

Data File : VV012402.D
Acq On : 26 Aug 2019 14:55
Operator : SY/MD
Sample : K4501-07
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
GANM2

Quant Time: Aug 27 02:24:26 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	249283	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	243670	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	108003	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	49384	3.96	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	79.20%
7) Chloroethane-d5	1.58	69	36893	4.01	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	80.20%
11) 1,1-Dichloroethene-d2	2.13	63	88949	4.02	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	80.40%
20) 2-Butanone-d5	3.97	46	154491	46.01	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	92.02%
24) Chloroform-d	4.40	84	122341	4.27	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.40%
26) 1,2-Dichloroethane-d4	5.08	65	61905	4.47	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.40%
32) Benzene-d6	5.10	84	258059	4.35	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.00%
36) 1,2-Dichloropropane-d6	6.12	67	78157	4.35	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	87.00%
41) Toluene-d8	7.36	98	206627	3.89	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	77.80%
43) trans-1,3-Dichloropropene-	7.66	79	27478	4.03	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.60%
46) 2-Hexanone-d5	8.14	63	92504	43.76	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	87.52%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	49346	4.14	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	82.80%
64) 1,2-Dichlorobenzene-d4	11.67	152	80454	4.47	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.40%

Target Compounds

					Qvalue
3) Chloromethane	1.25	50	54754	3.343 ug/L	97
6) Bromomethane	1.54	94	26527	3.660 ug/L	95
9) Trichlorofluoromethane	1.77	101	161354	7.634 ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	1121	0.102 ug/L #	34
12) 1,1-Dichloroethene	2.14	96	36529	3.653 ug/L	93
13) Acetone	2.23	43	116612	80.278 ug/L	94
14) Carbon disulfide	2.32	76	154241	4.909 ug/L	99
15) Methyl Acetate	2.23	43	112337	30.722 ug/L #	48
16) Methylene chloride	2.53	84	25749	2.311 ug/L	97
17) Methyl tert-butyl Ether	2.81	73	282407	9.372 ug/L	98
19) 1,1-Dichloroethane	3.23	63	265225	9.593 ug/L	97
21) 2-Butanone	4.05	43	425916	124.837 ug/L	100
25) Chloroform	4.43	83	6485	0.210 ug/L	95
27) 1,2-Dichloroethane	5.18	62	129927	7.982 ug/L	98
29) 1,1,1-Trichloroethane	4.65	97	221813	9.111 ug/L	99
30) Cyclohexane	4.72	56	294917	11.727 ug/L	99
31) Carbon tetrachloride	4.66	117	28310	1.315 ug/L	98

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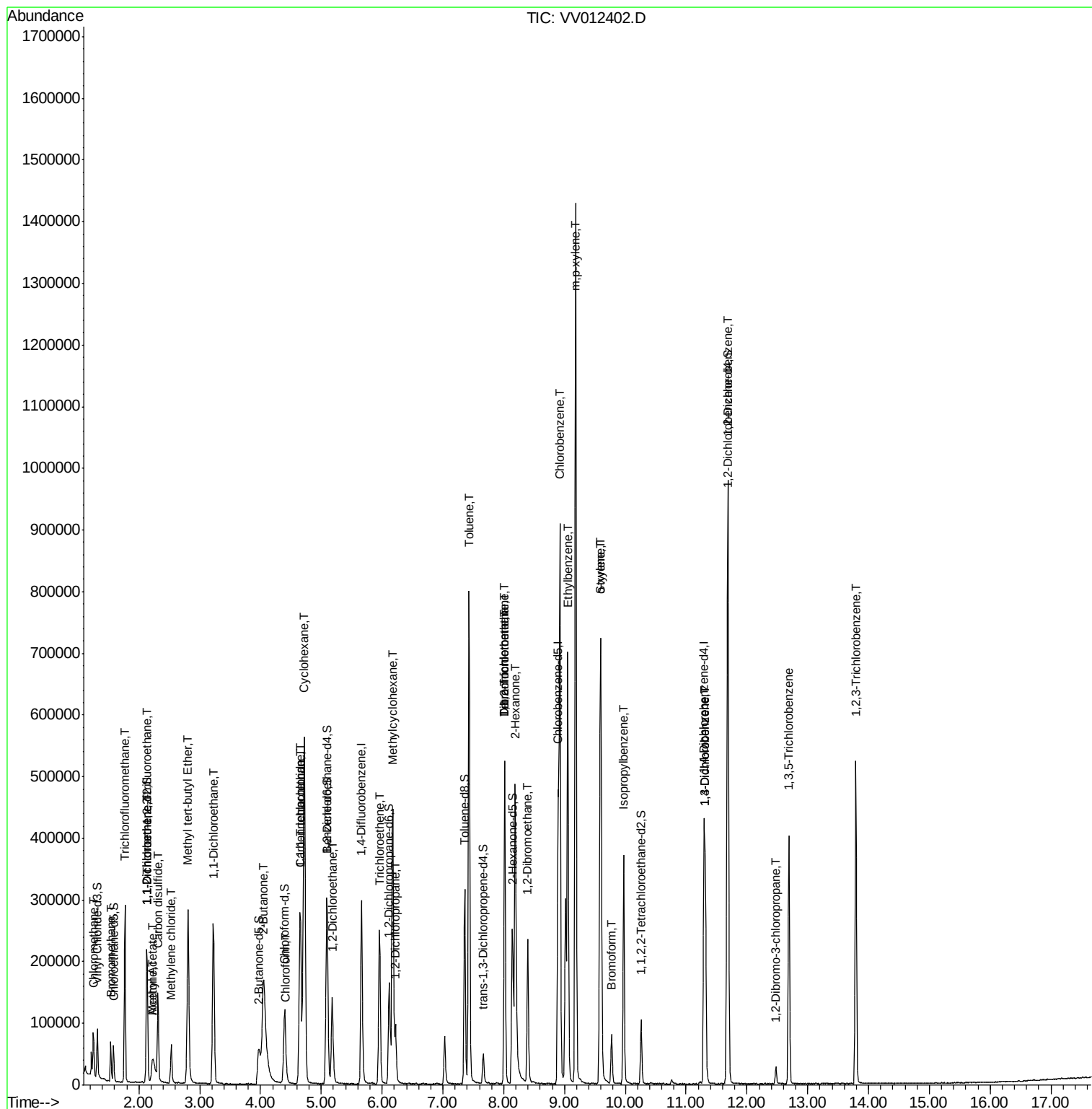
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
34) Trichloroethene	5.96	95	84373	5.031	ug/L	97
35) Methylcyclohexane	6.17	83	167168	6.346	ug/L	100
37) 1,2-Dichloropropane	6.22	63	34618	2.199	ug/L	99
42) Toluene	7.43	91	563067	8.872	ug/L	98
45) 1,1,2-Trichloroethane	8.01	97	958	0.094	ug/L #	1
47) Tetrachloroethene	8.02	164	119657	8.843	ug/L	98
48) 2-Hexanone	8.19	43	358896	58.974	ug/L	97
49) Dibromochloromethane	8.02	129	103782	8.490	ug/L #	11
50) 1,2-Dibromoethane	8.40	107	156636	16.242	ug/L	100
51) Chlorobenzene	8.92	112	457487	11.033	ug/L	99
52) Ethylbenzene	9.05	91	475091	6.954	ug/L	100
53) m,p-xylene	9.18	106	374441	14.620	ug/L	100
54) o-xylene	9.59	106	141792	5.818	ug/L	98
55) Styrene	9.60	104	241072	5.912	ug/L	97
56) Isopropylbenzene	9.97	105	224857	3.447	ug/L	98
61) Bromoform	9.77	173	36037	5.816	ug/L	97
62) 1,3-Dichlorobenzene	11.32	146	132525	4.518	ug/L	98
63) 1,4-Dichlorobenzene	11.32	146	132525	4.511	ug/L	99
65) 1,2-Dichlorobenzene	11.69	146	368870	13.675	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.48	75	6946	4.492	ug/L	91
67) 1,3,5-Trichlorobenzene	12.69	180	128214	5.709	ug/L	99
70) 1,2,3-Trichlorobenzene	13.79	180	162300	11.070	ug/L	97

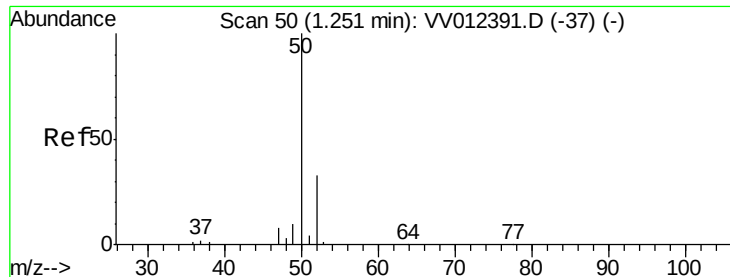
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 3.343 ug/L

RT: 1.25 min Scan# 50

Delta R.T. -0.00 min

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Instrument :

MSVOA_V

ClientSampleId :

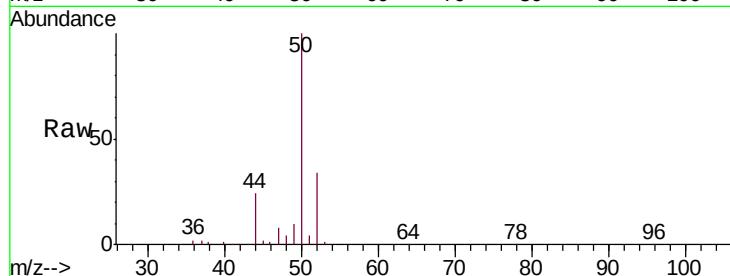
GANM2

Tgt Ion: 50 Resp: 54754

Ion Ratio Lower Upper

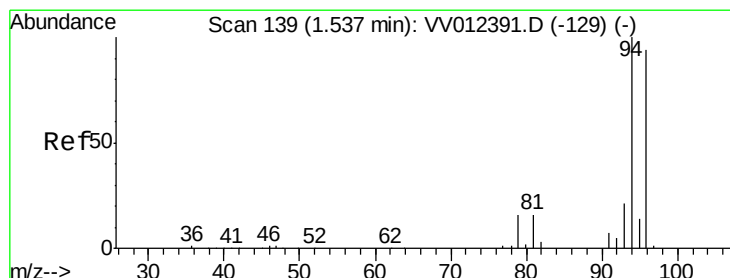
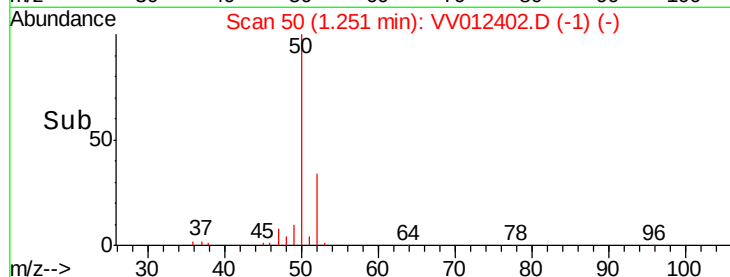
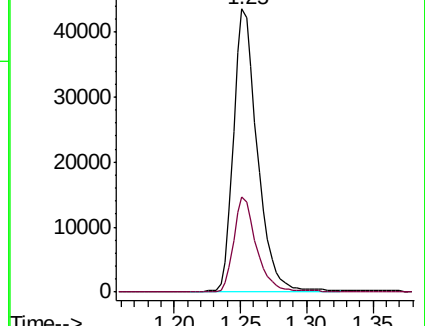
50 100

52 33.6 22.2 41.2



Abundance Ion 50.05 (49.75 to 50.75): VV012391.D (-37) (-)

Ion 52.05 (51.75 to 52.75): VV012391.D (-37) (-)



#6

Bromomethane

Concen: 3.660 ug/L

RT: 1.54 min Scan# 139

Delta R.T. -0.00 min

Lab File: VV012402.D

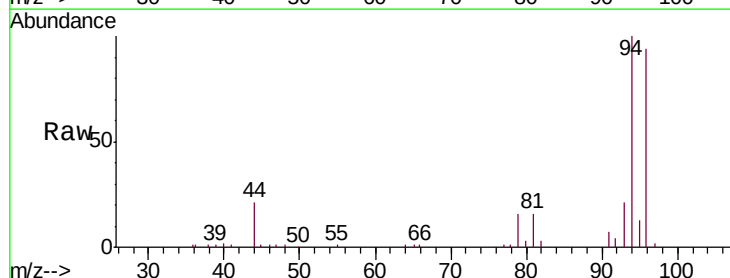
Acq: 26 Aug 2019 14:55

Tgt Ion: 94 Resp: 26527

Ion Ratio Lower Upper

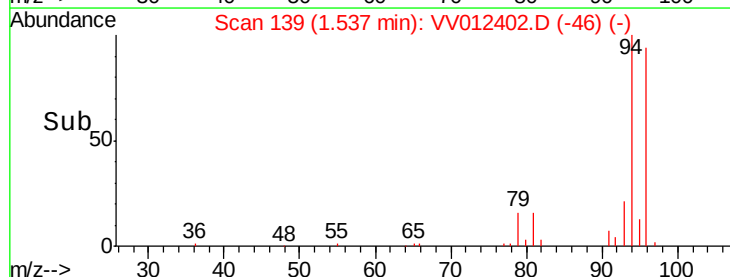
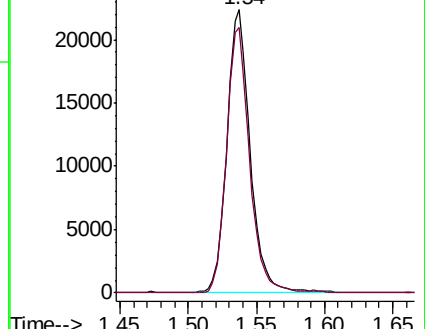
94 100

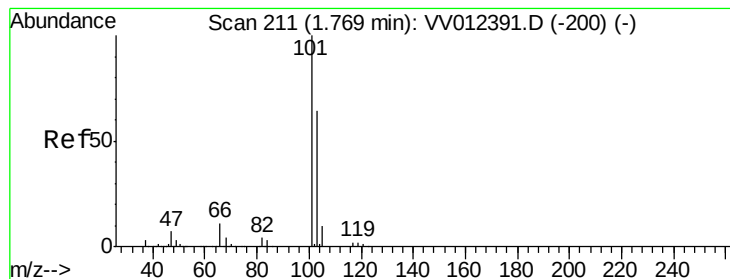
96 94.0 69.2 128.6



Abundance Ion 94.00 (93.70 to 94.70): VV012391.D (-129) (-)

Ion 96.00 (95.70 to 96.70): VV012391.D (-129) (-)



