

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW011819\
 Data File : VW008364.D
 Acq On : 18 Jan 2019 19:15
 Operator : SY/VA
 Sample : VSTDCCC050EC
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jan 19 01:46:33 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W011719S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 18 00:57:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	128062	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	211875	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	198064	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	100332	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.30	65	64053	48.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.16%	
35) Dibromofluoromethane	7.88	113	65936	48.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.50%	
50) Toluene-d8	10.32	98	262513	49.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.82%	
62) 4-Bromofluorobenzene	12.62	95	92160	48.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.72%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	43697	54.153	ug/l	94
3) Chloromethane	2.21	50	58486	49.445	ug/l	97
4) Vinyl Chloride	2.37	62	79251	52.437	ug/l	92
5) Bromomethane	2.78	94	59047	51.553	ug/l	94
6) Chloroethane	2.93	64	53638	54.221	ug/l	97
7) Trichlorofluoromethane	3.26	101	61474	55.396	ug/l	97
8) Diethyl Ether	3.67	74	36546	47.492	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.05	101	65977	51.067	ug/l	94
10) Methyl Iodide	4.27	142	98494	47.269	ug/l	99
11) Tert butyl alcohol	5.17	59	20803	231.935	ug/l #	92
12) 1,1-Dichloroethene	4.03	96	64379	48.994	ug/l	97
13) Acrolein	3.89	56	24149	259.679	ug/l	90
14) Allyl chloride	4.66	41	111233	50.636	ug/l	99
15) Acrylonitrile	5.37	53	73810	249.697	ug/l	99
16) Acetone	4.12	43	64750	209.296	ug/l	96
17) Carbon Disulfide	4.37	76	203039	50.780	ug/l	99
18) Methyl Acetate	4.67	43	39596	47.914	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	101097	50.260	ug/l	98
20) Methylene Chloride	4.91	84	71426	49.740	ug/l	93
21) trans-1,2-Dichloroethene	5.42	96	75224	50.970	ug/l	92
22) Diisopropyl ether	6.31	45	224777	52.411	ug/l	96
23) Vinyl Acetate	6.25	43	612805	267.306	ug/l	99
24) 1,1-Dichloroethane	6.21	63	132448	50.721	ug/l	99
25) 2-Butanone	7.17	43	97975	247.259	ug/l	95
26) 2,2-Dichloropropane	7.16	77	79378	47.633	ug/l	99
27) cis-1,2-Dichloroethene	7.16	96	80518	50.356	ug/l	98
28) Bromochloromethane	7.51	49	56816	52.810	ug/l #	97
29) Tetrahydrofuran	7.53	42	62201	251.801	ug/l	100
30) Chloroform	7.67	83	132564	51.308	ug/l	100
31) Cyclohexane	7.95	56	125531	50.454	ug/l	95
32) 1,1,1-Trichloroethane	7.87	97	110574	50.994	ug/l	99
36) 1,1-Dichloropropene	8.08	75	108919	51.096	ug/l	99
37) Ethyl Acetate	7.26	43	40359	45.913	ug/l	98
38) Carbon Tetrachloride	8.07	117	104391	49.594	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	137324	54.159	ug/l	96
40) Benzene	8.32	78	306752	50.801	ug/l	99
41) Methacrylonitrile	7.49	41	24335	47.555	ug/l	97
42) 1,2-Dichloroethane	8.40	62	82322	48.756	ug/l	99
43) Isopropyl Acetate	8.42	43	80468	48.462	ug/l	99
44) Trichloroethene	9.09	130	81122	49.037	ug/l	93
45) 1,2-Dichloropropane	9.37	63	76704	51.140	ug/l	97
46) Dibromomethane	9.46	93	38414	49.140	ug/l	94
47) Bromodichloromethane	9.64	83	97600	50.615	ug/l	97
48) Methyl methacrylate	9.44	41	40030	51.211	ug/l	98
49) 1,4-Dioxane	9.44	88	13028	1035.255	ug/l	97
51) 4-Methyl-2-Pentanone	10.21	43	215327	256.105	ug/l	99
52) Toluene	10.39	92	202147	52.901	ug/l	98
53) t-1,3-Dichloropropene	10.61	75	100016	51.969	ug/l	96
54) cis-1,3-Dichloropropene	10.07	75	117148	51.636	ug/l	100
55) 1,1,2-Trichloroethane	10.79	97	54943	50.673	ug/l	98
56) Ethyl methacrylate	10.65	69	66668	52.356	ug/l	99
57) 1,3-Dichloropropane	10.93	76	97574	51.829	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.93	63	161121	262.319	ug/l	100
59) 2-Hexanone	10.97	43	151401	257.004	ug/l	99
60) Dibromochloromethane	11.13	129	66642	51.499	ug/l	99
61) 1,2-Dibromoethane	11.24	107	53175	50.646	ug/l	97
64) Tetrachloroethene	10.86	164	67446	48.565	ug/l	95
65) Chlorobenzene	11.66	112	216530	50.120	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.73	131	75362	50.684	ug/l	98
67) Ethyl Benzene	11.73	91	384986	51.322	ug/l	99
68) m/p-Xylenes	11.84	106	303387	104.200	ug/l	99
69) o-Xylene	12.17	106	140791	51.758	ug/l	99
70) Styrene	12.18	104	228804	52.366	ug/l	99
71) Bromoform	12.35	173	35437	47.842	ug/l #	100
73) Isopropylbenzene	12.47	105	387884	53.059	ug/l	99
74) N-amyl acetate	12.27	43	79025	50.442	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	60960	49.025	ug/l	96
76) 1,2,3-Trichloropropane	12.77	75	82527	90.324	ug/l	27
77) Bromobenzene	12.75	156	86990	49.540	ug/l	97
78) n-propylbenzene	12.81	91	465582	52.617	ug/l	99
79) 2-Chlorotoluene	12.90	91	261586	51.742	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	322713	52.900	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.52	75	18240	47.641	ug/l	99
82) 4-Chlorotoluene	12.99	91	273257	51.724	ug/l	98
83) tert-Butylbenzene	13.21	119	273453	50.929	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	320613	51.591	ug/l	98
85) sec-Butylbenzene	13.39	105	395688	51.328	ug/l	99
86) p-Isopropyltoluene	13.51	119	360552	53.549	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	174401	49.987	ug/l	98
88) 1,4-Dichlorobenzene	13.58	146	171639	49.104	ug/l	98
89) n-Butylbenzene	13.83	91	346769	53.691	ug/l	100
90) Hexachloroethane	14.10	117	64254	51.566	ug/l	90
91) 1,2-Dichlorobenzene	13.87	146	151720	49.254	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.49	75	9961	48.991	ug/l	91

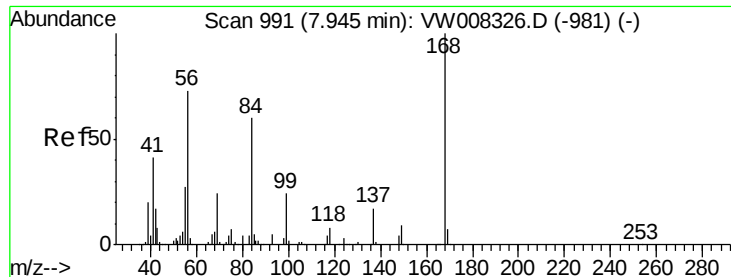
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	101815	48.827	ug/l	97
94) Hexachlorobutadiene	15.24	225	55871	47.542	ug/l	98
95) Naphthalene	15.38	128	180202	46.941	ug/l	99
96) 1,2,3-Trichlorobenzene	15.56	180	87597	48.229	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.01 min

Lab File: VW008364.D

Acq: 18 Jan 2019 19:15

Instrument :

MSVOA_W

ClientSampleId :

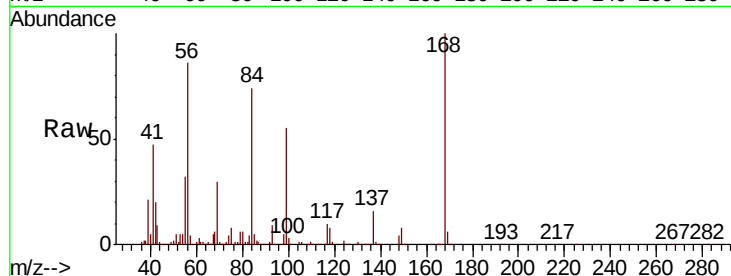
VSTDCCC050EC

Tgt Ion:168 Resp: 128062

Ion Ratio Lower Upper

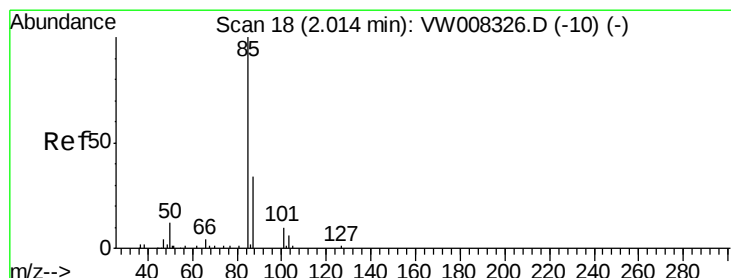
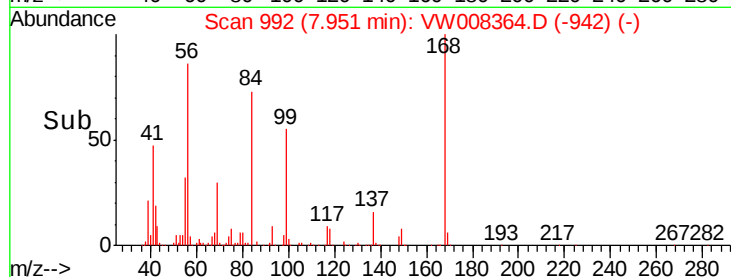
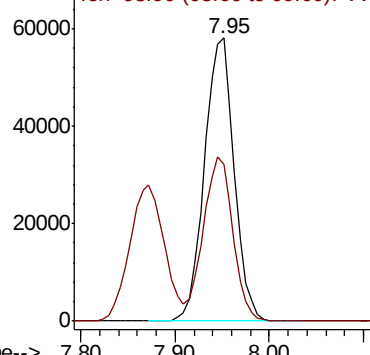
168 100

99 55.1 44.6 66.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: 54.153 ug/l

RT: 2.01 min Scan# 17

Delta R.T. -0.01 min

Lab File: VW008364.D

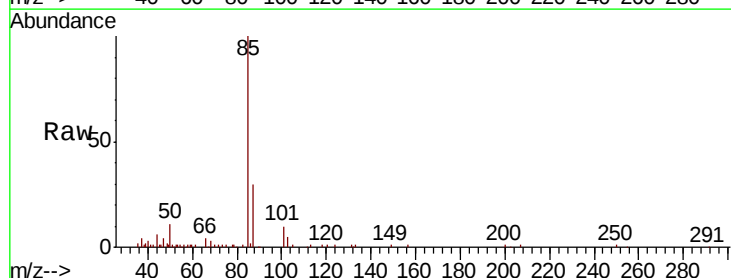
Acq: 18 Jan 2019 19:15

Tgt Ion: 85 Resp: 43697

Ion Ratio Lower Upper

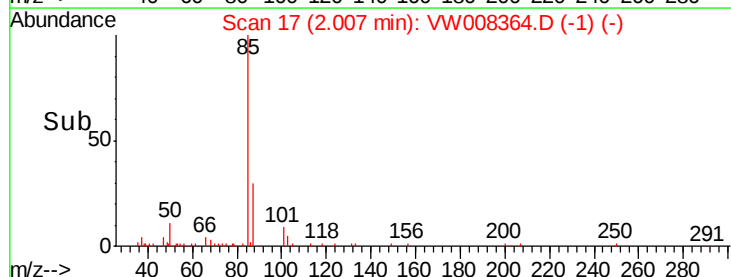
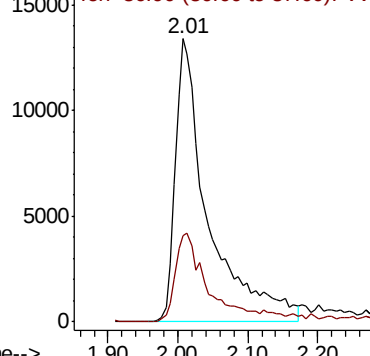
85 100

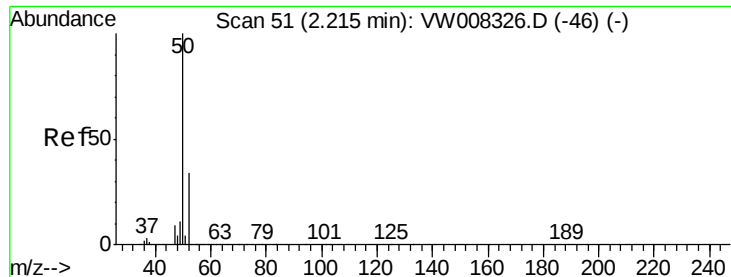
87 30.4 16.9 50.6



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#3

Chloromethane

Concen: 49.445 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.00 min

Lab File: VW008364.D

Acq: 18 Jan 2019 19:15

Instrument :

MSVOA_W

ClientSampleId :

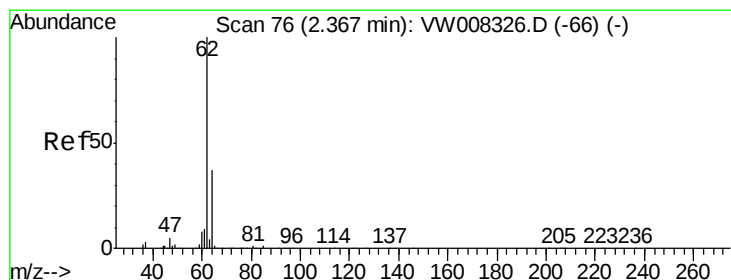
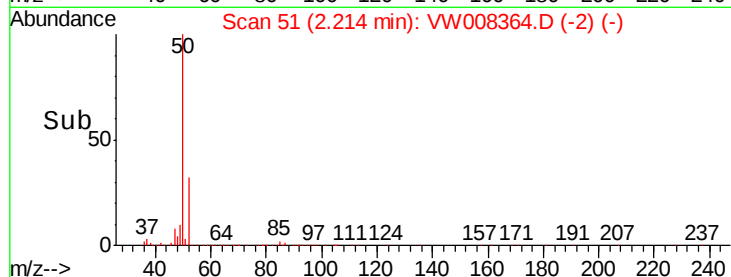
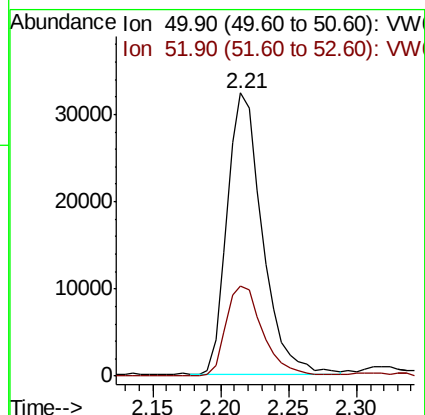
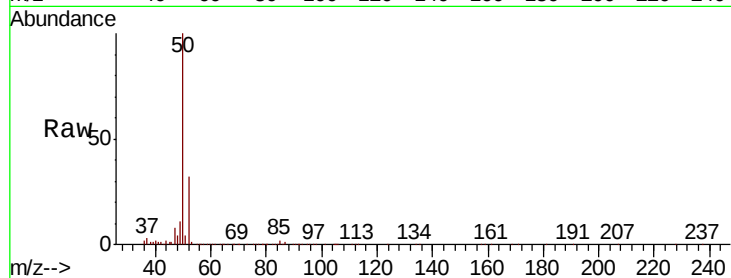
VSTDCCC050EC

Tgt Ion: 50 Resp: 58486

Ion Ratio Lower Upper

50 100

52 31.8 26.7 40.1



#4

Vinyl Chloride

Concen: 52.437 ug/l

RT: 2.37 min Scan# 76

Delta R.T. -0.00 min

Lab File: VW008364.D

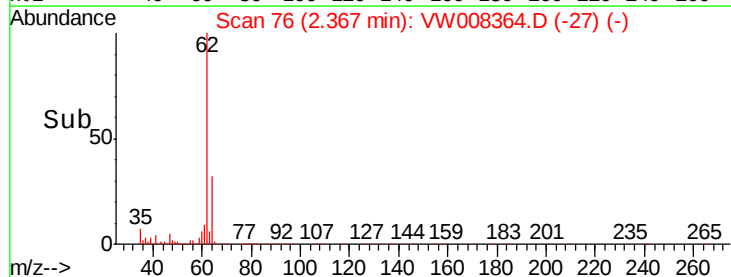
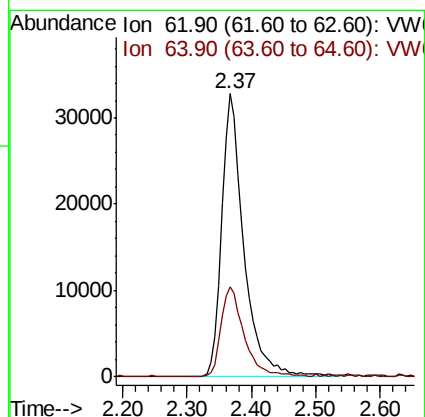
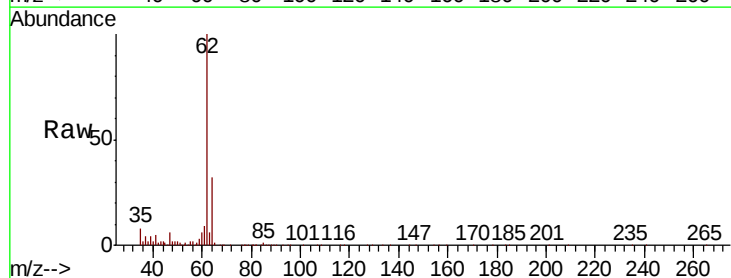
Acq: 18 Jan 2019 19:15

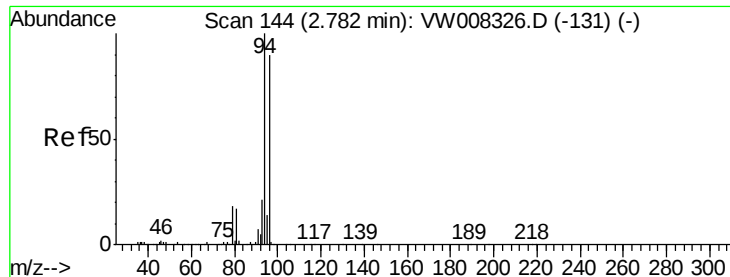
Tgt Ion: 62 Resp: 79251

Ion Ratio Lower Upper

62 100

64 32.1 29.4 44.2





#5

Bromomethane

Concen: 51.553 ug/l

RT: 2.78 min Scan# 144

Delta R.T. -0.00 min

Lab File: VW008364.D

Acq: 18 Jan 2019 19:15

Instrument :

MSVOA_W

ClientSampleId :

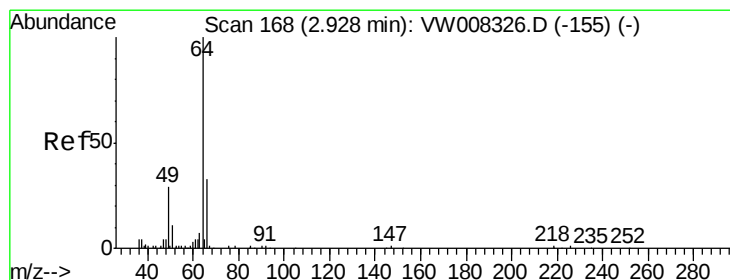
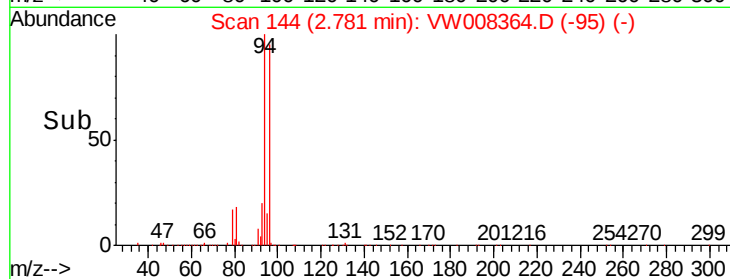
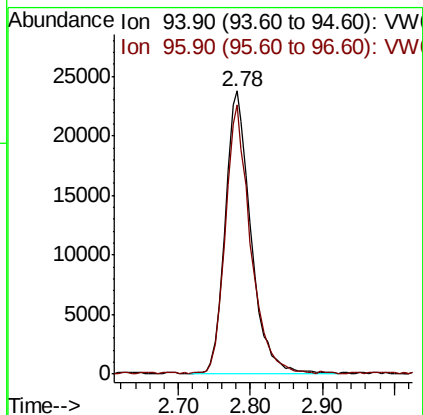
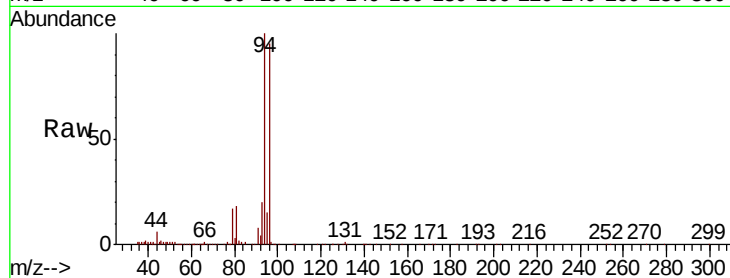
VSTDCCC050EC

Tgt Ion: 94 Resp: 59047

Ion Ratio Lower Upper

94 100

96 95.0 71.4 107.0



#6

Chloroethane

Concen: 54.221 ug/l

RT: 2.93 min Scan# 168

Delta R.T. -0.00 min

Lab File: VW008364.D

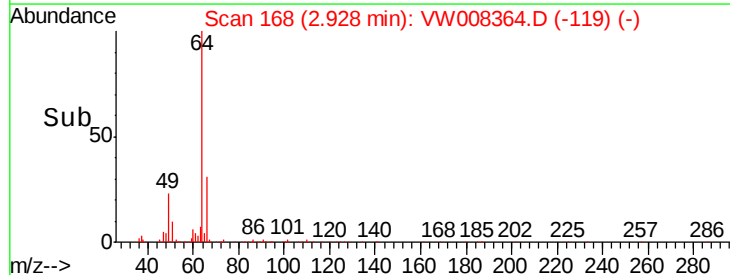
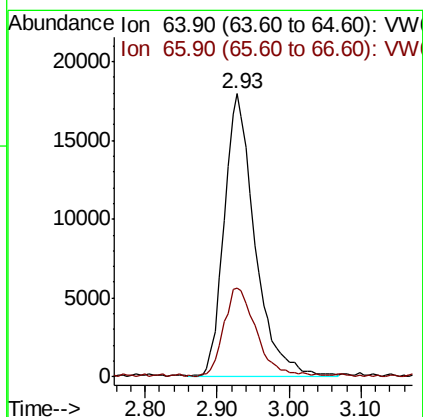
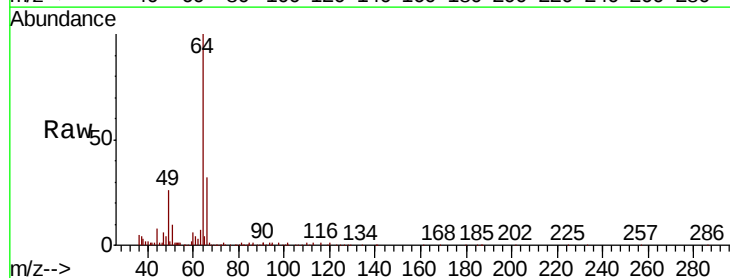
Acq: 18 Jan 2019 19:15

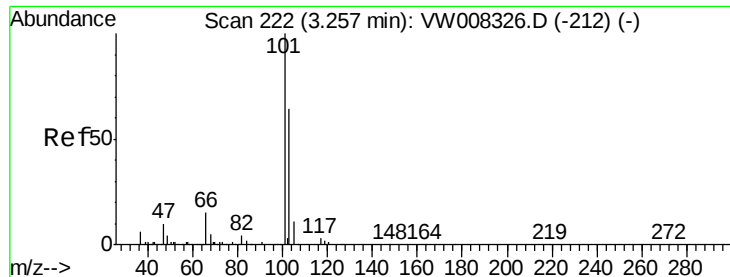
Tgt Ion: 64 Resp: 53638

Ion Ratio Lower Upper

64 100

66 30.9 26.2 39.4



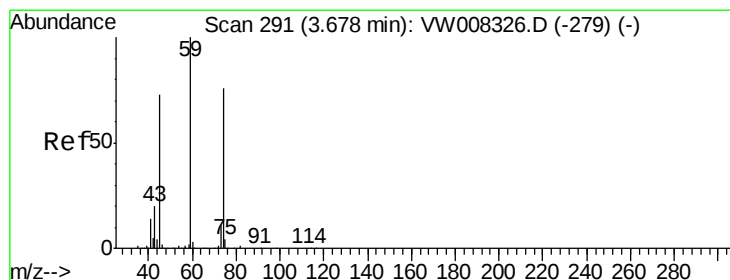
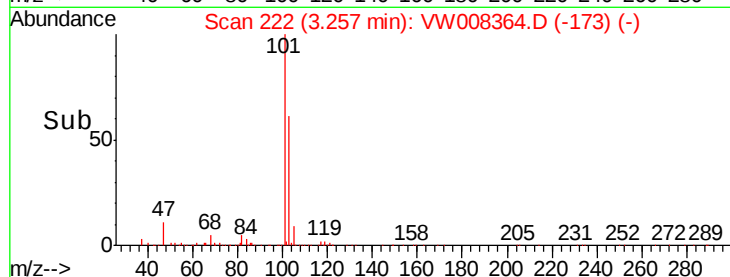
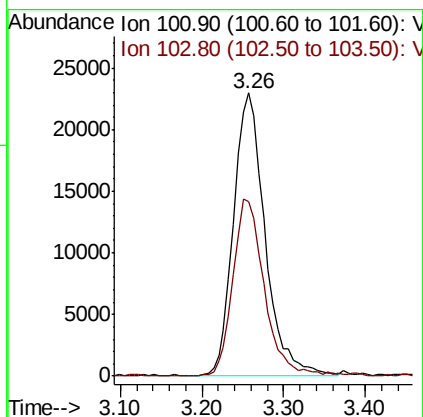
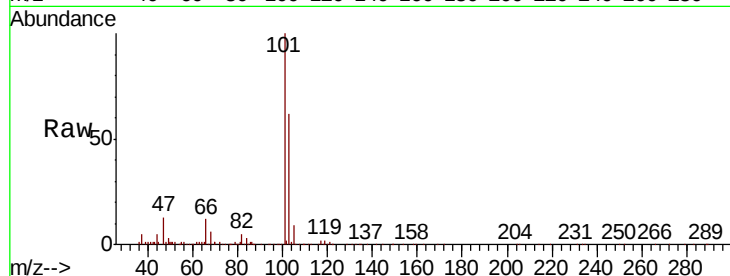


#7

Trichlorofluoromethane
 Concen: 55.396 ug/l
 RT: 3.26 min Scan# 222
 Delta R.T. -0.00 min
 Lab File: VW008364.D
 Acq: 18 Jan 2019 19:15

Instrument :
 MSVOA_W
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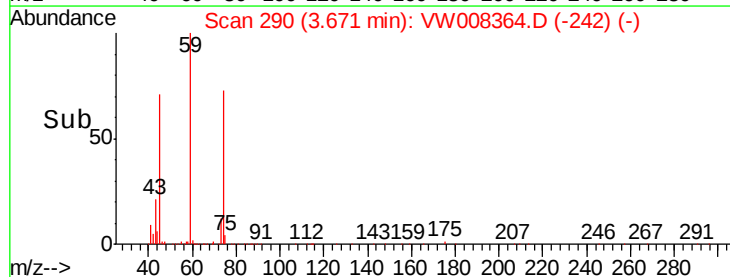
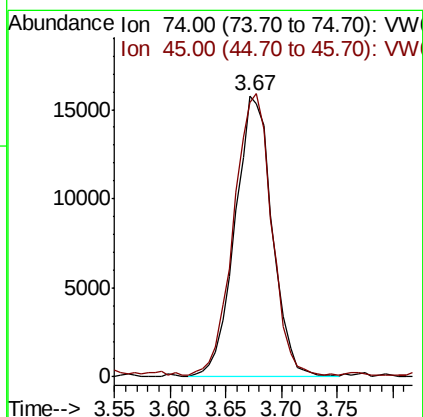
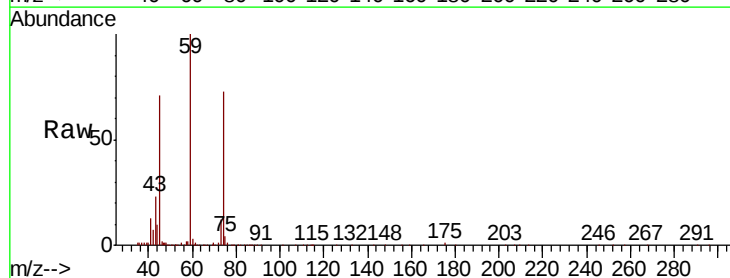
Tgt Ion:101 Resp: 61474
 Ion Ratio Lower Upper
 101 100
 103 61.5 50.9 76.3

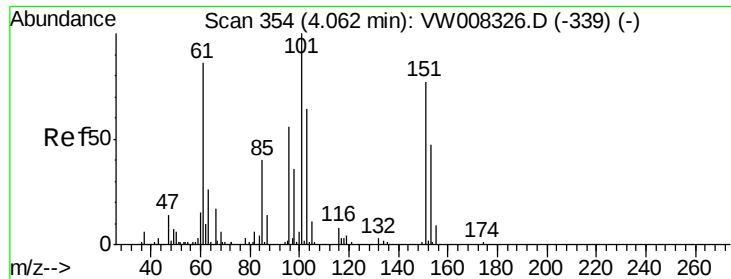


#8

Diethyl Ether
 Concen: 47.492 ug/l
 RT: 3.67 min Scan# 290
 Delta R.T. -0.01 min
 Lab File: VW008364.D
 Acq: 18 Jan 2019 19:15

Tgt Ion: 74 Resp: 36546
 Ion Ratio Lower Upper
 74 100
 45 101.2 50.1 150.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 51.067 ug/l

RT: 4.05 min Scan# 352

Delta R.T. -0.01 min

Lab File: VW008364.D

Acq: 18 Jan 2019 19:15

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

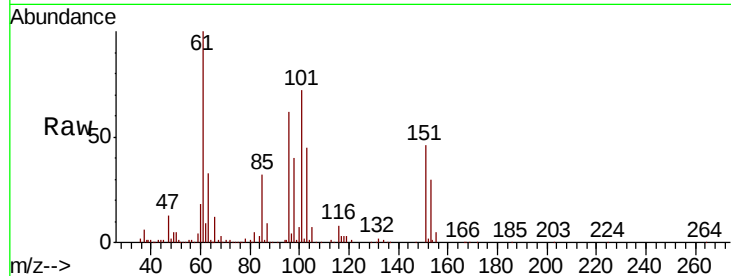
Tgt Ion:101 Resp: 65977

Ion Ratio Lower Upper

101 100

85 44.2 36.0 54.0

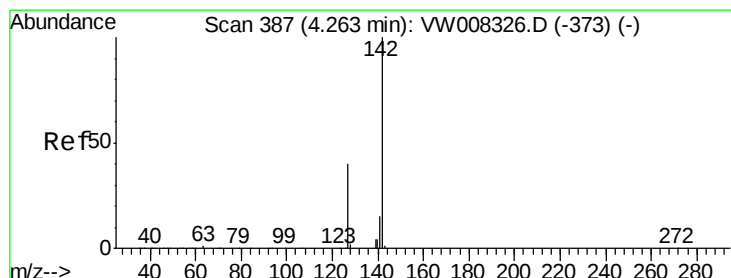
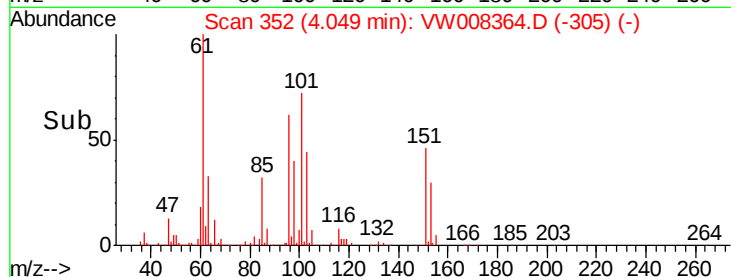
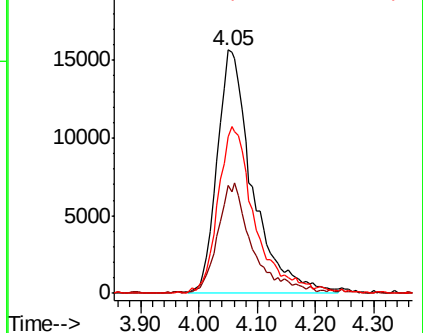
151 70.6 62.3 93.5



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 47.269 ug/l

RT: 4.27 min Scan# 388

Delta R.T. 0.01 min

Lab File: VW008364.D

Acq: 18 Jan 2019 19:15

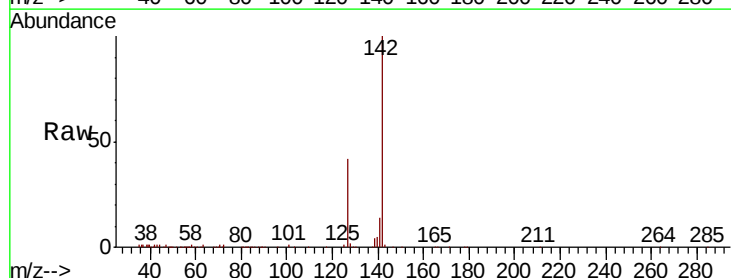
Tgt Ion:142 Resp: 98494

Ion Ratio Lower Upper

142 100

127 44.0 34.3 51.5

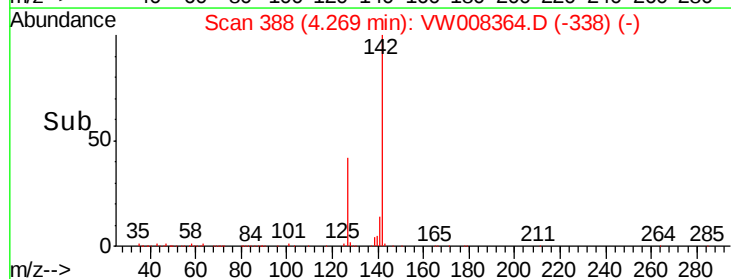
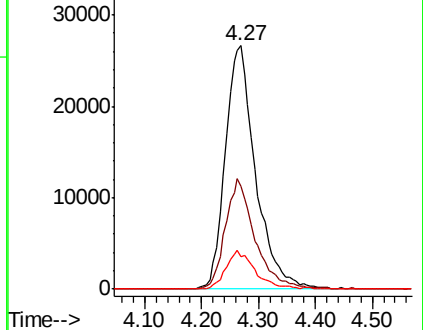
141 15.4 12.2 18.2

