

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV080319\
 Data File : VV012100.D
 Acq On : 03 Aug 2019 10:04
 Operator : SY/MD
 Sample : VSTD00562
 Misc : 5gm/10ml/MSVOA_V/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00562

Quant Time: Aug 05 07:48:19 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM080319S.M
 Quant Title : VOC Analysis
 QLast Update : Mon Aug 05 07:43:09 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	186622	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	173291	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	97146	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	7928	3.33	ug/L	0.00
7) Chloroethane-d5	1.58	69	6563	3.62	ug/L	0.00
10) 1,1-Dichloroethene-d2	2.13	63	16955	3.51	ug/L	0.00
20) 2-Butanone-d5	3.96	46	8464	9.22	ug/L	0.01
24) Chloroform-d	4.40	84	24224	5.31	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.08	65	15101	5.13	ug/L	0.00
29) Benzene-d6	5.10	84	45701	4.97	ug/L	0.00
33) 1,2-Dichloropropane-d6	6.12	67	12464	4.34	ug/L	0.00
37) Toluene-d8	7.36	98	46552	5.29	ug/L	0.00
38) trans-1,3-Dichloropropene-	7.66	79	7202	5.24	ug/L	0.00
39) 2-Hexanone-d5	8.14	63	7108	10.24	ug/L	0.00
48) 1,1,2,2-Tetrachloroethane-	10.26	84	14657	5.50	ug/L	0.00
61) 1,2-Dichlorobenzene-d4	11.67	152	19694	5.44	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	17480	5.798	ug/L 99
3) Chloromethane	1.25	50	10068	3.737	ug/L 99
5) Vinyl chloride	1.32	62	9693	3.593	ug/L 94
6) Bromomethane	1.53	94	6229	4.162	ug/L 93
8) Chloroethane	1.60	64	5705	3.669	ug/L 99
9) Trichlorofluoromethane	1.77	101	18959	4.690	ug/L 98
11) 1,1,2-Trichloro-1,2,2-trif	2.13	101	9065	4.209	ug/L 99
12) 1,1-Dichloroethene	2.14	96	8175	4.138	ug/L 80
13) Acetone	2.22	43	13166	12.128	ug/L 71
14) Carbon disulfide	2.31	76	33508	5.035	ug/L 98
15) Methyl Acetate	2.47	43	6770	4.340	ug/L 92
16) Methylene chloride	2.53	84	13001	4.691	ug/L 93
17) Methyl tert-butyl Ether	2.80	73	32925	4.641	ug/L 99
18) trans-1,2-Dichloroethene	2.79	96	12380	4.907	ug/L 95
19) 1,1-Dichloroethane	3.23	63	20235	4.279	ug/L 96
22) cis-1,2-Dichloroethene	3.96	96	13504	4.834	ug/L 92
23) Bromochloromethane	4.30	128	6617	5.242	ug/L # 97
25) Chloroform	4.42	83	23315	4.557	ug/L 98
27) 1,2-Dichloroethane	5.18	62	17245	4.754	ug/L 95
30) Cyclohexane	4.72	56	17949	4.102	ug/L 98
31) 1,1,1-Trichloroethane	4.66	97	22271	5.551	ug/L 99
32) Carbon tetrachloride	4.87	117	20972	6.015	ug/L 99
34) Benzene	5.15	78	47273	4.758	ug/L 100
35) Trichloroethene	5.96	95	12897	4.838	ug/L 91
36) Methylcyclohexane	6.17	83	22352	5.000	ug/L 99
40) 1,2-Dichloropropane	6.22	63	10794	4.203	ug/L # 90
41) Bromodichloromethane	6.55	83	16778	4.854	ug/L 95
42) cis-1,3-Dichloropropene	7.07	75	19691	4.729	ug/L 97
43) 4-Methyl-2-pentanone	7.28	43	20138	8.587	ug/L 97
44) Toluene	7.43	91	51574	4.709	ug/L 100

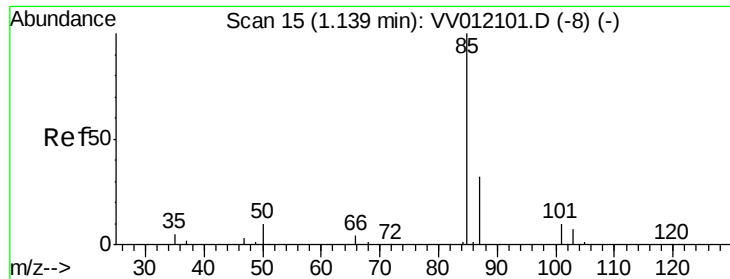
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) trans-1,3-Dichloropropene	7.69	75	16873	4.733	ug/L	94
46) 1,1,2-Trichloroethane	7.88	97	9807	4.725	ug/L	97
47) Tetrachloroethene	8.02	164	13161	6.334	ug/L	91
49) 2-Hexanone	8.19	43	15194	8.812	ug/L	99
50) Dibromochloromethane	8.29	129	13884	5.697	ug/L	97
51) 1,2-Dibromoethane	8.40	107	11349	5.520	ug/L	98
52) Chlorobenzene	8.92	112	35791	5.045	ug/L	99
53) Ethylbenzene	9.05	91	60541	4.825	ug/L	99
54) m,p-Xylene	9.18	106	23969	5.075	ug/L	97
55) o-xylene	9.59	106	21982	4.758	ug/L	99
56) Styrene	9.60	104	37905	4.882	ug/L	99
57) Isopropylbenzene	9.97	105	60350	4.871	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.28	83	13677	4.881	ug/L	93
59) 1,2,3-Trichloropropane	10.32	75	10883	5.099	ug/L	99
62) Bromoform	9.77	173	9776	6.112	ug/L	96
63) 1,3-Dichlorobenzene	11.22	146	31208	4.995	ug/L	97
64) 1,4-Dichlorobenzene	11.31	146	31585	4.991	ug/L	98
65) 1,2-Dichlorobenzene	11.69	146	29283	4.977	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.47	75	3199	5.361	ug/L	96
67) 1,3,5-Trichlorobenzene	12.69	180	26897	5.630	ug/L	97
68) 1,2,4-trichlorobenzene	13.31	180	22017	5.650	ug/L	98
69) Naphthalene	13.55	128	39950	5.085	ug/L	99
70) 1,2,3-Trichlorobenzene	13.79	180	20435	5.630	ug/L	96

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



#2

Dichlorodifluoromethane

Concen: 5.798 ug/L

RT: 1.14 min Scan# 15

Delta R.T. -0.00 min

Lab File: VV012100.D

Acq: 03 Aug 2019 10:04

Instrument :

MSVOA_V

ClientSampleId :

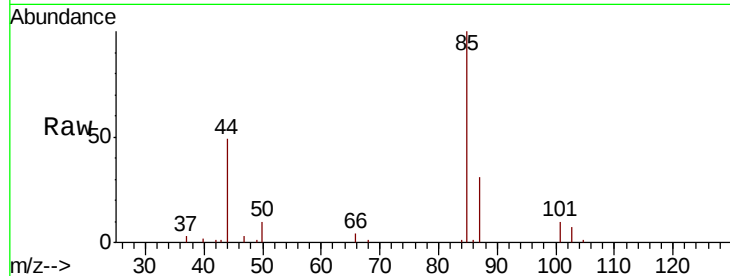
VSTD00562

Tgt Ion: 85 Resp: 17480

Ion Ratio Lower Upper

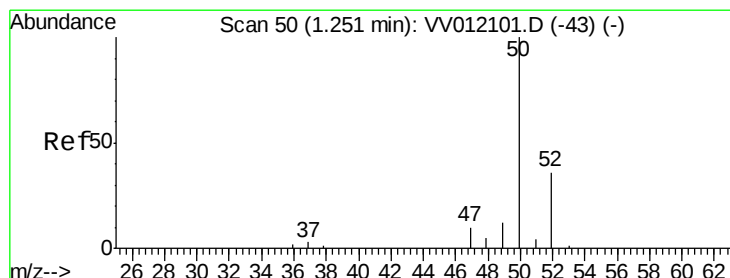
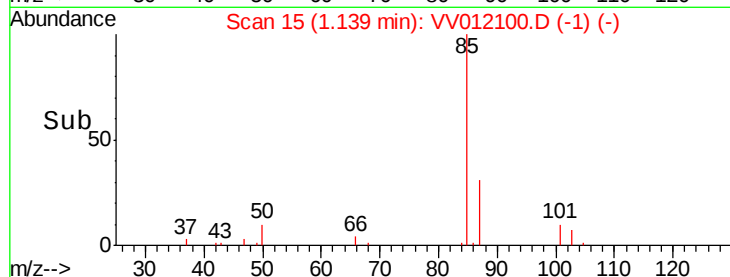
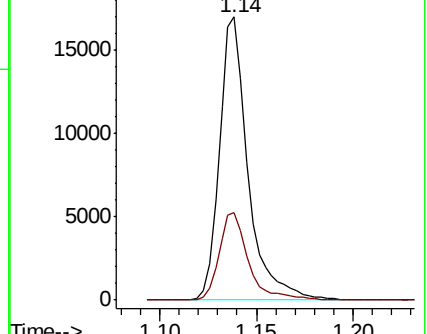
85 100

87 31.6 22.7 42.1



Abundance Ion 85.00 (84.70 to 85.70): VV0

Ion 87.00 (86.70 to 87.70): VV0



#3

Chloromethane

Concen: 3.737 ug/L

RT: 1.25 min Scan# 50

Delta R.T. -0.00 min

Lab File: VV012100.D

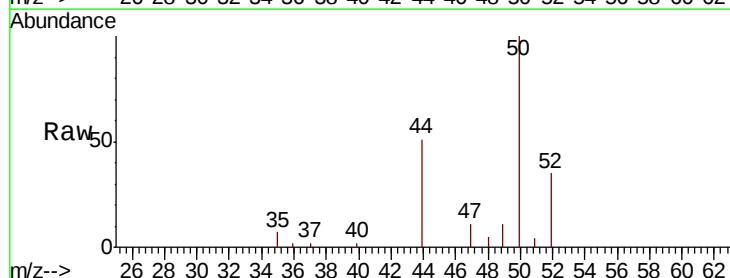
Acq: 03 Aug 2019 10:04

Tgt Ion: 50 Resp: 10068

Ion Ratio Lower Upper

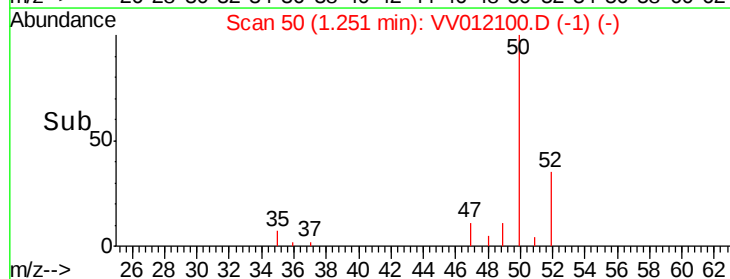
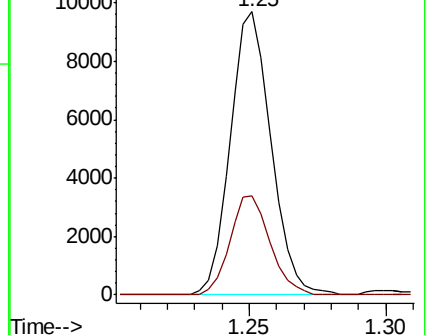
50 100

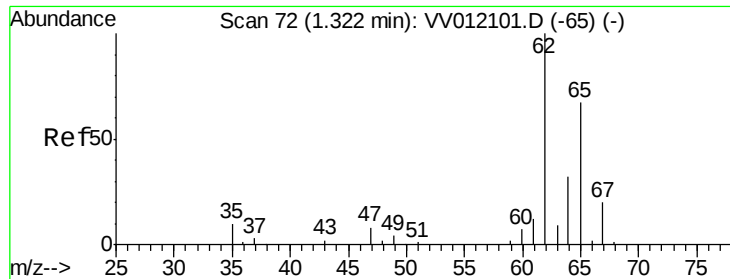
52 35.1 25.0 46.4



Abundance Ion 50.00 (49.70 to 50.70): VV0

Ion 52.00 (51.70 to 52.70): VV0





#5

Vinyl chloride

Concen: 3.593 ug/L

RT: 1.32 min Scan# 72

Delta R.T. -0.00 min

Lab File: VV012100.D

Acq: 03 Aug 2019 10:04

Instrument :

MSVOA_V

ClientSampled :

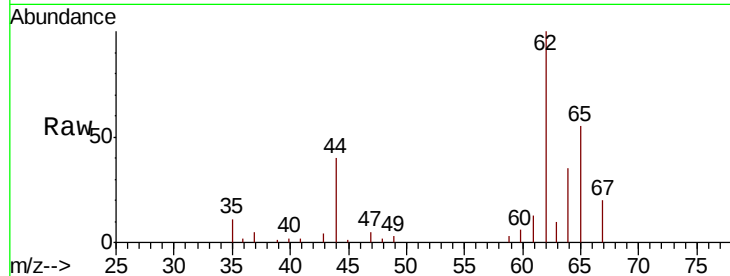
VSTD00562

Tgt Ion: 62 Resp: 9693

Ion Ratio Lower Upper

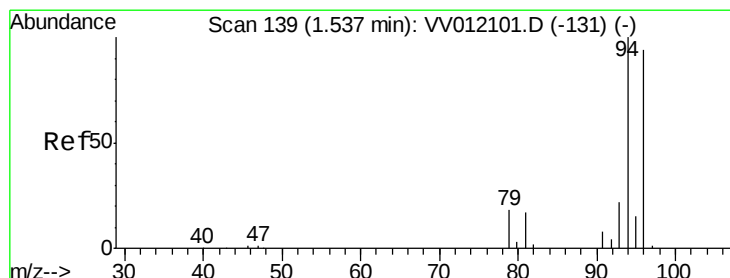
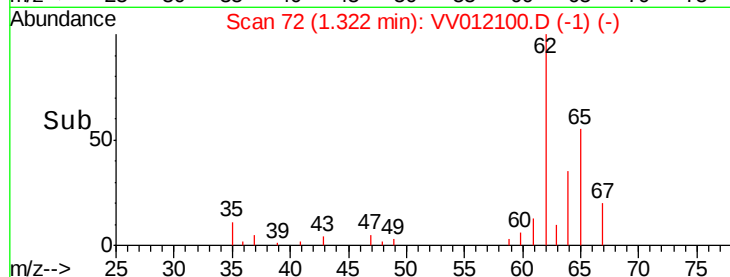
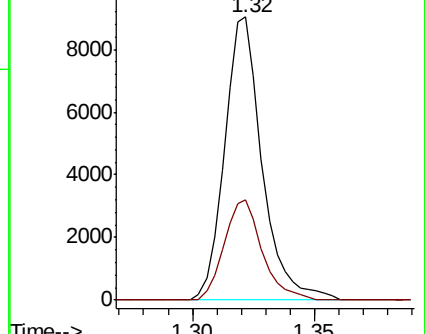
62 100

64 35.3 22.5 41.9



Abundance Ion 62.00 (61.70 to 62.70): VV0

Ion 64.00 (63.70 to 64.70): VV0



#6

Bromomethane

Concen: 4.162 ug/L

RT: 1.53 min Scan# 138

Delta R.T. -0.00 min

Lab File: VV012100.D

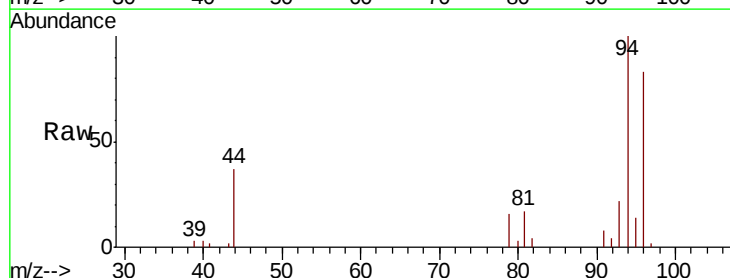
Acq: 03 Aug 2019 10:04

Tgt Ion: 94 Resp: 6229

Ion Ratio Lower Upper

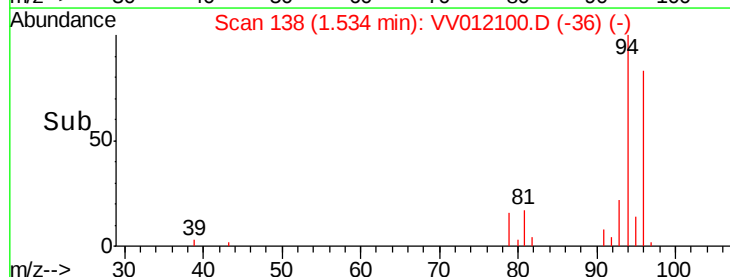
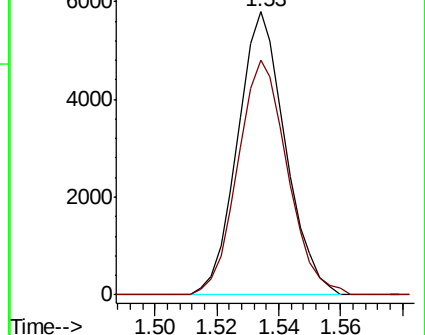
94 100

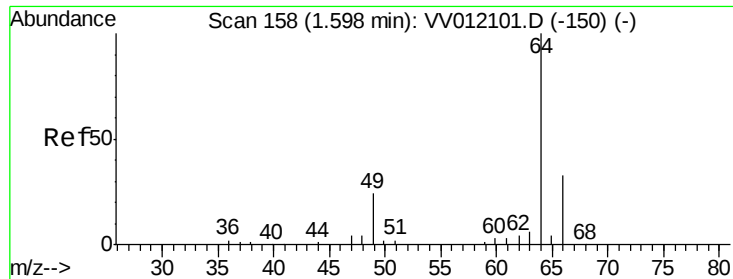
96 86.1 9.3 176.3



Abundance Ion 94.00 (93.70 to 94.70): VV0

Ion 96.00 (95.70 to 96.70): VV0





#8

Chloroethane

Concen: 3.669 ug/L

RT: 1.60 min Scan# 158

Delta R.T. -0.00 min

Lab File: VV012100.D

Acq: 03 Aug 2019 10:04

Instrument :

MSVOA_V

ClientSampleId :

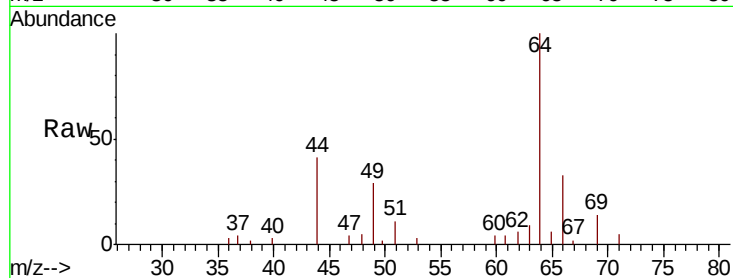
VSTD00562

Tgt Ion: 64 Resp: 5705

Ion Ratio Lower Upper

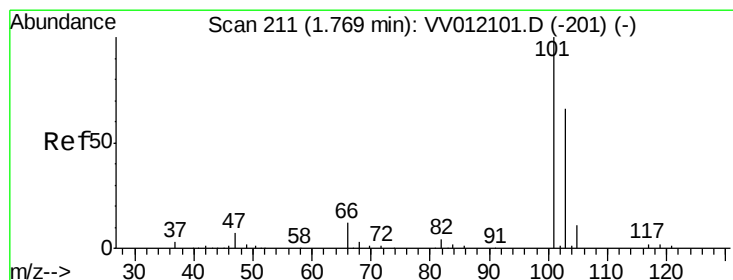
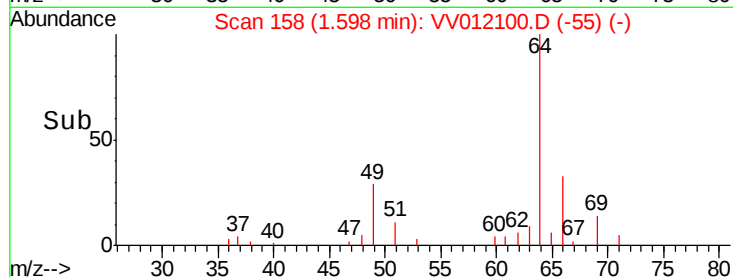
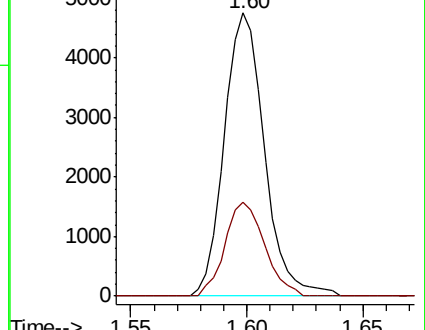
64 100

