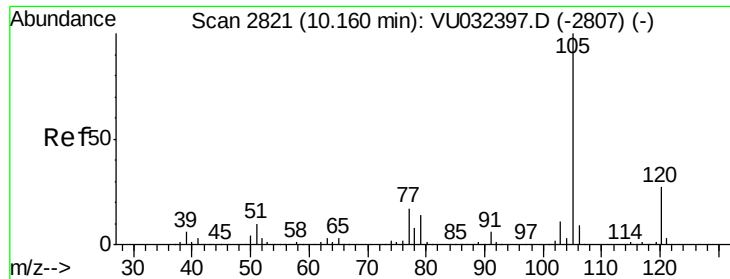
#55
Styrene
Concen: 2.698 ug/L
RT: 9.79 min Scan# 2705
Delta R.T. 0.00 min
Lab File: VU032400.D
Acq: 03 Jun 2019 18:07

Tgt Ion:104 Resp: 117974
Ion Ratio Lower Upper
104 100
78 49.6 35.5 65.9



Abundance Ion 104.10 (103.80 to 104.80): V
Ion 78.10 (77.80 to 78.80): VU0





#56

Isopropylbenzene

Concen: 1.665 ug/L

RT: 10.16 min Scan# 2821

Delta R.T. 0.00 min

Lab File: VU032400.D

Acq: 03 Jun 2019 18:07

Instrument :

MSVOA_U

ClientSampleId :

GALE8

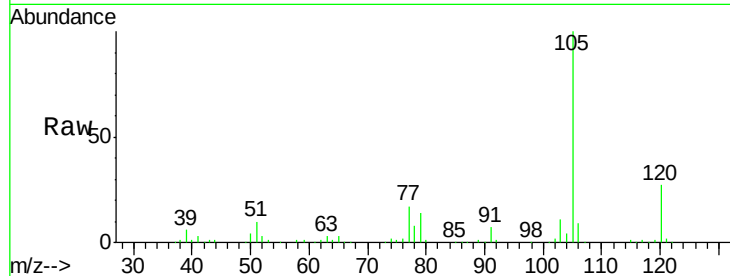
Tot Ion:105 Resp: 115147

Ion Ratio Lower Upper

105 100

120 26.9 20.9 31.3

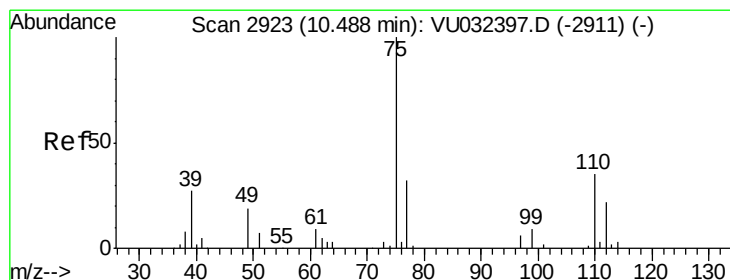
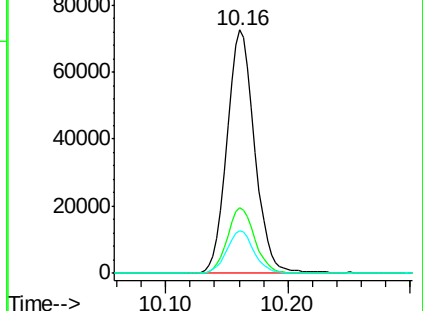
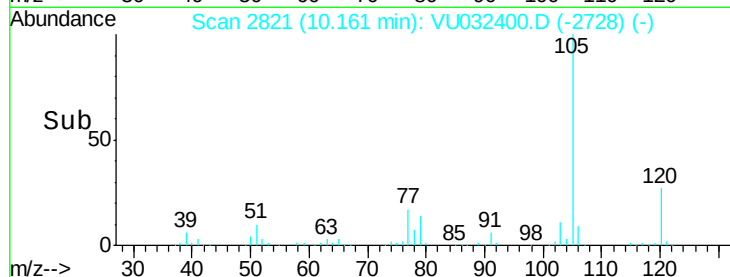
77 17.3 13.4 20.2