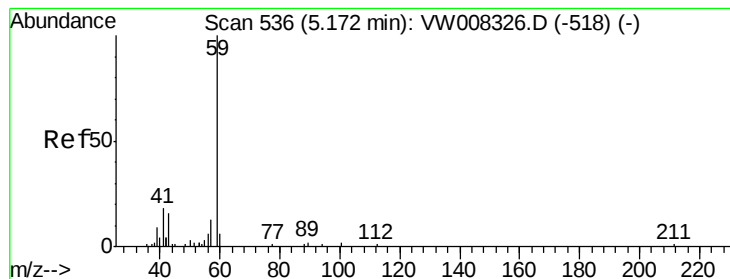


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 231.935 ug/l

RT: 5.17 min Scan# 535

Delta R.T. -0.01 min

Lab File: VW008364.D

Acq: 18 Jan 2019 19:15

Instrument :

MSVOA_W

ClientSampleId :

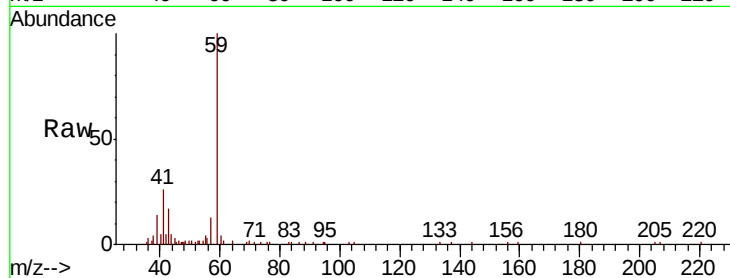
VSTDCCC050EC

Tgt Ion: 59 Resp: 20803

Ion Ratio Lower Upper

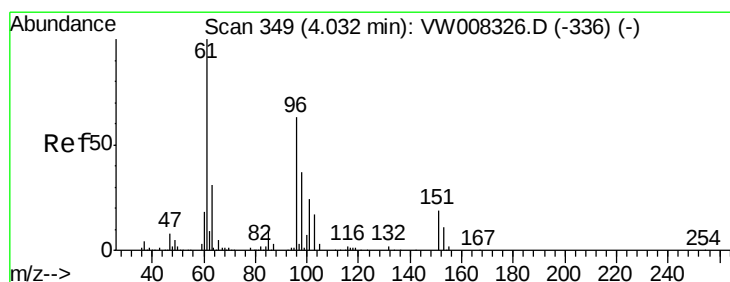
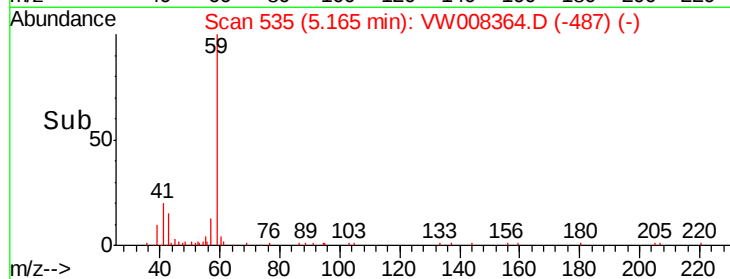
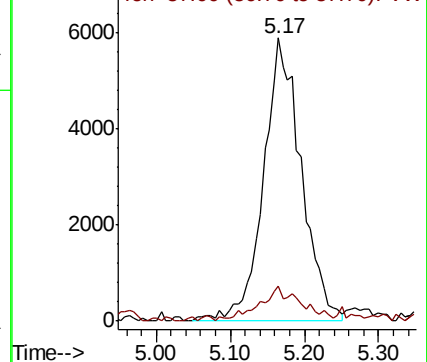
59 100

57 8.8 9.4 14.2#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW



#12

1,1-Dichloroethene

Concen: 48.994 ug/l

RT: 4.03 min Scan# 349

Delta R.T. -0.00 min

Lab File: VW008364.D

Acq: 18 Jan 2019 19:15

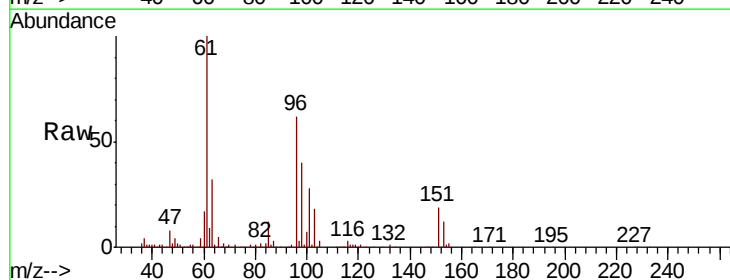
Tgt Ion: 96 Resp: 64379

Ion Ratio Lower Upper

96 100

61 160.3 126.4 189.6

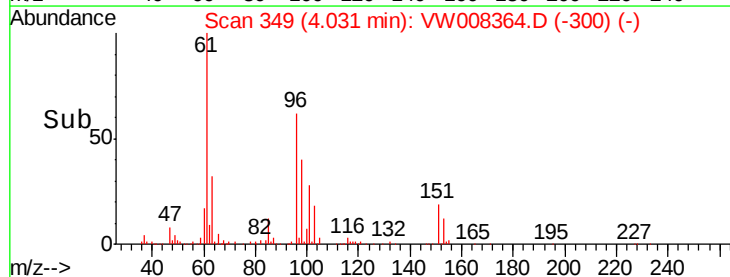
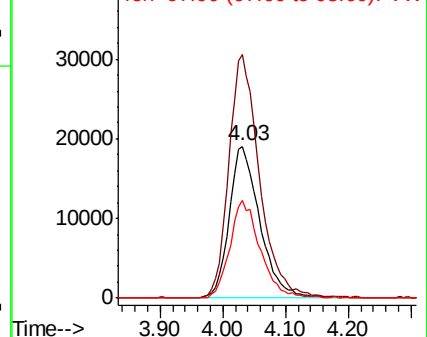
98 64.5 46.7 70.1

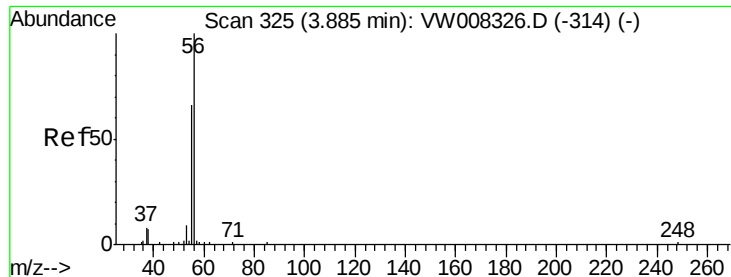


Abundance Ion 95.90 (95.60 to 96.60): VW

Ion 60.90 (60.60 to 61.60): VW

Ion 97.90 (97.60 to 98.60): VW





#13

Acrolein

Concen: 259.679 ug/l

RT: 3.89 min Scan# 326

Delta R.T. 0.01 min

Lab File: VW008364.D

Acq: 18 Jan 2019 19:15

Instrument :

MSVOA_W

ClientSampleId :

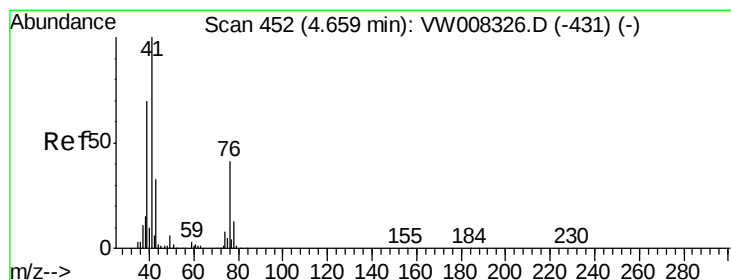
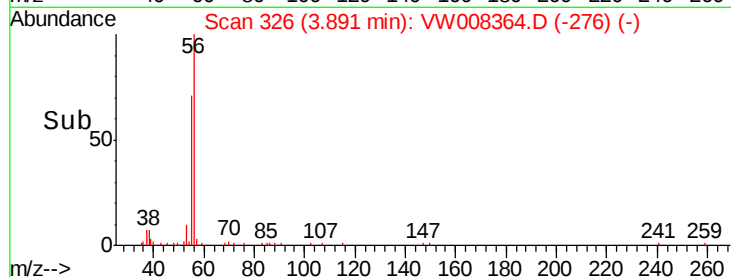
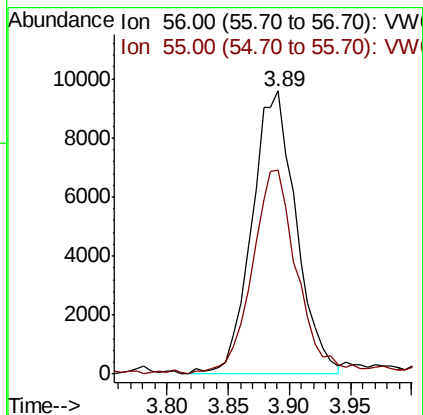
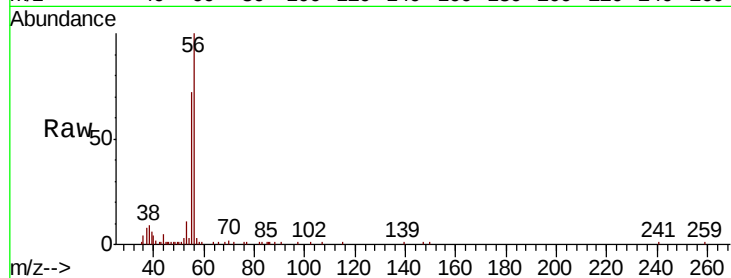
VSTDCCC050EC

Tgt Ion: 56 Resp: 24149

Ion Ratio Lower Upper

56 100

55 73.7 52.9 79.3



#14

Allyl chloride

Concen: 50.636 ug/l

RT: 4.66 min Scan# 452

Delta R.T. -0.00 min

Lab File: VW008364.D

Acq: 18 Jan 2019 19:15

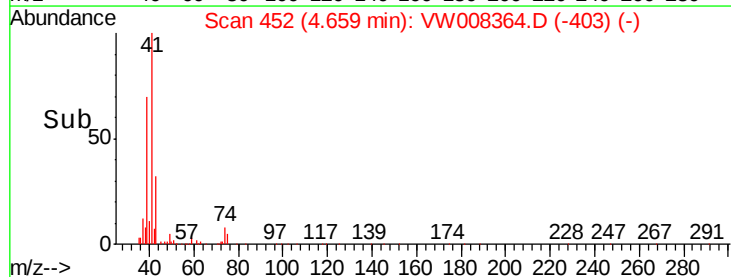
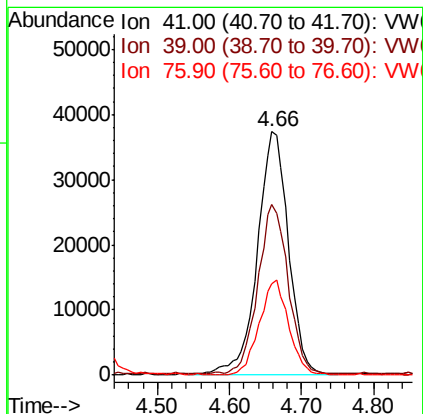
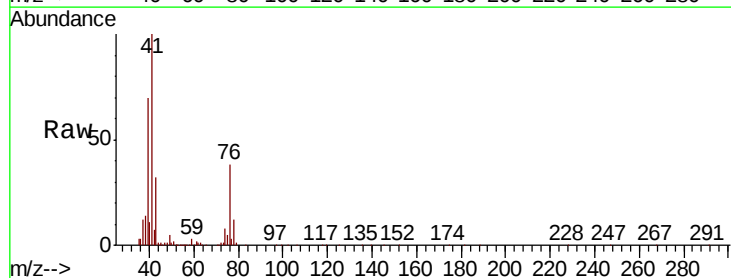
Tgt Ion: 41 Resp: 111233

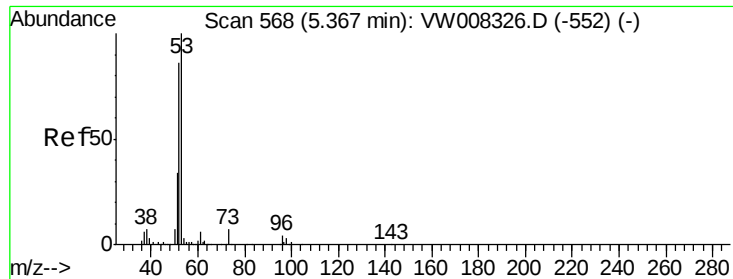
Ion Ratio Lower Upper

41 100

39 68.1 54.1 81.1

76 37.2 29.5 44.3





#15

Acrylonitrile

Concen: 249.697 ug/l

RT: 5.37 min Scan# 568

Delta R.T. -0.00 min

Lab File: VW008364.D

Acq: 18 Jan 2019 19:15

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

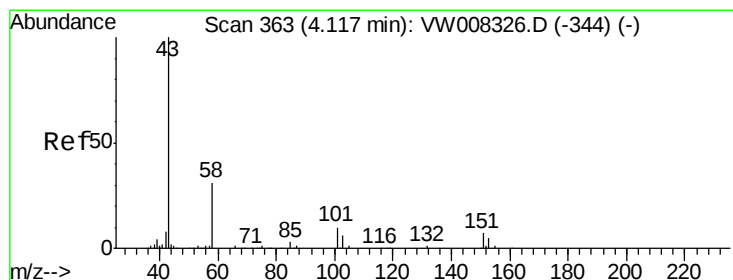
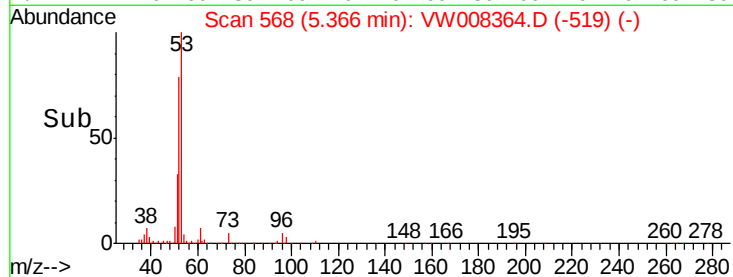
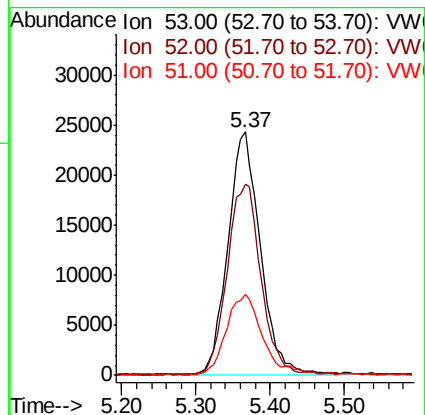
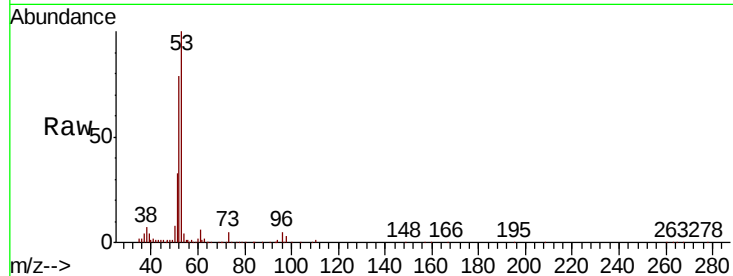
Tgt Ion: 53 Resp: 73810

Ion Ratio Lower Upper

53 100

52 81.4 66.4 99.6

51 36.6 29.6 44.4



#16

Acetone

Concen: 209.296 ug/l

RT: 4.12 min Scan# 363

Delta R.T. -0.00 min

Lab File: VW008364.D

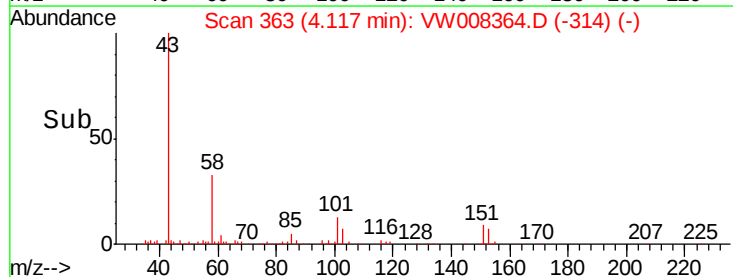
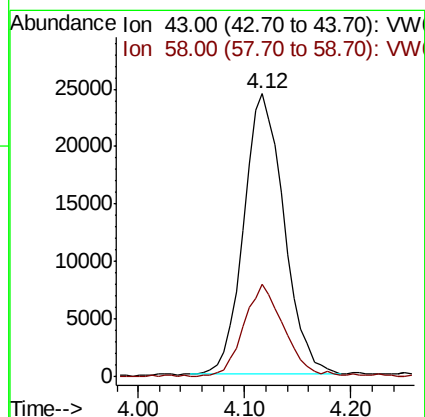
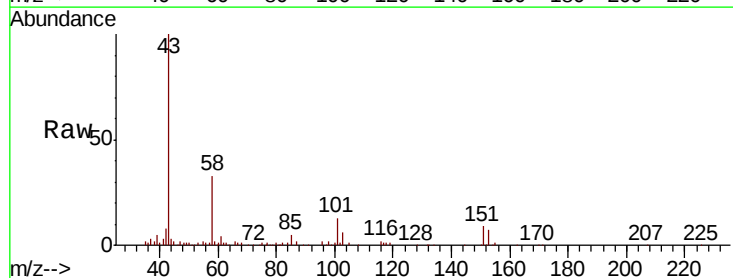
Acq: 18 Jan 2019 19:15

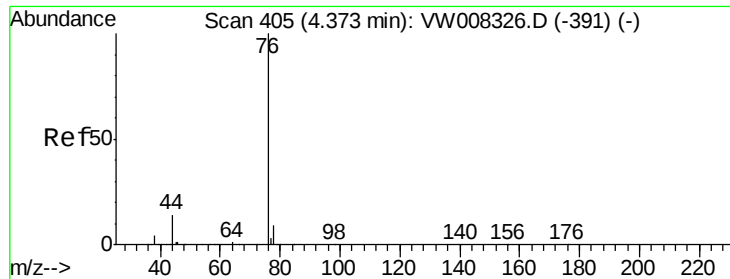
Tgt Ion: 43 Resp: 64750

Ion Ratio Lower Upper

43 100

58 33.1 24.7 37.1

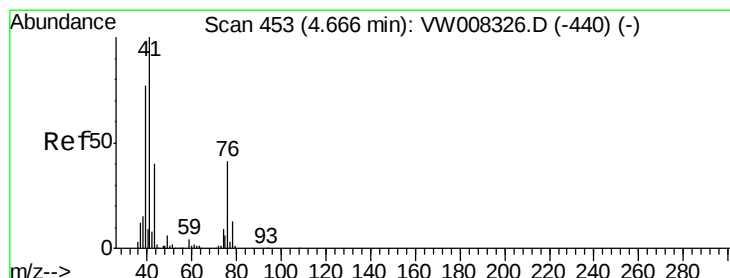
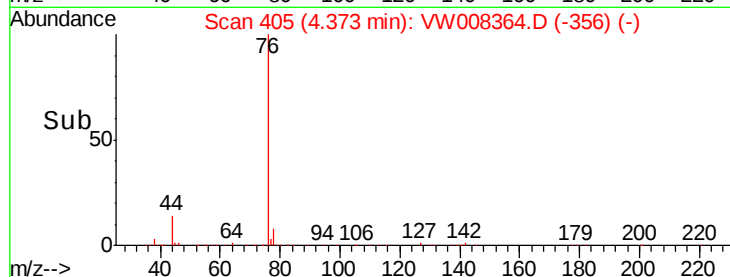
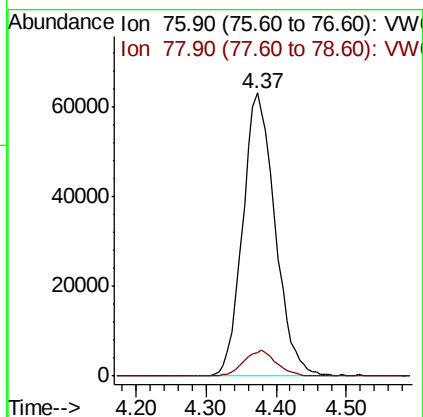
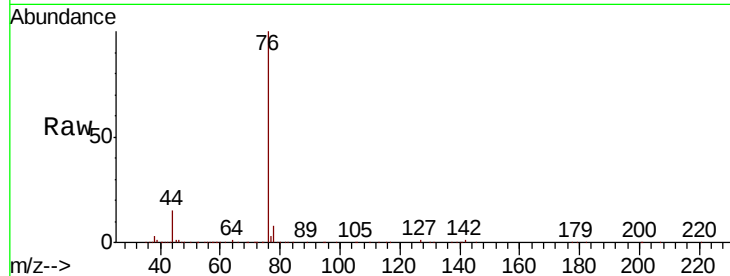




#17
Carbon Disulfide
Concen: 50.780 ug/l
RT: 4.37 min Scan# 405
Delta R.T. -0.00 min
Lab File: VW008364.D
Acq: 18 Jan 2019 19:15

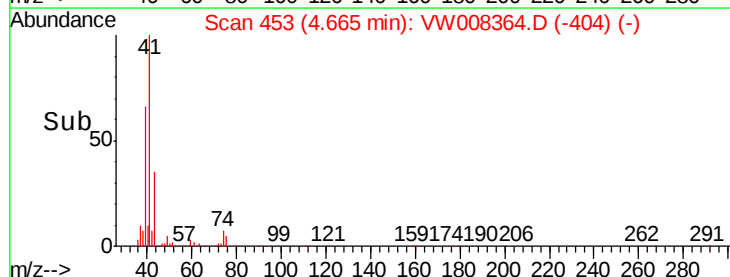
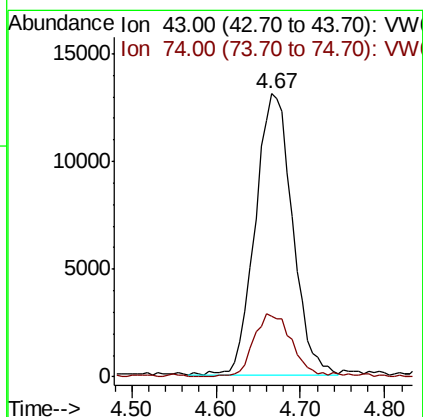
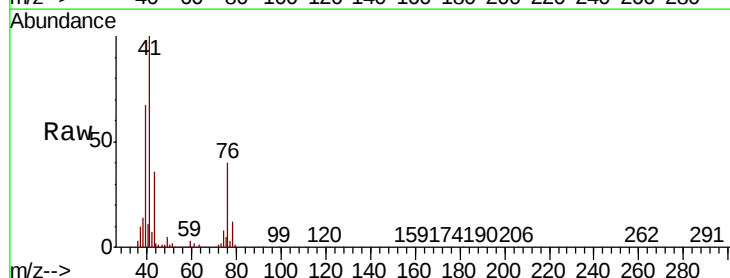
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

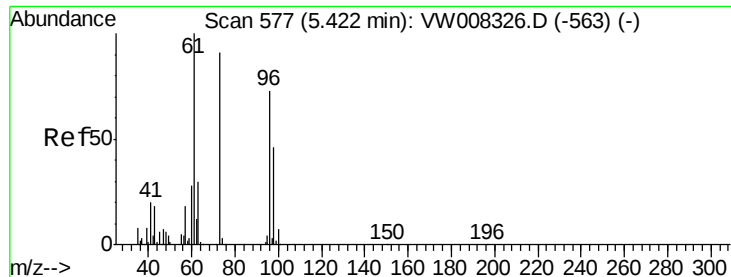
Tgt Ion: 76 Resp: 203039
Ion Ratio Lower Upper
76 100
78 8.4 7.0 10.4



#18
Methyl Acetate
Concen: 47.914 ug/l
RT: 4.67 min Scan# 453
Delta R.T. -0.00 min
Lab File: VW008364.D
Acq: 18 Jan 2019 19:15

Tgt Ion: 43 Resp: 39596
Ion Ratio Lower Upper
43 100
74 23.8 19.4 29.0





#19

Methyl tert-butyl Ether

Concen: 50.260 ug/l

RT: 5.43 min Scan# 578

Delta R.T. 0.01 min

Lab File: VW008364.D

Acq: 18 Jan 2019 19:15

Instrument :

MSVOA_W

ClientSampleId :

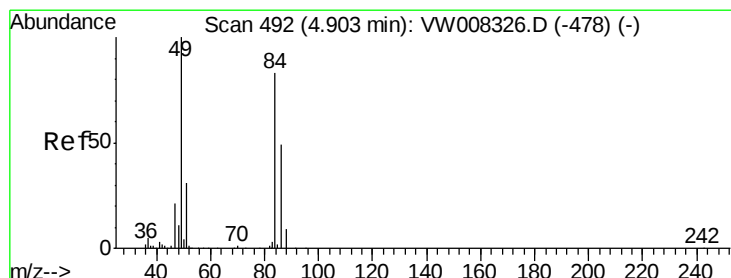
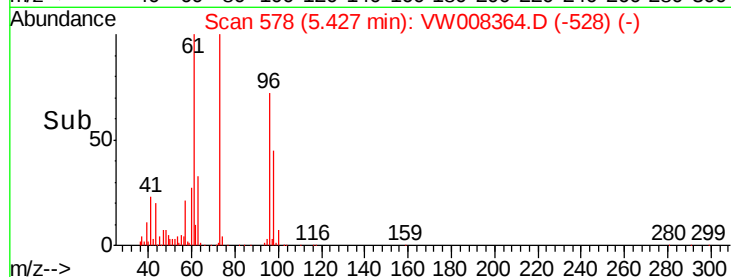
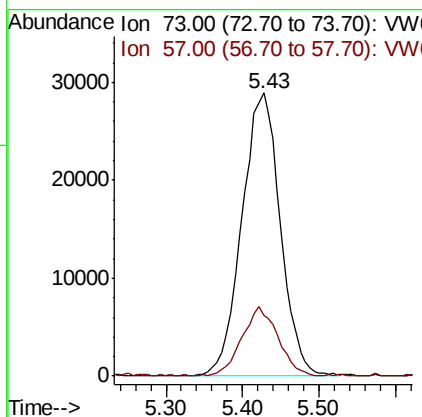
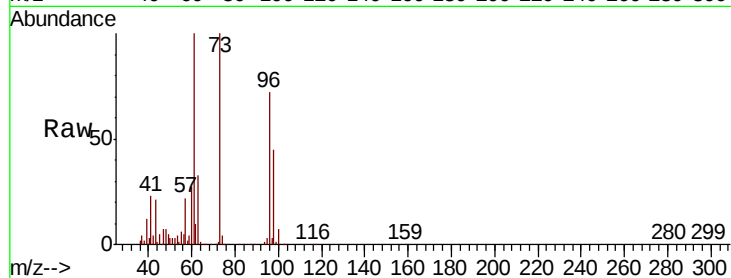
VSTDCCC050EC

Tgt Ion: 73 Resp: 101097

Ion Ratio Lower Upper

73 100

57 21.3 16.3 24.5



#20

Methylene Chloride

Concen: 49.740 ug/l

RT: 4.91 min Scan# 493

Delta R.T. 0.01 min

Lab File: VW008364.D

Acq: 18 Jan 2019 19:15

Tgt Ion: 84 Resp: 71426

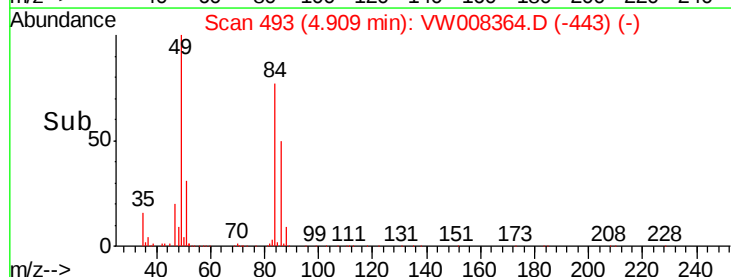
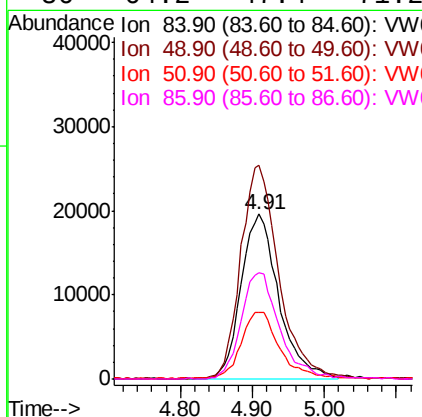
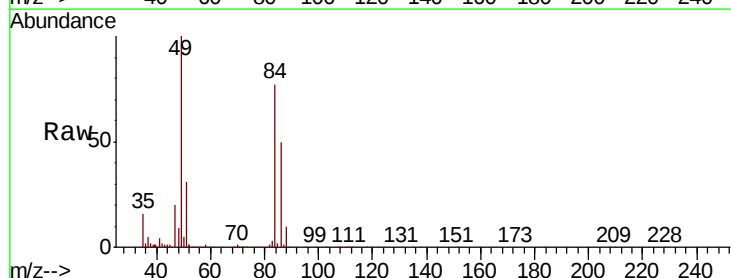
Ion Ratio Lower Upper

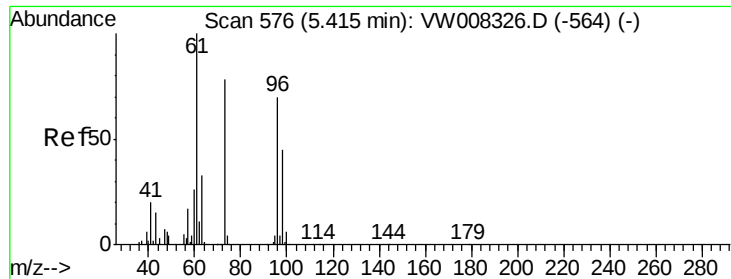
84 100

49 128.8 95.9 143.9

51 40.3 29.3 43.9

86 64.2 47.4 71.2

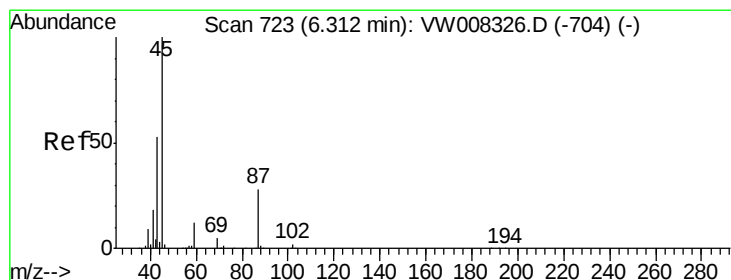
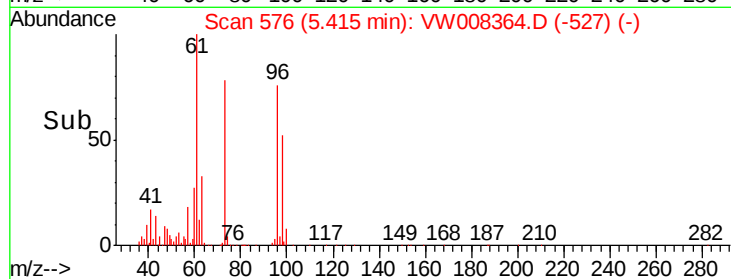
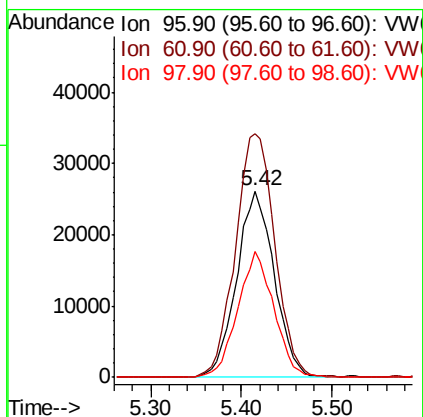
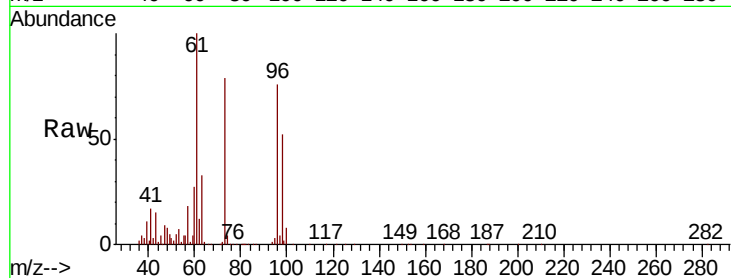




#21
trans-1,2-Dichloroethene
Concen: 50.970 ug/l
RT: 5.42 min Scan# 576
Delta R.T. -0.00 min
Lab File: VW008364.D
Acq: 18 Jan 2019 19:15

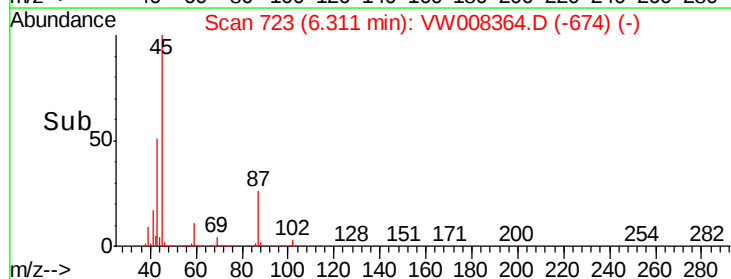
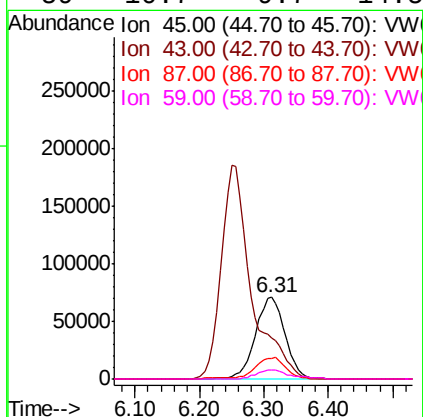
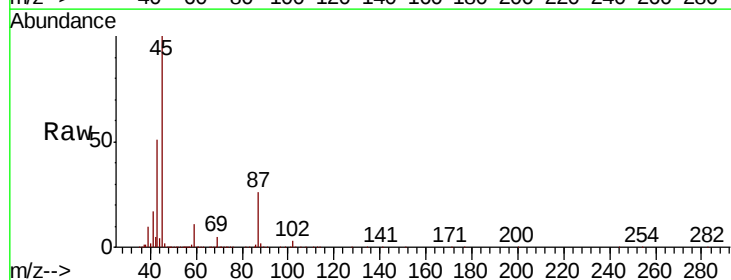
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