66 33.3 22.8 42.4



Abundance Ion 64.00 (63.70 to 64.70): VV012101.D (-150) (-)

Ion 66.00 (65.70 to 66.70): VV012101.D (-150) (-)



#9

Trichlorofluoromethane

Concen: 4.690 ug/L

RT: 1.77 min Scan# 210

Delta R.T. -0.00 min

Lab File: VV012100.D

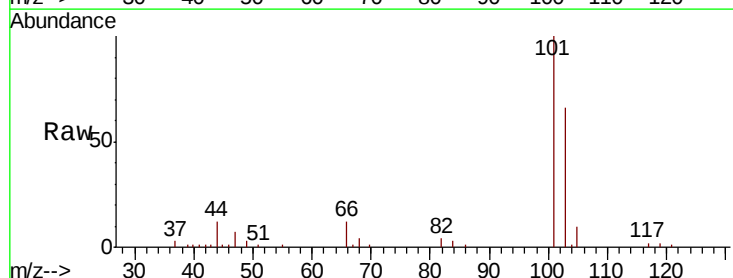
Acq: 03 Aug 2019 10:04

Tgt Ion: 101 Resp: 18959

Ion Ratio Lower Upper

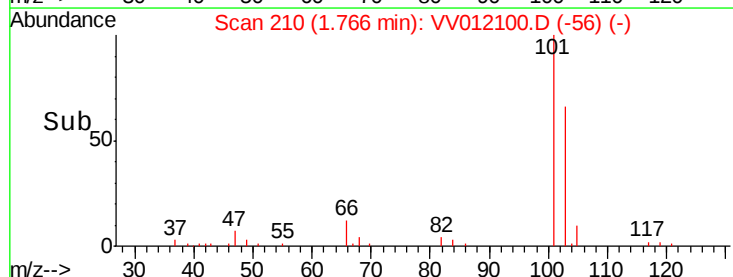
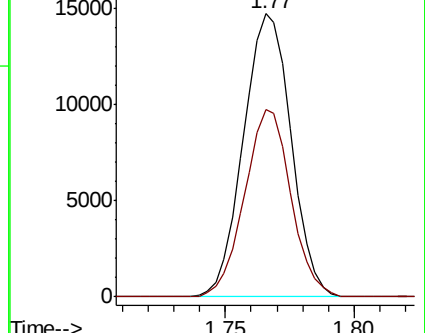
101 100

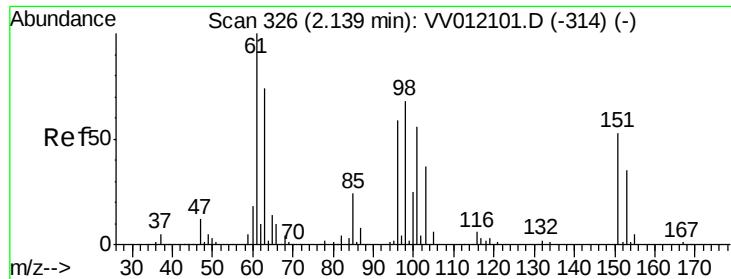
103 64.3 46.3 86.1



Abundance Ion 101.00 (100.70 to 101.70): VV012101.D (-201) (-)

Ion 103.00 (102.70 to 103.70): VV012101.D (-201) (-)





#11

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

Concen: 4.209 ug/L

RT: 2.13 min Scan# 324

Delta R.T. -0.01 min

Lab File: VV012100.D

Acq: 03 Aug 2019 10:04

Instrument :

MSVOA_V

ClientSampleId :

VSTD00562

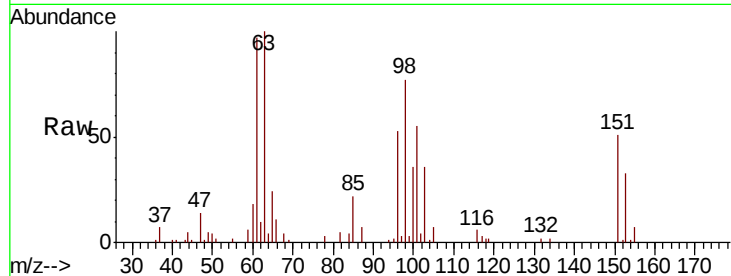
Tgt Ion:101 Resp: 9065

Ion Ratio Lower Upper

101 100

85 43.1 35.0 52.4

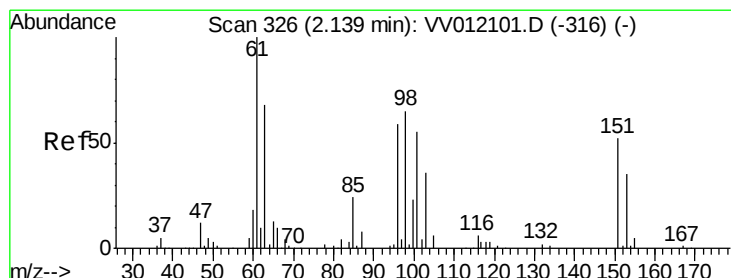
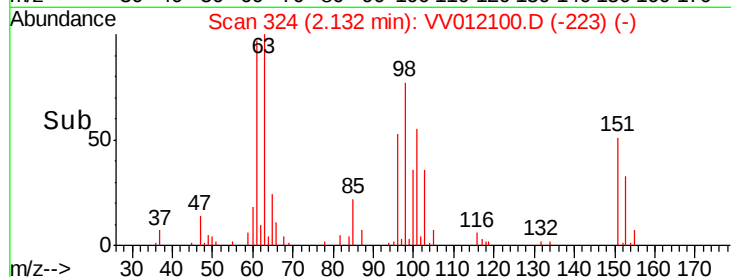
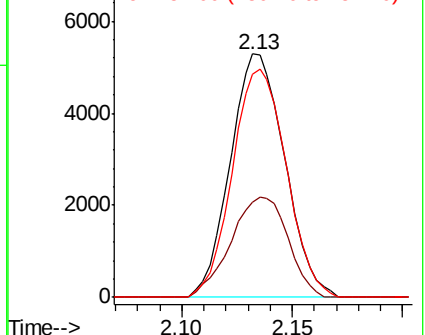
151 93.0 73.6 110.4



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VV0

Ion 151.00 (150.70 to 151.70): V



#12

1,1-Dichloroethene

Concen: 4.138 ug/L

RT: 2.14 min Scan# 326

Delta R.T. -0.00 min

Lab File: VV012100.D

Acq: 03 Aug 2019 10:04

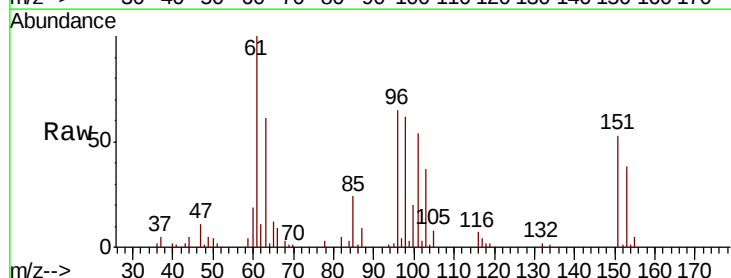
Tgt Ion: 96 Resp: 8175

Ion Ratio Lower Upper

96 100

61 154.2 119.6 222.0

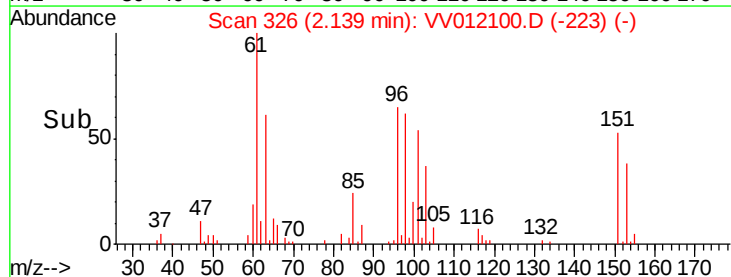
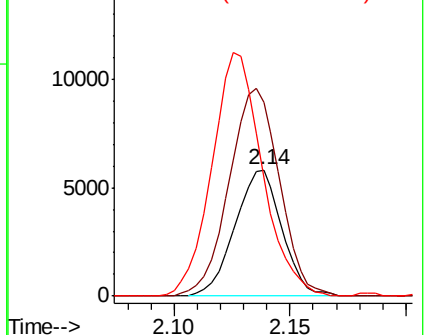
63 94.2 90.2 167.4

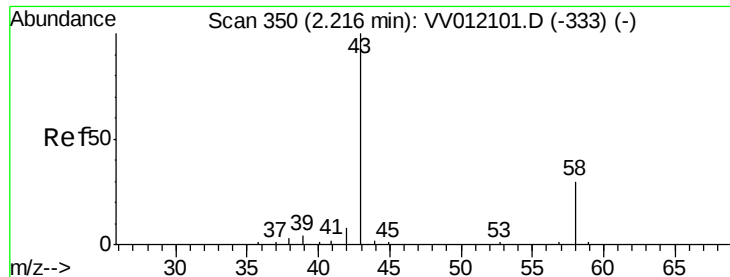


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 63.00 (62.70 to 63.70): VV0





#13

Acetone

Concen: 12.128 ug/L

RT: 2.22 min Scan# 352

Delta R.T. 0.01 min

Lab File: VV012100.D

Acq: 03 Aug 2019 10:04

Instrument :

MSVOA_V

ClientSampleId :

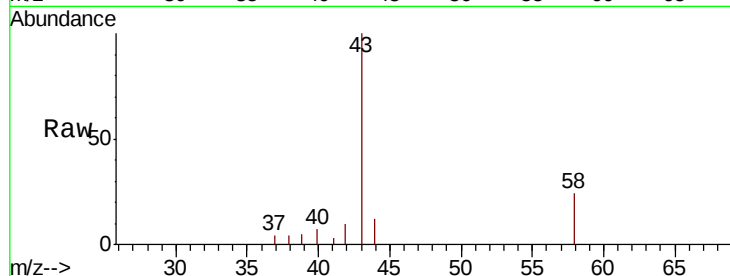
VSTD00562

Tgt Ion: 43 Resp: 13166

Ion Ratio Lower Upper

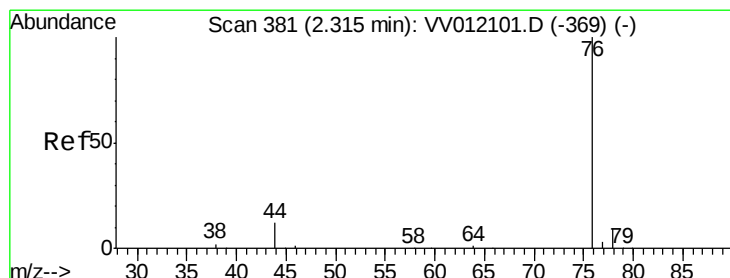
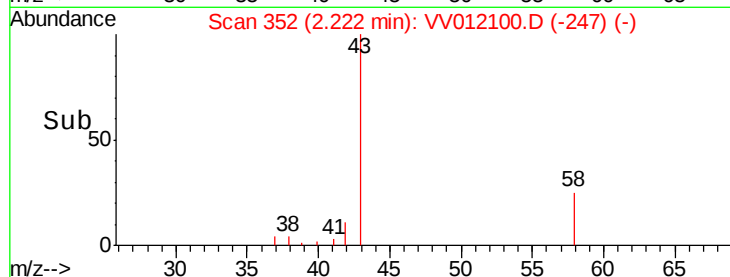
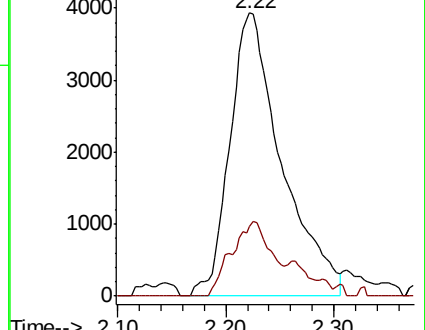
43 100

58 14.0 0.0 59.8



Abundance Ion 43.00 (42.70 to 43.70): VV012100.D (-247) (-)

Ion 58.00 (57.70 to 58.70): VV012100.D (-247) (-)



#14

Carbon disulfide

Concen: 5.035 ug/L

RT: 2.31 min Scan# 380

Delta R.T. -0.00 min

Lab File: VV012100.D

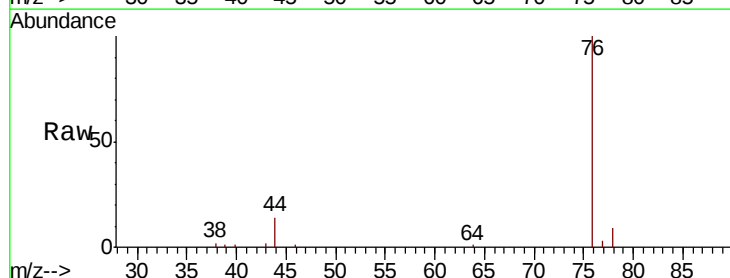
Acq: 03 Aug 2019 10:04

Tgt Ion: 76 Resp: 33508

Ion Ratio Lower Upper

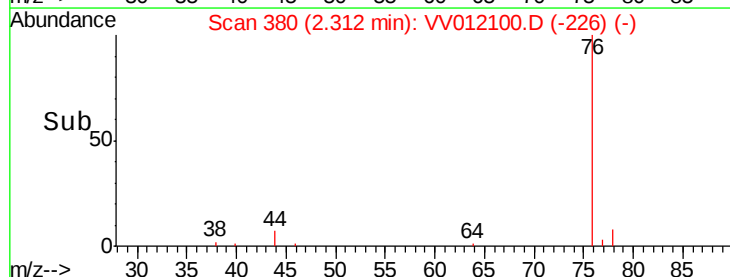
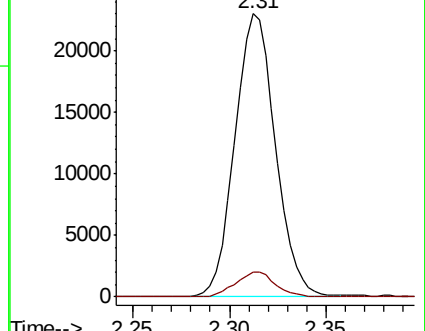
76 100

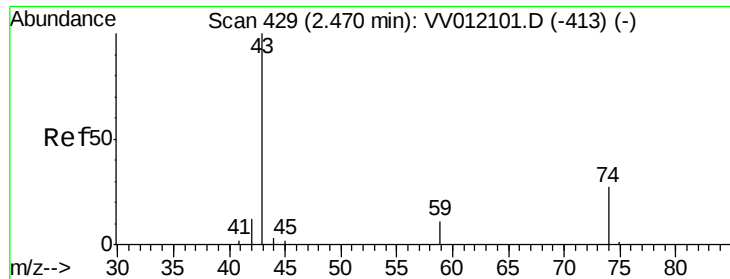
78 8.8 7.4 11.2



Abundance Ion 76.00 (75.70 to 76.70): VV012100.D (-226) (-)

Ion 78.00 (77.70 to 78.70): VV012100.D (-226) (-)

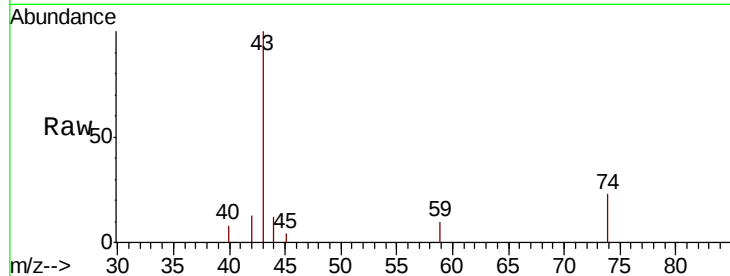




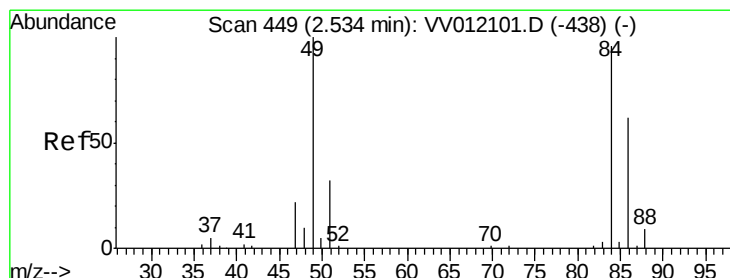
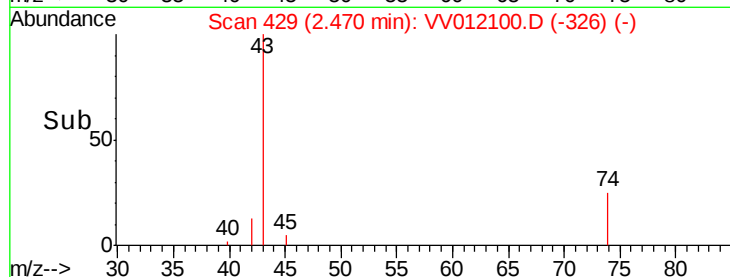
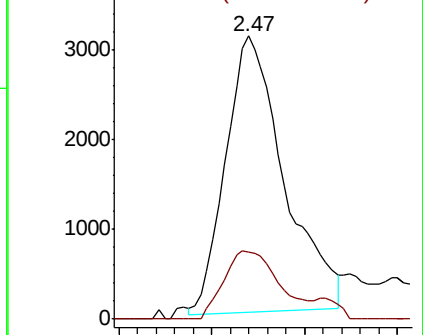
#15
Methyl Acetate
Concen: 4.340 ug/L
RT: 2.47 min Scan# 429
Delta R.T. -0.00 min
Lab File: VV012100.D
Acq: 03 Aug 2019 10:04

Instrument :
MSVOA_V
ClientSampleId :
VSTD00562

Tgt Ion: 43 Resp: 6770
Ion Ratio Lower Upper
43 100
74 23.1 21.9 32.9

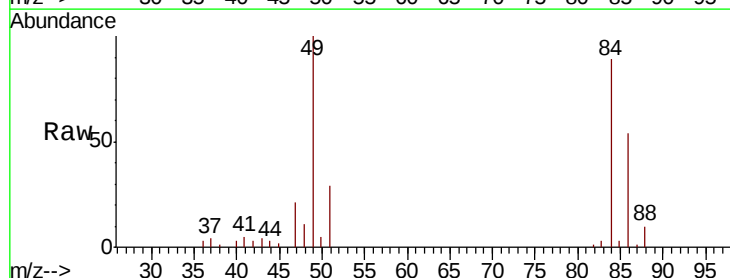


Abundance Ion 43.00 (42.70 to 43.70): VV0
Ion 74.00 (73.70 to 74.70): VV0

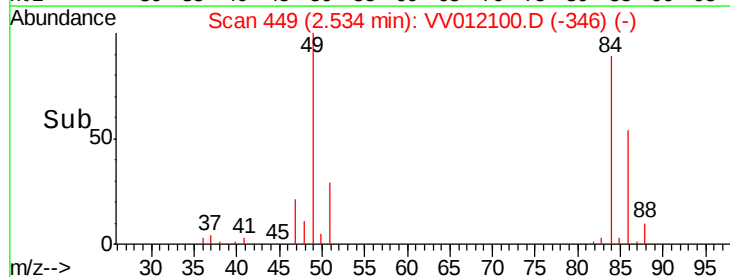
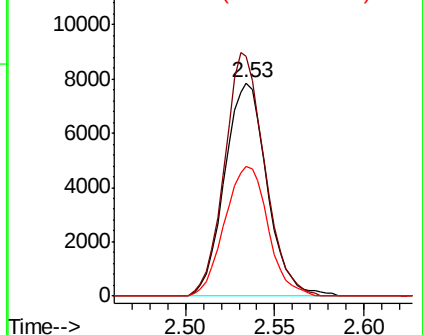