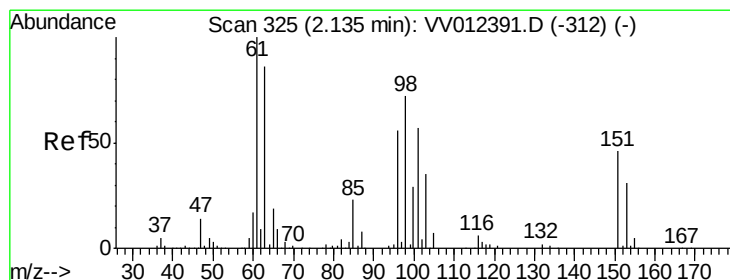
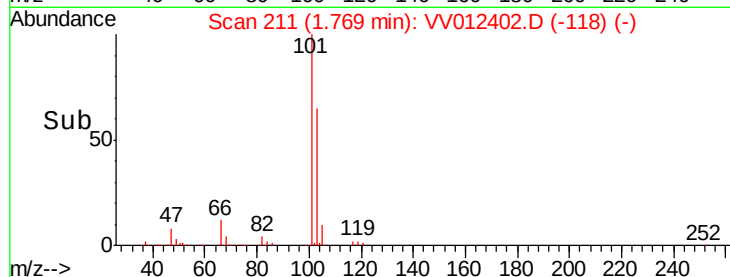
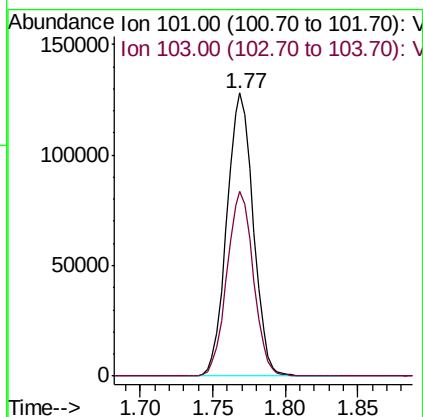
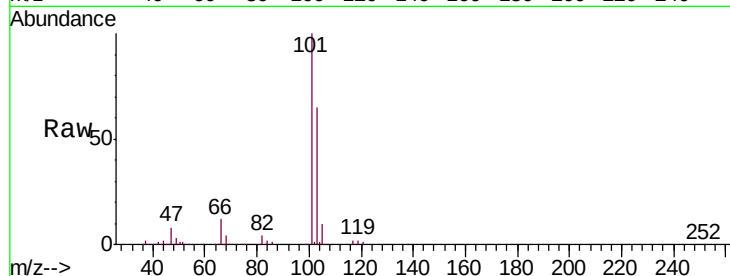


#9

Trichlorofluoromethane
 Concen: 7.634 ug/L
 RT: 1.77 min Scan# 211
 Delta R.T. -0.00 min
 Lab File: VV012402.D
 Acq: 26 Aug 2019 14:55

Instrument :
 MSVOA_V
 ClientSampleId :
 GANM2

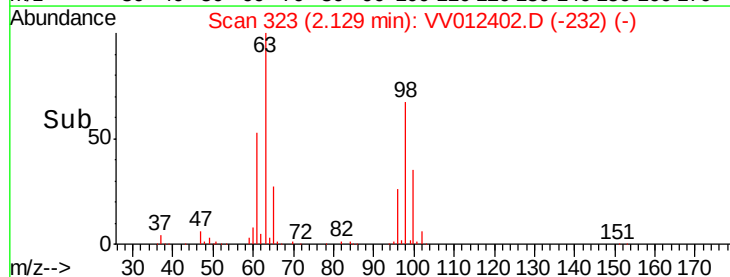
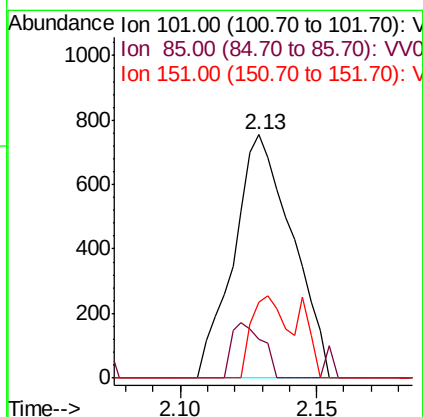
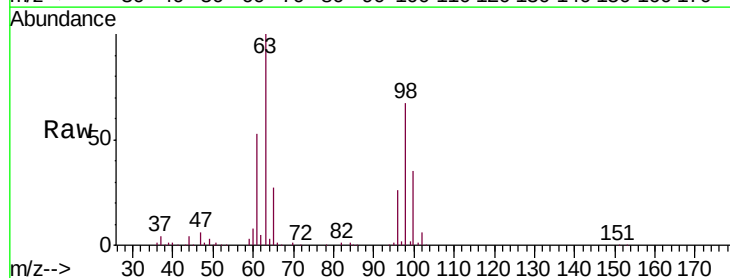
Tgt Ion:101 Resp: 161354
 Ion Ratio Lower Upper
 101 100
 103 65.6 51.2 76.8

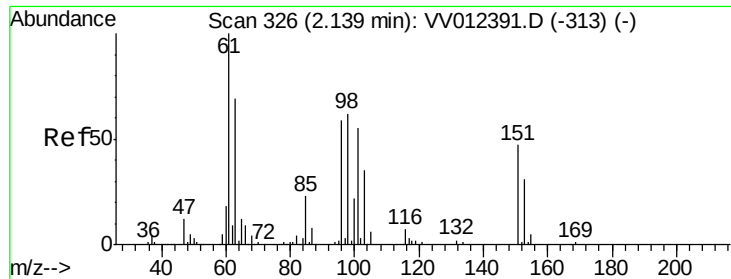


#10

1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.102 ug/L
 RT: 2.13 min Scan# 323
 Delta R.T. -0.01 min
 Lab File: VV012402.D
 Acq: 26 Aug 2019 14:55

Tgt Ion:101 Resp: 1121
 Ion Ratio Lower Upper
 101 100
 85 12.0 34.6 51.8#
 151 19.9 71.2 106.8#

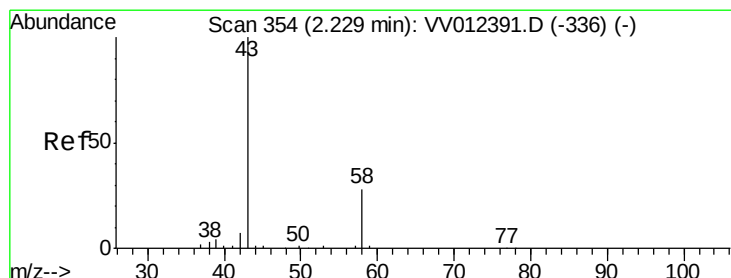
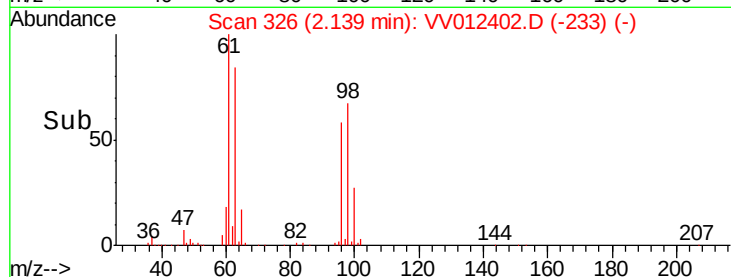
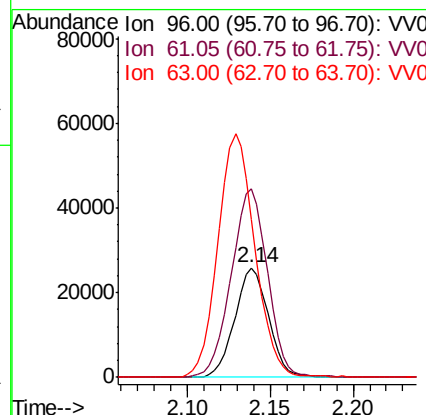
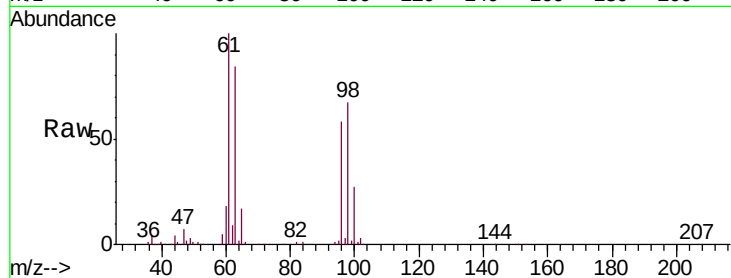




#12
 1,1-Dichloroethene
 Concen: 3.653 ug/L
 RT: 2.14 min Scan# 326
 Delta R.T. -0.00 min
 Lab File: VV012402.D
 Acq: 26 Aug 2019 14:55

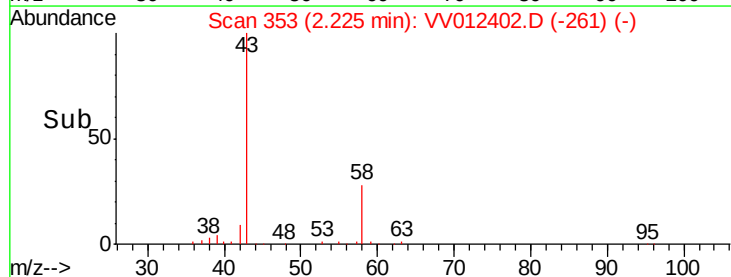
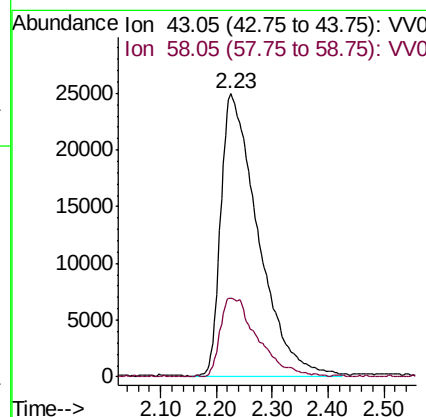
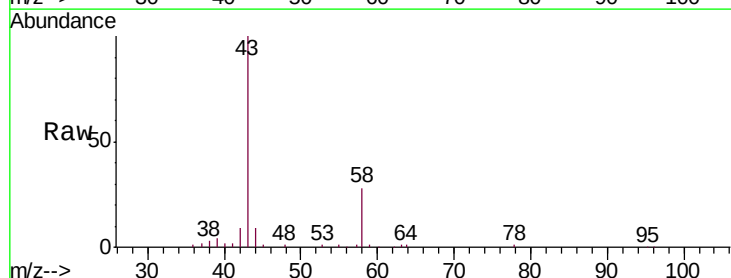
Instrument :
 MSVOA_V
 ClientSampleID :
 GANM2

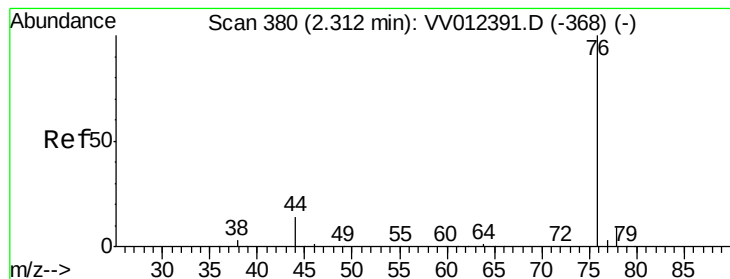
Tgt Ion: 96 Resp: 36529
 Ion Ratio Lower Upper
 96 100
 61 171.7 122.3 227.1
 63 144.0 90.6 168.2



#13
 Acetone
 Concen: 80.278 ug/L
 RT: 2.23 min Scan# 353
 Delta R.T. -0.00 min
 Lab File: VV012402.D
 Acq: 26 Aug 2019 14:55

Tgt Ion: 43 Resp: 116612
 Ion Ratio Lower Upper
 43 100
 58 27.8 0.0 62.8





#14

Carbon disulfide

Concen: 4.909 ug/L

RT: 2.32 min Scan# 381

Delta R.T. 0.00 min

Lab File: VV012402.D

Acq: 26 Aug 2019 14:55

Instrument :

MSVOA_V

ClientSampleId :

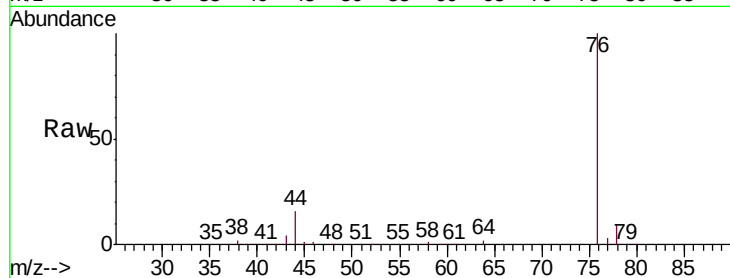
GANM2

Tgt Ion: 76 Resp: 154241

Ion Ratio Lower Upper

76 100

78 9.4 7.3 10.9



Abundance Ion 76.05 (75.75 to 76.75): VV0

Ion 78.00 (77.70 to 78.70): VV0

2.32

120000

100000

80000

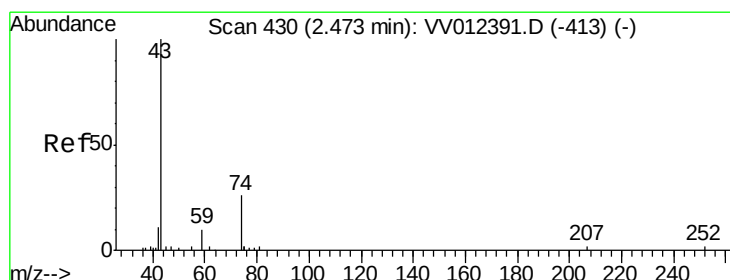
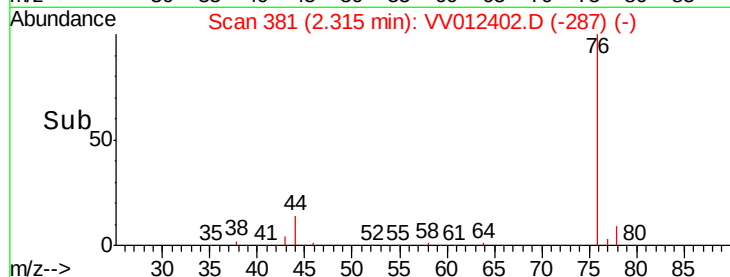
60000

40000

20000

0

Time-->



#15

Methyl Acetate

Concen: 30.722 ug/L

RT: 2.23 min Scan# 353

Delta R.T. -0.25 min

Lab File: VV012402.D

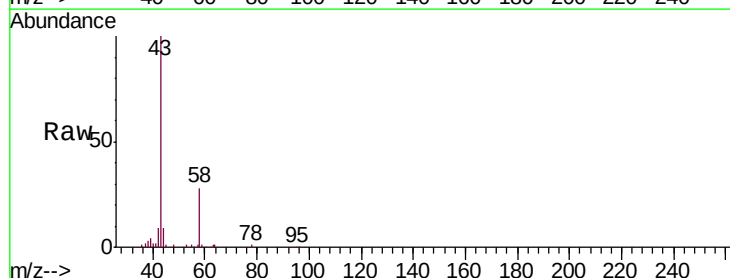
Acq: 26 Aug 2019 14:55

Tgt Ion: 43 Resp: 112337

Ion Ratio Lower Upper

43 100

74 0.1 21.8 32.6#



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 74.05 (73.75 to 74.75): VV0

