

Data File : VV012504.D
Acq On : 01 Sep 2019 12:35
Operator : SY/MD
Sample : VSTD05064
Misc : 5mL/MSVOA_V/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VSTD05064

Quant Time: Sep 02 02:51:48 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090119WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Sep 02 02:48:11 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	329855	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	330888	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	157781	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	108125	48.22	ug/L	0.00
7) Chloroethane-d5	1.58	69	124978	50.49	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.14	63	289870	47.85	ug/L	0.00
21) 2-Butanone-d5	3.93	46	184566	101.92	ug/L	0.00
24) Chloroform-d	4.40	84	224074	49.13	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.08	65	146562	50.06	ug/L	0.00
32) Benzene-d6	5.10	84	388537	48.05	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.12	67	134919	47.48	ug/L	0.00
41) Toluene-d8	7.36	98	371568	49.02	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.66	79	60987	46.27	ug/L	0.00
47) 2-Hexanone-d5	8.13	63	115061	102.45	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.26	84	197144	49.01	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.67	152	147783	47.09	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.14	85	134697	50.955	ug/L	100
3) Chloromethane	1.25	50	169756	50.219	ug/L	100
5) Vinyl chloride	1.32	62	179404	50.835	ug/L	100
6) Bromomethane	1.54	94	148011	51.743	ug/L	100
8) Chloroethane	1.60	64	140572	54.291	ug/L	100
9) Trichlorofluoromethane	1.77	101	270350	50.543	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	156568	50.686	ug/L	100
12) 1,1-Dichloroethene	2.14	96	148838	50.003	ug/L	100
13) Acetone	2.20	43	200594	103.971	ug/L	100
14) Carbon disulfide	2.32	76	318713	49.579	ug/L	100
15) Methyl Acetate	2.46	43	145129	51.299	ug/L	100
16) Methylene chloride	2.54	84	128753	50.034	ug/L	100
17) trans-1,2-Dichloroethene	2.79	96	115185	49.653	ug/L	100
18) Methyl tert-butyl Ether	2.80	73	361006	49.505	ug/L	100
19) 1,1-Dichloroethane	3.23	63	236224	50.268	ug/L	100
20) cis-1,2-Dichloroethene	3.96	96	129266	50.403	ug/L	100
22) 2-Butanone	4.02	43	227610	108.269	ug/L	100
23) Bromochloromethane	4.30	128	61363	49.815	ug/L	100
25) Chloroform	4.43	83	239097	50.035	ug/L	100
27) 1,2-Dichloroethane	5.18	62	204706	51.201	ug/L	100
29) Cyclohexane	4.73	56	206171	50.059	ug/L	100
30) 1,1,1-Trichloroethane	4.66	97	192750	48.470	ug/L	100
31) Carbon tetrachloride	4.88	117	163348	48.312	ug/L	100
33) Benzene	5.15	78	512732	49.759	ug/L	100
34) Trichloroethene	5.96	95	132989	46.745	ug/L	100
35) Methylcyclohexane	6.18	83	208325	50.475	ug/L	100
37) 1,2-Dichloropropane	6.22	63	136973	49.351	ug/L	100
38) Bromodichloromethane	6.55	83	181608	49.635	ug/L	100
39) cis-1,3-Dichloropropene	7.07	75	194062	48.778	ug/L	100
40) 4-Methyl-2-pentanone	7.27	43	398226	102.530	ug/L	100

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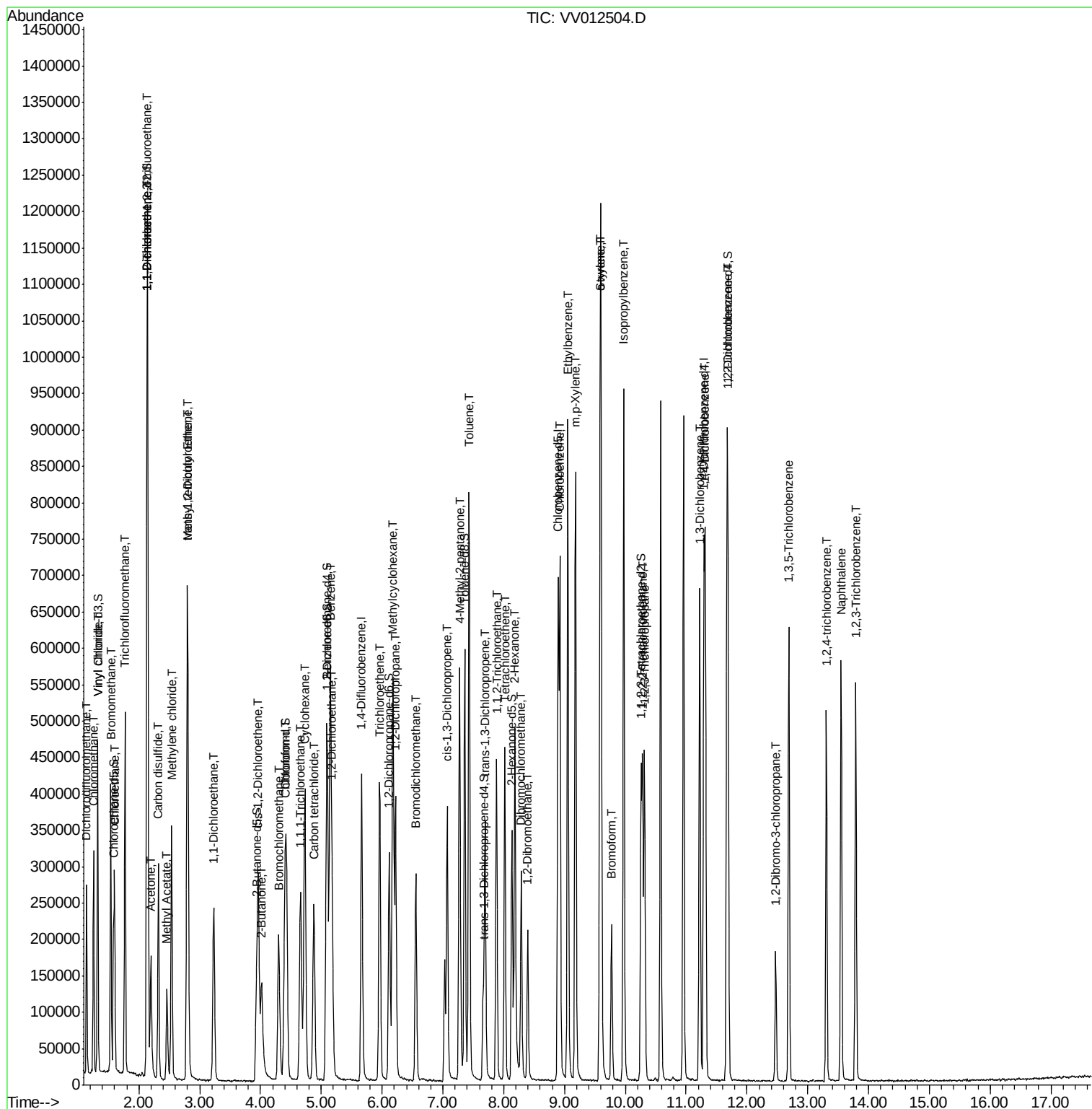
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.43	91	554401	51.249	ug/L	100
44) trans-1,3-Dichloropropene	7.69	75	177191	49.218	ug/L	100
45) 1,1,2-Trichloroethane	7.88	97	123409	49.192	ug/L	100
46) Tetrachloroethene	8.02	164	92548	48.341	ug/L	100
48) 2-Hexanone	8.18	43	333856	109.775	ug/L	100
49) Dibromochloromethane	8.29	129	129253	49.134	ug/L	100
50) 1,2-Dibromoethane	8.40	107	126324	48.688	ug/L	100
51) Chlorobenzene	8.92	112	333063	49.033	ug/L	100
52) Ethylbenzene	9.05	91	599026	51.096	ug/L	100
53) m,p-Xylene	9.18	106	215645	51.213	ug/L	100
54) o-xylene	9.59	106	212278	50.532	ug/L	100
55) Styrene	9.60	104	369358	51.921	ug/L	100
56) Isopropylbenzene	9.97	105	565881	51.661	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.28	83	195954	52.668	ug/L	100
59) 1,2,3-Trichloropropane	10.31	75	167493	49.780	ug/L	100
61) Bromoform	9.77	173	84379	48.730	ug/L	100
62) 1,3-Dichlorobenzene	11.22	146	245934	49.361	ug/L	100
63) 1,4-Dichlorobenzene	11.31	146	246404	47.792	ug/L	100
65) 1,2-Dichlorobenzene	11.69	146	248382	49.301	ug/L	100
66) 1,2-Dibromo-3-chloropropan	12.47	75	41216	48.545	ug/L	100
67) 1,3,5-Trichlorobenzene	12.69	180	162131	48.714	ug/L	100
68) 1,2,4-trichlorobenzene	13.31	180	131764	48.136	ug/L	100
69) Naphthalene	13.55	128	408285	47.708	ug/L	100
70) 1,2,3-Trichlorobenzene	13.79	180	144450	51.290	ug/L	100

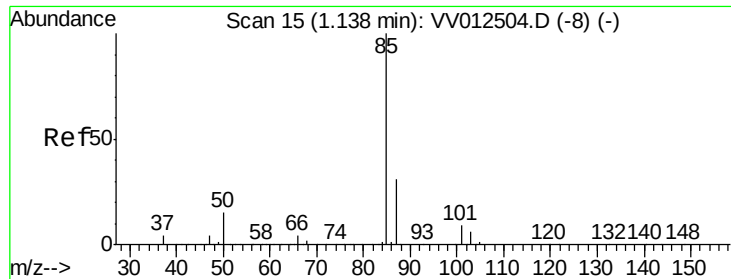
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

Dichlorodifluoromethane

Concen: 50.955 ug/L

RT: 1.14 min Scan# 15

Delta R.T. 0.00 min

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Instrument :

MSVOA_V

ClientSampleId :

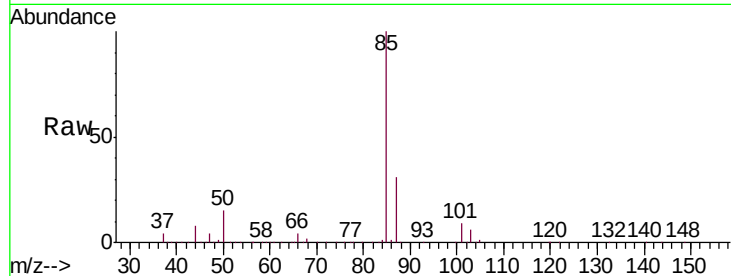
VSTD05064

Tgt Ion: 85 Resp: 134697

Ion Ratio Lower Upper

85 100

87 31.7 25.4 38.0



Abundance Ion 85.00 (84.70 to 85.70): VV012504.D (-8) (-)

Ion 87.00 (86.70 to 87.70): VV012504.D (-8) (-)

1.14

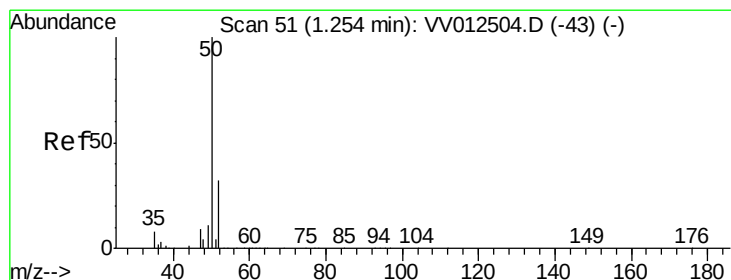
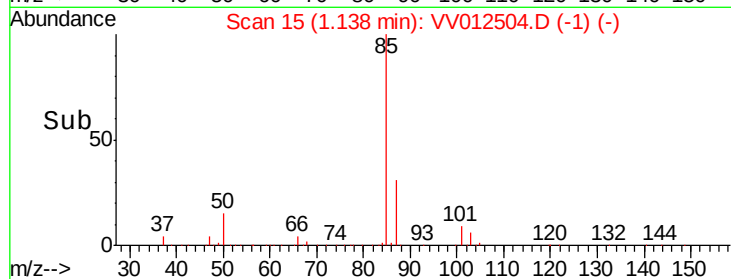
150000

100000

50000

0

Time-->



#3

Chloromethane

Concen: 50.219 ug/L

RT: 1.25 min Scan# 51

Delta R.T. 0.00 min

Lab File: VV012504.D

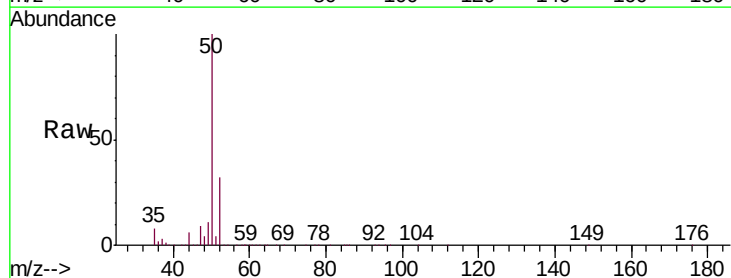
Acq: 01 Sep 2019 12:35

Tgt Ion: 50 Resp: 169756

Ion Ratio Lower Upper

50 100

52 32.0 22.4 41.6



Abundance Ion 50.00 (49.70 to 50.70): VV012504.D (-43) (-)

Ion 52.00 (51.70 to 52.70): VV012504.D (-43) (-)

200000

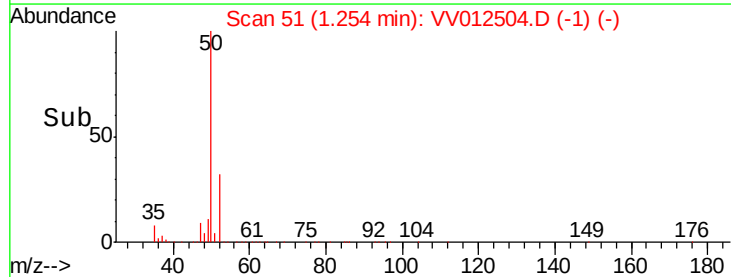
150000

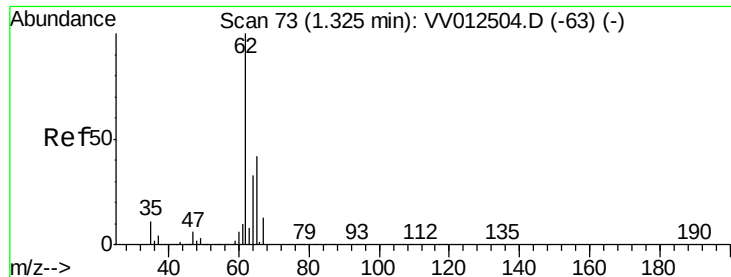
100000

50000

0

Time-->





#5

Vinyl chloride

Concen: 50.835 ug/L

RT: 1.32 min Scan# 73

Delta R.T. 0.00 min

Lab File: VV012504.D

Acq: 01 Sep 2019 12:35

Instrument :

MSVOA_V

ClientSampleId :

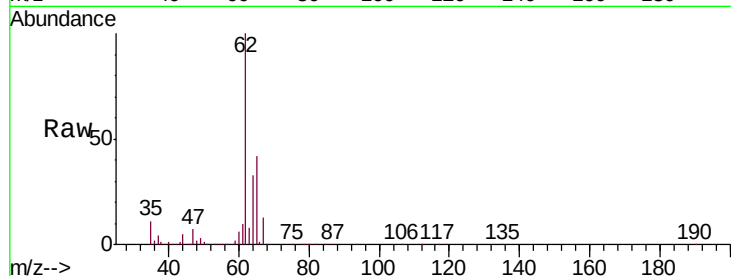
VSTD05064

Tgt Ion: 62 Resp: 179404

Ion Ratio Lower Upper

62 100

64 32.7 22.9 42.5



Abundance Ion 62.00 (61.70 to 62.70): VV0

Ion 64.00 (63.70 to 64.70): VV0

1.32

200000

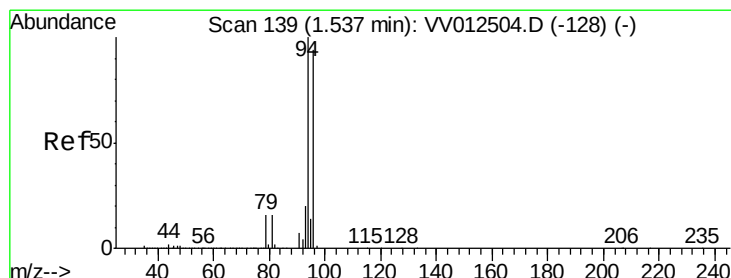
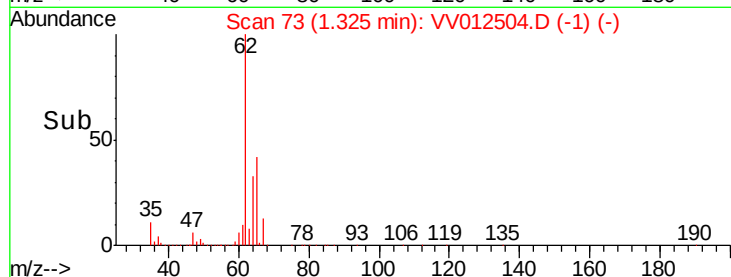
150000

100000

50000

0

Time--> 1.25 1.30 1.35 1.40



#6

Bromomethane

Concen: 51.743 ug/L

RT: 1.54 min Scan# 139

Delta R.T. 0.00 min

Lab File: VV012504.D

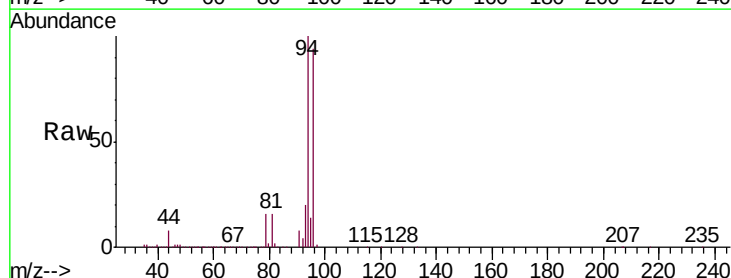
Acq: 01 Sep 2019 12:35

Tgt Ion: 94 Resp: 148011

Ion Ratio Lower Upper

94 100

96 94.2 65.9 122.5



Abundance Ion 94.00 (93.70 to 94.70): VV0

Ion 96.00 (95.70 to 96.70): VV0

1.54

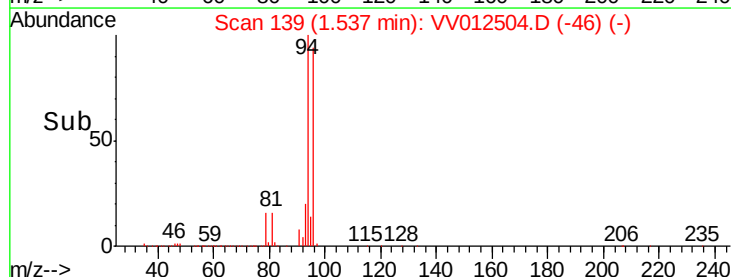
150000

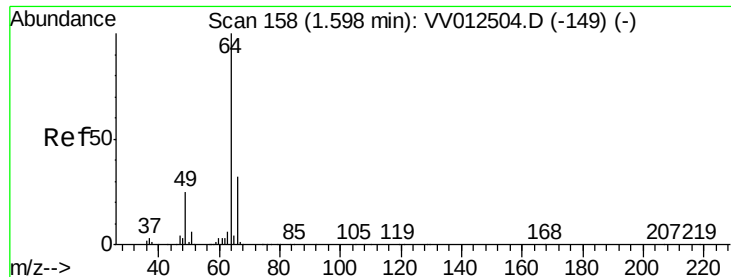
100000

50000

0

Time--> 1.50 1.55 1.60





#8

Chloroethane

Concen: 54.291 ug/L

RT: 1.60 min Scan# 158

Delta R.T. 0.00 min

Lab File: VV012504.D

Acq: 01 Sep 2019 12:35

Instrument :

MSVOA_V

ClientSampleId :