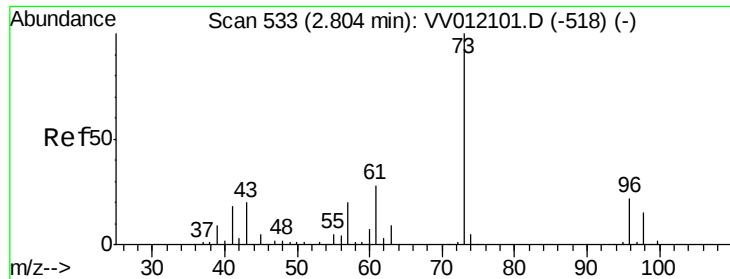
#16
Methylene chloride
Concen: 4.691 ug/L
RT: 2.53 min Scan# 449
Delta R.T. -0.00 min
Lab File: VV012100.D
Acq: 03 Aug 2019 10:04

Tgt Ion: 84 Resp: 13001
Ion Ratio Lower Upper
84 100
49 112.7 73.0 135.6
86 60.7 44.9 83.3



Abundance Ion 84.00 (83.70 to 84.70): VV0
Ion 49.00 (48.70 to 49.70): VV0
Ion 86.00 (85.70 to 86.70): VV0

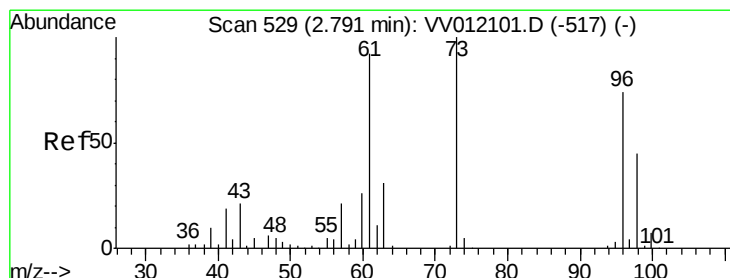
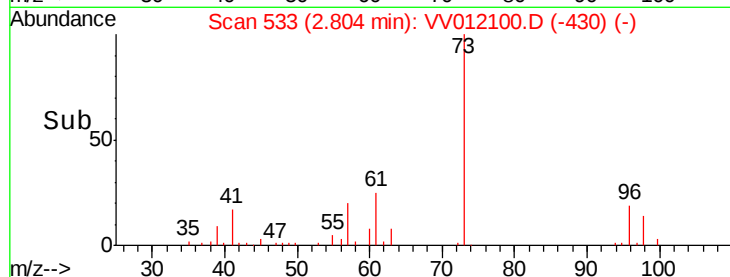
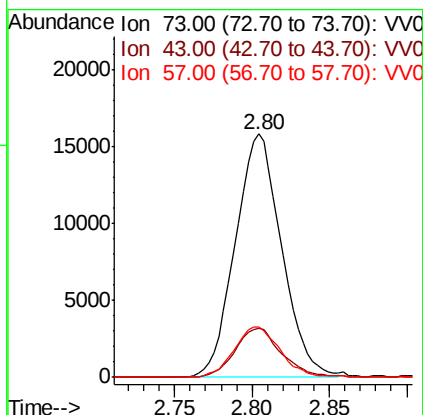
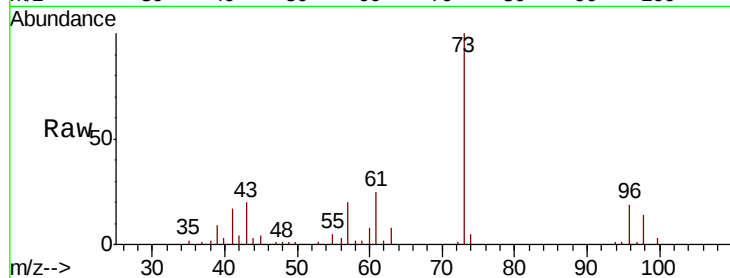




#17
Methyl tert-butyl Ether
Concen: 4.641 ug/L
RT: 2.80 min Scan# 533
Delta R.T. -0.00 min
Lab File: VV012100.D
Acq: 03 Aug 2019 10:04

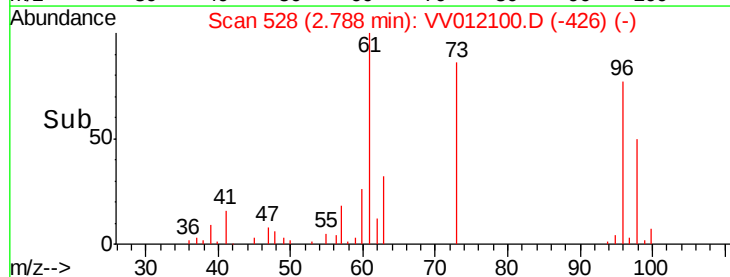
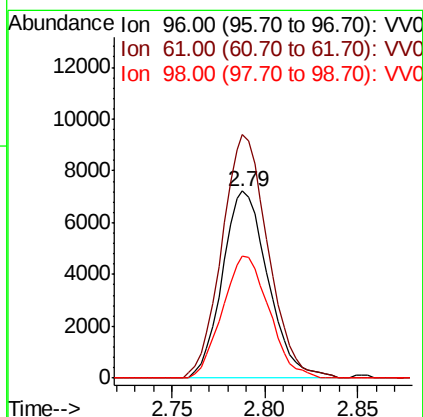
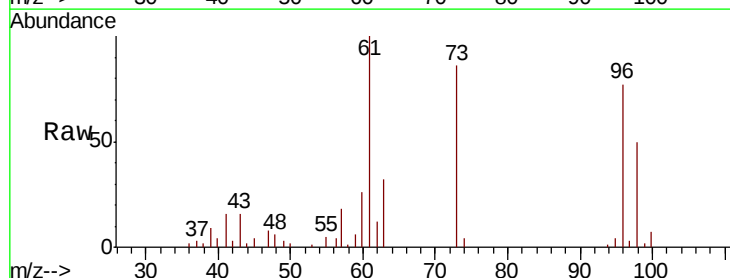
Instrument :
MSVOA_V
ClientSampleId :
VSTD00562

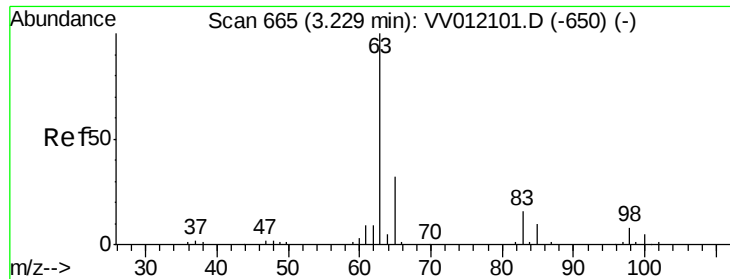
Tgt Ion: 73 Resp: 32925
Ion Ratio Lower Upper
73 100
43 20.2 16.4 24.6
57 20.5 15.9 23.9



#18
trans-1,2-Dichloroethene
Concen: 4.907 ug/L
RT: 2.79 min Scan# 528
Delta R.T. -0.00 min
Lab File: VV012100.D
Acq: 03 Aug 2019 10:04

Tgt Ion: 96 Resp: 12380
Ion Ratio Lower Upper
96 100
61 130.2 86.9 161.5
98 65.4 42.9 79.7

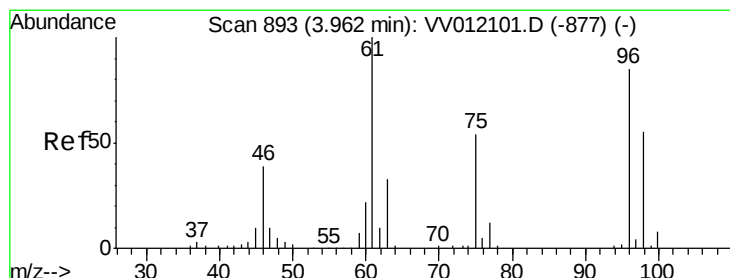
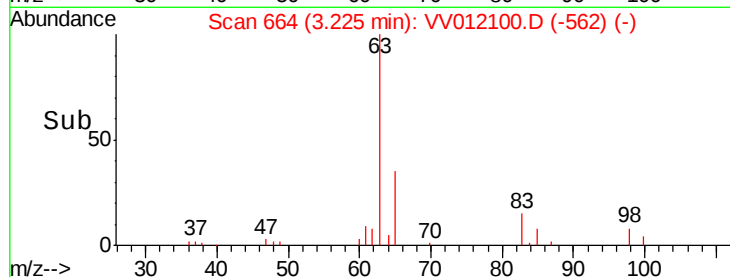
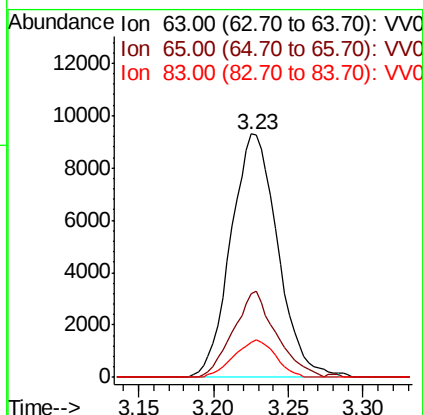
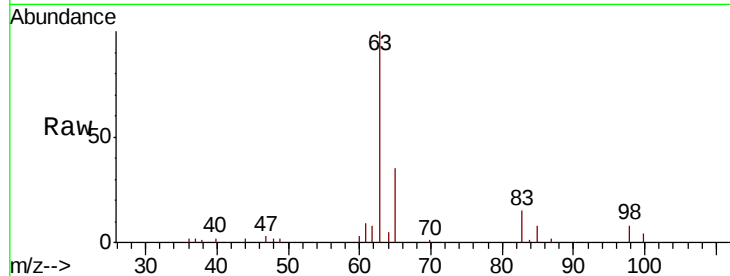




#19
 1,1-Dichloroethane
 Concen: 4.279 ug/L
 RT: 3.23 min Scan# 664
 Delta R.T. -0.00 min
 Lab File: VV012100.D
 Acq: 03 Aug 2019 10:04

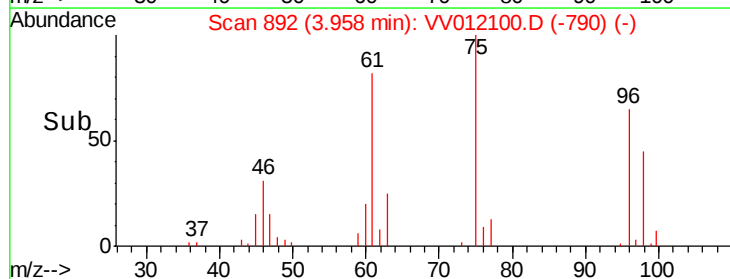
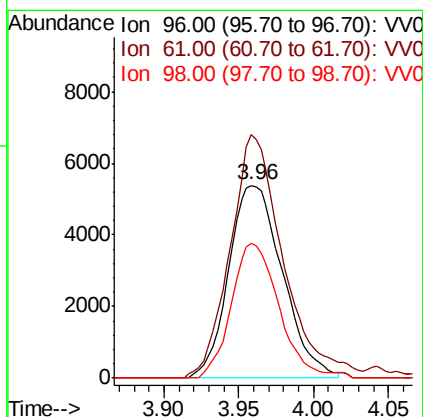
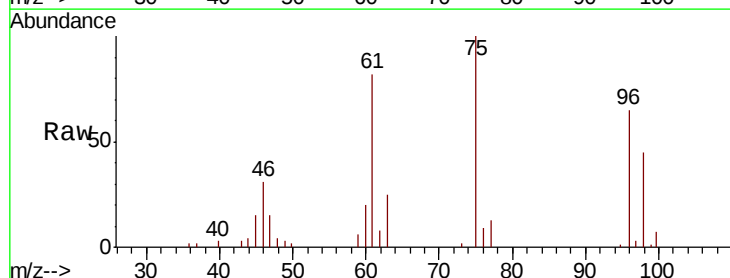
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00562

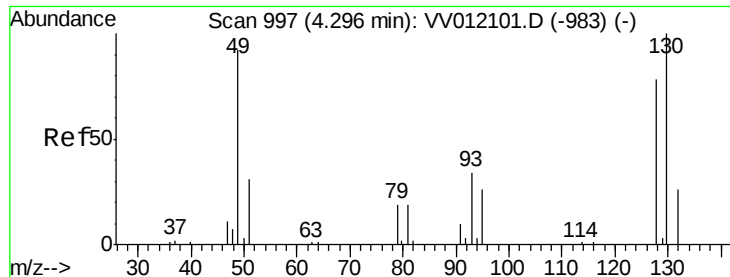
Tgt Ion: 63 Resp: 20235
 Ion Ratio Lower Upper
 63 100
 65 34.6 22.1 41.1
 83 14.6 10.9 20.2



#22
 cis-1,2-Dichloroethene
 Concen: 4.834 ug/L
 RT: 3.96 min Scan# 892
 Delta R.T. -0.00 min
 Lab File: VV012100.D
 Acq: 03 Aug 2019 10:04

Tgt Ion: 96 Resp: 13504
 Ion Ratio Lower Upper
 96 100
 61 126.5 82.4 153.0
 98 70.2 45.3 84.1





#23

Bromochloromethane

Concen: 5.242 ug/L

RT: 4.30 min Scan# 998

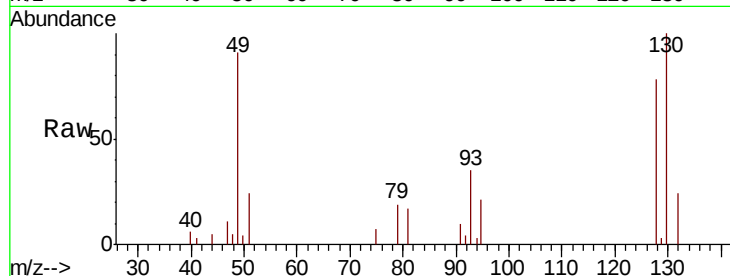
Delta R.T. 0.00 min

Lab File: VV012100.D

Acq: 03 Aug 2019 10:04

Instrument :
MSVOA_V
ClientSampleId :
VSTD00562

Tgt Ion:	128	Resp:	6617
Ion	Ratio	Lower	Upper
128	100		
49	116.3	83.9	155.7
130	128.5	90.0	167.2
51	30.9	31.4	47.2#

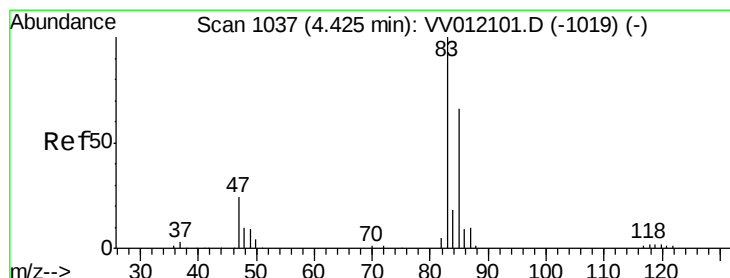
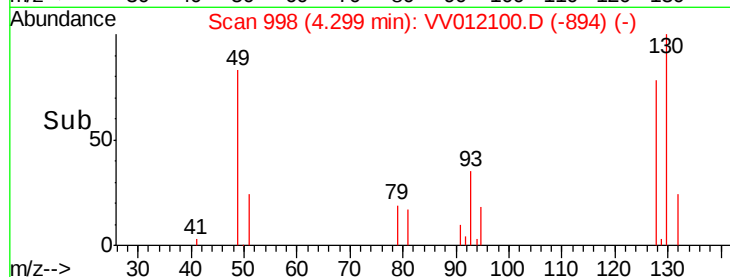
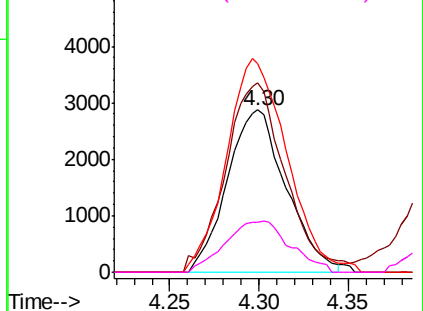


Abundance Ion 128.00 (127.70 to 128.70): VV012100.D (-983) (-)

Ion 49.00 (48.70 to 49.70): VV012100.D (-983) (-)

Ion 130.00 (129.70 to 130.70): VV012100.D (-983) (-)

Ion 51.00 (50.70 to 51.70): VV012100.D (-983) (-)



#25

Chloroform

Concen: 4.557 ug/L

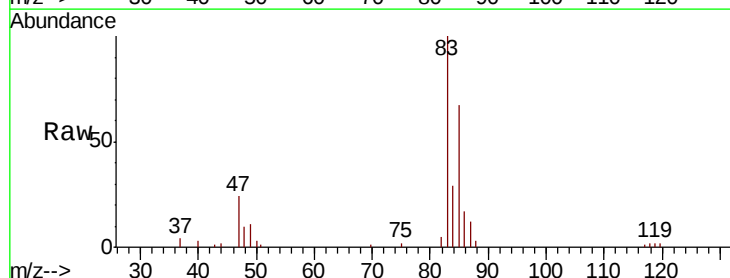
RT: 4.42 min Scan# 1037

Delta R.T. -0.00 min

Lab File: VV012100.D

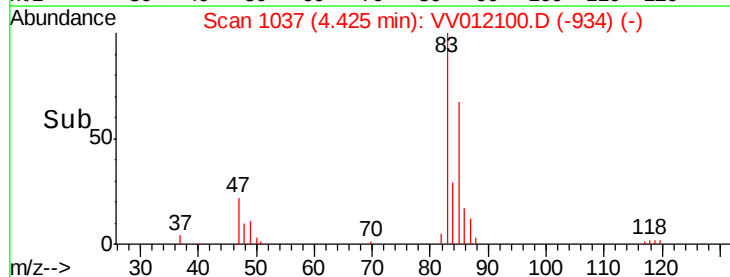
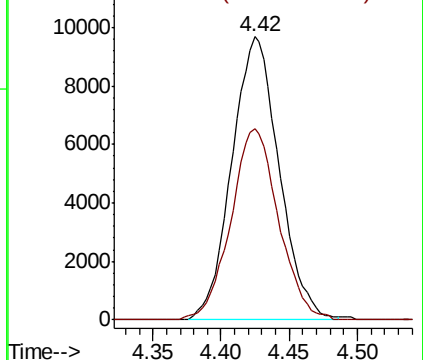
Acq: 03 Aug 2019 10:04

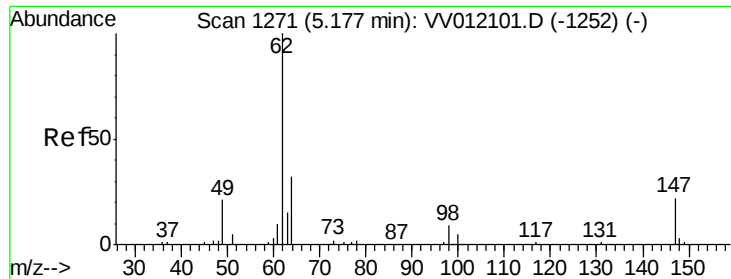
Tgt Ion:	83	Resp:	23315
Ion	Ratio	Lower	Upper
83	100		
85	68.0	46.2	85.8



Abundance Ion 83.00 (82.70 to 83.70): VV012100.D (-934) (-)

Ion 85.00 (84.70 to 85.70): VV012100.D (-934) (-)





#27

1,2-Dichloroethane

Concen: 4.754 ug/L

RT: 5.18 min Scan# 1271

Delta R.T. -0.00 min

Lab File: VV012100.D

Acq: 03 Aug 2019 10:04

Instrument :

MSVOA_V

ClientSampleId :

