

Data File : VV012397.D
Acq On : 26 Aug 2019 12:34
Operator : SY/MD
Sample : K4501-07
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
GANM2

Quant Time: Aug 27 02:23:15 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR082319WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Aug 27 02:19:39 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	247990	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	244092	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	110116	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	56482	4.56	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.20%
7) Chloroethane-d5	1.58	69	41079	4.49	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.80%
11) 1,1-Dichloroethene-d2	2.13	63	97057	4.41	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	88.20%
20) 2-Butanone-d5	3.97	46	168645	50.49	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.98%
24) Chloroform-d	4.40	84	133591	4.69	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.80%
26) 1,2-Dichloroethane-d4	5.08	65	65780	4.78	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.60%
32) Benzene-d6	5.10	84	273162	4.60	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.00%
36) 1,2-Dichloropropane-d6	6.12	67	81906	4.55	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.00%
41) Toluene-d8	7.36	98	224334	4.22	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.40%
43) trans-1,3-Dichloropropene-	7.66	79	29990	4.40	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.00%
46) 2-Hexanone-d5	8.14	63	101226	47.80	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.60%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	54372	4.55	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.00%
64) 1,2-Dichlorobenzene-d4	11.67	152	86858	4.74	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.80%

Target Compounds

					Qvalue
3) Chloromethane	1.25	50	61894	3.799 ug/L	96
6) Bromomethane	1.54	94	29408	4.079 ug/L	91
9) Trichlorofluoromethane	1.77	101	173229	8.238 ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	1214	0.111 ug/L #	29
12) 1,1-Dichloroethene	2.14	96	38435	3.864 ug/L	95
13) Acetone	2.23	43	124245	85.978 ug/L	94
14) Carbon disulfide	2.32	76	167986	5.374 ug/L	99
15) Methyl Acetate	2.23	43	118032	32.448 ug/L #	48
16) Methylene chloride	2.53	84	26787	2.416 ug/L	97
17) Methyl tert-butyl Ether	2.81	73	295630	9.862 ug/L	99
19) 1,1-Dichloroethane	3.23	63	279760	10.171 ug/L	97
21) 2-Butanone	4.05	43	459651	135.427 ug/L	98
25) Chloroform	4.42	83	6111	0.199 ug/L	97
27) 1,2-Dichloroethane	5.18	62	131268	8.106 ug/L	99
29) 1,1,1-Trichloroethane	4.65	97	229735	9.421 ug/L	98
30) Cyclohexane	4.72	56	311315	12.357 ug/L	100
31) Carbon tetrachloride	4.66	117	30583	1.418 ug/L	98

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Quant Title : TRACE VOA SOM01.0
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
34) Trichloroethene	5.96	95	87901	5.232	ug/L	99
35) Methylcyclohexane	6.17	83	174765	6.623	ug/L	99
37) 1,2-Dichloropropane	6.22	63	38797	2.460	ug/L	99
39) cis-1,3-Dichloropropene	7.03	75	2144	0.101	ug/L #	63
42) Toluene	7.43	91	595636	9.369	ug/L	98
44) trans-1,3-Dichloropropene	7.66	75	1457	0.091	ug/L #	63
45) 1,1,2-Trichloroethane	8.01	97	1183	0.116	ug/L #	15
47) Tetrachloroethene	8.02	164	130670	9.641	ug/L	97
48) 2-Hexanone	8.19	43	389741	63.932	ug/L	94
49) Dibromochloromethane	8.02	129	112522	9.189	ug/L #	11
50) 1,2-Dibromoethane	8.40	107	165263	17.107	ug/L	98
51) Chlorobenzene	8.92	112	477574	11.497	ug/L	99
52) Ethylbenzene	9.05	91	491584	7.183	ug/L	99
53) m,p-xylene	9.18	106	386785	15.076	ug/L	99
54) o-xylene	9.59	106	149367	6.118	ug/L	95
55) Styrene	9.60	104	251111	6.148	ug/L	94
56) Isopropylbenzene	9.97	105	238084	3.644	ug/L	99
61) Bromoform	9.77	173	37265	5.899	ug/L	97
62) 1,3-Dichlorobenzene	11.32	146	137600	4.601	ug/L	99
63) 1,4-Dichlorobenzene	11.32	146	137600	4.594	ug/L	99
65) 1,2-Dichlorobenzene	11.69	146	389156	14.151	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.47	75	7261	4.605	ug/L	92
67) 1,3,5-Trichlorobenzene	12.69	180	134182	5.860	ug/L	99
70) 1,2,3-Trichlorobenzene	13.79	180	172502	11.540	ug/L	99

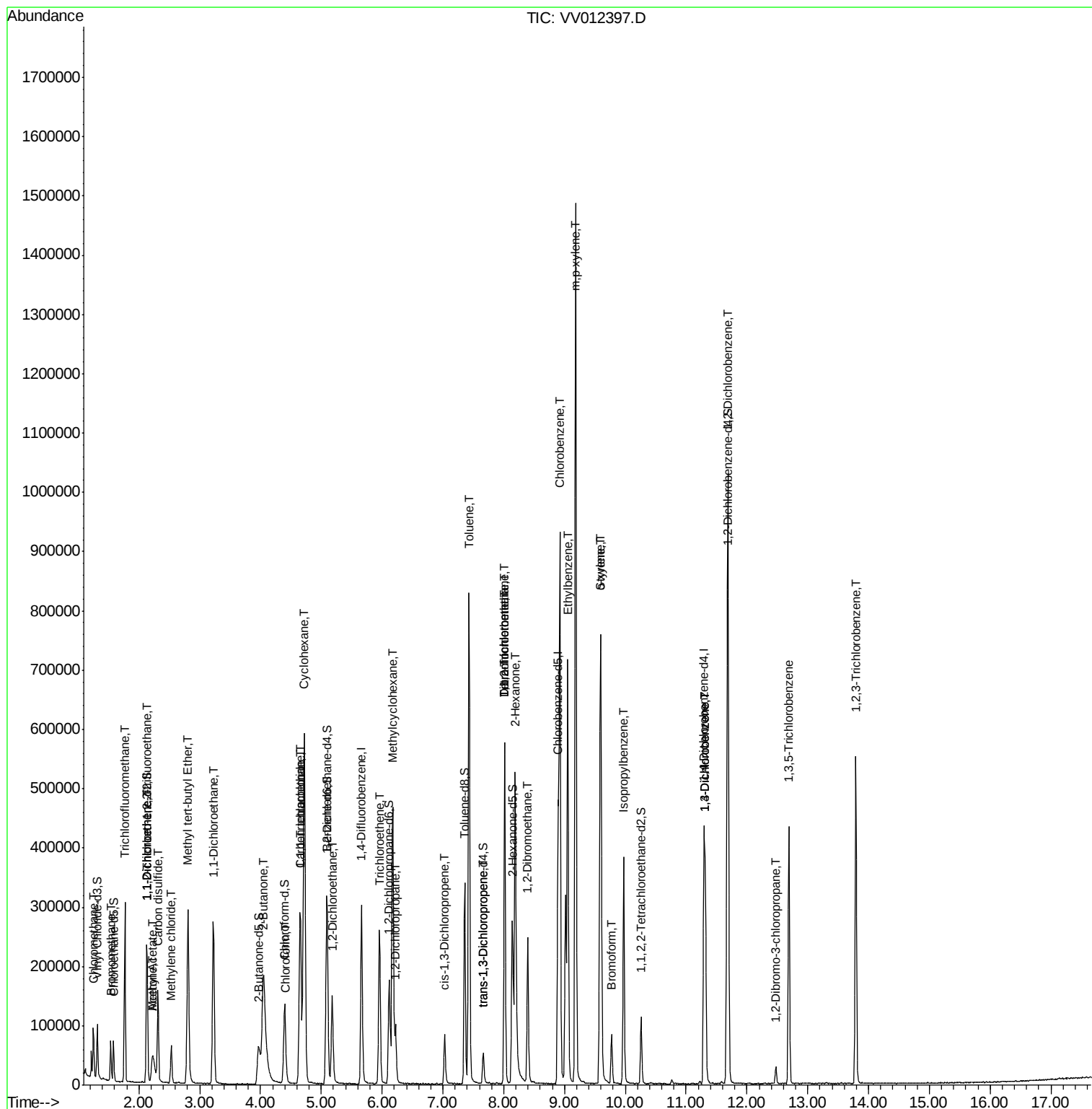
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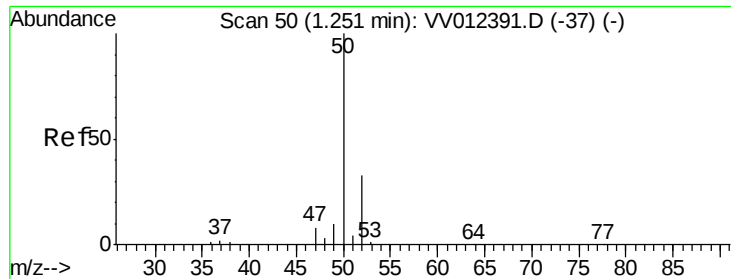
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#3

Chloromethane

Concen: 3.799 ug/L

RT: 1.25 min Scan# 50

Delta R.T. -0.00 min

Lab File: VV012397.D

Acq: 26 Aug 2019 12:34

Instrument :

MSVOA_V

ClientSampleId :

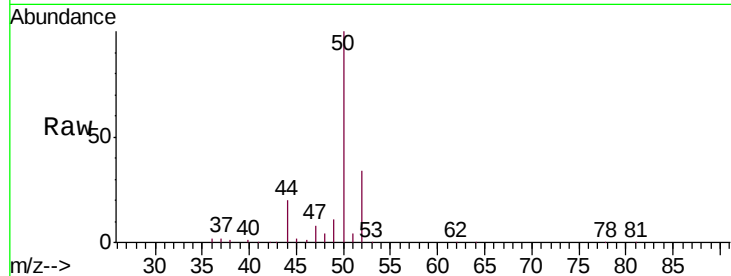
GANM2

Tgt Ion: 50 Resp: 61894

Ion Ratio Lower Upper

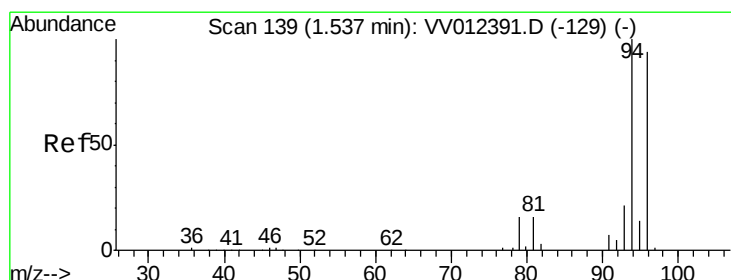
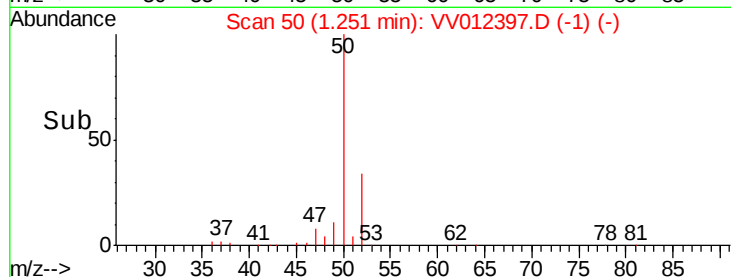
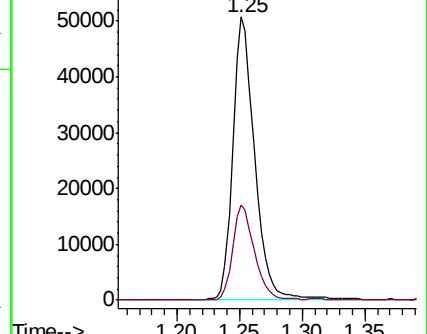
50 100

52 33.8 22.2 41.2



Abundance Ion 50.05 (49.75 to 50.75): VV0

Ion 52.05 (51.75 to 52.75): VV0



#6

Bromomethane

Concen: 4.079 ug/L

RT: 1.54 min Scan# 139

Delta R.T. -0.00 min

Lab File: VV012397.D

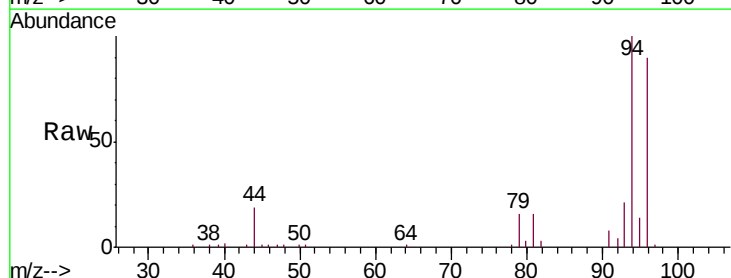
Acq: 26 Aug 2019 12:34

Tgt Ion: 94 Resp: 29408

Ion Ratio Lower Upper

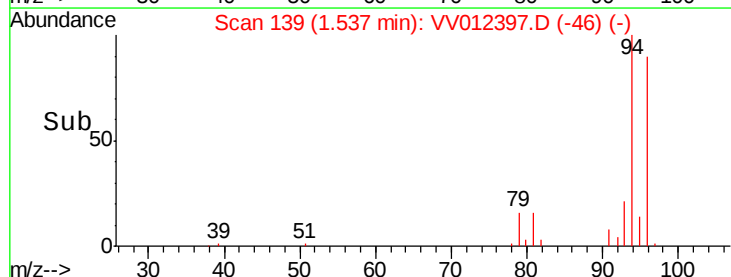
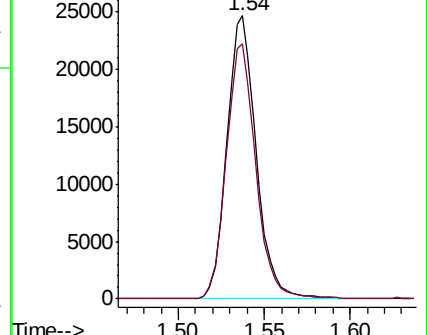
94 100

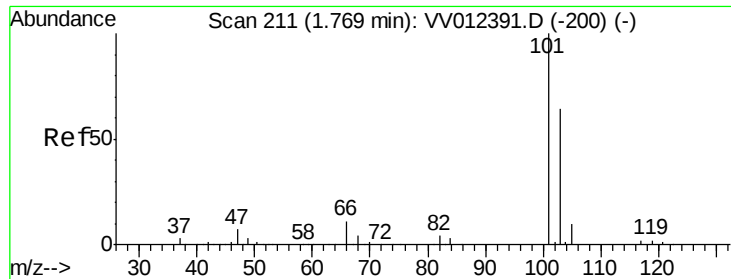
96 90.4 69.2 128.6



Abundance Ion 94.00 (93.70 to 94.70): VV0

Ion 96.00 (95.70 to 96.70): VV0



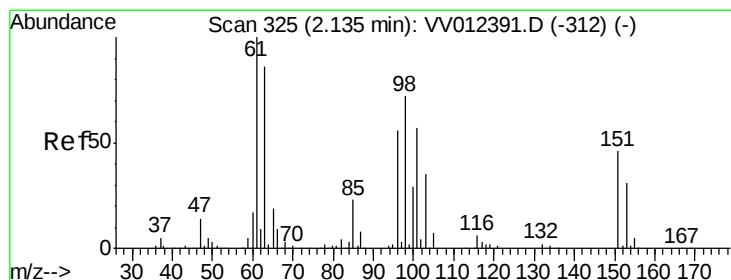
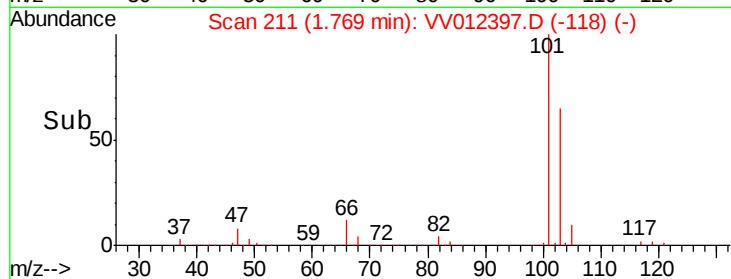
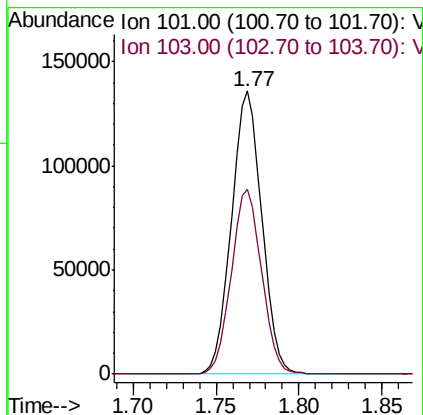
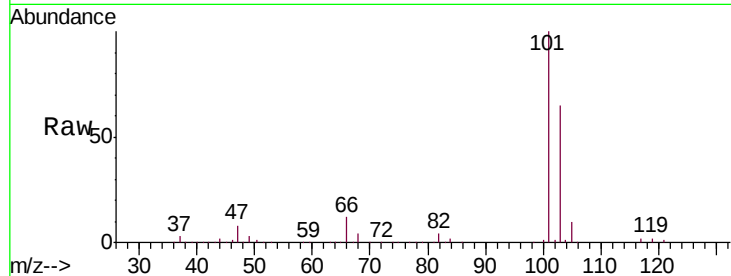


