

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV080319\
 Data File : VV012104.D
 Acq On : 03 Aug 2019 11:54
 Operator : SY/MD
 Sample : VSTDICV025
 Misc : 5gm/10ml/MSVOA_V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VICV66

Quant Time: Aug 05 08:25:34 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM080319S.M
 Quant Title : VOC Analysis
 QLast Update : Mon Aug 05 08:21:28 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	228775	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	215872	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	121486	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	48321	25.31	ug/L	0.00
Spiked Amount	25.000	Range	65 - 131	Recovery	=	101.24%
7) Chloroethane-d5	1.58	69	36037	24.61	ug/L	0.00
Spiked Amount	25.000	Range	71 - 131	Recovery	=	98.44%
10) 1,1-Dichloroethene-d2	2.13	63	96880	24.87	ug/L	0.00
Spiked Amount	25.000	Range	55 - 104	Recovery	=	99.48%
20) 2-Butanone-d5	3.95	46	52289	48.39	ug/L	0.00
Spiked Amount	50.000	Range	49 - 155	Recovery	=	96.78%
24) Chloroform-d	4.40	84	134216	24.31	ug/L	0.00
Spiked Amount	25.000	Range	78 - 121	Recovery	=	97.24%
26) 1,2-Dichloroethane-d4	5.08	65	78942	23.61	ug/L	0.00
Spiked Amount	25.000	Range	78 - 129	Recovery	=	94.44%
29) Benzene-d6	5.10	84	258206	24.75	ug/L	0.00
Spiked Amount	25.000	Range	77 - 124	Recovery	=	99.00%
33) 1,2-Dichloropropane-d6	6.12	67	71466	24.85	ug/L	0.00
Spiked Amount	25.000	Range	79 - 124	Recovery	=	99.40%
37) Toluene-d8	7.36	98	256577	24.74	ug/L	0.00
Spiked Amount	25.000	Range	77 - 121	Recovery	=	98.96%
38) trans-1,3-Dichloropropene-	7.66	79	41602	24.81	ug/L	0.00
Spiked Amount	25.000	Range	73 - 121	Recovery	=	99.24%
39) 2-Hexanone-d5	8.14	63	41452	51.66	ug/L	0.00
Spiked Amount	50.000	Range	28 - 135	Recovery	=	103.32%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	77909	24.66	ug/L	0.00
Spiked Amount	25.000	Range	73 - 125	Recovery	=	98.64%
61) 1,2-Dichlorobenzene-d4	11.67	152	111263	25.07	ug/L	0.00
Spiked Amount	25.000	Range	80 - 131	Recovery	=	100.28%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	92179	24.252	ug/L 100
3) Chloromethane	1.25	50	53848	23.808	ug/L 95
5) Vinyl chloride	1.32	62	56499	25.552	ug/L 99
6) Bromomethane	1.54	94	36599	25.997	ug/L 97
8) Chloroethane	1.60	64	30638	24.209	ug/L 99
9) Trichlorofluoromethane	1.77	101	104761	24.808	ug/L 97
11) 1,1,2-Trichloro-1,2,2-trif	2.14	101	51402	25.140	ug/L 98
12) 1,1-Dichloroethene	2.14	96	47097	25.698	ug/L 97
13) Acetone	2.22	43	69590	52.259	ug/L 98
14) Carbon disulfide	2.32	76	193041	25.057	ug/L 100
15) Methyl Acetate	2.47	43	39249	25.189	ug/L 100
16) Methylene chloride	2.53	84	69771	24.261	ug/L 96
17) Methyl tert-butyl Ether	2.80	73	191054	25.466	ug/L 100
18) trans-1,2-Dichloroethene	2.79	96	71476	25.192	ug/L 96
19) 1,1-Dichloroethane	3.23	63	117836	25.521	ug/L 99
21) 2-Butanone	4.04	43	74962	56.299	ug/L 97
22) cis-1,2-Dichloroethene	3.96	96	79095	25.560	ug/L 99

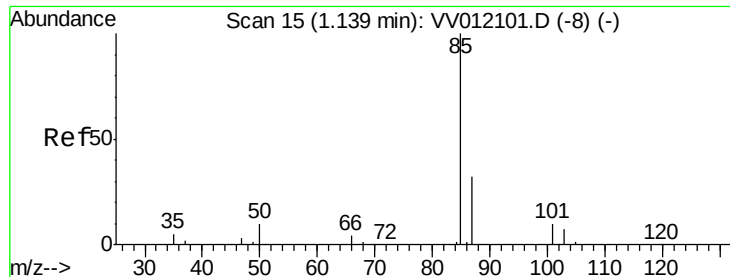
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV080319\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.30	128	39629	25.940	ug/L	96
25) Chloroform	4.42	83	133680	24.849	ug/L	98
27) 1,2-Dichloroethane	5.18	62	102194	25.845	ug/L	99
30) Cyclohexane	4.72	56	105427	25.567	ug/L	97
31) 1,1,1-Trichloroethane	4.66	97	127692	24.677	ug/L	99
32) Carbon tetrachloride	4.87	117	121565	24.455	ug/L	99
34) Benzene	5.15	78	273329	25.213	ug/L	100
35) Trichloroethene	5.96	95	79020	25.330	ug/L	97
36) Methylcyclohexane	6.18	83	129442	25.597	ug/L	99
40) 1,2-Dichloropropane	6.22	63	65205	25.976	ug/L	99
41) Bromodichloromethane	6.55	83	101416	25.315	ug/L	99
42) cis-1,3-Dichloropropene	7.07	75	118740	25.634	ug/L	100
43) 4-Methyl-2-pentanone	7.27	43	116636	52.689	ug/L	99
44) Toluene	7.43	91	312657	25.399	ug/L	98
45) trans-1,3-Dichloropropene	7.69	75	104556	25.841	ug/L	97
46) 1,1,2-Trichloroethane	7.88	97	61245	25.849	ug/L	99
47) Tetrachloroethene	8.02	164	76395	25.381	ug/L	95
49) 2-Hexanone	8.18	43	99716	55.815	ug/L	99
50) Dibromochloromethane	8.29	129	85668	25.836	ug/L	94
51) 1,2-Dibromoethane	8.40	107	67400	26.159	ug/L	99
52) Chlorobenzene	8.92	112	212691	25.495	ug/L	99
53) Ethylbenzene	9.05	91	359614	25.493	ug/L	100
54) m,p-Xylene	9.18	106	139585	25.472	ug/L	98
55) o-xylene	9.59	106	134416	25.765	ug/L	98
56) Styrene	9.60	104	234934	26.212	ug/L	99
57) Isopropylbenzene	9.97	105	372810	26.056	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.29	83	79087	25.519	ug/L	97
59) 1,2,3-Trichloropropane	10.32	75	63106	25.957	ug/L	97
62) Bromoform	9.77	173	60962	26.085	ug/L	99
63) 1,3-Dichlorobenzene	11.22	146	190984	25.741	ug/L	98
64) 1,4-Dichlorobenzene	11.31	146	193044	25.553	ug/L	99
65) 1,2-Dichlorobenzene	11.69	146	180203	26.109	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.47	75	19143	25.334	ug/L	93
67) 1,3,5-Trichlorobenzene	12.69	180	162805	25.818	ug/L	99
68) 1,2,4-trichlorobenzene	13.31	180	144930	27.207	ug/L	99
69) Naphthalene	13.55	128	297858	29.722	ug/L	99
70) 1,2,3-Trichlorobenzene	13.79	180	136472	27.480	ug/L	99

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



#2

Dichlorodifluoromethane

Concen: 24.252 ug/L

RT: 1.14 min Scan# 15

Delta R.T. -0.00 min

Lab File: VV012104.D

Acq: 03 Aug 2019 11:54

Instrument :

MSVOA_V

ClientSampleId :

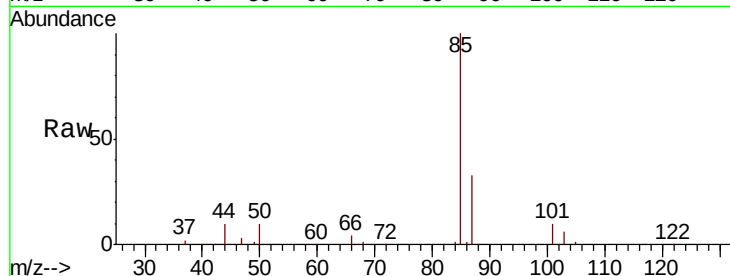
VICV66

Tgt Ion: 85 Resp: 92179

Ion Ratio Lower Upper

85 100

87 32.5 22.7 42.1



Abundance Ion 85.00 (84.70 to 85.70): VV0

Ion 87.00 (86.70 to 87.70): VV0

1.14

100000

80000

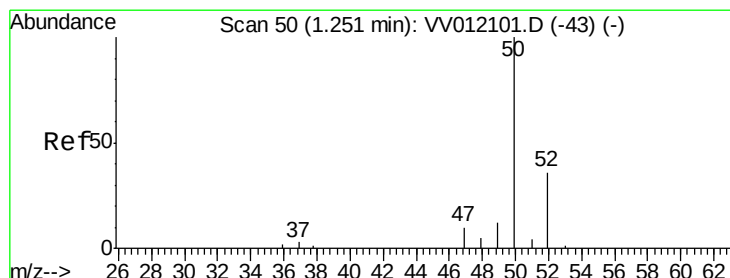
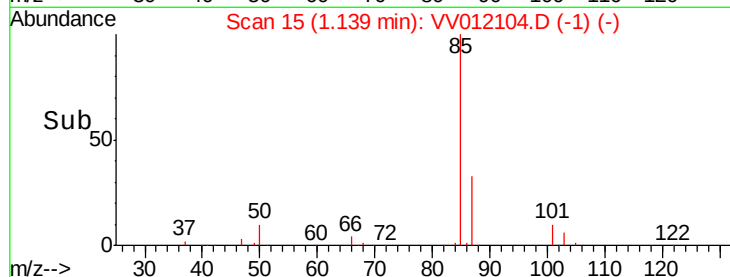
60000

40000

20000

0

Time-->



#3

Chloromethane

Concen: 23.808 ug/L

RT: 1.25 min Scan# 50

Delta R.T. -0.00 min

Lab File: VV012104.D

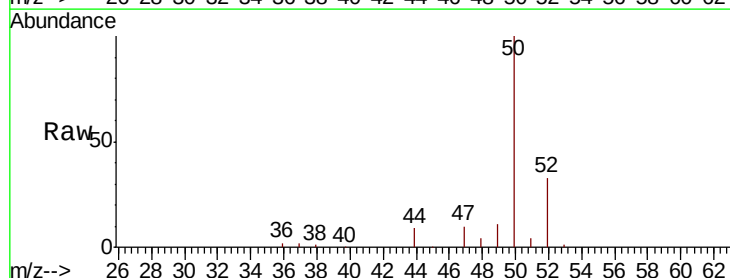
Acq: 03 Aug 2019 11:54

Tgt Ion: 50 Resp: 53848

Ion Ratio Lower Upper

50 100

52 32.6 25.0 46.4



Abundance Ion 50.00 (49.70 to 50.70): VV0

Ion 52.00 (51.70 to 52.70): VV0

1.25

60000

50000

40000

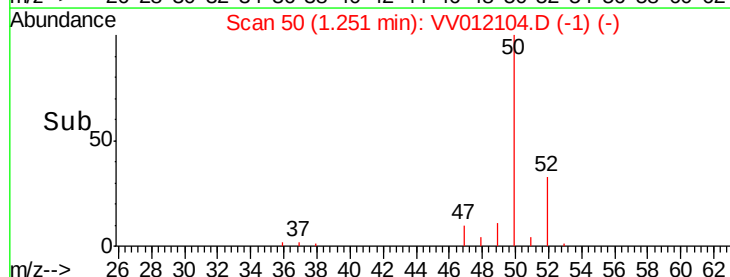
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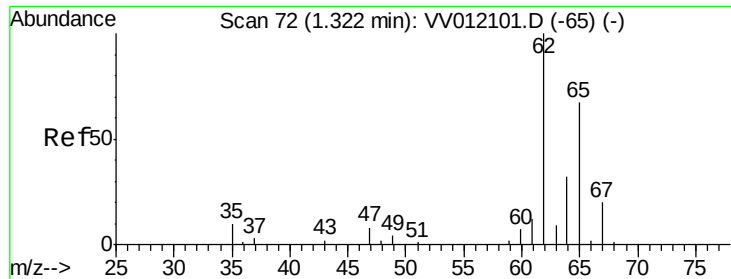
20000

10000

0

Time-->





#5

Vinyl chloride

Concen: 25.552 ug/L

RT: 1.32 min Scan# 72

Delta R.T. -0.00 min

Lab File: VV012104.D

Acq: 03 Aug 2019 11:54

Instrument :

MSVOA_V

ClientSampleId :

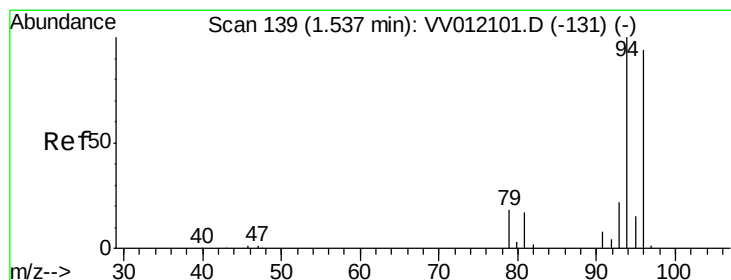
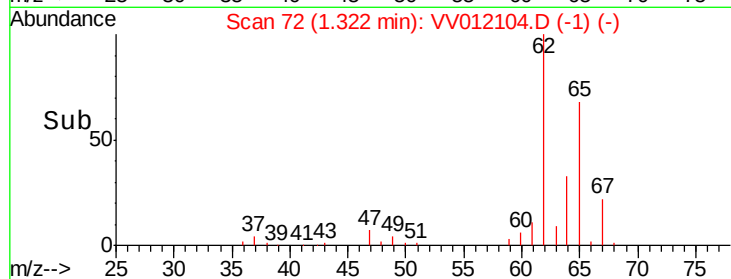
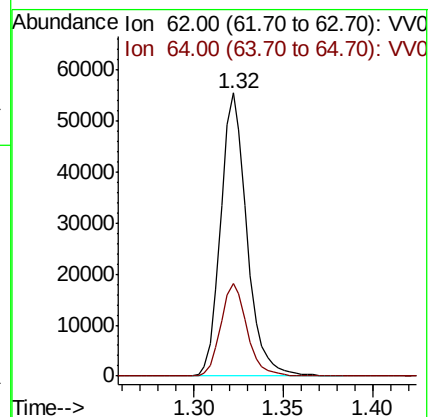
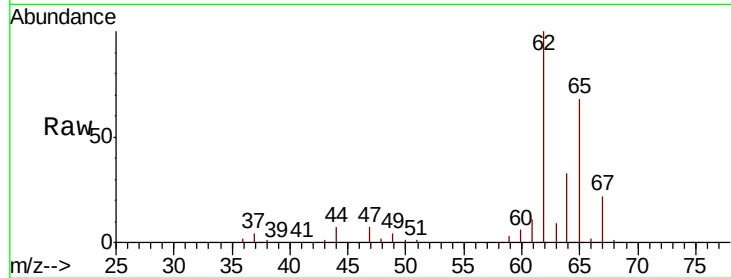
VICV66

Tgt Ion: 62 Resp: 56499

Ion Ratio Lower Upper

62 100

64 32.8 22.5 41.9



#6

Bromomethane

Concen: 25.997 ug/L

RT: 1.54 min Scan# 139

Delta R.T. -0.00 min

Lab File: VV012104.D

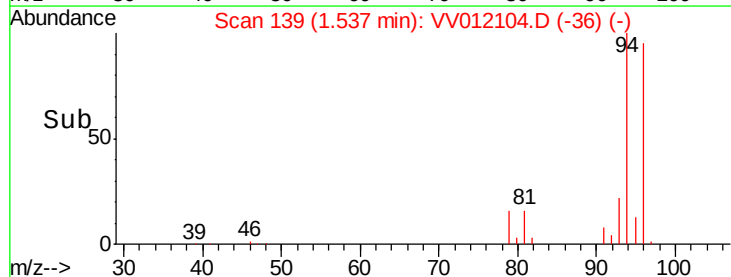
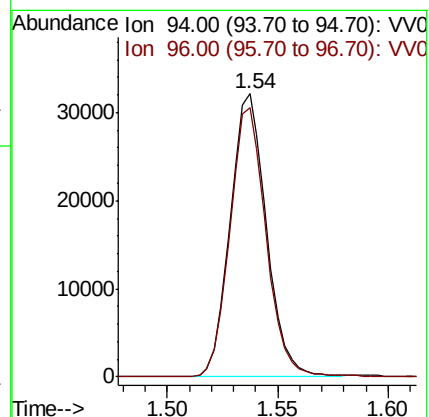
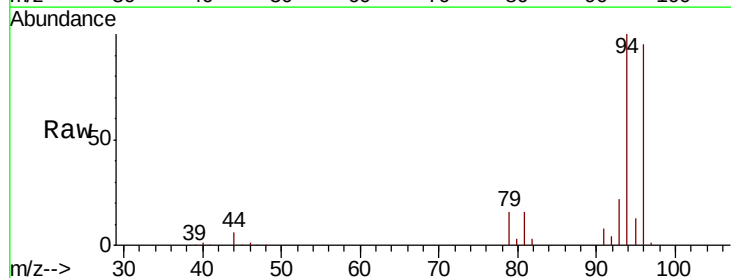
Acq: 03 Aug 2019 11:54

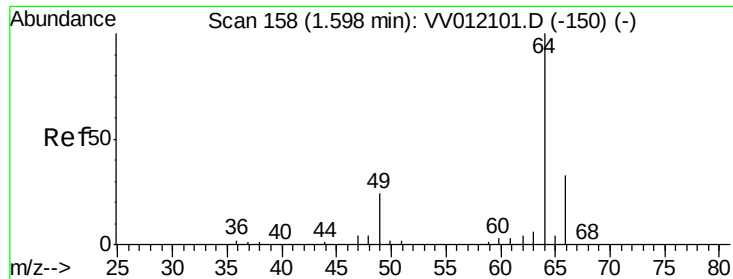
Tgt Ion: 94 Resp: 36599

Ion Ratio Lower Upper

94 100

96 95.3 9.3 176.3

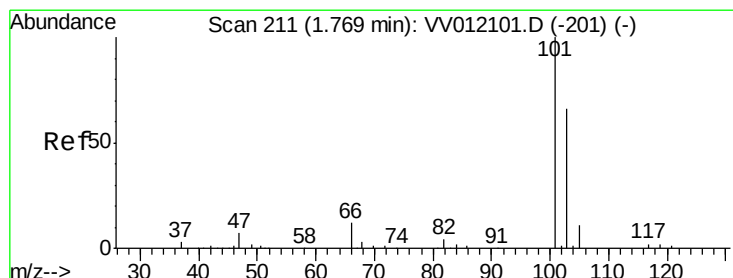
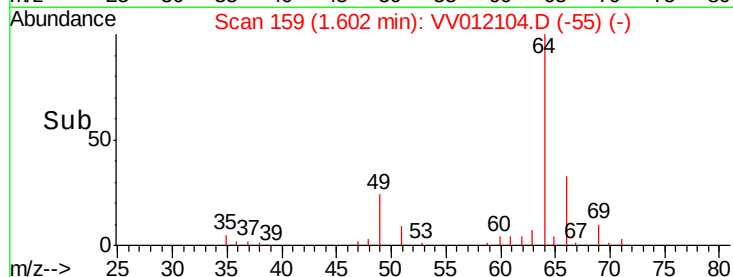
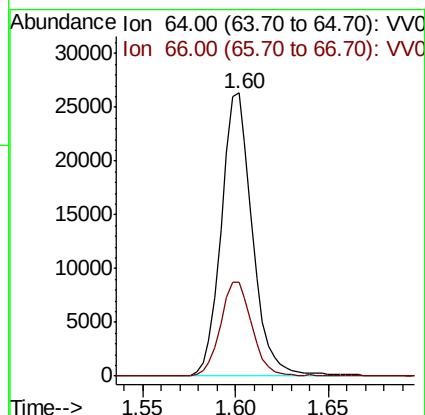
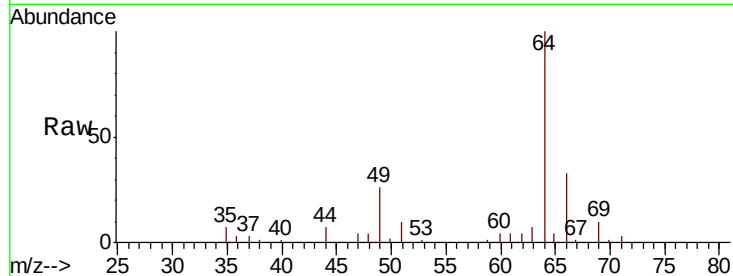