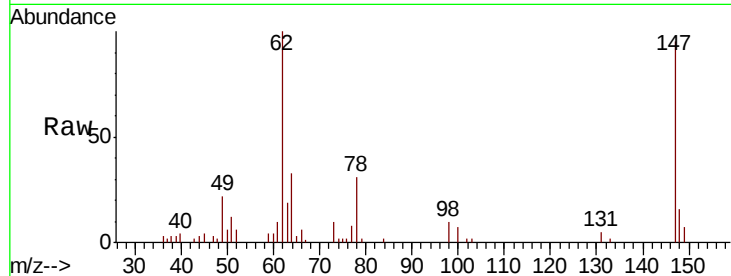
VSTD00562

Tgt Ion: 62 Resp: 17245

Ion Ratio Lower Upper

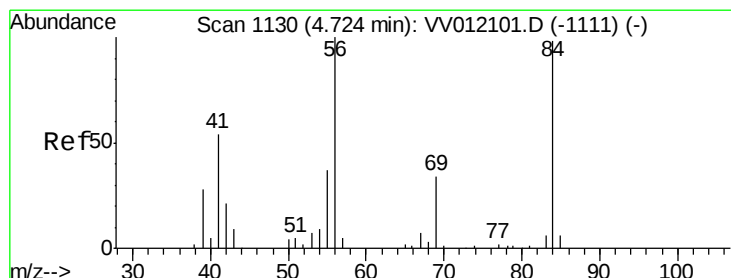
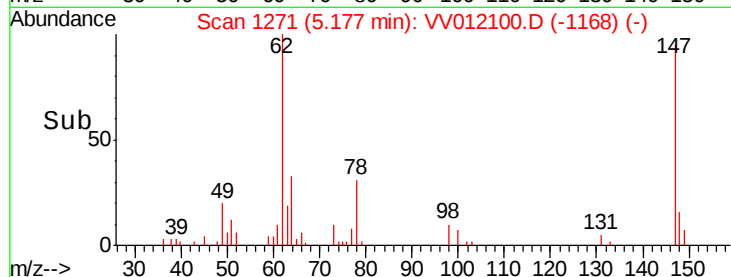
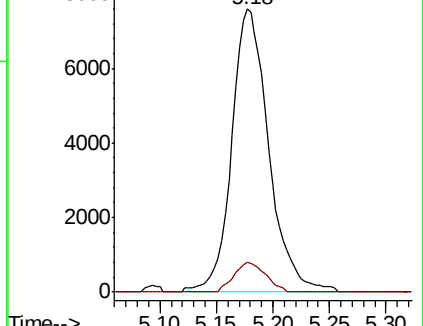
62 100

98 10.4 7.0 10.4



Abundance Ion 62.00 (61.70 to 62.70): VV012101.D (-1252) (-)

Ion 98.00 (97.70 to 98.70): VV012101.D (-1252) (-)



#30

Cyclohexane

Concen: 4.102 ug/L

RT: 4.72 min Scan# 1130

Delta R.T. -0.00 min

Lab File: VV012100.D

Acq: 03 Aug 2019 10:04

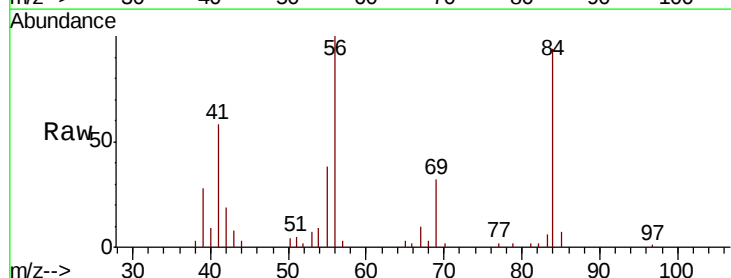
Tgt Ion: 56 Resp: 17949

Ion Ratio Lower Upper

56 100

69 32.7 27.4 41.0

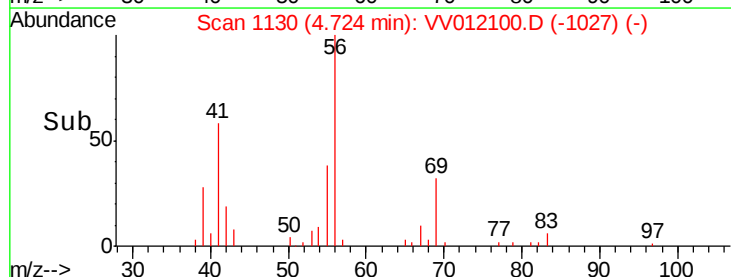
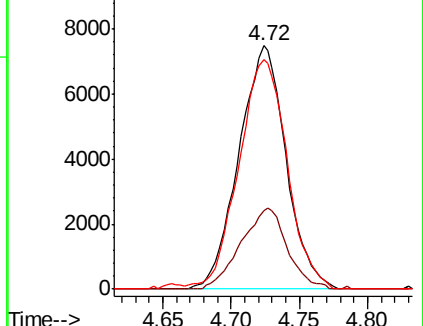
84 96.7 78.6 118.0

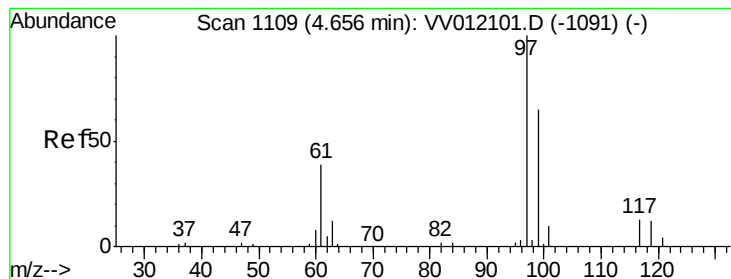


Abundance Ion 56.00 (55.70 to 56.70): VV012101.D (-1111) (-)

Ion 69.00 (68.70 to 69.70): VV012101.D (-1111) (-)

Ion 84.00 (83.70 to 84.70): VV012101.D (-1111) (-)





#31

1,1,1-Trichloroethane

Concen: 5.551 ug/L

RT: 4.66 min Scan# 1109

Delta R.T. -0.00 min

Lab File: VV012100.D

Acq: 03 Aug 2019 10:04

Instrument :

MSVOA_V

ClientSampleId :

VSTD00562

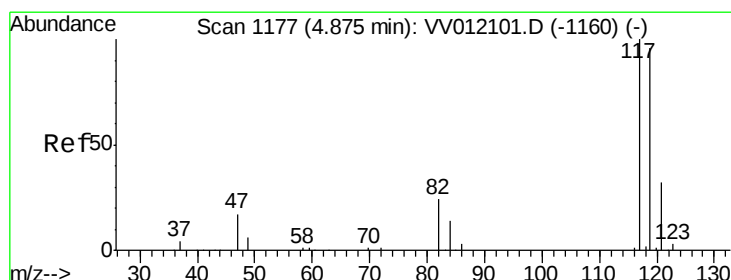
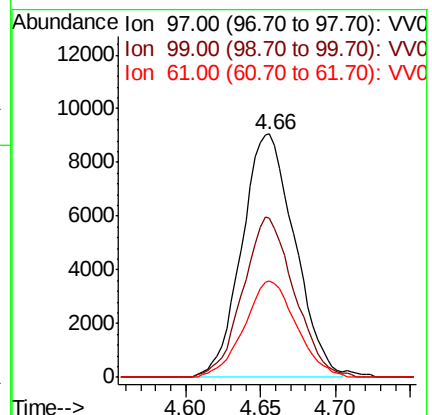
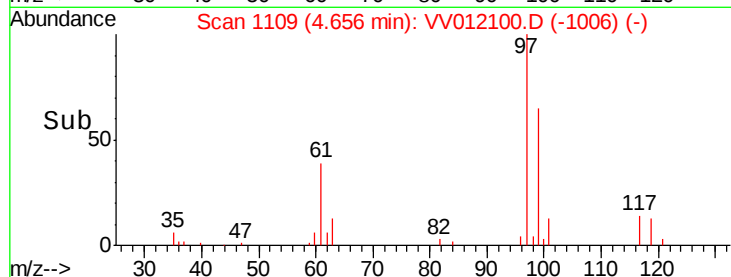
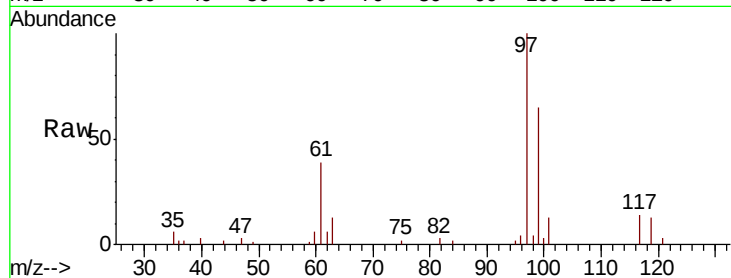
Tgt Ion: 97 Resp: 22271

Ion Ratio Lower Upper

97 100

99 64.0 51.6 77.4

61 39.0 30.6 46.0



#32

Carbon tetrachloride

Concen: 6.015 ug/L

RT: 4.87 min Scan# 1176

Delta R.T. -0.00 min

Lab File: VV012100.D

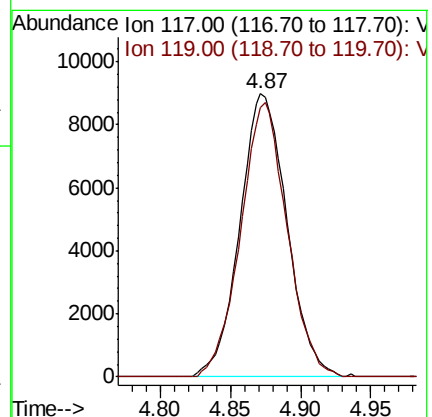
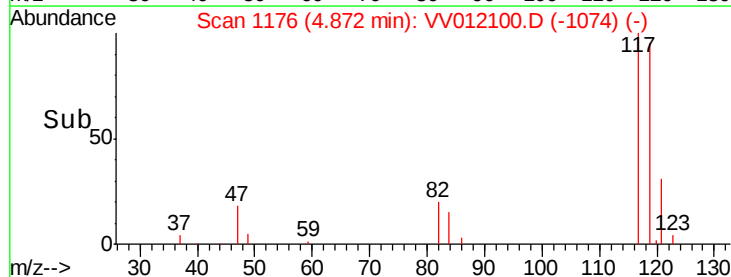
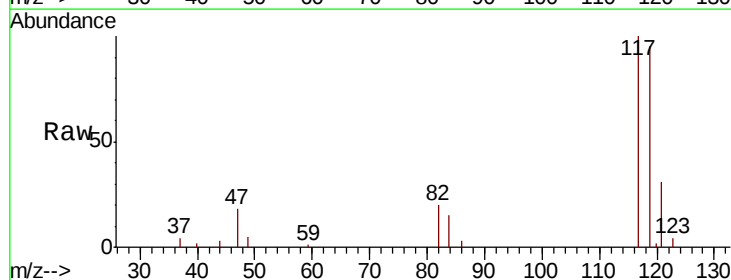
Acq: 03 Aug 2019 10:04

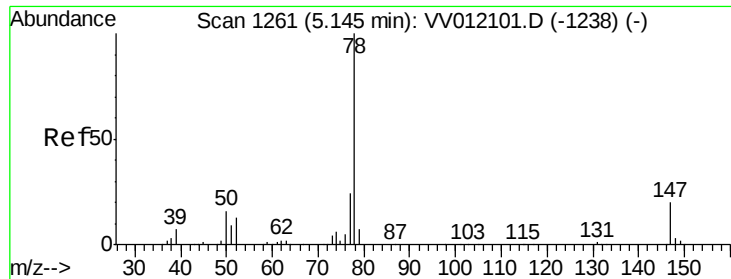
Tgt Ion: 117 Resp: 20972

Ion Ratio Lower Upper

117 100

119 95.5 76.9 115.3





#34

Benzene

Concen: 4.758 ug/L

RT: 5.15 min Scan# 1262

Delta R.T. 0.00 min

Lab File: VV012100.D

Acq: 03 Aug 2019 10:04

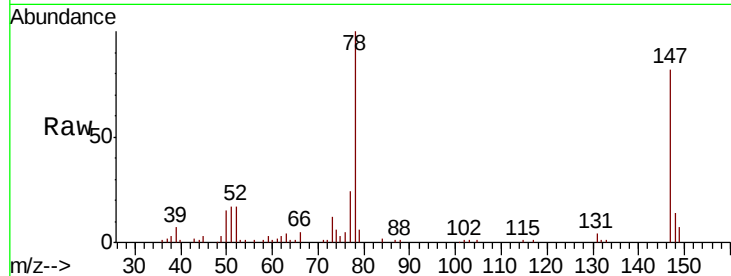
Instrument :

MSVOA_V

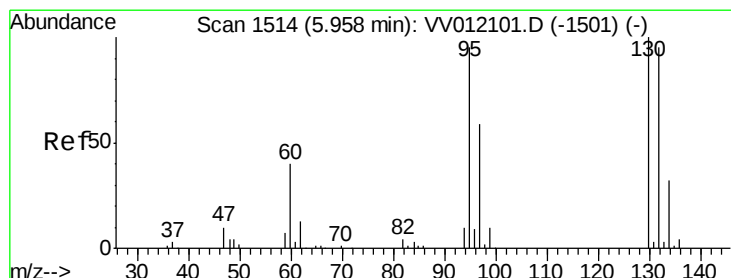
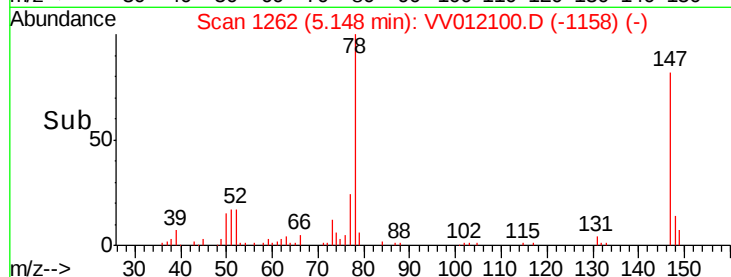
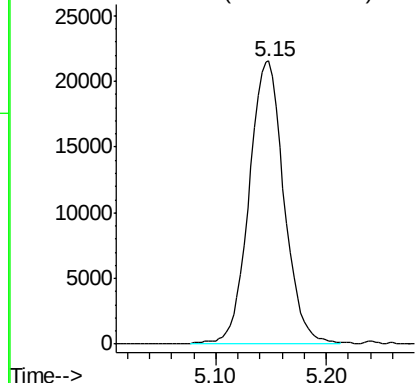
ClientSampleId :

VSTD00562

Tgt Ion: 78 Resp: 47273



Abundance Ion 78.00 (77.70 to 78.70): VV0



#35

Trichloroethene

Concen: 4.838 ug/L

RT: 5.96 min Scan# 1514

Delta R.T. -0.00 min

Lab File: VV012100.D

Acq: 03 Aug 2019 10:04

Tgt Ion: 95 Resp: 12897

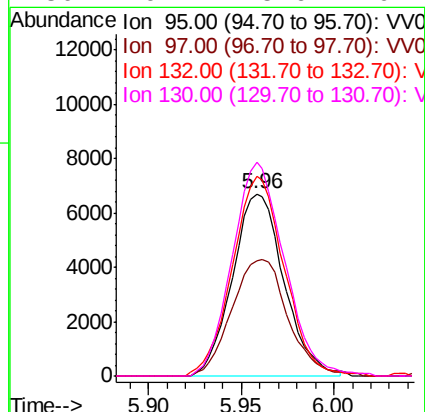
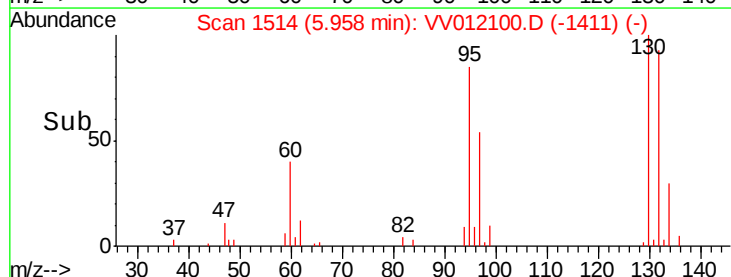
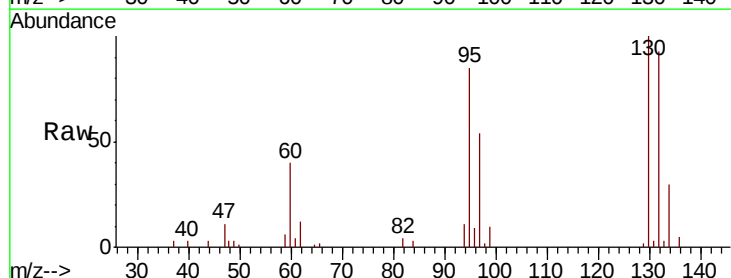
Ion	Ratio	Lower	Upper
95	100		
97	69.7	45.4	84.2
132	110.8	71.8	133.4
130	119.2	75.6	140.4

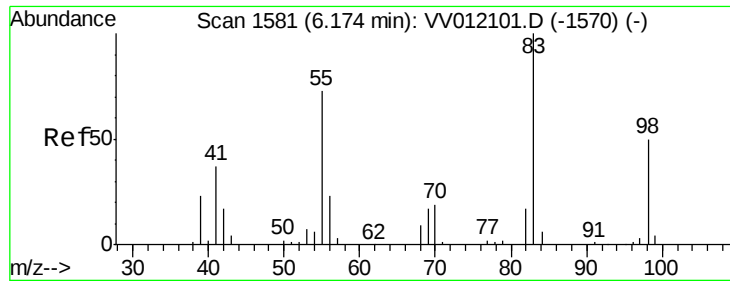
Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 97.00 (96.70 to 97.70): VV0

Ion 132.00 (131.70 to 132.70): VV0

Ion 130.00 (129.70 to 130.70): VV0

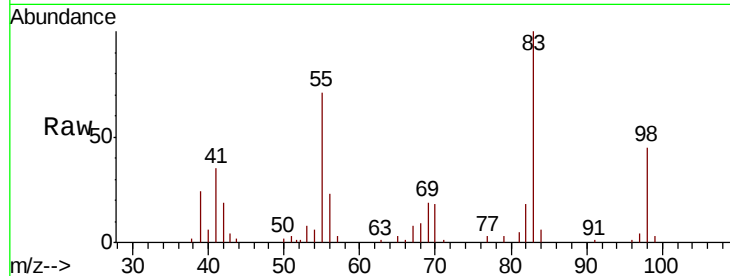




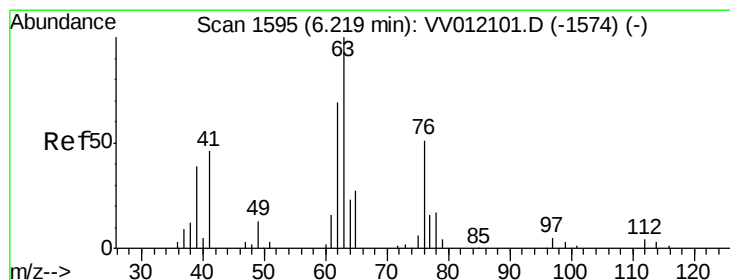
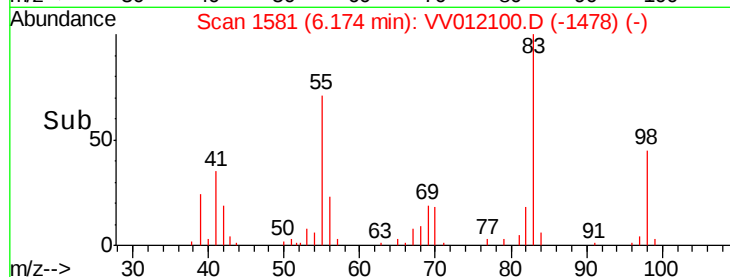
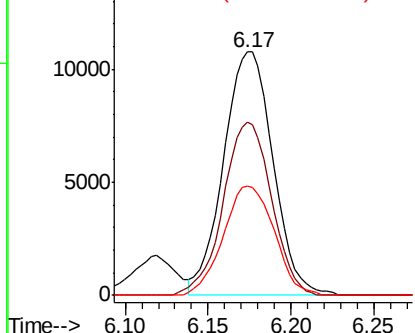
#36
Methylcyclohexane
Concen: 5.000 ug/L
RT: 6.17 min Scan# 1581
Delta R.T. -0.00 min
Lab File: VV012100.D
Acq: 03 Aug 2019 10:04

Instrument :
MSVOA_V
ClientSampleId :
VSTD00562

Tgt Ion: 83 Resp: 22352
Ion Ratio Lower Upper
83 100
55 69.4 56.2 84.2
98 46.2 37.8 56.8