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.10 (119.80 to 120.80): V

Ion 77.10 (76.80 to 77.80): V



#59

1,2,3-Trichloropropane

Concen: 0.197 ug/L

RT: 10.95 min Scan# 3067

Delta R.T. 0.46 min

Lab File: VU032400.D

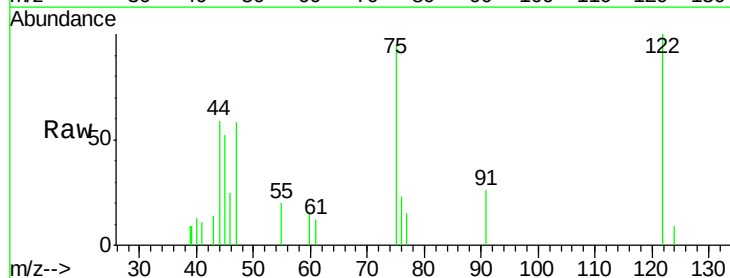
Acq: 03 Jun 2019 18:07

Tgt Ion: 75 Resp: 2010

Ion Ratio Lower Upper

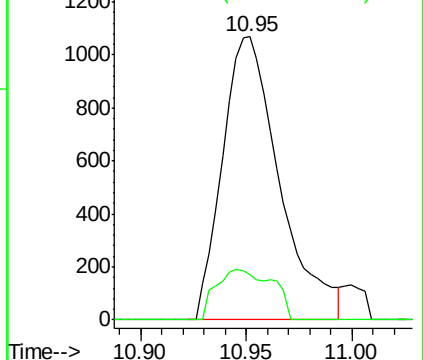
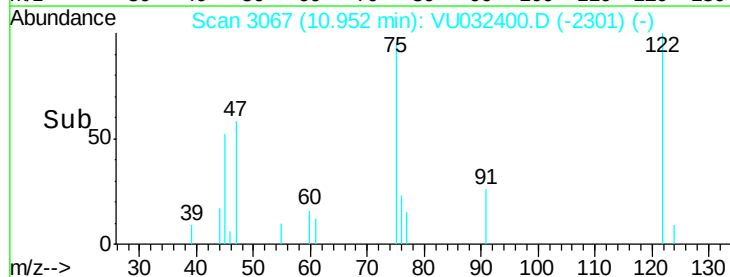
75 100