#8
 Chloroethane
 Concen: 24.209 ug/L
 RT: 1.60 min Scan# 159
 Delta R.T. 0.00 min
 Lab File: VV012104.D
 Acq: 03 Aug 2019 11:54

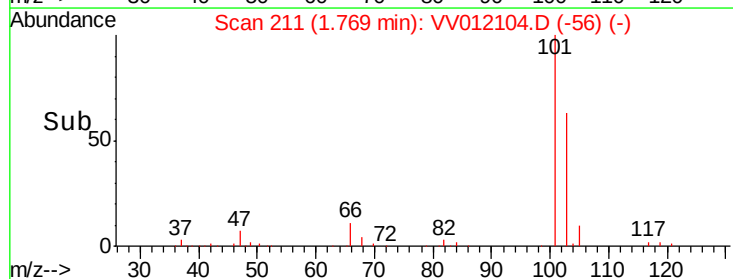
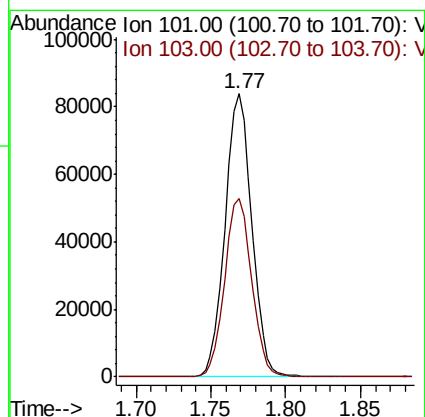
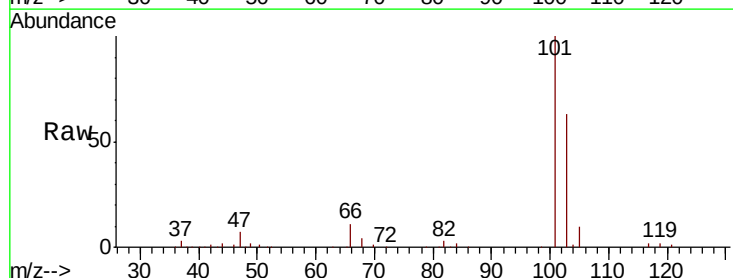
Instrument :
 MSVOA_V
 ClientSampleId :
 VICV66

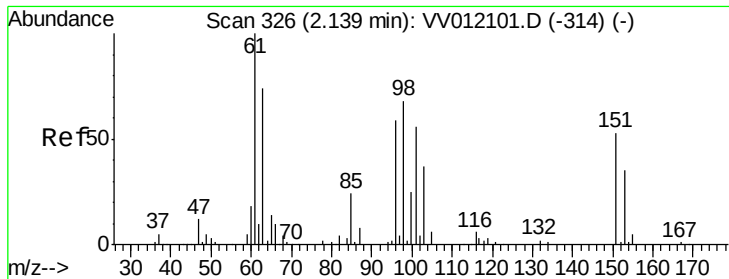
Tgt Ion: 64 Resp: 30638
 Ion Ratio Lower Upper
 64 100
 66 33.1 22.8 42.4



#9
 Trichlorofluoromethane
 Concen: 24.808 ug/L
 RT: 1.77 min Scan# 211
 Delta R.T. -0.00 min
 Lab File: VV012104.D
 Acq: 03 Aug 2019 11:54

Tgt Ion: 101 Resp: 104761
 Ion Ratio Lower Upper
 101 100
 103 63.6 46.3 86.1





#11

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 25.140 ug/L

RT: 2.14 min Scan# 325

Delta R.T. -0.00 min

Lab File: VV012104.D

Acq: 03 Aug 2019 11:54

Instrument :

MSVOA_V

ClientSampled :

VICV66

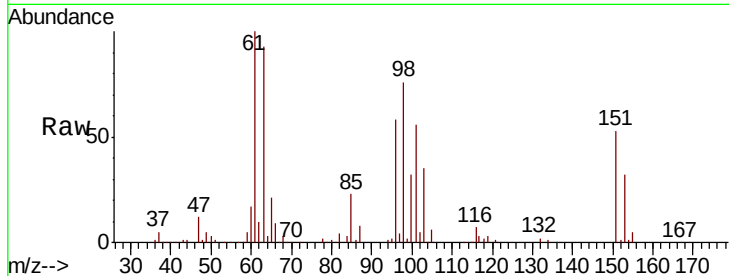
Tgt Ion:101 Resp: 51402

Ion Ratio Lower Upper

101 100

85 40.8 35.0 52.4

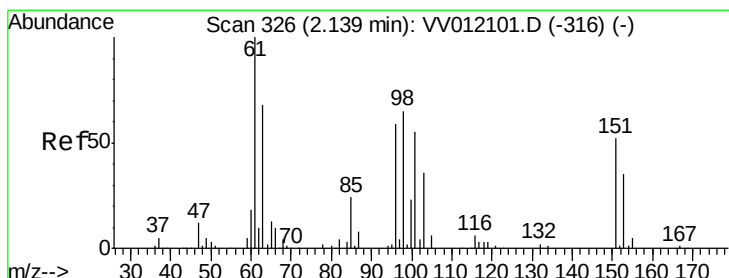
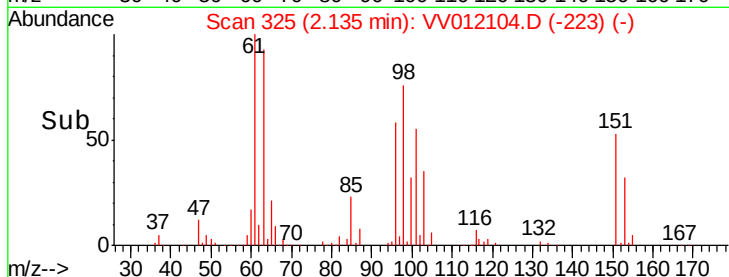
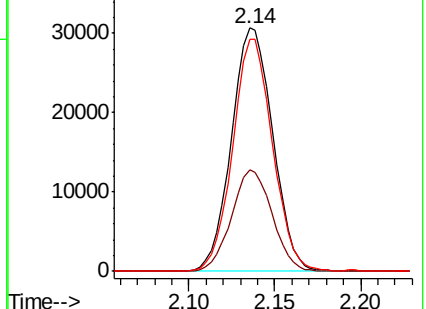
151 91.9 73.6 110.4



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VV0

Ion 151.00 (150.70 to 151.70): V



#12

1,1-Dichloroethene

Concen: 25.698 ug/L

RT: 2.14 min Scan# 326

Delta R.T. -0.00 min

Lab File: VV012104.D

Acq: 03 Aug 2019 11:54

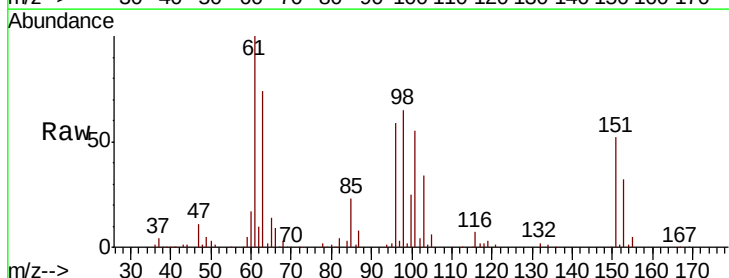
Tgt Ion: 96 Resp: 47097

Ion Ratio Lower Upper

96 100

61 168.2 119.6 222.0

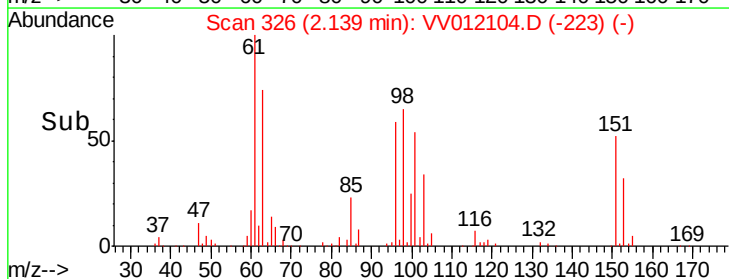
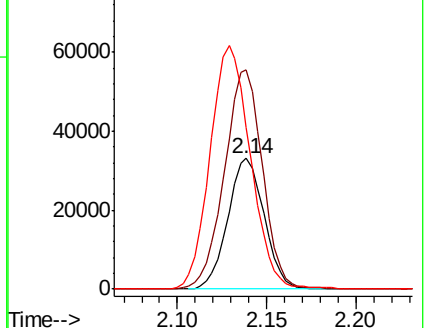
63 123.7 90.2 167.4

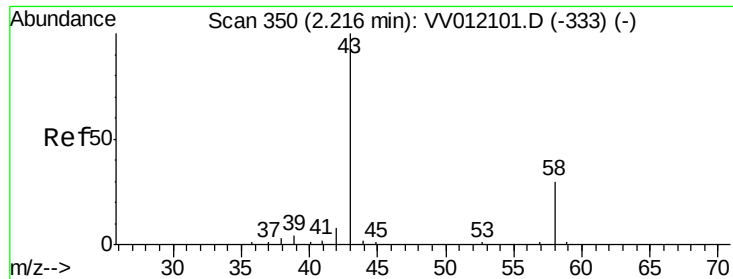


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 63.00 (62.70 to 63.70): VV0





#13

Acetone

Concen: 52.259 ug/L

RT: 2.22 min Scan# 352

Delta R.T. 0.01 min

Lab File: VV012104.D

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Instrument :

MSVOA_V

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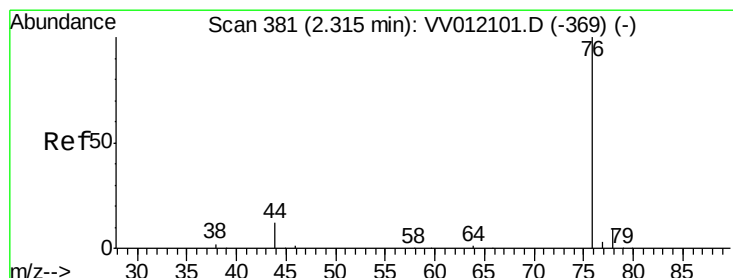
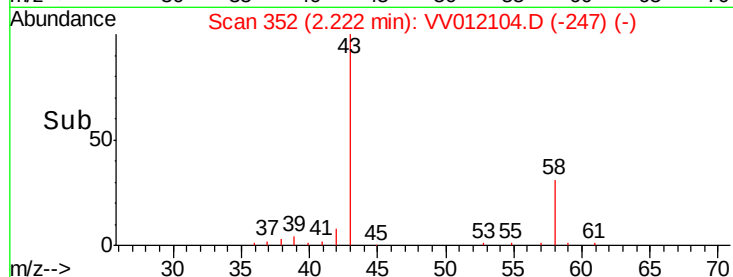
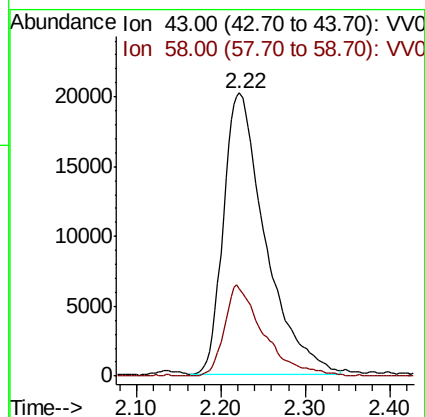
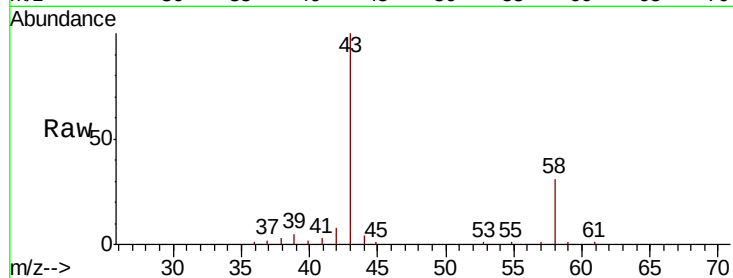
VICV66

Tgt Ion: 43 Resp: 69590

Ion Ratio Lower Upper

43 100

58 29.0 0.0 59.8



#14

Carbon disulfide

Concen: 25.057 ug/L

RT: 2.32 min Scan# 381

Delta R.T. -0.00 min

Lab File: VV012104.D

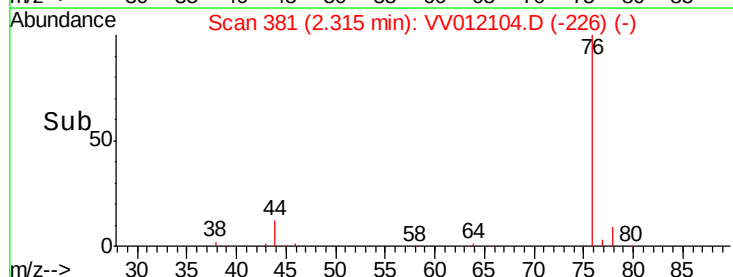
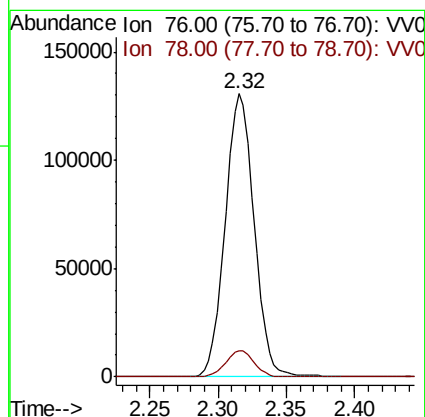
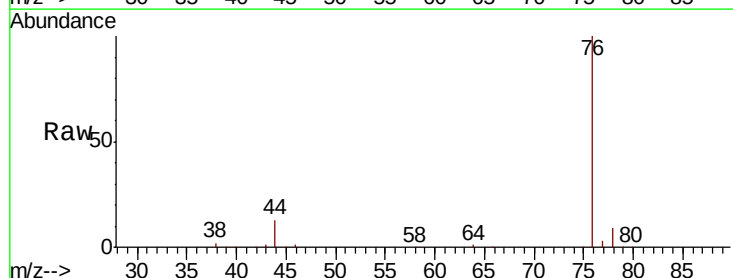
Acq: 03 Aug 2019 11:54

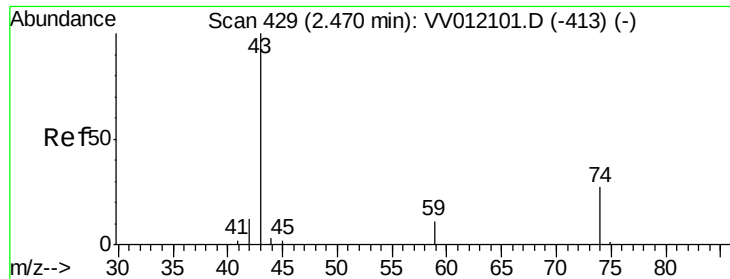
Tgt Ion: 76 Resp: 193041

Ion Ratio Lower Upper

76 100

78 9.4 7.4 11.2

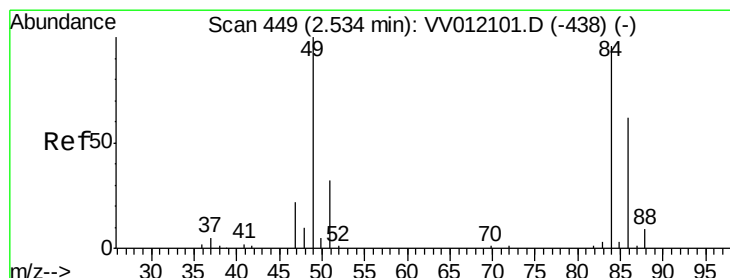
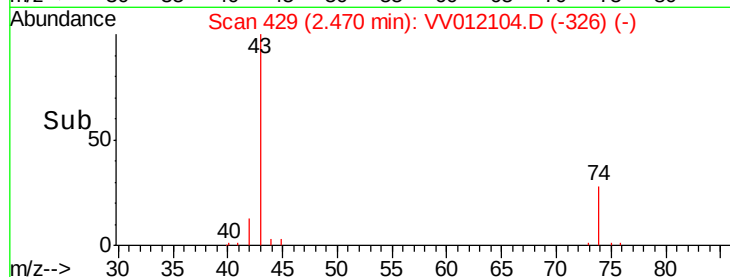
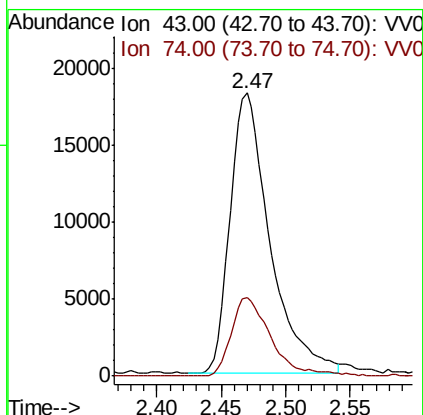
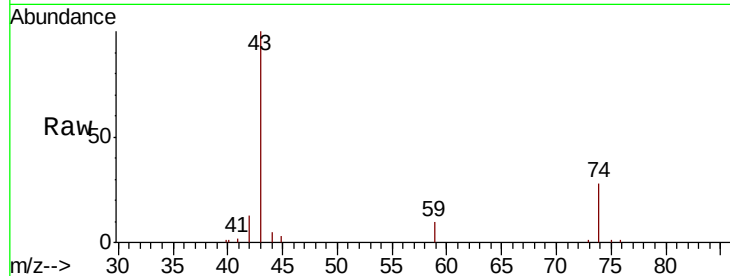




#15
Methyl Acetate
Concen: 25.189 ug/L
RT: 2.47 min Scan# 429
Delta R.T. -0.00 min
Lab File: VV012104.D
Acq: 03 Aug 2019 11:54

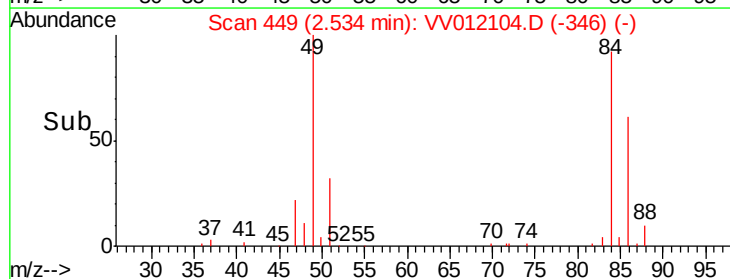
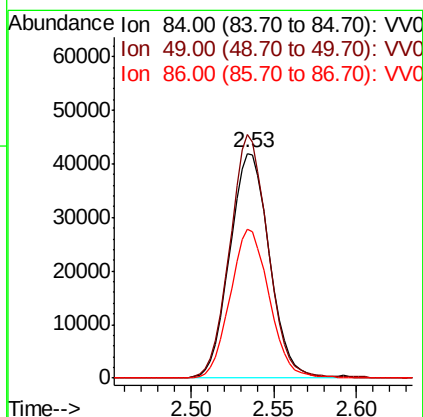
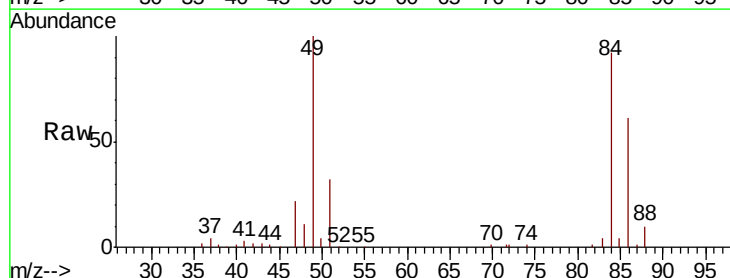
Instrument :
MSVOA_V
ClientSampleId :
VICV66