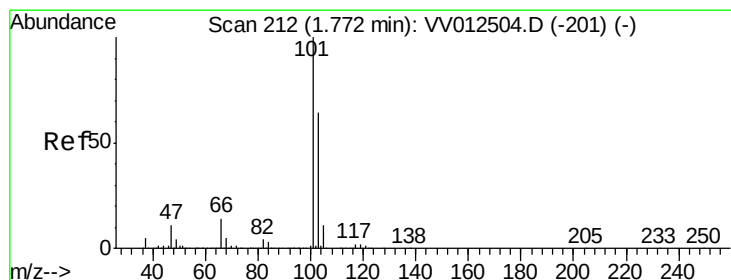
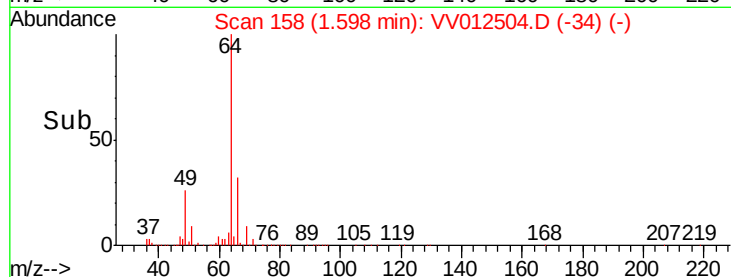
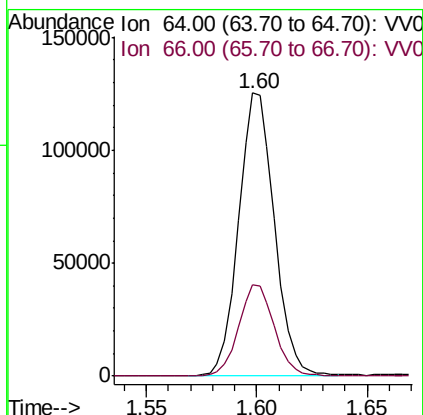
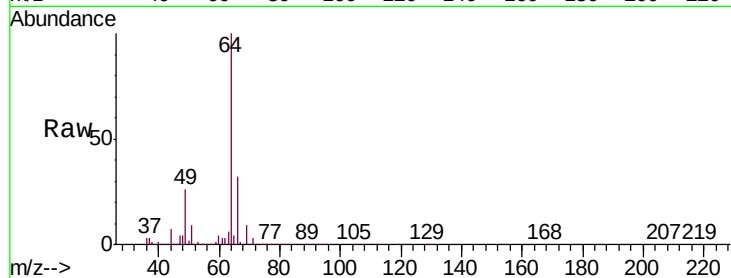
VSTD05064

Tgt Ion: 64 Resp: 140572

Ion Ratio Lower Upper

64 100

66 32.1 22.5 41.7



#9

Trichlorofluoromethane

Concen: 50.543 ug/L

RT: 1.77 min Scan# 212

Delta R.T. 0.00 min

Lab File: VV012504.D

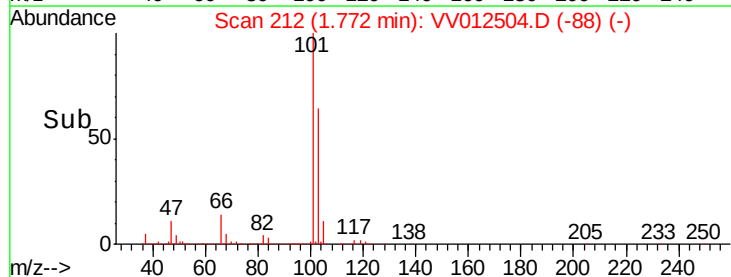
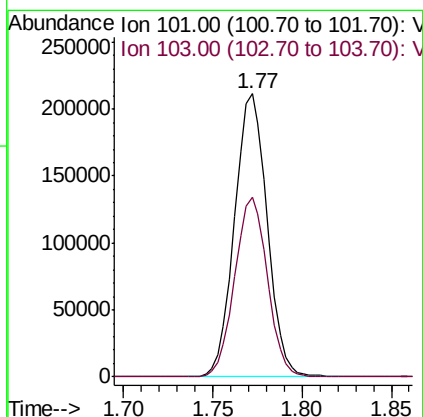
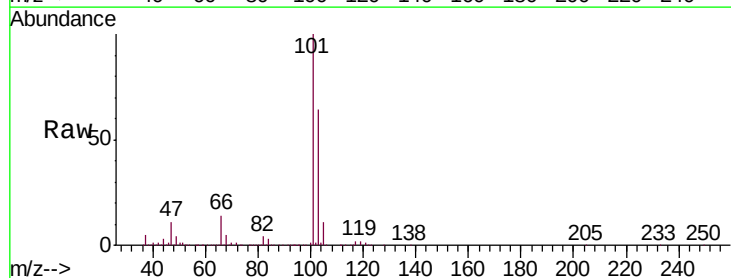
Acq: 01 Sep 2019 12:35

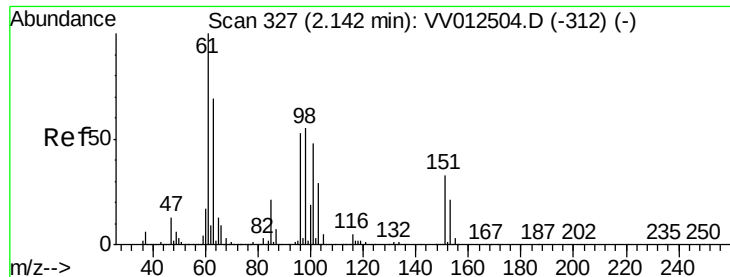
Tgt Ion: 101 Resp: 270350

Ion Ratio Lower Upper

101 100

103 63.6 50.9 76.3





#10

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

Concen: 50.686 ug/L

RT: 2.14 min Scan# 327

Delta R.T. 0.00 min

Lab File: VV012504.D

Acq: 01 Sep 2019 12:35

Instrument :

MSVOA_V

ClientSampleId :

VSTD05064

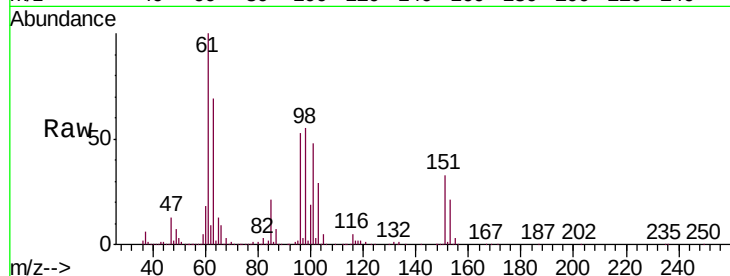
Tgt Ion: 101 Resp: 156568

Ion Ratio Lower Upper

101 100

85 45.2 36.2 54.2

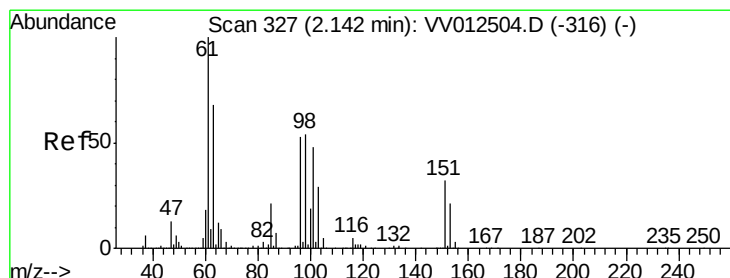
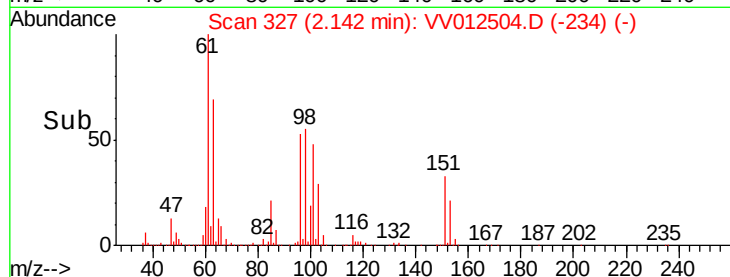
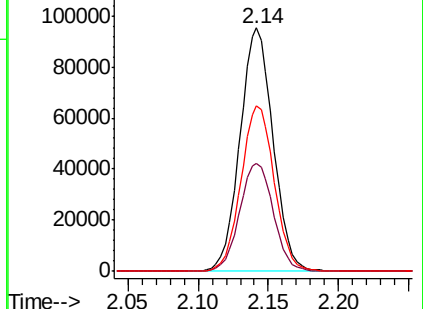
151 68.5 54.8 82.2



Abundance Ion 101.00 (100.70 to 101.70): VV012504.D (-312) (-)

Ion 85.00 (84.70 to 85.70): VV012504.D (-312) (-)

Ion 151.00 (150.70 to 151.70): VV012504.D (-312) (-)



#12

1,1-Dichloroethene

Concen: 50.003 ug/L

RT: 2.14 min Scan# 327

Delta R.T. 0.00 min

Lab File: VV012504.D

Acq: 01 Sep 2019 12:35

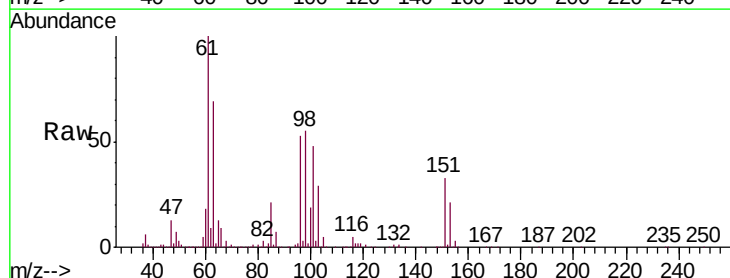
Tgt Ion: 96 Resp: 148838

Ion Ratio Lower Upper

96 100

61 189.2 132.4 246.0

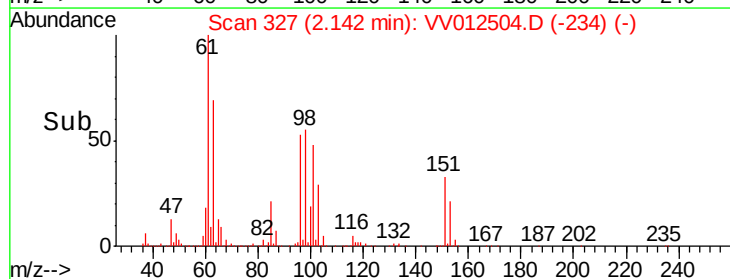
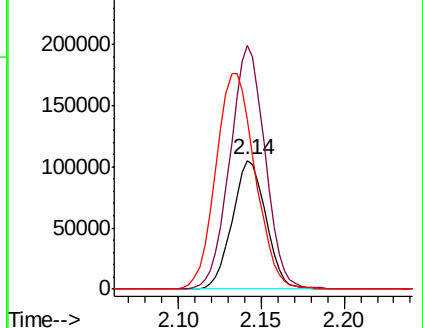
63 131.5 92.0 170.9

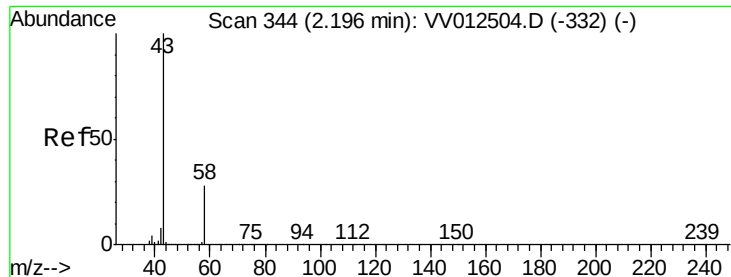


Abundance Ion 96.00 (95.70 to 96.70): VV012504.D (-316) (-)

Ion 61.00 (60.70 to 61.70): VV012504.D (-316) (-)

Ion 63.00 (62.70 to 63.70): VV012504.D (-316) (-)





#13

Acetone

Concen: 103.971 ug/L

RT: 2.20 min Scan# 344

Delta R.T. 0.00 min

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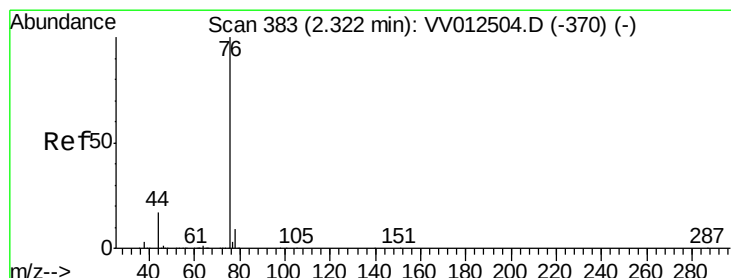
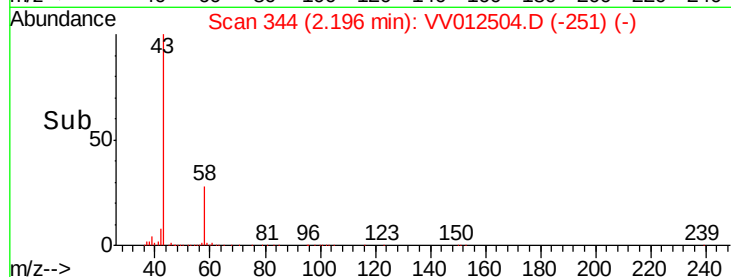
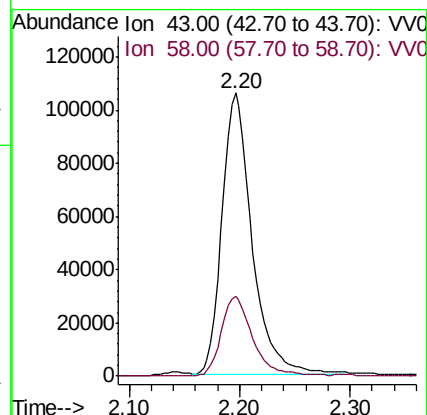
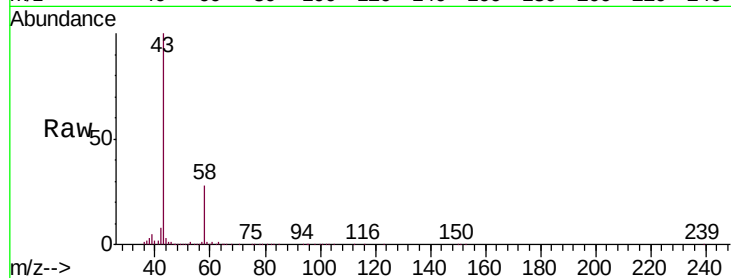
VSTD05064

Tgt Ion: 43 Resp: 200594

Ion Ratio Lower Upper

43 100

58 28.8 0.0 57.6



#14

Carbon disulfide

Concen: 49.579 ug/L

RT: 2.32 min Scan# 383

Delta R.T. 0.00 min

Lab File: VV012504.D

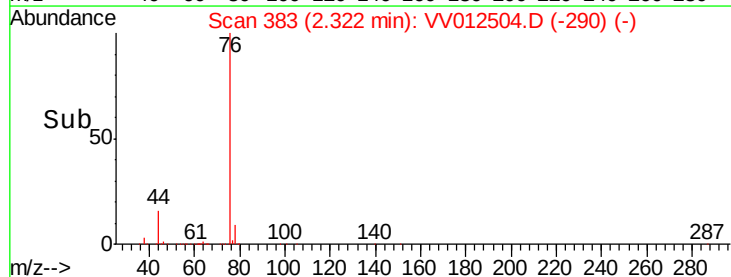
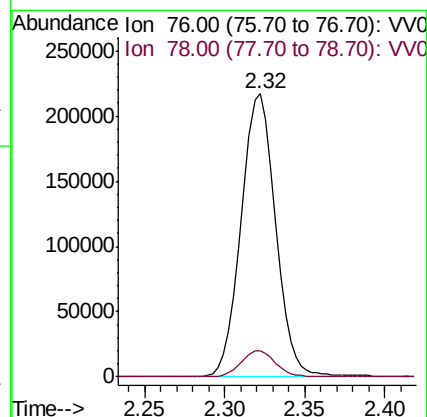
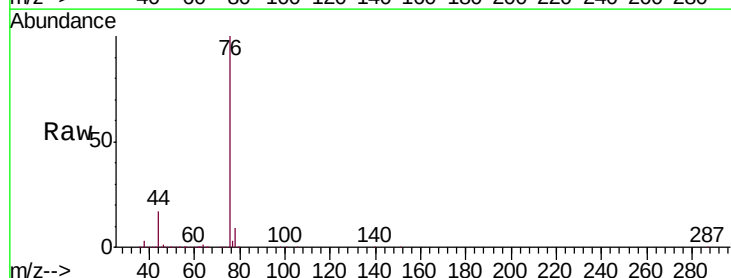
Acq: 01 Sep 2019 12:35

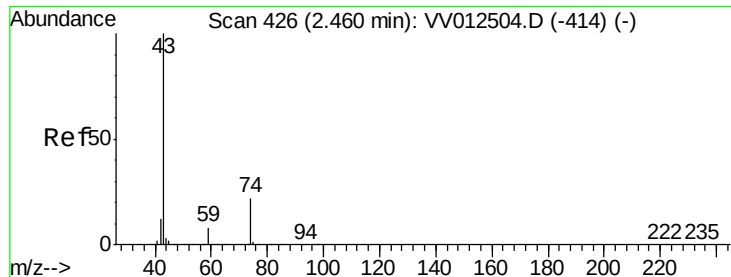
Tgt Ion: 76 Resp: 318713

Ion Ratio Lower Upper

76 100

78 9.3 7.4 11.2

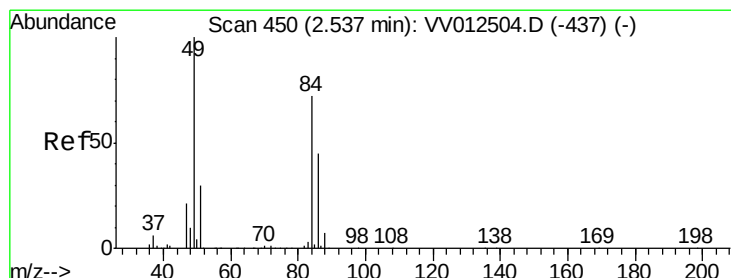
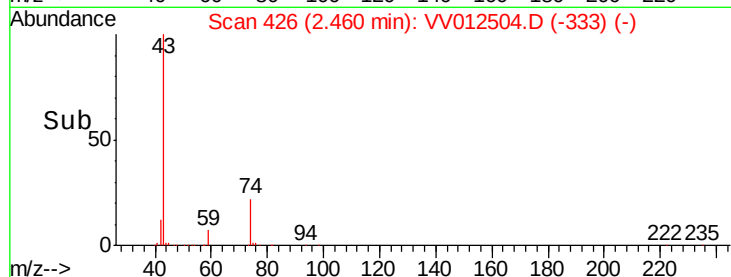
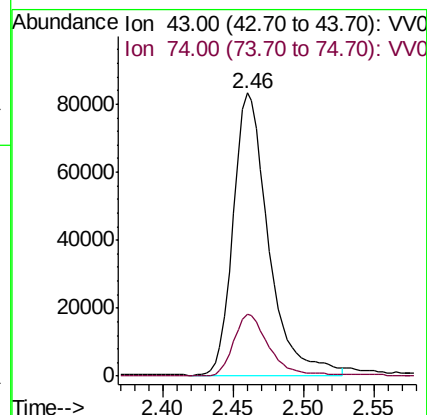
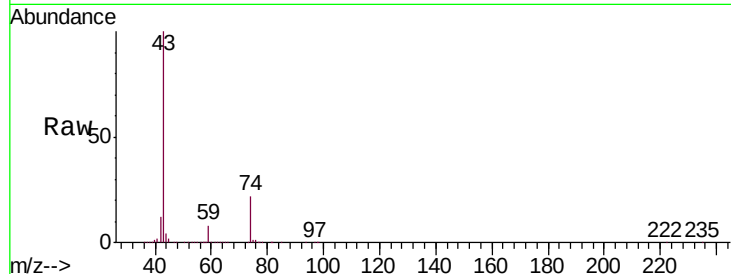




#15
Methyl Acetate
Concen: 51.299 ug/L
RT: 2.46 min Scan# 426
Delta R.T. 0.00 min
Lab File: VV012504.D
Acq: 01 Sep 2019 12:35

