

Data File : VU032428.D
Acq On : 04 Jun 2019 15:23
Operator : JC/SP
Sample : K3081-20
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GALE8

Quant Time: Jun 04 23:08:47 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR060419WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Jun 04 22:54:09 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	112924	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	106670	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	54954	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	30318	4.13	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.60%
7) Chloroethane-d5	1.68	69	27778	4.43	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.60%
11) 1,1-Dichloroethene-d2	2.27	63	58744	3.94	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	78.80%
20) 2-Butanone-d5	4.20	46	93471	45.62	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	91.24%
24) Chloroform-d	4.64	84	55518	4.18	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.60%
26) 1,2-Dichloroethane-d4	5.30	65	30154	4.39	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.80%
32) Benzene-d6	5.33	84	113595	4.28	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.60%
36) 1,2-Dichloropropane-d6	6.32	67	35336	4.32	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	86.40%
41) Toluene-d8	7.56	98	107012	4.36	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.20%
43) trans-1,3-Dichloropropene-	7.85	79	14898	4.27	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.40%
46) 2-Hexanone-d5	8.31	63	78187	44.67	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	89.34%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	29882	4.34	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	86.80%
64) 1,2-Dichlorobenzene-d4	11.85	152	42903	4.34	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	86.80%

Target Compounds

					Qvalue
3) Chloromethane	1.33	50	29917	2.977 ug/L	100
6) Bromomethane	1.63	94	18688	3.102 ug/L	97
9) Trichlorofluoromethane	1.88	101	97849	6.922 ug/L	99
12) 1,1-Dichloroethene	2.28	96	22693	3.163 ug/L	85
13) Acetone	2.34	43	154399	97.086 ug/L	99
14) Carbon disulfide	2.47	76	103406	4.500 ug/L	99
15) Methyl Acetate	2.34	43	129766	29.738 ug/L #	53
16) Methylene chloride	2.69	84	16742	2.104 ug/L	98
17) Methyl tert-butyl Ether	3.00	73	162110	7.726 ug/L	100
19) 1,1-Dichloroethane	3.43	63	110435	7.970 ug/L	97
21) 2-Butanone	4.28	43	290345	125.527 ug/L	100
27) 1,2-Dichloroethane	5.40	62	59546	6.401 ug/L	99
29) 1,1,1-Trichloroethane	4.90	97	100166	7.706 ug/L	98
30) Cyclohexane	4.98	56	131617	9.580 ug/L	98
31) Carbon tetrachloride	4.90	117	12968	1.097 ug/L	99
34) Trichloroethene	6.18	95	39695	4.388 ug/L	98
35) Methylcyclohexane	6.40	83	80065	5.503 ug/L	99

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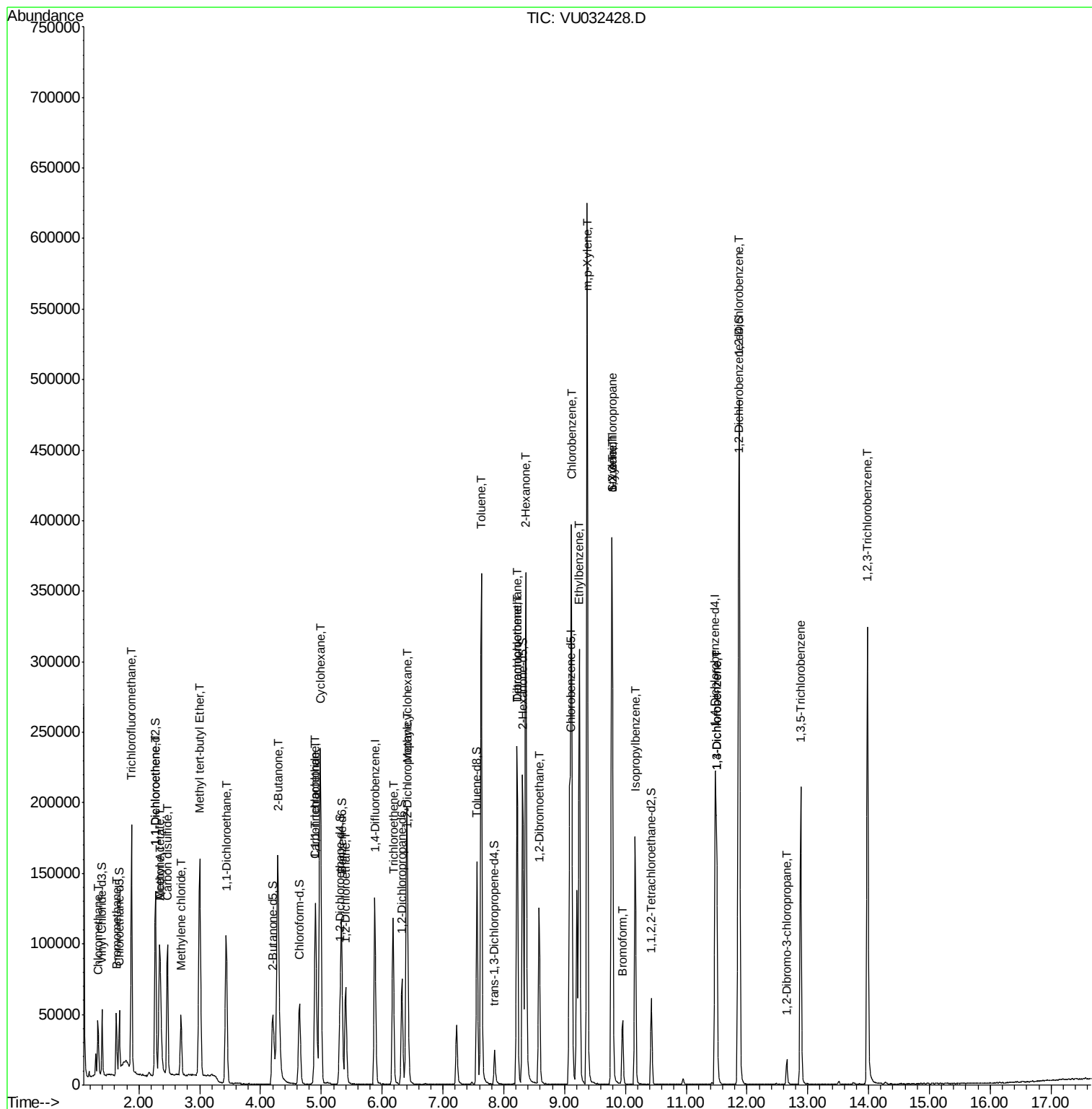
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1,2-Dichloropropane	6.43	63	15852	1.948	ug/L	100
42) Toluene	7.63	91	263886	7.529	ug/L	100
47) Tetrachloroethene	8.22	164	54297	7.627	ug/L	97
48) 2-Hexanone	8.36	43	241622	58.389	ug/L	99
49) Dibromochloromethane	8.22	129	51834	6.845	ug/L #	11
50) 1,2-Dibromoethane	8.58	107	83130	14.090	ug/L	100
51) Chlorobenzene	9.11	112	209589	9.537	ug/L	99
52) Ethylbenzene	9.24	91	217727	5.636	ug/L	99
53) m,p-Xylene	9.37	106	168627	11.515	ug/L	98
54) o-Xylene	9.77	106	69588	4.761	ug/L	99
55) Styrene	9.79	104	114686	4.770	ug/L	99
56) Isopropylbenzene	10.16	105	114816	2.978	ug/L	99
59) 1,2,3-Trichloropropane	9.78	75	6644	1.243	ug/L #	1
61) Bromoform	9.95	173	20745	4.698	ug/L	99
62) 1,3-Dichlorobenzene	11.50	146	69411	3.869	ug/L	98
63) 1,4-Dichlorobenzene	11.50	146	69411	3.806	ug/L	99
65) 1,2-Dichlorobenzene	11.87	146	185133	10.680	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.66	75	4574	3.758	ug/L	96
67) 1,3,5-Trichlorobenzene	12.88	180	69338	4.823	ug/L	99
70) 1,2,3-Trichlorobenzene	13.98	180	108260	9.378	ug/L	97

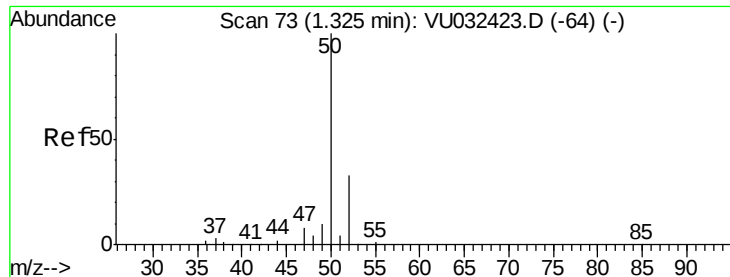
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 2.977 ug/L

RT: 1.33 min Scan# 74

Delta R.T. 0.00 min

Lab File: VU032428.D

Acq: 04 Jun 2019 15:23

Instrument :

MSVOA_U

ClientSampled :

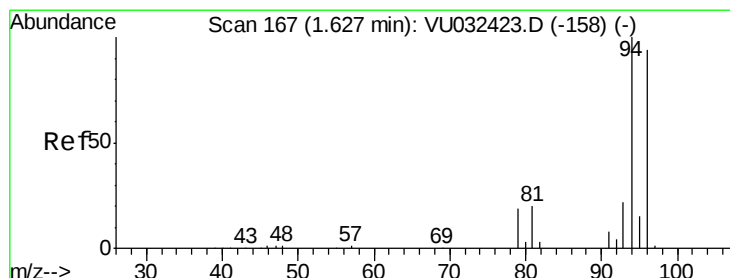
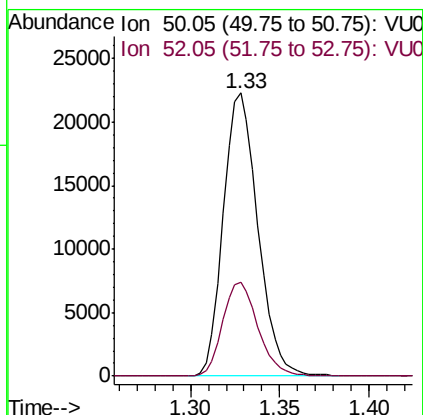
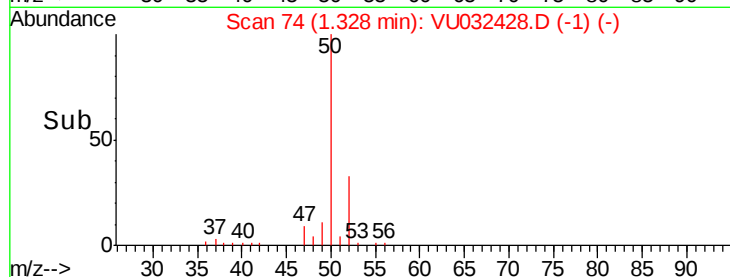
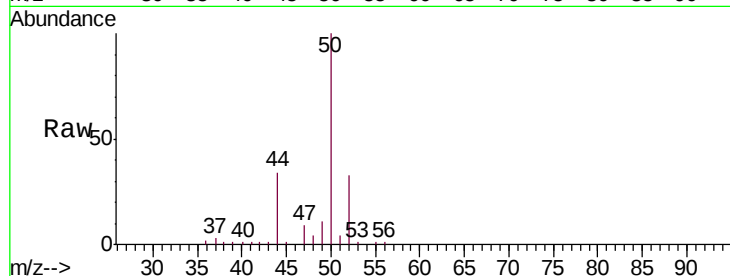
GALE8

Tgt Ion: 50 Resp: 29917

Ion Ratio Lower Upper

50 100

52 33.2 23.2 43.2



#6

Bromomethane

Concen: 3.102 ug/L

RT: 1.63 min Scan# 167

Delta R.T. 0.00 min

Lab File: VU032428.D

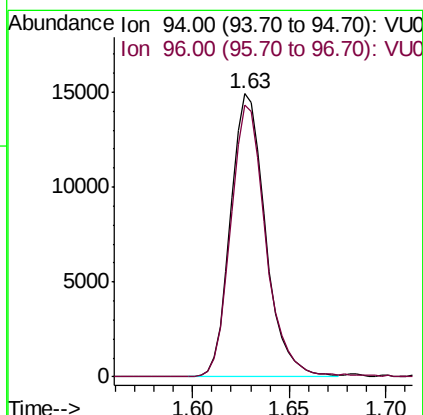
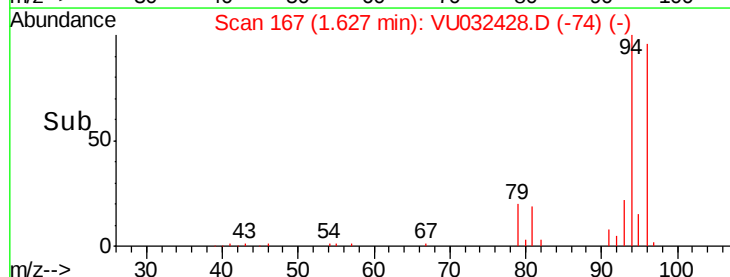
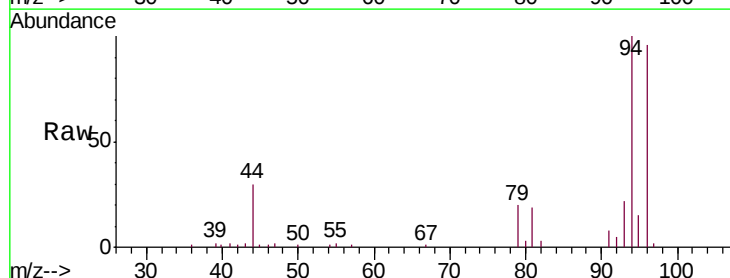
Acq: 04 Jun 2019 15:23

