

Data File : VV012503.D
Acq On : 01 Sep 2019 12:10
Operator : SY/MD
Sample : VSTD01063
Misc : 5mL/MSVOA_V/WATER
ALS Vial : 4 Sample Multiplier: 1Instrument :
MSVOA_V
ClientSampleId :
VSTD01063Quant Time: Sep 02 02:51:16 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	5.67	114	300459	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	290593	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	126931	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	20696	10.13	ug/L	0.00
7) Chloroethane-d5	1.58	69	22157	9.83	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.14	63	55927	10.13	ug/L	0.00
21) 2-Butanone-d5	3.95	46	25581	15.51	ug/L	0.02
24) Chloroform-d	4.40	84	42073	10.13	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.08	65	26855	10.07	ug/L	0.00
32) Benzene-d6	5.10	84	69354	9.77	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.12	67	25546	10.24	ug/L	0.00
41) Toluene-d8	7.36	98	62254	9.35	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.67	79	10406	8.99	ug/L	0.00
47) 2-Hexanone-d5	8.14	63	14253	14.45	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.26	84	34113	9.66	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.67	152	25355	10.04	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	26981	11.205 ug/L	99
3) Chloromethane	1.25	50	33956	11.028 ug/L	98
5) Vinyl chloride	1.33	62	34997	10.887 ug/L	100
6) Bromomethane	1.54	94	26360	10.117 ug/L	98
8) Chloroethane	1.60	64	26128	11.078 ug/L	99
9) Trichlorofluoromethane	1.77	101	53237	10.927 ug/L	97
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	30535	10.852 ug/L	98
12) 1,1-Dichloroethene	2.14	96	29722	10.962 ug/L	99
13) Acetone	2.20	43	37157	21.143 ug/L	98
14) Carbon disulfide	2.32	76	63143	10.784 ug/L	100
15) Methyl Acetate	2.47	43	27169	10.543 ug/L	98
16) Methylene chloride	2.54	84	26483	11.298 ug/L	92
17) trans-1,2-Dichloroethene	2.80	96	22448	10.623 ug/L	97
18) Methyl tert-butyl Ether	2.81	73	64034	9.640 ug/L	98
19) 1,1-Dichloroethane	3.23	63	44962	10.504 ug/L	99
20) cis-1,2-Dichloroethene	3.96	96	23977	10.264 ug/L	95
23) Bromochloromethane	4.30	128	12449	11.095 ug/L	96
25) Chloroform	4.43	83	47141	10.830 ug/L	98
27) 1,2-Dichloroethane	5.18	62	38561	10.588 ug/L	99
29) Cyclohexane	4.73	56	34172	9.448 ug/L	99
30) 1,1,1-Trichloroethane	4.66	97	36789	10.534 ug/L	99
31) Carbon tetrachloride	4.88	117	31562	10.629 ug/L	96
33) Benzene	5.15	78	93514	10.334 ug/L	100
34) Trichloroethene	5.96	95	25641	10.262 ug/L	97
35) Methylcyclohexane	6.18	83	34443	9.502 ug/L	97
37) 1,2-Dichloropropane	6.22	63	26902	11.037 ug/L	91
38) Bromodichloromethane	6.56	83	34118	10.618 ug/L	94
39) cis-1,3-Dichloropropene	7.07	75	32716	9.363 ug/L	97
40) 4-Methyl-2-pentanone	7.28	43	63564	18.635 ug/L	94
42) Toluene	7.43	91	94881	9.987 ug/L	97

Data File : VV012503.D
Acq On : 01 Sep 2019 12:10
Operator : SY/MD
Sample : VSTD01063
Misc : 5mL/MSVOA_V/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VSTD01063

Quant Time: Sep 02 02:51:16 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

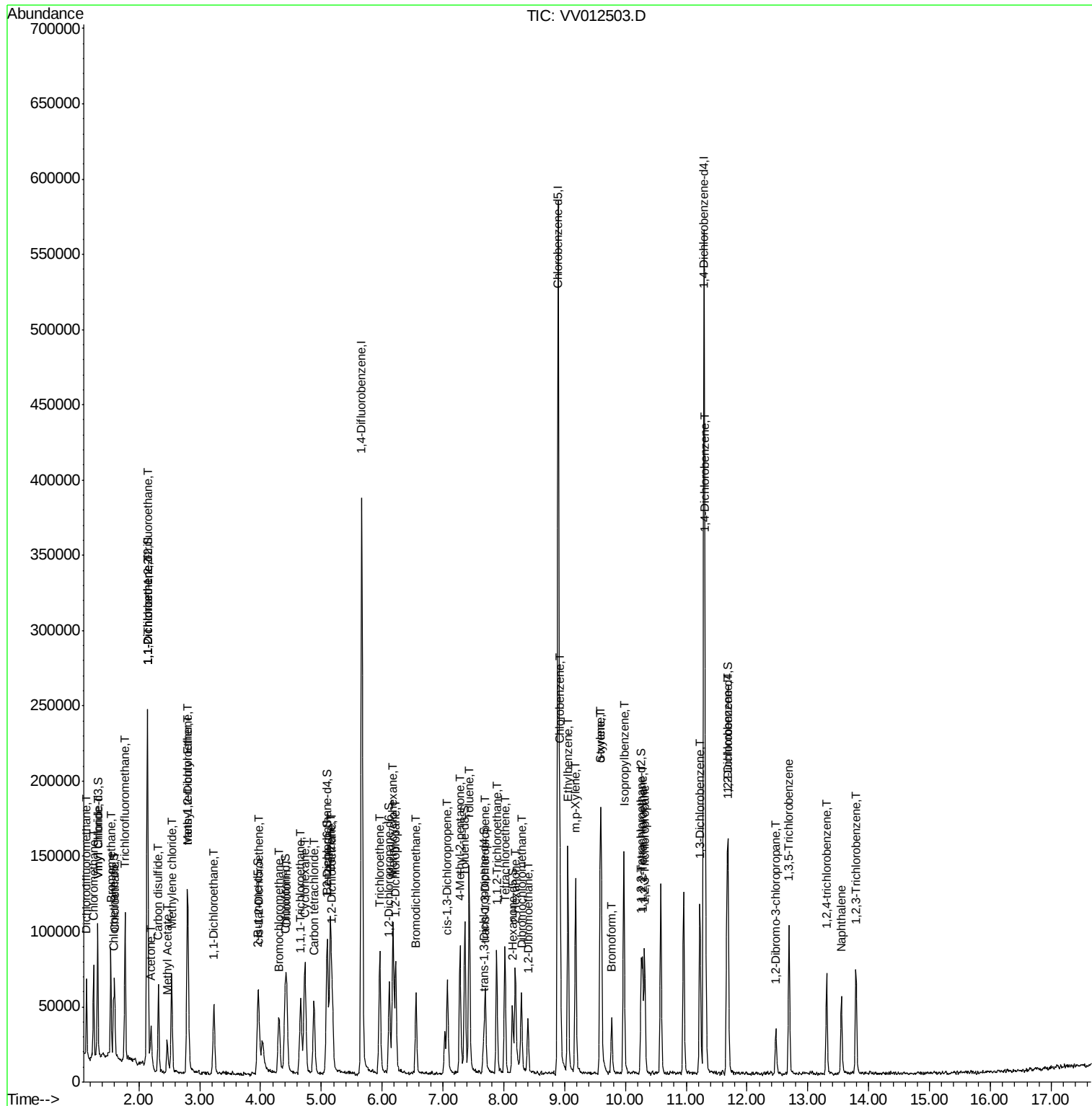
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) trans-1,3-Dichloropropene	7.69	75	29376	9.291	ug/L	96
45) 1,1,2-Trichloroethane	7.88	97	23923	10.858	ug/L	97
46) Tetrachloroethene	8.02	164	17439	10.372	ug/L	94
48) 2-Hexanone	8.19	43	44903	16.812	ug/L	96
49) Dibromochloromethane	8.29	129	23233	10.056	ug/L	98
50) 1,2-Dibromoethane	8.40	107	23144	10.157	ug/L	99
51) Chlorobenzene	8.93	112	62674	10.506	ug/L	99
52) Ethylbenzene	9.05	91	97288	9.449	ug/L	98
53) m,p-Xylene	9.18	106	35655	9.642	ug/L	95
54) o-xylene	9.59	106	33717	9.139	ug/L	95
55) Styrene	9.60	104	55500	8.884	ug/L	95
56) Isopropylbenzene	9.97	105	89884	9.344	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.29	83	34262	10.486	ug/L	99
59) 1,2,3-Trichloropropane	10.32	75	30206	10.222	ug/L	99
61) Bromoform	9.77	173	14298	10.264	ug/L #	97
62) 1,3-Dichlorobenzene	11.23	146	40485	10.101	ug/L	98
63) 1,4-Dichlorobenzene	11.32	146	43670	10.529	ug/L	99
65) 1,2-Dichlorobenzene	11.69	146	43020	10.614	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.48	75	7776	11.385	ug/L	92
67) 1,3,5-Trichlorobenzene	12.69	180	26439	9.875	ug/L	99
68) 1,2,4-trichlorobenzene	13.31	180	17579	7.983	ug/L	99
69) Naphthalene	13.55	128	38674	5.617	ug/L	100
70) 1,2,3-Trichlorobenzene	13.79	180	18319	8.085	ug/L	96

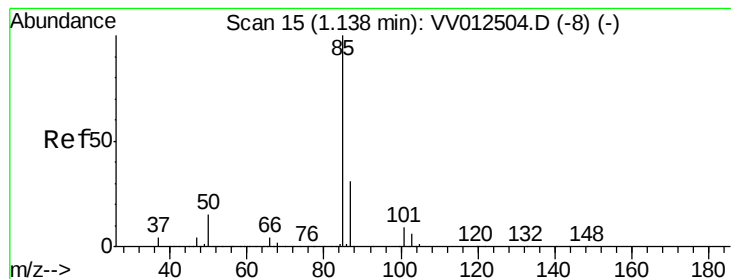
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VV012503.D
Acq On : 01 Sep 2019 12:10
Operator : SY/MD
Sample : VSTD01063
Misc : 5mL/MSVOA_V/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VSTD01063

Quant Time: Sep 02 02:51:16 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





#2

Dichlorodifluoromethane

Concen: 11.205 ug/L

RT: 1.14 min Scan# 15

Delta R.T. 0.00 min

Lab File: VV012503.D

Acq: 01 Sep 2019 12:10

Instrument :

MSVOA_V

ClientSampleId :

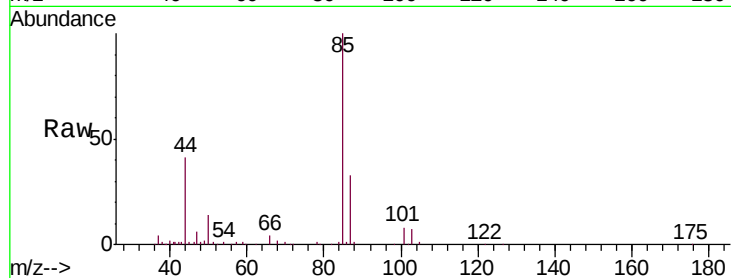
VSTD01063

Tgt Ion: 85 Resp: 26981

Ion Ratio Lower Upper

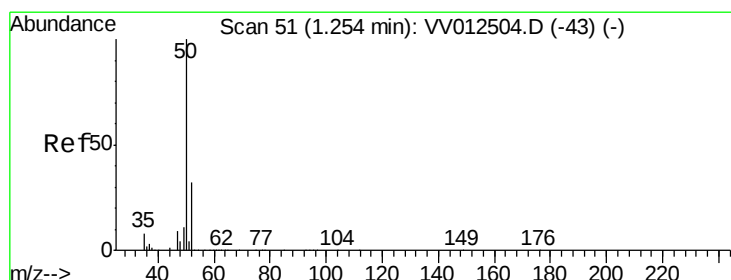
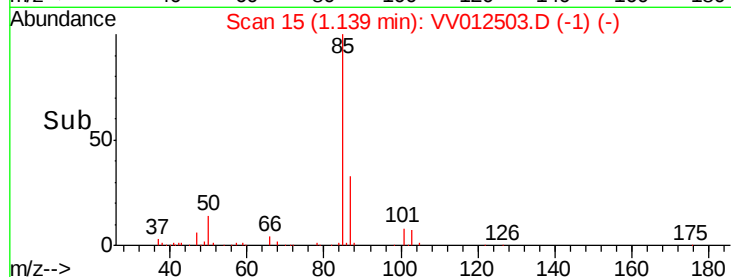
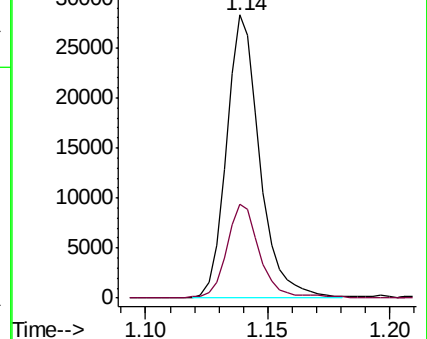
85 100

87 31.1 25.4 38.0



Abundance Ion 85.00 (84.70 to 85.70): VV012503.D (-1) (-)

Ion 87.00 (86.70 to 87.70): VV012503.D (-1) (-)



#3

Chloromethane

Concen: 11.028 ug/L

RT: 1.25 min Scan# 51

Delta R.T. 0.00 min

Lab File: VV012503.D

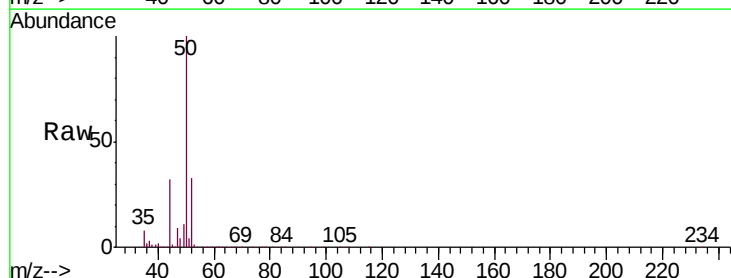
Acq: 01 Sep 2019 12:10

Tgt Ion: 50 Resp: 33956

Ion Ratio Lower Upper

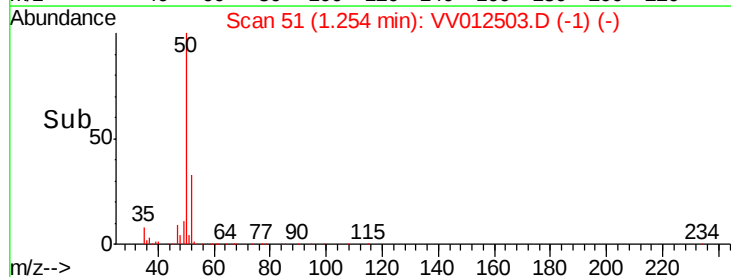
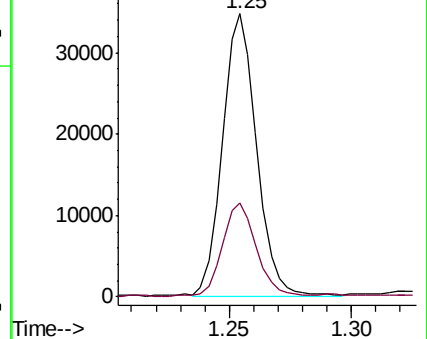
50 100

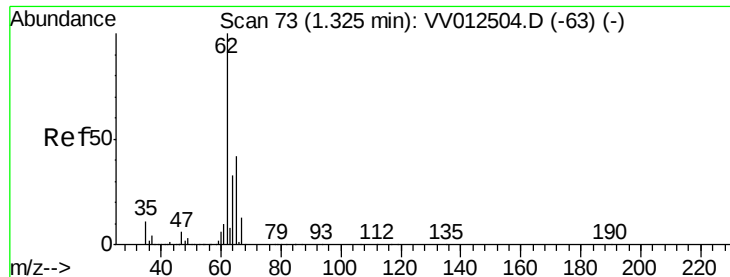
52 33.0 22.4 41.6



Abundance Ion 50.00 (49.70 to 50.70): VV012503.D (-1) (-)

Ion 52.00 (51.70 to 52.70): VV012503.D (-1) (-)





#5

Vinyl chloride

Concen: 10.887 ug/L

RT: 1.33 min Scan# 73

Delta R.T. 0.00 min

Lab File: VV012503.D

Acq: 01 Sep 2019 12:10

Instrument :

MSVOA_V

ClientSampleId :

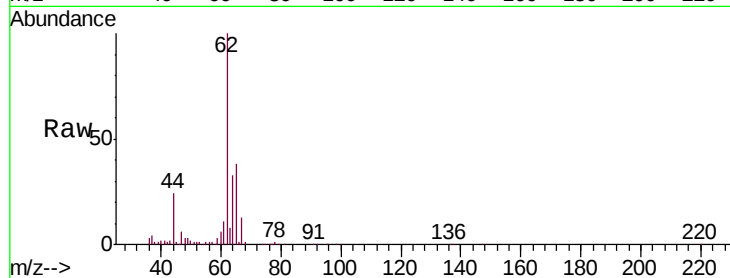
VSTD01063

Tgt Ion: 62 Resp: 34997

Ion Ratio Lower Upper

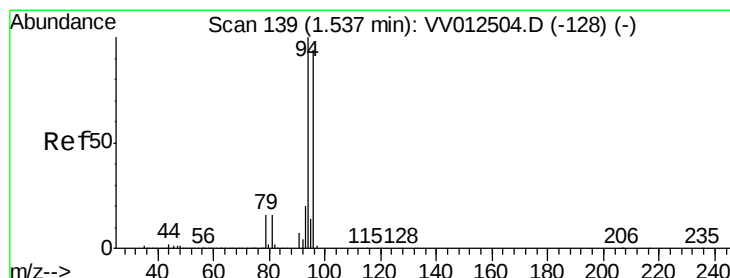
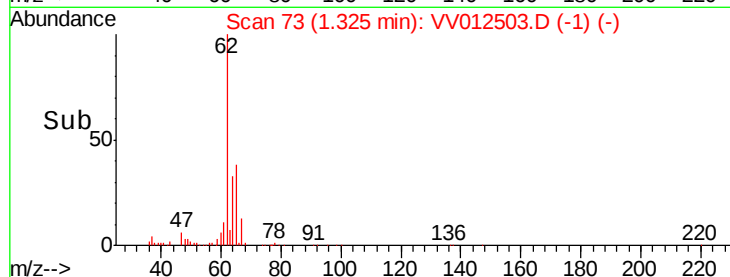
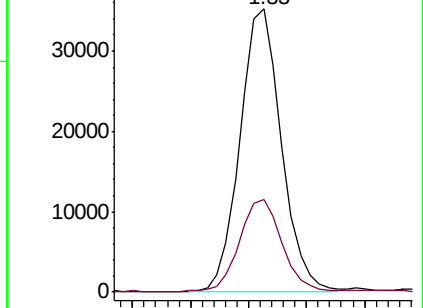
62 100

64 32.6 22.9 42.5



Abundance Ion 62.00 (61.70 to 62.70): VV012504.D (-63) (-)

Ion 64.00 (63.70 to 64.70): VV012504.D (-63) (-)



#6

Bromomethane

Concen: 10.117 ug/L

RT: 1.54 min Scan# 139

Delta R.T. 0.00 min

Lab File: VV012503.D

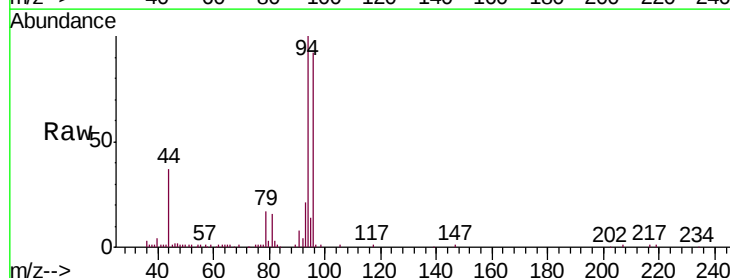
Acq: 01 Sep 2019 12:10

Tgt Ion: 94 Resp: 26360

Ion Ratio Lower Upper

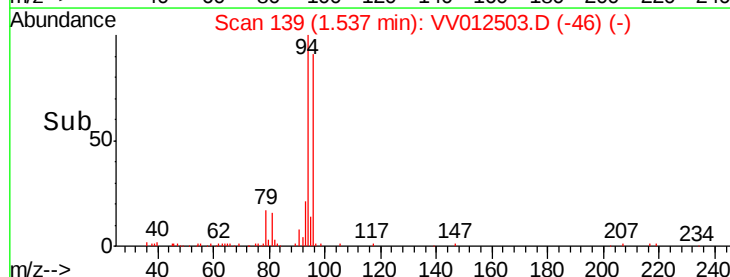
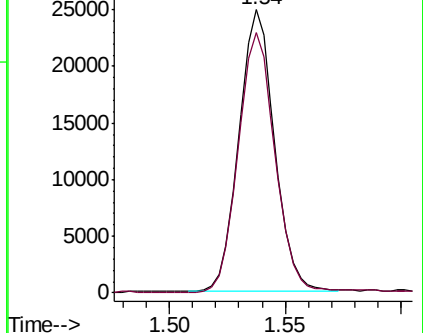
94 100

