

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW120518\
 Data File : VW007255.D
 Acq On : 06 Dec 2018 02:49
 Operator : SY/AP
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Quant Time: Dec 06 06:26:31 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	90856	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	148871	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	130699	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	65338	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	48822	57.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	115.44%	
35) Dibromofluoromethane	7.89	113	46558	54.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.24%	
50) Toluene-d8	10.33	98	200007	53.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.52%	
62) 4-Bromofluorobenzene	12.62	95	74001	52.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.42%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	41438	41.687	ug/l	100
3) Chloromethane	2.22	50	51929	41.252	ug/l	99
4) Vinyl Chloride	2.36	62	36424	46.213	ug/l	100
5) Bromomethane	2.76	94	23483	59.457	ug/l	96
6) Chloroethane	2.92	64	21222	47.988	ug/l	99
7) Trichlorofluoromethane	3.26	101	70400	45.814	ug/l	95
8) Diethyl Ether	3.69	74	22021	51.411	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.07	101	41317	44.510	ug/l	99
10) Methyl Iodide	4.28	142	41520	52.506	ug/l	99
11) Tert butyl alcohol	5.17	59	17977	220.403	ug/l #	84
12) 1,1-Dichloroethene	4.04	96	40296	46.322	ug/l	97
13) Acrolein	3.90	56	15703	264.930	ug/l	95
14) Allyl chloride	4.68	41	62470	44.801	ug/l	93
15) Acrylonitrile	5.37	53	47556	265.582	ug/l	100
16) Acetone	4.12	43	41527	207.370	ug/l	95
17) Carbon Disulfide	4.39	76	127724	44.542	ug/l	99
18) Methyl Acetate	4.68	43	23726	51.905	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	109059	53.247	ug/l	99
20) Methylene Chloride	4.92	84	53133	53.000	ug/l	98
21) trans-1,2-Dichloroethene	5.43	96	47185	48.577	ug/l	97
22) Diisopropyl ether	6.32	45	133251	53.233	ug/l	96
23) Vinyl Acetate	6.26	43	359634	263.305	ug/l	100
24) 1,1-Dichloroethane	6.23	63	80812	50.370	ug/l	100
25) 2-Butanone	7.17	43	56887	245.059	ug/l	98
26) 2,2-Dichloropropane	7.17	77	68902	44.690	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	52719	50.629	ug/l	99
28) Bromochloromethane	7.51	49	31723	54.836	ug/l	99
29) Tetrahydrofuran	7.53	42	37518	261.540	ug/l	99
30) Chloroform	7.68	83	86333	51.777	ug/l	98
31) Cyclohexane	7.96	56	72102	42.952	ug/l	99
32) 1,1,1-Trichloroethane	7.88	97	78729	50.173	ug/l	100
36) 1,1-Dichloropropene	8.09	75	67063	46.297	ug/l	100
37) Ethyl Acetate	7.26	43	25358	48.395	ug/l	99
38) Carbon Tetrachloride	8.07	117	68091	46.055	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	83191	42.901	ug/l	98
40) Benzene	8.33	78	197761	49.788	ug/l	99
41) Methacrylonitrile	7.49	41	13689	43.617	ug/l #	85
42) 1,2-Dichloroethane	8.40	62	56908	51.263	ug/l	100
43) Isopropyl Acetate	8.43	43	51679	50.782	ug/l	99
44) Trichloroethene	9.09	130	54006	48.370	ug/l	96
45) 1,2-Dichloropropane	9.37	63	44645	48.300	ug/l	94
46) Dibromomethane	9.46	93	24270	50.530	ug/l	97
47) Bromodichloromethane	9.65	83	64127	50.756	ug/l	98
48) Methyl methacrylate	9.44	41	25647	48.558	ug/l	93
49) 1,4-Dioxane	9.45	88	9137	1088.965	ug/l	93
51) 4-Methyl-2-Pentanone	10.21	43	133821	266.838	ug/l	100
52) Toluene	10.39	92	133648	48.370	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	61114	48.112	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	73247	49.205	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	34035	49.817	ug/l	96
56) Ethyl methacrylate	10.65	69	46284	51.935	ug/l	99
57) 1,3-Dichloropropane	10.94	76	58772	50.953	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.93	63	95240	266.062	ug/l	99
59) 2-Hexanone	10.97	43	87683	241.185	ug/l	98
60) Dibromochloromethane	11.13	129	43606	51.931	ug/l	95
61) 1,2-Dibromoethane	11.24	107	33271	50.773	ug/l	98
64) Tetrachloroethene	10.87	164	48949	51.261	ug/l	89
65) Chlorobenzene	11.66	112	143972	49.323	ug/l	91
66) 1,1,1,2-Tetrachloroethane	11.73	131	46462	51.539	ug/l	98
67) Ethyl Benzene	11.73	91	260945	49.048	ug/l	94
68) m/p-Xylenes	11.84	106	206537	98.958	ug/l	97
69) o-Xylene	12.17	106	94594	48.510	ug/l	90
70) Styrene	12.18	104	155591	48.743	ug/l	96
71) Bromoform	12.35	173	23711	52.542	ug/l #	99
73) Isopropylbenzene	12.47	105	257752	48.503	ug/l	96
74) N-amyl acetate	12.27	43	48157	51.112	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.72	83	38440	55.697	ug/l	98
76) 1,2,3-Trichloropropane	12.77	75	52515	103.801	ug/l #	100
77) Bromobenzene	12.75	156	58384	50.898	ug/l	97
78) n-propylbenzene	12.81	91	300874	47.523	ug/l	99
79) 2-Chlorotoluene	12.90	91	180118	50.380	ug/l	98
80) 1,3,5-Trimethylbenzene	12.95	105	225551	49.614	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.52	75	11621	49.509	ug/l	91
82) 4-Chlorotoluene	12.99	91	188589	49.584	ug/l	97
83) tert-Butylbenzene	13.21	119	202790	51.044	ug/l	95
84) 1,2,4-Trimethylbenzene	13.26	105	219033	47.199	ug/l	92
85) sec-Butylbenzene	13.39	105	265935	46.888	ug/l	99
86) p-Isopropyltoluene	13.51	119	235268	46.598	ug/l	98
87) 1,3-Dichlorobenzene	13.51	146	117624	49.951	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	120148	50.512	ug/l	97
89) n-Butylbenzene	13.83	91	220801	46.799	ug/l	99
90) Hexachloroethane	14.10	117	38420	49.935	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	108684	53.314	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.49	75	7647	57.196	ug/l	93

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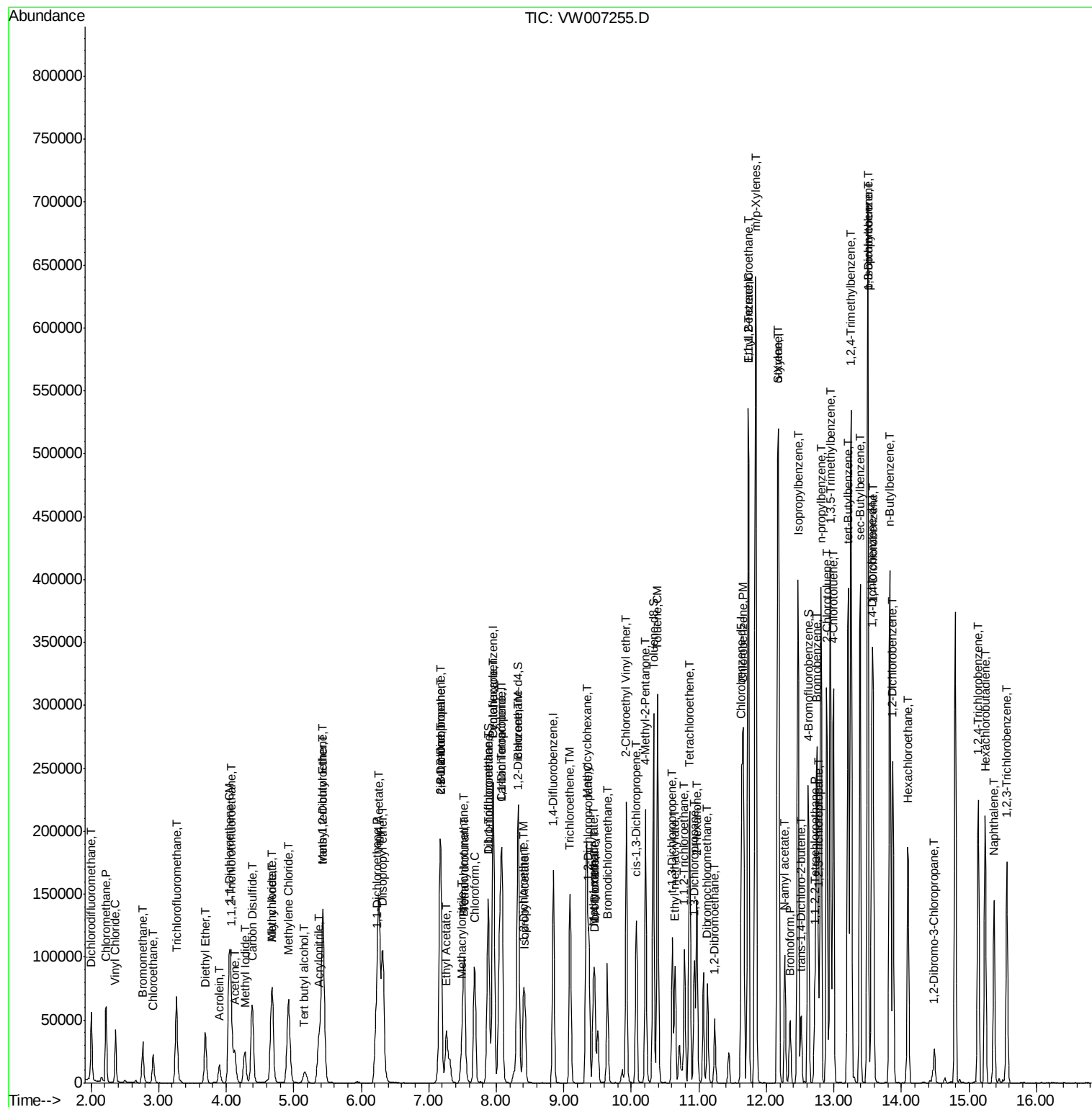
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	71404	50.543	ug/l	97
94) Hexachlorobutadiene	15.24	225	38640	50.720	ug/l	97
95) Naphthalene	15.38	128	130791	51.657	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	62150	52.172	ug/l	98

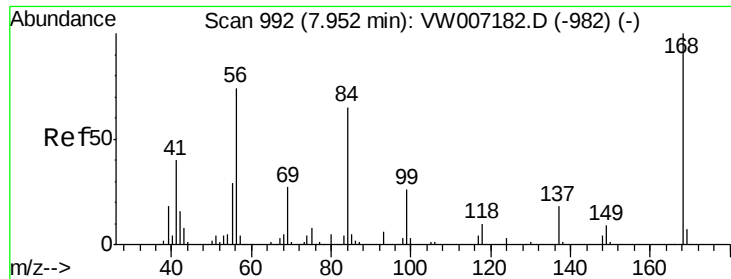
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW120518\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW007255.D

Acq: 06 Dec 2018 02:49

Instrument :

MSVOA_W

ClientSampleId :

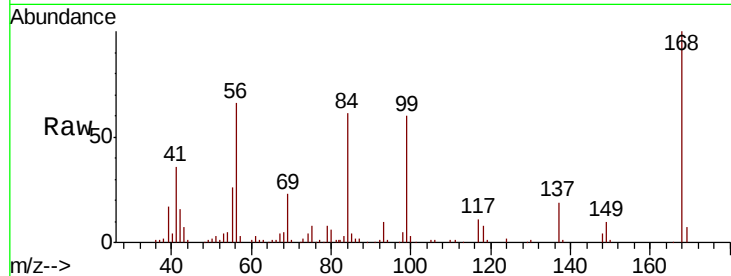
VSTDCCC050

Tot Ion:168 Resp: 90856

Ion Ratio Lower Upper

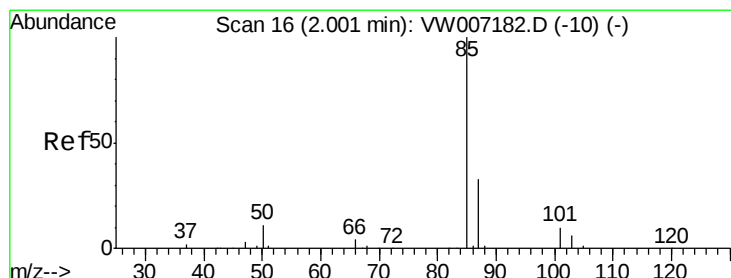
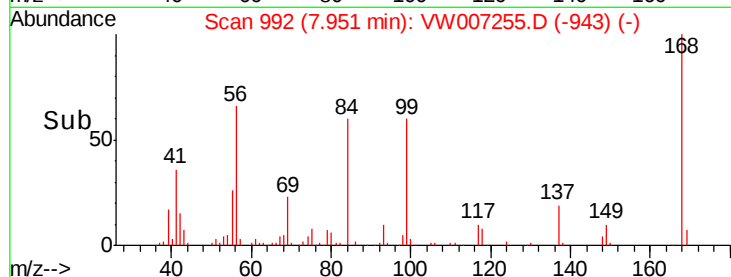
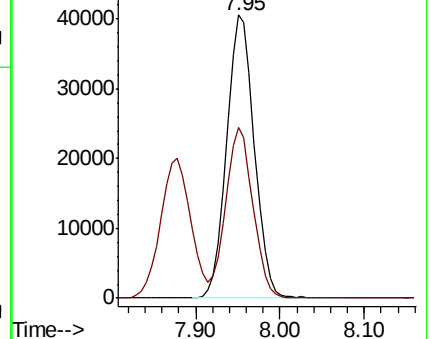
168 100

99 60.4 47.8 71.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: 41.687 ug/l

RT: 2.00 min Scan# 16

Delta R.T. -0.00 min

Lab File: VW007255.D

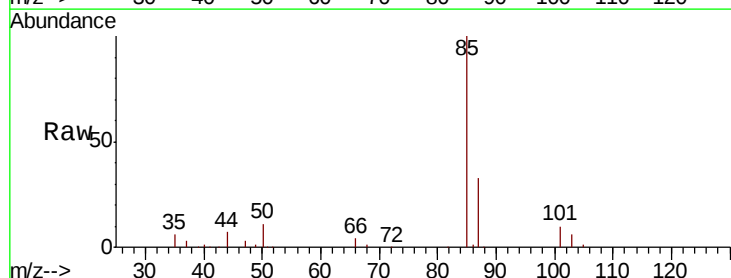
Acq: 06 Dec 2018 02:49

Tgt Ion: 85 Resp: 41438

Ion Ratio Lower Upper

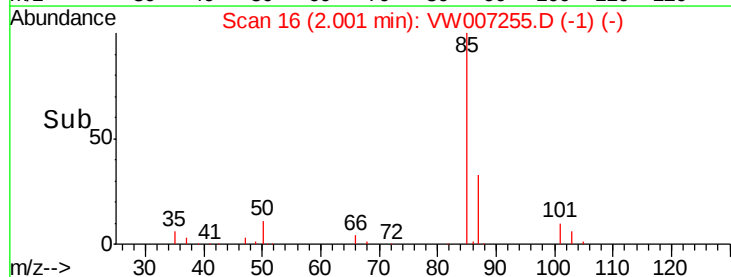
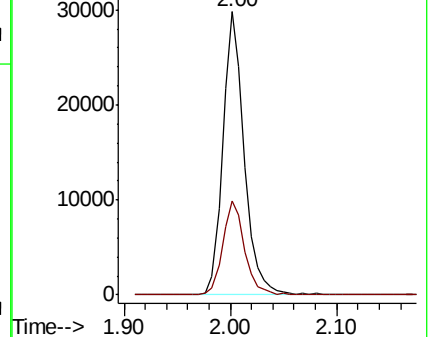
85 100