#9

Trichlorofluoromethane
Concen: 8.238 ug/L
RT: 1.77 min Scan# 211
Delta R.T. -0.00 min
Lab File: VV012397.D
Acq: 26 Aug 2019 12:34

Instrument :
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ClientSampleId :
GANM2

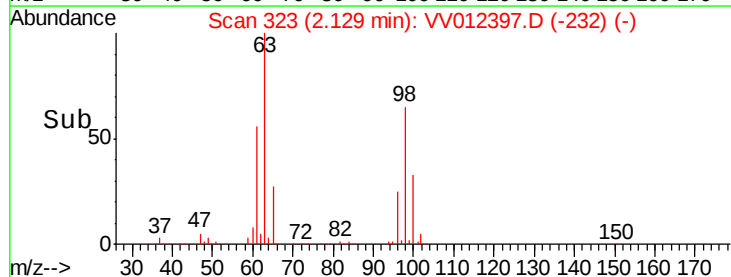
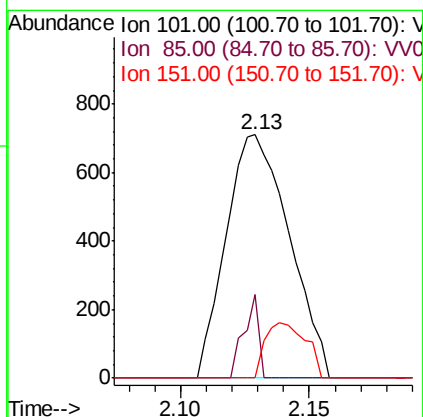
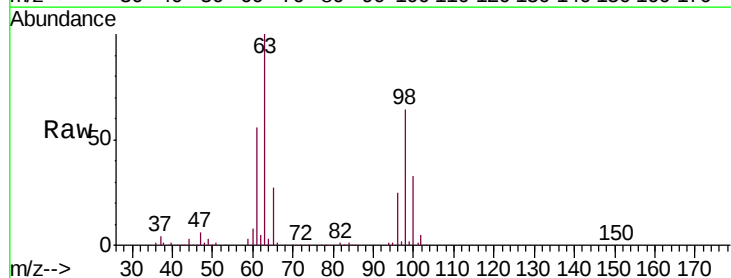
Tgt Ion:101 Resp: 173229
Ion Ratio Lower Upper
101 100
103 65.4 51.2 76.8

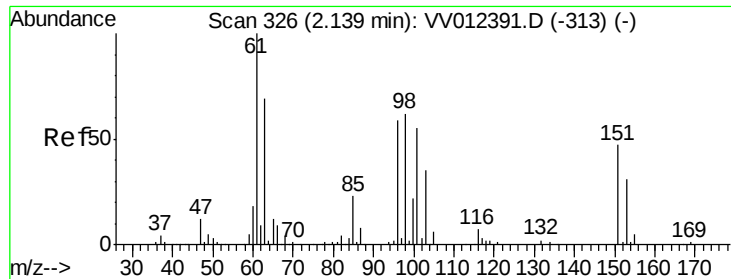


#10

1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.111 ug/L
RT: 2.13 min Scan# 323
Delta R.T. -0.01 min
Lab File: VV012397.D
Acq: 26 Aug 2019 12:34

Tgt Ion:101 Resp: 1214
Ion Ratio Lower Upper
101 100
85 8.0 34.6 51.8#
151 14.7 71.2 106.8#

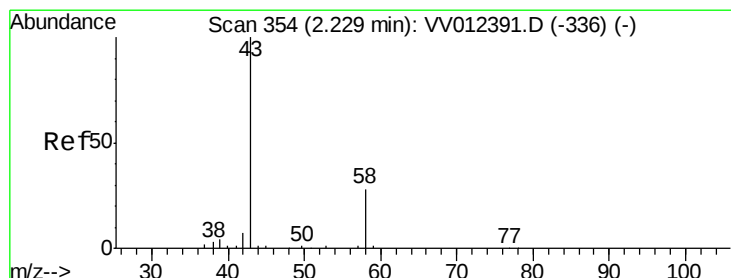
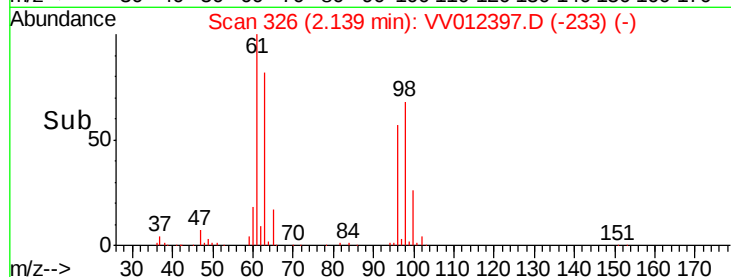
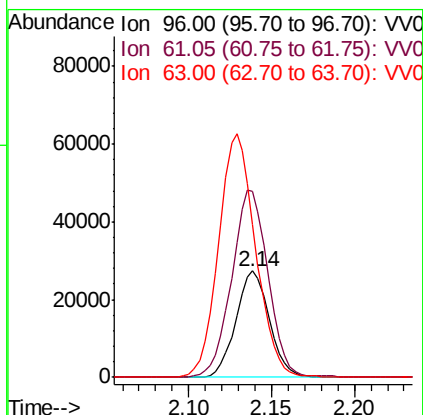
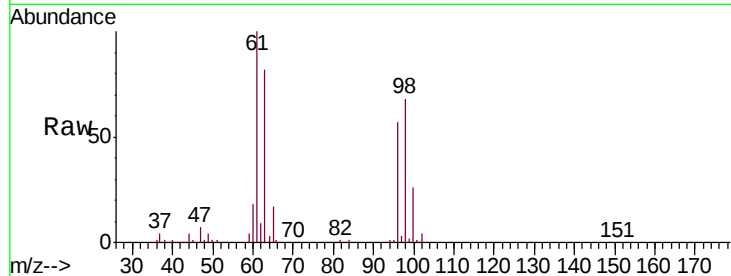




#12
 1,1-Dichloroethene
 Concen: 3.864 ug/L
 RT: 2.14 min Scan# 326
 Delta R.T. -0.00 min
 Lab File: VV012397.D
 Acq: 26 Aug 2019 12:34

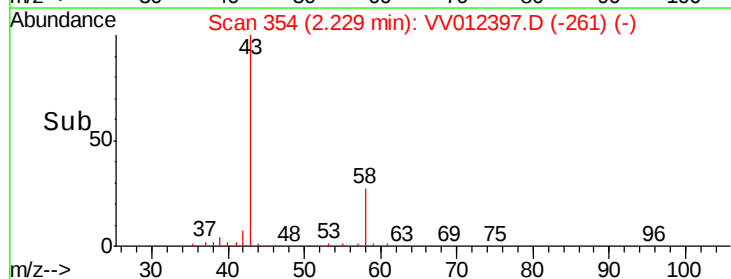
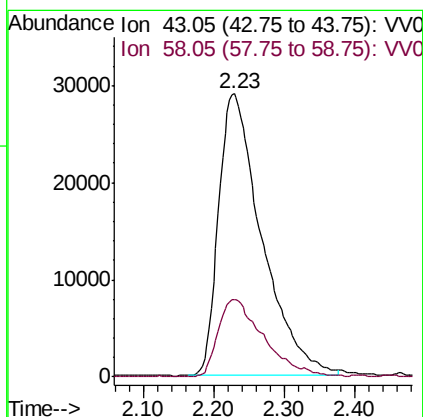
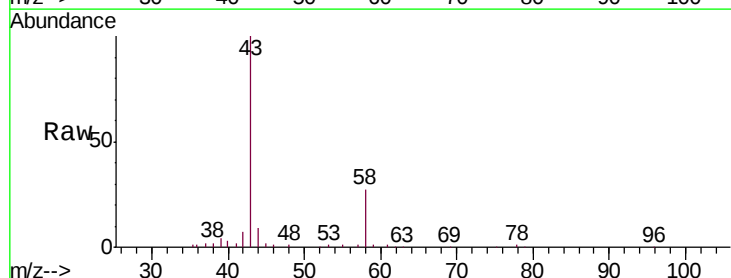
Instrument :
 MSVOA_V
 ClientSampled :
 GANM2

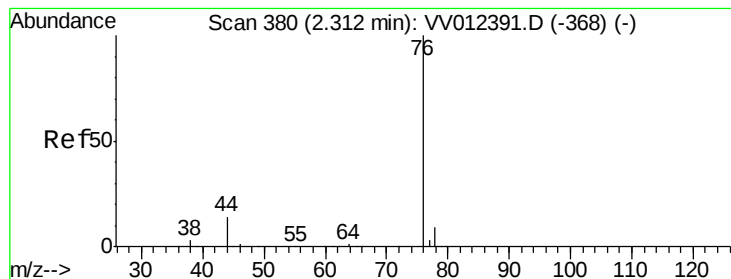
Tgt Ion: 96 Resp: 38435
 Ion Ratio Lower Upper
 96 100
 61 174.8 122.3 227.1
 63 143.0 90.6 168.2



#13
 Acetone
 Concen: 85.978 ug/L
 RT: 2.23 min Scan# 354
 Delta R.T. -0.00 min
 Lab File: VV012397.D
 Acq: 26 Aug 2019 12:34

Tgt Ion: 43 Resp: 124245
 Ion Ratio Lower Upper
 43 100
 58 28.1 0.0 62.8





#14

Carbon disulfide

Concen: 5.374 ug/L

RT: 2.32 min Scan# 381

Delta R.T. 0.00 min

Lab File: VV012397.D

Acq: 26 Aug 2019 12:34

Instrument :

MSVOA_V

ClientSampled :

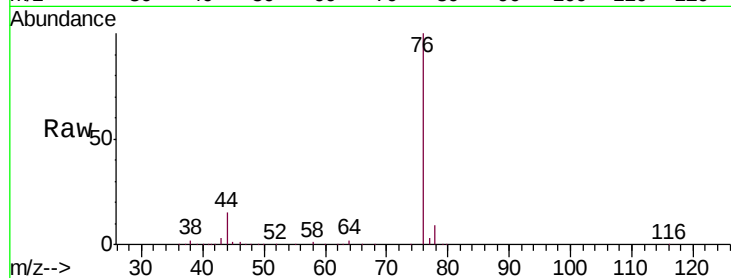
GANM2

Tgt Ion: 76 Resp: 167986

Ion Ratio Lower Upper

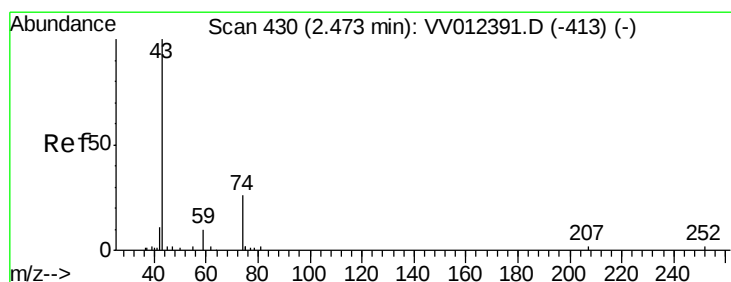
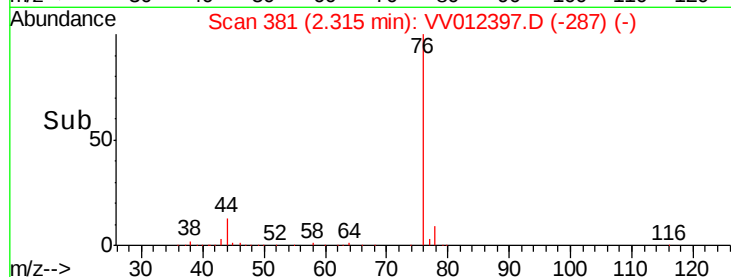
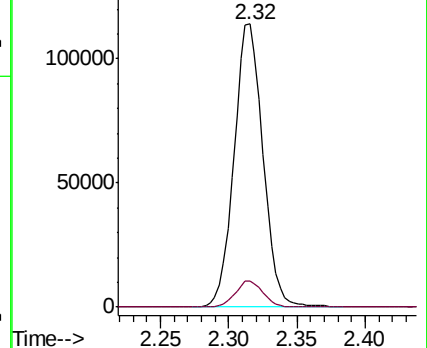
76 100

78 9.3 7.3 10.9



Abundance Ion 76.05 (75.75 to 76.75): VV0

Ion 78.00 (77.70 to 78.70): VV0



#15

Methyl Acetate

Concen: 32.448 ug/L

RT: 2.23 min Scan# 354

Delta R.T. -0.24 min

Lab File: VV012397.D

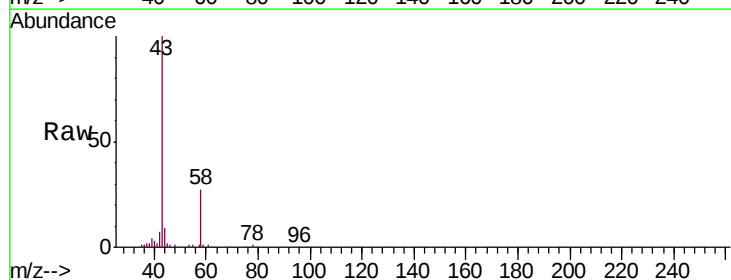
Acq: 26 Aug 2019 12:34

Tgt Ion: 43 Resp: 118032

Ion Ratio Lower Upper

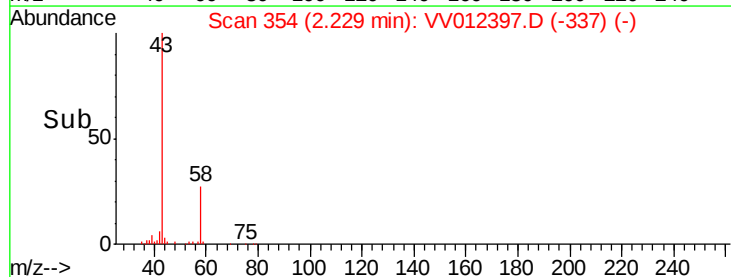
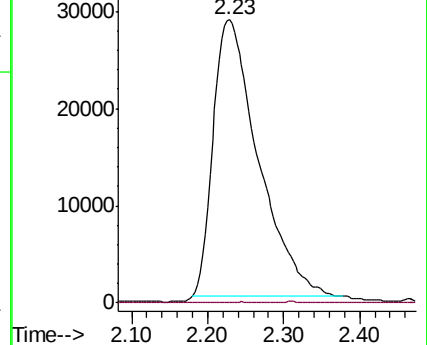
43 100