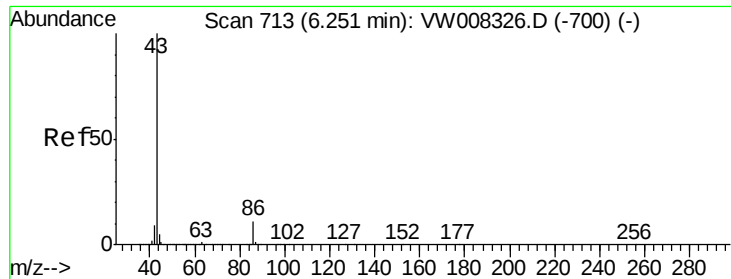
Tgt Ion: 96 Resp: 75224
Ion Ratio Lower Upper
96 100
61 130.3 114.5 171.7
98 67.5 52.0 78.0



#22
Diisopropyl ether
Concen: 52.411 ug/l
RT: 6.31 min Scan# 723
Delta R.T. -0.00 min
Lab File: VW008364.D
Acq: 18 Jan 2019 19:15

Tgt Ion: 45 Resp: 224777
Ion Ratio Lower Upper
45 100
43 50.5 42.5 63.7
87 25.8 22.2 33.2
59 10.7 9.7 14.5





#23

Vinyl Acetate

Concen: 267.306 ug/l

RT: 6.25 min Scan# 713

Delta R.T. -0.00 min

Lab File: VW008364.D

Acq: 18 Jan 2019 19:15

Instrument :

MSVOA_W

ClientSampleId :

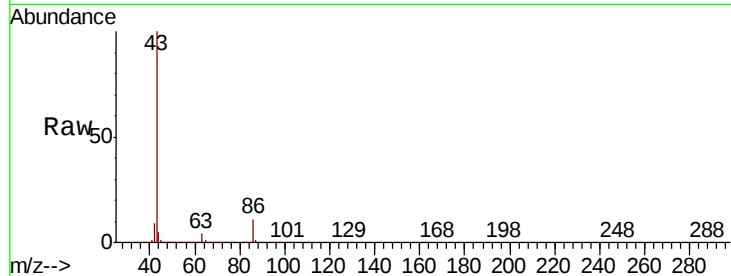
VSTDCCC050EC

Tgt Ion: 43 Resp: 612805

Ion Ratio Lower Upper

43 100

86 10.5 8.6 13.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW

6.25

200000

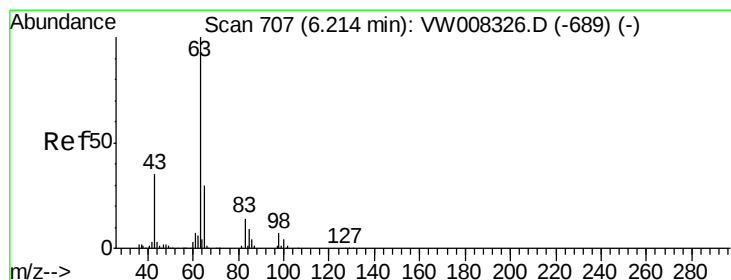
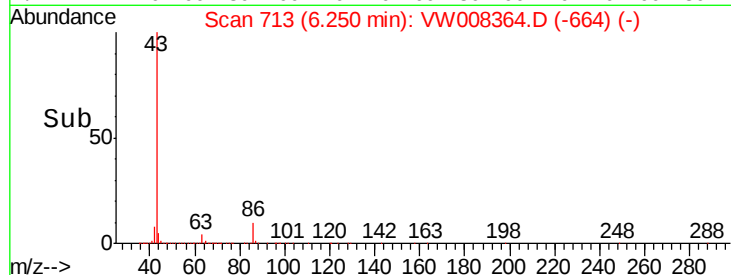
150000

100000

50000

0

Time--> 6.10 6.20 6.30 6.40



#24

1,1-Dichloroethane

Concen: 50.721 ug/l

RT: 6.21 min Scan# 706

Delta R.T. -0.01 min

Lab File: VW008364.D

Acq: 18 Jan 2019 19:15

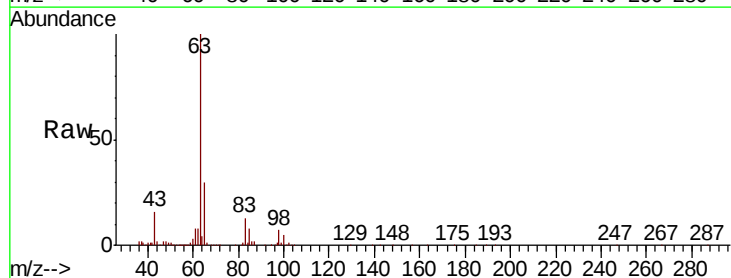
Tgt Ion: 63 Resp: 132448

Ion Ratio Lower Upper

63 100

98 7.3 3.5 10.6

100 5.2 2.1 6.3



Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW

60000

50000

40000

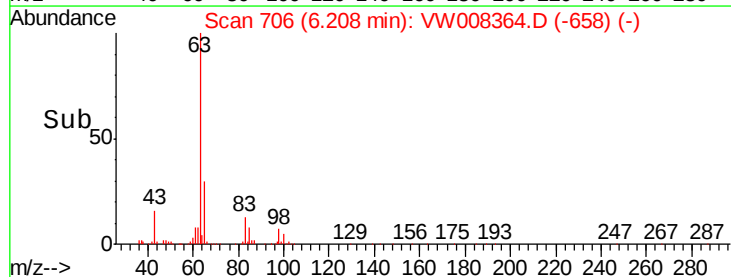
30000

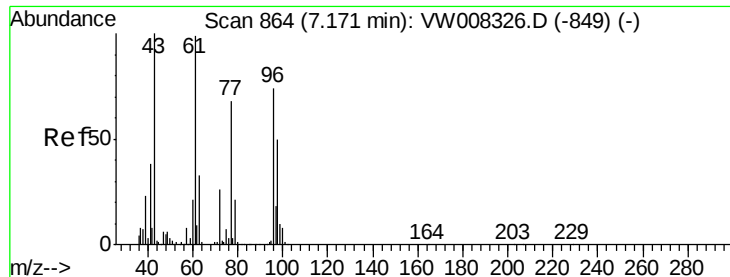
20000

10000

0

Time--> 6.10 6.20 6.30





#25

2-Butanone

Concen: 247.259 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.00 min

Lab File: VW008364.D

Acq: 18 Jan 2019 19:15

Instrument :

MSVOA_W

ClientSampleId :

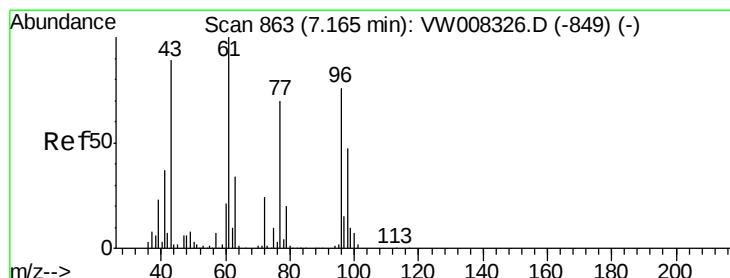
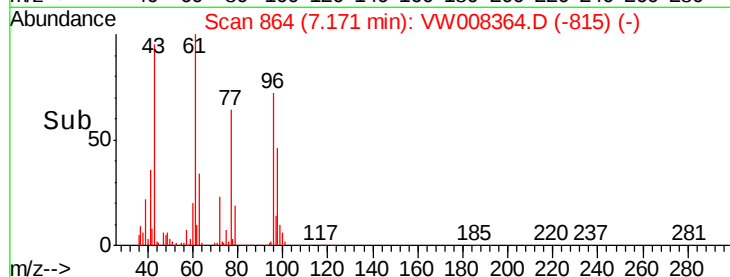
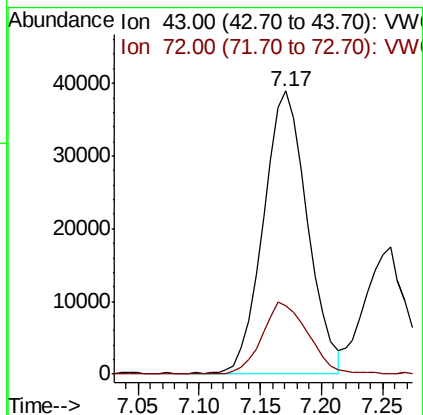
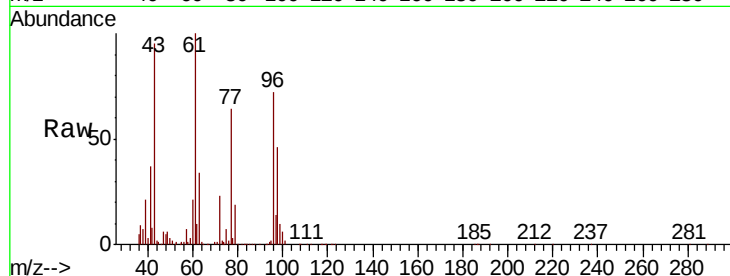
VSTDCCC050EC

Tgt Ion: 43 Resp: 97975

Ion Ratio Lower Upper

43 100

72 24.0 21.2 31.8



#26

2,2-Dichloropropane

Concen: 47.633 ug/l

RT: 7.16 min Scan# 862

Delta R.T. -0.01 min

Lab File: VW008364.D

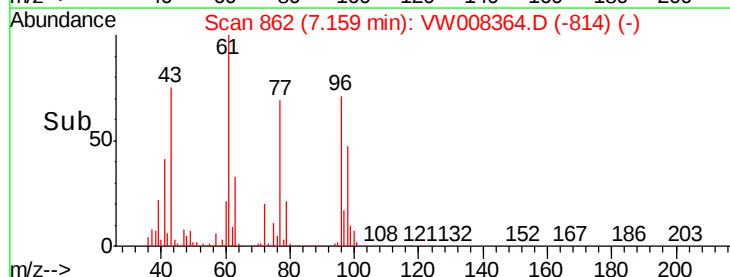
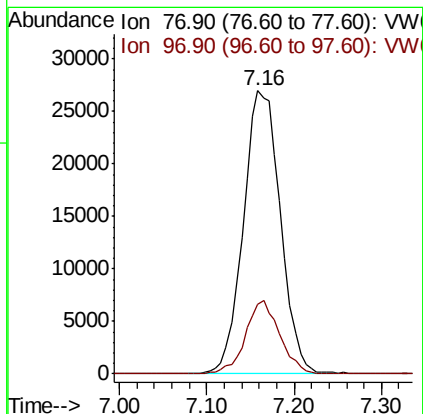
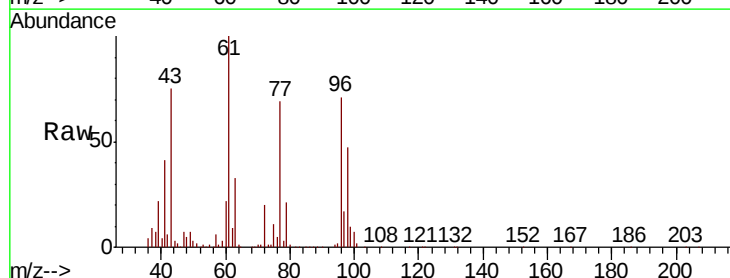
Acq: 18 Jan 2019 19:15

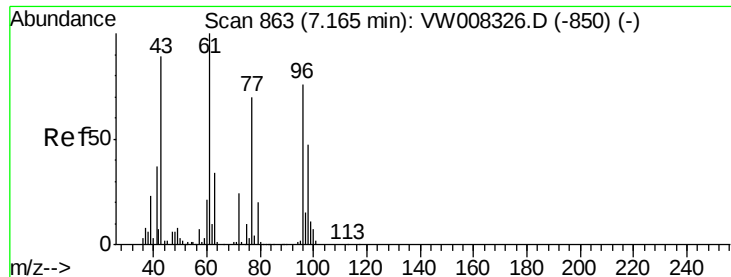
Tgt Ion: 77 Resp: 79378

Ion Ratio Lower Upper

77 100

97 23.8 11.7 35.1



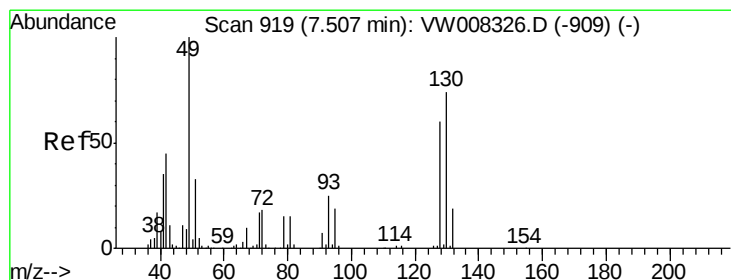
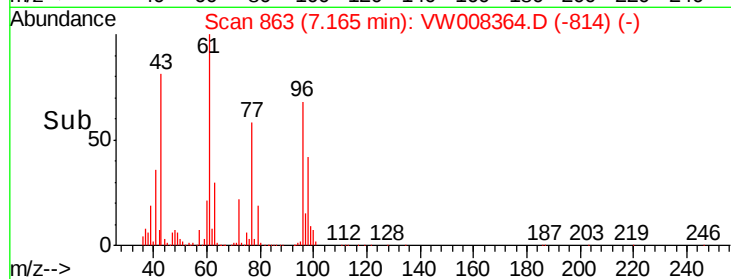
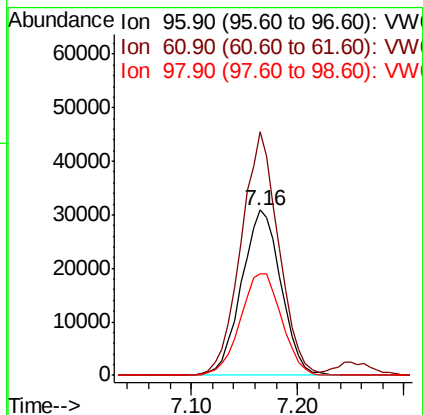
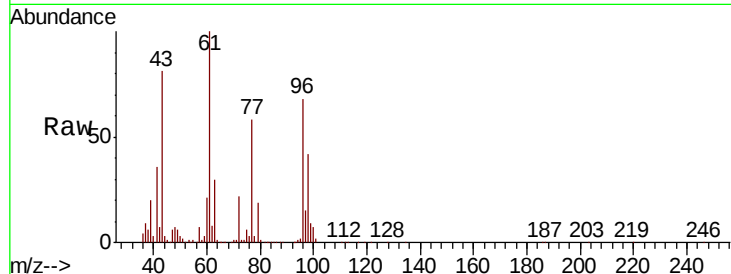


#27

cis-1,2-Dichloroethene
Concen: 50.356 ug/l
RT: 7.16 min Scan# 863
Delta R.T. -0.00 min
Lab File: VW008364.D
Acq: 18 Jan 2019 19:15

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

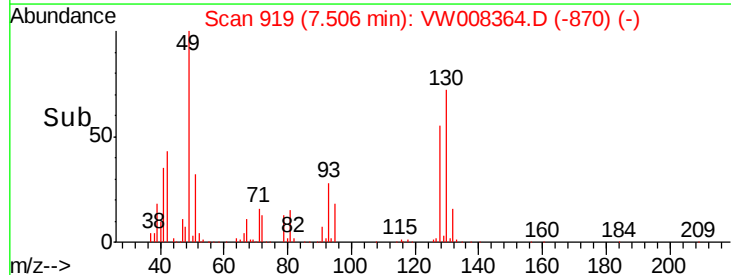
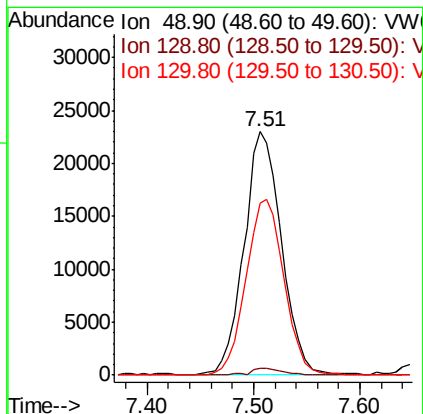
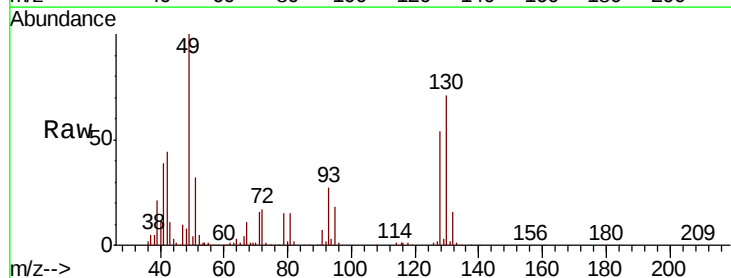
Tgt Ion: 96 Resp: 80518
Ion Ratio Lower Upper
96 100
61 139.3 0.0 272.2
98 64.4 0.0 129.4

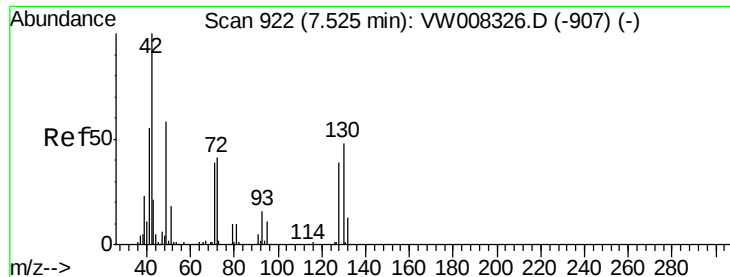


#28

Bromochloromethane
Concen: 52.810 ug/l
RT: 7.51 min Scan# 919
Delta R.T. -0.00 min
Lab File: VW008364.D
Acq: 18 Jan 2019 19:15

Tgt Ion: 49 Resp: 56816
Ion Ratio Lower Upper
49 100
129 2.4 0.0 2.6
130 73.2 0.0 0.0#





#29

Tetrahydrofuran

Concen: 251.801 ug/l

RT: 7.53 min Scan# 923

Delta R.T. 0.01 min

Lab File: VW008364.D

Acq: 18 Jan 2019 19:15

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

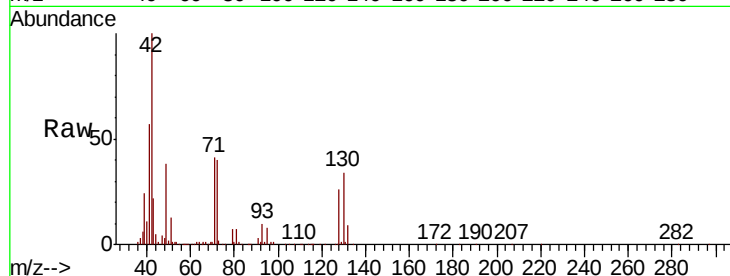
Tgt Ion: 42 Resp: 62201

Ion Ratio Lower Upper

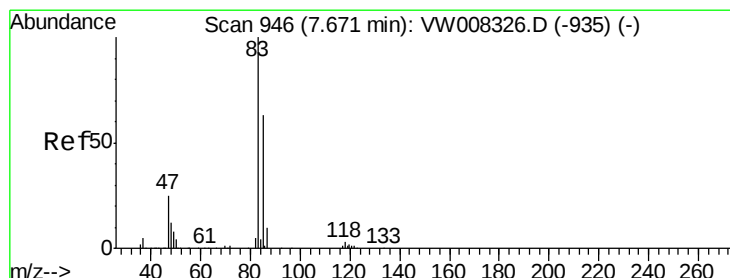
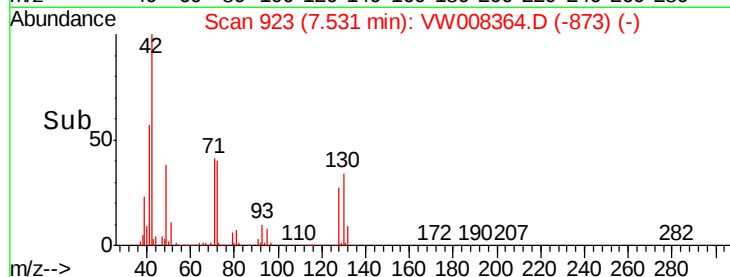
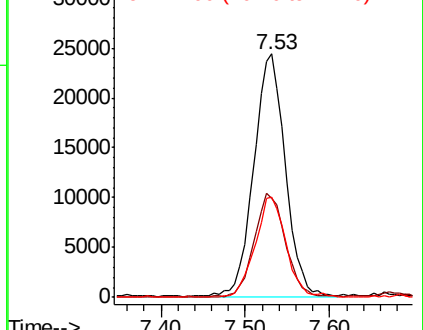
42 100

72 42.6 34.0 51.0

71 40.2 32.0 48.0



Abundance Ion 42.00 (41.70 to 42.70): VW
Ion 72.00 (71.70 to 72.70): VW
Ion 71.00 (70.70 to 71.70): VW



#30

Chloroform

Concen: 51.308 ug/l

RT: 7.67 min Scan# 946

Delta R.T. -0.00 min

Lab File: VW008364.D

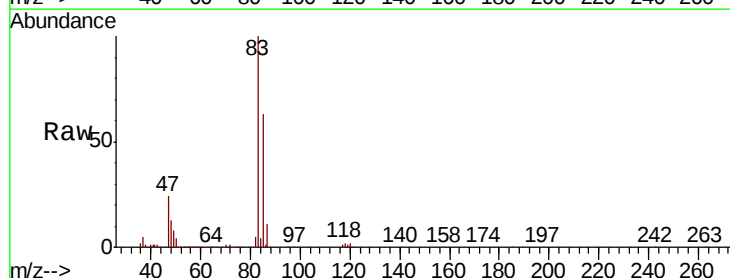
Acq: 18 Jan 2019 19:15

Tgt Ion: 83 Resp: 132564

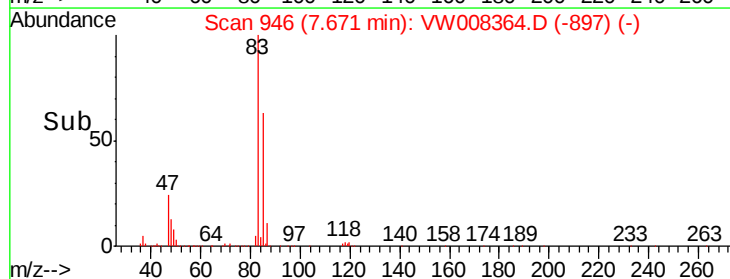
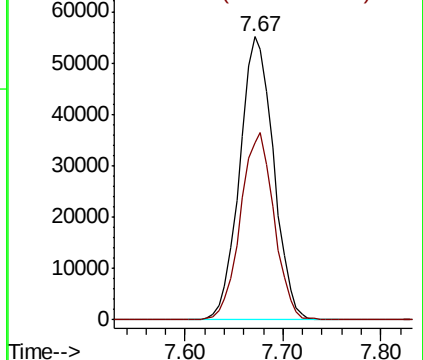
Ion Ratio Lower Upper

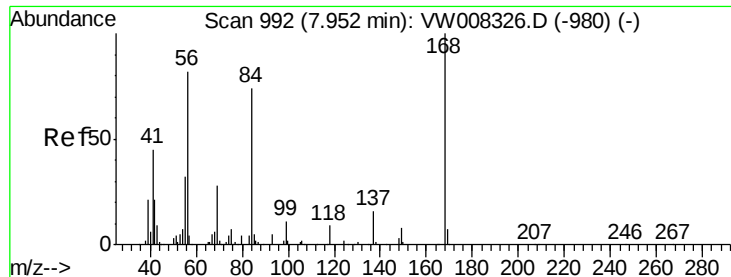
83 100

85 62.4 50.2 75.2



Abundance Ion 82.90 (82.60 to 83.60): VW
Ion 84.90 (84.60 to 85.60): VW

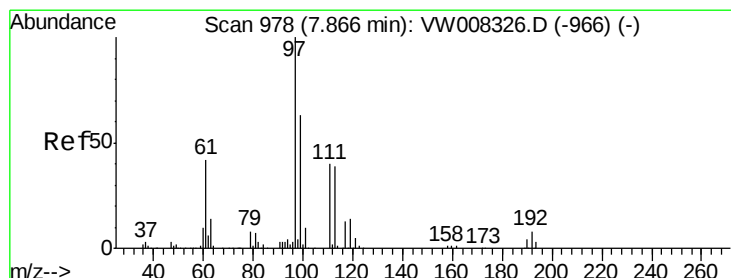
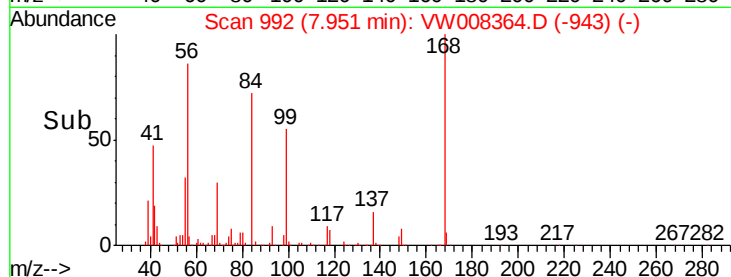
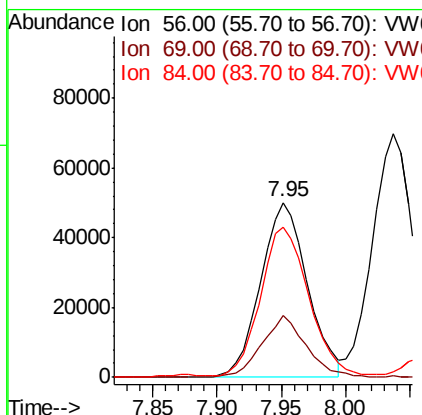
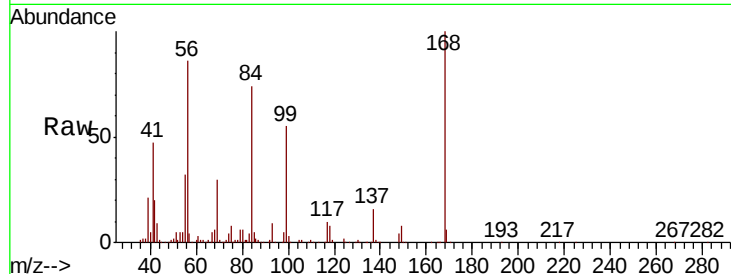




#31
Cyclohexane
Concen: 50.454 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.00 min
Lab File: VW008364.D
Acq: 18 Jan 2019 19:15

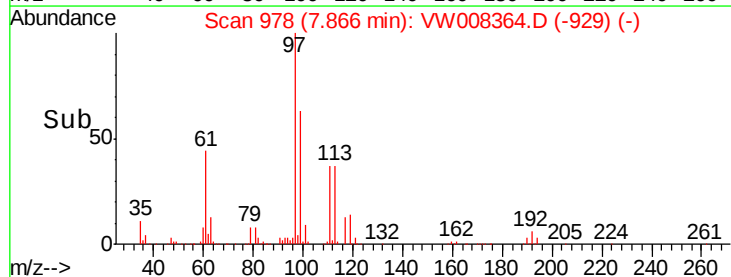
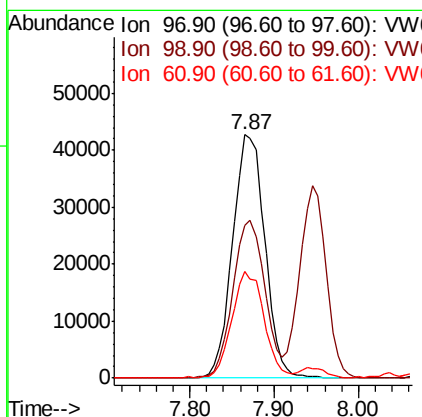
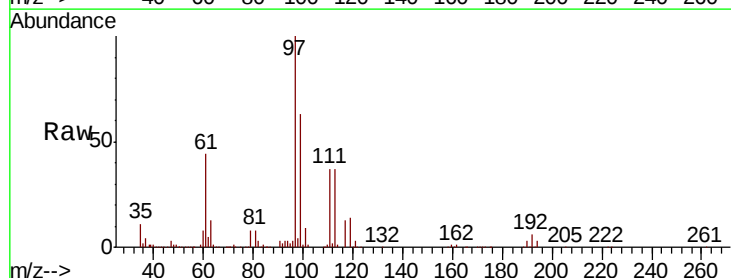
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

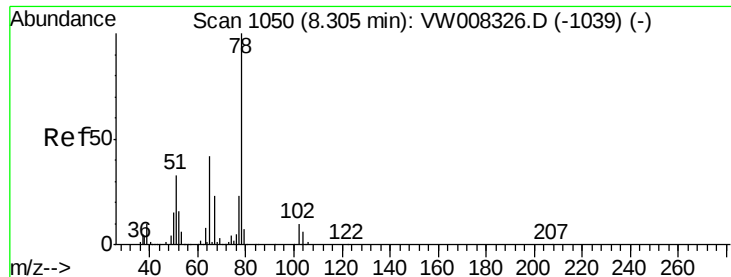
Tgt Ion: 56 Resp: 125531
Ion Ratio Lower Upper
56 100
69 35.1 27.0 40.6
84 84.5 72.5 108.7



#32
1,1,1-Trichloroethane
Concen: 50.994 ug/l
RT: 7.87 min Scan# 978
Delta R.T. -0.00 min
Lab File: VW008364.D
Acq: 18 Jan 2019 19:15

Tgt Ion: 97 Resp: 110574
Ion Ratio Lower Upper
97 100
99 64.6 51.1 76.7
61 43.2 34.0 51.0





#33

1,2-Dichloroethane-d4

Concen: 48.083 ug/l

RT: 8.30 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW008364.D

Acq: 18 Jan 2019 19:15

Instrument :

MSVOA_W

ClientSampleId :

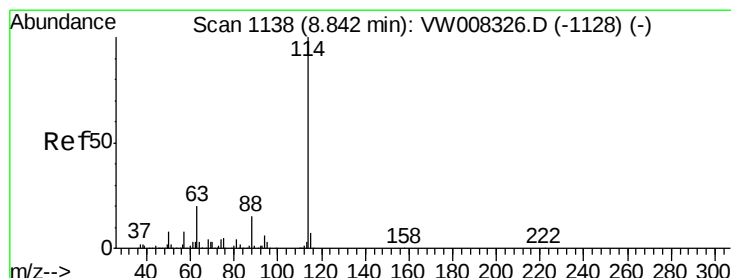
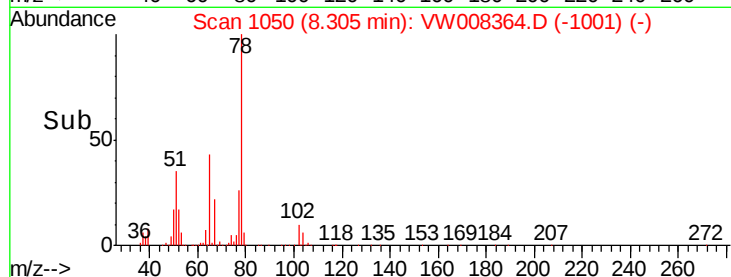
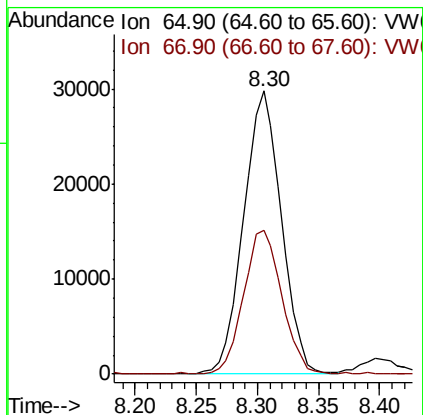
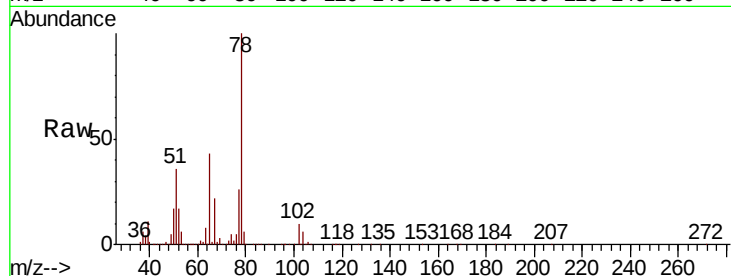
VSTDCCC050EC

Tgt Ion: 65 Resp: 64053

Ion Ratio Lower Upper

65 100

67 50.9 0.0 106.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. -0.00 min

Lab File: VW008364.D

Acq: 18 Jan 2019 19:15

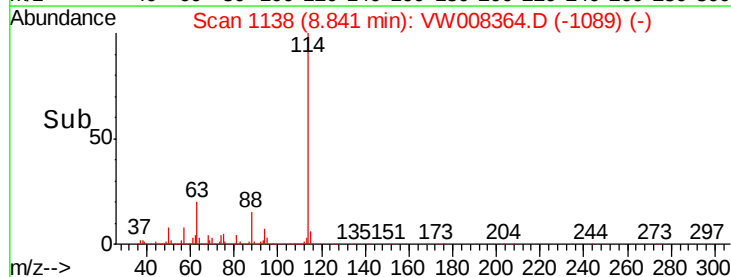
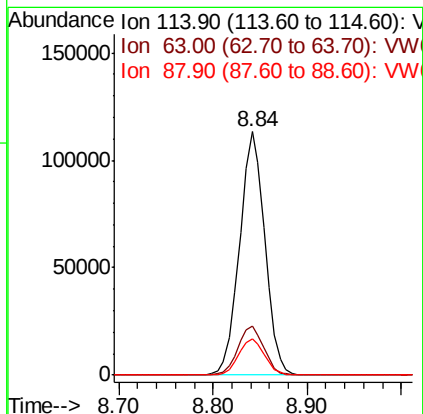
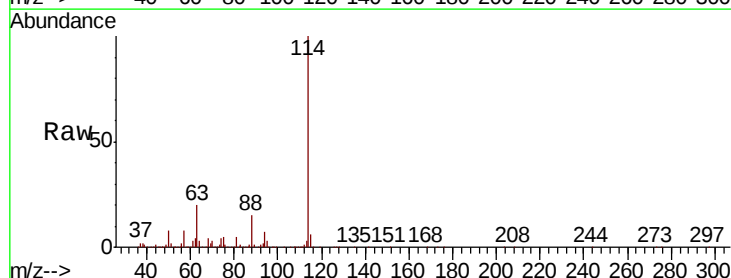
Tgt Ion: 114 Resp: 211875