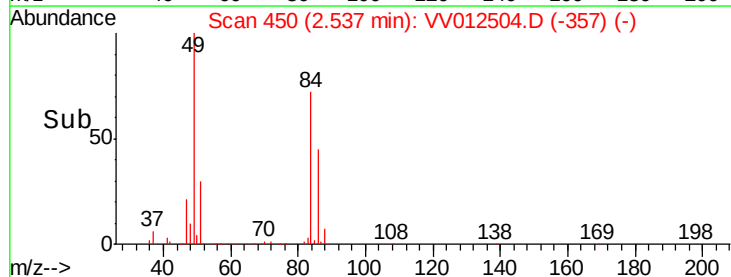
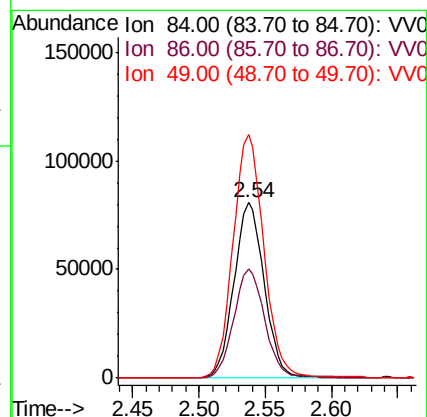
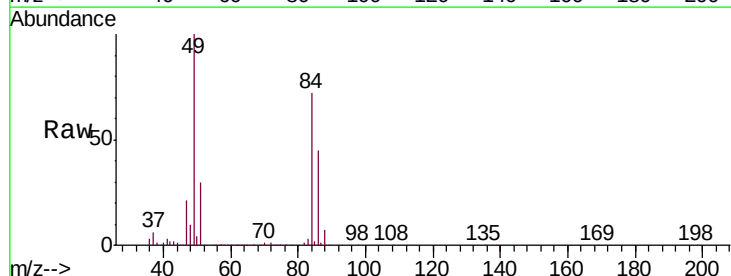
Instrument :
MSVOA_V
ClientSampleId :
VSTD05064

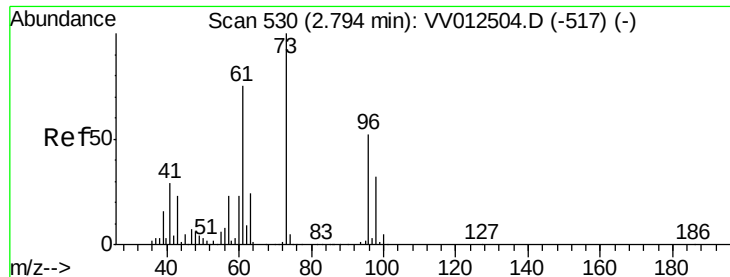
Tgt Ion: 43 Resp: 145129
Ion Ratio Lower Upper
43 100
74 22.5 18.0 27.0



#16
Methylene chloride
Concen: 50.034 ug/L
RT: 2.54 min Scan# 450
Delta R.T. 0.00 min
Lab File: VV012504.D
Acq: 01 Sep 2019 12:35

Tgt Ion: 84 Resp: 128753
Ion Ratio Lower Upper
84 100
86 62.1 43.5 80.7
49 139.0 97.3 180.7





#17

trans-1,2-Dichloroethene

Concen: 49.653 ug/L

RT: 2.79 min Scan# 530

Delta R.T. 0.00 min

Lab File: VV012504.D

Acq: 01 Sep 2019 12:35

Instrument :

MSVOA_V

ClientSampled :

VSTD05064

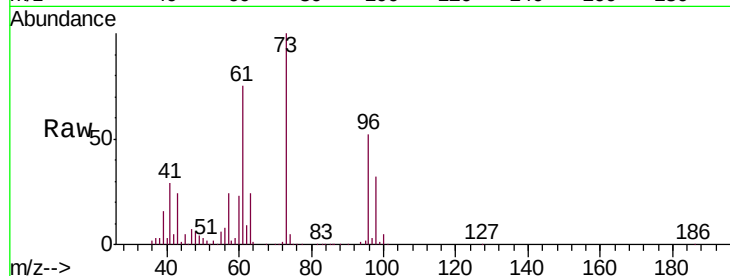
Tgt Ion: 96 Resp: 115185

Ion Ratio Lower Upper

96 100

61 144.8 101.4 188.2

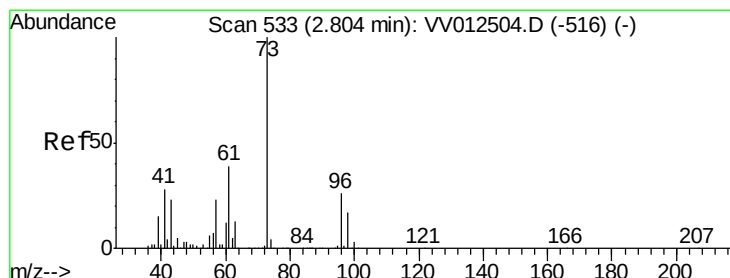
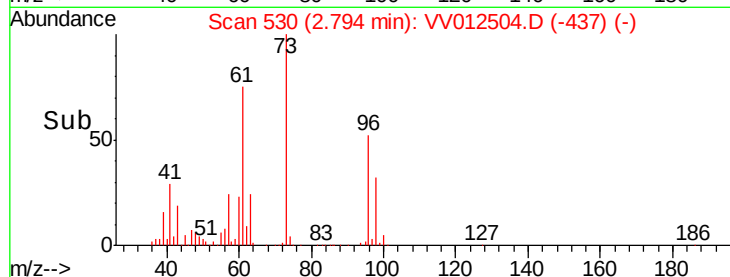
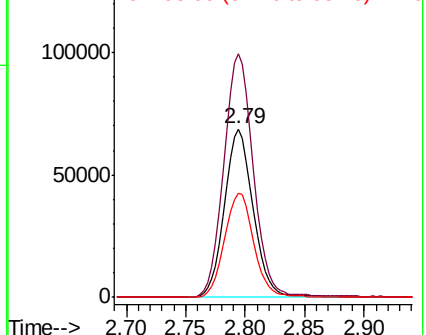
98 61.9 43.3 80.5



Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 98.00 (97.70 to 98.70): VV0



#18

Methyl tert-butyl Ether

Concen: 49.505 ug/L

RT: 2.80 min Scan# 533

Delta R.T. 0.00 min

Lab File: VV012504.D

Acq: 01 Sep 2019 12:35

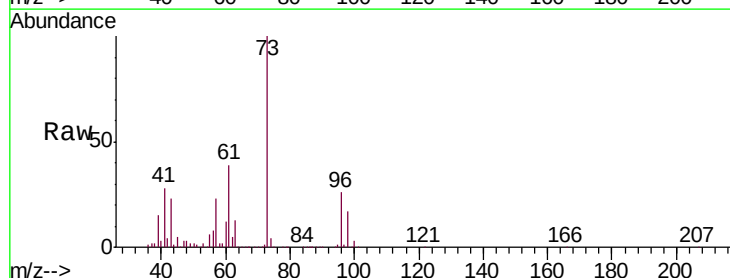
Tgt Ion: 73 Resp: 361006

Ion Ratio Lower Upper

73 100

43 22.6 18.1 27.1

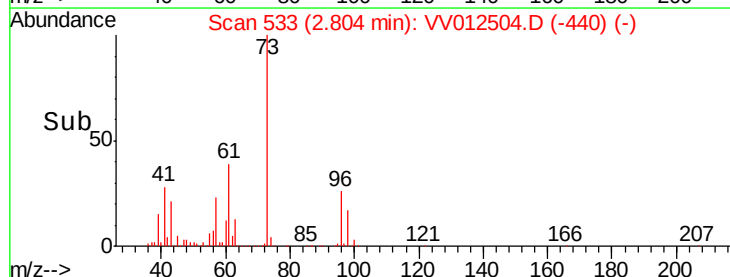
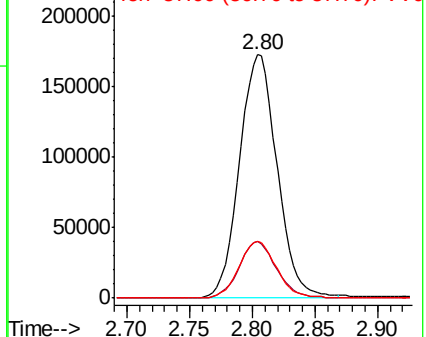
57 23.1 18.5 27.7

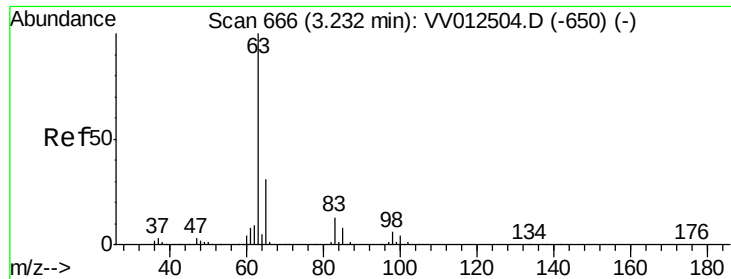


Abundance Ion 73.00 (72.70 to 73.70): VV0

Ion 43.00 (42.70 to 43.70): VV0

Ion 57.00 (56.70 to 57.70): VV0





#19

1,1-Dichloroethane

Concen: 50.268 ug/L

RT: 3.23 min Scan# 666

Delta R.T. 0.00 min

Lab File: VV012504.D

Acq: 01 Sep 2019 12:35

Instrument :

MSVOA_V

ClientSampleId :

VSTD05064

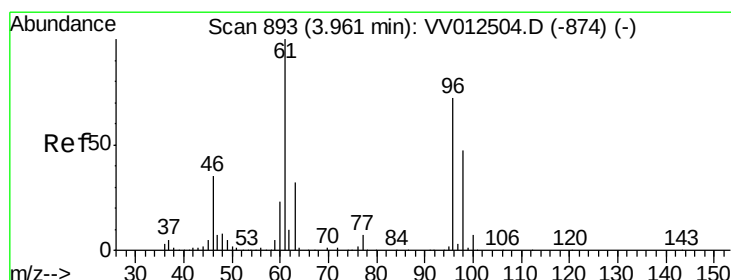
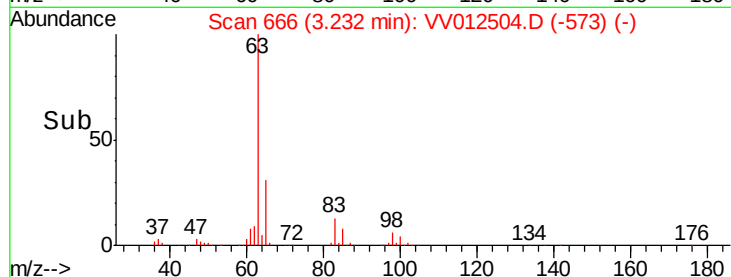
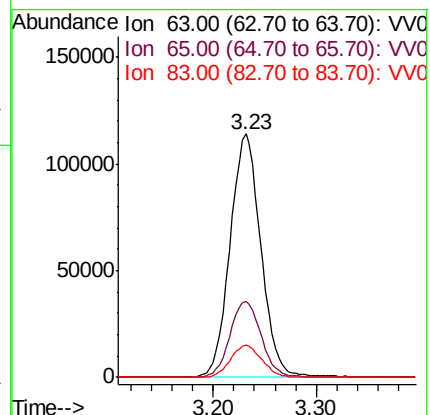
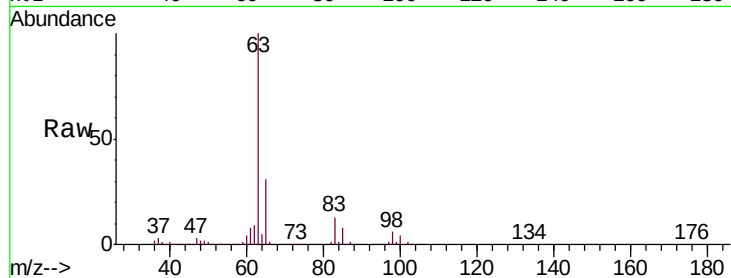
Tgt Ion: 63 Resp: 236224

Ion Ratio Lower Upper

63 100

65 31.2 21.8 40.6

83 13.3 9.3 17.3



#20

cis-1,2-Dichloroethene

Concen: 50.403 ug/L

RT: 3.96 min Scan# 893

Delta R.T. 0.00 min

Lab File: VV012504.D

Acq: 01 Sep 2019 12:35

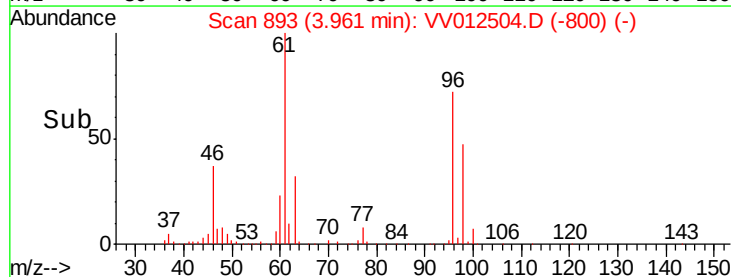
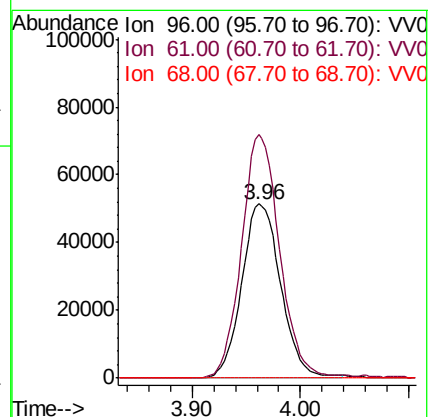
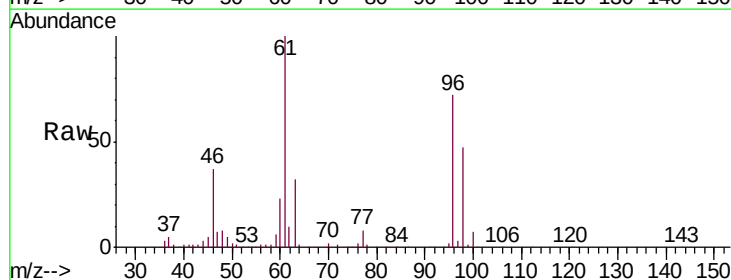
Tgt Ion: 96 Resp: 129266

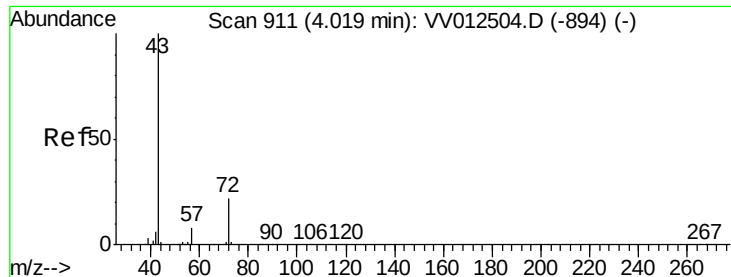
Ion Ratio Lower Upper

96 100

61 139.7 97.8 181.6

68 0.0 0.0 0.0





#22

2-Butanone

Concen: 108.269 ug/L

RT: 4.02 min Scan# 911

Delta R.T. 0.00 min

Lab File: VV012504.D

Acq: 01 Sep 2019 12:35

Instrument :

MSVOA_V

ClientSampleId :

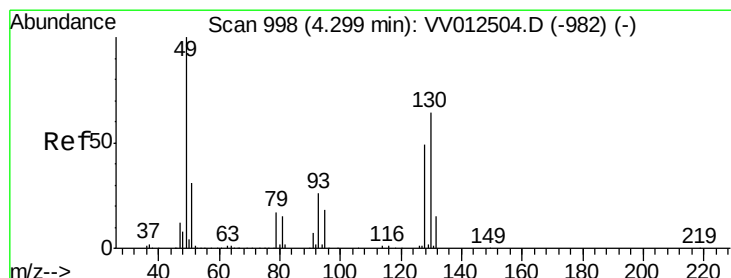
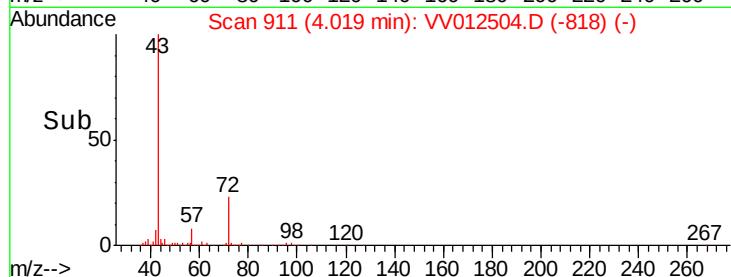
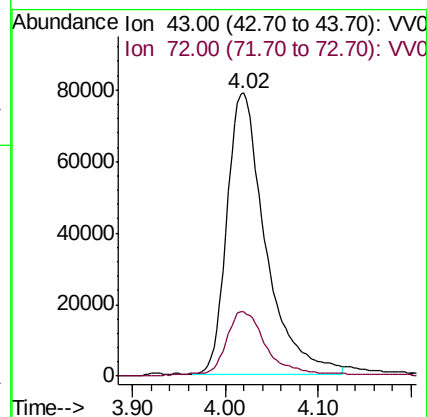
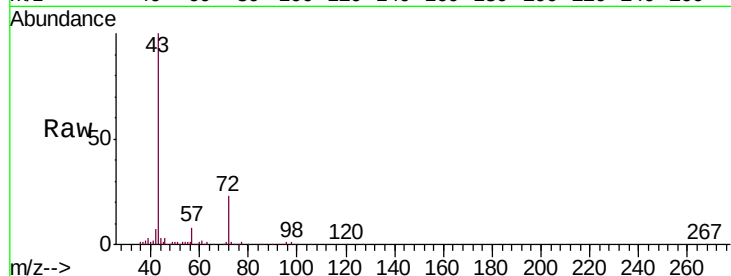
VSTD05064

Tgt Ion: 43 Resp: 227610

Ion Ratio Lower Upper

43 100

72 21.8 10.9 32.7



#23

Bromochloromethane

Concen: 49.815 ug/L

RT: 4.30 min Scan# 998

Delta R.T. 0.00 min

Lab File: VV012504.D

Acq: 01 Sep 2019 12:35

Tgt Ion: 128 Resp: 61363

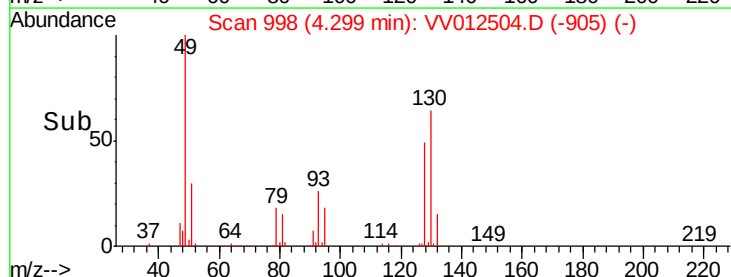
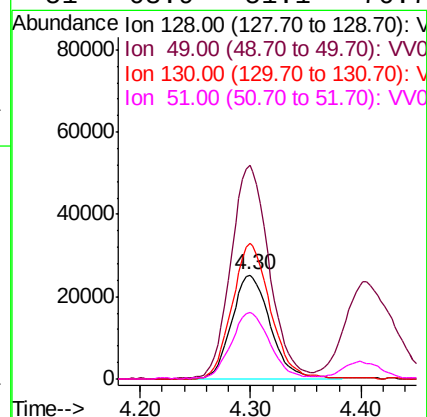
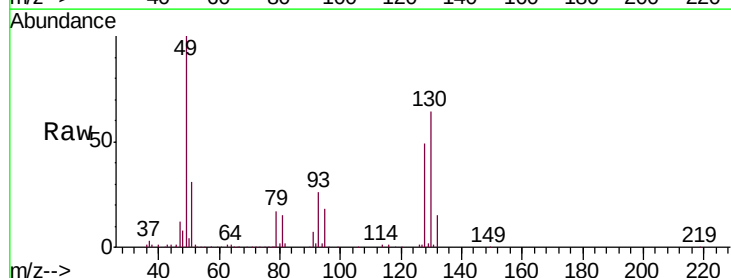
Ion Ratio Lower Upper