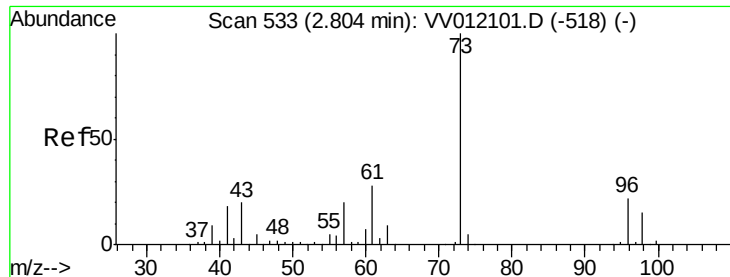
Tgt Ion: 43 Resp: 39249
Ion Ratio Lower Upper
43 100
74 27.6 21.9 32.9



#16
Methylene chloride
Concen: 24.261 ug/L
RT: 2.53 min Scan# 449
Delta R.T. -0.00 min
Lab File: VV012104.D
Acq: 03 Aug 2019 11:54

Tgt Ion: 84 Resp: 69771
Ion Ratio Lower Upper
84 100
49 108.3 73.0 135.6
86 66.5 44.9 83.3

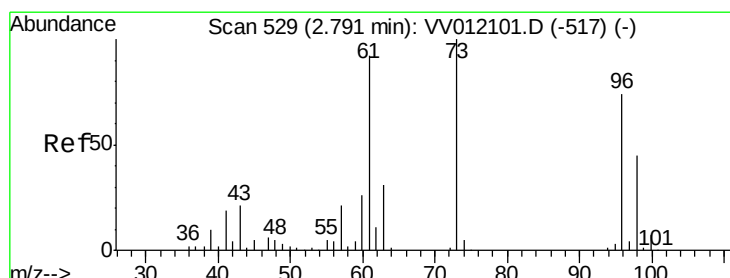
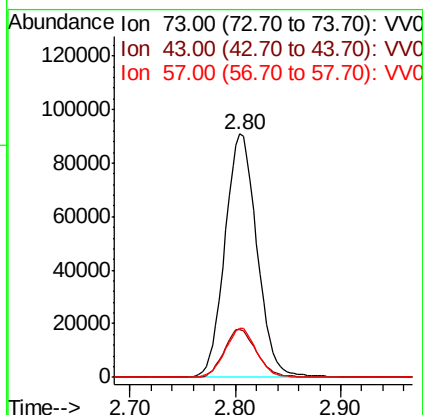
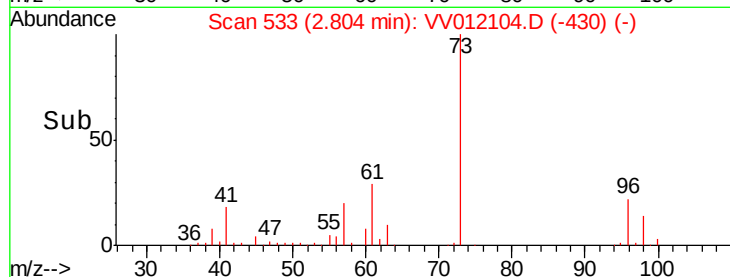
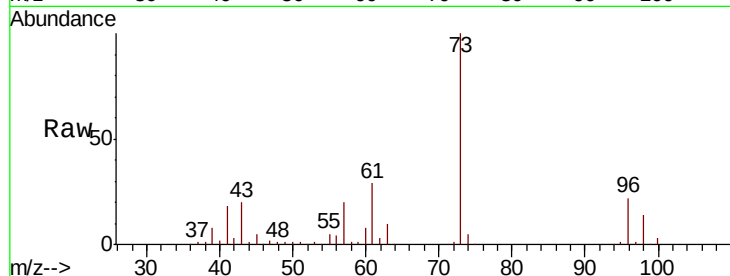




#17
Methyl tert-butyl Ether
Concen: 25.466 ug/L
RT: 2.80 min Scan# 533
Delta R.T. -0.00 min
Lab File: VV012104.D
Acq: 03 Aug 2019 11:54

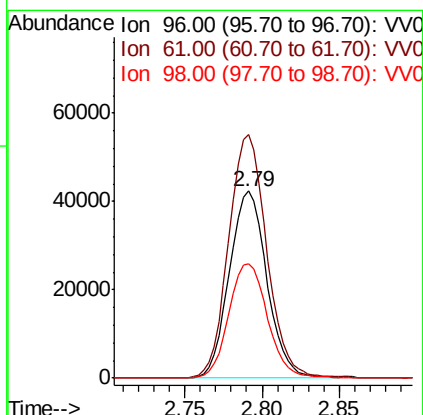
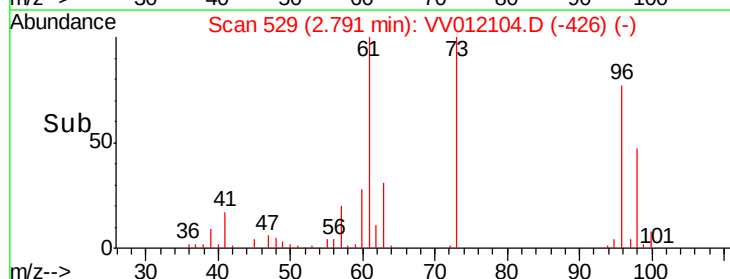
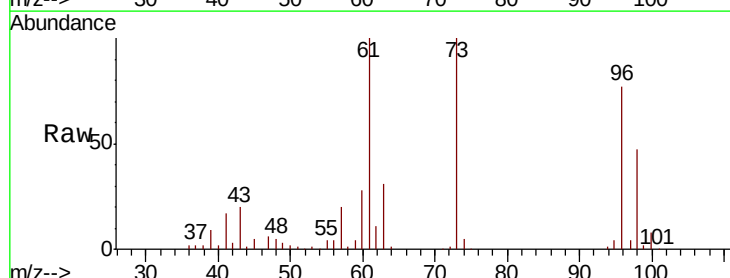
Instrument :
MSVOA_V
ClientSampled :
VICV66

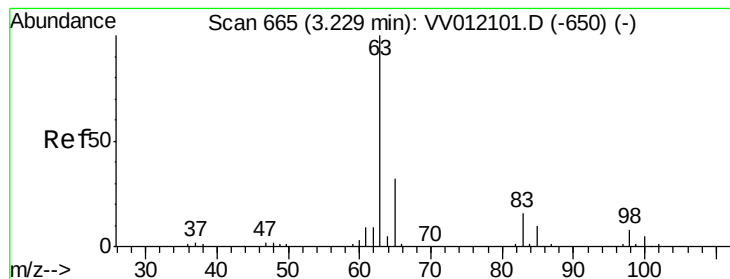
Tgt Ion: 73 Resp: 191054
Ion Ratio Lower Upper
73 100
43 20.1 16.4 24.6
57 19.8 15.9 23.9



#18
trans-1,2-Dichloroethene
Concen: 25.192 ug/L
RT: 2.79 min Scan# 529
Delta R.T. -0.00 min
Lab File: VV012104.D
Acq: 03 Aug 2019 11:54

Tgt Ion: 96 Resp: 71476
Ion Ratio Lower Upper
96 100
61 130.4 86.9 161.5
98 61.6 42.9 79.7





#19

1,1-Dichloroethane

Concen: 25.521 ug/L

RT: 3.23 min Scan# 665

Delta R.T. -0.00 min

Lab File: VV012104.D

Acq: 03 Aug 2019 11:54

Instrument :

MSVOA_V

ClientSampleId :

VICV66

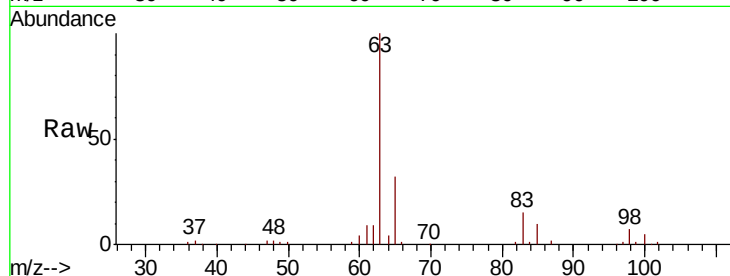
Tgt Ion: 63 Resp: 117836

Ion Ratio Lower Upper

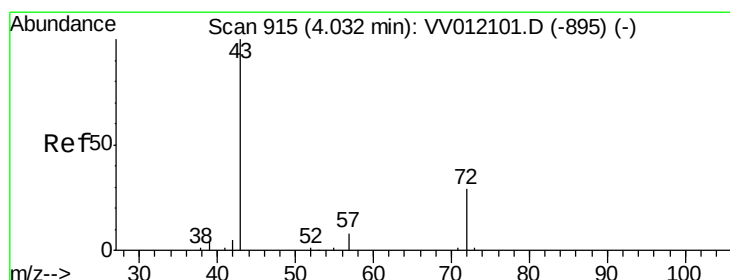
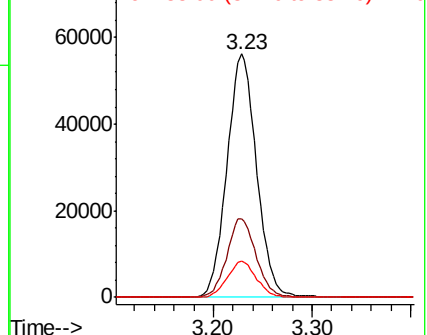
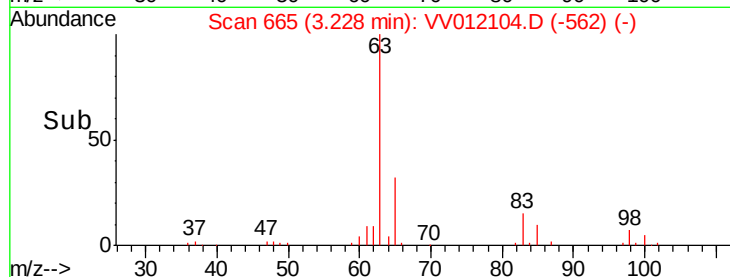
63 100

65 32.5 22.1 41.1

83 15.0 10.9 20.2



Abundance Ion 63.00 (62.70 to 63.70): VV012104.D (-562) (-)



#21

2-Butanone

Concen: 56.299 ug/L

RT: 4.04 min Scan# 917

Delta R.T. 0.01 min

Lab File: VV012104.D

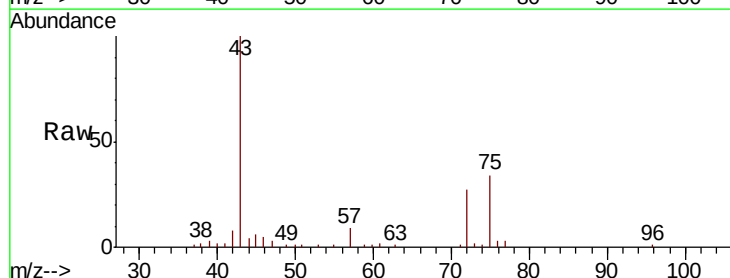
Acq: 03 Aug 2019 11:54

Tgt Ion: 43 Resp: 74962

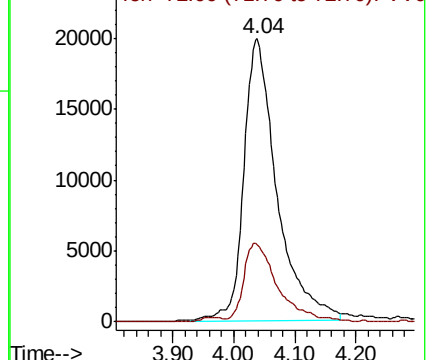
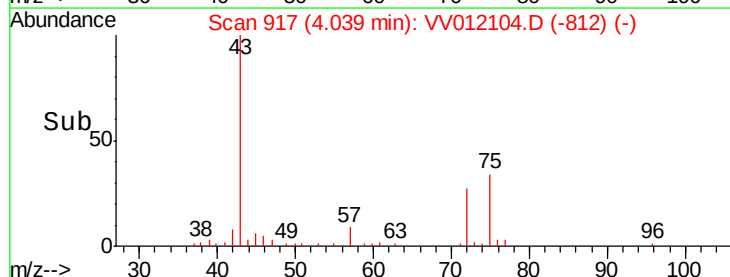
Ion Ratio Lower Upper

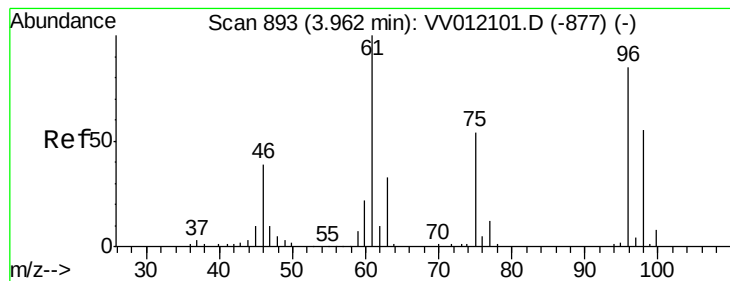
43 100

72 25.8 13.6 40.8



Abundance Ion 43.00 (42.70 to 43.70): VV012104.D (-812) (-)



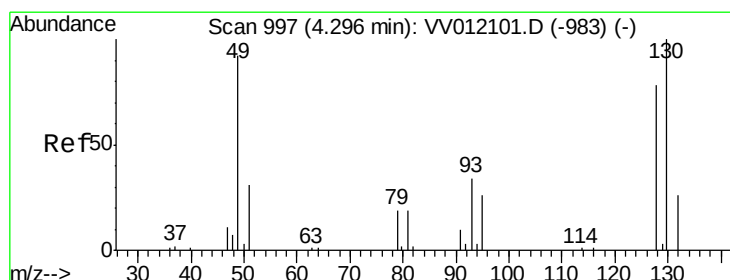
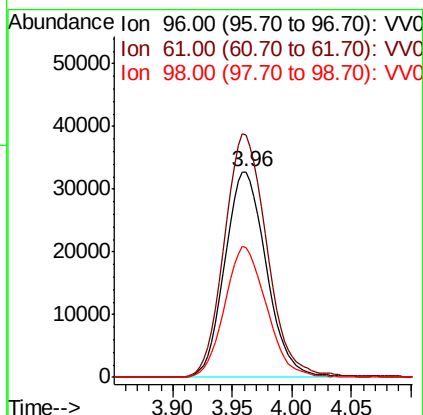
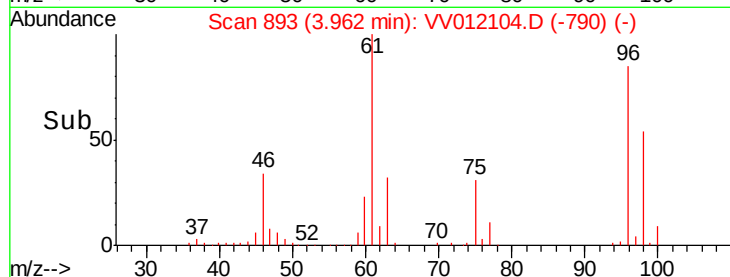
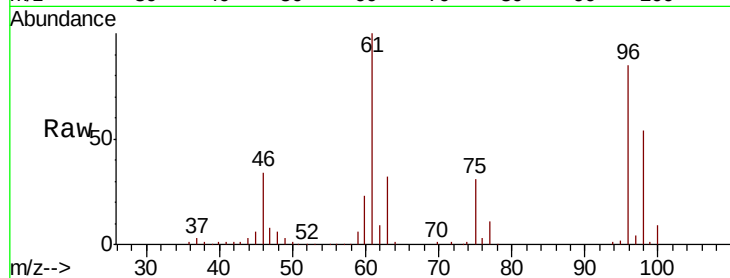


#22

cis-1,2-Dichloroethene
Concen: 25.560 ug/L
RT: 3.96 min Scan# 893
Delta R.T. -0.00 min
Lab File: VV012104.D
Acq: 03 Aug 2019 11:54

Instrument :
MSVOA_V
ClientSampled :
VICV66

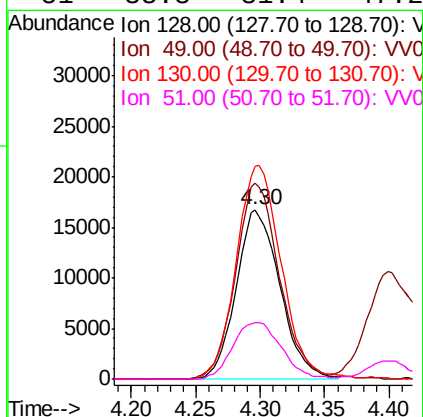
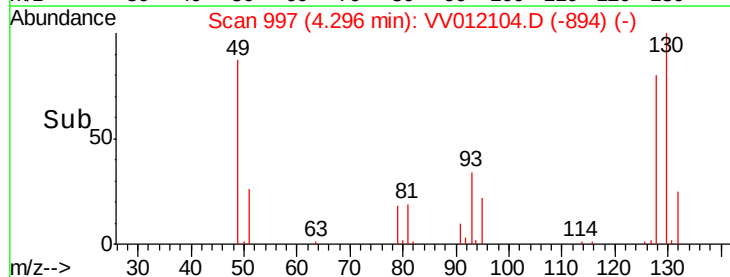
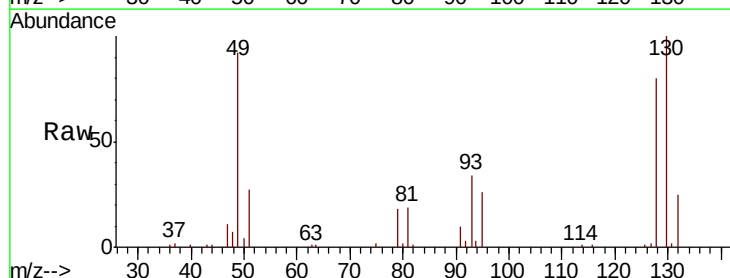
Tgt Ion: 96 Resp: 79095
Ion Ratio Lower Upper
96 100
61 117.8 82.4 153.0
98 63.3 45.3 84.1

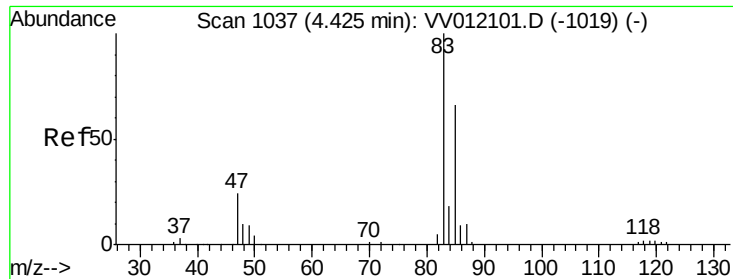


#23

Bromochloromethane
Concen: 25.940 ug/L
RT: 4.30 min Scan# 997
Delta R.T. -0.00 min
Lab File: VV012104.D
Acq: 03 Aug 2019 11:54

Tgt Ion: 128 Resp: 39629
Ion Ratio Lower Upper
128 100
49 115.8 83.9 155.7
130 125.2 90.0 167.2
51 33.3 31.4 47.2

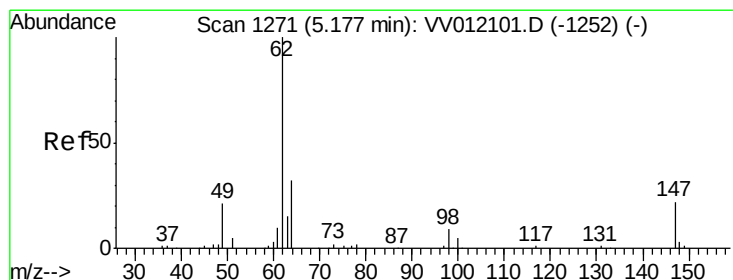
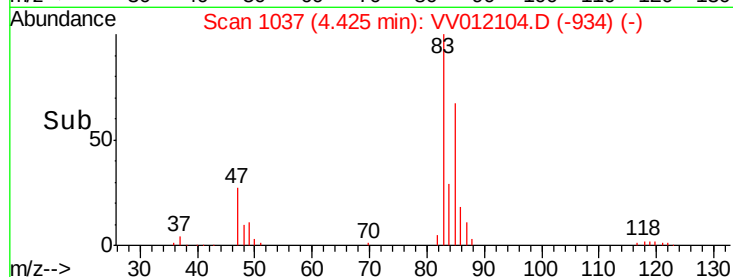
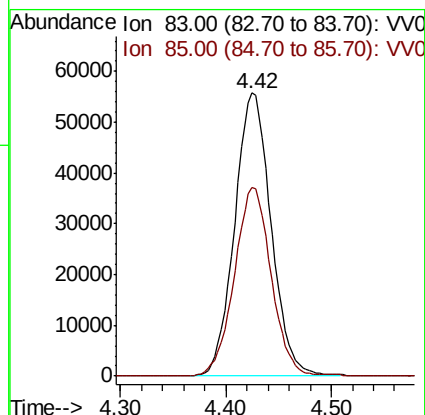
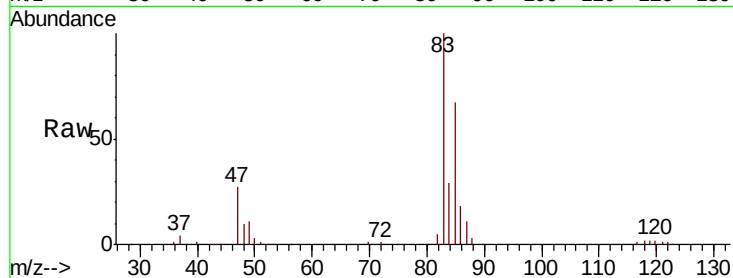