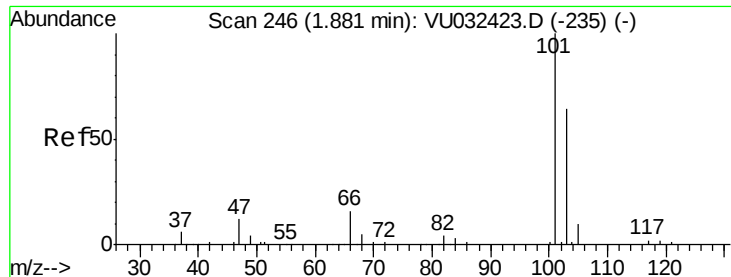
Tgt Ion: 94 Resp: 18688

Ion Ratio Lower Upper

94 100

96 96.0 65.5 121.6



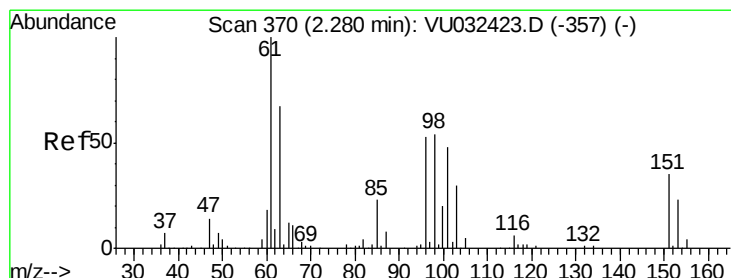
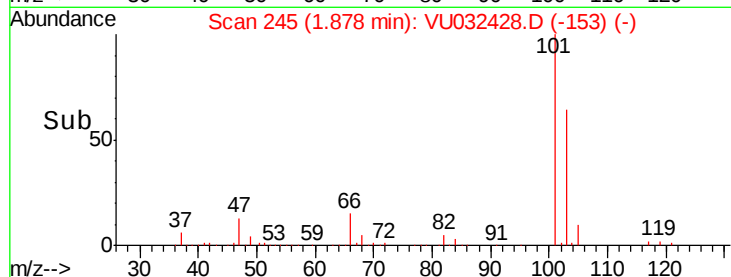
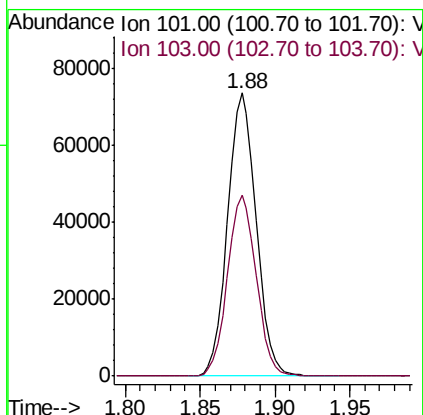
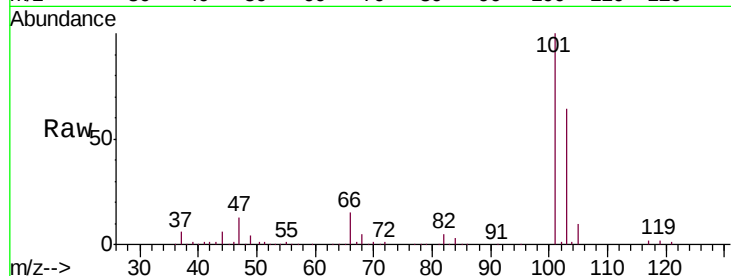


#9

Trichlorofluoromethane
 Concen: 6.922 ug/L
 RT: 1.88 min Scan# 245
 Delta R.T. -0.00 min
 Lab File: VU032428.D
 Acq: 04 Jun 2019 15:23

Instrument :
 MSVOA_U
 ClientSampleId :
 GALE8

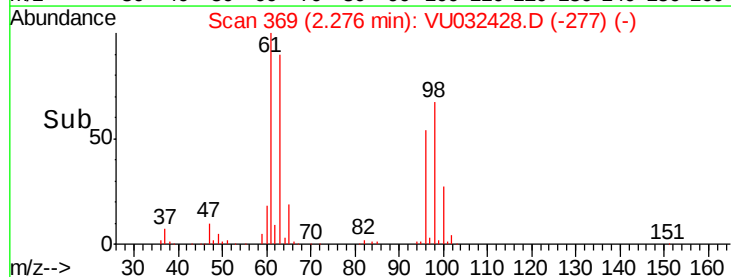
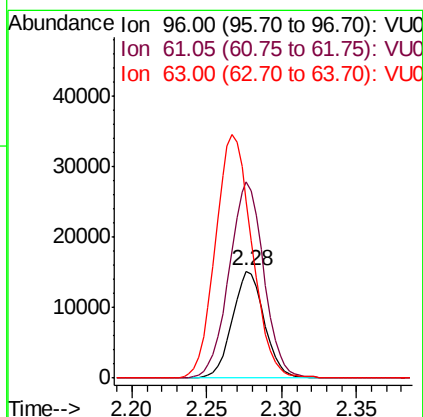
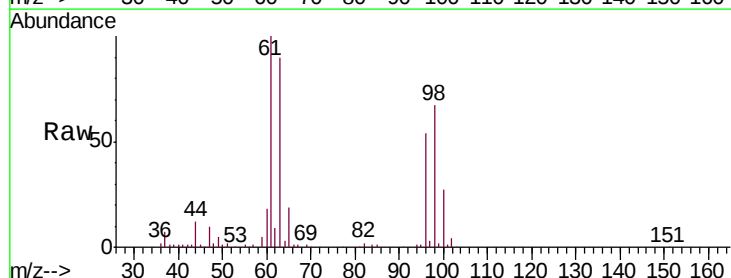
Tgt Ion:101 Resp: 97849
 Ion Ratio Lower Upper
 101 100
 103 64.4 52.2 78.2

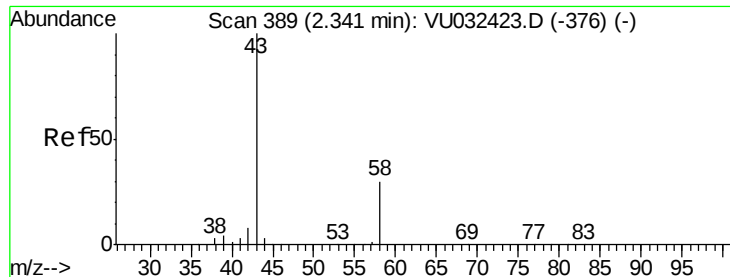


#12

1,1-Dichloroethene
 Concen: 3.163 ug/L
 RT: 2.28 min Scan# 369
 Delta R.T. -0.00 min
 Lab File: VU032428.D
 Acq: 04 Jun 2019 15:23

Tgt Ion: 96 Resp: 22693
 Ion Ratio Lower Upper
 96 100
 61 183.7 131.8 244.8
 63 165.7 90.1 167.3





#13

Acetone

Concen: 97.086 ug/L

RT: 2.34 min Scan# 389

Delta R.T. 0.00 min

Lab File: VU032428.D

Acq: 04 Jun 2019 15:23

Instrument :

MSVOA_U

ClientSampleId :

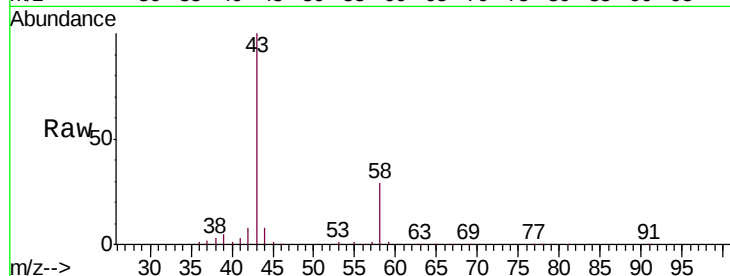
GALE8

Tgt Ion: 43 Resp: 154399

Ion Ratio Lower Upper

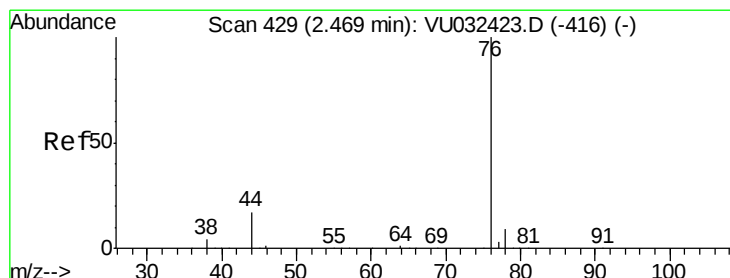
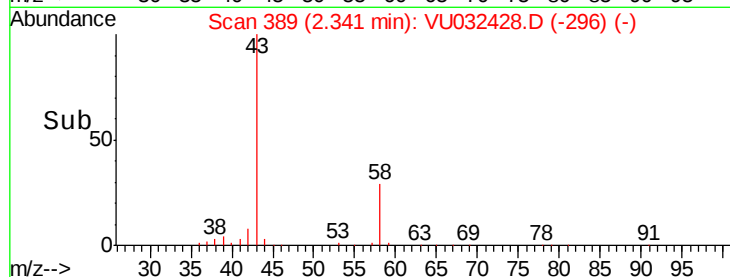
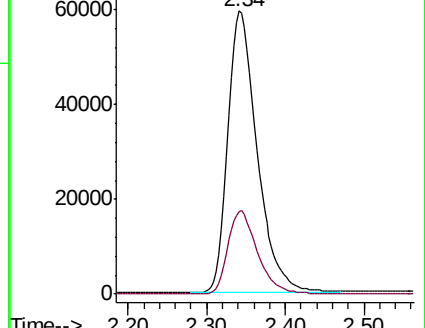
43 100

58 29.9 0.0 60.8



Abundance Ion 43.05 (42.75 to 43.75): VU032428.D (-376) (-)

Ion 58.05 (57.75 to 58.75): VU032428.D (-376) (-)



#14

Carbon disulfide

Concen: 4.500 ug/L

RT: 2.47 min Scan# 429

Delta R.T. 0.00 min

Lab File: VU032428.D

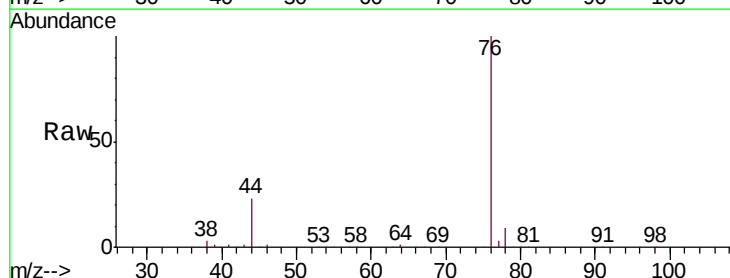
Acq: 04 Jun 2019 15:23

Tgt Ion: 76 Resp: 103406

Ion Ratio Lower Upper

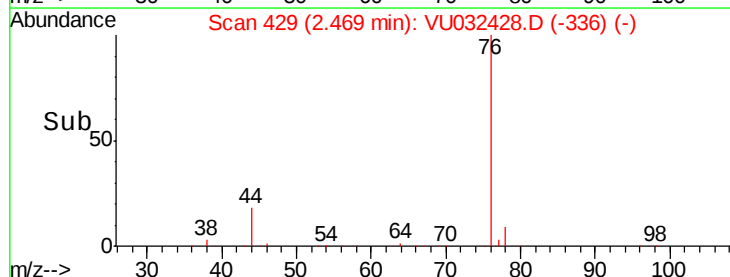
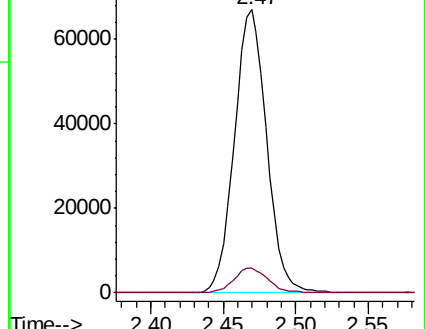
76 100

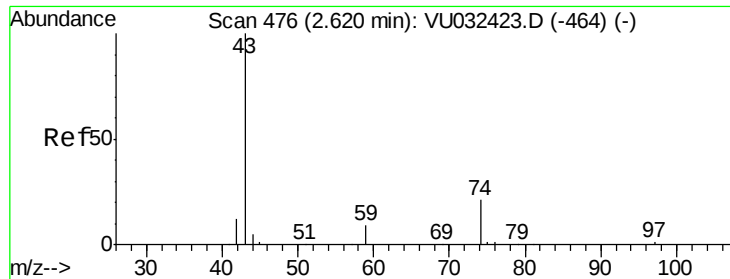
78 8.8 7.3 10.9



Abundance Ion 76.05 (75.75 to 76.75): VU032428.D (-416) (-)

Ion 78.00 (77.70 to 78.70): VU032428.D (-416) (-)





#15

Methyl Acetate

Concen: 29.738 ug/L

RT: 2.34 min Scan# 389

Delta R.T. -0.28 min

Lab File: VU032428.D

Acq: 04 Jun 2019 15:23

Instrument :

MSVOA_U

ClientSampleId :

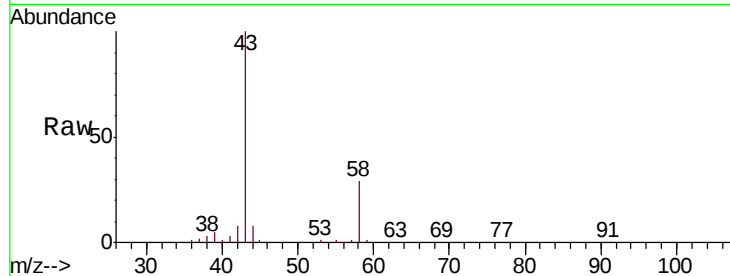
GALE8

Tgt Ion: 43 Resp: 129766

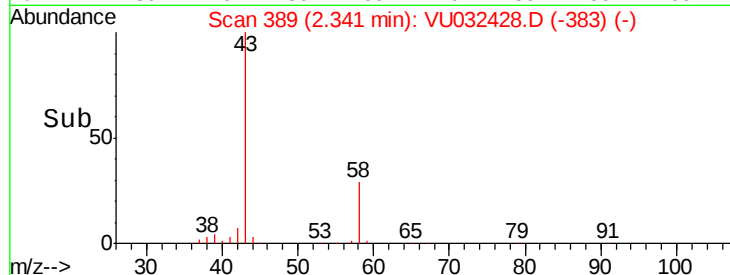
Ion Ratio Lower Upper

43 100

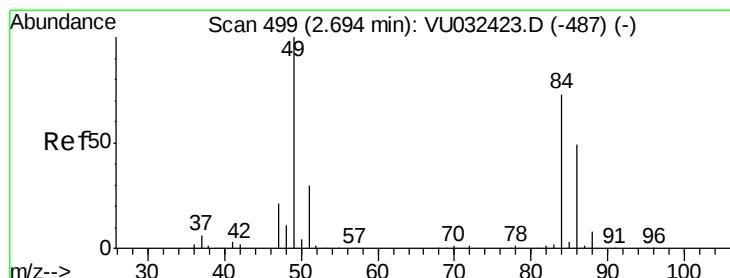
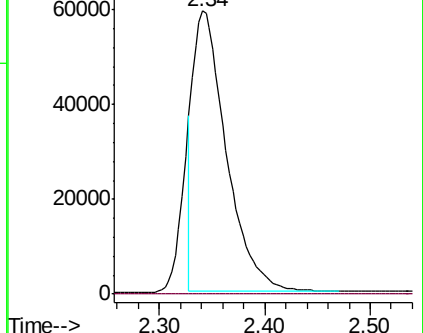
74 0.0 17.8 26.8#