2.23

25000

20000

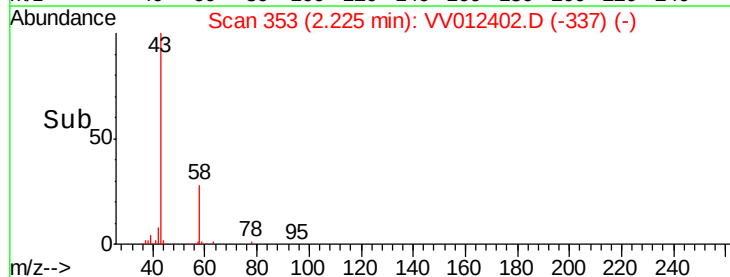
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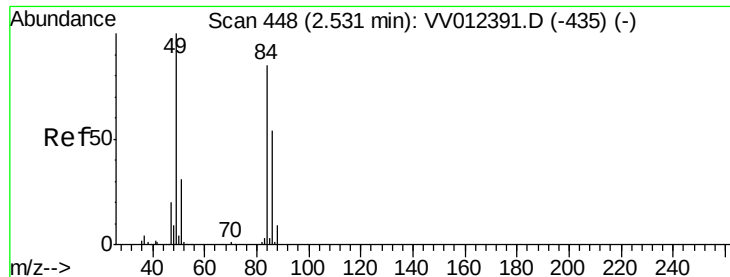
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5000

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Time-->

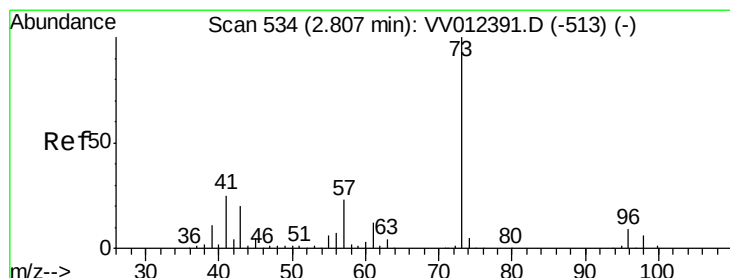
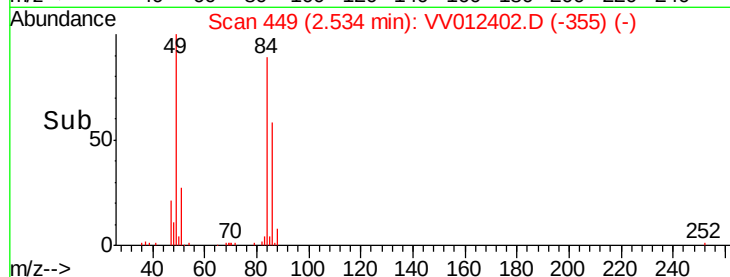
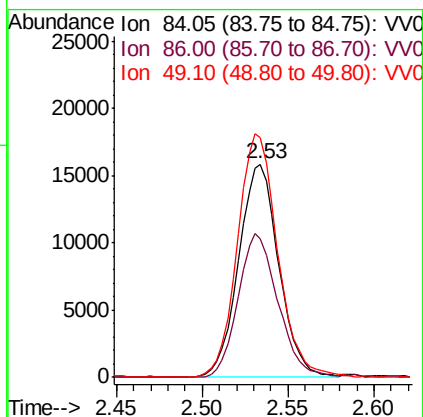
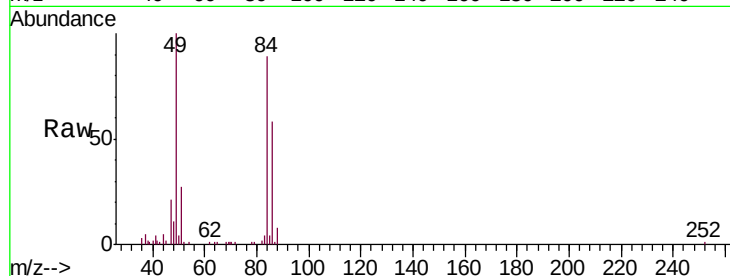




#16
Methylene chloride
Concen: 2.311 ug/L
RT: 2.53 min Scan# 449
Delta R.T. 0.00 min
Lab File: VV012402.D
Acq: 26 Aug 2019 14:55

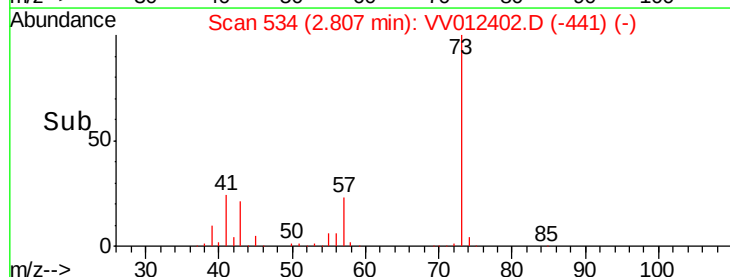
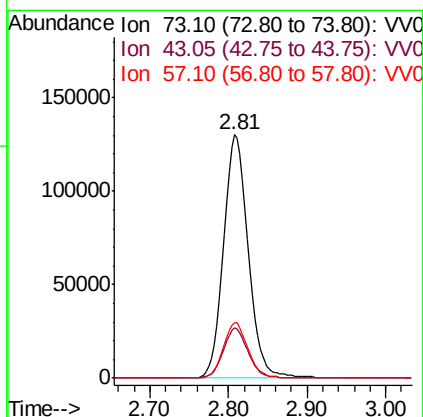
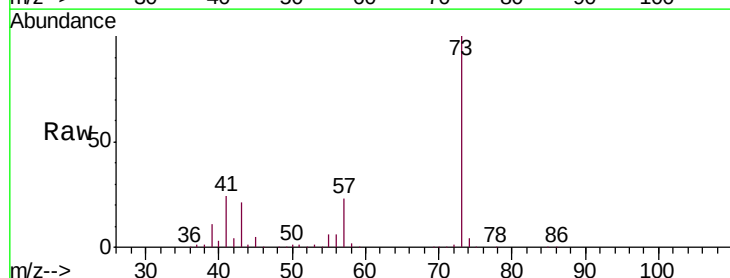
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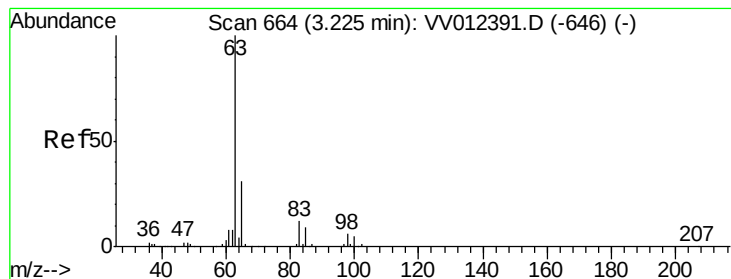
Tgt Ion: 84 Resp: 25749
Ion Ratio Lower Upper
84 100
86 65.1 44.9 83.5
49 112.2 81.1 150.7



#17
Methyl tert-butyl Ether
Concen: 9.372 ug/L
RT: 2.81 min Scan# 534
Delta R.T. -0.00 min
Lab File: VV012402.D
Acq: 26 Aug 2019 14:55

Tgt Ion: 73 Resp: 282407
Ion Ratio Lower Upper
73 100
43 20.5 15.0 22.6
57 22.6 18.0 27.0





#19

1,1-Dichloroethane

Concen: 9.593 ug/L

RT: 3.23 min Scan# 664

Delta R.T. -0.00 min

Lab File: VV012402.D

Acq: 26 Aug 2019 14:55

Instrument :

MSVOA_V

ClientSampleId :

GANM2

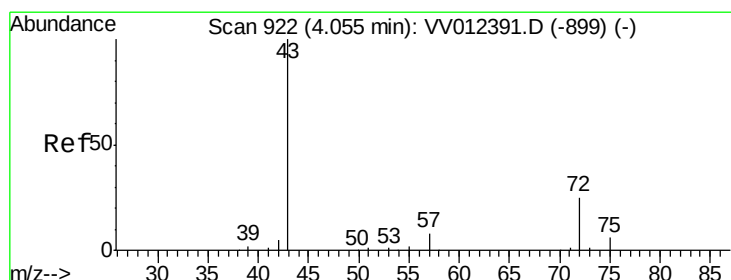
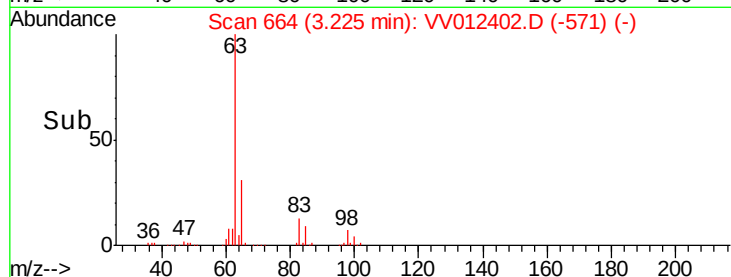
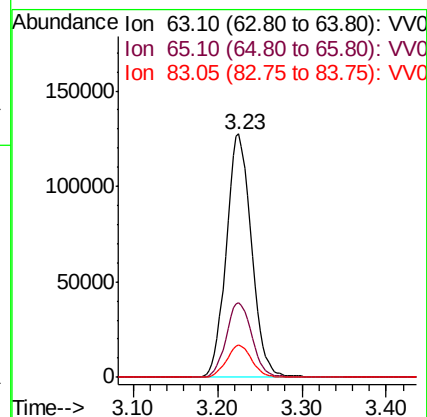
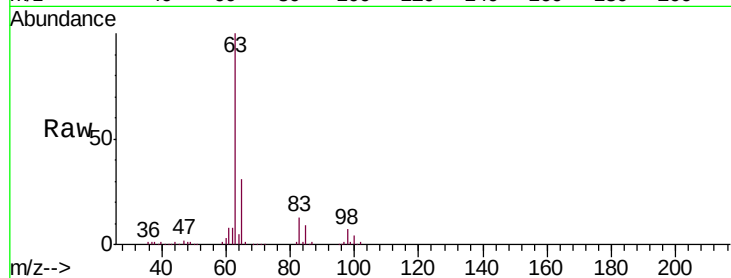
Tgt Ion: 63 Resp: 265225

Ion Ratio Lower Upper

63 100

65 30.6 23.1 42.9

83 13.1 9.4 17.6



#21

2-Butanone

Concen: 124.837 ug/L

RT: 4.05 min Scan# 921

Delta R.T. -0.00 min

Lab File: VV012402.D

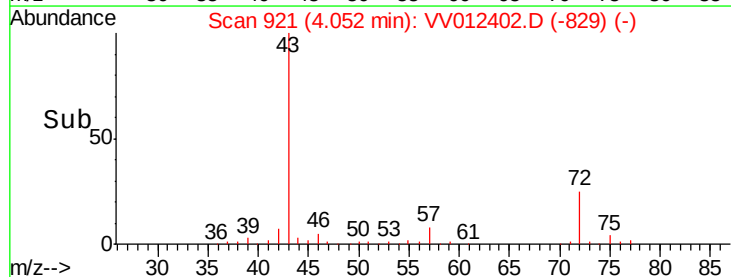
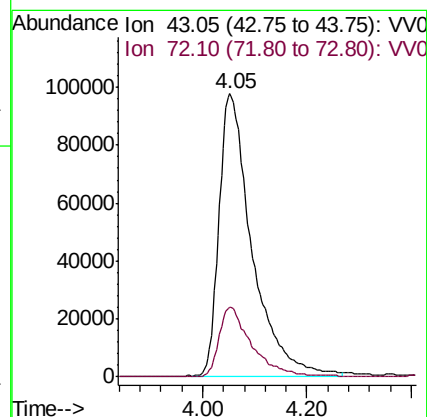
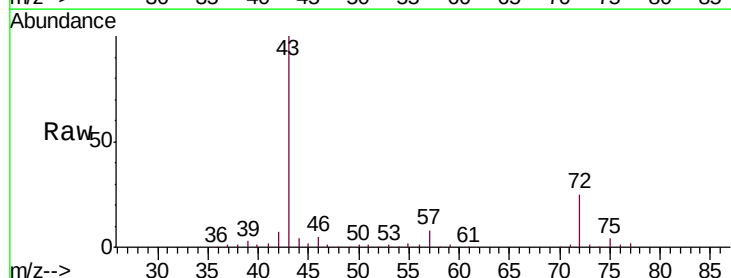
Acq: 26 Aug 2019 14:55

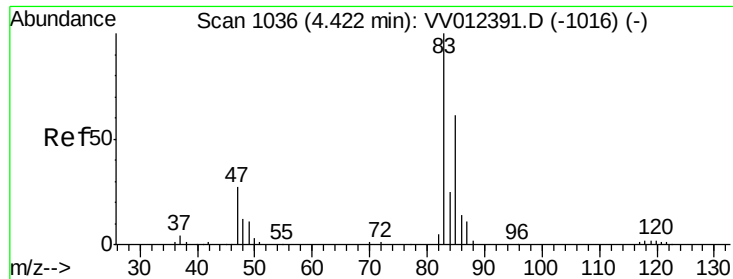
Tgt Ion: 43 Resp: 425916

Ion Ratio Lower Upper

43 100

72 24.6 12.2 36.6

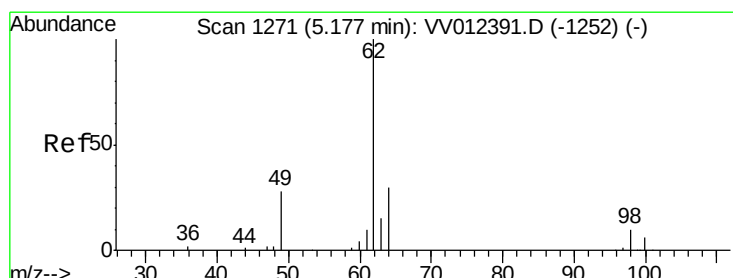
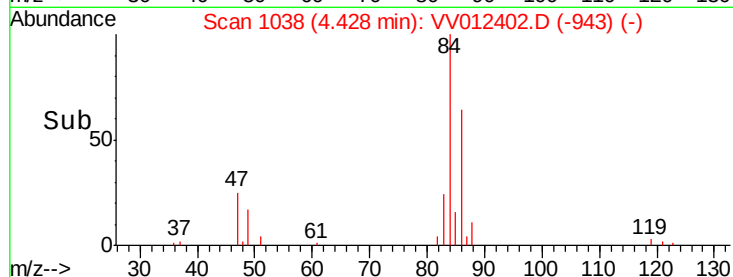
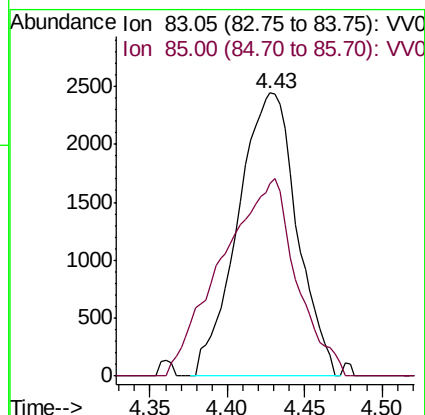
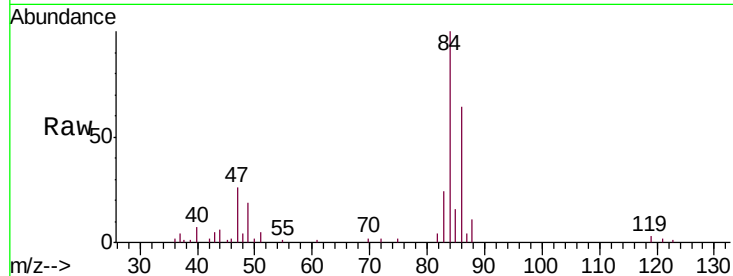