#25
Chloroform
Concen: 24.849 ug/L
RT: 4.42 min Scan# 1037
Delta R.T. -0.00 min
Lab File: VV012104.D
Acq: 03 Aug 2019 11:54

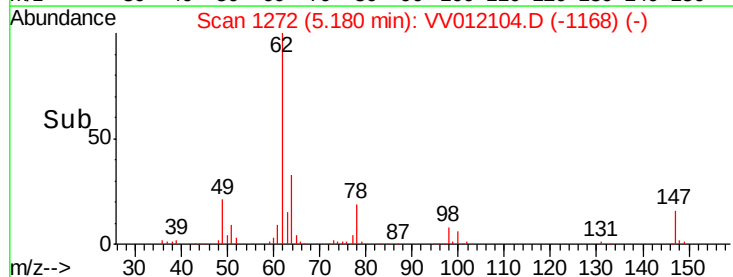
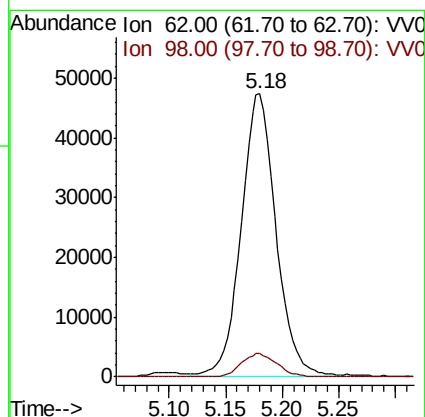
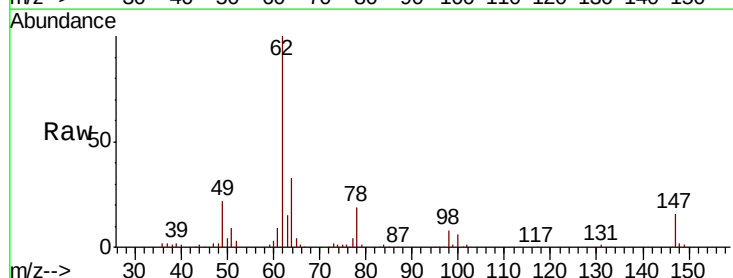
Instrument :
MSVOA_V
ClientSampleId :
VICV66

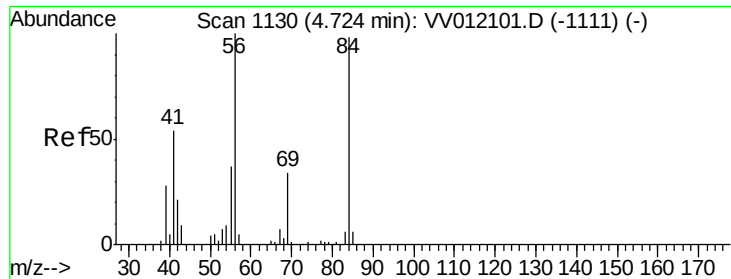
Tgt Ion: 83 Resp: 133680
Ion Ratio Lower Upper
83 100
85 67.5 46.2 85.8



#27
1,2-Dichloroethane
Concen: 25.845 ug/L
RT: 5.18 min Scan# 1272
Delta R.T. 0.00 min
Lab File: VV012104.D
Acq: 03 Aug 2019 11:54

Tgt Ion: 62 Resp: 102194
Ion Ratio Lower Upper
62 100
98 8.3 7.0 10.4

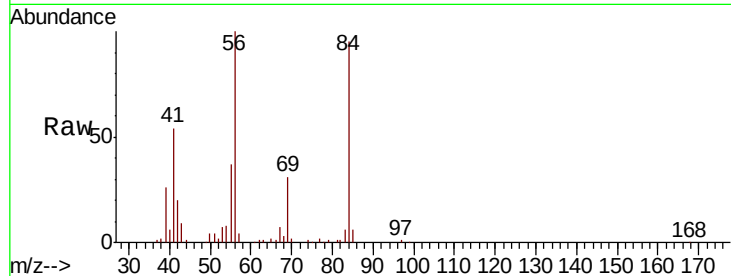




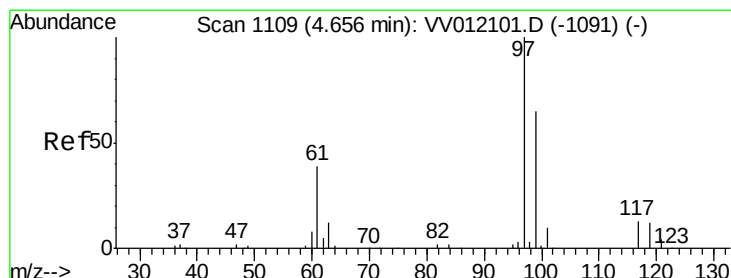
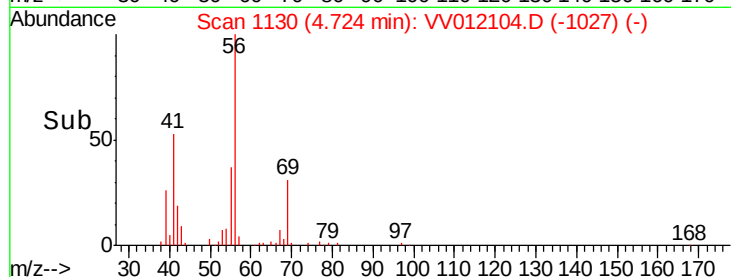
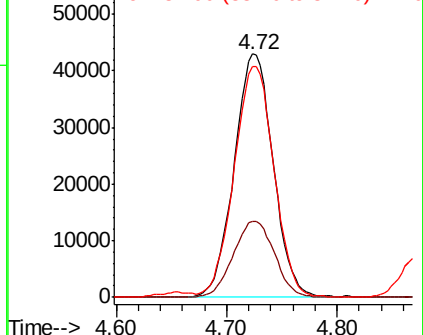
#30
Cyclohexane
Concen: 25.567 ug/L
RT: 4.72 min Scan# 1130
Delta R.T. -0.00 min
Lab File: VV012104.D
Acq: 03 Aug 2019 11:54

Instrument :
MSVOA_V
ClientSampleId :
VICV66

Tgt Ion: 56 Resp: 105427
Ion Ratio Lower Upper
56 100
69 33.1 27.4 41.0
84 94.7 78.6 118.0

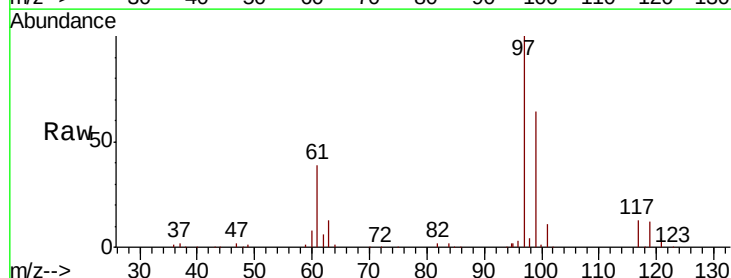


Abundance Ion 56.00 (55.70 to 56.70): VV0
Ion 69.00 (68.70 to 69.70): VV0
Ion 84.00 (83.70 to 84.70): VV0

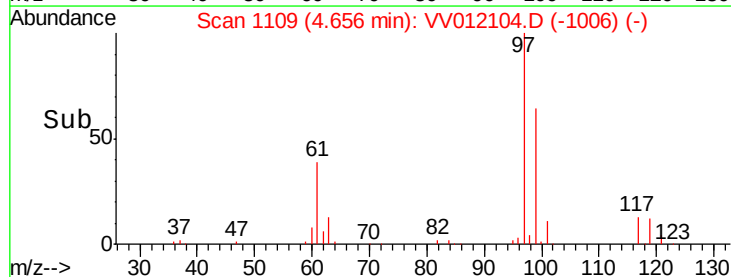
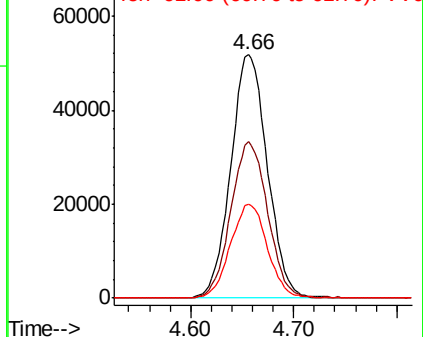


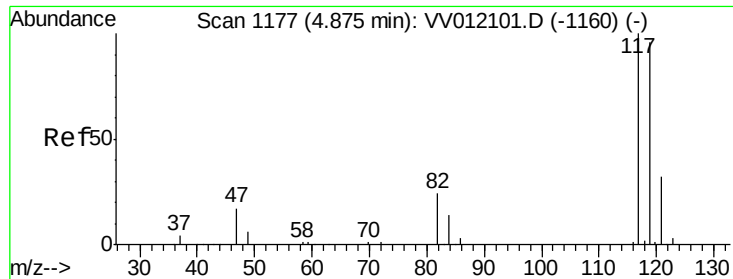
#31
1,1,1-Trichloroethane
Concen: 24.677 ug/L
RT: 4.66 min Scan# 1109
Delta R.T. -0.00 min
Lab File: VV012104.D
Acq: 03 Aug 2019 11:54

Tgt Ion: 97 Resp: 127692
Ion Ratio Lower Upper
97 100
99 64.8 51.6 77.4
61 39.2 30.6 46.0



Abundance Ion 97.00 (96.70 to 97.70): VV0
Ion 99.00 (98.70 to 99.70): VV0
Ion 61.00 (60.70 to 61.70): VV0





#32

Carbon tetrachloride

Concen: 24.455 ug/L

RT: 4.87 min Scan# 1177

Delta R.T. -0.00 min

Lab File: VV012104.D

Acq: 03 Aug 2019 11:54

Instrument :

MSVOA_V

ClientSampleId :

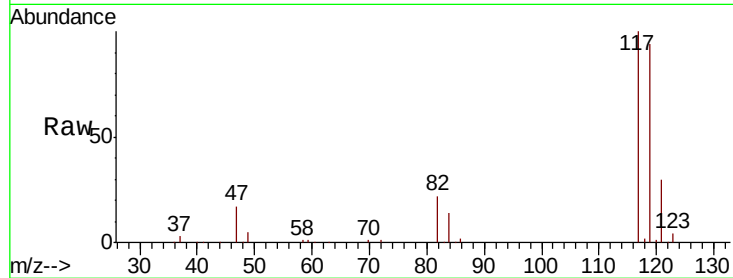
VICV66

Tgt Ion:117 Resp: 121565

Ion Ratio Lower Upper

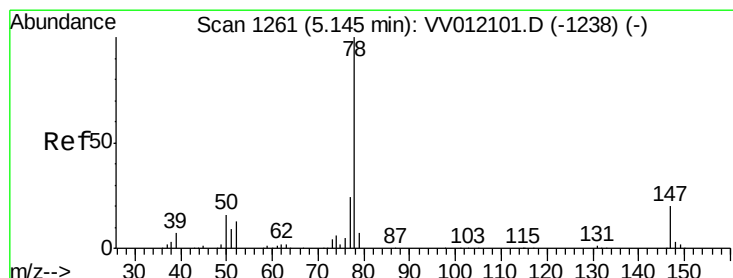
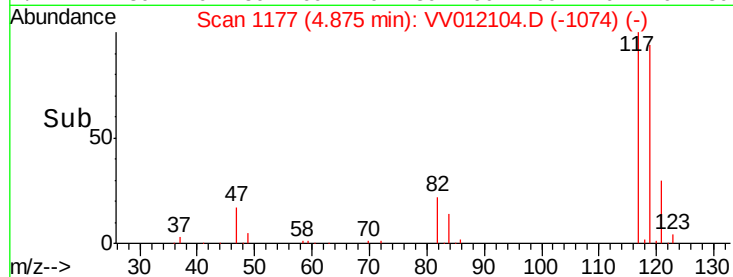
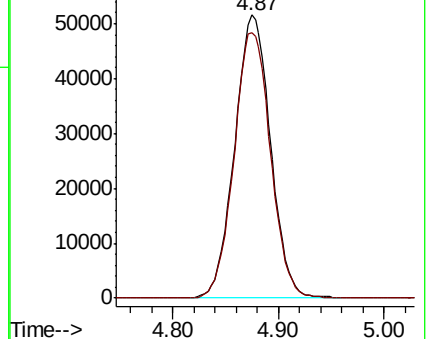
117 100

119 95.6 76.9 115.3



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V



#34

Benzene

Concen: 25.213 ug/L

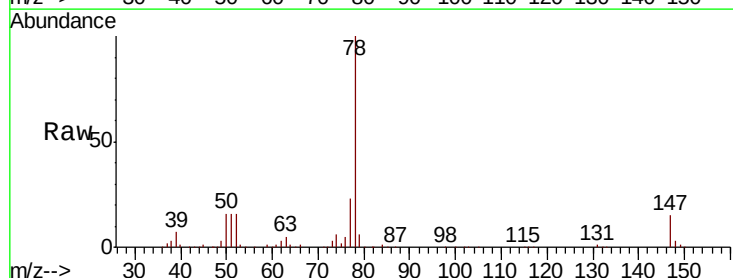
RT: 5.15 min Scan# 1262

Delta R.T. 0.00 min

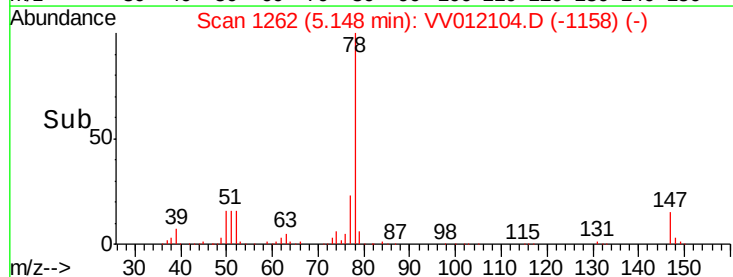
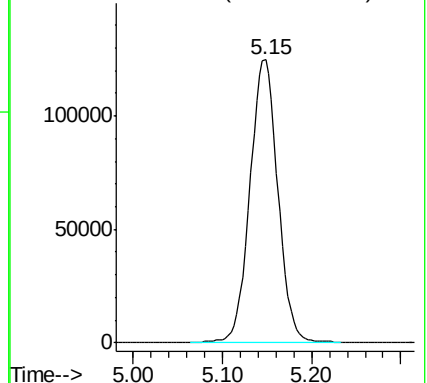
Lab File: VV012104.D

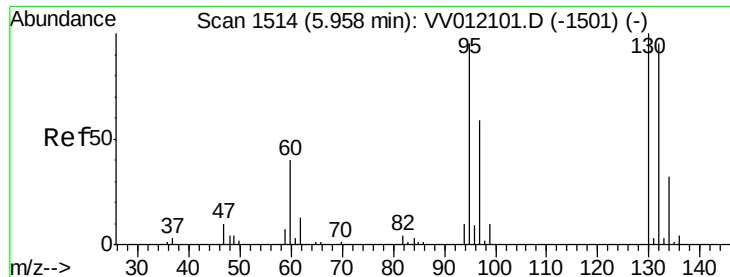
Acq: 03 Aug 2019 11:54

Tgt Ion: 78 Resp: 273329



Abundance Ion 78.00 (77.70 to 78.70): VV0





#35

Trichloroethene

Concen: 25.330 ug/L

RT: 5.96 min Scan# 1514

Delta R.T. -0.00 min

Lab File: VV012104.D

Acq: 03 Aug 2019 11:54

Instrument :

MSVOA_V

ClientSampleId :

VICV66

Tgt Ion: 95 Resp: 79020

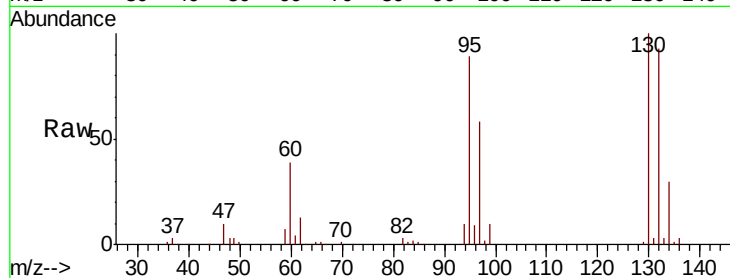
Ion Ratio Lower Upper

95 100

97 65.4 45.4 84.2

132 105.3 71.8 133.4

130 111.9 75.6 140.4

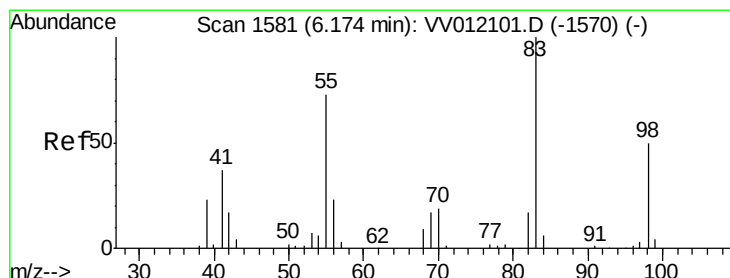
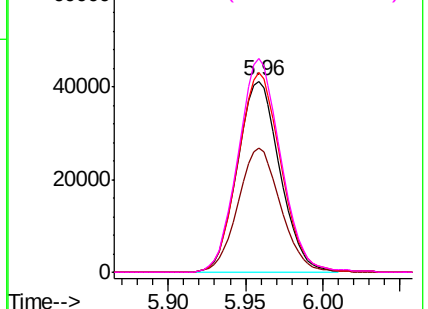
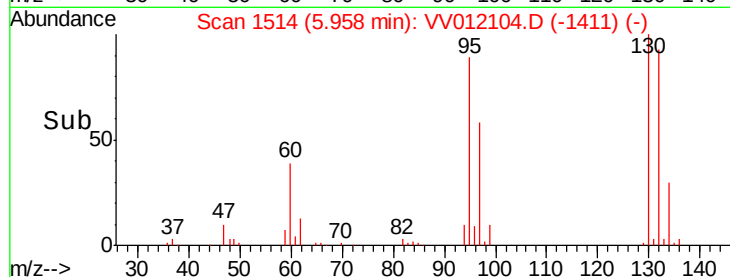


Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 97.00 (96.70 to 97.70): VV0

Ion 132.00 (131.70 to 132.70): VV0

Ion 130.00 (129.70 to 130.70): VV0



#36

Methylcyclohexane

Concen: 25.597 ug/L

RT: 6.18 min Scan# 1582

Delta R.T. 0.00 min

Lab File: VV012104.D

Acq: 03 Aug 2019 11:54

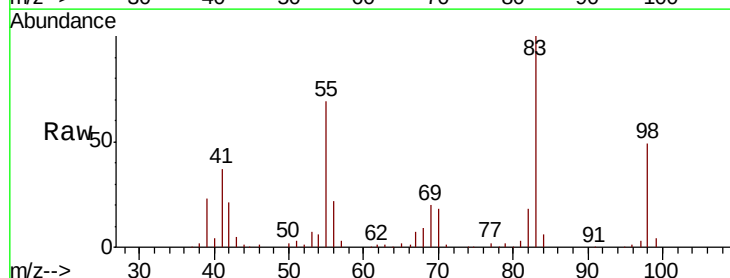
Tgt Ion: 83 Resp: 129442

Ion Ratio Lower Upper

83 100

55 69.1 56.2 84.2

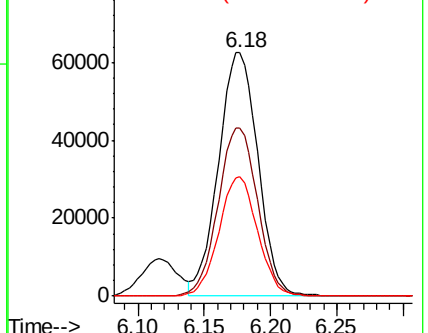
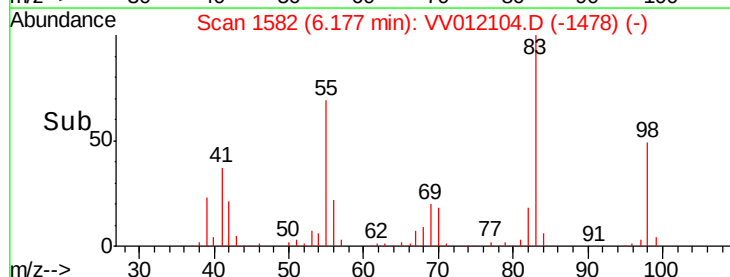
98 47.6 37.8 56.8