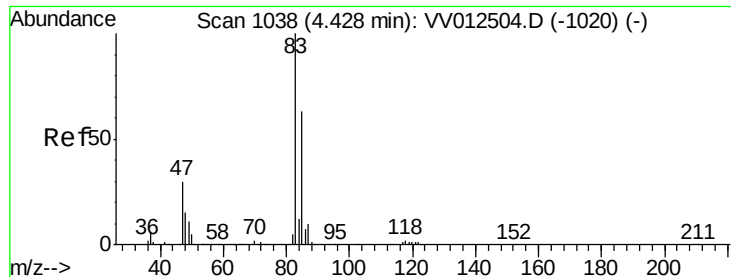
128 100

49 205.8 144.1 267.5

130 130.9 91.6 170.2

51 63.9 51.1 76.7

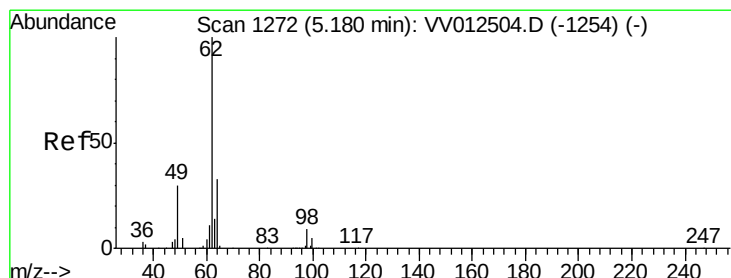
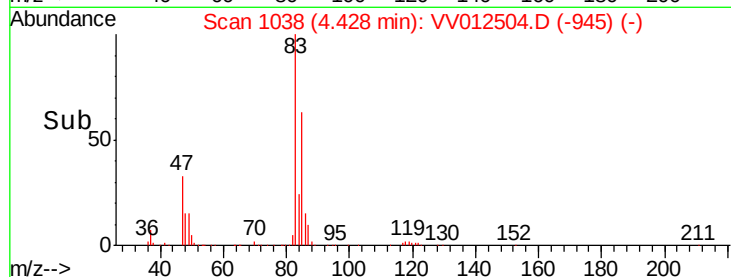
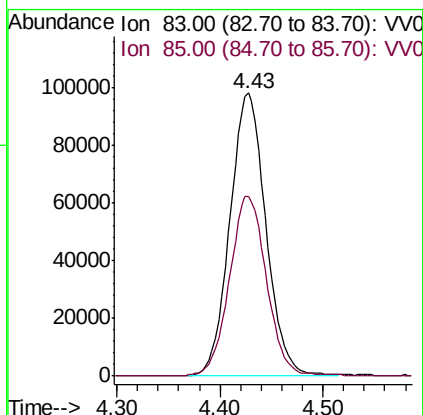
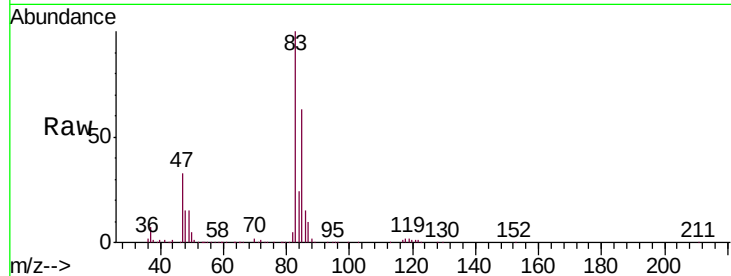




#25
Chloroform
Concen: 50.035 ug/L
RT: 4.43 min Scan# 1038
Delta R.T. 0.00 min
Lab File: VV012504.D
Acq: 01 Sep 2019 12:35

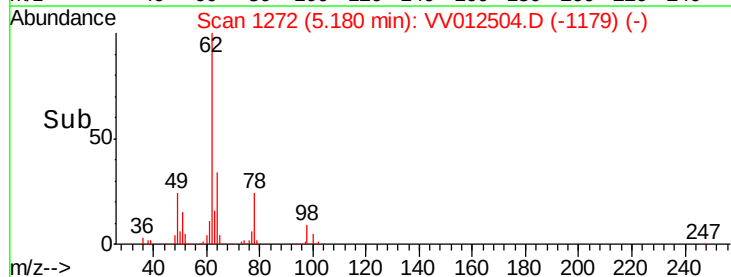
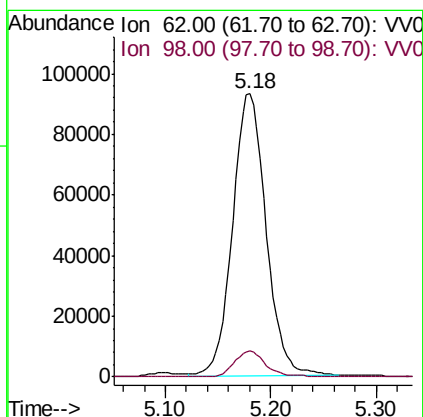
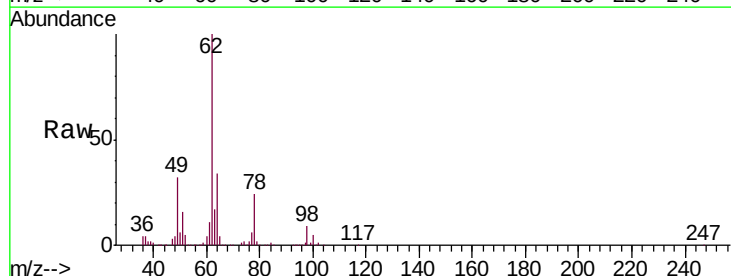
Instrument :
MSVOA_V
ClientSampleId :
VSTD05064

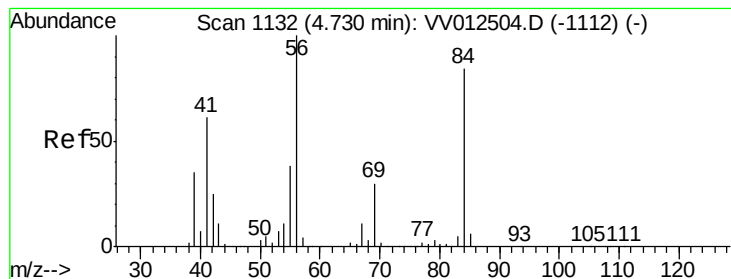
Tgt Ion: 83 Resp: 239097
Ion Ratio Lower Upper
83 100
85 63.4 44.4 82.4



#27
1,2-Dichloroethane
Concen: 51.201 ug/L
RT: 5.18 min Scan# 1272
Delta R.T. 0.00 min
Lab File: VV012504.D
Acq: 01 Sep 2019 12:35

Tgt Ion: 62 Resp: 204706
Ion Ratio Lower Upper
62 100
98 9.1 7.3 10.9





#29

Cyclohexane

Concen: 50.059 ug/L

RT: 4.73 min Scan# 1132

Delta R.T. 0.00 min

Lab File: VV012504.D

Acq: 01 Sep 2019 12:35

Instrument :

MSVOA_V

ClientSampleId :

VSTD05064

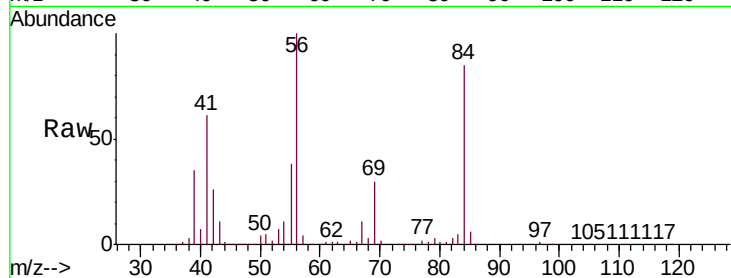
Tgt Ion: 56 Resp: 206171

Ion Ratio Lower Upper

56 100

69 29.4 23.5 35.3

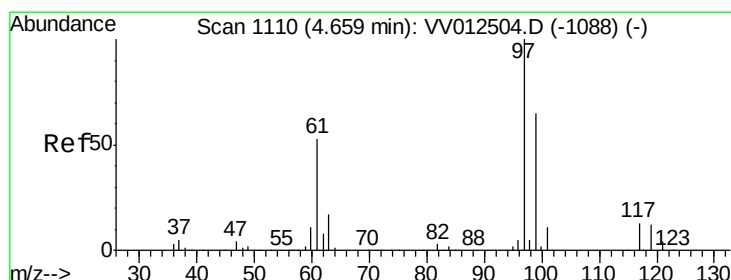
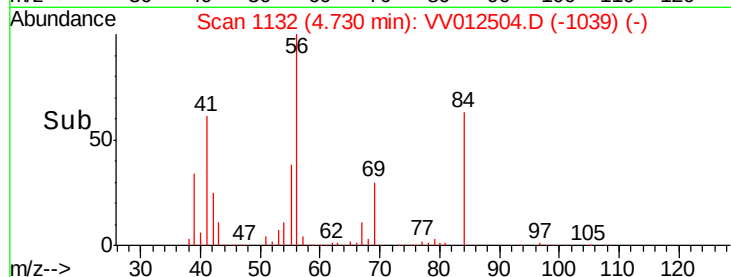
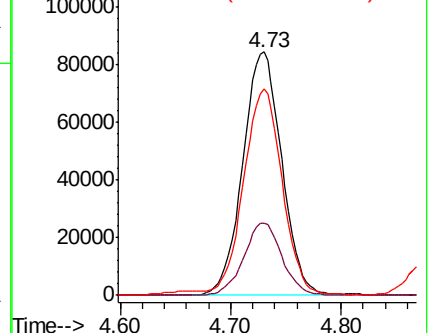
84 82.8 66.2 99.4



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



#30

1,1,1-Trichloroethane

Concen: 48.470 ug/L

RT: 4.66 min Scan# 1110

Delta R.T. 0.00 min

Lab File: VV012504.D

Acq: 01 Sep 2019 12:35

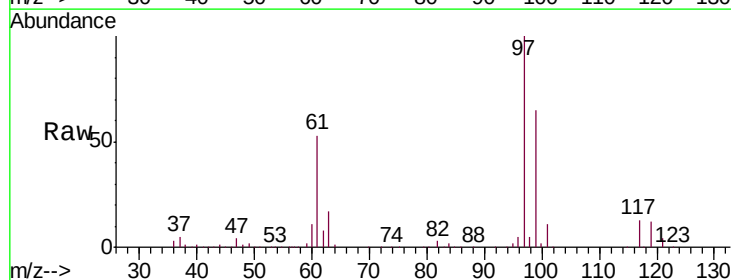
Tgt Ion: 97 Resp: 192750

Ion Ratio Lower Upper

97 100

99 63.3 50.6 76.0

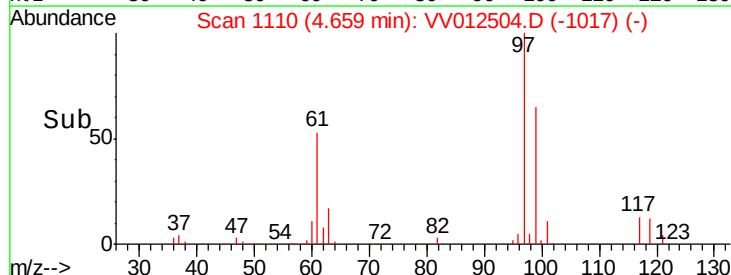
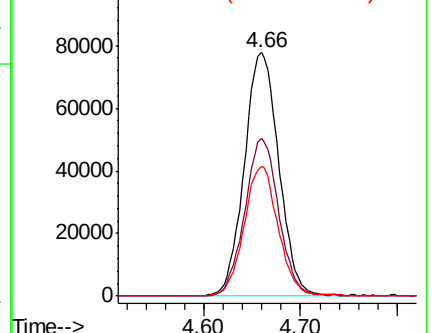
61 52.1 41.7 62.5

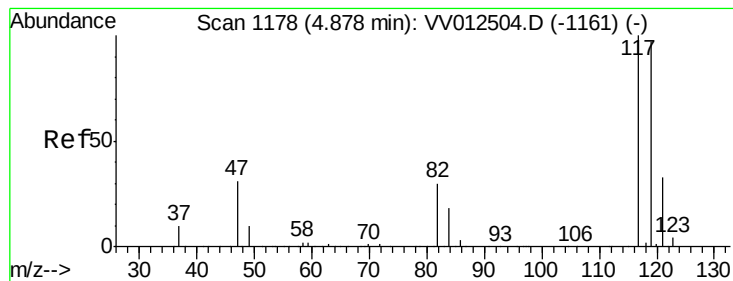


Abundance Ion 97.00 (96.70 to 97.70): VV0

Ion 99.00 (98.70 to 99.70): VV0

Ion 61.05 (60.75 to 61.75): VV0





#31

Carbon tetrachloride

Concen: 48.312 ug/L

RT: 4.88 min Scan# 1178

Delta R.T. 0.00 min

Lab File: VV012504.D

Acq: 01 Sep 2019 12:35

Instrument :

MSVOA_V

ClientSampleId :

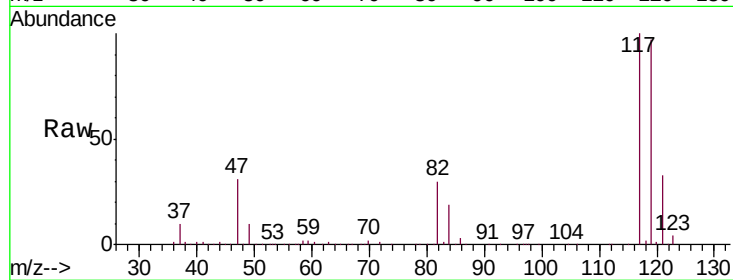
VSTD05064

Tgt Ion:117 Resp: 163348

Ion Ratio Lower Upper

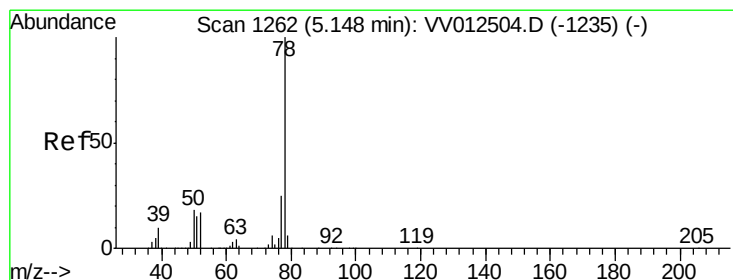
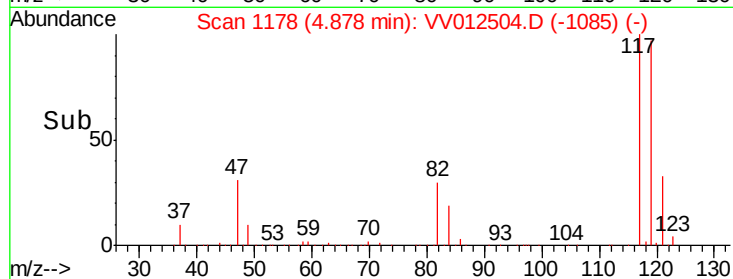
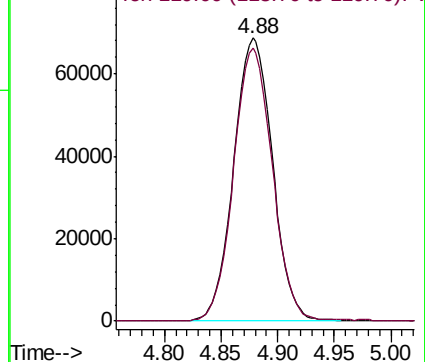
117 100

119 96.9 77.5 116.3



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V



#33

Benzene

Concen: 49.759 ug/L

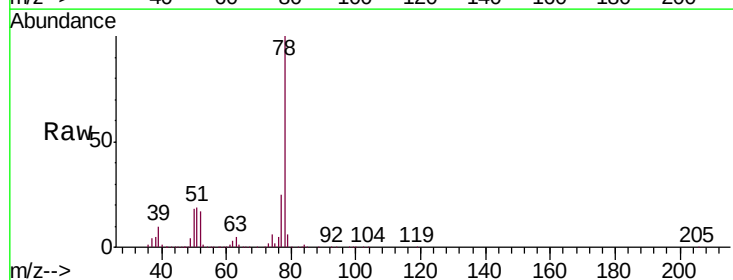
RT: 5.15 min Scan# 1262

Delta R.T. 0.00 min

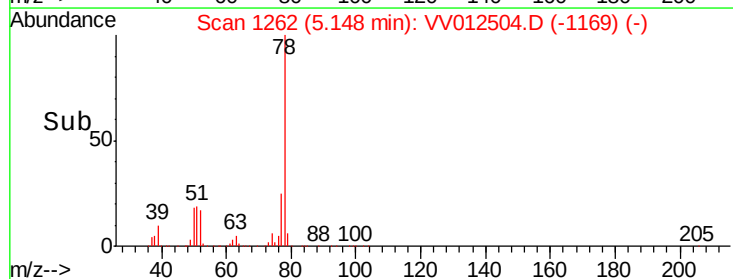
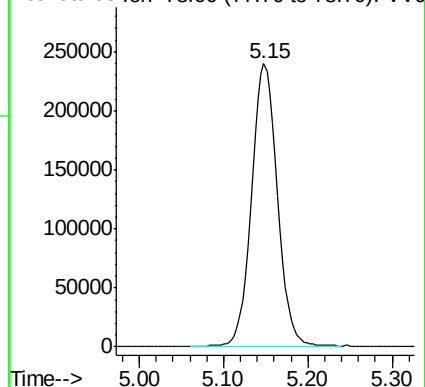
Lab File: VV012504.D

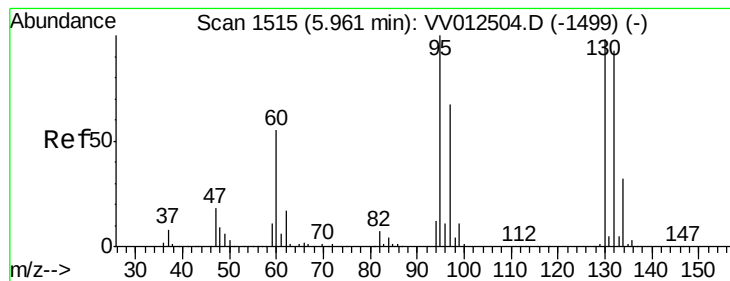
Acq: 01 Sep 2019 12:35

Tgt Ion: 78 Resp: 512732



Abundance Ion 78.00 (77.70 to 78.70): VV0





#34

Trichloroethene

Concen: 46.745 ug/L

RT: 5.96 min Scan# 1515

Delta R.T. 0.00 min

Lab File: VV012504.D

Acq: 01 Sep 2019 12:35

Instrument :

MSVOA_V

ClientSampleId :

VSTD05064

Tgt Ion: 95 Resp: 132989

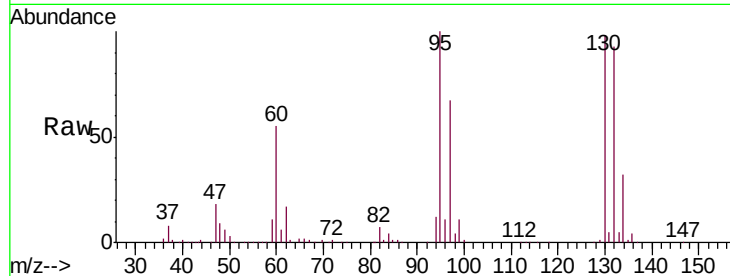
Ion Ratio Lower Upper

95 100

97 66.8 46.8 86.8

132 92.7 64.9 120.5

130 98.3 68.8 127.8

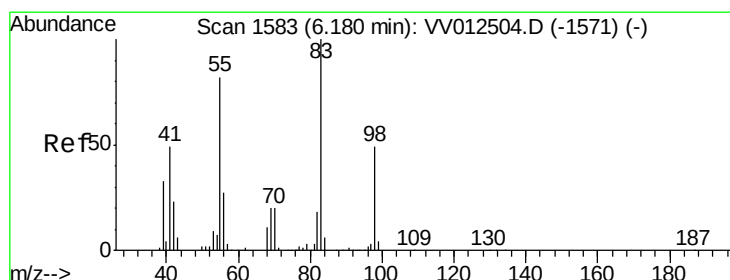
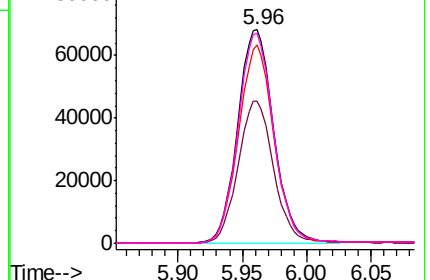
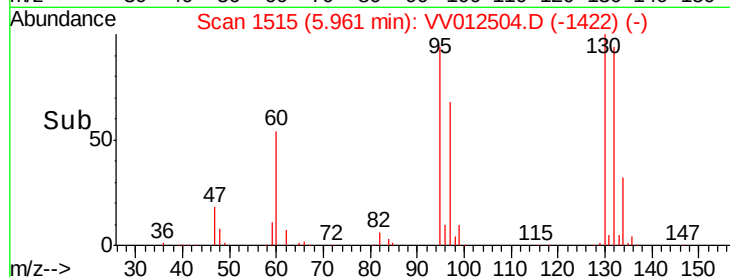