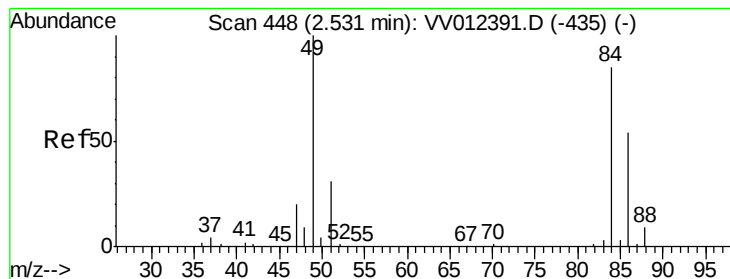
74 0.0 21.8 32.6#



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 74.05 (73.75 to 74.75): VV0





#16

Methylene chloride

Concen: 2.416 ug/L

RT: 2.53 min Scan# 449

Delta R.T. 0.00 min

Lab File: VV012397.D

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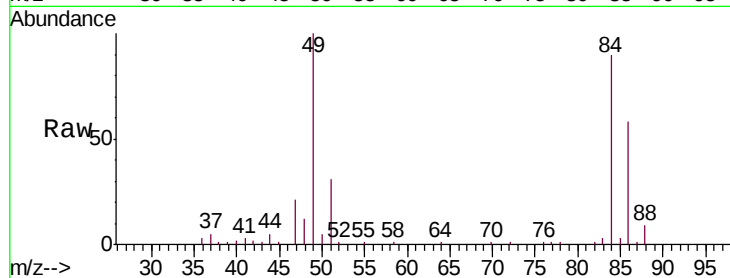
Tgt Ion: 84 Resp: 26787

Ion Ratio Lower Upper

84 100

86 64.3 44.9 83.5

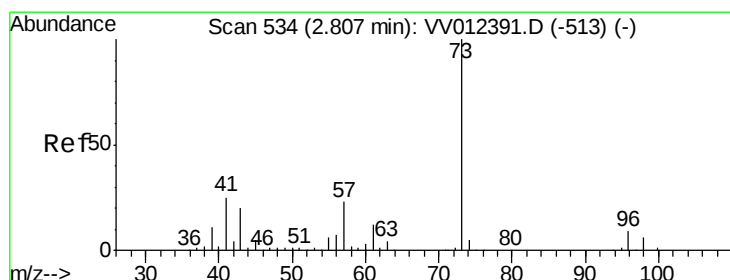
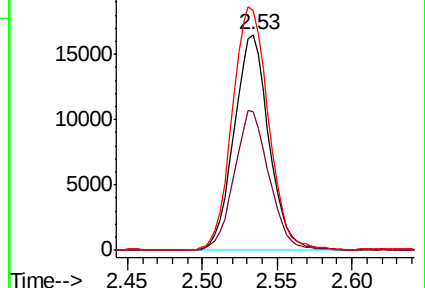
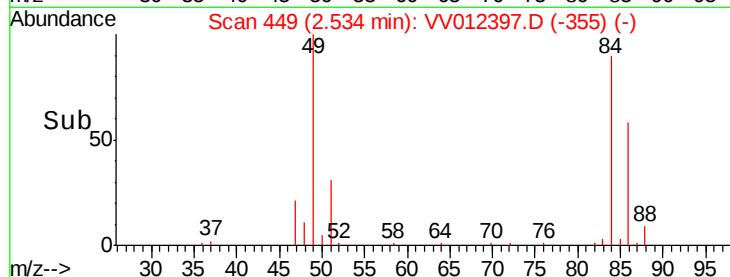
49 111.0 81.1 150.7



Abundance Ion 84.05 (83.75 to 84.75): VV0

Ion 86.00 (85.70 to 86.70): VV0

Ion 49.10 (48.80 to 49.80): VV0



#17

Methyl tert-butyl Ether

Concen: 9.862 ug/L

RT: 2.81 min Scan# 534

Delta R.T. -0.00 min

Lab File: VV012397.D

Acq: 26 Aug 2019 12:34

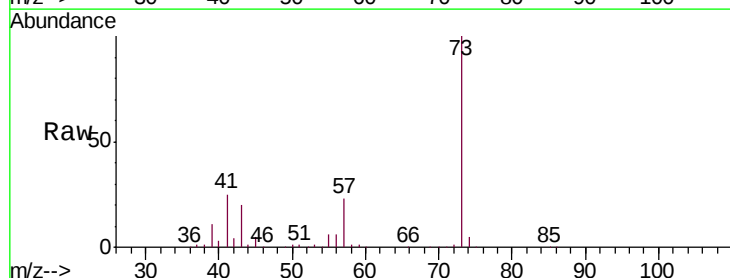
Tgt Ion: 73 Resp: 295630

Ion Ratio Lower Upper

73 100

43 20.0 15.0 22.6

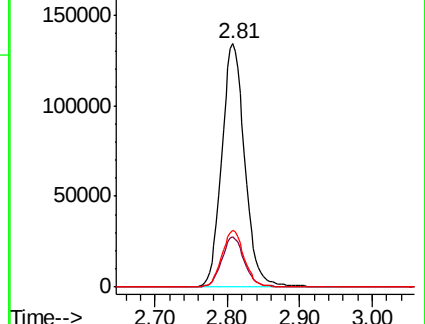
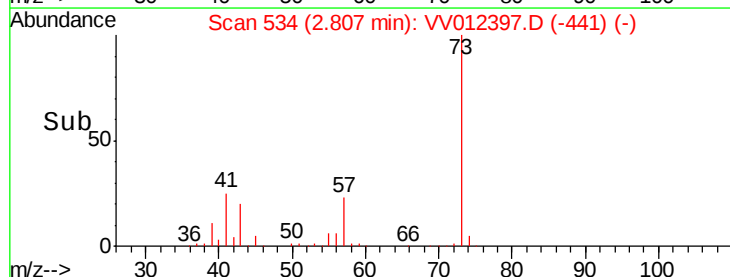
57 22.6 18.0 27.0

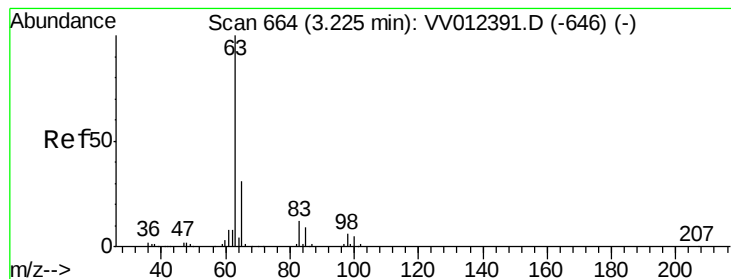


Abundance Ion 73.10 (72.80 to 73.80): VV0

Ion 43.05 (42.75 to 43.75): VV0

Ion 57.10 (56.80 to 57.80): VV0





#19

1,1-Dichloroethane

Concen: 10.171 ug/L

RT: 3.23 min Scan# 664

Delta R.T. -0.00 min

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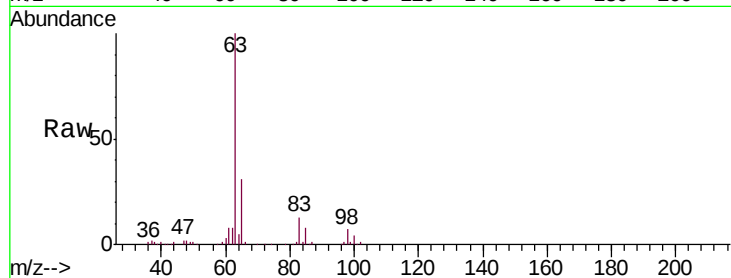
Tgt Ion: 63 Resp: 279760

Ion Ratio Lower Upper

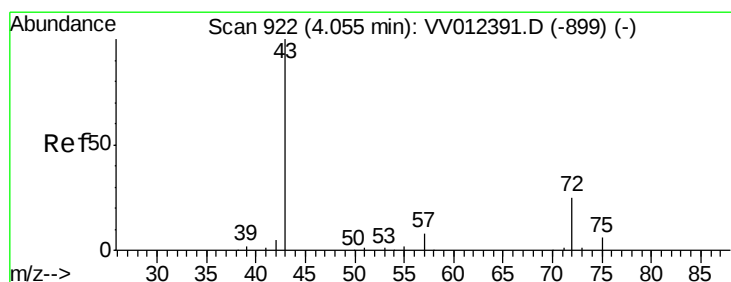
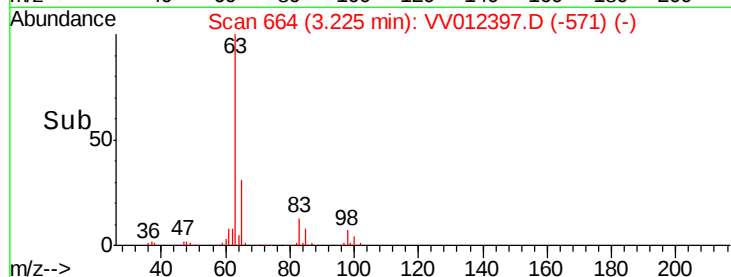
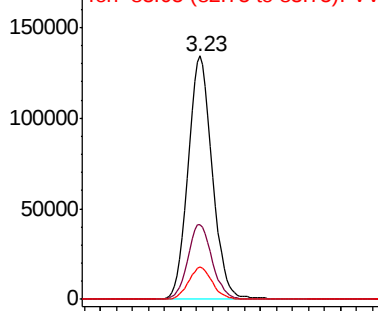
63 100

65 30.9 23.1 42.9

83 13.4 9.4 17.6



Abundance Ion 63.10 (62.80 to 63.80): VV0
Ion 65.10 (64.80 to 65.80): VV0
Ion 83.05 (82.75 to 83.75): VV0



#21

2-Butanone

Concen: 135.427 ug/L

RT: 4.05 min Scan# 920

Delta R.T. -0.01 min

Lab File: VV012397.D

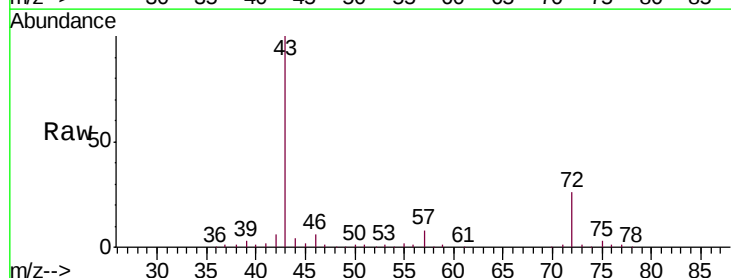
Acq: 26 Aug 2019 12:34

Tgt Ion: 43 Resp: 459651

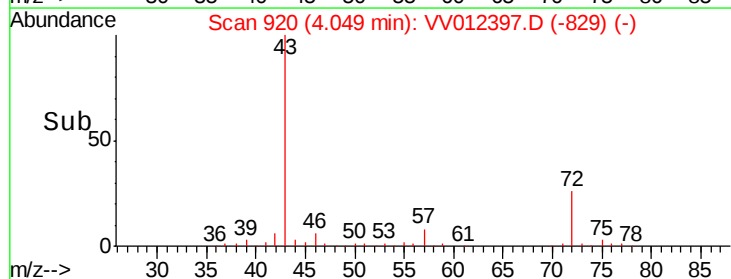
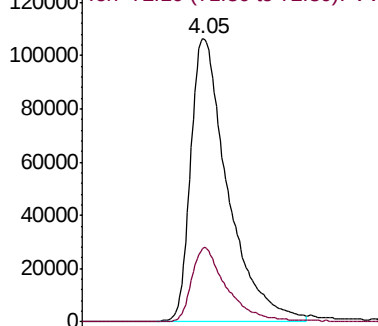
Ion Ratio Lower Upper

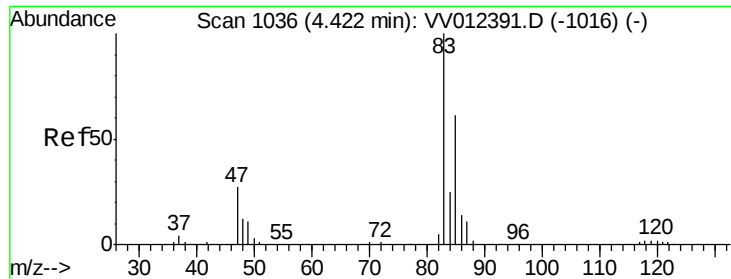
43 100

72 25.2 12.2 36.6



Abundance Ion 43.05 (42.75 to 43.75): VV0
Ion 72.10 (71.80 to 72.80): VV0

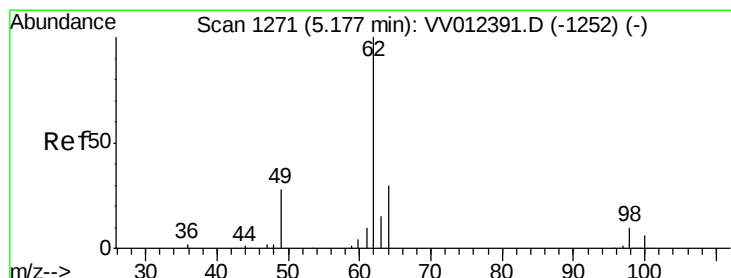
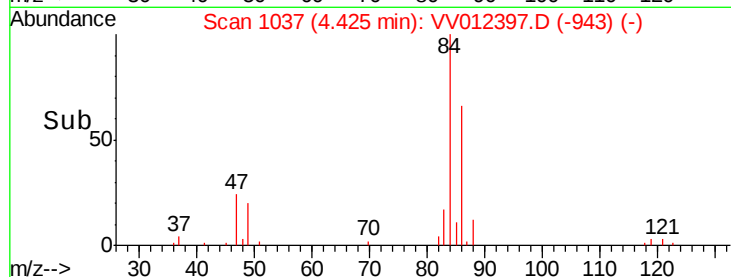
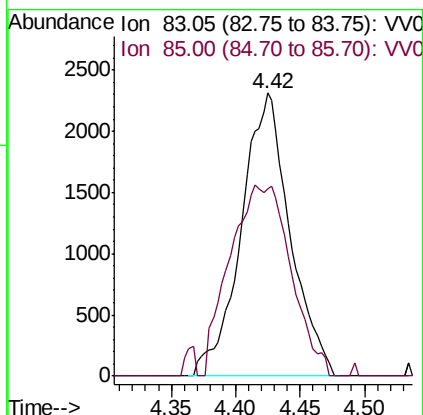
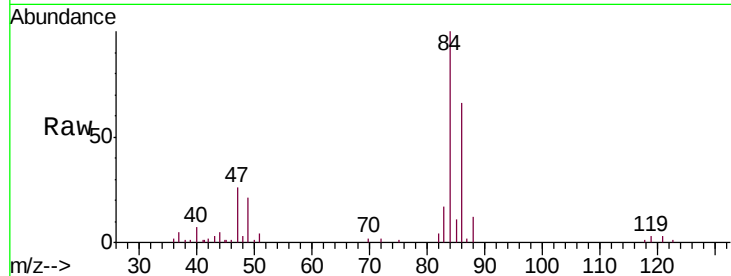




#25
Chloroform
Concen: 0.199 ug/L
RT: 4.42 min Scan# 1037
Delta R.T. 0.00 min
Lab File: VV012397.D
Acq: 26 Aug 2019 12:34