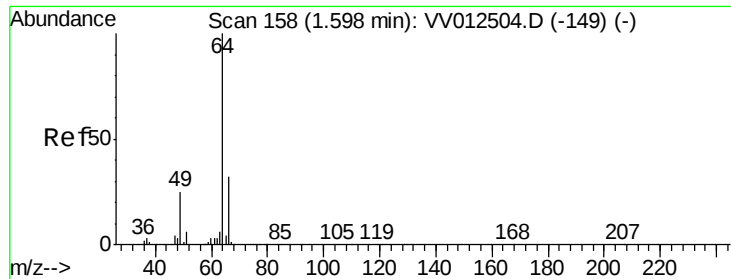
96 92.0 65.9 122.5



Abundance Ion 94.00 (93.70 to 94.70): VV012504.D (-128) (-)

Ion 96.00 (95.70 to 96.70): VV012504.D (-128) (-)





#8

Chloroethane

Concen: 11.078 ug/L

RT: 1.60 min Scan# 159

Delta R.T. 0.00 min

Lab File: VV012503.D

Acq: 01 Sep 2019 12:10

Instrument :

MSVOA_V

ClientSampleId :

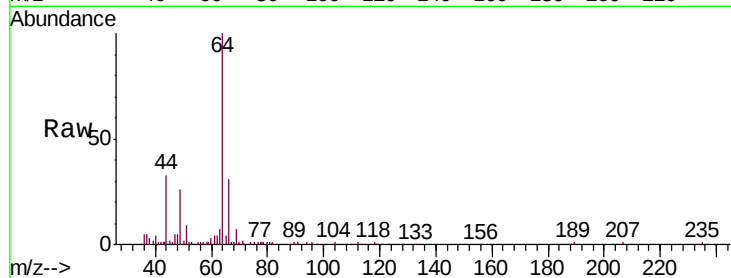
VSTD01063

Tgt Ion: 64 Resp: 26128

Ion Ratio Lower Upper

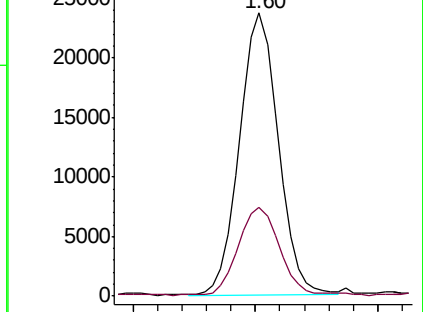
64 100

66 31.3 22.5 41.7

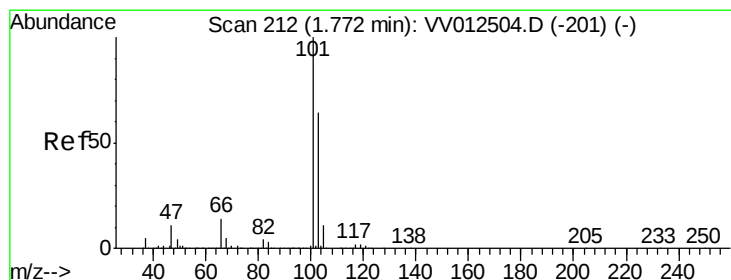
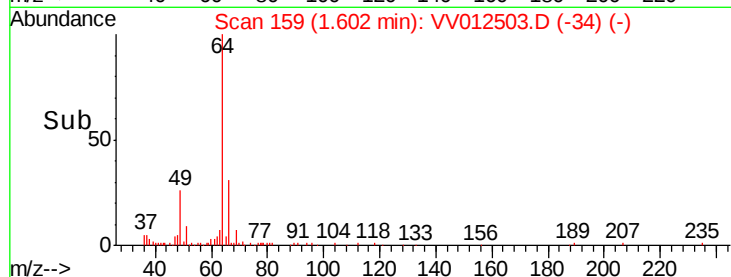


Abundance Ion 64.00 (63.70 to 64.70): VV012503.D (-159) (-)

Ion 66.00 (65.70 to 66.70): VV012503.D (-159) (-)



Time-->



#9

Trichlorofluoromethane

Concen: 10.927 ug/L

RT: 1.77 min Scan# 212

Delta R.T. 0.00 min

Lab File: VV012503.D

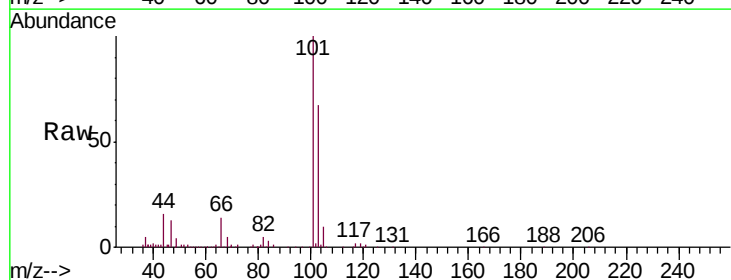
Acq: 01 Sep 2019 12:10

Tgt Ion: 101 Resp: 53237

Ion Ratio Lower Upper

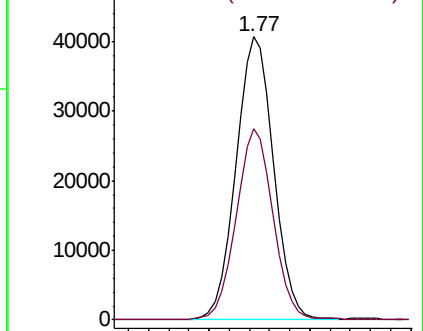
101 100

103 65.9 50.9 76.3

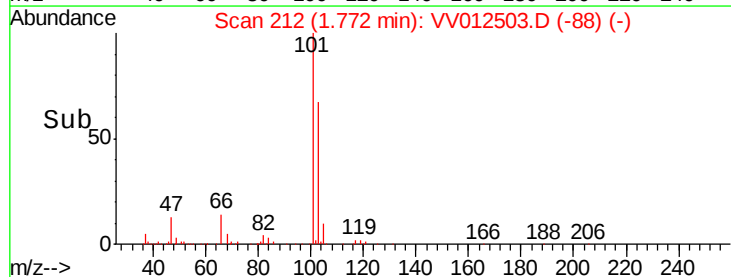


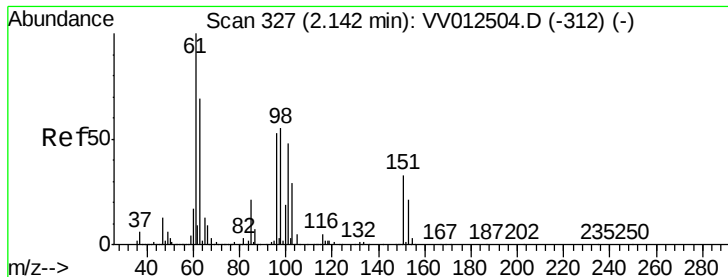
Abundance Ion 101.00 (100.70 to 101.70): VV012503.D (-212) (-)

Ion 103.00 (102.70 to 103.70): VV012503.D (-212) (-)



Time-->





#10

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

Concen: 10.852 ug/L

RT: 2.14 min Scan# 327

Delta R.T. 0.00 min

Lab File: VV012503.D

Acq: 01 Sep 2019 12:10

Instrument :

MSVOA_V

ClientSampleId :

VSTD01063

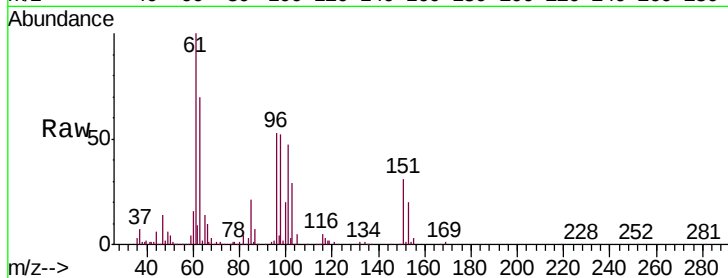
Tgt Ion: 101 Resp: 30535

Ion Ratio Lower Upper

101 100

85 47.3 36.2 54.2

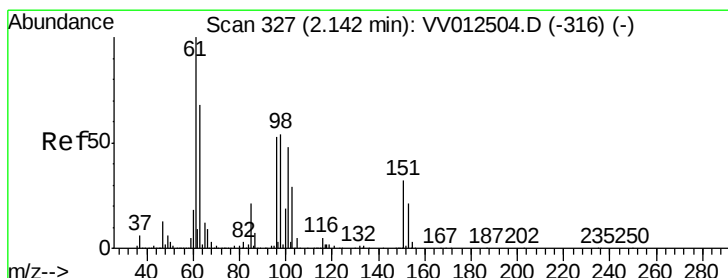
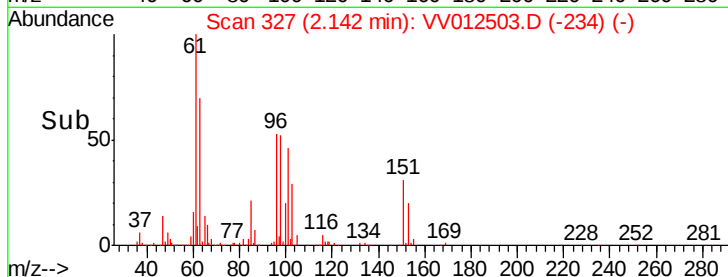
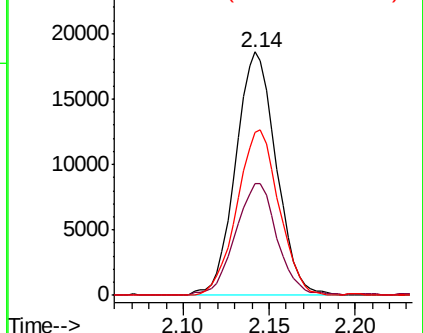
151 70.1 54.8 82.2



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: 10.962 ug/L

RT: 2.14 min Scan# 327

Delta R.T. 0.00 min

Lab File: VV012503.D

Acq: 01 Sep 2019 12:10

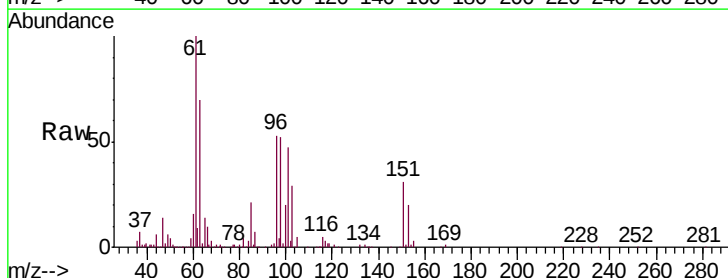
Tgt Ion: 96 Resp: 29722

Ion Ratio Lower Upper

96 100

61 187.8 132.4 246.0

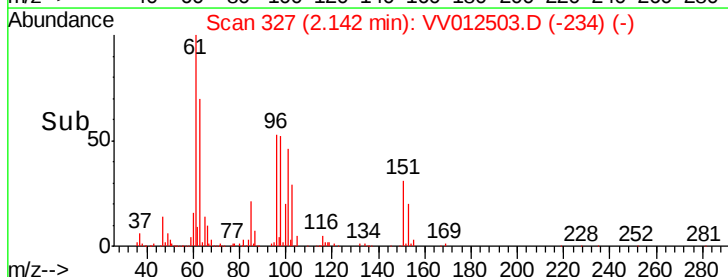
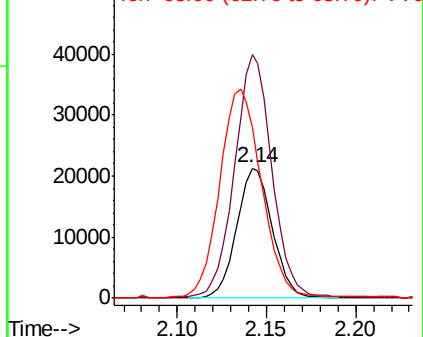
63 131.3 92.0 170.9

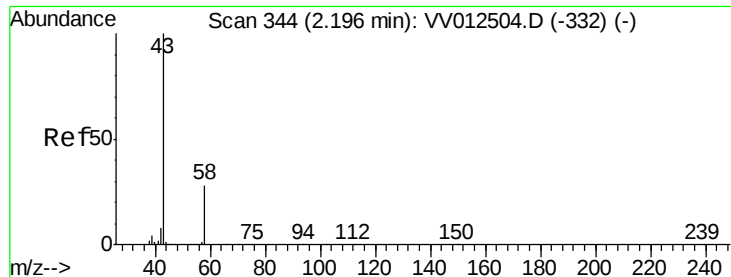


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 63.00 (62.70 to 63.70): VV0





#13

Acetone

Concen: 21.143 ug/L

RT: 2.20 min Scan# 345

Delta R.T. 0.00 min

Lab File: VV012503.D

Acq: 01 Sep 2019 12:10

Instrument :

MSVOA_V

ClientSampleId :

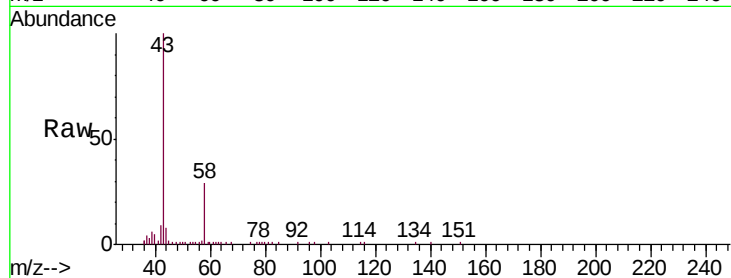
VSTD01063

Tgt Ion: 43 Resp: 37157

Ion Ratio Lower Upper

43 100

58 30.0 0.0 57.6



Abundance Ion 43.00 (42.70 to 43.70): VV012504.D (-332) (-)

Ion 58.00 (57.70 to 58.70): VV012504.D (-332) (-)

20000

15000

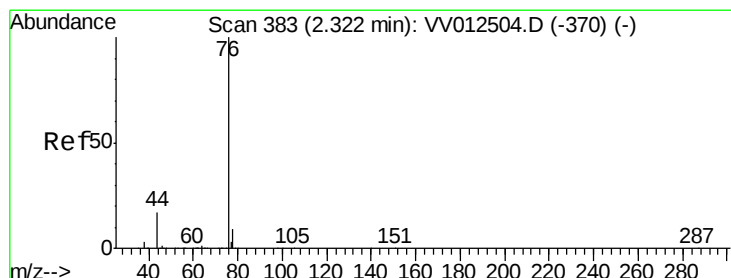
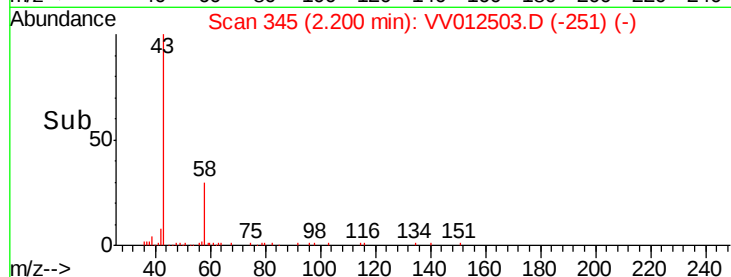
10000

5000

0

2.15 2.20 2.25 2.30

Time-->



#14

Carbon disulfide

Concen: 10.784 ug/L

RT: 2.32 min Scan# 383

Delta R.T. 0.00 min

Lab File: VV012503.D

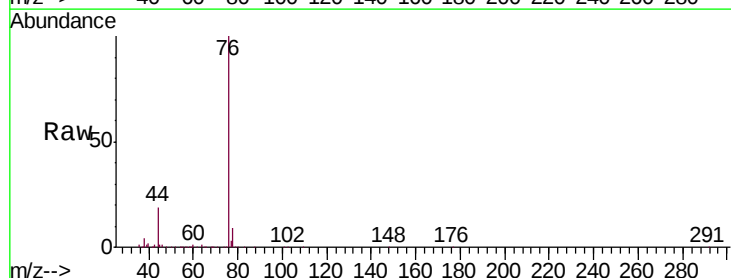
Acq: 01 Sep 2019 12:10

Tgt Ion: 76 Resp: 63143

Ion Ratio Lower Upper

76 100

78 9.3 7.4 11.2



Abundance Ion 76.00 (75.70 to 76.70): VV012504.D (-370) (-)

Ion 78.00 (77.70 to 78.70): VV012504.D (-370) (-)

50000

40000

30000

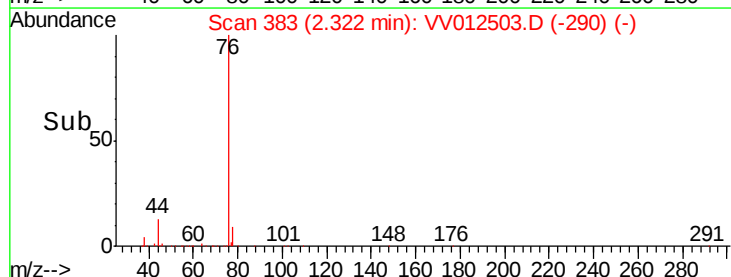
20000

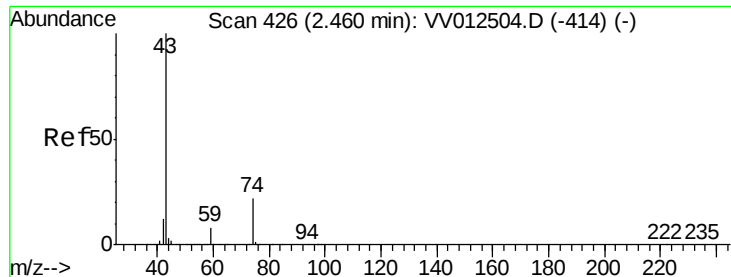
10000

0

2.25 2.30 2.35 2.40

Time-->

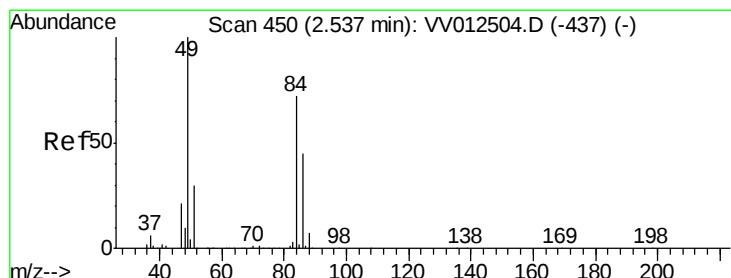
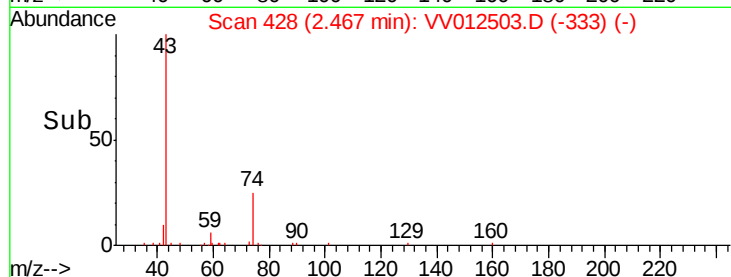
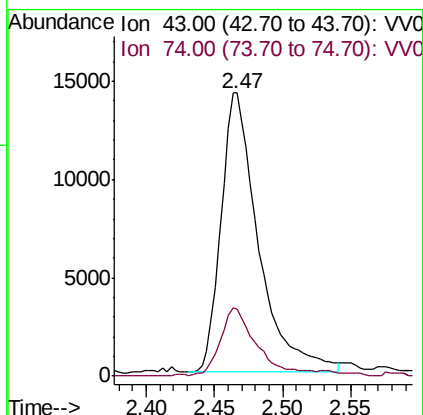
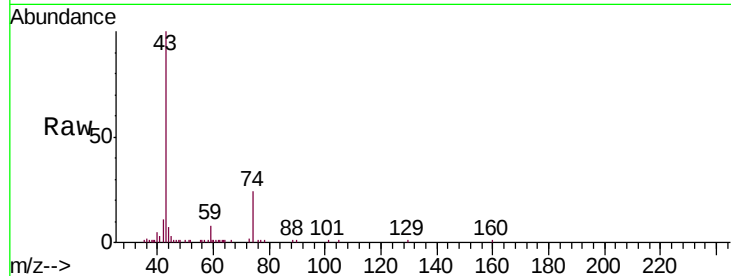