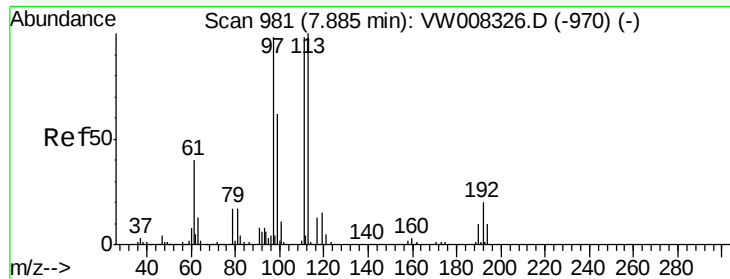
Ion Ratio Lower Upper

114 100

63 20.1 0.0 40.8

88 14.7 0.0 30.4





#35

Dibromofluoromethane

Concen: 48.752 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW008364.D

Acq: 18 Jan 2019 19:15

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

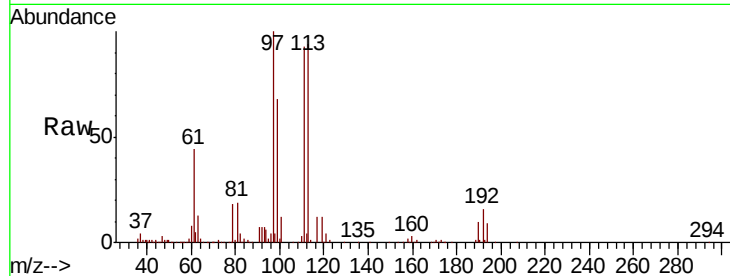
Tgt Ion:113 Resp: 65936

Ion Ratio Lower Upper

113 100

111 101.1 81.8 122.8

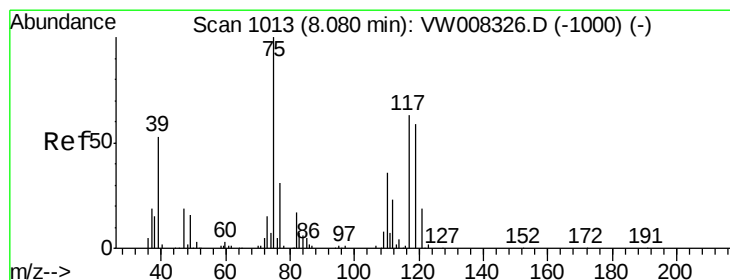
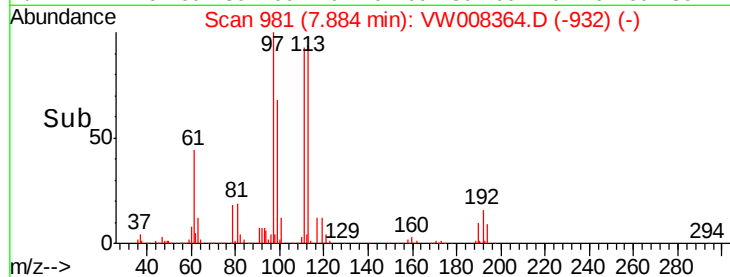
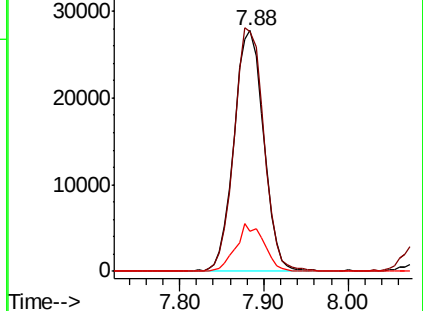
192 18.7 16.3 24.5



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 51.096 ug/l

RT: 8.08 min Scan# 1013

Delta R.T. -0.00 min

Lab File: VW008364.D

Acq: 18 Jan 2019 19:15

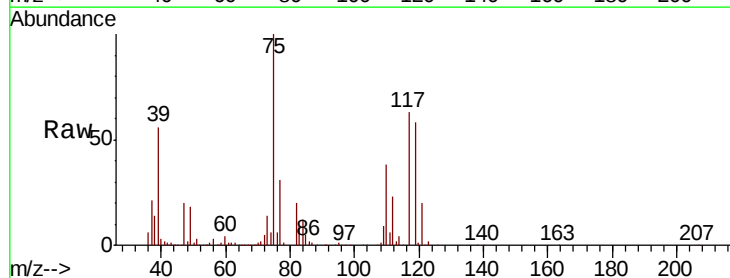
Tgt Ion: 75 Resp: 108919

Ion Ratio Lower Upper

75 100

110 36.5 17.5 52.6

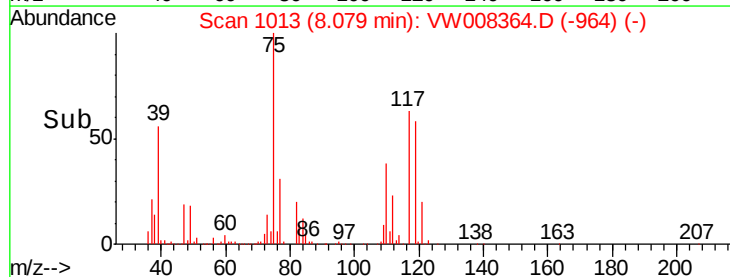
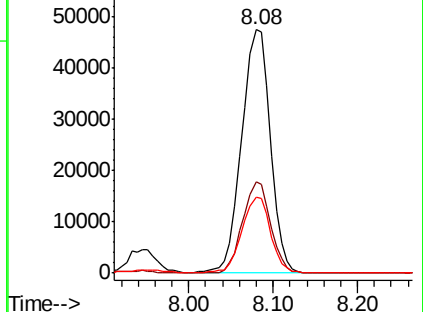
77 31.4 25.0 37.6

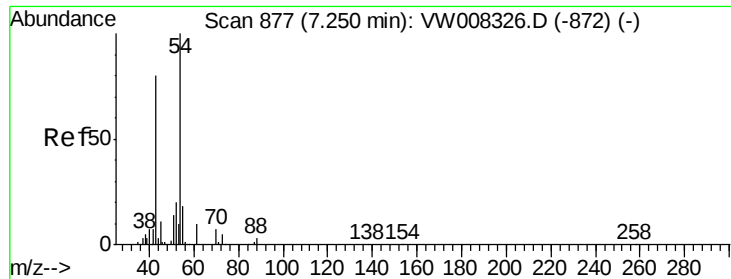


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW

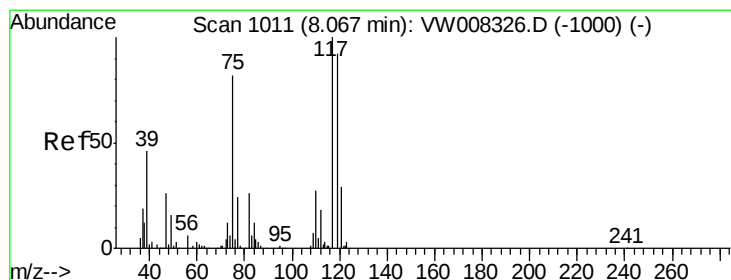
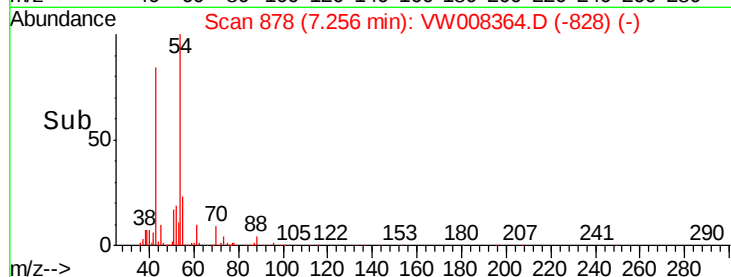
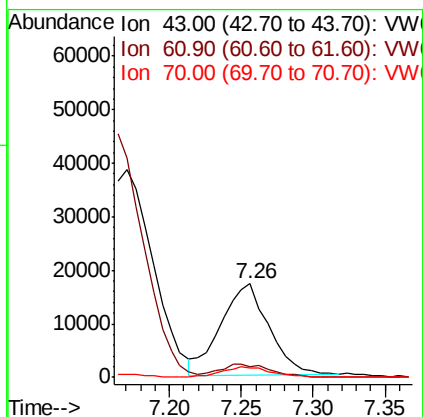
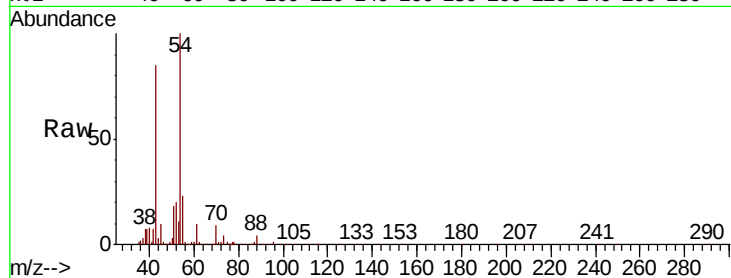




#37
Ethyl Acetate
Concen: 45.913 ug/l
RT: 7.26 min Scan# 878
Delta R.T. 0.01 min
Lab File: VW008364.D
Acq: 18 Jan 2019 19:15

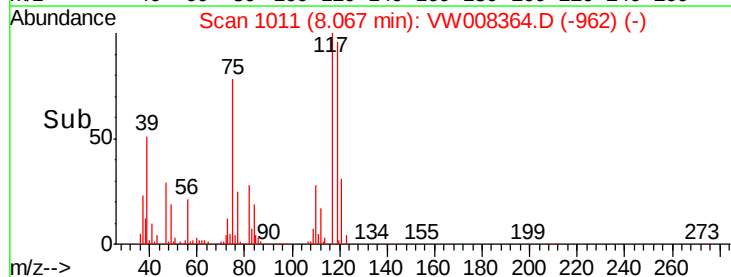
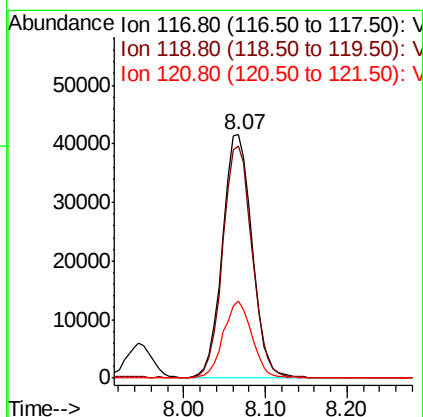
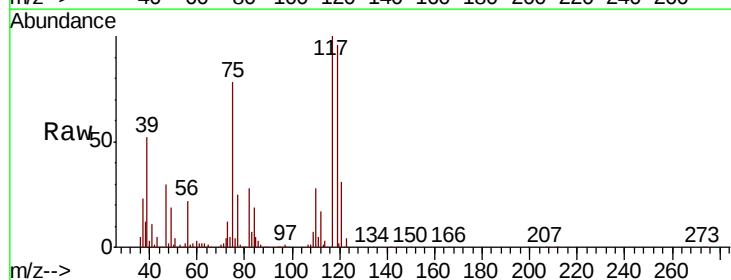
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

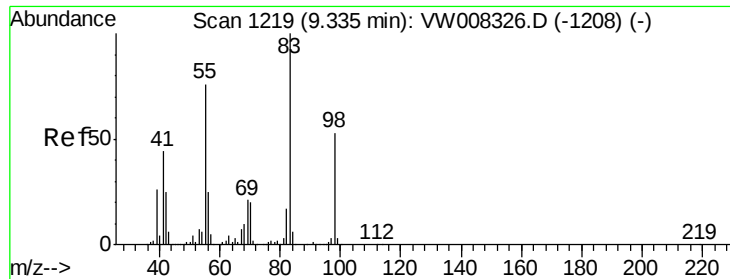
Tgt Ion: 43 Resp: 40359
Ion Ratio Lower Upper
43 100
61 14.1 11.5 17.3
70 12.1 8.8 13.2



#38
Carbon Tetrachloride
Concen: 49.594 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.00 min
Lab File: VW008364.D
Acq: 18 Jan 2019 19:15

Tgt Ion: 117 Resp: 104391
Ion Ratio Lower Upper
117 100
119 95.4 73.8 110.6
121 31.5 23.4 35.0

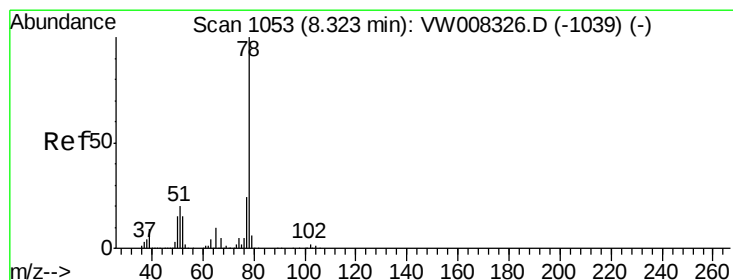
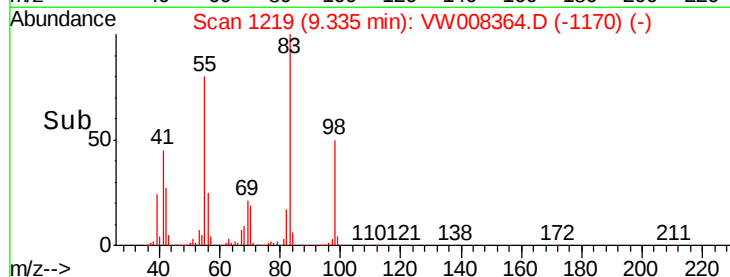
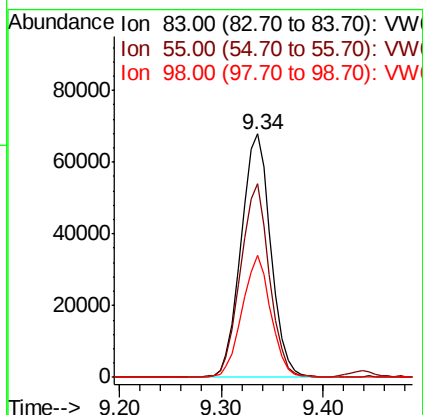
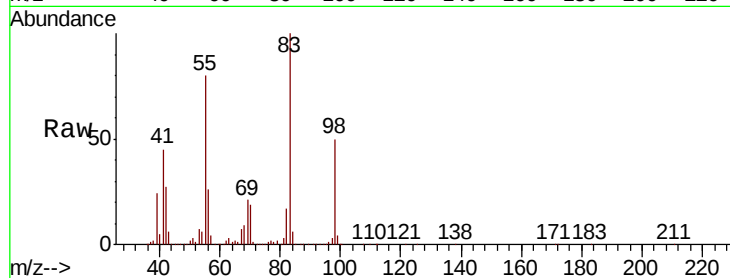




#39
Methylcyclohexane
Concen: 54.159 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW008364.D
Acq: 18 Jan 2019 19:15

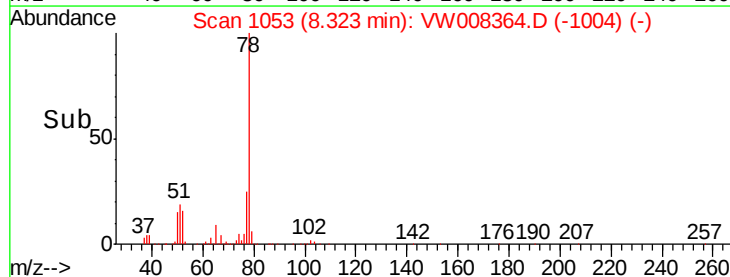
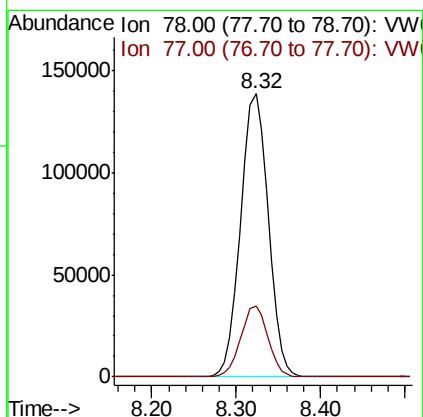
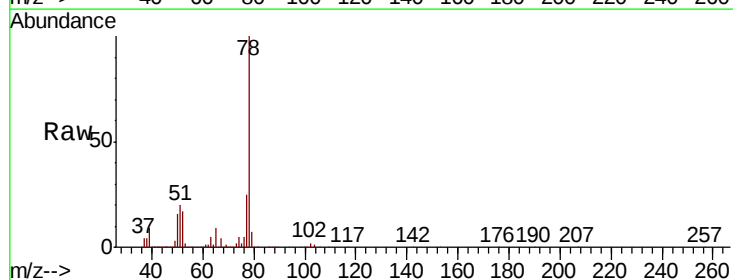
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

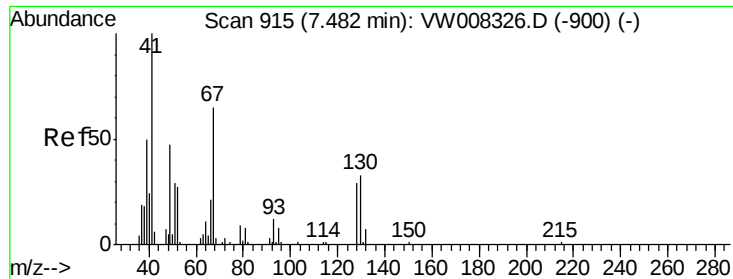
Tgt Ion: 83 Resp: 137324
Ion Ratio Lower Upper
83 100
55 79.6 61.1 91.7
98 50.2 42.5 63.7



#40
Benzene
Concen: 50.801 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.00 min
Lab File: VW008364.D
Acq: 18 Jan 2019 19:15

Tgt Ion: 78 Resp: 306752
Ion Ratio Lower Upper
78 100
77 24.8 19.4 29.0





#41

Methacrylonitrile

Concen: 47.555 ug/l

RT: 7.49 min Scan# 916

Delta R.T. 0.01 min

Lab File: VW008364.D

Acq: 18 Jan 2019 19:15

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 41 Resp: 24335

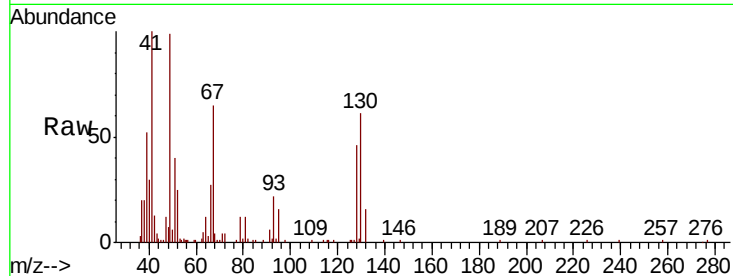
Ion Ratio Lower Upper

41 100

39 54.7 44.9 67.3

67 74.6 56.9 85.3

52 29.6 24.4 36.6

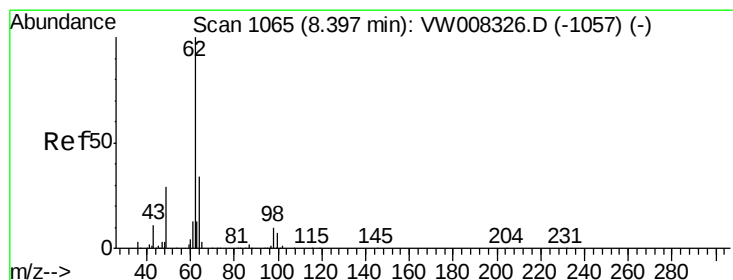
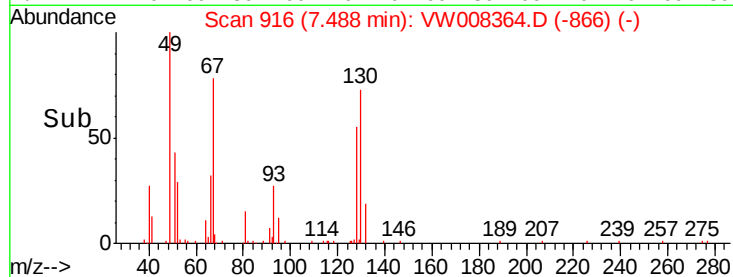
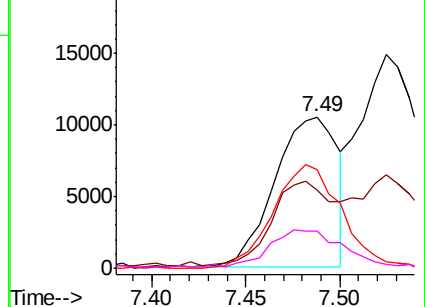


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

Ion 67.00 (66.70 to 67.70): VW

Ion 52.00 (51.70 to 52.70): VW



#42

1,2-Dichloroethane

Concen: 48.756 ug/l

RT: 8.40 min Scan# 1066

Delta R.T. 0.01 min

Lab File: VW008364.D

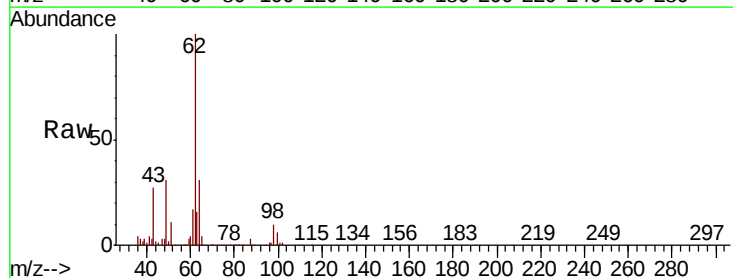
Acq: 18 Jan 2019 19:15

Tgt Ion: 62 Resp: 82322

Ion Ratio Lower Upper

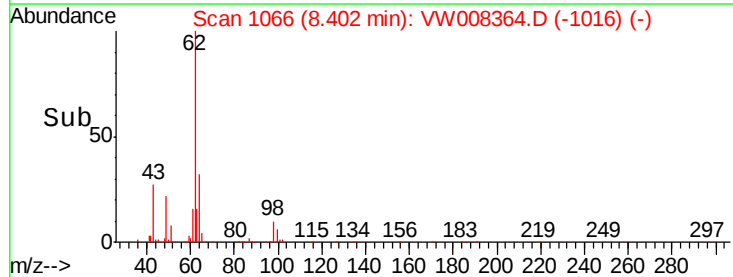
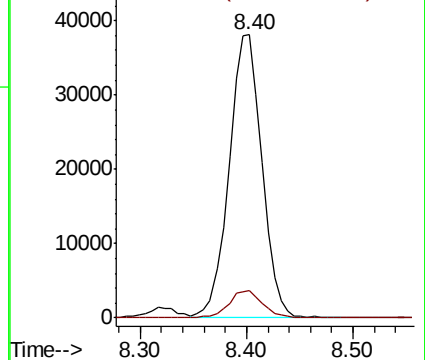
62 100

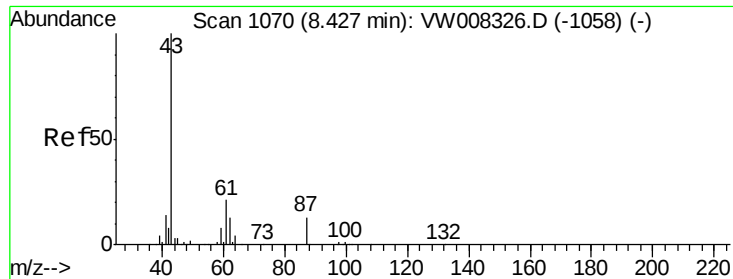
98 9.9 0.0 19.0



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 97.90 (97.60 to 98.60): VW

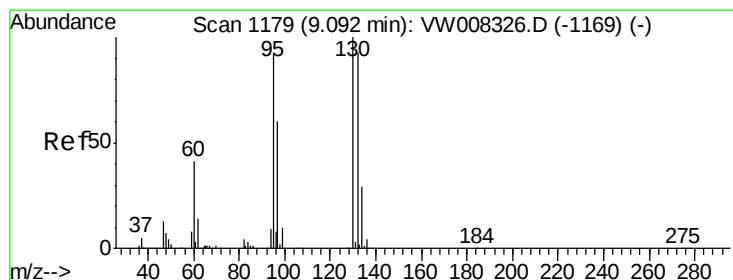
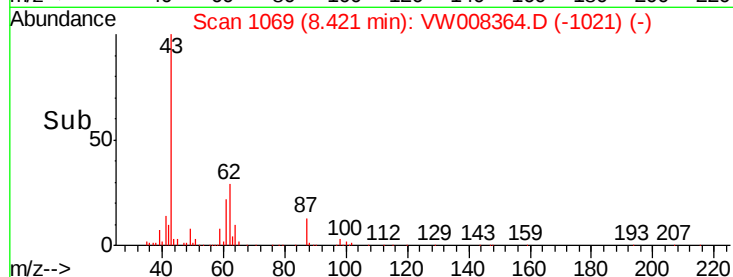
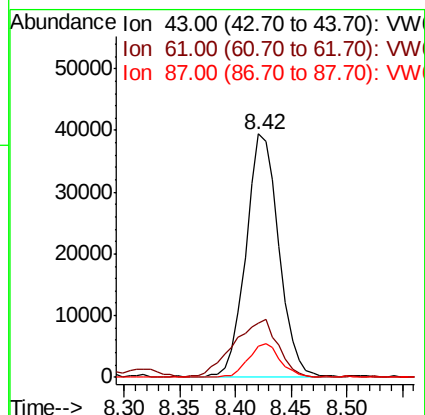
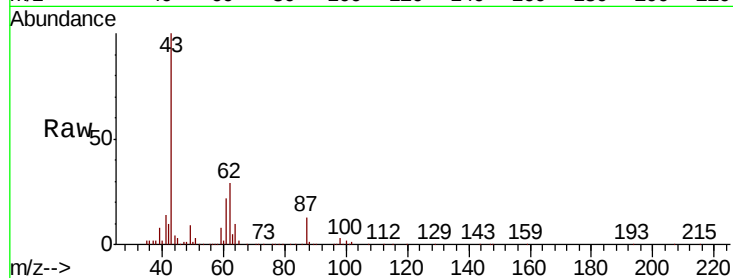




#43
Isopropyl Acetate
Concen: 48.462 ug/l
RT: 8.42 min Scan# 1069
Delta R.T. -0.01 min
Lab File: VW008364.D
Acq: 18 Jan 2019 19:15

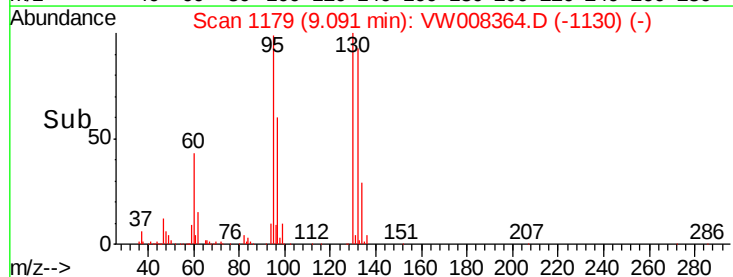
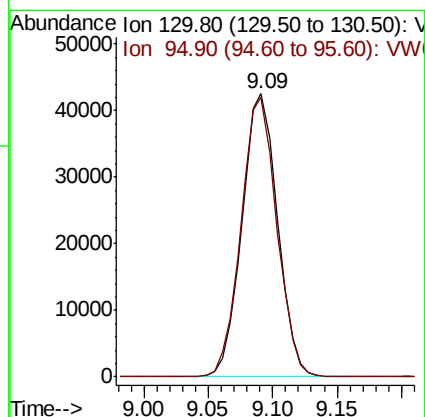
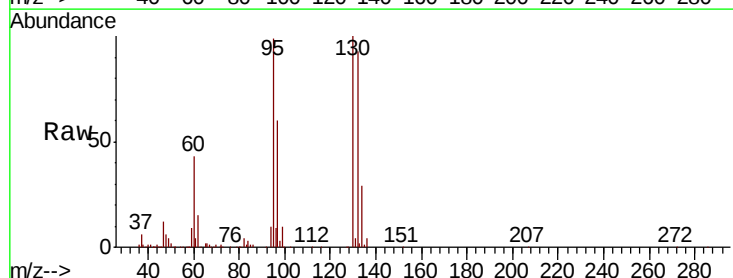
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

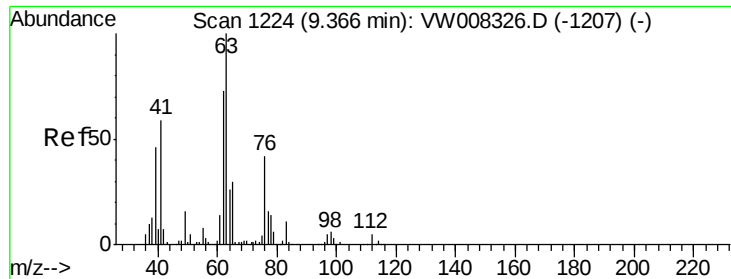
Tgt Ion: 43 Resp: 80468
Ion Ratio Lower Upper
43 100
61 31.8 24.8 37.2
87 13.6 10.7 16.1



#44
Trichloroethene
Concen: 49.037 ug/l
RT: 9.09 min Scan# 1179
Delta R.T. -0.00 min
Lab File: VW008364.D
Acq: 18 Jan 2019 19:15

Tgt Ion: 130 Resp: 81122
Ion Ratio Lower Upper
130 100
95 98.8 0.0 184.8

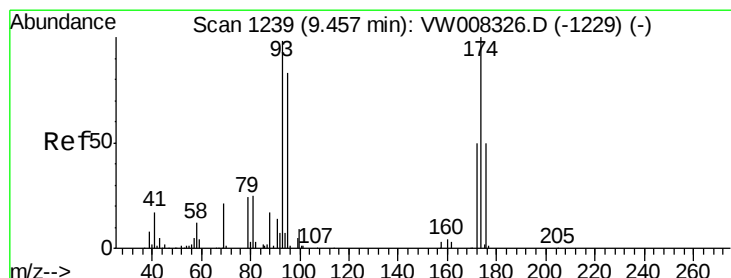
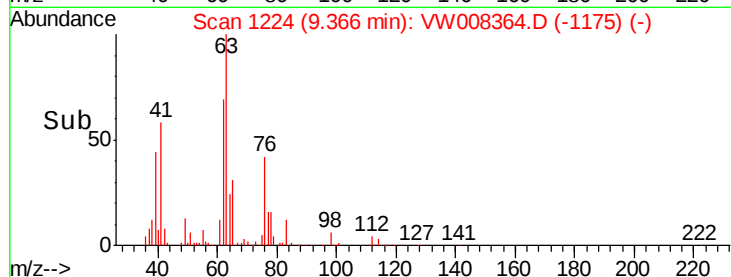
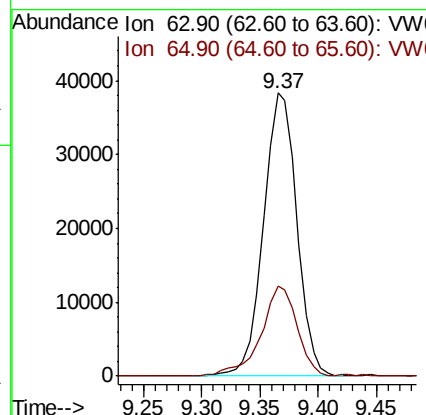
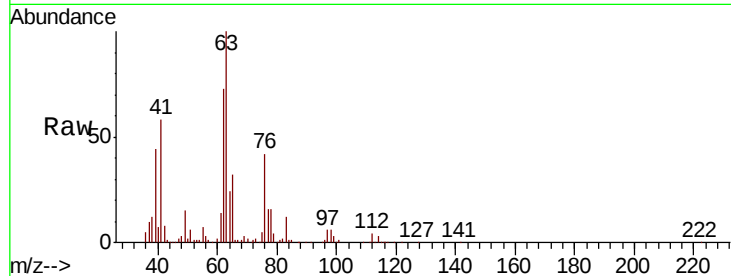




#45
 1,2-Dichloropropane
 Concen: 51.140 ug/l
 RT: 9.37 min Scan# 1224
 Delta R.T. -0.00 min
 Lab File: VW008364.D
 Acq: 18 Jan 2019 19:15

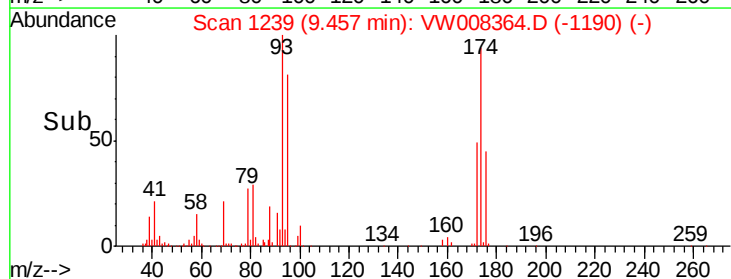
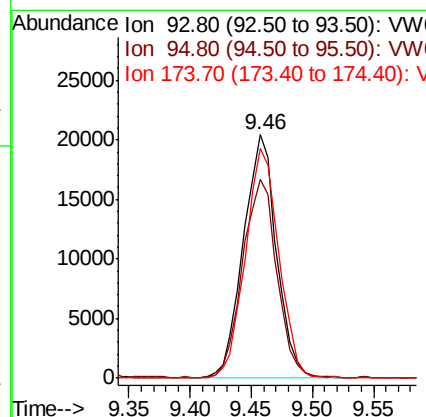
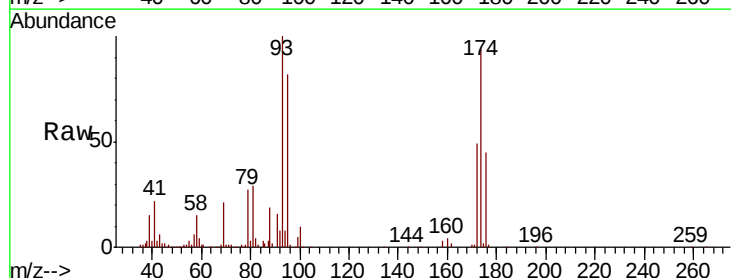
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

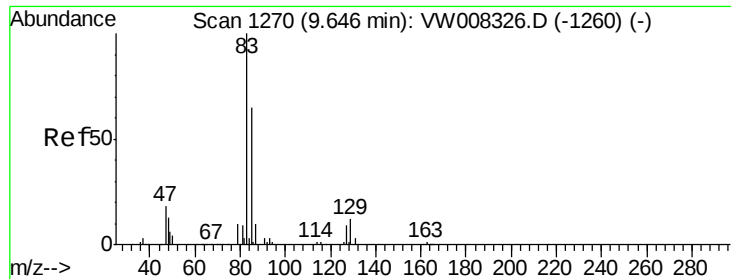
Tgt Ion: 63 Resp: 76704
 Ion Ratio Lower Upper
 63 100
 65 31.7 23.9 35.9



#46
 Dibromomethane
 Concen: 49.140 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. -0.00 min
 Lab File: VW008364.D
 Acq: 18 Jan 2019 19:15

Tgt Ion: 93 Resp: 38414
 Ion Ratio Lower Upper
 93 100
 95 85.1 67.8 101.8
 174 95.5 84.4 126.6