Abundance Ion 43.05 (42.75 to 43.75): VU032428.D (-383) (-)



Ion 74.05 (73.75 to 74.75): VU032428.D (-383) (-)



#16

Methylene chloride

Concen: 2.104 ug/L

RT: 2.69 min Scan# 498

Delta R.T. -0.00 min

Lab File: VU032428.D

Acq: 04 Jun 2019 15:23

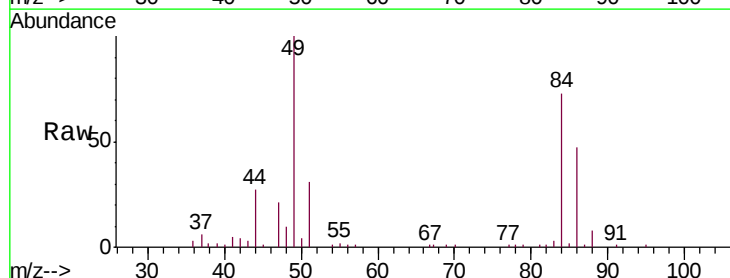
Tgt Ion: 84 Resp: 16742

Ion Ratio Lower Upper

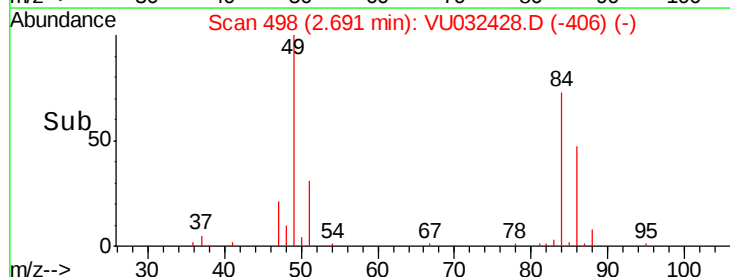
84 100

86 63.8 47.2 87.6

49 136.9 95.9 178.1

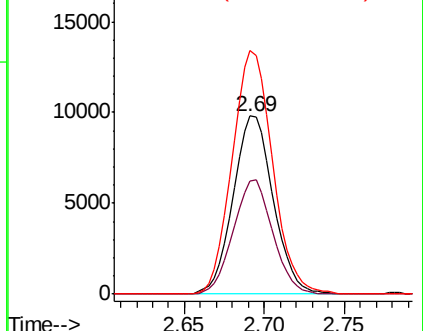


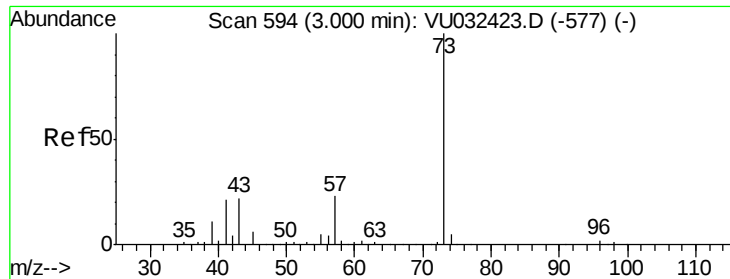
Abundance Ion 84.05 (83.75 to 84.75): VU032428.D (-406) (-)



Ion 86.00 (85.70 to 86.70): VU032428.D (-406) (-)

Ion 49.10 (48.80 to 49.80): VU032428.D (-406) (-)

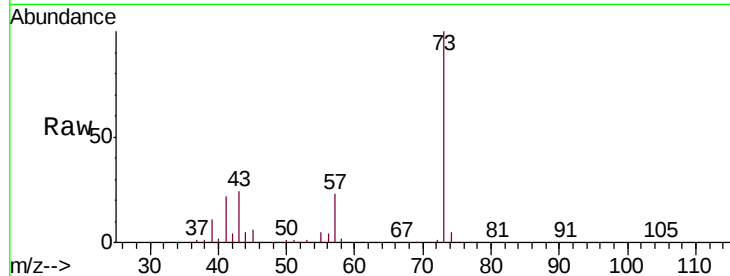




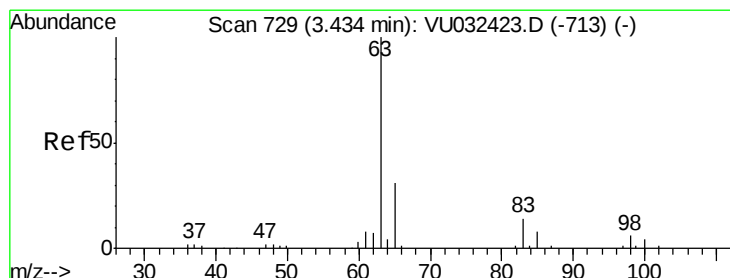
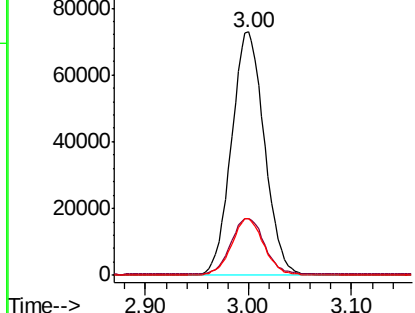
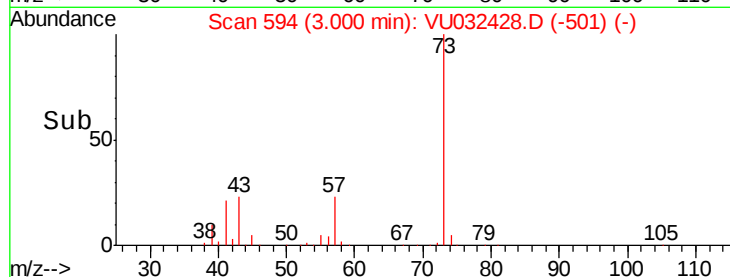
#17
Methyl tert-butyl Ether
Concen: 7.726 ug/L
RT: 3.00 min Scan# 594
Delta R.T. 0.00 min
Lab File: VU032428.D
Acq: 04 Jun 2019 15:23

Instrument :
MSVOA_U
ClientSampleId :
GALE8

Tgt Ion: 73 Resp: 162110
Ion Ratio Lower Upper
73 100
43 23.2 18.6 27.8
57 23.1 18.3 27.5

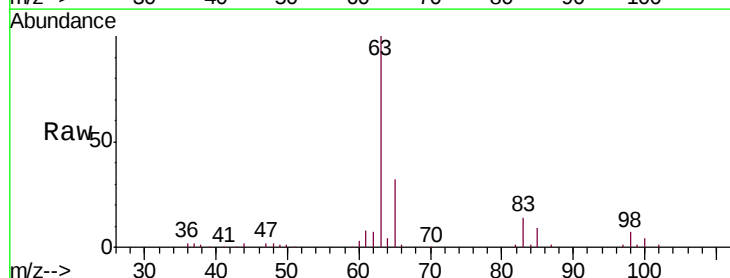


Abundance Ion 73.10 (72.80 to 73.80): VU0
Ion 43.05 (42.75 to 43.75): VU0
Ion 57.10 (56.80 to 57.80): VU0

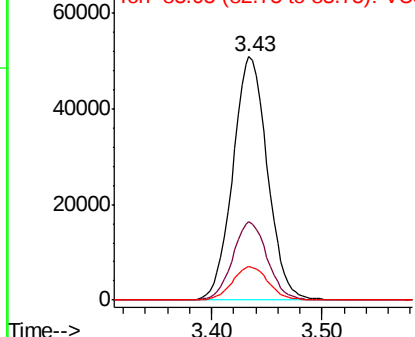
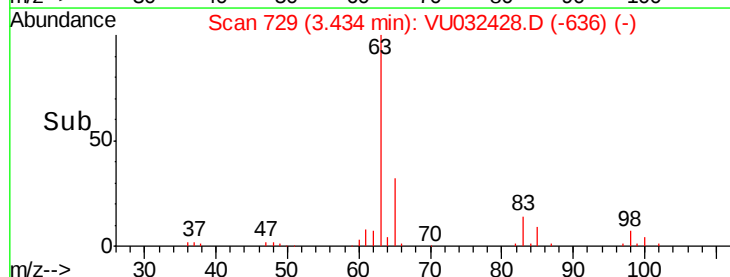


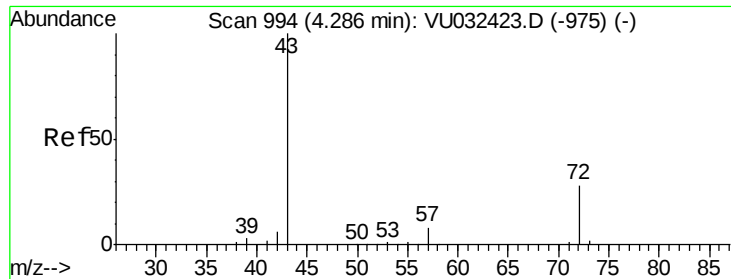
#19
1,1-Dichloroethane
Concen: 7.970 ug/L
RT: 3.43 min Scan# 729
Delta R.T. 0.00 min
Lab File: VU032428.D
Acq: 04 Jun 2019 15:23

Tgt Ion: 63 Resp: 110435
Ion Ratio Lower Upper
63 100
65 32.4 21.3 39.6
83 13.7 10.1 18.7



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: 125.527 ug/L

RT: 4.28 min Scan# 993

Delta R.T. -0.00 min

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ClientSampleId :

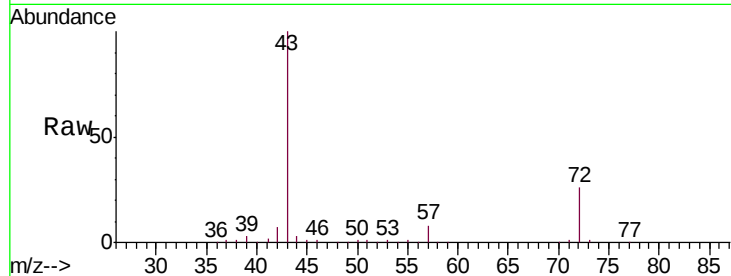
GALE8

Tgt Ion: 43 Resp: 290345

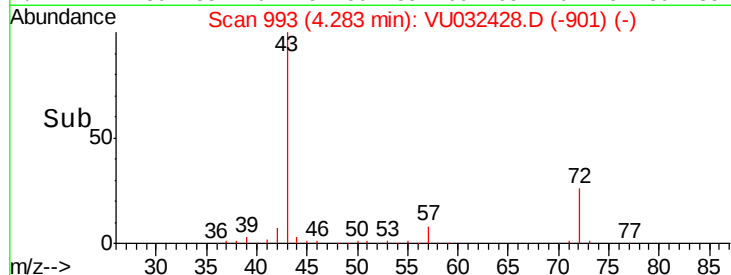
Ion Ratio Lower Upper

43 100

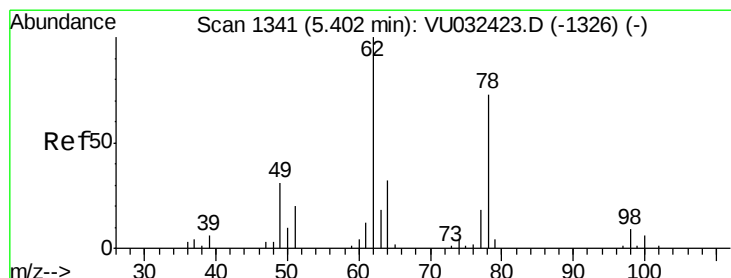
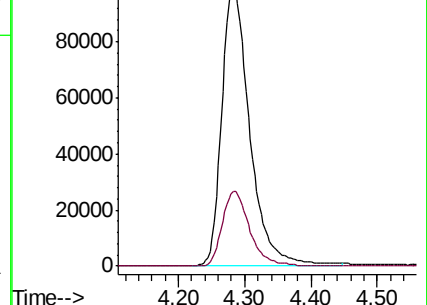
72 26.4 13.1 39.3



Abundance Ion 43.05 (42.75 to 43.75): VU032428.D (-901) (-)



Ion 72.10 (71.80 to 72.80): VU032428.D (-901) (-)



#27

1,2-Dichloroethane

Concen: 6.401 ug/L

RT: 5.40 min Scan# 1340

Delta R.T. -0.00 min

Lab File: VU032428.D

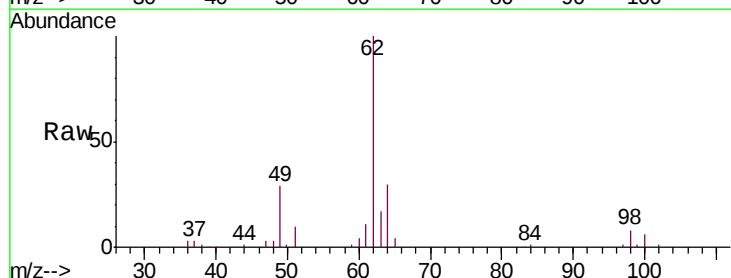
Acq: 04 Jun 2019 15:23

Tgt Ion: 62 Resp: 59546

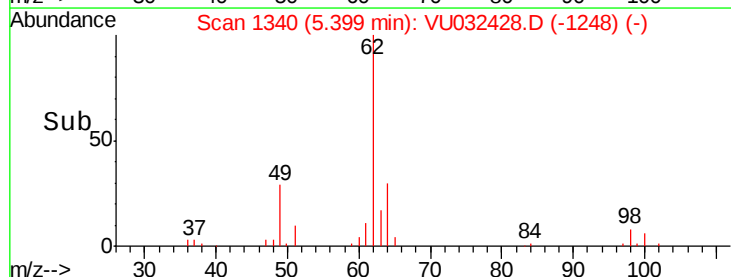
Ion Ratio Lower Upper

62 100

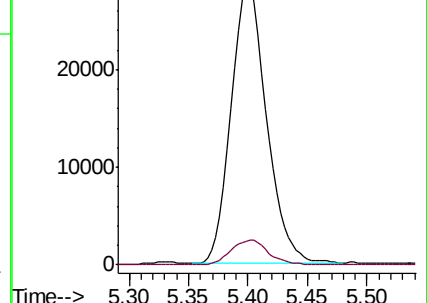
98 8.5 7.0 10.6

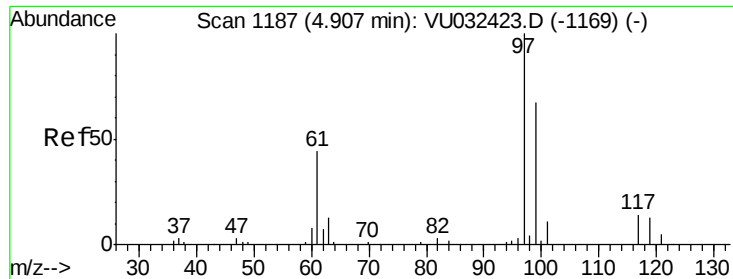


Abundance Ion 62.00 (61.70 to 62.70): VU032428.D (-1248) (-)