#25
Chloroform
Concen: 0.210 ug/L
RT: 4.43 min Scan# 1038
Delta R.T. 0.01 min
Lab File: VV012402.D
Acq: 26 Aug 2019 14:55

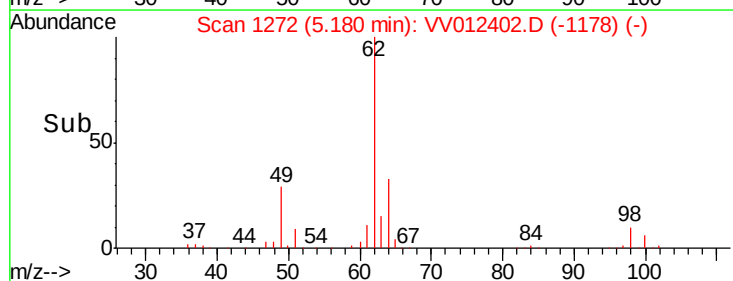
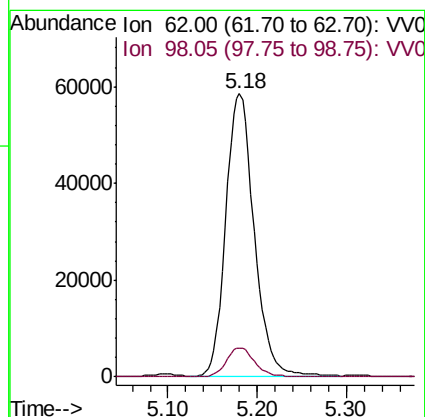
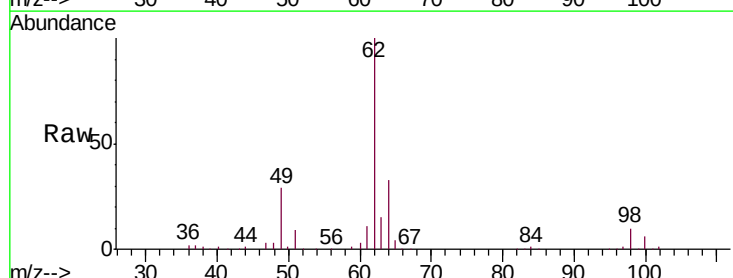
Instrument :
MSVOA_V
ClientSampled :
GANM2

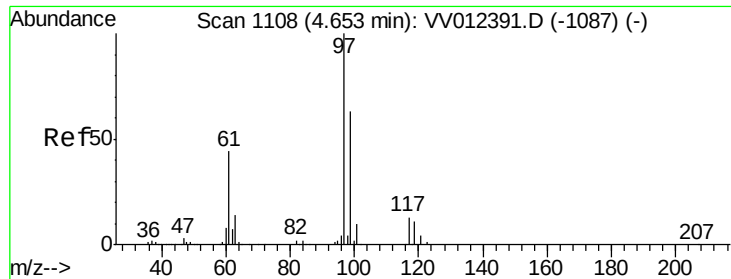
Tgt Ion: 83 Resp: 6485
Ion Ratio Lower Upper
83 100
85 67.9 44.6 82.8



#27
1,2-Dichloroethane
Concen: 7.982 ug/L
RT: 5.18 min Scan# 1272
Delta R.T. 0.00 min
Lab File: VV012402.D
Acq: 26 Aug 2019 14:55

Tgt Ion: 62 Resp: 129927
Ion Ratio Lower Upper
62 100
98 10.2 7.6 11.4

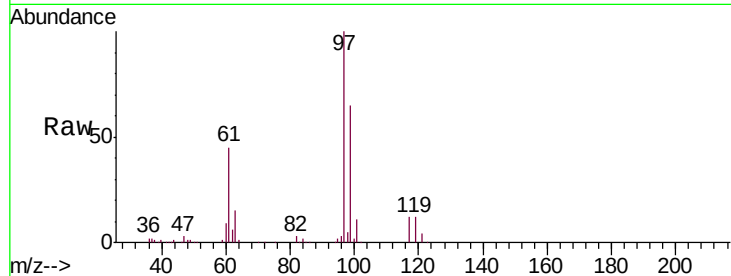




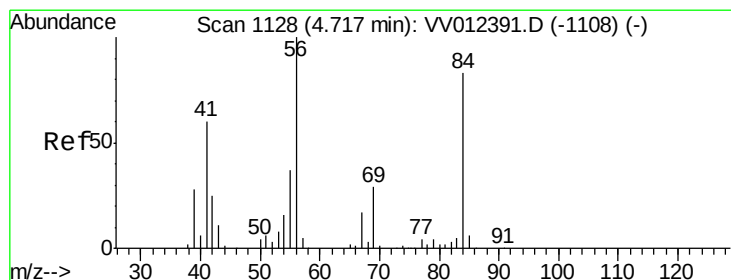
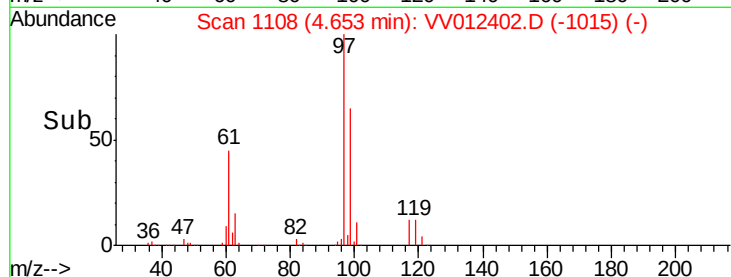
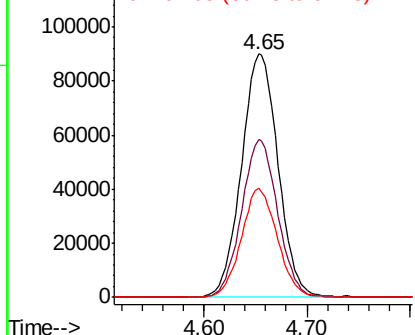
#29
 1,1,1-Trichloroethane
 Concen: 9.111 ug/L
 RT: 4.65 min Scan# 1108
 Delta R.T. -0.00 min
 Lab File: VV012402.D
 Acq: 26 Aug 2019 14:55

Instrument :
 MSVOA_V
 ClientSampleId :
 GANM2

Tgt Ion: 97 Resp: 221813
 Ion Ratio Lower Upper
 97 100
 99 63.9 50.5 75.7
 61 44.6 35.4 53.2

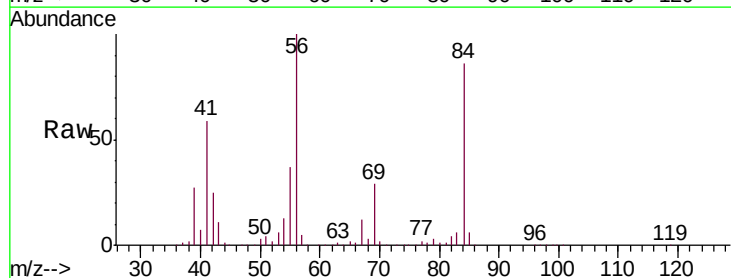


Abundance Ion 96.95 (96.65 to 97.65): VV0
 Ion 99.05 (98.75 to 99.75): VV0
 Ion 61.05 (60.75 to 61.75): VV0

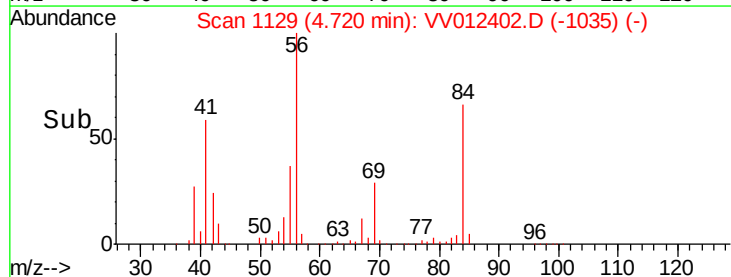
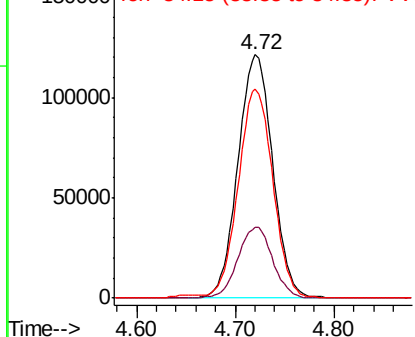


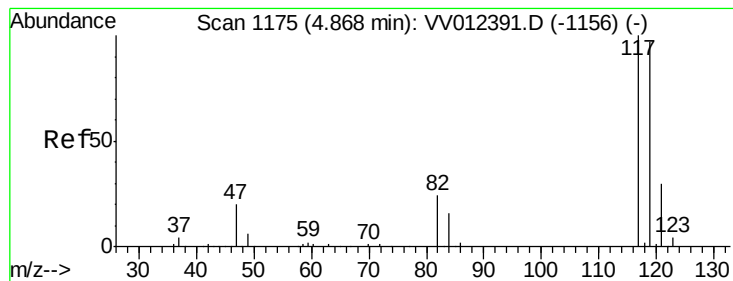
#30
 Cyclohexane
 Concen: 11.727 ug/L
 RT: 4.72 min Scan# 1129
 Delta R.T. 0.00 min
 Lab File: VV012402.D
 Acq: 26 Aug 2019 14:55

Tgt Ion: 56 Resp: 294917
 Ion Ratio Lower Upper
 56 100
 69 29.2 24.0 36.0
 84 85.2 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: 1.315 ug/L

RT: 4.66 min Scan# 1109

Delta R.T. -0.21 min

Lab File: VV012402.D

Acq: 26 Aug 2019 14:55

Instrument :

MSVOA_V

ClientSampleId :

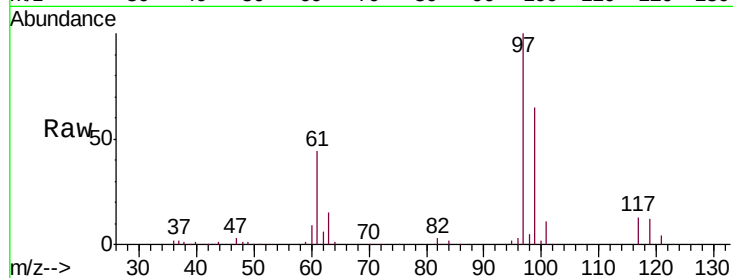
GANM2

Tgt Ion:117 Resp: 28310

Ion Ratio Lower Upper

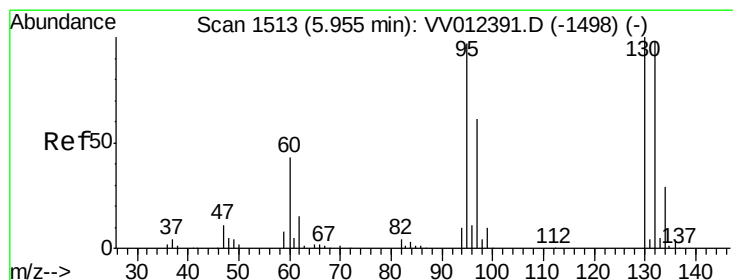
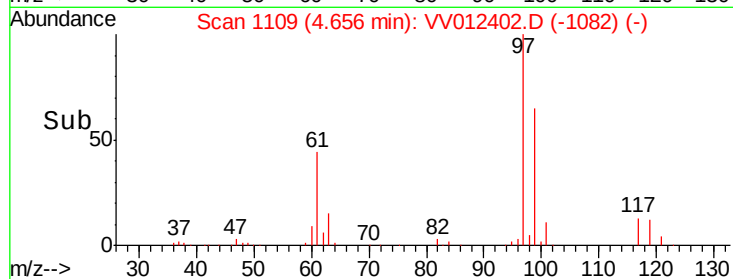
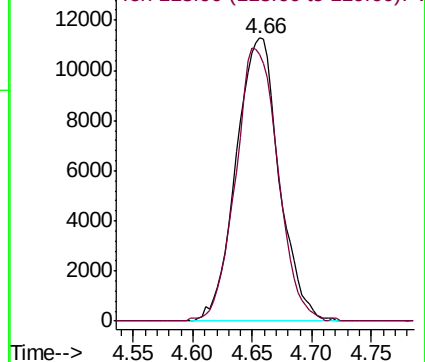
117 100

119 94.9 77.8 116.8



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 118.90 (118.60 to 119.60): V



#34

Trichloroethene

Concen: 5.031 ug/L

RT: 5.96 min Scan# 1513

Delta R.T. -0.00 min

Lab File: VV012402.D

Acq: 26 Aug 2019 14:55

Tgt Ion: 95 Resp: 84373

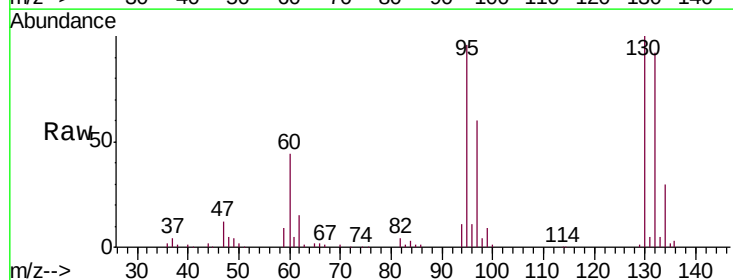
Ion Ratio Lower Upper

95 100

97 62.9 46.3 86.1

132 96.2 70.3 130.7

130 104.2 72.4 134.5

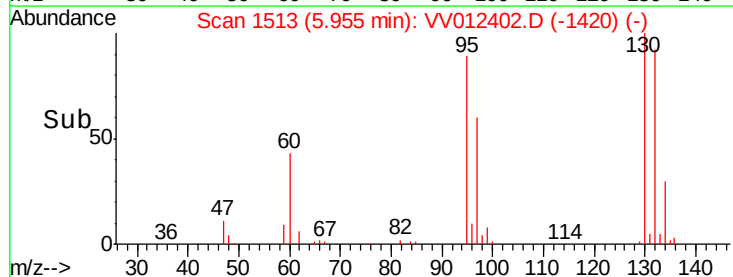
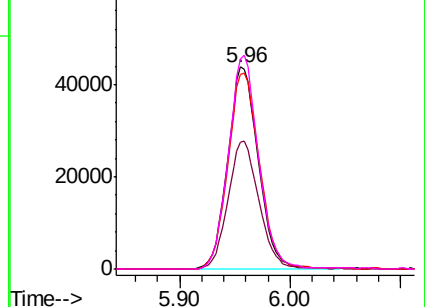