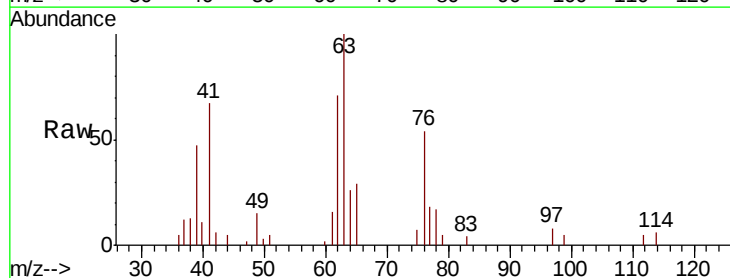


Abundance Ion 83.00 (82.70 to 83.70): VV0
Ion 55.00 (54.70 to 55.70): VV0
Ion 98.00 (97.70 to 98.70): VV0

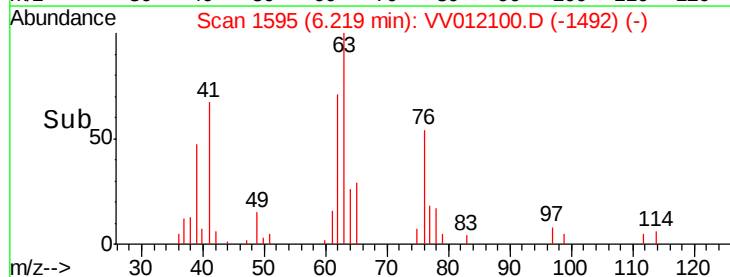
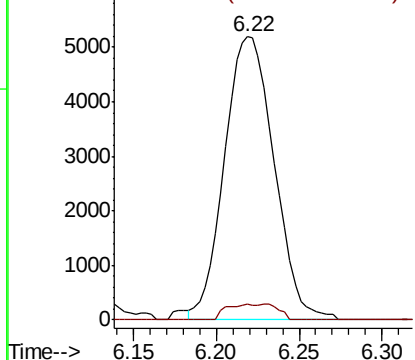


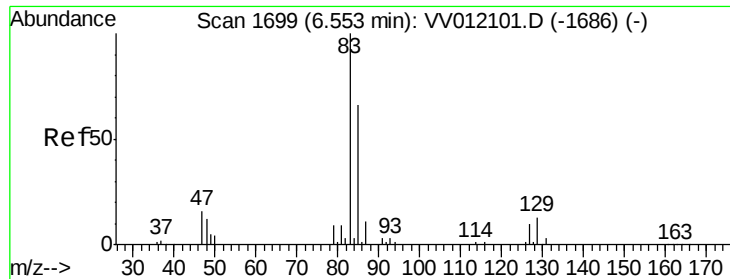
#40
1,2-Dichloropropane
Concen: 4.203 ug/L
RT: 6.22 min Scan# 1595
Delta R.T. -0.00 min
Lab File: VV012100.D
Acq: 03 Aug 2019 10:04

Tgt Ion: 63 Resp: 10794
Ion Ratio Lower Upper
63 100
112 1.6 3.9 5.9#



Abundance Ion 63.00 (62.70 to 63.70): VV0
Ion 112.00 (111.70 to 112.70): V





#41

Bromodichloromethane

Concen: 4.854 ug/L

RT: 6.55 min Scan# 1699

Delta R.T. -0.00 min

Lab File: VV012100.D

Acq: 03 Aug 2019 10:04

Instrument :

MSVOA_V

ClientSampleId :

VSTD00562

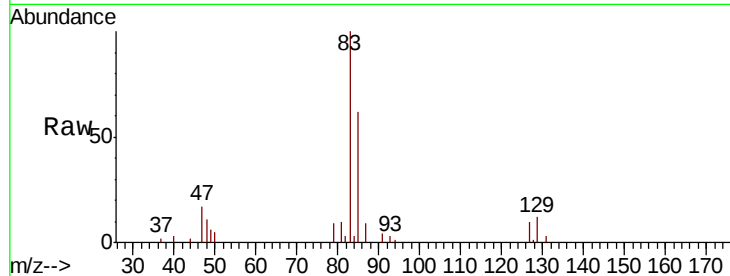
Tgt Ion: 83 Resp: 16778

Ion Ratio Lower Upper

83 100

85 61.9 46.5 86.3

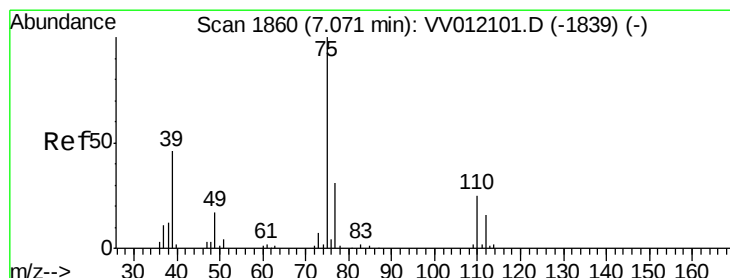
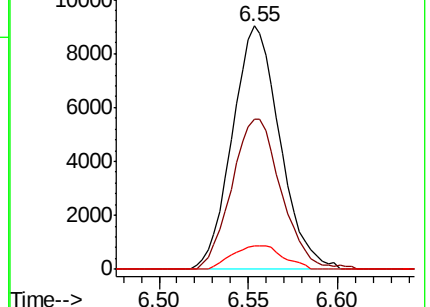
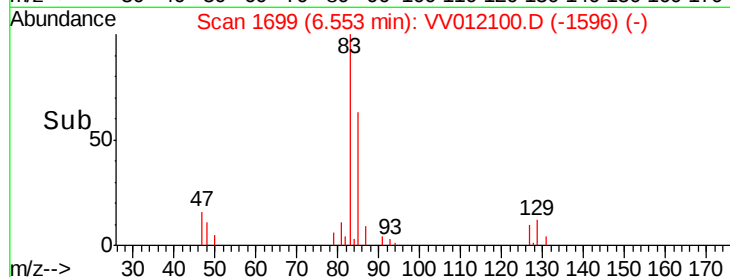
127 9.8 7.9 11.9



Abundance Ion 83.00 (82.70 to 83.70): VV012100.D (-1596) (-)

Ion 85.00 (84.70 to 85.70): VV012100.D (-1596) (-)

Ion 127.00 (126.70 to 127.70): VV012100.D (-1596) (-)



#42

cis-1,3-Dichloropropene

Concen: 4.729 ug/L

RT: 7.07 min Scan# 1860

Delta R.T. -0.00 min

Lab File: VV012100.D

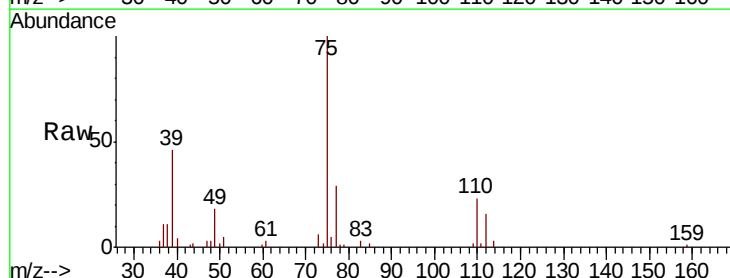
Acq: 03 Aug 2019 10:04

Tgt Ion: 75 Resp: 19691

Ion Ratio Lower Upper

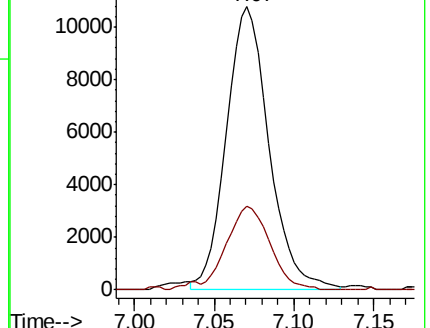
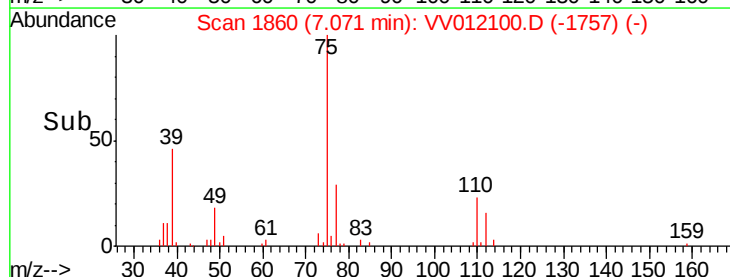
75 100

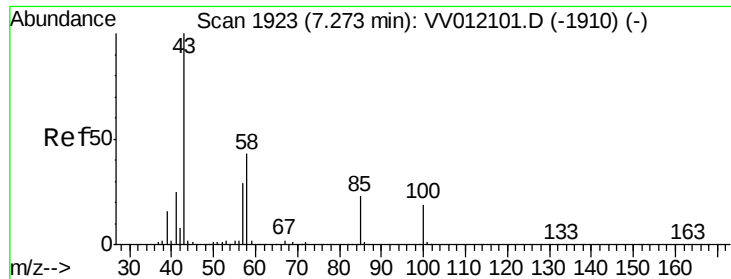
77 29.4 21.7 40.3



Abundance Ion 75.00 (74.70 to 75.70): VV012100.D (-1757) (-)

Ion 77.00 (76.70 to 77.70): VV012100.D (-1757) (-)

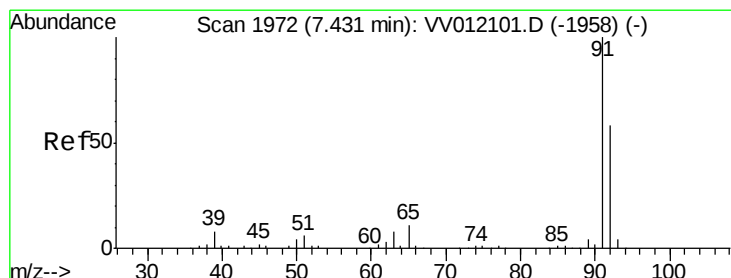
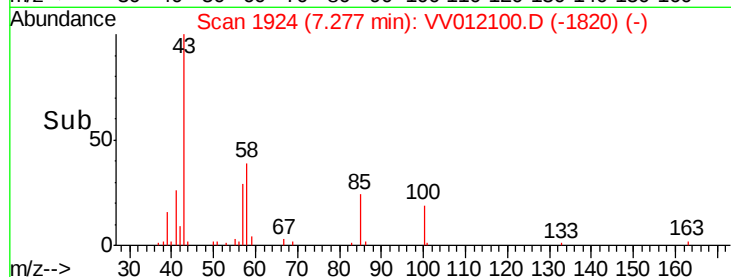
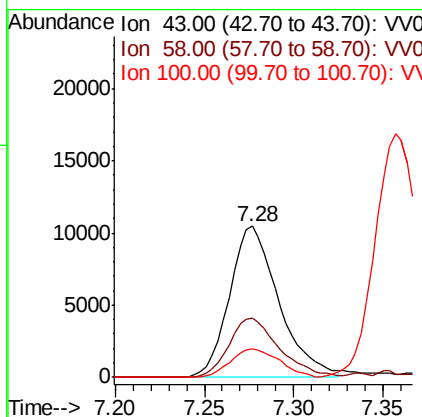
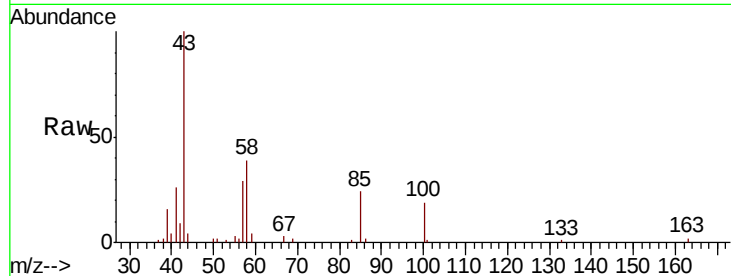




#43
4-Methyl-2-pentanone
Concen: 8.587 ug/L
RT: 7.28 min Scan# 1924
Delta R.T. 0.00 min
Lab File: VV012100.D
Acq: 03 Aug 2019 10:04

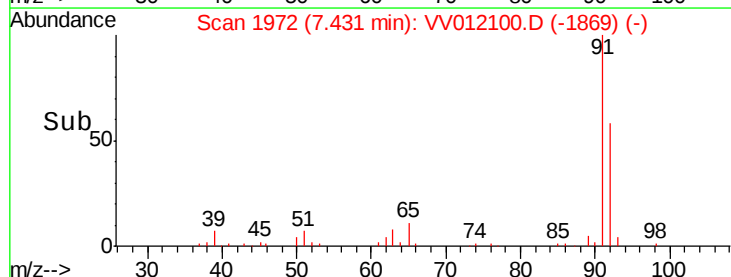
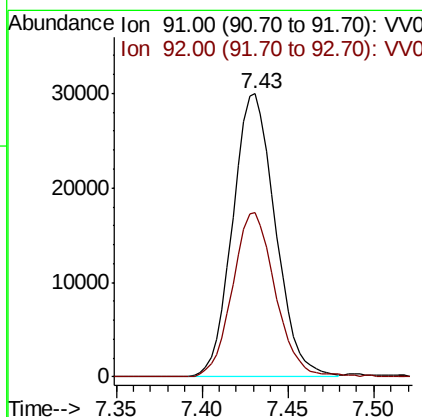
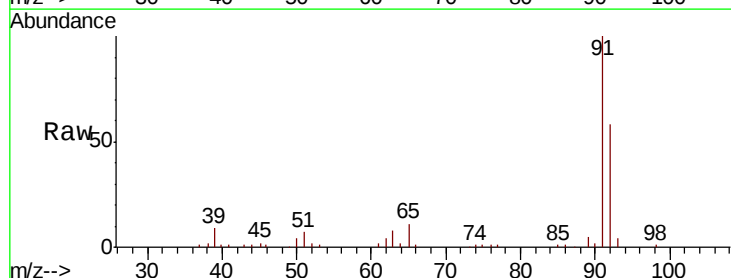
Instrument :
MSVOA_V
ClientSampled :
VSTD00562

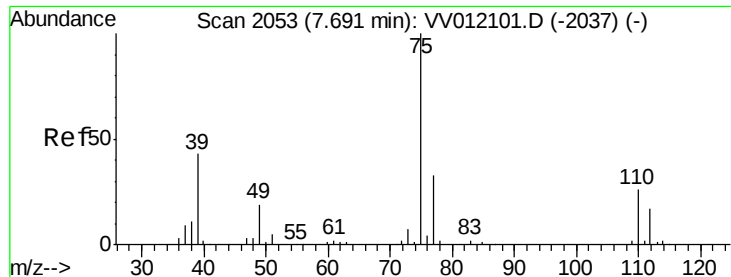
Tgt Ion: 43 Resp: 20138
Ion Ratio Lower Upper
43 100
58 39.9 33.9 50.9
100 18.6 14.9 22.3



#44
Toluene
Concen: 4.709 ug/L
RT: 7.43 min Scan# 1972
Delta R.T. -0.00 min
Lab File: VV012100.D
Acq: 03 Aug 2019 10:04

Tgt Ion: 91 Resp: 51574
Ion Ratio Lower Upper
91 100
92 57.9 40.4 75.0





#45

trans-1,3-Dichloropropene

Concen: 4.733 ug/L

RT: 7.69 min Scan# 2054

Delta R.T. 0.00 min

Lab File: VV012100.D

Acq: 03 Aug 2019 10:04

Instrument :

MSVOA_V

ClientSampleId :

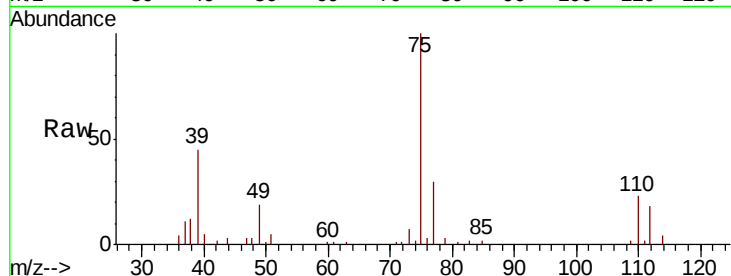
VSTD00562

Tgt Ion: 75 Resp: 16873

Ion Ratio Lower Upper

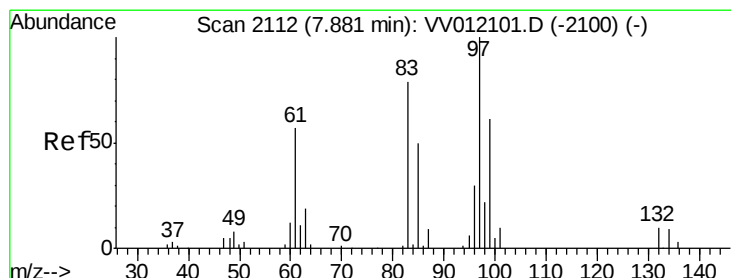
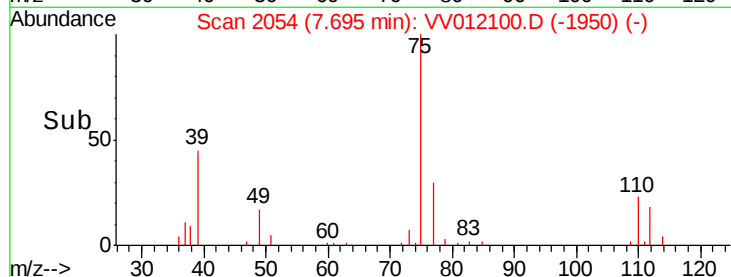
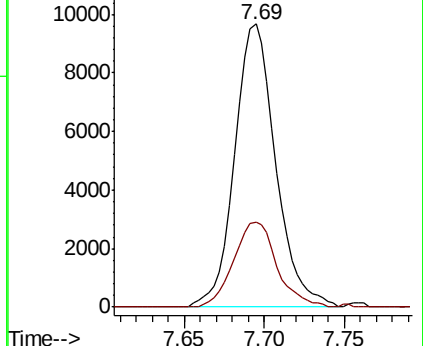
75 100

77 30.2 23.3 43.3



Abundance Ion 75.00 (74.70 to 75.70): VV012100.D (-1950) (-)

Ion 77.00 (76.70 to 77.70): VV012100.D (-1950) (-)



#46

1,1,2-Trichloroethane

Concen: 4.725 ug/L

RT: 7.88 min Scan# 2112

Delta R.T. -0.00 min

Lab File: VV012100.D

Acq: 03 Aug 2019 10:04

Tgt Ion: 97 Resp: 9807

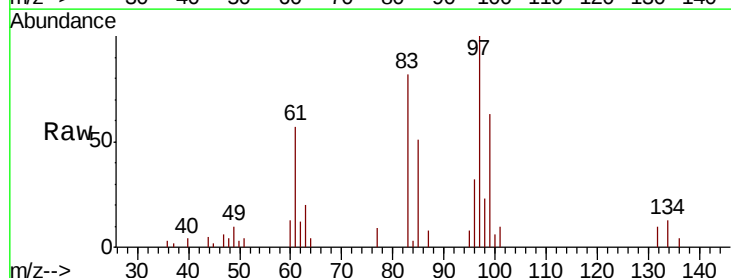
Ion Ratio Lower Upper

97 100

83 82.4 55.2 102.6

85 51.4 35.4 65.7

99 63.2 43.0 80.0

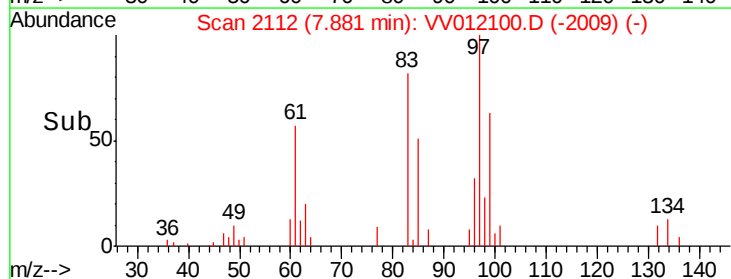
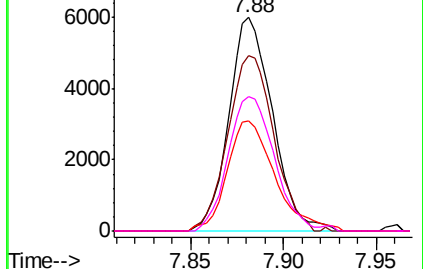