Ion 98.05 (97.75 to 98.75): VU032428.D (-1248) (-)





#29

1,1,1-Trichloroethane

Concen: 7.706 ug/L

RT: 4.90 min Scan# 1186

Delta R.T. -0.00 min

Lab File: VU032428.D

Acq: 04 Jun 2019 15:23

Instrument :

MSVOA_U

ClientSampleId :

GALE8

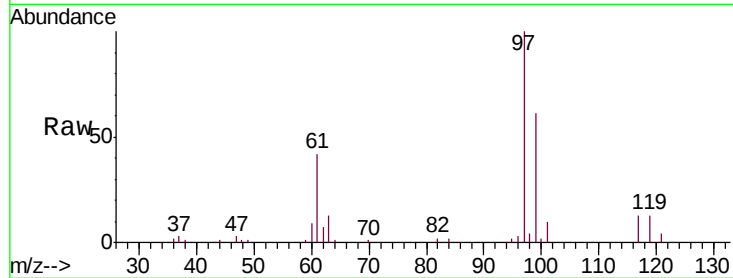
Tgt Ion: 97 Resp: 100166

Ion Ratio Lower Upper

97 100

99 63.4 51.8 77.6

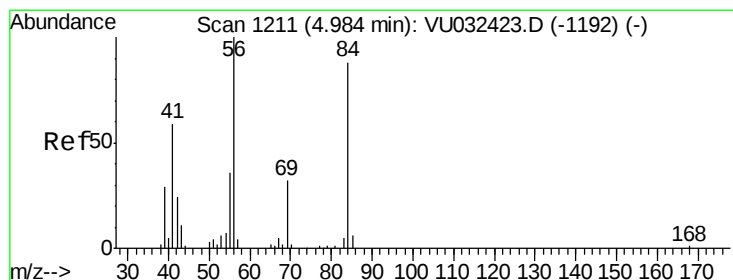
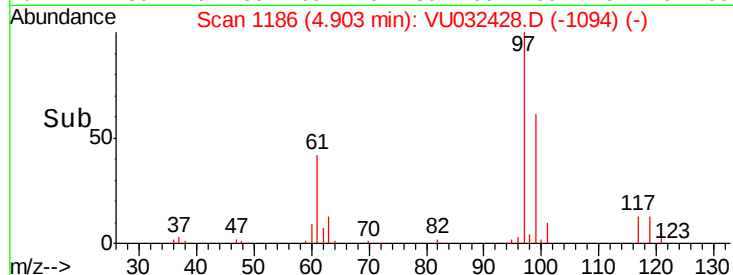
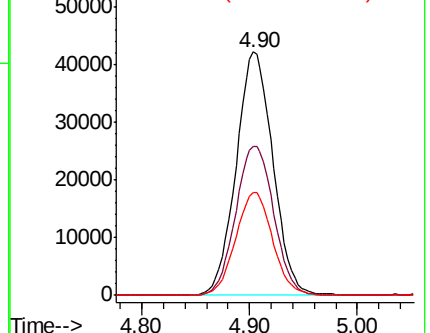
61 42.3 34.7 52.1



Abundance Ion 96.95 (96.65 to 97.65): VU0

Ion 99.05 (98.75 to 99.75): VU0

Ion 61.05 (60.75 to 61.75): VU0



#30

Cyclohexane

Concen: 9.580 ug/L

RT: 4.98 min Scan# 1211

Delta R.T. 0.00 min

Lab File: VU032428.D

Acq: 04 Jun 2019 15:23

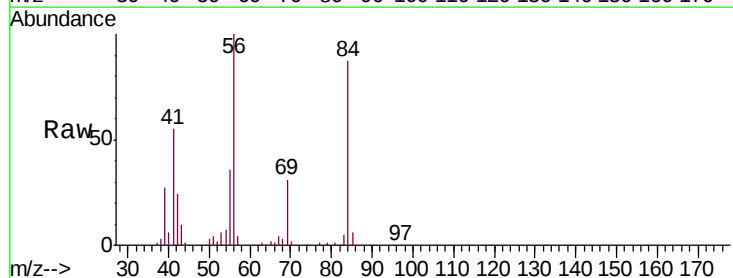
Tgt Ion: 56 Resp: 131617

Ion Ratio Lower Upper

56 100

69 31.1 24.9 37.3

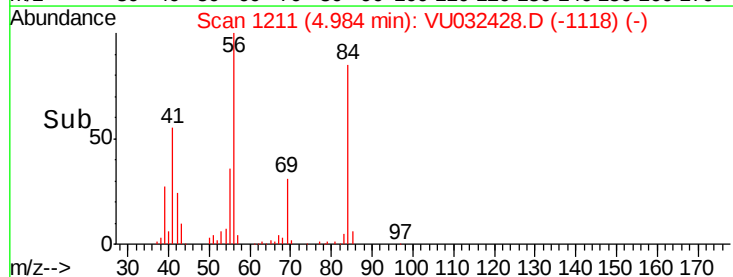
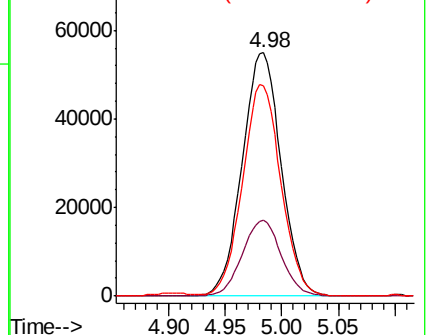
84 85.4 70.2 105.2

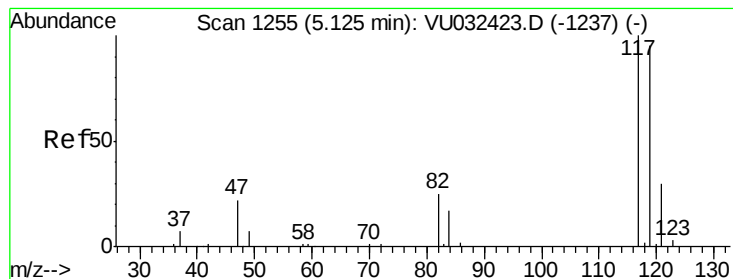


Abundance Ion 56.10 (55.80 to 56.80): VU0

Ion 69.15 (68.85 to 69.85): VU0

Ion 84.15 (83.85 to 84.85): VU0





#31

Carbon tetrachloride

Concen: 1.097 ug/L

RT: 4.90 min Scan# 1186

Delta R.T. -0.22 min

Lab File: VU032428.D

Acq: 04 Jun 2019 15:23

Instrument :

MSVOA_U

ClientSampleId :

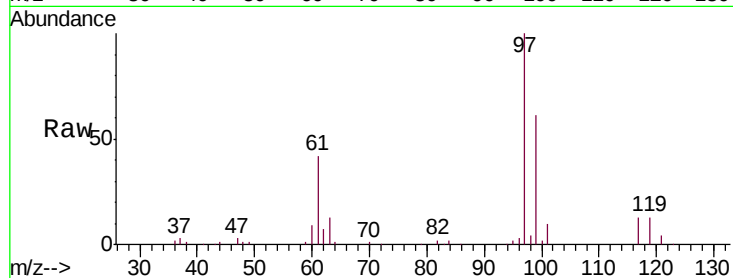
GALE8

Tgt Ion: 117 Resp: 12968

Ion Ratio Lower Upper

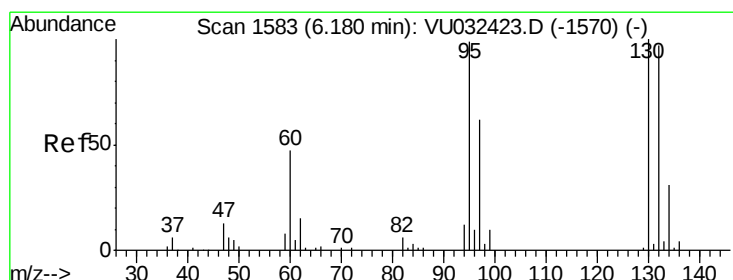
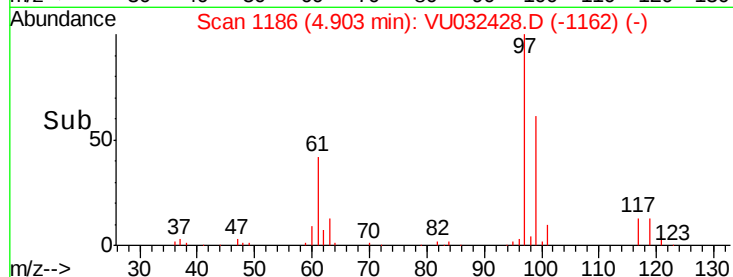
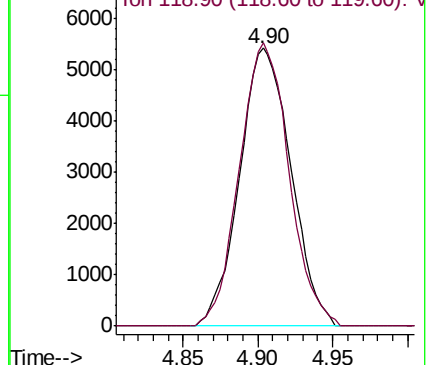
117 100

119 98.3 77.8 116.6



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 118.90 (118.60 to 119.60): V



#34

Trichloroethene

Concen: 4.388 ug/L

RT: 6.18 min Scan# 1583

Delta R.T. 0.00 min

Lab File: VU032428.D

Acq: 04 Jun 2019 15:23

Tgt Ion: 95 Resp: 39695

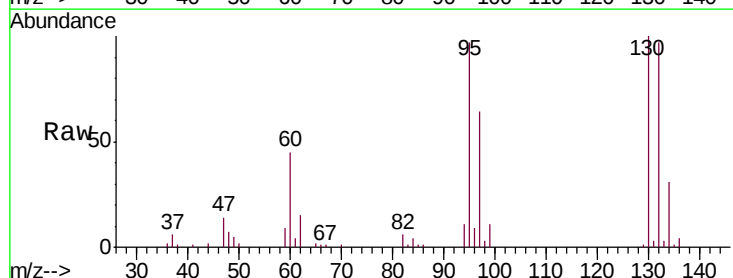
Ion Ratio Lower Upper

95 100

97 65.7 44.1 81.9

132 100.0 68.8 127.8

130 103.2 71.0 131.8

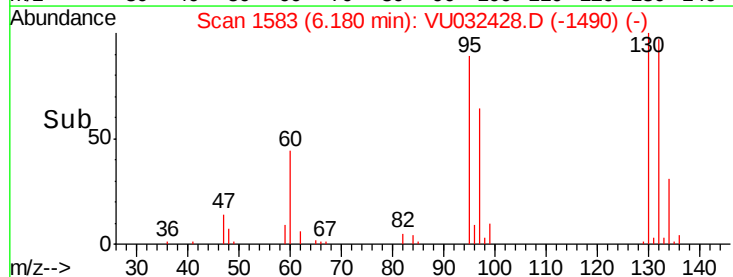
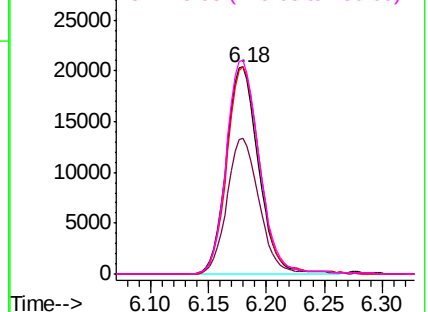


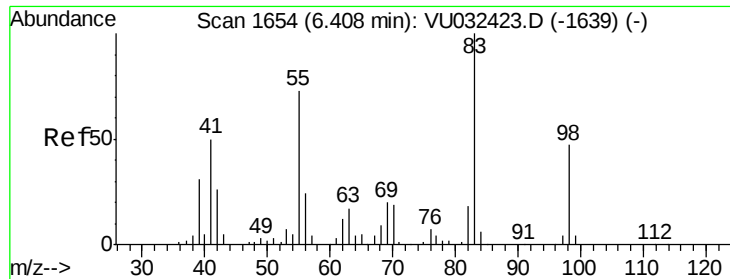
Abundance Ion 95.00 (94.70 to 95.70): VU0

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

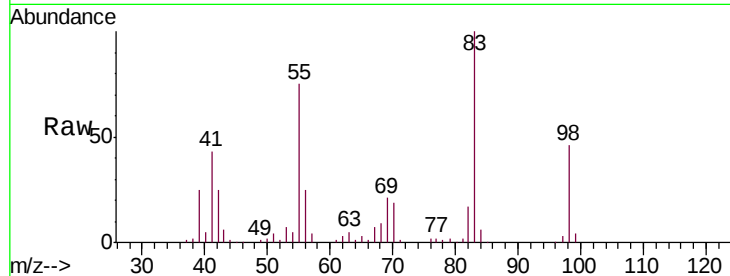




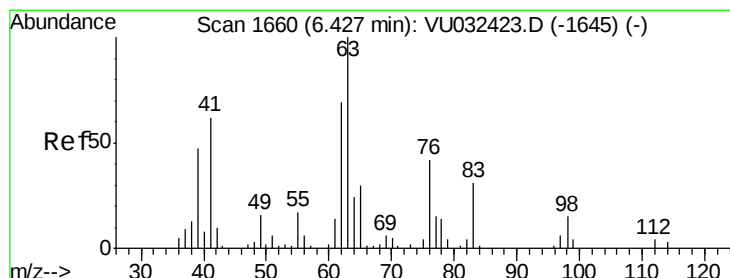
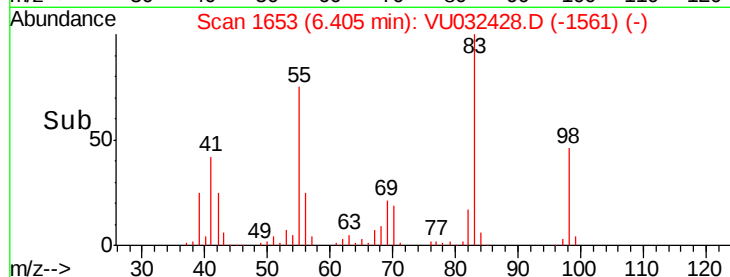
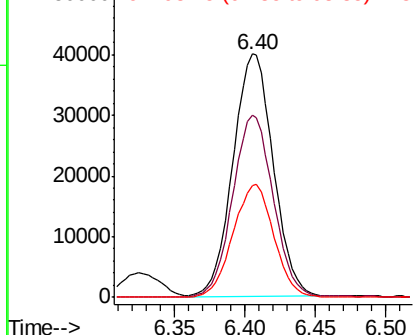
#35
Methylcyclohexane
Concen: 5.503 ug/L
RT: 6.40 min Scan# 1653
Delta R.T. -0.00 min
Lab File: VU032428.D
Acq: 04 Jun 2019 15:23