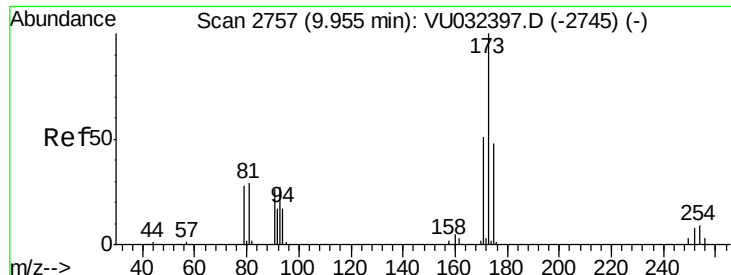
77 0.0 26.1 39.1#



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

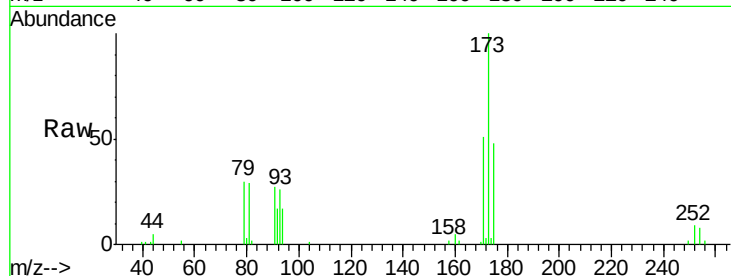




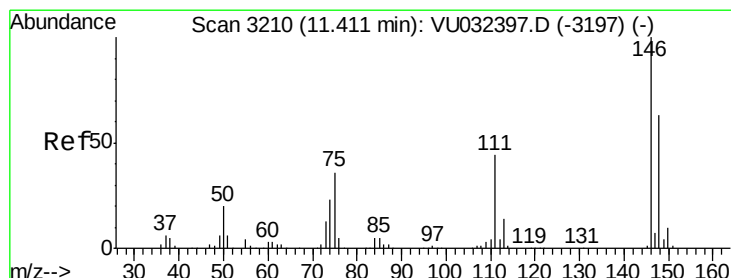
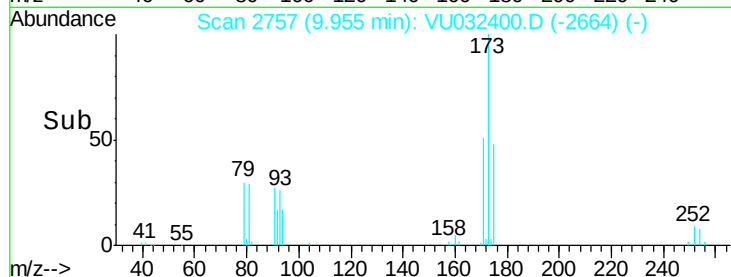
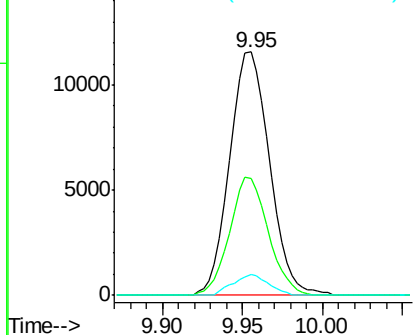
#61
Bromoform
Concen: 2.556 ug/L
RT: 9.95 min Scan# 2757
Delta R.T. 0.00 min
Lab File: VU032400.D
Acq: 03 Jun 2019 18:07

Instrument :
MSVOA_U
ClientSampleId :
GALE8

Tot Ion:173 Resp: 19656
Ion Ratio Lower Upper
173 100
175 46.9 38.6 58.0
254 7.5 7.4 11.0

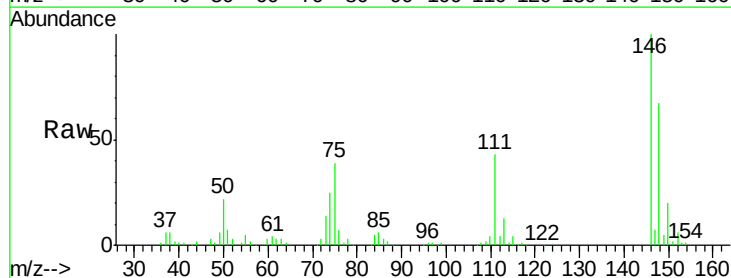


Abundance Ion 172.90 (172.60 to 173.60): V
Ion 174.90 (174.60 to 175.60): V
Ion 253.75 (253.45 to 254.45): V

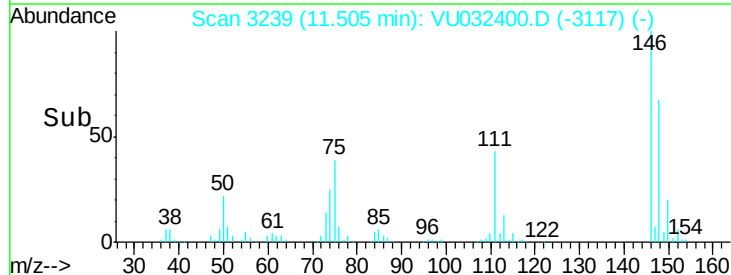
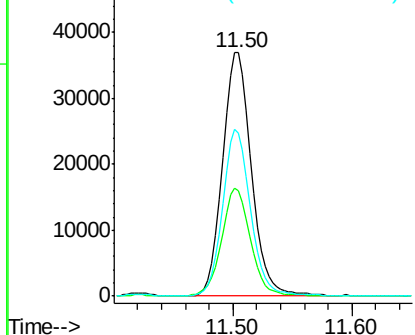