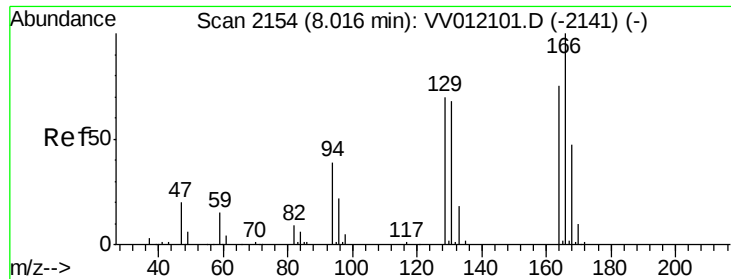
Abundance Ion 97.00 (96.70 to 97.70): VV012100.D (-2009) (-)

Ion 83.00 (82.70 to 83.70): VV012100.D (-2009) (-)

Ion 85.00 (84.70 to 85.70): VV012100.D (-2009) (-)

Ion 99.00 (98.70 to 99.70): VV012100.D (-2009) (-)

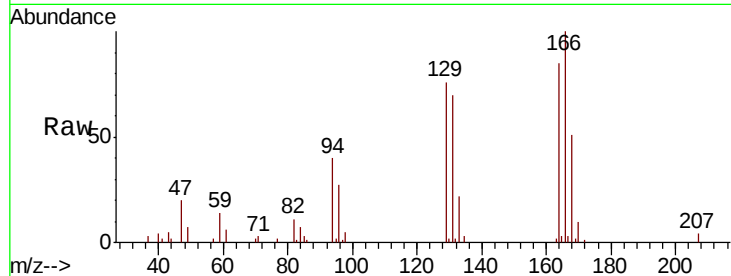




#47
Tetrachloroethene
Concen: 6.334 ug/L
RT: 8.02 min Scan# 2155
Delta R.T. 0.00 min
Lab File: VV012100.D
Acq: 03 Aug 2019 10:04

Instrument :
MSVOA_V
ClientSampleId :
VSTD00562

Tgt Ion:	164	Resp:	13161
Ion	Ratio	Lower	Upper
164	100		
129	89.7	65.5	121.6
131	82.3	63.2	117.4
166	117.6	92.9	172.5



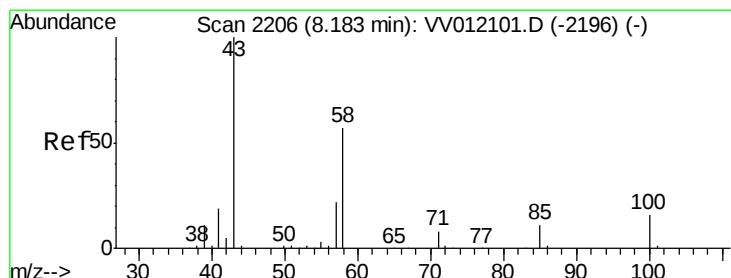
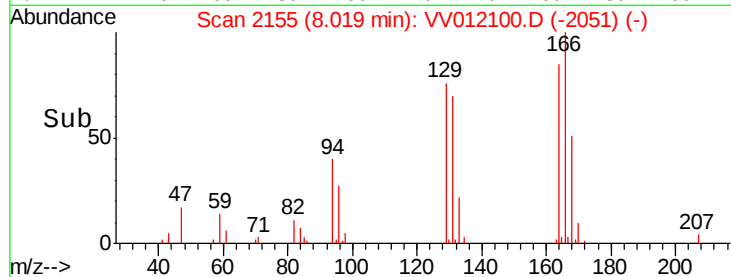
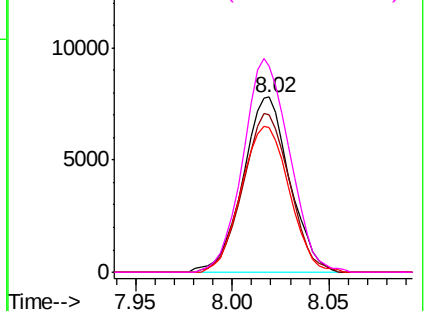
Abundance

Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

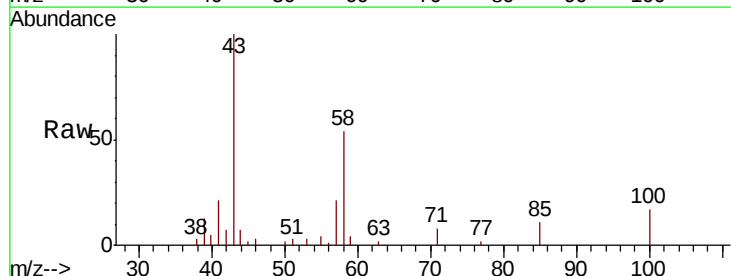
Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V



#49
2-Hexanone
Concen: 8.812 ug/L
RT: 8.19 min Scan# 2208
Delta R.T. 0.01 min
Lab File: VV012100.D
Acq: 03 Aug 2019 10:04

Tgt Ion:	43	Resp:	15194
Ion	Ratio	Lower	Upper
43	100		
58	56.3	45.7	68.5
57	22.3	18.1	27.1
100	15.8	12.0	18.0



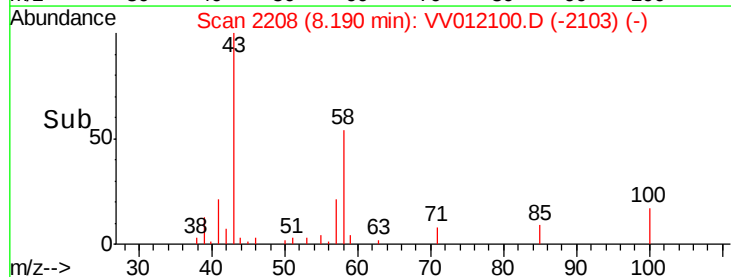
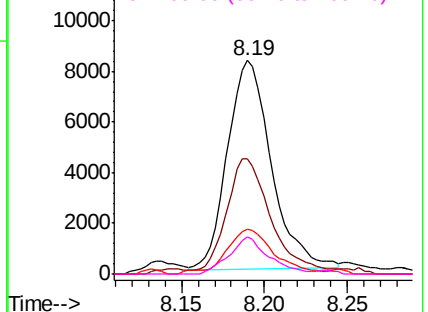
Abundance

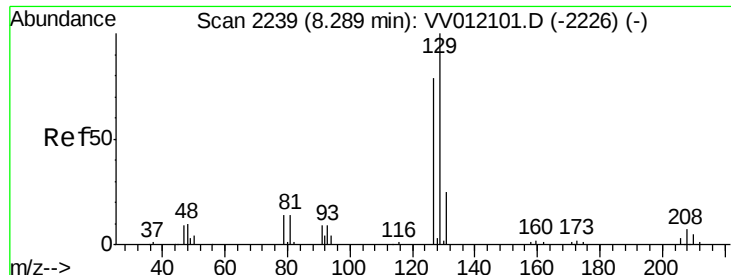
Ion 43.00 (42.70 to 43.70): VV0

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

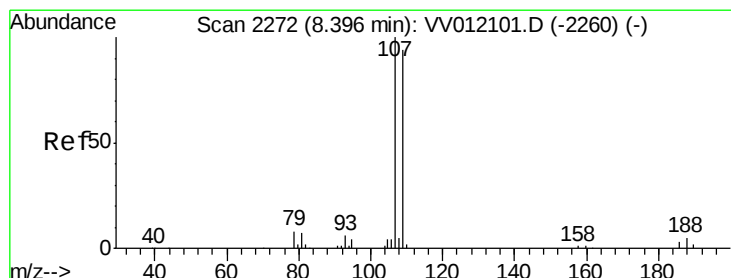
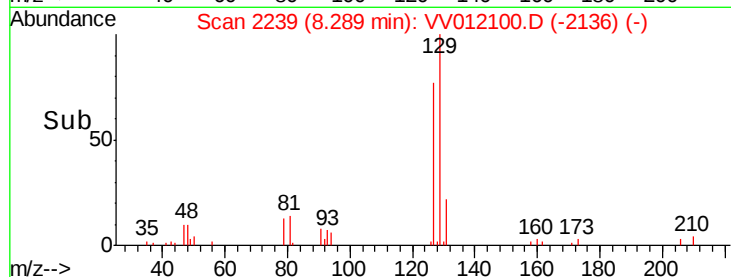
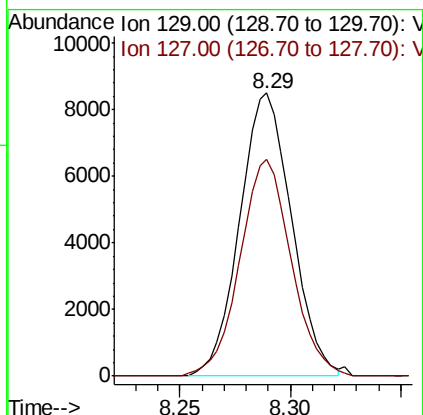
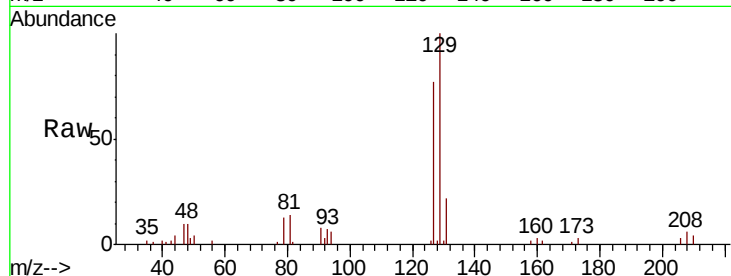




#50
 Dibromochloromethane
 Concen: 5.697 ug/L
 RT: 8.29 min Scan# 2239
 Delta R.T. -0.00 min
 Lab File: VV012100.D
 Acq: 03 Aug 2019 10:04

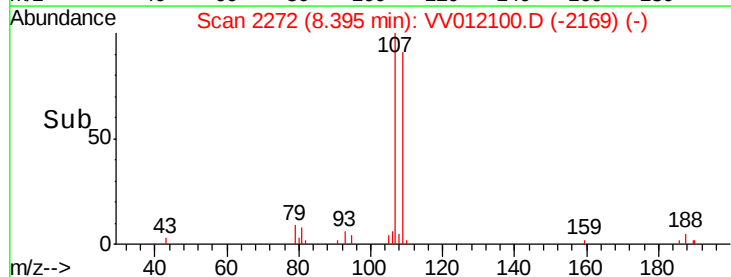
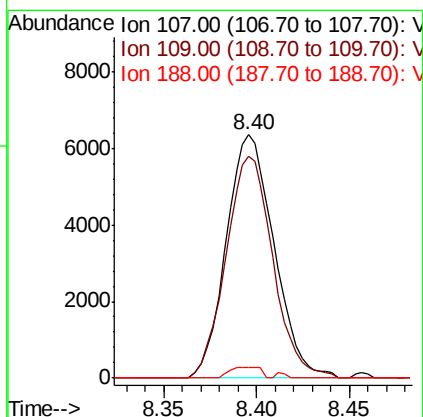
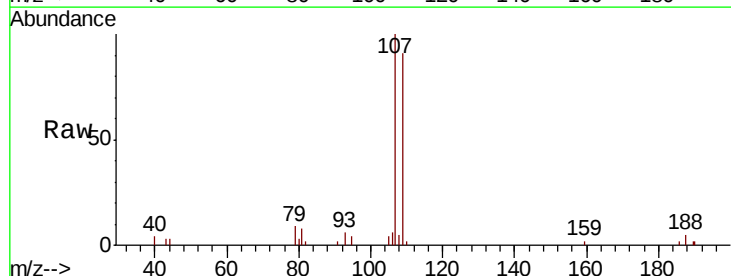
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00562

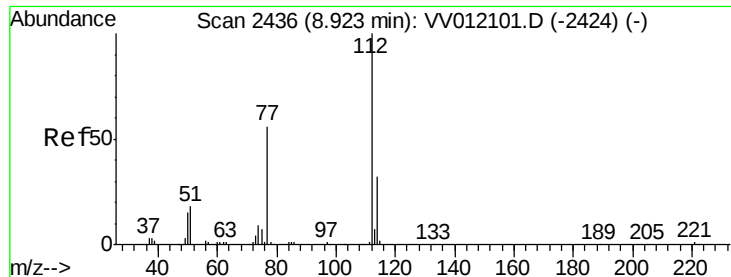
Tgt Ion:129 Resp: 13884
 Ion Ratio Lower Upper
 129 100
 127 76.7 55.4 103.0



#51
 1,2-Dibromoethane
 Concen: 5.520 ug/L
 RT: 8.40 min Scan# 2272
 Delta R.T. -0.00 min
 Lab File: VV012100.D
 Acq: 03 Aug 2019 10:04

Tgt Ion:107 Resp: 11349
 Ion Ratio Lower Upper
 107 100
 109 91.3 65.7 121.9
 188 4.5 3.9 5.9





#52

Chlorobenzene

Concen: 5.045 ug/L

RT: 8.92 min Scan# 2436

Delta R.T. -0.00 min

Lab File: VV012100.D

Acq: 03 Aug 2019 10:04

Instrument :

MSVOA_V

ClientSampleId :

VSTD00562

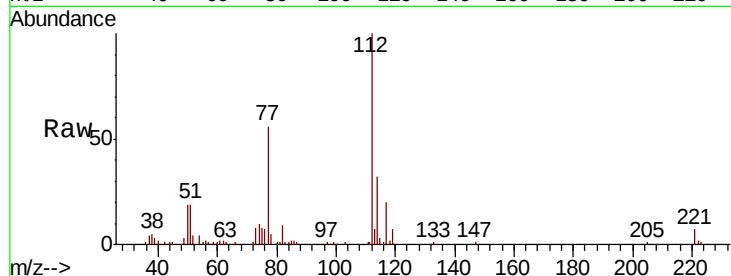
Tgt Ion: 112 Resp: 35791

Ion Ratio Lower Upper

112 100

77 56.0 45.3 67.9

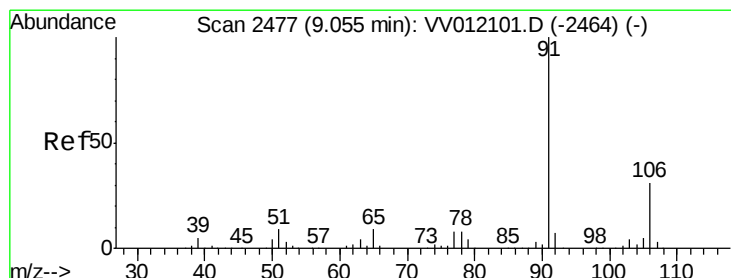
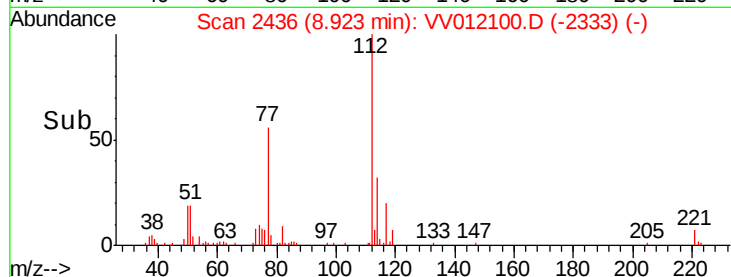
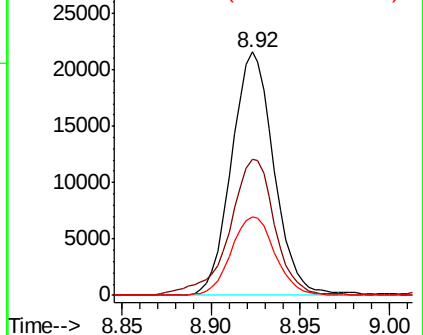
114 32.0 22.5 41.7



Abundance Ion 112.00 (111.70 to 112.70): V

Ion 77.00 (76.70 to 77.70): VV0

Ion 114.00 (113.70 to 114.70): V



#53

Ethylbenzene

Concen: 4.825 ug/L

RT: 9.05 min Scan# 2477

Delta R.T. -0.00 min

Lab File: VV012100.D

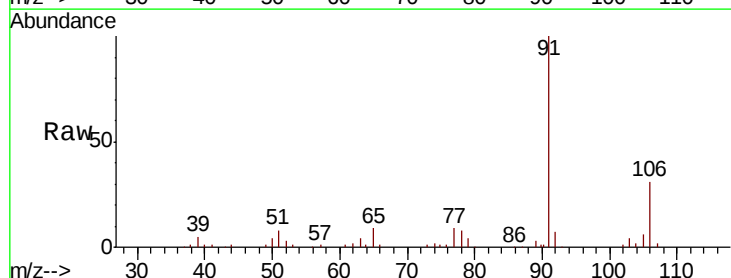
Acq: 03 Aug 2019 10:04

Tgt Ion: 91 Resp: 60541

Ion Ratio Lower Upper

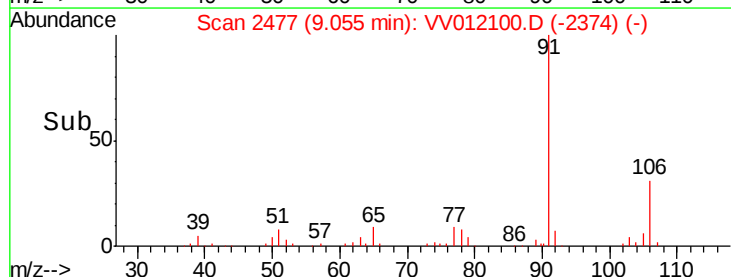
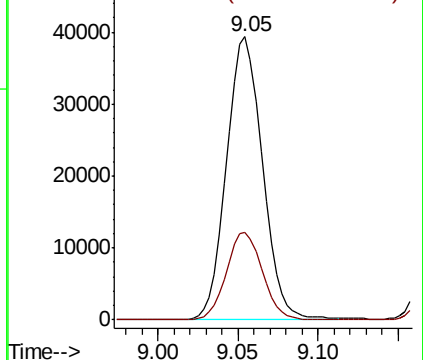
91 100

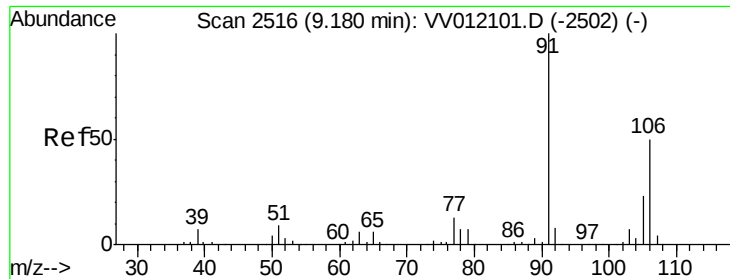
106 30.9 21.8 40.6



Abundance Ion 91.00 (90.70 to 91.70): VV0

Ion 106.00 (105.70 to 106.70): V





#54

m,p-Xylene

Concen: 5.075 ug/L

RT: 9.18 min Scan# 2516

Delta R.T. -0.00 min

Lab File: VV012100.D

Acq: 03 Aug 2019 10:04

Instrument :

MSVOA_V

ClientSampleId :