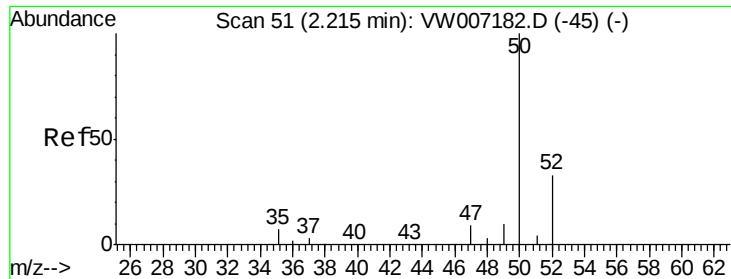
87 33.2 16.5 49.5



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#3

Chloromethane

Concen: 41.252 ug/l

RT: 2.22 min Scan# 52

Delta R.T. 0.01 min

Lab File: VW007255.D

Acq: 06 Dec 2018 02:49

Instrument :

MSVOA_W

ClientSampleId :

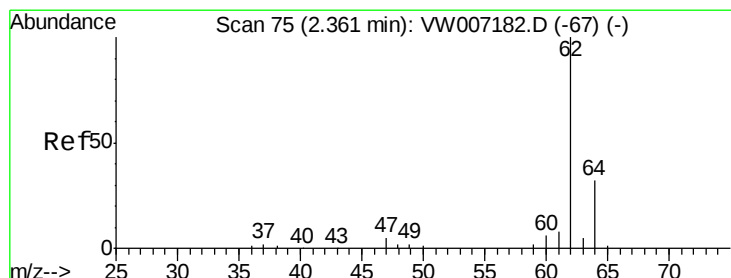
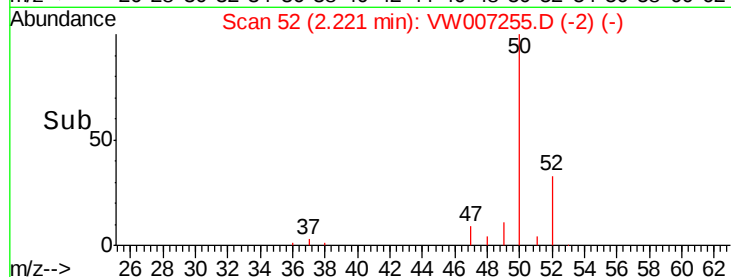
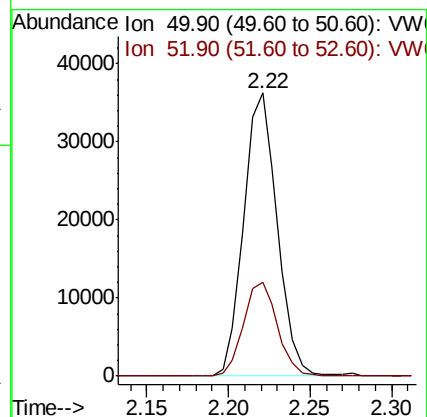
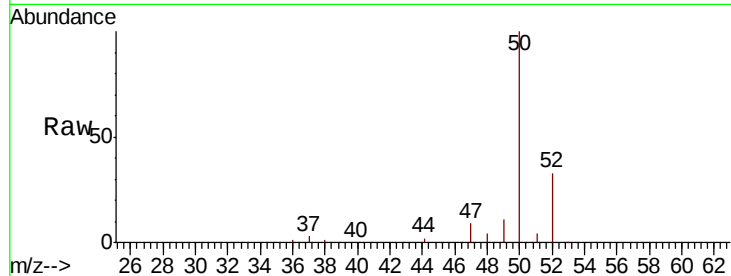
VSTDCCC050

Tot Ion: 50 Resp: 51929

Ion Ratio Lower Upper

50 100

52 33.0 26.2 39.2



#4

Vinyl Chloride

Concen: 46.213 ug/l

RT: 2.36 min Scan# 75

Delta R.T. -0.00 min

Lab File: VW007255.D

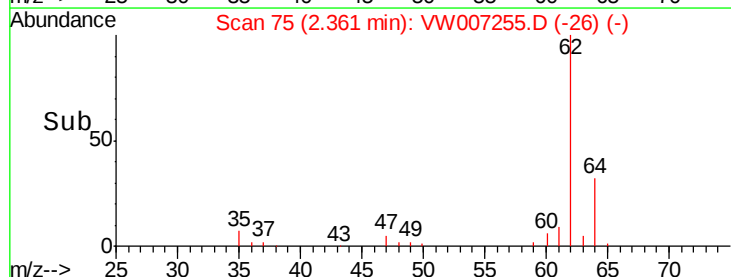
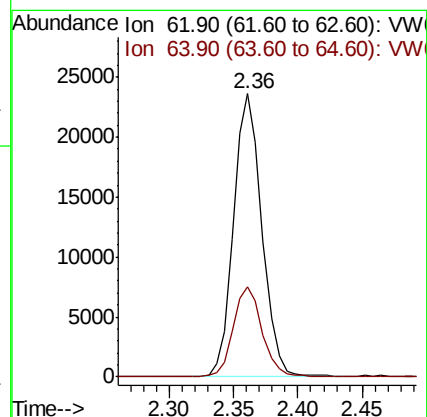
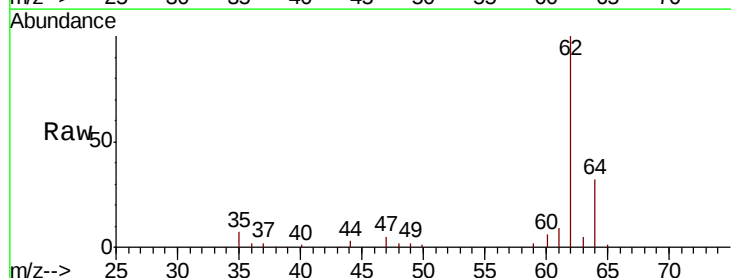
Acq: 06 Dec 2018 02:49

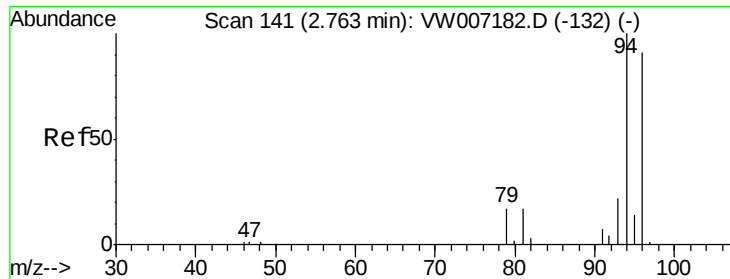
Tgt Ion: 62 Resp: 36424

Ion Ratio Lower Upper

62 100

64 31.9 25.3 37.9





#5

Bromomethane

Concen: 59.457 ug/l

RT: 2.76 min Scan# 141

Delta R.T. -0.00 min

Lab File: VW007255.D

Acq: 06 Dec 2018 02:49

Instrument :

MSVOA_W

ClientSampleId :

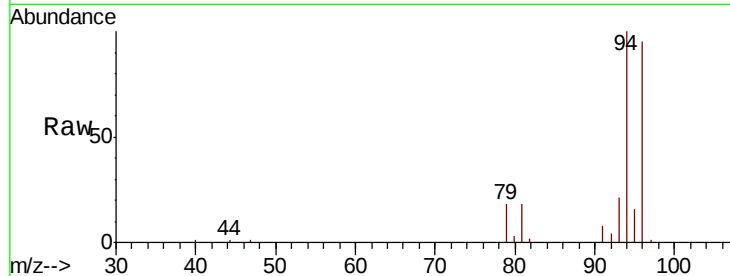
VSTDCCC050

Tot Ion: 94 Resp: 23483

Ion Ratio Lower Upper

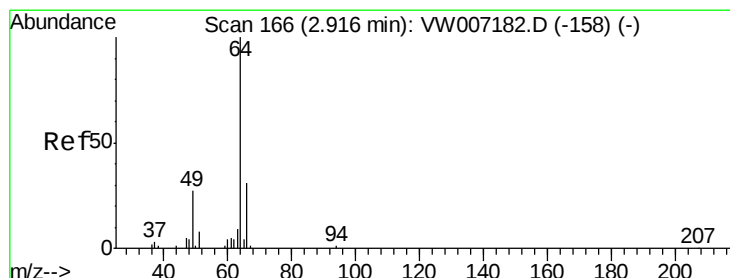
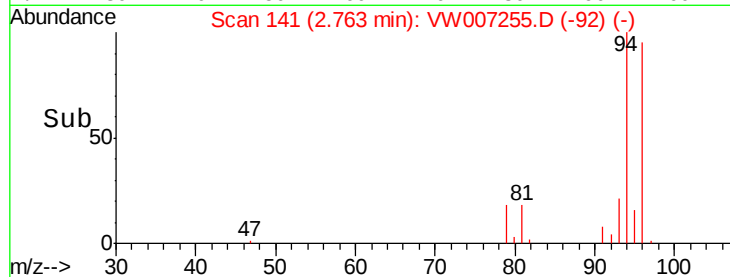
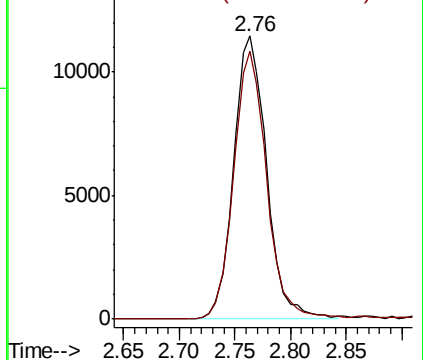
94 100

96 94.7 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: 47.988 ug/l

RT: 2.92 min Scan# 166

Delta R.T. -0.00 min

Lab File: VW007255.D

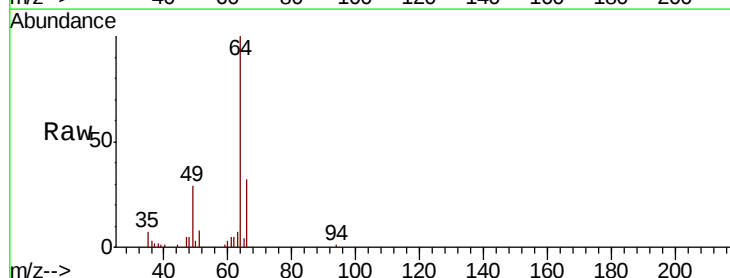
Acq: 06 Dec 2018 02:49

Tgt Ion: 64 Resp: 21222

Ion Ratio Lower Upper

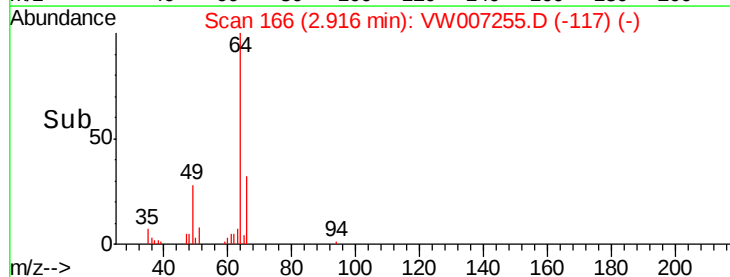
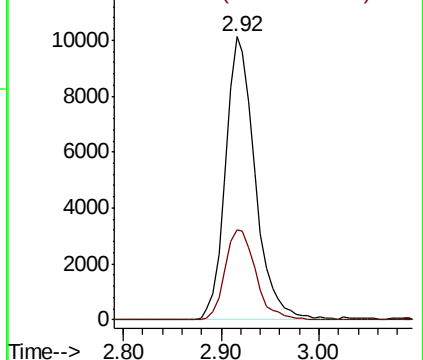
64 100

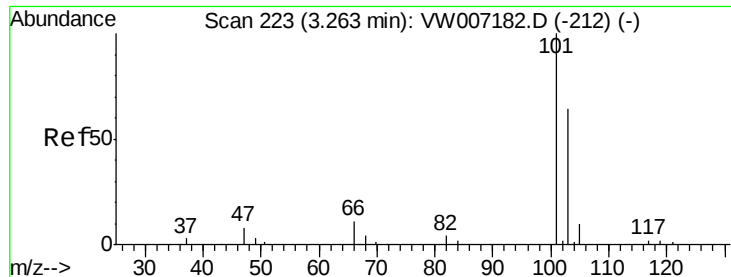
66 31.6 25.0 37.6



Abundance Ion 63.90 (63.60 to 64.60): VW

Ion 65.90 (65.60 to 66.60): VW



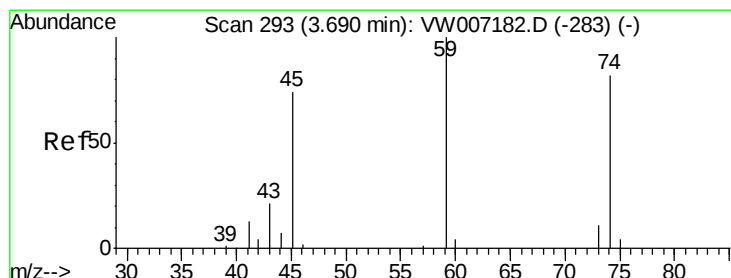
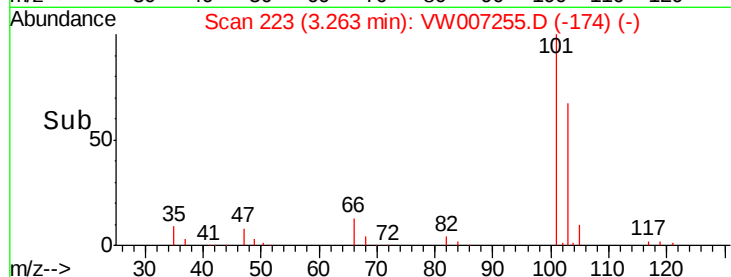
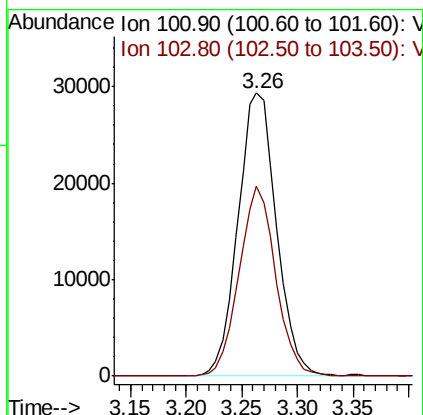
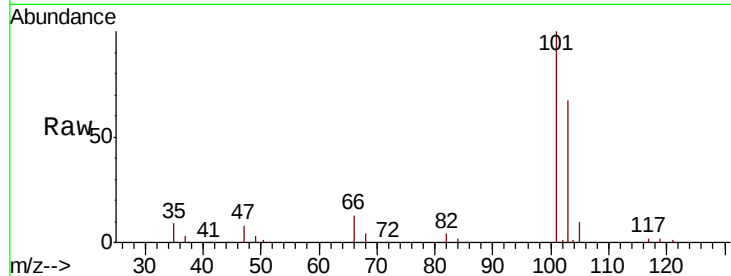


#7

Trichlorofluoromethane
 Concen: 45.814 ug/l
 RT: 3.26 min Scan# 223
 Delta R.T. -0.00 min
 Lab File: VW007255.D
 Acq: 06 Dec 2018 02:49