Instrument :
MSVOA_U
ClientSampleId :
GALE8

Tgt Ion: 83 Resp: 80065
Ion Ratio Lower Upper
83 100
55 76.0 60.0 90.0
98 47.0 37.8 56.8

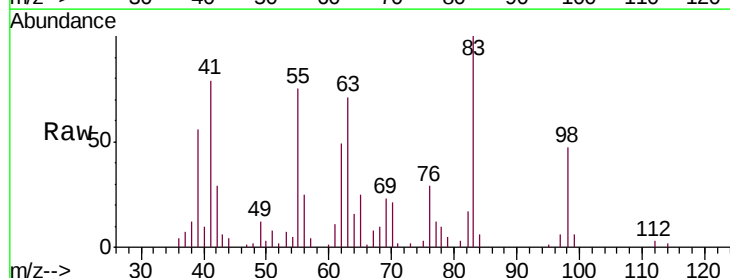


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

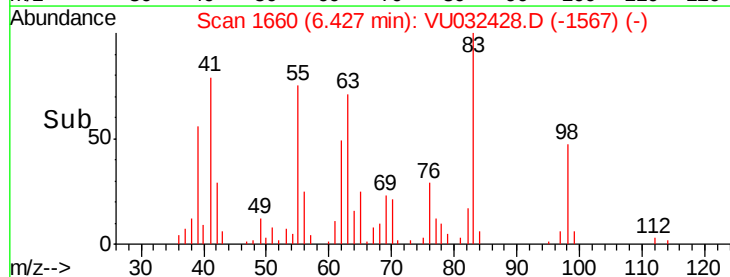
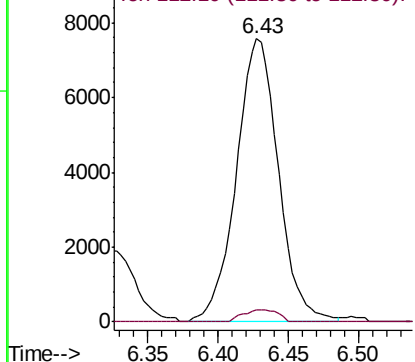


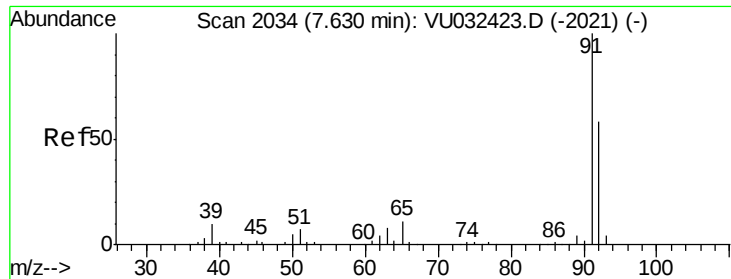
#37
1,2-Dichloropropane
Concen: 1.948 ug/L
RT: 6.43 min Scan# 1660
Delta R.T. 0.00 min
Lab File: VU032428.D
Acq: 04 Jun 2019 15:23

Tgt Ion: 63 Resp: 15852
Ion Ratio Lower Upper
63 100
112 3.6 2.9 4.3



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





#42

Toluene

Concen: 7.529 ug/L

RT: 7.63 min Scan# 2034

Delta R.T. 0.00 min

Lab File: VU032428.D

Acq: 04 Jun 2019 15:23

Instrument :

MSVOA_U

ClientSampleId :

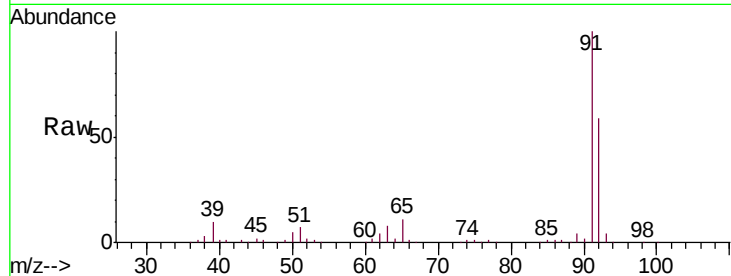
GALE8

Tgt Ion: 91 Resp: 263886

Ion Ratio Lower Upper

91 100

92 58.6 40.9 75.9



Abundance Ion 91.15 (90.85 to 91.85): VU032428.D (-2125) (-)

Ion 92.15 (91.85 to 92.85): VU032428.D (-2125) (-)

7.63

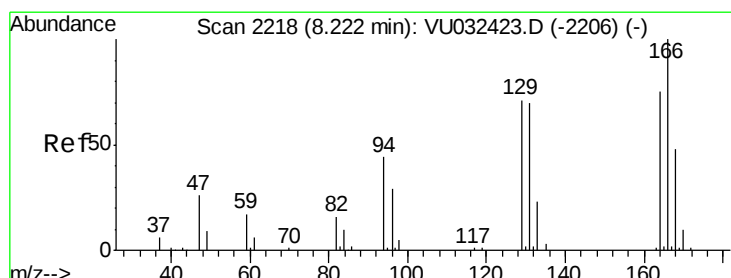
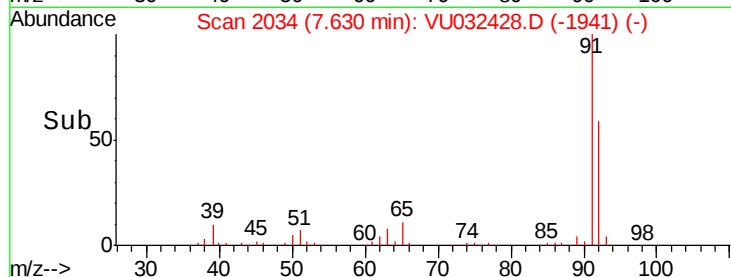
150000

100000

50000

0

Time--> 7.50 7.60 7.70 7.80



#47

Tetrachloroethene

Concen: 7.627 ug/L

RT: 8.22 min Scan# 2218

Delta R.T. 0.00 min

Lab File: VU032428.D

Acq: 04 Jun 2019 15:23

Tgt Ion: 164 Resp: 54297

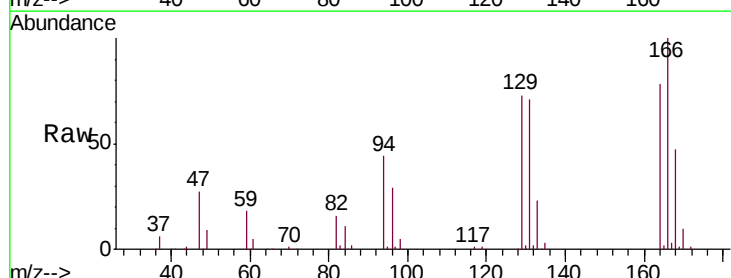
Ion Ratio Lower Upper

164 100

129 92.7 66.1 122.7

131 90.2 65.6 121.8

166 127.7 93.2 173.2



Abundance Ion 163.90 (163.60 to 164.60): VU032428.D (-2125) (-)

Ion 128.95 (128.65 to 129.65): VU032428.D (-2125) (-)

Ion 130.95 (130.65 to 131.65): VU032428.D (-2125) (-)

Ion 165.90 (165.60 to 166.60): VU032428.D (-2125) (-)

8.22

60000

50000

40000

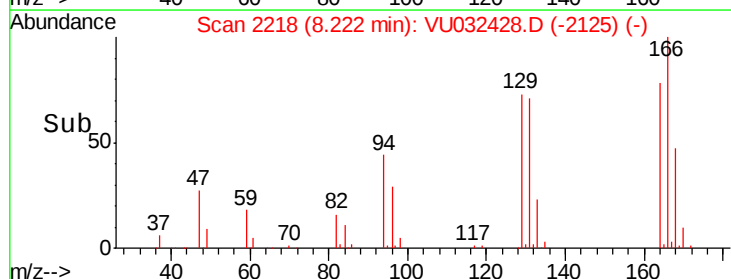
30000

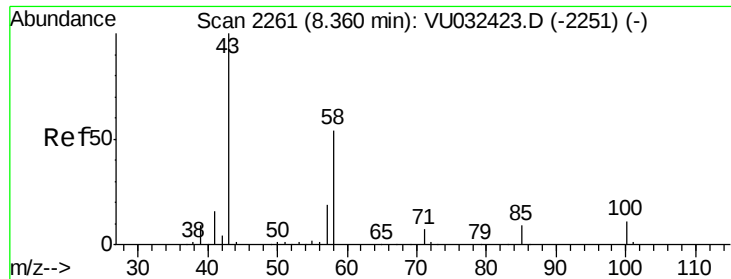
20000

10000

0

Time--> 8.15 8.20 8.25 8.30

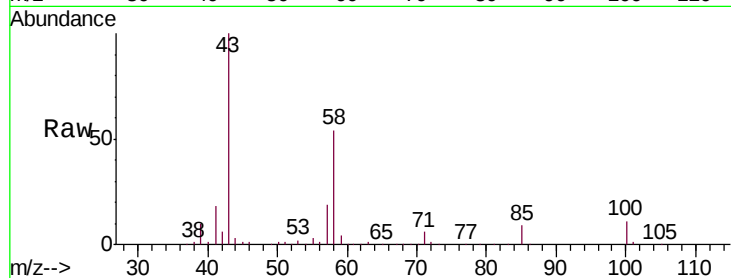




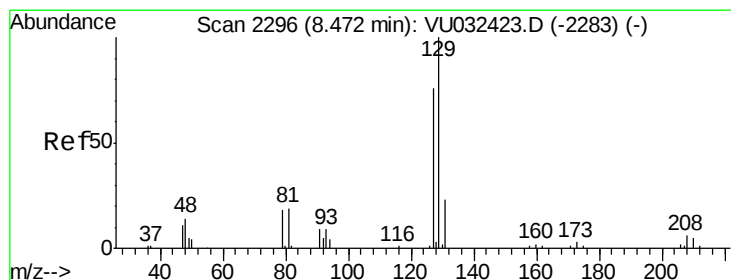
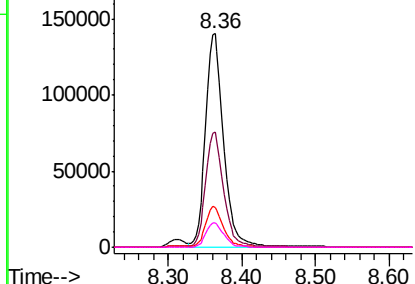
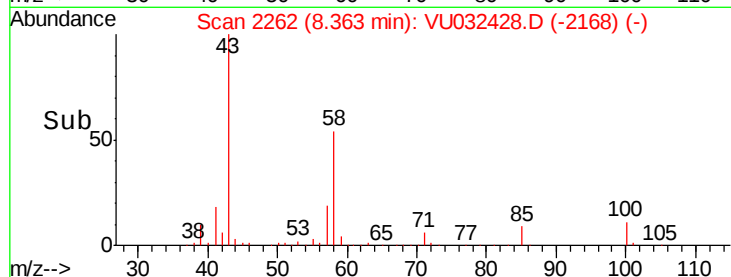
#48
2-Hexanone
Concen: 58.389 ug/L
RT: 8.36 min Scan# 2262
Delta R.T. 0.00 min
Lab File: VU032428.D
Acq: 04 Jun 2019 15:23

Instrument :
MSVOA_U
ClientSampleId :
GALE8

Tgt Ion: 43 Resp: 241622
Ion Ratio Lower Upper
43 100
58 53.4 41.9 62.9
57 18.5 15.1 22.7
100 11.5 9.0 13.6

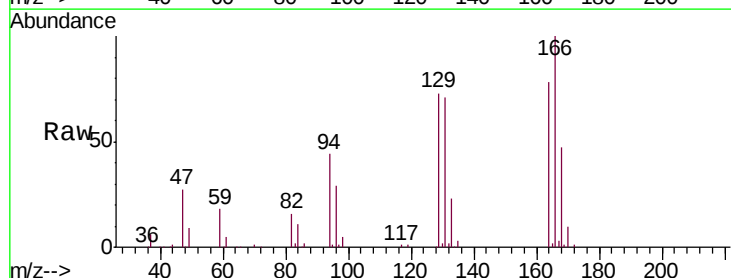


Abundance Ion 43.05 (42.75 to 43.75): VU0
Ion 58.05 (57.75 to 58.75): VU0
Ion 57.20 (56.90 to 57.90): VU0
Ion 100.15 (99.85 to 100.85): VU0

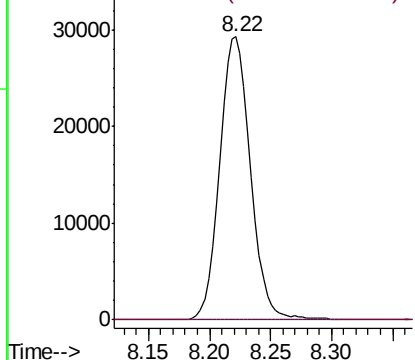
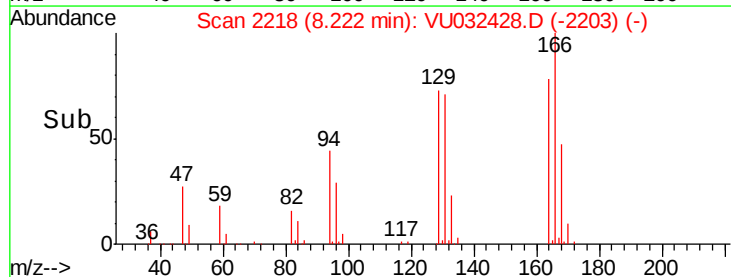