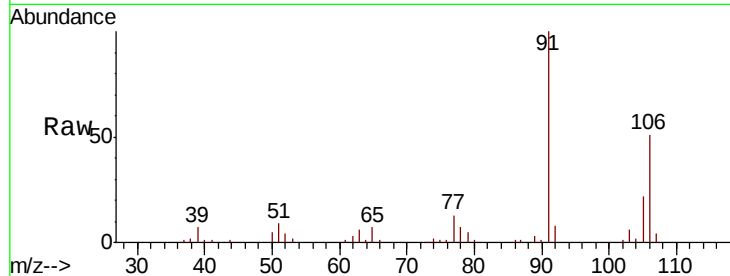
VSTD00562

Tgt Ion:106 Resp: 23969

Ion Ratio Lower Upper

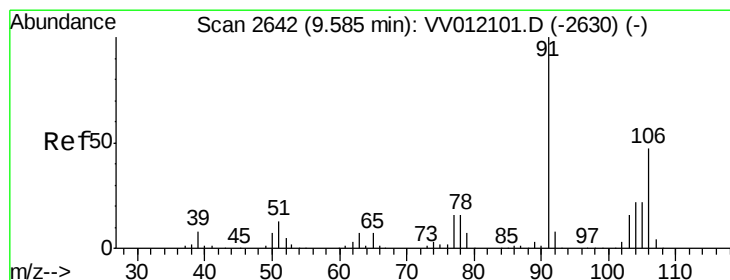
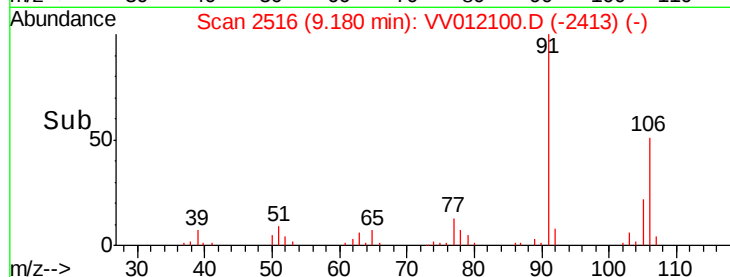
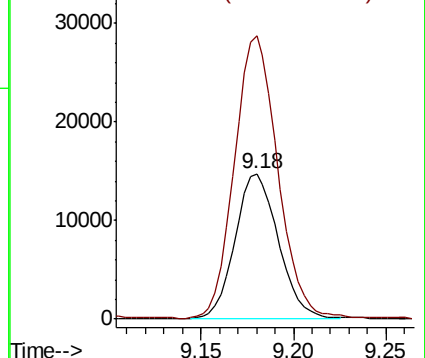
106 100

91 195.0 139.6 259.2



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VV0



#55

o-xylene

Concen: 4.758 ug/L

RT: 9.59 min Scan# 2642

Delta R.T. -0.00 min

Lab File: VV012100.D

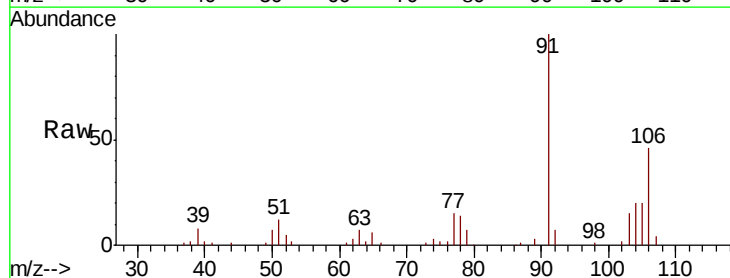
Acq: 03 Aug 2019 10:04

Tgt Ion:106 Resp: 21982

Ion Ratio Lower Upper

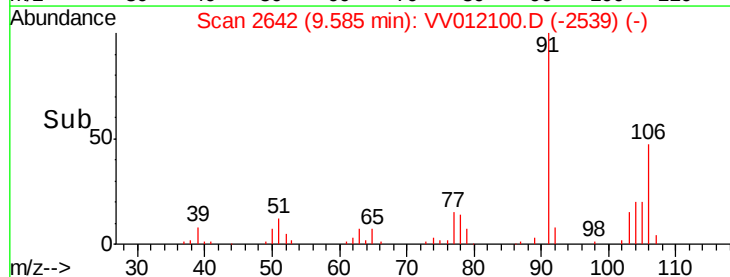
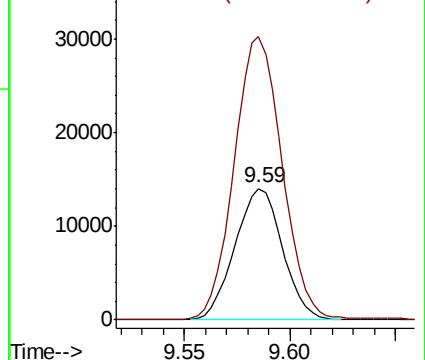
106 100

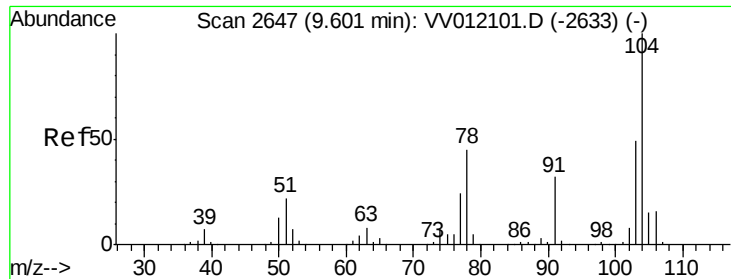
91 215.5 149.4 277.4



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VV0

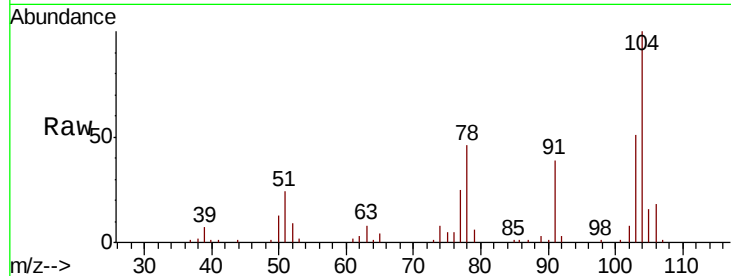




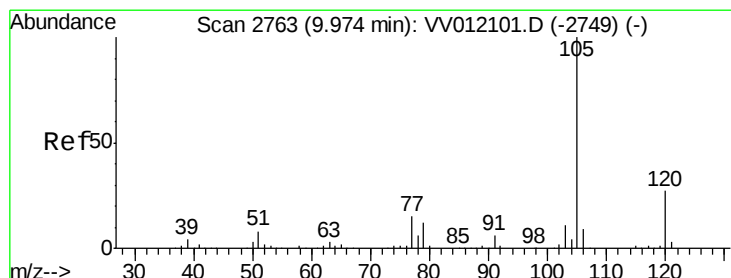
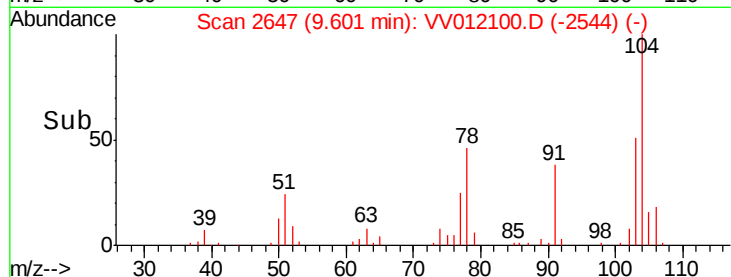
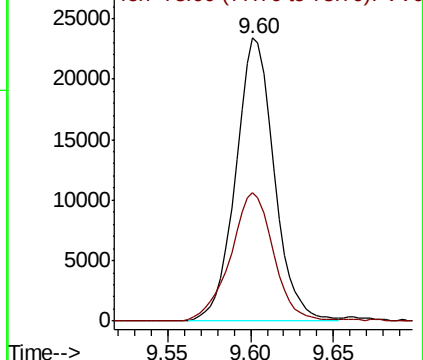
#56
Styrene
Concen: 4.882 ug/L
RT: 9.60 min Scan# 2647
Delta R.T. -0.00 min
Lab File: VV012100.D
Acq: 03 Aug 2019 10:04

Instrument :
MSVOA_V
ClientSampleId :
VSTD00562

Tgt Ion:104 Resp: 37905
Ion Ratio Lower Upper
104 100
78 45.6 31.4 58.4

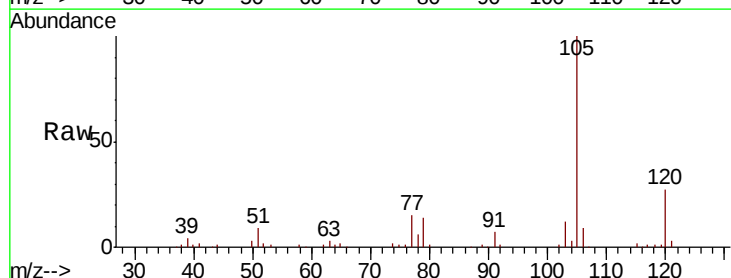


Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VV0

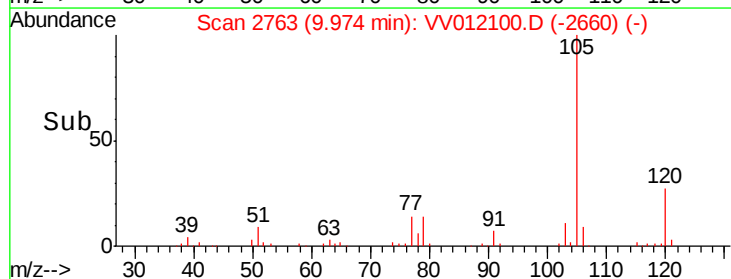
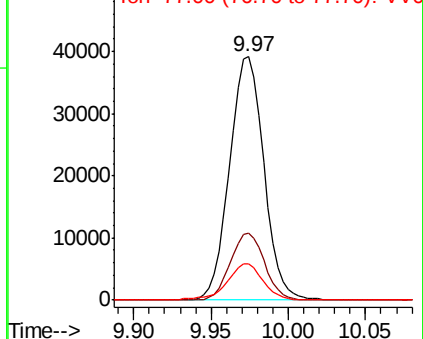


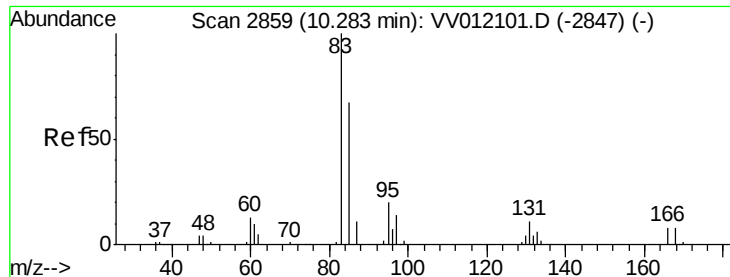
#57
Isopropylbenzene
Concen: 4.871 ug/L
RT: 9.97 min Scan# 2763
Delta R.T. -0.00 min
Lab File: VV012100.D
Acq: 03 Aug 2019 10:04

Tgt Ion:105 Resp: 60350
Ion Ratio Lower Upper
105 100
120 27.2 21.4 32.0
77 15.7 12.1 18.1



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V
Ion 77.00 (76.70 to 77.70): VV0





#58

1,1,2,2-Tetrachloroethane

Concen: 4.881 ug/L

RT: 10.28 min Scan# 2859

Delta R.T. -0.00 min

Lab File: VV012100.D

Acq: 03 Aug 2019 10:04

Instrument :

MSVOA_V

ClientSampleId :

VSTD00562

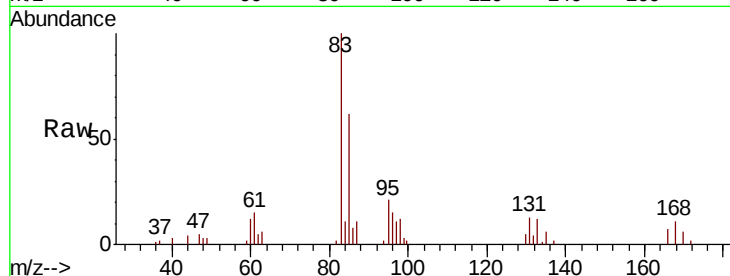
Tgt Ion: 83 Resp: 13677

Ion Ratio Lower Upper

83 100

85 61.5 47.2 87.6

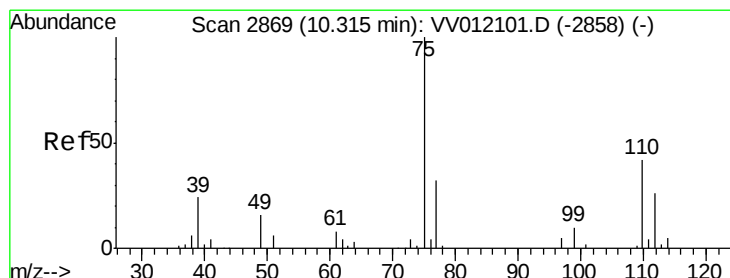
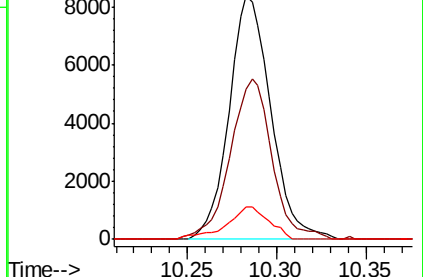
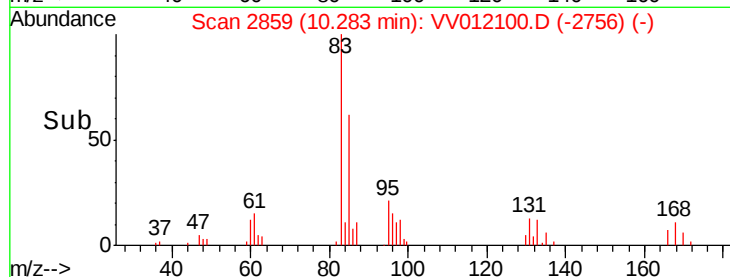
131 13.5 9.6 14.4



Abundance Ion 83.00 (82.70 to 83.70): VV012100.D (-2756) (-)

Ion 85.00 (84.70 to 85.70): VV012100.D (-2756) (-)

Ion 131.00 (130.70 to 131.70): VV012100.D (-2756) (-)



#59

1,2,3-Trichloropropane

Concen: 5.099 ug/L

RT: 10.32 min Scan# 2870

Delta R.T. 0.00 min

Lab File: VV012100.D

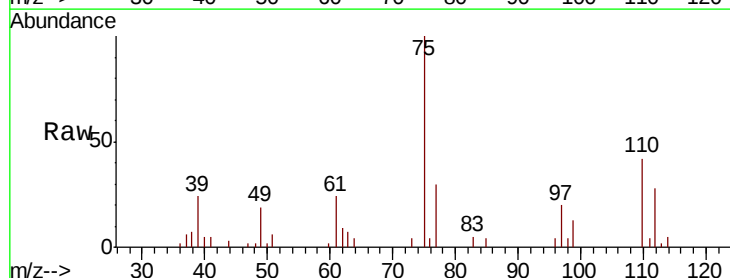
Acq: 03 Aug 2019 10:04

Tgt Ion: 75 Resp: 10883

Ion Ratio Lower Upper

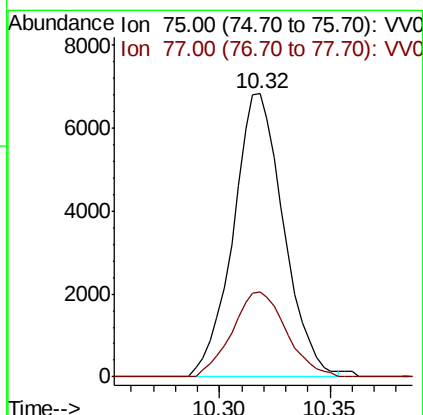
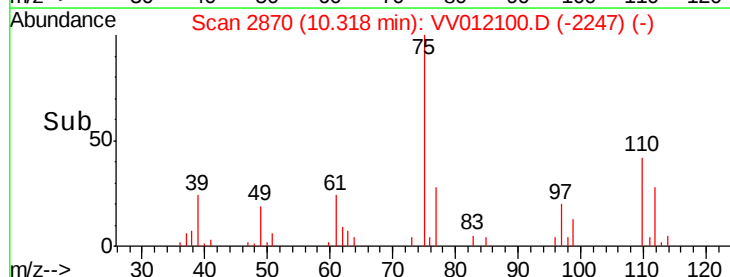
75 100

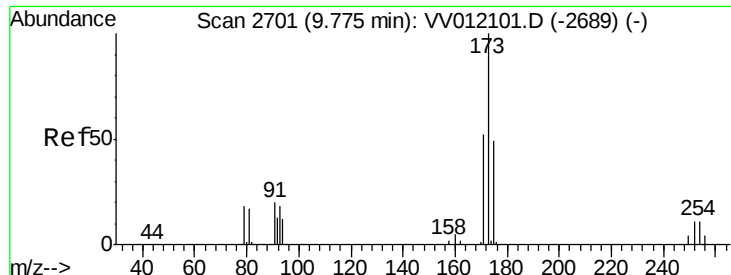
77 32.1 26.2 39.4



Abundance Ion 75.00 (74.70 to 75.70): VV012100.D (-2247) (-)

Ion 77.00 (76.70 to 77.70): VV012100.D (-2247) (-)

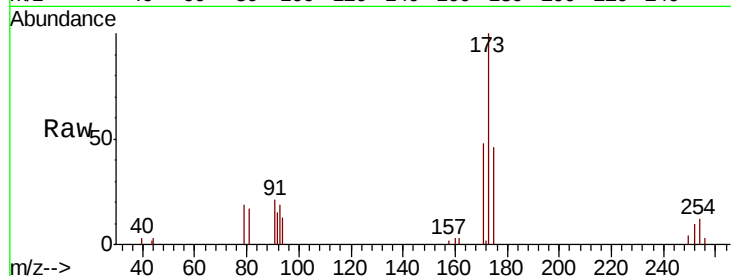




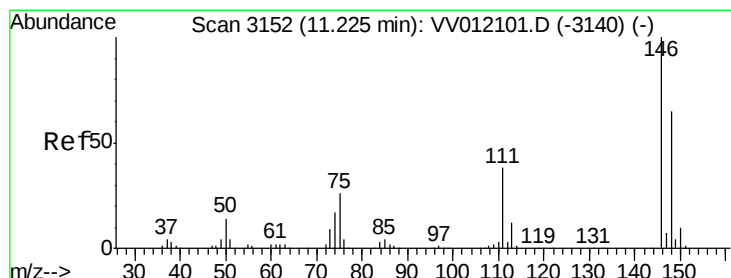
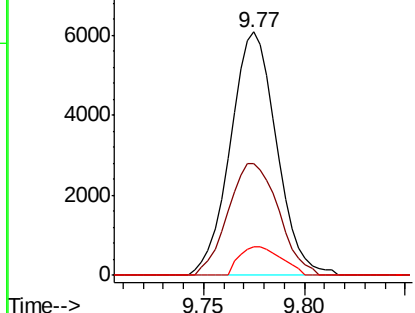
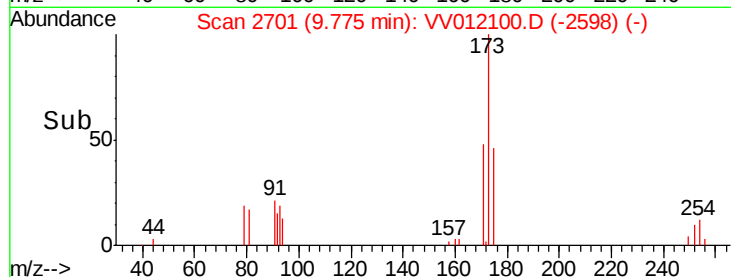
#62
Bromoform
Concen: 6.112 ug/L
RT: 9.77 min Scan# 2701
Delta R.T. -0.00 min
Lab File: VV012100.D
Acq: 03 Aug 2019 10:04

Instrument :
MSVOA_V
ClientSampleId :
VSTD00562

Tgt Ion:173 Resp: 9776
Ion Ratio Lower Upper
173 100
175 50.1 37.9 56.9
254 10.7 8.2 12.4

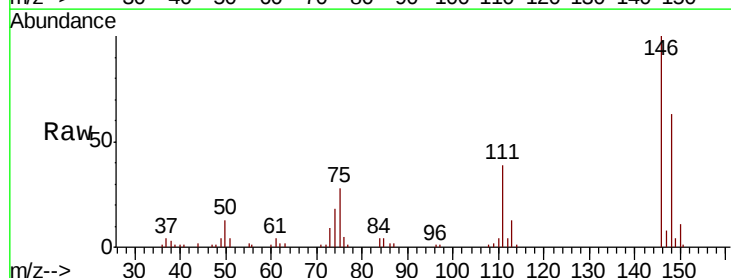


Abundance Ion 173.00 (172.70 to 173.70): V
Ion 175.00 (174.70 to 175.70): V
Ion 254.00 (253.70 to 254.70): V