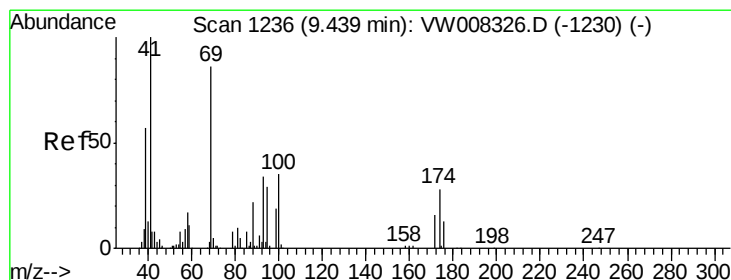
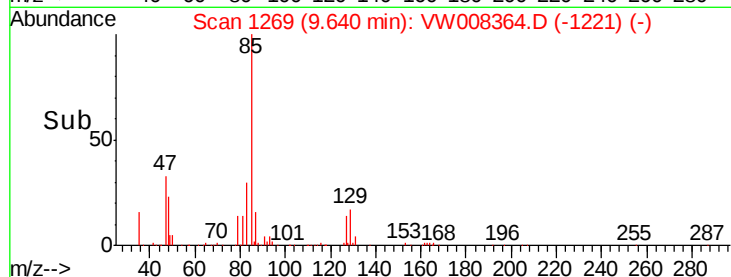
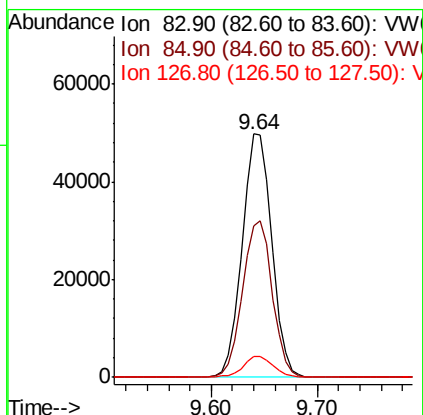
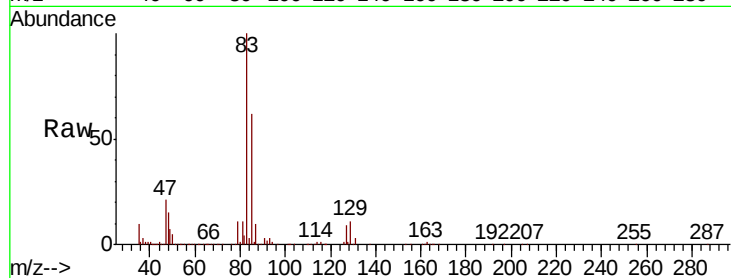




#47
Bromodichloromethane
Concen: 50.615 ug/l
RT: 9.64 min Scan# 1269
Delta R.T. -0.01 min
Lab File: VW008364.D
Acq: 18 Jan 2019 19:15

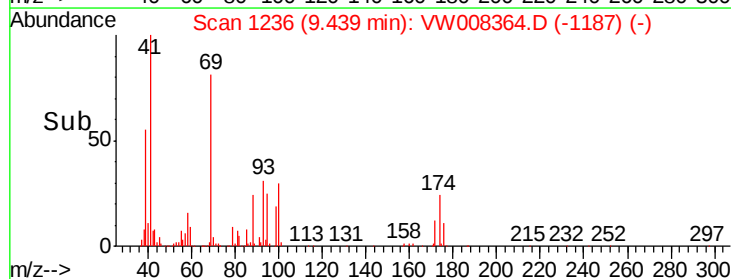
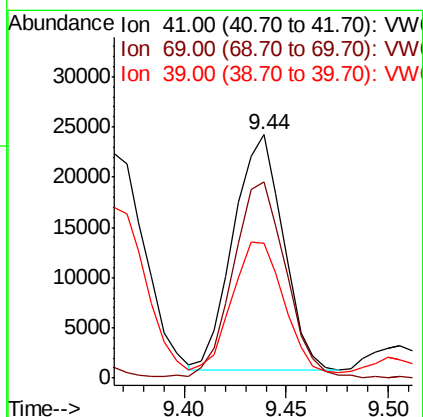
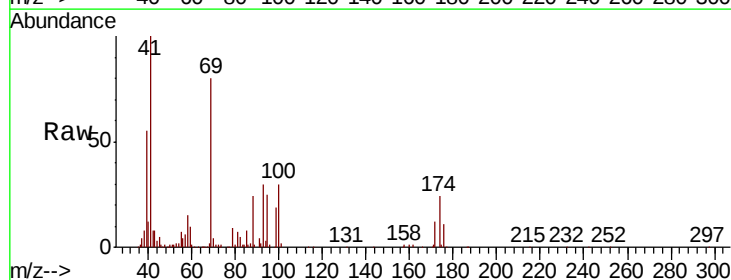
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

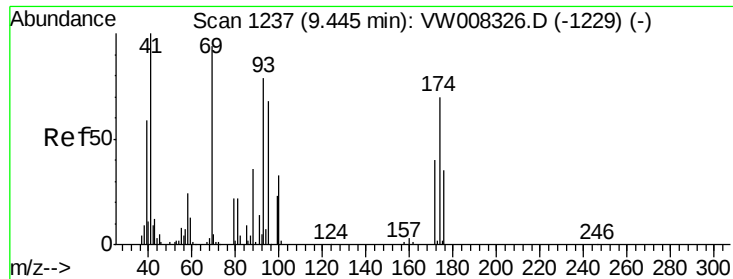
Tgt Ion: 83 Resp: 97600
Ion Ratio Lower Upper
83 100
85 62.3 51.6 77.4
127 8.7 6.8 10.2



#48
Methyl methacrylate
Concen: 51.211 ug/l
RT: 9.44 min Scan# 1236
Delta R.T. -0.00 min
Lab File: VW008364.D
Acq: 18 Jan 2019 19:15

Tgt Ion: 41 Resp: 40030
Ion Ratio Lower Upper
41 100
69 87.8 68.2 102.4
39 57.1 46.0 69.0

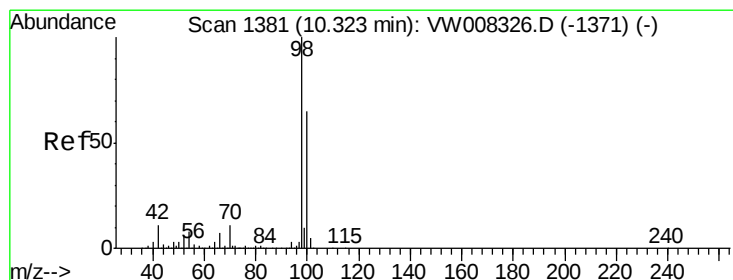
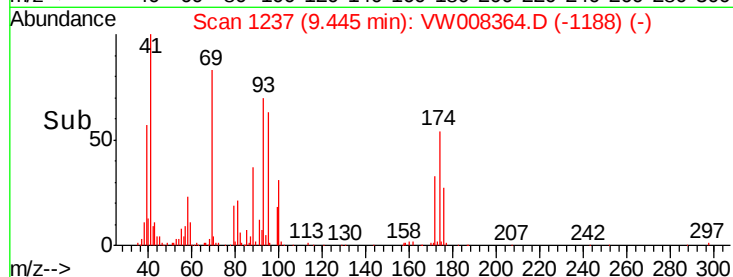
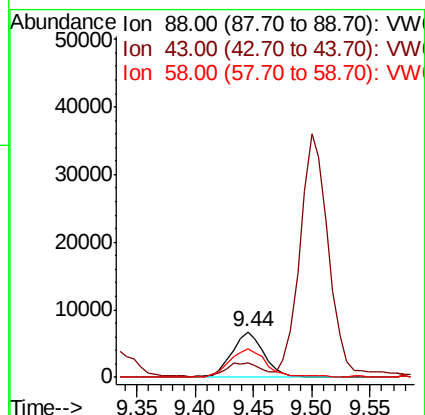
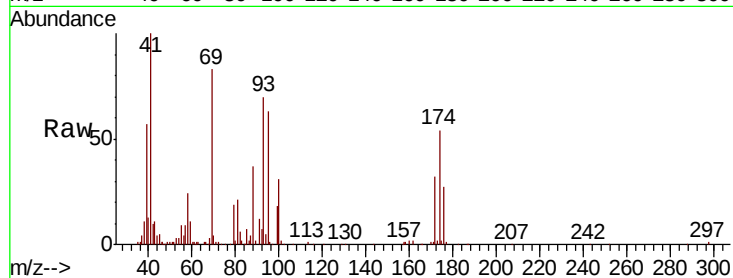




#49
1,4-Dioxane
Concen: 1035.255 ug/l
RT: 9.44 min Scan# 1237
Delta R.T. -0.00 min
Lab File: VW008364.D
Acq: 18 Jan 2019 19:15

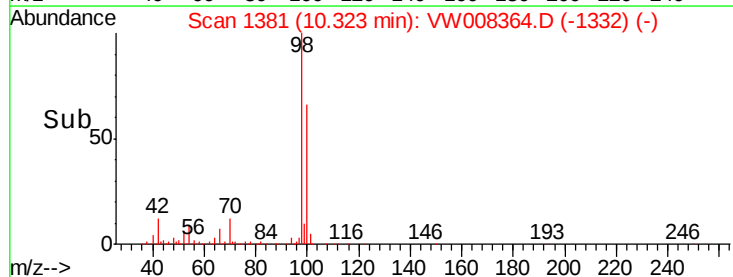
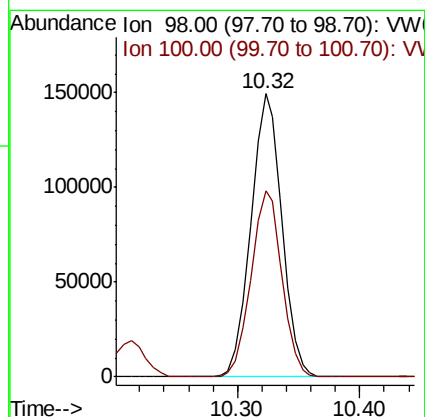
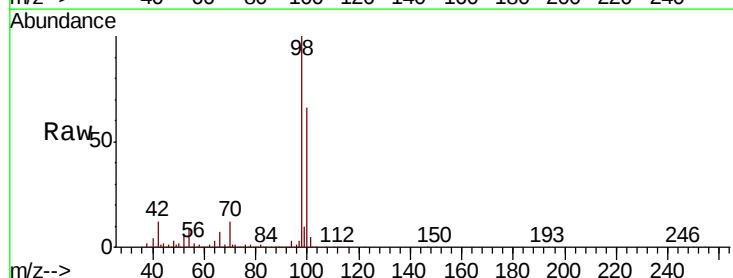
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

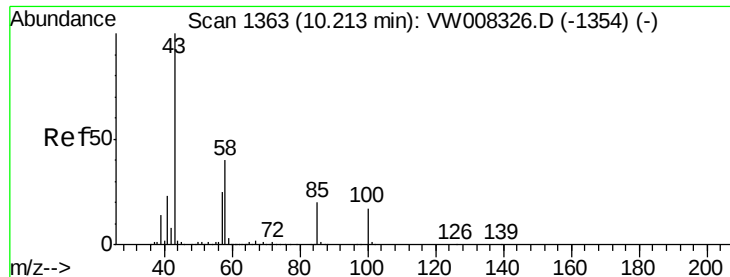
Tgt Ion: 88 Resp: 13028
Ion Ratio Lower Upper
88 100
43 35.4 27.1 40.7
58 70.1 57.9 86.9



#50
Toluene-d8
Concen: 49.407 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW008364.D
Acq: 18 Jan 2019 19:15

Tgt Ion: 98 Resp: 262513
Ion Ratio Lower Upper
98 100
100 65.6 51.8 77.8

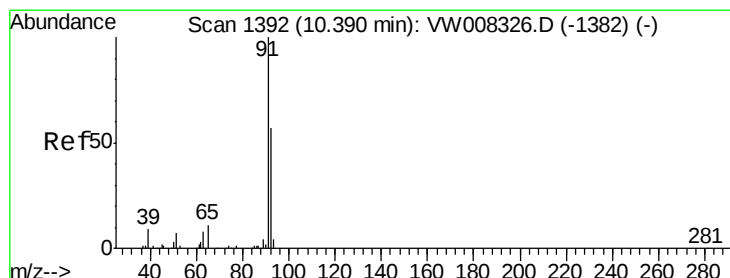
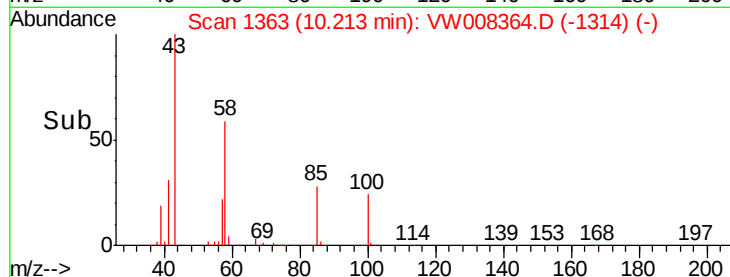
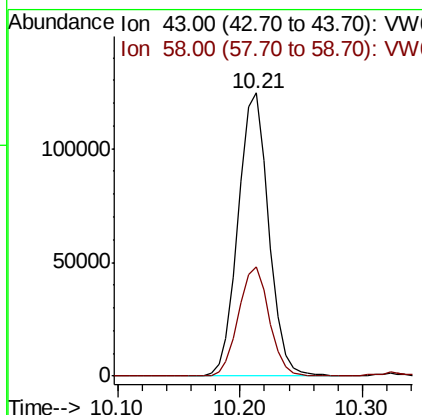
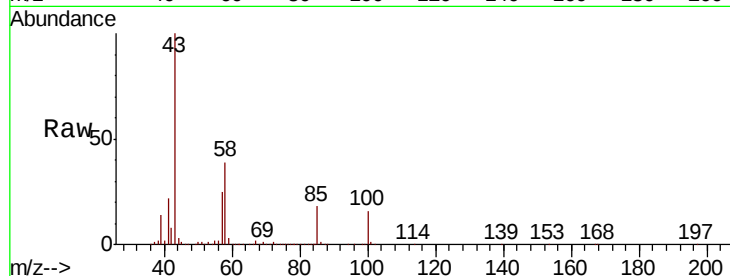




#51
4-Methyl-2-Pentanone
Concen: 256.105 ug/l
RT: 10.21 min Scan# 1363
Delta R.T. -0.00 min
Lab File: VW008364.D
Acq: 18 Jan 2019 19:15

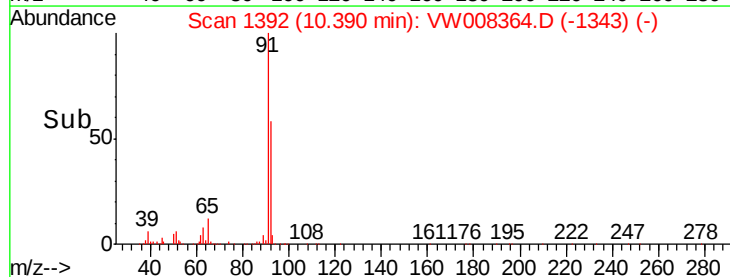
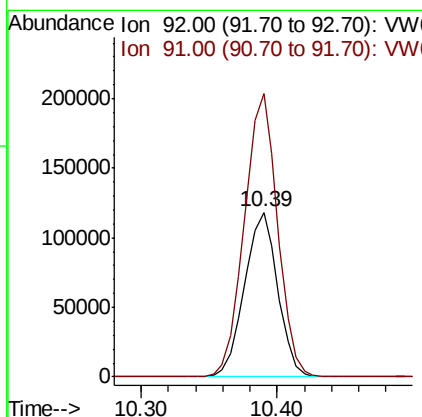
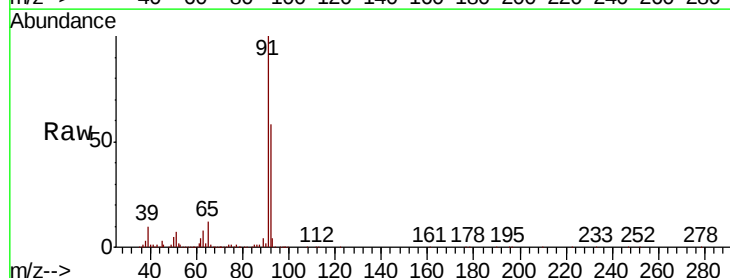
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

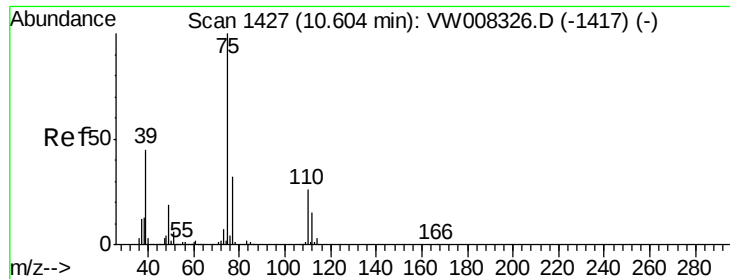
Tgt Ion: 43 Resp: 215327
Ion Ratio Lower Upper
43 100
58 38.8 31.4 47.0



#52
Toluene
Concen: 52.901 ug/l
RT: 10.39 min Scan# 1392
Delta R.T. -0.00 min
Lab File: VW008364.D
Acq: 18 Jan 2019 19:15

Tgt Ion: 92 Resp: 202147
Ion Ratio Lower Upper
92 100
91 172.1 140.2 210.2





#53

t-1,3-Dichloropropene

Concen: 51.969 ug/l

RT: 10.61 min Scan# 1428

Delta R.T. 0.01 min

Lab File: VW008364.D

Acq: 18 Jan 2019 19:15

Instrument :

MSVOA_W

ClientSampleId :

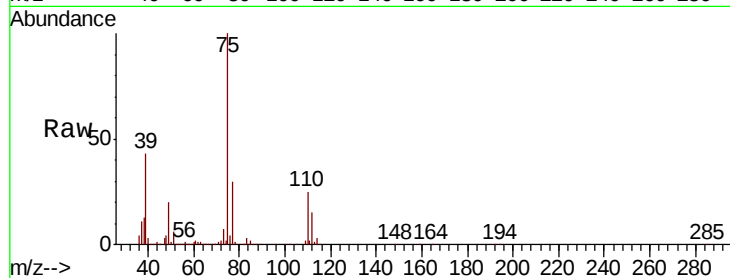
VSTDCCC050EC

Tgt Ion: 75 Resp: 100016

Ion Ratio Lower Upper

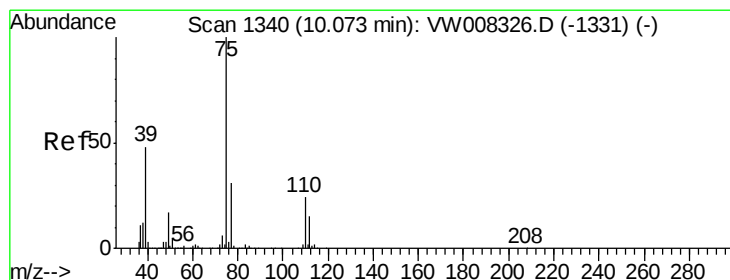
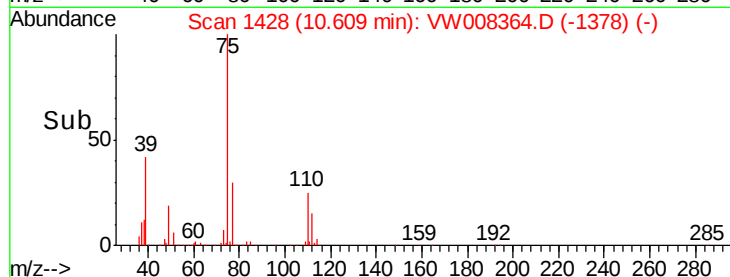
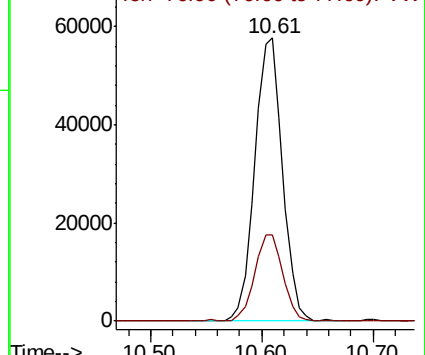
75 100

77 30.1 25.8 38.8



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 76.90 (76.60 to 77.60): VW



#54

cis-1,3-Dichloropropene

Concen: 51.636 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. -0.00 min

Lab File: VW008364.D

Acq: 18 Jan 2019 19:15

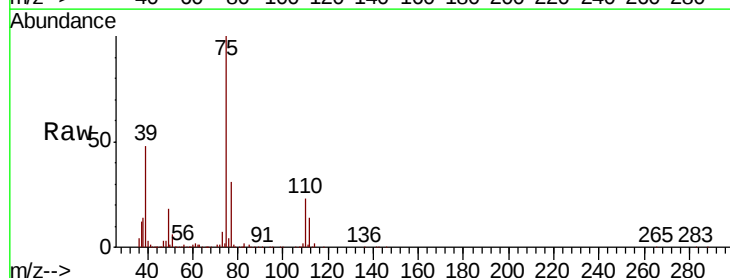
Tgt Ion: 75 Resp: 117148

Ion Ratio Lower Upper

75 100

77 30.6 24.4 36.6

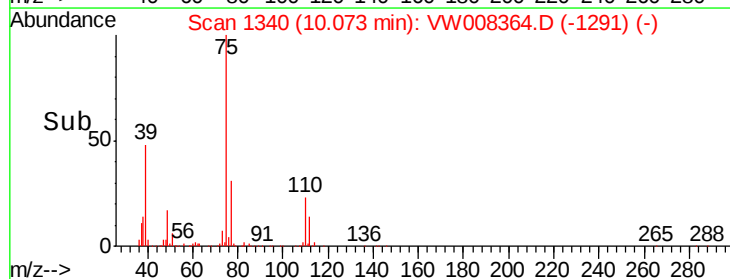
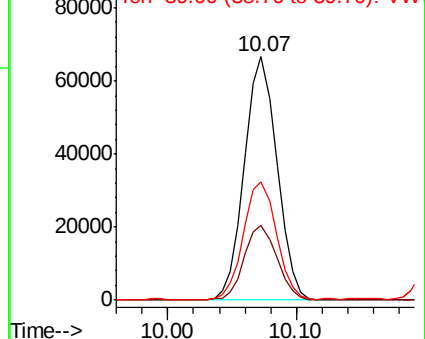
39 48.2 38.6 57.8

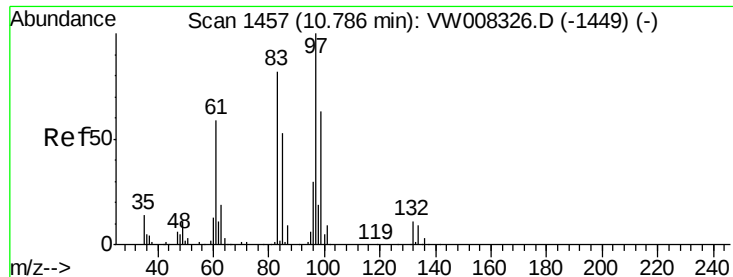


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 76.90 (76.60 to 77.60): VW

Ion 39.00 (38.70 to 39.70): VW

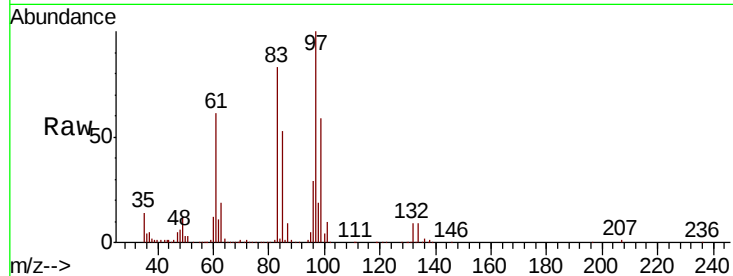




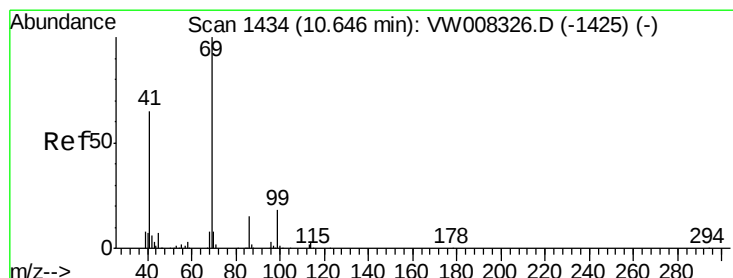
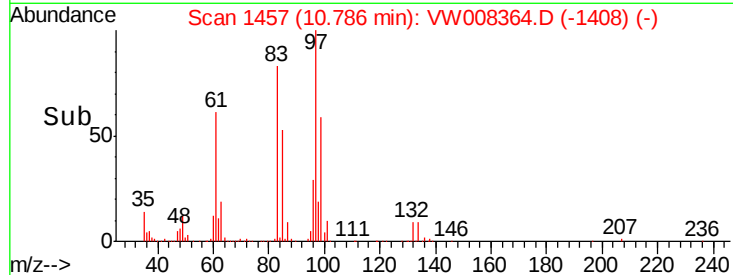
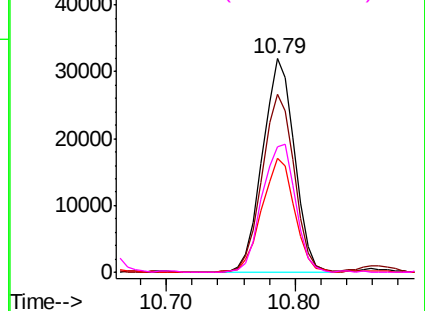
#55
 1,1,2-Trichloroethane
 Concen: 50.673 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.00 min
 Lab File: VW008364.D
 Acq: 18 Jan 2019 19:15

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 97 Resp: 54943
 Ion Ratio Lower Upper
 97 100
 83 82.8 65.3 97.9
 85 53.4 42.6 64.0
 99 58.8 50.2 75.2

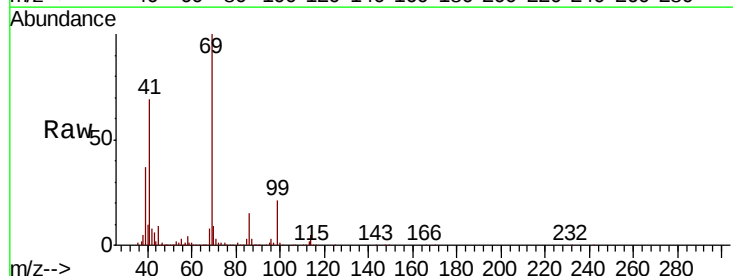


Abundance Ion 96.90 (96.60 to 97.60): VW
 Ion 82.90 (82.60 to 83.60): VW
 Ion 84.90 (84.60 to 85.60): VW
 Ion 98.90 (98.60 to 99.60): VW

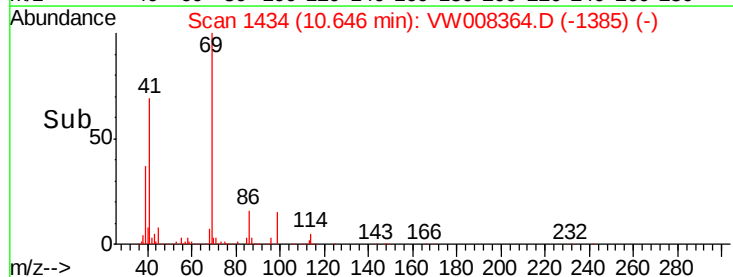
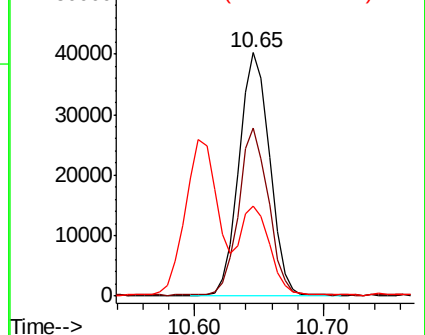


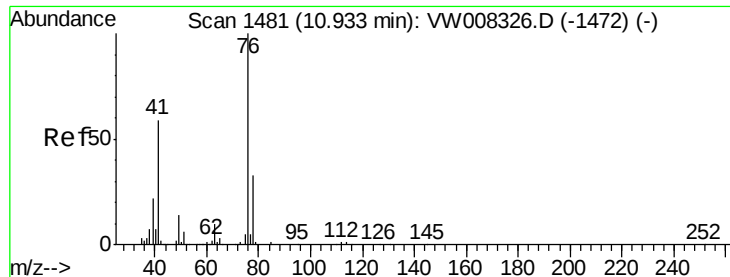
#56
 Ethyl methacrylate
 Concen: 52.356 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: VW008364.D
 Acq: 18 Jan 2019 19:15

Tgt Ion: 69 Resp: 66668
 Ion Ratio Lower Upper
 69 100
 41 66.0 52.9 79.3
 39 34.8 28.4 42.6



Abundance Ion 69.00 (68.70 to 69.70): VW
 Ion 41.00 (40.70 to 41.70): VW
 Ion 39.00 (38.70 to 39.70): VW

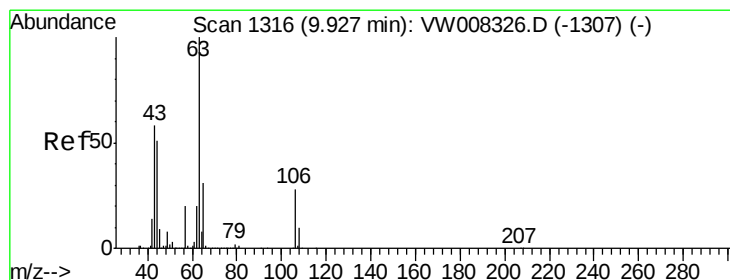
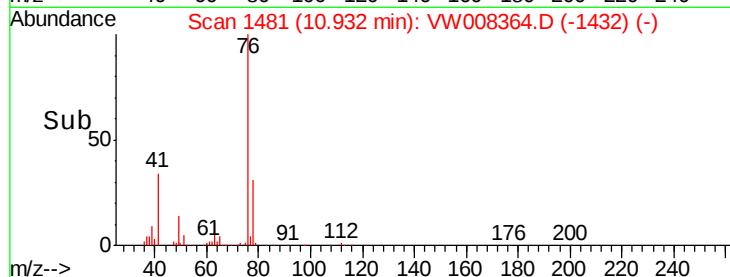
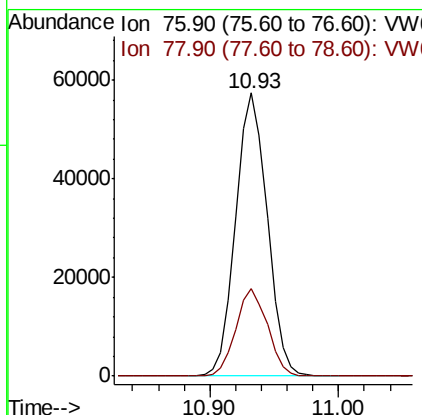
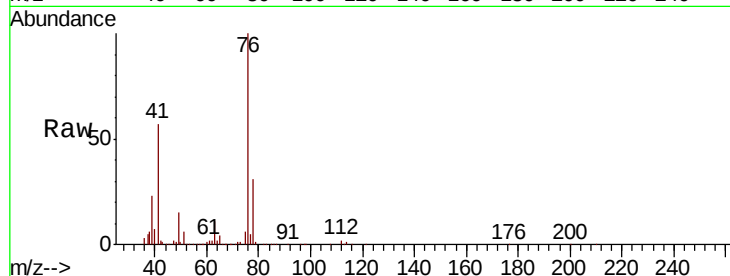




#57
 1,3-Dichloropropane
 Concen: 51.829 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: VW008364.D
 Acq: 18 Jan 2019 19:15

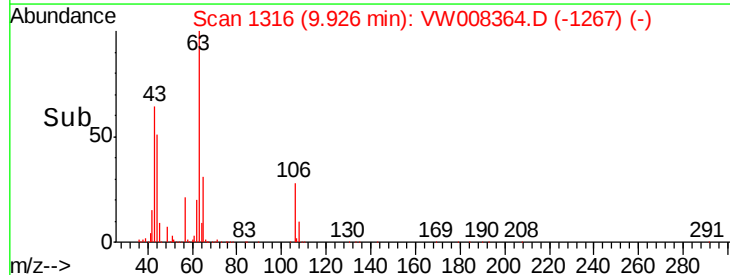
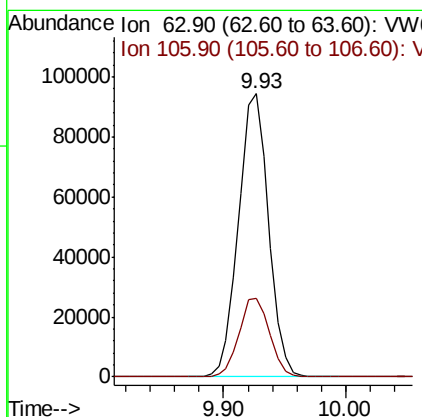
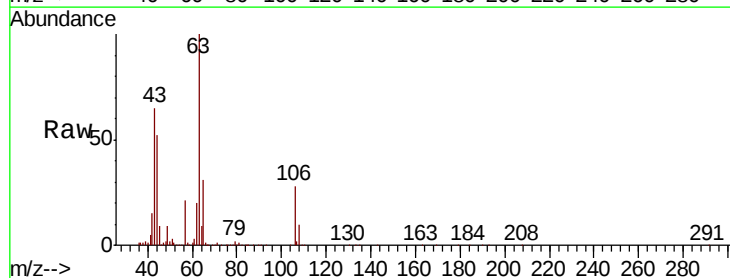
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

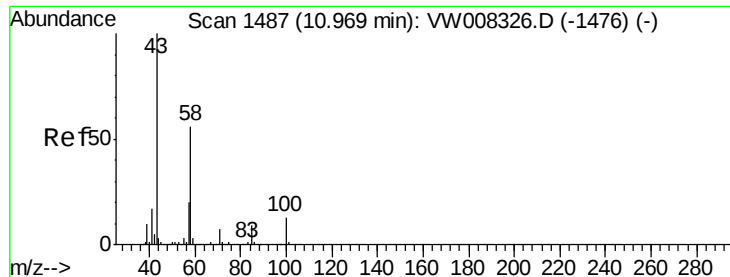
Tgt Ion: 76 Resp: 97574
 Ion Ratio Lower Upper
 76 100
 78 31.0 26.1 39.1



#58
 2-Chloroethyl Vinyl ether
 Concen: 262.319 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VW008364.D
 Acq: 18 Jan 2019 19:15