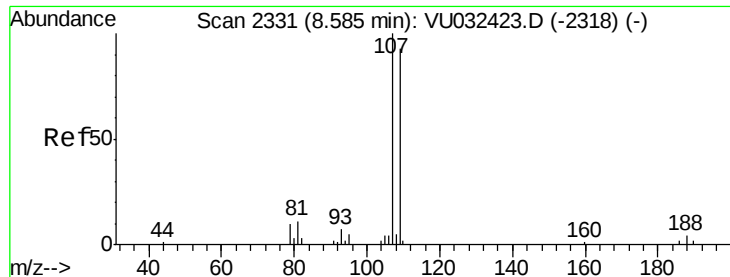
#49
Dibromochloromethane
Concen: 6.845 ug/L
RT: 8.22 min Scan# 2218
Delta R.T. -0.25 min
Lab File: VU032428.D
Acq: 04 Jun 2019 15:23

Tgt Ion: 129 Resp: 51834
Ion Ratio Lower Upper
129 100
127 0.0 53.3 98.9#



Abundance Ion 128.95 (128.65 to 129.65): V
Ion 126.90 (126.60 to 127.60): V

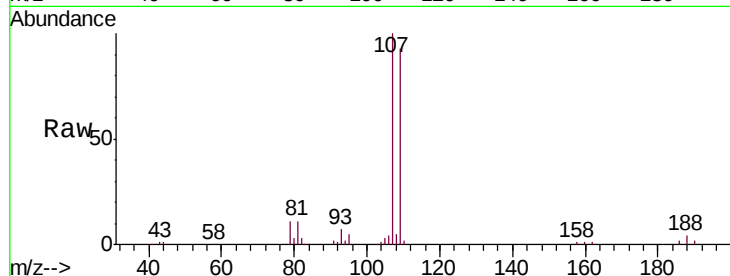




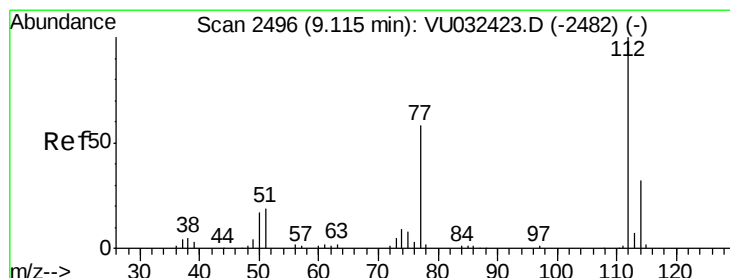
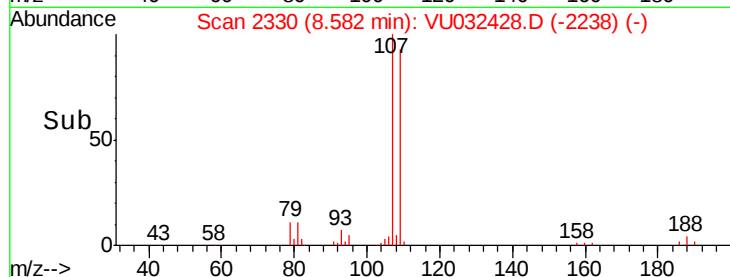
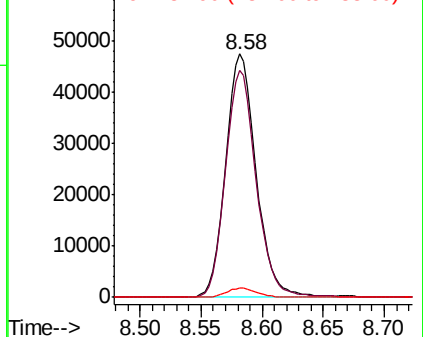
#50
1,2-Dibromoethane
Concen: 14.090 ug/L
RT: 8.58 min Scan# 2330
Delta R.T. -0.00 min
Lab File: VU032428.D
Acq: 04 Jun 2019 15:23

Instrument :
MSVOA_U
ClientSampleId :
GALE8

Tgt Ion:107 Resp: 83130
Ion Ratio Lower Upper
107 100
109 93.4 65.2 121.0
188 3.7 3.1 4.7

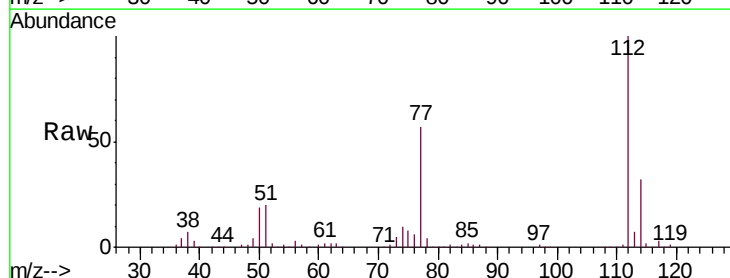


Abundance Ion 106.95 (106.65 to 107.65): V
Ion 109.00 (108.70 to 109.70): V
Ion 187.90 (187.60 to 188.60): V

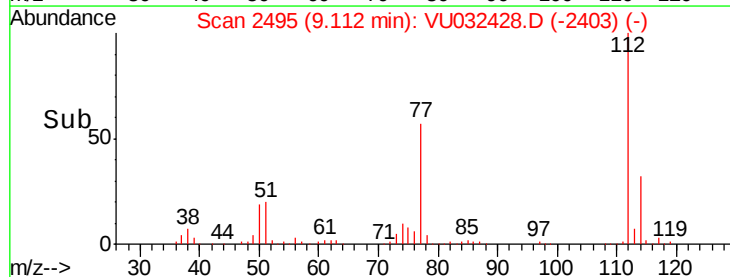
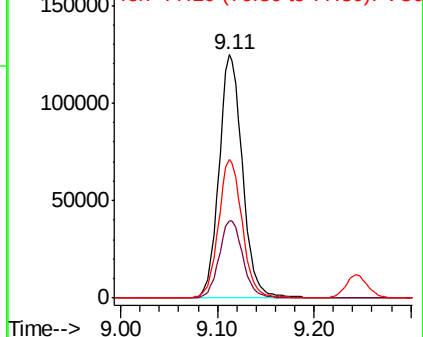


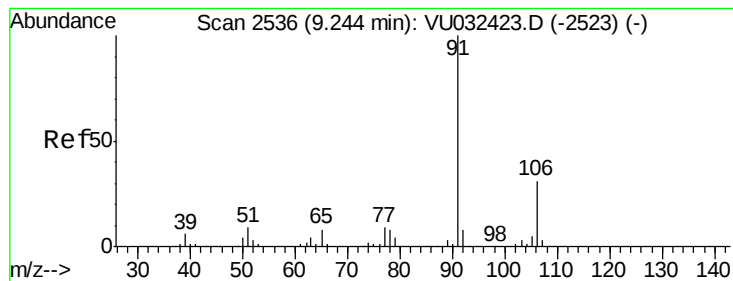
#51
Chlorobenzene
Concen: 9.537 ug/L
RT: 9.11 min Scan# 2495
Delta R.T. -0.00 min
Lab File: VU032428.D
Acq: 04 Jun 2019 15:23

Tgt Ion:112 Resp: 209589
Ion Ratio Lower Upper
112 100
114 31.8 22.4 41.6
77 57.1 46.5 69.7



Abundance Ion 112.10 (111.80 to 112.80): V
Ion 114.05 (113.75 to 114.75): V
Ion 77.10 (76.80 to 77.80): V





#52

Ethylbenzene

Concen: 5.636 ug/L

RT: 9.24 min Scan# 2536

Delta R.T. 0.00 min

Lab File: VU032428.D

Acq: 04 Jun 2019 15:23

Instrument :

MSVOA_U

ClientSampleId :

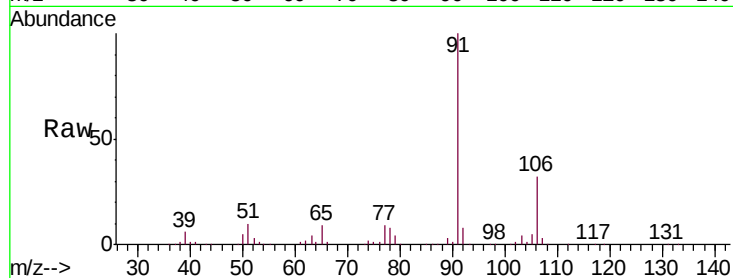
GALE8

Tgt Ion: 91 Resp: 217727

Ion Ratio Lower Upper

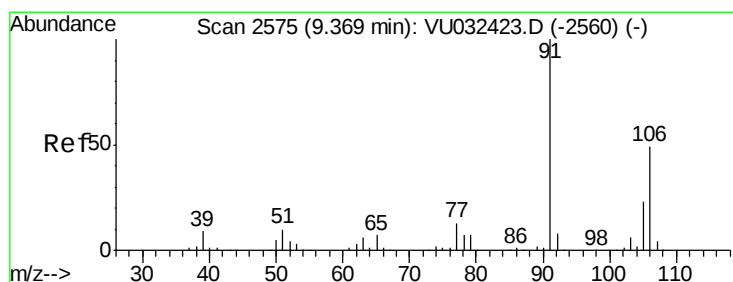
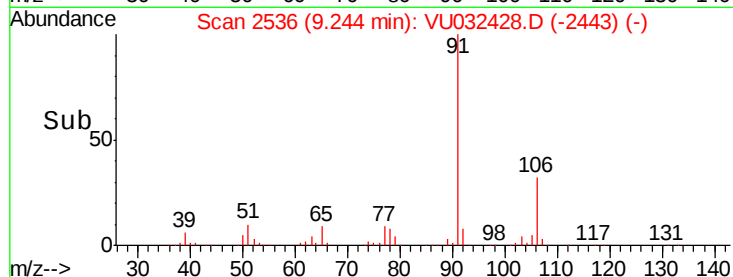
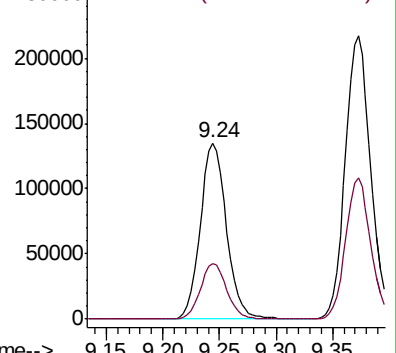
91 100

106 31.7 21.8 40.6



Abundance Ion 91.15 (90.85 to 91.85): VU0

Ion 106.15 (105.85 to 106.85): V



#53

m,p-Xylene

Concen: 11.515 ug/L

RT: 9.37 min Scan# 2576

Delta R.T. 0.00 min

Lab File: VU032428.D

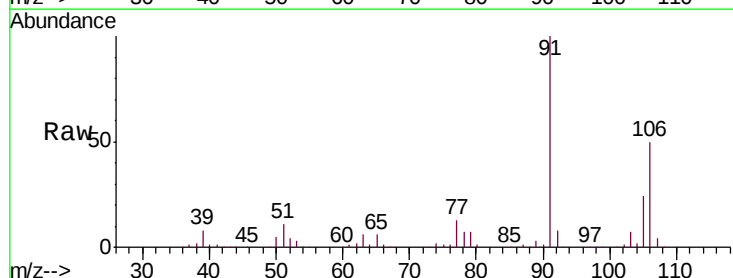
Acq: 04 Jun 2019 15:23

Tgt Ion: 106 Resp: 168627

Ion Ratio Lower Upper

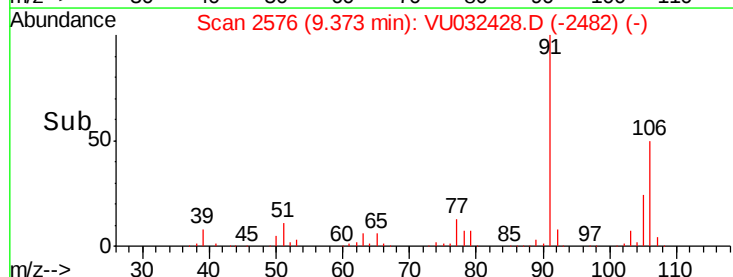
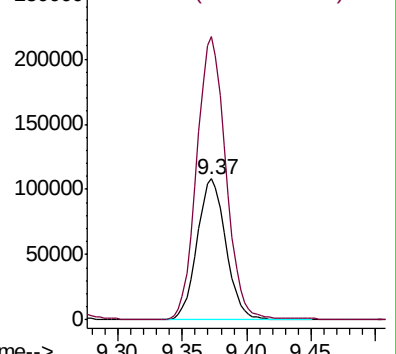
106 100

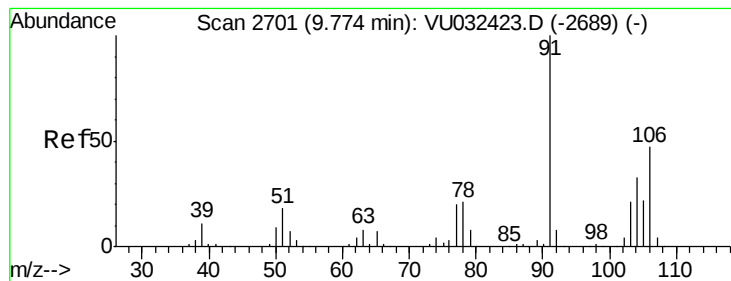
91 201.0 142.4 264.4



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VU0





#54

o-Xylene

Concen: 4.761 ug/L

RT: 9.77 min Scan# 2701

Delta R.T. 0.00 min

Lab File: VU032428.D

Acq: 04 Jun 2019 15:23

Instrument :

MSVOA_U

ClientSampleId :

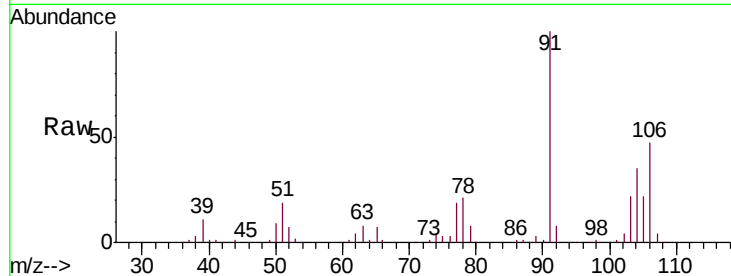
GALE8

Tgt Ion:106 Resp: 69588

Ion Ratio Lower Upper

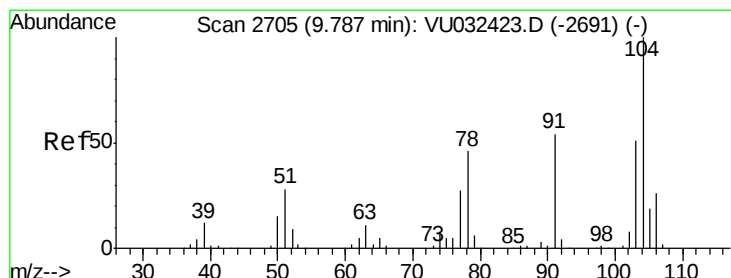
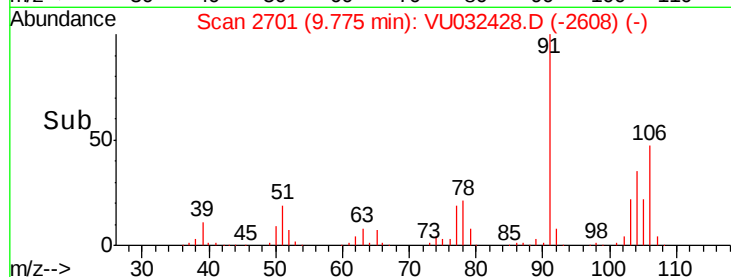
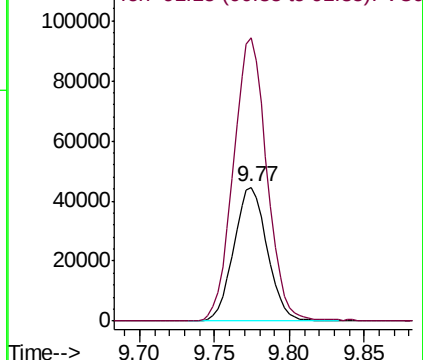
106 100