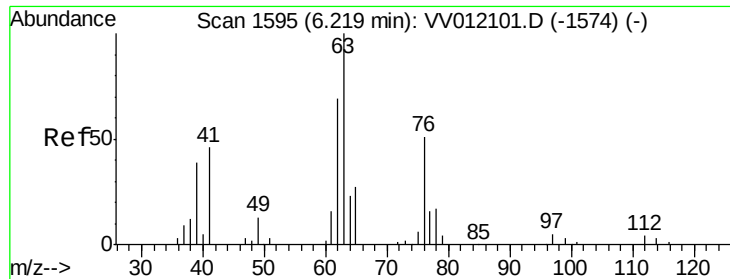


Abundance Ion 83.00 (82.70 to 83.70): VV0

Ion 55.00 (54.70 to 55.70): VV0

Ion 98.00 (97.70 to 98.70): VV0

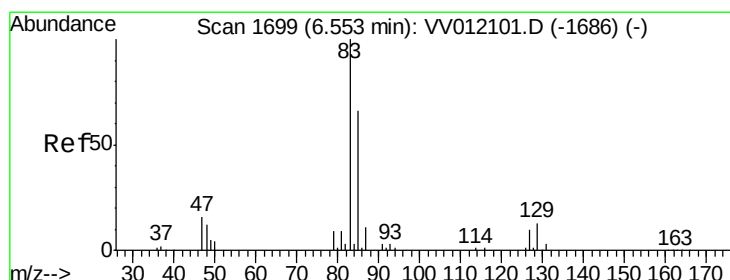
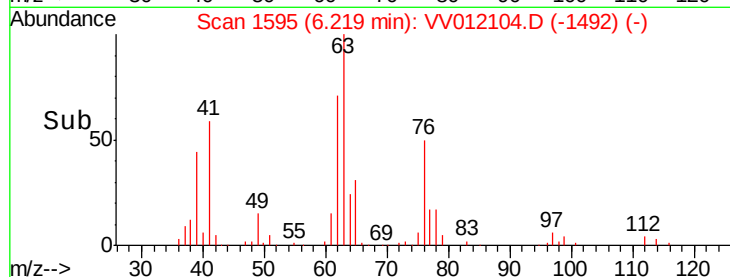
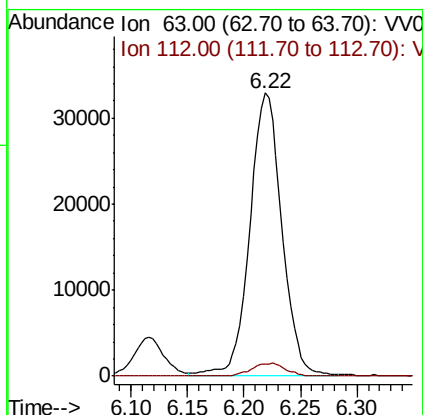
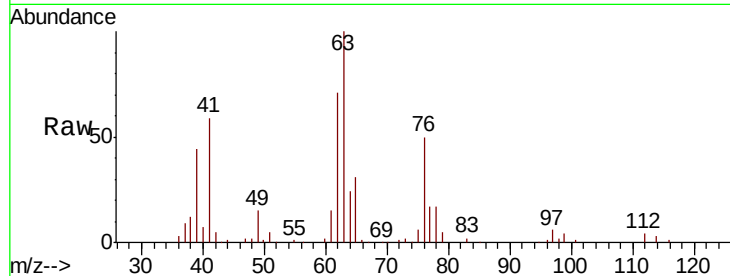




#40
 1,2-Dichloropropane
 Concen: 25.976 ug/L
 RT: 6.22 min Scan# 1595
 Delta R.T. -0.00 min
 Lab File: VV012104.D
 Acq: 03 Aug 2019 11:54

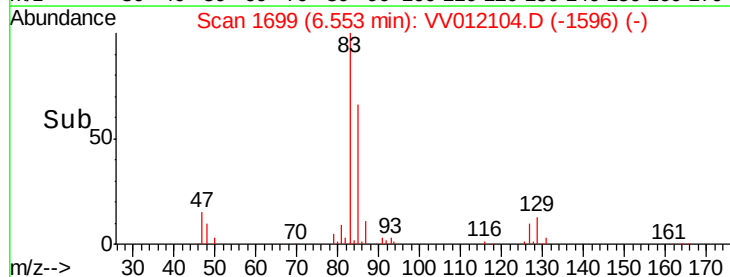
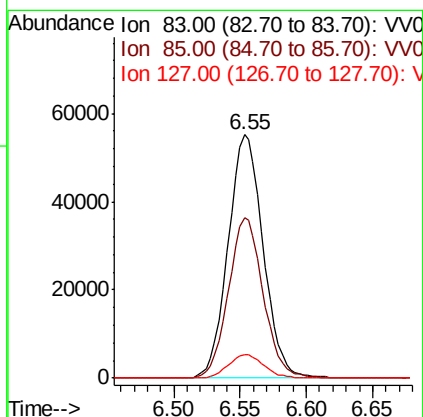
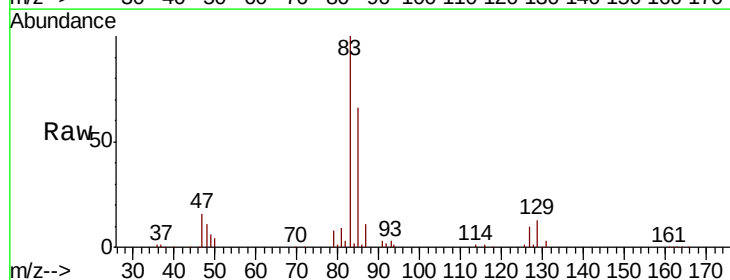
Instrument :
 MSVOA_V
 ClientSampleId :
 VICV66

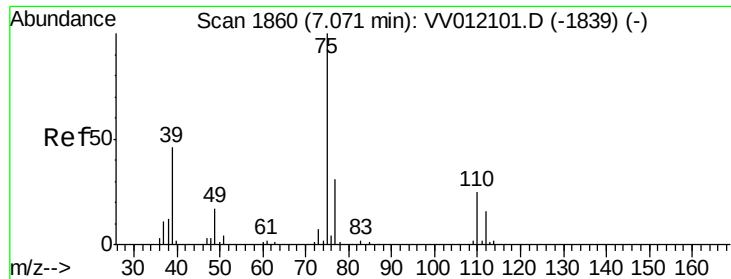
Tgt Ion: 63 Resp: 65205
 Ion Ratio Lower Upper
 63 100
 112 4.7 3.9 5.9



#41
 Bromodichloromethane
 Concen: 25.315 ug/L
 RT: 6.55 min Scan# 1699
 Delta R.T. -0.00 min
 Lab File: VV012104.D
 Acq: 03 Aug 2019 11:54

Tgt Ion: 83 Resp: 101416
 Ion Ratio Lower Upper
 83 100
 85 65.9 46.5 86.3
 127 10.6 7.9 11.9





#42

cis-1,3-Dichloropropene

Concen: 25.634 ug/L

RT: 7.07 min Scan# 1860

Delta R.T. -0.00 min

Lab File: VV012104.D

Acq: 03 Aug 2019 11:54

Instrument :

MSVOA_V

ClientSampleId :

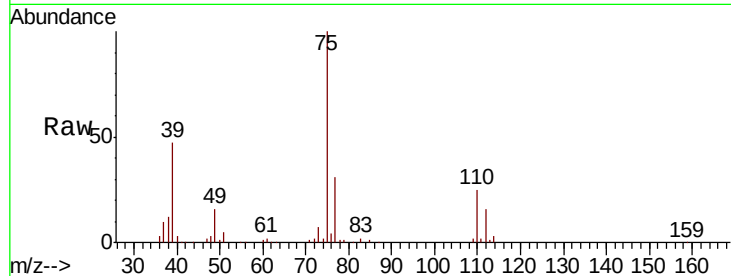
VICV66

Tgt Ion: 75 Resp: 118740

Ion Ratio Lower Upper

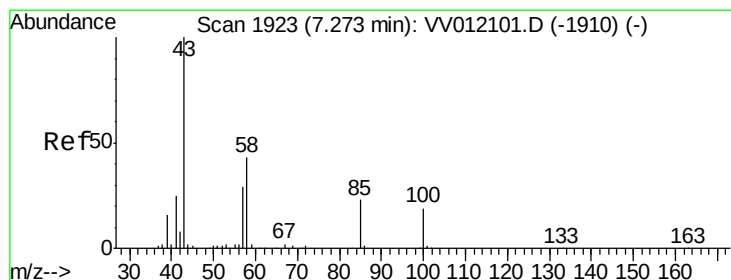
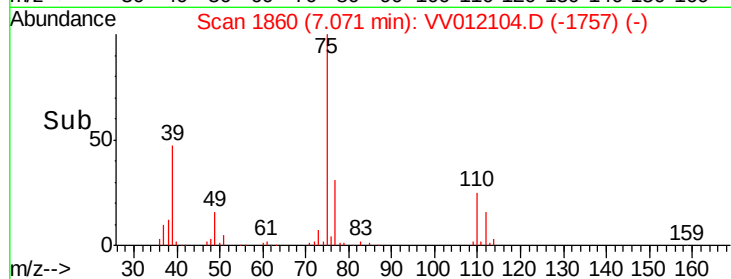
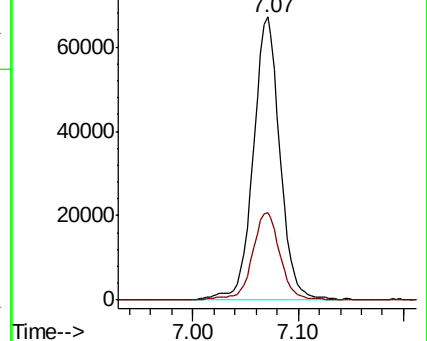
75 100

77 30.9 21.7 40.3



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0



#43

4-Methyl-2-pentanone

Concen: 52.689 ug/L

RT: 7.27 min Scan# 1923

Delta R.T. -0.00 min

Lab File: VV012104.D

Acq: 03 Aug 2019 11:54

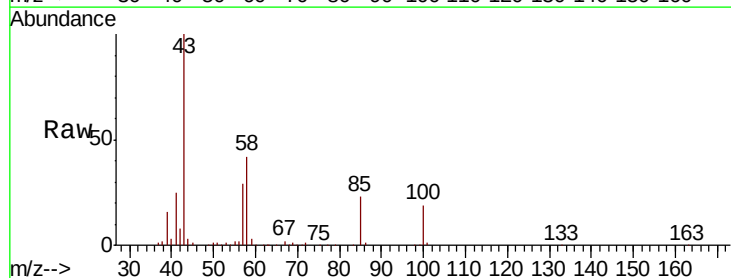
Tgt Ion: 43 Resp: 116636

Ion Ratio Lower Upper

43 100

58 41.9 33.9 50.9

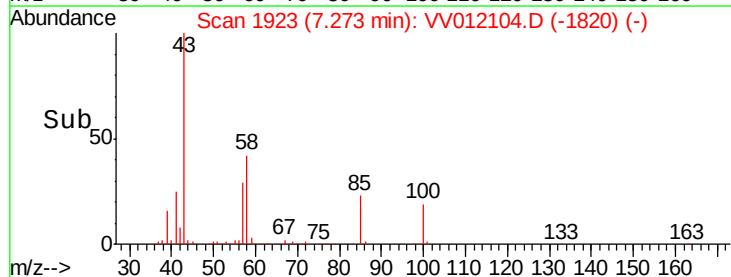
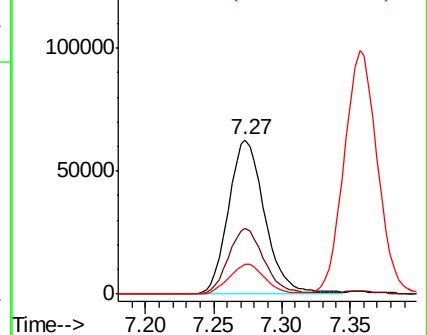
100 19.1 14.9 22.3

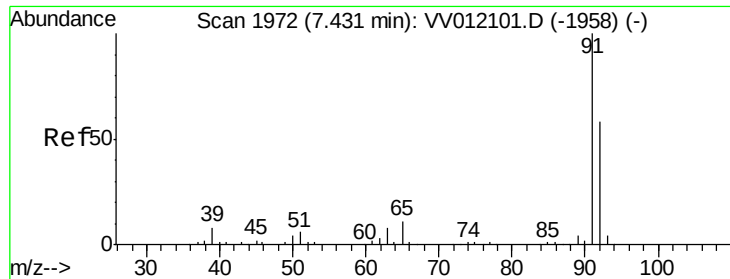


Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0

Ion 100.00 (99.70 to 100.70): VV0





#44

Toluene

Concen: 25.399 ug/L

RT: 7.43 min Scan# 1972

Delta R.T. -0.00 min

Lab File: VV012104.D

Acq: 03 Aug 2019 11:54

Instrument :

MSVOA_V

ClientSampleId :

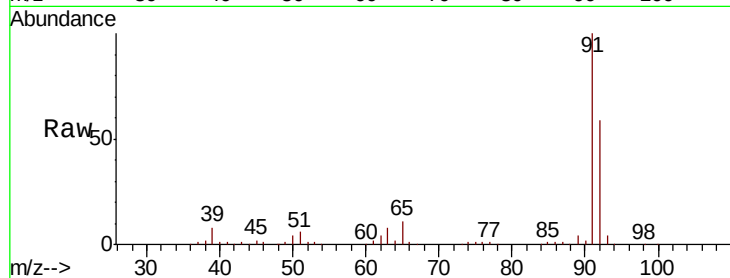
VICV66

Tgt Ion: 91 Resp: 312657

Ion Ratio Lower Upper

91 100

92 59.4 40.4 75.0



Abundance Ion 91.00 (90.70 to 91.70): VV0

Ion 92.00 (91.70 to 92.70): VV0

7.43

200000

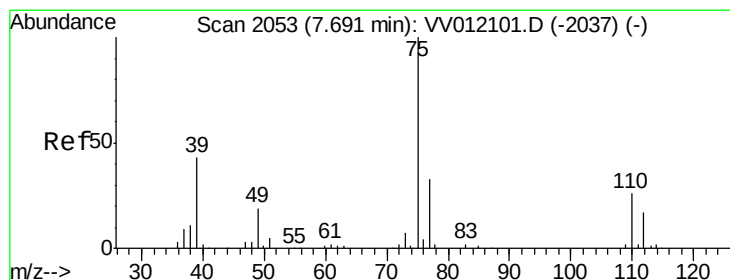
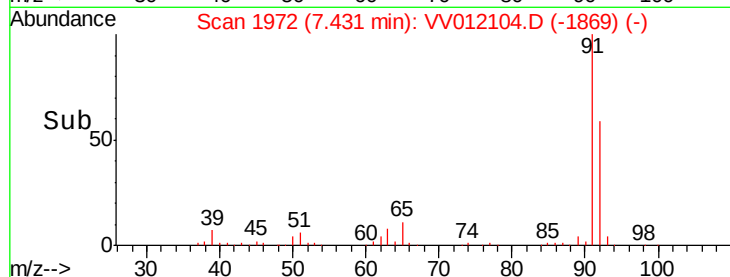
150000

100000

50000

0

Time-->



#45

trans-1,3-Dichloropropene

Concen: 25.841 ug/L

RT: 7.69 min Scan# 2053

Delta R.T. -0.00 min

Lab File: VV012104.D

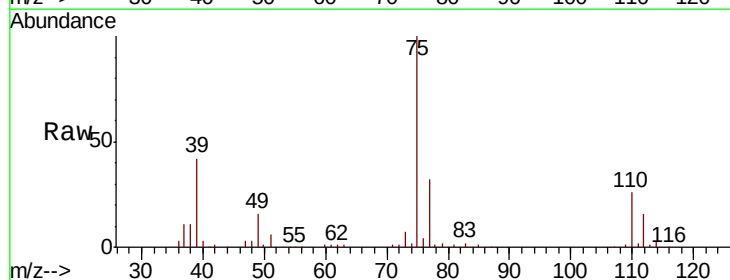
Acq: 03 Aug 2019 11:54

Tgt Ion: 75 Resp: 104556

Ion Ratio Lower Upper

75 100

77 31.8 23.3 43.3



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0

7.69

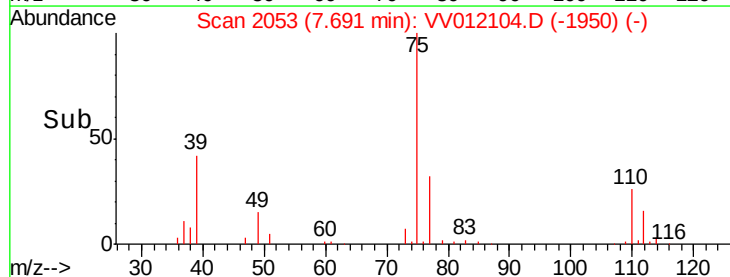
60000

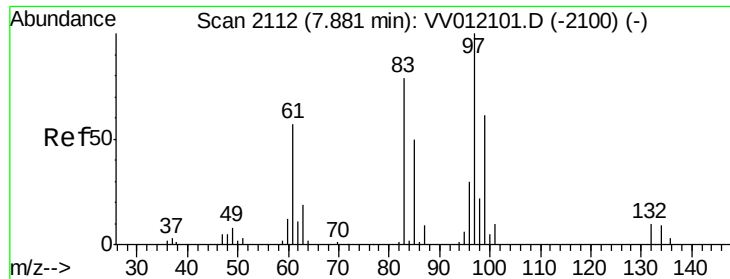
40000

20000

0

Time-->

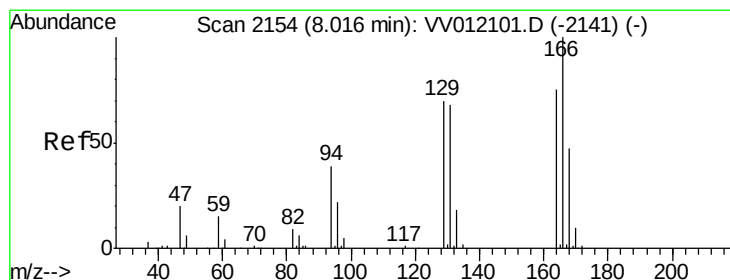
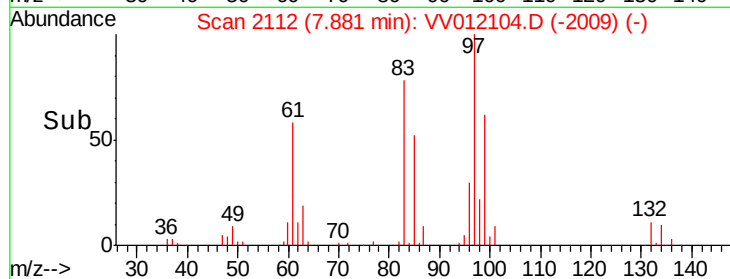
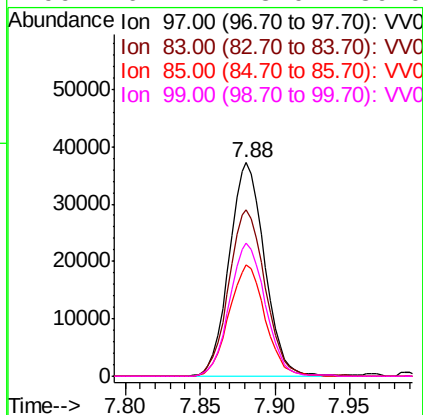
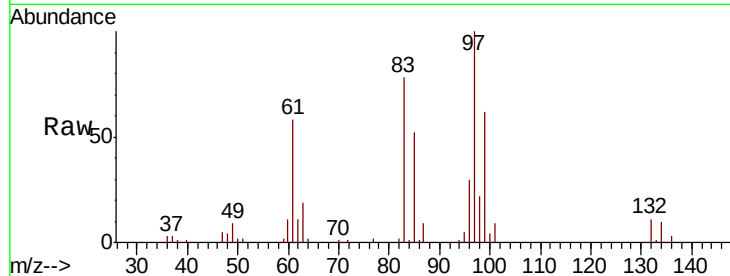