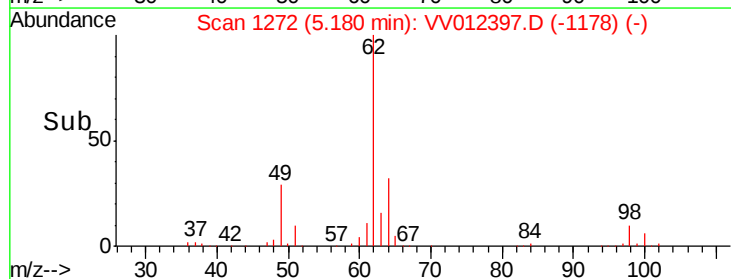
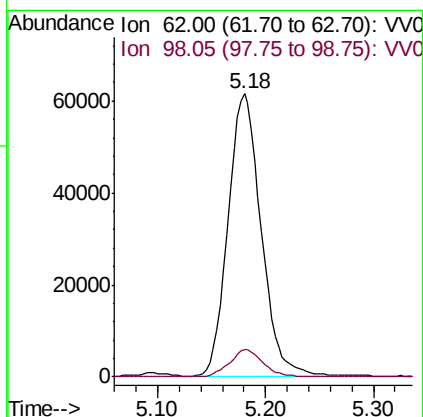
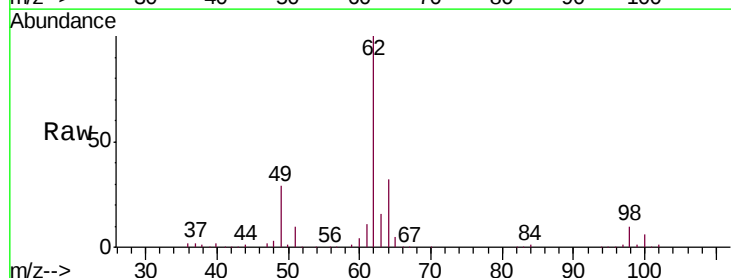
Instrument :
MSVOA_V
ClientSampled :
GANM2

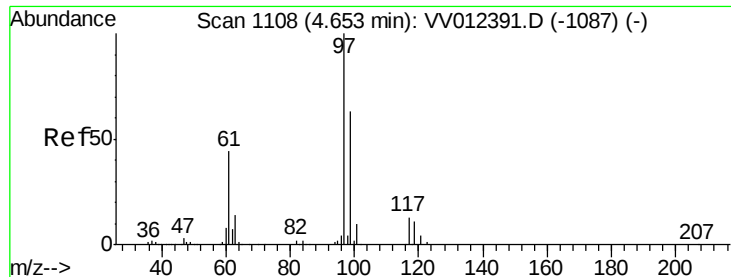
Tgt Ion: 83 Resp: 6111
Ion Ratio Lower Upper
83 100
85 66.3 44.6 82.8



#27
1,2-Dichloroethane
Concen: 8.106 ug/L
RT: 5.18 min Scan# 1272
Delta R.T. 0.00 min
Lab File: VV012397.D
Acq: 26 Aug 2019 12:34

Tgt Ion: 62 Resp: 131268
Ion Ratio Lower Upper
62 100
98 9.7 7.6 11.4

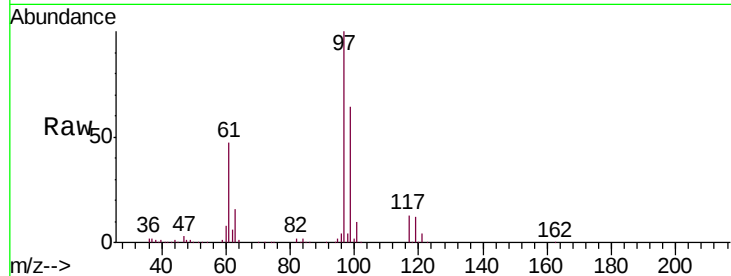




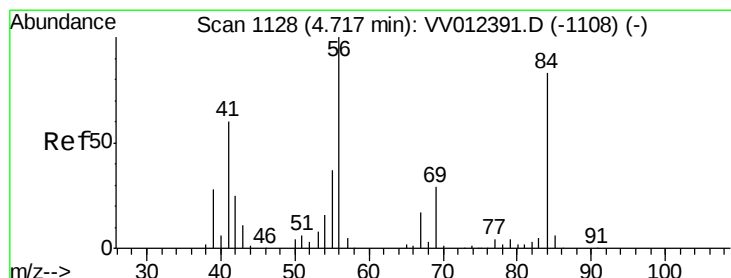
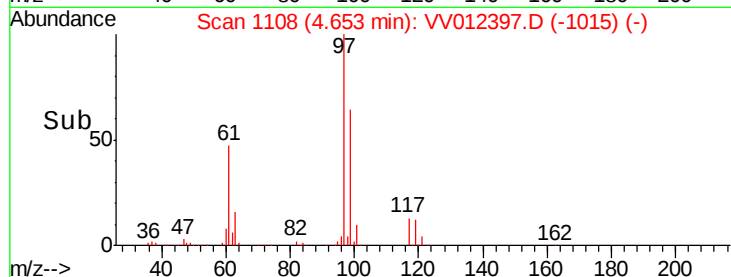
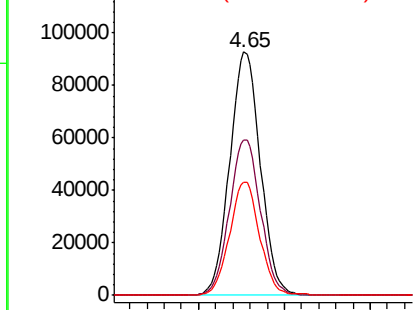
#29
 1,1,1-Trichloroethane
 Concen: 9.421 ug/L
 RT: 4.65 min Scan# 1108
 Delta R.T. -0.00 min
 Lab File: VV012397.D
 Acq: 26 Aug 2019 12:34

Instrument :
 MSVOA_V
 ClientSampleId :
 GANM2

Tgt Ion: 97 Resp: 229735
 Ion Ratio Lower Upper
 97 100
 99 64.8 50.5 75.7
 61 45.9 35.4 53.2

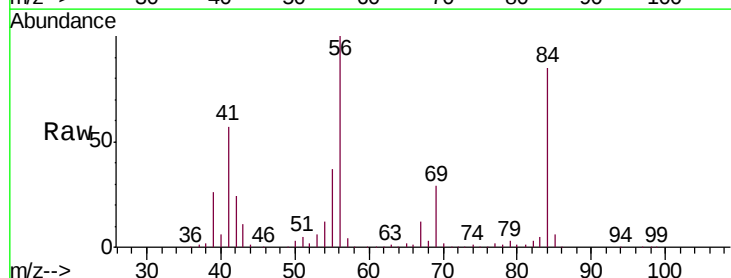


Abundance Ion 96.95 (96.65 to 97.65): VV0
 Ion 99.05 (98.75 to 99.75): VV0
 Ion 61.05 (60.75 to 61.75): VV0

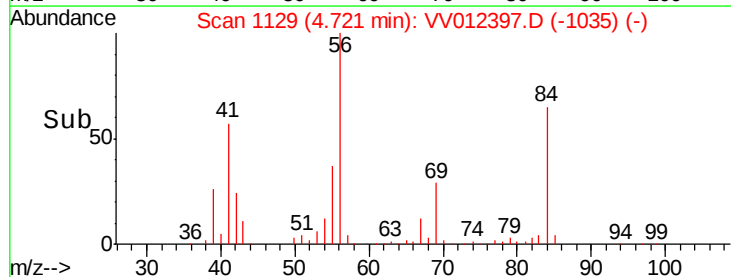
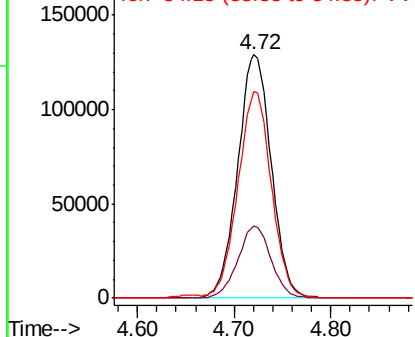


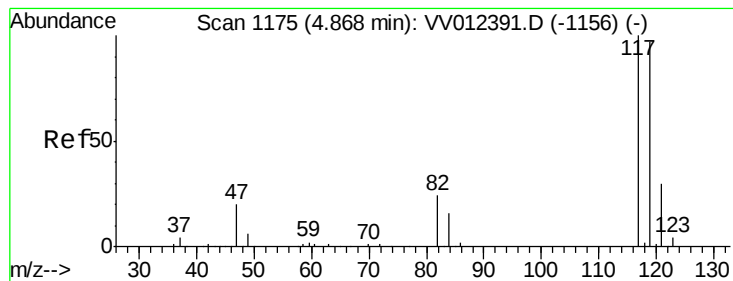
#30
 Cyclohexane
 Concen: 12.357 ug/L
 RT: 4.72 min Scan# 1129
 Delta R.T. 0.00 min
 Lab File: VV012397.D
 Acq: 26 Aug 2019 12:34

Tgt Ion: 56 Resp: 311315
 Ion Ratio Lower Upper
 56 100
 69 29.1 24.0 36.0
 84 84.8 67.9 101.9



Abundance Ion 56.10 (55.80 to 56.80): VV0
 Ion 69.15 (68.85 to 69.85): VV0
 Ion 84.15 (83.85 to 84.85): VV0





#31

Carbon tetrachloride

Concen: 1.418 ug/L

RT: 4.66 min Scan# 1109

Delta R.T. -0.21 min

Lab File: VV012397.D

Acq: 26 Aug 2019 12:34

Instrument :

MSVOA_V

ClientSampleId :

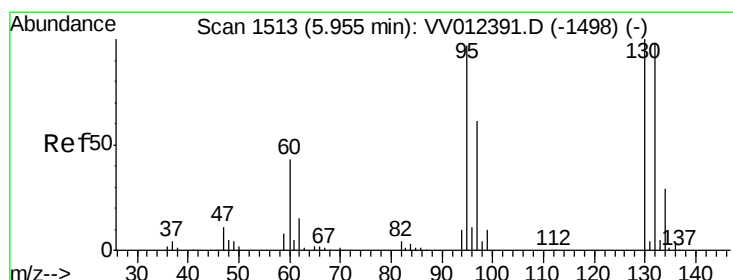
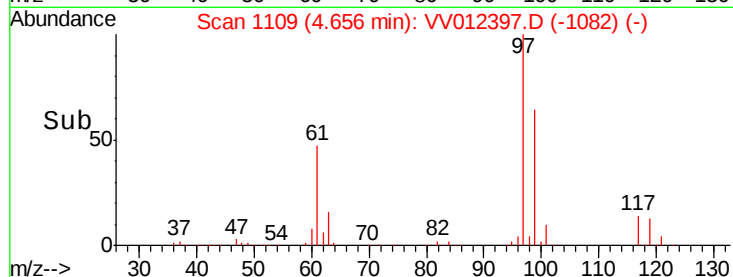
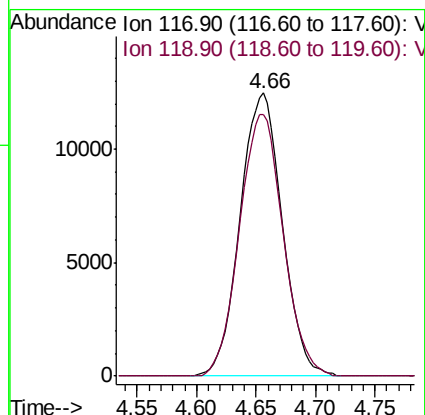
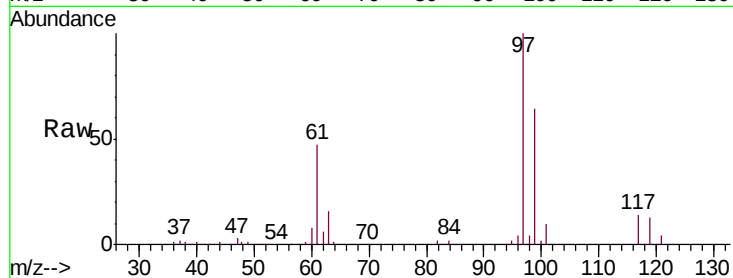
GANM2

Tgt Ion:117 Resp: 30583

Ion Ratio Lower Upper

117 100

119 95.7 77.8 116.8



#34

Trichloroethene

Concen: 5.232 ug/L

RT: 5.96 min Scan# 1514

Delta R.T. 0.00 min

Lab File: VV012397.D

Acq: 26 Aug 2019 12:34

Tgt Ion: 95 Resp: 87901

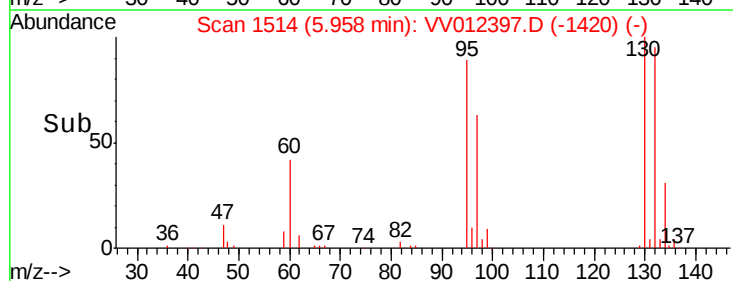
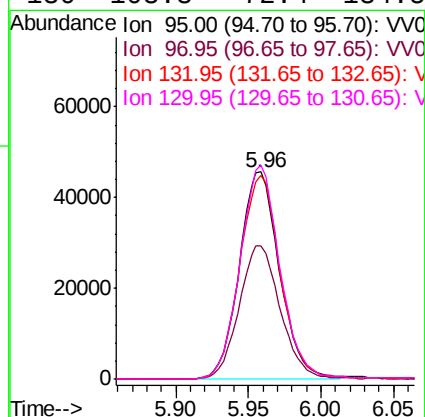
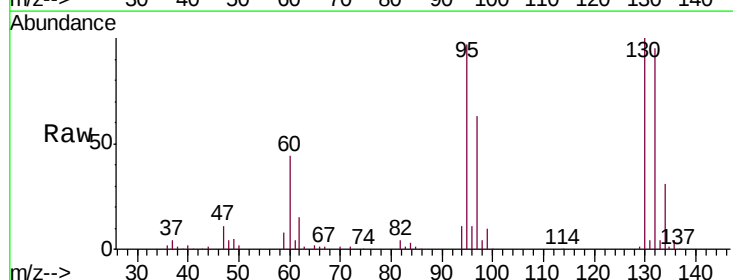
Ion Ratio Lower Upper

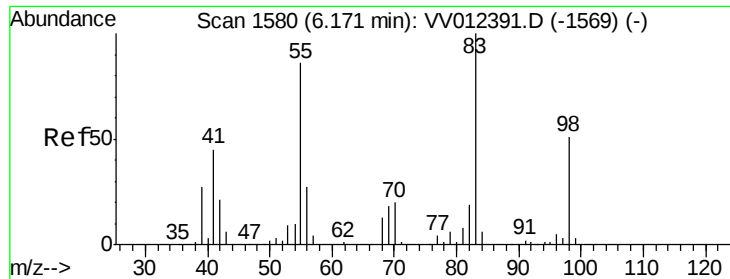
95 100

97 64.6 46.3 86.1

132 98.3 70.3 130.7

130 103.3 72.4 134.5

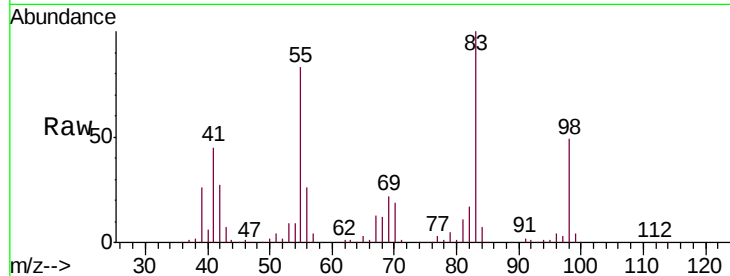




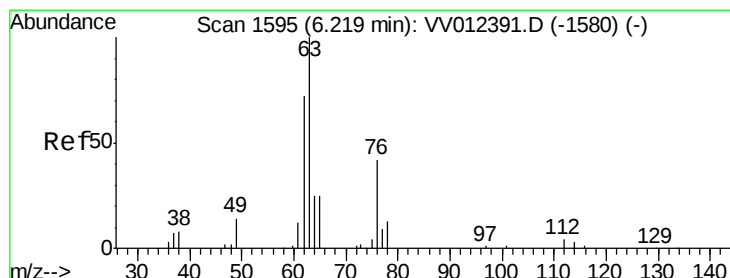
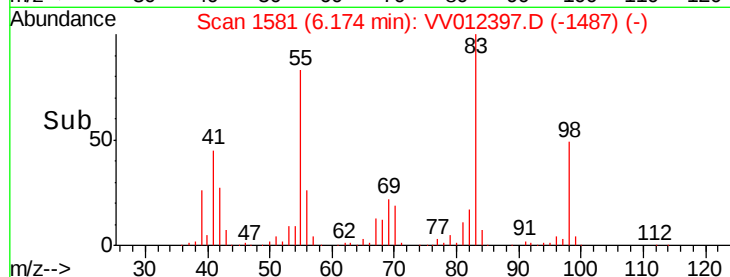
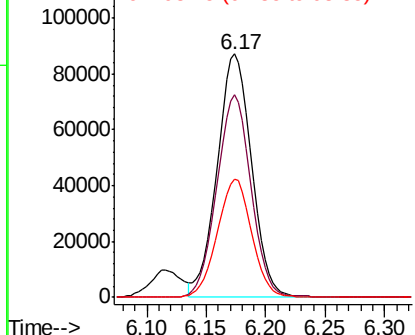
#35
Methylcyclohexane
Concen: 6.623 ug/L
RT: 6.17 min Scan# 1581
Delta R.T. 0.00 min
Lab File: VV012397.D
Acq: 26 Aug 2019 12:34

