

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW120518\
 Data File : VW007253.D
 Acq On : 06 Dec 2018 00:42
 Operator : SY/AP
 Sample : VSTDCCC050EC
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Dec 06 06:25:53 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W120418S.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 05 01:35:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	94414	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	151060	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	138186	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	67775	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	45331	51.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.14%	
35) Dibromofluoromethane	7.89	113	44463	51.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.80%	
50) Toluene-d8	10.33	98	196055	51.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.92%	
62) 4-Bromofluorobenzene	12.62	95	72466	50.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.78%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	48696	47.142	ug/l	100
3) Chloromethane	2.22	50	59152	45.219	ug/l	97
4) Vinyl Chloride	2.36	62	41235	50.346	ug/l	99
5) Bromomethane	2.76	94	26347	64.195	ug/l	94
6) Chloroethane	2.92	64	24673	53.689	ug/l	98
7) Trichlorofluoromethane	3.26	101	79696	49.909	ug/l	98
8) Diethyl Ether	3.69	74	23675	53.190	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.07	101	47929	49.687	ug/l	98
10) Methyl Iodide	4.27	142	42620	51.866	ug/l	100
11) Tert butyl alcohol	5.17	59	18058	212.370	ug/l	98
12) 1,1-Dichloroethene	4.04	96	45695	50.548	ug/l	97
13) Acrolein	3.90	56	14780	239.961	ug/l	99
14) Allyl chloride	4.68	41	73424	50.672	ug/l	97
15) Acrylonitrile	5.38	53	49762	267.429	ug/l	99
16) Acetone	4.12	43	43573	209.388	ug/l	99
17) Carbon Disulfide	4.38	76	148144	49.716	ug/l	99
18) Methyl Acetate	4.68	43	24107	50.751	ug/l	98
19) Methyl tert-butyl Ether	5.43	73	116025	54.513	ug/l	99
20) Methylene Chloride	4.93	84	58439	56.436	ug/l	97
21) trans-1,2-Dichloroethene	5.43	96	53003	52.510	ug/l	95
22) Diisopropyl ether	6.32	45	146224	56.214	ug/l	96
23) Vinyl Acetate	6.26	43	382015	269.151	ug/l	99
24) 1,1-Dichloroethane	6.23	63	89651	53.773	ug/l	99
25) 2-Butanone	7.17	43	58220	241.349	ug/l	97
26) 2,2-Dichloropropane	7.17	77	78461	48.972	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	58665	54.216	ug/l	100
28) Bromochloromethane	7.52	49	32354	53.819	ug/l	98
29) Tetrahydrofuran	7.53	42	38540	258.540	ug/l	100
30) Chloroform	7.68	83	96554	55.725	ug/l	99
31) Cyclohexane	7.96	56	83570	47.908	ug/l	96
32) 1,1,1-Trichloroethane	7.88	97	89740	55.035	ug/l	99
36) 1,1-Dichloropropene	8.09	75	76110	51.781	ug/l	100
37) Ethyl Acetate	7.26	43	26805	50.416	ug/l	99
38) Carbon Tetrachloride	8.07	117	78045	52.022	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	96611	49.100	ug/l	97
40) Benzene	8.33	78	221668	54.998	ug/l	98
41) Methacrylonitrile	7.49	41	16171	50.778	ug/l	93
42) 1,2-Dichloroethane	8.40	62	60156	53.404	ug/l	99
43) Isopropyl Acetate	8.43	43	54167	52.456	ug/l	99
44) Trichloroethene	9.10	130	60875	53.732	ug/l	98
45) 1,2-Dichloropropane	9.37	63	49622	52.906	ug/l	99
46) Dibromomethane	9.46	93	25747	52.828	ug/l	98
47) Bromodichloromethane	9.65	83	70053	54.643	ug/l	100
48) Methyl methacrylate	9.44	41	28132	52.491	ug/l	96
49) 1,4-Dioxane	9.44	88	9561	1122.986	ug/l	94
51) 4-Methyl-2-Pentanone	10.21	43	138143	271.464	ug/l	99
52) Toluene	10.39	92	151530	54.047	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	68854	53.420	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	79664	52.740	ug/l	96
55) 1,1,2-Trichloroethane	10.79	97	36520	52.679	ug/l	93
56) Ethyl methacrylate	10.65	69	50322	55.647	ug/l	96
57) 1,3-Dichloropropane	10.94	76	60093	51.343	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	94007	258.812	ug/l	99
59) 2-Hexanone	10.97	43	95894	259.949	ug/l	100
60) Dibromochloromethane	11.13	129	46017	54.008	ug/l	99
61) 1,2-Dibromoethane	11.24	107	37299	56.095	ug/l	98
64) Tetrachloroethene	10.87	164	56726	56.186	ug/l	97
65) Chlorobenzene	11.66	112	168504	54.599	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.73	131	52399	54.976	ug/l	100
67) Ethyl Benzene	11.74	91	290178	51.588	ug/l	98
68) m/p-Xylenes	11.84	106	226168	102.493	ug/l	94
69) o-Xylene	12.17	106	111791	54.223	ug/l	100
70) Styrene	12.19	104	178170	52.793	ug/l	96
71) Bromoform	12.35	173	26098	54.698	ug/l	# 99
73) Isopropylbenzene	12.47	105	305290	55.383	ug/l	98
74) N-amyl acetate	12.27	43	54948	56.222	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	38117	53.243	ug/l	98
76) 1,2,3-Trichloropropane	12.77	75	55817	106.361	ug/l	# 100
77) Bromobenzene	12.75	156	67042	56.344	ug/l	97
78) n-propylbenzene	12.81	91	353888	53.886	ug/l	96
79) 2-Chlorotoluene	12.90	91	197616	53.286	ug/l	95
80) 1,3,5-Trimethylbenzene	12.95	105	246736	52.322	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.52	75	12879	52.895	ug/l	98
82) 4-Chlorotoluene	12.99	91	212503	53.862	ug/l	97
83) tert-Butylbenzene	13.21	119	223283	54.181	ug/l	96
84) 1,2,4-Trimethylbenzene	13.26	105	251297	52.205	ug/l	94
85) sec-Butylbenzene	13.39	105	312219	53.069	ug/l	98
86) p-Isopropyltoluene	13.51	119	275357	52.577	ug/l	98
87) 1,3-Dichlorobenzene	13.51	146	134883	55.221	ug/l	95
88) 1,4-Dichlorobenzene	13.58	146	130902	53.054	ug/l	97
89) n-Butylbenzene	13.83	91	243996	49.856	ug/l	99
90) Hexachloroethane	14.10	117	42572	53.342	ug/l	100
91) 1,2-Dichlorobenzene	13.88	146	114455	54.127	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	7510	54.152	ug/l	97

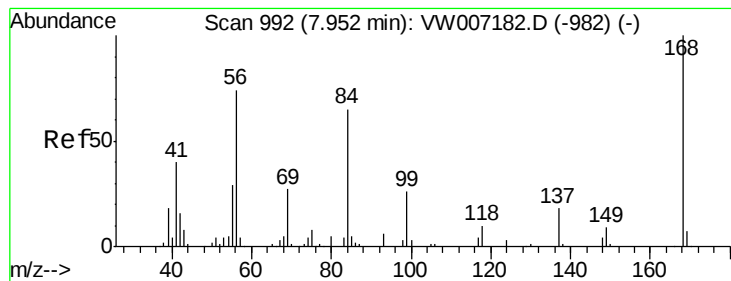
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	79335	54.138	ug/l	98
94) Hexachlorobutadiene	15.24	225	44291	56.048	ug/l	96
95) Naphthalene	15.38	128	140087	53.339	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	66189	53.565	ug/l	99

(#) = 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. -0.00 min

Lab File: VW007253.D

Acq: 06 Dec 2018 00:42

Instrument :

MSVOA_W

ClientSampleId :

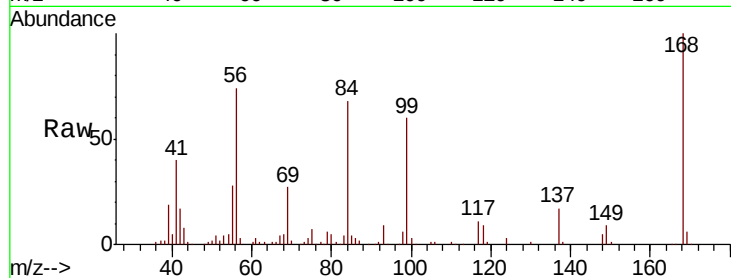
VSTDCCC050EC

Tot Ion:168 Resp: 94414

Ion Ratio Lower Upper

168 100

99 60.5 47.8 71.8



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.95

40000

30000

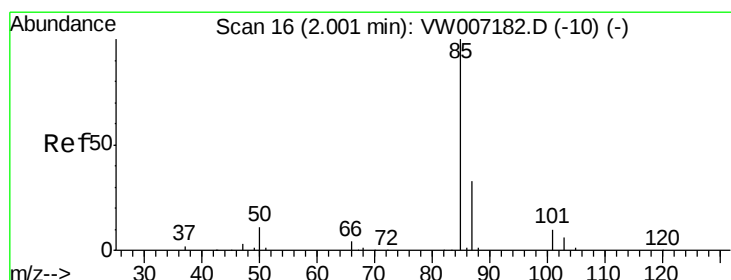
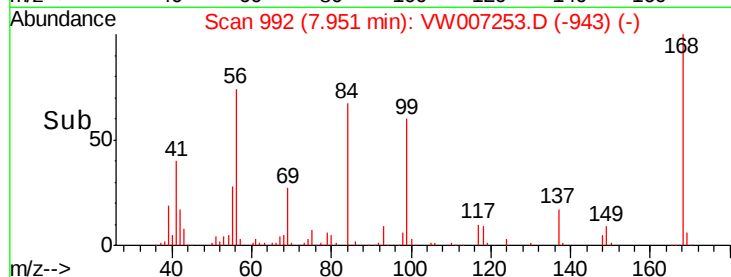
20000

10000

0

7.90 8.00 8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 47.142 ug/l

RT: 2.00 min Scan# 16

Delta R.T. -0.00 min

Lab File: VW007253.D

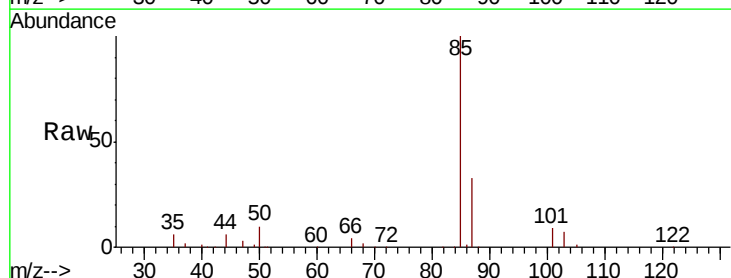
Acq: 06 Dec 2018 00:42

Tgt Ion: 85 Resp: 48696

Ion Ratio Lower Upper

85 100

87 33.2 16.5 49.5



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

40000

30000

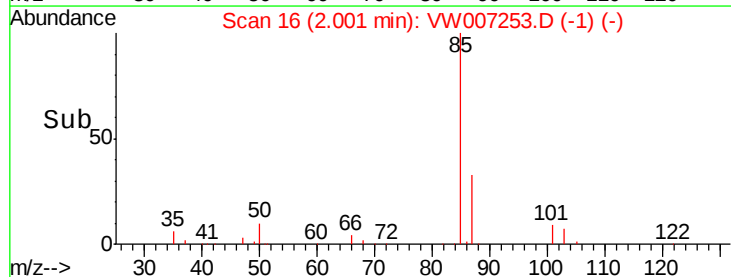
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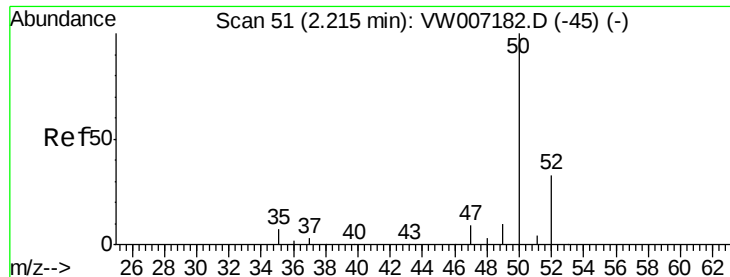
10000

0

1.95 2.00 2.05 2.10

Time-->





#3

Chloromethane

Concen: 45.219 ug/l

RT: 2.22 min Scan# 52

Delta R.T. 0.01 min

Lab File: VW007253.D

Acq: 06 Dec 2018 00:42

Instrument :

MSVOA_W

ClientSampleId :

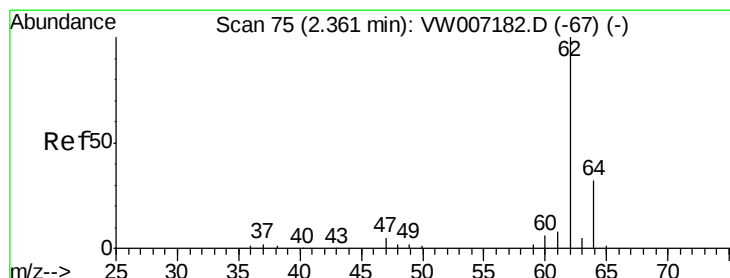
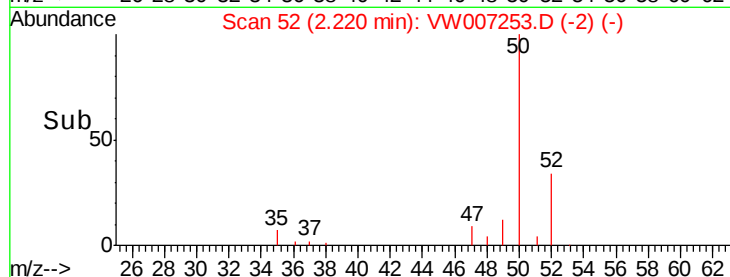
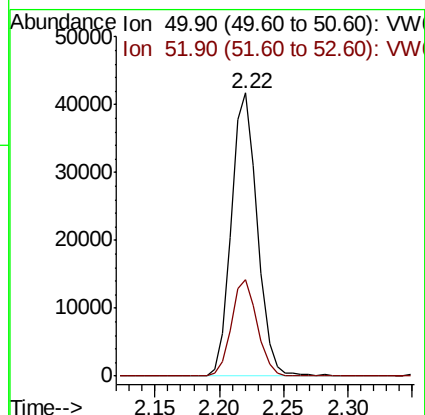
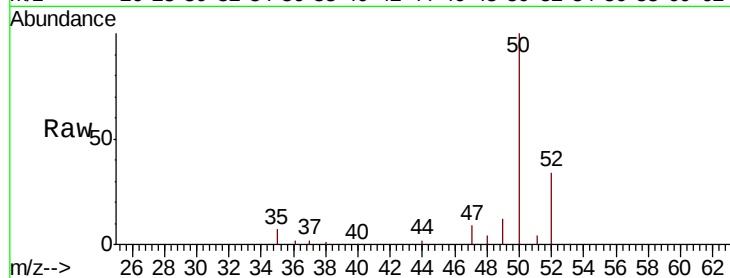
VSTDCCC050EC

Tot Ion: 50 Resp: 59152

Ion Ratio Lower Upper

50 100

52 34.2 26.2 39.2



#4

Vinyl Chloride

Concen: 50.346 ug/l

RT: 2.36 min Scan# 75

Delta R.T. -0.00 min

Lab File: VW007253.D

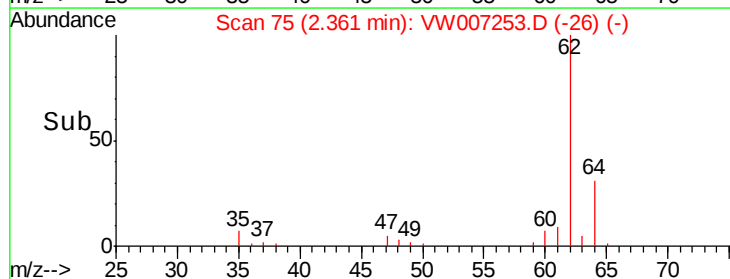
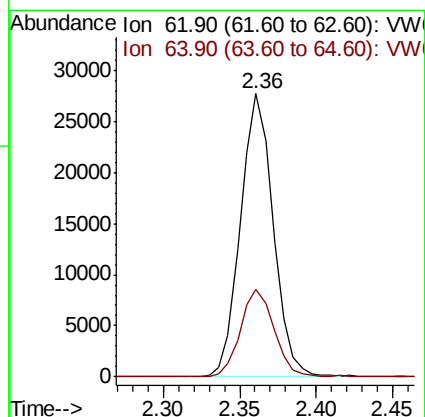
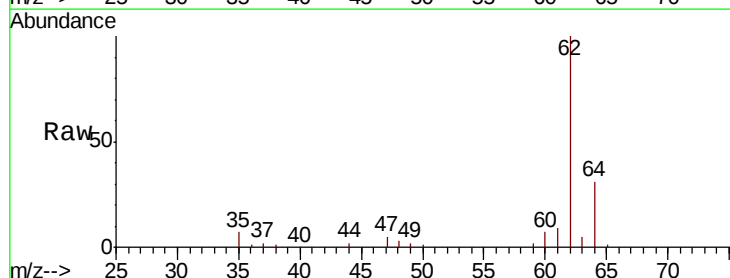
Acq: 06 Dec 2018 00:42

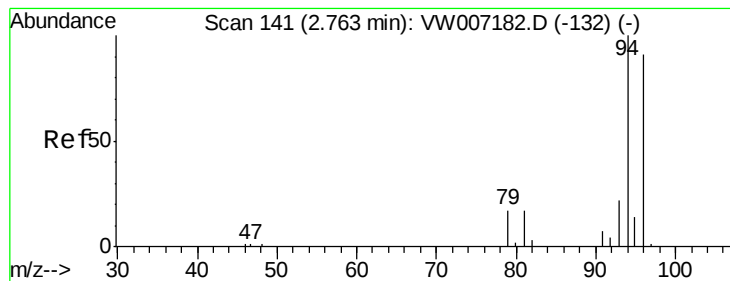
Tgt Ion: 62 Resp: 41235

Ion Ratio Lower Upper

62 100

64 31.1 25.3 37.9





#5

Bromomethane

Concen: 64.195 ug/l

RT: 2.76 min Scan# 141

Delta R.T. -0.00 min

Lab File: VW007253.D

Acq: 06 Dec 2018 00:42

Instrument :

MSVOA_W

ClientSampleId :

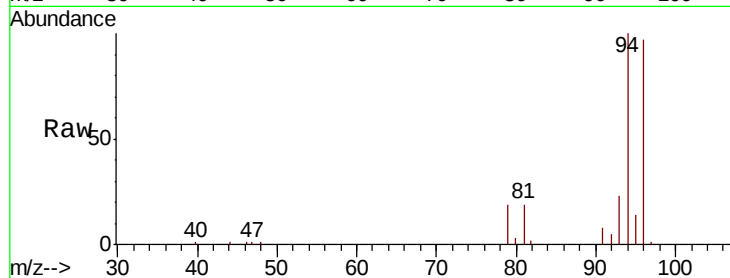
VSTDCCC050EC

Tot Ion: 94 Resp: 26347

Ion Ratio Lower Upper

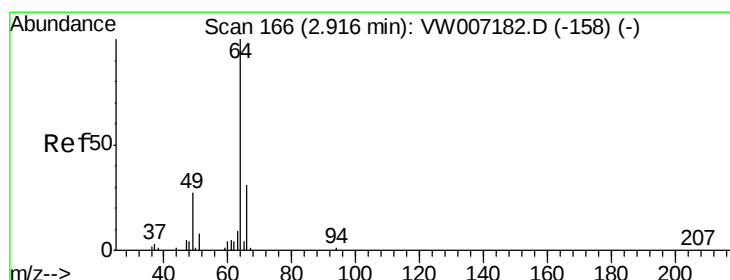
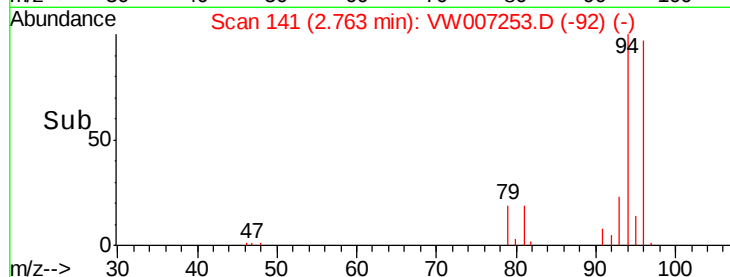
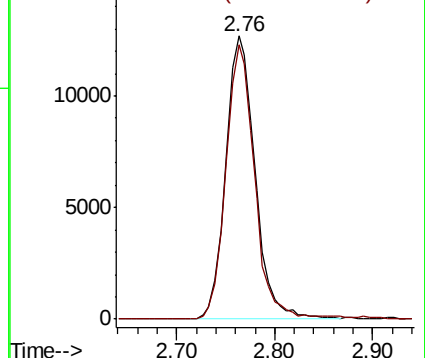
94 100

96 97.0 72.8 109.2



Abundance Ion 93.90 (93.60 to 94.60): VW

Ion 95.90 (95.60 to 96.60): VW



#6

Chloroethane

Concen: 53.689 ug/l

RT: 2.92 min Scan# 166

Delta R.T. -0.00 min

Lab File: VW007253.D

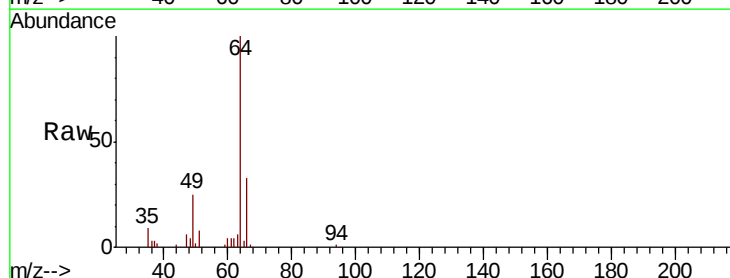
Acq: 06 Dec 2018 00:42

Tgt Ion: 64 Resp: 24673

Ion Ratio Lower Upper

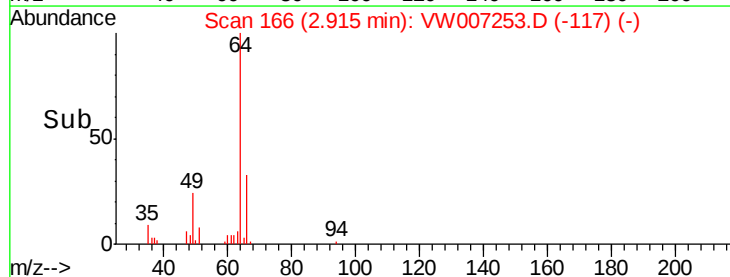
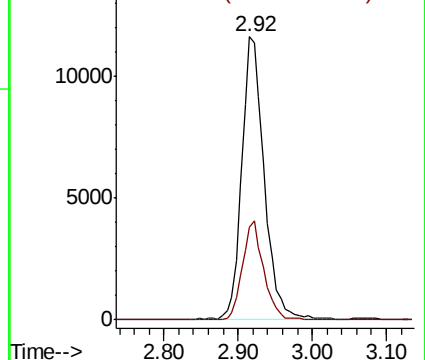
64 100

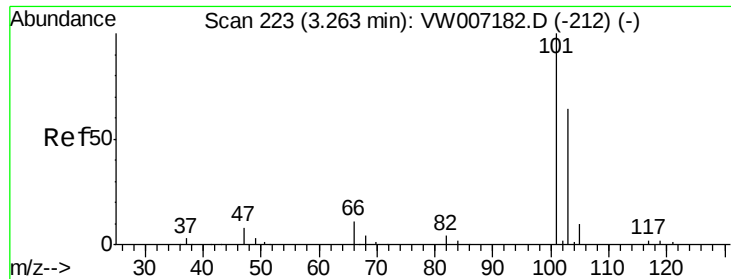
66 32.6 25.0 37.6



Abundance Ion 63.90 (63.60 to 64.60): VW

Ion 65.90 (65.60 to 66.60): VW



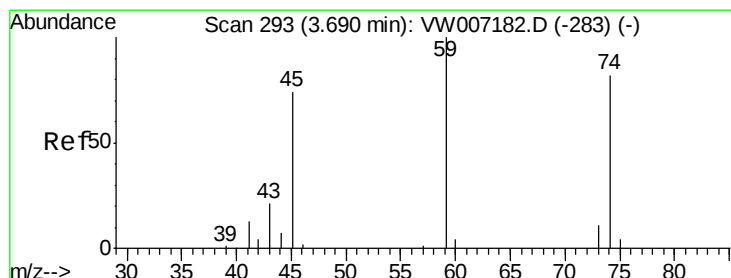
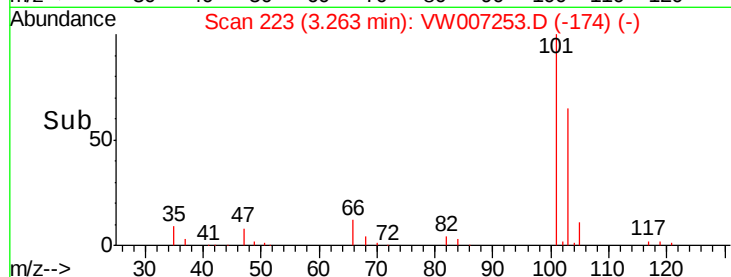
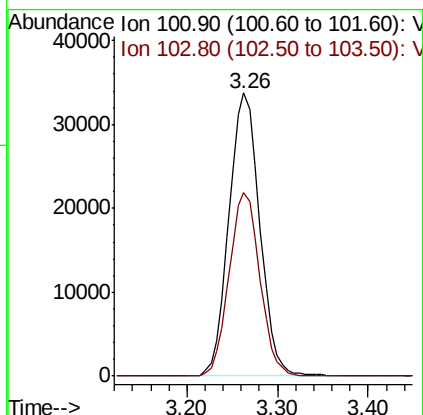
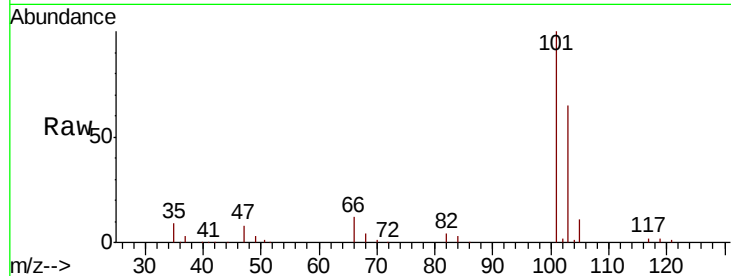


#7

Trichlorofluoromethane
 Concen: 49.909 ug/l
 RT: 3.26 min Scan# 223
 Delta R.T. -0.00 min
 Lab File: VW007253.D
 Acq: 06 Dec 2018 00:42

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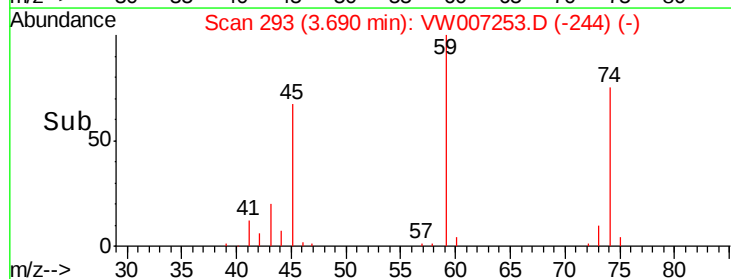
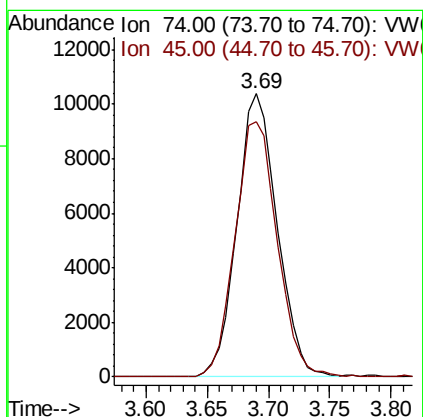
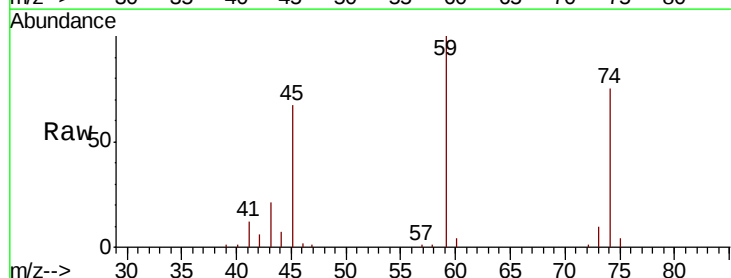
Tot Ion:101 Resp: 79696
 Ion Ratio Lower Upper
 101 100
 103 64.9 50.9 76.3

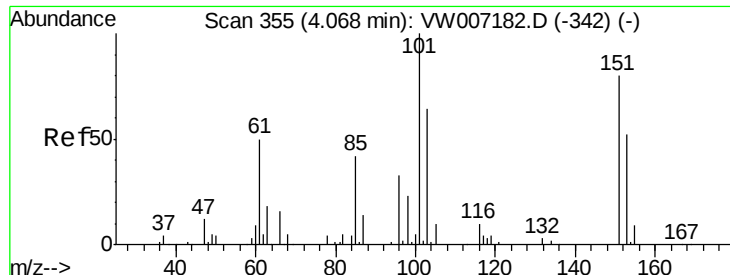


#8

Diethyl Ether
 Concen: 53.190 ug/l
 RT: 3.69 min Scan# 293
 Delta R.T. -0.00 min
 Lab File: VW007253.D
 Acq: 06 Dec 2018 00:42

Tgt Ion: 74 Resp: 23675
 Ion Ratio Lower Upper
 74 100
 45 94.7 47.2 141.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.687 ug/l

RT: 4.07 min Scan# 355

Delta R.T. -0.00 min

Lab File: VW007253.D

Acq: 06 Dec 2018 00:42

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

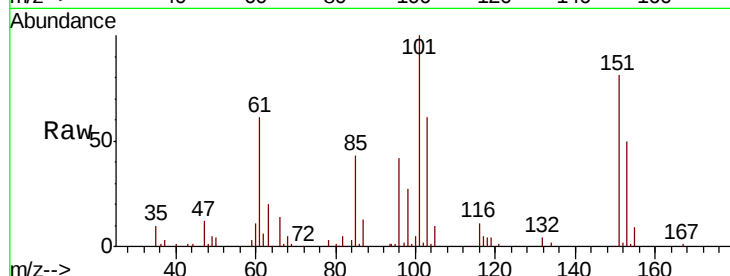
Tot Ion:101 Resp: 47929

Ion Ratio Lower Upper

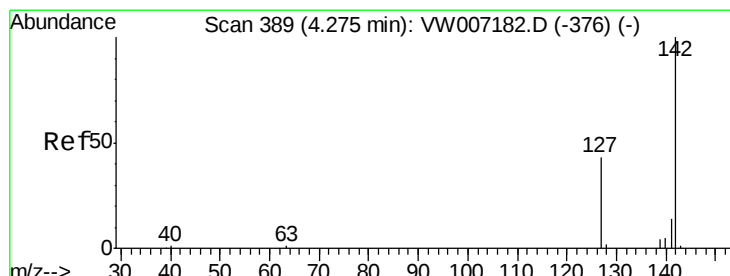
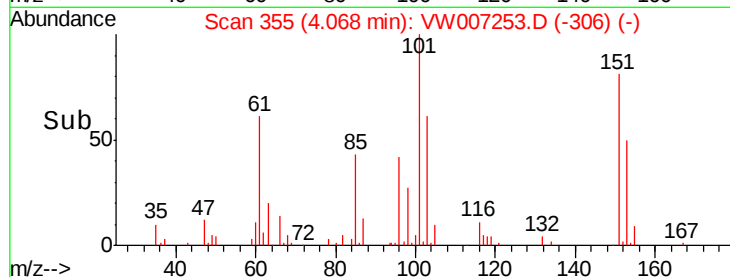
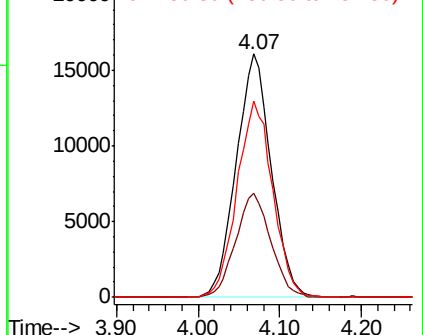
101 100

85 42.6 33.4 50.2

151 81.8 63.9 95.9



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: 51.866 ug/l

RT: 4.27 min Scan# 389

Delta R.T. -0.00 min

Lab File: VW007253.D

Acq: 06 Dec 2018 00:42

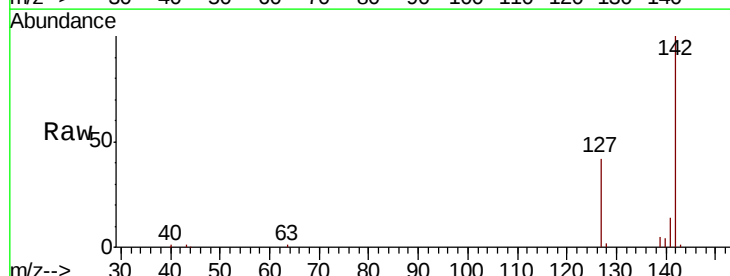
Tgt Ion:142 Resp: 42620

Ion Ratio Lower Upper

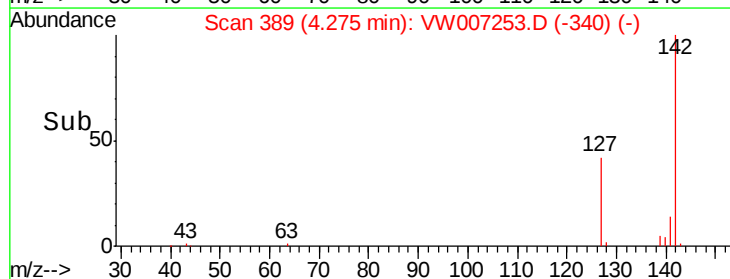
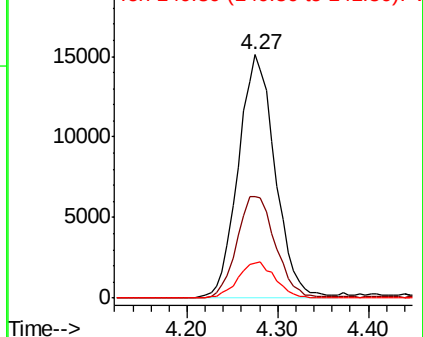
142 100