#15
Methyl Acetate
Concen: 10.543 ug/L
RT: 2.47 min Scan# 428
Delta R.T. 0.01 min
Lab File: VV012503.D
Acq: 01 Sep 2019 12:10

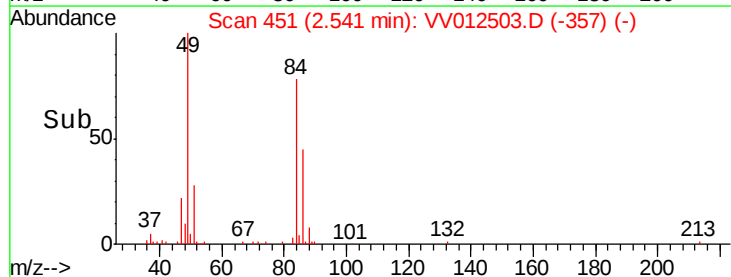
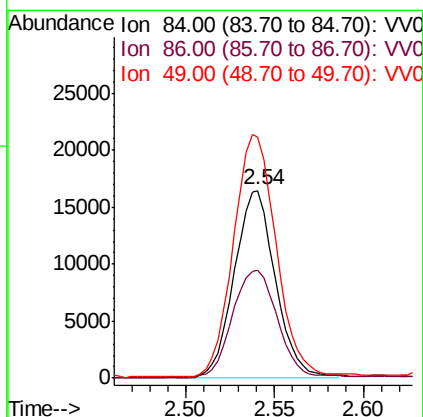
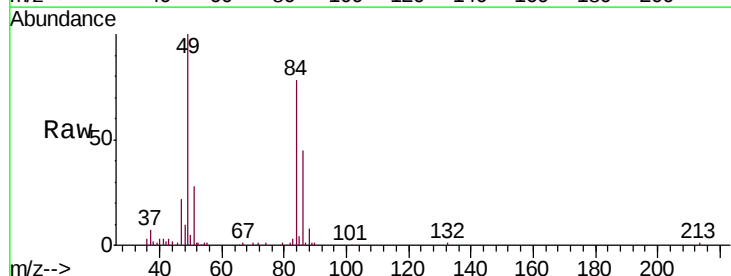
Instrument :
MSVOA_V
ClientSampleId :
VSTD01063

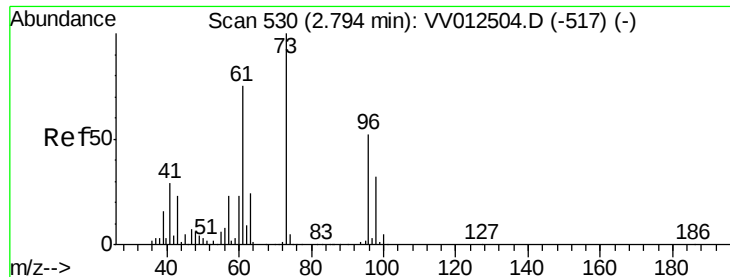
Tgt Ion: 43 Resp: 27169
Ion Ratio Lower Upper
43 100
74 23.5 18.0 27.0



#16
Methylene chloride
Concen: 11.298 ug/L
RT: 2.54 min Scan# 451
Delta R.T. 0.00 min
Lab File: VV012503.D
Acq: 01 Sep 2019 12:10

Tgt Ion: 84 Resp: 26483
Ion Ratio Lower Upper
84 100
86 57.6 43.5 80.7
49 128.4 97.3 180.7





#17

trans-1,2-Dichloroethene

Concen: 10.623 ug/L

RT: 2.80 min Scan# 531

Delta R.T. 0.00 min

Lab File: VV012503.D

Acq: 01 Sep 2019 12:10

Instrument :

MSVOA_V

ClientSampleId :

VSTD01063

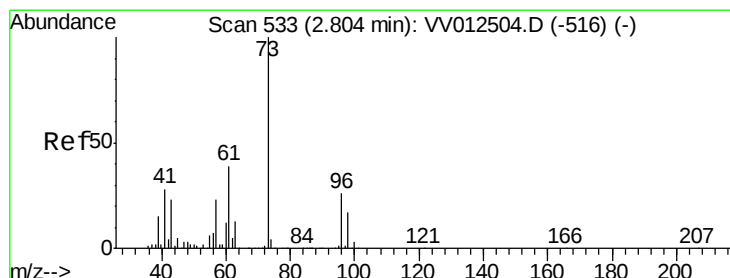
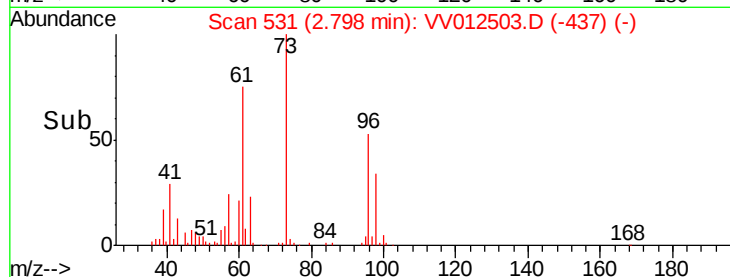
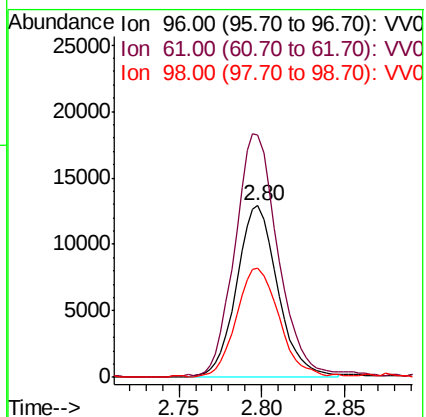
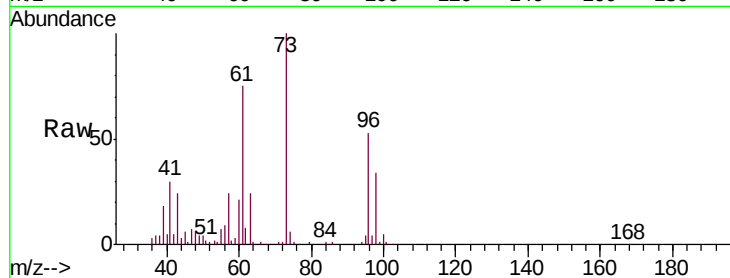
Tgt Ion: 96 Resp: 22448

Ion Ratio Lower Upper

96 100

61 141.3 101.4 188.2

98 63.5 43.3 80.5



#18

Methyl tert-butyl Ether

Concen: 9.640 ug/L

RT: 2.81 min Scan# 534

Delta R.T. 0.00 min

Lab File: VV012503.D

Acq: 01 Sep 2019 12:10

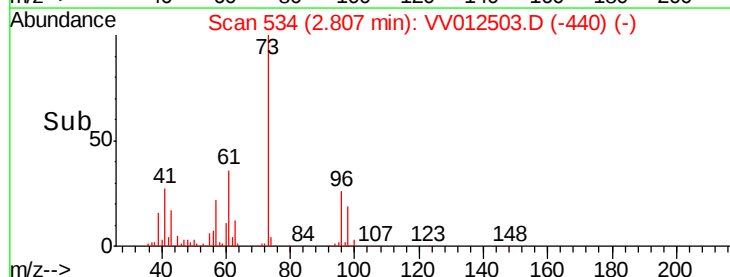
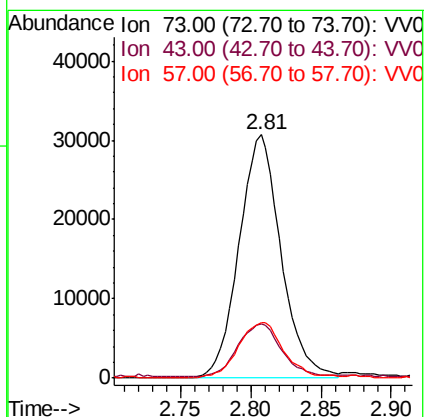
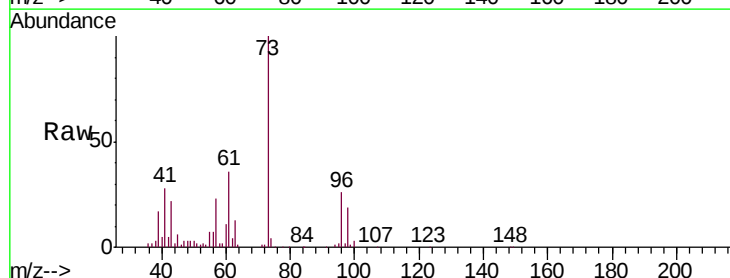
Tgt Ion: 73 Resp: 64034

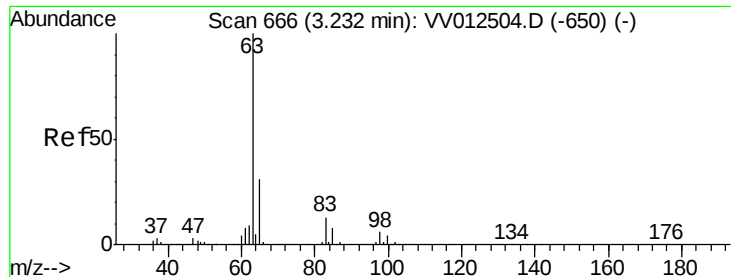
Ion Ratio Lower Upper

73 100

43 22.7 18.1 27.1

57 24.4 18.5 27.7





#19

1,1-Dichloroethane

Concen: 10.504 ug/L

RT: 3.23 min Scan# 666

Delta R.T. 0.00 min

Lab File: VV012503.D

Acq: 01 Sep 2019 12:10

Instrument :

MSVOA_V

ClientSampleId :

VSTD01063

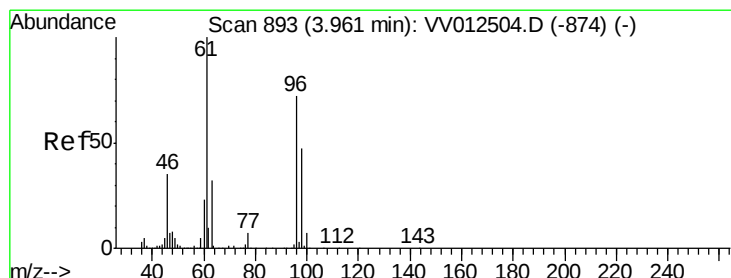
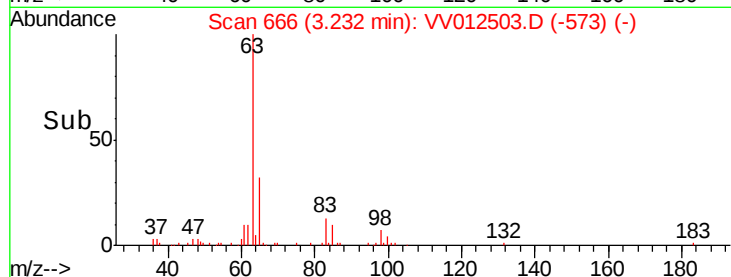
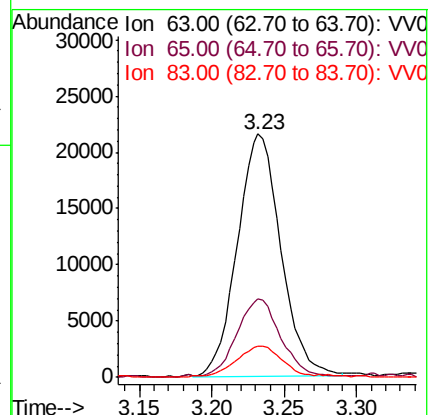
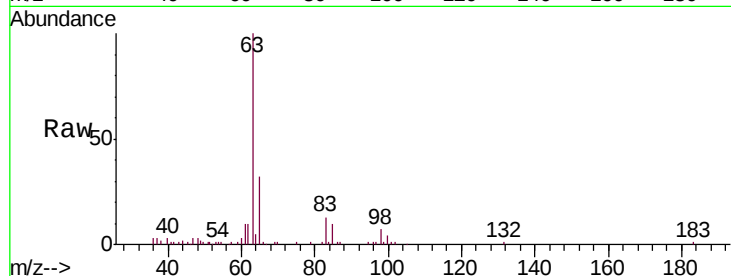
Tgt Ion: 63 Resp: 44962

Ion Ratio Lower Upper

63 100

65 32.0 21.8 40.6

83 13.0 9.3 17.3



#20

cis-1,2-Dichloroethene

Concen: 10.264 ug/L

RT: 3.96 min Scan# 894

Delta R.T. 0.00 min

Lab File: VV012503.D

Acq: 01 Sep 2019 12:10

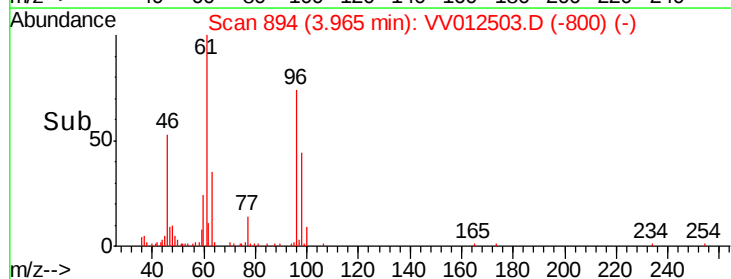
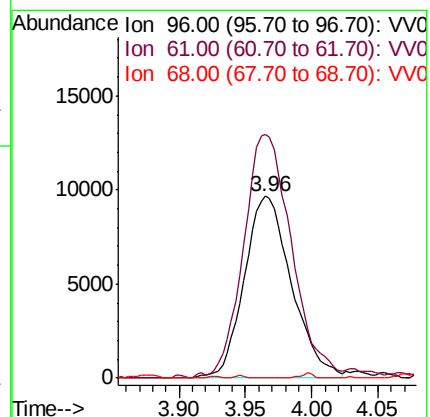
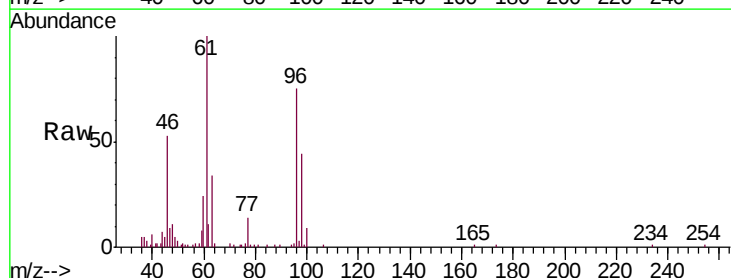
Tgt Ion: 96 Resp: 23977

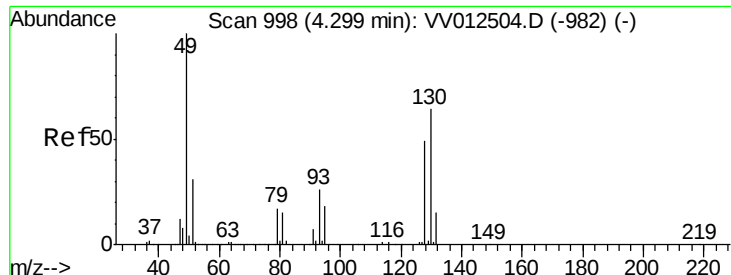
Ion Ratio Lower Upper

96 100

61 133.9 97.8 181.6

68 0.0 0.0 0.0





#23

Bromochloromethane

Concen: 11.095 ug/L

RT: 4.30 min Scan# 999

Delta R.T. 0.00 min

Lab File: VV012503.D

Acq: 01 Sep 2019 12:10

Instrument :

MSVOA_V

ClientSampleId :

VSTD01063

Tgt Ion:128 Resp: 12449

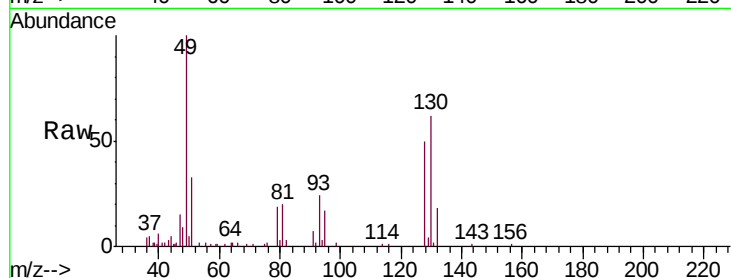
Ion Ratio Lower Upper

128 100

49 201.4 144.1 267.5

130 125.0 91.6 170.2

51 67.3 51.1 76.7



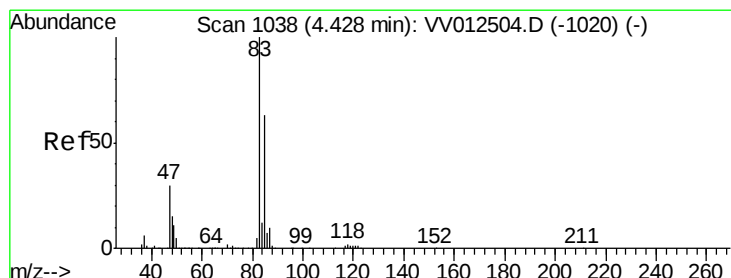
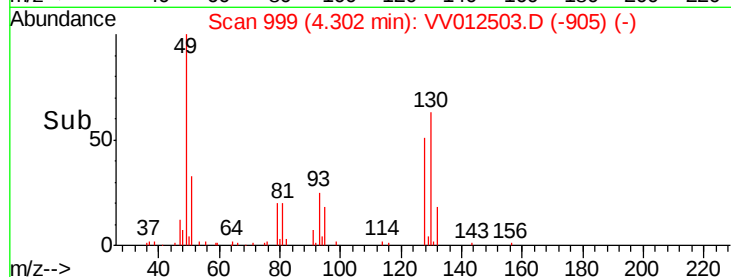
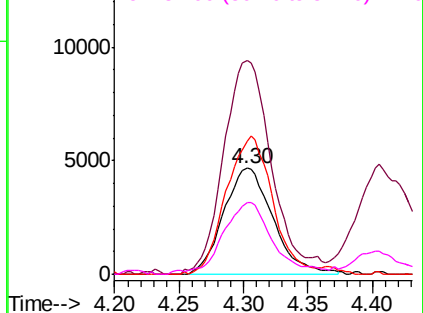
Abundance

Ion 128.00 (127.70 to 128.70): VV012503.D (-905) (-)

Ion 49.00 (48.70 to 49.70): VV012503.D (-905) (-)

Ion 130.00 (129.70 to 130.70): VV012503.D (-905) (-)

Ion 51.00 (50.70 to 51.70): VV012503.D (-905) (-)



#25

Chloroform

Concen: 10.830 ug/L

RT: 4.43 min Scan# 1038

Delta R.T. 0.00 min

Lab File: VV012503.D

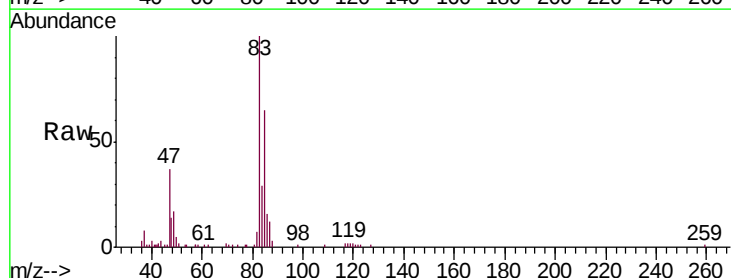
Acq: 01 Sep 2019 12:10

Tgt Ion: 83 Resp: 47141

Ion Ratio Lower Upper

83 100

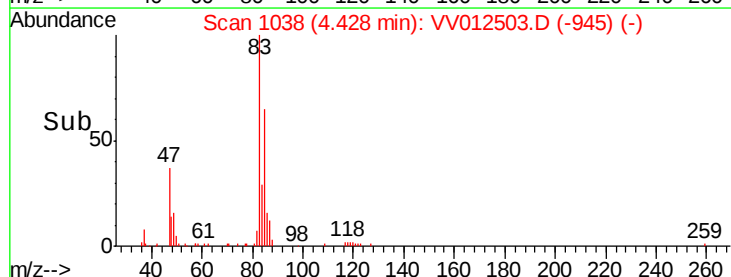
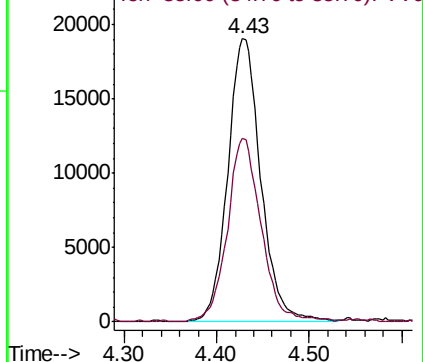
85 64.9 44.4 82.4