Tgt Ion: 63 Resp: 161121
 Ion Ratio Lower Upper
 63 100
 106 28.4 22.9 34.3

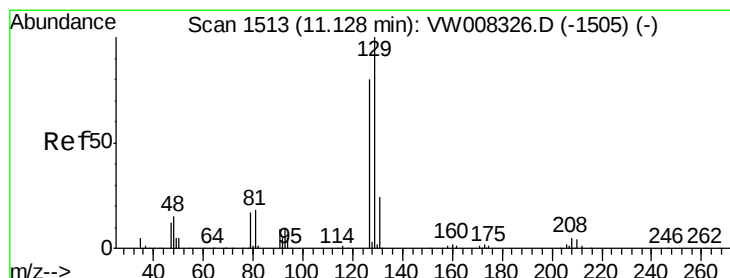
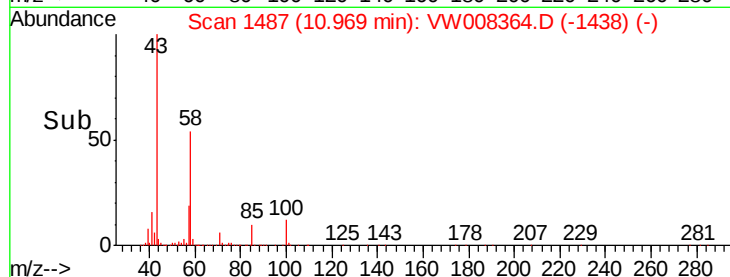
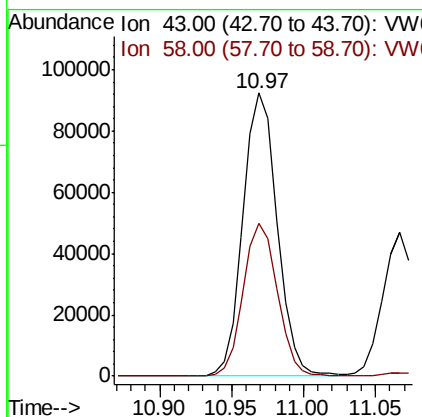
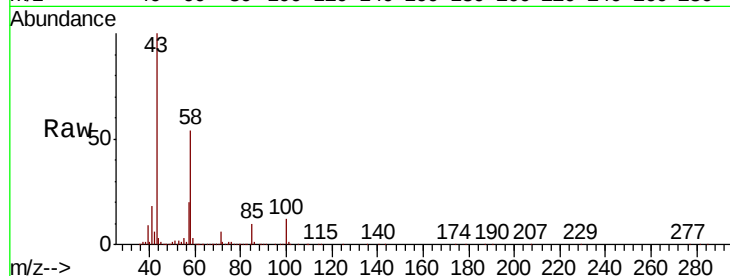




#59
2-Hexanone
Concen: 257.004 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VW008364.D
Acq: 18 Jan 2019 19:15

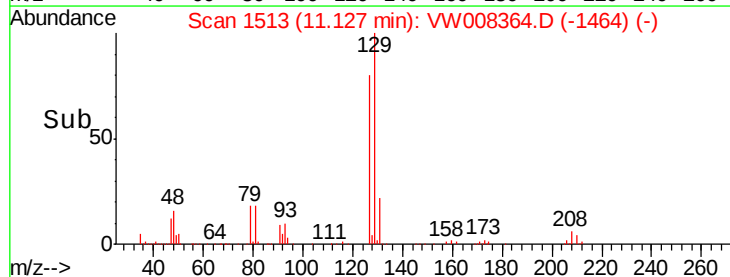
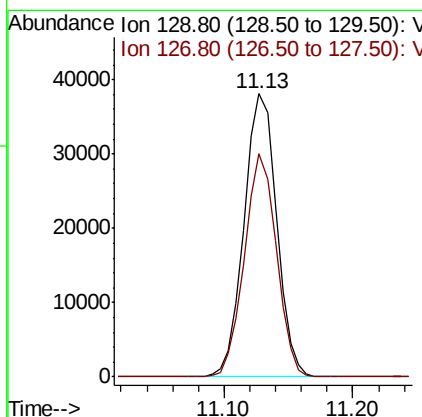
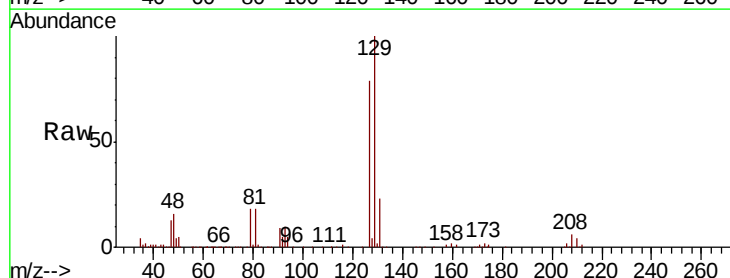
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

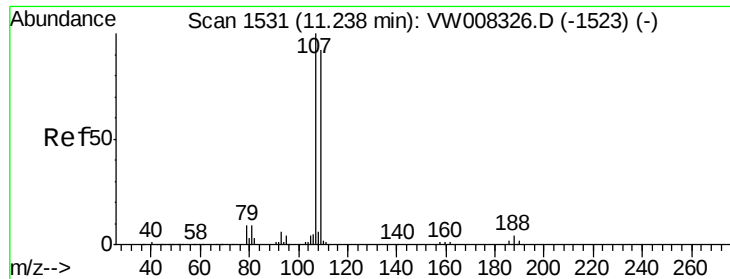
Tgt Ion: 43 Resp: 151401
Ion Ratio Lower Upper
43 100
58 54.3 27.5 82.5



#60
Dibromochloromethane
Concen: 51.499 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW008364.D
Acq: 18 Jan 2019 19:15

Tgt Ion: 129 Resp: 66642
Ion Ratio Lower Upper
129 100
127 77.3 39.1 117.2

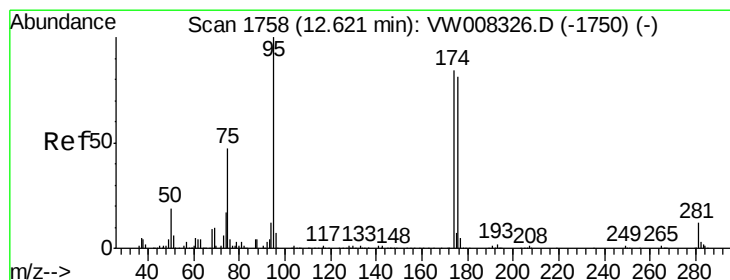
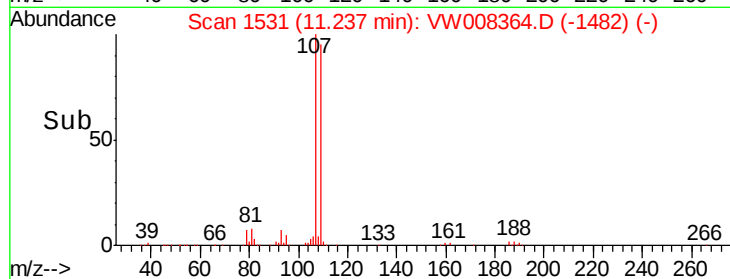
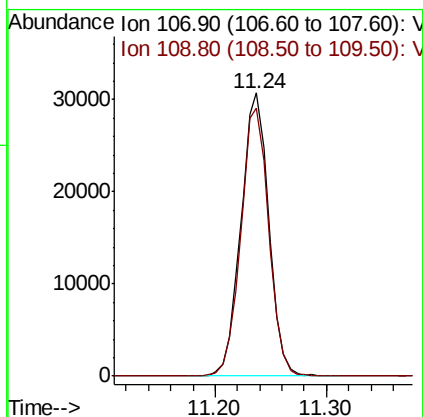
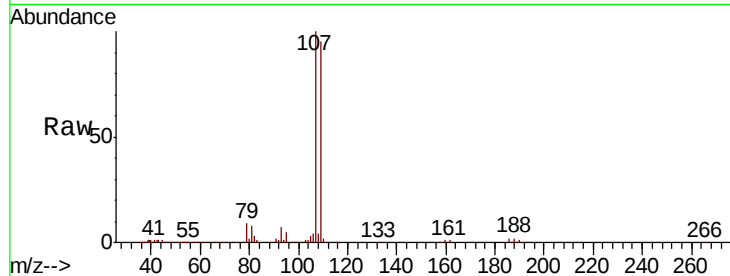




#61
 1,2-Dibromoethane
 Concen: 50.646 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. -0.00 min
 Lab File: VW008364.D
 Acq: 18 Jan 2019 19:15

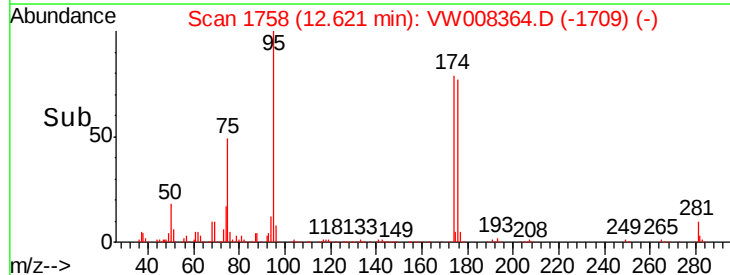
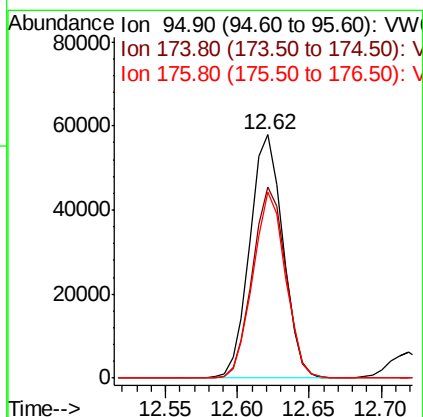
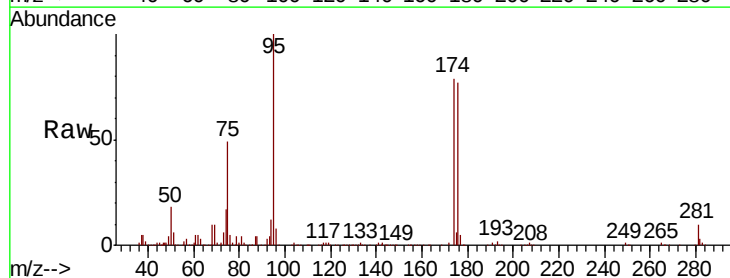
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

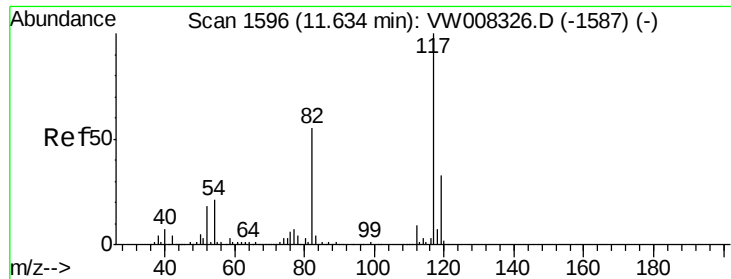
Tgt Ion: 107 Resp: 53175
 Ion Ratio Lower Upper
 107 100
 109 95.1 74.0 111.0



#62
 4-Bromofluorobenzene
 Concen: 48.363 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.00 min
 Lab File: VW008364.D
 Acq: 18 Jan 2019 19:15

Tgt Ion: 95 Resp: 92160
 Ion Ratio Lower Upper
 95 100
 174 78.9 0.0 166.0
 176 75.3 0.0 160.0

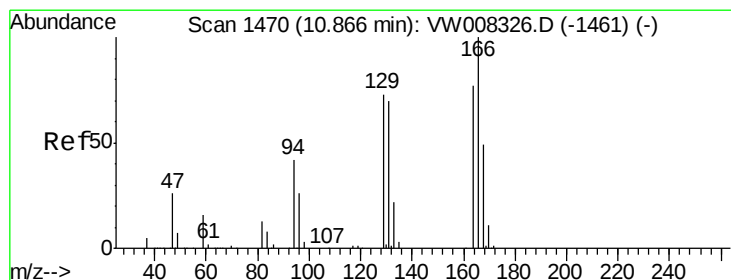
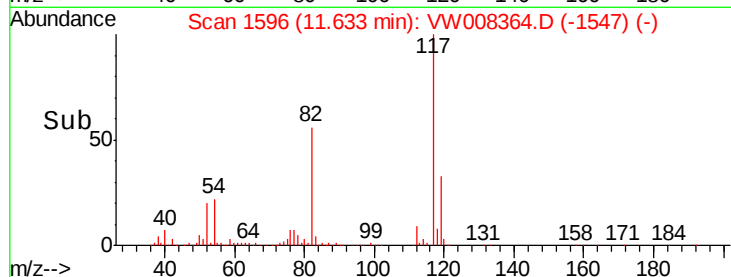
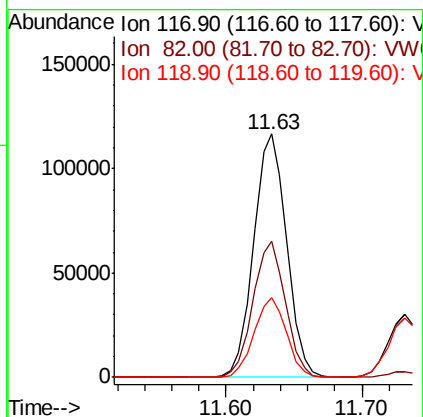
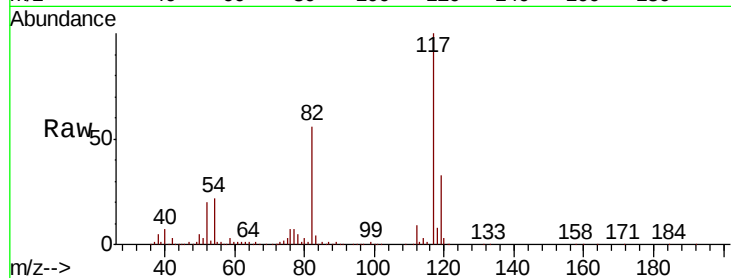




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW008364.D
Acq: 18 Jan 2019 19:15

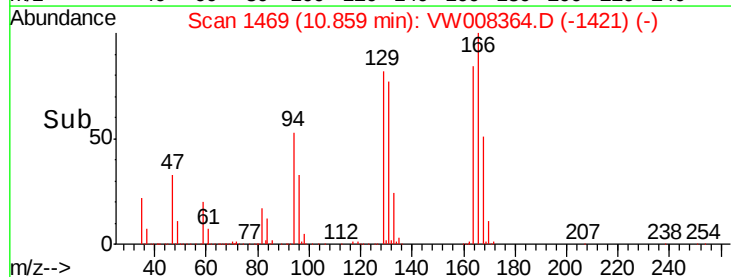
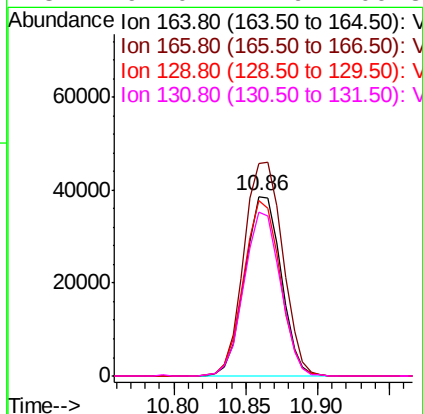
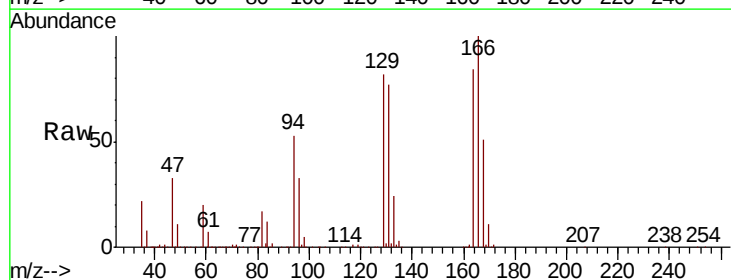
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

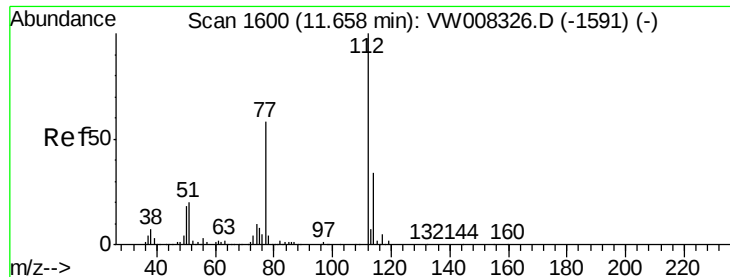
Tgt Ion:117 Resp: 198064
Ion Ratio Lower Upper
117 100
82 55.9 44.3 66.5
119 32.7 26.3 39.5



#64
Tetrachloroethene
Concen: 48.565 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.01 min
Lab File: VW008364.D
Acq: 18 Jan 2019 19:15

Tgt Ion:164 Resp: 67446
Ion Ratio Lower Upper
164 100
166 118.5 103.4 155.2
129 97.6 75.0 112.6
131 91.0 72.9 109.3





#65

Chlorobenzene

Concen: 50.120 ug/l

RT: 11.66 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VW008364.D

Acq: 18 Jan 2019 19:15

Instrument :

MSVOA_W

ClientSampleId :

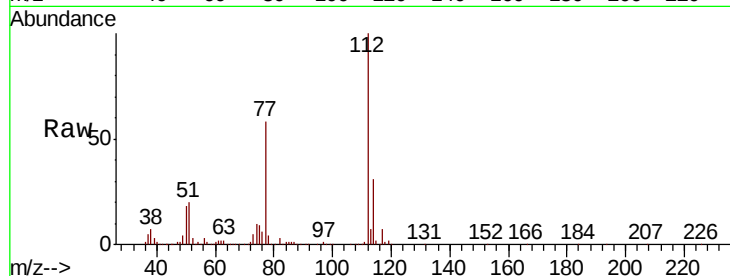
VSTDCCC050EC

Tgt Ion:112 Resp: 216530

Ion Ratio Lower Upper

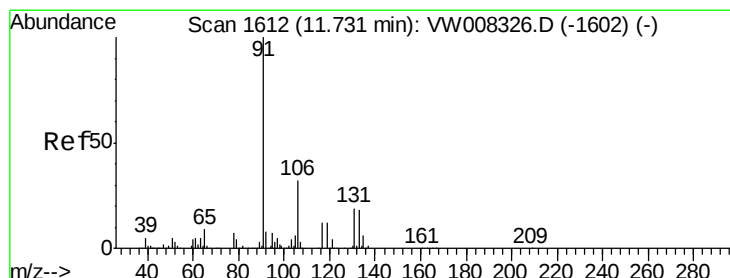
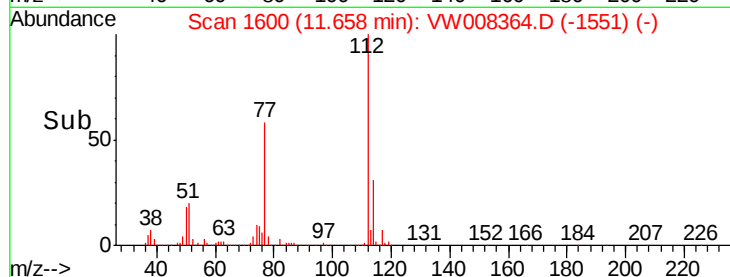
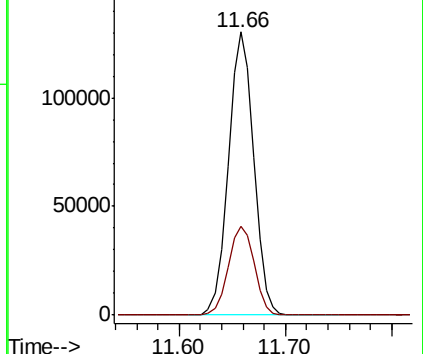
112 100

114 31.4 26.9 40.3



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 50.684 ug/l

RT: 11.73 min Scan# 1612

Delta R.T. -0.00 min

Lab File: VW008364.D

Acq: 18 Jan 2019 19:15

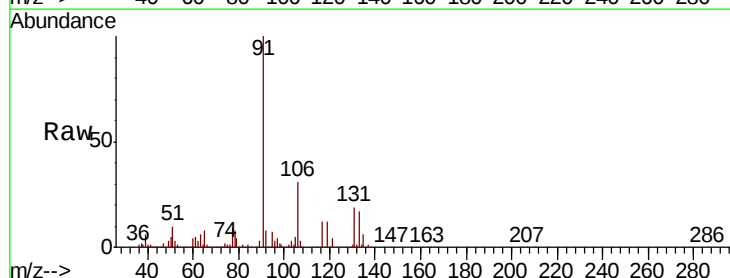
Tgt Ion:131 Resp: 75362

Ion Ratio Lower Upper

131 100

133 92.8 48.2 144.6

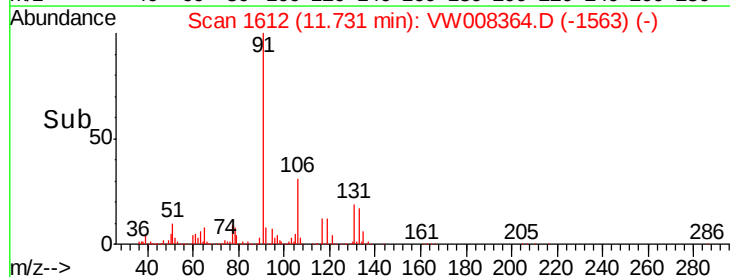
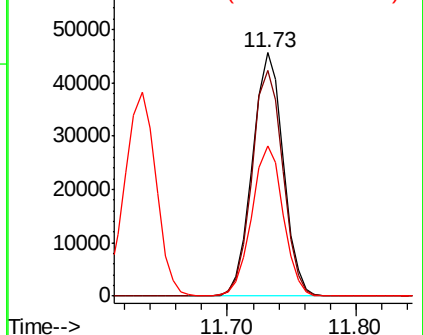
119 63.0 31.6 94.7

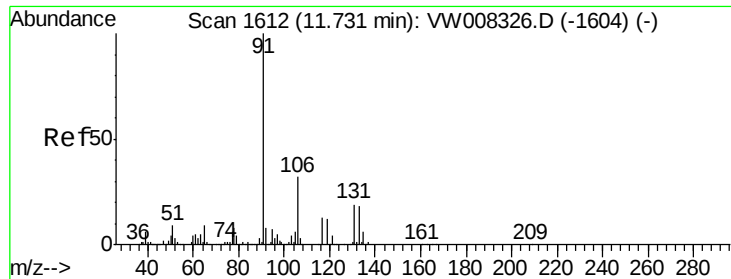


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

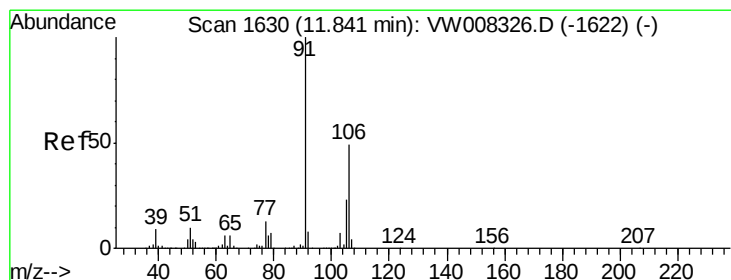
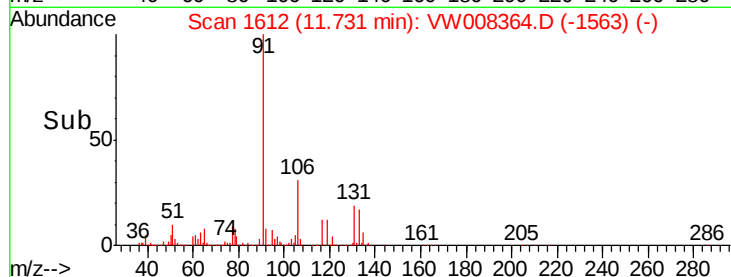
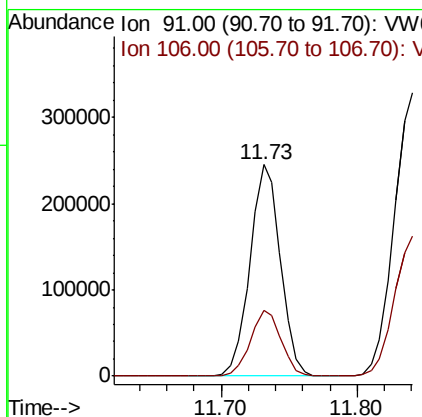
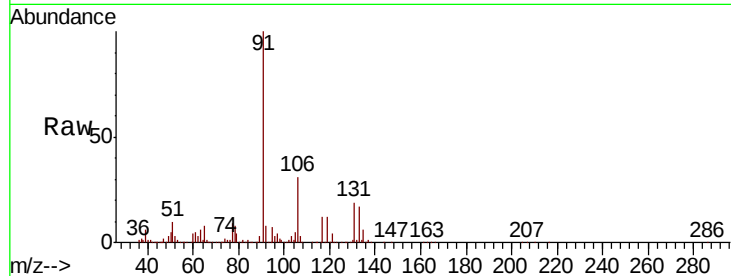




#67
Ethyl Benzene
Concen: 51.322 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW008364.D
Acq: 18 Jan 2019 19:15

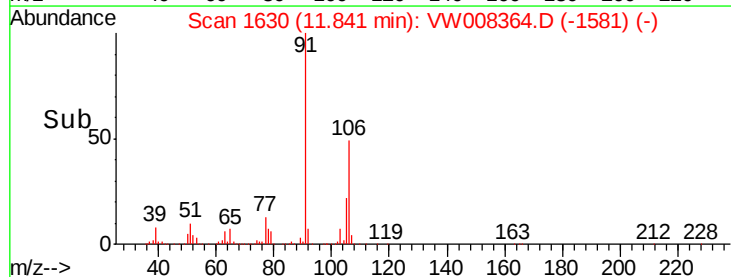
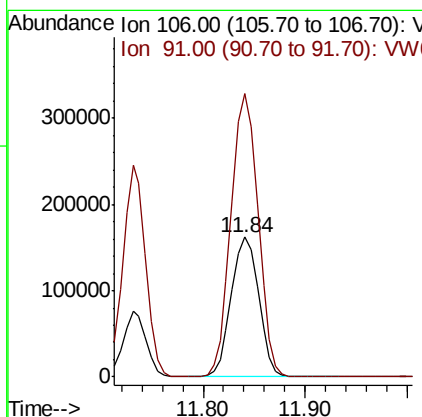
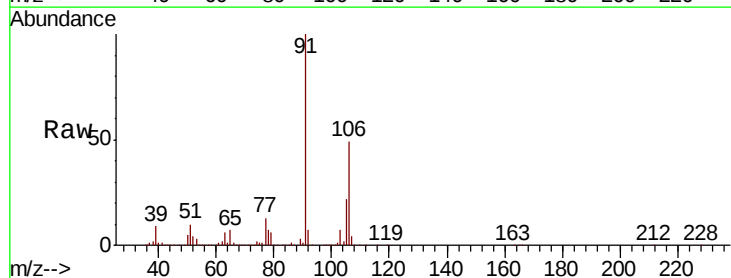
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

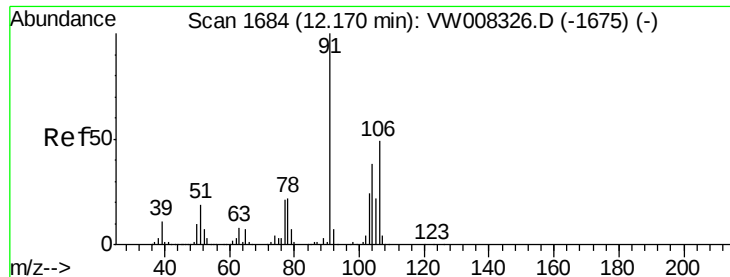
Tgt Ion: 91 Resp: 384986
Ion Ratio Lower Upper
91 100
106 31.2 25.4 38.2



#68
m/p-Xylenes
Concen: 104.200 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW008364.D
Acq: 18 Jan 2019 19:15

Tgt Ion: 106 Resp: 303387
Ion Ratio Lower Upper
106 100
91 199.7 158.4 237.6

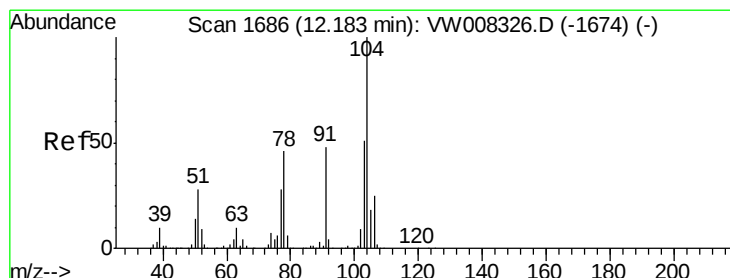
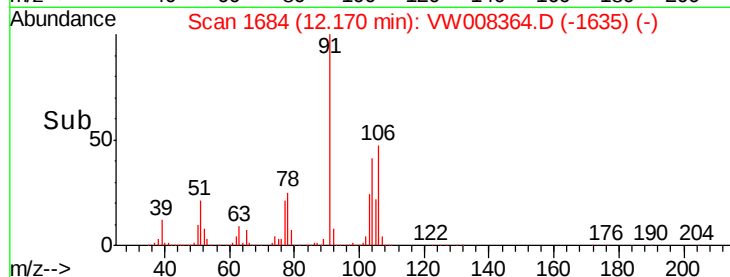
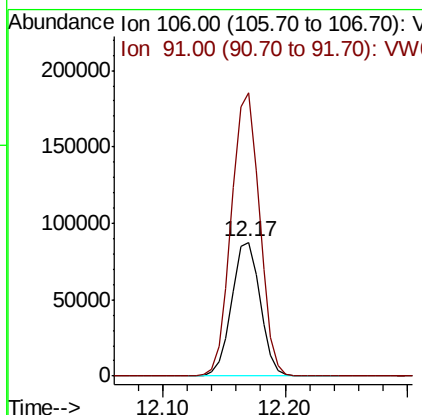
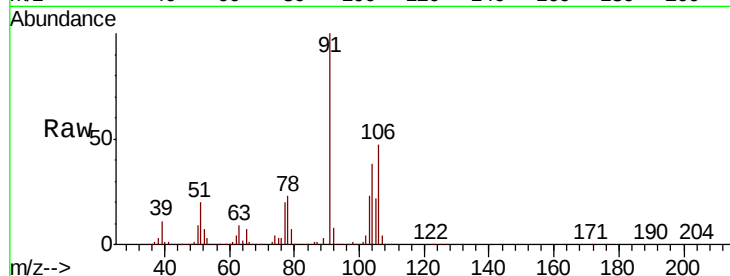




#69
o-Xylene
Concen: 51.758 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW008364.D
Acq: 18 Jan 2019 19:15

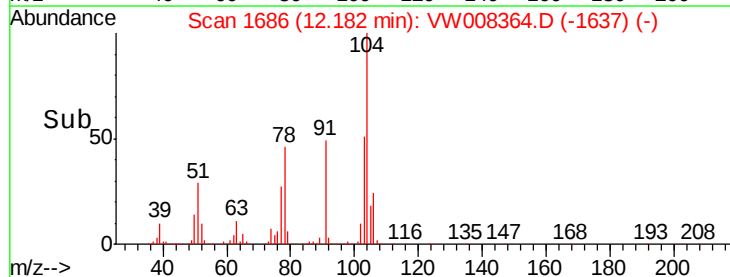
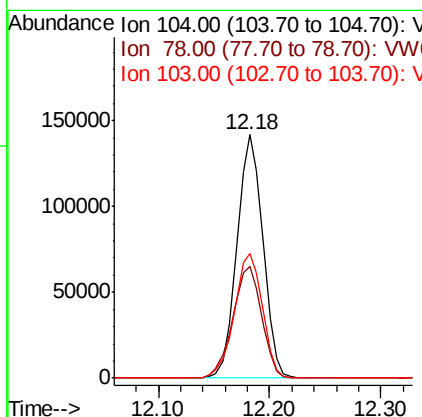
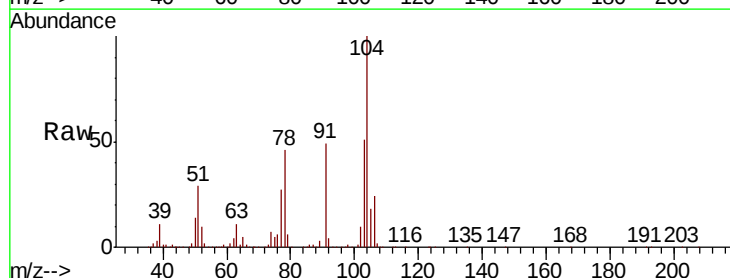
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

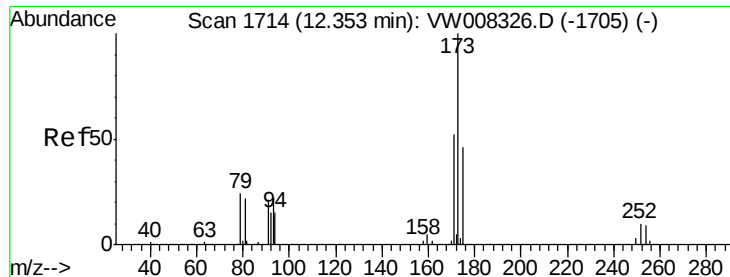
Tgt Ion:106 Resp: 140791
Ion Ratio Lower Upper
106 100
91 209.8 104.1 312.3



#70
Styrene
Concen: 52.366 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW008364.D
Acq: 18 Jan 2019 19:15

Tgt Ion:104 Resp: 228804
Ion Ratio Lower Upper
104 100
78 51.0 39.8 59.6
103 55.2 44.0 66.0