Abundance Ion 95.00 (94.70 to 95.70): VV0

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



#35

Methylcyclohexane

Concen: 50.475 ug/L

RT: 6.18 min Scan# 1583

Delta R.T. 0.00 min

Lab File: VV012504.D

Acq: 01 Sep 2019 12:35

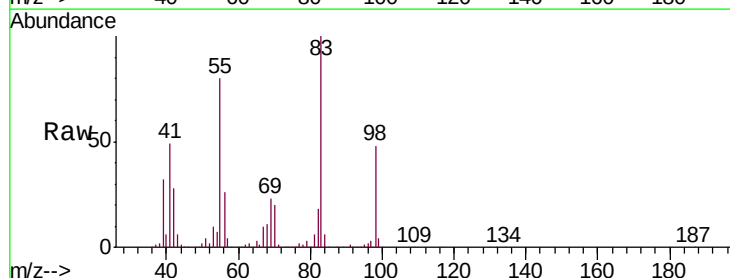
Tgt Ion: 83 Resp: 208325

Ion Ratio Lower Upper

83 100

55 81.4 65.1 97.7

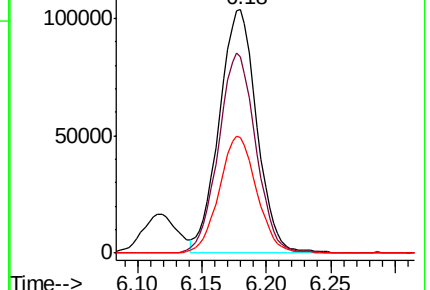
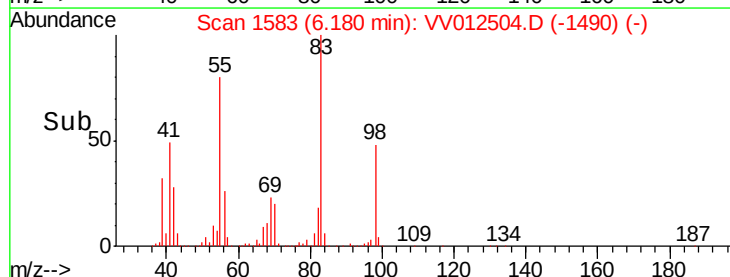
98 48.1 38.5 57.7

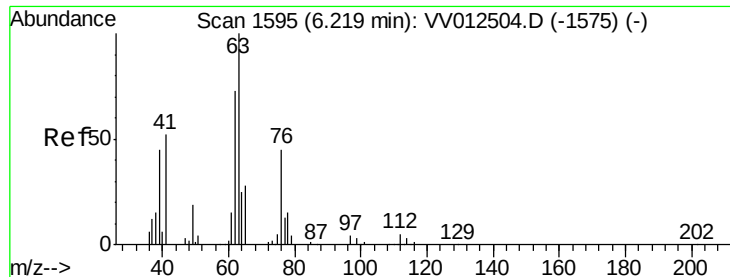


Abundance Ion 83.00 (82.70 to 83.70): VV0

Ion 55.00 (54.70 to 55.70): VV0

Ion 98.00 (97.70 to 98.70): VV0

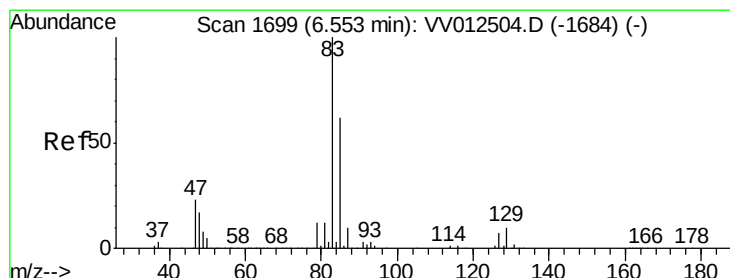
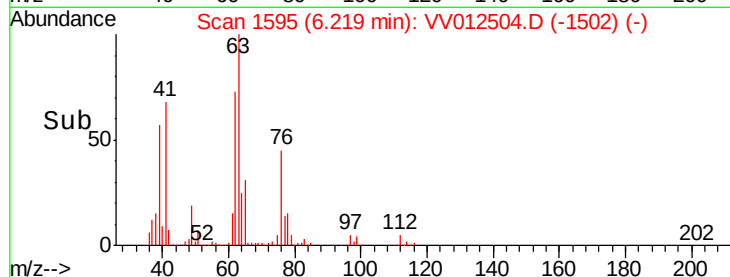
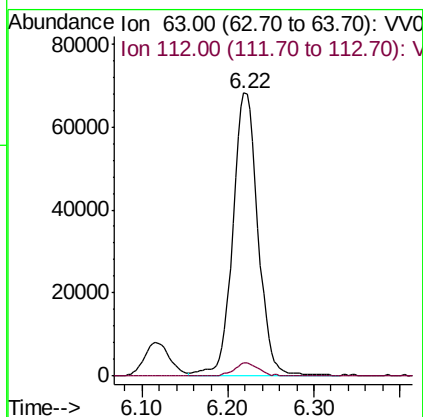
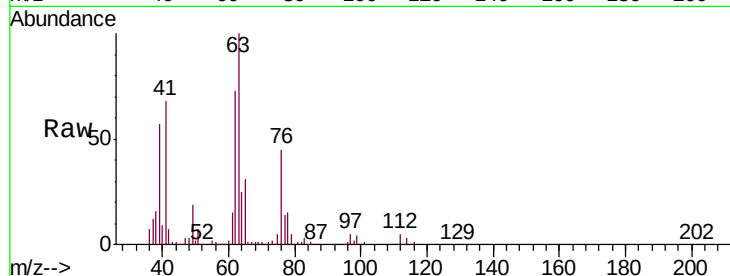




#37
 1,2-Dichloropropane
 Concen: 49.351 ug/L
 RT: 6.22 min Scan# 1595
 Delta R.T. 0.00 min
 Lab File: VV012504.D
 Acq: 01 Sep 2019 12:35

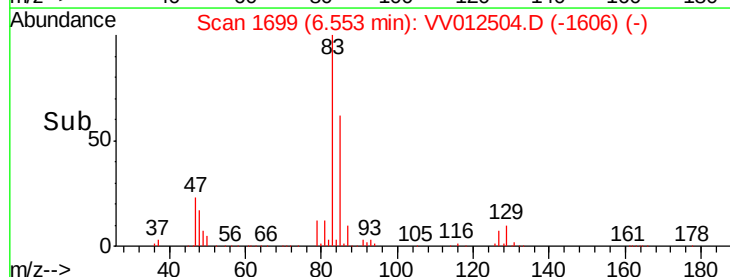
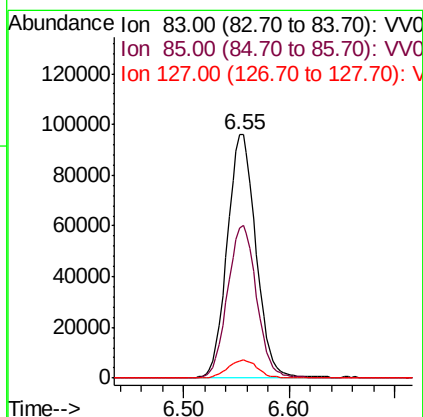
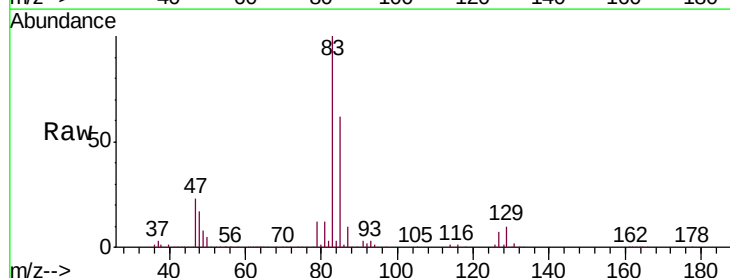
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05064

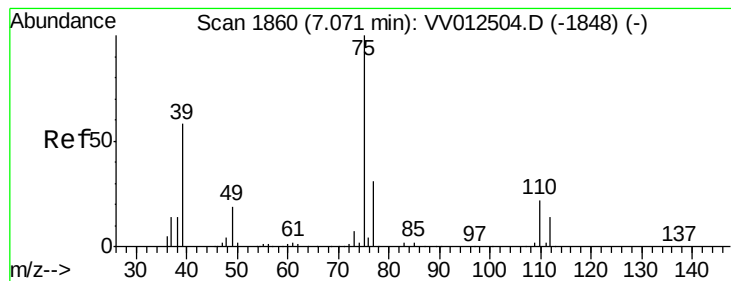
Tgt Ion: 63 Resp: 136973
 Ion Ratio Lower Upper
 63 100
 112 4.4 3.5 5.3



#38
 Bromodichloromethane
 Concen: 49.635 ug/L
 RT: 6.55 min Scan# 1699
 Delta R.T. 0.00 min
 Lab File: VV012504.D
 Acq: 01 Sep 2019 12:35

Tgt Ion: 83 Resp: 181608
 Ion Ratio Lower Upper
 83 100
 85 61.6 43.1 80.1
 127 7.0 5.6 8.4





#39

cis-1,3-Dichloropropene

Concen: 48.778 ug/L

RT: 7.07 min Scan# 1860

Delta R.T. 0.00 min

Lab File: VV012504.D

Acq: 01 Sep 2019 12:35

Instrument :

MSVOA_V

ClientSampleId :

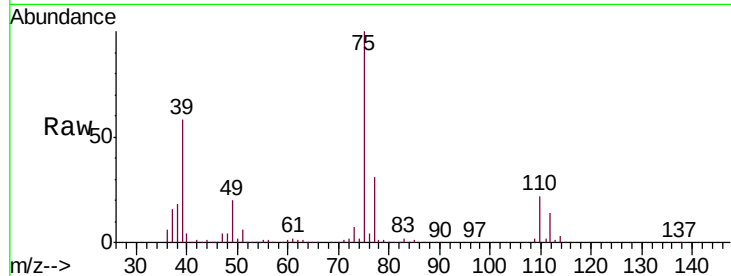
VSTD05064

Tgt Ion: 75 Resp: 194062

Ion Ratio Lower Upper

75 100

77 31.2 21.8 40.6



Abundance Ion 75.00 (74.70 to 75.70): VV012504.D (-1848) (-)

Ion 77.00 (76.70 to 77.70): VV012504.D (-1848) (-)

7.07

120000

100000

80000

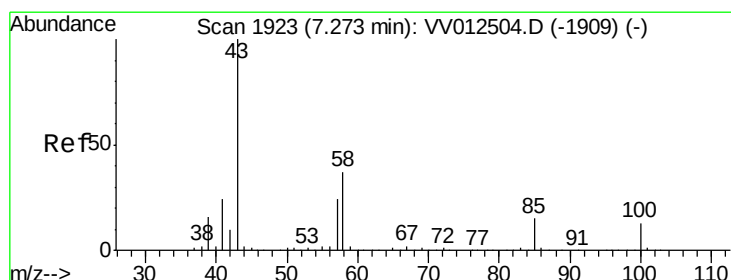
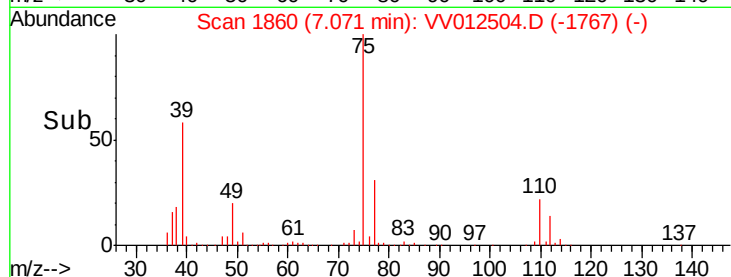
60000

40000

20000

0

Time-->



#40

4-Methyl-2-pentanone

Concen: 102.530 ug/L

RT: 7.27 min Scan# 1923

Delta R.T. 0.00 min

Lab File: VV012504.D

Acq: 01 Sep 2019 12:35

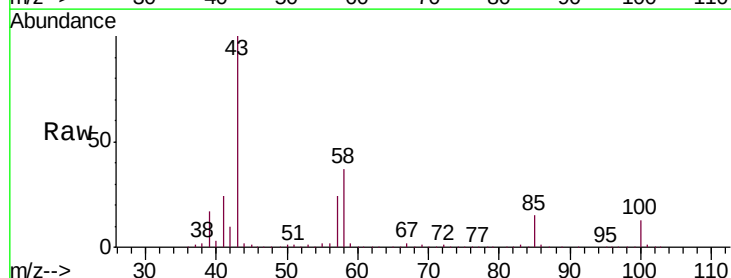
Tgt Ion: 43 Resp: 398226

Ion Ratio Lower Upper

43 100

58 37.2 29.8 44.6

100 13.3 10.6 16.0



Abundance Ion 43.00 (42.70 to 43.70): VV012504.D (-1909) (-)

Ion 58.00 (57.70 to 58.70): VV012504.D (-1909) (-)

Ion 100.00 (99.70 to 100.70): VV012504.D (-1909) (-)

7.27

250000

200000

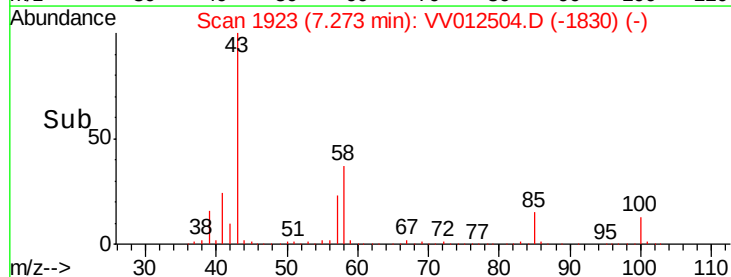
150000

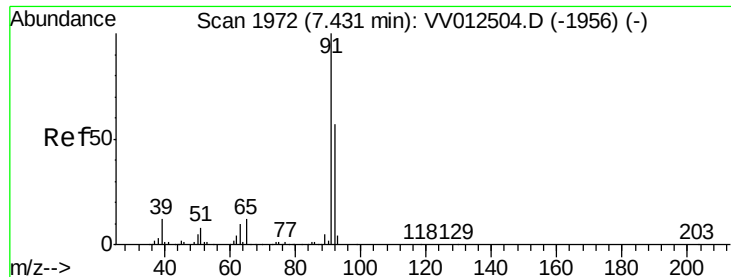
100000

50000

0

Time-->





#42

Toluene

Concen: 51.249 ug/L

RT: 7.43 min Scan# 1972

Delta R.T. 0.00 min

Lab File: VV012504.D

Acq: 01 Sep 2019 12:35

Instrument :

MSVOA_V

ClientSampleId :

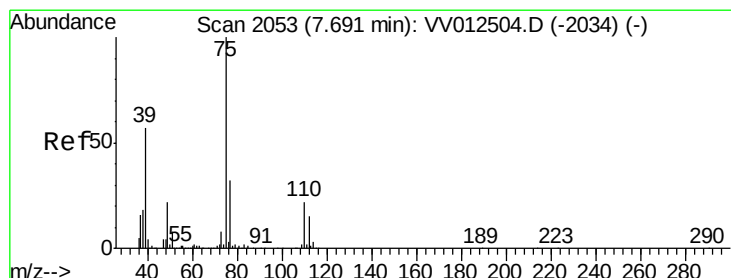
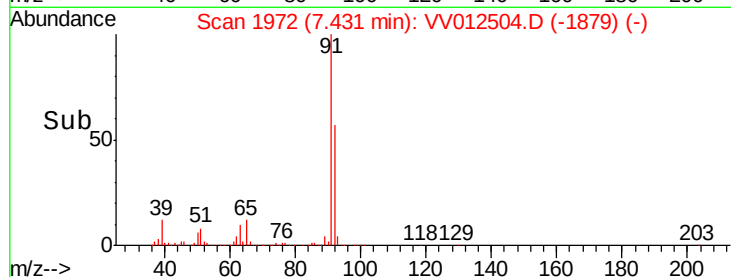
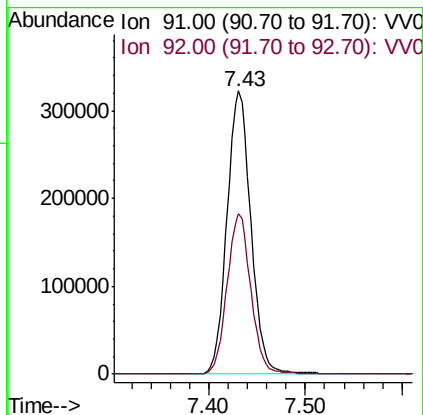
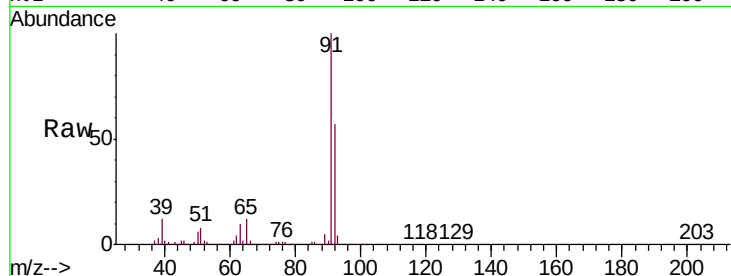
VSTD05064

Tgt Ion: 91 Resp: 554401

Ion Ratio Lower Upper

91 100

92 56.8 39.8 73.8



#44

trans-1,3-Dichloropropene

Concen: 49.218 ug/L

RT: 7.69 min Scan# 2053

Delta R.T. 0.00 min

Lab File: VV012504.D

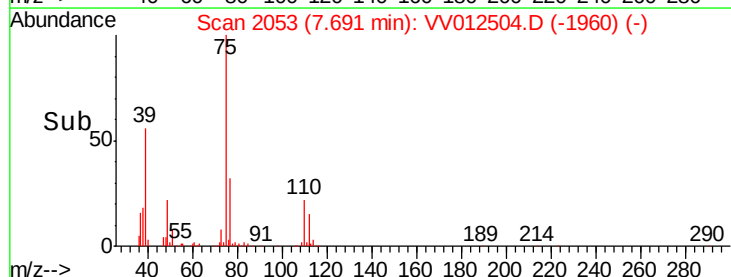
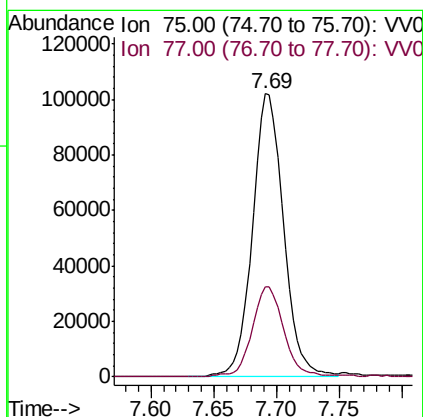
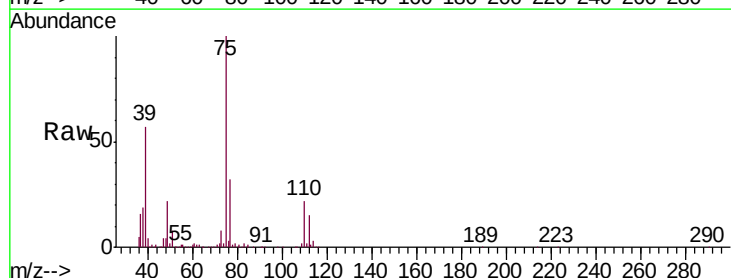
Acq: 01 Sep 2019 12:35

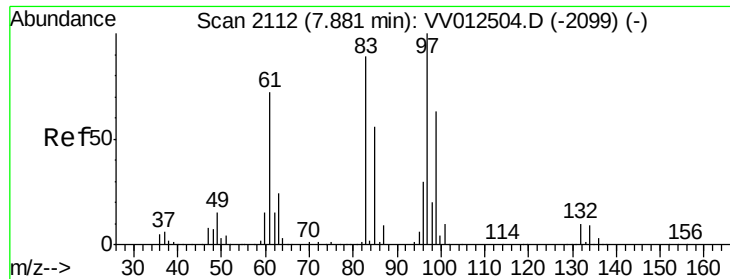
Tgt Ion: 75 Resp: 177191

Ion Ratio Lower Upper

75 100

77 31.8 22.3 41.3

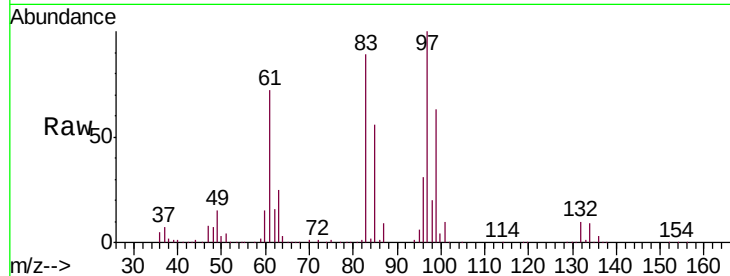




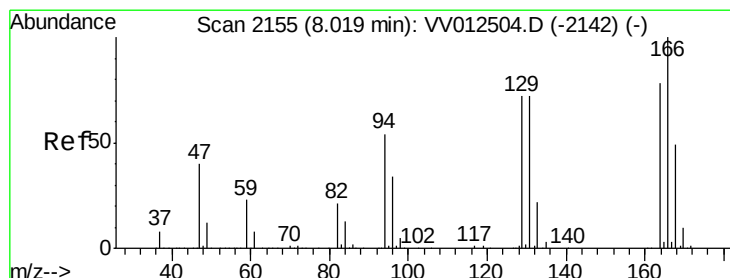
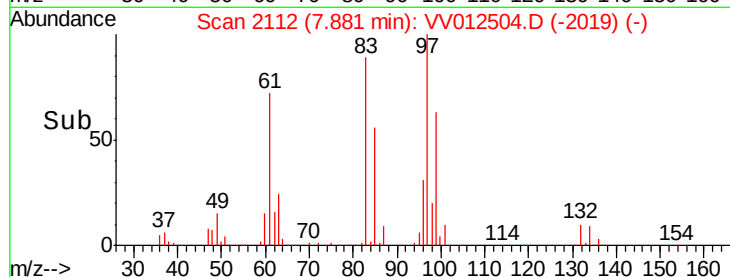
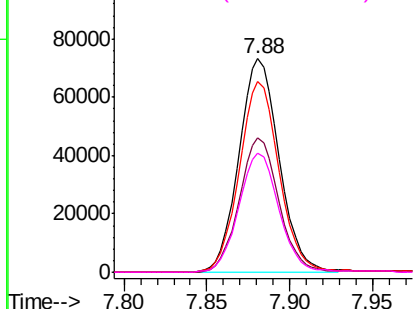
#45
 1,1,2-Trichloroethane
 Concen: 49.192 ug/L
 RT: 7.88 min Scan# 2112
 Delta R.T. 0.00 min
 Lab File: VV012504.D
 Acq: 01 Sep 2019 12:35