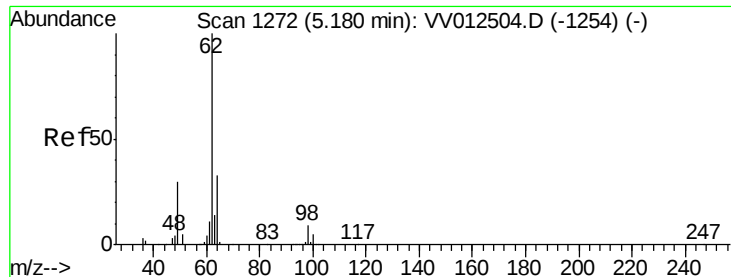


Abundance

Ion 83.00 (82.70 to 83.70): VV012503.D (-945) (-)

Ion 85.00 (84.70 to 85.70): VV012503.D (-945) (-)





#27

1,2-Dichloroethane

Concen: 10.588 ug/L

RT: 5.18 min Scan# 1272

Delta R.T. 0.00 min

Lab File: VV012503.D

Acq: 01 Sep 2019 12:10

Instrument :

MSVOA_V

ClientSampleId :

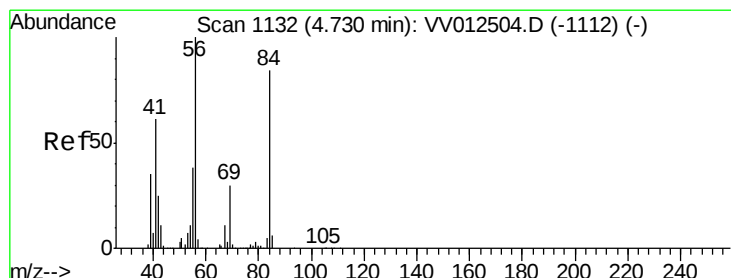
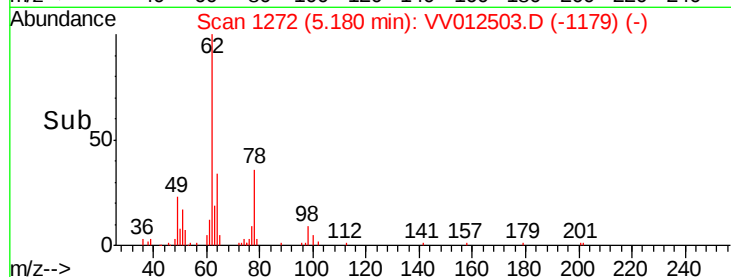
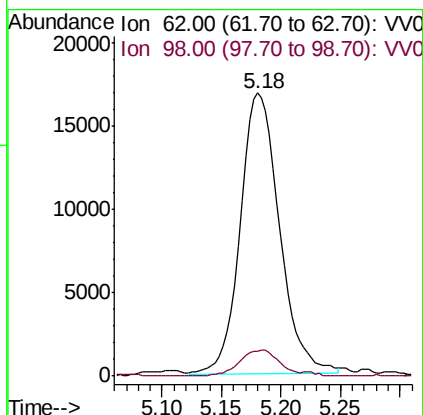
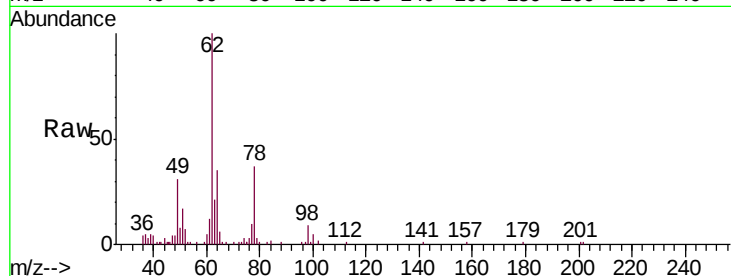
VSTD01063

Tgt Ion: 62 Resp: 38561

Ion Ratio Lower Upper

62 100

98 8.8 7.3 10.9



#29

Cyclohexane

Concen: 9.448 ug/L

RT: 4.73 min Scan# 1132

Delta R.T. 0.00 min

Lab File: VV012503.D

Acq: 01 Sep 2019 12:10

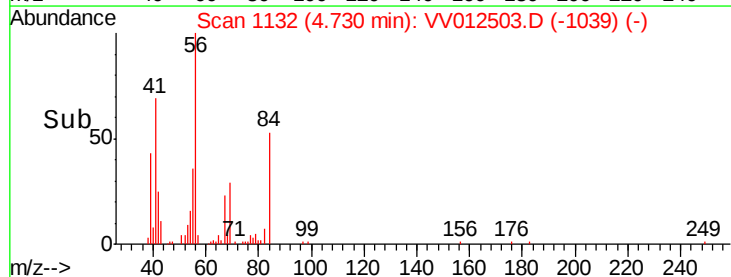
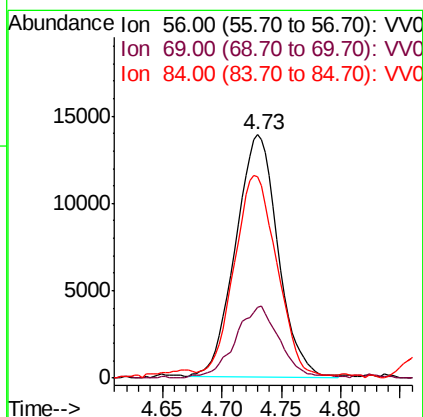
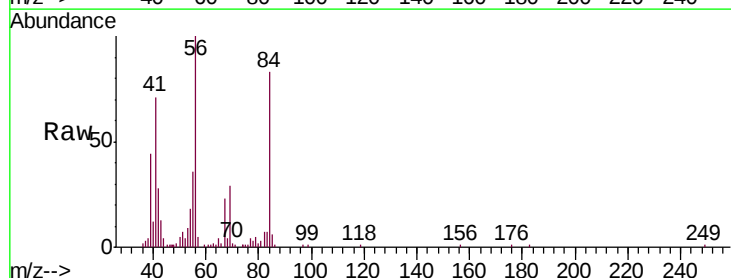
Tgt Ion: 56 Resp: 34172

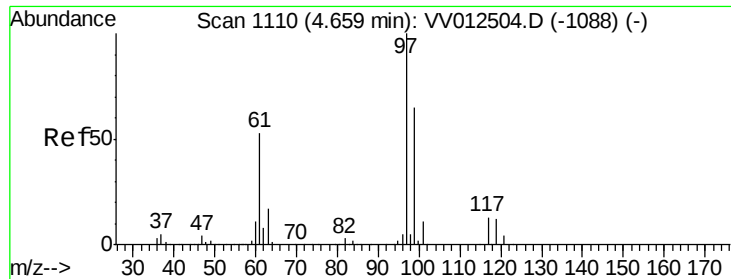
Ion Ratio Lower Upper

56 100

69 28.9 23.5 35.3

84 84.1 66.2 99.4

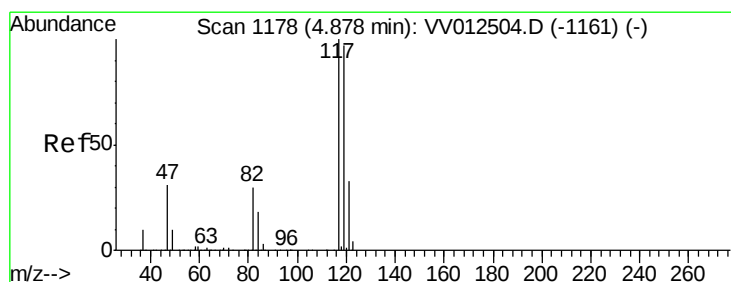
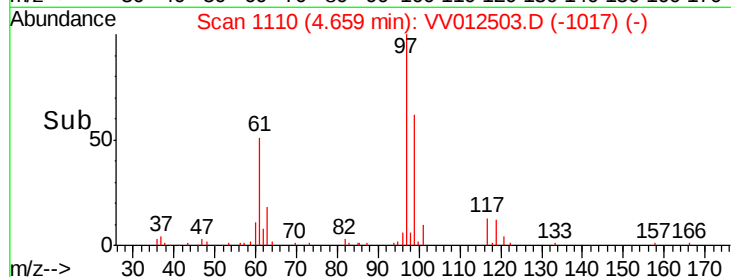
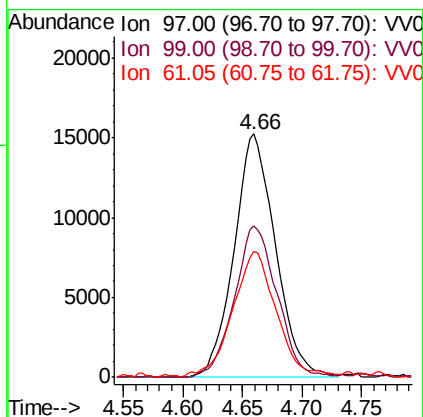
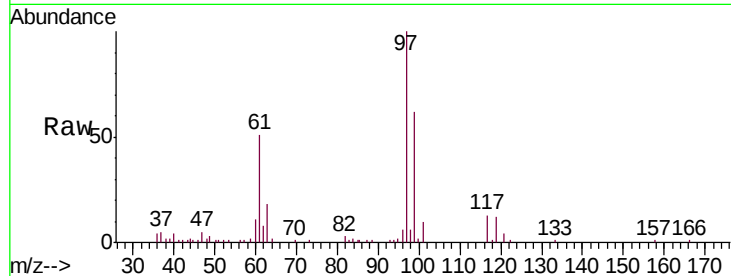




#30
 1,1,1-Trichloroethane
 Concen: 10.534 ug/L
 RT: 4.66 min Scan# 1110
 Delta R.T. 0.00 min
 Lab File: VV012503.D
 Acq: 01 Sep 2019 12:10

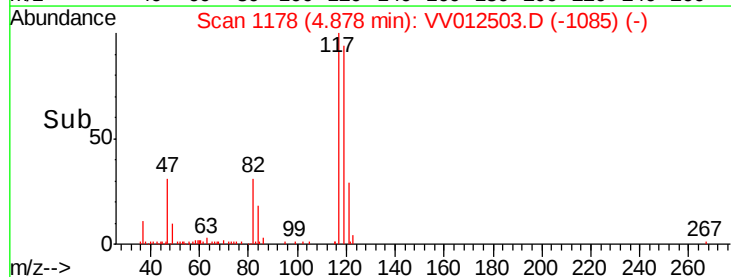
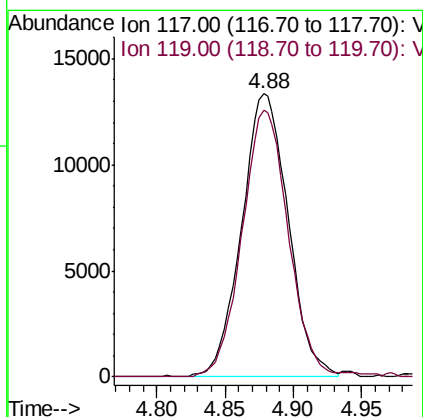
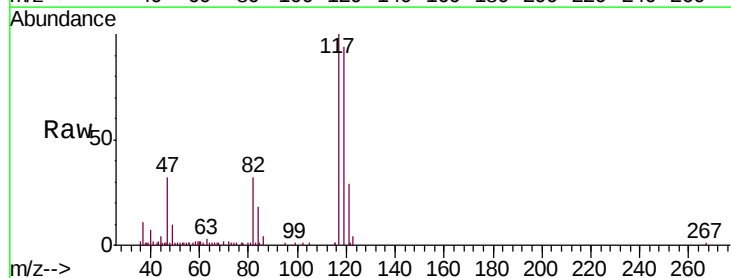
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD01063

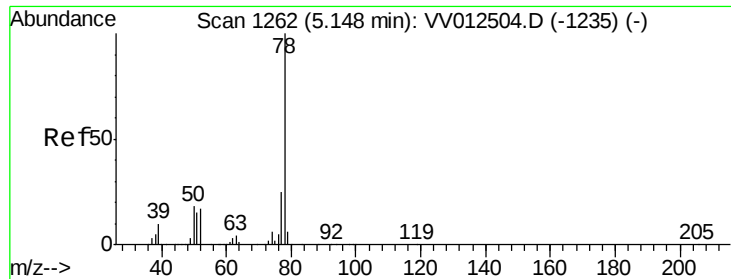
Tgt Ion: 97 Resp: 36789
 Ion Ratio Lower Upper
 97 100
 99 63.3 50.6 76.0
 61 54.2 41.7 62.5



#31
 Carbon tetrachloride
 Concen: 10.629 ug/L
 RT: 4.88 min Scan# 1178
 Delta R.T. 0.00 min
 Lab File: VV012503.D
 Acq: 01 Sep 2019 12:10

Tgt Ion: 117 Resp: 31562
 Ion Ratio Lower Upper
 117 100
 119 93.4 77.5 116.3





#33

Benzene

Concen: 10.334 ug/L

RT: 5.15 min Scan# 1262

Delta R.T. 0.00 min

Lab File: VV012503.D

Acq: 01 Sep 2019 12:10

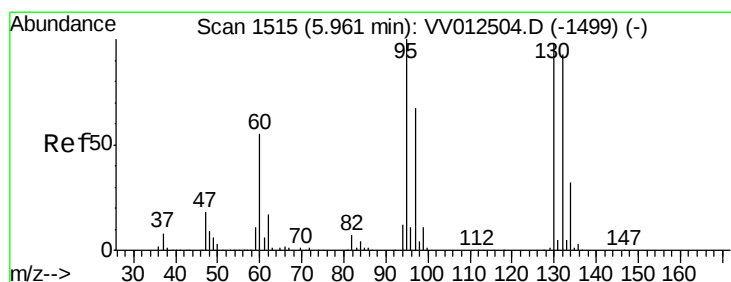
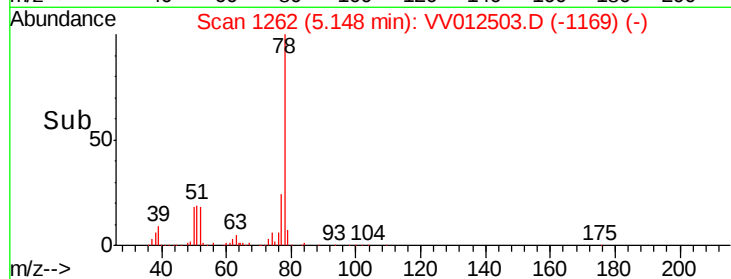
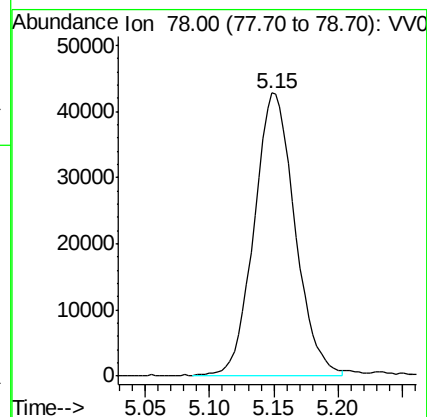
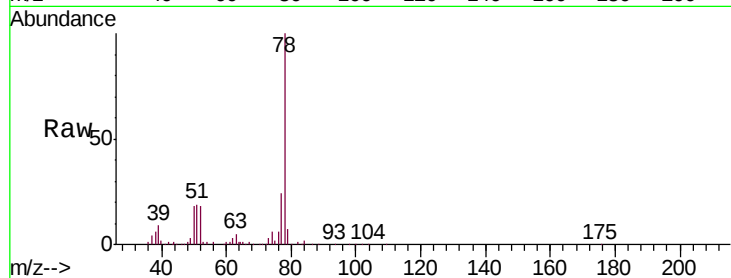
Instrument :

MSVOA_V

ClientSampleId :

VSTD01063

Tgt Ion: 78 Resp: 93514



#34

Trichloroethene

Concen: 10.262 ug/L

RT: 5.96 min Scan# 1515

Delta R.T. 0.00 min

Lab File: VV012503.D

Acq: 01 Sep 2019 12:10

Tgt Ion: 95 Resp: 25641

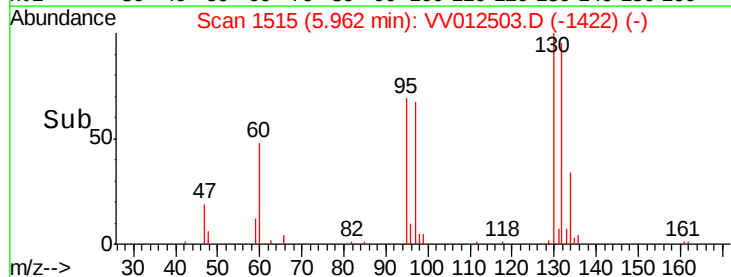
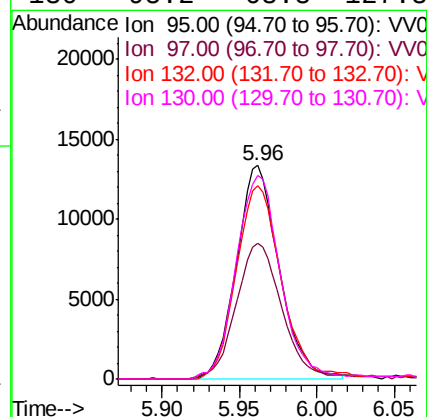
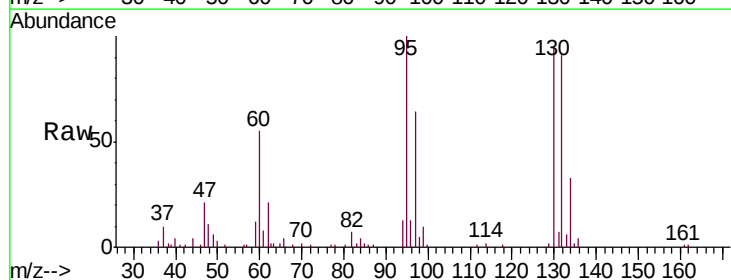
Ion	Ratio	Lower	Upper
95	100		
97	63.5	46.8	86.8
132	90.6	64.9	120.5
130	95.2	68.8	127.8