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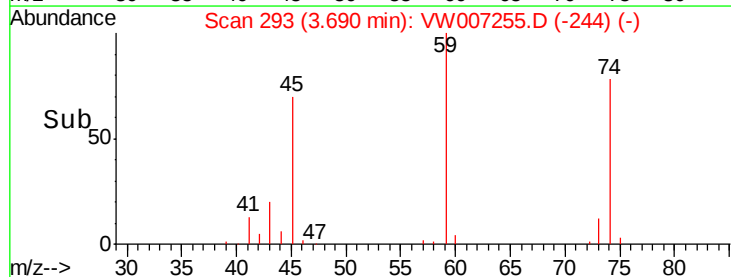
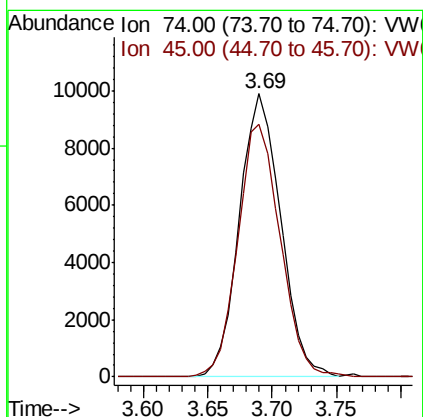
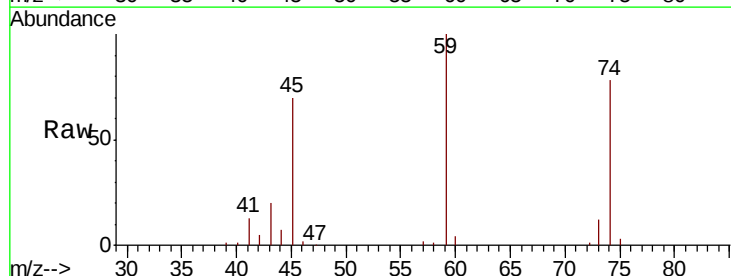
Tot Ion:101 Resp: 70400
 Ion Ratio Lower Upper
 101 100
 103 67.1 50.9 76.3

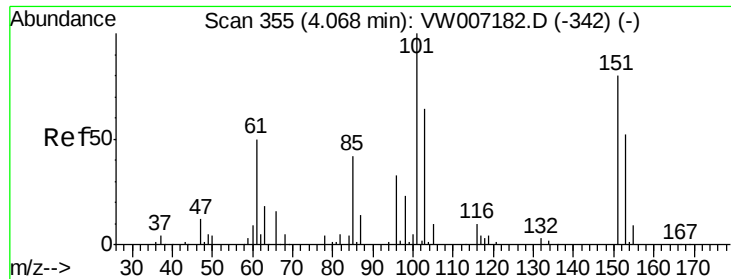


#8

Diethyl Ether
 Concen: 51.411 ug/l
 RT: 3.69 min Scan# 293
 Delta R.T. -0.00 min
 Lab File: VW007255.D
 Acq: 06 Dec 2018 02:49

Tgt Ion: 74 Resp: 22021
 Ion Ratio Lower Upper
 74 100
 45 91.8 47.2 141.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 44.510 ug/l

RT: 4.07 min Scan# 356

Delta R.T. 0.01 min

Lab File: VW007255.D

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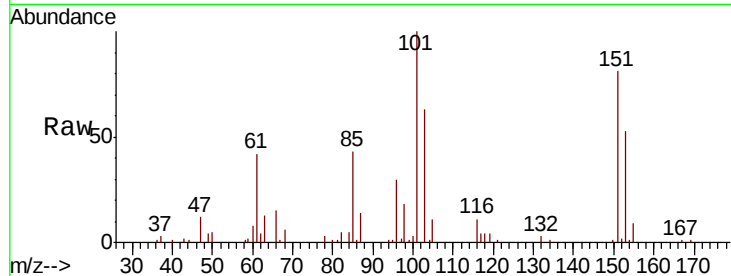
Tot Ion:101 Resp: 41317

Ion Ratio Lower Upper

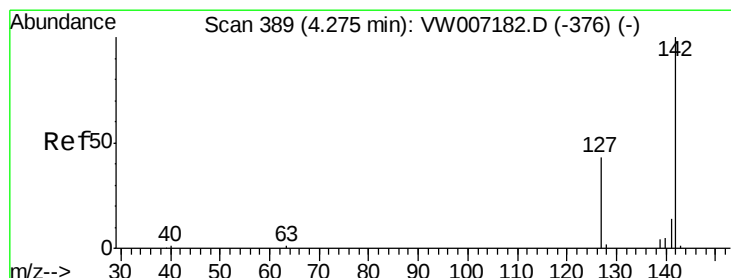
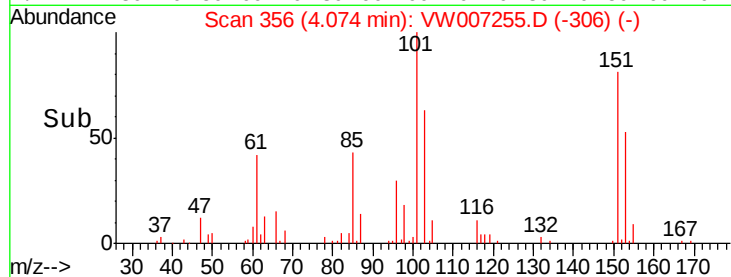
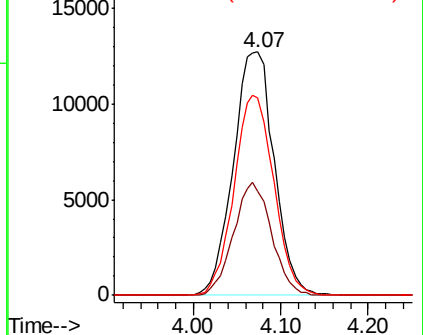
101 100

85 43.0 33.4 50.2

151 80.0 63.9 95.9



Abundance Ion 100.90 (100.60 to 101.60): V
Ion 84.90 (84.60 to 85.60): VV
Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 52.506 ug/l

RT: 4.28 min Scan# 390

Delta R.T. 0.01 min

Lab File: VW007255.D

Acq: 06 Dec 2018 02:49

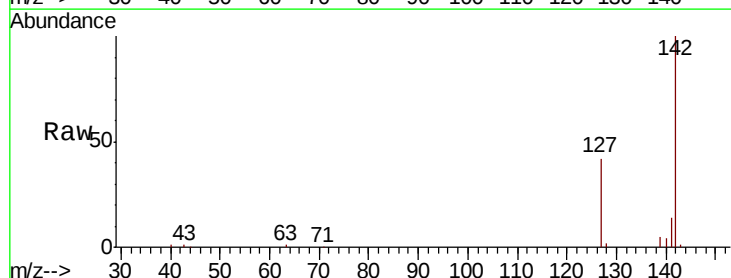
Tgt Ion:142 Resp: 41520

Ion Ratio Lower Upper

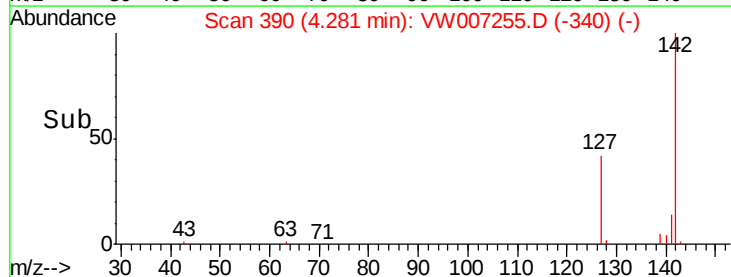
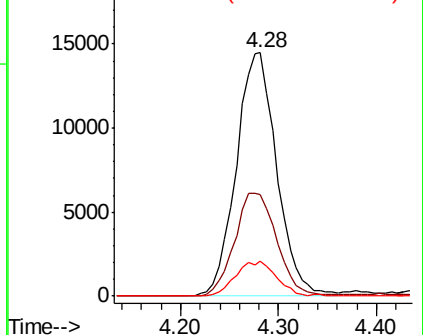
142 100

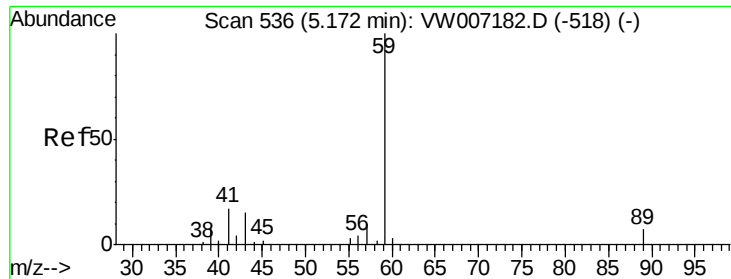
127 44.4 34.9 52.3

141 14.6 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



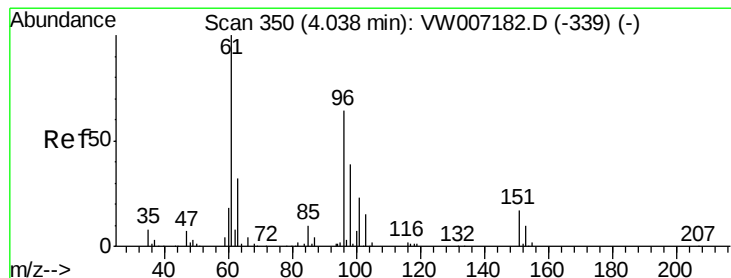
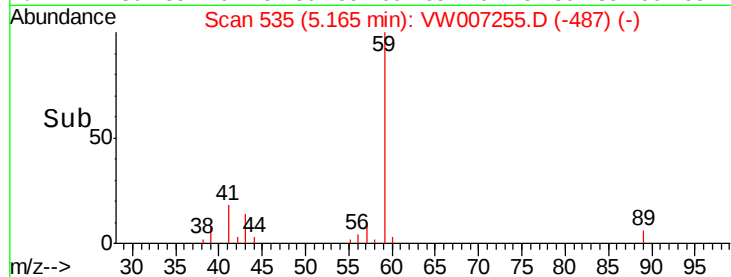
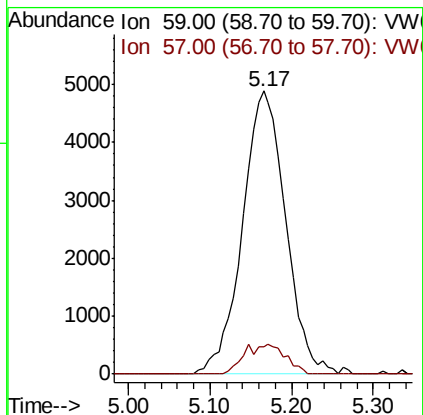
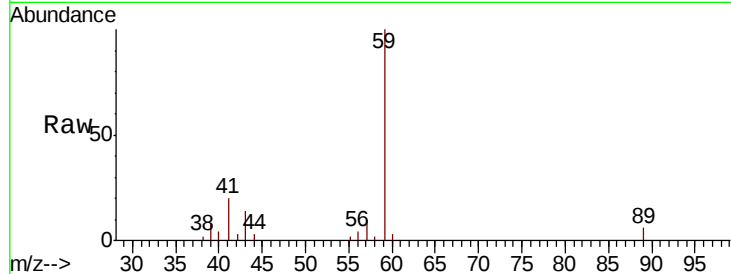


#11

Tert butyl alcohol
 Concen: 220.403 ug/l
 RT: 5.17 min Scan# 535
 Delta R.T. -0.01 min
 Lab File: VW007255.D
 Acq: 06 Dec 2018 02:49

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

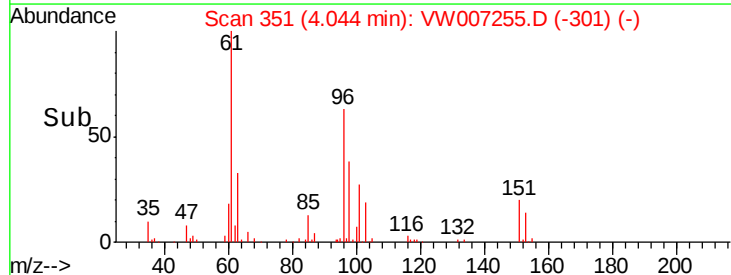
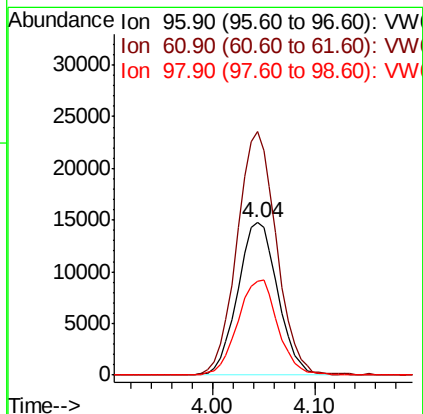
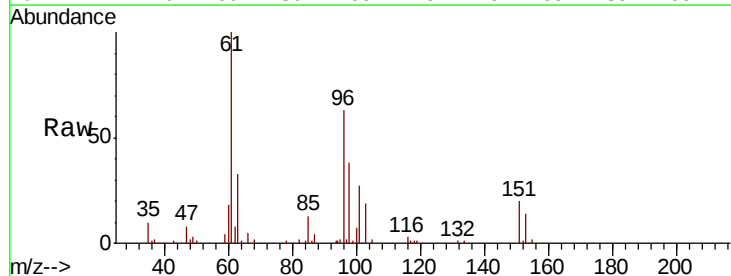
Tot Ion: 59 Resp: 17977
 Ion Ratio Lower Upper
 59 100
 57 3.2 7.1 10.7#

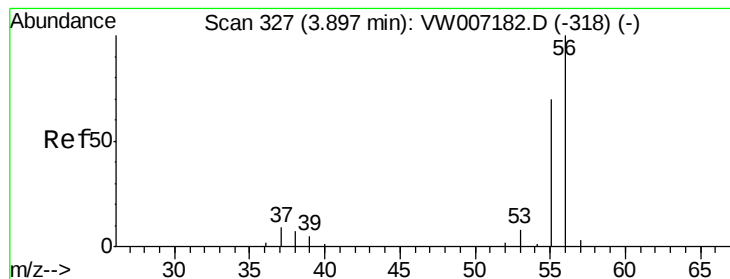


#12

1,1-Dichloroethene
 Concen: 46.322 ug/l
 RT: 4.04 min Scan# 351
 Delta R.T. 0.01 min
 Lab File: VW007255.D
 Acq: 06 Dec 2018 02:49

Tgt Ion: 96 Resp: 40296
 Ion Ratio Lower Upper
 96 100
 61 159.7 124.1 186.1
 98 61.4 48.6 72.8





#13

Acrolein

Concen: 264.930 ug/l

RT: 3.90 min Scan# 327

Delta R.T. -0.00 min

Lab File: VW007255.D

Acq: 06 Dec 2018 02:49

Instrument :

MSVOA_W

ClientSampleId :