Instrument :
MSVOA_V
ClientSampleId :
GANM2

Tgt Ion: 83 Resp: 174765
Ion Ratio Lower Upper
83 100
55 82.5 64.6 97.0
98 48.6 39.0 58.4

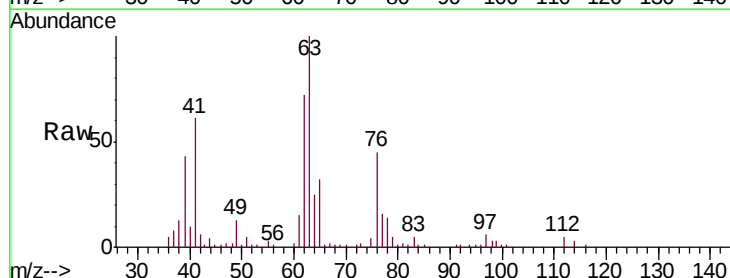


Abundance Ion 83.15 (82.85 to 83.85): VV0
Ion 55.10 (54.80 to 55.80): VV0
Ion 98.15 (97.85 to 98.85): VV0

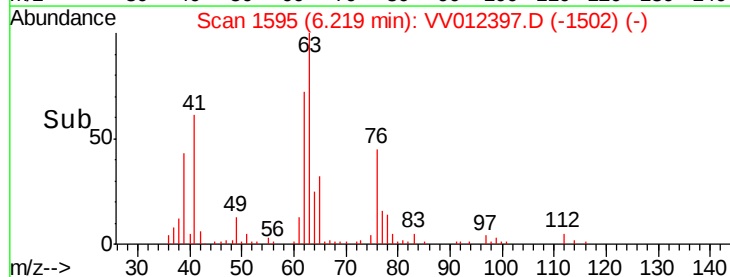
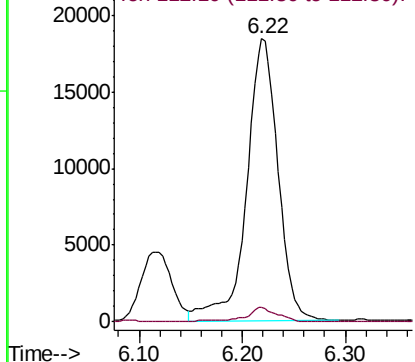


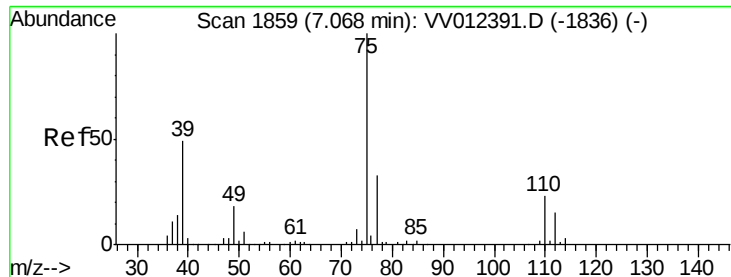
#37
1,2-Dichloropropane
Concen: 2.460 ug/L
RT: 6.22 min Scan# 1595
Delta R.T. -0.00 min
Lab File: VV012397.D
Acq: 26 Aug 2019 12:34

Tgt Ion: 63 Resp: 38797
Ion Ratio Lower Upper
63 100
112 4.8 4.2 6.2



Abundance Ion 63.10 (62.80 to 63.80): VV0
Ion 112.10 (111.80 to 112.80): V

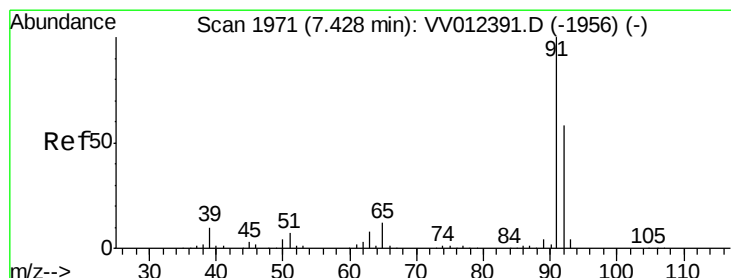
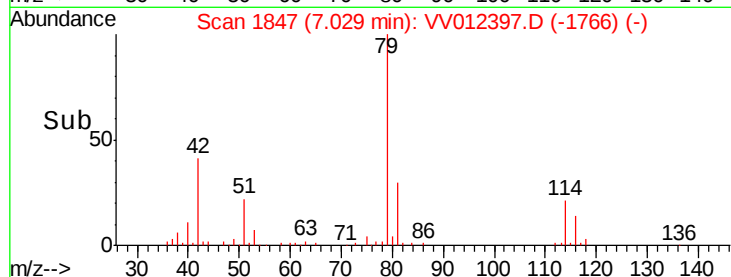
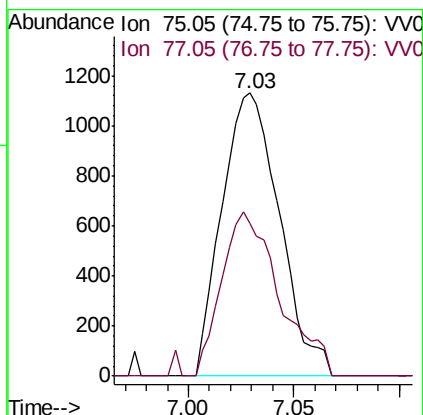
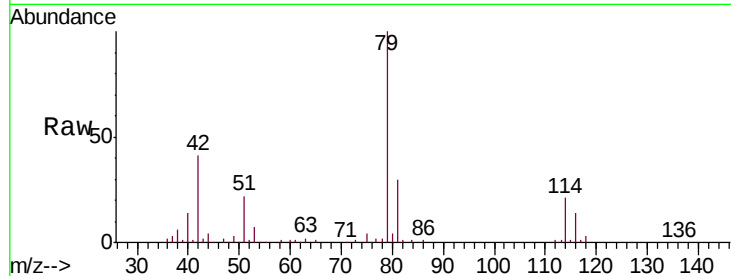




#39
 cis-1,3-Dichloropropene
 Concen: 0.101 ug/L
 RT: 7.03 min Scan# 1847
 Delta R.T. -0.04 min
 Lab File: VV012397.D
 Acq: 26 Aug 2019 12:34

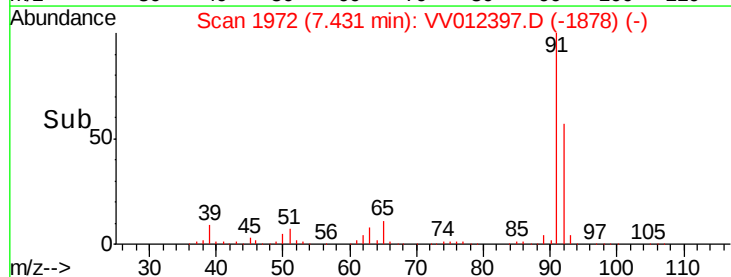
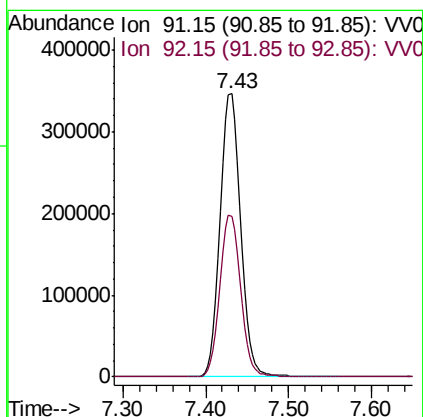
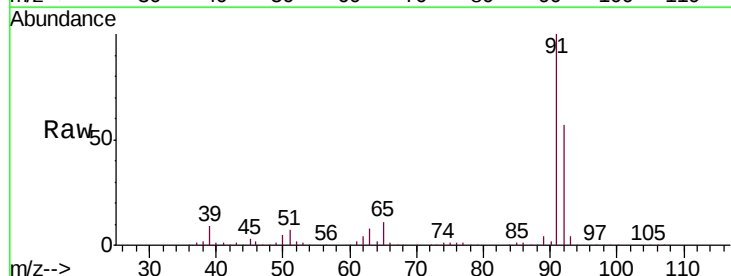
Instrument :
 MSVOA_V
 ClientSampleId :
 GANM2

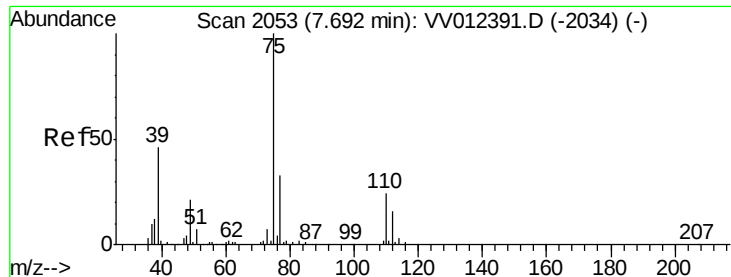
Tgt Ion: 75 Resp: 2144
 Ion Ratio Lower Upper
 75 100
 77 54.1 23.2 43.2#



#42
 Toluene
 Concen: 9.369 ug/L
 RT: 7.43 min Scan# 1972
 Delta R.T. 0.00 min
 Lab File: VV012397.D
 Acq: 26 Aug 2019 12:34

Tgt Ion: 91 Resp: 595636
 Ion Ratio Lower Upper
 91 100
 92 56.7 40.7 75.5





#44

trans-1,3-Dichloropropene

Concen: 0.091 ug/L

RT: 7.66 min Scan# 2044

Delta R.T. -0.03 min

Lab File: VV012397.D

Acq: 26 Aug 2019 12:34

Instrument :

MSVOA_V

ClientSampleId :

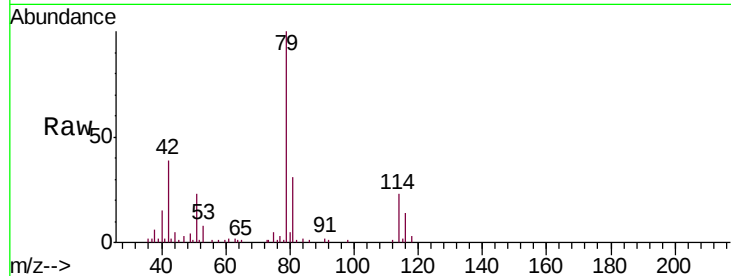
GANM2

Tgt Ion: 75 Resp: 1457

Ion Ratio Lower Upper

75 100

77 52.9 22.6 42.0#



Abundance Ion 75.05 (74.75 to 75.75): VV0

Ion 77.05 (76.75 to 77.75): VV0

7.66

800

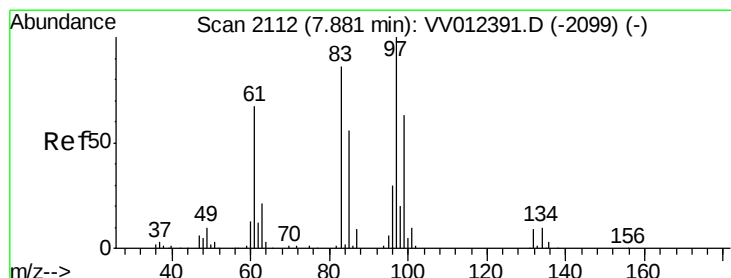
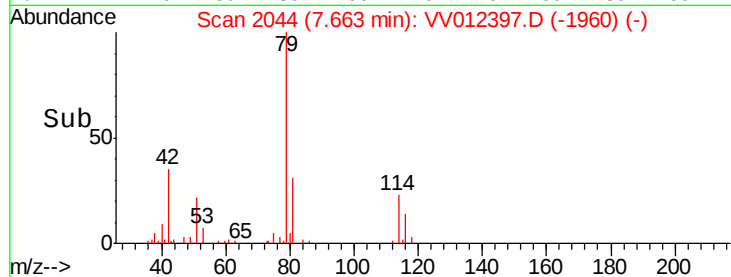
600