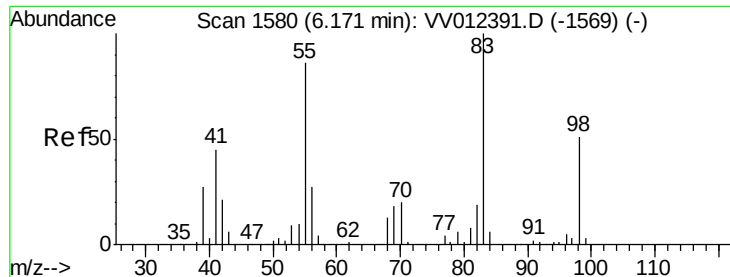
Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 96.95 (96.65 to 97.65): VV0

Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V

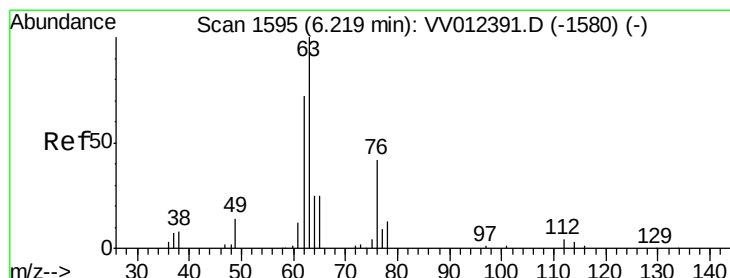
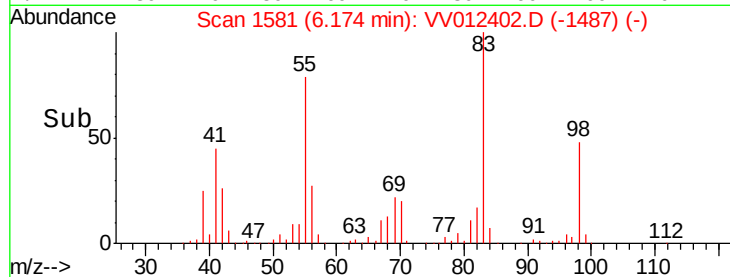
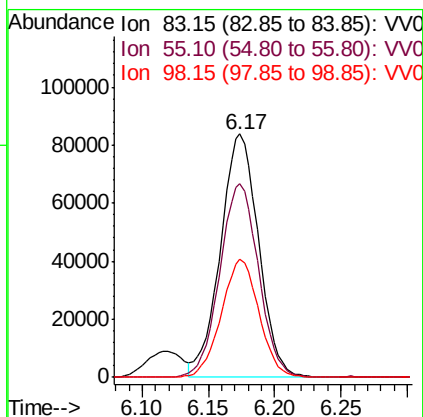
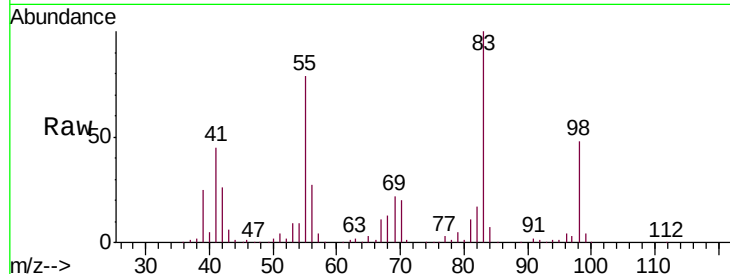




#35
Methylcyclohexane
Concen: 6.346 ug/L
RT: 6.17 min Scan# 1581
Delta R.T. 0.00 min
Lab File: VV012402.D
Acq: 26 Aug 2019 14:55

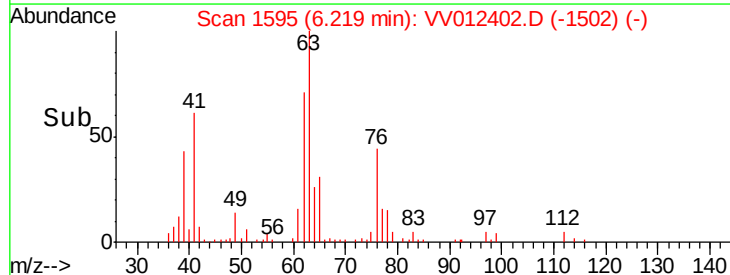
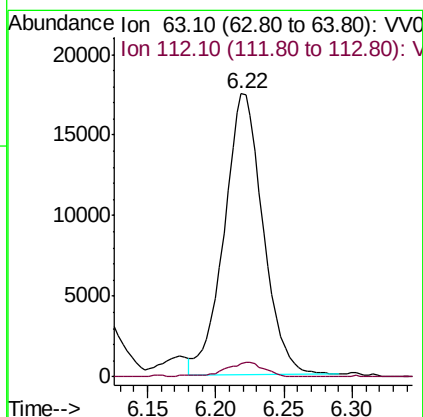
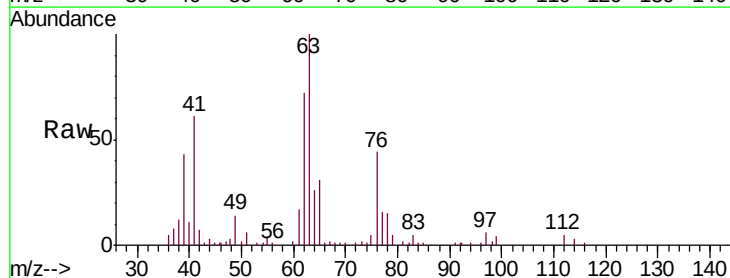
Instrument :
MSVOA_V
ClientSampleId :
GANM2

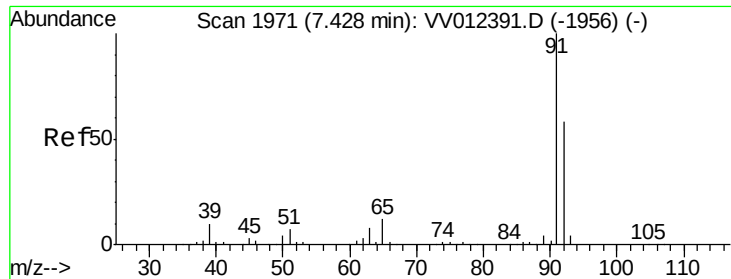
Tgt Ion: 83 Resp: 167168
Ion Ratio Lower Upper
83 100
55 80.9 64.6 97.0
98 48.0 39.0 58.4



#37
1,2-Dichloropropane
Concen: 2.199 ug/L
RT: 6.22 min Scan# 1595
Delta R.T. -0.00 min
Lab File: VV012402.D
Acq: 26 Aug 2019 14:55

Tgt Ion: 63 Resp: 34618
Ion Ratio Lower Upper
63 100
112 4.9 4.2 6.2





#42

Toluene

Concen: 8.872 ug/L

RT: 7.43 min Scan# 1972

Delta R.T. 0.00 min

Lab File: VV012402.D

Acq: 26 Aug 2019 14:55

Instrument :

MSVOA_V

ClientSampleId :

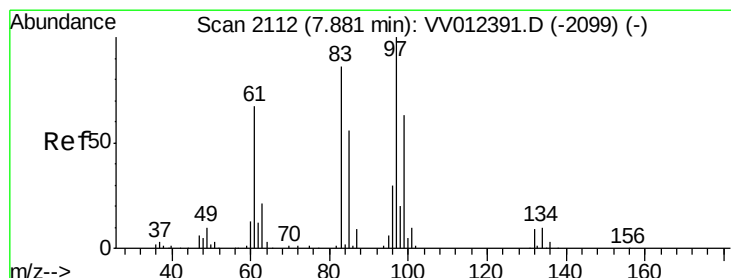
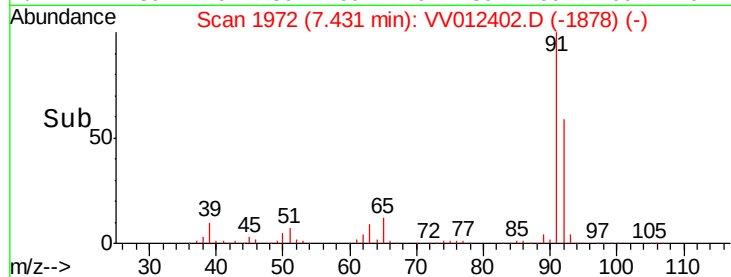
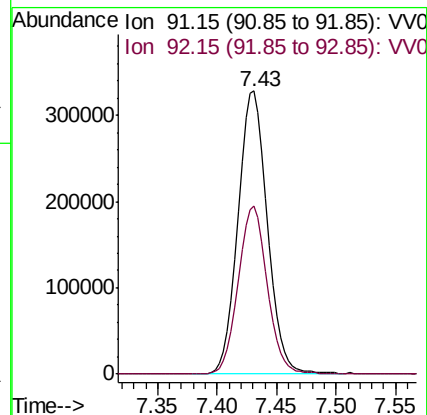
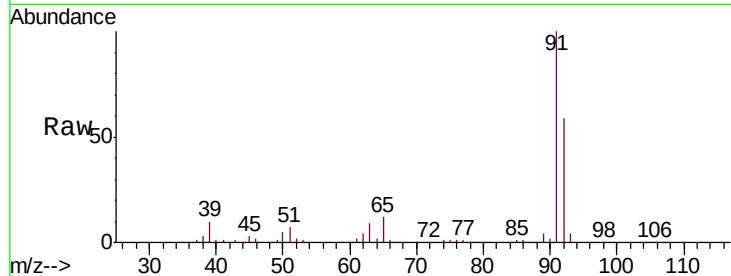
GANM2

Tgt Ion: 91 Resp: 563067

Ion Ratio Lower Upper

91 100

92 59.3 40.7 75.5



#45

1,1,2-Trichloroethane

Concen: 0.094 ug/L

RT: 8.01 min Scan# 2152

Delta R.T. 0.13 min

Lab File: VV012402.D

Acq: 26 Aug 2019 14:55

Tgt Ion: 97 Resp: 958

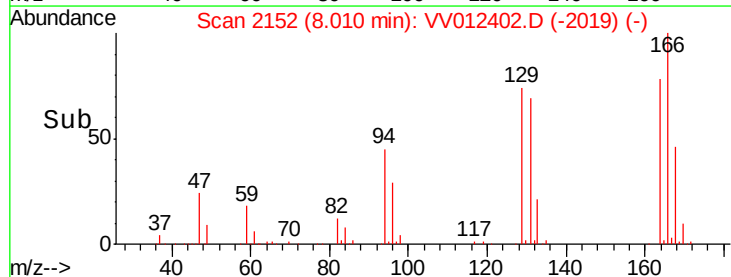
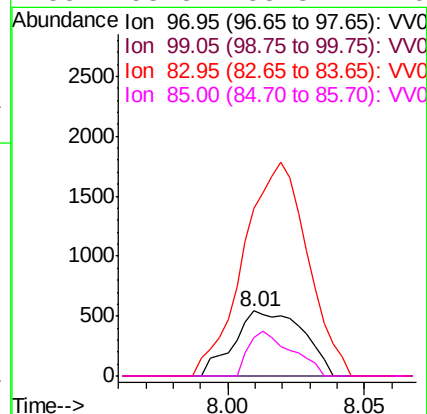
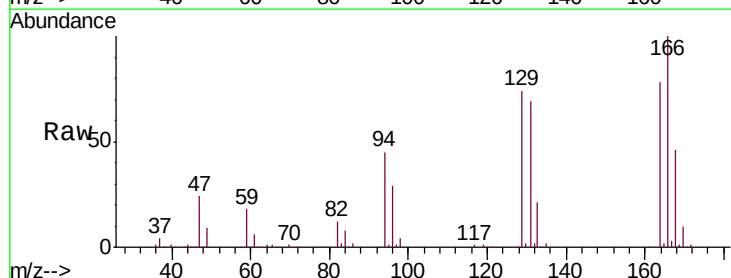
Ion Ratio Lower Upper

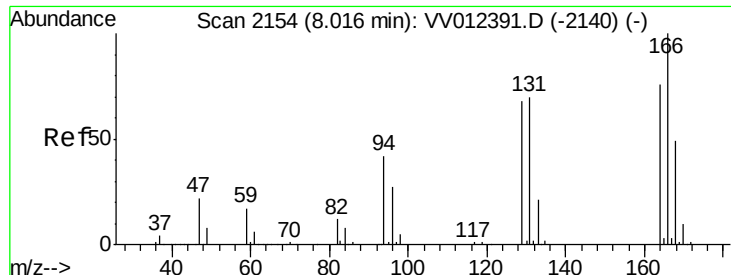
97 100

99 0.0 45.0 83.6#

83 257.0 59.3 110.1#

85 58.3 38.8 72.0





#47

Tetrachloroethene

Concen: 8.843 ug/L

RT: 8.02 min Scan# 2154

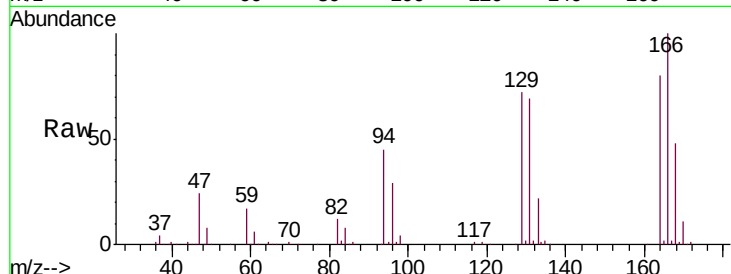
Delta R.T. -0.00 min

Lab File: VV012402.D

Acq: 26 Aug 2019 14:55

Instrument :
MSVOA_V
ClientSampleId :
GANM2

Tgt Ion:	164	Resp:	119657
Ion	Ratio	Lower	Upper
164	100		
129	91.0	60.6	112.6
131	86.4	58.8	109.2
166	125.6	87.6	162.8