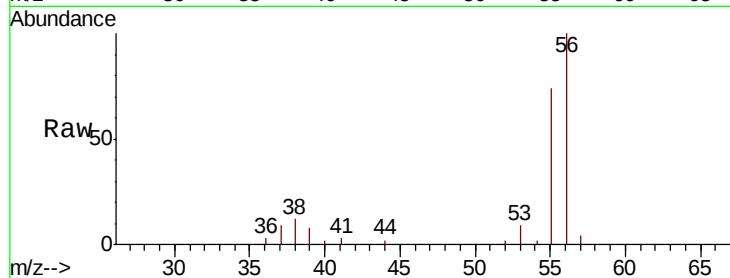
VSTDCCC050

Tot Ion: 56 Resp: 15703

Ion Ratio Lower Upper

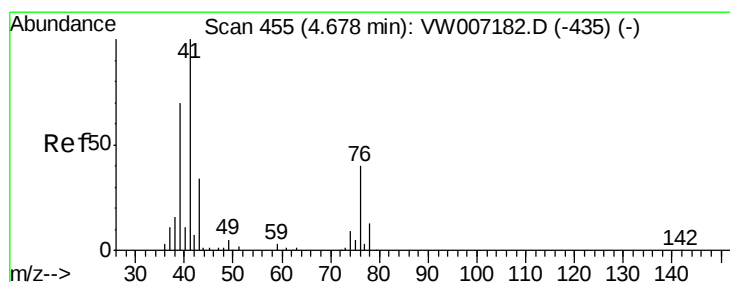
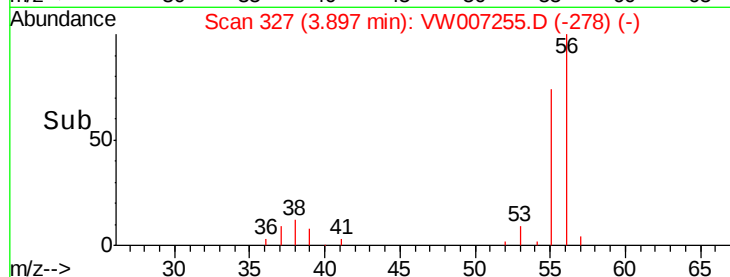
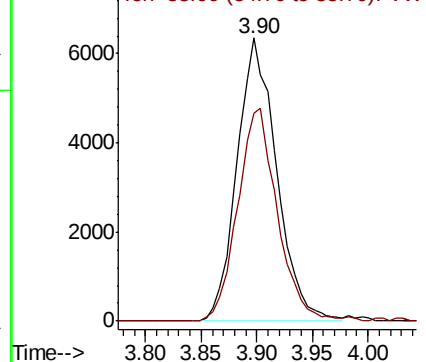
56 100

55 75.1 56.9 85.3



Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 55.00 (54.70 to 55.70): VW



#14

Allyl chloride

Concen: 44.801 ug/l

RT: 4.68 min Scan# 455

Delta R.T. -0.00 min

Lab File: VW007255.D

Acq: 06 Dec 2018 02:49

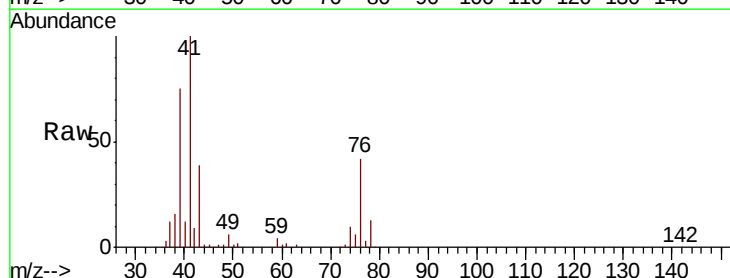
Tgt Ion: 41 Resp: 62470

Ion Ratio Lower Upper

41 100

39 76.6 55.9 83.9

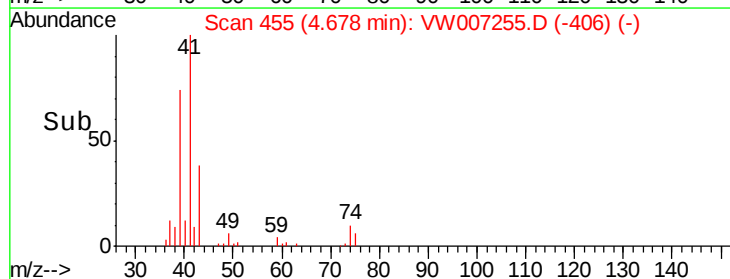
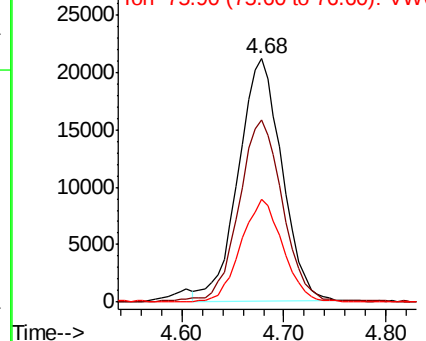
76 40.9 30.8 46.2

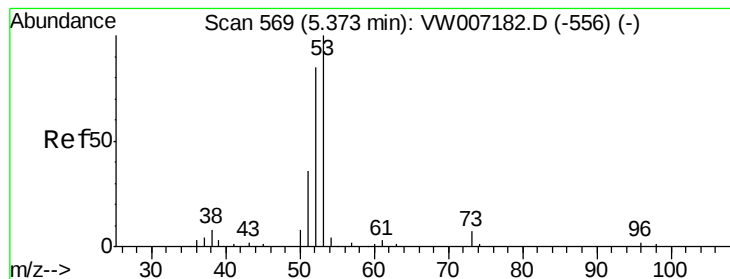


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

Ion 75.90 (75.60 to 76.60): VW





#15

Acrylonitrile

Concen: 265.582 ug/l

RT: 5.37 min Scan# 569

Delta R.T. -0.00 min

Lab File: VW007255.D

Acq: 06 Dec 2018 02:49

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

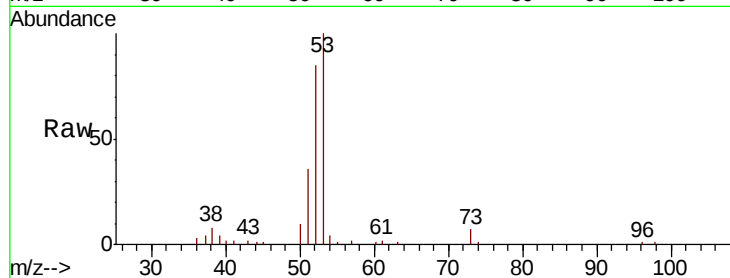
Tot Ion: 53 Resp: 47556

Ion Ratio Lower Upper

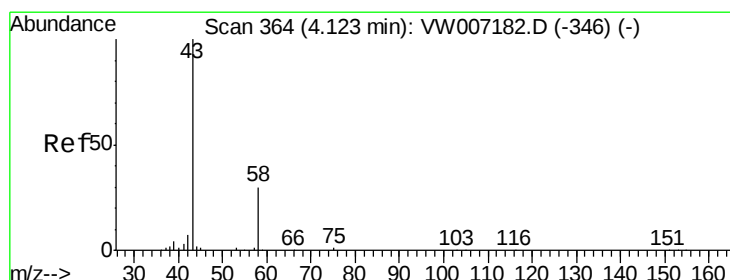
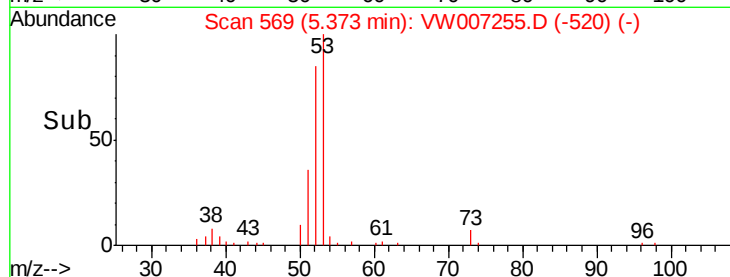
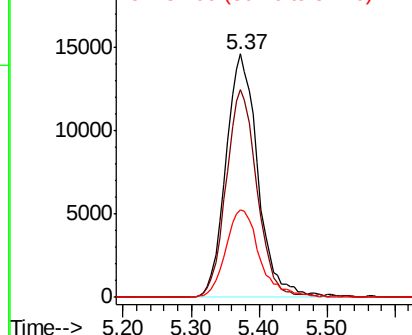
53 100

52 82.4 66.1 99.1

51 38.0 30.3 45.5



Abundance Ion 53.00 (52.70 to 53.70): VW
Ion 52.00 (51.70 to 52.70): VW
Ion 51.00 (50.70 to 51.70): VW



#16

Acetone

Concen: 207.370 ug/l

RT: 4.12 min Scan# 364

Delta R.T. -0.00 min

Lab File: VW007255.D

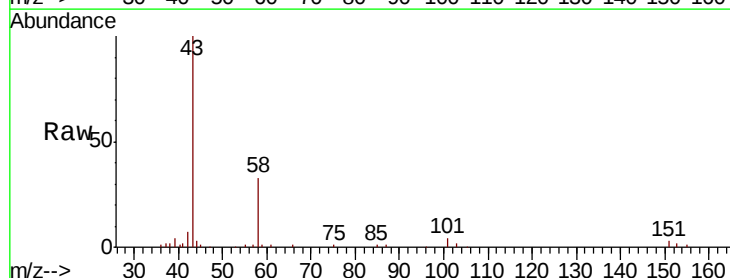
Acq: 06 Dec 2018 02:49

Tgt Ion: 43 Resp: 41527

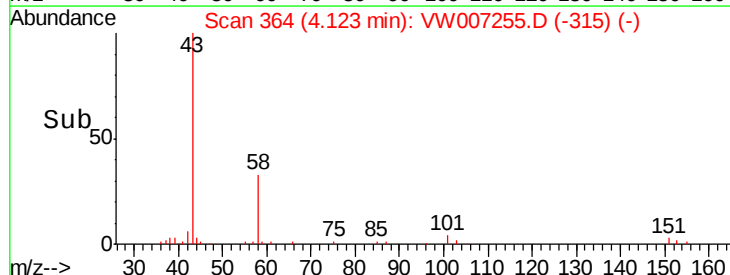
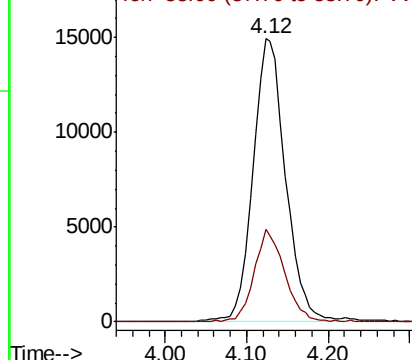
Ion Ratio Lower Upper

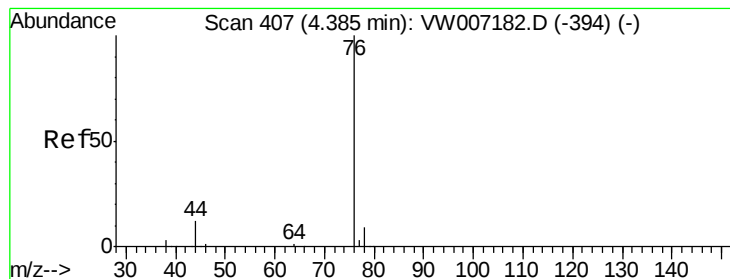
43 100

58 32.6 23.8 35.8



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





#17

Carbon Disulfide

Concen: 44.542 ug/l

RT: 4.39 min Scan# 407

Delta R.T. -0.00 min

Lab File: VW007255.D

Acq: 06 Dec 2018 02:49

Instrument :

MSVOA_W

ClientSampleId :

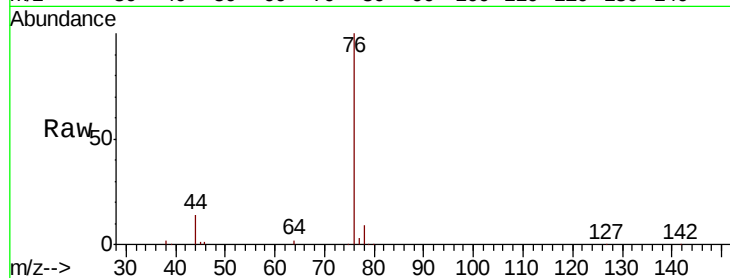
VSTDCCC050

Tot Ion: 76 Resp: 127724

Ion Ratio Lower Upper

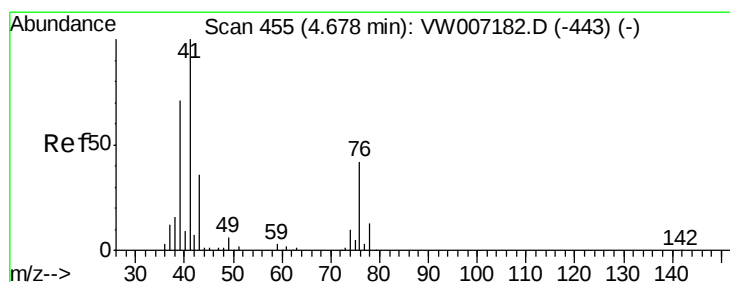
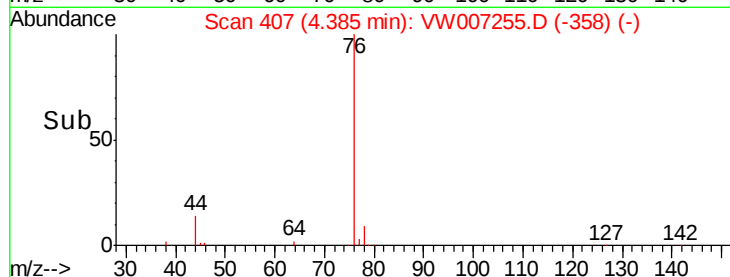
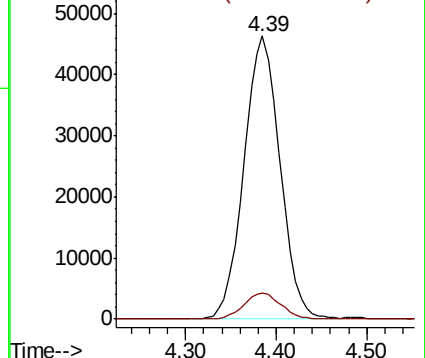
76 100

78 9.3 7.2 10.8



Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW



#18

Methyl Acetate

Concen: 51.905 ug/l

RT: 4.68 min Scan# 455

Delta R.T. -0.00 min

Lab File: VW007255.D

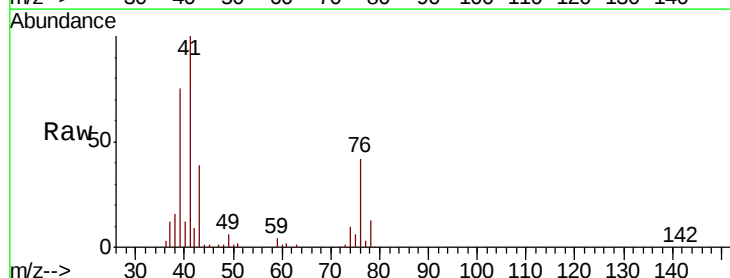
Acq: 06 Dec 2018 02:49

Tgt Ion: 43 Resp: 23726

Ion Ratio Lower Upper

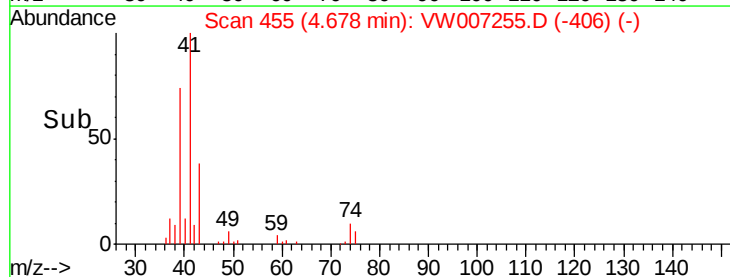
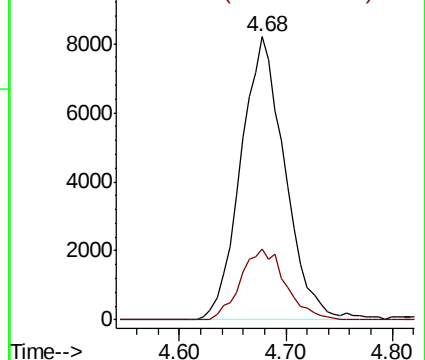
43 100