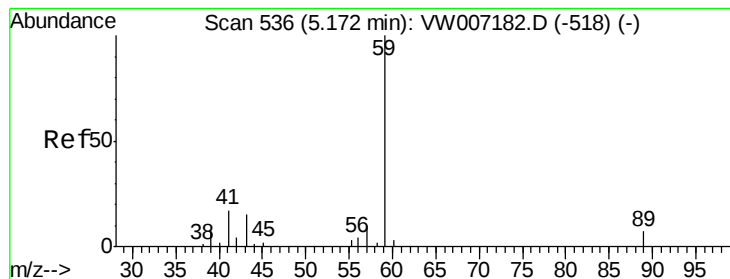
127 43.5 34.9 52.3

141 14.8 11.7 17.5



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: 212.370 ug/l

RT: 5.17 min Scan# 535

Delta R.T. -0.01 min

Lab File: VW007253.D

Acq: 06 Dec 2018 00:42

Instrument :

MSVOA_W

ClientSampleId :

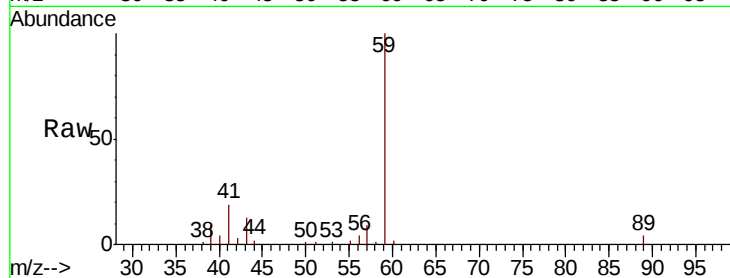
VSTDCCC050EC

Tot Ion: 59 Resp: 18058

Ion Ratio Lower Upper

59 100

57 9.6 7.1 10.7



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

5.17

6000

5000

4000

3000

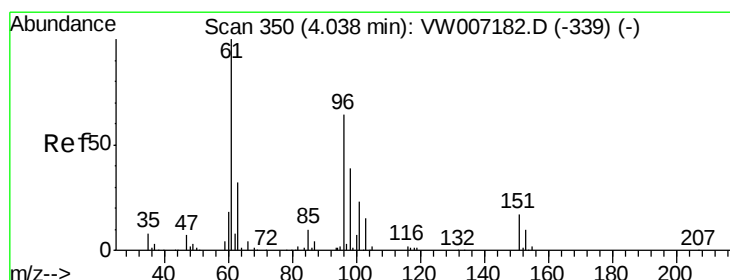
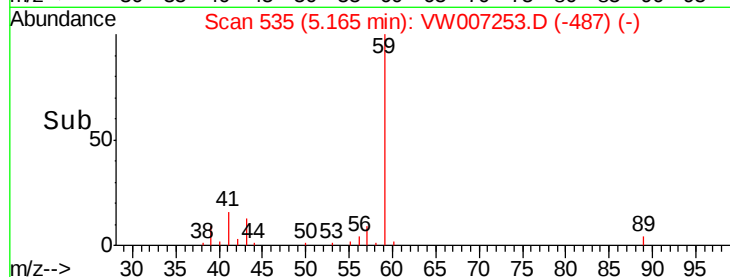
2000

1000

0

Time-->

5.00 5.10 5.20 5.30



#12

1,1-Dichloroethene

Concen: 50.548 ug/l

RT: 4.04 min Scan# 351

Delta R.T. 0.01 min

Lab File: VW007253.D

Acq: 06 Dec 2018 00:42

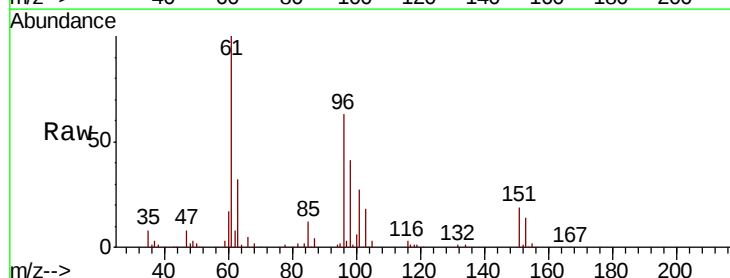
Tgt Ion: 96 Resp: 45695

Ion Ratio Lower Upper

96 100

61 157.6 124.1 186.1

98 65.1 48.6 72.8



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

4.04

30000

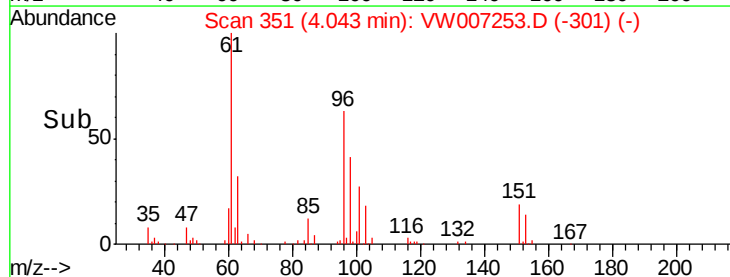
20000

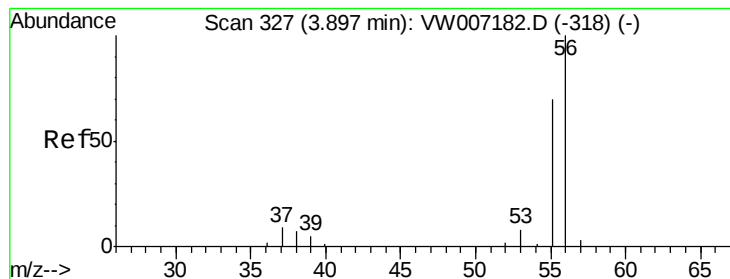
10000

0

Time-->

3.90 4.00 4.10 4.20





#13

Acrolein

Concen: 239.961 ug/l

RT: 3.90 min Scan# 328

Delta R.T. 0.01 min

Lab File: VW007253.D

Acq: 06 Dec 2018 00:42

Instrument :

MSVOA_W

ClientSampleId :

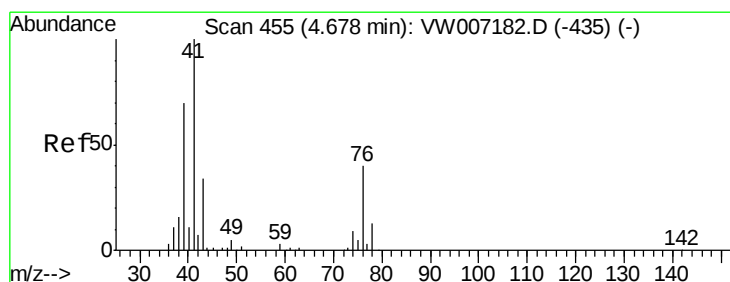
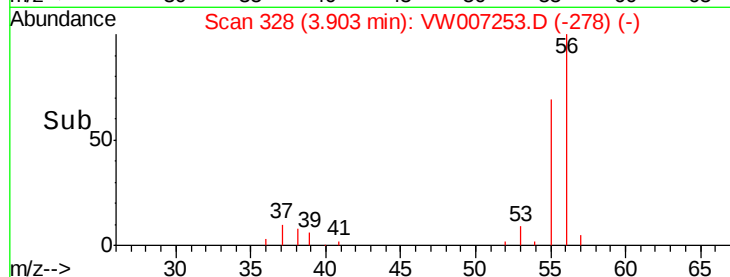
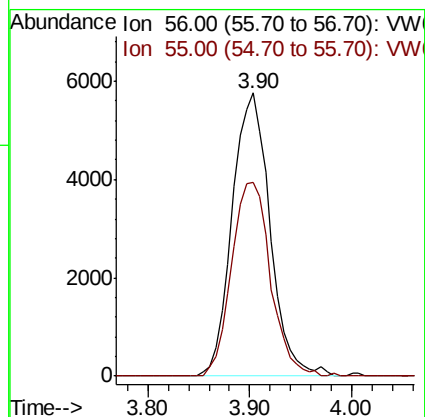
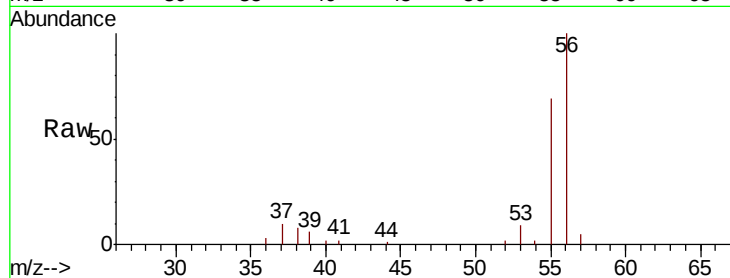
VSTDCCC050EC

Tot Ion: 56 Resp: 14780

Ion Ratio Lower Upper

56 100

55 70.5 56.9 85.3



#14

Allyl chloride

Concen: 50.672 ug/l

RT: 4.68 min Scan# 455

Delta R.T. -0.00 min

Lab File: VW007253.D

Acq: 06 Dec 2018 00:42

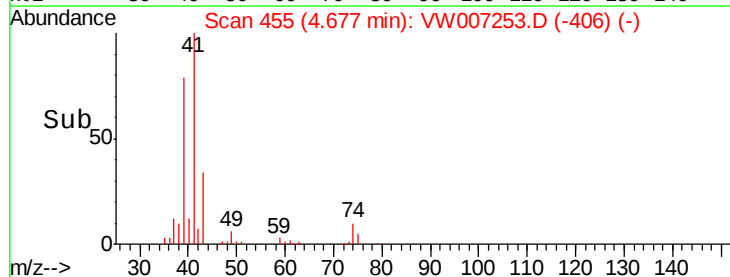
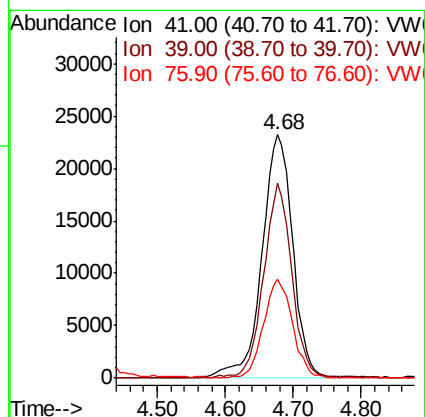
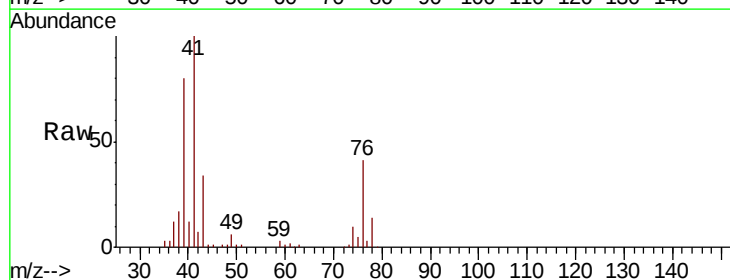
Tgt Ion: 41 Resp: 73424

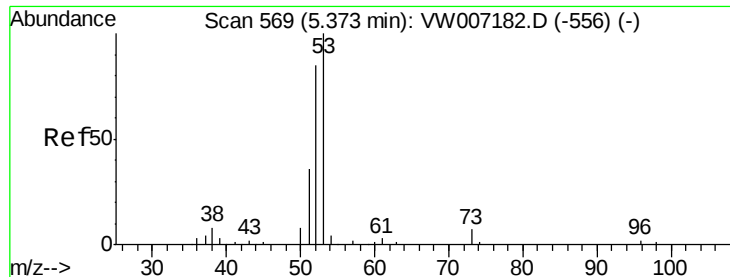
Ion Ratio Lower Upper

41 100

39 73.3 55.9 83.9

76 38.2 30.8 46.2

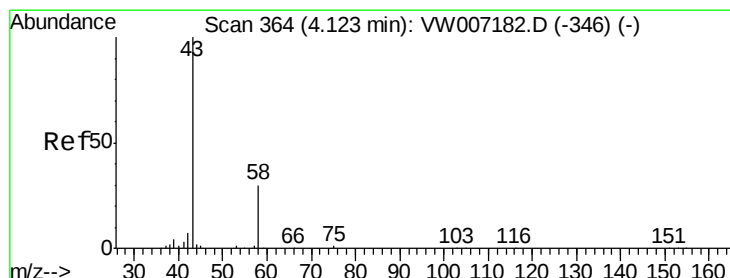
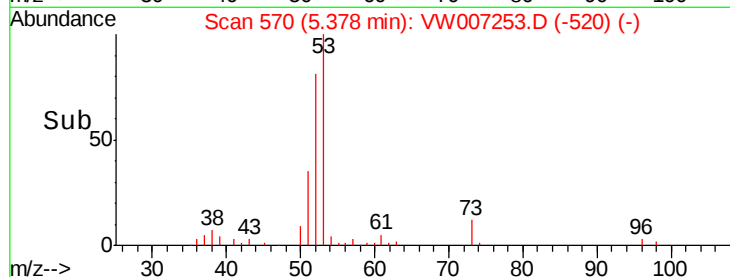
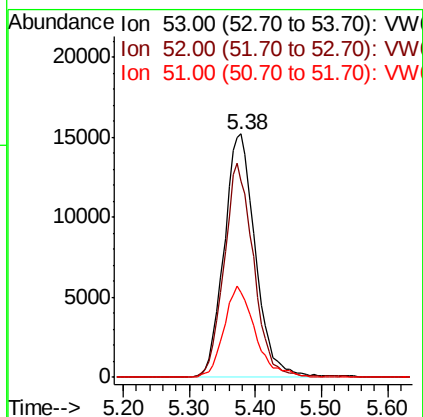
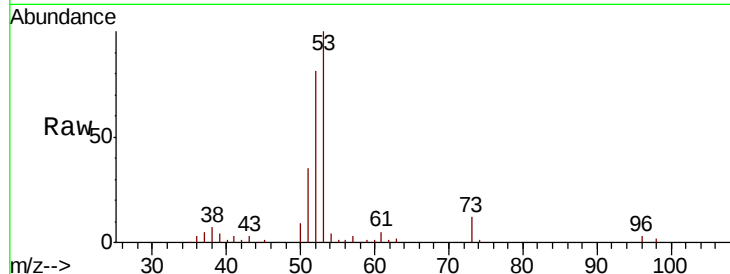




#15
 Acrylonitrile
 Concen: 267.429 ug/l
 RT: 5.38 min Scan# 570
 Delta R.T. 0.01 min
 Lab File: VW007253.D
 Acq: 06 Dec 2018 00:42

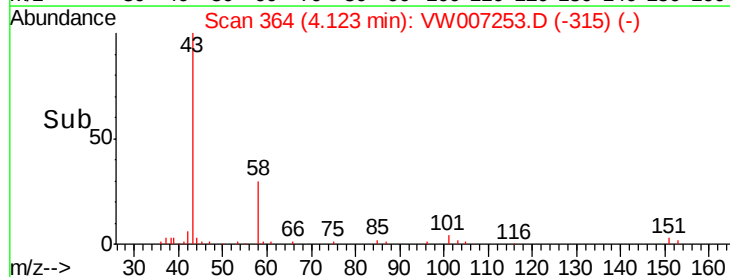
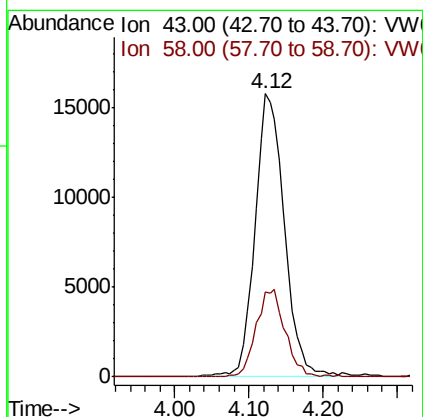
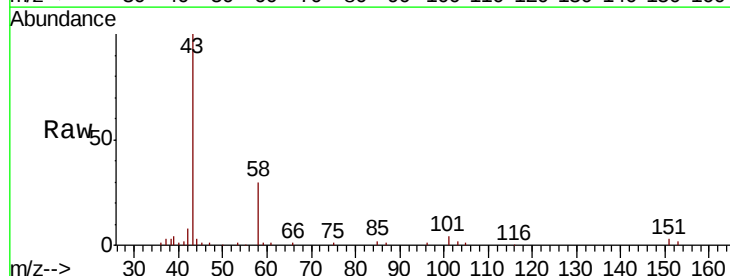
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

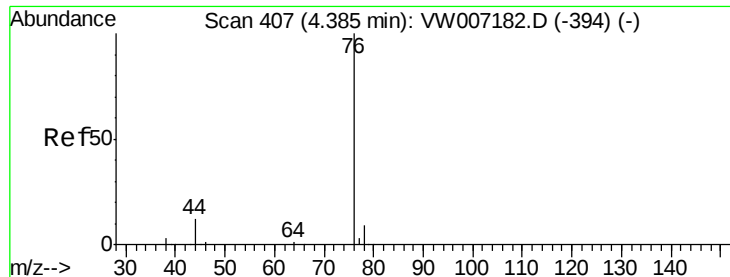
Tot Ion	53	Resp	49762
Ion Ratio	Lower	Upper	
53	100		
52	82.9	66.1	99.1
51	37.4	30.3	45.5



#16
 Acetone
 Concen: 209.388 ug/l
 RT: 4.12 min Scan# 364
 Delta R.T. -0.00 min
 Lab File: VW007253.D
 Acq: 06 Dec 2018 00:42

Tgt Ion	43	Resp	43573
Ion Ratio	Lower	Upper	
43	100		
58	30.2	23.8	35.8

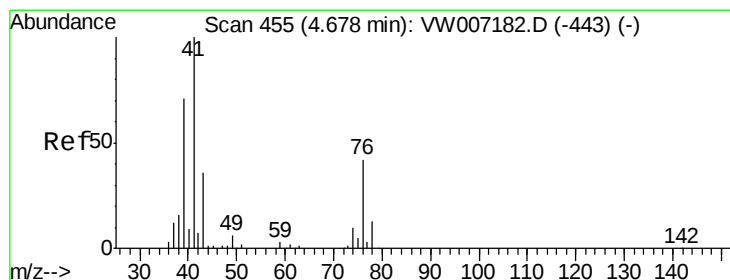
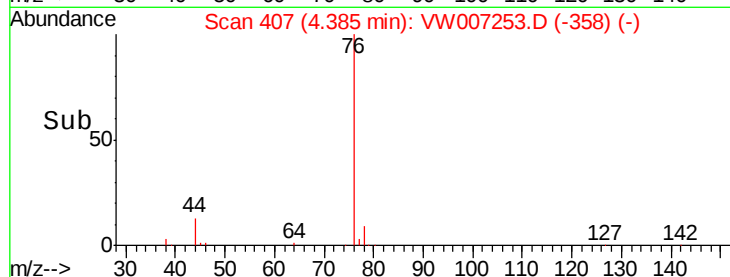
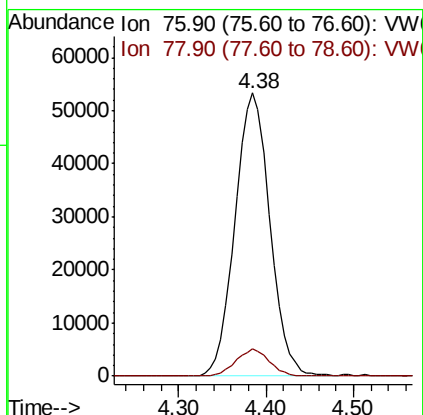
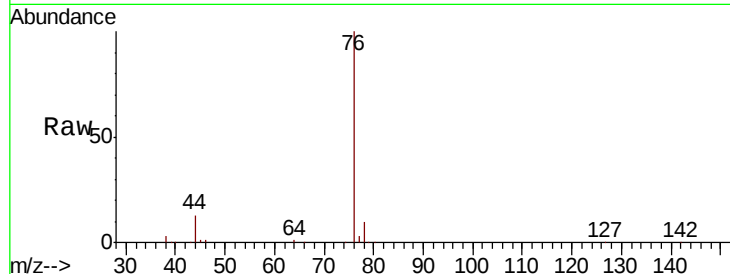




#17
Carbon Disulfide
Concen: 49.716 ug/l
RT: 4.38 min Scan# 407
Delta R.T. -0.00 min
Lab File: VW007253.D
Acq: 06 Dec 2018 00:42

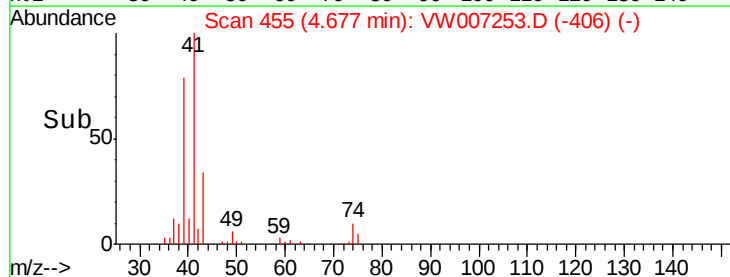
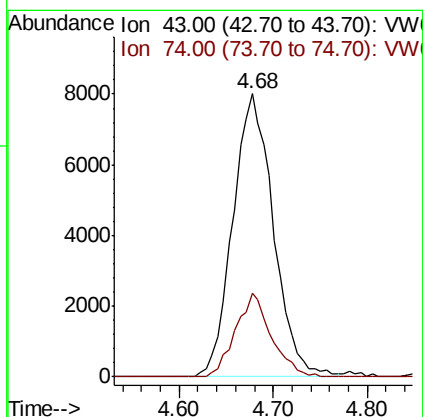
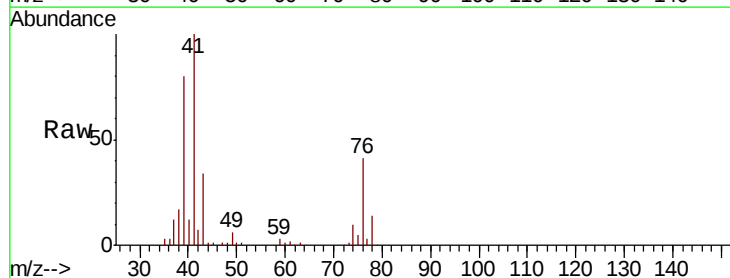
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion: 76 Resp: 148144
Ion Ratio Lower Upper
76 100
78 9.5 7.2 10.8



#18
Methyl Acetate
Concen: 50.751 ug/l
RT: 4.68 min Scan# 455
Delta R.T. -0.00 min
Lab File: VW007253.D
Acq: 06 Dec 2018 00:42

Tgt Ion: 43 Resp: 24107
Ion Ratio Lower Upper
43 100
74 26.0 20.1 30.1

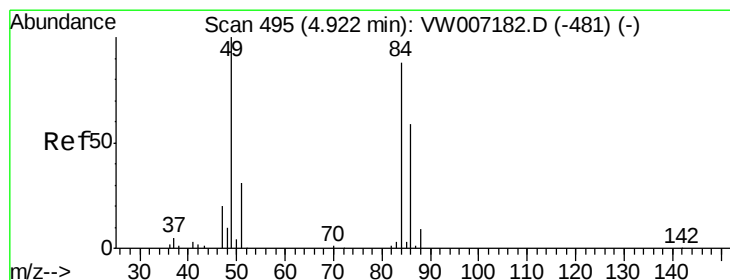
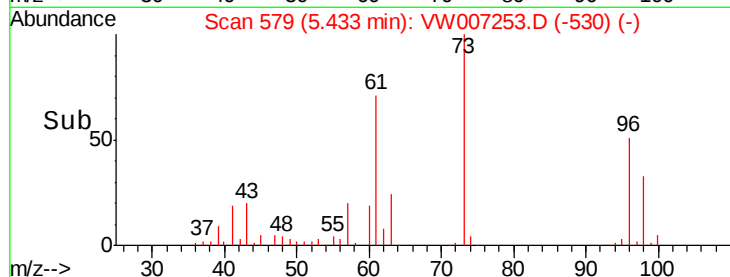
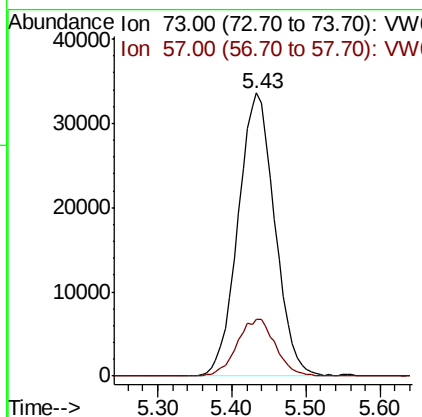
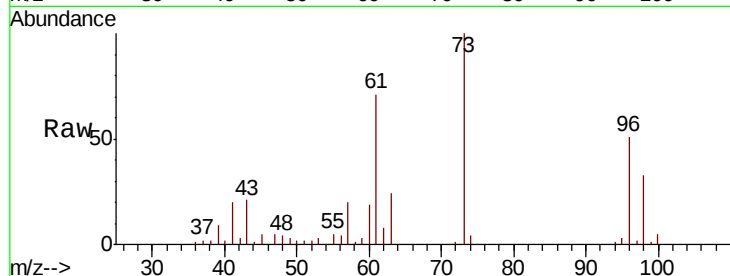




#19
Methyl tert-butyl Ether
Concen: 54.513 ug/l
RT: 5.43 min Scan# 579
Delta R.T. -0.00 min
Lab File: VW007253.D
Acq: 06 Dec 2018 00:42

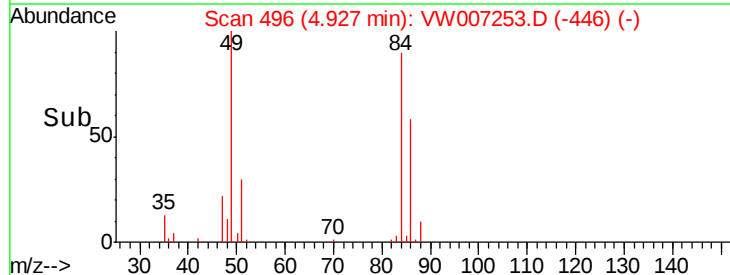
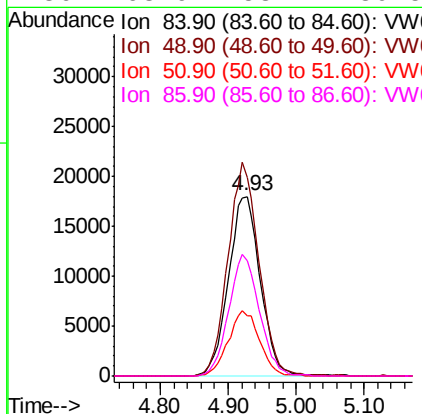
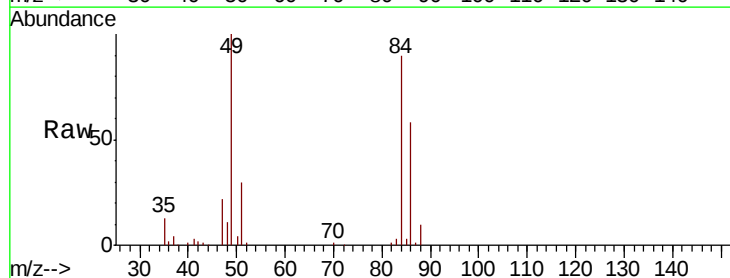
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

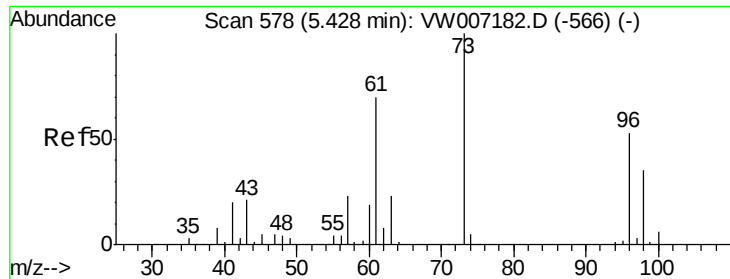
Tot Ion: 73 Resp: 116025
Ion Ratio Lower Upper
73 100
57 20.2 16.6 25.0



#20
Methylene Chloride
Concen: 56.436 ug/l
RT: 4.93 min Scan# 496
Delta R.T. 0.01 min
Lab File: VW007253.D
Acq: 06 Dec 2018 00:42

Tgt Ion: 84 Resp: 58439
Ion Ratio Lower Upper
84 100
49 111.0 90.6 135.8
51 33.6 27.6 41.4
86 63.9 53.7 80.5





#21

trans-1,2-Dichloroethene

Concen: 52.510 ug/l

RT: 5.43 min Scan# 579

Delta R.T. 0.01 min

Lab File: VW007253.D

Acq: 06 Dec 2018 00:42

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

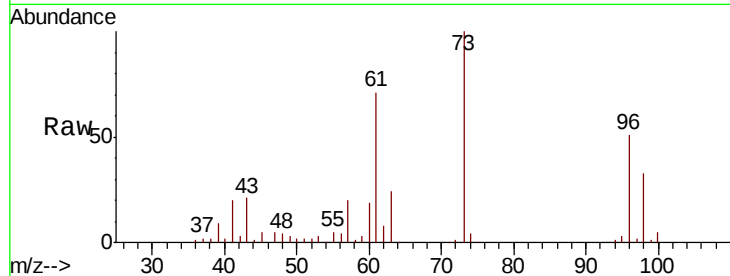
Tot Ion: 96 Resp: 53003

Ion Ratio Lower Upper

96 100

61 139.2 105.5 158.3

98 64.9 52.6 79.0

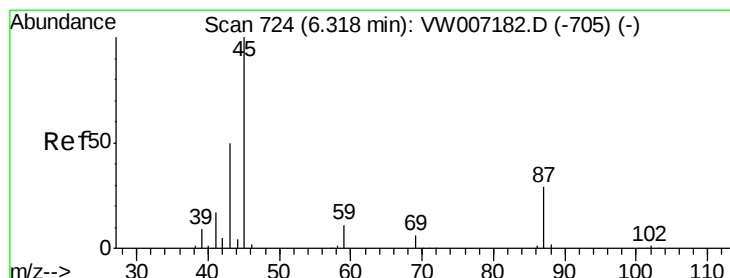
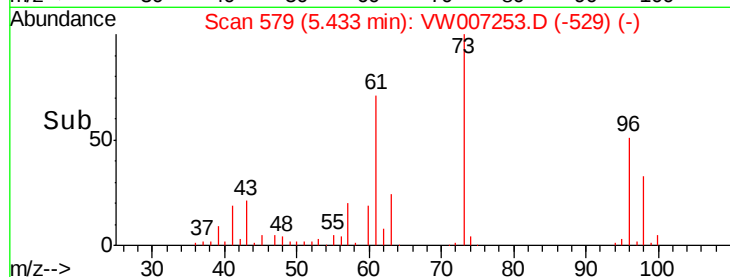
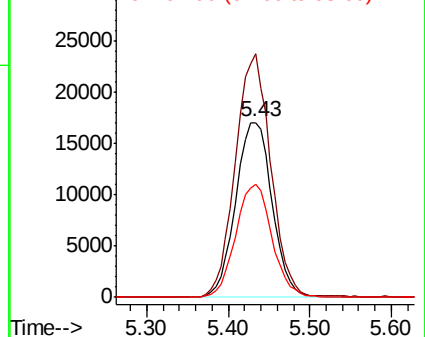


Abundance

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



#22

Diisopropyl ether

Concen: 56.214 ug/l

RT: 6.32 min Scan# 724

Delta R.T. -0.00 min

Lab File: VW007253.D

Acq: 06 Dec 2018 00:42

Tgt Ion: 45 Resp: 146224

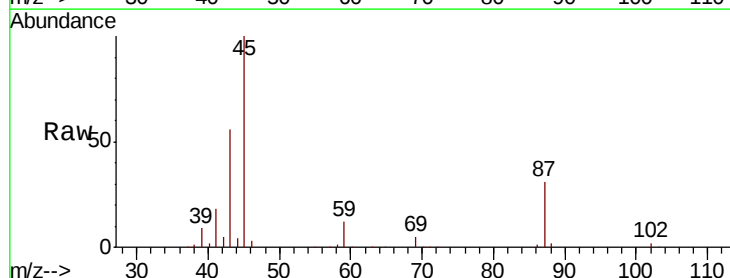
Ion Ratio Lower Upper

45 100

43 55.4 40.8 61.2

87 31.2 24.0 36.0

59 11.5 9.1 13.7



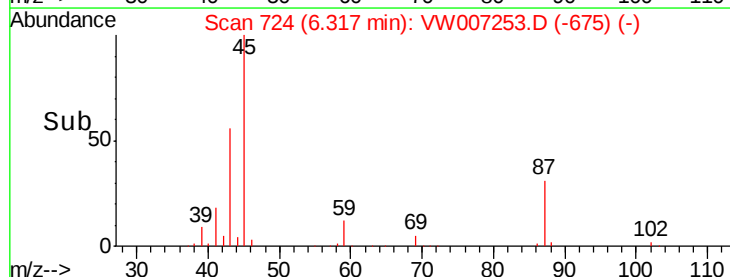
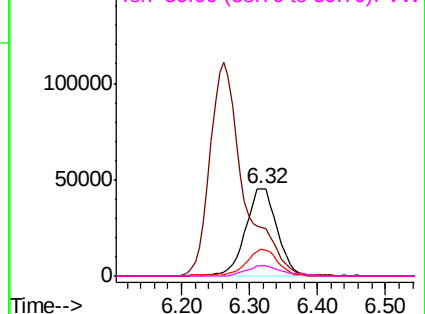
Abundance

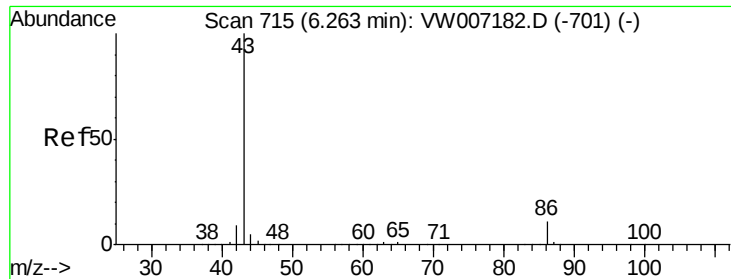
Ion 45.00 (44.70 to 45.70): VW

Ion 43.00 (42.70 to 43.70): VW

Ion 87.00 (86.70 to 87.70): VW

Ion 59.00 (58.70 to 59.70): VW





#23

Vinyl Acetate

Concen: 269.151 ug/l

RT: 6.26 min Scan# 715

Delta R.T. -0.00 min

Lab File: VW007253.D

Acq: 06 Dec 2018 00:42

Instrument :