#46
 1,1,2-Trichloroethane
 Concen: 25.849 ug/L
 RT: 7.88 min Scan# 2112
 Delta R.T. -0.00 min
 Lab File: VV012104.D
 Acq: 03 Aug 2019 11:54

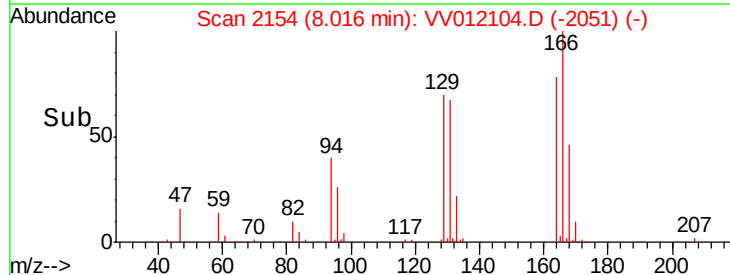
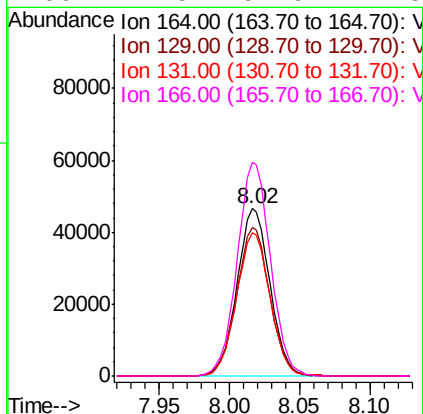
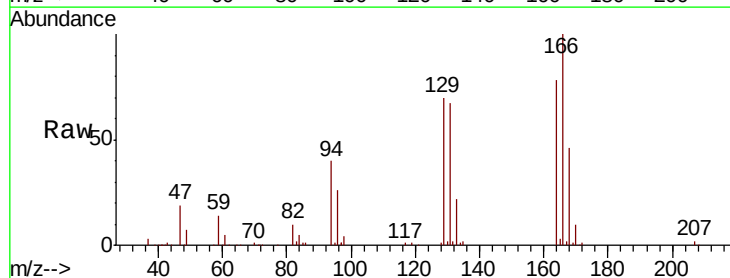
Instrument :
 MSVOA_V
 ClientSampleId :
 VICV66

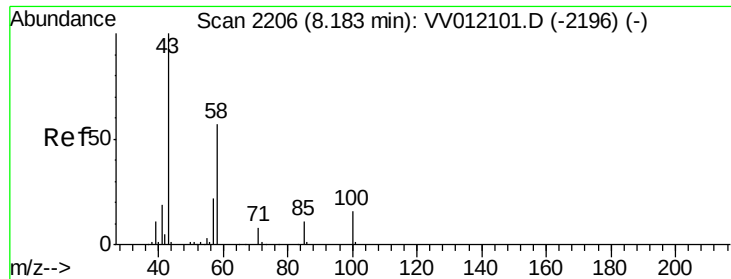
Tgt Ion:	97	Resp:	61245
Ion	Ratio	Lower	Upper
97	100		
83	78.1	55.2	102.6
85	51.9	35.4	65.7
99	62.1	43.0	80.0



#47
 Tetrachloroethene
 Concen: 25.381 ug/L
 RT: 8.02 min Scan# 2154
 Delta R.T. -0.00 min
 Lab File: VV012104.D
 Acq: 03 Aug 2019 11:54

Tgt Ion:	164	Resp:	76395
Ion	Ratio	Lower	Upper
164	100		
129	88.8	65.5	121.6
131	85.5	63.2	117.4
166	127.5	92.9	172.5

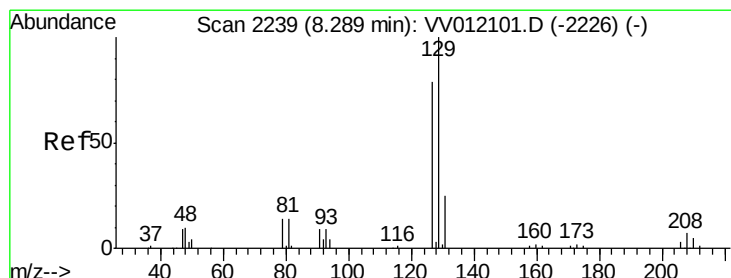
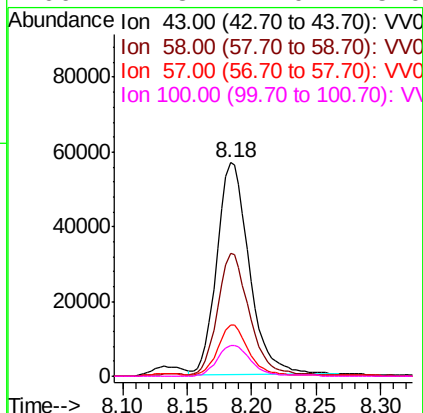
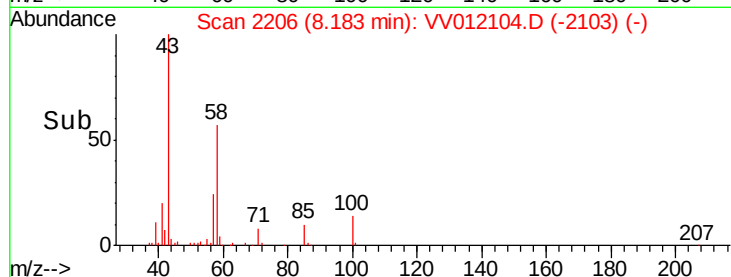
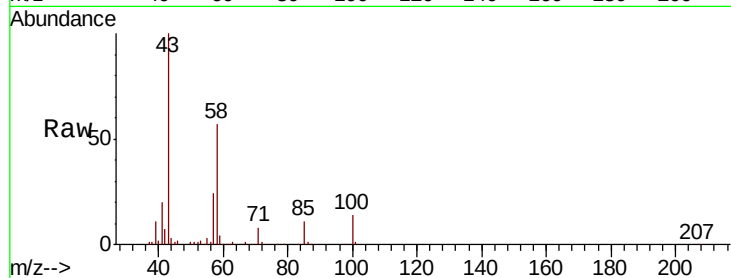




#49
2-Hexanone
Concen: 55.815 ug/L
RT: 8.18 min Scan# 2206
Delta R.T. -0.00 min
Lab File: VV012104.D
Acq: 03 Aug 2019 11:54

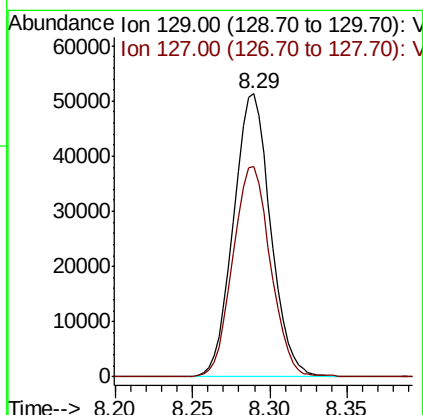
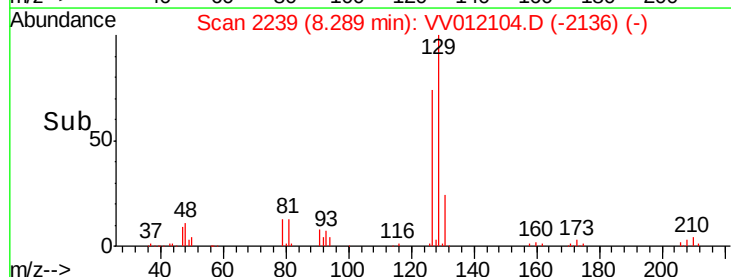
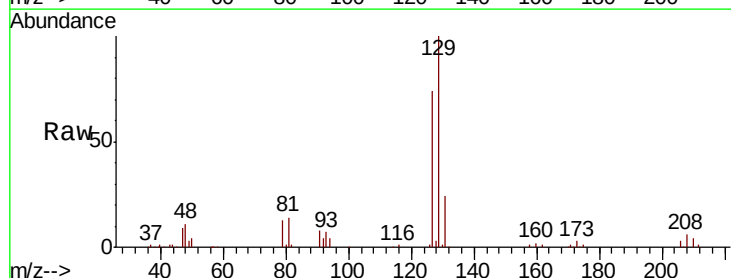
Instrument :
MSVOA_V
ClientSampleId :
VICV66

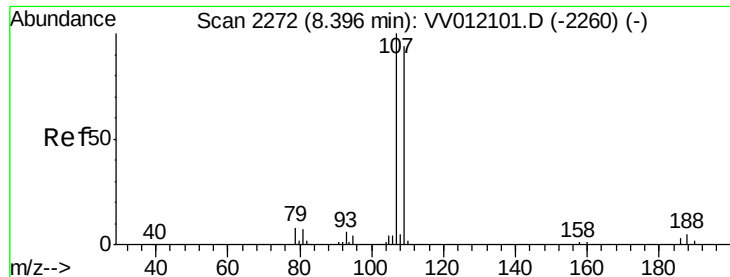
Tgt Ion: 43 Resp: 99716
Ion Ratio Lower Upper
43 100
58 56.2 45.7 68.5
57 22.8 18.1 27.1
100 14.8 12.0 18.0



#50
Dibromochloromethane
Concen: 25.836 ug/L
RT: 8.29 min Scan# 2239
Delta R.T. -0.00 min
Lab File: VV012104.D
Acq: 03 Aug 2019 11:54

Tgt Ion: 129 Resp: 85668
Ion Ratio Lower Upper
129 100
127 74.3 55.4 103.0





#51

1,2-Dibromoethane

Concen: 26.159 ug/L

RT: 8.40 min Scan# 2272

Delta R.T. -0.00 min

Lab File: VV012104.D

Acq: 03 Aug 2019 11:54

Instrument :

MSVOA_V

ClientSampleId :

VICV66

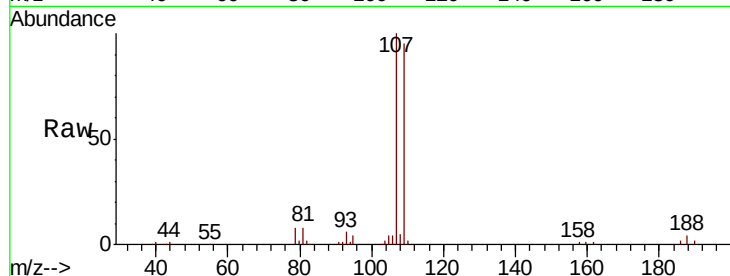
Tgt Ion:107 Resp: 67400

Ion Ratio Lower Upper

107 100

109 94.9 65.7 121.9

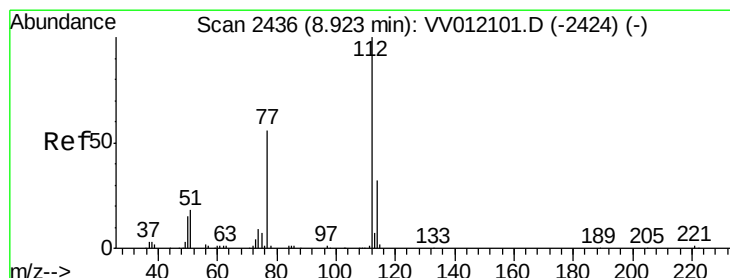
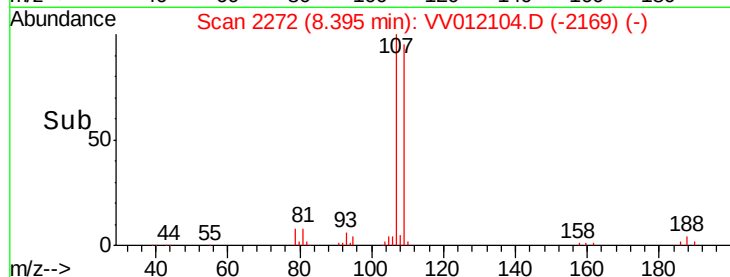
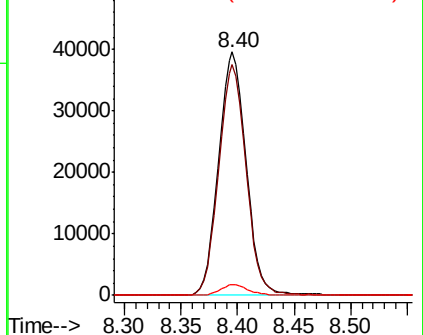
188 4.5 3.9 5.9



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V

Ion 188.00 (187.70 to 188.70): V



#52

Chlorobenzene

Concen: 25.495 ug/L

RT: 8.92 min Scan# 2436

Delta R.T. -0.00 min

Lab File: VV012104.D

Acq: 03 Aug 2019 11:54

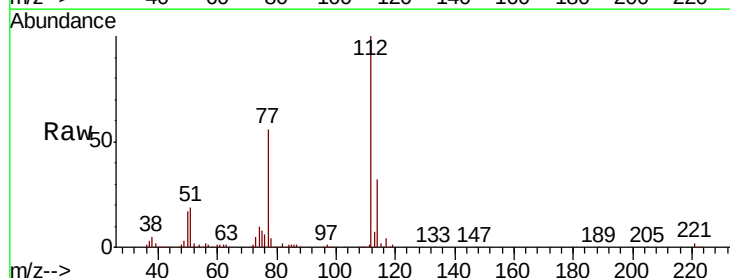
Tgt Ion:112 Resp: 212691

Ion Ratio Lower Upper

112 100

77 55.7 45.3 67.9

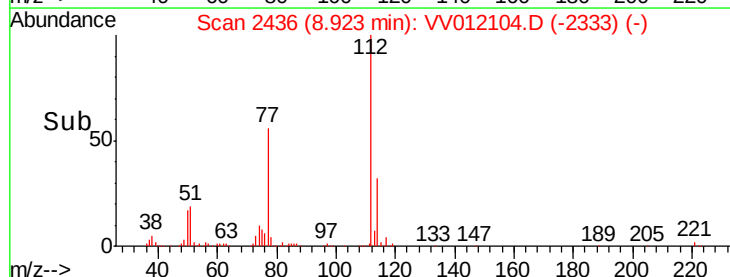
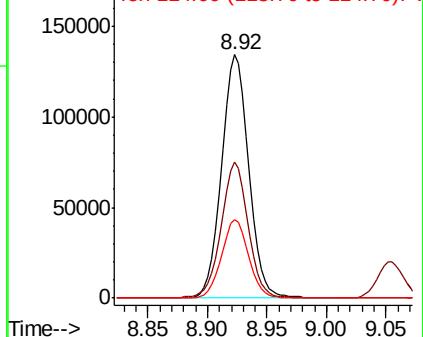
114 32.4 22.5 41.7

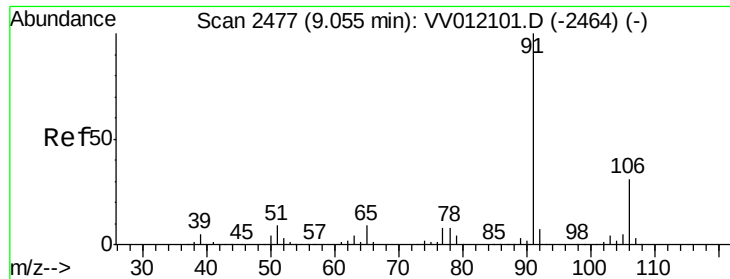


Abundance Ion 112.00 (111.70 to 112.70): V

Ion 77.00 (76.70 to 77.70): VV0

Ion 114.00 (113.70 to 114.70): V





#53

Ethylbenzene

Concen: 25.493 ug/L

RT: 9.05 min Scan# 2477

Delta R.T. -0.00 min

Lab File: VV012104.D

Acq: 03 Aug 2019 11:54

Instrument :

MSVOA_V

ClientSampled :

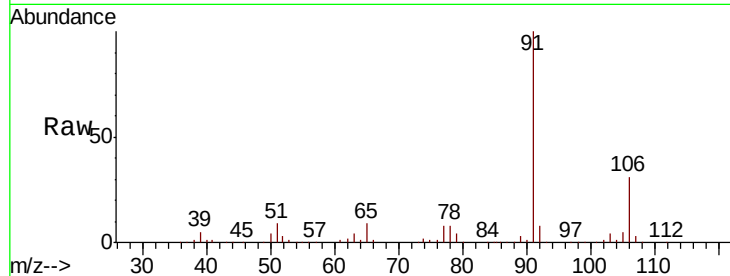
VICV66

Tgt Ion: 91 Resp: 359614

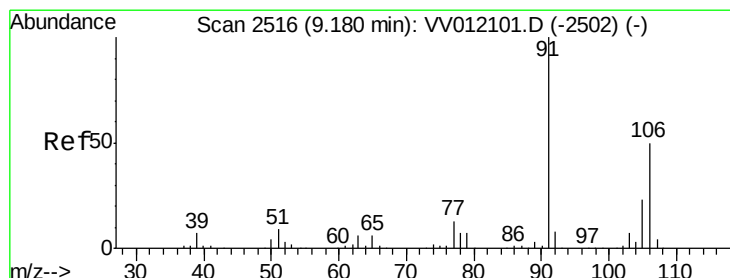
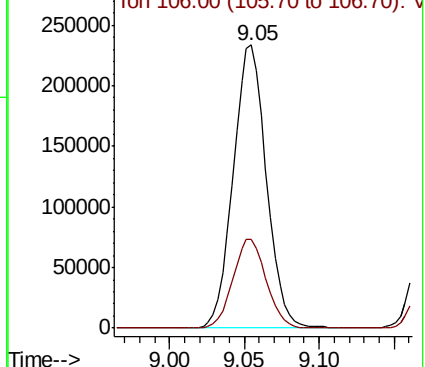
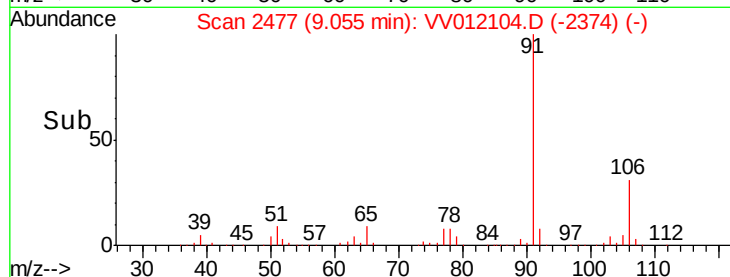
Ion Ratio Lower Upper

91 100

106 31.4 21.8 40.6



Abundance Ion 91.00 (90.70 to 91.70): VV012104.D (-2374) (-)



#54

m,p-Xylene

Concen: 25.472 ug/L

RT: 9.18 min Scan# 2516

Delta R.T. -0.00 min

Lab File: VV012104.D

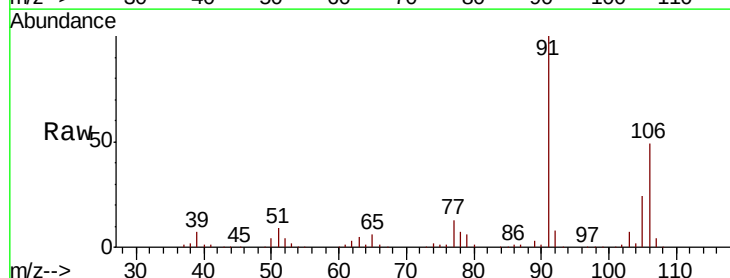
Acq: 03 Aug 2019 11:54

Tgt Ion: 106 Resp: 139585

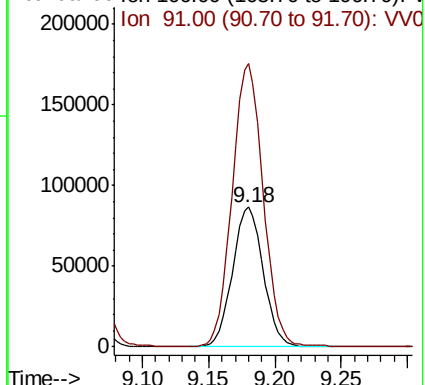
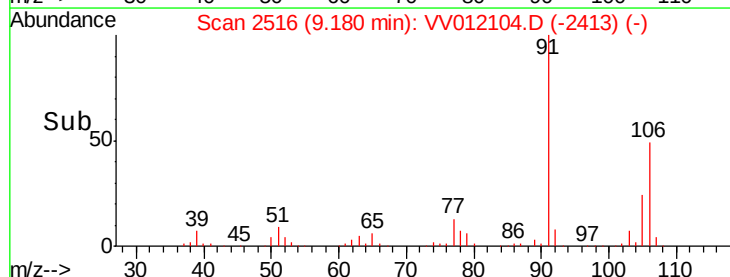
Ion Ratio Lower Upper