400

200

0

Time-->



#45

1,1,2-Trichloroethane

Concen: 0.116 ug/L

RT: 8.01 min Scan# 2153

Delta R.T. 0.13 min

Lab File: VV012397.D

Acq: 26 Aug 2019 12:34

Tgt Ion: 97 Resp: 1183

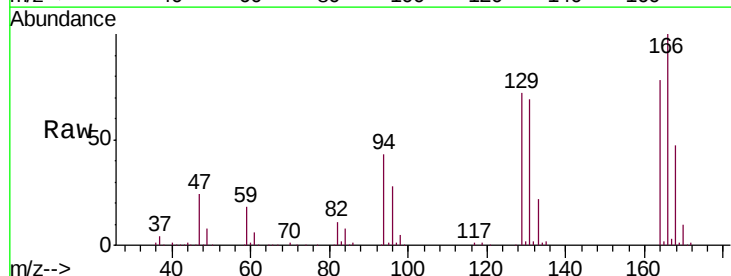
Ion Ratio Lower Upper

97 100

99 23.3 45.0 83.6#

83 227.5 59.3 110.1#

85 45.2 38.8 72.0



Abundance Ion 96.95 (96.65 to 97.65): VV0

Ion 99.05 (98.75 to 99.75): VV0

Ion 82.95 (82.65 to 83.65): VV0

Ion 85.00 (84.70 to 85.70): VV0

2500

2000

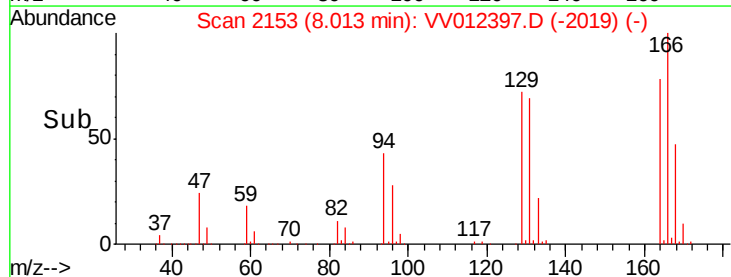
1500

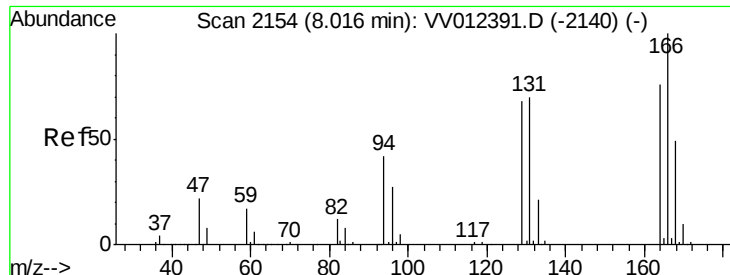
1000

500

0

Time-->

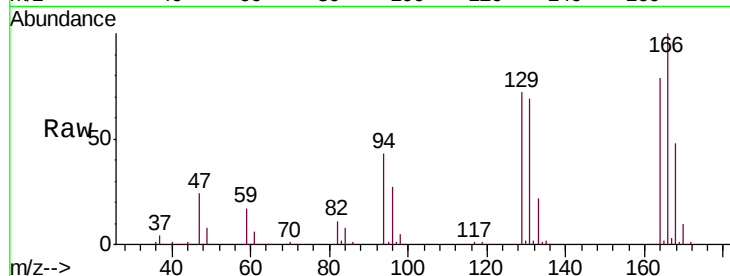




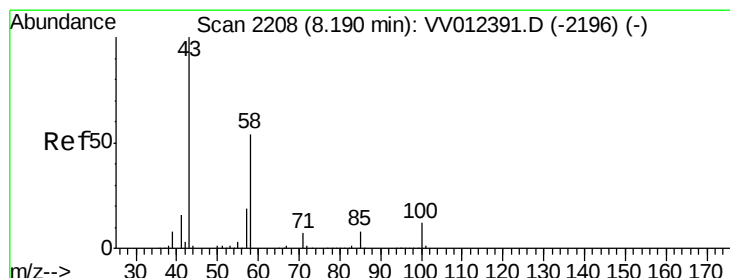
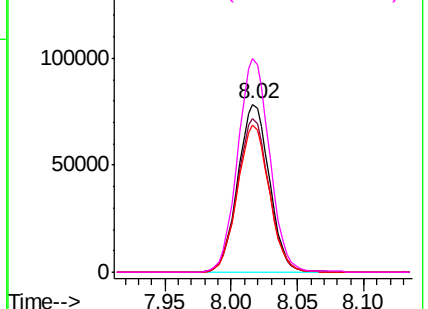
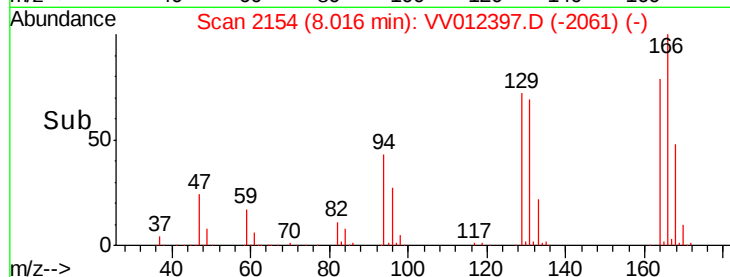
#47
Tetrachloroethene
Concen: 9.641 ug/L
RT: 8.02 min Scan# 2154
Delta R.T. -0.00 min
Lab File: VV012397.D
Acq: 26 Aug 2019 12:34

Instrument :
MSVOA_V
ClientSampleId :
GANM2

Tgt Ion:164 Resp: 130670
Ion Ratio Lower Upper
164 100
129 91.7 60.6 112.6
131 87.3 58.8 109.2
166 127.1 87.6 162.8

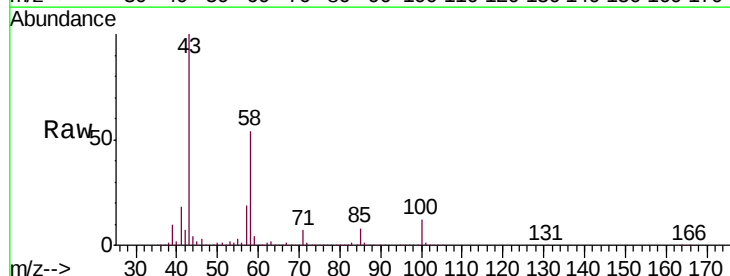


Abundance Ion 163.90 (163.60 to 164.60): V
Ion 128.95 (128.65 to 129.65): V
Ion 130.95 (130.65 to 131.65): V
Ion 165.90 (165.60 to 166.60): V

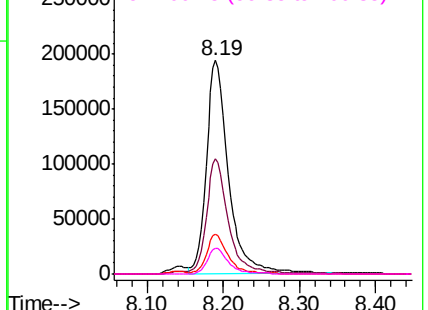
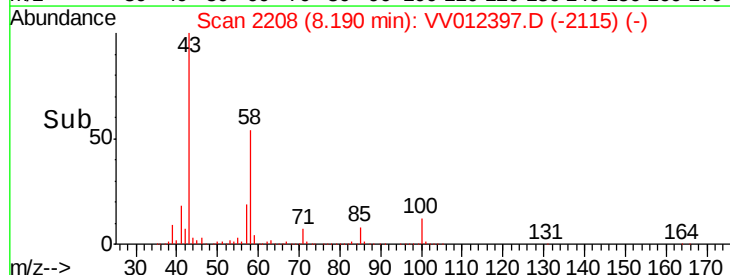


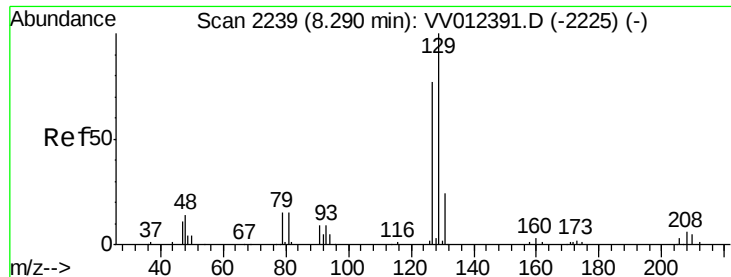
#48
2-Hexanone
Concen: 63.932 ug/L
RT: 8.19 min Scan# 2208
Delta R.T. -0.00 min
Lab File: VV012397.D
Acq: 26 Aug 2019 12:34

Tgt Ion: 43 Resp: 389741
Ion Ratio Lower Upper
43 100
58 51.9 46.3 69.5
57 17.8 14.9 22.3
100 11.5 9.7 14.5



Abundance Ion 43.05 (42.75 to 43.75): VV0
Ion 58.05 (57.75 to 58.75): VV0
Ion 57.20 (56.90 to 57.90): VV0
Ion 100.15 (99.85 to 100.85): VV0





#49

Dibromochloromethane

Concen: 9.189 ug/L

RT: 8.02 min Scan# 2154

Delta R.T. -0.27 min

Lab File: VV012397.D

Acq: 26 Aug 2019 12:34

Instrument :

MSVOA_V

ClientSampleId :

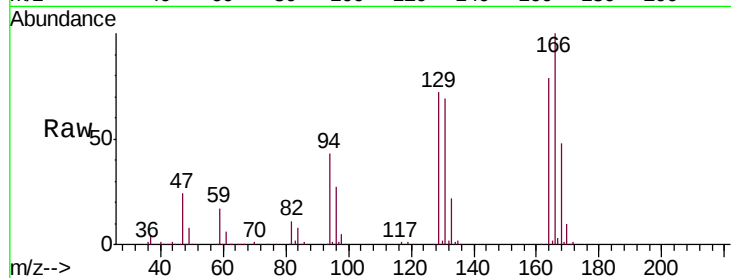
GANM2

Tgt Ion:129 Resp: 112522

Ion Ratio Lower Upper

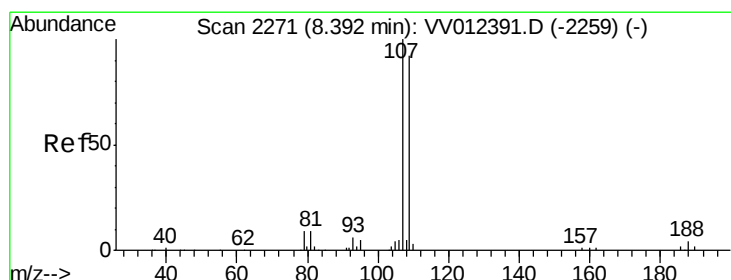
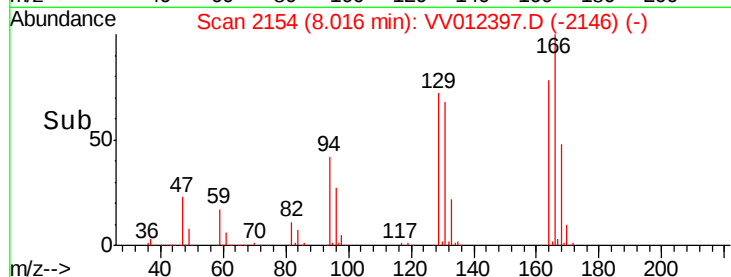
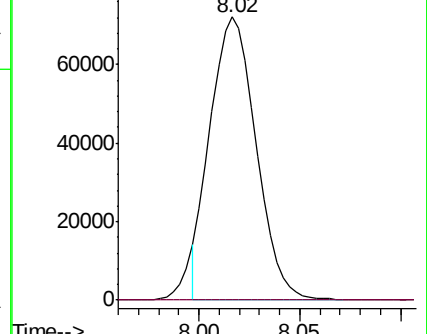
129 100

127 0.2 53.8 99.8#



Abundance Ion 128.95 (128.65 to 129.65): V

Ion 126.90 (126.60 to 127.60): V



#50

1,2-Dibromoethane

Concen: 17.107 ug/L

RT: 8.40 min Scan# 2272

Delta R.T. 0.00 min

Lab File: VV012397.D

Acq: 26 Aug 2019 12:34

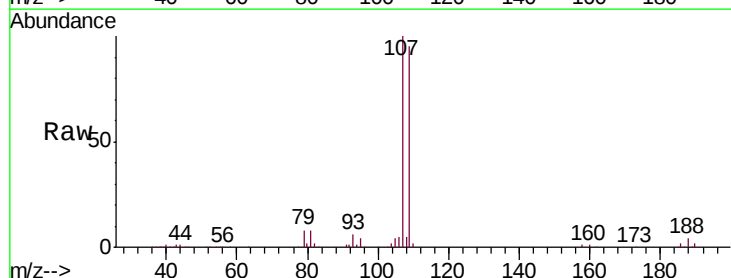
Tgt Ion:107 Resp: 165263

Ion Ratio Lower Upper

107 100

109 94.6 64.9 120.5

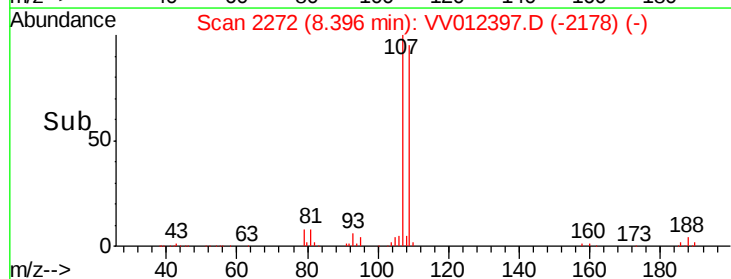
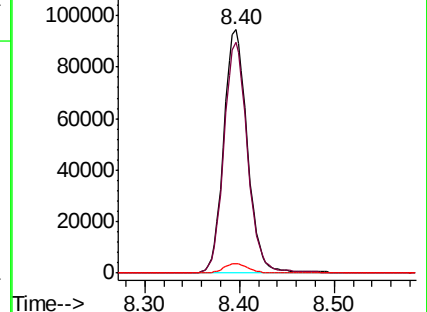
188 4.1 3.5 5.3

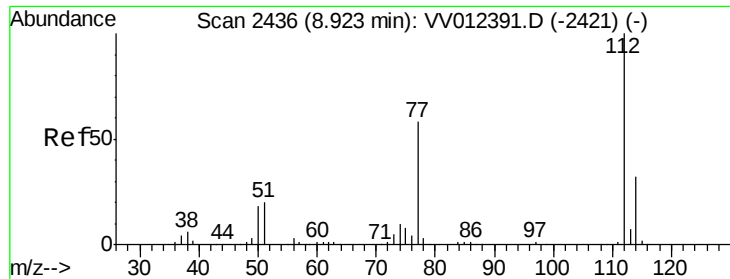


Abundance Ion 106.95 (106.65 to 107.65): V

Ion 109.00 (108.70 to 109.70): V

Ion 187.90 (187.60 to 188.60): V





#51

Chlorobenzene

Concen: 11.497 ug/L

RT: 8.92 min Scan# 2436

Delta R.T. -0.00 min

Lab File: VV012397.D

Acq: 26 Aug 2019 12:34

Instrument :

MSVOA_V

ClientSampleId :

GANM2

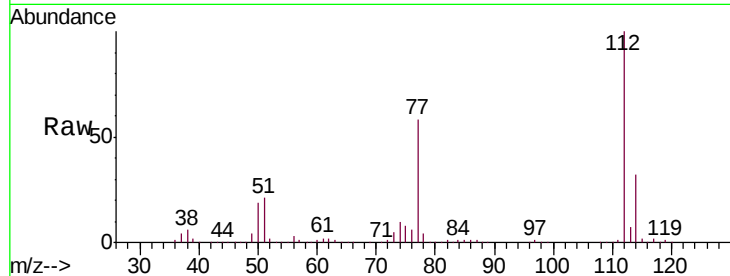
Tgt Ion: 112 Resp: 477574

Ion Ratio Lower Upper

112 100

114 31.6 23.0 42.6

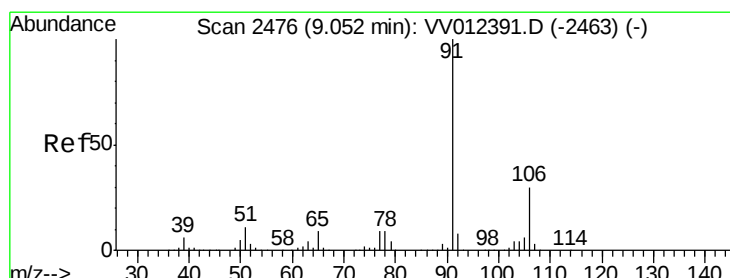
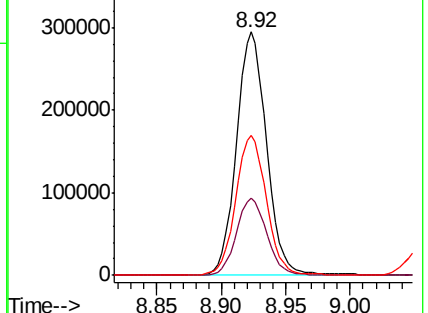
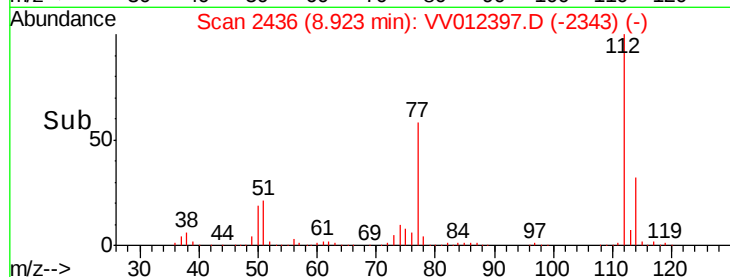
77 57.7 46.4 69.6