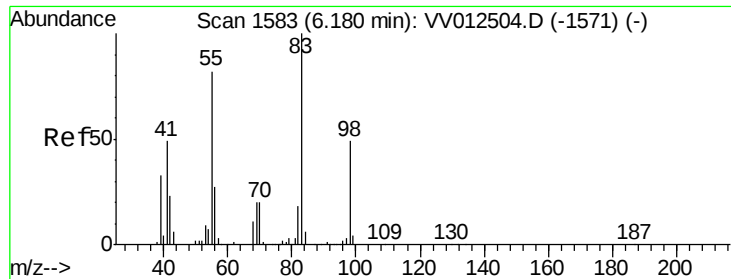
95 100

97 63.5 46.8 86.8

132 90.6 64.9 120.5

130 95.2 68.8 127.8

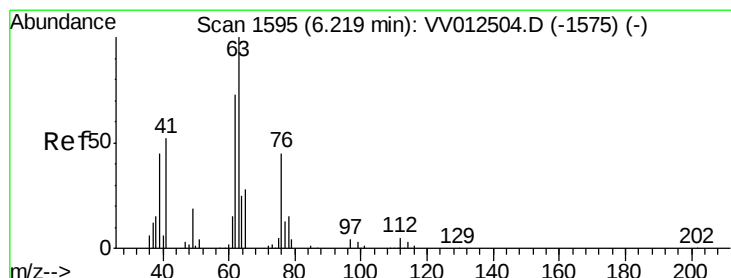
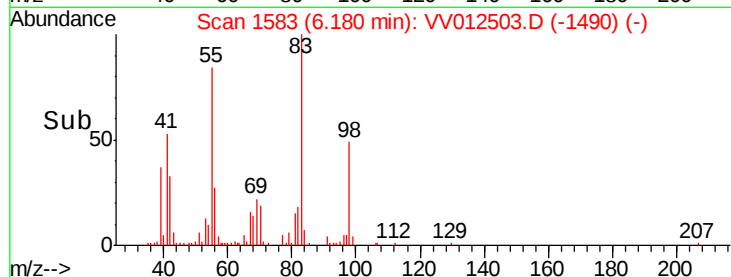
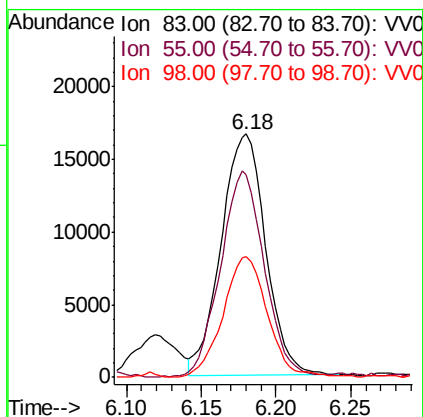
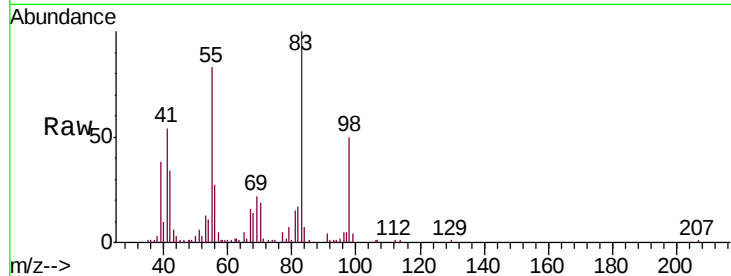




#35
Methylcyclohexane
Concen: 9.502 ug/L
RT: 6.18 min Scan# 1583
Delta R.T. 0.00 min
Lab File: VV012503.D
Acq: 01 Sep 2019 12:10

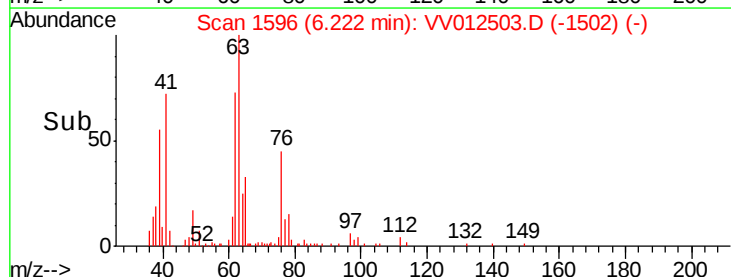
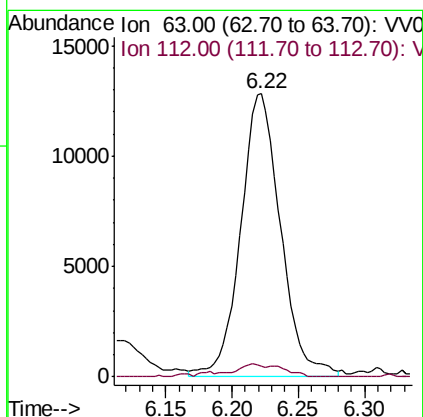
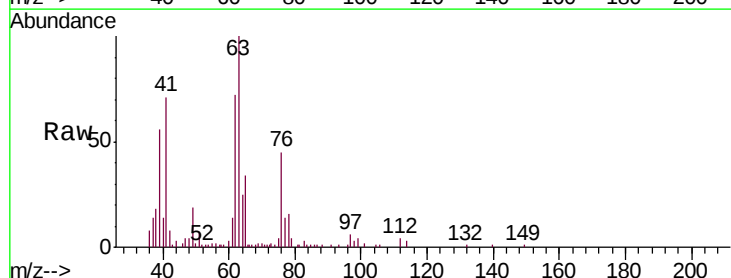
Instrument :
MSVOA_V
ClientSampleId :
VSTD01063

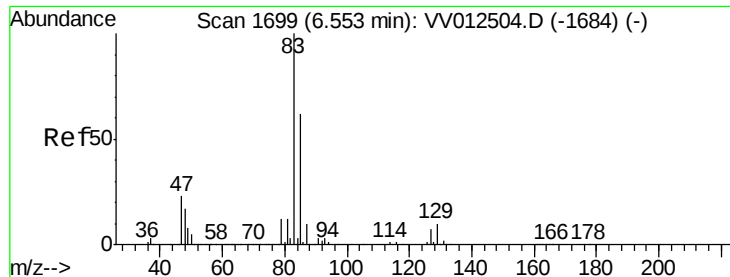
Tgt Ion: 83 Resp: 34443
Ion Ratio Lower Upper
83 100
55 84.3 65.1 97.7
98 49.8 38.5 57.7



#37
1,2-Dichloropropane
Concen: 11.037 ug/L
RT: 6.22 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VV012503.D
Acq: 01 Sep 2019 12:10

Tgt Ion: 63 Resp: 26902
Ion Ratio Lower Upper
63 100
112 1.6 3.5 5.3#

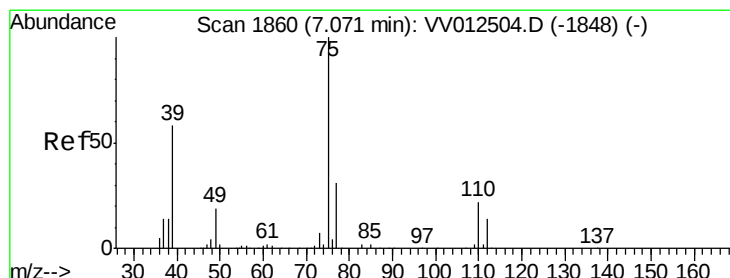
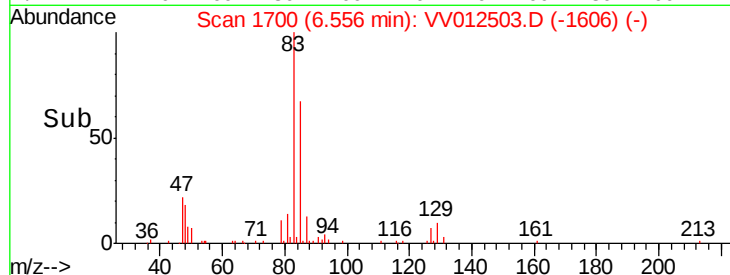
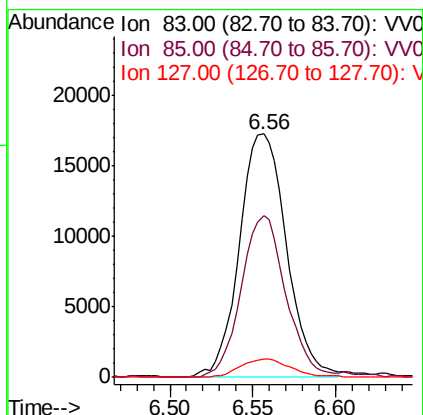
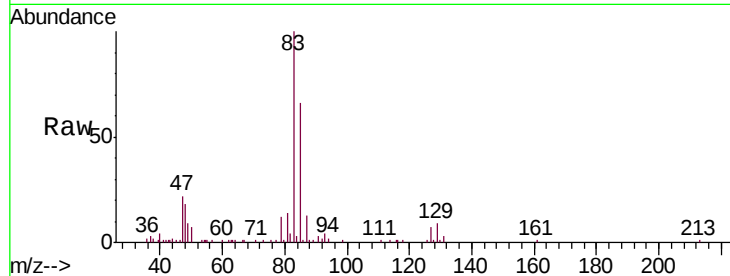




#38
 Bromodichloromethane
 Concen: 10.618 ug/L
 RT: 6.56 min Scan# 1700
 Delta R.T. 0.00 min
 Lab File: VV012503.D
 Acq: 01 Sep 2019 12:10

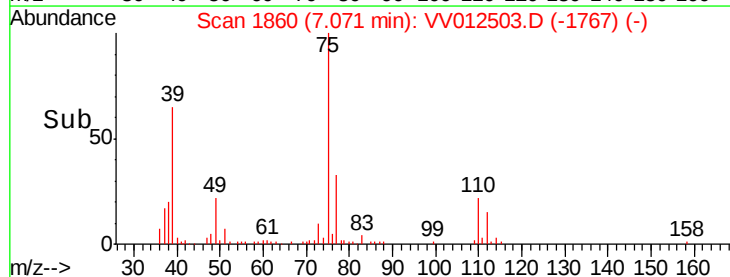
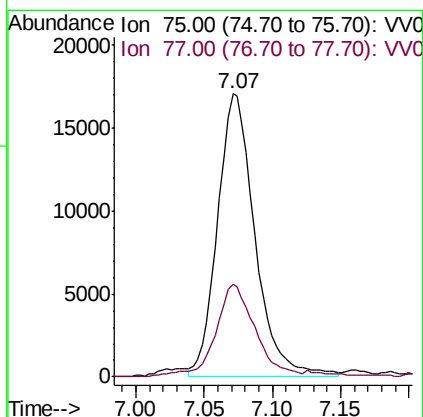
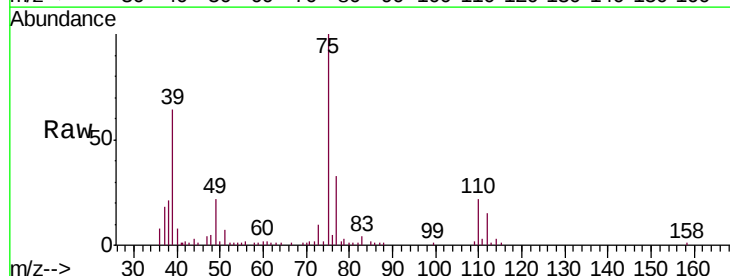
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD01063

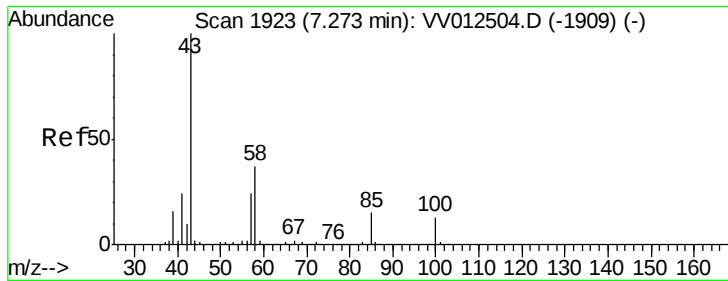
Tgt Ion: 83 Resp: 34118
 Ion Ratio Lower Upper
 83 100
 85 66.3 43.1 80.1
 127 7.3 5.6 8.4



#39
 cis-1,3-Dichloropropene
 Concen: 9.363 ug/L
 RT: 7.07 min Scan# 1860
 Delta R.T. 0.00 min
 Lab File: VV012503.D
 Acq: 01 Sep 2019 12:10

Tgt Ion: 75 Resp: 32716
 Ion Ratio Lower Upper
 75 100
 77 32.9 21.8 40.6

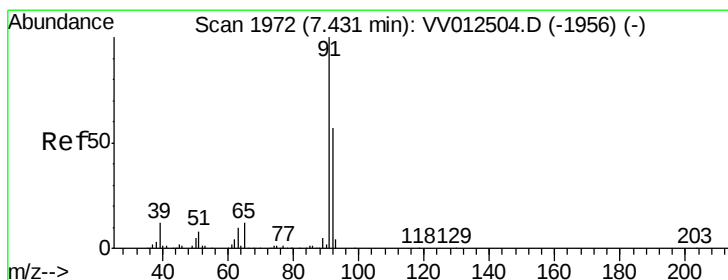
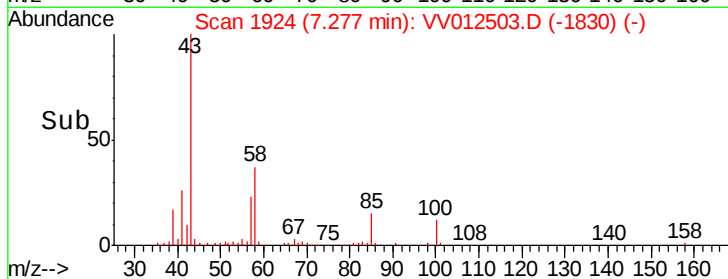
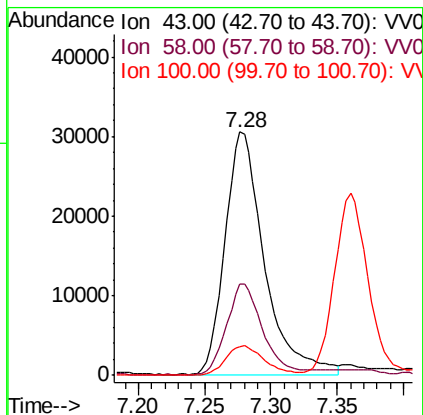
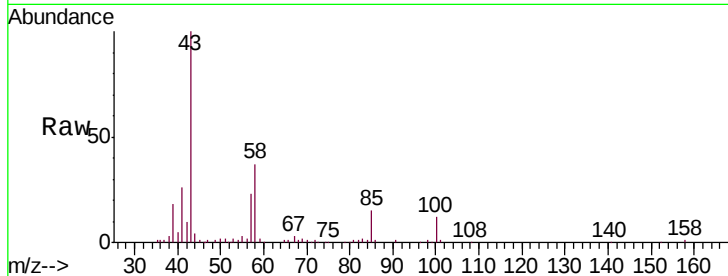




#40
 4-Methyl-2-pentanone
 Concen: 18.635 ug/L
 RT: 7.28 min Scan# 1924
 Delta R.T. 0.00 min
 Lab File: VV012503.D
 Acq: 01 Sep 2019 12:10

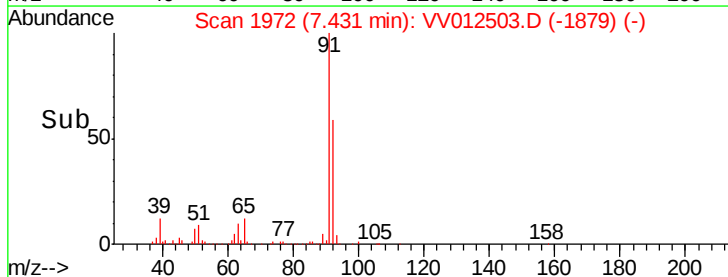
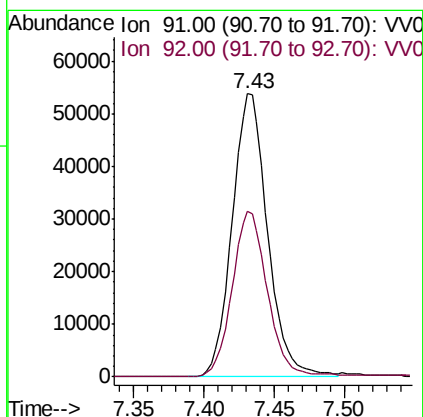
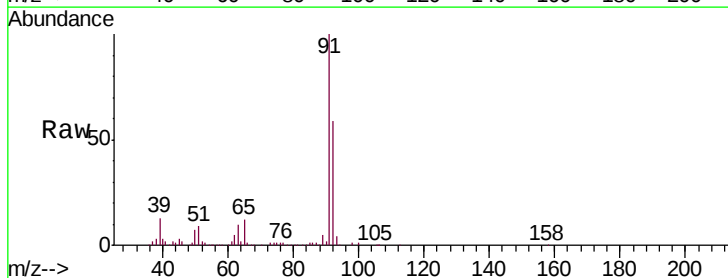
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD01063

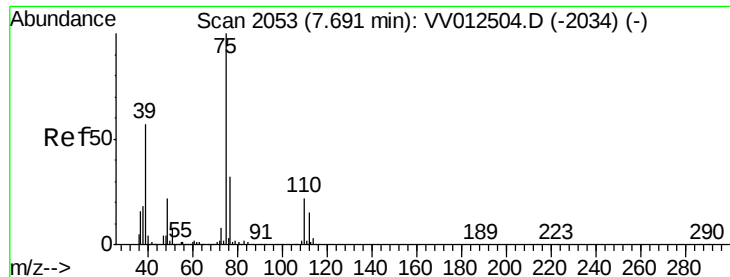
Tgt Ion: 43 Resp: 63564
 Ion Ratio Lower Upper
 43 100
 58 33.4 29.8 44.6
 100 12.0 10.6 16.0



#42
 Toluene
 Concen: 9.987 ug/L
 RT: 7.43 min Scan# 1972
 Delta R.T. 0.00 min
 Lab File: VV012503.D
 Acq: 01 Sep 2019 12:10

Tgt Ion: 91 Resp: 94881
 Ion Ratio Lower Upper
 91 100
 92 58.7 39.8 73.8





#44

trans-1,3-Dichloropropene

Concen: 9.291 ug/L

RT: 7.69 min Scan# 2054

Delta R.T. 0.00 min

Lab File: VV012503.D

Acq: 01 Sep 2019 12:10

Instrument :

MSVOA_V

ClientSampleId :

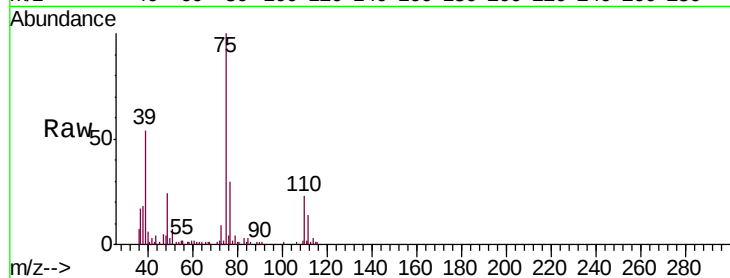
VSTD01063

Tgt Ion: 75 Resp: 29376

Ion Ratio Lower Upper

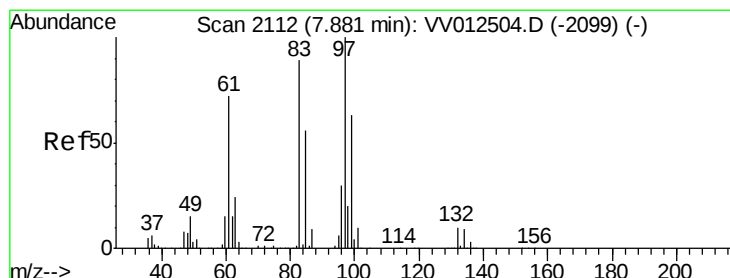
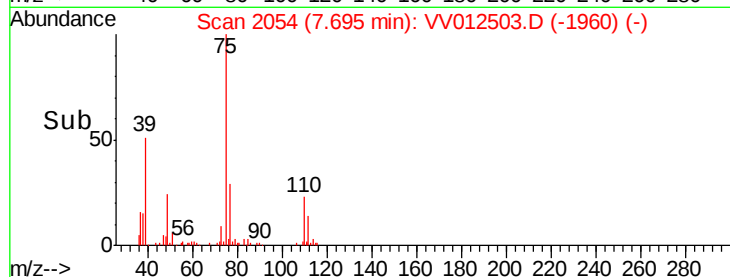
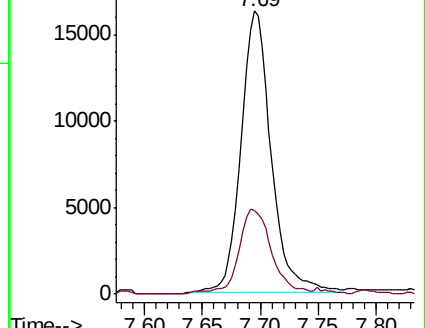
75 100

77 29.8 22.3 41.3



Abundance Ion 75.00 (74.70 to 75.70): VV012504.D (-2034) (-)

Ion 77.00 (76.70 to 77.70): VV012504.D (-2034) (-)