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05064

Tgt Ion:	97	Resp:	123409
Ion	Ratio	Lower	Upper
97	100		
99	62.8	44.0	81.6
83	89.0	62.3	115.7
85	55.8	39.1	72.5

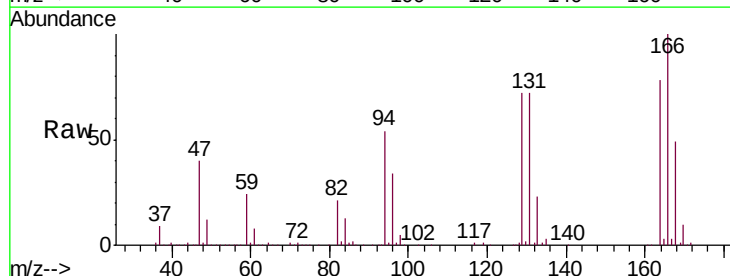


Abundance Ion 97.00 (96.70 to 97.70): VV0
 Ion 99.00 (98.70 to 99.70): VV0
 Ion 83.00 (82.70 to 83.70): VV0
 Ion 85.00 (84.70 to 85.70): VV0

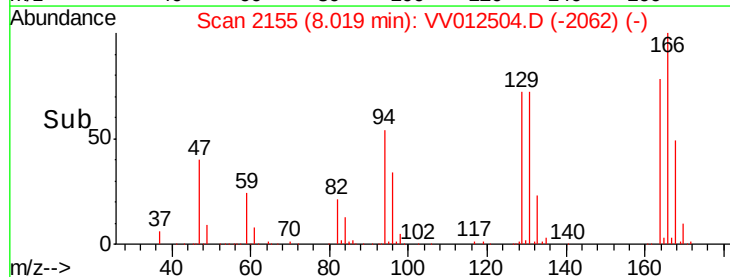
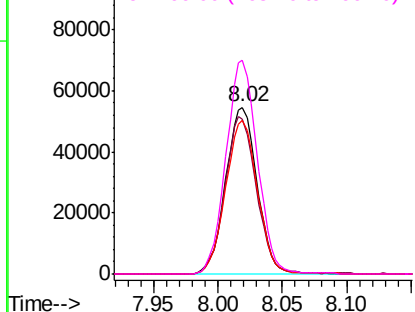


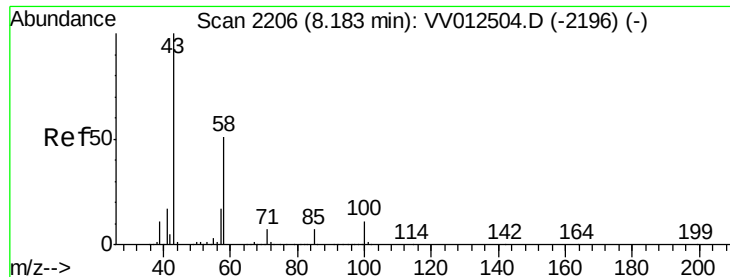
#46
 Tetrachloroethene
 Concen: 48.341 ug/L
 RT: 8.02 min Scan# 2155
 Delta R.T. 0.00 min
 Lab File: VV012504.D
 Acq: 01 Sep 2019 12:35

Tgt Ion:	164	Resp:	92548
Ion	Ratio	Lower	Upper
164	100		
129	92.6	64.8	120.4
131	91.9	64.3	119.5
166	128.2	89.7	166.7



Abundance Ion 164.00 (163.70 to 164.70): V
 Ion 129.00 (128.70 to 129.70): V
 Ion 131.00 (130.70 to 131.70): V
 Ion 166.00 (165.70 to 166.70): V

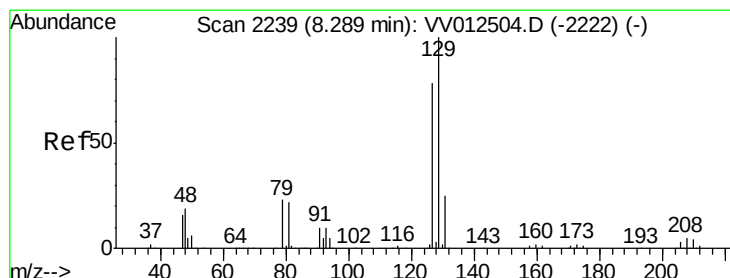
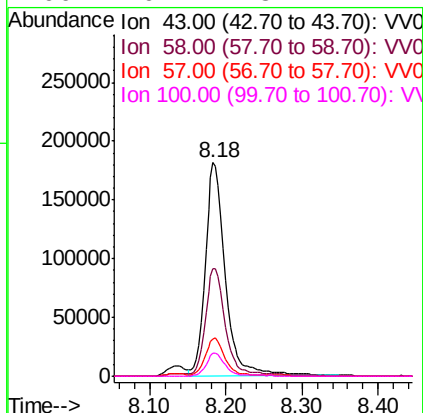
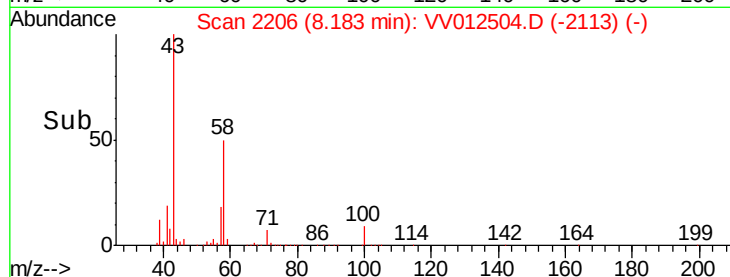
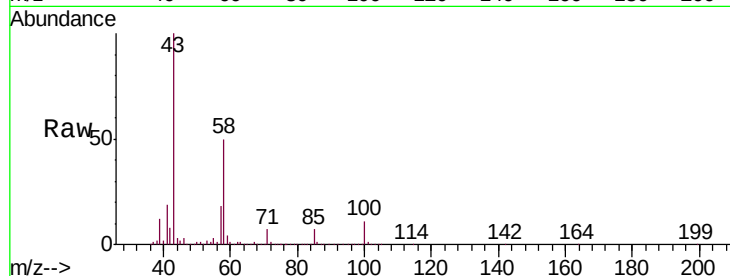




#48
2-Hexanone
Concen: 109.775 ug/L
RT: 8.18 min Scan# 2206
Delta R.T. 0.00 min
Lab File: VV012504.D
Acq: 01 Sep 2019 12:35

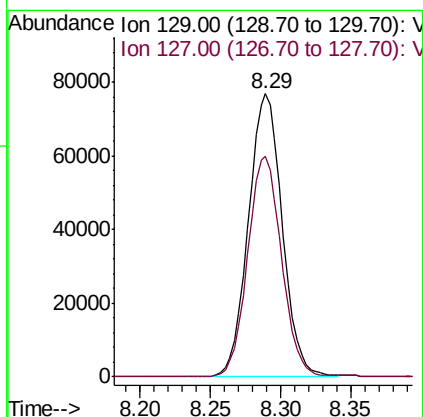
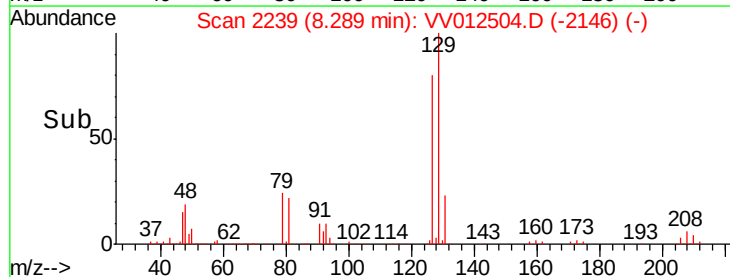
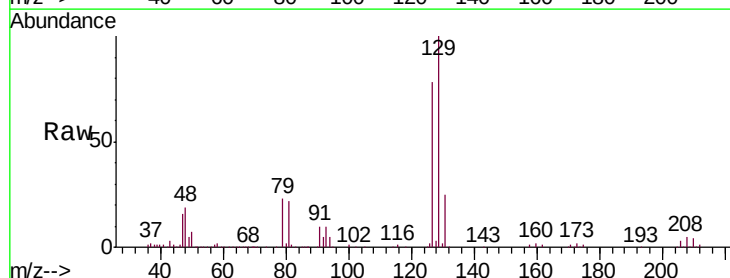
Instrument :
MSVOA_V
ClientSampled :
VSTD05064

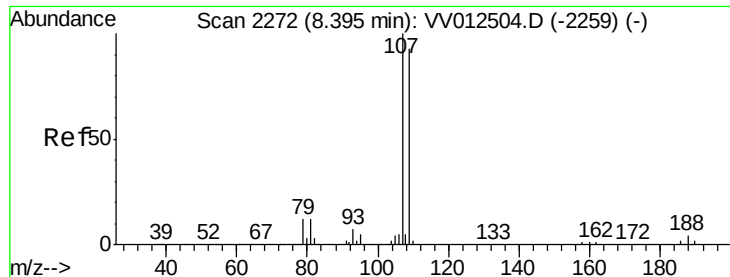
Tgt Ion: 43 Resp: 333856
Ion Ratio Lower Upper
43 100
58 50.8 40.6 61.0
57 16.6 13.3 19.9
100 10.1 8.1 12.1



#49
Dibromochloromethane
Concen: 49.134 ug/L
RT: 8.29 min Scan# 2239
Delta R.T. 0.00 min
Lab File: VV012504.D
Acq: 01 Sep 2019 12:35

Tgt Ion: 129 Resp: 129253
Ion Ratio Lower Upper
129 100
127 78.1 54.7 101.5

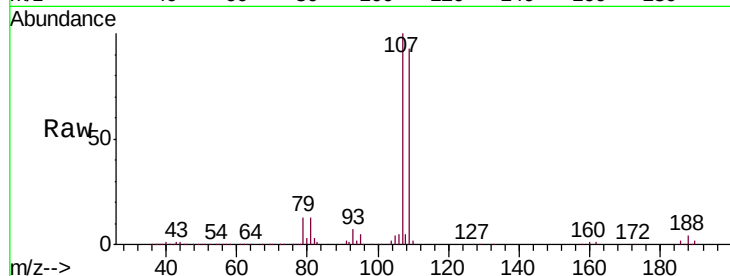




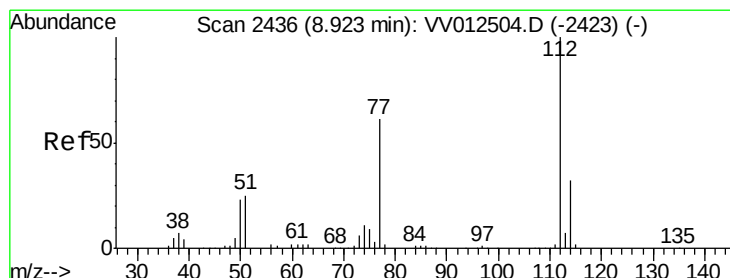
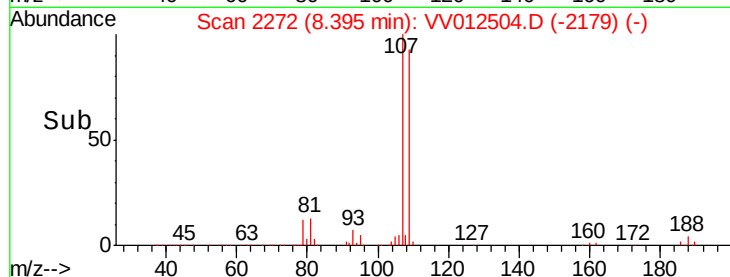
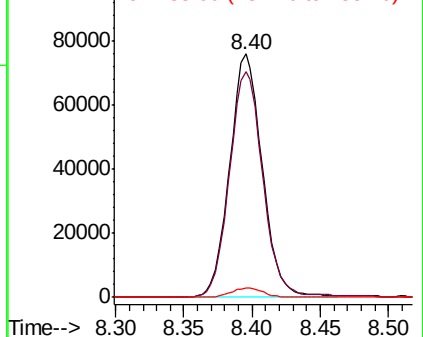
#50
 1,2-Dibromoethane
 Concen: 48.688 ug/L
 RT: 8.40 min Scan# 2272
 Delta R.T. 0.00 min
 Lab File: VV012504.D
 Acq: 01 Sep 2019 12:35

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05064

Tgt Ion:107 Resp: 126324
 Ion Ratio Lower Upper
 107 100
 109 92.8 65.0 120.6
 188 3.7 3.0 4.4

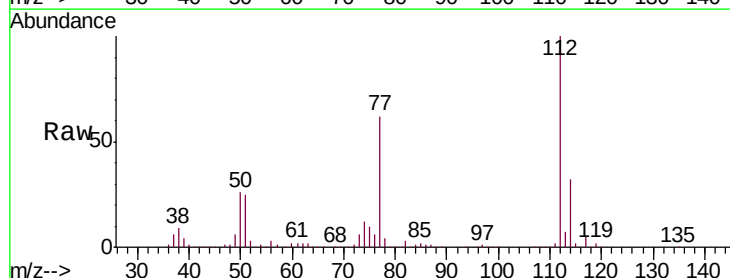


Abundance Ion 107.00 (106.70 to 107.70): V
 Ion 109.00 (108.70 to 109.70): V
 Ion 188.00 (187.70 to 188.70): V

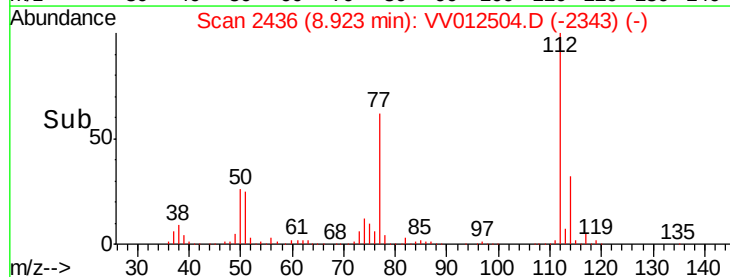
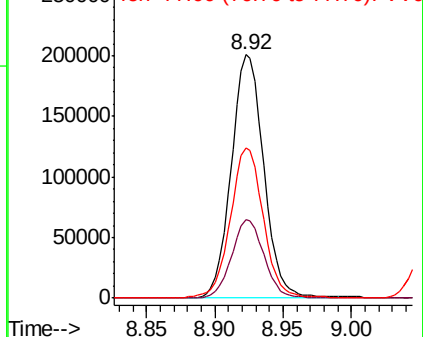


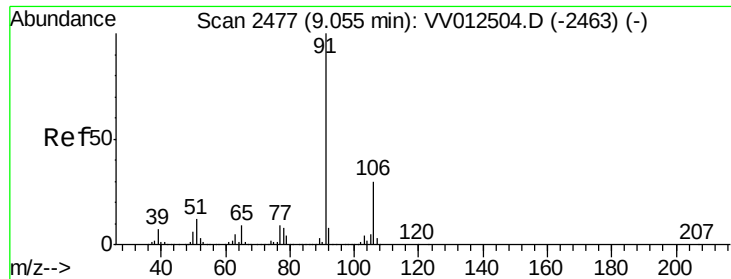
#51
 Chlorobenzene
 Concen: 49.033 ug/L
 RT: 8.92 min Scan# 2436
 Delta R.T. 0.00 min
 Lab File: VV012504.D
 Acq: 01 Sep 2019 12:35

Tgt Ion:112 Resp: 333063
 Ion Ratio Lower Upper
 112 100
 114 32.1 22.5 41.7
 77 61.8 49.4 74.2



Abundance Ion 112.00 (111.70 to 112.70): V
 Ion 114.00 (113.70 to 114.70): V
 Ion 77.00 (76.70 to 77.70): VV0

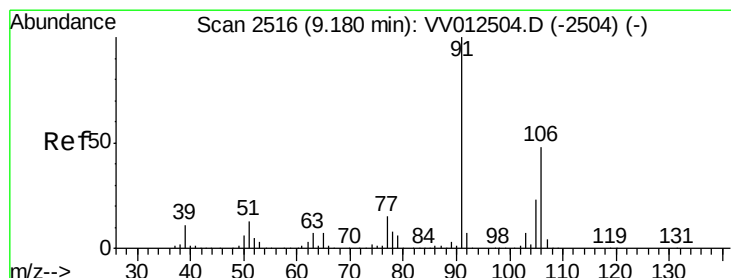
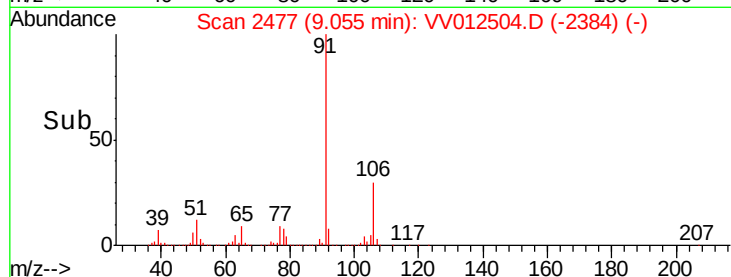
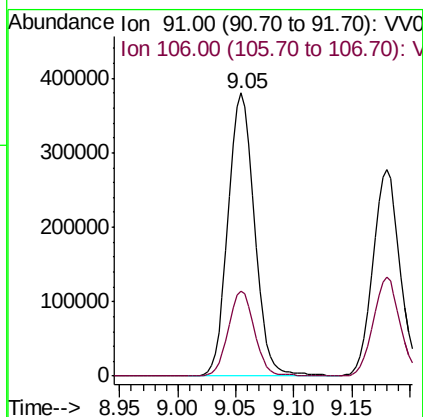
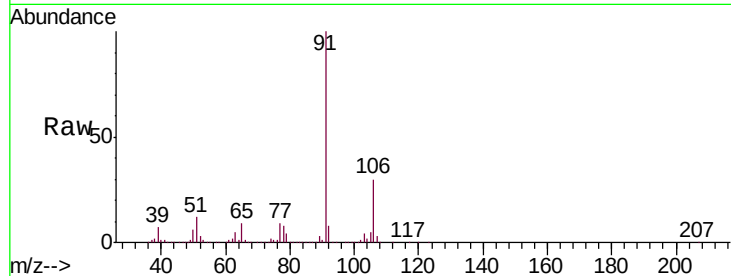




#52
Ethylbenzene
Concen: 51.096 ug/L
RT: 9.05 min Scan# 2477
Delta R.T. 0.00 min
Lab File: VV012504.D
Acq: 01 Sep 2019 12:35