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: 7.183 ug/L

RT: 9.05 min Scan# 2477

Delta R.T. 0.00 min

Lab File: VV012397.D

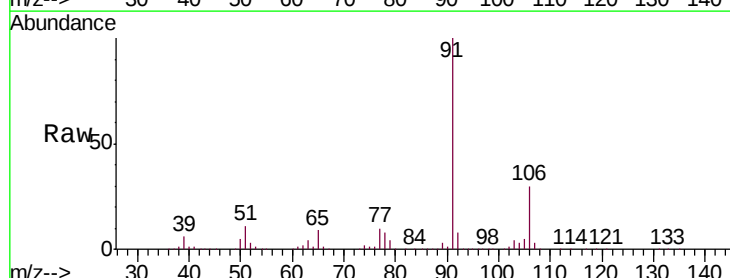
Acq: 26 Aug 2019 12:34

Tgt Ion: 91 Resp: 491584

Ion Ratio Lower Upper

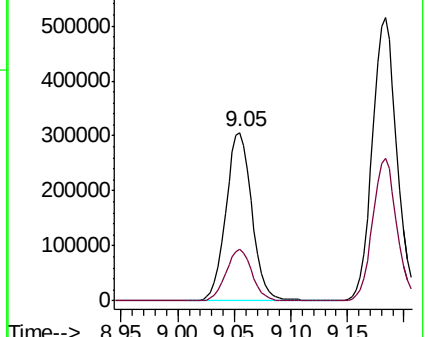
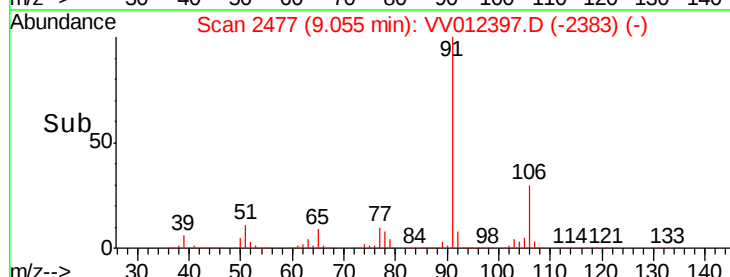
91 100

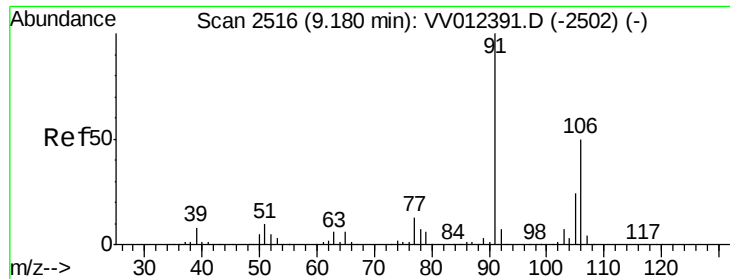
106 30.4 21.7 40.3



Abundance Ion 91.15 (90.85 to 91.85): V

Ion 106.15 (105.85 to 106.85): V





#53

m,p-xylene

Concen: 15.076 ug/L

RT: 9.18 min Scan# 2517

Delta R.T. 0.00 min

Lab File: VV012397.D

Acq: 26 Aug 2019 12:34

Instrument :

MSVOA_V

ClientSampleId :

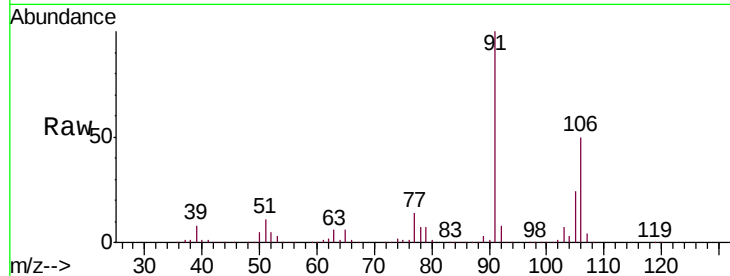
GANM2

Tgt Ion:106 Resp: 386785

Ion Ratio Lower Upper

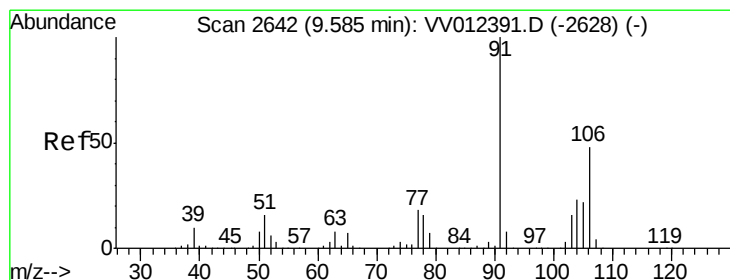
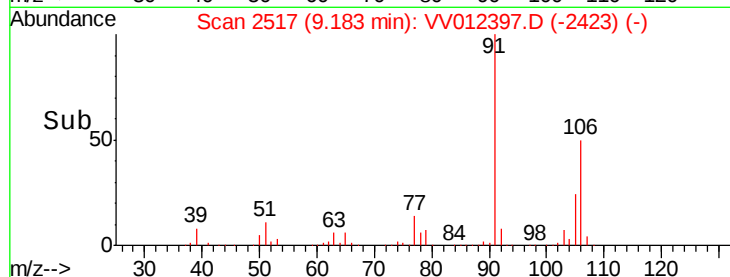
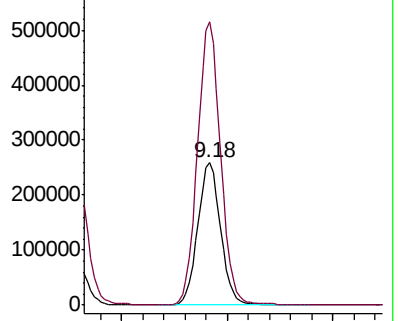
106 100

91 198.8 140.8 261.4



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VV0



#54

o-xylene

Concen: 6.118 ug/L

RT: 9.59 min Scan# 2642

Delta R.T. -0.00 min

Lab File: VV012397.D

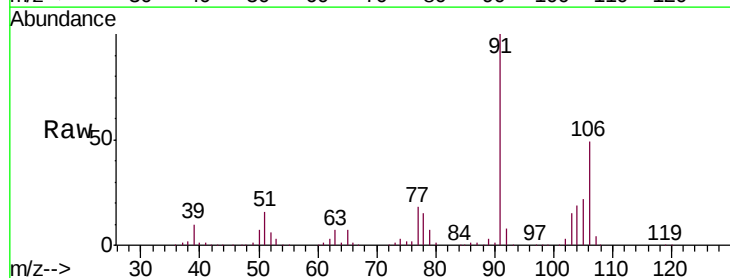
Acq: 26 Aug 2019 12:34

Tgt Ion:106 Resp: 149367

Ion Ratio Lower Upper

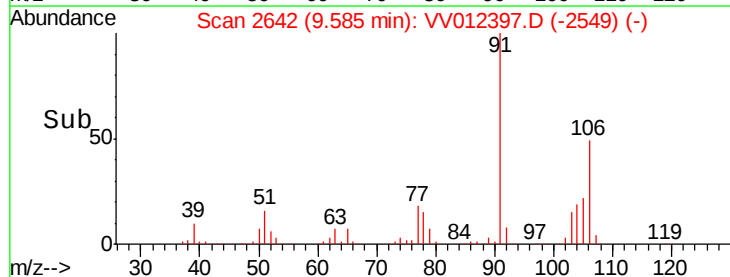
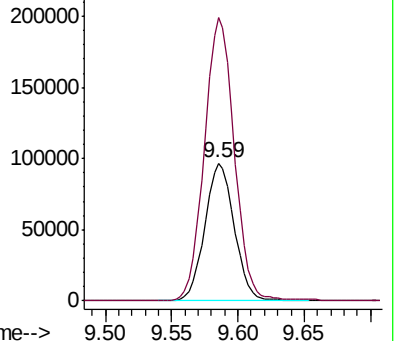
106 100

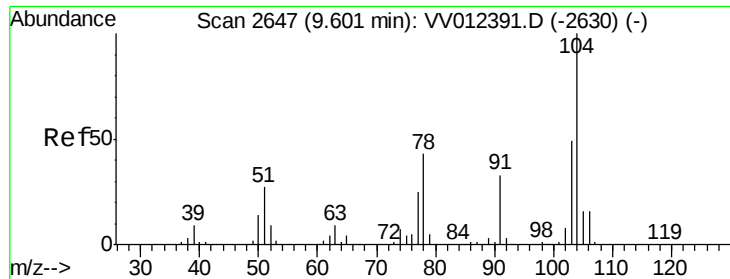
91 205.4 149.5 277.7



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VV0

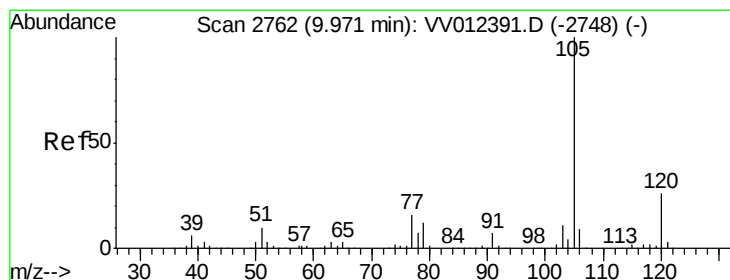
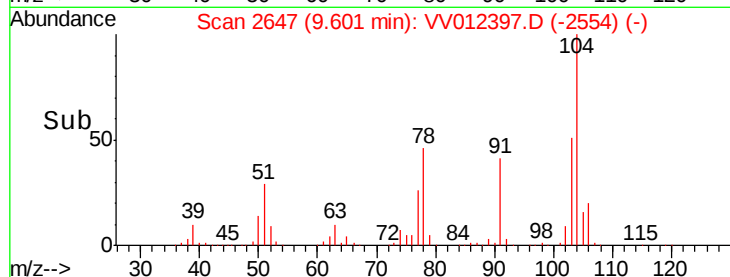
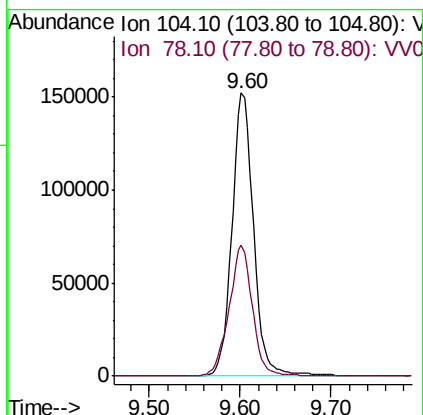
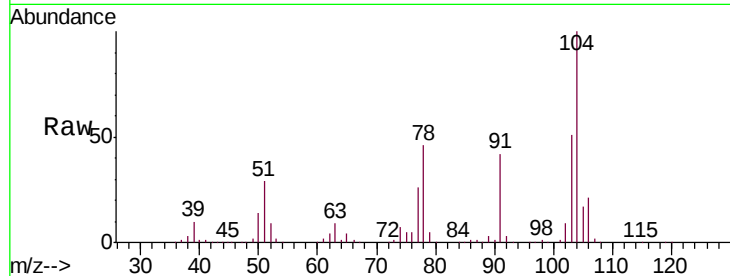




#55
Styrene
Concen: 6.148 ug/L
RT: 9.60 min Scan# 2647
Delta R.T. -0.00 min
Lab File: VV012397.D
Acq: 26 Aug 2019 12:34

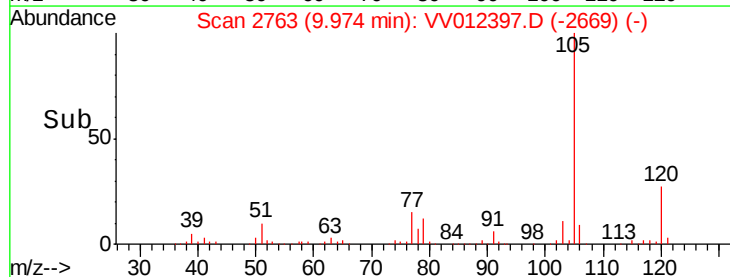
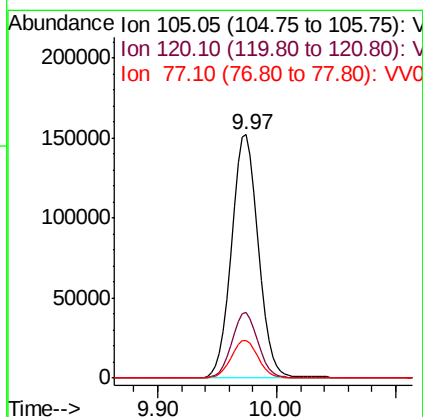
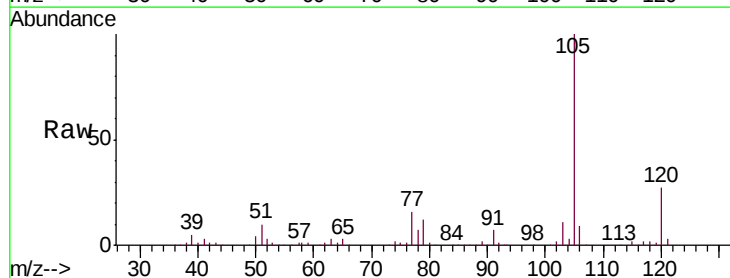
Instrument :
MSVOA_V
ClientSampleId :
GANM2

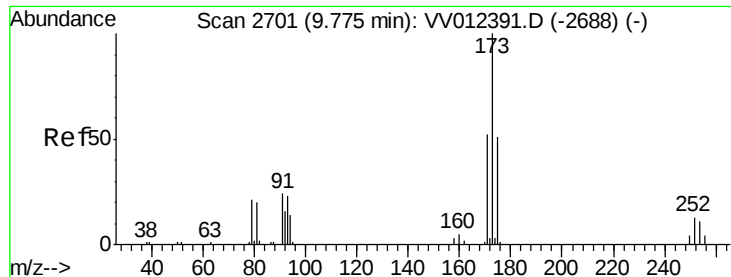
Tgt Ion:104 Resp: 251111
Ion Ratio Lower Upper
104 100
78 46.2 29.8 55.3



#56
Isopropylbenzene
Concen: 3.644 ug/L
RT: 9.97 min Scan# 2763
Delta R.T. 0.00 min
Lab File: VV012397.D
Acq: 26 Aug 2019 12:34

Tgt Ion:105 Resp: 238084
Ion Ratio Lower Upper
105 100
120 26.5 21.5 32.3
77 15.8 12.5 18.7





#61

Bromoform

Concen: 5.899 ug/L

RT: 9.77 min Scan# 2701

Delta R.T. -0.00 min

Lab File: VV012397.D

Acq: 26 Aug 2019 12:34

Instrument :
MSVOA_V
ClientSampleId :
GANM2

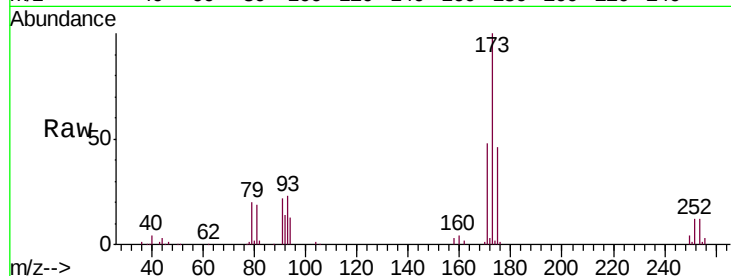
Tgt Ion:173 Resp: 37265

Ion Ratio Lower Upper

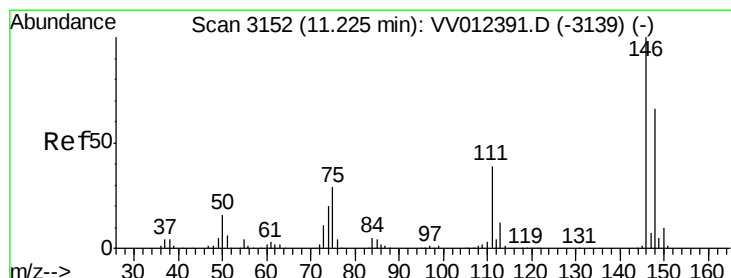
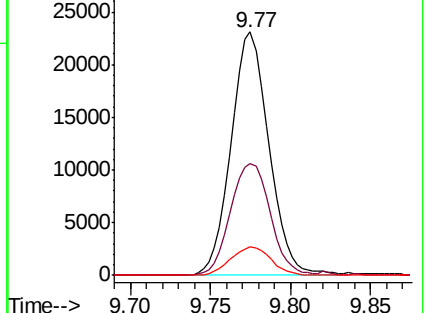
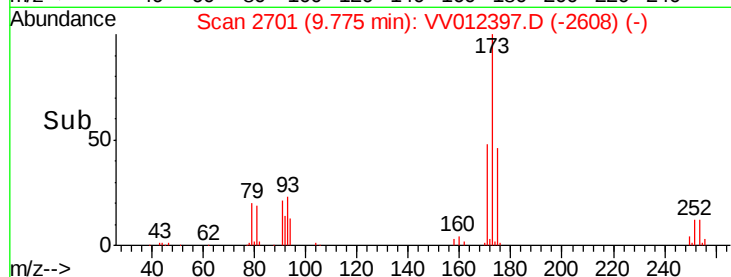
173 100