#45

1,1,2-Trichloroethane

Concen: 10.858 ug/L

RT: 7.88 min Scan# 2112

Delta R.T. 0.00 min

Lab File: VV012503.D

Acq: 01 Sep 2019 12:10

Tgt Ion: 97 Resp: 23923

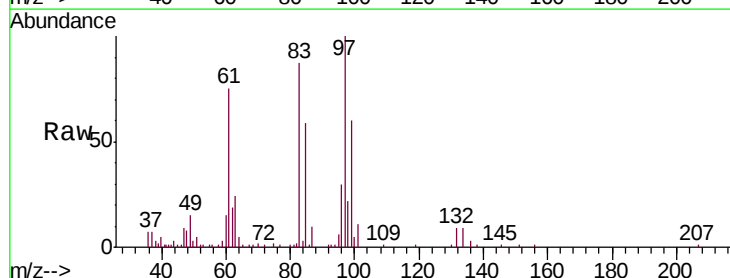
Ion Ratio Lower Upper

97 100

99 60.5 44.0 81.6

83 86.5 62.3 115.7

85 58.6 39.1 72.5

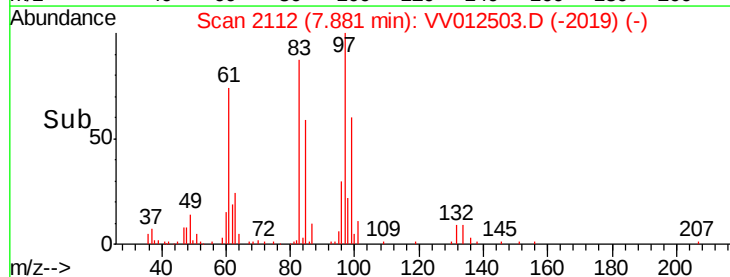
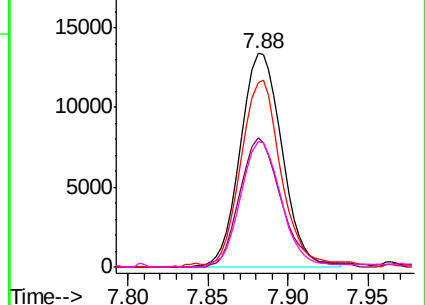


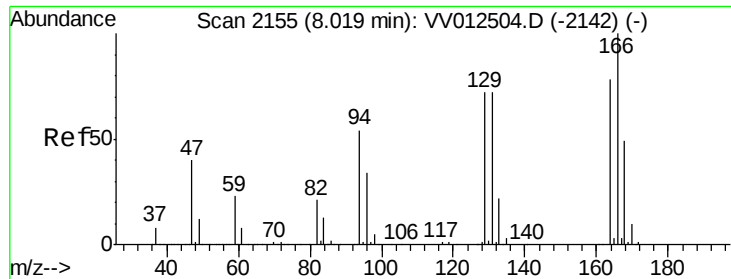
Abundance Ion 97.00 (96.70 to 97.70): VV012504.D (-2099) (-)

Ion 99.00 (98.70 to 99.70): VV012504.D (-2099) (-)

Ion 83.00 (82.70 to 83.70): VV012504.D (-2099) (-)

Ion 85.00 (84.70 to 85.70): VV012504.D (-2099) (-)





#46

Tetrachloroethene

Concen: 10.372 ug/L

RT: 8.02 min Scan# 2155

Delta R.T. 0.00 min

Lab File: VV012503.D

Acq: 01 Sep 2019 12:10

Instrument :

MSVOA_V

ClientSampleId :

VSTD01063

Tgt Ion:164 Resp: 17439

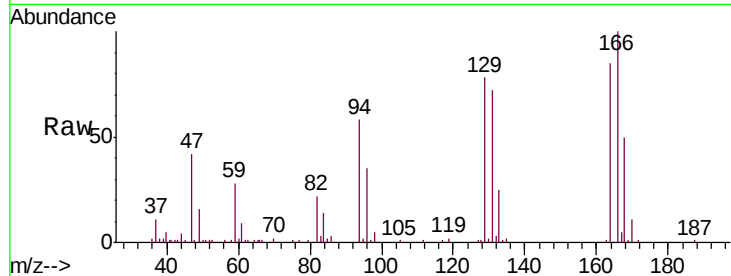
Ion Ratio Lower Upper

164 100

129 92.5 64.8 120.4

131 85.4 64.3 119.5

166 118.2 89.7 166.7

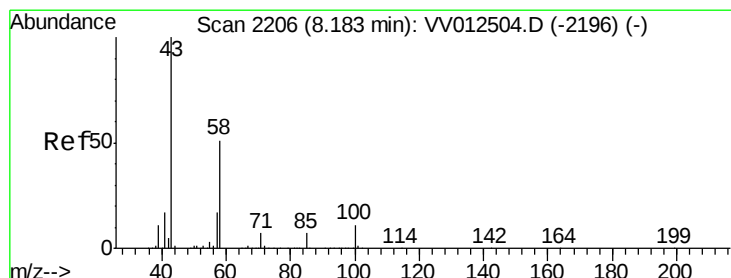
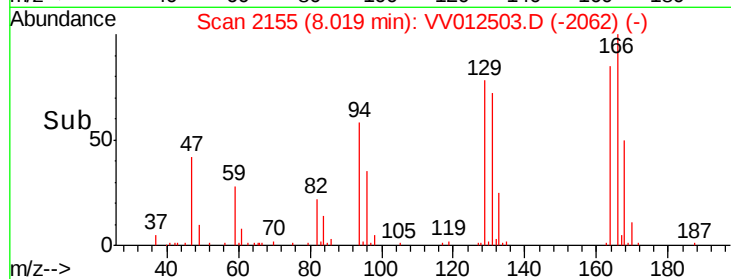
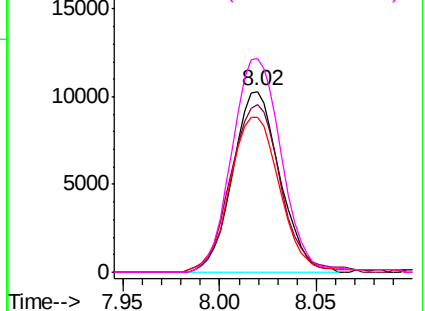


Abundance Ion 164.00 (163.70 to 164.70): V

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: 16.812 ug/L

RT: 8.19 min Scan# 2208

Delta R.T. 0.01 min

Lab File: VV012503.D

Acq: 01 Sep 2019 12:10

Tgt Ion: 43 Resp: 44903

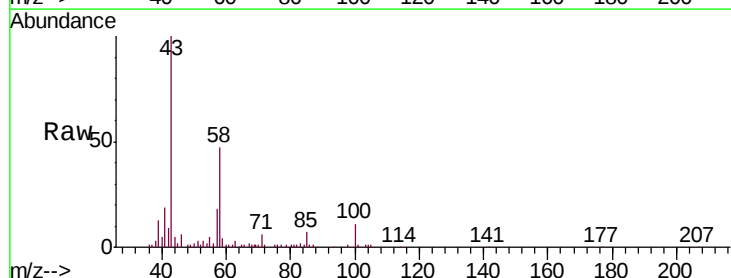
Ion Ratio Lower Upper

43 100

58 48.4 40.6 61.0

57 13.8 13.3 19.9

100 11.2 8.1 12.1

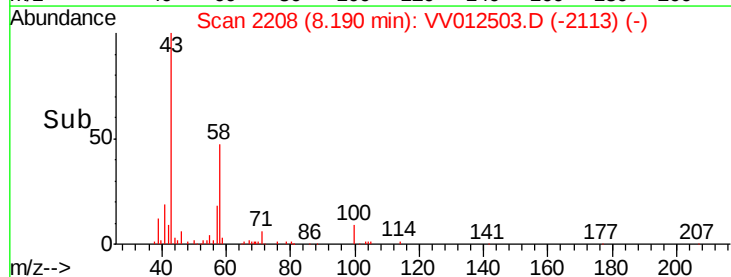
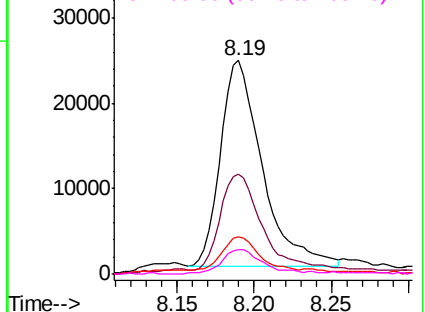


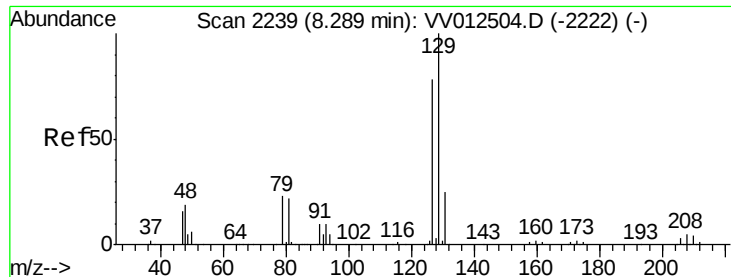
Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0

Ion 57.00 (56.70 to 57.70): VV0

Ion 100.00 (99.70 to 100.70): VV0





#49

Dibromochloromethane

Concen: 10.056 ug/L

RT: 8.29 min Scan# 2239

Delta R.T. 0.00 min

Lab File: VV012503.D

Acq: 01 Sep 2019 12:10

Instrument :

MSVOA_V

ClientSampleId :

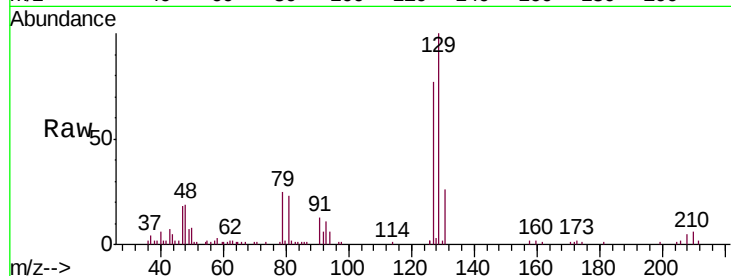
VSTD01063

Tgt Ion:129 Resp: 23233

Ion Ratio Lower Upper

129 100

127 76.8 54.7 101.5



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V

8.29

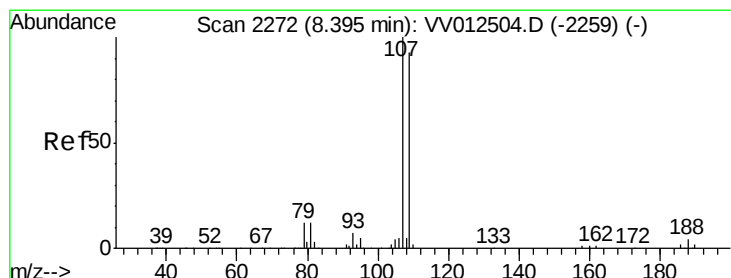
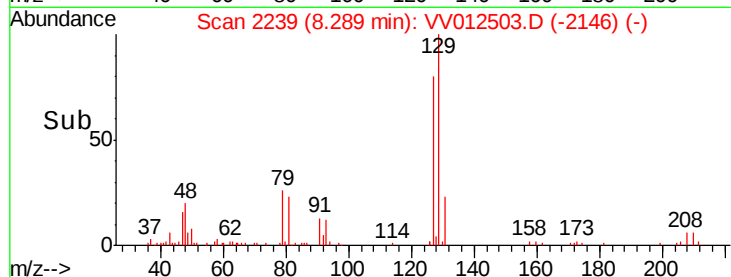
15000

10000

5000

0

Time--> 8.20 8.25 8.30 8.35



#50

1,2-Dibromoethane

Concen: 10.157 ug/L

RT: 8.40 min Scan# 2272

Delta R.T. 0.00 min

Lab File: VV012503.D

Acq: 01 Sep 2019 12:10

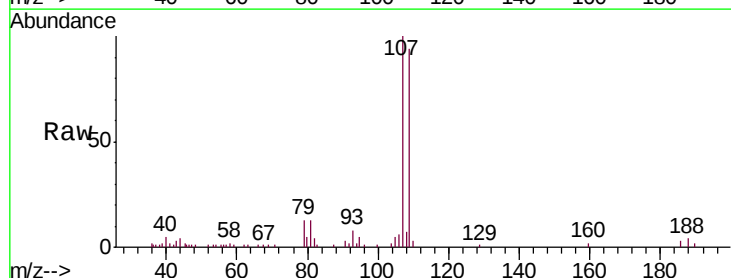
Tgt Ion:107 Resp: 23144

Ion Ratio Lower Upper

107 100

109 94.3 65.0 120.6

188 3.6 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

8.40

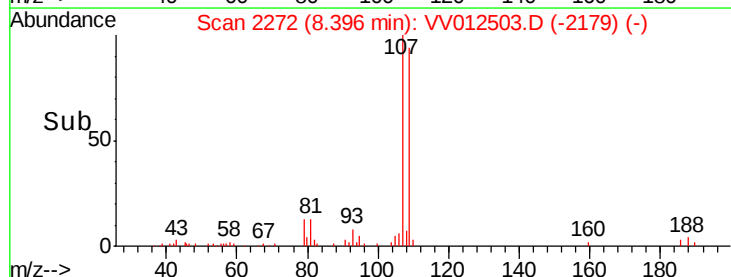
15000

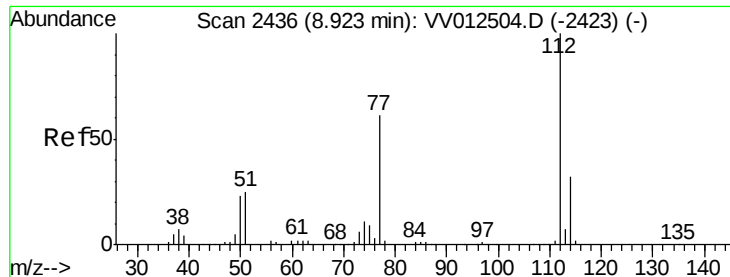
10000

5000

0

Time--> 8.35 8.40 8.45

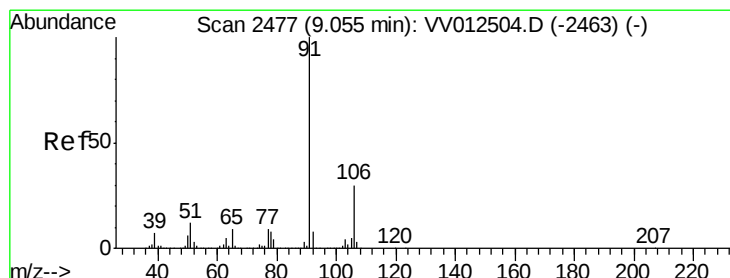
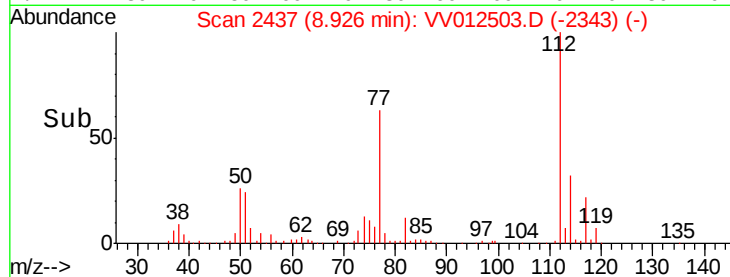
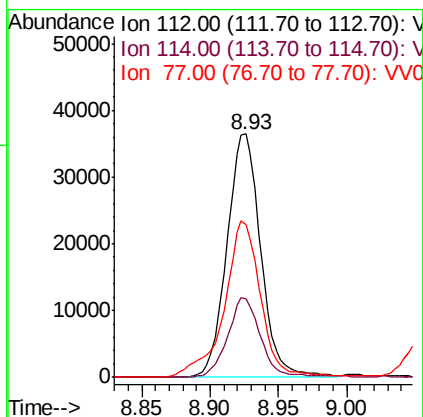
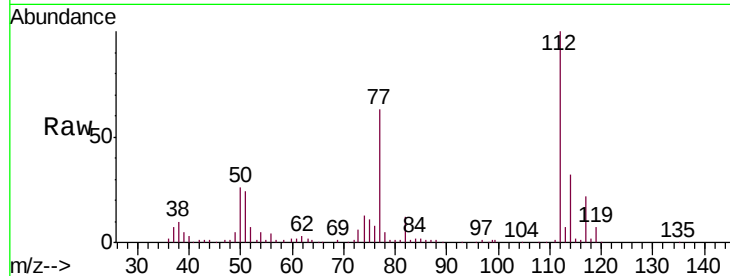




#51
Chlorobenzene
Concen: 10.506 ug/L
RT: 8.93 min Scan# 2437
Delta R.T. 0.00 min
Lab File: VV012503.D
Acq: 01 Sep 2019 12:10

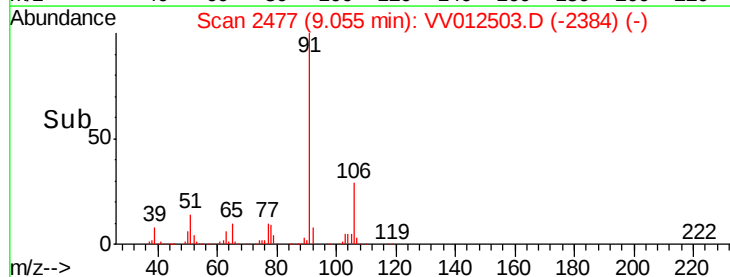
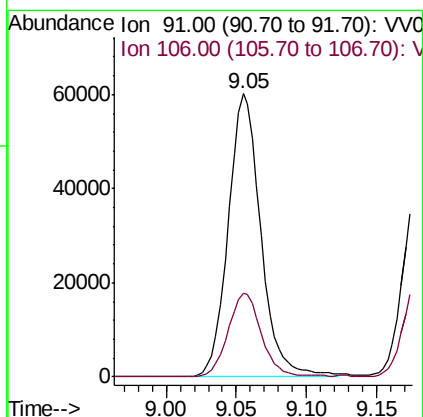
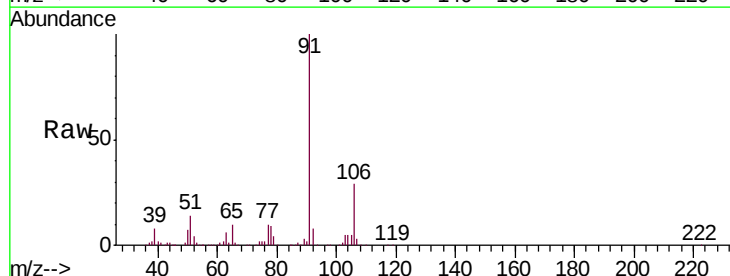
Instrument :
MSVOA_V
ClientSampleId :
VSTD01063

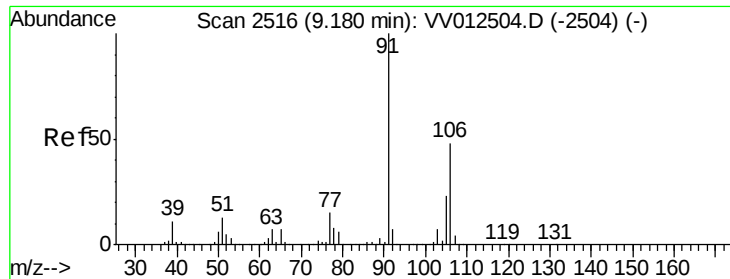
Tgt Ion: 112 Resp: 62674
Ion Ratio Lower Upper
112 100
114 32.0 22.5 41.7
77 62.9 49.4 74.2



#52
Ethylbenzene
Concen: 9.449 ug/L
RT: 9.05 min Scan# 2477
Delta R.T. 0.00 min
Lab File: VV012503.D
Acq: 01 Sep 2019 12:10

Tgt Ion: 91 Resp: 97288
Ion Ratio Lower Upper
91 100
106 29.4 21.1 39.3





#53

m,p-Xylene

Concen: 9.642 ug/L

RT: 9.18 min Scan# 2516

Delta R.T. 0.00 min

Lab File: VV012503.D

Acq: 01 Sep 2019 12:10

Instrument :

MSVOA_V

ClientSampleId :