91 211.5 148.8 276.4



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VU0



#55

Styrene

Concen: 4.770 ug/L

RT: 9.79 min Scan# 2705

Delta R.T. 0.00 min

Lab File: VU032428.D

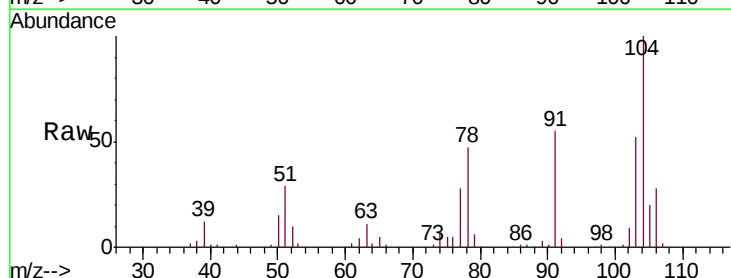
Acq: 04 Jun 2019 15:23

Tgt Ion:104 Resp: 114686

Ion Ratio Lower Upper

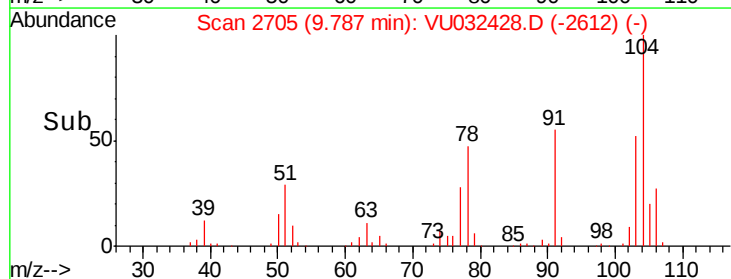
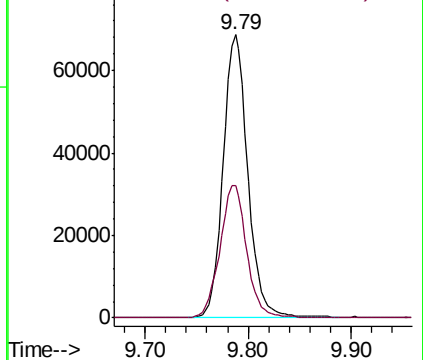
104 100

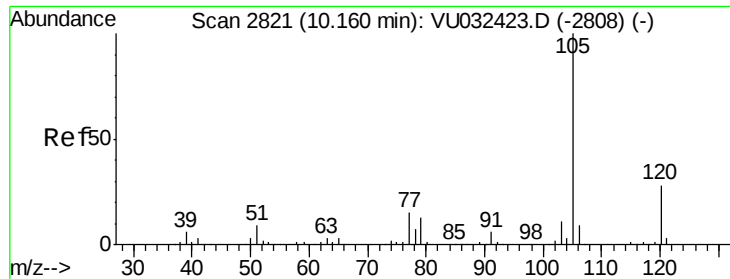
78 46.9 32.2 59.8



Abundance Ion 104.10 (103.80 to 104.80): V

Ion 78.10 (77.80 to 78.80): VU0





#56

Isopropylbenzene

Concen: 2.978 ug/L

RT: 10.16 min Scan# 2821

Delta R.T. 0.00 min

Lab File: VU032428.D

Acq: 04 Jun 2019 15:23

Instrument :

MSVOA_U

ClientSampleId :

GALE8

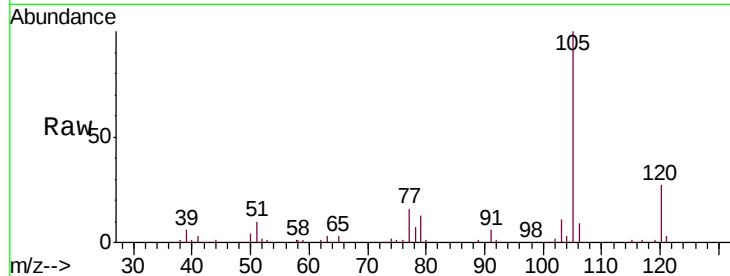
Tgt Ion: 105 Resp: 114816

Ion Ratio Lower Upper

105 100

120 26.7 21.6 32.4

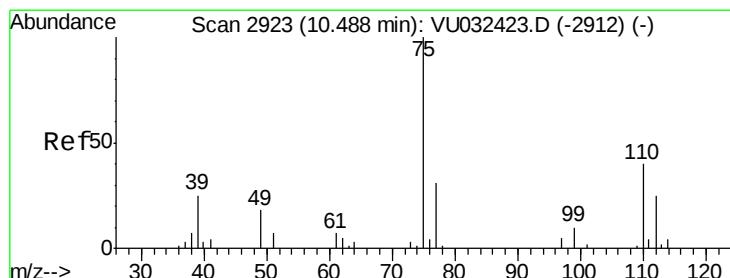
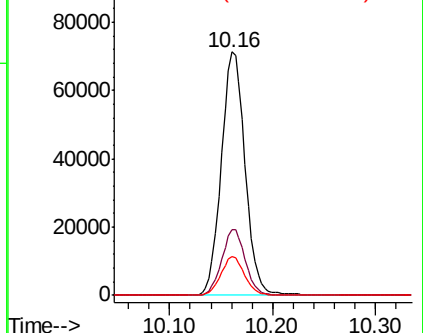
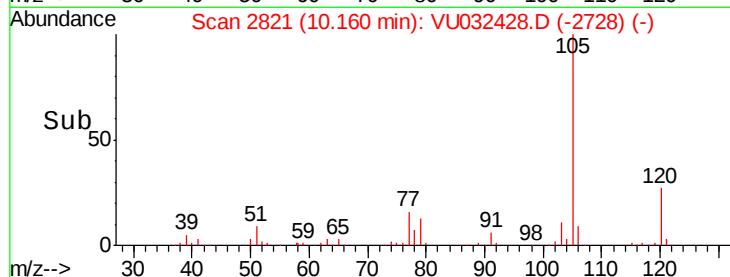
77 15.9 12.3 18.5



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: 1.243 ug/L

RT: 9.78 min Scan# 2704

Delta R.T. -0.70 min

Lab File: VU032428.D

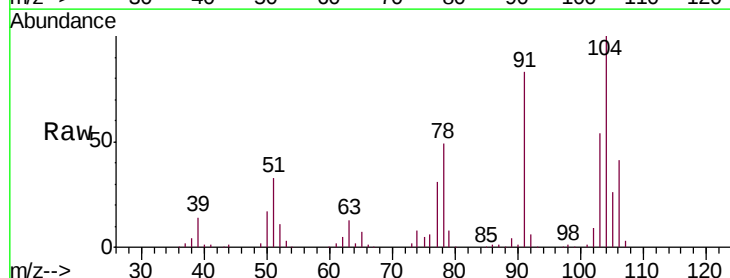
Acq: 04 Jun 2019 15:23

Tgt Ion: 75 Resp: 6644

Ion Ratio Lower Upper

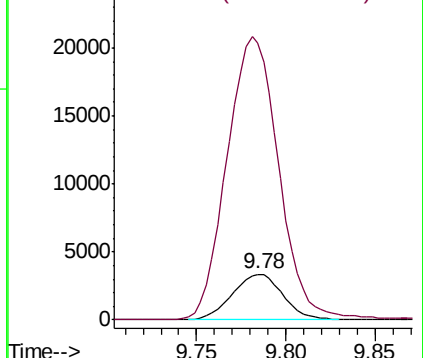
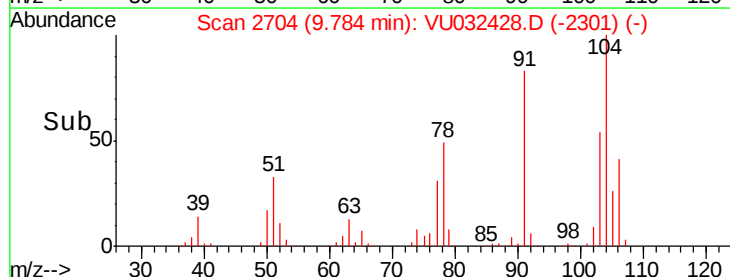
75 100

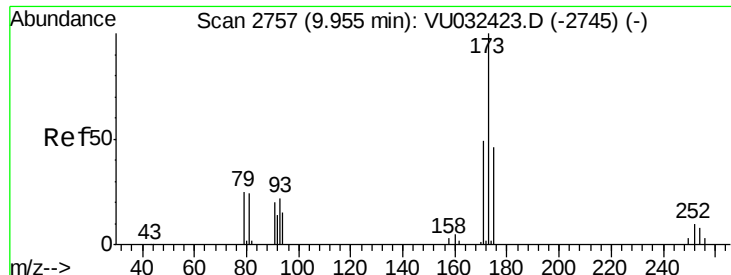
77 638.1 25.3 37.9#



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

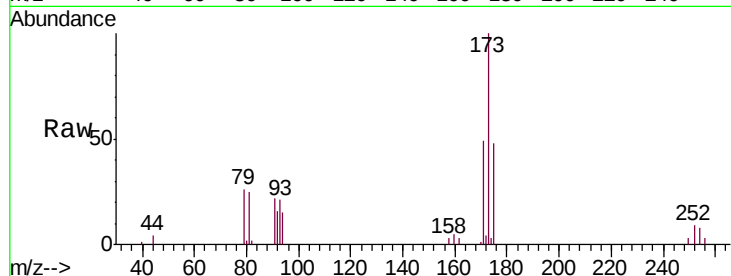




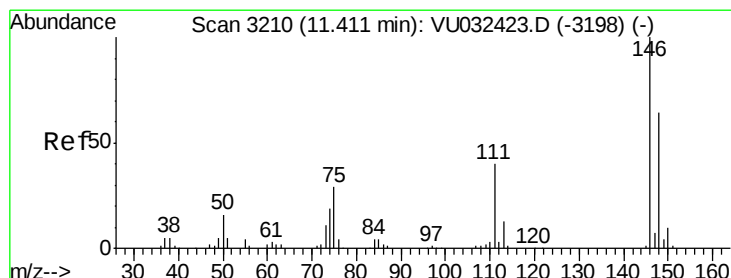
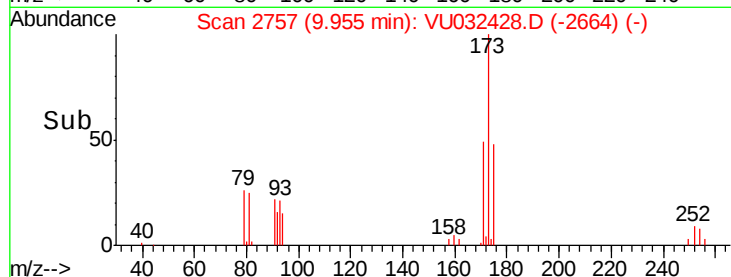
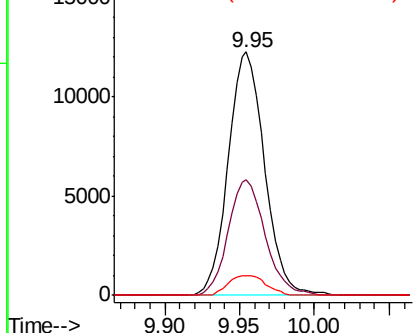
#61
Bromoform
Concen: 4.698 ug/L
RT: 9.95 min Scan# 2757
Delta R.T. 0.00 min
Lab File: VU032428.D
Acq: 04 Jun 2019 15:23

Instrument :
MSVOA_U
ClientSampled :
GALE8

Tgt Ion:173 Resp: 20745
Ion Ratio Lower Upper
173 100
175 48.0 37.9 56.9
254 8.3 6.8 10.2

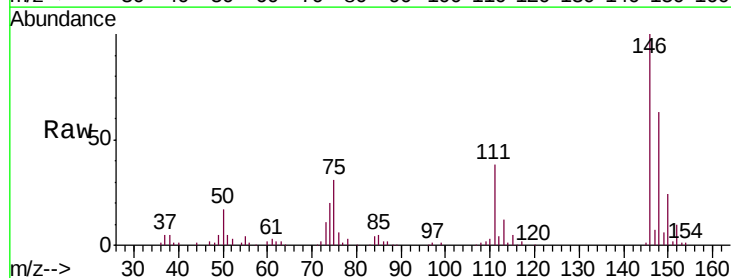


Abundance Ion 172.90 (172.60 to 173.60): V
Ion 174.90 (174.60 to 175.60): V
Ion 253.75 (253.45 to 254.45): V

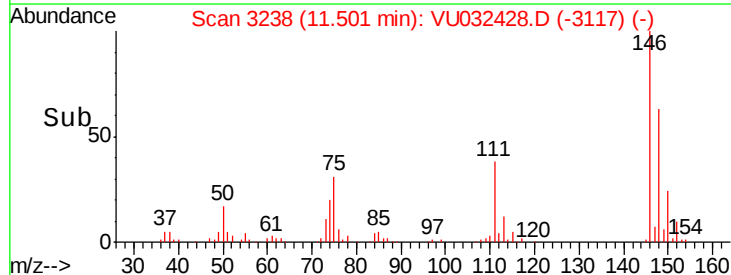
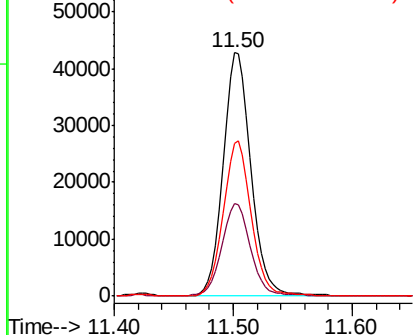