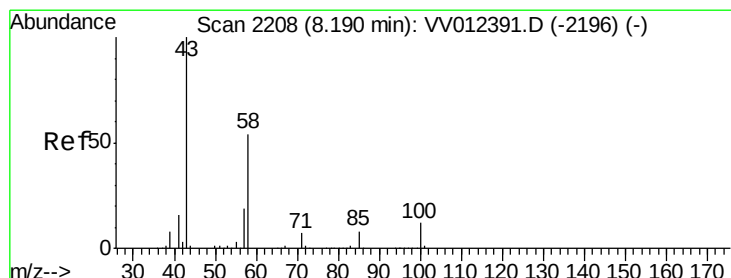
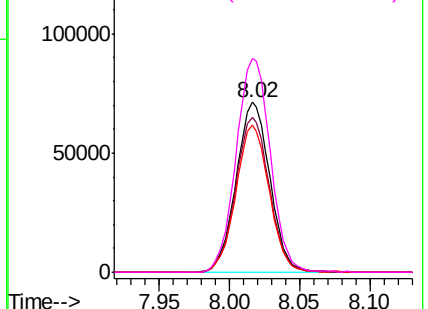
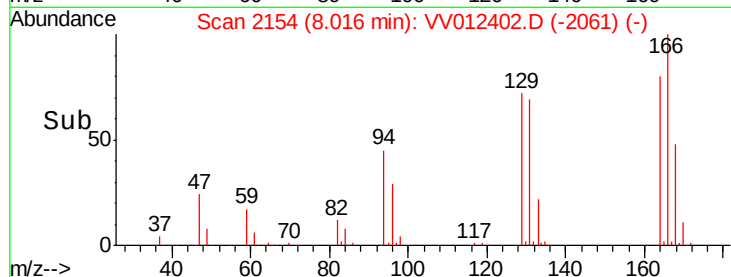
Abundance

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: 58.974 ug/L

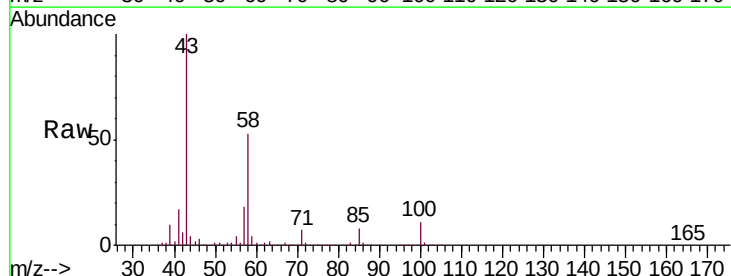
RT: 8.19 min Scan# 2208

Delta R.T. -0.00 min

Lab File: VV012402.D

Acq: 26 Aug 2019 14:55

Tgt Ion:	43	Resp:	358896
Ion	Ratio	Lower	Upper
43	100		
58	55.7	46.3	69.5
57	17.7	14.9	22.3
100	11.1	9.7	14.5



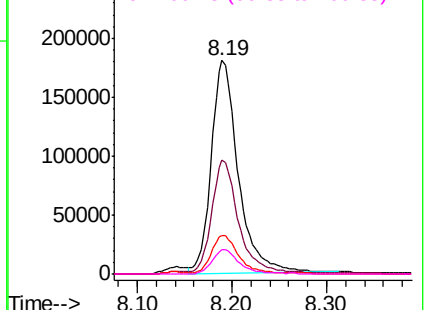
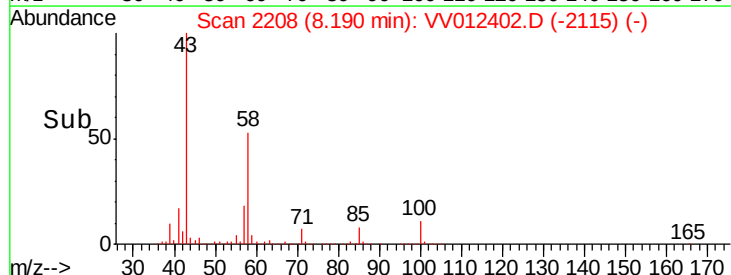
Abundance

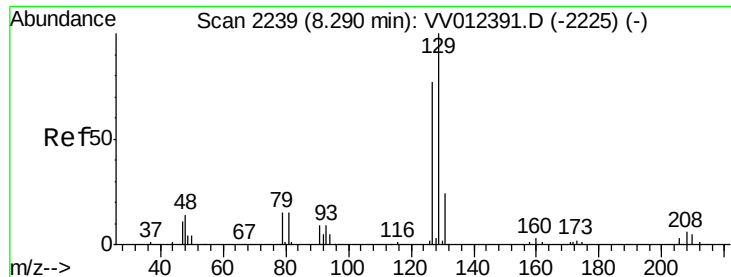
Ion 43.05 (42.75 to 43.75): VV0

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

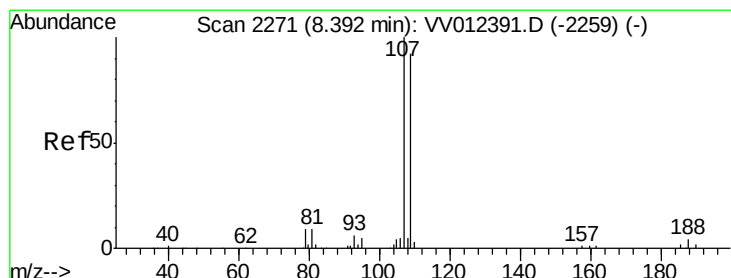
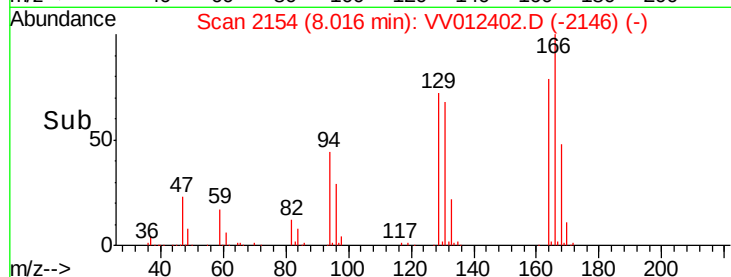
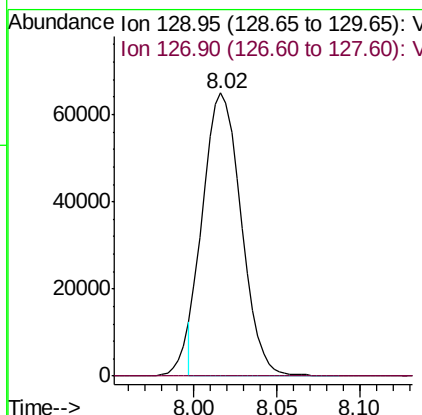
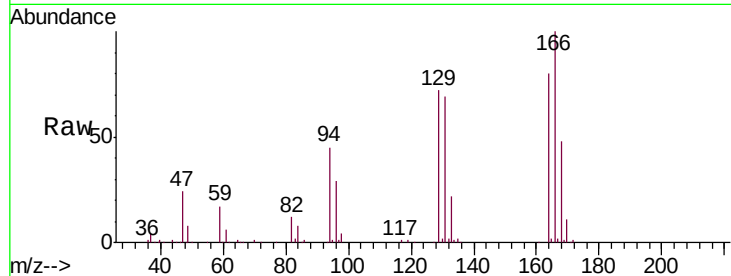




#49
 Dibromochloromethane
 Concen: 8.490 ug/L
 RT: 8.02 min Scan# 2154
 Delta R.T. -0.27 min
 Lab File: VV012402.D
 Acq: 26 Aug 2019 14:55

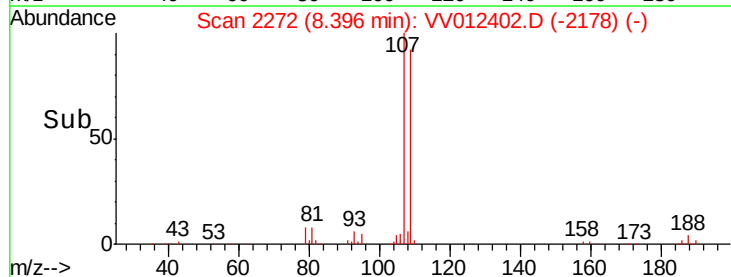
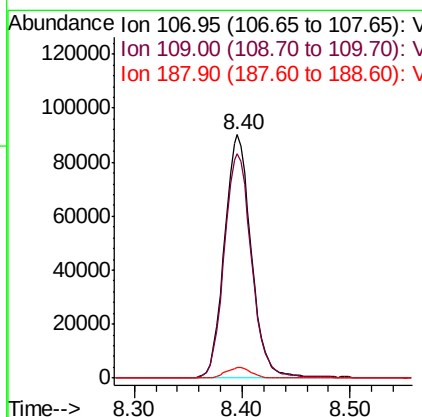
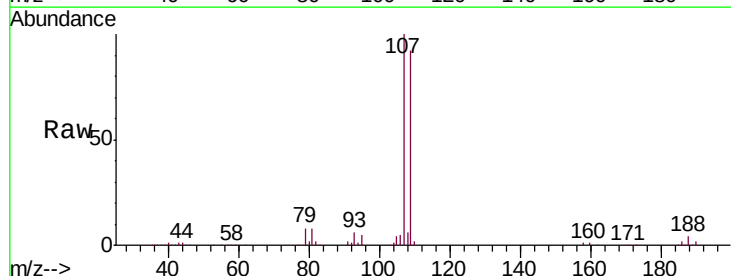
Instrument :
 MSVOA_V
 ClientSampleId :
 GANM2

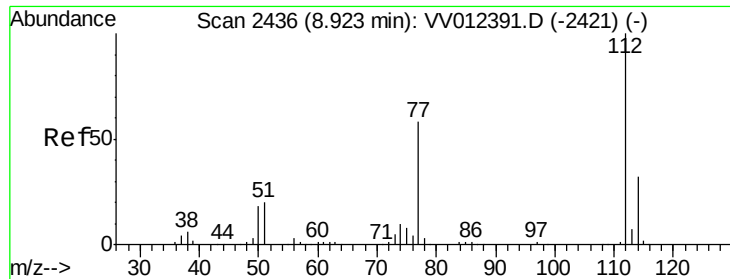
Tgt Ion:129 Resp: 103782
 Ion Ratio Lower Upper
 129 100
 127 0.2 53.8 99.8#



#50
 1,2-Dibromoethane
 Concen: 16.242 ug/L
 RT: 8.40 min Scan# 2272
 Delta R.T. 0.00 min
 Lab File: VV012402.D
 Acq: 26 Aug 2019 14:55

Tgt Ion:107 Resp: 156636
 Ion Ratio Lower Upper
 107 100
 109 92.4 64.9 120.5
 188 4.2 3.5 5.3





#51

Chlorobenzene

Concen: 11.033 ug/L

RT: 8.92 min Scan# 2436

Delta R.T. -0.00 min

Lab File: VV012402.D

Acq: 26 Aug 2019 14:55

Instrument :

MSVOA_V

ClientSampleId :

GANM2

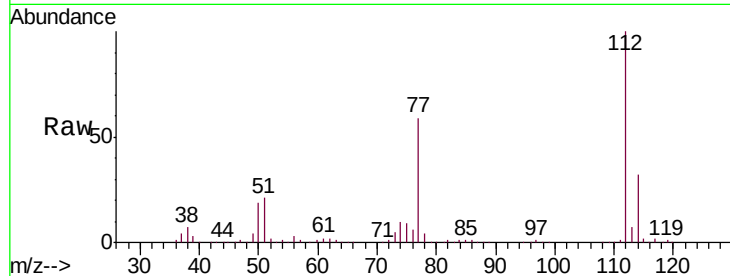
Tgt Ion: 112 Resp: 457487

Ion Ratio Lower Upper

112 100

114 32.4 23.0 42.6

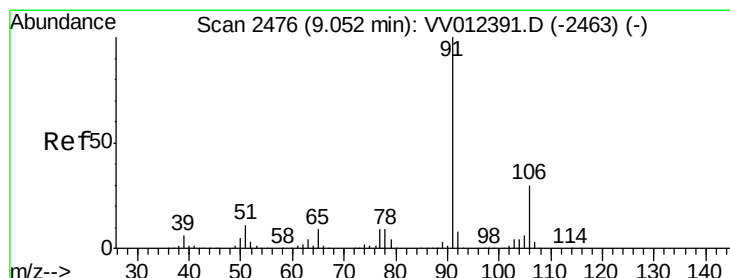
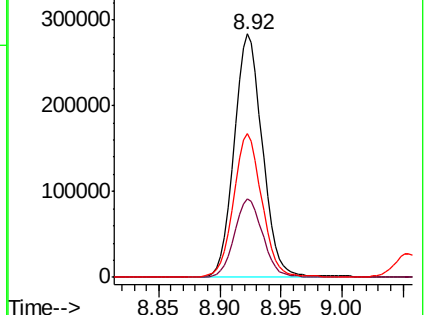
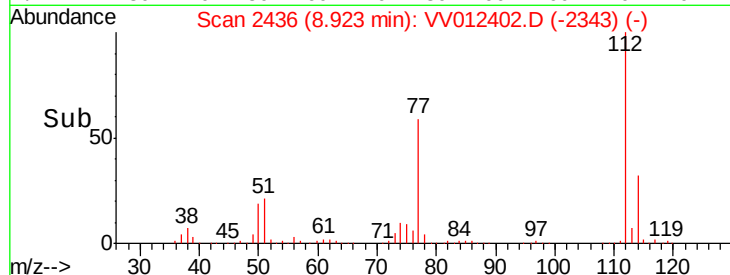
77 59.0 46.4 69.6



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: 6.954 ug/L

RT: 9.05 min Scan# 2477

Delta R.T. 0.00 min

Lab File: VV012402.D

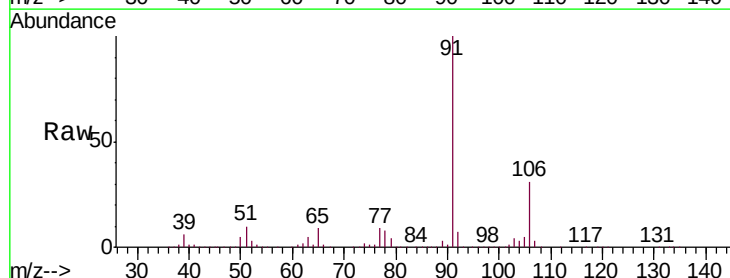
Acq: 26 Aug 2019 14:55

Tgt Ion: 91 Resp: 475091

Ion Ratio Lower Upper

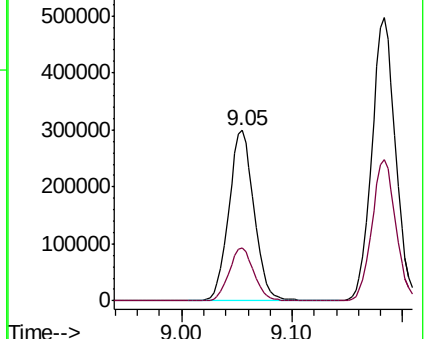
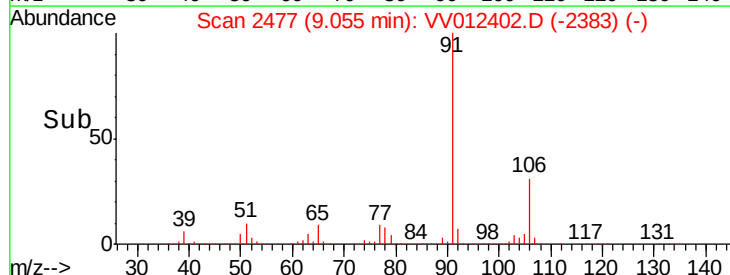
91 100