175 48.3 40.7 61.1

254 12.3 9.5 14.3



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: 4.601 ug/L

RT: 11.32 min Scan# 3180

Delta R.T. 0.09 min

Lab File: VV012397.D

Acq: 26 Aug 2019 12:34

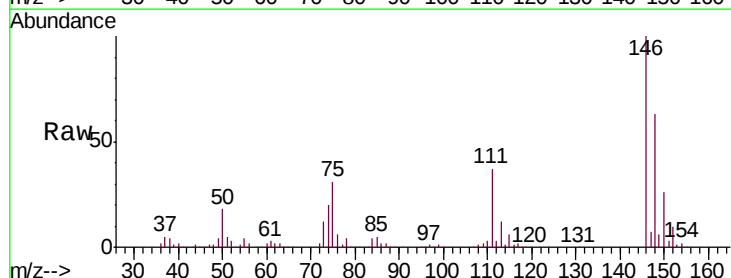
Tgt Ion:146 Resp: 137600

Ion Ratio Lower Upper

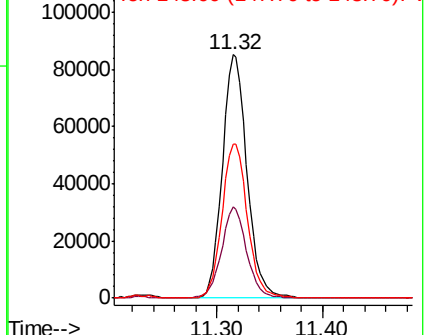
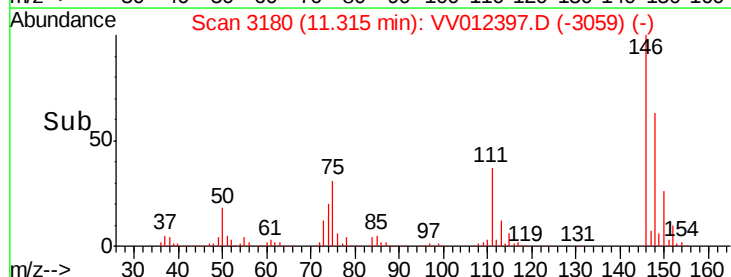
146 100

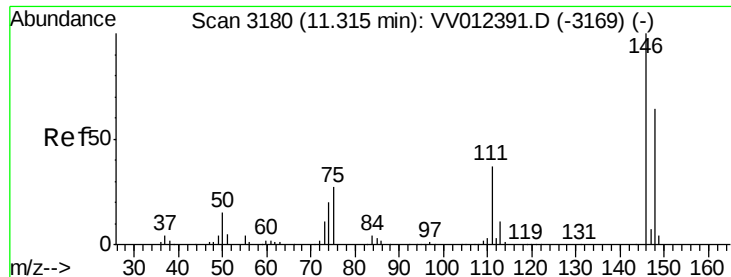
111 37.5 27.0 50.2

148 63.5 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: 4.594 ug/L

RT: 11.32 min Scan# 3180

Delta R.T. -0.00 min

Lab File: VV012397.D

Acq: 26 Aug 2019 12:34

Instrument :

MSVOA_V

ClientSampled :

GANM2

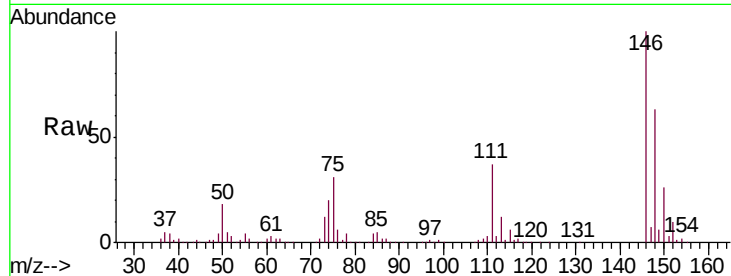
Tgt Ion:146 Resp: 137600

Ion Ratio Lower Upper

146 100

111 37.5 25.7 47.7

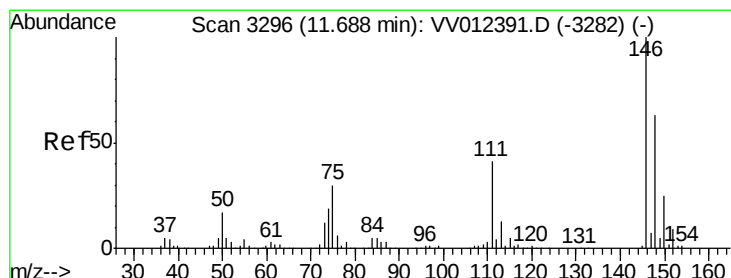
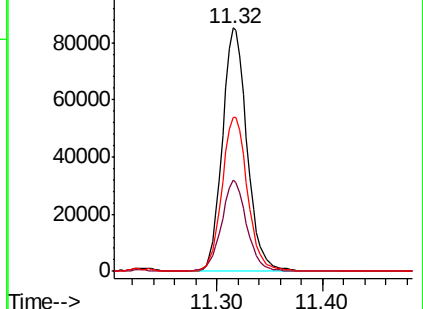
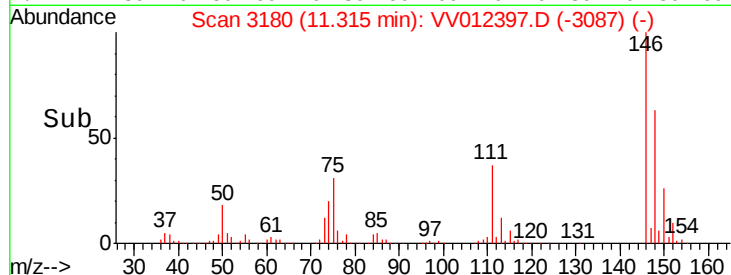
148 63.5 45.0 83.6



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



#65

1,2-Dichlorobenzene

Concen: 14.151 ug/L

RT: 11.69 min Scan# 3296

Delta R.T. -0.00 min

Lab File: VV012397.D

Acq: 26 Aug 2019 12:34

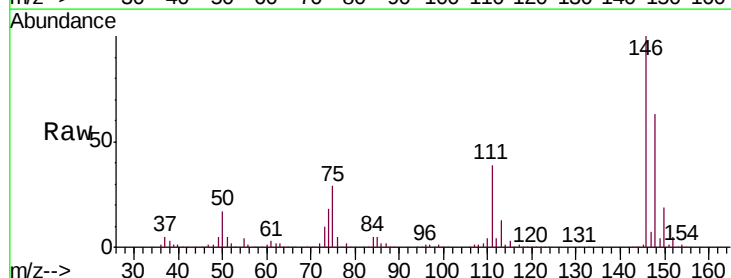
Tgt Ion:146 Resp: 389156

Ion Ratio Lower Upper

146 100

111 39.4 31.9 47.9

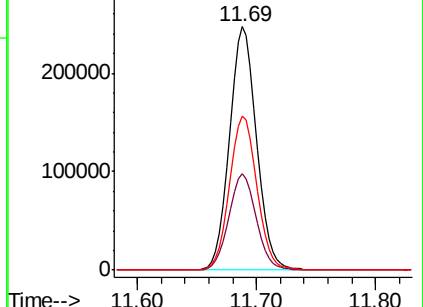
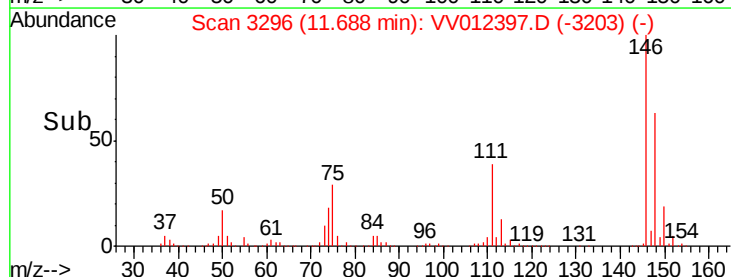
148 63.1 50.2 75.4

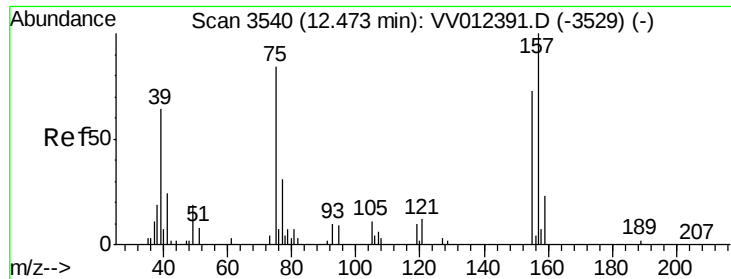


Abundance Ion 145.95 (145.65 to 146.65): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V

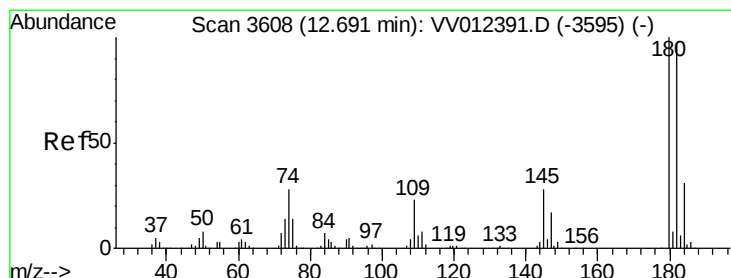
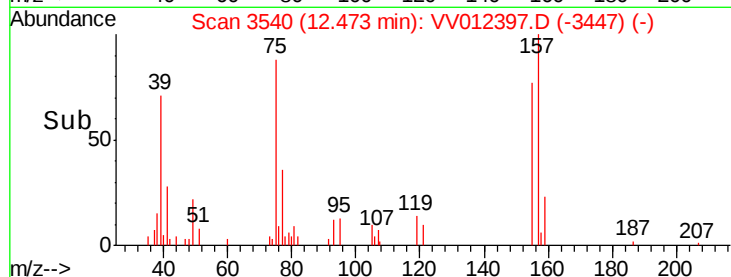
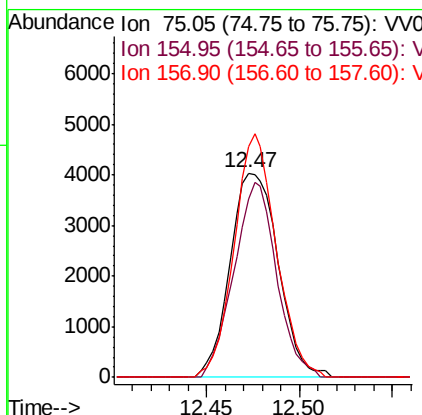
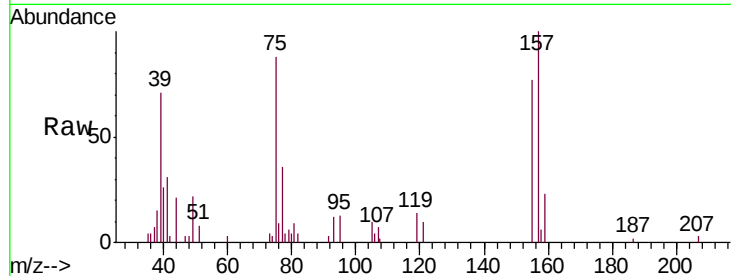




#66
 1,2-Dibromo-3-chloropropane
 Concen: 4.605 ug/L
 RT: 12.47 min Scan# 3540
 Delta R.T. -0.00 min
 Lab File: VV012397.D
 Acq: 26 Aug 2019 12:34

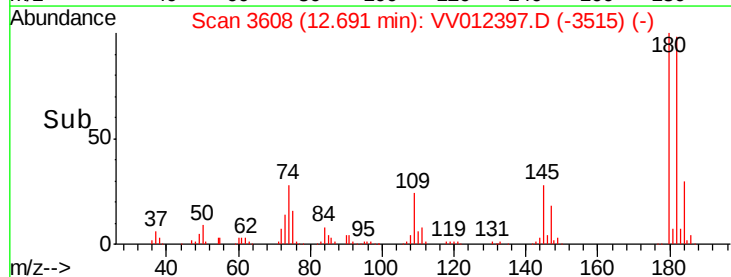
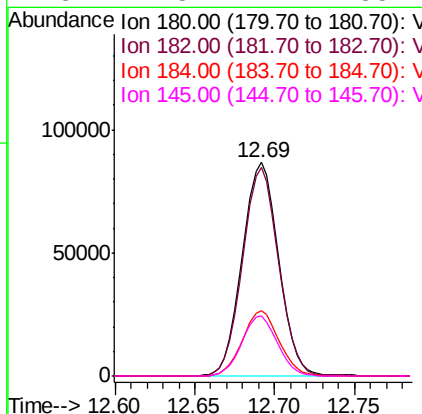
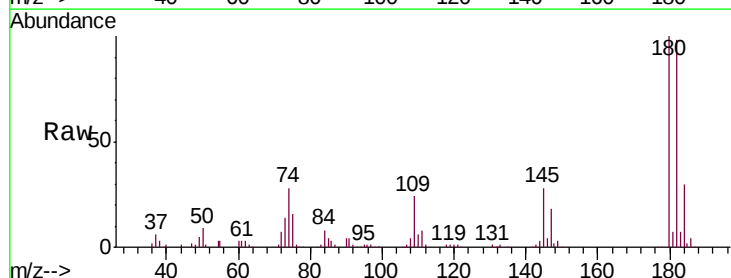
Instrument :
 MSVOA_V
 ClientSampleId :
 GANM2

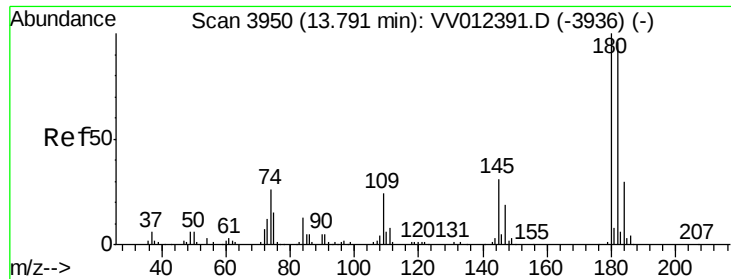
Tgt Ion: 75 Resp: 7261
 Ion Ratio Lower Upper
 75 100
 155 87.6 72.6 109.0
 157 113.3 80.5 120.7



#67
 1,3,5-Trichlorobenzene
 Concen: 5.860 ug/L
 RT: 12.69 min Scan# 3608
 Delta R.T. -0.00 min
 Lab File: VV012397.D
 Acq: 26 Aug 2019 12:34

Tgt Ion: 180 Resp: 134182
 Ion Ratio Lower Upper
 180 100
 182 96.7 76.4 114.6
 184 30.7 23.9 35.9
 145 27.8 22.1 33.1





#70
 1,2,3-Trichlorobenzene
 Concen: 11.540 ug/L
 RT: 13.79 min Scan# 3950
 Delta R.T. -0.00 min
 Lab File: VV012397.D
 Acq: 26 Aug 2019 12:34

Instrument :
 MSVOA_V
 ClientSampleId :
 GANM2

Tgt Ion:	180	Resp:	172502
Ion	Ratio	Lower	Upper
180	100		
182	94.8	75.1	112.7
145	30.0	23.4	35.2