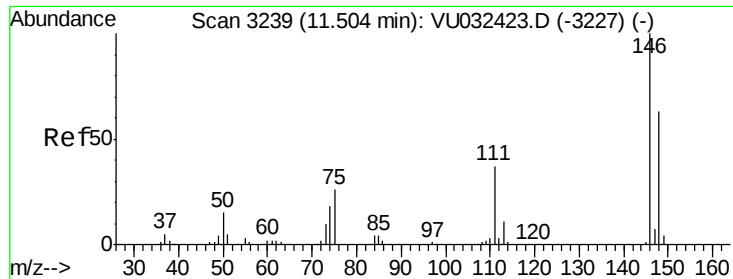
#62
1,3-Dichlorobenzene
Concen: 3.869 ug/L
RT: 11.50 min Scan# 3238
Delta R.T. 0.09 min
Lab File: VU032428.D
Acq: 04 Jun 2019 15:23

Tgt Ion:146 Resp: 69411
Ion Ratio Lower Upper
146 100
111 38.2 27.7 51.5
148 62.5 44.7 83.1



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

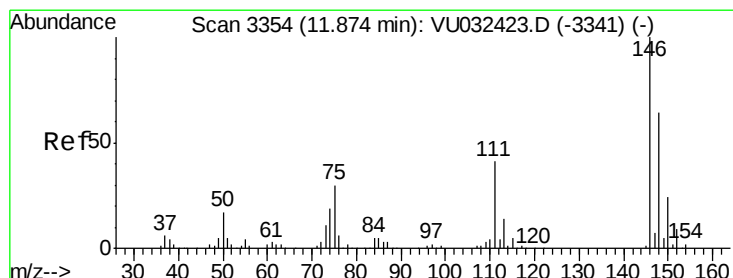
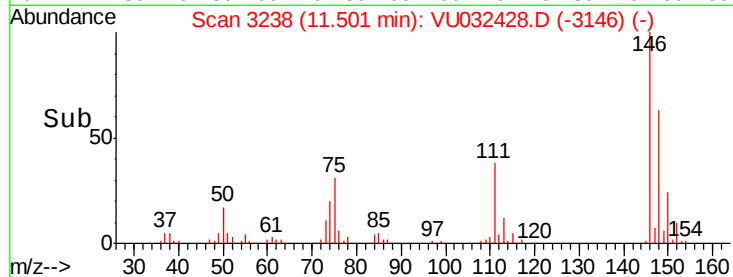
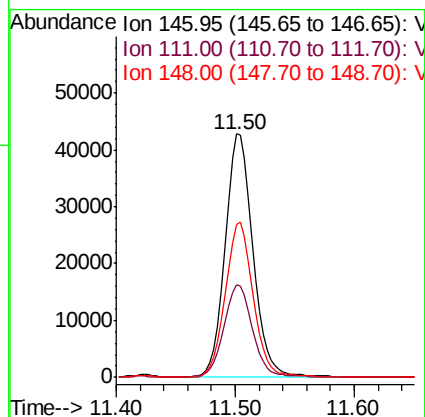
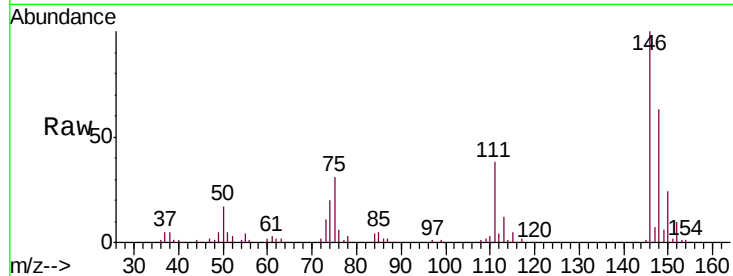




#63
1,4-Dichlorobenzene
Concen: 3.806 ug/L
RT: 11.50 min Scan# 3238
Delta R.T. -0.00 min
Lab File: VU032428.D
Acq: 04 Jun 2019 15:23

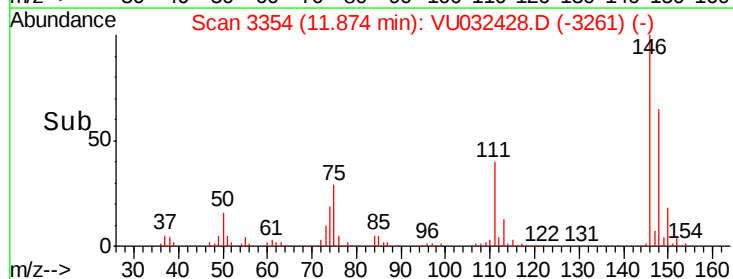
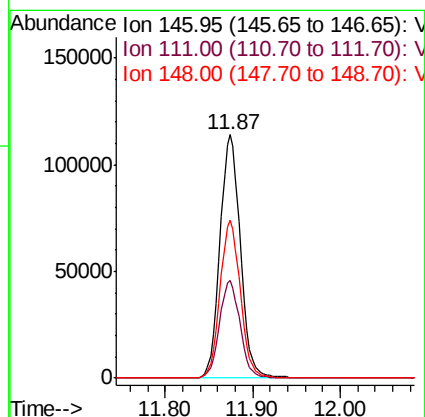
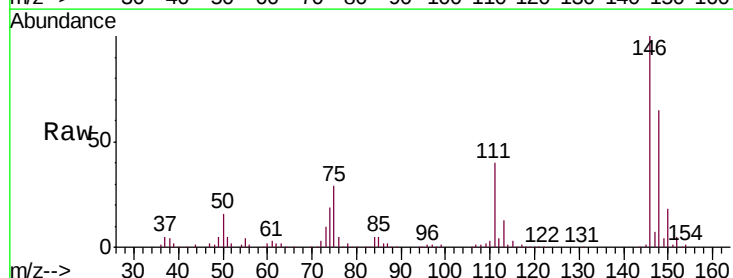
Instrument :
MSVOA_U
ClientSampled :
GALE8

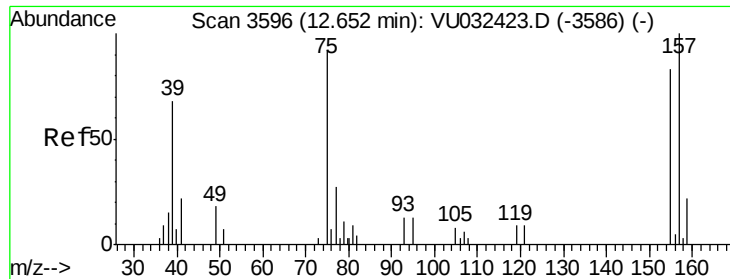
Tgt Ion:146 Resp: 69411
Ion Ratio Lower Upper
146 100
111 38.2 26.2 48.6
148 62.5 43.9 81.5



#65
1,2-Dichlorobenzene
Concen: 10.680 ug/L
RT: 11.87 min Scan# 3354
Delta R.T. 0.00 min
Lab File: VU032428.D
Acq: 04 Jun 2019 15:23

Tgt Ion:146 Resp: 185133
Ion Ratio Lower Upper
146 100
111 40.0 33.0 49.4
148 64.7 51.5 77.3

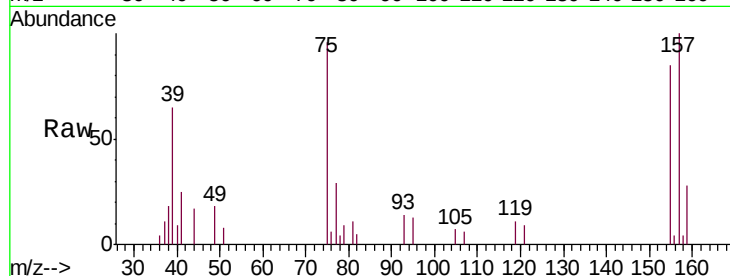




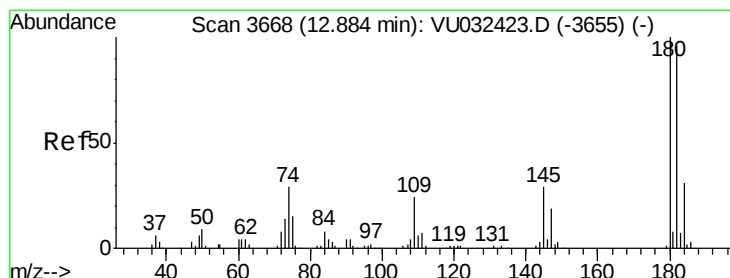
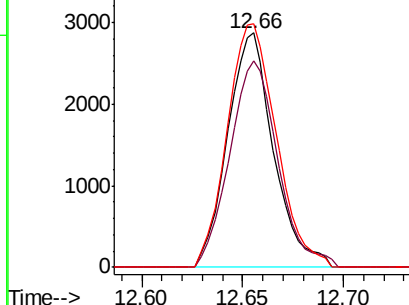
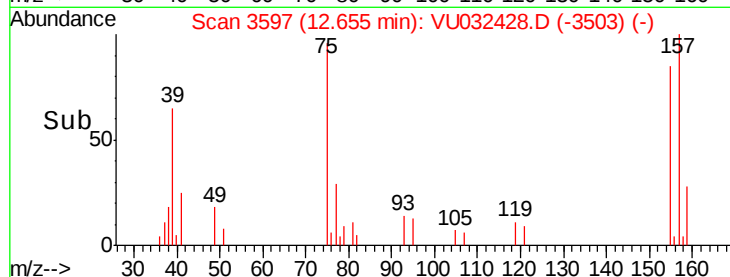
#66
 1,2-Dibromo-3-chloropropane
 Concen: 3.758 ug/L
 RT: 12.66 min Scan# 3597
 Delta R.T. 0.00 min
 Lab File: VU032428.D
 Acq: 04 Jun 2019 15:23

Instrument :
 MSVOA_U
 ClientSampleId :
 GALE8

Tgt Ion: 75 Resp: 4574
 Ion Ratio Lower Upper
 75 100
 155 88.2 72.3 108.5
 157 104.0 87.4 131.0

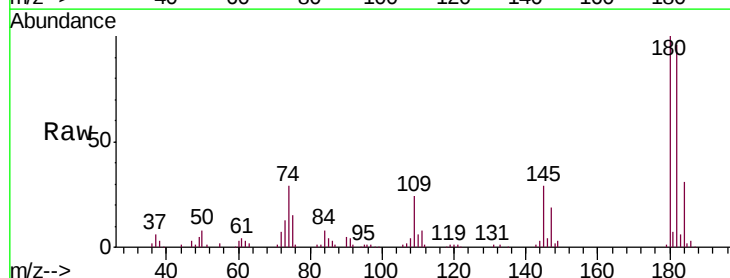


Abundance Ion 75.05 (74.75 to 75.75): VU032428.D (-3503) (-)
 Ion 154.95 (154.65 to 155.65): VU032428.D (-3503) (-)
 Ion 156.90 (156.60 to 157.60): VU032428.D (-3503) (-)

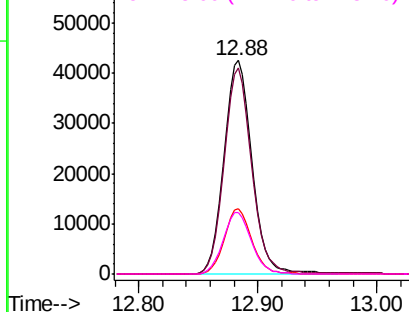
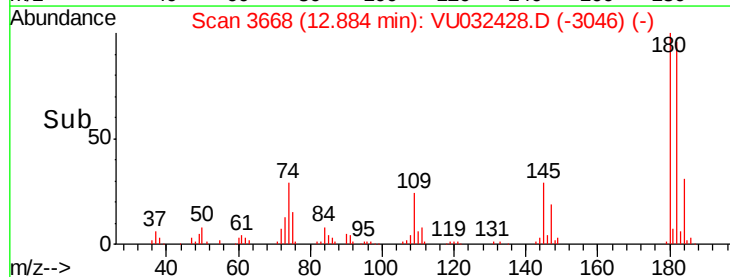


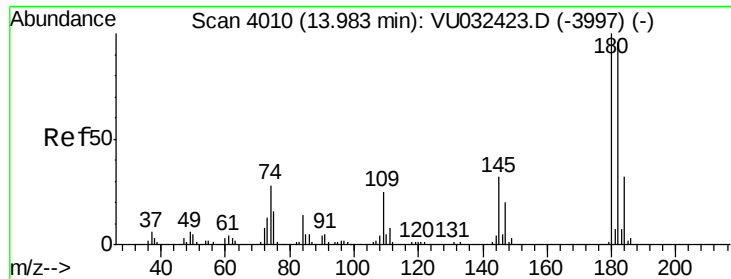
#67
 1,3,5-Trichlorobenzene
 Concen: 4.823 ug/L
 RT: 12.88 min Scan# 3668
 Delta R.T. 0.00 min
 Lab File: VU032428.D
 Acq: 04 Jun 2019 15:23

Tgt Ion: 180 Resp: 69338
 Ion Ratio Lower Upper
 180 100
 182 95.3 76.6 115.0
 184 29.9 24.2 36.4
 145 29.0 23.5 35.3



Abundance Ion 180.00 (179.70 to 180.70): VU032428.D (-3046) (-)
 Ion 182.00 (181.70 to 182.70): VU032428.D (-3046) (-)
 Ion 184.00 (183.70 to 184.70): VU032428.D (-3046) (-)
 Ion 145.00 (144.70 to 145.70): VU032428.D (-3046) (-)

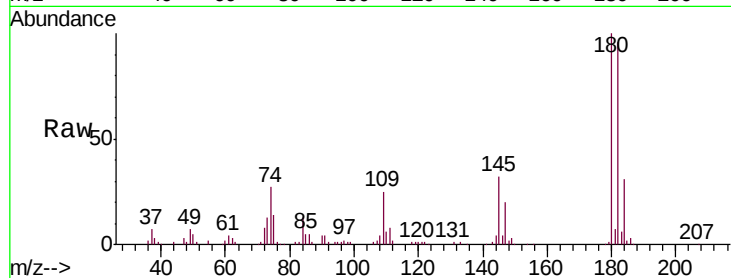




#70
 1,2,3-Trichlorobenzene
 Concen: 9.378 ug/L
 RT: 13.98 min Scan# 4010
 Delta R.T. 0.00 min
 Lab File: VU032428.D
 Acq: 04 Jun 2019 15:23

Instrument :
 MSVOA_U
 ClientSampleId :
 GALE8

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.1	73.8	110.6
145	32.0	25.3	37.9



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