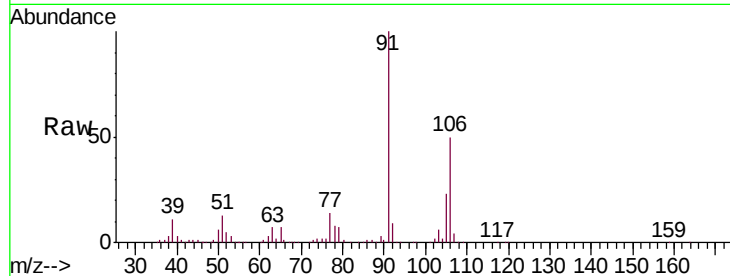
VSTD01063

Tgt Ion:106 Resp: 35655

Ion Ratio Lower Upper

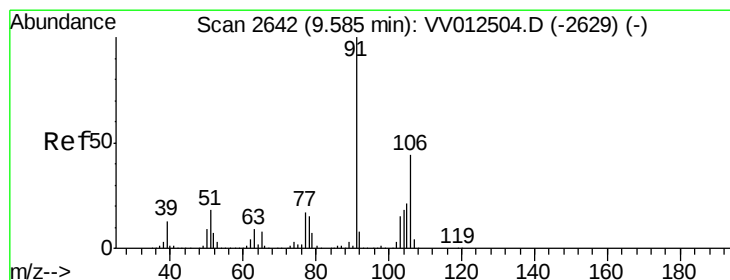
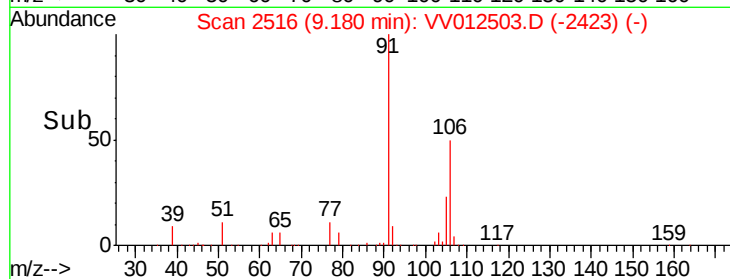
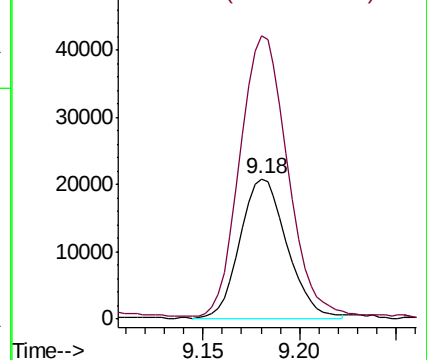
106 100

91 201.3 146.2 271.6



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VV0



#54

o-xylene

Concen: 9.139 ug/L

RT: 9.59 min Scan# 2643

Delta R.T. 0.00 min

Lab File: VV012503.D

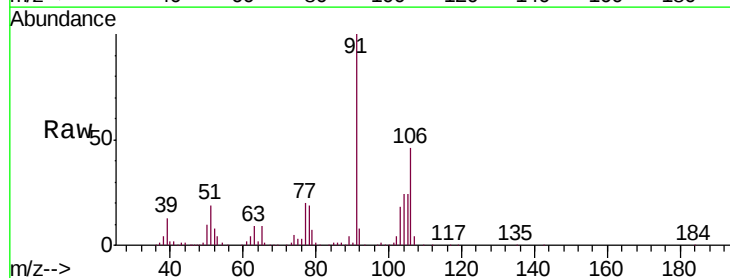
Acq: 01 Sep 2019 12:10

Tgt Ion:106 Resp: 33717

Ion Ratio Lower Upper

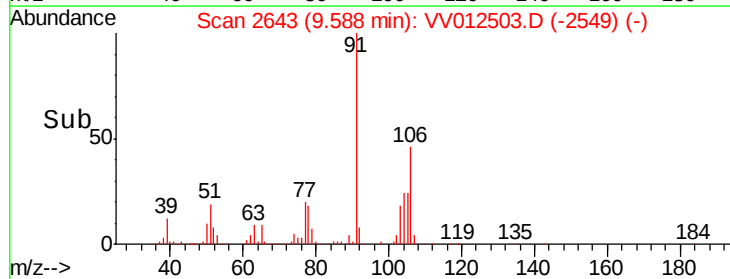
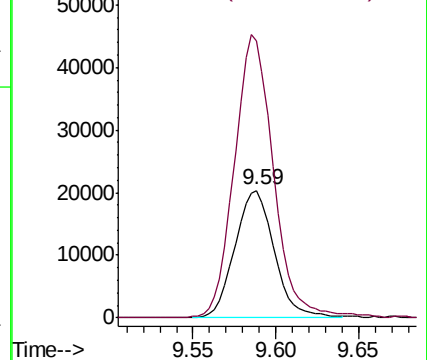
106 100

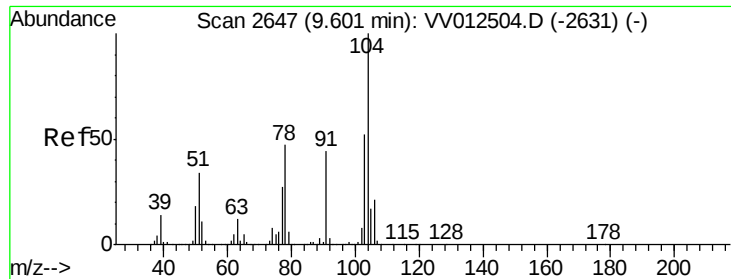
91 217.4 157.7 292.9



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VV0





#55

Styrene

Concen: 8.884 ug/L

RT: 9.60 min Scan# 2648

Delta R.T. 0.00 min

Lab File: VV012503.D

Acq: 01 Sep 2019 12:10

Instrument :

MSVOA_V

ClientSampleId :

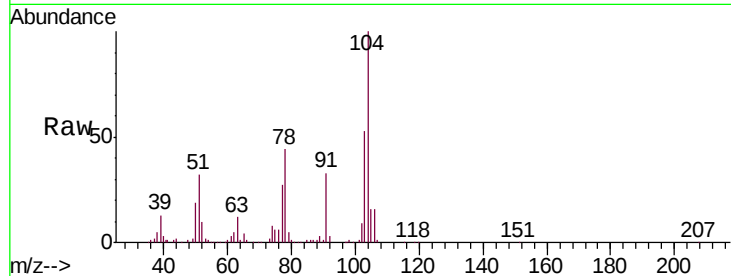
VSTD01063

Tgt Ion:104 Resp: 55500

Ion Ratio Lower Upper

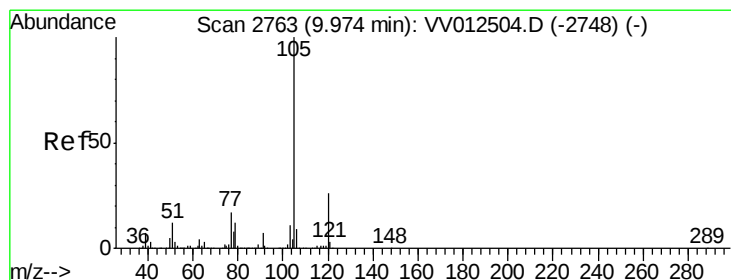
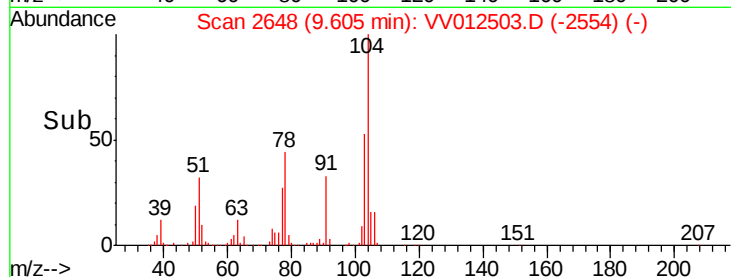
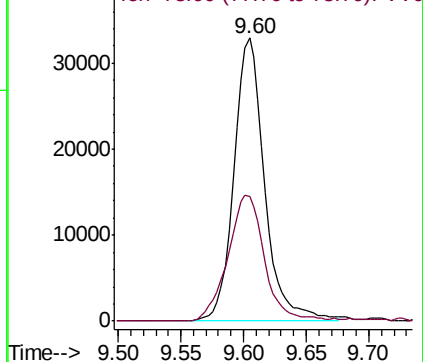
104 100

78 44.0 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: 9.344 ug/L

RT: 9.97 min Scan# 2763

Delta R.T. 0.00 min

Lab File: VV012503.D

Acq: 01 Sep 2019 12:10

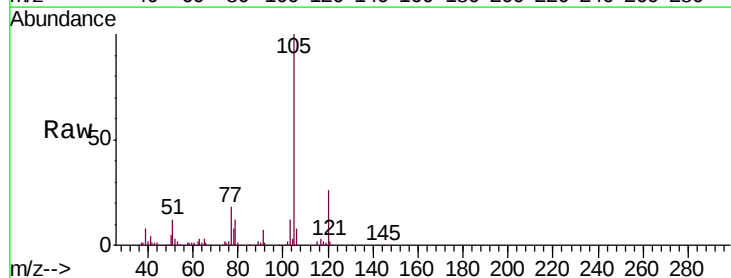
Tgt Ion:105 Resp: 89884

Ion Ratio Lower Upper

105 100

120 25.1 20.4 30.6

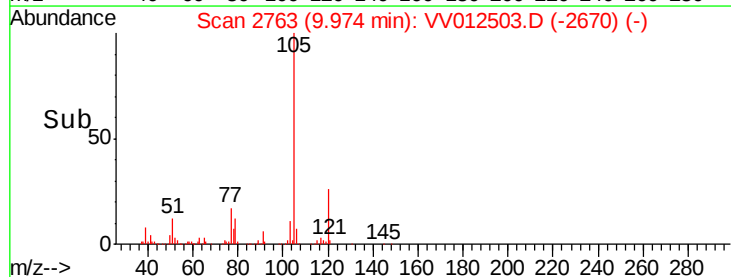
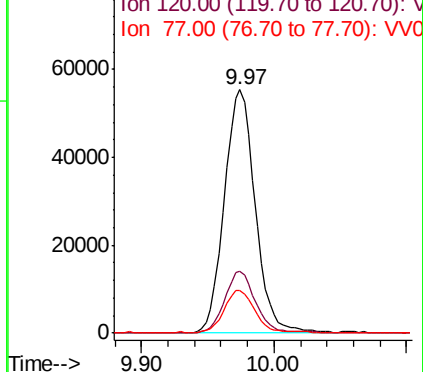
77 17.6 13.8 20.6

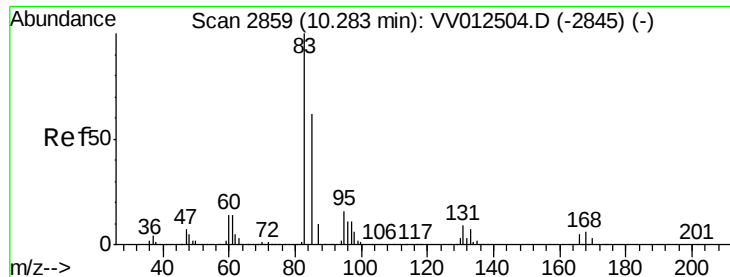


Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

Ion 77.00 (76.70 to 77.70): VV0





#58

1,1,2,2-Tetrachloroethane

Concen: 10.486 ug/L

RT: 10.29 min Scan# 2860

Delta R.T. 0.00 min

Lab File: VV012503.D

Acq: 01 Sep 2019 12:10

Instrument :

MSVOA_V

ClientSampleId :

VSTD01063

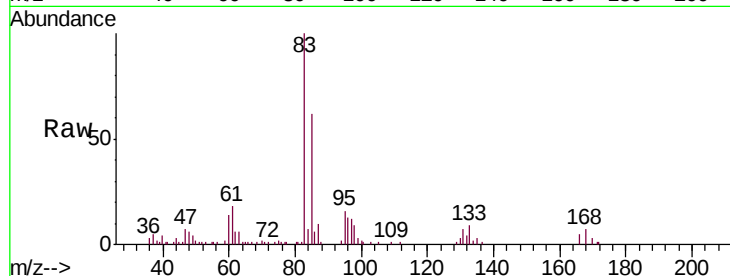
Tgt Ion: 83 Resp: 34262

Ion Ratio Lower Upper

83 100

85 62.2 43.4 80.6

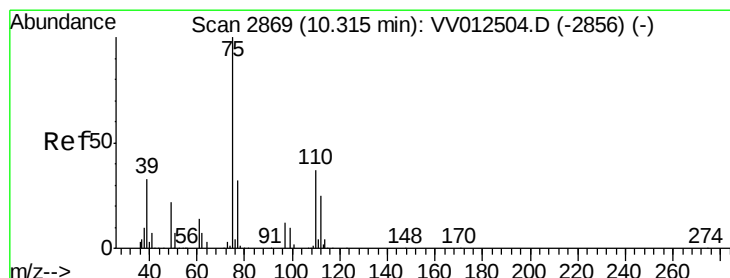
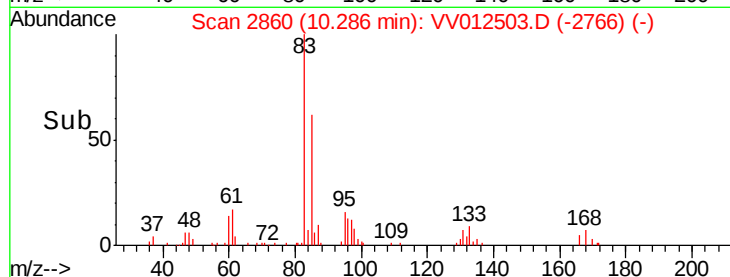
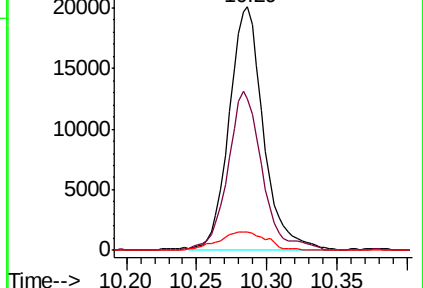
131 7.4 7.1 10.7



Abundance Ion 83.00 (82.70 to 83.70): VV012503.D (-2766) (-)

Ion 85.00 (84.70 to 85.70): VV012503.D (-2766) (-)

Ion 131.00 (130.70 to 131.70): VV012503.D (-2766) (-)



#59

1,2,3-Trichloropropane

Concen: 10.222 ug/L

RT: 10.32 min Scan# 2869

Delta R.T. 0.00 min

Lab File: VV012503.D

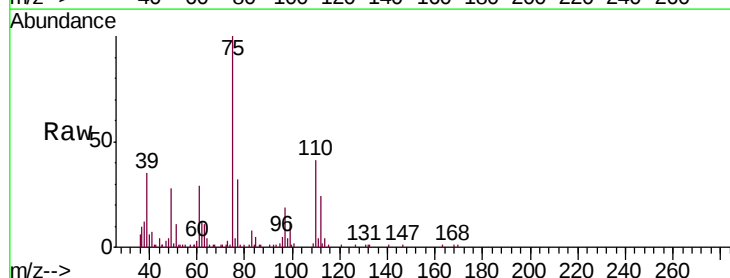
Acq: 01 Sep 2019 12:10

Tgt Ion: 75 Resp: 30206

Ion Ratio Lower Upper

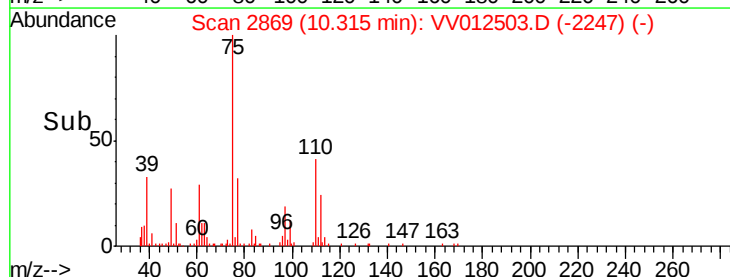
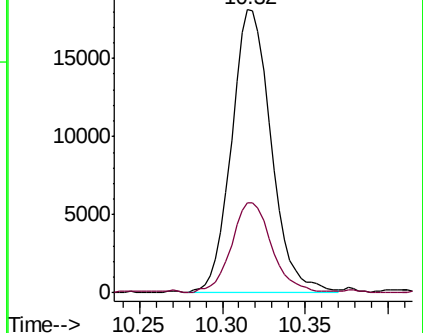
75 100

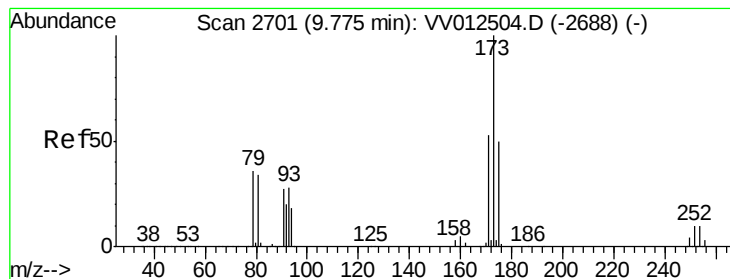
77 32.4 25.5 38.3



Abundance Ion 75.00 (74.70 to 75.70): VV012503.D (-2247) (-)

Ion 77.00 (76.70 to 77.70): VV012503.D (-2247) (-)





#61

Bromoform

Concen: 10.264 ug/L

RT: 9.77 min Scan# 2701

Delta R.T. 0.00 min

Lab File: VV012503.D

Acq: 01 Sep 2019 12:10

Instrument :

MSVOA_V

ClientSampled :

VSTD01063

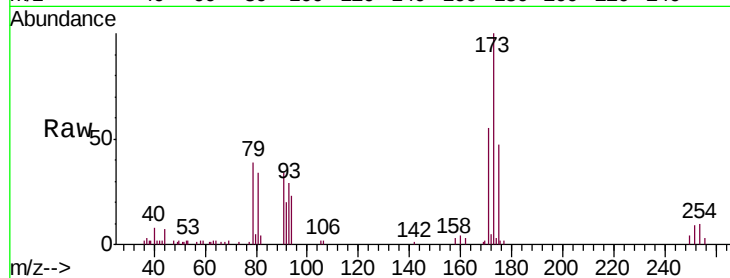
Tgt Ion:173 Resp: 14298

Ion Ratio Lower Upper

173 100

175 49.8 39.4 59.0

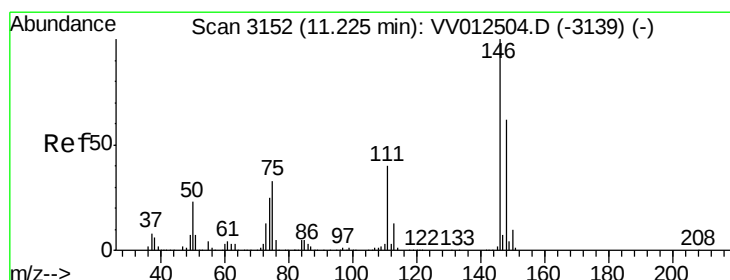
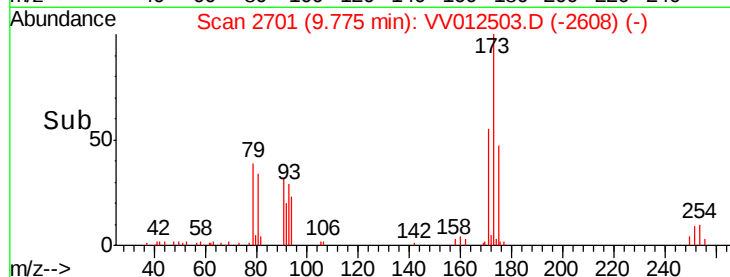
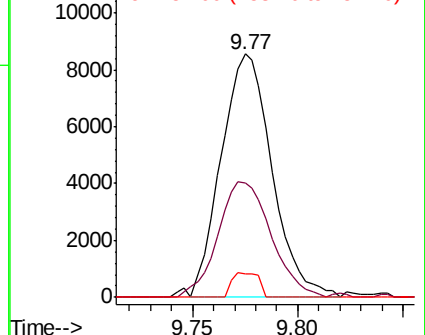
254 4.2 7.5 11.3#