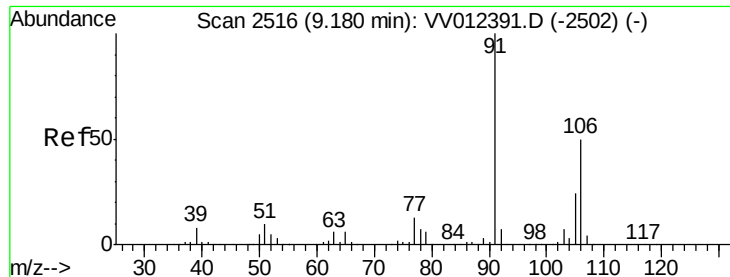
106 31.2 21.7 40.3



Abundance Ion 91.15 (90.85 to 91.85): V

Ion 106.15 (105.85 to 106.85): V





#53

m,p-xylene

Concen: 14.620 ug/L

RT: 9.18 min Scan# 2517

Delta R.T. 0.00 min

Lab File: VV012402.D

Acq: 26 Aug 2019 14:55

Instrument :

MSVOA_V

ClientSampleId :

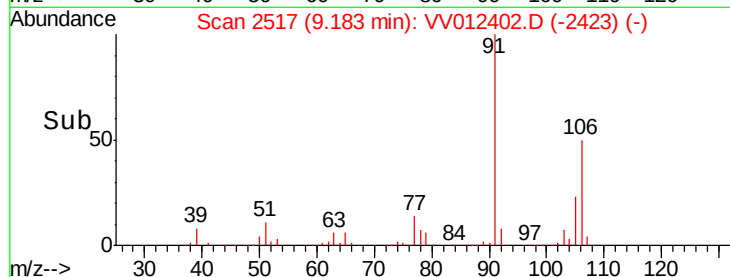
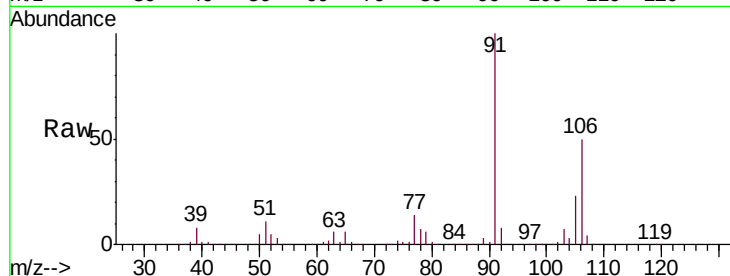
GANM2

Tgt Ion:106 Resp: 374441

Ion Ratio Lower Upper

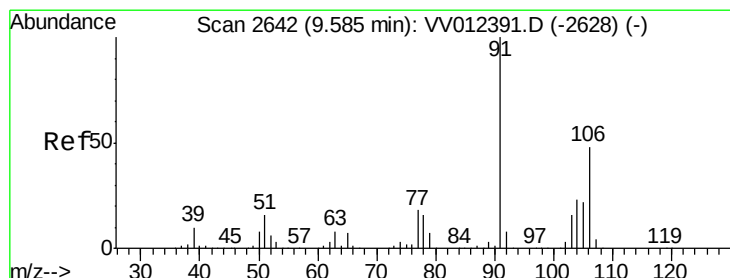
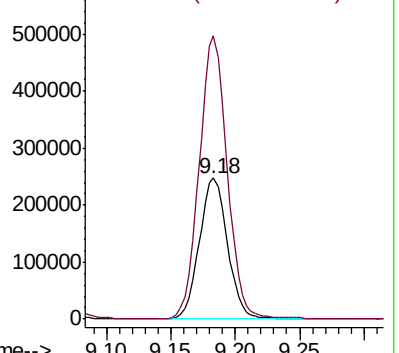
106 100

91 201.0 140.8 261.4



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VV0



#54

o-xylene

Concen: 5.818 ug/L

RT: 9.59 min Scan# 2642

Delta R.T. -0.00 min

Lab File: VV012402.D

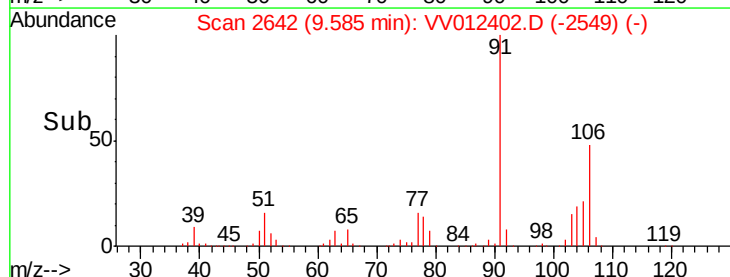
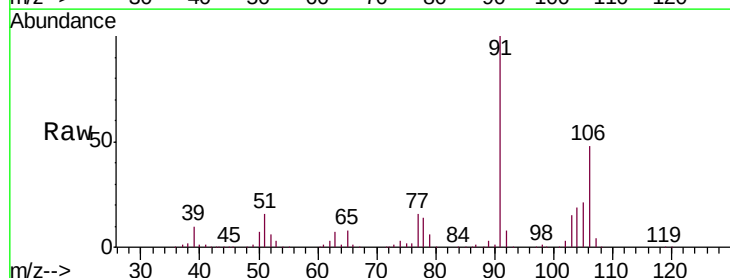
Acq: 26 Aug 2019 14:55

Tgt Ion:106 Resp: 141792

Ion Ratio Lower Upper

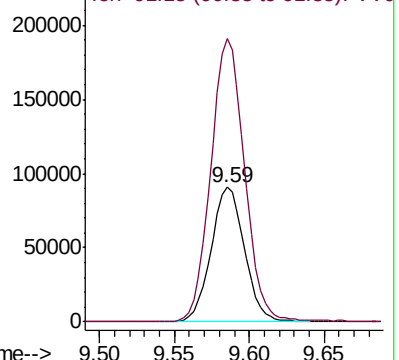
106 100

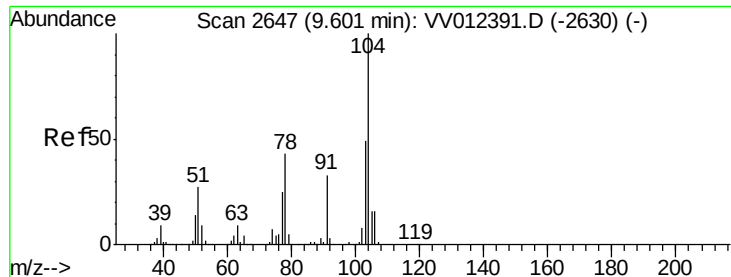
91 210.0 149.5 277.7



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VV0





#55

Styrene

Concen: 5.912 ug/L

RT: 9.60 min Scan# 2647

Delta R.T. -0.00 min

Lab File: VV012402.D

Acq: 26 Aug 2019 14:55

Instrument :

MSVOA_V

ClientSampleId :

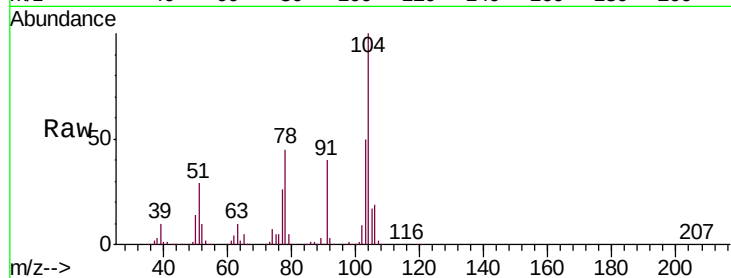
GANM2

Tgt Ion:104 Resp: 241072

Ion Ratio Lower Upper

104 100

78 44.6 29.8 55.3



Abundance Ion 104.10 (103.80 to 104.80): V

Ion 78.10 (77.80 to 78.80): VV0

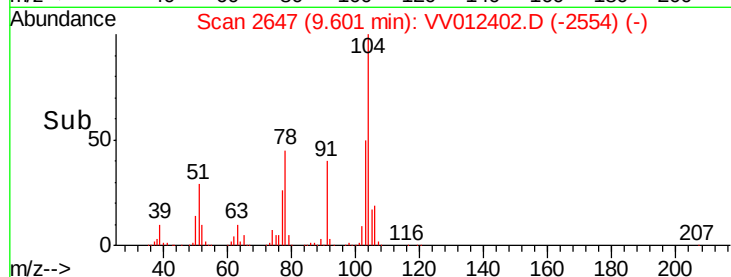
150000

100000

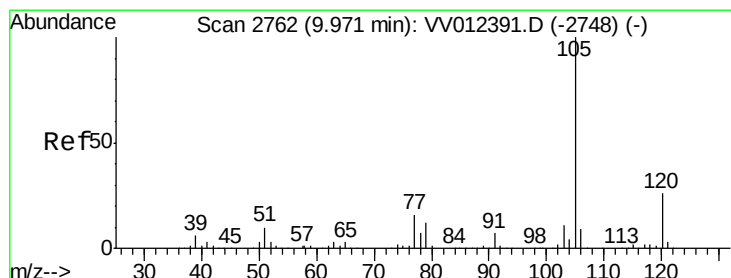
50000

0

9.50 9.60 9.70



Time-->



#56

Isopropylbenzene

Concen: 3.447 ug/L

RT: 9.97 min Scan# 2763

Delta R.T. 0.00 min

Lab File: VV012402.D

Acq: 26 Aug 2019 14:55

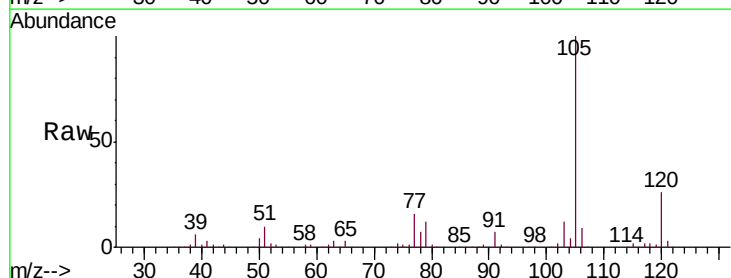
Tgt Ion:105 Resp: 224857

Ion Ratio Lower Upper

105 100

120 25.9 21.5 32.3

77 16.1 12.5 18.7



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): VV0

200000

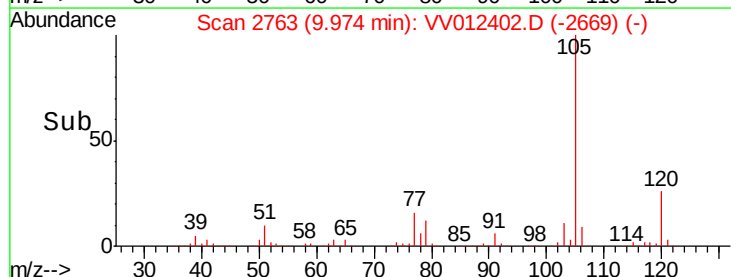
150000

100000

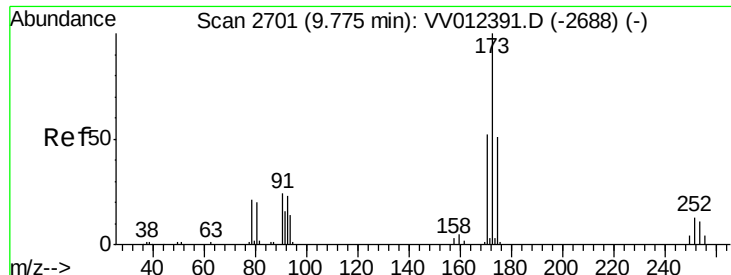
50000

0

9.90 9.97 10.00



Time-->



#61

Bromoform

Concen: 5.816 ug/L

RT: 9.77 min Scan# 2701

Delta R.T. -0.00 min

Lab File: VV012402.D

Acq: 26 Aug 2019 14:55

Instrument :
MSVOA_V
ClientSampleId :
GANM2

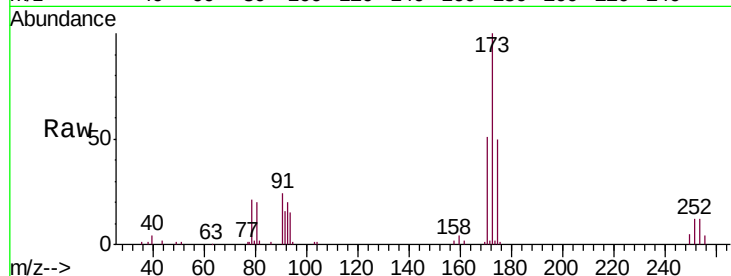
Tgt Ion:173 Resp: 36037

Ion Ratio Lower Upper

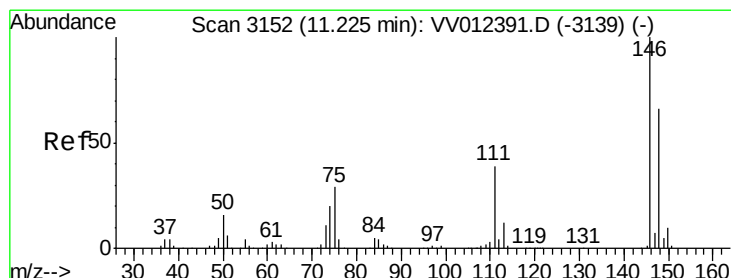
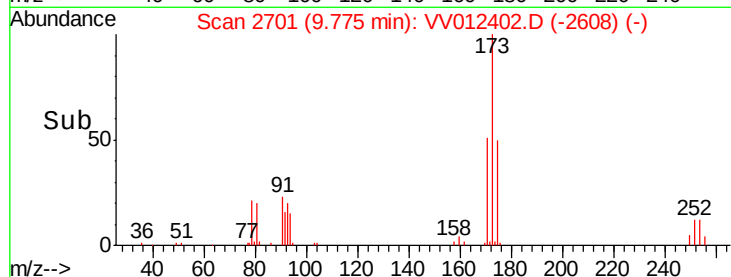
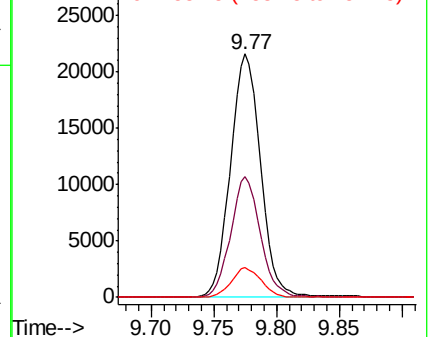
173 100