74 25.6 20.1 30.1



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW

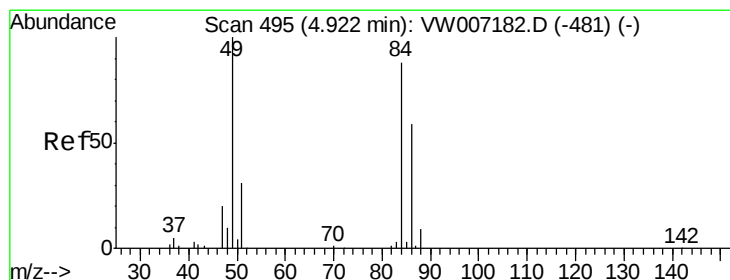
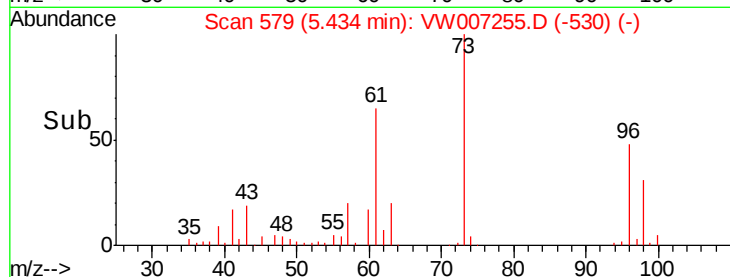
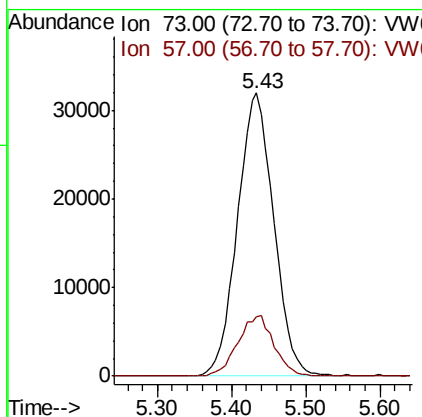
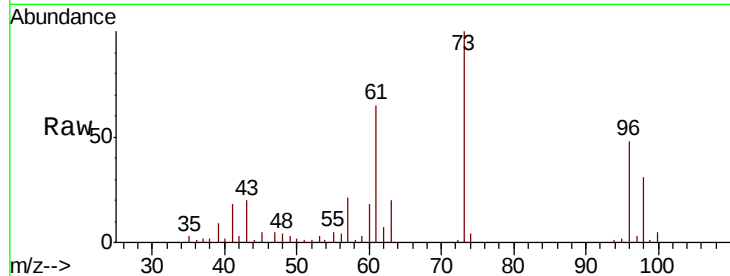




#19
Methyl tert-butyl Ether
Concen: 53.247 ug/l
RT: 5.43 min Scan# 579
Delta R.T. -0.00 min
Lab File: VW007255.D
Acq: 06 Dec 2018 02:49

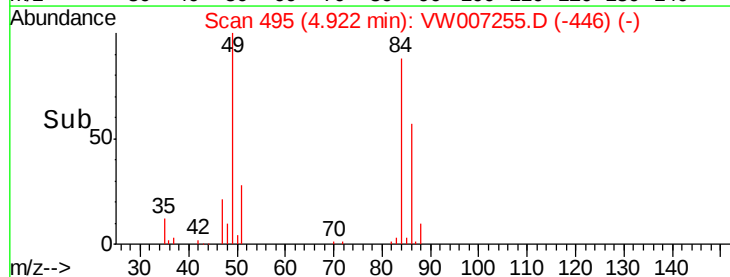
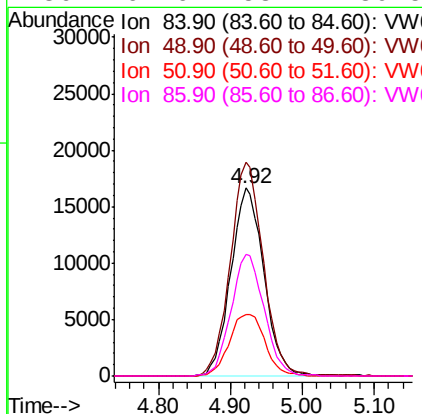
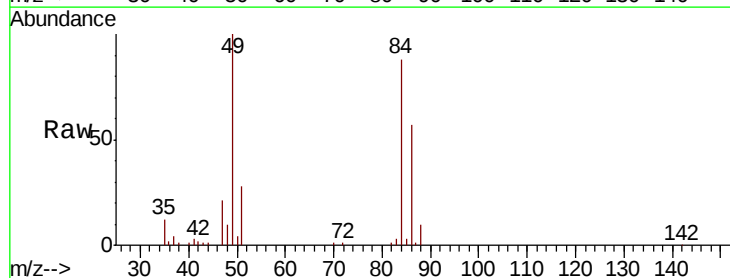
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

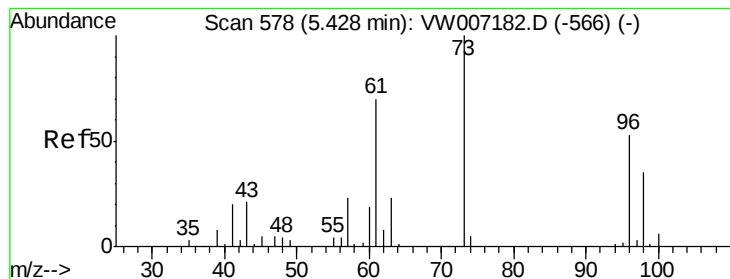
Tot Ion: 73 Resp: 109059
Ion Ratio Lower Upper
73 100
57 21.2 16.6 25.0



#20
Methylene Chloride
Concen: 53.000 ug/l
RT: 4.92 min Scan# 495
Delta R.T. 0.00 min
Lab File: VW007255.D
Acq: 06 Dec 2018 02:49

Tgt Ion: 84 Resp: 53133
Ion Ratio Lower Upper
84 100
49 113.5 90.6 135.8
51 32.3 27.6 41.4
86 64.6 53.7 80.5





#21

trans-1,2-Dichloroethene

Concen: 48.577 ug/l

RT: 5.43 min Scan# 579

Delta R.T. 0.01 min

Lab File: VW007255.D

Acq: 06 Dec 2018 02:49

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

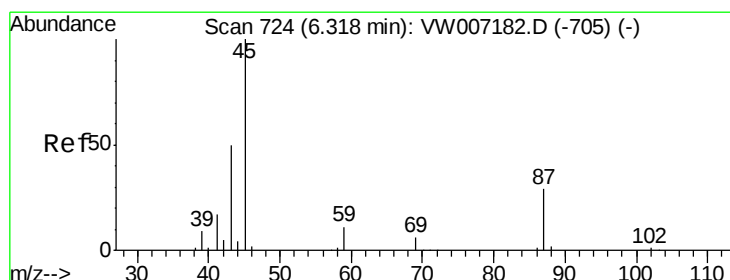
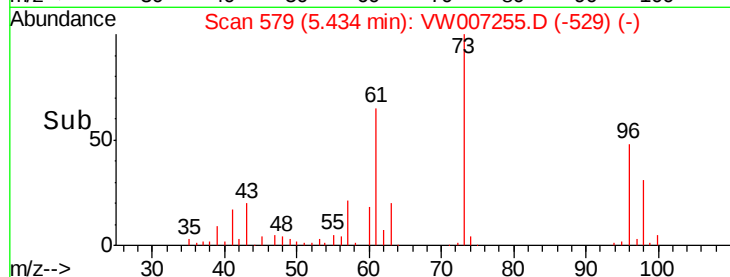
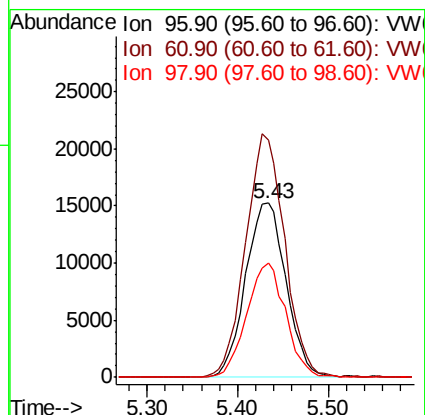
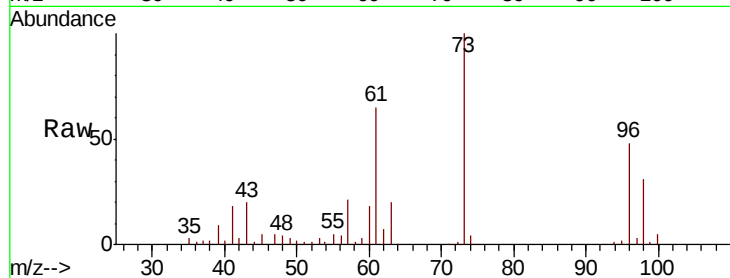
Tot Ion: 96 Resp: 47185

Ion Ratio Lower Upper

96 100

61 136.1 105.5 158.3

98 65.4 52.6 79.0



#22

Diisopropyl ether

Concen: 53.233 ug/l

RT: 6.32 min Scan# 724

Delta R.T. -0.00 min

Lab File: VW007255.D

Acq: 06 Dec 2018 02:49

Tgt Ion: 45 Resp: 133251

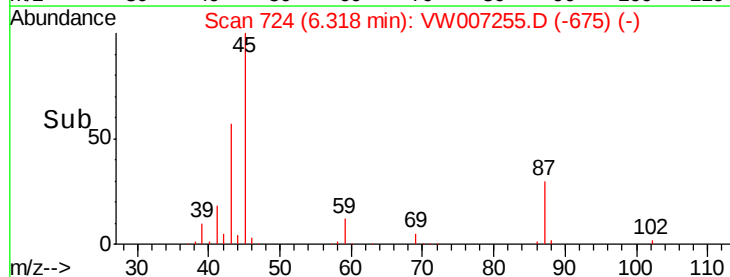
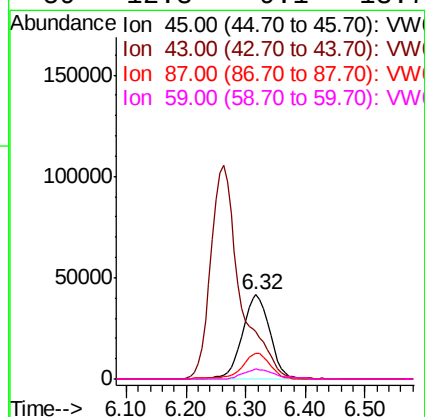
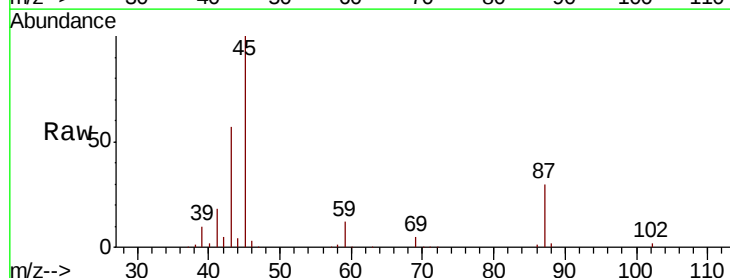
Ion Ratio Lower Upper

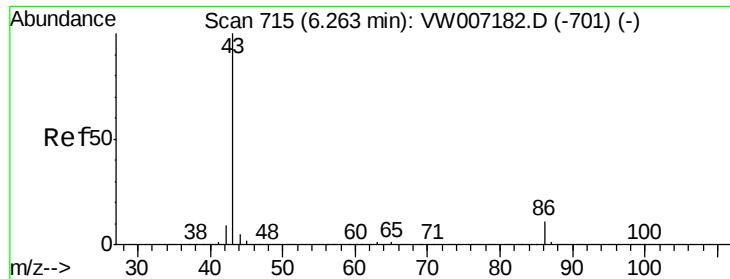
45 100

43 55.9 40.8 61.2

87 30.3 24.0 36.0

59 12.3 9.1 13.7





#23

Vinyl Acetate

Concen: 263.305 ug/l

RT: 6.26 min Scan# 715

Delta R.T. -0.00 min

Lab File: VW007255.D

Acq: 06 Dec 2018 02:49

Instrument :

MSVOA_W

ClientSampleId :

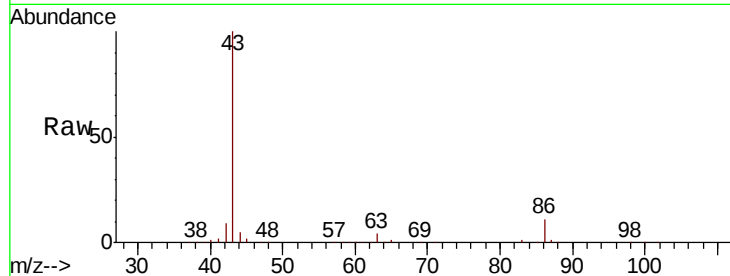
VSTDCCC050

Tot Ion: 43 Resp: 359634

Ion Ratio Lower Upper

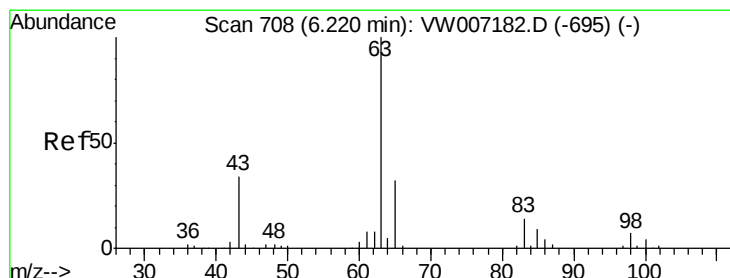
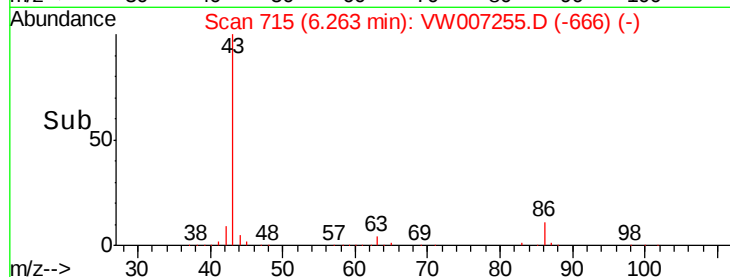
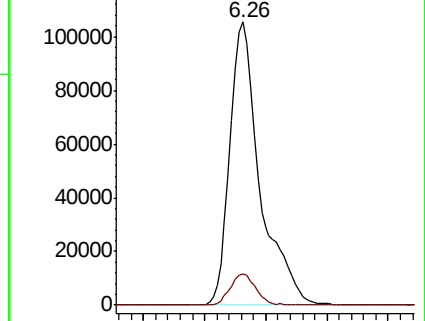
43 100

86 11.1 9.0 13.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW



#24

1,1-Dichloroethane

Concen: 50.370 ug/l

RT: 6.23 min Scan# 709

Delta R.T. 0.01 min

Lab File: VW007255.D

Acq: 06 Dec 2018 02:49

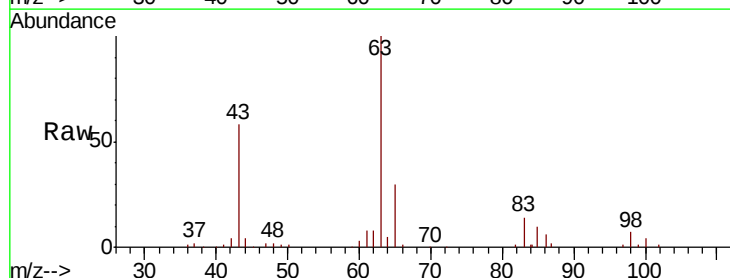
Tgt Ion: 63 Resp: 80812

Ion Ratio Lower Upper

63 100

98 6.8 3.5 10.5

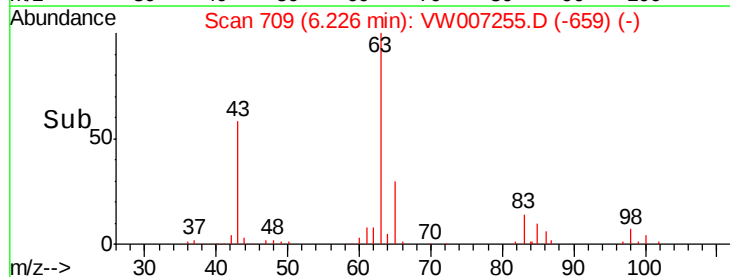
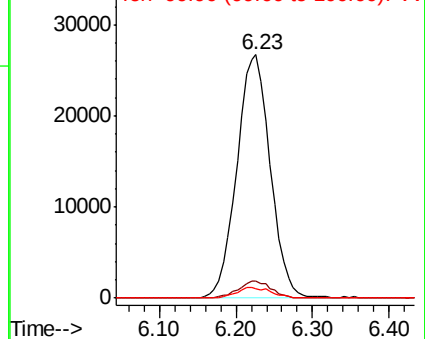
100 4.0 2.1 6.2