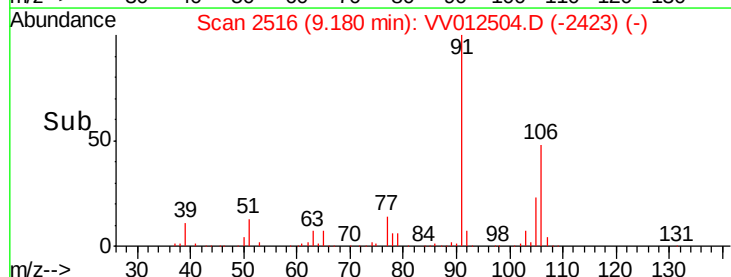
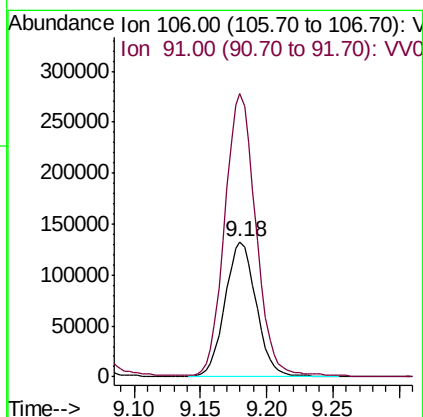
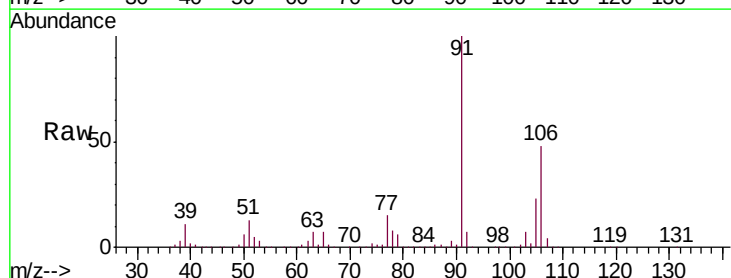
Instrument :
MSVOA_V
ClientSampleId :
VSTD05064

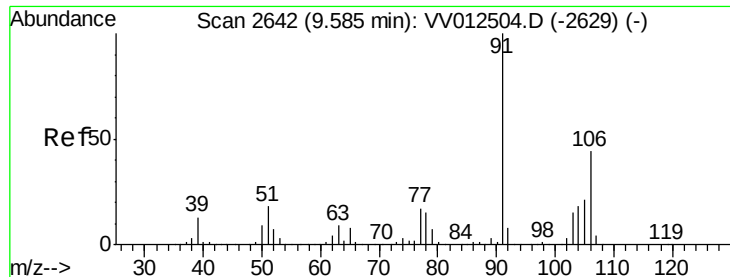
Tgt Ion: 91 Resp: 599026
Ion Ratio Lower Upper
91 100
106 30.2 21.1 39.3



#53
m,p-Xylene
Concen: 51.213 ug/L
RT: 9.18 min Scan# 2516
Delta R.T. 0.00 min
Lab File: VV012504.D
Acq: 01 Sep 2019 12:35

Tgt Ion: 106 Resp: 215645
Ion Ratio Lower Upper
106 100
91 208.9 146.2 271.6





#54

o-xylene

Concen: 50.532 ug/L

RT: 9.59 min Scan# 2642

Delta R.T. 0.00 min

Lab File: VV012504.D

Acq: 01 Sep 2019 12:35

Instrument :

MSVOA_V

ClientSampleId :

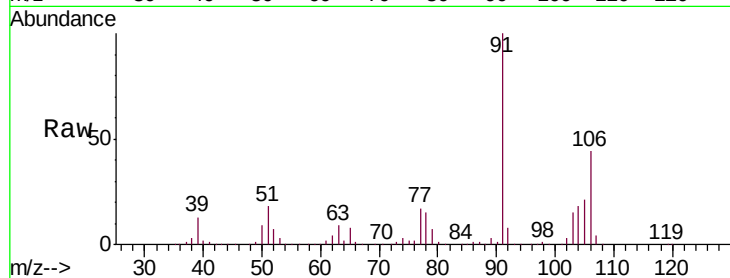
VSTD05064

Tgt Ion:106 Resp: 212278

Ion Ratio Lower Upper

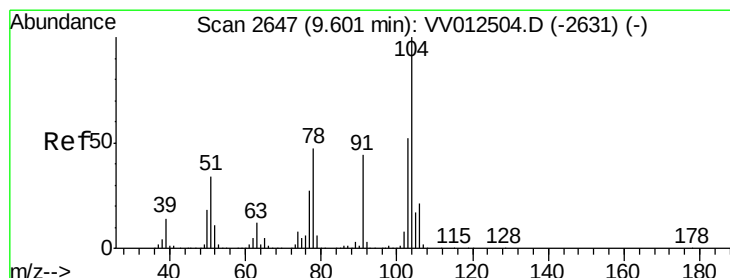
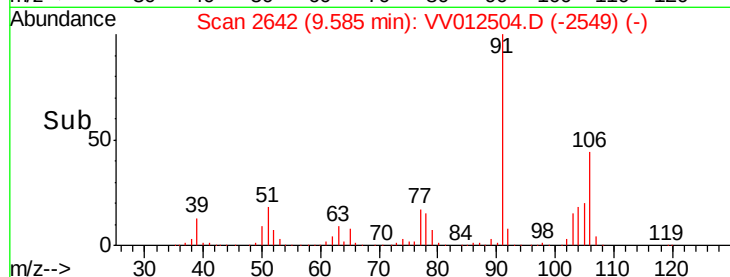
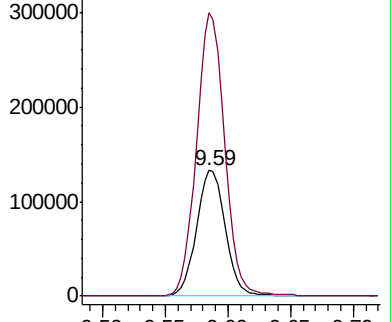
106 100

91 225.3 157.7 292.9



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VV0



#55

Styrene

Concen: 51.921 ug/L

RT: 9.60 min Scan# 2647

Delta R.T. 0.00 min

Lab File: VV012504.D

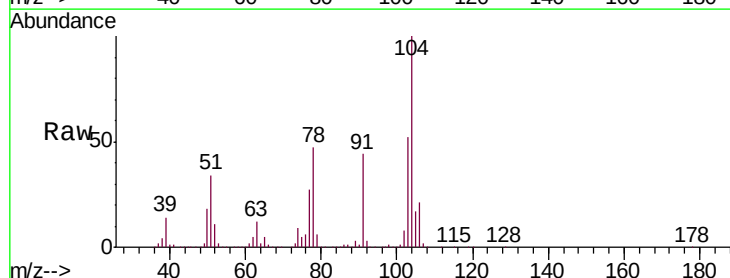
Acq: 01 Sep 2019 12:35

Tgt Ion:104 Resp: 369358

Ion Ratio Lower Upper

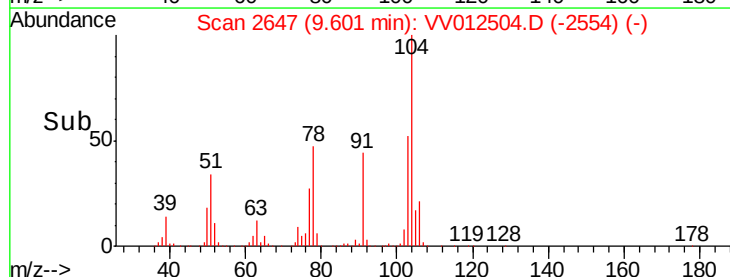
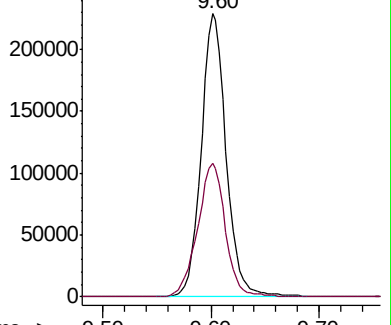
104 100

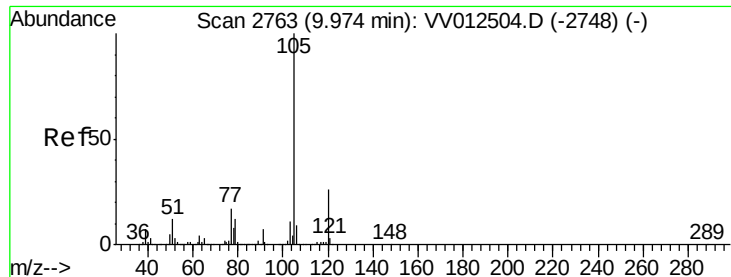
78 47.4 33.2 61.6



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VV0





#56

Isopropylbenzene

Concen: 51.661 ug/L

RT: 9.97 min Scan# 2763

Delta R.T. 0.00 min

Lab File: VV012504.D

Acq: 01 Sep 2019 12:35

Instrument :

MSVOA_V

ClientSampleId :

VSTD05064

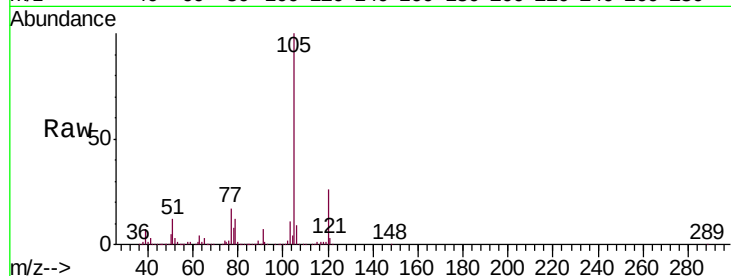
Tgt Ion: 105 Resp: 565881

Ion Ratio Lower Upper

105 100

120 25.5 20.4 30.6

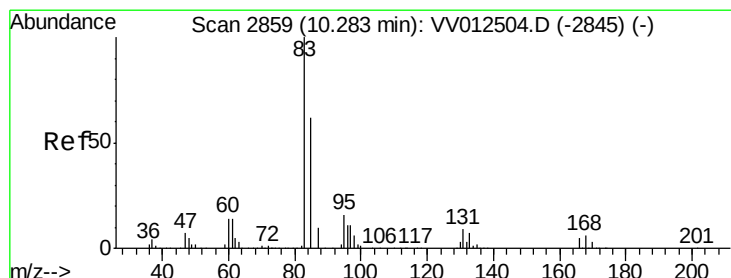
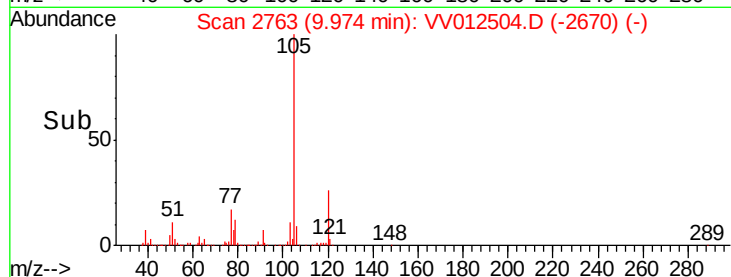
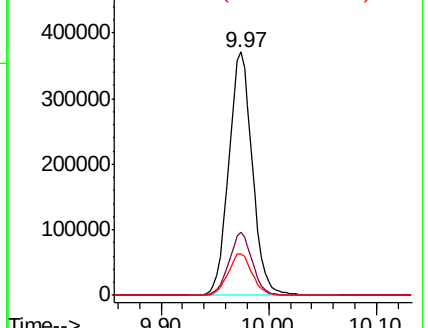
77 17.2 13.8 20.6



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: 52.668 ug/L

RT: 10.28 min Scan# 2859

Delta R.T. 0.00 min

Lab File: VV012504.D

Acq: 01 Sep 2019 12:35

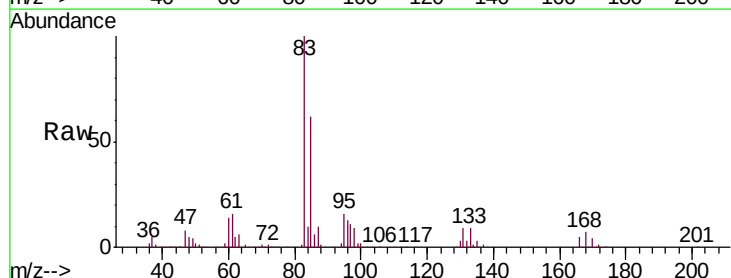
Tgt Ion: 83 Resp: 195954

Ion Ratio Lower Upper

83 100

85 62.0 43.4 80.6

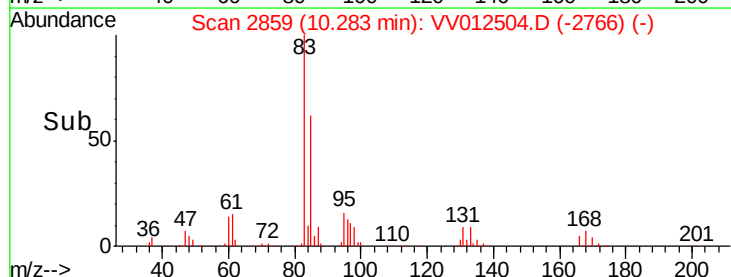
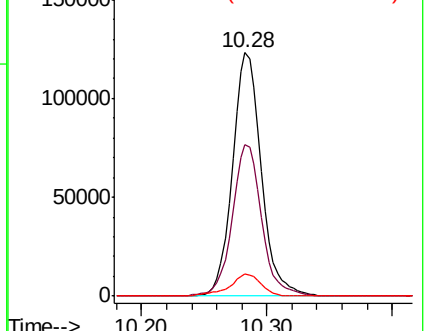
131 8.9 7.1 10.7

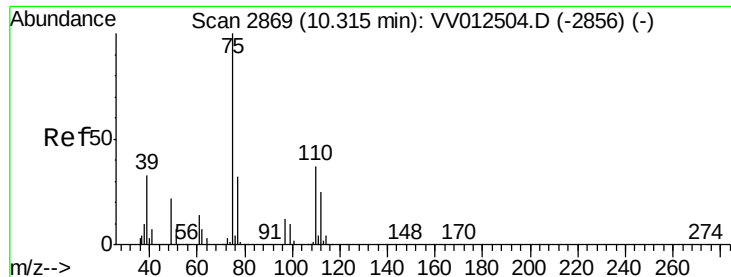


Abundance Ion 83.00 (82.70 to 83.70): V

Ion 85.00 (84.70 to 85.70): V

Ion 131.00 (130.70 to 131.70): V





#59

1,2,3-Trichloropropane

Concen: 49.780 ug/L

RT: 10.31 min Scan# 2869

Delta R.T. 0.00 min

Lab File: VV012504.D

Acq: 01 Sep 2019 12:35

Instrument :

MSVOA_V

ClientSampleId :

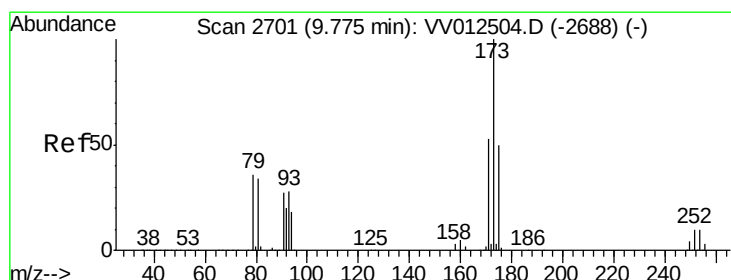
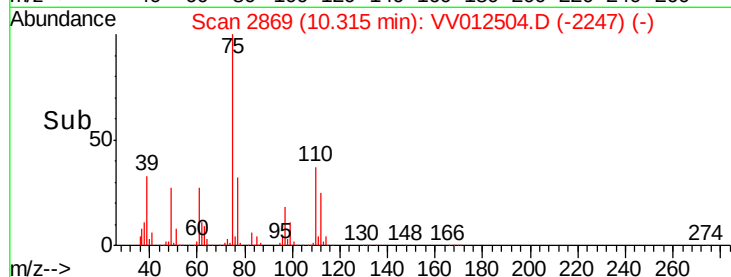
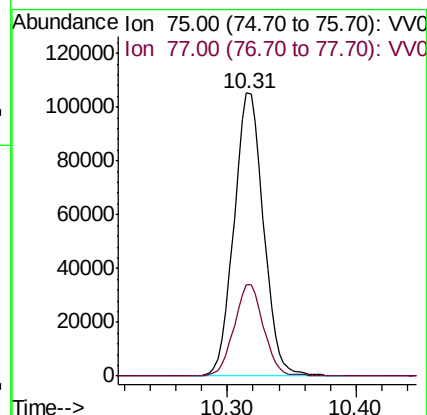
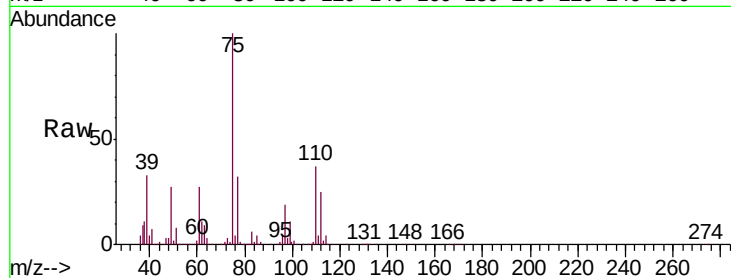
VSTD05064

Tgt Ion: 75 Resp: 167493

Ion Ratio Lower Upper

75 100

77 31.9 25.5 38.3



#61

Bromoform

Concen: 48.730 ug/L

RT: 9.77 min Scan# 2701

Delta R.T. 0.00 min

Lab File: VV012504.D

Acq: 01 Sep 2019 12:35

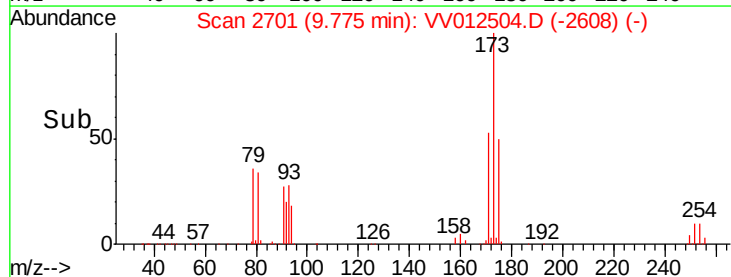
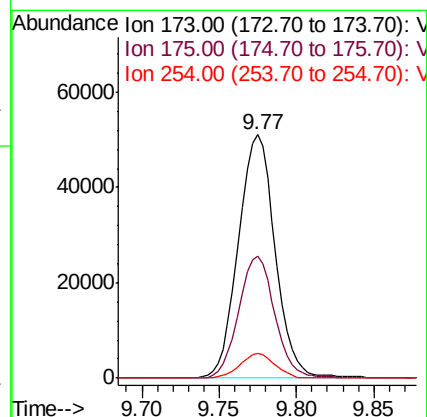
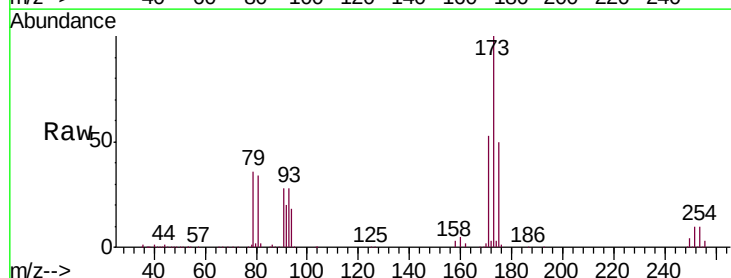
Tgt Ion: 173 Resp: 84379