MSVOA_W

ClientSampleId :

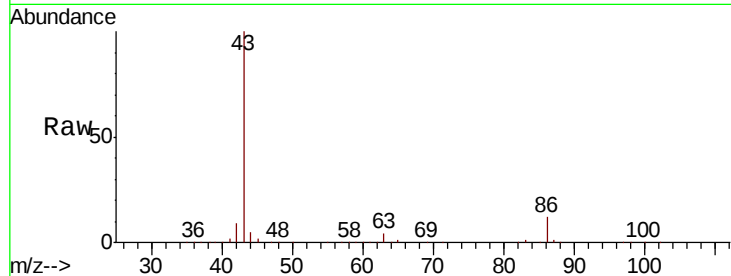
VSTDCCC050EC

Tot Ion: 43 Resp: 382015

Ion Ratio Lower Upper

43 100

86 11.7 9.0 13.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW

6.26

120000

100000

80000

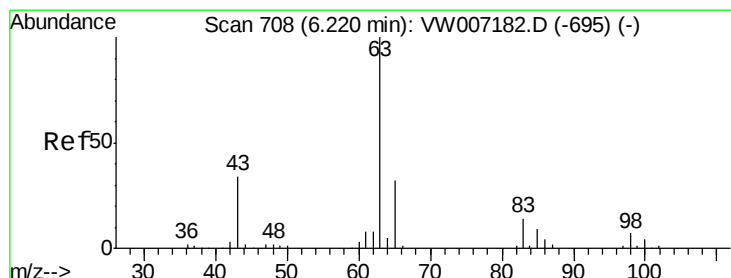
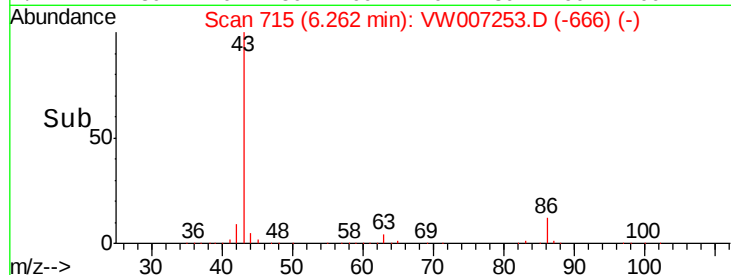
60000

40000

20000

0

Time-->



#24

1,1-Dichloroethane

Concen: 53.773 ug/l

RT: 6.23 min Scan# 709

Delta R.T. 0.01 min

Lab File: VW007253.D

Acq: 06 Dec 2018 00:42

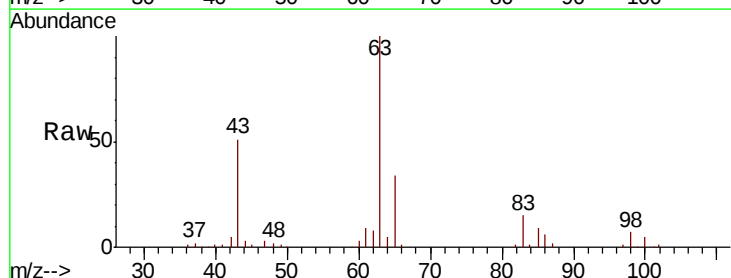
Tgt Ion: 63 Resp: 89651

Ion Ratio Lower Upper

63 100

98 6.5 3.5 10.5

100 4.6 2.1 6.2



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

6.23

40000

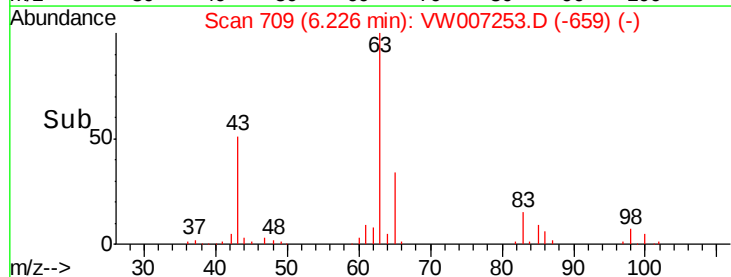
30000

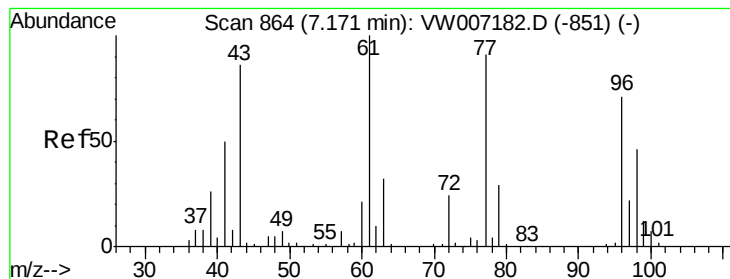
20000

10000

0

Time-->





#25

2-Butanone

Concen: 241.349 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.00 min

Lab File: VW007253.D

Acq: 06 Dec 2018 00:42

Instrument :

MSVOA_W

ClientSampleId :

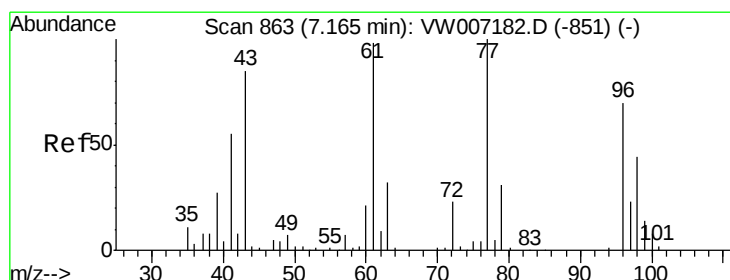
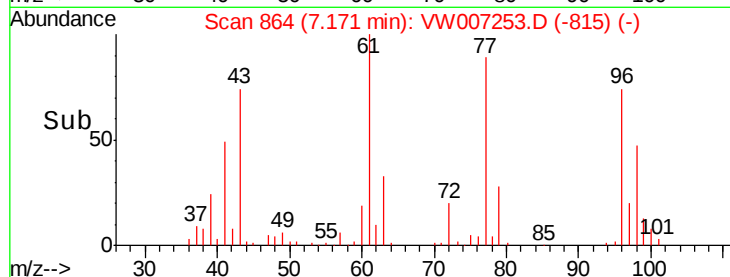
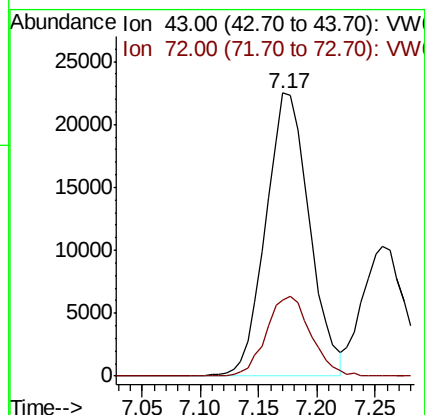
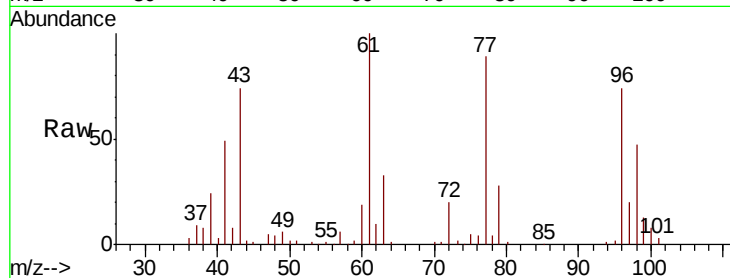
VSTDCCC050EC

Tot Ion: 43 Resp: 58220

Ion Ratio Lower Upper

43 100

72 27.0 22.8 34.2



#26

2,2-Dichloropropane

Concen: 48.972 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.01 min

Lab File: VW007253.D

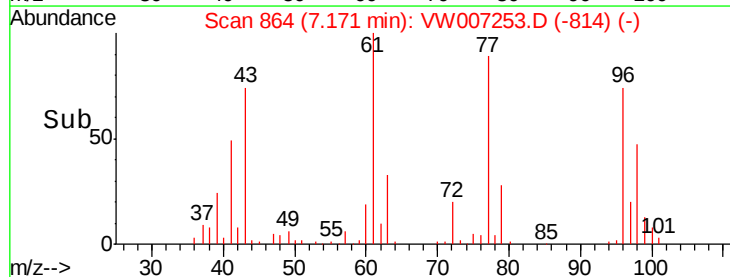
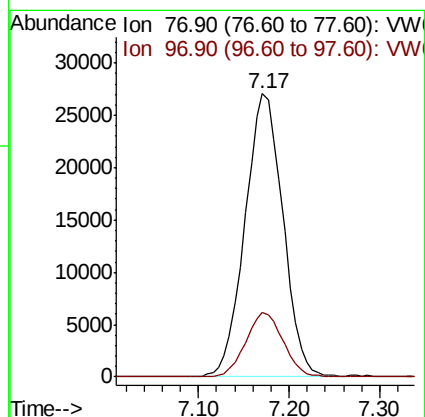
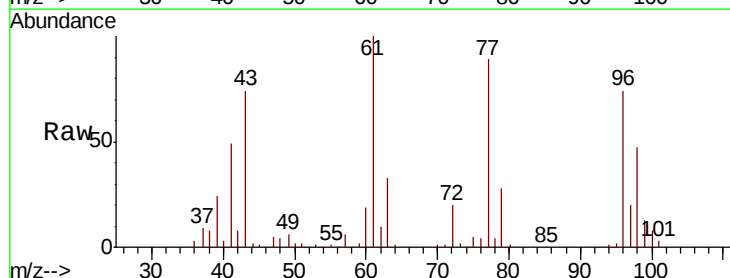
Acq: 06 Dec 2018 00:42

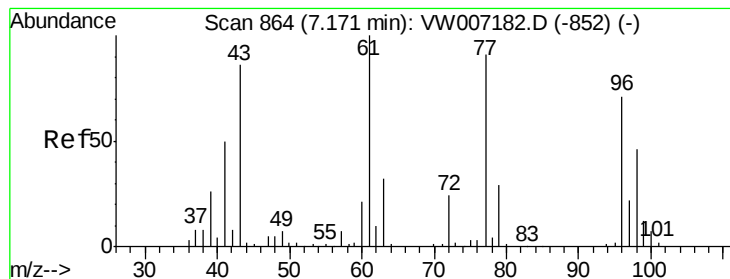
Tgt Ion: 77 Resp: 78461

Ion Ratio Lower Upper

77 100

97 22.5 11.5 34.4





#27

cis-1,2-Dichloroethene

Concen: 54.216 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.00 min

Lab File: VW007253.D

Acq: 06 Dec 2018 00:42

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

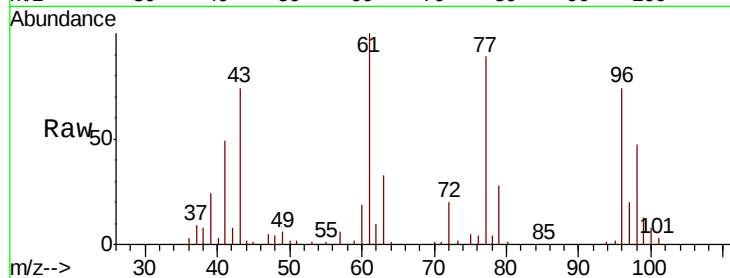
Tot Ion: 96 Resp: 58665

Ion Ratio Lower Upper

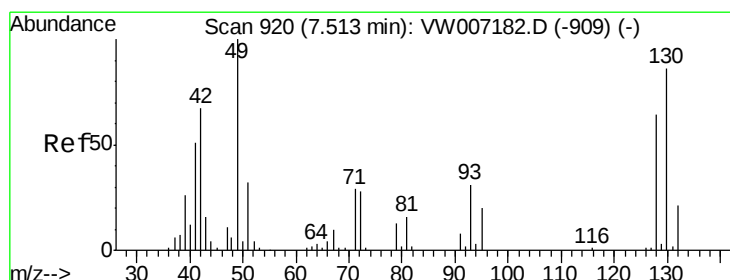
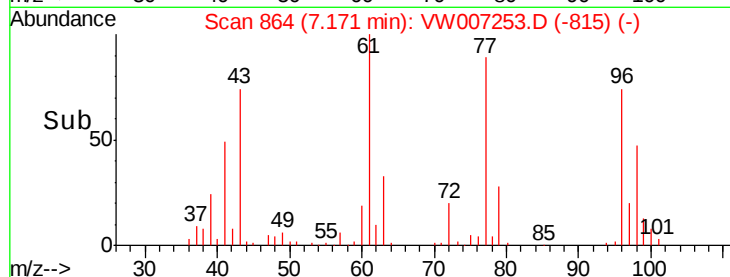
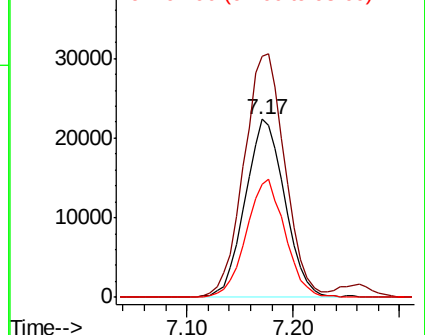
96 100

61 141.3 0.0 282.4

98 64.7 0.0 129.8



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



#28

Bromochloromethane

Concen: 53.819 ug/l

RT: 7.52 min Scan# 921

Delta R.T. 0.01 min

Lab File: VW007253.D

Acq: 06 Dec 2018 00:42

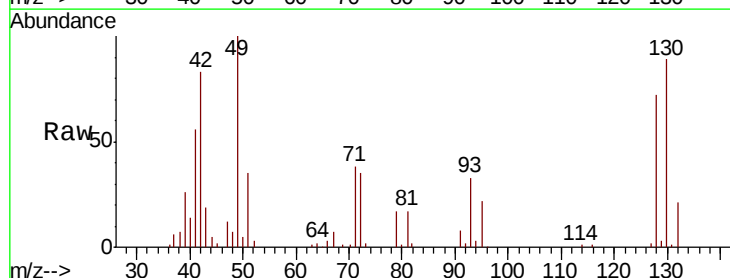
Tgt Ion: 49 Resp: 32354

Ion Ratio Lower Upper

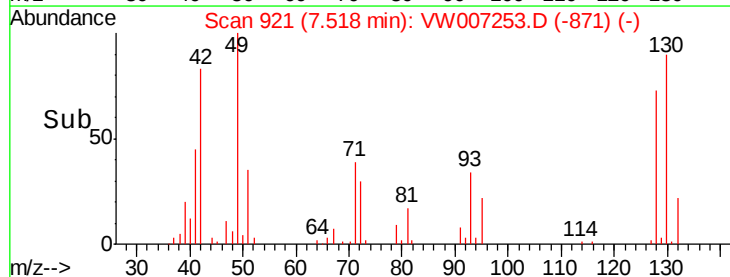
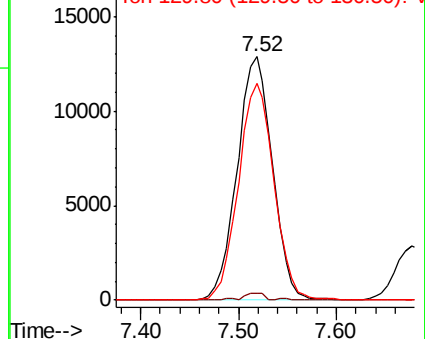
49 100

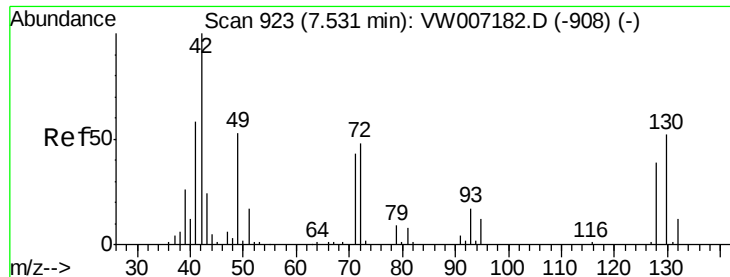
129 1.7 0.0 3.8

130 89.4 70.3 105.5



Abundance Ion 48.90 (48.60 to 49.60): VW
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V

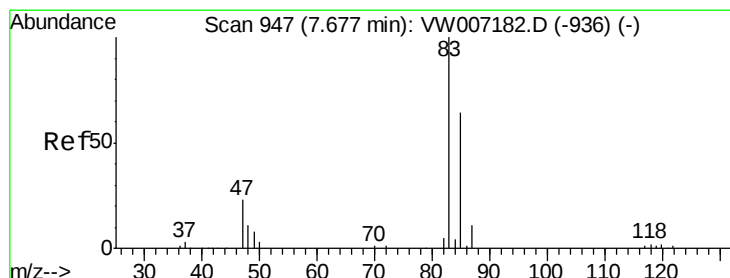
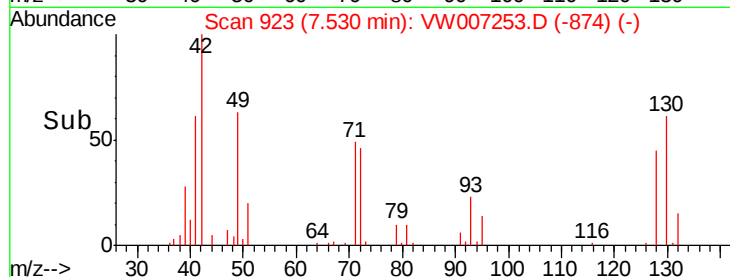
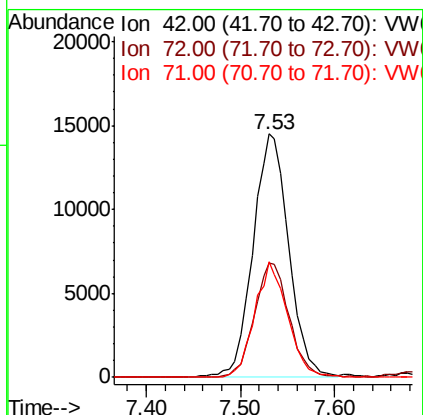
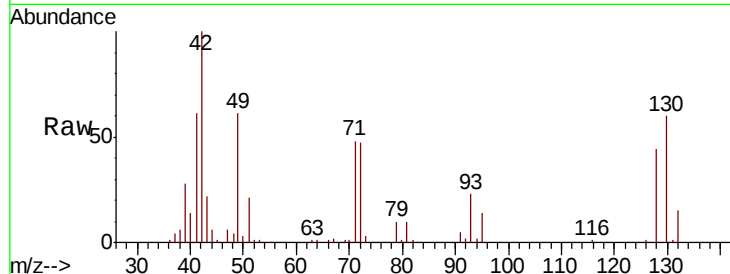




#29
Tetrahydrofuran
Concen: 258.540 ug/l
RT: 7.53 min Scan# 923
Delta R.T. -0.00 min
Lab File: VW007253.D
Acq: 06 Dec 2018 00:42

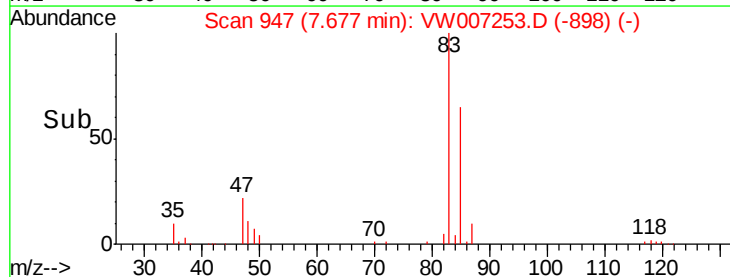
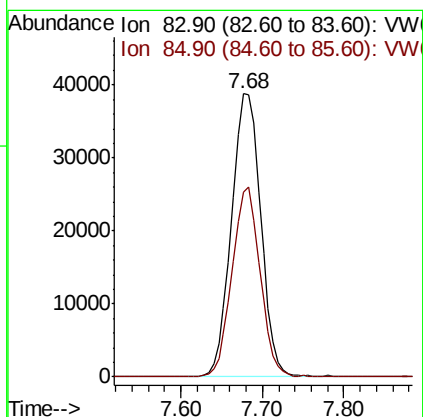
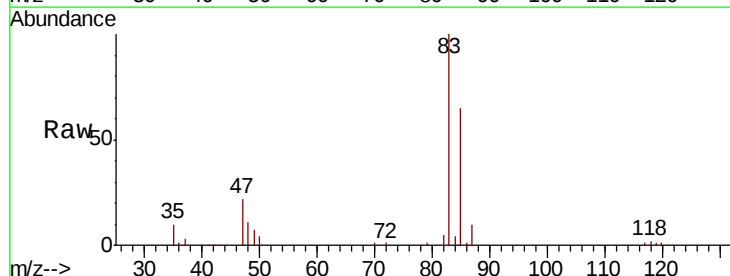
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

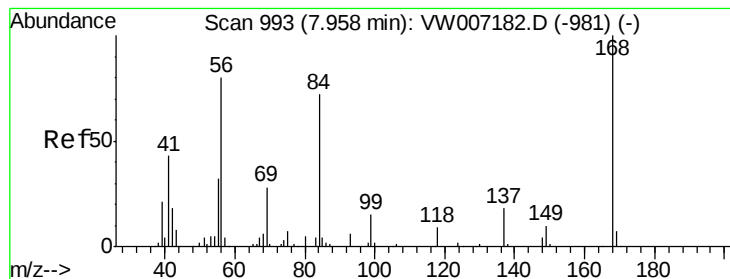
Tot Ion: 42 Resp: 38540
Ion Ratio Lower Upper
42 100
72 45.8 36.6 55.0
71 43.8 34.8 52.2



#30
Chloroform
Concen: 55.725 ug/l
RT: 7.68 min Scan# 947
Delta R.T. -0.00 min
Lab File: VW007253.D
Acq: 06 Dec 2018 00:42

Tgt Ion: 83 Resp: 96554
Ion Ratio Lower Upper
83 100
85 65.4 51.5 77.3





#31

Cyclohexane

Concen: 47.908 ug/l

RT: 7.96 min Scan# 993

Delta R.T. -0.00 min

Lab File: VW007253.D

Acq: 06 Dec 2018 00:42

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

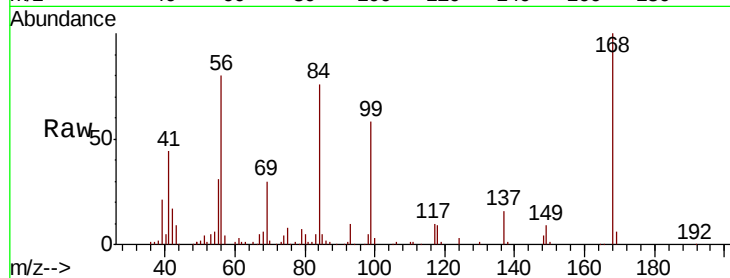
Tot Ion: 56 Resp: 83570

Ion Ratio Lower Upper

56 100

69 37.8 28.2 42.2

84 93.8 72.1 108.1

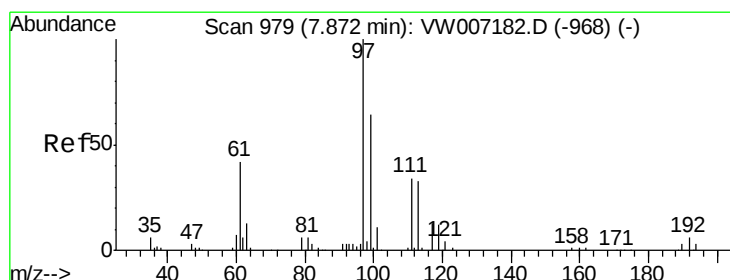
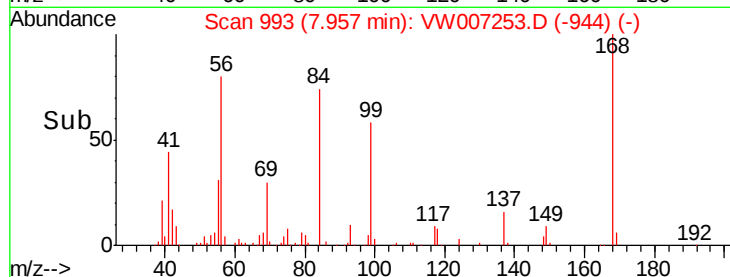
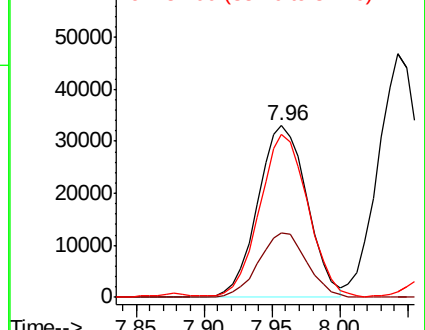


Abundance

Ion 56.00 (55.70 to 56.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 84.00 (83.70 to 84.70): VW



#32

1,1,1-Trichloroethane

Concen: 55.035 ug/l

RT: 7.88 min Scan# 980

Delta R.T. 0.01 min

Lab File: VW007253.D

Acq: 06 Dec 2018 00:42

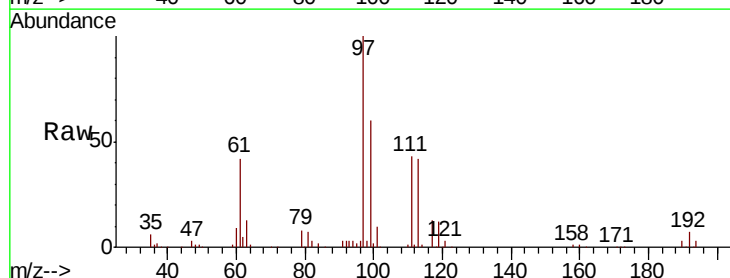
Tgt Ion: 97 Resp: 89740

Ion Ratio Lower Upper

97 100

99 62.9 51.3 76.9

61 41.4 33.2 49.8

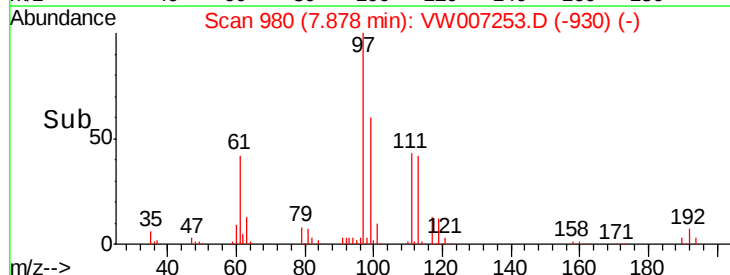
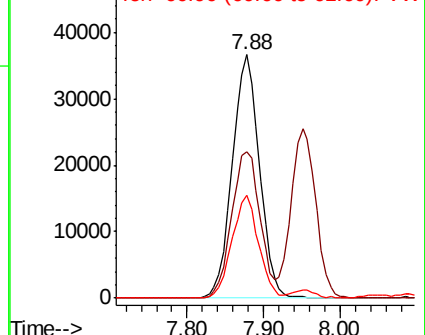


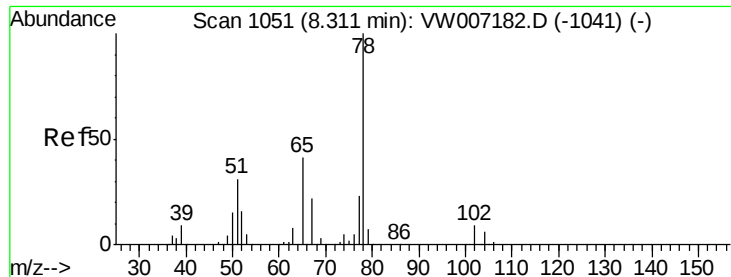
Abundance

Ion 96.90 (96.60 to 97.60): VW

Ion 98.90 (98.60 to 99.60): VW

Ion 60.90 (60.60 to 61.60): VW

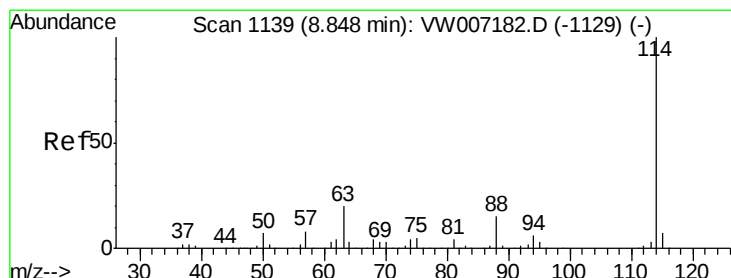
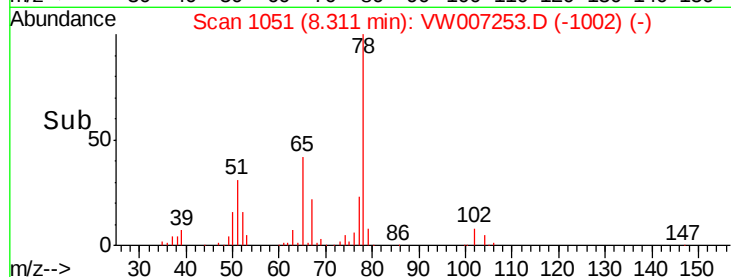
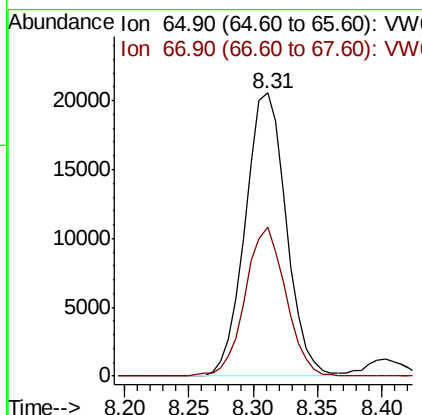
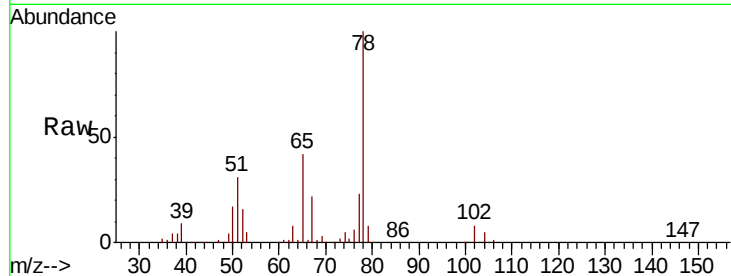




#33
 1,2-Dichloroethane-d4
 Concen: 51.569 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: VW007253.D
 Acq: 06 Dec 2018 00:42

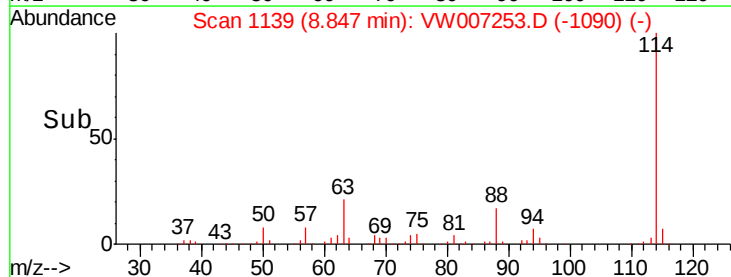
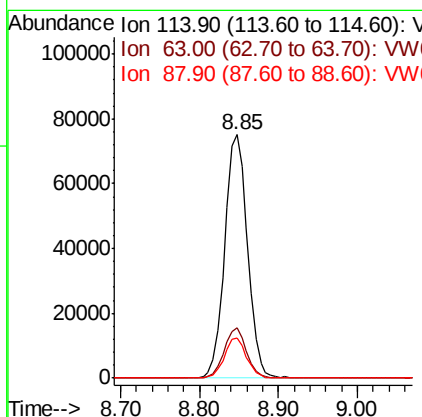
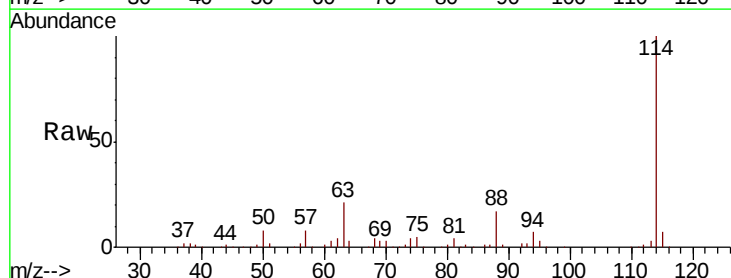
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

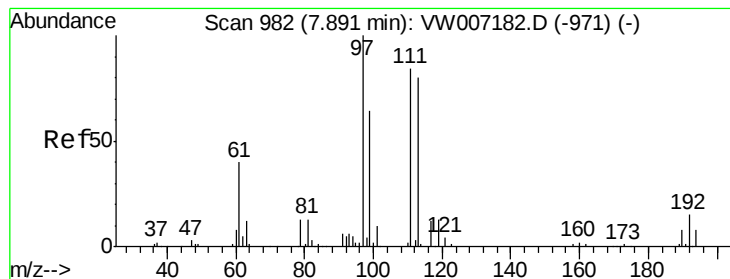
Tot Ion: 65 Resp: 45331
 Ion Ratio Lower Upper
 65 100
 67 52.2 0.0 106.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: VW007253.D
 Acq: 06 Dec 2018 00:42

Tgt Ion: 114 Resp: 151060
 Ion Ratio Lower Upper
 114 100
 63 20.8 0.0 40.2
 88 16.6 0.0 30.0