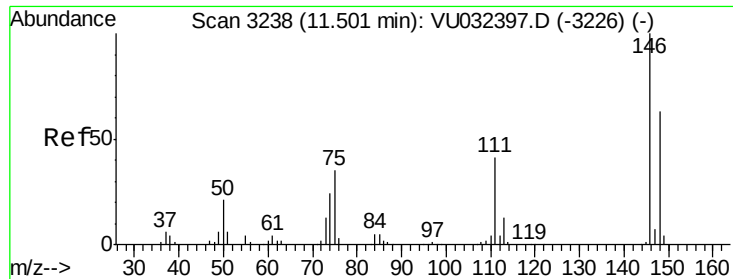
#62
1,3-Dichlorobenzene
Concen: 2.137 ug/L
RT: 11.50 min Scan# 3239
Delta R.T. 0.09 min
Lab File: VU032400.D
Acq: 03 Jun 2019 18:07

Tgt Ion:146 Resp: 62253
Ion Ratio Lower Upper
146 100
111 43.2 29.8 55.3
148 67.0 44.2 82.0



Abundance Ion 145.95 (145.65 to 146.65): V
Ion 111.00 (110.70 to 111.70): V
Ion 148.00 (147.70 to 148.70): V

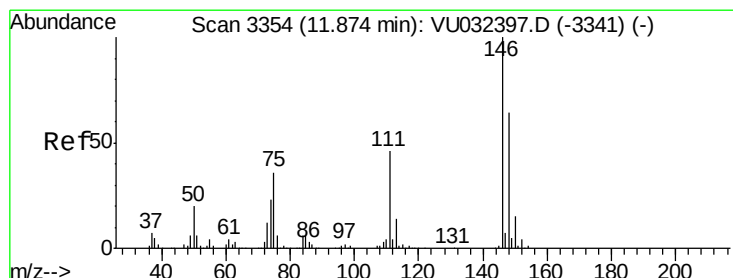
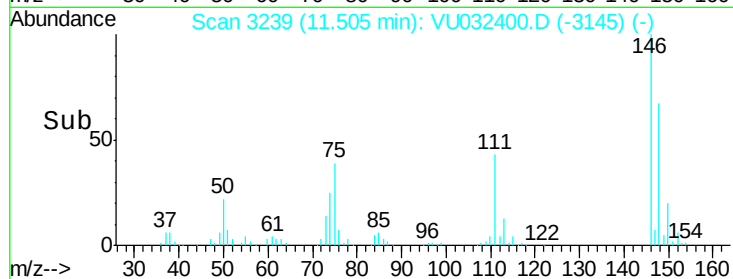
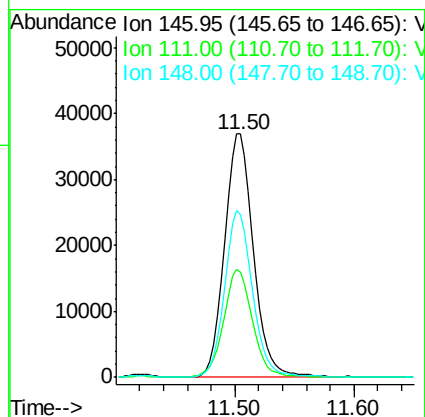
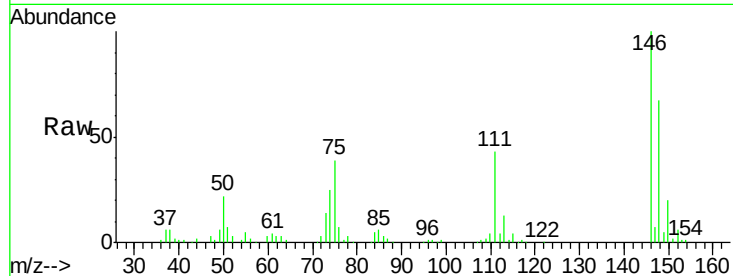