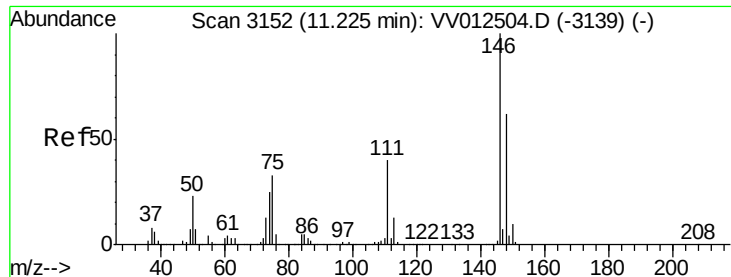
Ion Ratio Lower Upper

173 100

175 49.2 39.4 59.0

254 9.4 7.5 11.3

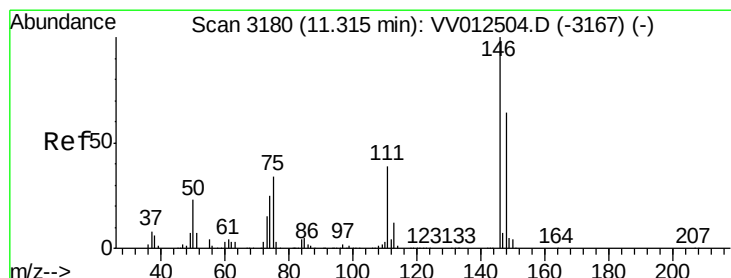
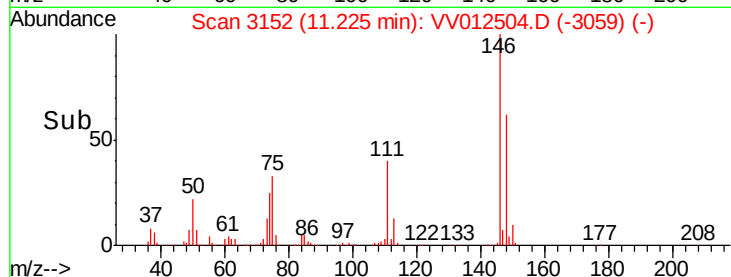
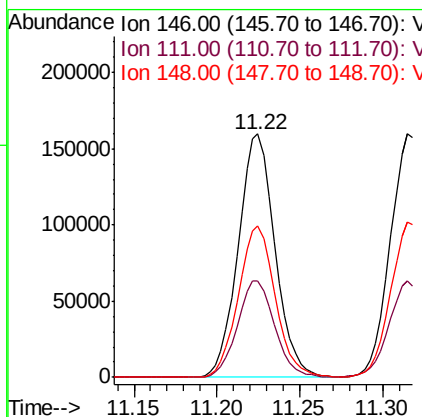
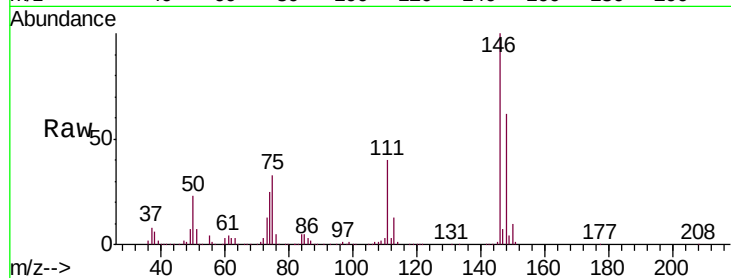




#62
 1,3-Dichlorobenzene
 Concen: 49.361 ug/L
 RT: 11.22 min Scan# 3152
 Delta R.T. 0.00 min
 Lab File: VV012504.D
 Acq: 01 Sep 2019 12:35

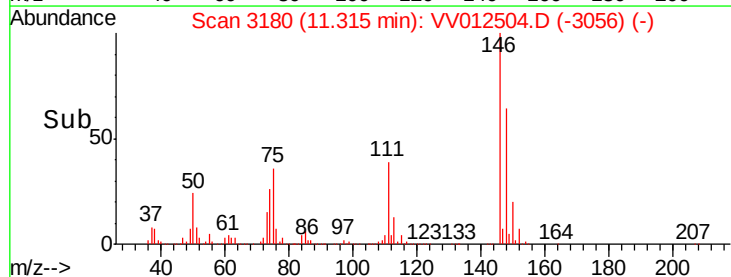
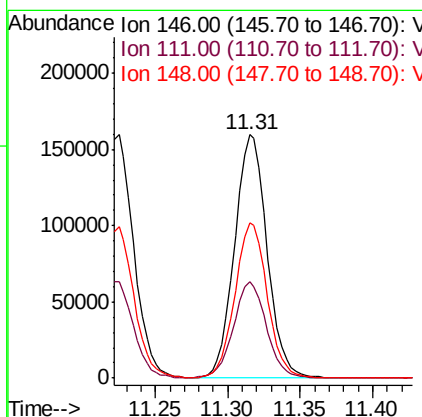
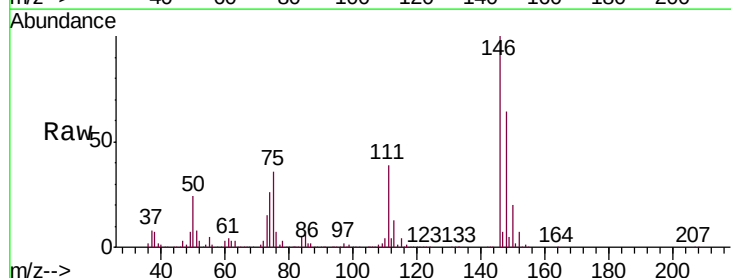
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05064

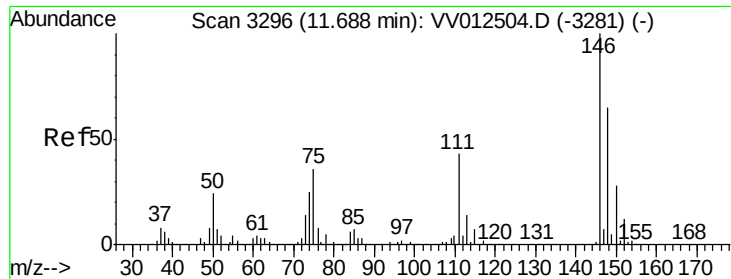
Tgt Ion:146 Resp: 245934
 Ion Ratio Lower Upper
 146 100
 111 39.6 27.7 51.5
 148 62.0 43.4 80.6



#63
 1,4-Dichlorobenzene
 Concen: 47.792 ug/L
 RT: 11.31 min Scan# 3180
 Delta R.T. 0.00 min
 Lab File: VV012504.D
 Acq: 01 Sep 2019 12:35

Tgt Ion:146 Resp: 246404
 Ion Ratio Lower Upper
 146 100
 111 39.5 27.6 51.4
 148 63.7 44.6 82.8

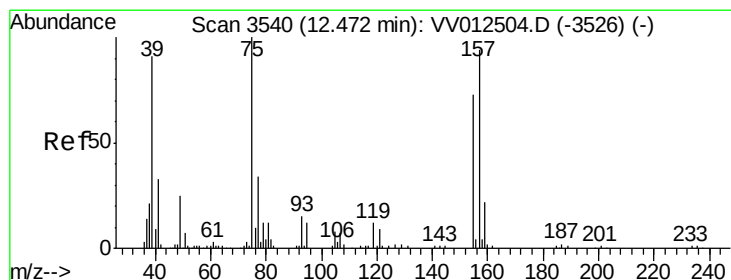
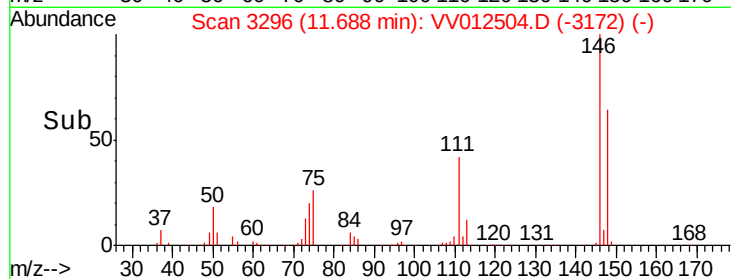
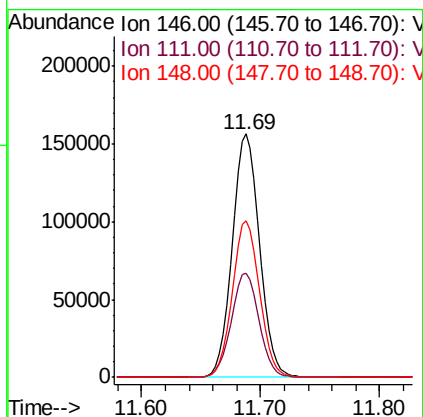
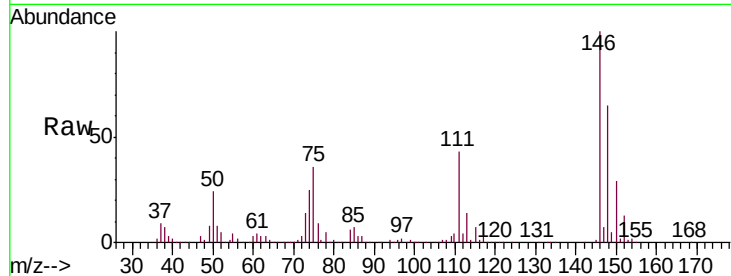




#65
 1,2-Dichlorobenzene
 Concen: 49.301 ug/L
 RT: 11.69 min Scan# 3296
 Delta R.T. 0.00 min
 Lab File: VV012504.D
 Acq: 01 Sep 2019 12:35

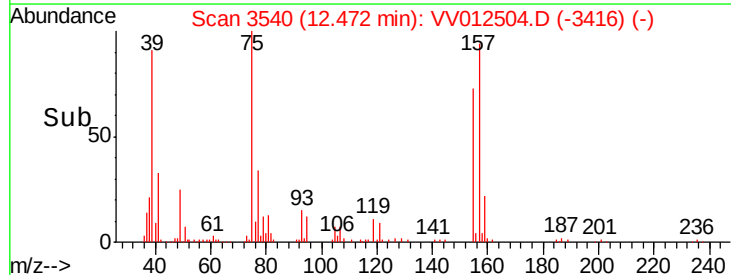
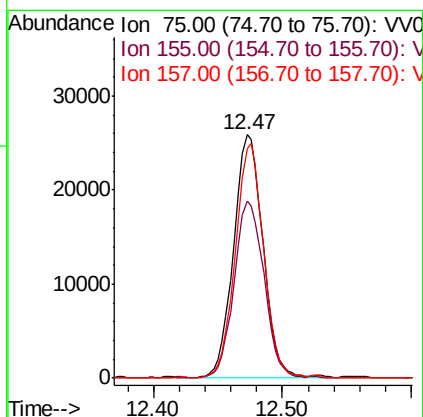
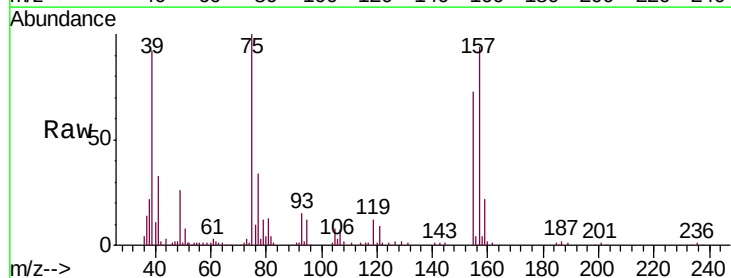
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05064

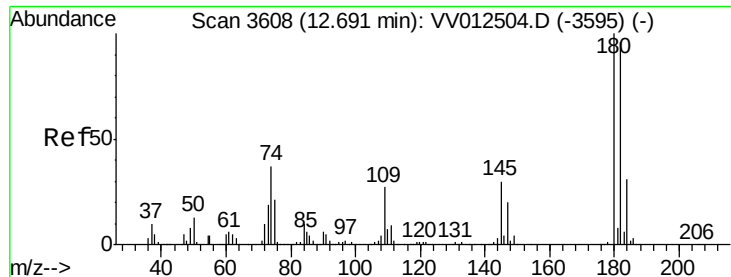
Tgt Ion	Ratio	Lower	Upper
146	100		
111	43.0	34.4	51.6
148	64.5	51.6	77.4



#66
 1,2-Dibromo-3-chloropropane
 Concen: 48.545 ug/L
 RT: 12.47 min Scan# 3540
 Delta R.T. 0.00 min
 Lab File: VV012504.D
 Acq: 01 Sep 2019 12:35

Tgt Ion	Ratio	Lower	Upper
75	100		
155	72.7	58.2	87.2
157	94.3	75.4	113.2

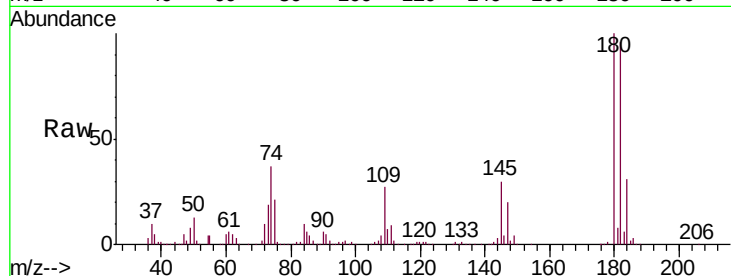




#67
 1,3,5-Trichlorobenzene
 Concen: 48.714 ug/L
 RT: 12.69 min Scan# 3608
 Delta R.T. 0.00 min
 Lab File: VV012504.D
 Acq: 01 Sep 2019 12:35

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05064

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.9	76.7	115.1
184	30.3	24.2	36.4
145	30.8	24.6	37.0



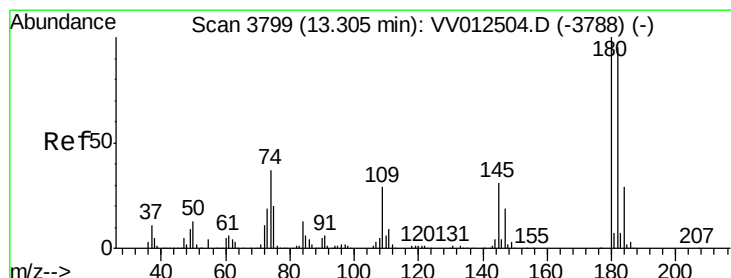
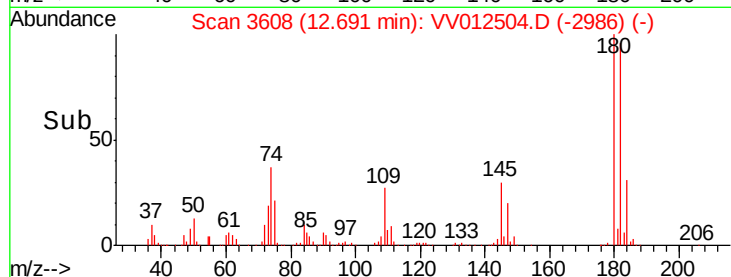
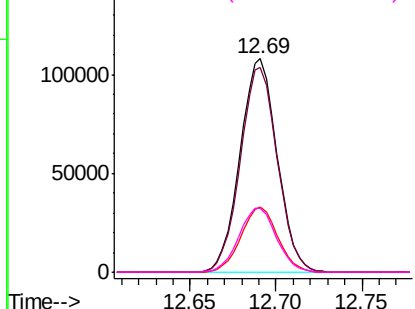
Abundance

Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

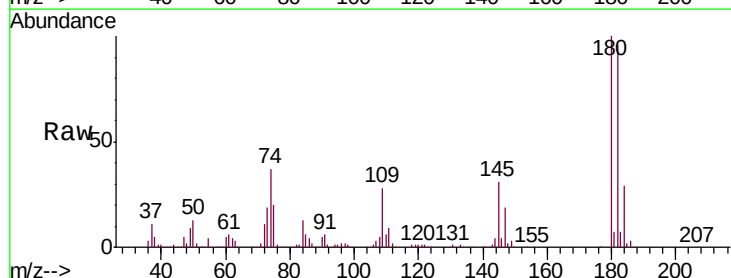
Ion 184.00 (183.70 to 184.70): V

Ion 145.00 (144.70 to 145.70): V



#68
 1,2,4-trichlorobenzene
 Concen: 48.136 ug/L
 RT: 13.31 min Scan# 3799
 Delta R.T. 0.00 min
 Lab File: VV012504.D
 Acq: 01 Sep 2019 12:35

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.4	77.9	116.9
145	31.2	25.0	37.4

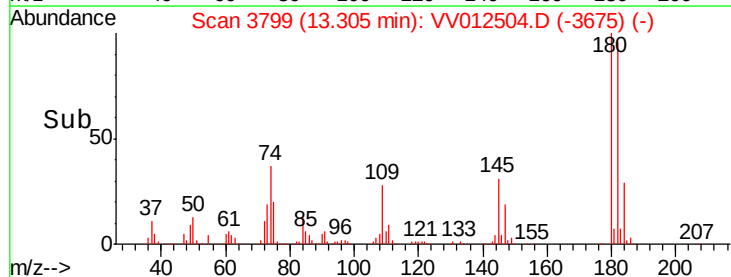
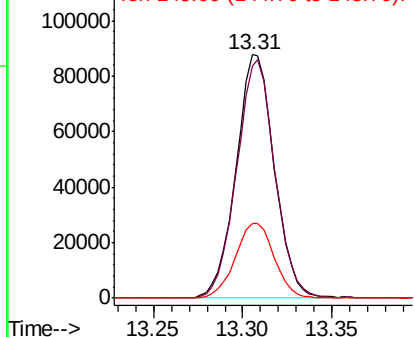


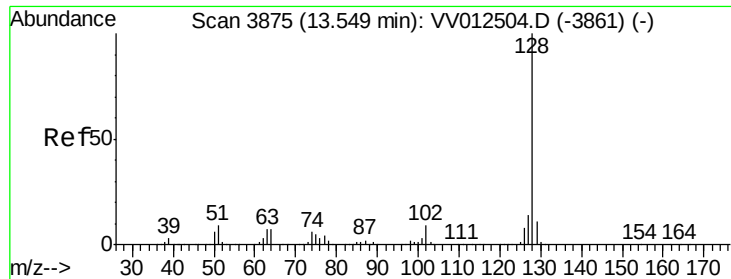
Abundance

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





#69

Naphthalene

Concen: 47.708 ug/L

RT: 13.55 min Scan# 3875

Delta R.T. 0.00 min

Lab File: VV012504.D

Acq: 01 Sep 2019 12:35

Instrument :

MSVOA_V

ClientSampleId :

VSTD05064

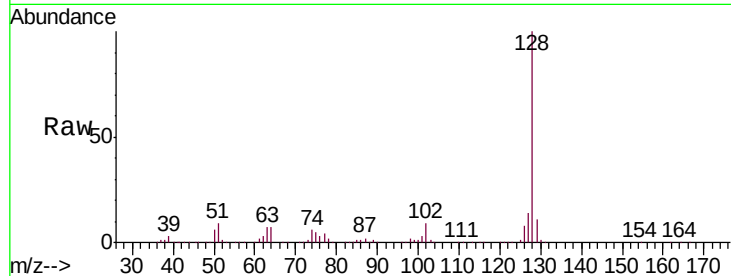
Tgt Ion:128 Resp: 408285

Ion Ratio Lower Upper

128 100

127 13.6 10.9 16.3

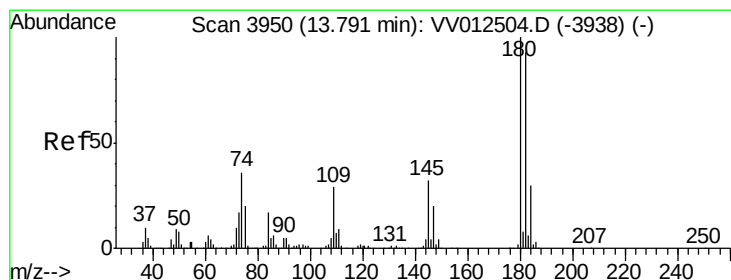
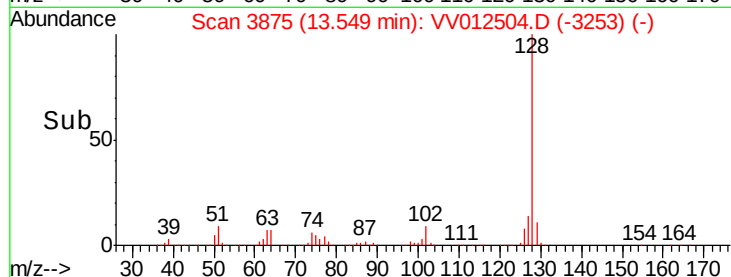
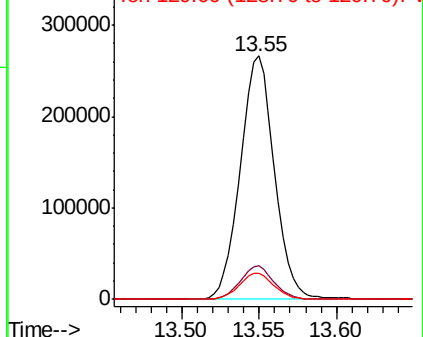
129 10.9 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#70

1,2,3-Trichlorobenzene

Concen: 51.290 ug/L

RT: 13.79 min Scan# 3950

Delta R.T. 0.00 min

Lab File: VV012504.D

Acq: 01 Sep 2019 12:35

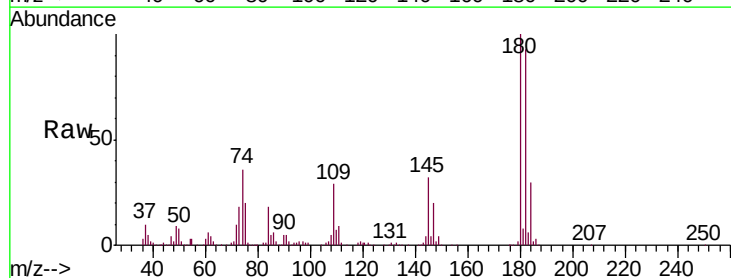
Tgt Ion:180 Resp: 144450

Ion Ratio Lower Upper

180 100

182 92.7 74.2 111.2

145 32.4 25.9 38.9



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