175 48.6 40.7 61.1

254 11.9 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: 4.518 ug/L

RT: 11.32 min Scan# 3181

Delta R.T. 0.09 min

Lab File: VV012402.D

Acq: 26 Aug 2019 14:55

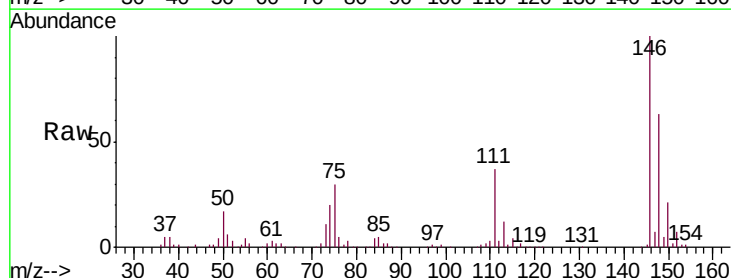
Tgt Ion:146 Resp: 132525

Ion Ratio Lower Upper

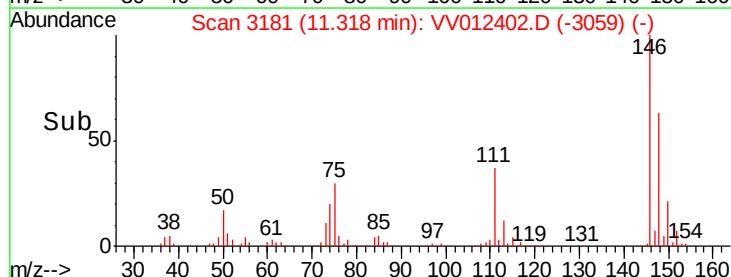
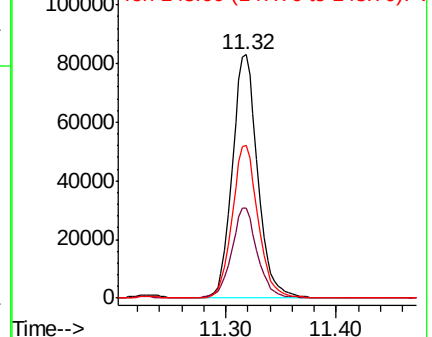
146 100

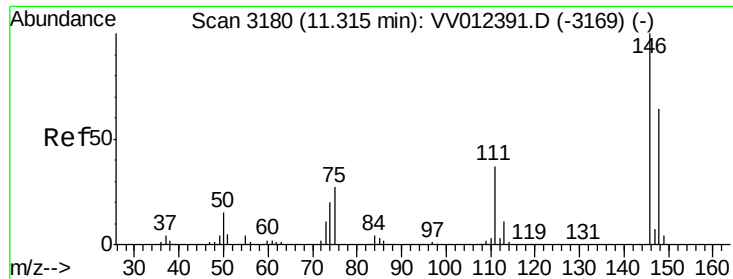
111 36.7 27.0 50.2

148 62.9 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

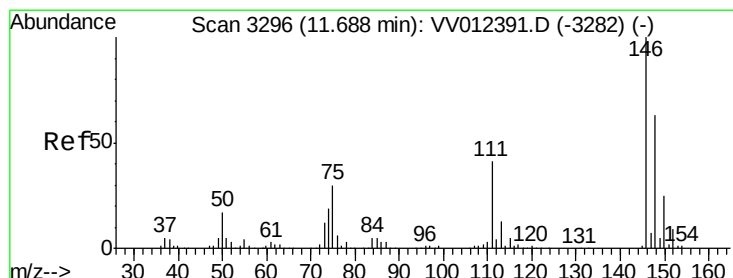
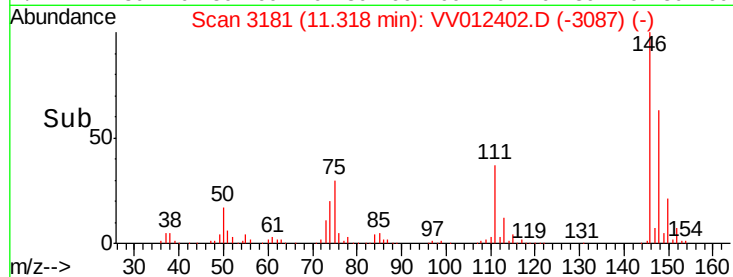
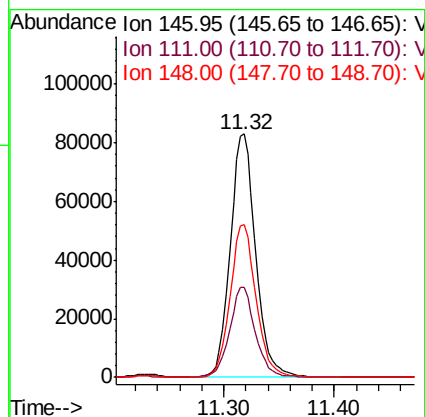
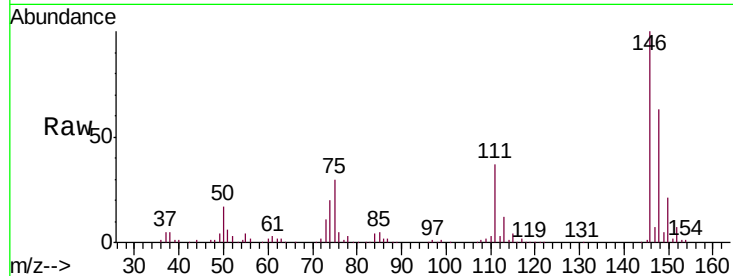




#63
 1,4-Dichlorobenzene
 Concen: 4.511 ug/L
 RT: 11.32 min Scan# 3181
 Delta R.T. 0.00 min
 Lab File: VV012402.D
 Acq: 26 Aug 2019 14:55

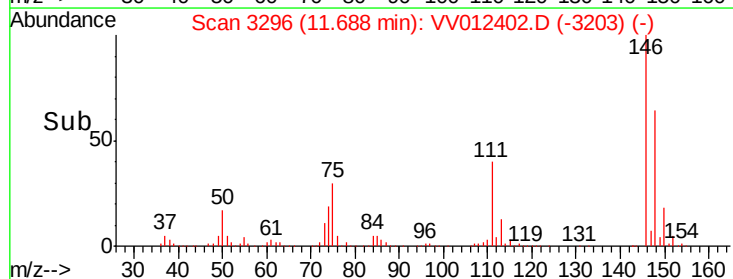
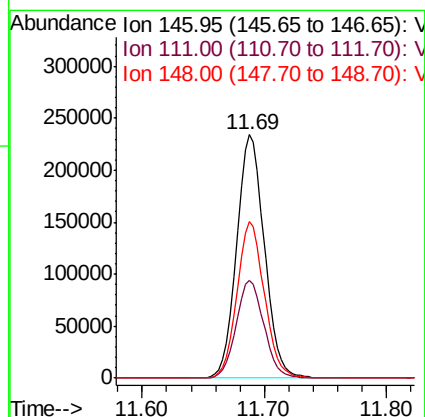
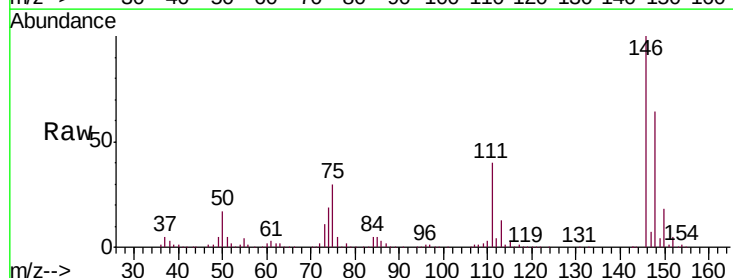
Instrument :
 MSVOA_V
 ClientSampled :
 GANM2

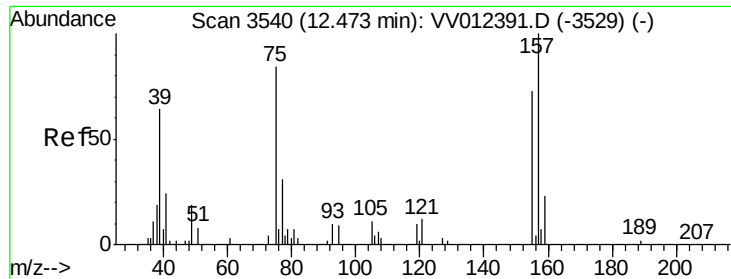
Tgt Ion:146 Resp: 132525
 Ion Ratio Lower Upper
 146 100
 111 36.7 25.7 47.7
 148 62.9 45.0 83.6



#65
 1,2-Dichlorobenzene
 Concen: 13.675 ug/L
 RT: 11.69 min Scan# 3296
 Delta R.T. -0.00 min
 Lab File: VV012402.D
 Acq: 26 Aug 2019 14:55

Tgt Ion:146 Resp: 368870
 Ion Ratio Lower Upper
 146 100
 111 40.4 31.9 47.9
 148 64.3 50.2 75.4

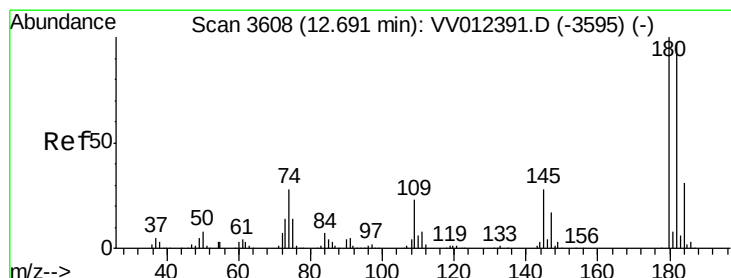
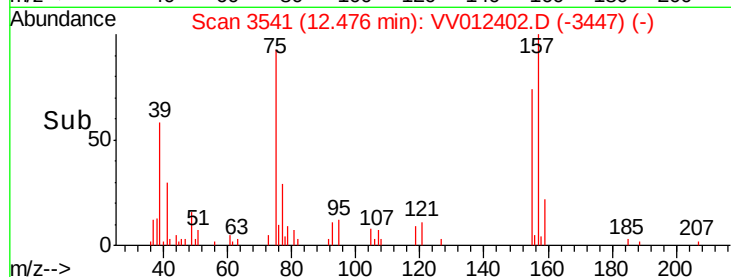
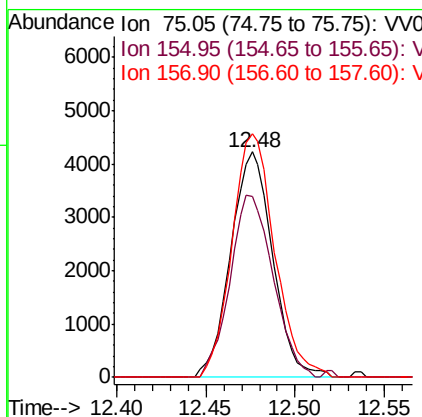
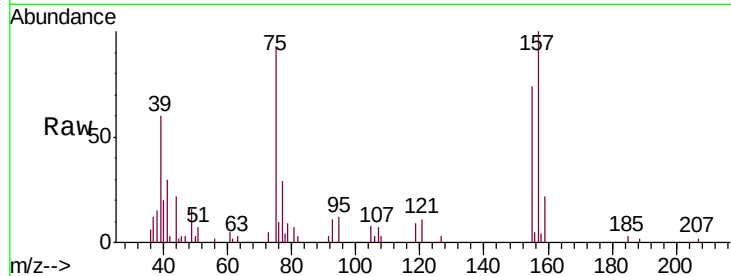




#66
 1,2-Dibromo-3-chloropropane
 Concen: 4.492 ug/L
 RT: 12.48 min Scan# 3541
 Delta R.T. 0.00 min
 Lab File: VV012402.D
 Acq: 26 Aug 2019 14:55

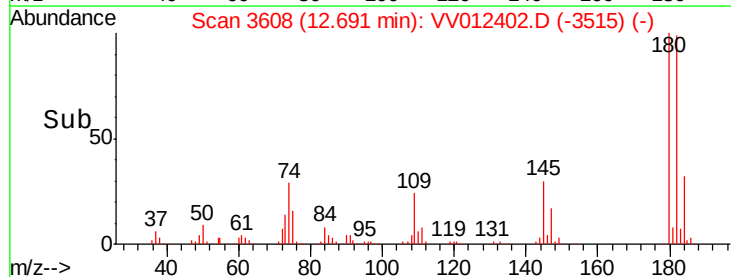
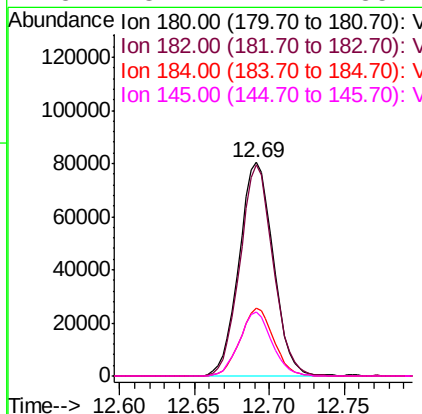
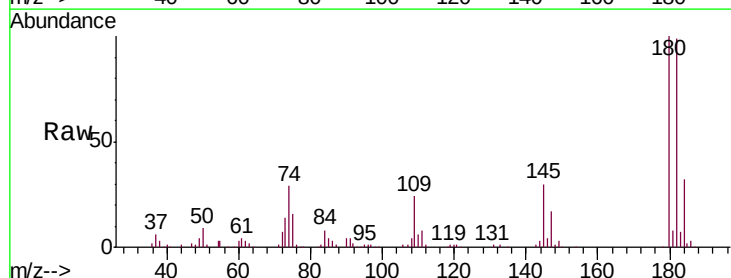
Instrument :
 MSVOA_V
 ClientSampleId :
 GANM2

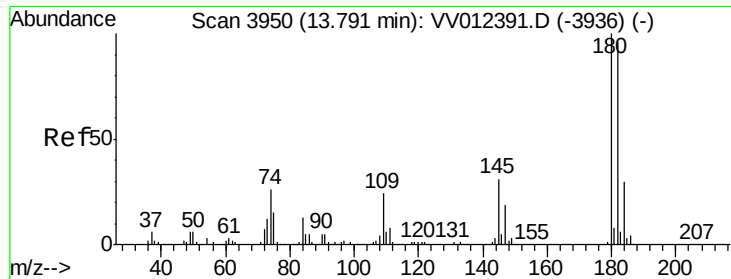
Tgt Ion: 75 Resp: 6946
 Ion Ratio Lower Upper
 75 100
 155 80.5 72.6 109.0
 157 108.0 80.5 120.7



#67
 1,3,5-Trichlorobenzene
 Concen: 5.709 ug/L
 RT: 12.69 min Scan# 3608
 Delta R.T. -0.00 min
 Lab File: VV012402.D
 Acq: 26 Aug 2019 14:55

Tgt Ion: 180 Resp: 128214
 Ion Ratio Lower Upper
 180 100
 182 95.6 76.4 114.6
 184 31.0 23.9 35.9
 145 28.7 22.1 33.1





#70
 1,2,3-Trichlorobenzene
 Concen: 11.070 ug/L
 RT: 13.79 min Scan# 3950
 Delta R.T. -0.00 min
 Lab File: VV012402.D
 Acq: 26 Aug 2019 14:55

Instrument :
 MSVOA_V
 ClientSampleId :
 GANM2

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.0	75.1	112.7
145	30.8	23.4	35.2