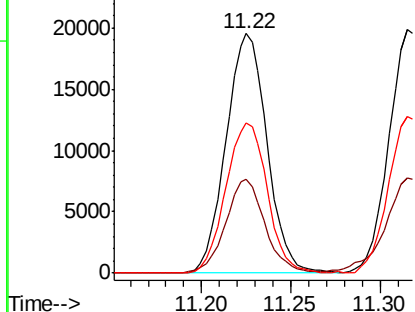
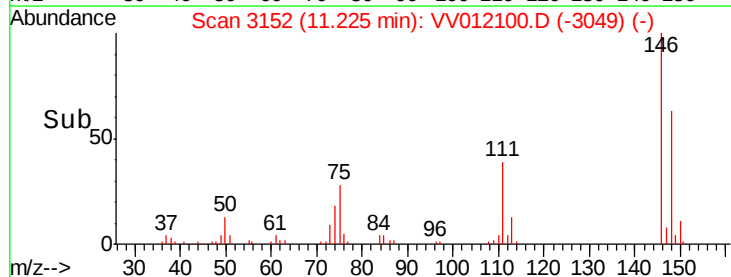


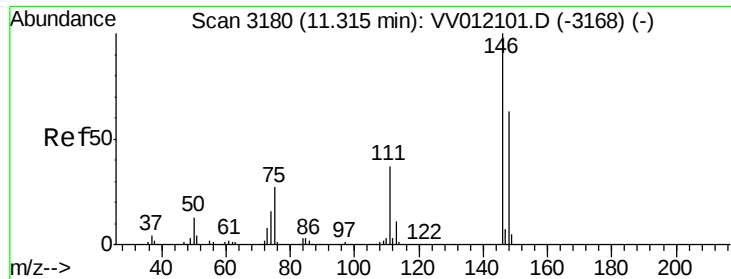
#63
1,3-Dichlorobenzene
Concen: 4.995 ug/L
RT: 11.22 min Scan# 3152
Delta R.T. -0.00 min
Lab File: VV012100.D
Acq: 03 Aug 2019 10:04

Tgt Ion:146 Resp: 31208
Ion Ratio Lower Upper
146 100
111 39.2 26.7 49.5
148 62.6 45.4 84.4



Abundance Ion 146.00 (145.70 to 146.70): V
Ion 111.00 (110.70 to 111.70): V
Ion 148.00 (147.70 to 148.70): V

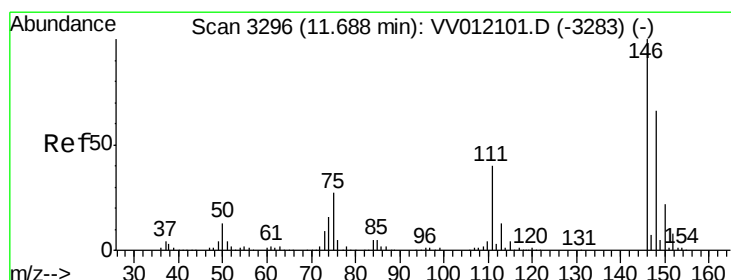
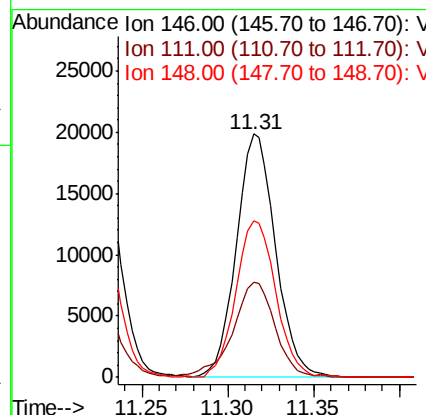
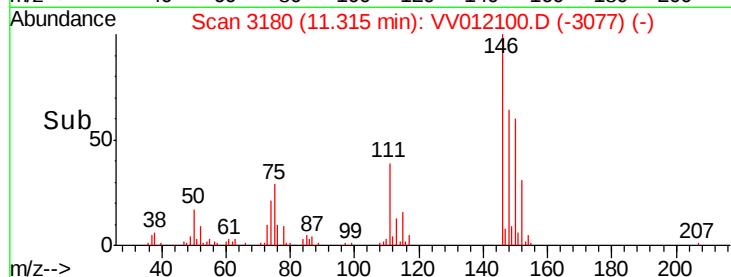
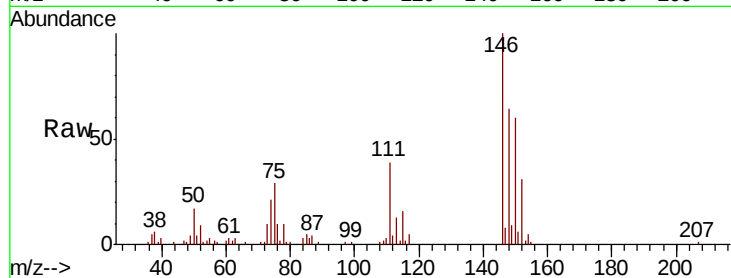




#64
1,4-Dichlorobenzene
Concen: 4.991 ug/L
RT: 11.31 min Scan# 3180
Delta R.T. -0.00 min
Lab File: VV012100.D
Acq: 03 Aug 2019 10:04

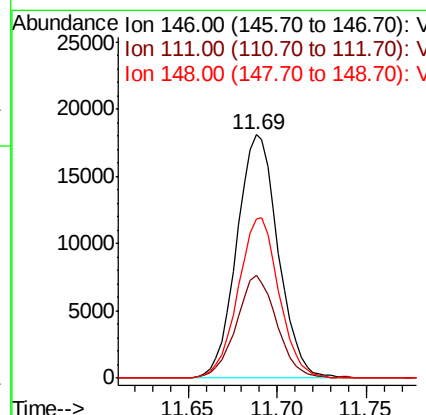
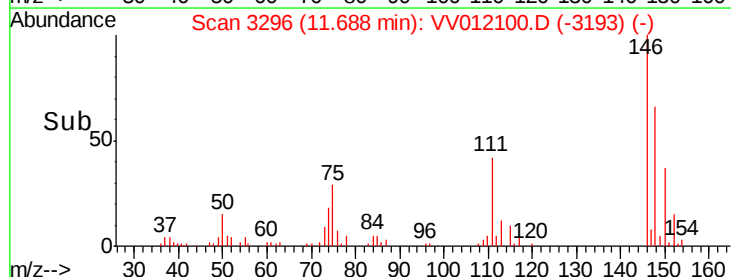
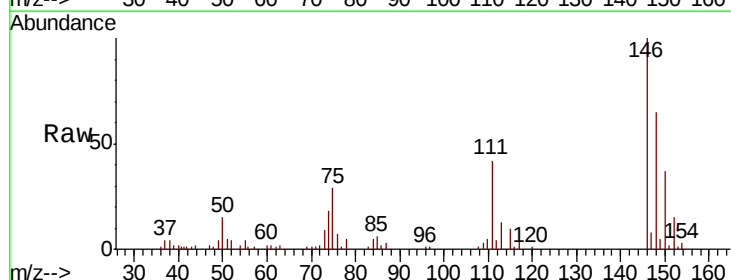
Instrument :
MSVOA_V
ClientSampleId :
VSTD00562

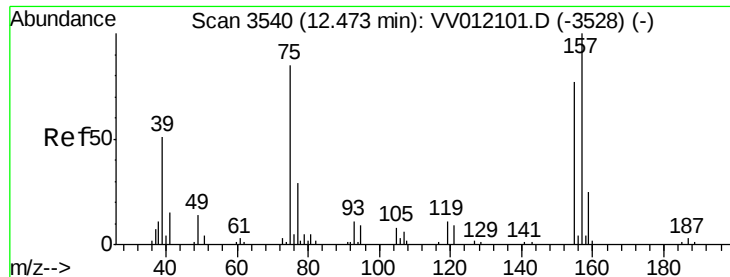
Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.2	25.9	48.1
148	64.1	44.4	82.4



#65
1,2-Dichlorobenzene
Concen: 4.977 ug/L
RT: 11.69 min Scan# 3296
Delta R.T. -0.00 min
Lab File: VV012100.D
Acq: 03 Aug 2019 10:04

Tgt Ion	Ratio	Lower	Upper
146	100		
111	42.0	32.2	48.4
148	65.5	52.6	78.8

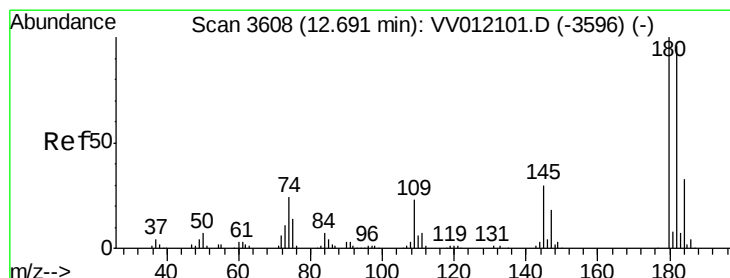
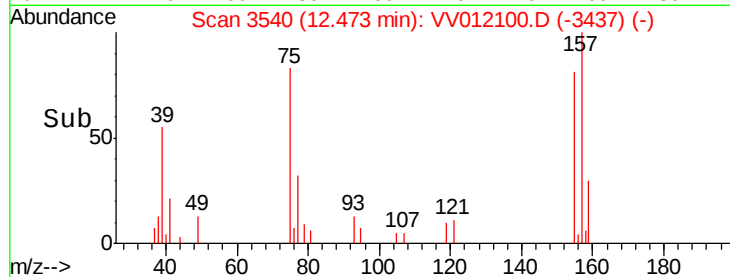
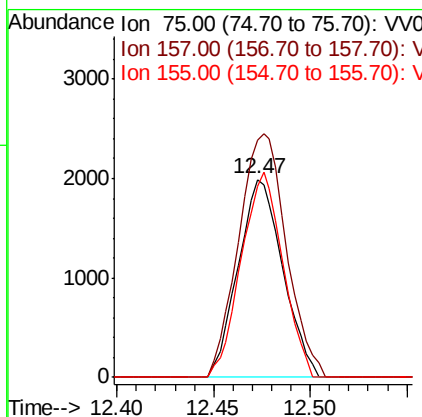
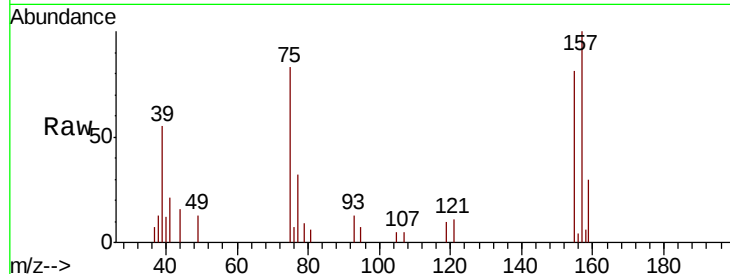




#66
 1,2-Dibromo-3-chloropropane
 Concen: 5.361 ug/L
 RT: 12.47 min Scan# 3540
 Delta R.T. -0.00 min
 Lab File: VV012100.D
 Acq: 03 Aug 2019 10:04

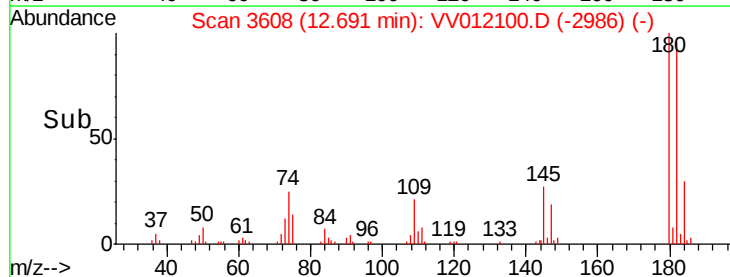
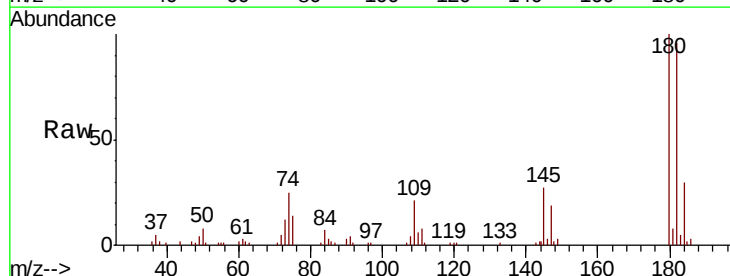
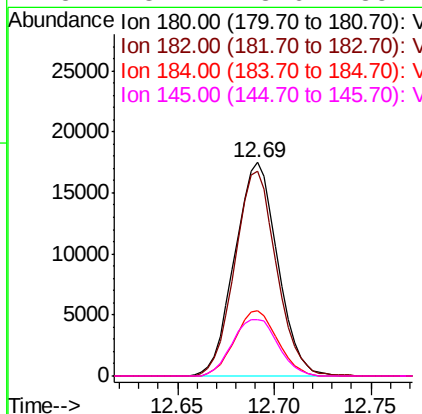
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00562

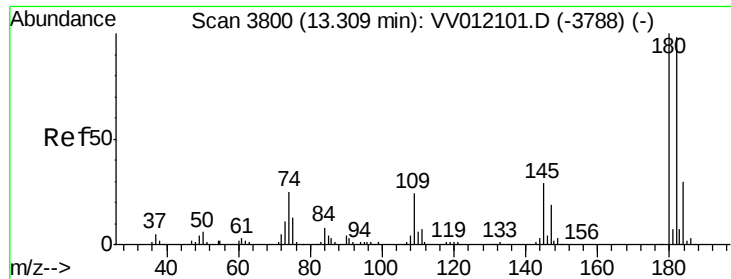
Tgt Ion: 75 Resp: 3199
 Ion Ratio Lower Upper
 75 100
 157 119.8 94.4 141.6
 155 97.0 72.6 108.8



#67
 1,3,5-Trichlorobenzene
 Concen: 5.630 ug/L
 RT: 12.69 min Scan# 3608
 Delta R.T. -0.00 min
 Lab File: VV012100.D
 Acq: 03 Aug 2019 10:04

Tgt Ion: 180 Resp: 26897
 Ion Ratio Lower Upper
 180 100
 182 93.5 77.2 115.8
 184 30.5 25.4 38.2
 145 28.4 23.6 35.4

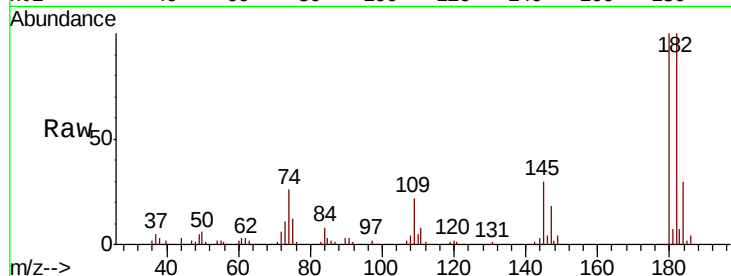




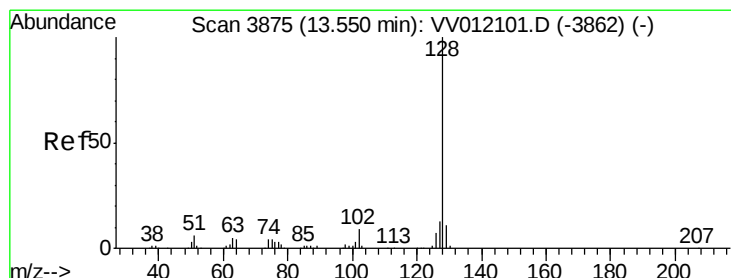
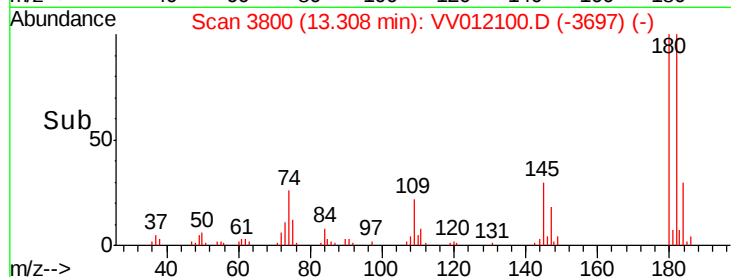
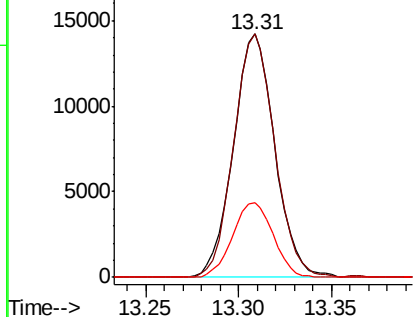
#68
 1,2,4-trichlorobenzene
 Concen: 5.650 ug/L
 RT: 13.31 min Scan# 3800
 Delta R.T. -0.00 min
 Lab File: VV012100.D
 Acq: 03 Aug 2019 10:04

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00562

Tgt Ion	Ratio	Lower	Upper
180	100		
182	98.6	77.2	115.8
145	30.1	23.4	35.0

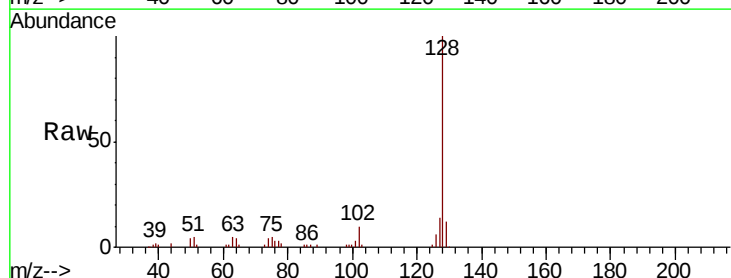


Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 145.00 (144.70 to 145.70): V

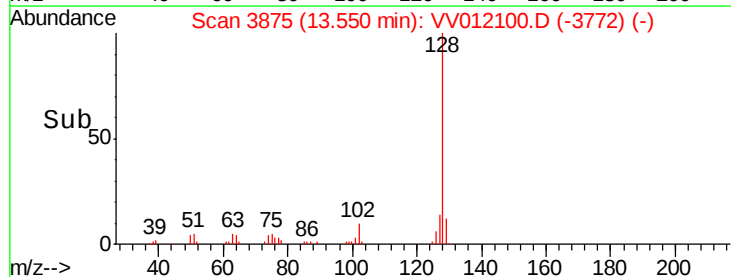
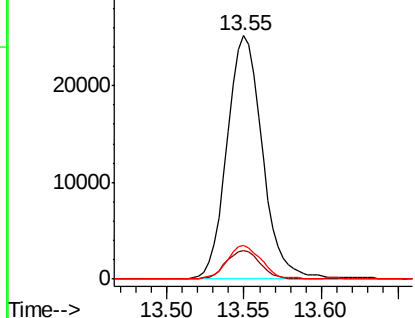


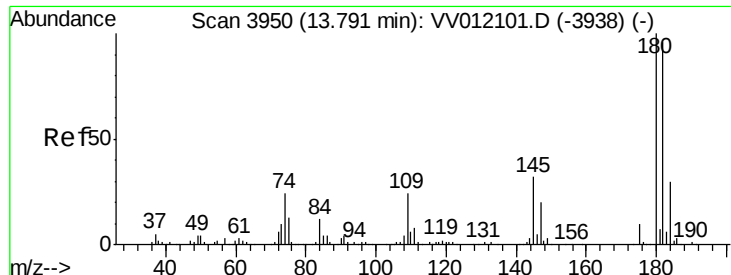
#69
 Naphthalene
 Concen: 5.085 ug/L
 RT: 13.55 min Scan# 3875
 Delta R.T. -0.00 min
 Lab File: VV012100.D
 Acq: 03 Aug 2019 10:04

Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.4	8.6	13.0
127	13.3	10.6	15.8



Abundance Ion 128.00 (127.70 to 128.70): V
 Ion 129.00 (128.70 to 129.70): V
 Ion 127.00 (126.70 to 127.70): V





#70
 1,2,3-Trichlorobenzene
 Concen: 5.630 ug/L
 RT: 13.79 min Scan# 3950
 Delta R.T. -0.00 min
 Lab File: VV012100.D
 Acq: 03 Aug 2019 10:04

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00562

Tgt Ion	Resp	Lower	Upper
180	20435		
182	90.6	75.8	113.6
145	32.8	25.3	37.9