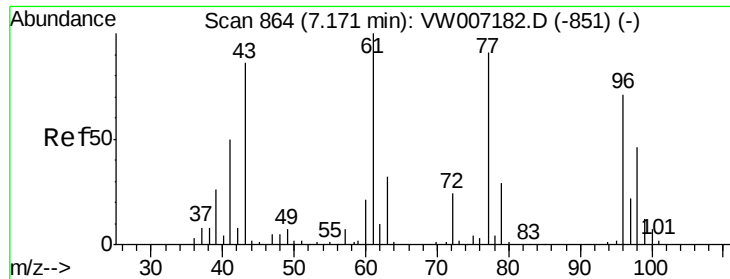


Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW





#25

2-Butanone

Concen: 245.059 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.00 min

Lab File: VW007255.D

Acq: 06 Dec 2018 02:49

Instrument :

MSVOA_W

ClientSampleId :

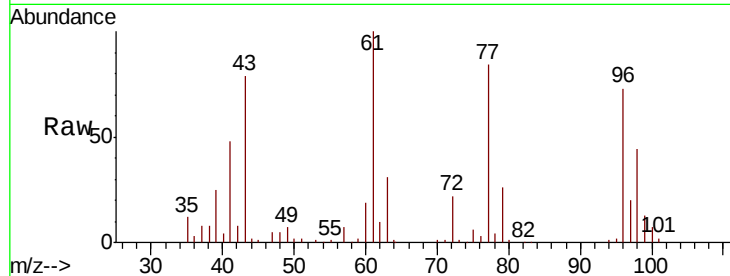
VSTDCCC050

Tot Ion: 43 Resp: 56887

Ion Ratio Lower Upper

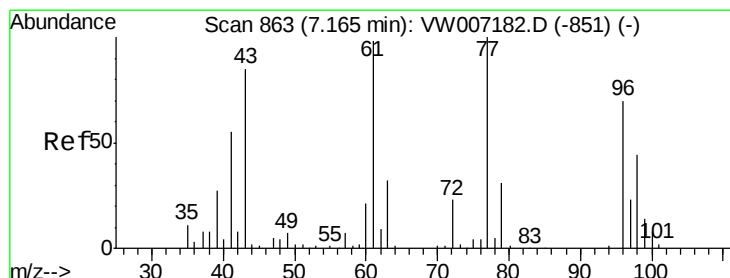
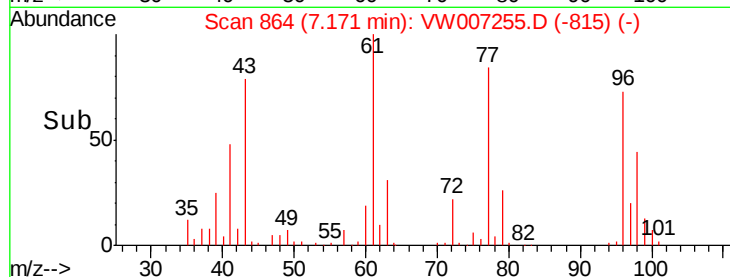
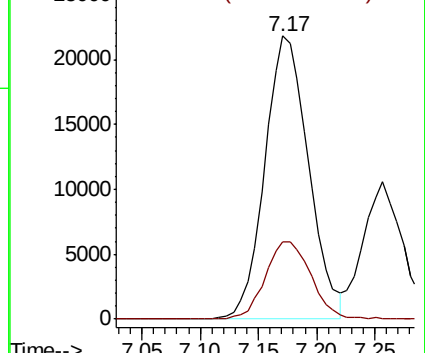
43 100

72 27.2 22.8 34.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW



#26

2,2-Dichloropropane

Concen: 44.690 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.01 min

Lab File: VW007255.D

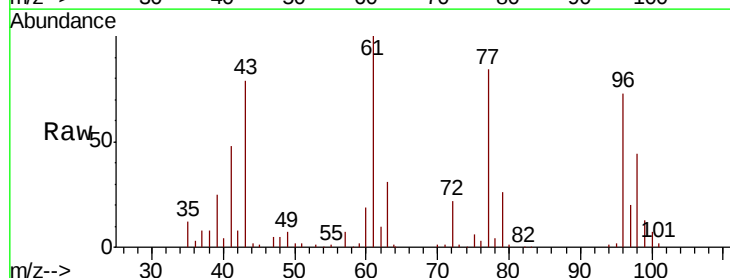
Acq: 06 Dec 2018 02:49

Tgt Ion: 77 Resp: 68902

Ion Ratio Lower Upper

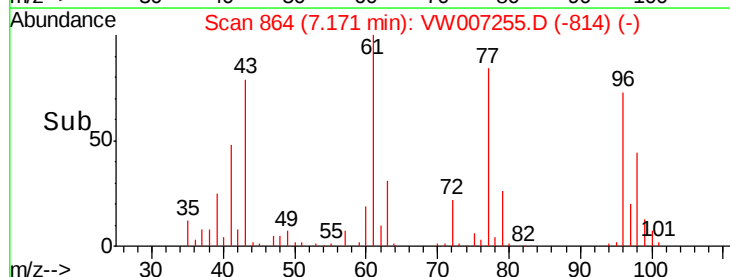
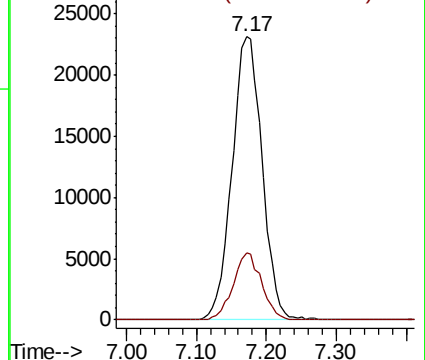
77 100

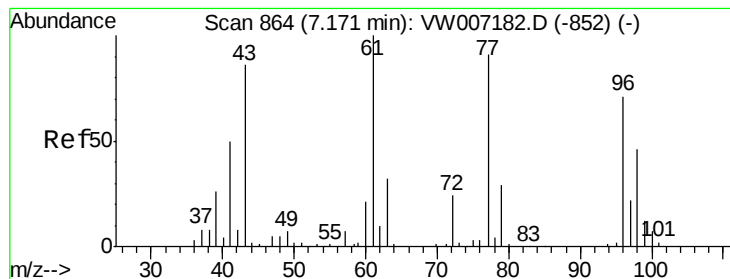
97 22.3 11.5 34.4



Abundance Ion 76.90 (76.60 to 77.60): VW

Ion 96.90 (96.60 to 97.60): VW



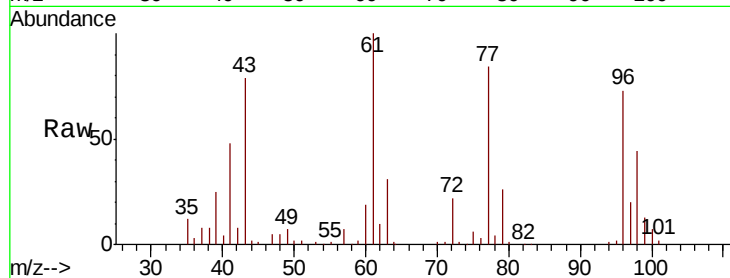


#27

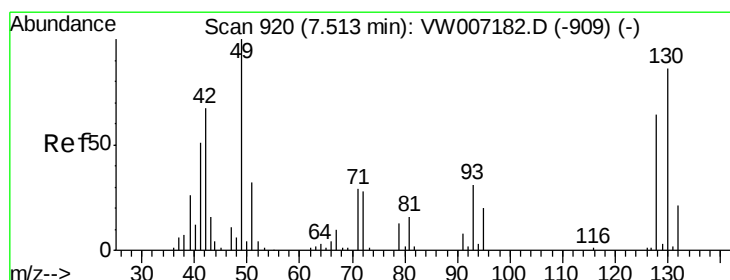
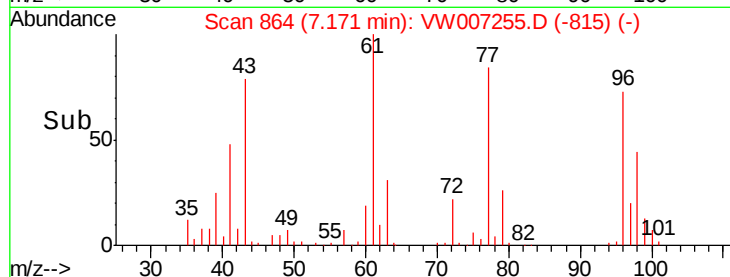
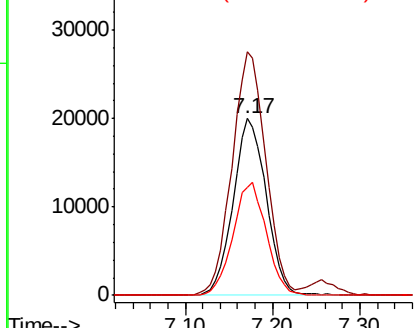
cis-1,2-Dichloroethene
Concen: 50.629 ug/l
RT: 7.17 min Scan# 864
Delta R.T. -0.00 min
Lab File: VW007255.D
Acq: 06 Dec 2018 02:49

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion: 96 Resp: 52719
Ion Ratio Lower Upper
96 100
61 140.2 0.0 282.4
98 64.2 0.0 129.8



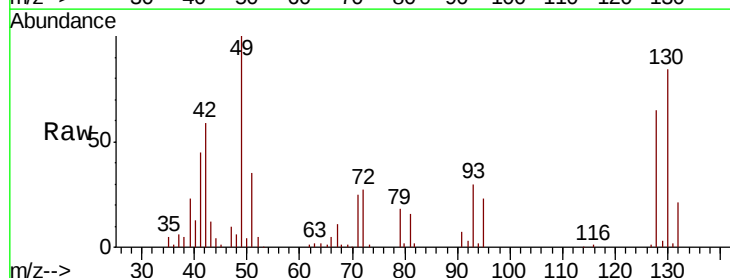
Abundance Ion 95.90 (95.60 to 96.60): VW
Ion 60.90 (60.60 to 61.60): VW
Ion 97.90 (97.60 to 98.60): VW



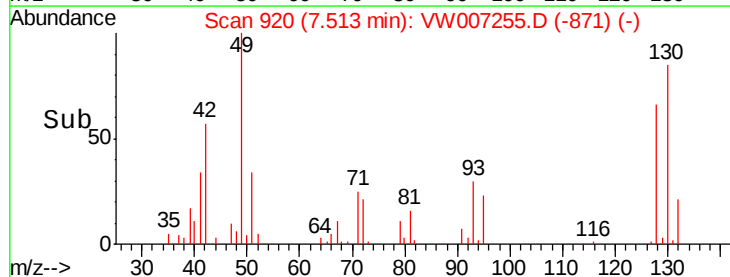
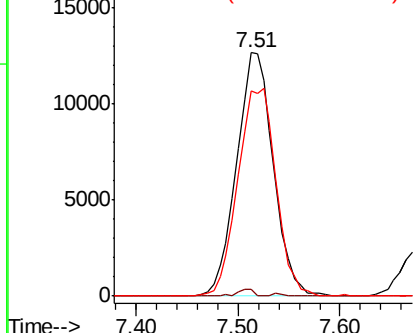
#28

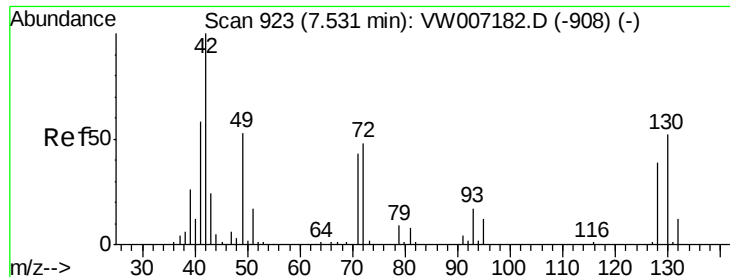
Bromochloromethane
Concen: 54.836 ug/l
RT: 7.51 min Scan# 920
Delta R.T. -0.00 min
Lab File: VW007255.D
Acq: 06 Dec 2018 02:49

Tgt Ion: 49 Resp: 31723
Ion Ratio Lower Upper
49 100
129 1.2 0.0 3.8
130 88.6 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

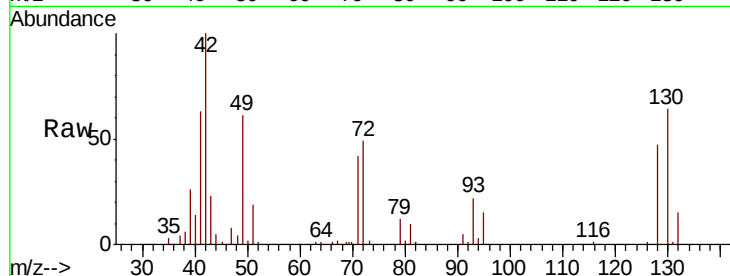




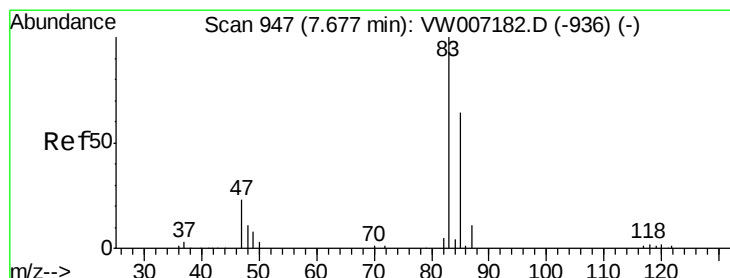
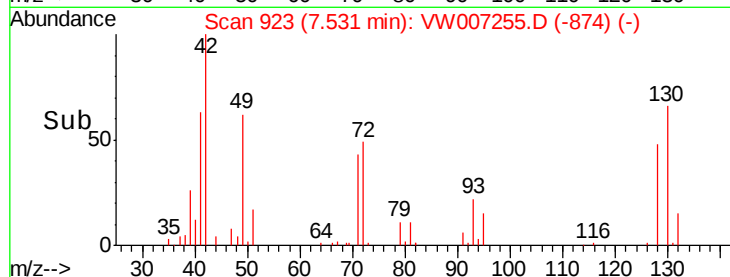
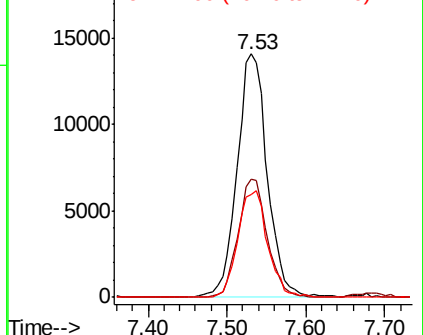
#29
Tetrahydrofuran
Concen: 261.540 ug/l
RT: 7.53 min Scan# 923
Delta R.T. -0.00 min
Lab File: VW007255.D
Acq: 06 Dec 2018 02:49