#71

Bromoform

Concen: 47.842 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. -0.00 min

Lab File: VW008364.D

Acq: 18 Jan 2019 19:15

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

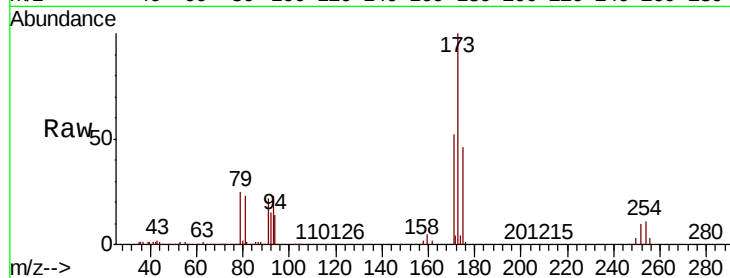
Tgt Ion:173 Resp: 35437

Ion Ratio Lower Upper

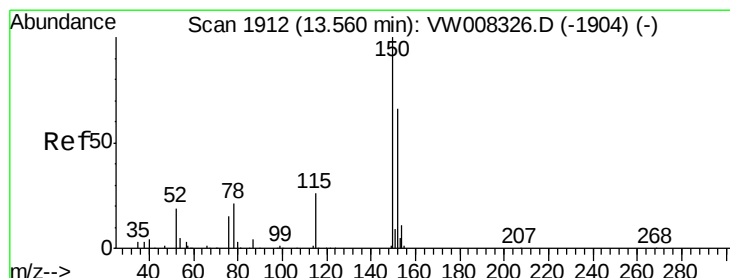
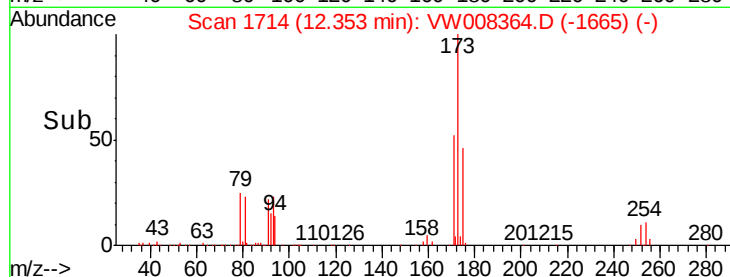
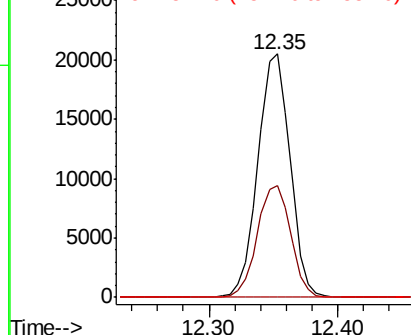
173 100

175 47.5 23.6 70.8

254 0.0 0.2 0.2#



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. -0.00 min

Lab File: VW008364.D

Acq: 18 Jan 2019 19:15

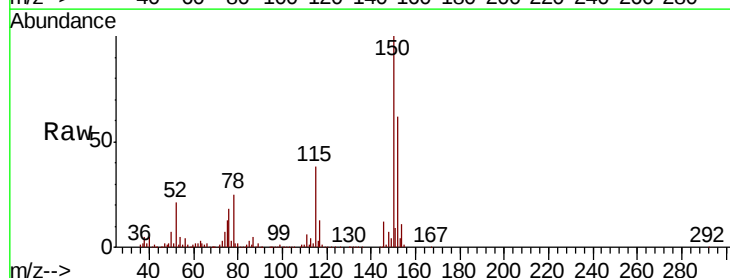
Tgt Ion:152 Resp: 100332

Ion Ratio Lower Upper

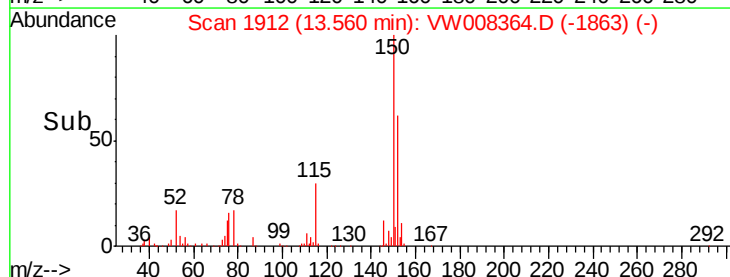
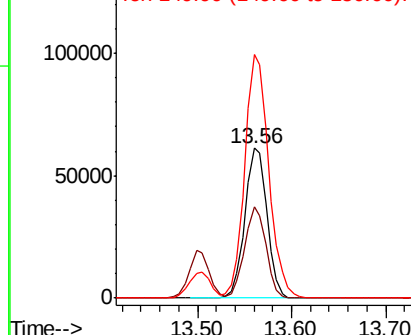
152 100

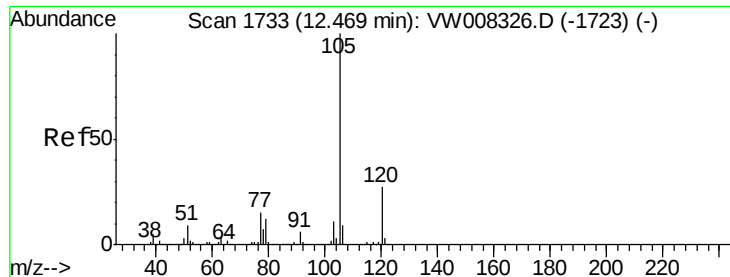
115 58.7 28.8 86.4

150 176.2 0.0 351.4



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 53.059 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. -0.00 min

Lab File: VW008364.D

Acq: 18 Jan 2019 19:15

Instrument :

MSVOA_W

ClientSampleId :

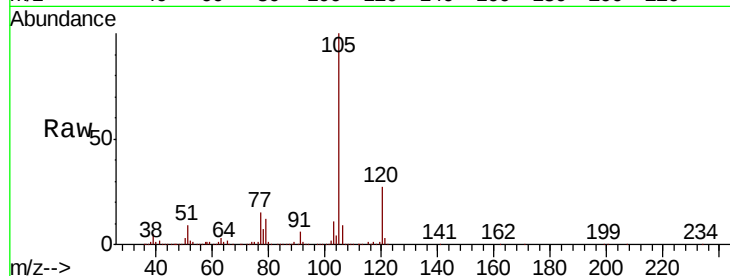
VSTDCCC050EC

Tgt Ion: 105 Resp: 387884

Ion Ratio Lower Upper

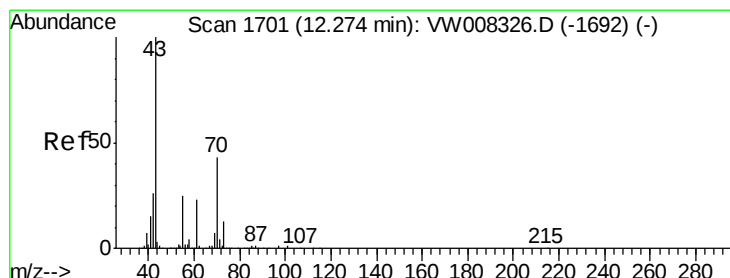
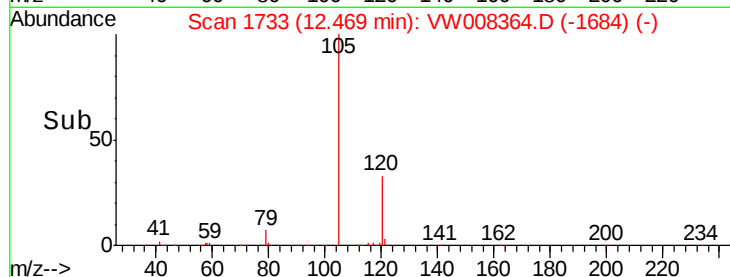
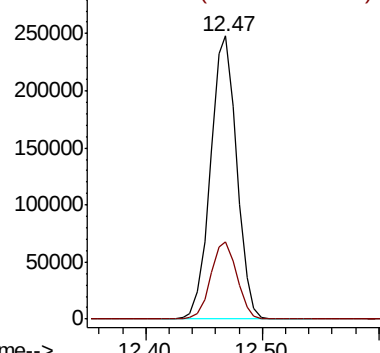
105 100

120 27.5 13.6 40.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 50.442 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. -0.00 min

Lab File: VW008364.D

Acq: 18 Jan 2019 19:15

Tgt Ion: 43 Resp: 79025

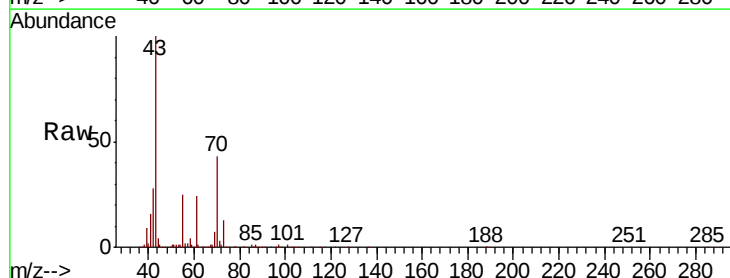
Ion Ratio Lower Upper

43 100

70 42.6 34.6 52.0

55 24.3 20.0 30.0

61 24.5 19.6 29.4

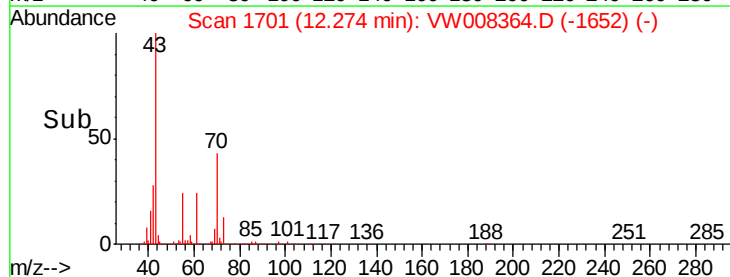
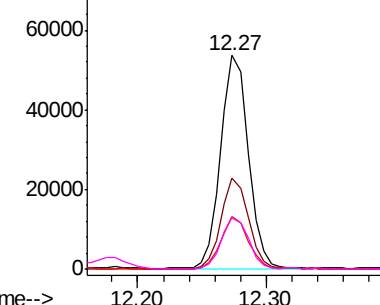


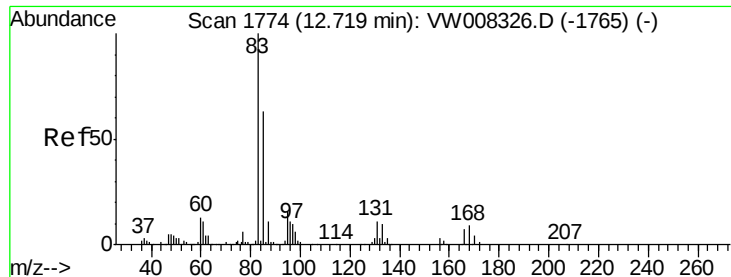
Abundance Ion 43.00 (42.70 to 43.70): VV

Ion 70.00 (69.70 to 70.70): VV

Ion 55.00 (54.70 to 55.70): VV

Ion 61.00 (60.70 to 61.70): VV





#75

1,1,2,2-Tetrachloroethane

Concen: 49.025 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. -0.00 min

Lab File: VW008364.D

Acq: 18 Jan 2019 19:15

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

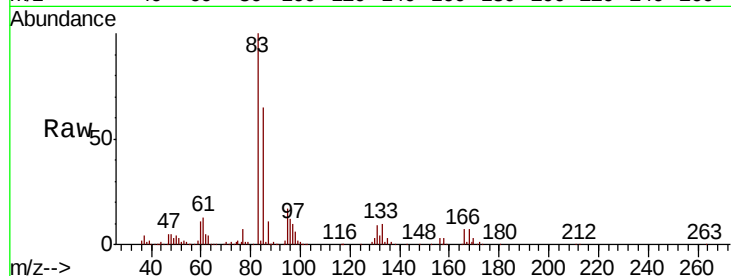
Tgt Ion: 83 Resp: 60960

Ion Ratio Lower Upper

83 100

131 10.9 5.5 16.5

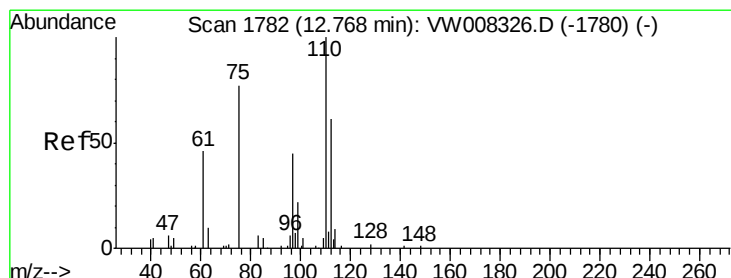
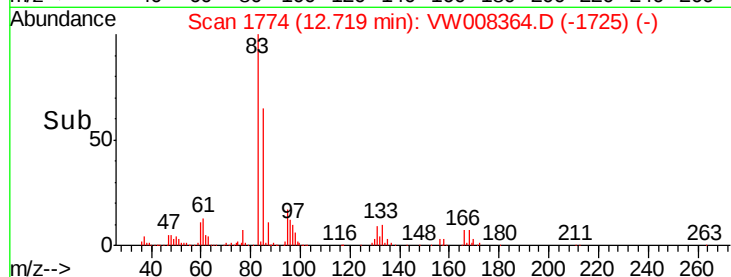
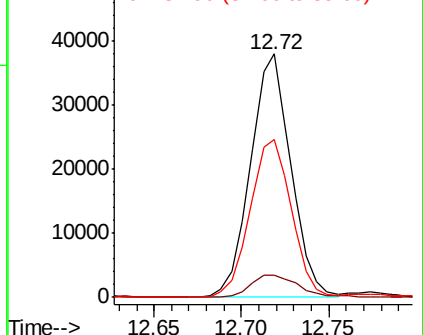
85 66.6 31.6 94.7



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): VW

Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 90.324 ug/l

RT: 12.77 min Scan# 1782

Delta R.T. -0.00 min

Lab File: VW008364.D

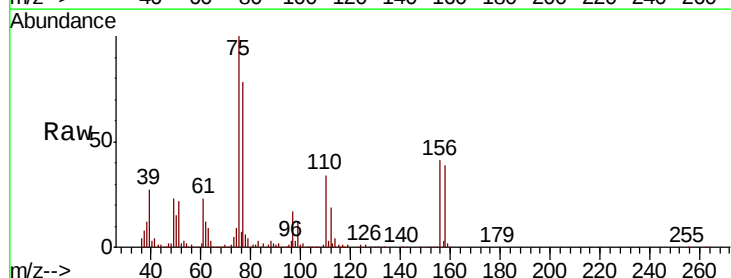
Acq: 18 Jan 2019 19:15

Tgt Ion: 75 Resp: 82527

Ion Ratio Lower Upper

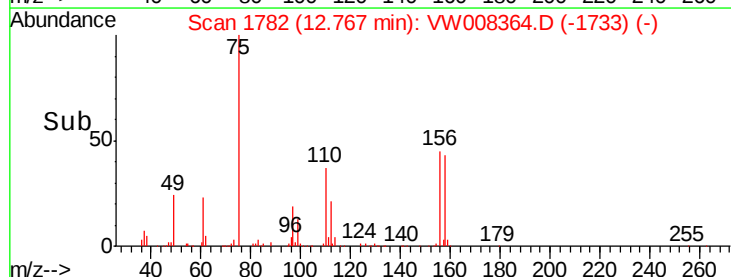
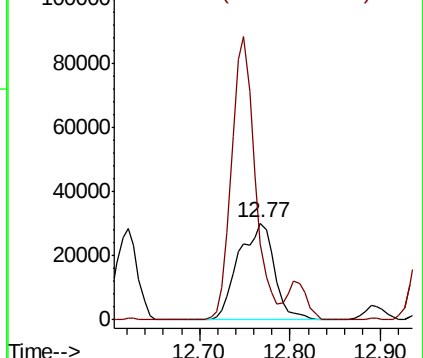
75 100

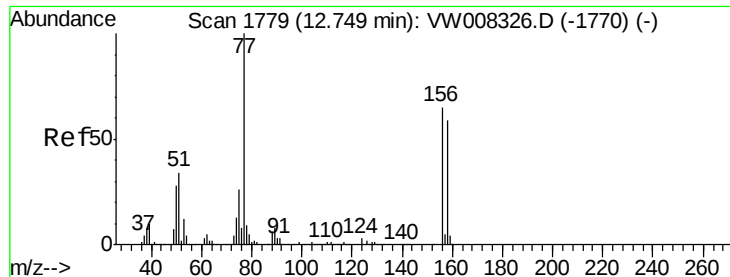
77 192.1 175.3 526.1



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 49.540 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VW008364.D

Acq: 18 Jan 2019 19:15

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

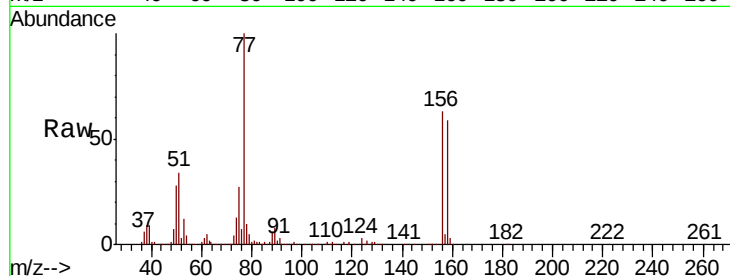
Tgt Ion:156 Resp: 86990

Ion Ratio Lower Upper

156 100

77 182.3 88.3 264.9

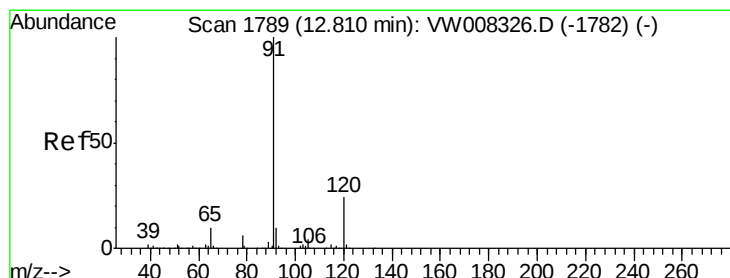
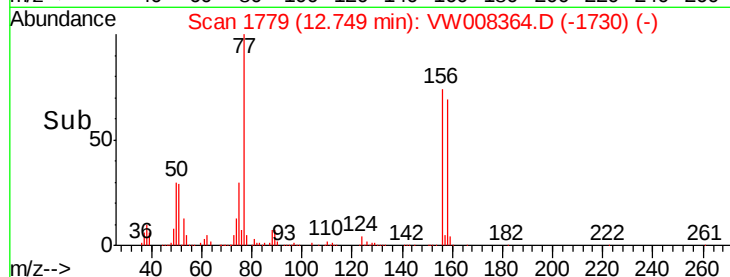
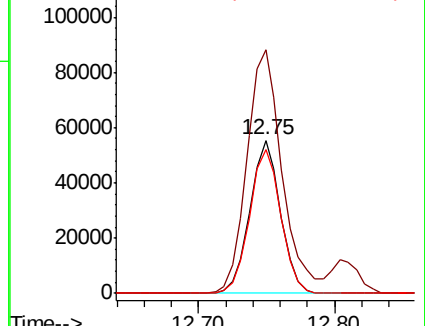
158 96.3 47.6 142.8



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 52.617 ug/l

RT: 12.81 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VW008364.D

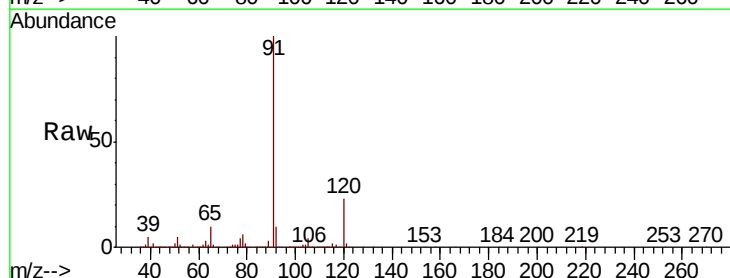
Acq: 18 Jan 2019 19:15

Tgt Ion: 91 Resp: 465582

Ion Ratio Lower Upper

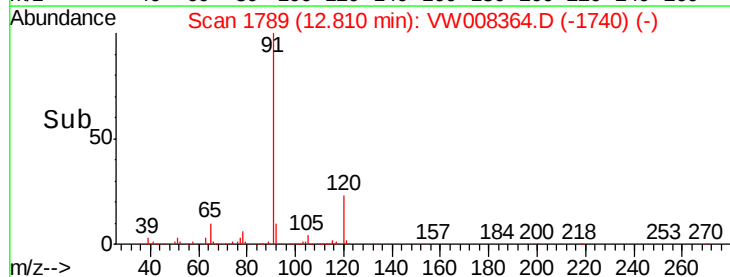
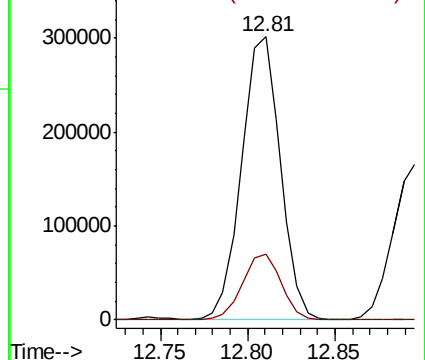
91 100

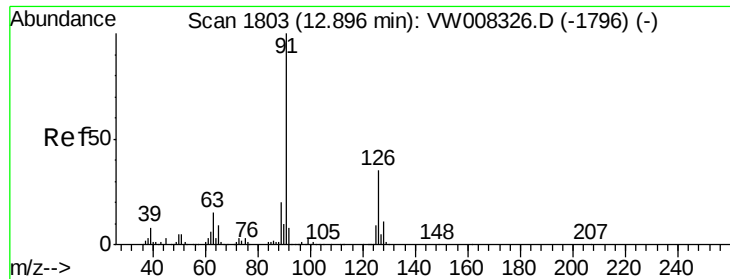
120 23.3 11.9 35.7



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V

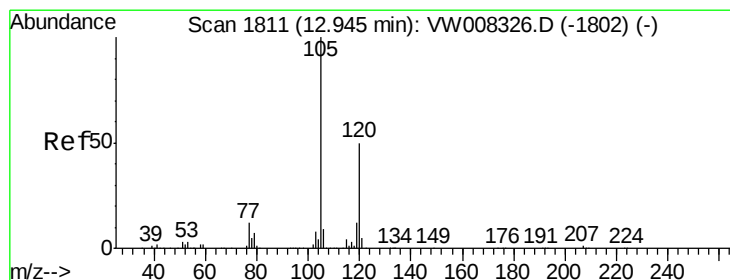
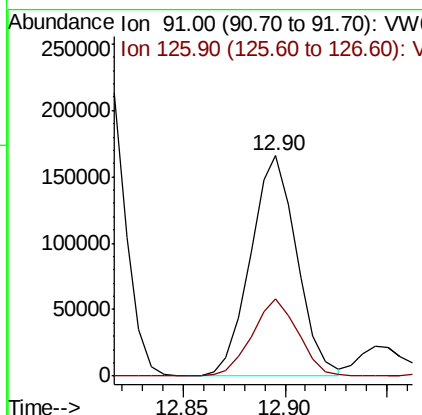
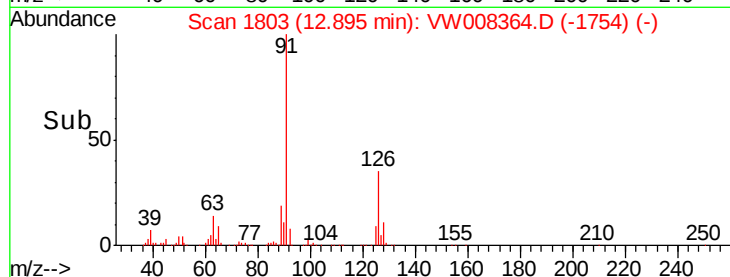
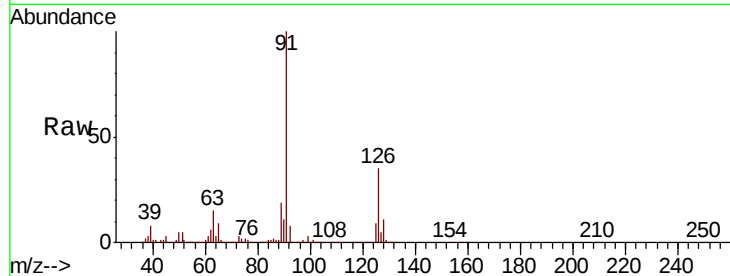




#79
 2-Chlorotoluene
 Concen: 51.742 ug/l
 RT: 12.90 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VW008364.D
 Acq: 18 Jan 2019 19:15

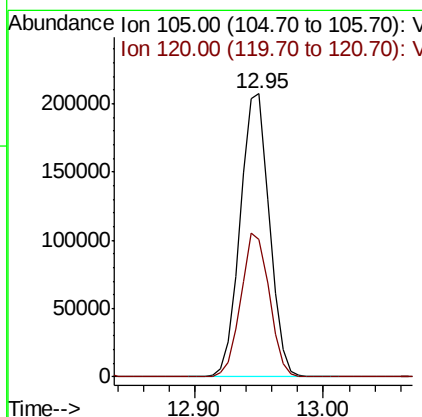
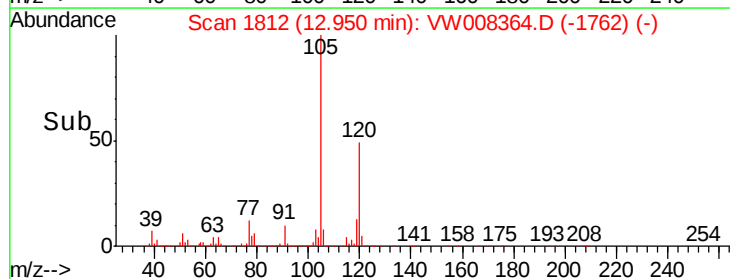
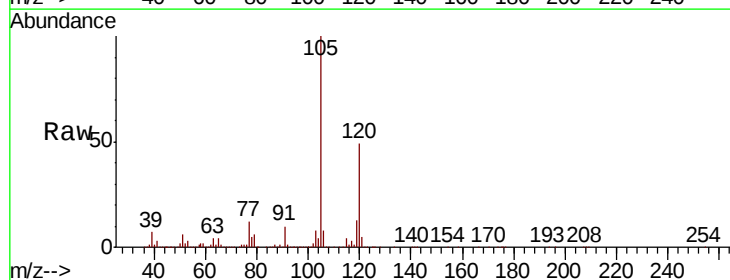
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

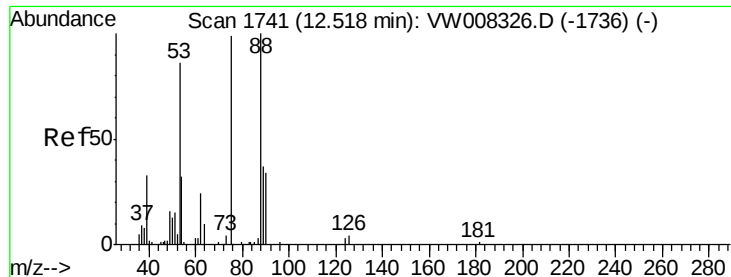
Tgt Ion: 91 Resp: 261586
 Ion Ratio Lower Upper
 91 100
 126 34.9 17.5 52.6



#80
 1,3,5-Trimethylbenzene
 Concen: 52.900 ug/l
 RT: 12.95 min Scan# 1812
 Delta R.T. 0.01 min
 Lab File: VW008364.D
 Acq: 18 Jan 2019 19:15

Tgt Ion: 105 Resp: 322713
 Ion Ratio Lower Upper
 105 100
 120 49.9 25.6 76.8





#81

trans-1,4-Dichloro-2-butene

Concen: 47.641 ug/l

RT: 12.52 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VW008364.D

Acq: 18 Jan 2019 19:15

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

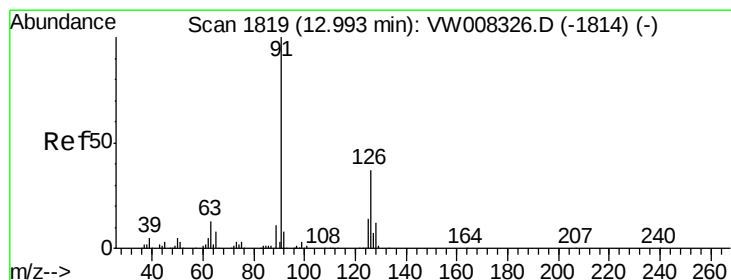
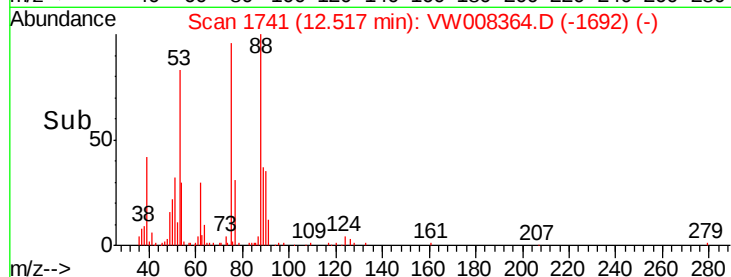
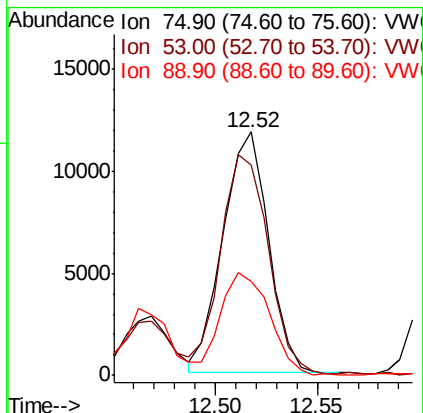
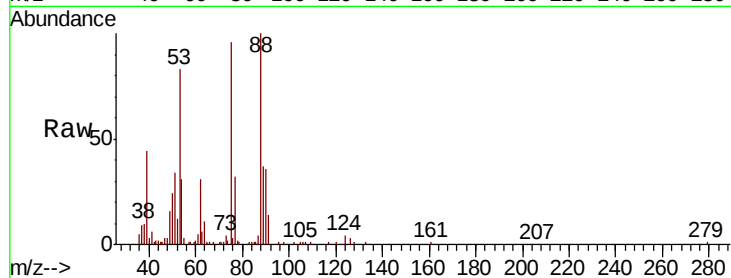
Tgt Ion: 75 Resp: 18240

Ion Ratio Lower Upper

75 100

53 96.0 76.2 114.4

89 45.6 36.7 55.1



#82

4-Chlorotoluene

Concen: 51.724 ug/l

RT: 12.99 min Scan# 1819

Delta R.T. -0.00 min

Lab File: VW008364.D

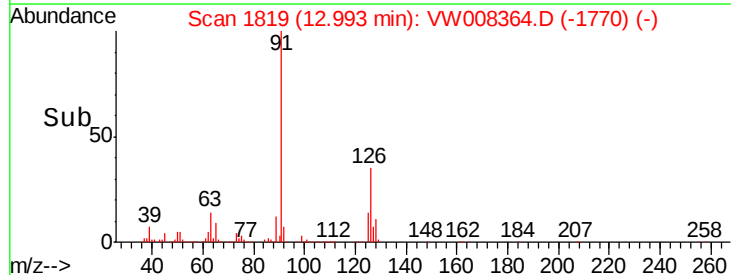
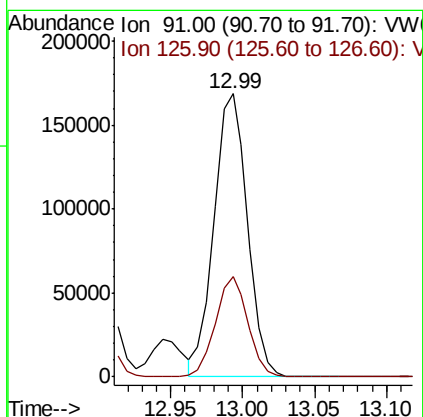
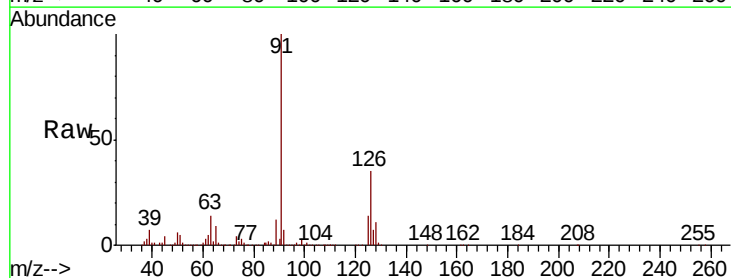
Acq: 18 Jan 2019 19:15

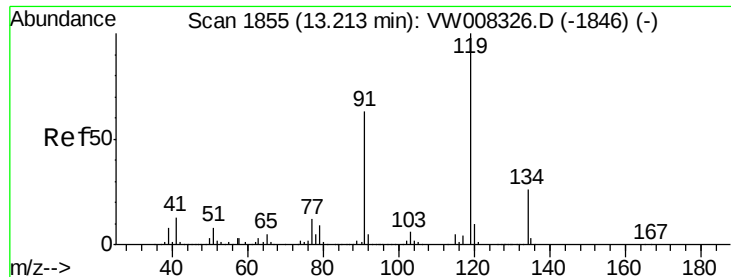
Tgt Ion: 91 Resp: 273257

Ion Ratio Lower Upper

91 100

126 34.5 17.8 53.3

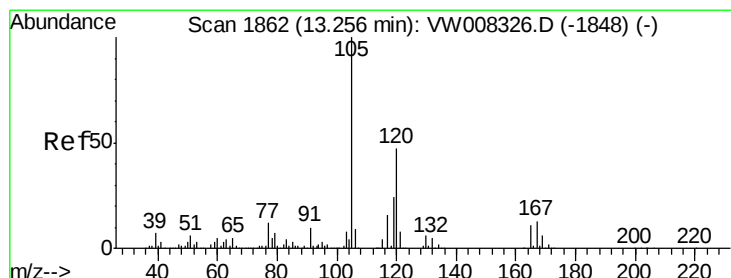
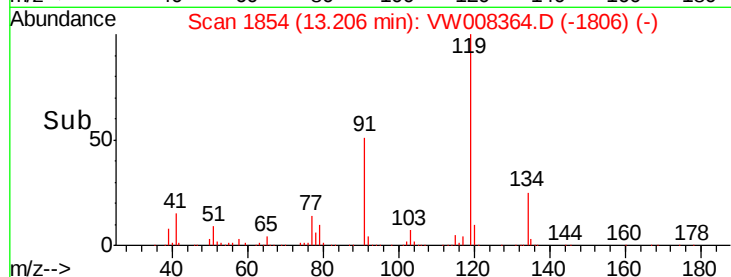
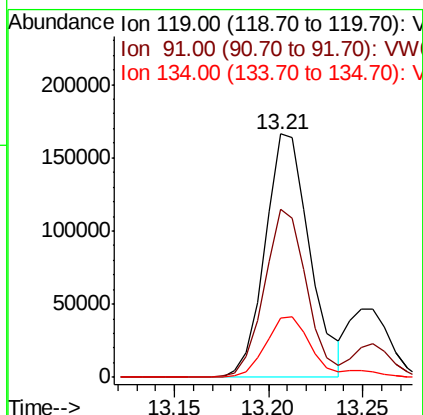
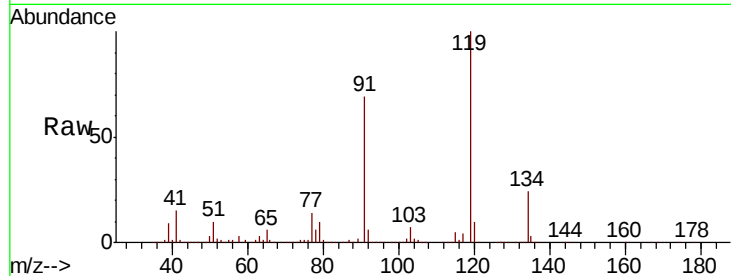