Abundance Ion 173.00 (172.70 to 173.70): V

Ion 175.00 (174.70 to 175.70): V

Ion 254.00 (253.70 to 254.70): V



#62

1,3-Dichlorobenzene

Concen: 10.101 ug/L

RT: 11.23 min Scan# 3152

Delta R.T. 0.00 min

Lab File: VV012503.D

Acq: 01 Sep 2019 12:10

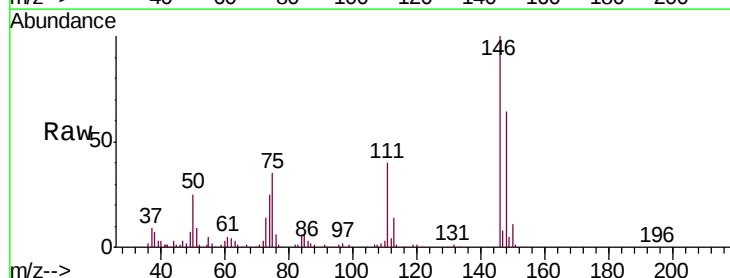
Tgt Ion:146 Resp: 40485

Ion Ratio Lower Upper

146 100

111 40.1 27.7 51.5

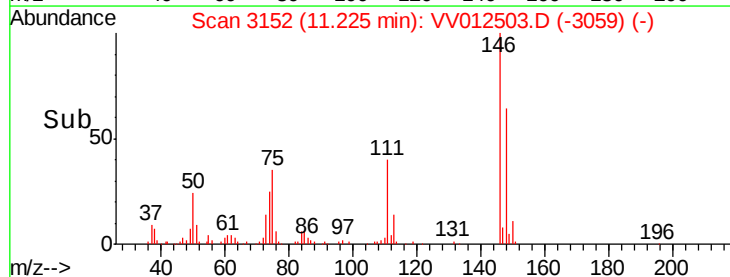
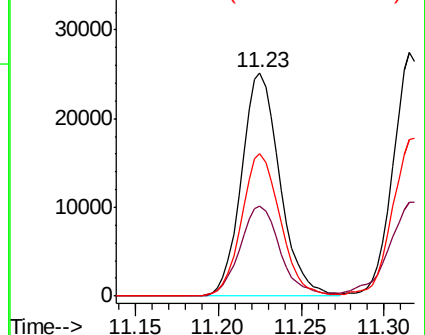
148 63.9 43.4 80.6

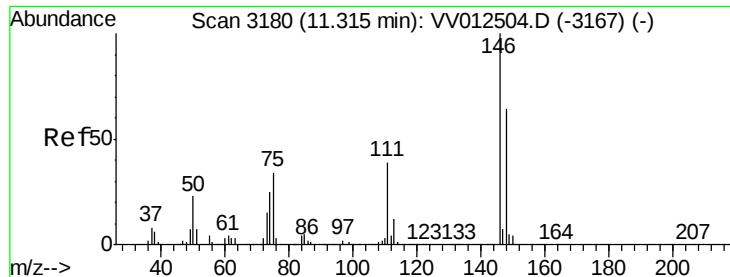


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V

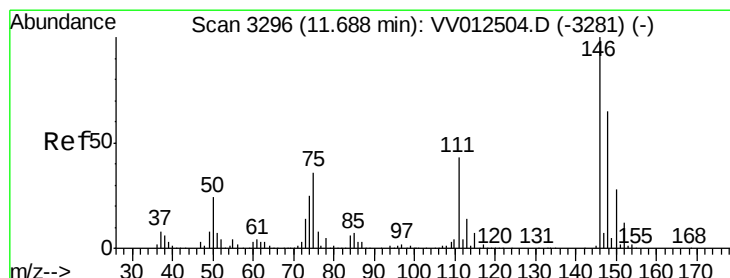
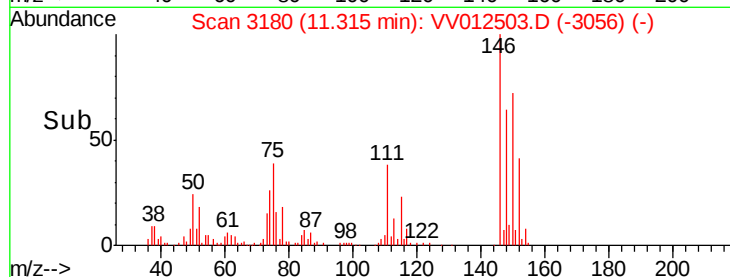
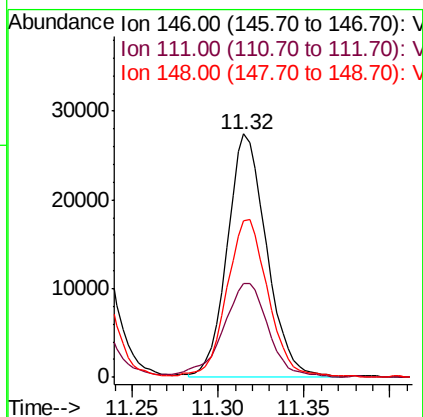
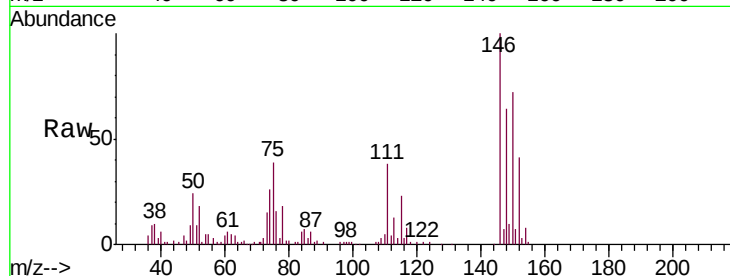




#63
1,4-Dichlorobenzene
Concen: 10.529 ug/L
RT: 11.32 min Scan# 3180
Delta R.T. 0.00 min
Lab File: VV012503.D
Acq: 01 Sep 2019 12:10

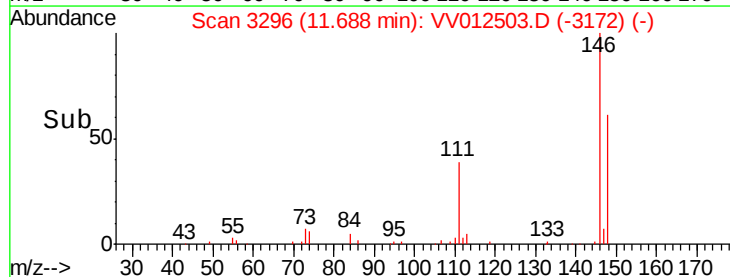
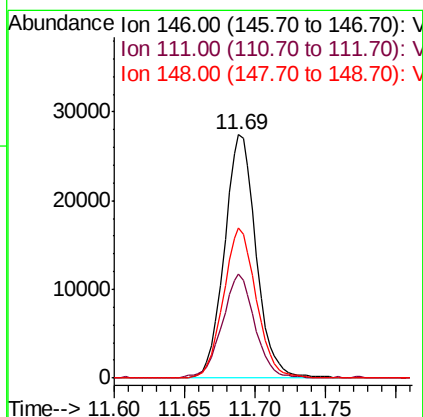
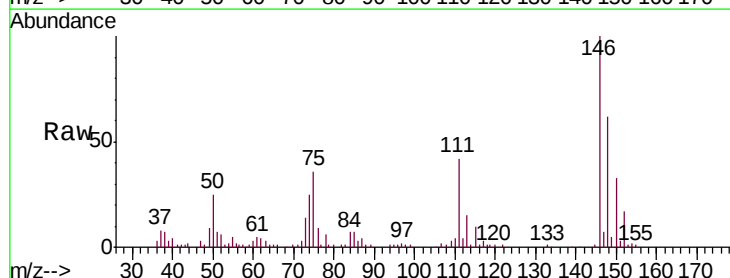
Instrument :
MSVOA_V
ClientSampleId :
VSTD01063

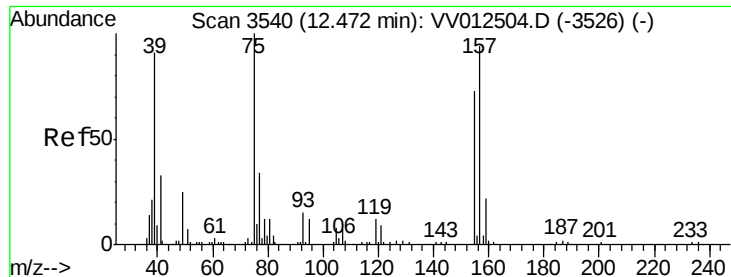
Tgt Ion:146 Resp: 43670
Ion Ratio Lower Upper
146 100
111 38.3 27.6 51.4
148 64.3 44.6 82.8



#65
1,2-Dichlorobenzene
Concen: 10.614 ug/L
RT: 11.69 min Scan# 3296
Delta R.T. 0.00 min
Lab File: VV012503.D
Acq: 01 Sep 2019 12:10

Tgt Ion:146 Resp: 43020
Ion Ratio Lower Upper
146 100
111 42.5 34.4 51.6
148 61.8 51.6 77.4





#66

1,2-Dibromo-3-chloropropane

Concen: 11.385 ug/L

RT: 12.48 min Scan# 3541

Delta R.T. 0.00 min

Lab File: VV012503.D

Acq: 01 Sep 2019 12:10

Instrument :

MSVOA_V

ClientSampleId :

VSTD01063

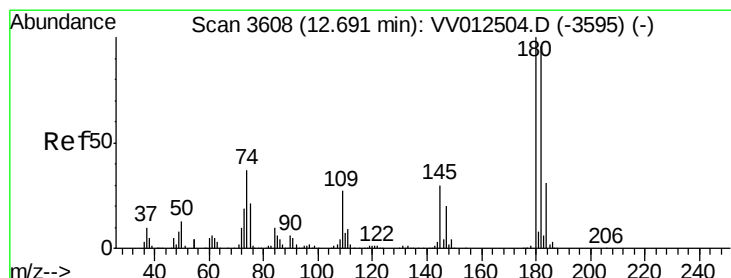
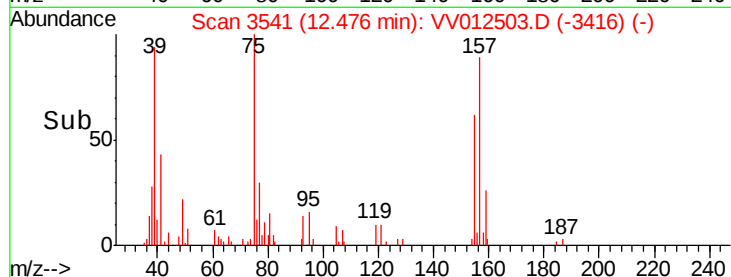
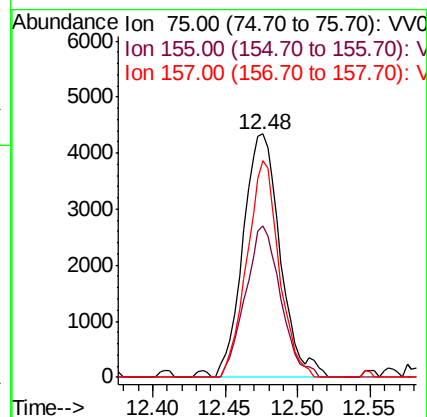
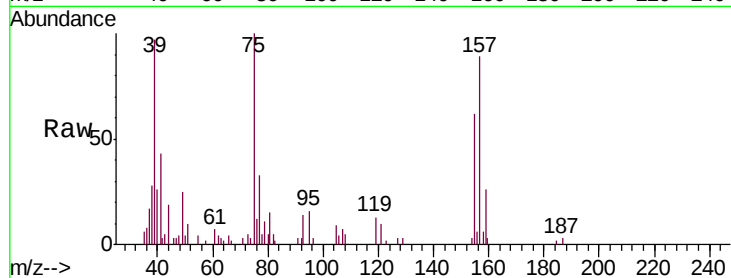
Tgt Ion: 75 Resp: 7776

Ion Ratio Lower Upper

75 100

155 62.4 58.2 87.2

157 89.1 75.4 113.2



#67

1,3,5-Trichlorobenzene

Concen: 9.875 ug/L

RT: 12.69 min Scan# 3608

Delta R.T. 0.00 min

Lab File: VV012503.D

Acq: 01 Sep 2019 12:10

Tgt Ion: 180 Resp: 26439

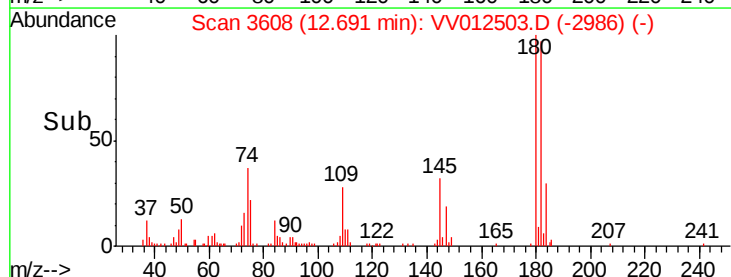
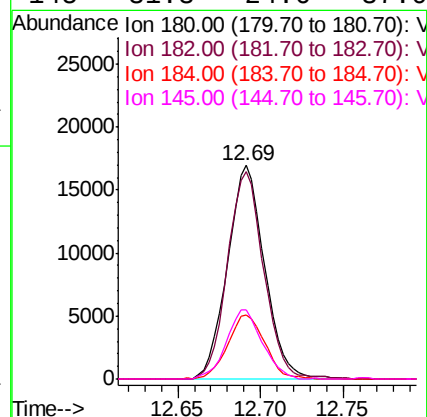
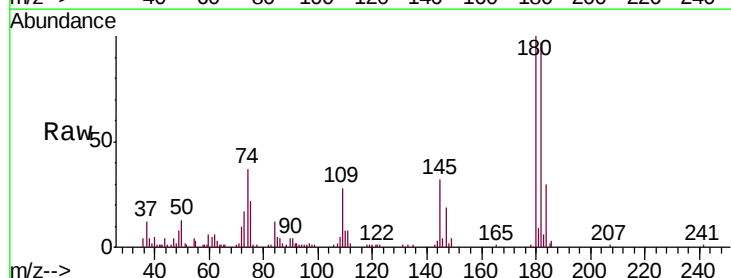
Ion Ratio Lower Upper

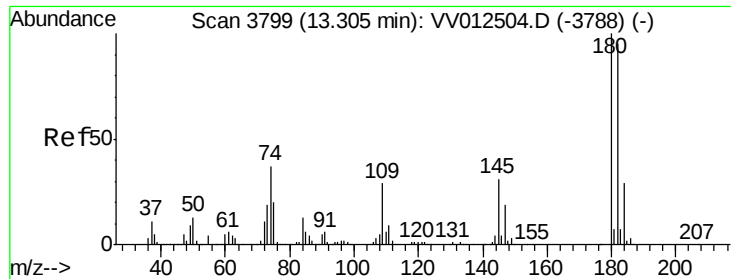
180 100

182 94.9 76.7 115.1

184 30.0 24.2 36.4

145 31.3 24.6 37.0

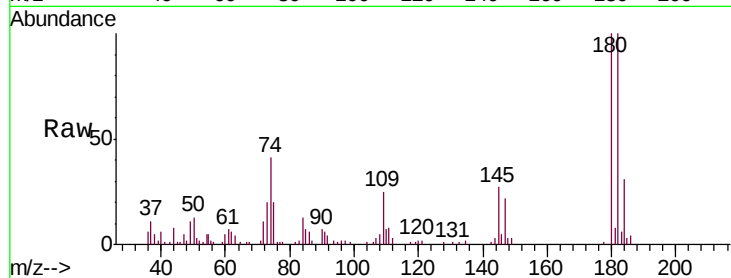




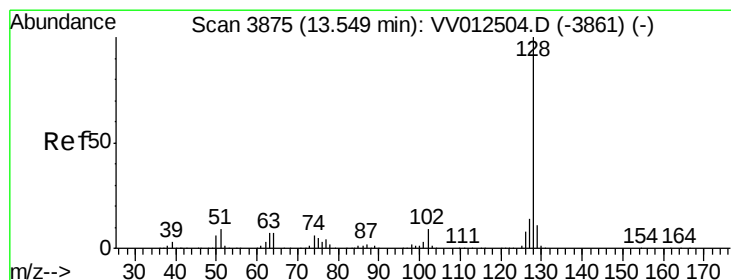
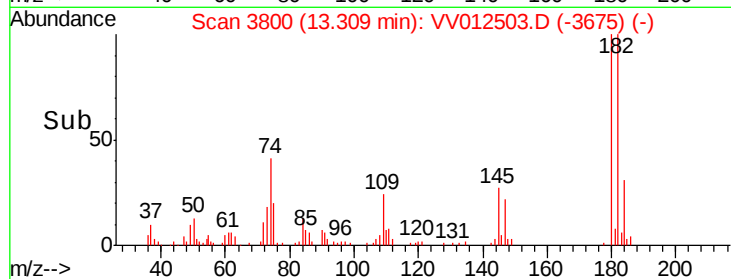
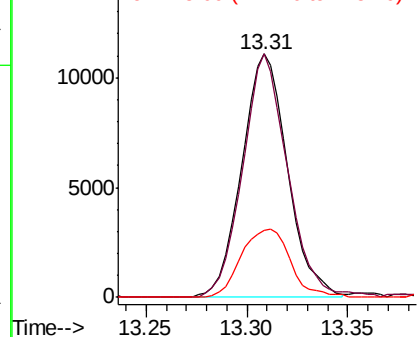
#68
1,2,4-trichlorobenzene
Concen: 7.983 ug/L
RT: 13.31 min Scan# 3800
Delta R.T. 0.00 min
Lab File: VV012503.D
Acq: 01 Sep 2019 12:10

Instrument :
MSVOA_V
ClientSampleId :
VSTD01063

Tgt Ion	Ratio	Lower	Upper
180	100		
182	98.4	77.9	116.9
145	30.1	25.0	37.4

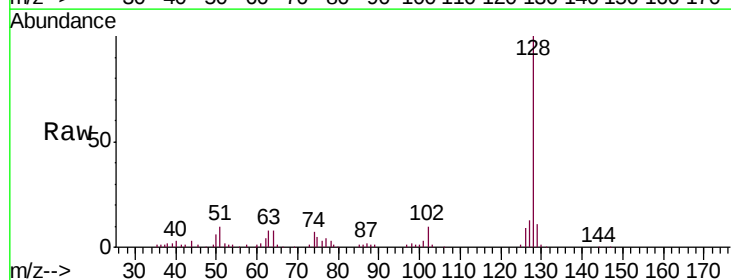


Abundance Ion 180.00 (179.70 to 180.70): V
Ion 182.00 (181.70 to 182.70): V
Ion 145.00 (144.70 to 145.70): V

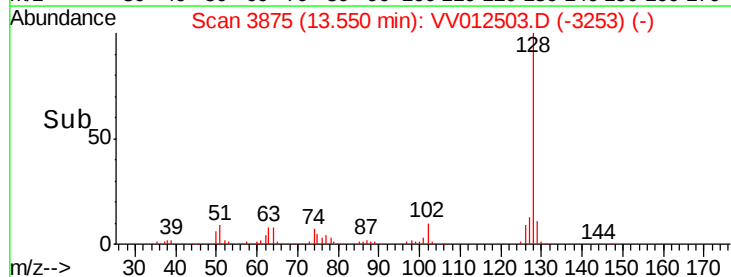
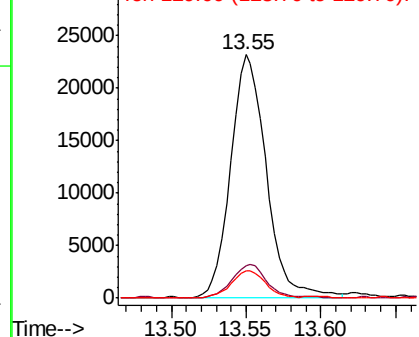


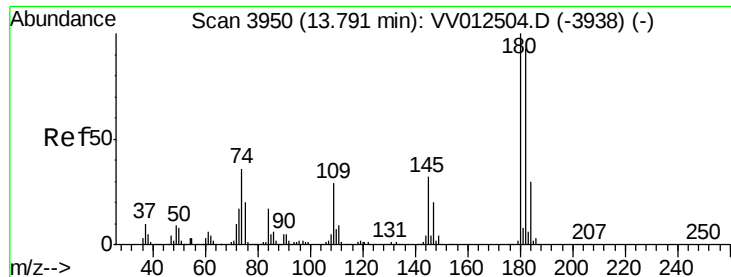
#69
Naphthalene
Concen: 5.617 ug/L
RT: 13.55 min Scan# 3875
Delta R.T. 0.00 min
Lab File: VV012503.D
Acq: 01 Sep 2019 12:10

Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.4	10.9	16.3
129	10.8	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: 8.085 ug/L
 RT: 13.79 min Scan# 3950
 Delta R.T. 0.00 min
 Lab File: VV012503.D
 Acq: 01 Sep 2019 12:10

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD01063

Tgt Ion	Ratio	Lower	Upper
180	100		
182	98.2	74.2	111.2
145	32.3	25.9	38.9