#63
 1,4-Dichlorobenzene
 Concen: 2.120 ug/L
 RT: 11.50 min Scan# 3239
 Delta R.T. 0.00 min
 Lab File: VU032400.D
 Acq: 03 Jun 2019 18:07

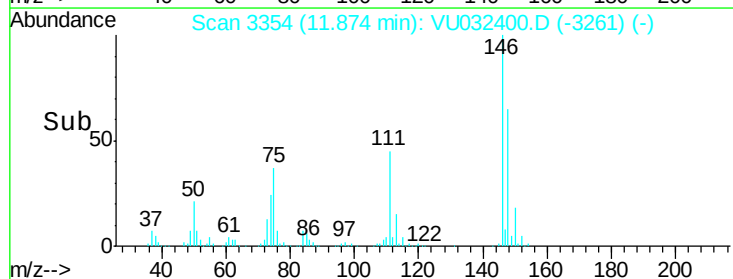
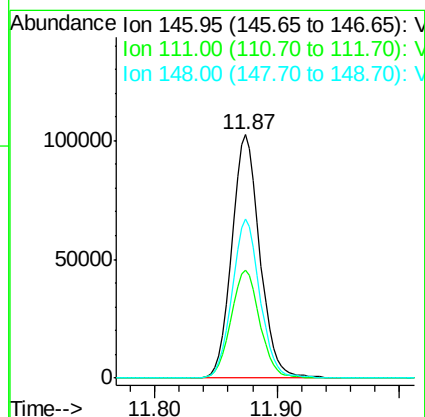
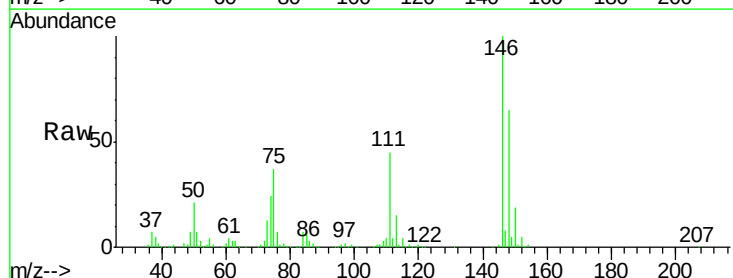
Instrument :
 MSVOA_U
 ClientSampled :
 GALE8

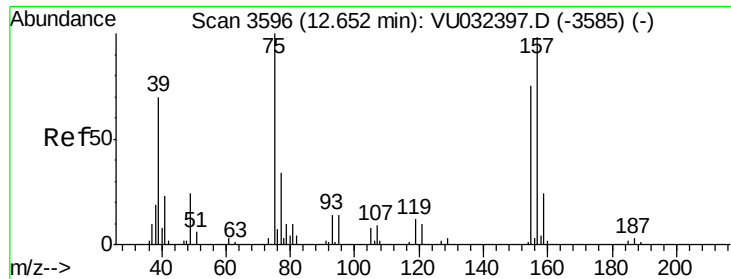
Tot Ion:146 Resp: 62253
 Ion Ratio Lower Upper
 146 100
 111 43.2 28.6 53.2
 148 67.0 43.3 80.3



#65
 1,2-Dichlorobenzene
 Concen: 5.897 ug/L
 RT: 11.87 min Scan# 3354
 Delta R.T. 0.00 min
 Lab File: VU032400.D
 Acq: 03 Jun 2019 18:07

Tgt Ion:146 Resp: 164225
 Ion Ratio Lower Upper
 146 100
 111 44.6 35.2 52.8
 148 65.4 50.3 75.5