#35

Dibromofluoromethane

Concen: 51.404 ug/l

RT: 7.89 min Scan# 982

Delta R.T. -0.00 min

Lab File: VW007253.D

Acq: 06 Dec 2018 00:42

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

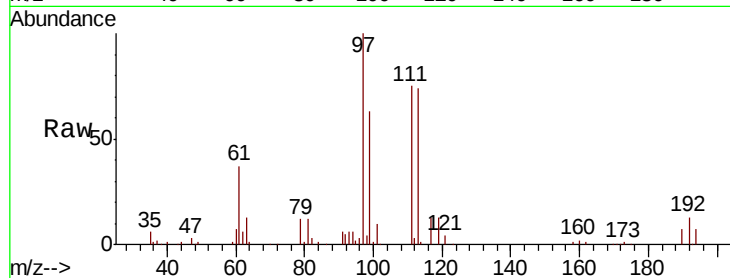
Tot Ion:113 Resp: 44463

Ion Ratio Lower Upper

113 100

111 102.0 82.2 123.4

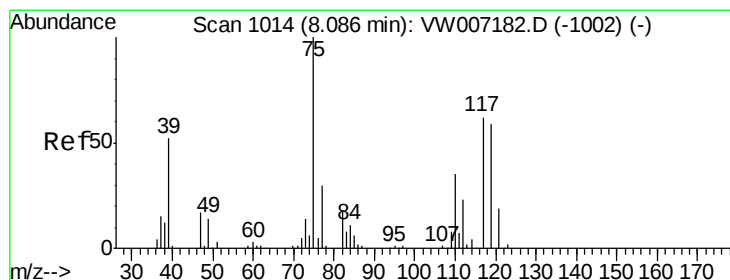
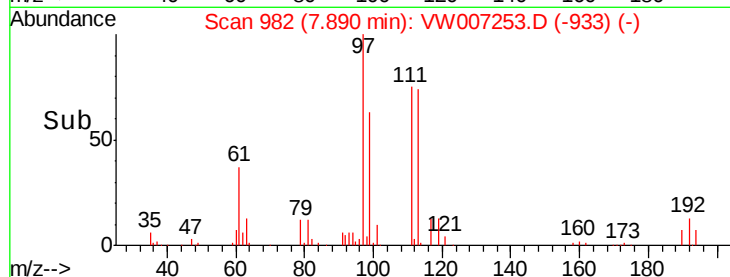
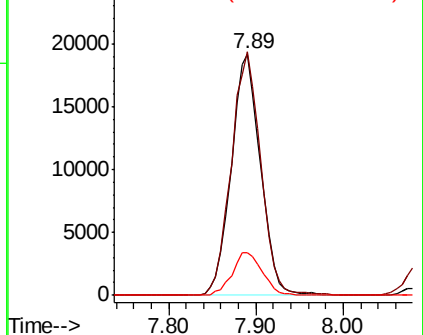
192 18.3 14.4 21.6



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: 51.781 ug/l

RT: 8.09 min Scan# 1014

Delta R.T. -0.00 min

Lab File: VW007253.D

Acq: 06 Dec 2018 00:42

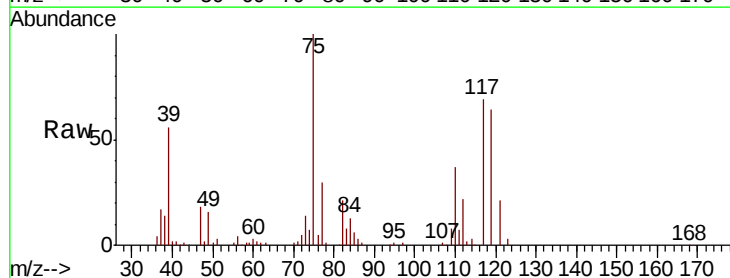
Tgt Ion: 75 Resp: 76110

Ion Ratio Lower Upper

75 100

110 36.7 18.3 54.9

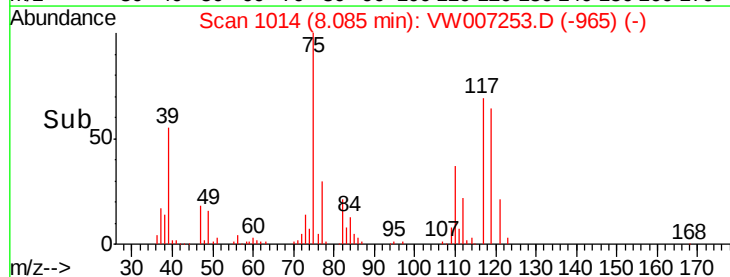
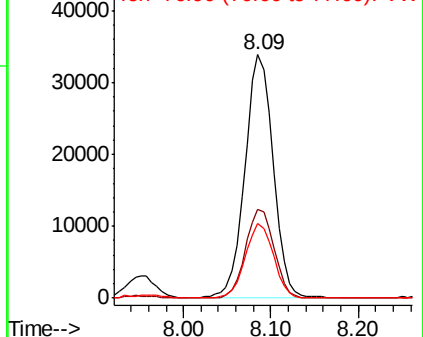
77 30.8 24.9 37.3



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

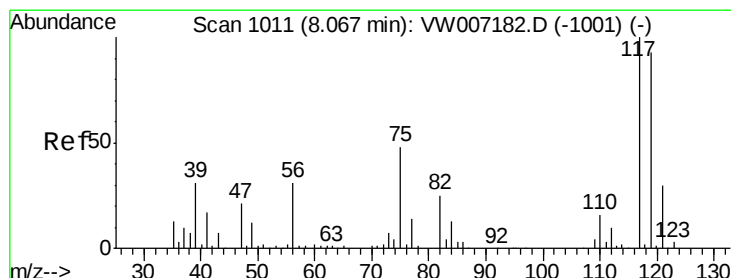
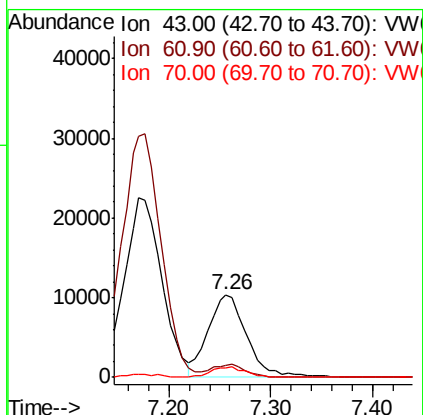
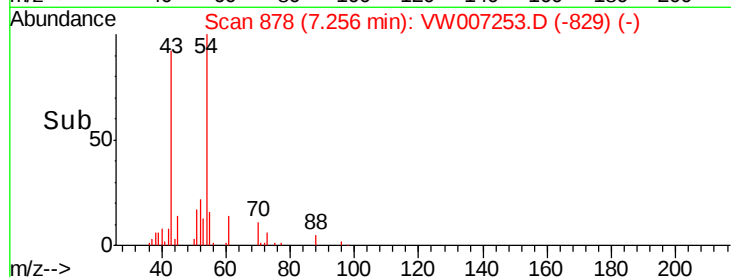
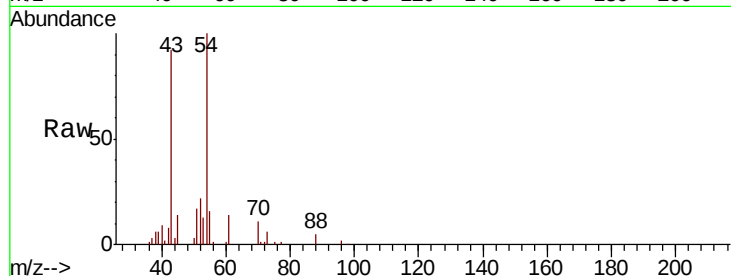




#37
Ethyl Acetate
Concen: 50.416 ug/l
RT: 7.26 min Scan# 878
Delta R.T. -0.00 min
Lab File: VW007253.D
Acq: 06 Dec 2018 00:42

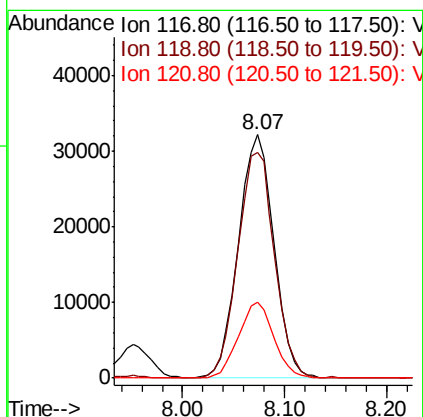
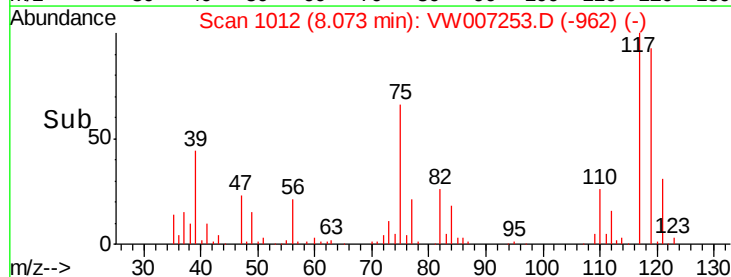
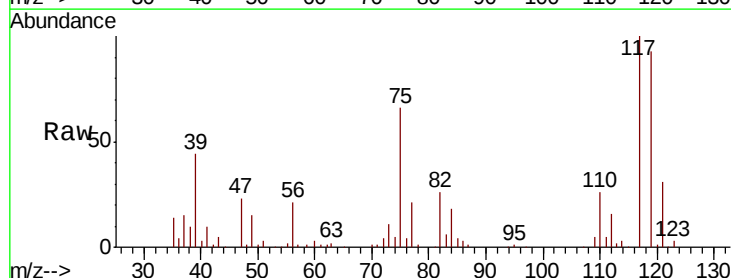
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

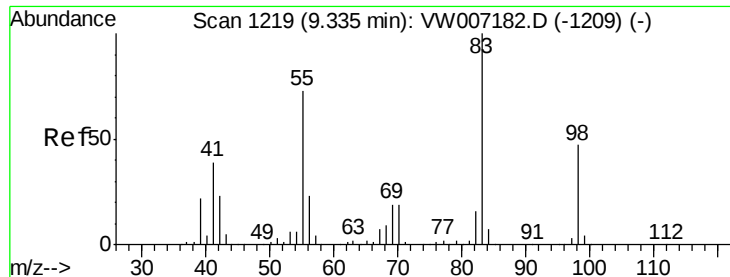
Tot Ion: 43 Resp: 26805
Ion Ratio Lower Upper
43 100
61 14.3 12.1 18.1
70 11.5 9.1 13.7



#38
Carbon Tetrachloride
Concen: 52.022 ug/l
RT: 8.07 min Scan# 1012
Delta R.T. 0.01 min
Lab File: VW007253.D
Acq: 06 Dec 2018 00:42

Tgt Ion: 117 Resp: 78045
Ion Ratio Lower Upper
117 100
119 92.5 74.1 111.1
121 31.3 23.9 35.9

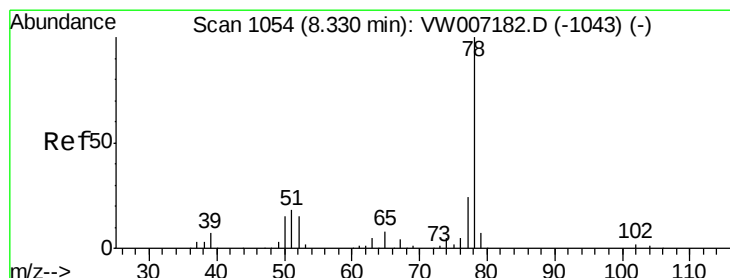
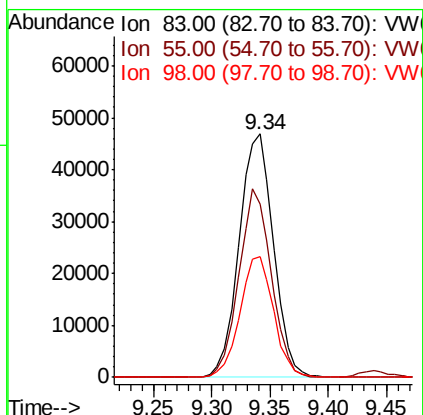
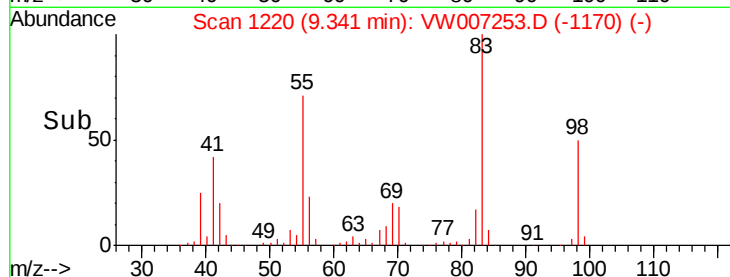
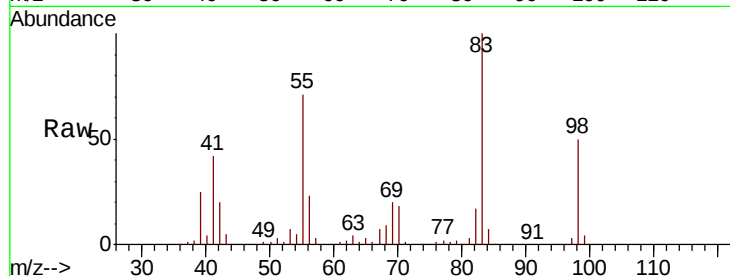




#39
Methvlcvclohexane
Concen: 49.100 ug/l
RT: 9.34 min Scan# 1220
Delta R.T. 0.01 min
Lab File: VW007253.D
Acq: 06 Dec 2018 00:42

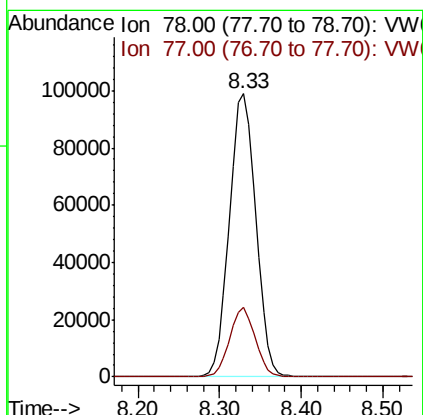
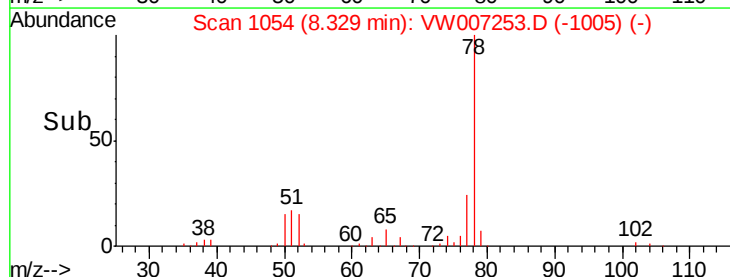
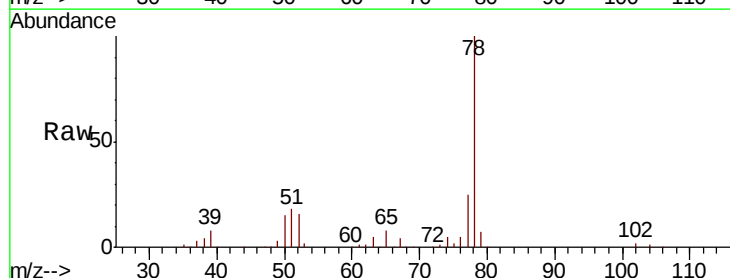
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

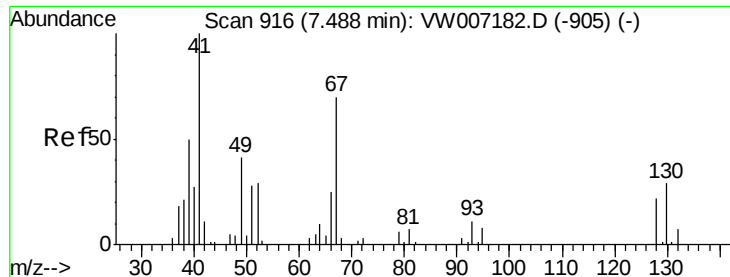
Tot Ion: 83 Resp: 96611
Ion Ratio Lower Upper
83 100
55 71.3 58.1 87.1
98 49.6 37.3 55.9



#40
Benzene
Concen: 54.998 ug/l
RT: 8.33 min Scan# 1054
Delta R.T. -0.00 min
Lab File: VW007253.D
Acq: 06 Dec 2018 00:42

Tgt Ion: 78 Resp: 221668
Ion Ratio Lower Upper
78 100
77 24.6 18.9 28.3

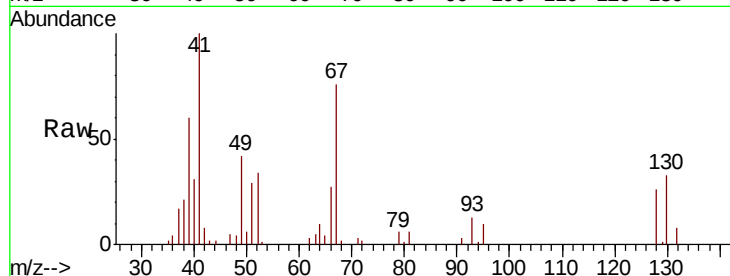




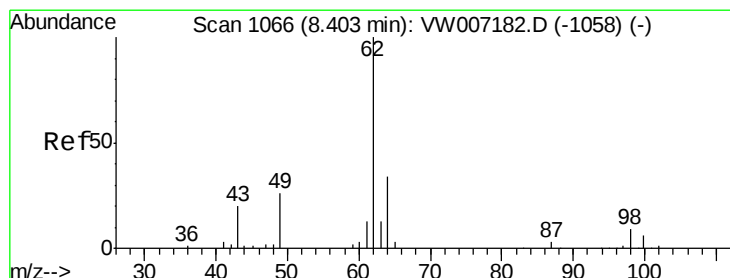
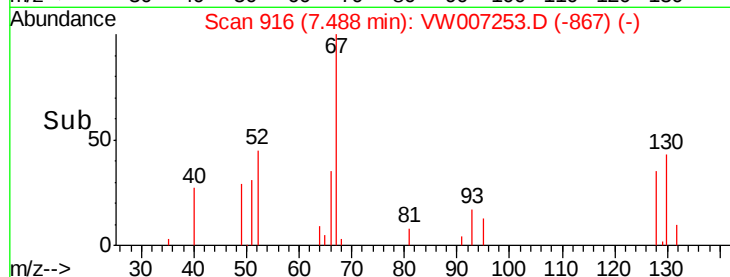
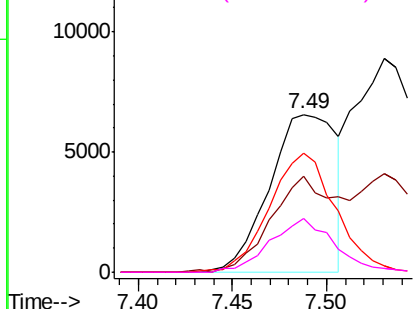
#41
Methacrylonitrile
Concen: 50.778 ug/l
RT: 7.49 min Scan# 916
Delta R.T. -0.00 min
Lab File: VW007253.D
Acq: 06 Dec 2018 00:42

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion: 41 Resp: 16171
Ion Ratio Lower Upper
41 100
39 62.3 43.4 65.0
67 74.5 57.4 86.0
52 32.6 23.3 34.9

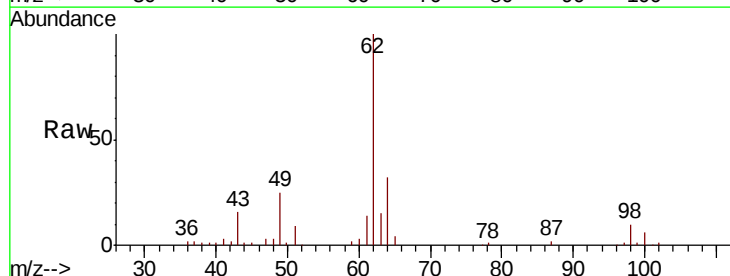


Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 39.00 (38.70 to 39.70): VW
Ion 67.00 (66.70 to 67.70): VW
Ion 52.00 (51.70 to 52.70): VW

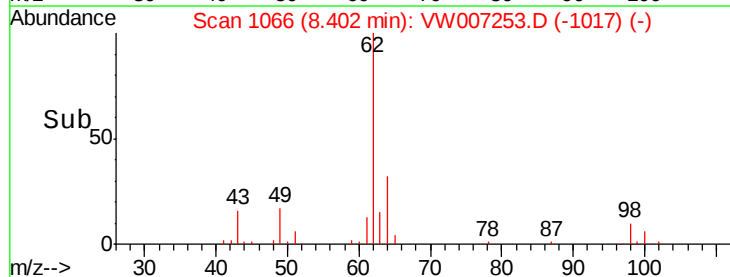
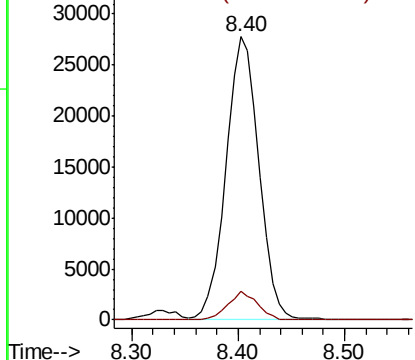


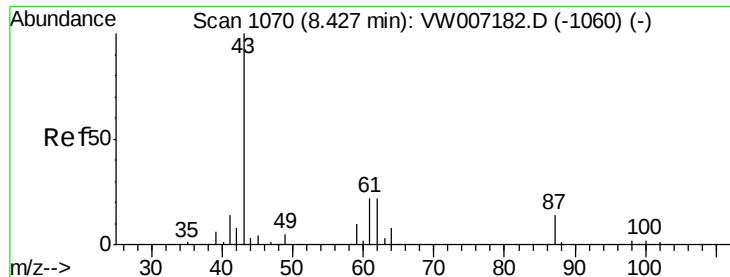
#42
1,2-Dichloroethane
Concen: 53.404 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. -0.00 min
Lab File: VW007253.D
Acq: 06 Dec 2018 00:42

Tgt Ion: 62 Resp: 60156
Ion Ratio Lower Upper
62 100
98 9.1 0.0 17.8



Abundance Ion 61.90 (61.60 to 62.60): VW
Ion 97.90 (97.60 to 98.60): VW





#43

Isopropyl Acetate

Concen: 52.456 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. -0.00 min

Lab File: VW007253.D

Acq: 06 Dec 2018 00:42

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

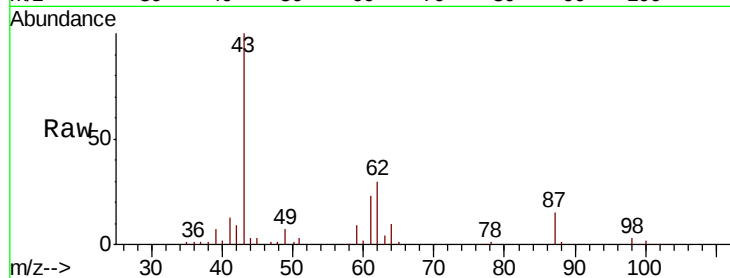
Tot Ion: 43 Resp: 54167

Ion Ratio Lower Upper

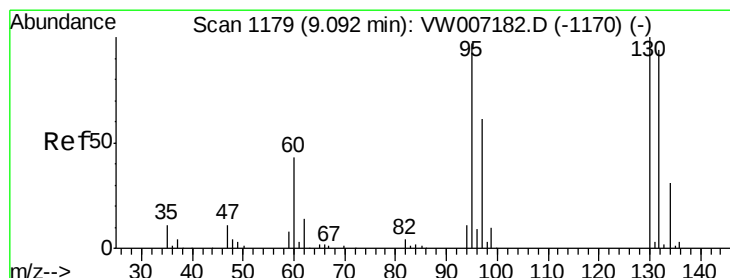
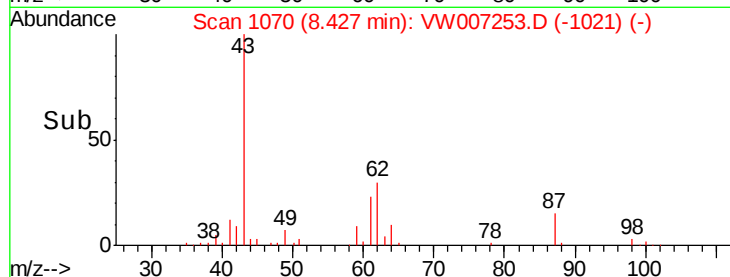
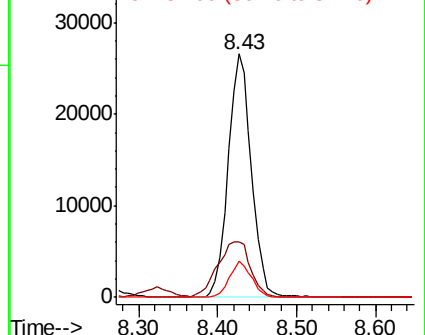
43 100

61 32.4 25.4 38.0

87 14.0 11.4 17.0



Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 61.00 (60.70 to 61.70): VW
Ion 87.00 (86.70 to 87.70): VW



#44

Trichloroethene

Concen: 53.732 ug/l

RT: 9.10 min Scan# 1180

Delta R.T. 0.01 min

Lab File: VW007253.D

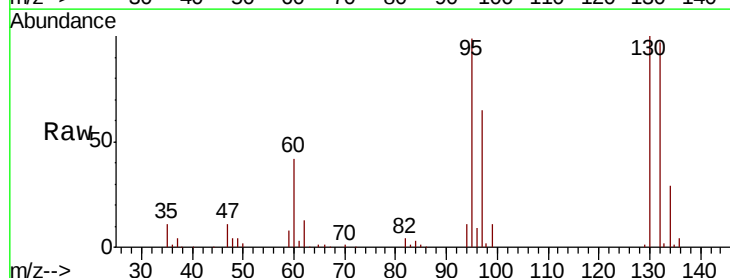
Acq: 06 Dec 2018 00:42

Tgt Ion:130 Resp: 60875

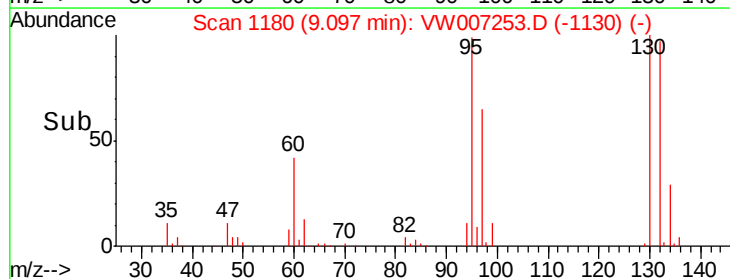
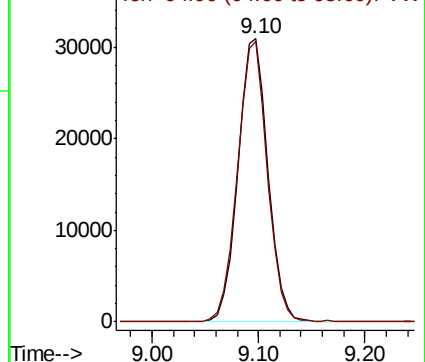
Ion Ratio Lower Upper

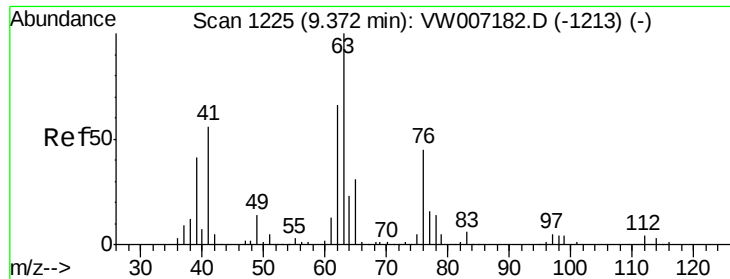
130 100

95 99.2 0.0 194.0



Abundance Ion 129.80 (129.50 to 130.50): V
Ion 94.90 (94.60 to 95.60): VW

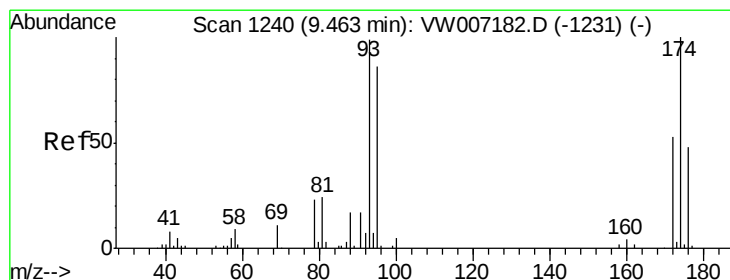
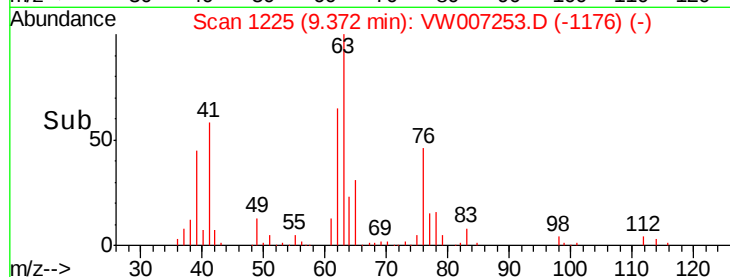
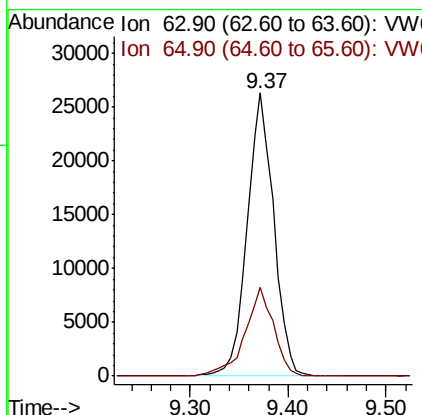
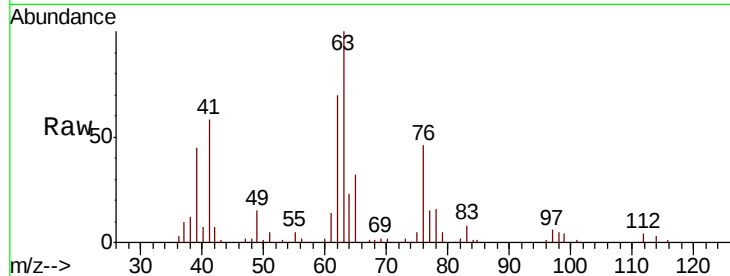




#45
 1,2-Dichloropropane
 Concen: 52.906 ug/l
 RT: 9.37 min Scan# 1225
 Delta R.T. -0.00 min
 Lab File: VW007253.D
 Acq: 06 Dec 2018 00:42

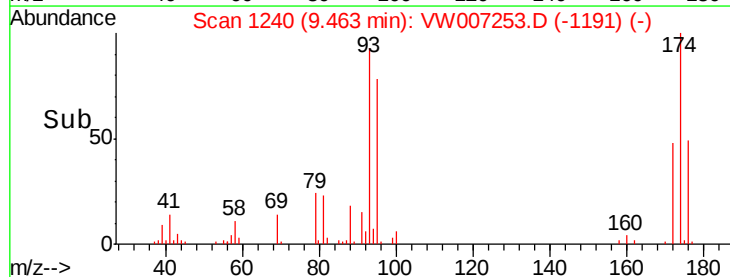
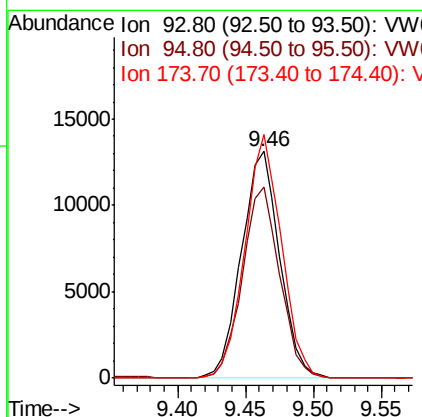
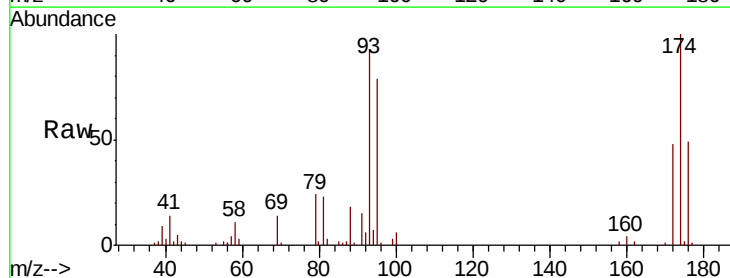
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

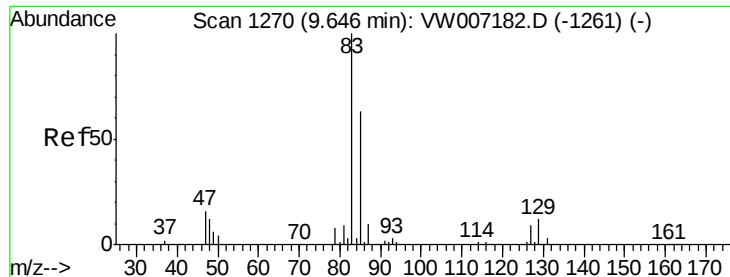
Tot Ion: 63 Resp: 49622
 Ion Ratio Lower Upper
 63 100
 65 31.6 25.0 37.4



#46
 Dibromomethane
 Concen: 52.828 ug/l
 RT: 9.46 min Scan# 1240
 Delta R.T. -0.00 min
 Lab File: VW007253.D
 Acq: 06 Dec 2018 00:42

Tgt Ion: 93 Resp: 25747
 Ion Ratio Lower Upper
 93 100
 95 82.7 68.7 103.1
 174 102.7 82.9 124.3