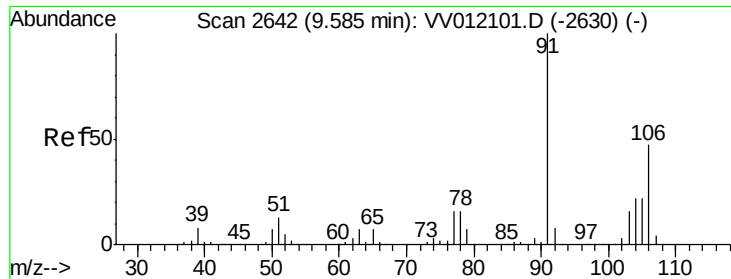
106 100

91 202.3 139.6 259.2



Abundance Ion 106.00 (105.70 to 106.70): VV012104.D (-2413) (-)





#55

o-xylene

Concen: 25.765 ug/L

RT: 9.59 min Scan# 2642

Delta R.T. -0.00 min

Lab File: VV012104.D

Acq: 03 Aug 2019 11:54

Instrument :

MSVOA_V

ClientSampled :

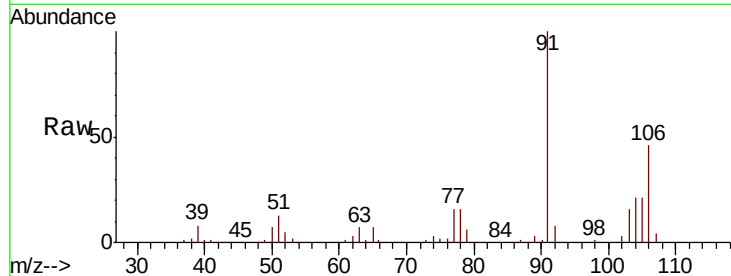
VICV66

Tgt Ion:106 Resp: 134416

Ion Ratio Lower Upper

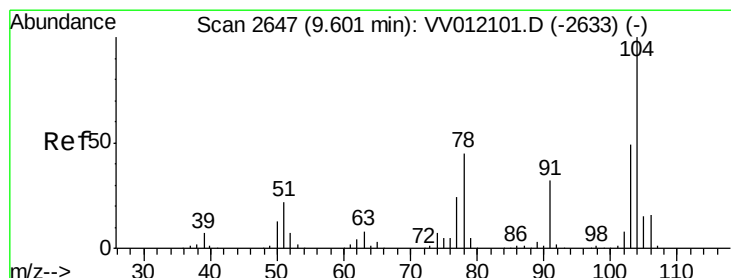
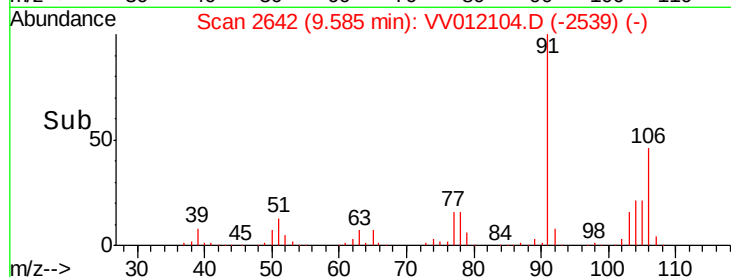
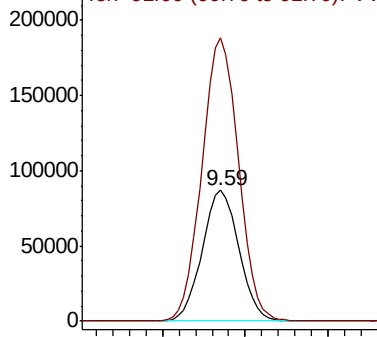
106 100

91 216.6 149.4 277.4



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VV0



#56

Styrene

Concen: 26.212 ug/L

RT: 9.60 min Scan# 2647

Delta R.T. -0.00 min

Lab File: VV012104.D

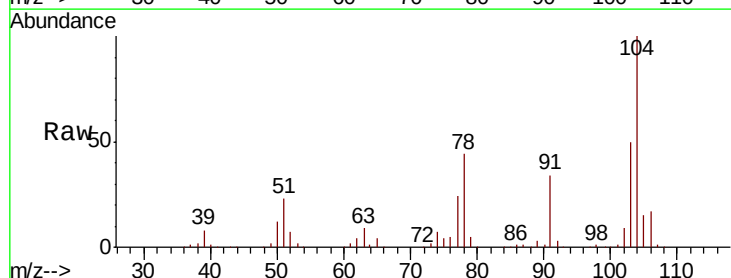
Acq: 03 Aug 2019 11:54

Tgt Ion:104 Resp: 234934

Ion Ratio Lower Upper

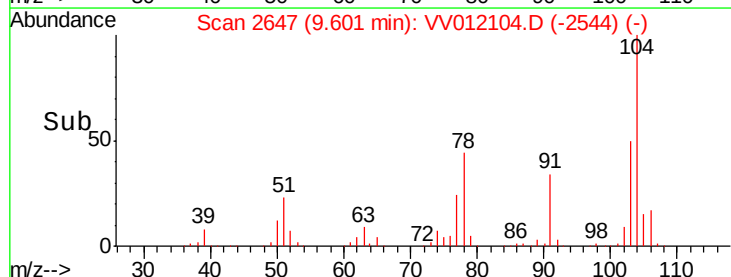
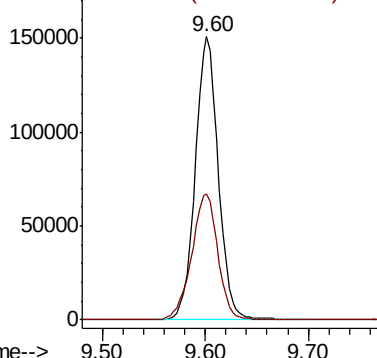
104 100

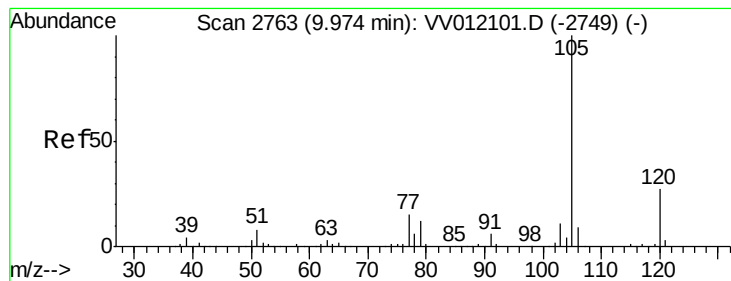
78 44.5 31.4 58.4



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VV0





#57

Isopropylbenzene

Concen: 26.056 ug/L

RT: 9.97 min Scan# 2763

Delta R.T. -0.00 min

Lab File: VV012104.D

Acq: 03 Aug 2019 11:54

Instrument :

MSVOA_V

ClientSampleId :

VICV66

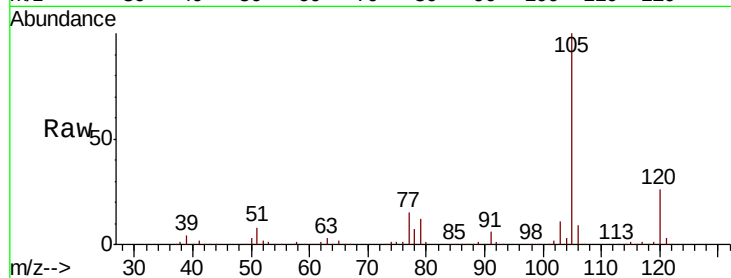
Tgt Ion: 105 Resp: 372810

Ion Ratio Lower Upper

105 100

120 26.2 21.4 32.0

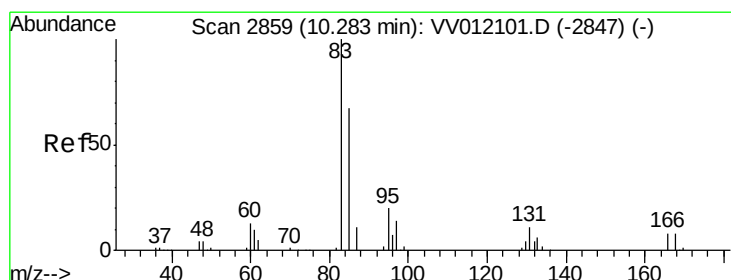
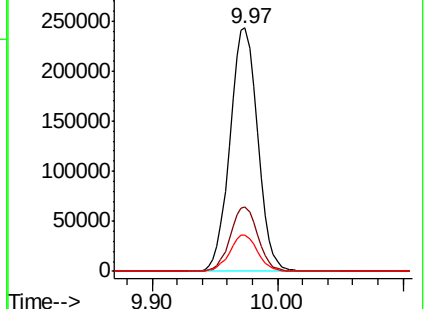
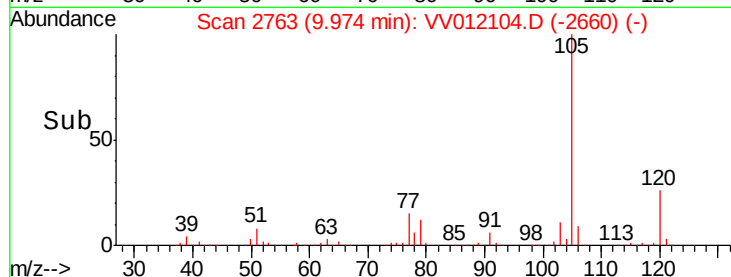
77 15.1 12.1 18.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

Ion 77.00 (76.70 to 77.70): V



#58

1,1,2,2-Tetrachloroethane

Concen: 25.519 ug/L

RT: 10.29 min Scan# 2860

Delta R.T. 0.00 min

Lab File: VV012104.D

Acq: 03 Aug 2019 11:54

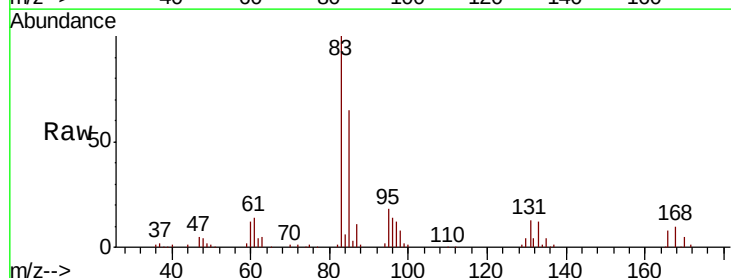
Tgt Ion: 83 Resp: 79087

Ion Ratio Lower Upper

83 100

85 64.6 47.2 87.6

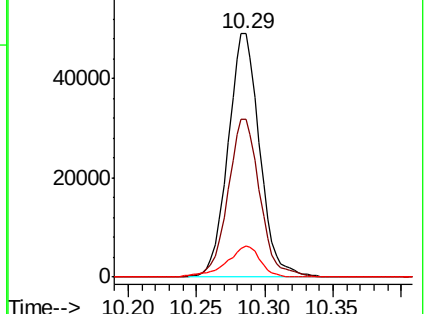
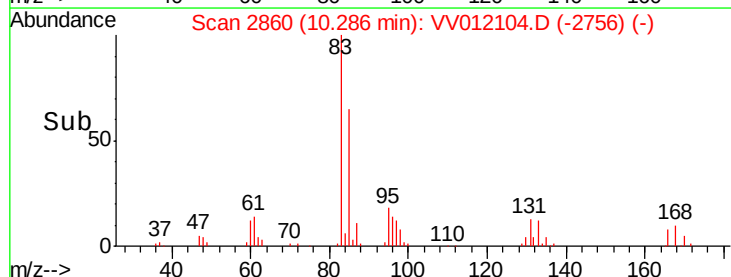
131 12.8 9.6 14.4

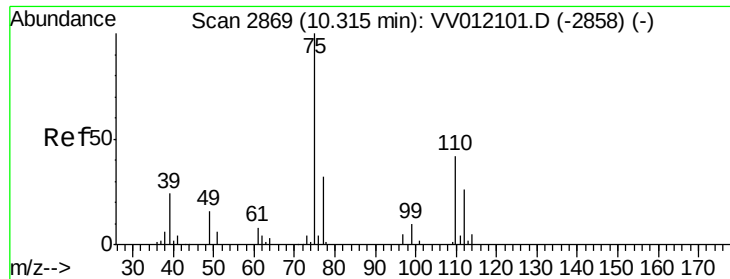


Abundance Ion 83.00 (82.70 to 83.70): VV0

Ion 85.00 (84.70 to 85.70): VV0

Ion 131.00 (130.70 to 131.70): V





#59

1,2,3-Trichloropropane

Concen: 25.957 ug/L

RT: 10.32 min Scan# 2869

Delta R.T. -0.00 min

Lab File: VV012104.D

Acq: 03 Aug 2019 11:54

Instrument :

MSVOA_V

ClientSampleId :

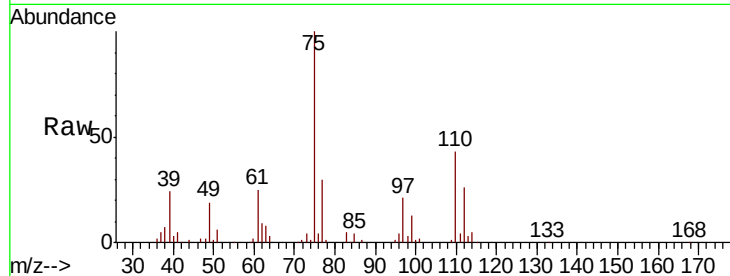
VICV66

Tgt Ion: 75 Resp: 63106

Ion Ratio Lower Upper

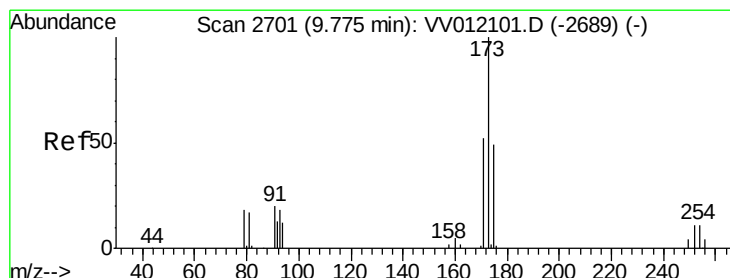
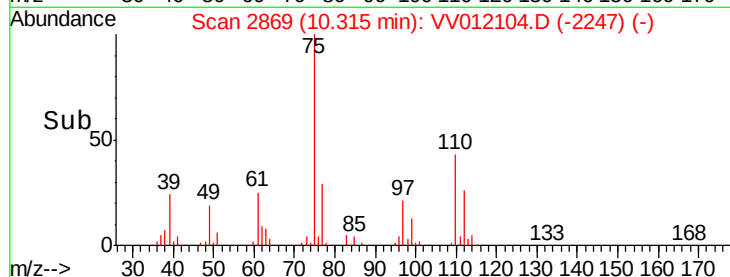
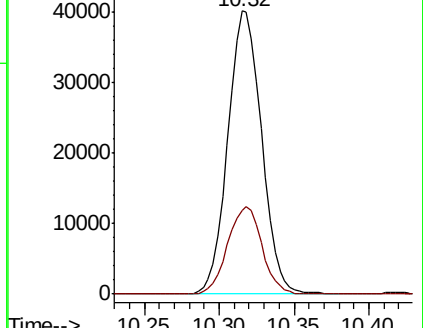
75 100

77 31.3 26.2 39.4



Abundance Ion 75.00 (74.70 to 75.70): VV012101.D (-2858) (-)

Ion 77.00 (76.70 to 77.70): VV012101.D (-2858) (-)



#62

Bromoform

Concen: 26.085 ug/L

RT: 9.77 min Scan# 2701

Delta R.T. -0.00 min

Lab File: VV012104.D

Acq: 03 Aug 2019 11:54

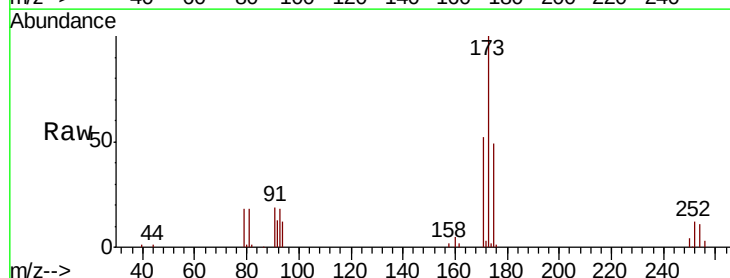
Tgt Ion: 173 Resp: 60962

Ion Ratio Lower Upper

173 100

175 47.1 37.9 56.9

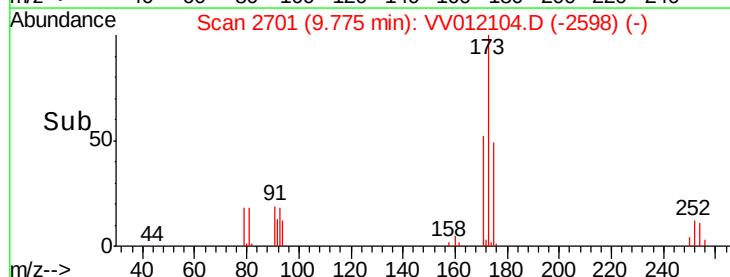
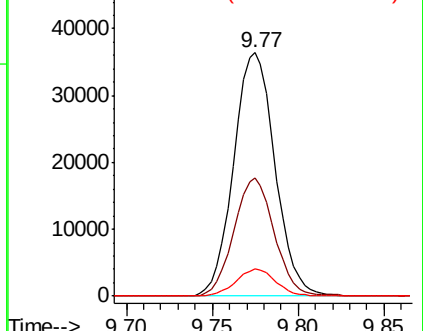
254 10.6 8.2 12.4

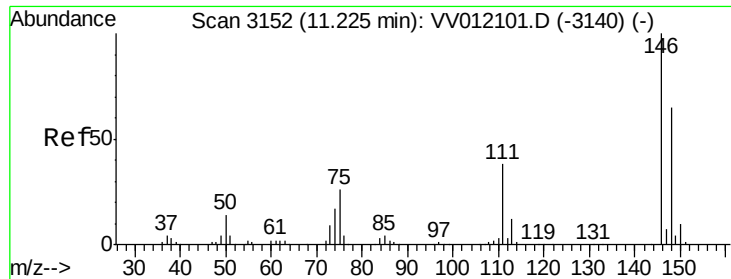


Abundance Ion 173.00 (172.70 to 173.70): VV012101.D (-2689) (-)

Ion 175.00 (174.70 to 175.70): VV012101.D (-2689) (-)

Ion 254.00 (253.70 to 254.70): VV012101.D (-2689) (-)





#63

1,3-Dichlorobenzene

Concen: 25.741 ug/L

RT: 11.22 min Scan# 3152

Delta R.T. -0.00 min

Lab File: VV012104.D

Acq: 03 Aug 2019 11:54

Instrument :

MSVOA_V

ClientSampleId :