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion: 42 Resp: 37518
Ion Ratio Lower Upper
42 100
72 46.7 36.6 55.0
71 43.4 34.8 52.2

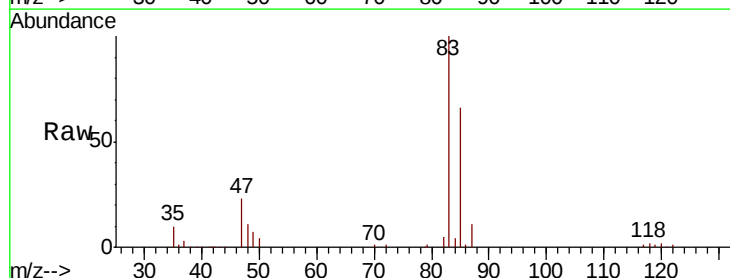


Abundance Ion 42.00 (41.70 to 42.70): VW
Ion 72.00 (71.70 to 72.70): VW
Ion 71.00 (70.70 to 71.70): VW

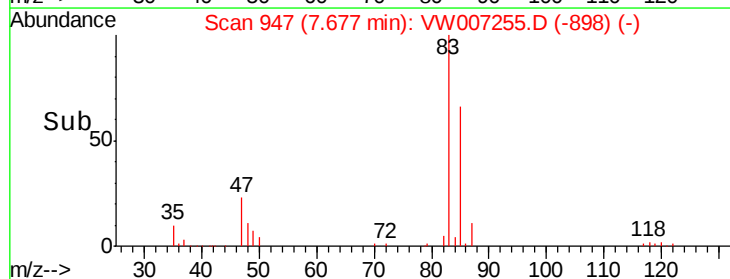
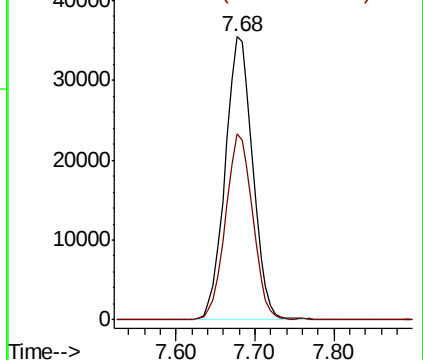


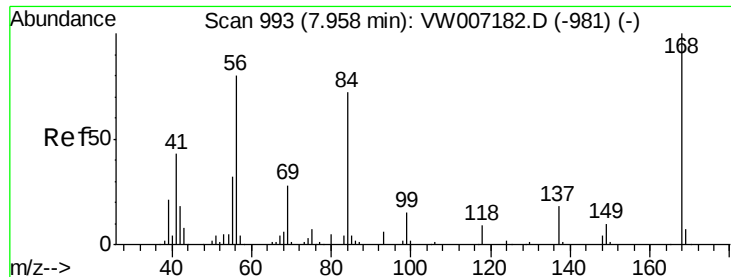
#30
Chloroform
Concen: 51.777 ug/l
RT: 7.68 min Scan# 947
Delta R.T. -0.00 min
Lab File: VW007255.D
Acq: 06 Dec 2018 02:49

Tgt Ion: 83 Resp: 86333
Ion Ratio Lower Upper
83 100
85 65.6 51.5 77.3



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

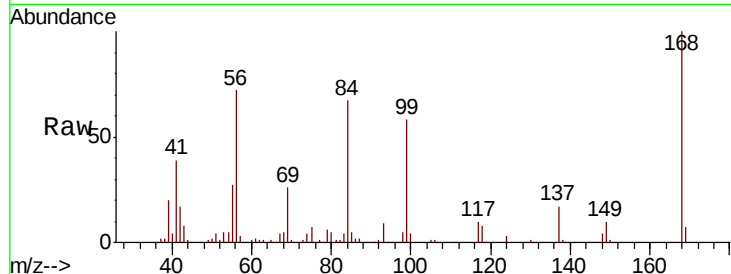




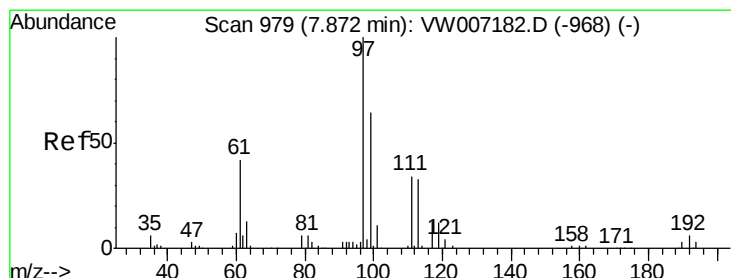
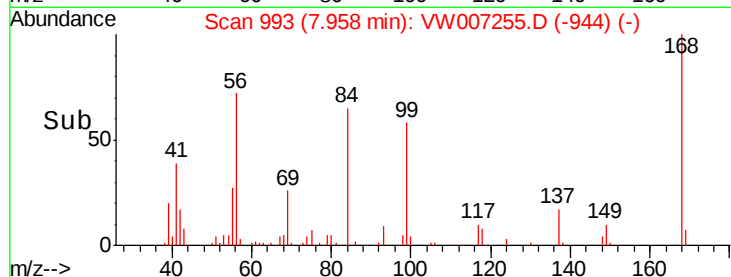
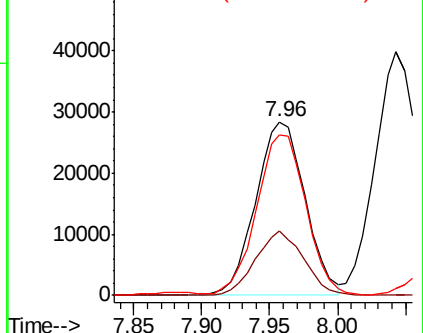
#31
Cyclohexane
Concen: 42.952 ug/l
RT: 7.96 min Scan# 993
Delta R.T. -0.00 min
Lab File: VW007255.D
Acq: 06 Dec 2018 02:49

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion: 56 Resp: 72102
Ion Ratio Lower Upper
56 100
69 36.8 28.2 42.2
84 90.9 72.1 108.1

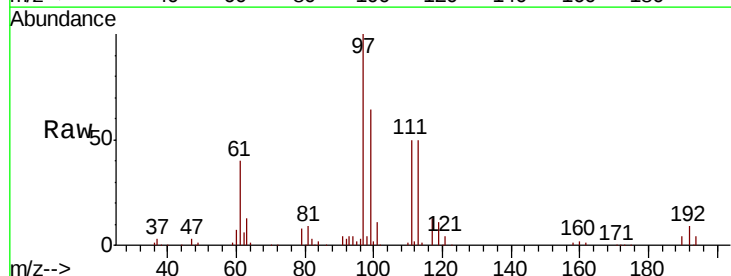


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

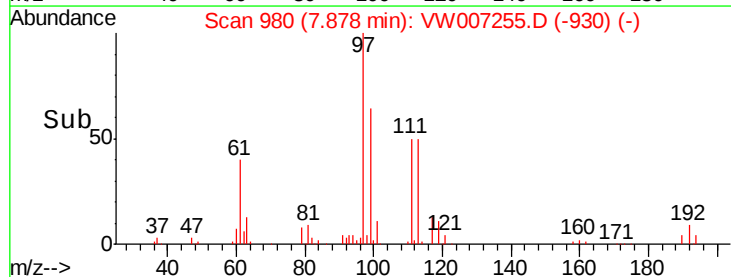
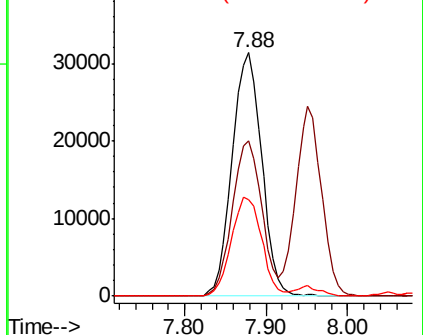


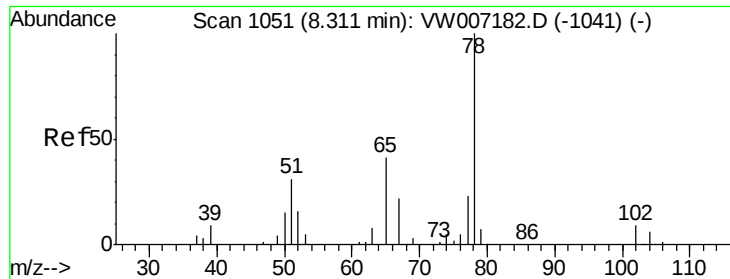
#32
1,1,1-Trichloroethane
Concen: 50.173 ug/l
RT: 7.88 min Scan# 980
Delta R.T. 0.01 min
Lab File: VW007255.D
Acq: 06 Dec 2018 02:49

Tgt Ion: 97 Resp: 78729
Ion Ratio Lower Upper
97 100
99 63.7 51.3 76.9
61 41.8 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

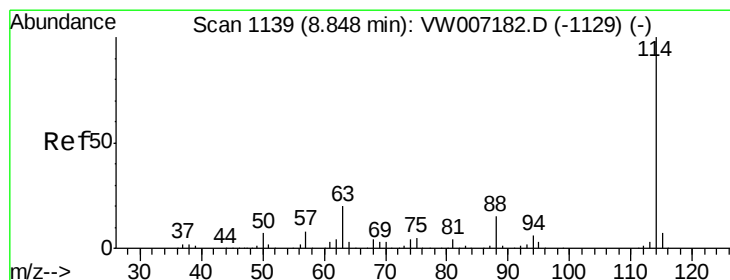
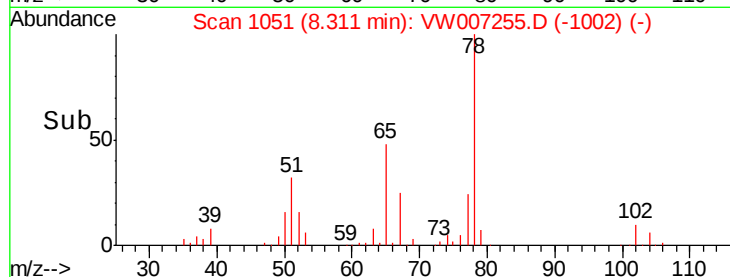
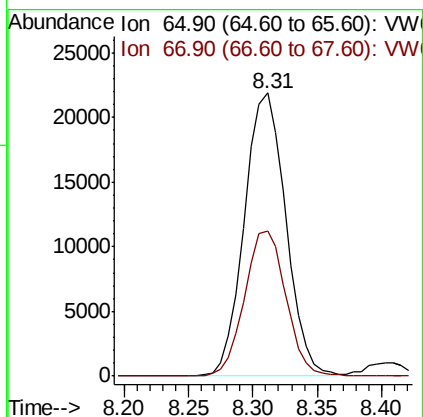
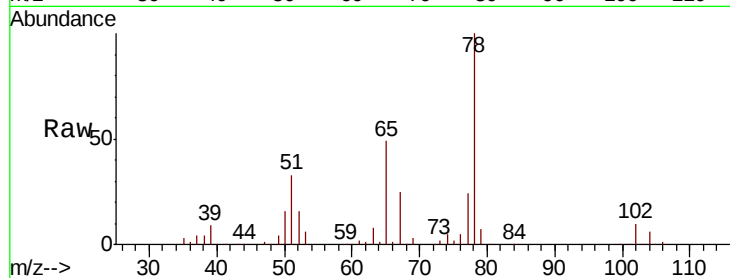




#33
 1,2-Dichloroethane-d4
 Concen: 57.716 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: VW007255.D
 Acq: 06 Dec 2018 02:49

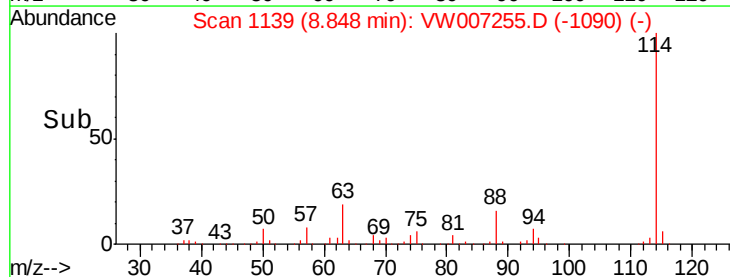
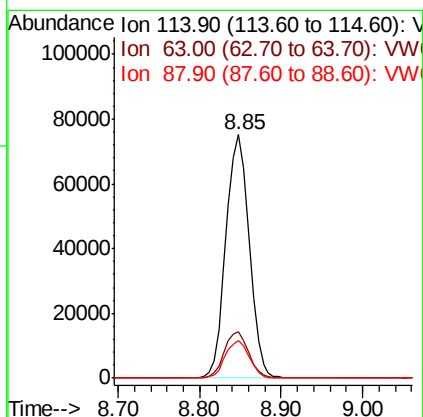
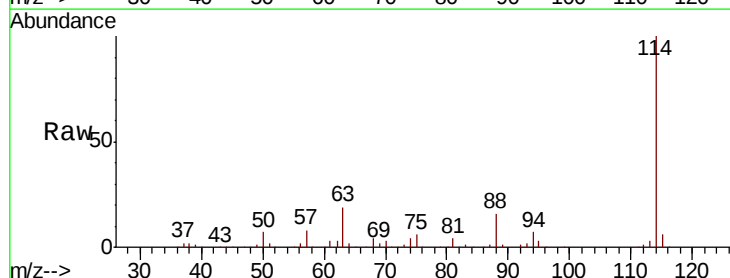
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

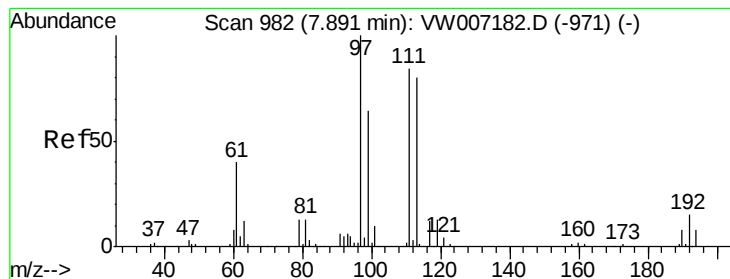
Tot Ion: 65 Resp: 48822
 Ion Ratio Lower Upper
 65 100
 67 51.0 0.0 106.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: VW007255.D
 Acq: 06 Dec 2018 02:49

Tgt Ion: 114 Resp: 148871
 Ion Ratio Lower Upper
 114 100
 63 19.3 0.0 40.2
 88 15.5 0.0 30.0