#47

Bromodichloromethane

Concen: 54.643 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. -0.00 min

Lab File: VW007253.D

Acq: 06 Dec 2018 00:42

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

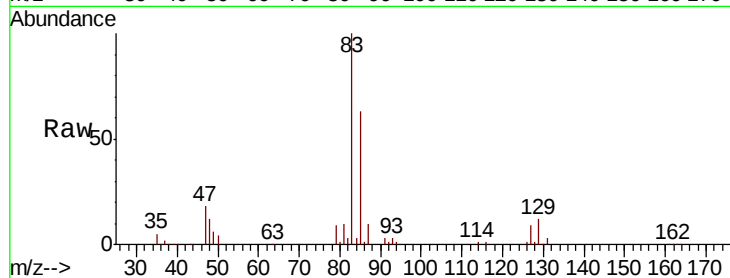
Tot Ion: 83 Resp: 70053

Ion Ratio Lower Upper

83 100

85 63.0 50.6 76.0

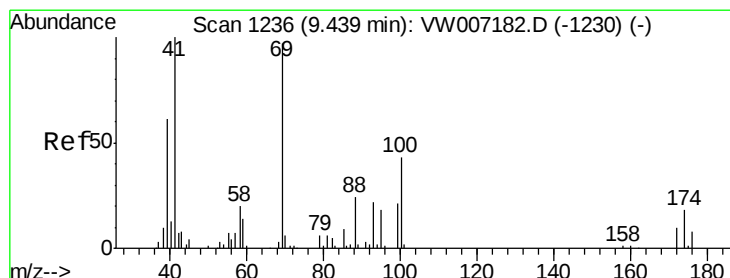
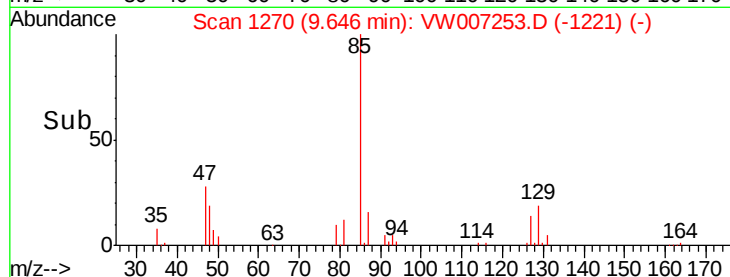
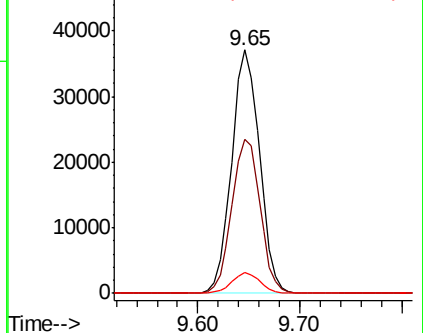
127 8.7 7.3 10.9



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 84.90 (84.60 to 85.60): VW

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 52.491 ug/l

RT: 9.44 min Scan# 1236

Delta R.T. -0.00 min

Lab File: VW007253.D

Acq: 06 Dec 2018 00:42

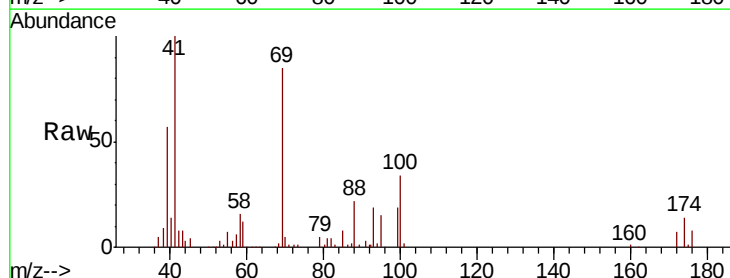
Tgt Ion: 41 Resp: 28132

Ion Ratio Lower Upper

41 100

69 88.3 69.6 104.4

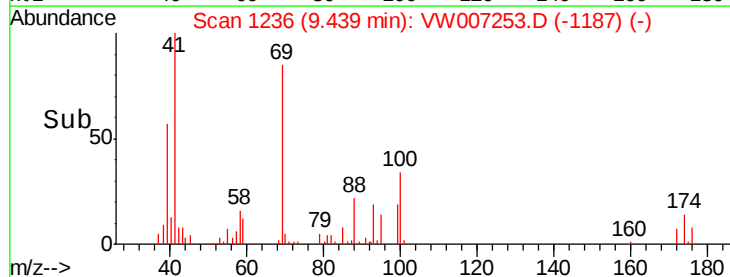
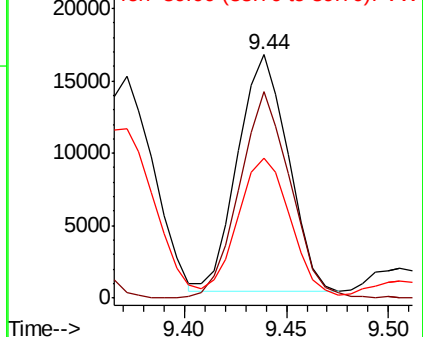
39 58.8 42.4 63.6

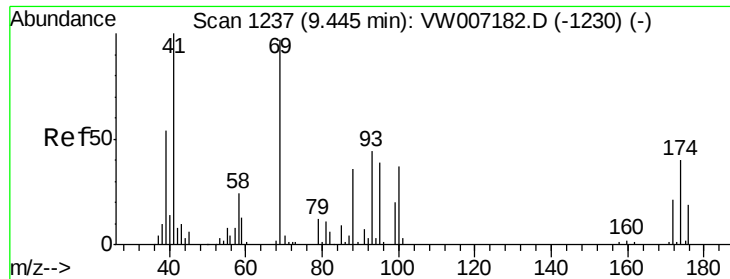


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 39.00 (38.70 to 39.70): VW

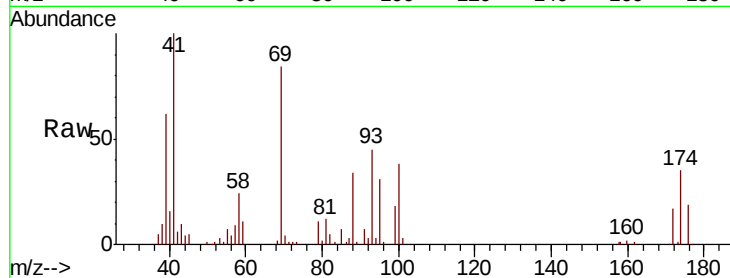




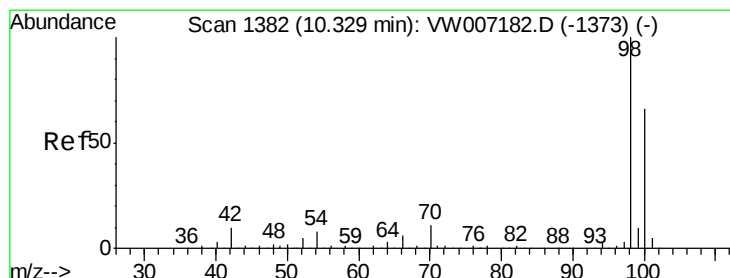
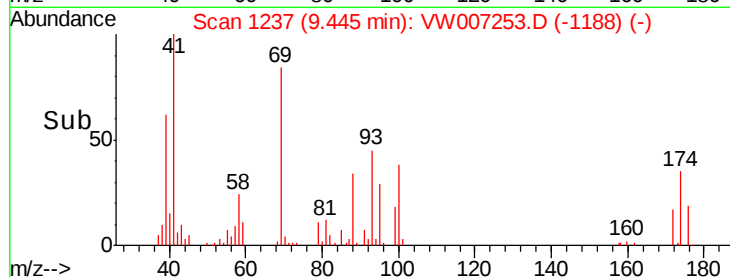
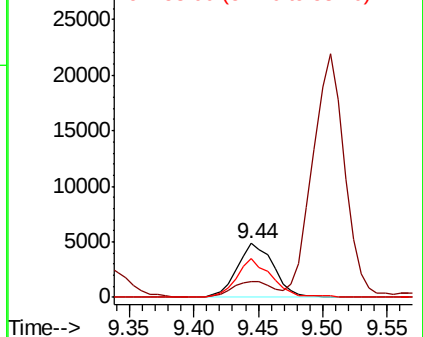
#49
1,4-Dioxane
Concen: 1122.986 ug/l
RT: 9.44 min Scan# 1237
Delta R.T. -0.00 min
Lab File: VW007253.D
Acq: 06 Dec 2018 00:42

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion: 88 Resp: 9561
Ion Ratio Lower Upper
88 100
43 33.0 25.8 38.8
58 67.2 58.9 88.3

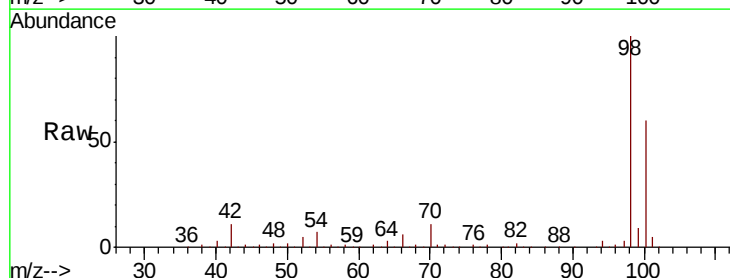


Abundance Ion 88.00 (87.70 to 88.70): VW
Ion 43.00 (42.70 to 43.70): VW
Ion 58.00 (57.70 to 58.70): VW

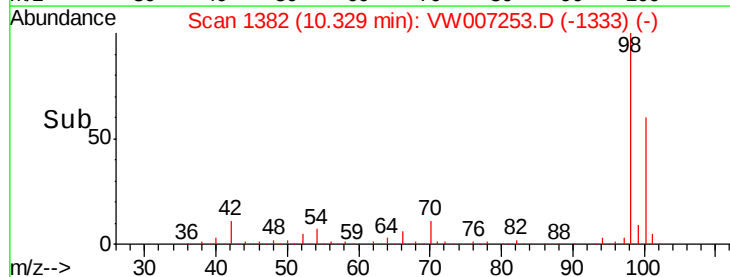
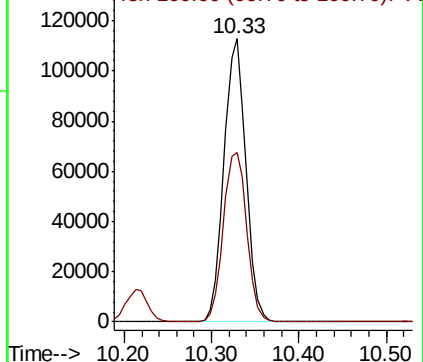


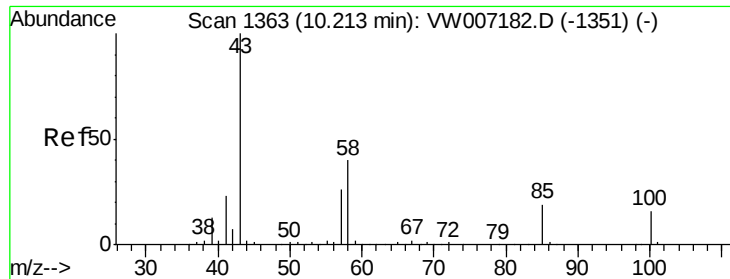
#50
Toluene-d8
Concen: 51.456 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VW007253.D
Acq: 06 Dec 2018 00:42

Tgt Ion: 98 Resp: 196055
Ion Ratio Lower Upper
98 100
100 63.8 52.7 79.1



Abundance Ion 98.00 (97.70 to 98.70): VW
Ion 100.00 (99.70 to 100.70): VW





#51

4-Methyl-2-Pentanone

Concen: 271.464 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. -0.00 min

Lab File: VW007253.D

Acq: 06 Dec 2018 00:42

Instrument :

MSVOA_W

ClientSampleId :

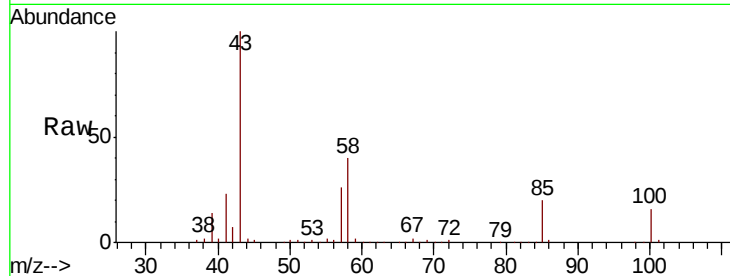
VSTDCCC050EC

Tot Ion: 43 Resp: 138143

Ion Ratio Lower Upper

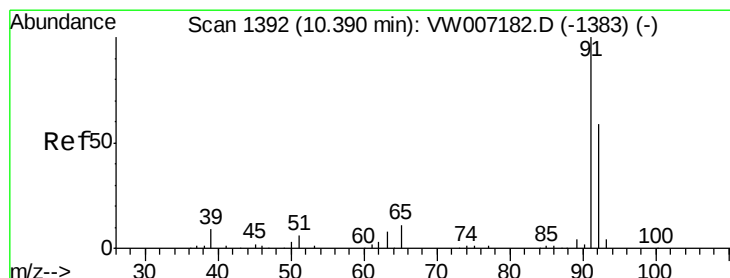
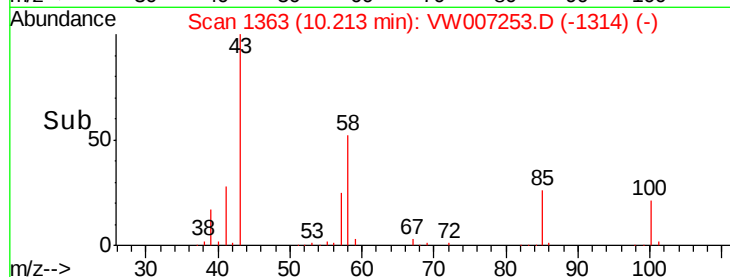
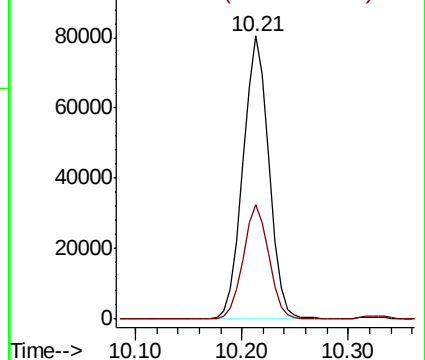
43 100

58 39.9 32.3 48.5



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#52

Toluene

Concen: 54.047 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW007253.D

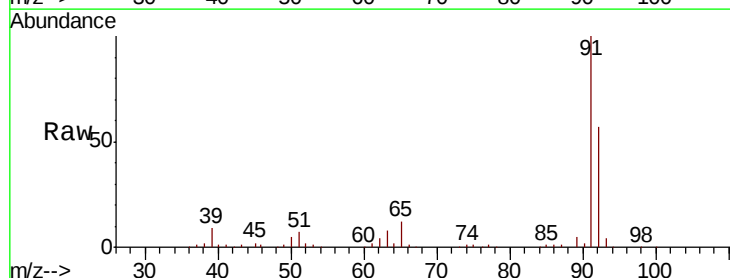
Acq: 06 Dec 2018 00:42

Tgt Ion: 92 Resp: 151530

Ion Ratio Lower Upper

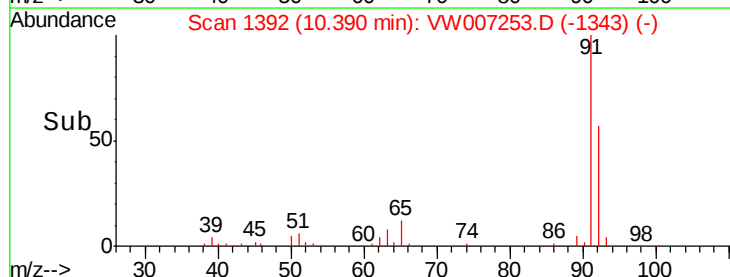
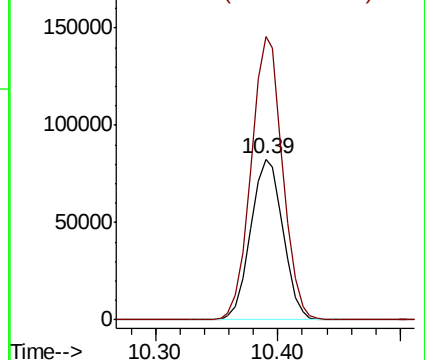
92 100

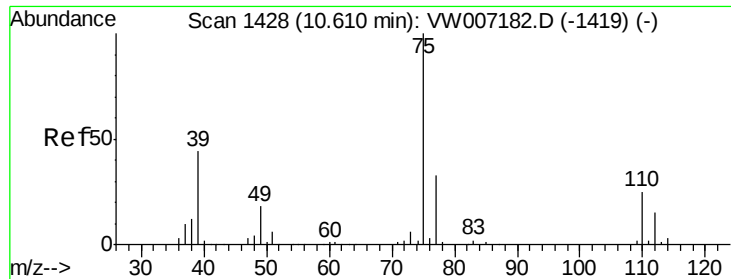
91 171.9 136.0 204.0



Abundance Ion 92.00 (91.70 to 92.70): VW

Ion 91.00 (90.70 to 91.70): VW

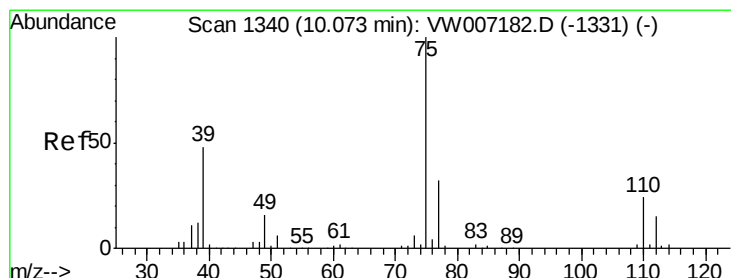
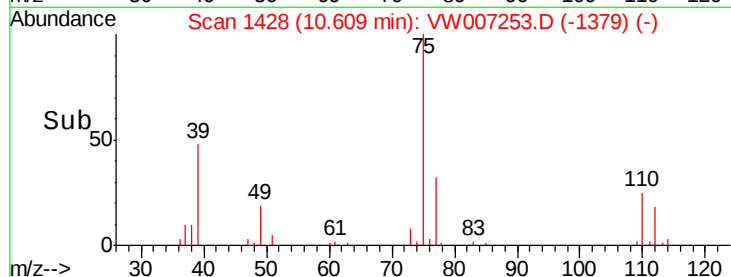
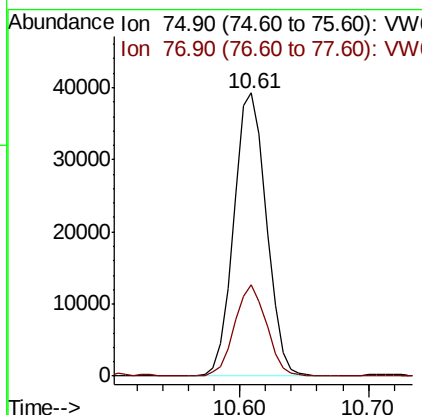
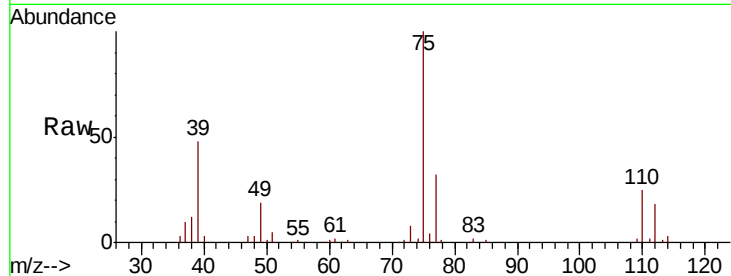




#53
t-1,3-Dichloropropene
Concen: 53.420 ug/l
RT: 10.61 min Scan# 1428
Delta R.T. -0.00 min
Lab File: VW007253.D
Acq: 06 Dec 2018 00:42

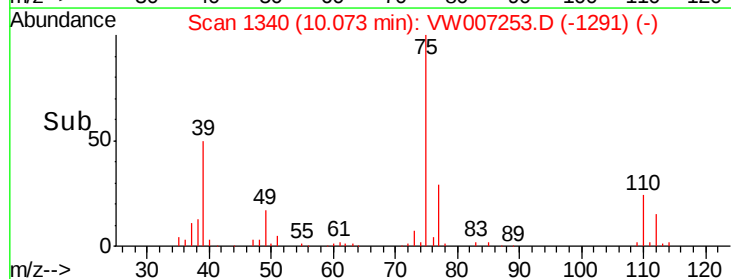
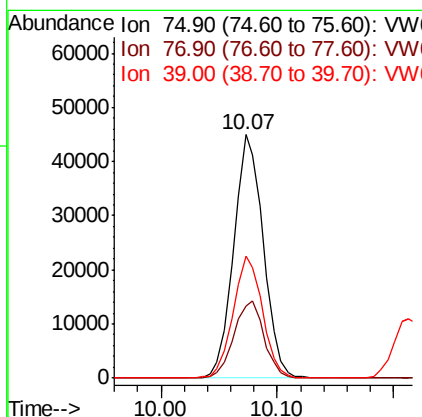
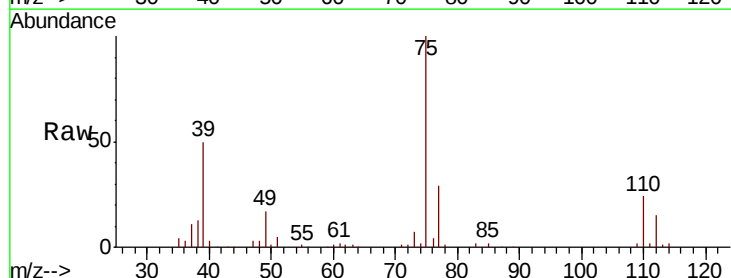
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

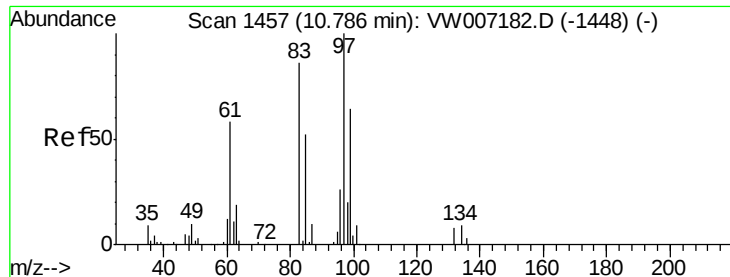
Tot Ion: 75 Resp: 68854
Ion Ratio Lower Upper
75 100
77 32.2 26.2 39.2



#54
cis-1,3-Dichloropropene
Concen: 52.740 ug/l
RT: 10.07 min Scan# 1340
Delta R.T. -0.00 min
Lab File: VW007253.D
Acq: 06 Dec 2018 00:42

Tgt Ion: 75 Resp: 79664
Ion Ratio Lower Upper
75 100
77 29.4 26.0 39.0
39 50.0 38.0 57.0



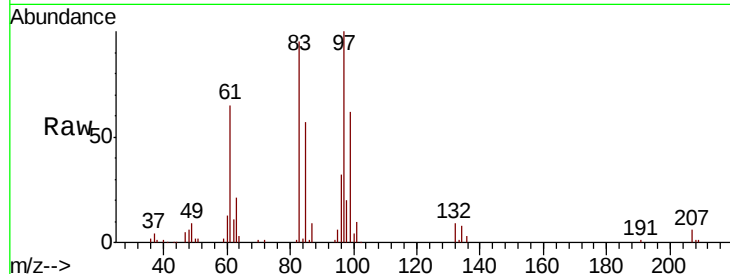


#55
 1,1,2-Trichloroethane
 Concen: 52.679 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.00 min
 Lab File: VW007253.D
 Acq: 06 Dec 2018 00:42

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

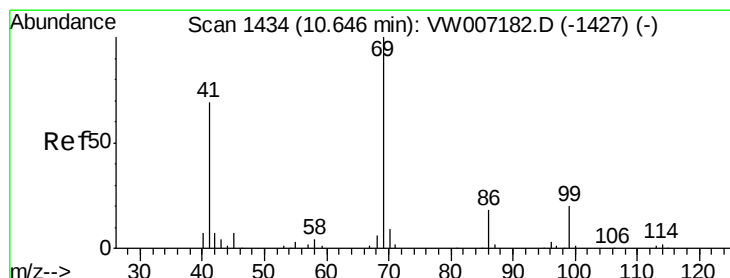
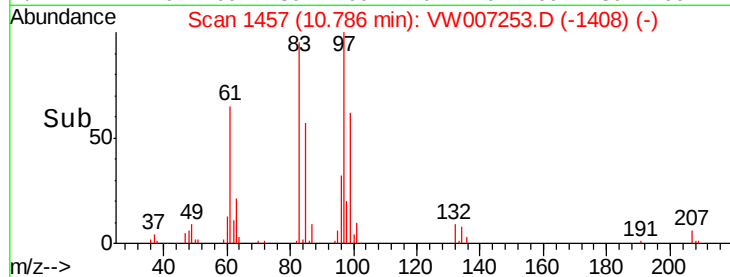
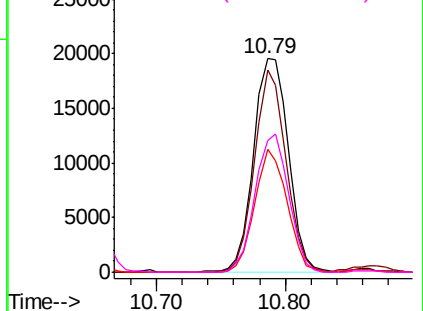
Tot Ion: 97 Resp: 36520

Ion	Ratio	Lower	Upper
97	100		
83	94.6	68.6	102.8
85	57.3	41.4	62.2
99	61.9	51.2	76.8



Abundance

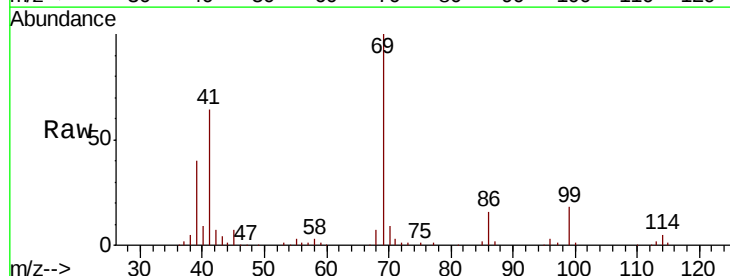
Ion 96.90 (96.60 to 97.60): VW
 Ion 82.90 (82.60 to 83.60): VW
 Ion 84.90 (84.60 to 85.60): VW
 Ion 98.90 (98.60 to 99.60): VW



#56
 Ethyl methacrylate
 Concen: 55.647 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: VW007253.D
 Acq: 06 Dec 2018 00:42

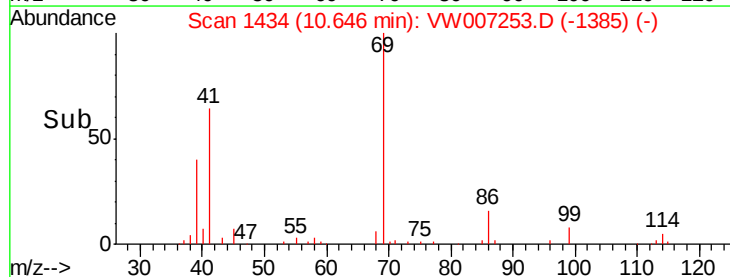
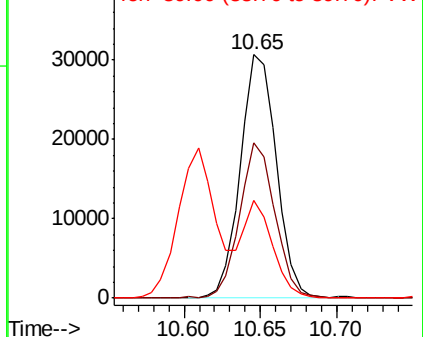
Tgt Ion: 69 Resp: 50322

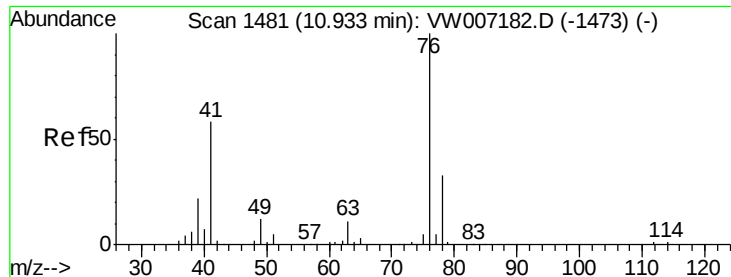
Ion	Ratio	Lower	Upper
69	100		
41	63.1	51.8	77.6
39	31.3	28.7	43.1



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

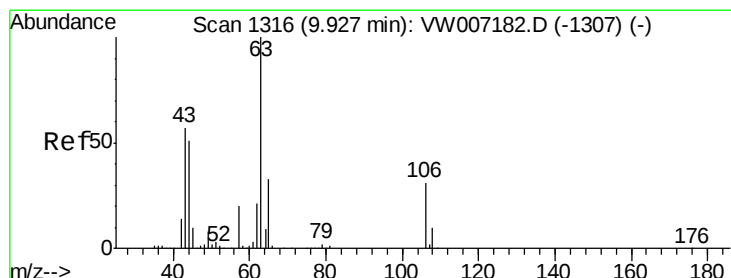
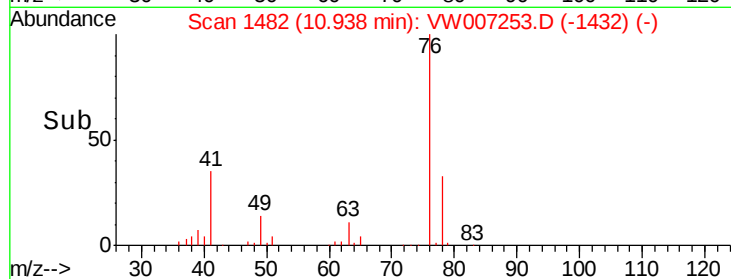
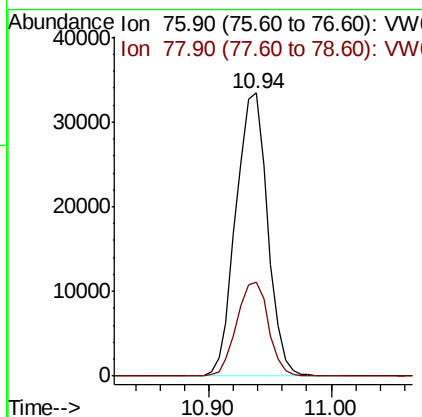
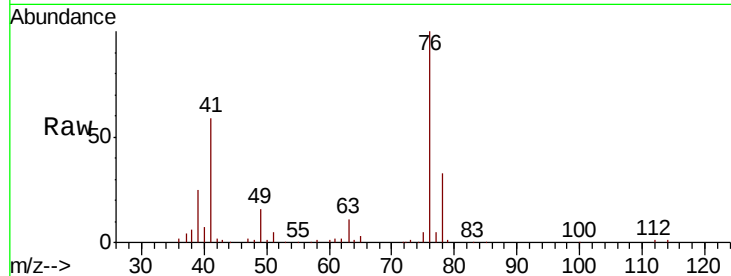




#57
 1,3-Dichloropropane
 Concen: 51.343 ug/l
 RT: 10.94 min Scan# 1482
 Delta R.T. 0.01 min
 Lab File: VW007253.D
 Acq: 06 Dec 2018 00:42

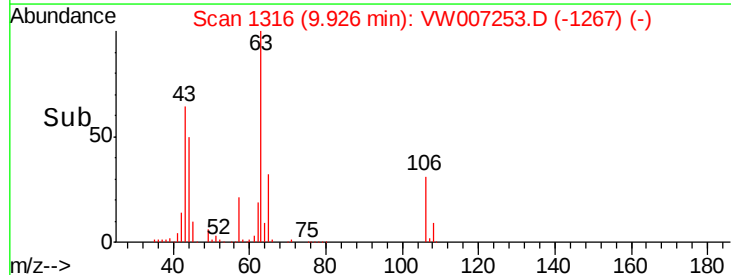
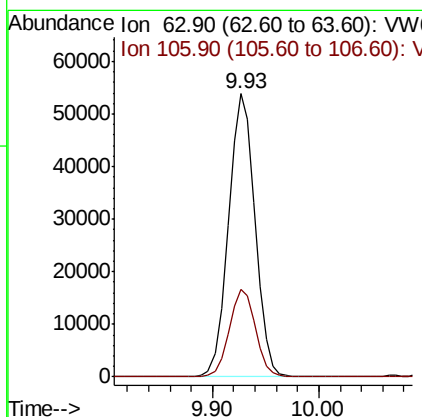
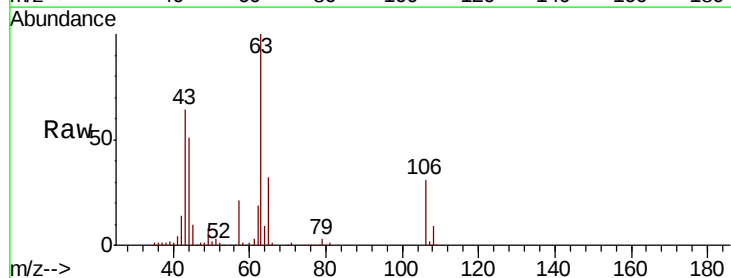
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

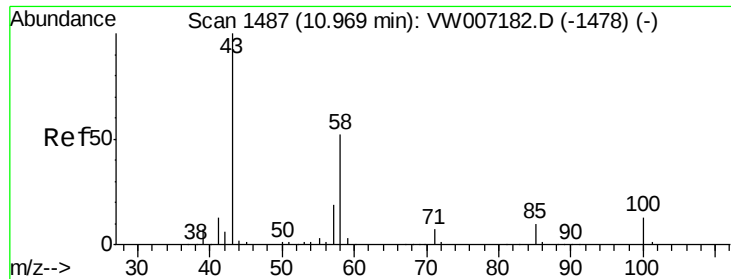
Tot Ion: 76 Resp: 60093
 Ion Ratio Lower Upper
 76 100
 78 33.3 26.6 40.0



#58
 2-Chloroethyl Vinyl ether
 Concen: 258.812 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VW007253.D
 Acq: 06 Dec 2018 00:42

Tgt Ion: 63 Resp: 94007
 Ion Ratio Lower Upper
 63 100
 106 30.5 24.1 36.1





#59

2-Hexanone

Concen: 259.949 ug/l

RT: 10.97 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VW007253.D

Acq: 06 Dec 2018 00:42

Instrument :

MSVOA_W

ClientSampleId :