VICV66

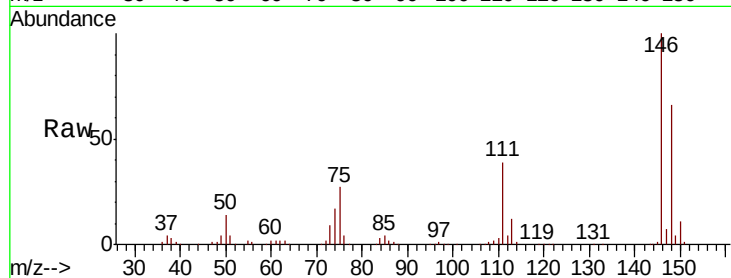
Tgt Ion:146 Resp: 190984

Ion Ratio Lower Upper

146 100

111 39.1 26.7 49.5

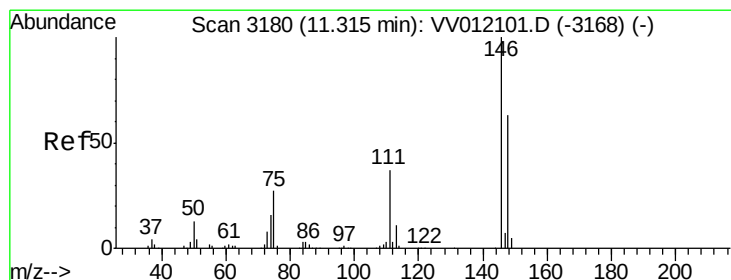
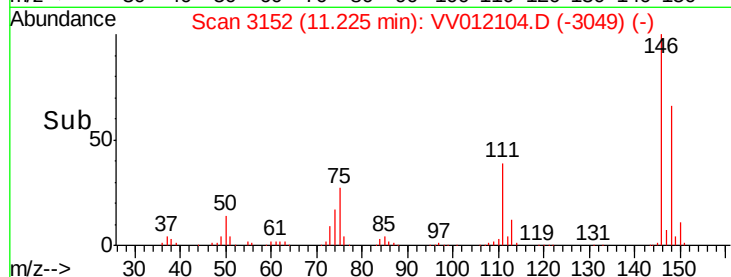
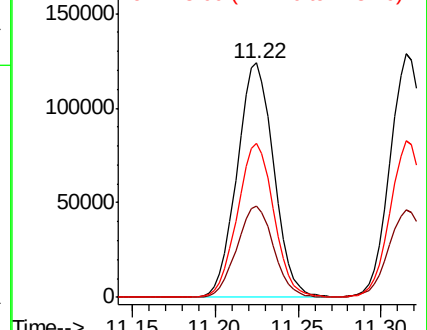
148 66.0 45.4 84.4



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#64

1,4-Dichlorobenzene

Concen: 25.553 ug/L

RT: 11.31 min Scan# 3180

Delta R.T. -0.00 min

Lab File: VV012104.D

Acq: 03 Aug 2019 11:54

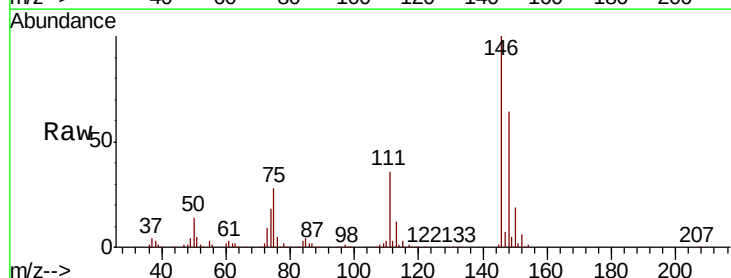
Tgt Ion:146 Resp: 193044

Ion Ratio Lower Upper

146 100

111 35.9 25.9 48.1

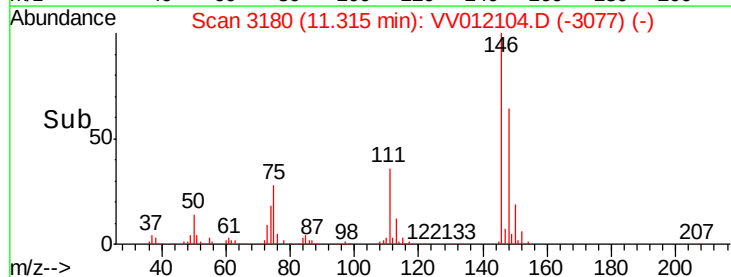
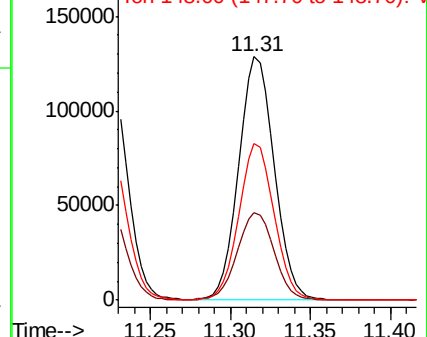
148 64.1 44.4 82.4

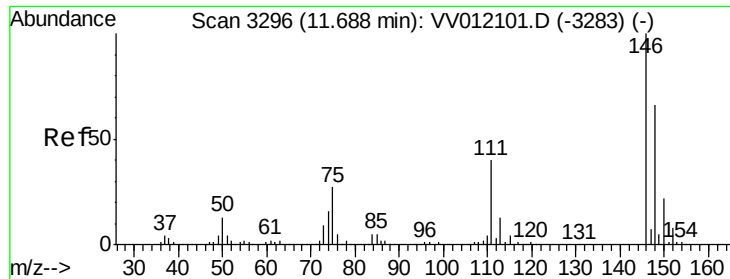


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V

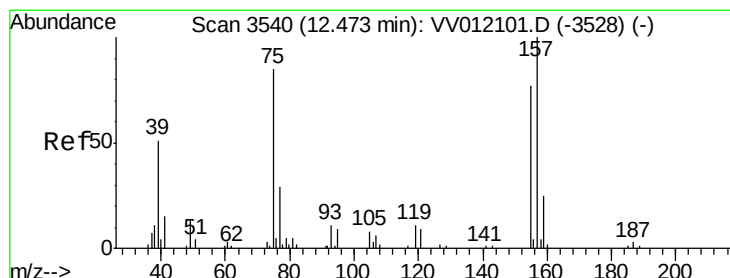
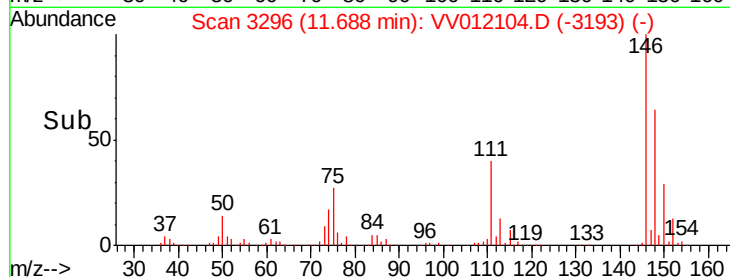
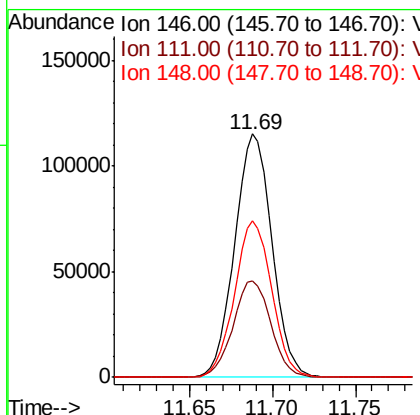
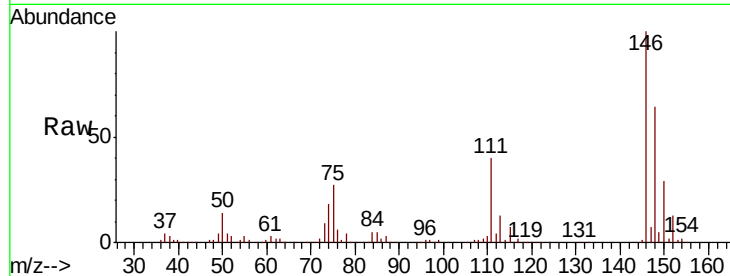




#65
 1,2-Dichlorobenzene
 Concen: 26.109 ug/L
 RT: 11.69 min Scan# 3296
 Delta R.T. -0.00 min
 Lab File: VV012104.D
 Acq: 03 Aug 2019 11:54

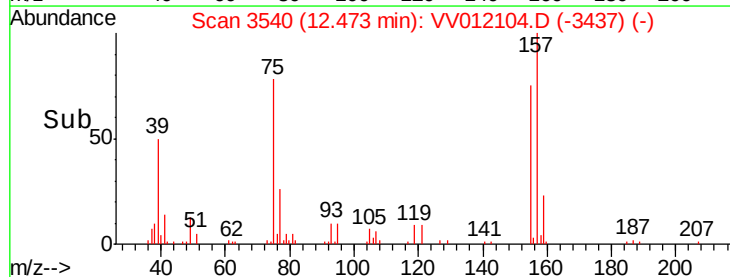
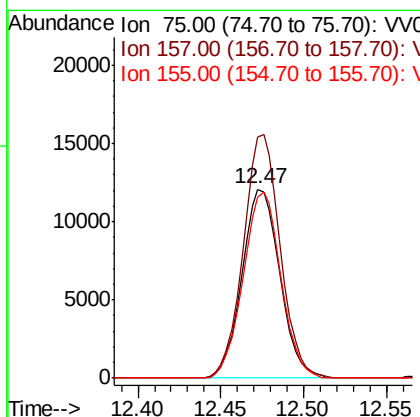
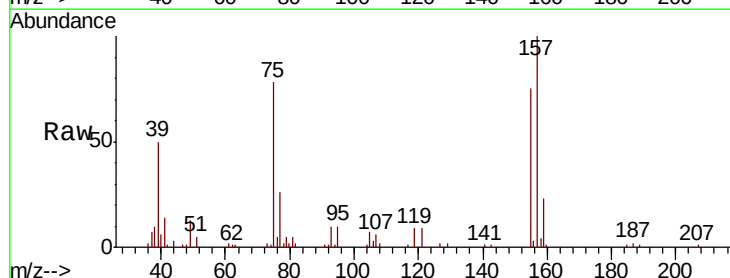
Instrument :
 MSVOA_V
 ClientSampleId :
 VICV66

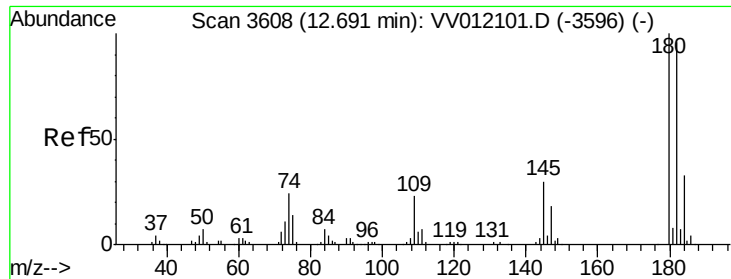
Tgt Ion: 146 Resp: 180203
 Ion Ratio Lower Upper
 146 100
 111 39.8 32.2 48.4
 148 64.1 52.6 78.8



#66
 1,2-Dibromo-3-chloropropane
 Concen: 25.334 ug/L
 RT: 12.47 min Scan# 3540
 Delta R.T. -0.00 min
 Lab File: VV012104.D
 Acq: 03 Aug 2019 11:54

Tgt Ion: 75 Resp: 19143
 Ion Ratio Lower Upper
 75 100
 157 127.4 94.4 141.6
 155 95.8 72.6 108.8

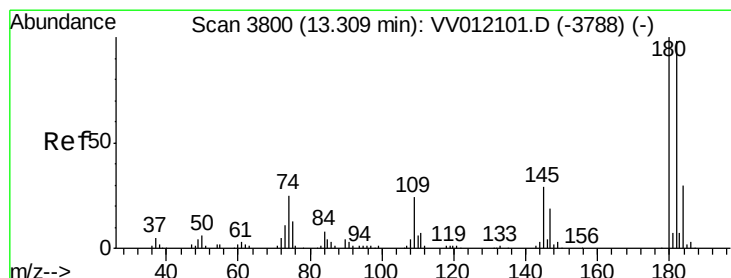
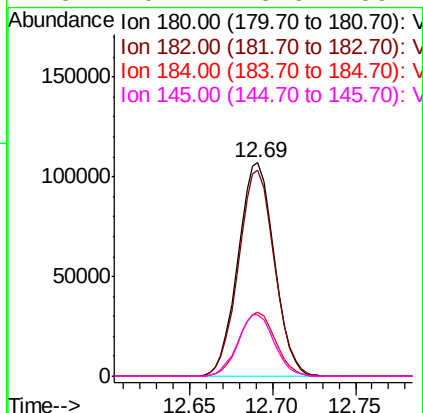
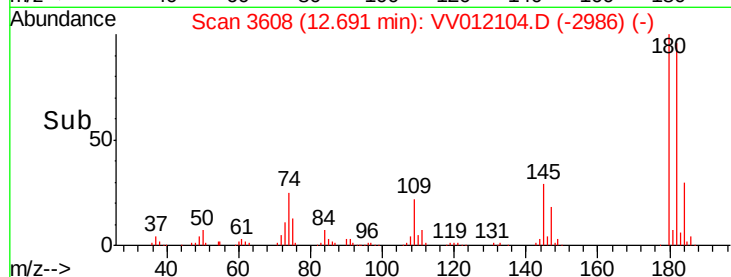
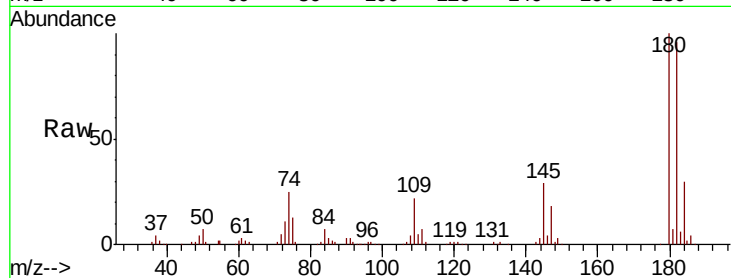




#67
 1,3,5-Trichlorobenzene
 Concen: 25.818 ug/L
 RT: 12.69 min Scan# 3608
 Delta R.T. -0.00 min
 Lab File: VV012104.D
 Acq: 03 Aug 2019 11:54

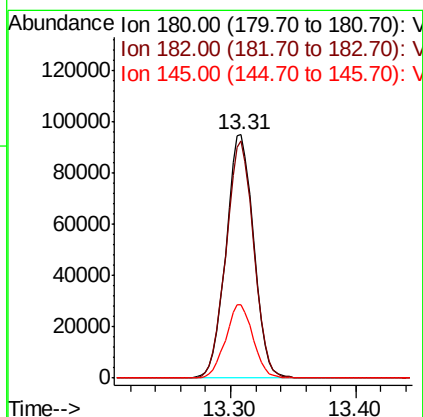
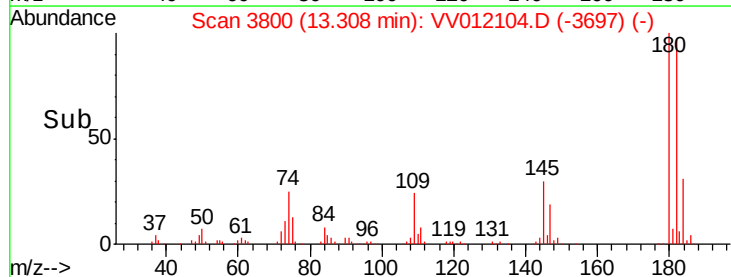
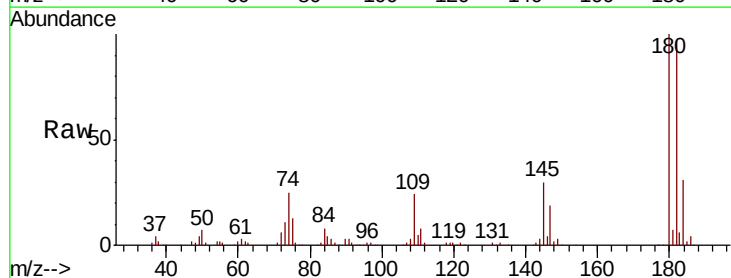
Instrument :
 MSVOA_V
 ClientSampleId :
 VICV66

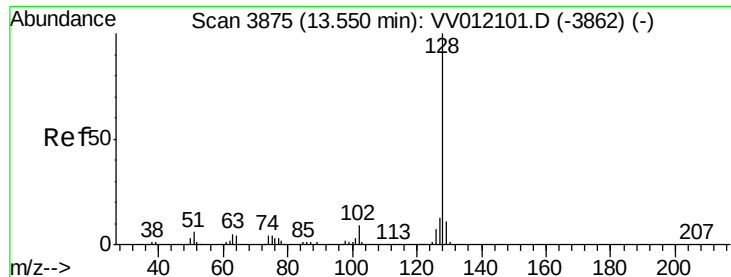
Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.7	77.2	115.8
184	30.3	25.4	38.2
145	29.2	23.6	35.4



#68
 1,2,4-trichlorobenzene
 Concen: 27.207 ug/L
 RT: 13.31 min Scan# 3800
 Delta R.T. -0.00 min
 Lab File: VV012104.D
 Acq: 03 Aug 2019 11:54

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.4	77.2	115.8
145	29.9	23.4	35.0





#69

Naphthalene

Concen: 29.722 ug/L

RT: 13.55 min Scan# 3875

Delta R.T. -0.00 min

Lab File: VV012104.D

Acq: 03 Aug 2019 11:54

Instrument :

MSVOA_V

ClientSampleId :

VICV66

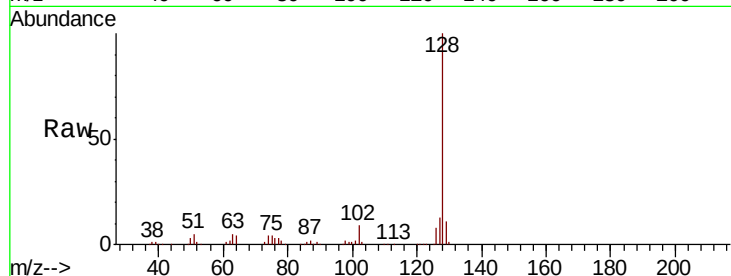
Tgt Ion:128 Resp: 297858

Ion Ratio Lower Upper

128 100

129 11.3 8.6 13.0

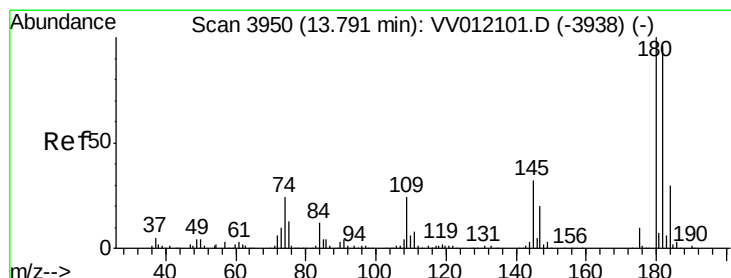
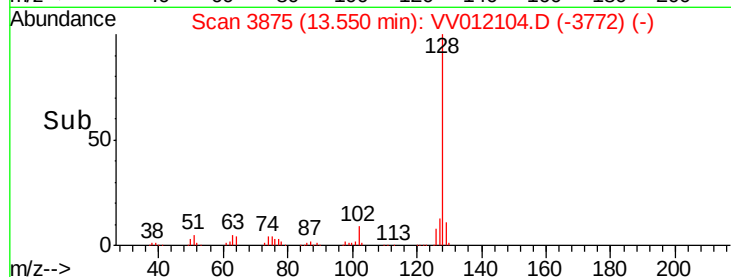
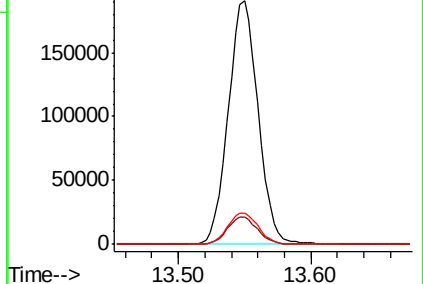
127 13.3 10.6 15.8



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#70

1,2,3-Trichlorobenzene

Concen: 27.480 ug/L

RT: 13.79 min Scan# 3950

Delta R.T. -0.00 min

Lab File: VV012104.D

Acq: 03 Aug 2019 11:54

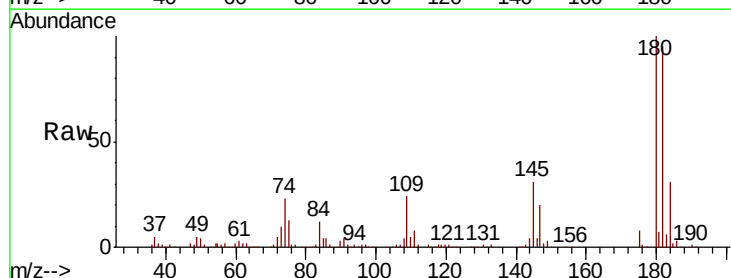
Tgt Ion:180 Resp: 136472

Ion Ratio Lower Upper

180 100

182 95.3 75.8 113.6

145 31.1 25.3 37.9



Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V