#83
 tert-Butylbenzene
 Concen: 50.929 ug/l
 RT: 13.21 min Scan# 1854
 Delta R.T. -0.01 min
 Lab File: VW008364.D
 Acq: 18 Jan 2019 19:15

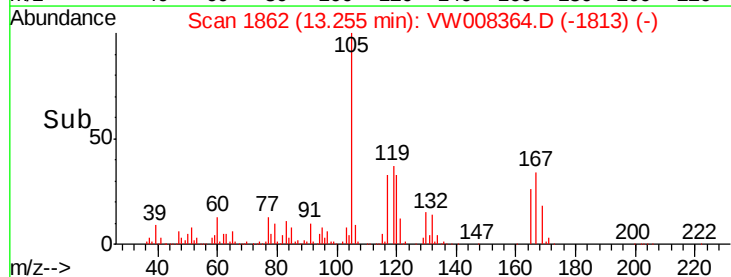
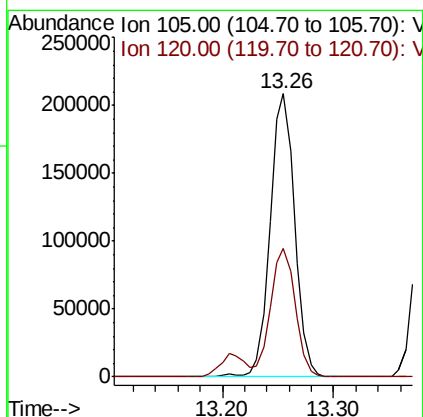
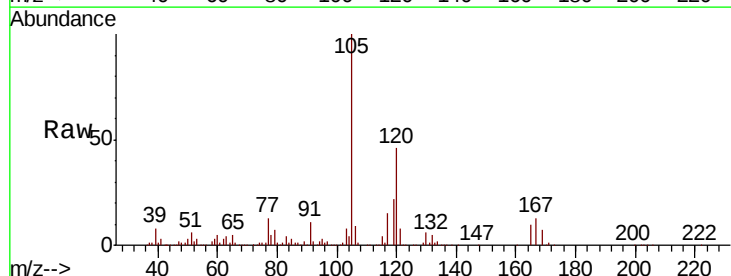
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

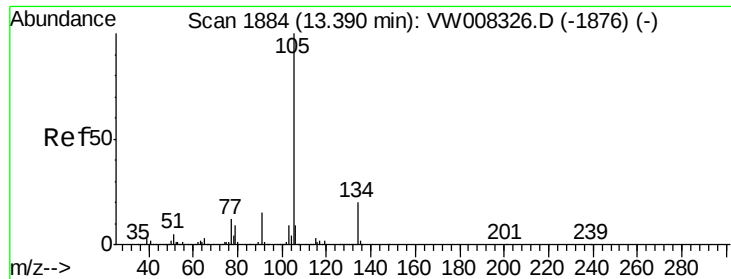
Tgt Ion:119 Resp: 273453
 Ion Ratio Lower Upper
 119 100
 91 65.1 32.4 97.0
 134 26.7 13.9 41.7



#84
 1,2,4-Trimethylbenzene
 Concen: 51.591 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. -0.00 min
 Lab File: VW008364.D
 Acq: 18 Jan 2019 19:15

Tgt Ion:105 Resp: 320613
 Ion Ratio Lower Upper
 105 100
 120 45.8 23.5 70.6





#85

sec-Butylbenzene

Concen: 51.328 ug/l

RT: 13.39 min Scan# 1884

Delta R.T. -0.00 min

Lab File: VW008364.D

Acq: 18 Jan 2019 19:15

Instrument :

MSVOA_W

ClientSampleId :

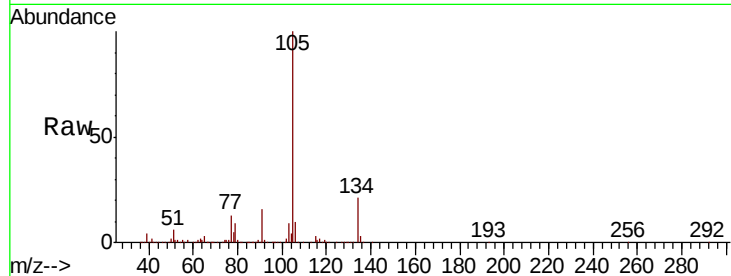
VSTDCCC050EC

Tgt Ion:105 Resp: 395688

Ion Ratio Lower Upper

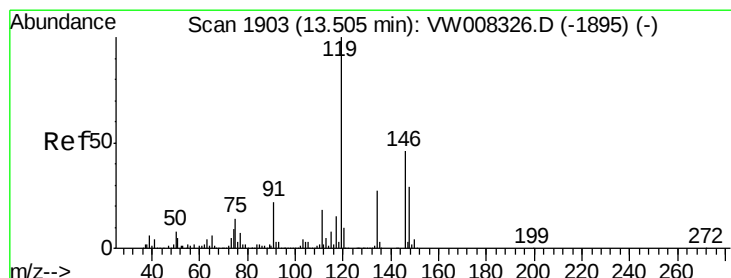
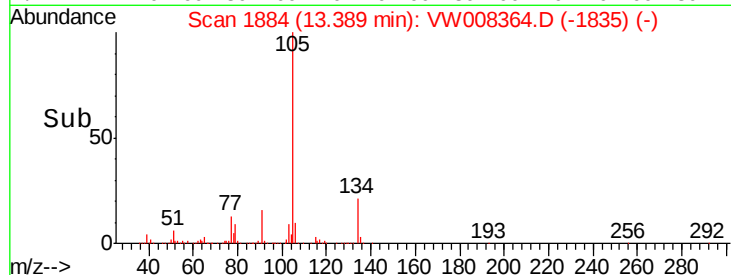
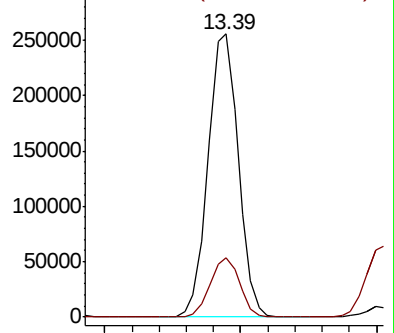
105 100

134 20.6 10.1 30.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 53.549 ug/l

RT: 13.51 min Scan# 1903

Delta R.T. -0.00 min

Lab File: VW008364.D

Acq: 18 Jan 2019 19:15

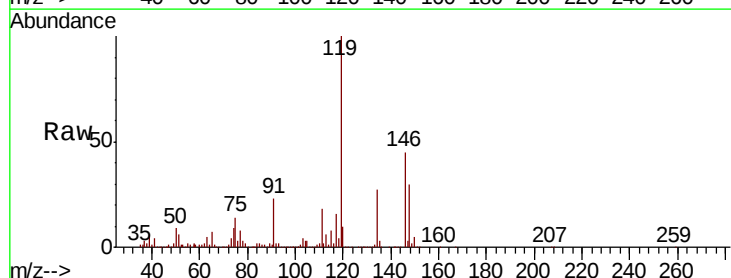
Tgt Ion:119 Resp: 360552

Ion Ratio Lower Upper

119 100

134 26.6 13.7 41.0

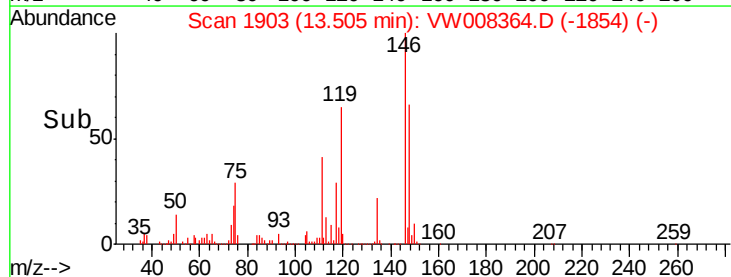
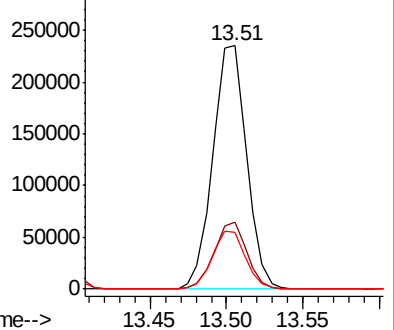
91 23.5 11.4 34.2

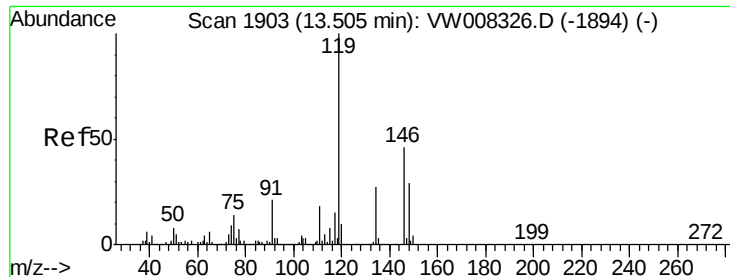


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

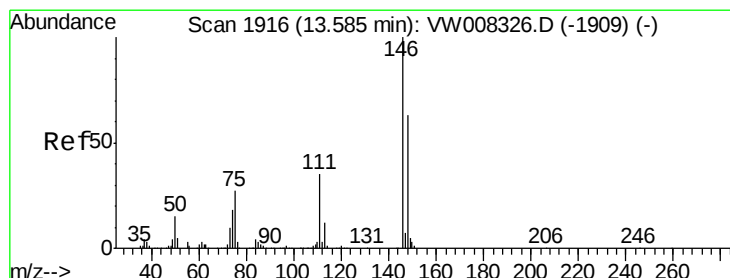
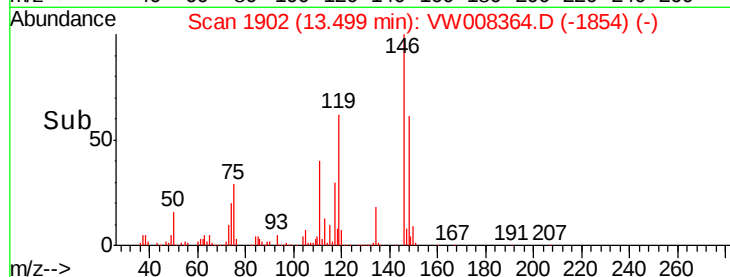
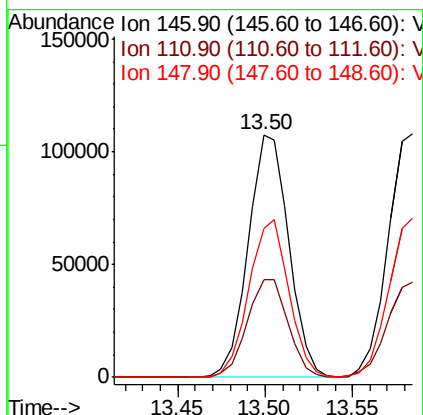
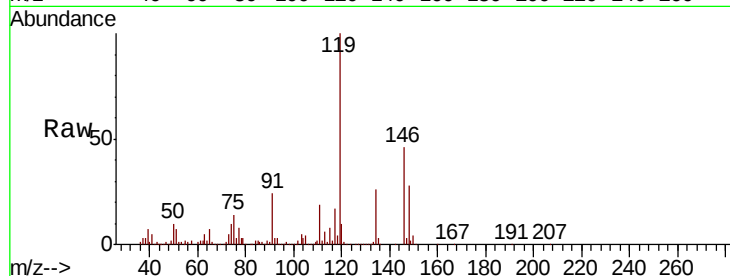




#87
 1,3-Dichlorobenzene
 Concen: 49.987 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.01 min
 Lab File: VW008364.D
 Acq: 18 Jan 2019 19:15

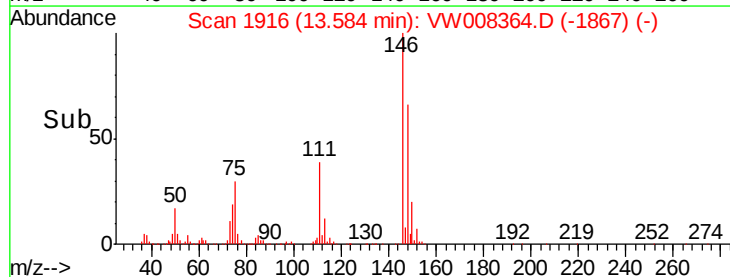
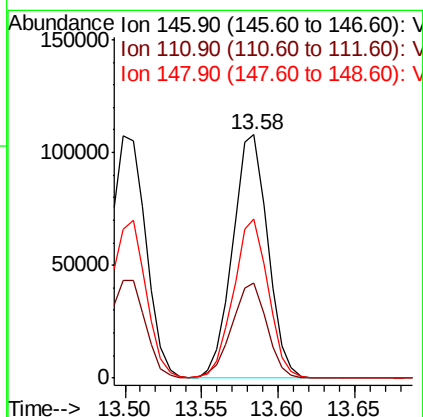
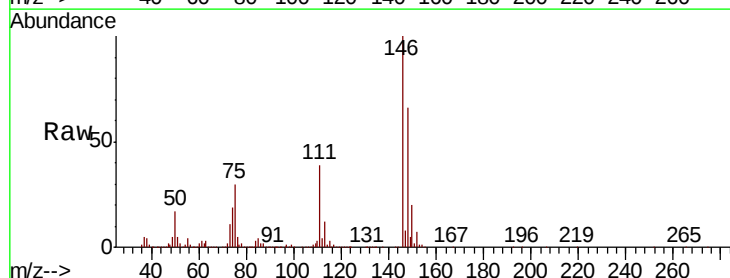
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

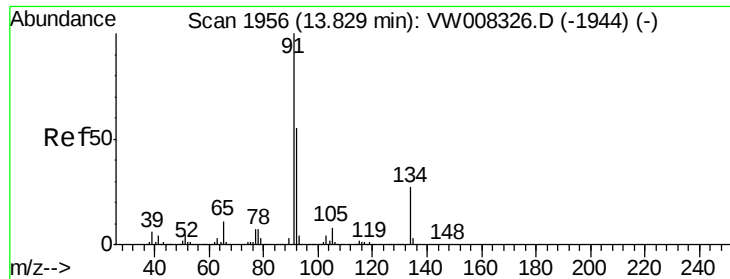
Tgt Ion:146 Resp: 174401
 Ion Ratio Lower Upper
 146 100
 111 40.6 19.9 59.7
 148 64.2 31.4 94.3



#88
 1,4-Dichlorobenzene
 Concen: 49.104 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. -0.00 min
 Lab File: VW008364.D
 Acq: 18 Jan 2019 19:15

Tgt Ion:146 Resp: 171639
 Ion Ratio Lower Upper
 146 100
 111 39.1 18.9 56.5
 148 64.8 31.6 94.8





#89

n-Butylbenzene

Concen: 53.691 ug/l

RT: 13.83 min Scan# 1956

Delta R.T. -0.00 min

Lab File: VW008364.D

Acq: 18 Jan 2019 19:15

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

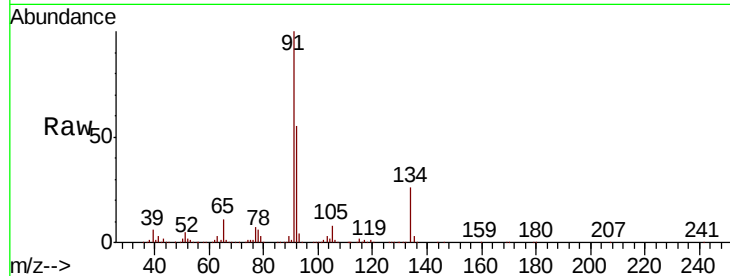
Tgt Ion: 91 Resp: 346769

Ion Ratio Lower Upper

91 100

92 54.3 27.2 81.6

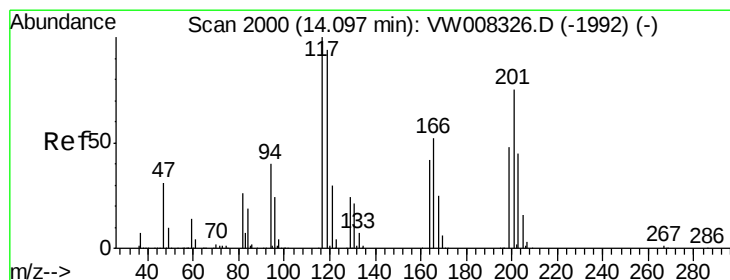
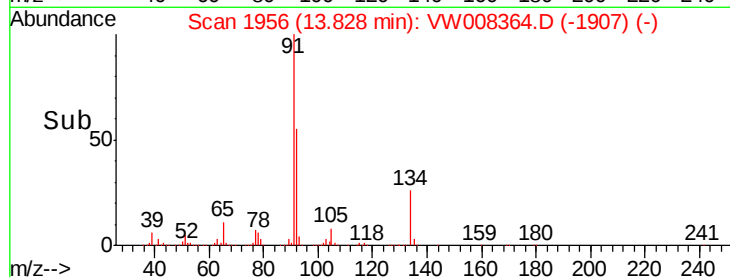
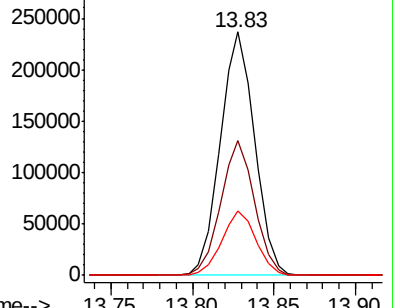
134 26.3 13.4 40.1



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 92.00 (91.70 to 92.70): VW

Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: 51.566 ug/l

RT: 14.10 min Scan# 2000

Delta R.T. -0.00 min

Lab File: VW008364.D

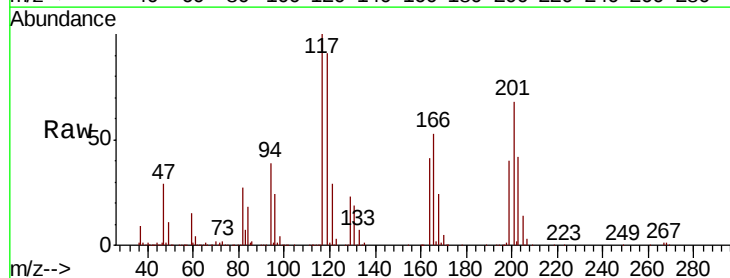
Acq: 18 Jan 2019 19:15

Tgt Ion: 117 Resp: 64254

Ion Ratio Lower Upper

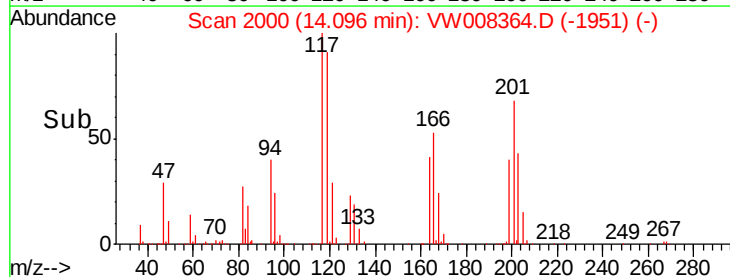
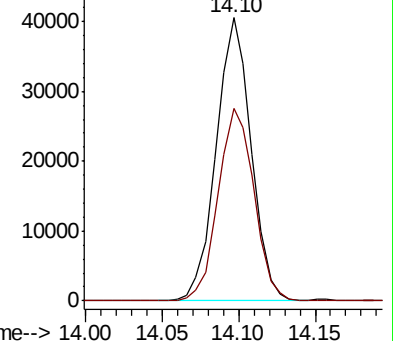
117 100

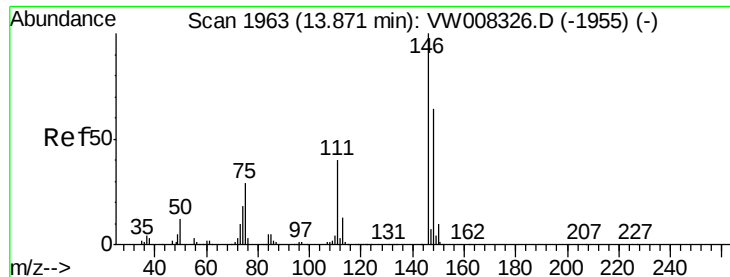
201 70.0 39.3 117.9



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V





#91

1,2-Dichlorobenzene

Concen: 49.254 ug/l

RT: 13.87 min Scan# 1963

Delta R.T. -0.00 min

Lab File: VW008364.D

Acq: 18 Jan 2019 19:15

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

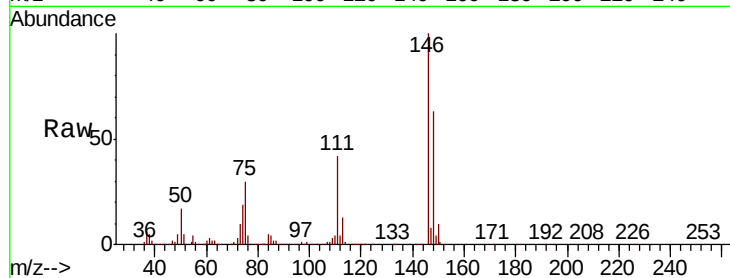
Tgt Ion:146 Resp: 151720

Ion Ratio Lower Upper

146 100

111 41.1 19.6 58.8

148 64.1 31.7 95.1

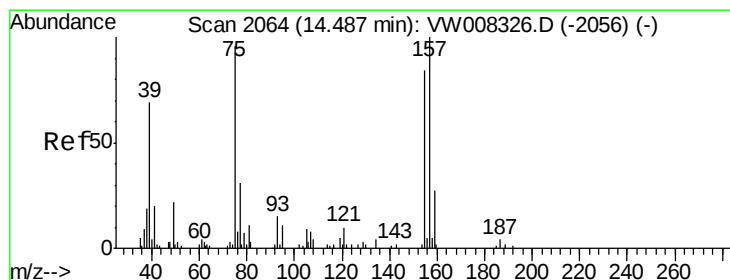
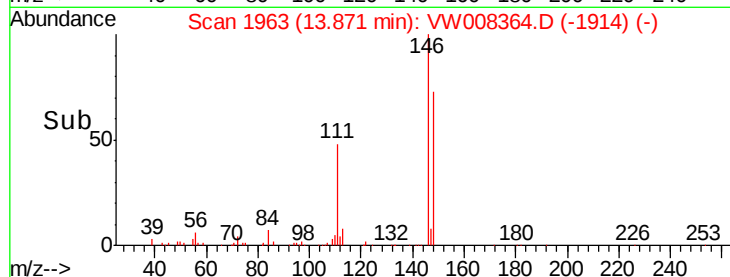
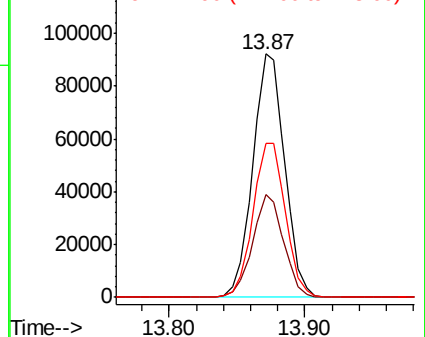


Abundance

Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 48.991 ug/l

RT: 14.49 min Scan# 2065

Delta R.T. 0.01 min

Lab File: VW008364.D

Acq: 18 Jan 2019 19:15

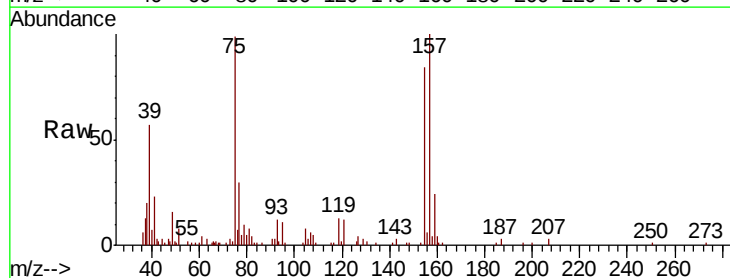
Tgt Ion: 75 Resp: 9961

Ion Ratio Lower Upper

75 100

155 83.4 44.7 134.1

157 96.7 53.9 161.8

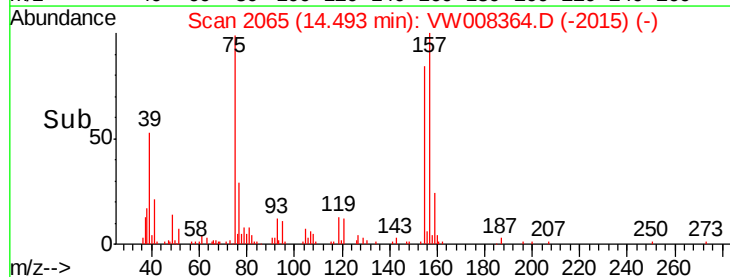
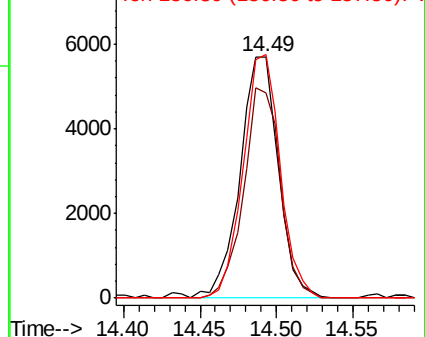


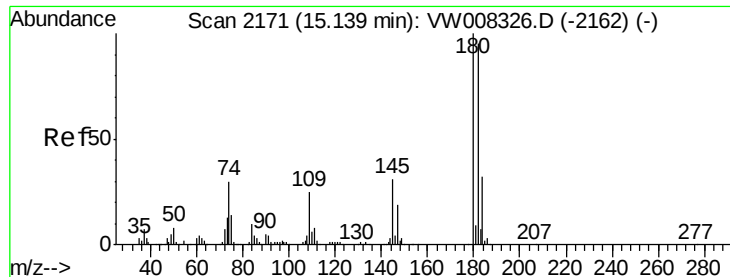
Abundance

Ion 74.90 (74.60 to 75.60): VW

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

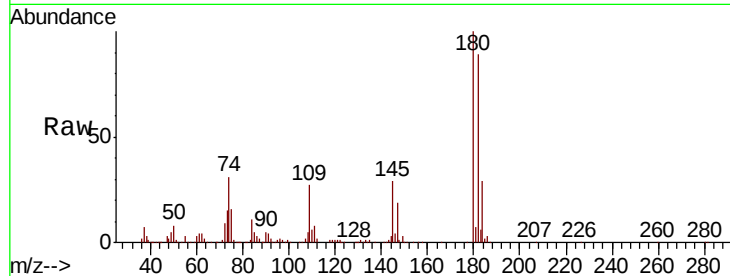




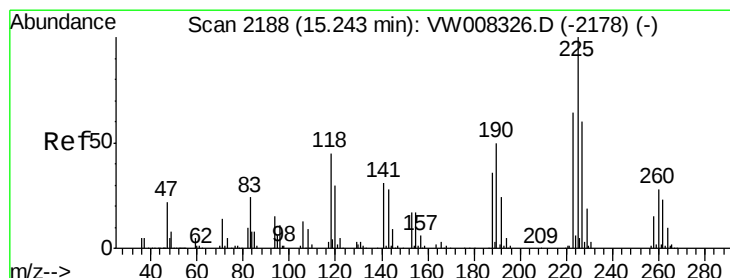
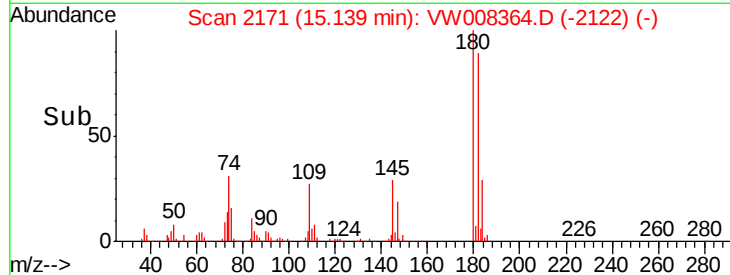
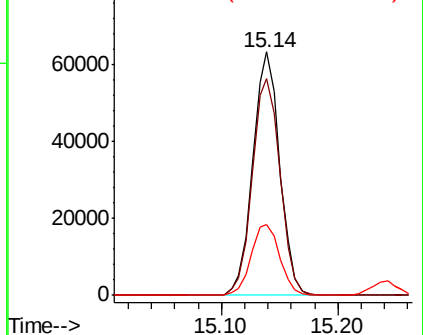
#93
 1,2,4-Trichlorobenzene
 Concen: 48.827 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. -0.00 min
 Lab File: VW008364.D
 Acq: 18 Jan 2019 19:15

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:180 Resp: 101815
 Ion Ratio Lower Upper
 180 100
 182 92.4 47.6 142.8
 145 31.1 14.8 44.4

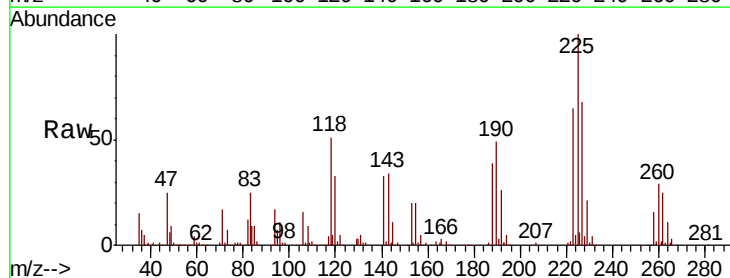


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

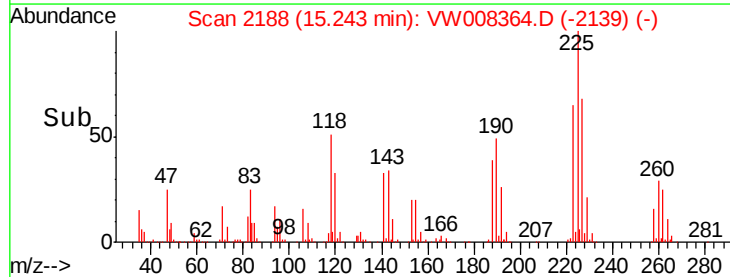
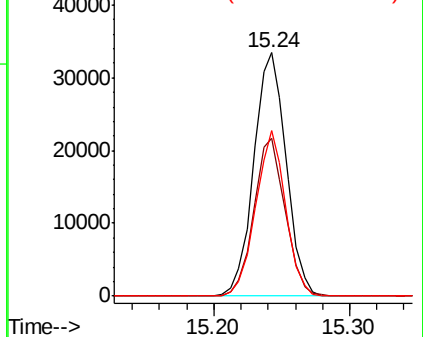


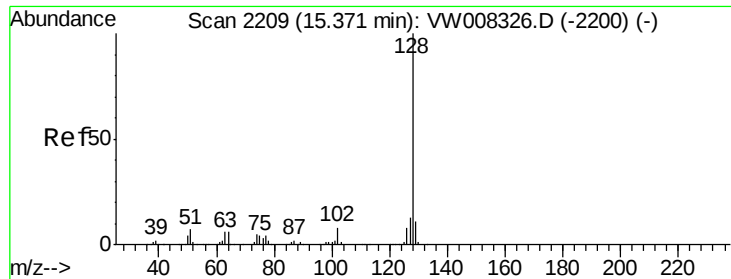
#94
 Hexachlorobutadiene
 Concen: 47.542 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. -0.00 min
 Lab File: VW008364.D
 Acq: 18 Jan 2019 19:15

Tgt Ion:225 Resp: 55871
 Ion Ratio Lower Upper
 225 100
 223 62.7 31.1 93.3
 227 62.9 30.3 90.8



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V

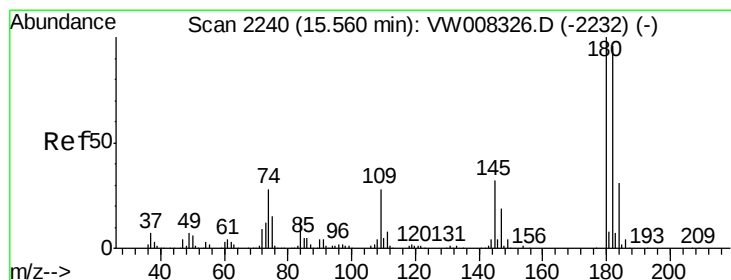
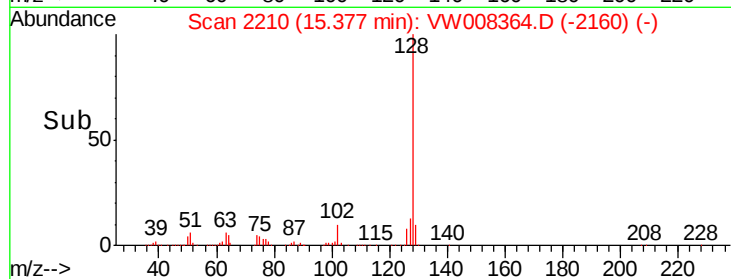
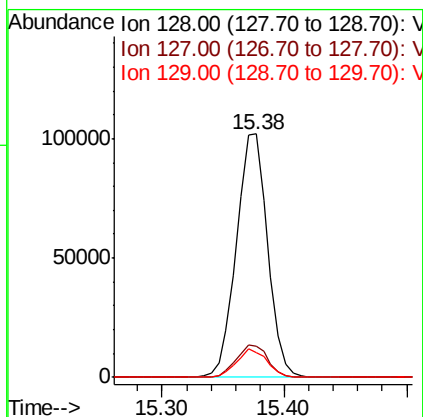
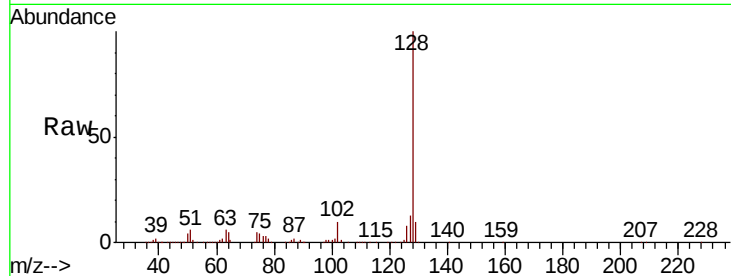




#95
Naphthalene
Concen: 46.941 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. 0.01 min
Lab File: VW008364.D
Acq: 18 Jan 2019 19:15

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tgt Ion:128 Resp: 180202
Ion Ratio Lower Upper
128 100
127 13.8 10.5 15.7
129 11.2 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 48.229 ug/l
RT: 15.56 min Scan# 2240
Delta R.T. -0.00 min
Lab File: VW008364.D
Acq: 18 Jan 2019 19:15

Tgt Ion:180 Resp: 87597
Ion Ratio Lower Upper
180 100
182 94.9 47.3 141.9
145 32.7 16.2 48.6