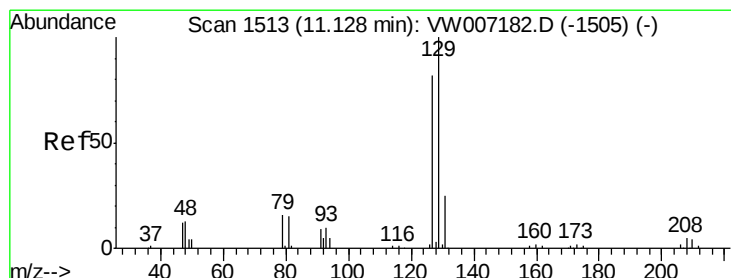
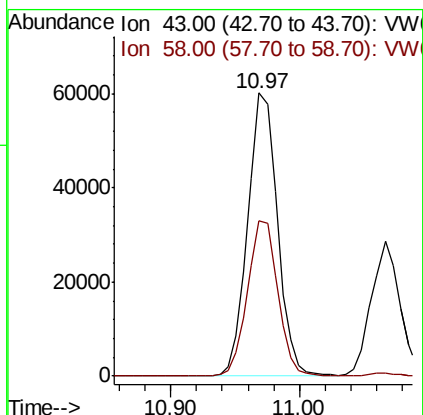
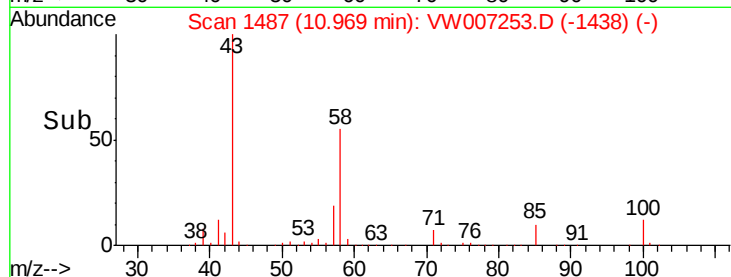
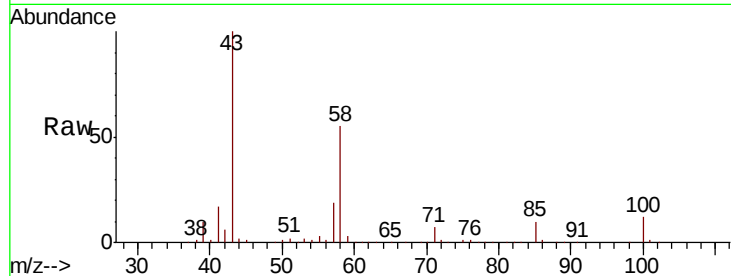
VSTDCCC050EC

Tot Ion: 43 Resp: 95894

Ion Ratio Lower Upper

43 100

58 55.9 28.1 84.4



#60

Dibromochloromethane

Concen: 54.008 ug/l

RT: 11.13 min Scan# 1514

Delta R.T. 0.01 min

Lab File: VW007253.D

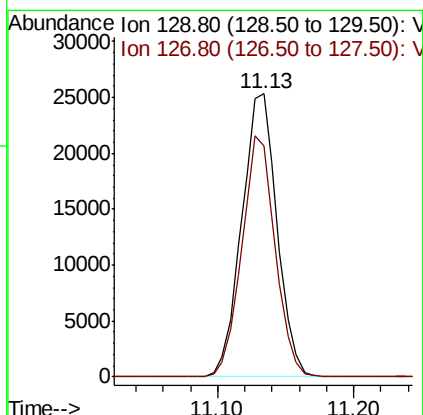
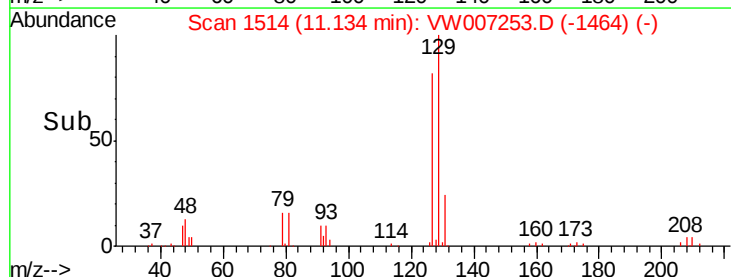
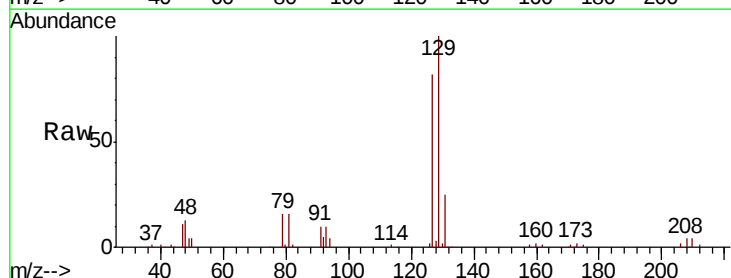
Acq: 06 Dec 2018 00:42

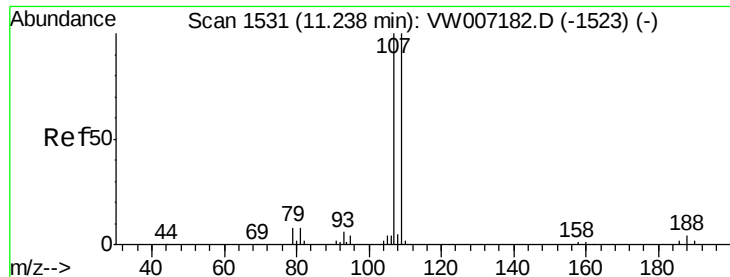
Tgt Ion: 129 Resp: 46017

Ion Ratio Lower Upper

129 100

127 80.5 39.8 119.4

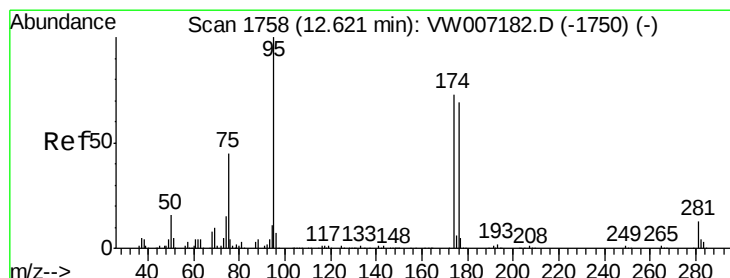
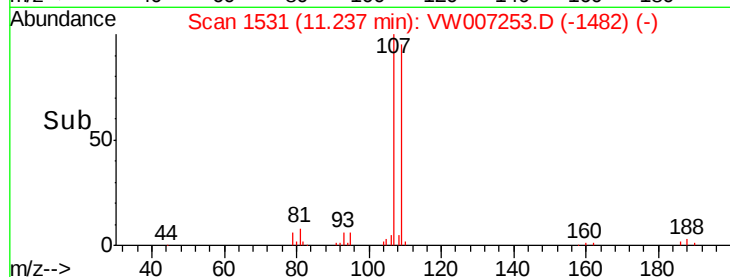
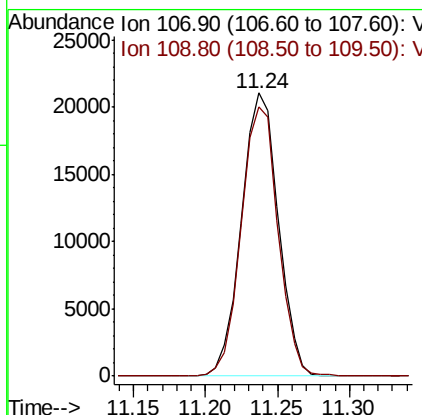
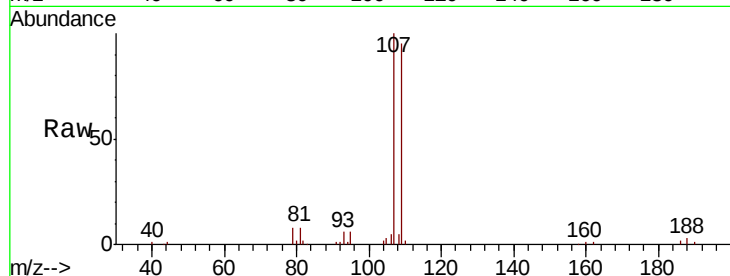




#61
 1,2-Dibromoethane
 Concen: 56.095 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. -0.00 min
 Lab File: VW007253.D
 Acq: 06 Dec 2018 00:42

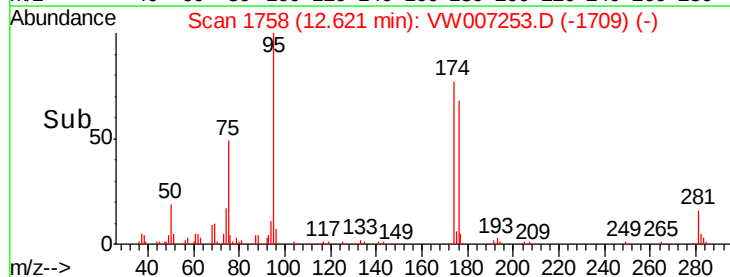
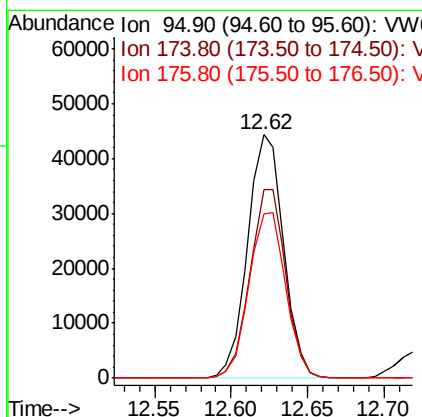
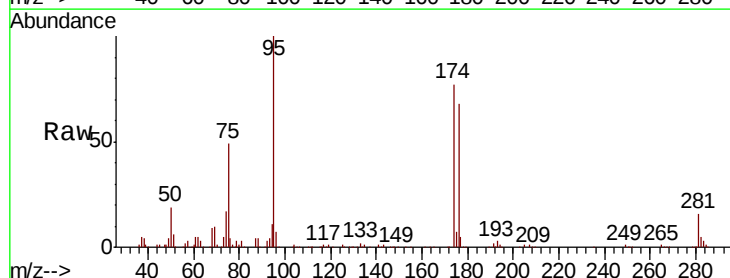
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 107 Resp: 37299
 Ion Ratio Lower Upper
 107 100
 109 95.1 77.3 115.9



#62
 4-Bromofluorobenzene
 Concen: 50.389 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.00 min
 Lab File: VW007253.D
 Acq: 06 Dec 2018 00:42

Tgt Ion: 95 Resp: 72466
 Ion Ratio Lower Upper
 95 100
 174 77.2 0.0 148.0
 176 69.8 0.0 139.4

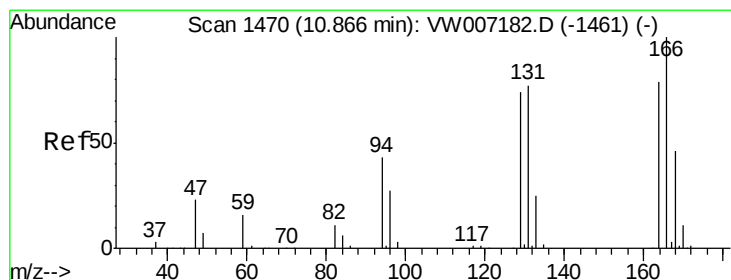
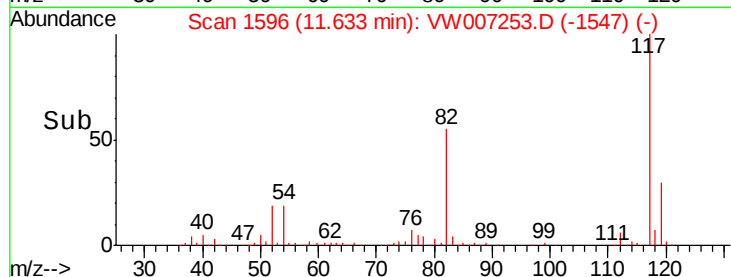
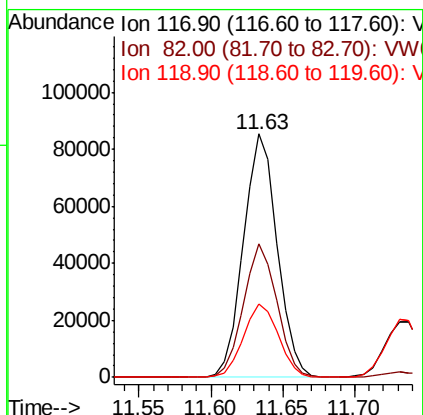
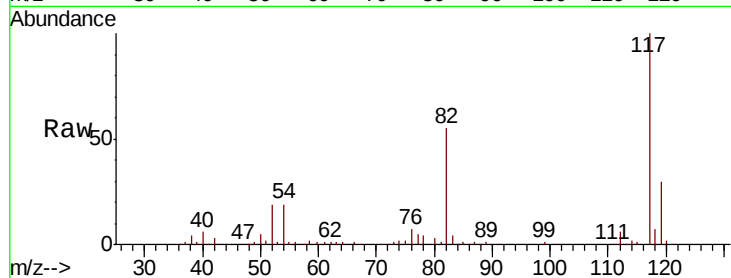




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW007253.D
Acq: 06 Dec 2018 00:42

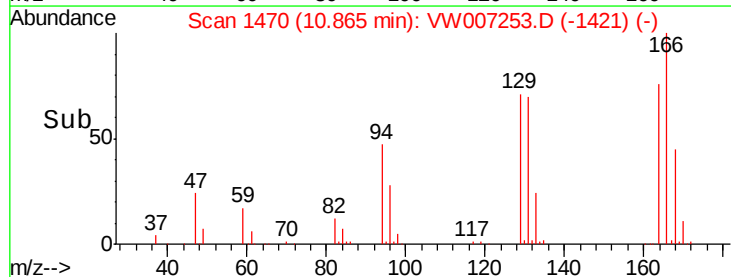
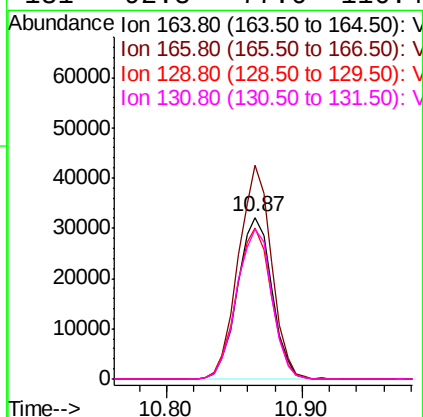
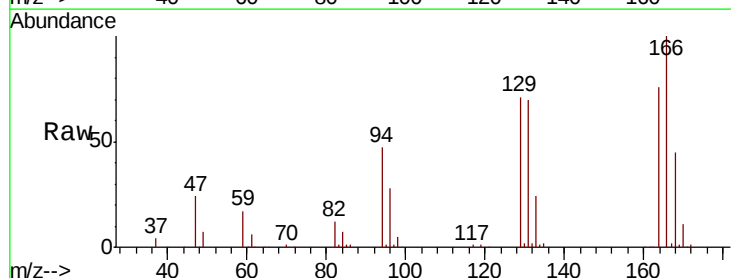
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

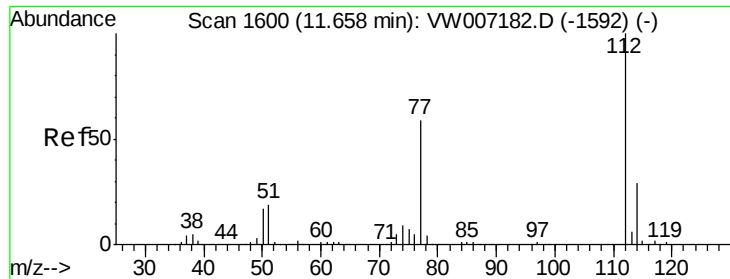
Tot Ion:117 Resp: 138186
Ion Ratio Lower Upper
117 100
82 54.6 47.4 71.2
119 30.4 26.8 40.2



#64
Tetrachloroethene
Concen: 56.186 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VW007253.D
Acq: 06 Dec 2018 00:42

Tgt Ion:164 Resp: 56726
Ion Ratio Lower Upper
164 100
166 132.0 101.0 151.4
129 93.5 74.6 111.8
131 92.8 77.6 116.4

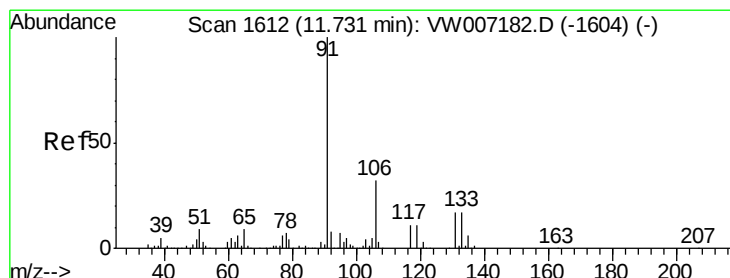
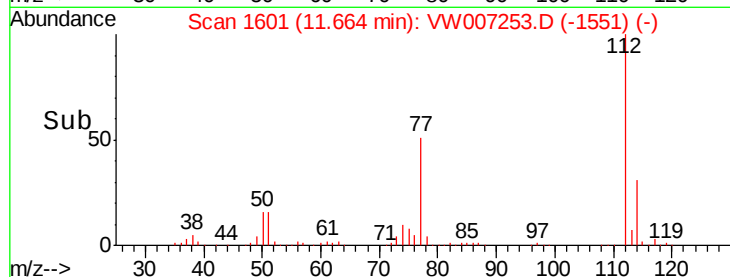
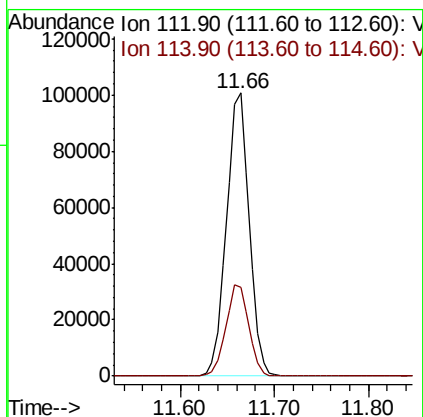
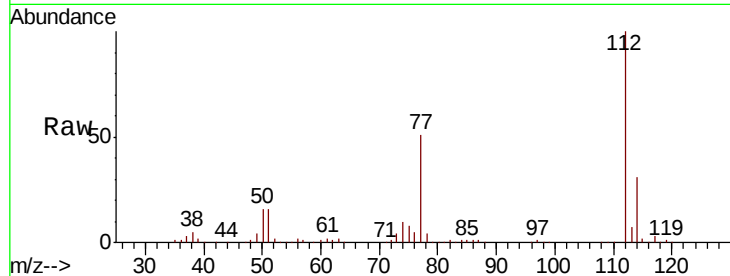




#65
Chlorobenzene
Concen: 54.599 ug/l
RT: 11.66 min Scan# 1601
Delta R.T. 0.01 min
Lab File: VW007253.D
Acq: 06 Dec 2018 00:42

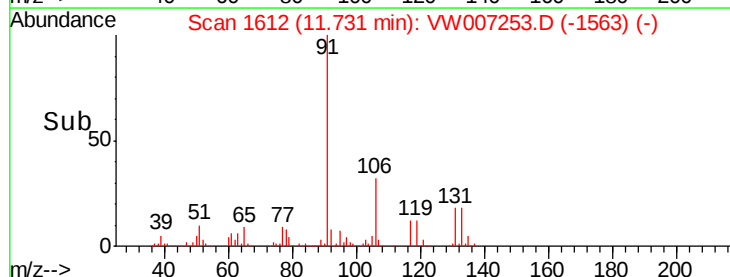
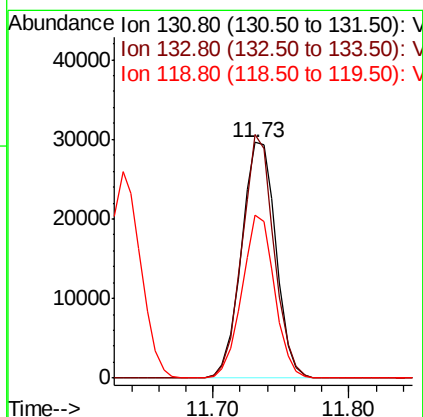
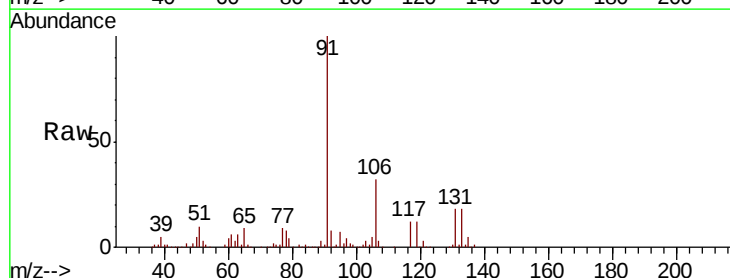
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion:112 Resp: 168504
Ion Ratio Lower Upper
112 100
114 31.5 23.0 34.4



#66
1,1,1,2-Tetrachloroethane
Concen: 54.976 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW007253.D
Acq: 06 Dec 2018 00:42

Tgt Ion:131 Resp: 52399
Ion Ratio Lower Upper
131 100
133 95.7 48.0 144.2
119 65.4 32.8 98.4

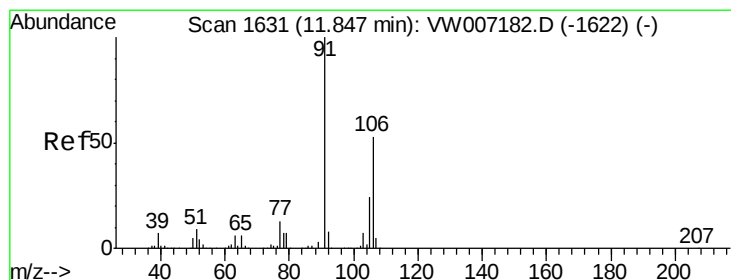
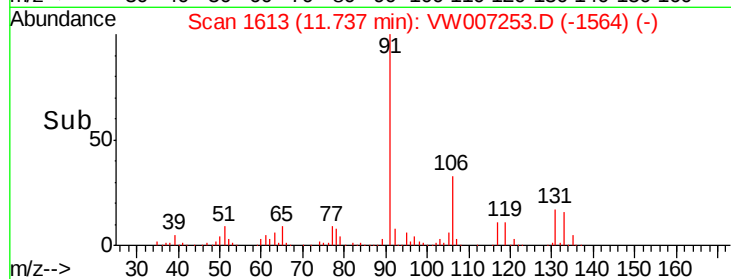
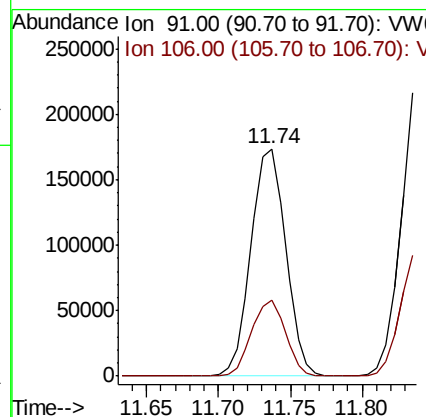
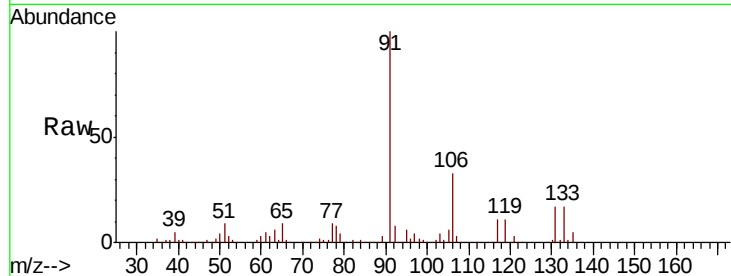




#67
Ethyl Benzene
Concen: 51.588 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. -0.00 min
Lab File: VW007253.D
Acq: 06 Dec 2018 00:42

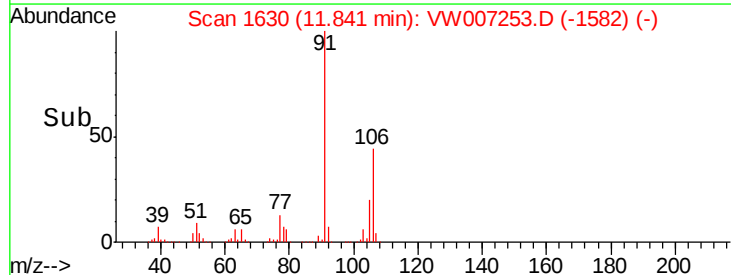
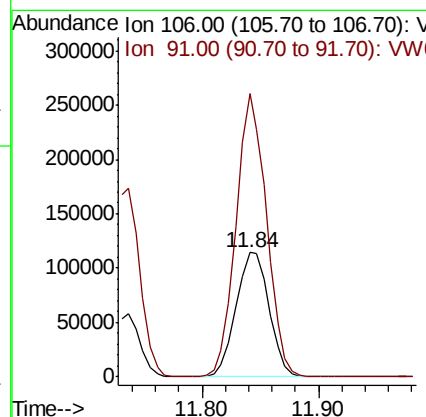
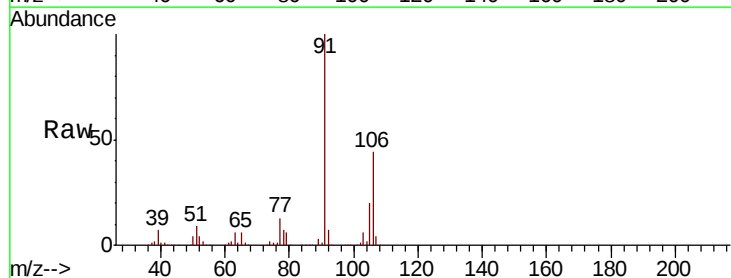
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 290178
Ion Ratio Lower Upper
91 100
106 33.4 26.0 39.0



#68
m/p-Xylenes
Concen: 102.493 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.01 min
Lab File: VW007253.D
Acq: 06 Dec 2018 00:42

Tgt Ion: 106 Resp: 226168
Ion Ratio Lower Upper
106 100
91 209.6 160.2 240.4

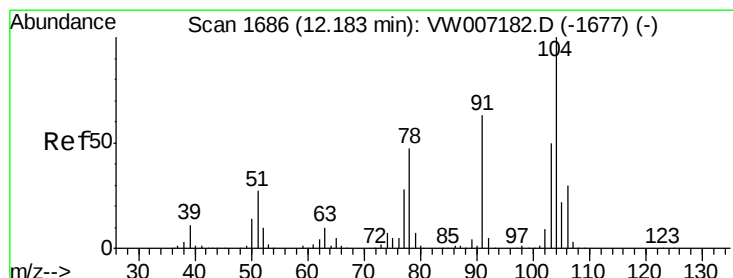
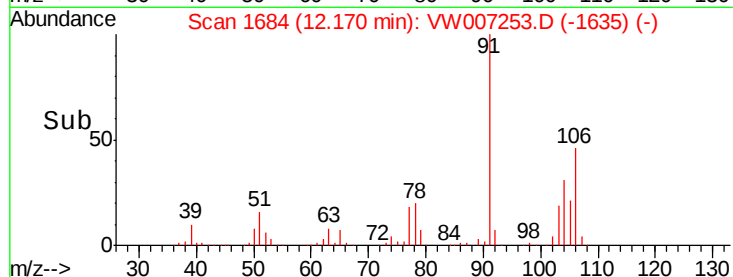
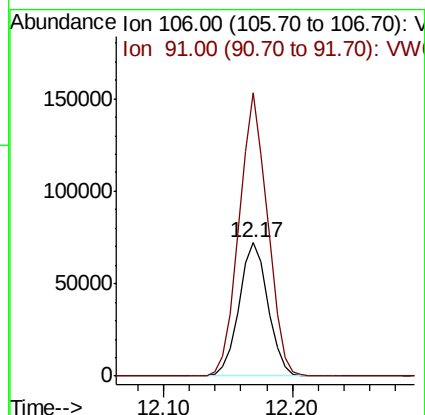
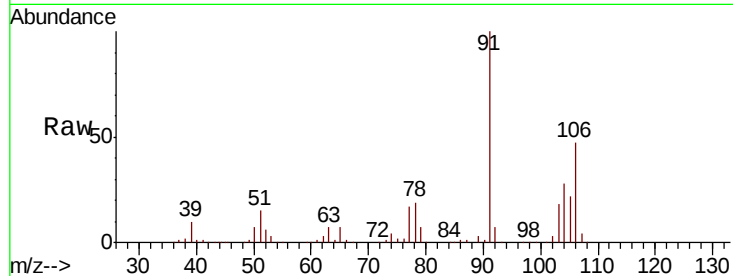




#69
o-Xylene
Concen: 54.223 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW007253.D
Acq: 06 Dec 2018 00:42

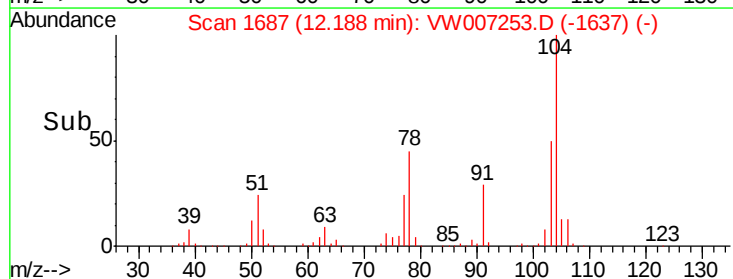
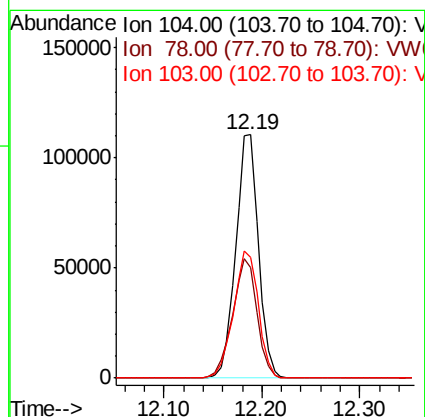
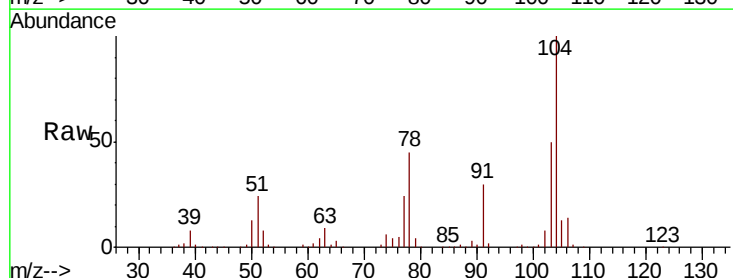
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

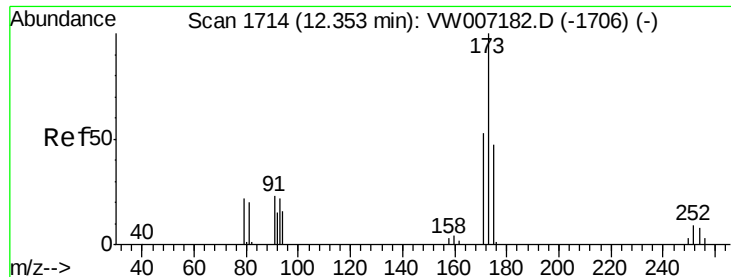
Tot Ion:106 Resp: 111791
Ion Ratio Lower Upper
106 100
91 209.6 104.9 314.7



#70
Styrene
Concen: 52.793 ug/l
RT: 12.19 min Scan# 1687
Delta R.T. 0.01 min
Lab File: VW007253.D
Acq: 06 Dec 2018 00:42

Tgt Ion:104 Resp: 178170
Ion Ratio Lower Upper
104 100
78 52.7 40.6 60.8
103 57.2 43.0 64.4

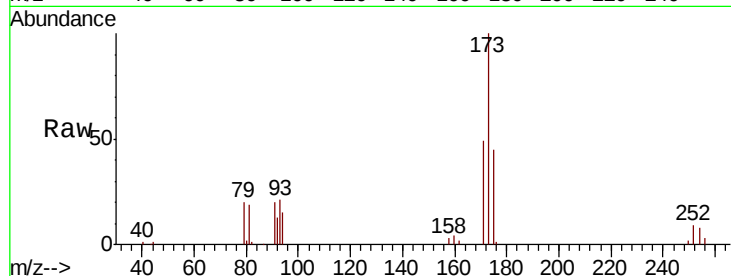




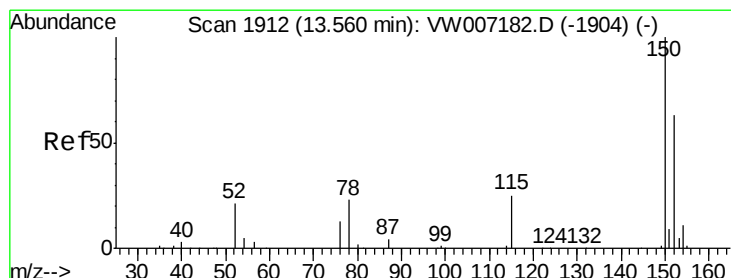
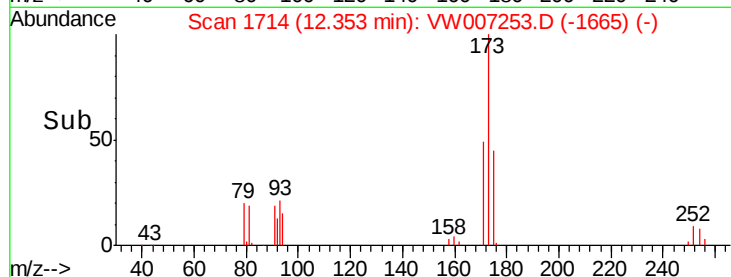
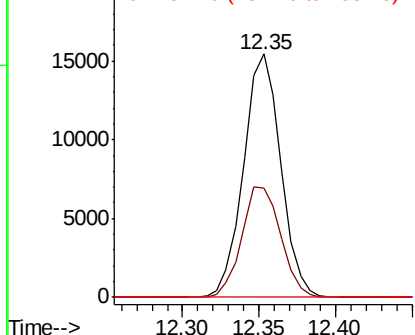
#71
Bromoform
Concen: 54.698 ug/l
RT: 12.35 min Scan# 1714
Delta R.T. -0.00 min
Lab File: VW007253.D
Acq: 06 Dec 2018 00:42

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion:173 Resp: 26098
Ion Ratio Lower Upper
173 100
175 47.5 24.0 72.0
254 0.0 0.0 0.0