#66

1,2-Dibromo-3-chloropropane

Concen: 2.091 ug/L

RT: 12.65 min Scan# 3596

Delta R.T. 0.00 min

Lab File: VU032400.D

Acq: 03 Jun 2019 18:07

Instrument :

MSVOA_U

ClientSampleId :

GALE8

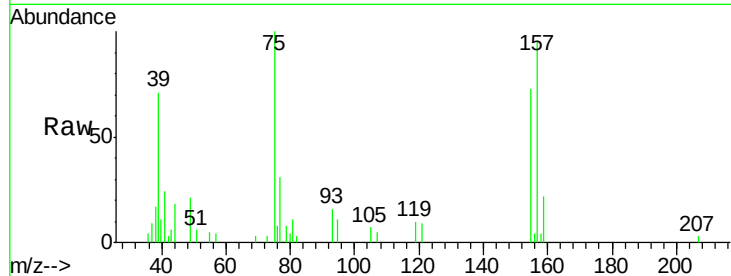
Tot Ion: 75 Resp: 5528

Ion Ratio Lower Upper

75 100

155 72.6 54.8 82.2

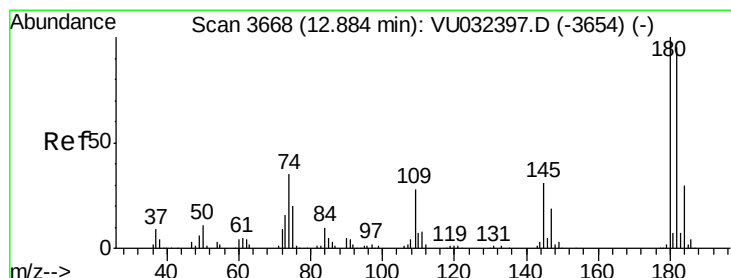
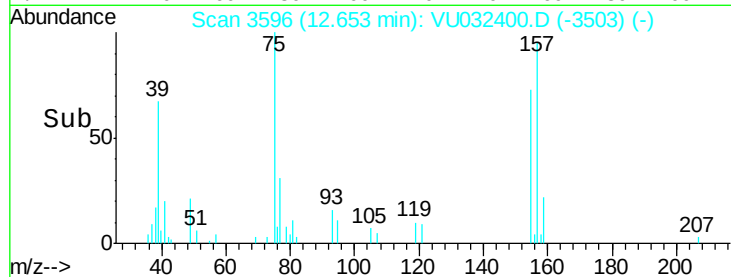
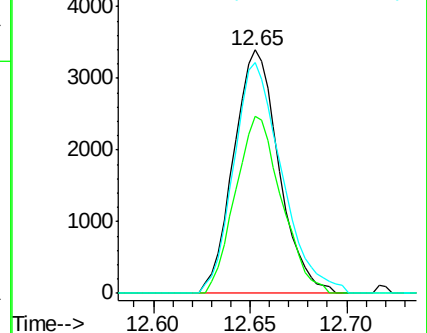
157 94.8 74.7 112.1



Abundance Ion 75.05 (74.75 to 75.75): VU032400.D (-3503) (-)

Ion 154.95 (154.65 to 155.65): VU032400.D (-3503) (-)

Ion 156.90 (156.60 to 157.60): VU032400.D (-3503) (-)