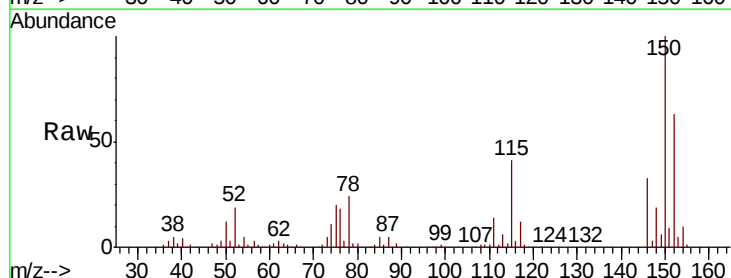


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

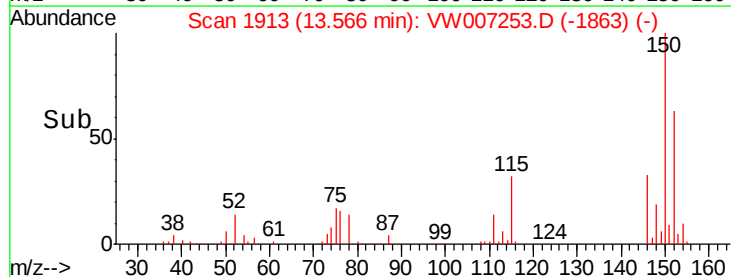
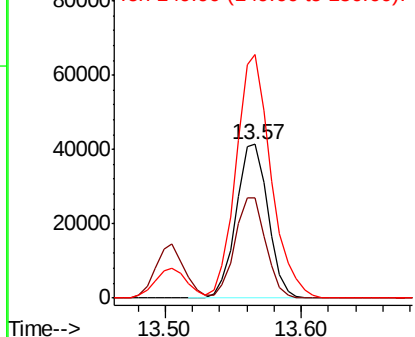


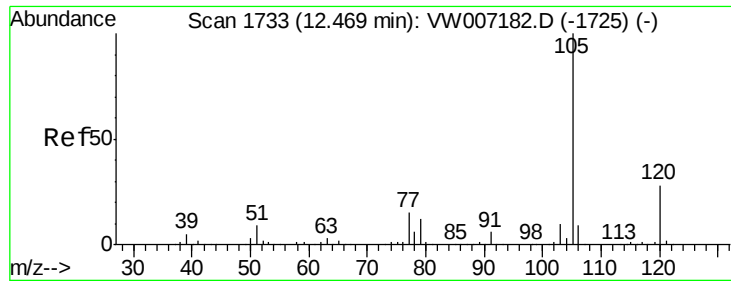
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. 0.01 min
Lab File: VW007253.D
Acq: 06 Dec 2018 00:42

Tgt Ion:152 Resp: 67775
Ion Ratio Lower Upper
152 100
115 63.2 31.3 93.8
150 173.2 0.0 358.0



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: 55.383 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. -0.00 min

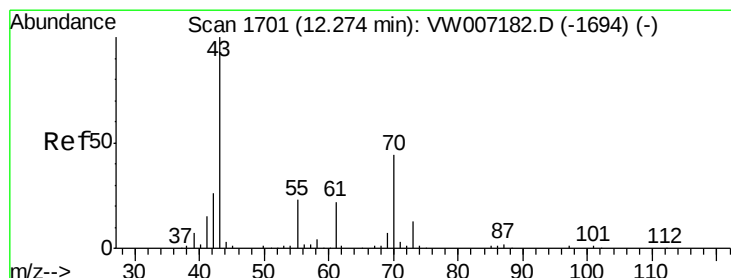
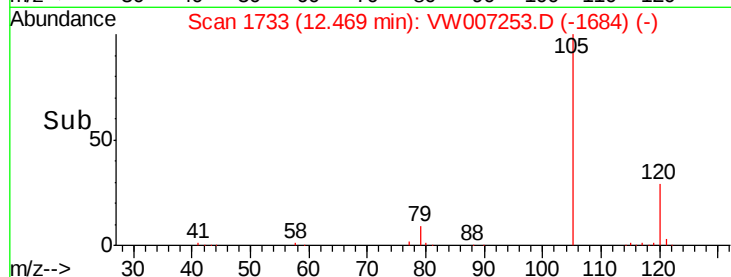
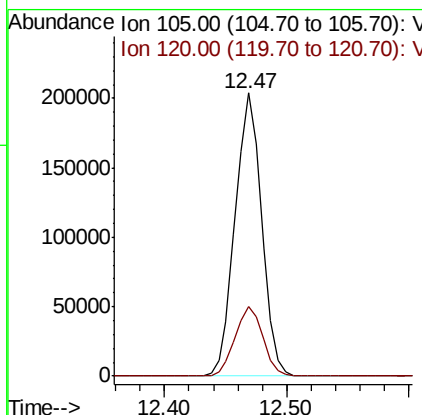
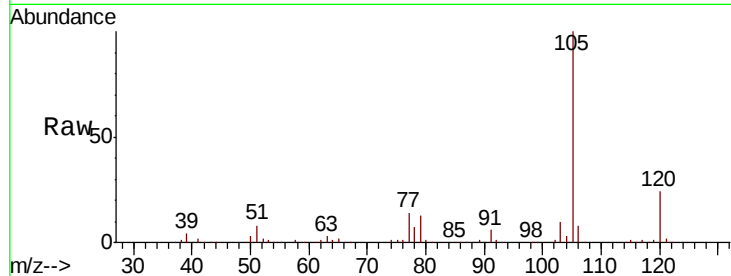
Lab File: VW007253.D

Acq: 06 Dec 2018 00:42

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion:105 Resp: 305290

Ion	Ratio	Lower	Upper
105	100		
120	25.5	13.2	39.6



#74

N-ethyl acetate

Concen: 56.222 ug/l

RT: 12.27 min Scan# 1701

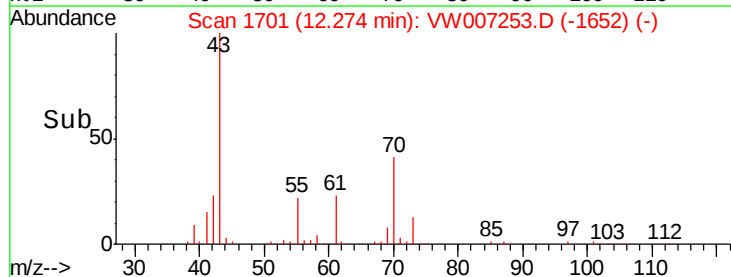
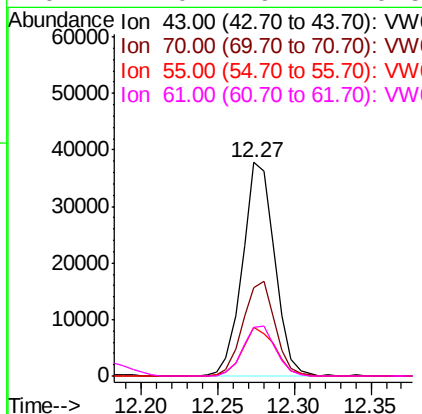
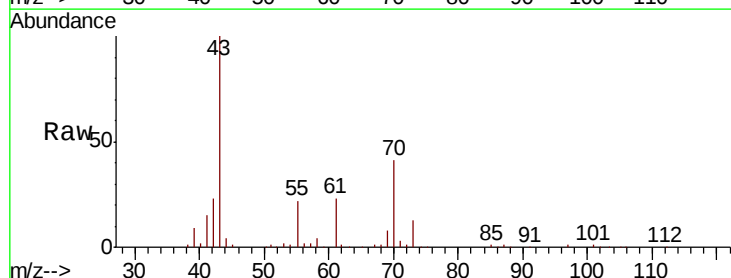
Delta R.T. -0.00 min

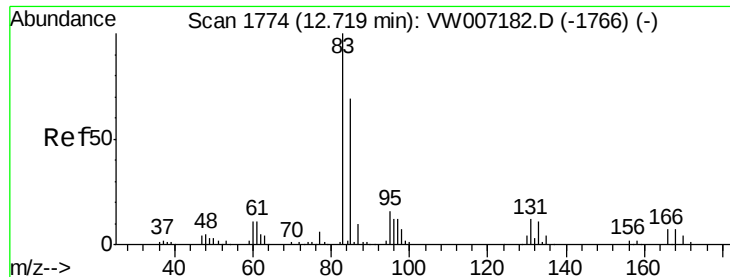
Lab File: VW007253.D

Acq: 06 Dec 2018 00:42

Tgt Ion: 43 Resp: 54948

Ion	Ratio	Lower	Upper
43	100		
70	44.2	34.0	51.0
55	23.3	19.0	28.6
61	24.0	19.7	29.5





#75

1,1,2,2-Tetrachloroethane

Concen: 53.243 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. -0.00 min

Lab File: VW007253.D

Acq: 06 Dec 2018 00:42

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

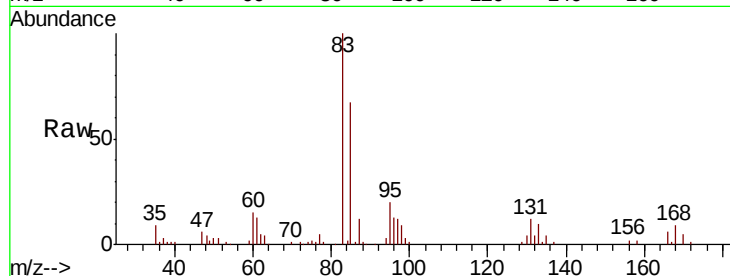
Tot Ion: 83 Resp: 38117

Ion Ratio Lower Upper

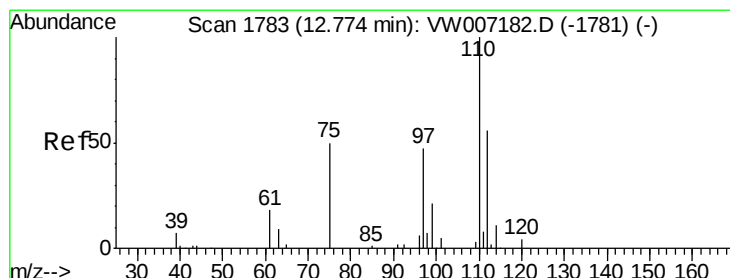
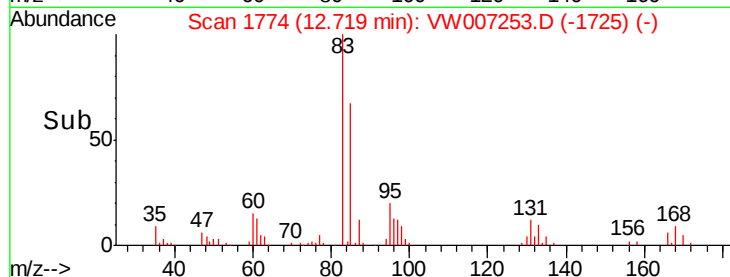
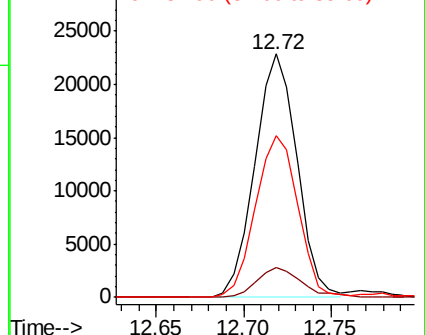
83 100

131 13.0 6.0 18.1

85 67.1 33.0 99.0



Abundance Ion 82.90 (82.60 to 83.60): VW
Ion 130.80 (130.50 to 131.50): V
Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 106.361 ug/l

RT: 12.77 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VW007253.D

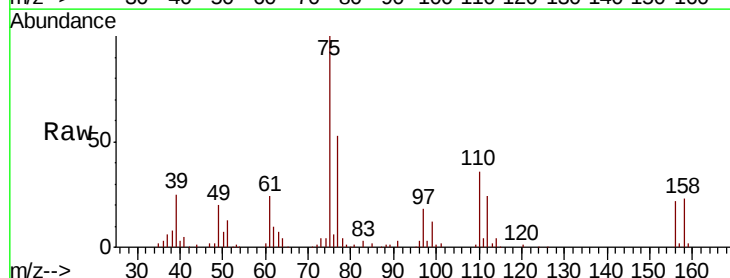
Acq: 06 Dec 2018 00:42

Tgt Ion: 75 Resp: 55817

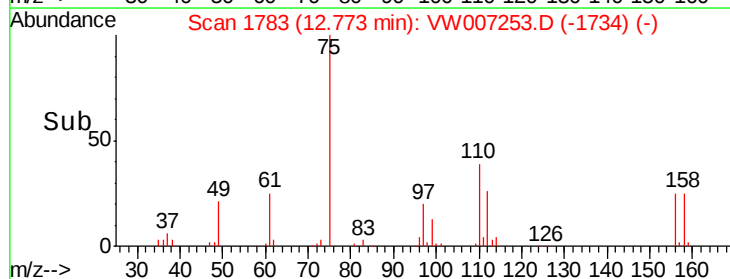
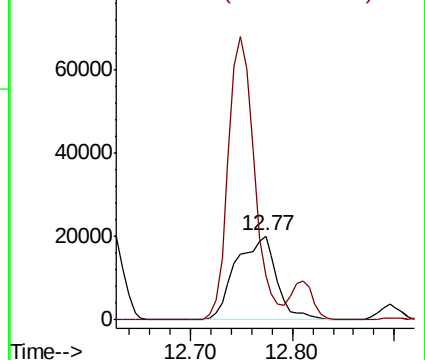
Ion Ratio Lower Upper

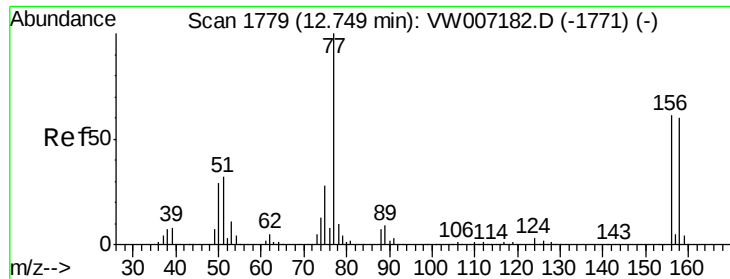
75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW
Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 56.344 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VW007253.D

Acq: 06 Dec 2018 00:42

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

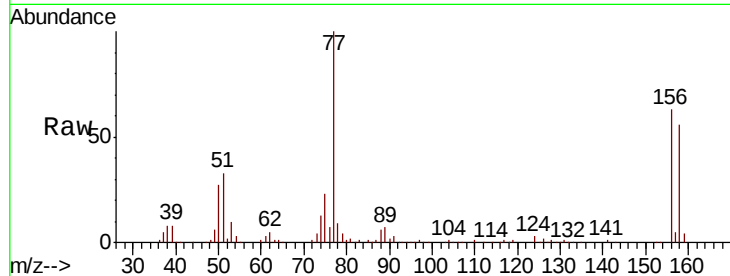
Tot Ion:156 Resp: 67042

Ion Ratio Lower Upper

156 100

77 181.4 92.0 276.1

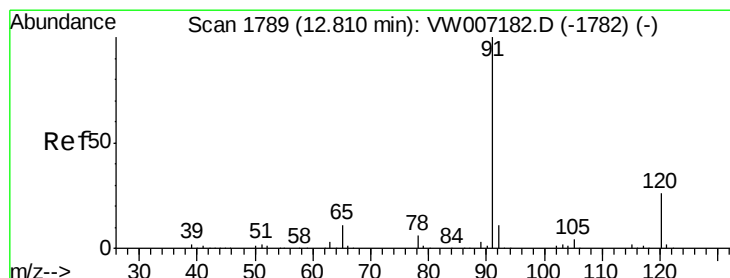
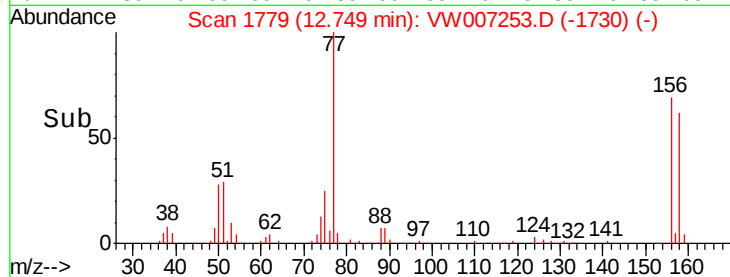
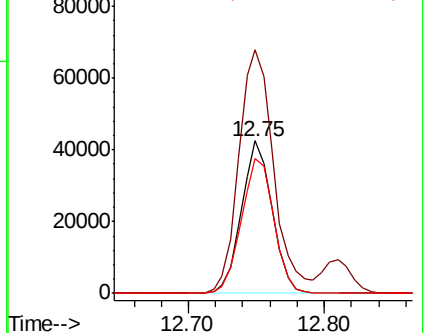
158 93.2 49.0 147.0



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: 53.886 ug/l

RT: 12.81 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VW007253.D

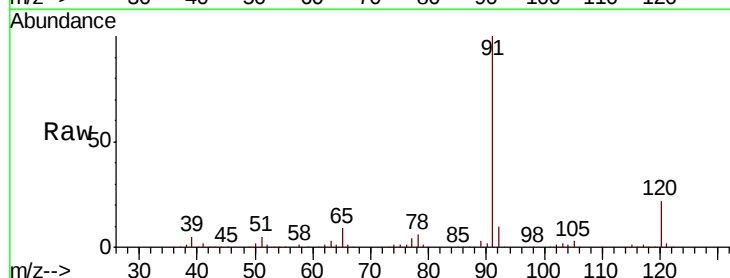
Acq: 06 Dec 2018 00:42

Tgt Ion: 91 Resp: 353888

Ion Ratio Lower Upper

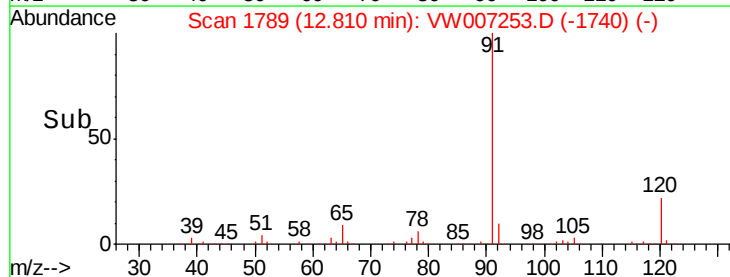
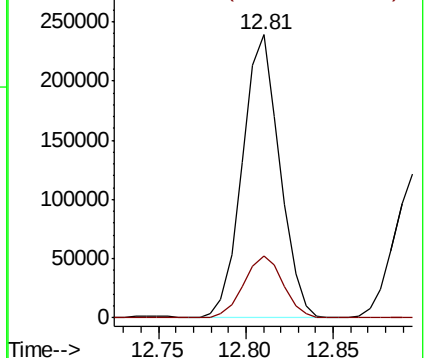
91 100

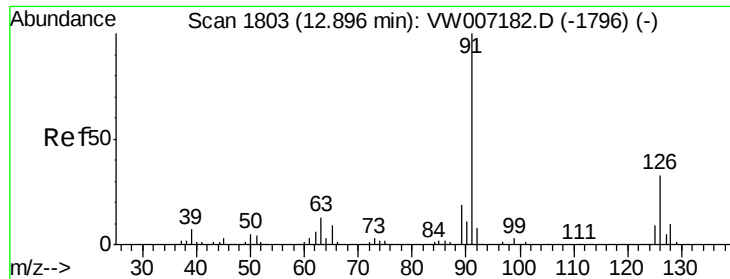
120 22.9 12.5 37.5



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 53.286 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VW007253.D

Acq: 06 Dec 2018 00:42

Instrument :

MSVOA_W

ClientSampleId :

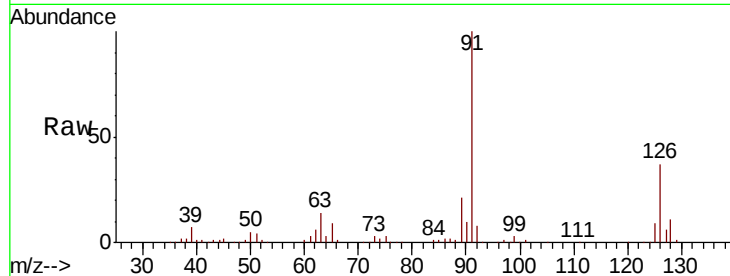
VSTDCCC050EC

Tot Ion: 91 Resp: 197616

Ion Ratio Lower Upper

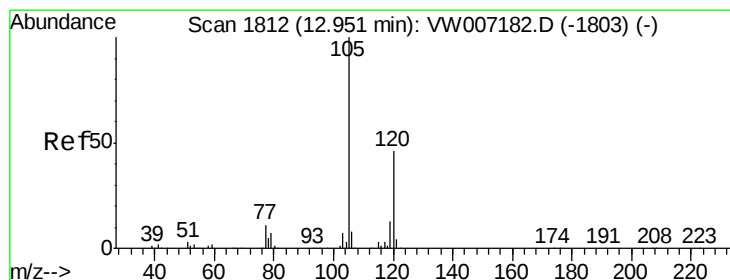
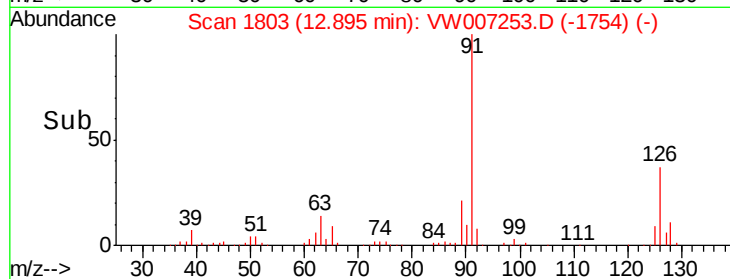
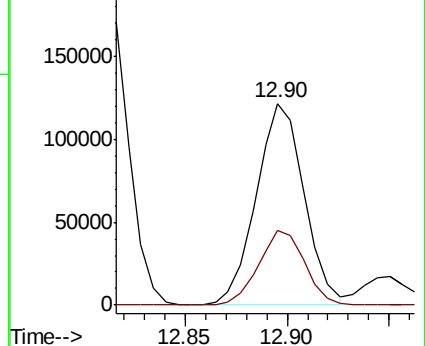
91 100

126 36.0 16.7 50.1



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 52.322 ug/l

RT: 12.95 min Scan# 1812

Delta R.T. -0.00 min

Lab File: VW007253.D

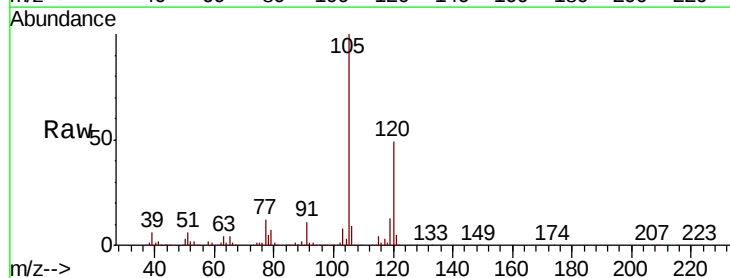
Acq: 06 Dec 2018 00:42

Tgt Ion:105 Resp: 246736

Ion Ratio Lower Upper

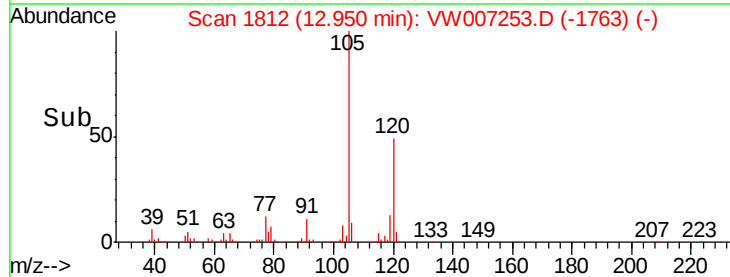
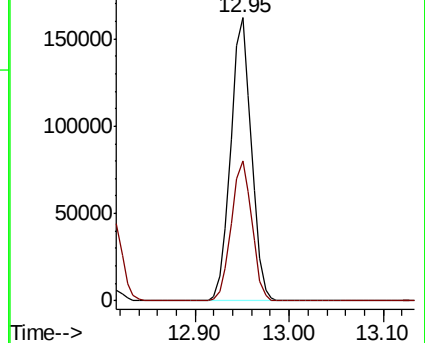
105 100

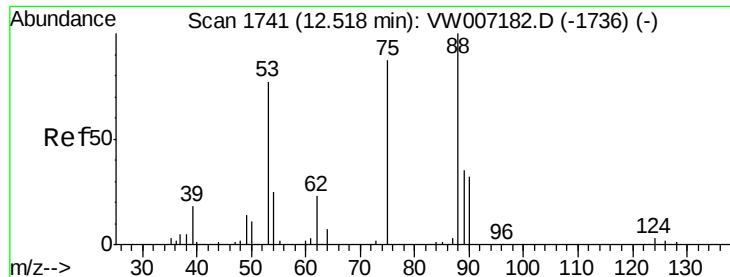
120 49.5 23.8 71.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

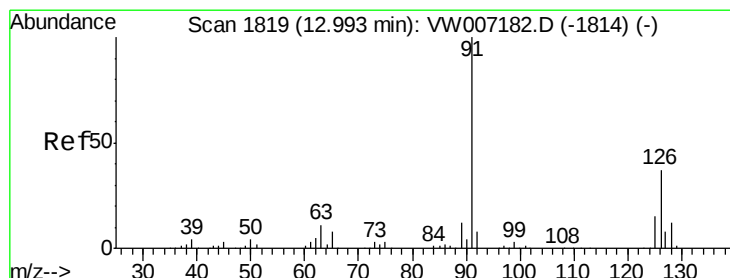
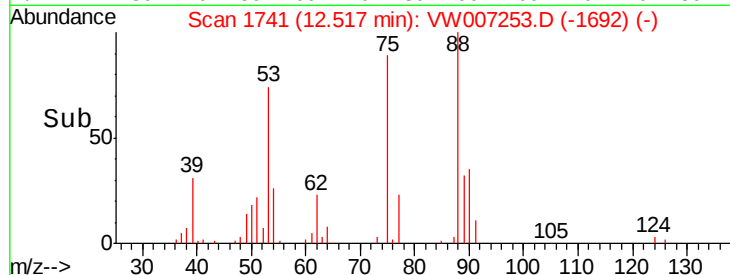
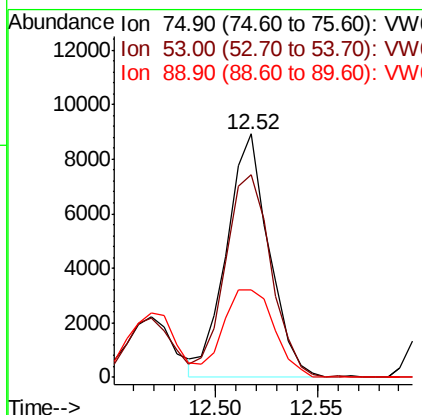
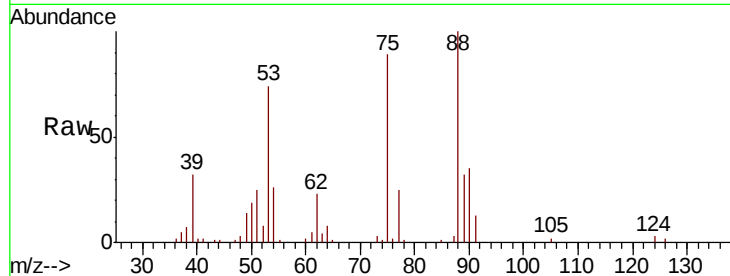




#81
trans-1,4-Dichloro-2-butene
Concen: 52.895 ug/l
RT: 12.52 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VW007253.D
Acq: 06 Dec 2018 00:42

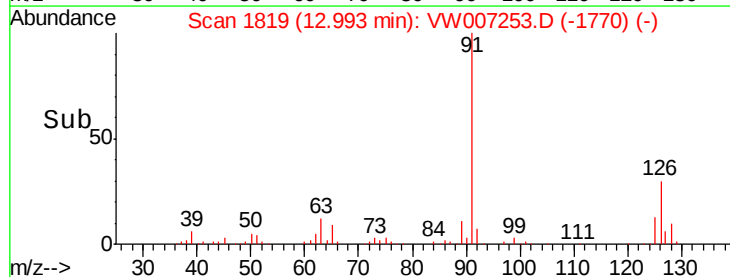
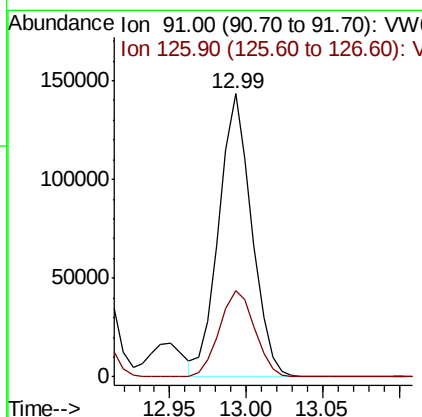
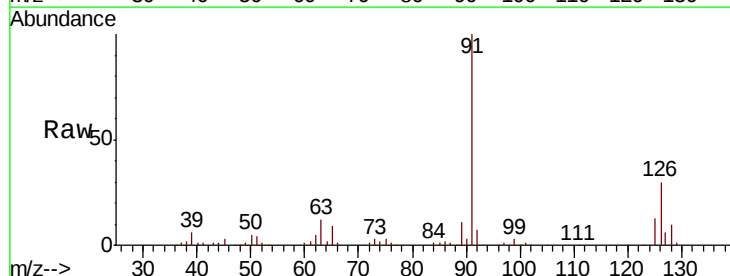
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

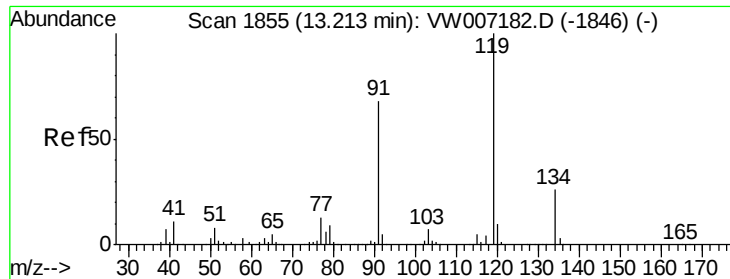
Tot Ion: 75 Resp: 12879
Ion Ratio Lower Upper
75 100
53 90.6 72.8 109.2
89 42.6 36.4 54.6



#82
4-Chlorotoluene
Concen: 53.862 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. -0.00 min
Lab File: VW007253.D
Acq: 06 Dec 2018 00:42

Tgt Ion: 91 Resp: 212503
Ion Ratio Lower Upper
91 100
126 33.0 17.4 52.3

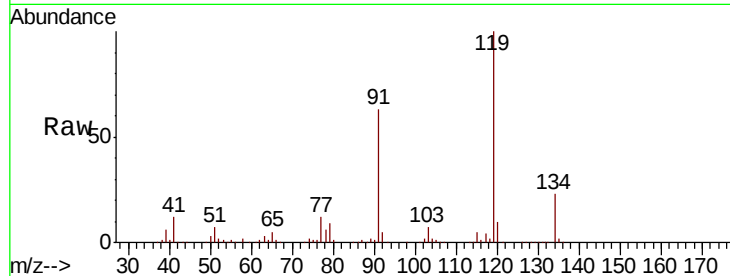




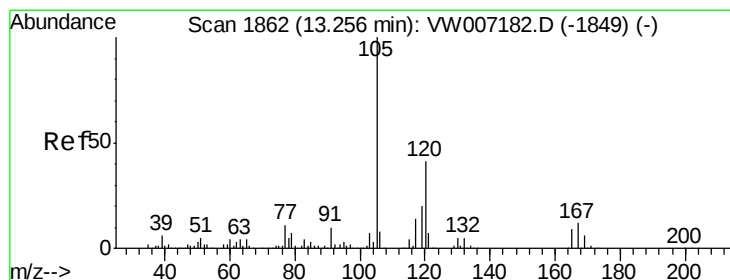
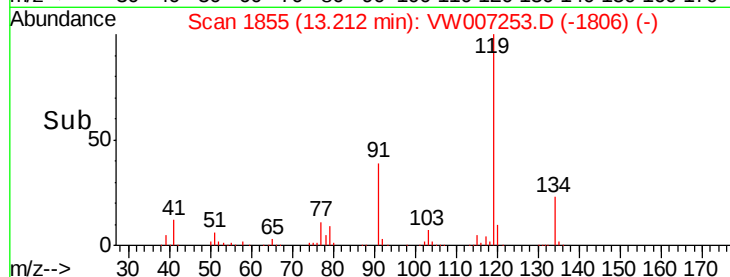
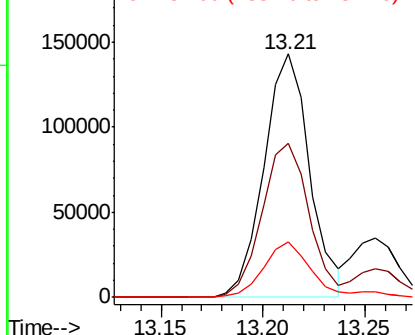
#83
tert-Butylbenzene
Concen: 54.181 ug/l
RT: 13.21 min Scan# 1855
Delta R.T. -0.00 min
Lab File: VW007253.D
Acq: 06 Dec 2018 00:42

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion:119 Resp: 223283
Ion Ratio Lower Upper
119 100
91 65.5 34.0 101.8
134 23.0 13.2 39.5

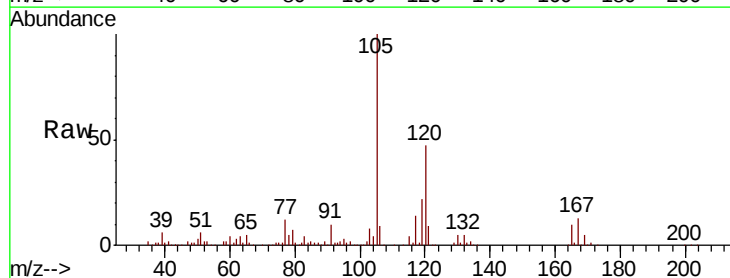


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): V
Ion 134.00 (133.70 to 134.70): V

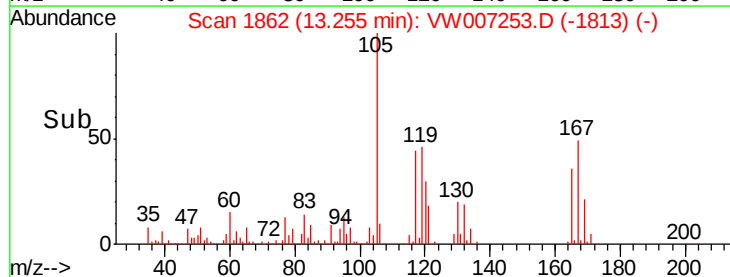
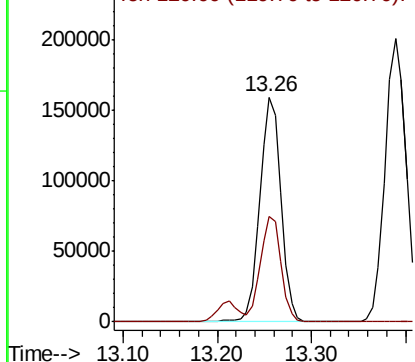


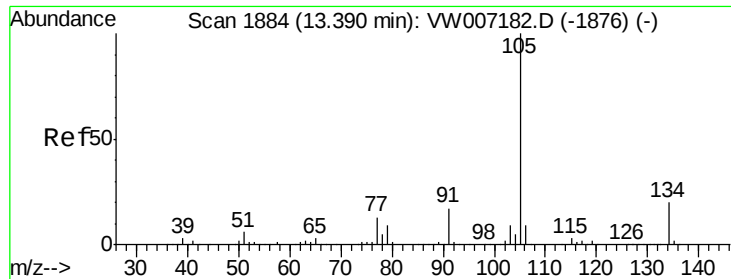
#84
1,2,4-Trimethylbenzene
Concen: 52.205 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. -0.00 min
Lab File: VW007253.D
Acq: 06 Dec 2018 00:42

Tgt Ion:105 Resp: 251297
Ion Ratio Lower Upper
105 100
120 45.7 21.1 63.3



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V

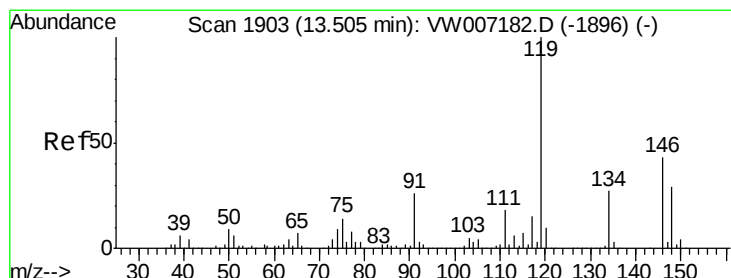
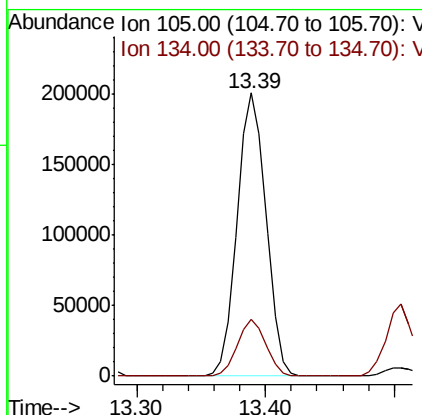
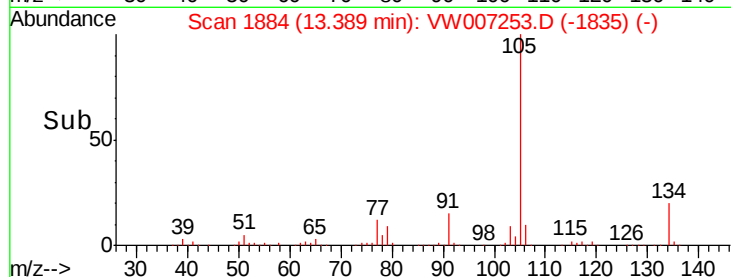
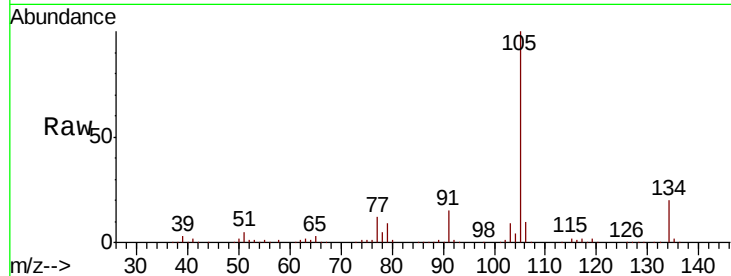




#85
 sec-Butylbenzene
 Concen: 53.069 ug/l
 RT: 13.39 min Scan# 1884
 Delta R.T. -0.00 min
 Lab File: VW007253.D
 Acq: 06 Dec 2018 00:42

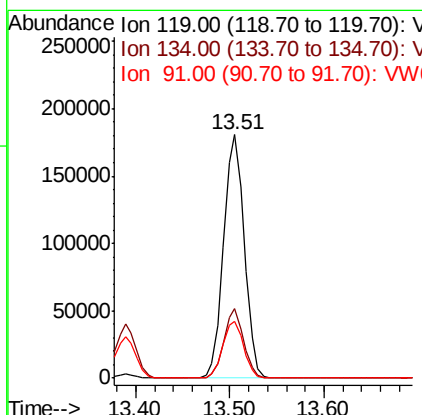
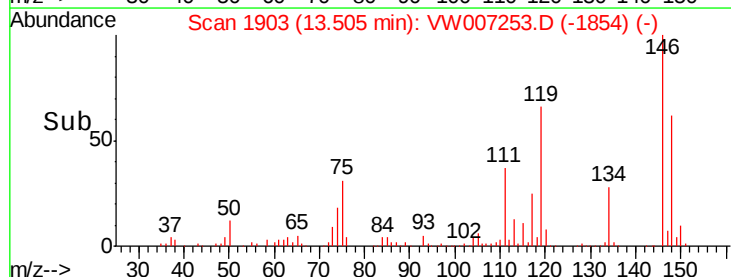
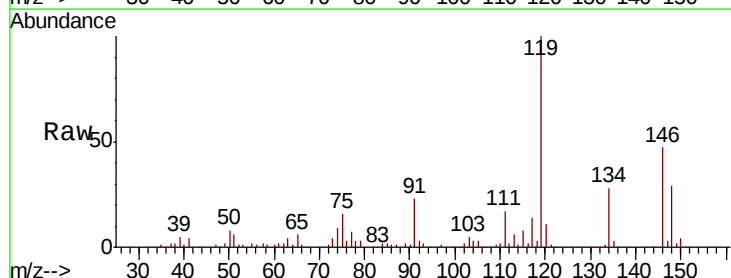
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

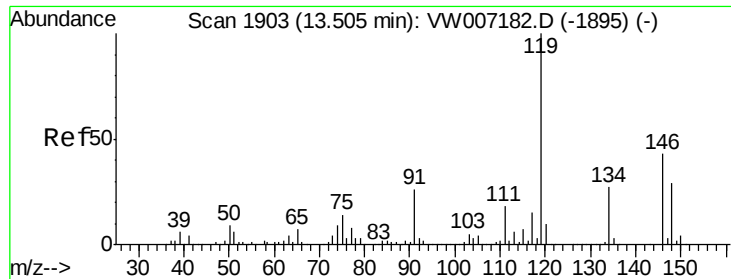
Tot Ion:105 Resp: 312219
 Ion Ratio Lower Upper
 105 100
 134 19.7 10.3 30.8



#86
 p-Isopropyltoluene
 Concen: 52.577 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. -0.00 min
 Lab File: VW007253.D
 Acq: 06 Dec 2018 00:42

Tgt Ion:119 Resp: 275357
 Ion Ratio Lower Upper
 119 100
 134 26.9 13.2 39.6
 91 23.6 12.4 37.2

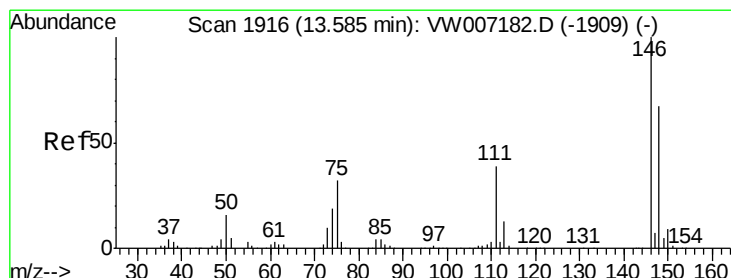
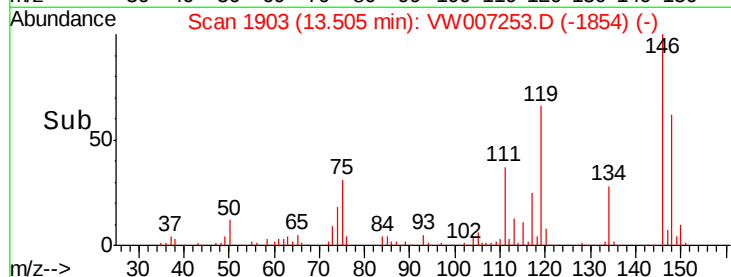
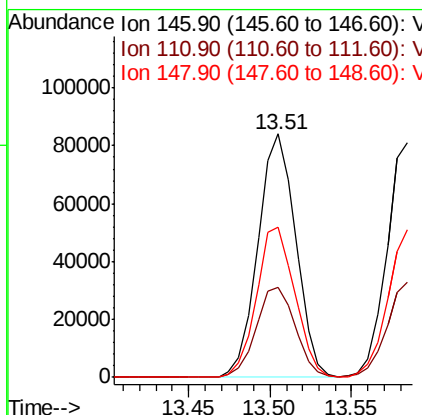
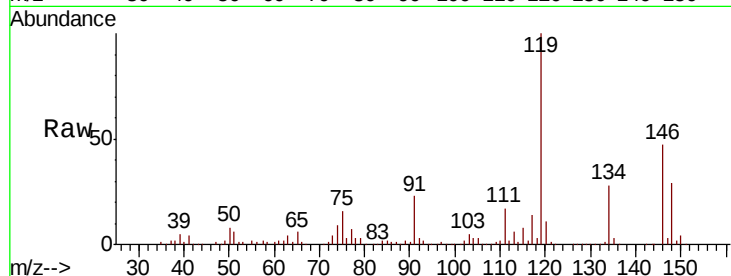




#87
 1,3-Dichlorobenzene
 Concen: 55.221 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. -0.00 min
 Lab File: VW007253.D
 Acq: 06 Dec 2018 00:42

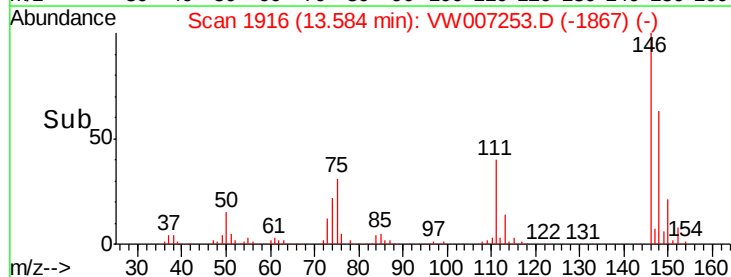
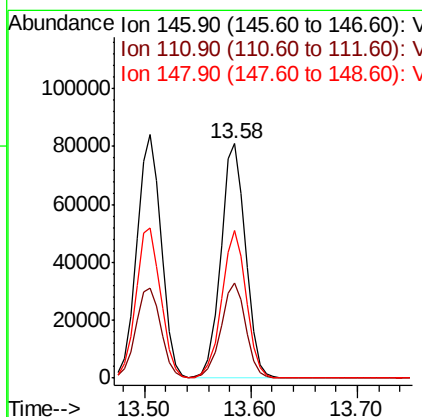
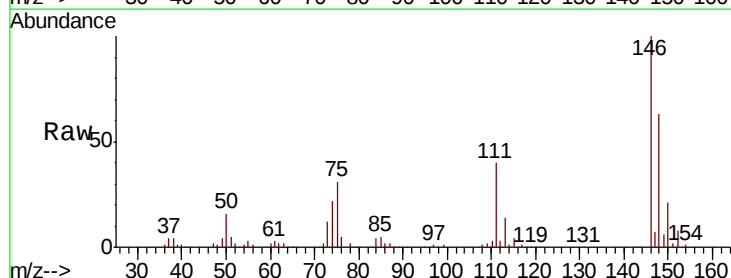
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

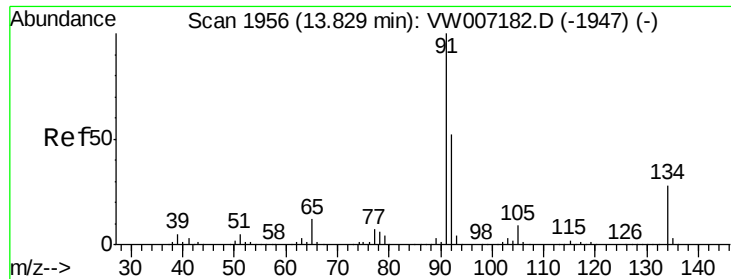
Tot Ion:146 Resp: 134883
 Ion Ratio Lower Upper
 146 100
 111 38.4 21.1 63.4
 148 62.6 32.8 98.4



#88
 1,4-Dichlorobenzene
 Concen: 53.054 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. -0.00 min
 Lab File: VW007253.D
 Acq: 06 Dec 2018 00:42

Tgt Ion:146 Resp: 130902
 Ion Ratio Lower Upper
 146 100
 111 40.6 19.6 58.8
 148 62.6 32.6 98.0





#89

n-Butylbenzene

Concen: 49.856 ug/l

RT: 13.83 min Scan# 1956

Delta R.T. -0.00 min

Lab File: VW007253.D

Acq: 06 Dec 2018 00:42

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

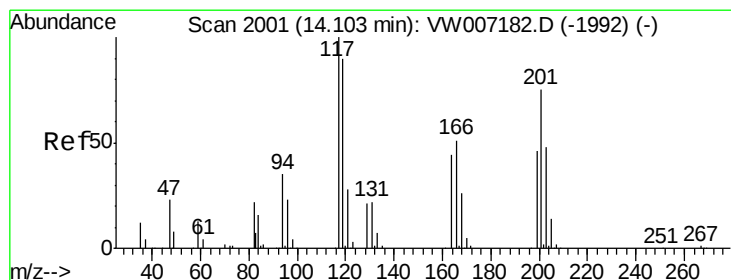
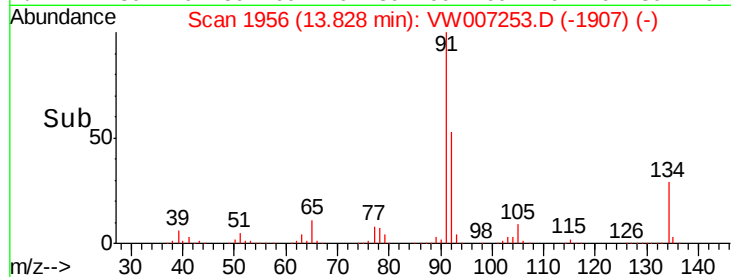
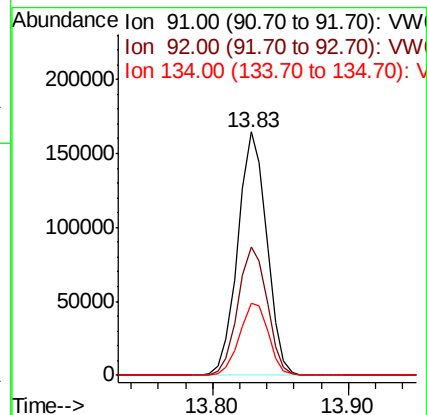
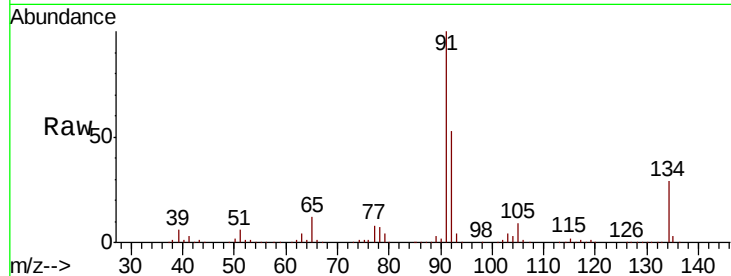
Tot Ion: 91 Resp: 243996

Ion Ratio Lower Upper

91 100

92 53.2 26.5 79.5

134 29.6 14.1 42.2



#90

Hexachloroethane

Concen: 53.342 ug/l

RT: 14.10 min Scan# 2000

Delta R.T. -0.01 min

Lab File: VW007253.D

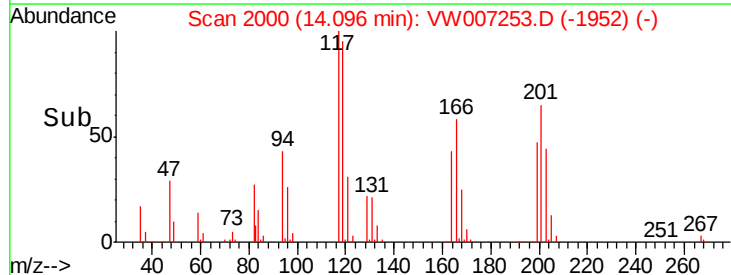
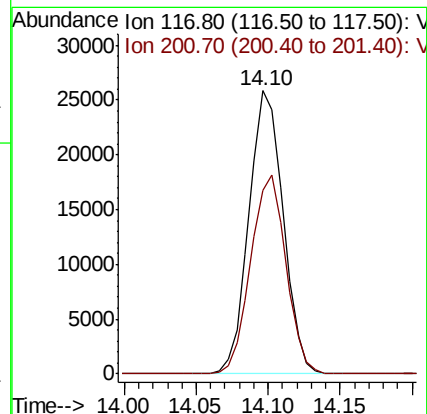
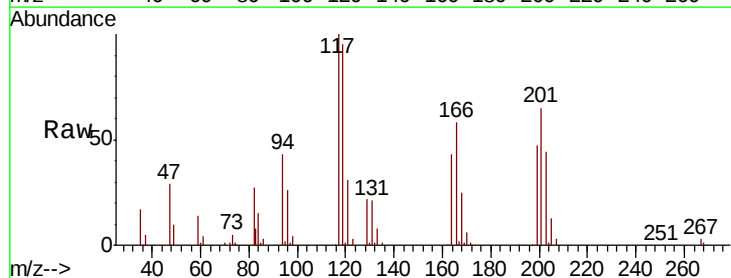
Acq: 06 Dec 2018 00:42

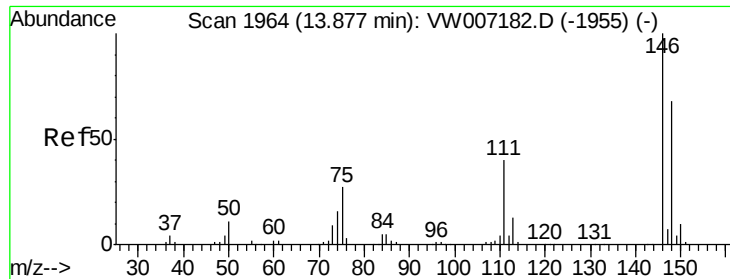
Tgt Ion: 117 Resp: 42572

Ion Ratio Lower Upper

117 100

201 72.4 36.0 108.1

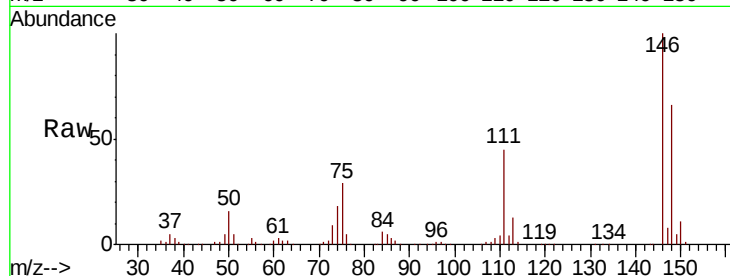




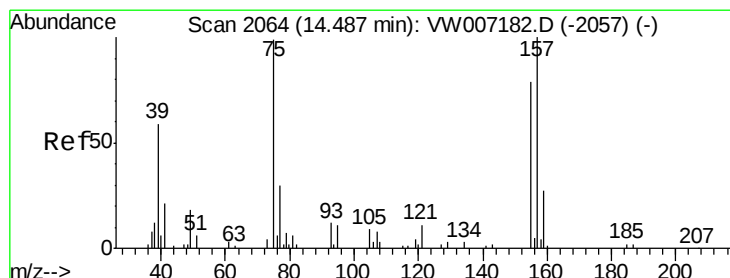
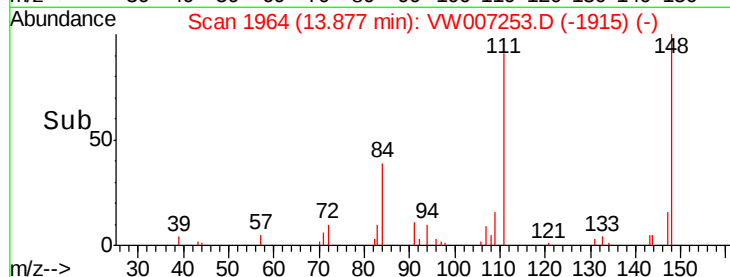
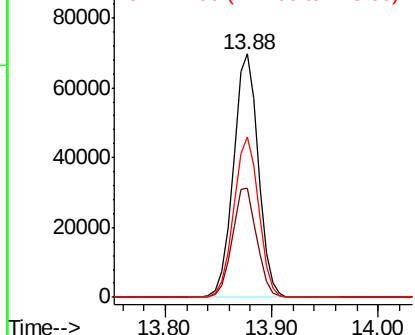
#91
 1,2-Dichlorobenzene
 Concen: 54.127 ug/l
 RT: 13.88 min Scan# 1964
 Delta R.T. -0.00 min
 Lab File: VW007253.D
 Acq: 06 Dec 2018 00:42

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:146 Resp: 114455
 Ion Ratio Lower Upper
 146 100
 111 44.2 21.6 65.0
 148 65.8 32.7 98.1

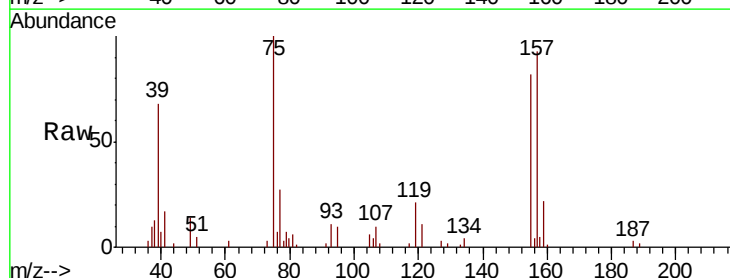


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

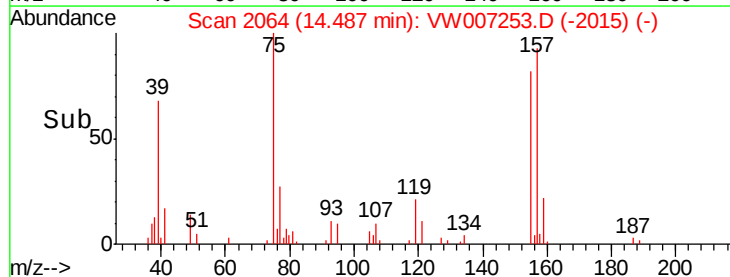
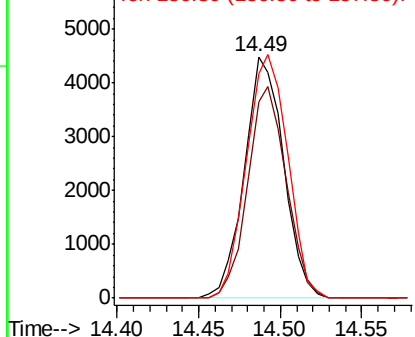


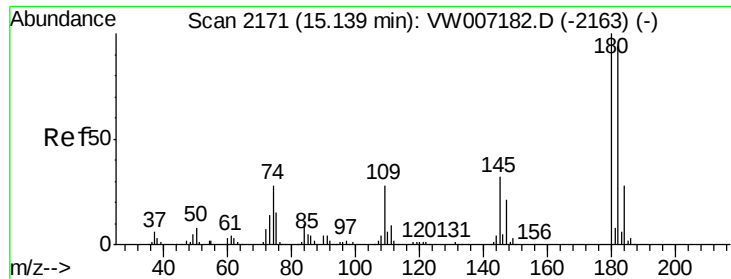
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 54.152 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. -0.00 min
 Lab File: VW007253.D
 Acq: 06 Dec 2018 00:42

Tgt Ion: 75 Resp: 7510
 Ion Ratio Lower Upper
 75 100
 155 86.6 42.4 127.2
 157 105.9 55.3 165.9



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

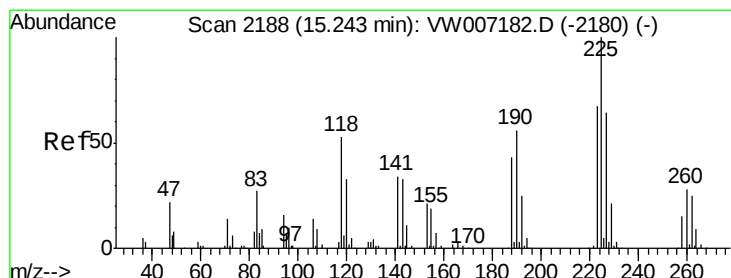
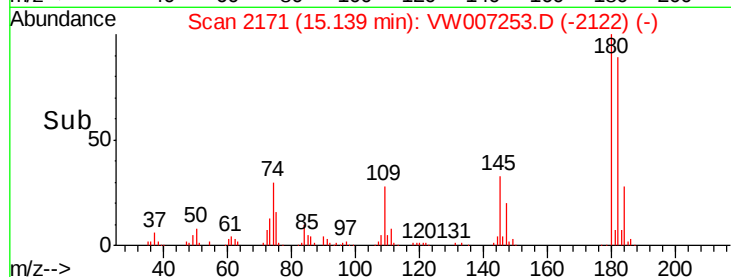
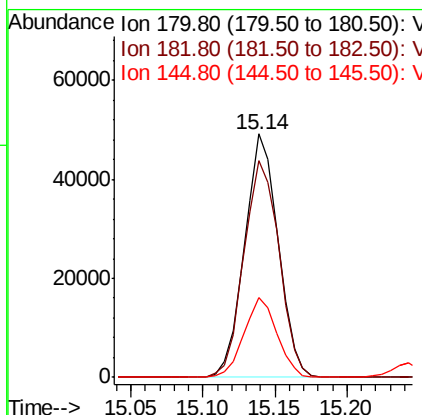
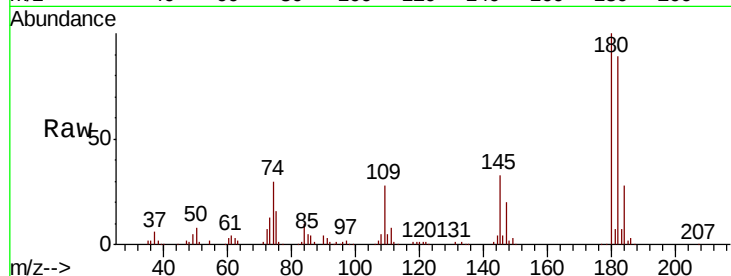




#93
 1,2,4-Trichlorobenzene
 Concen: 54.138 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. -0.00 min
 Lab File: VW007253.D
 Acq: 06 Dec 2018 00:42

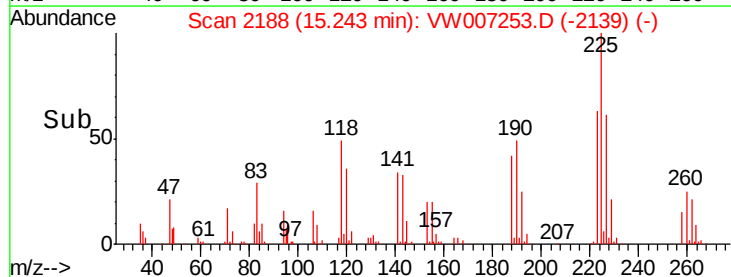
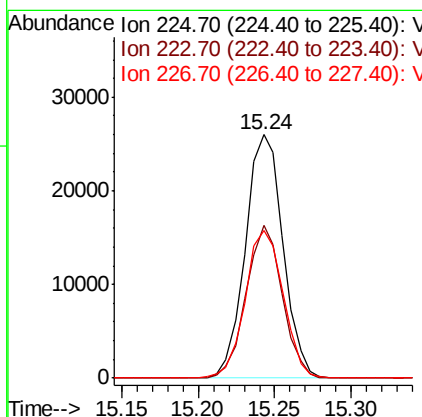
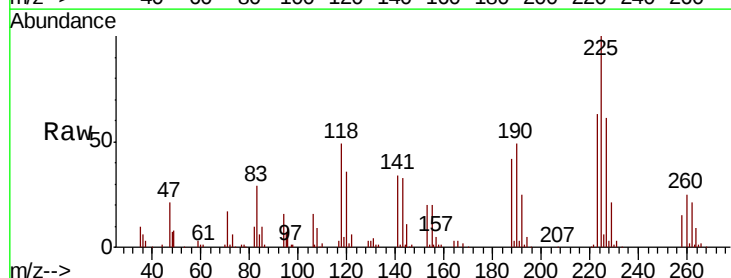
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

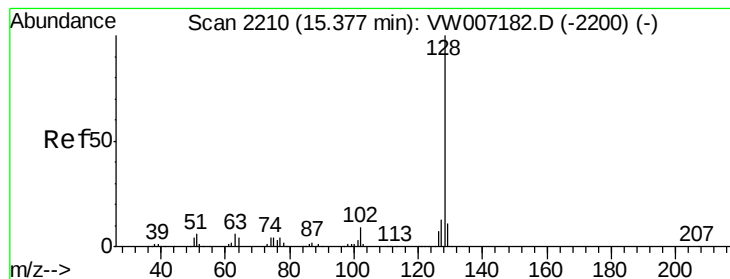
Tot Ion:180 Resp: 79335
 Ion Ratio Lower Upper
 180 100
 182 93.2 47.9 143.8
 145 32.4 16.6 49.7



#94
 Hexachlorobutadiene
 Concen: 56.048 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. -0.00 min
 Lab File: VW007253.D
 Acq: 06 Dec 2018 00:42

Tgt Ion:225 Resp: 44291
 Ion Ratio Lower Upper
 225 100
 223 60.4 32.3 96.8
 227 61.3 32.1 96.3





#95

Naphthalene

Concen: 53.339 ug/l

RT: 15.38 min Scan# 2210

Delta R.T. -0.00 min

Lab File: VW007253.D

Acq: 06 Dec 2018 00:42

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

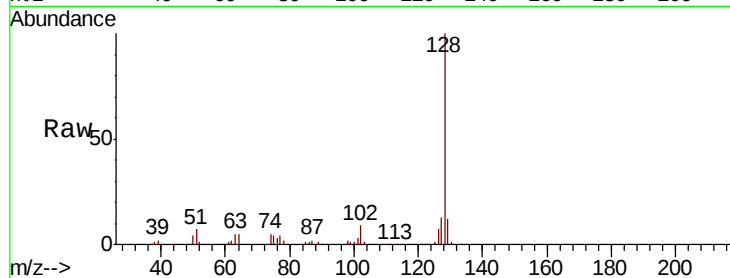
Tot Ion:128 Resp: 140087

Ion Ratio Lower Upper

128 100

127 13.1 10.3 15.5

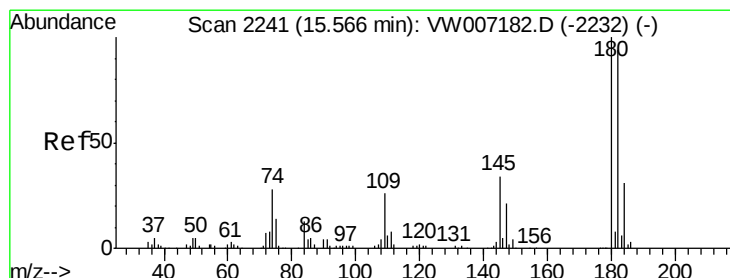
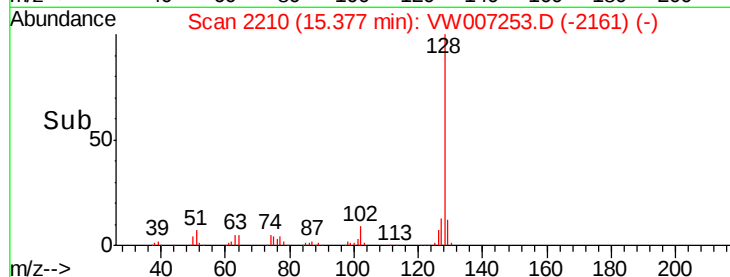
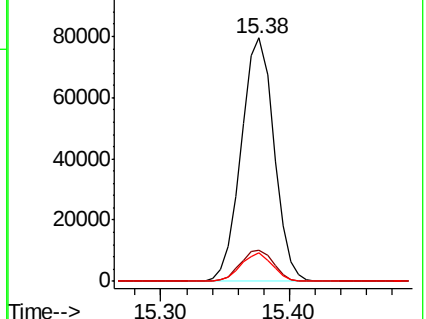
129 11.3 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 53.565 ug/l

RT: 15.57 min Scan# 2241

Delta R.T. -0.00 min

Lab File: VW007253.D

Acq: 06 Dec 2018 00:42

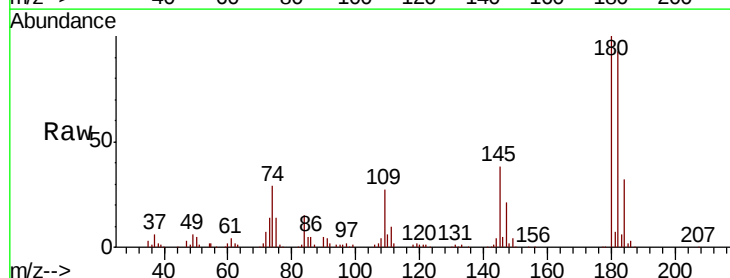
Tgt Ion:180 Resp: 66189

Ion Ratio Lower Upper

180 100

182 94.8 47.4 142.2

145 36.7 17.6 52.8



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