#67

1,3,5-Trichlorobenzene

Concen: 2.685 ug/L

RT: 12.88 min Scan# 3667

Delta R.T. -0.00 min

Lab File: VU032400.D

Acq: 03 Jun 2019 18:07

Tgt Ion: 180 Resp: 60465

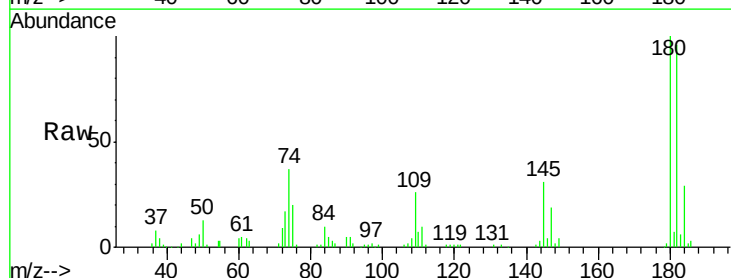
Ion Ratio Lower Upper

180 100

182 93.3 76.0 114.0

184 29.3 24.5 36.7

145 30.7 25.2 37.8

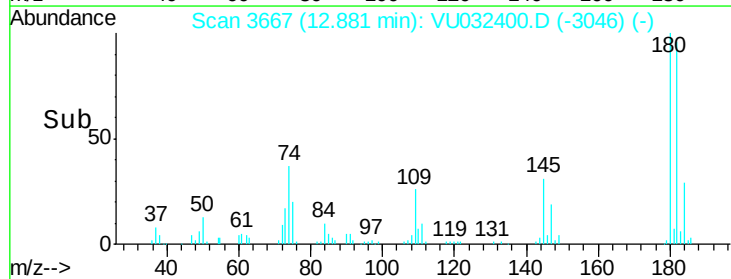
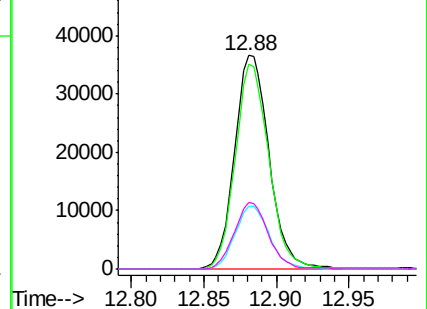


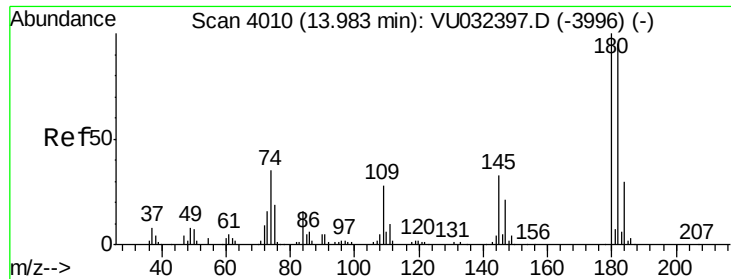
Abundance Ion 180.00 (179.70 to 180.70): VU032400.D (-3046) (-)

Ion 182.00 (181.70 to 182.70): VU032400.D (-3046) (-)

Ion 184.00 (183.70 to 184.70): VU032400.D (-3046) (-)

Ion 145.00 (144.70 to 145.70): VU032400.D (-3046) (-)

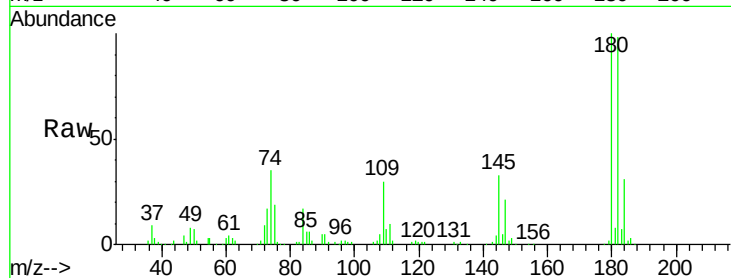




#70
 1,2,3-Trichlorobenzene
 Concen: 5.142 ug/L
 RT: 13.98 min Scan# 4010
 Delta R.T. 0.00 min
 Lab File: VU032400.D
 Acq: 03 Jun 2019 18:07

Instrument :
 MSVOA_U
 ClientSampleId :
 GALE8

Tot Ion	Ratio	Lower	Upper
180	100		
182	96.2	76.6	114.8
145	32.8	26.7	40.1



Abundance Ion 179.90 (179.60 to 180.60): V
 Ion 181.90 (181.60 to 182.60): V
 Ion 144.95 (144.65 to 145.65): V