#35

Dibromofluoromethane

Concen: 54.618 ug/l

RT: 7.89 min Scan# 982

Delta R.T. -0.00 min

Lab File: VW007255.D

Acq: 06 Dec 2018 02:49

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

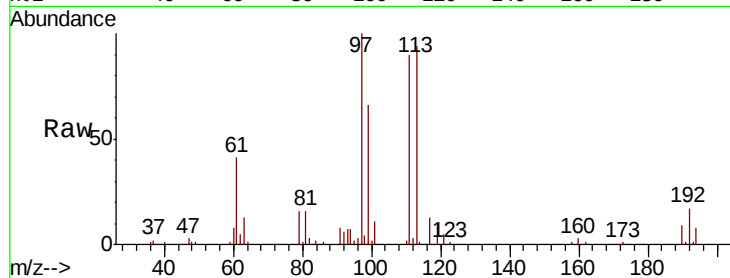
Tot Ion:113 Resp: 46558

Ion Ratio Lower Upper

113 100

111 100.7 82.2 123.4

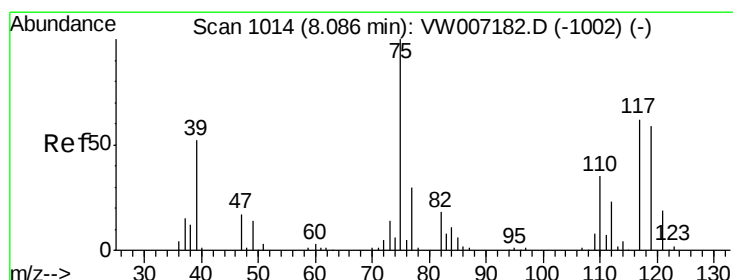
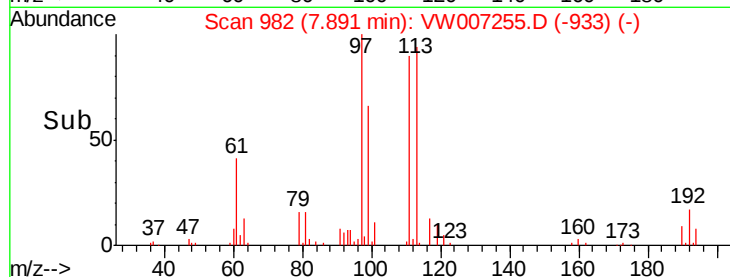
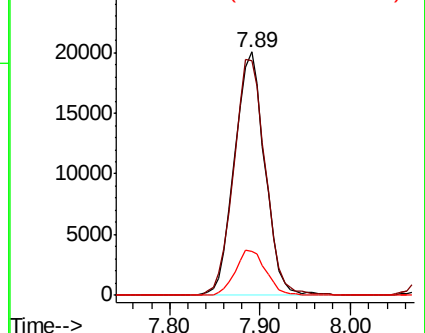
192 18.7 14.4 21.6



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: 46.297 ug/l

RT: 8.09 min Scan# 1014

Delta R.T. -0.00 min

Lab File: VW007255.D

Acq: 06 Dec 2018 02:49

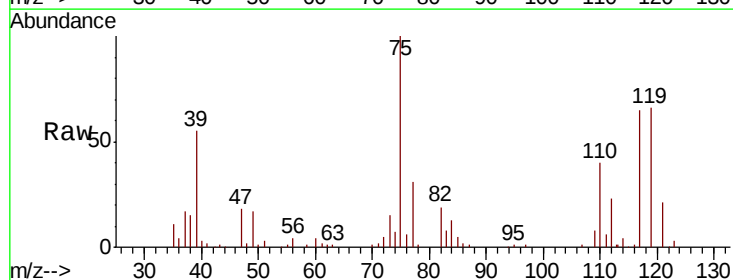
Tgt Ion: 75 Resp: 67063

Ion Ratio Lower Upper

75 100

110 36.7 18.3 54.9

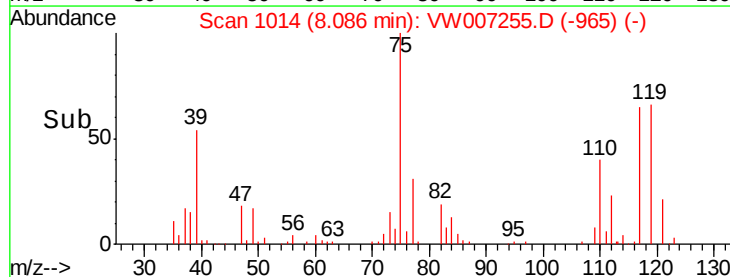
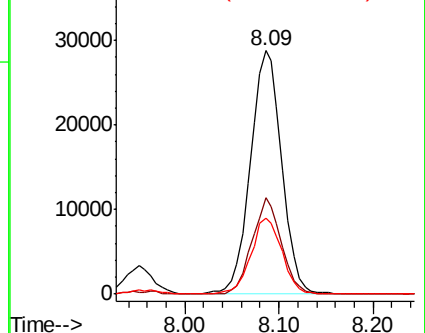
77 30.8 24.9 37.3



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

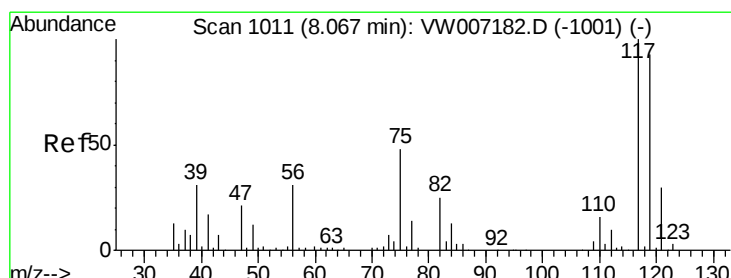
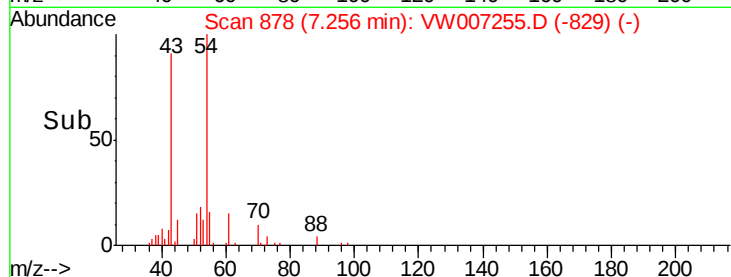
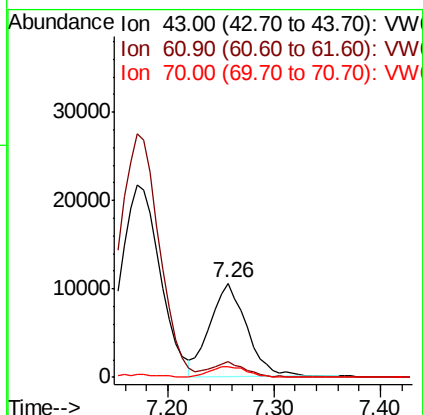
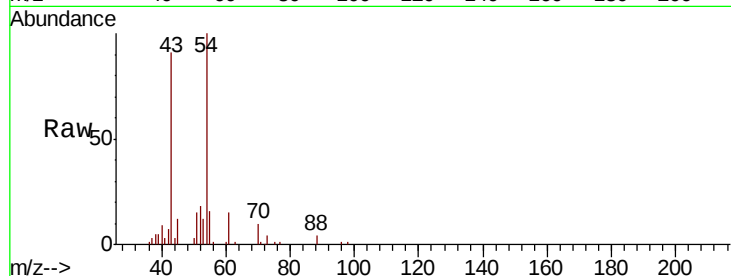




#37
Ethyl Acetate
Concen: 48.395 ug/l
RT: 7.26 min Scan# 878
Delta R.T. -0.00 min
Lab File: VW007255.D
Acq: 06 Dec 2018 02:49

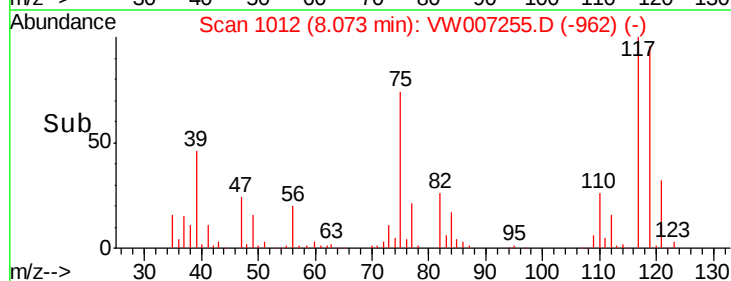
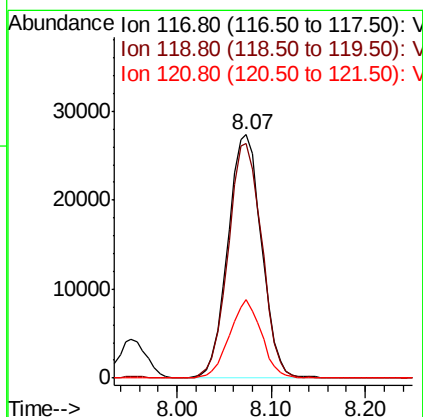
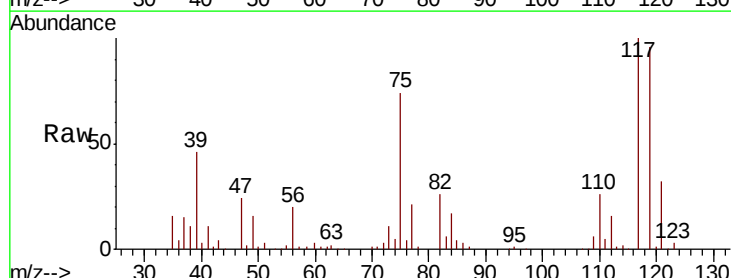
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

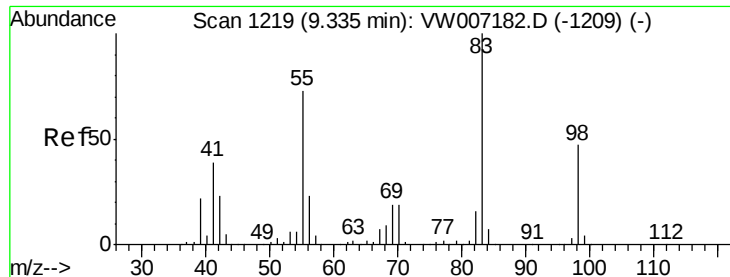
Tot Ion: 43 Resp: 25358
Ion Ratio Lower Upper
43 100
61 14.7 12.1 18.1
70 12.1 9.1 13.7



#38
Carbon Tetrachloride
Concen: 46.055 ug/l
RT: 8.07 min Scan# 1012
Delta R.T. 0.01 min
Lab File: VW007255.D
Acq: 06 Dec 2018 02:49

Tgt Ion: 117 Resp: 68091
Ion Ratio Lower Upper
117 100
119 96.4 74.1 111.1
121 32.4 23.9 35.9

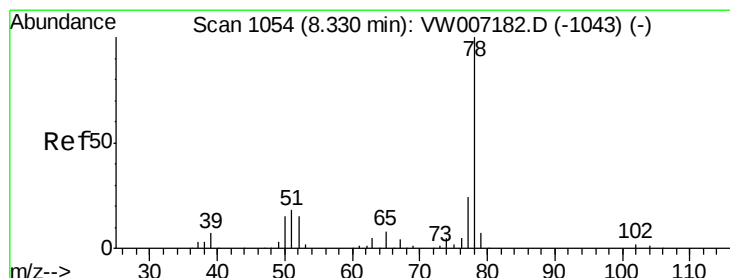
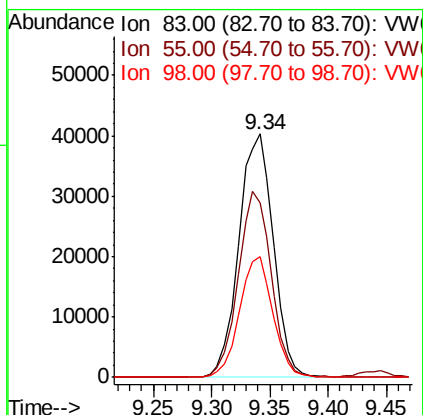
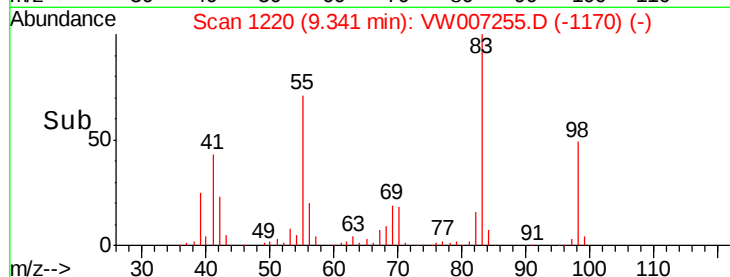
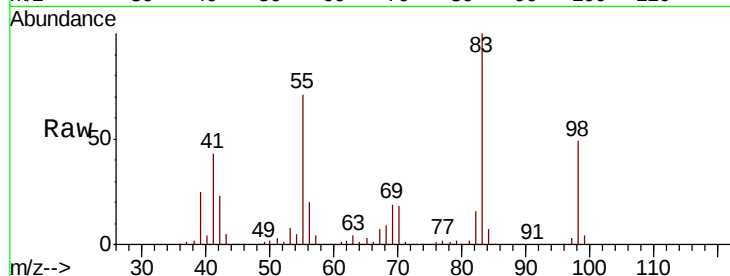




#39
Methvlcvclohexane
Concen: 42.901 ug/l
RT: 9.34 min Scan# 1220
Delta R.T. 0.01 min
Lab File: VW007255.D
Acq: 06 Dec 2018 02:49

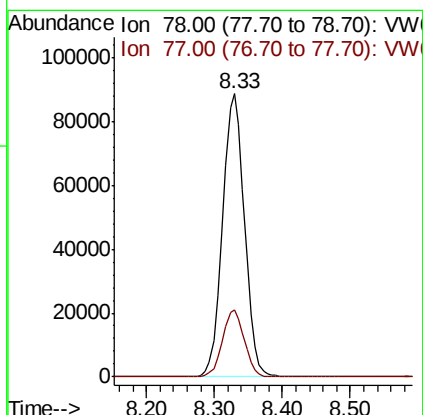
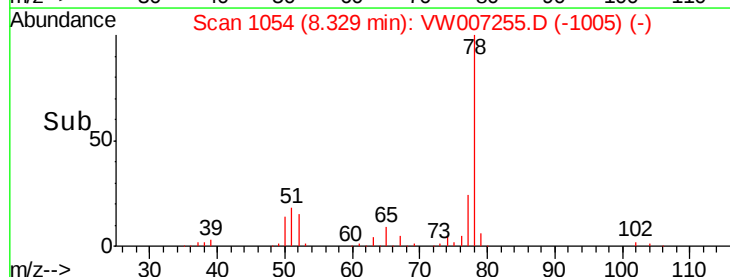
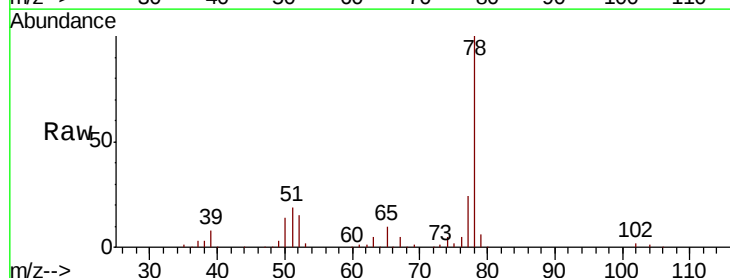
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

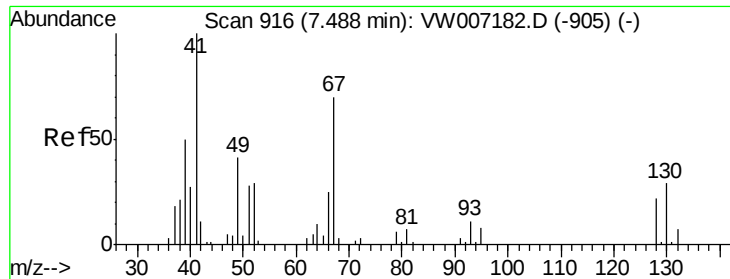
Tot Ion: 83 Resp: 83191
Ion Ratio Lower Upper
83 100
55 71.4 58.1 87.1
98 49.4 37.3 55.9



#40
Benzene
Concen: 49.788 ug/l
RT: 8.33 min Scan# 1054
Delta R.T. -0.00 min
Lab File: VW007255.D
Acq: 06 Dec 2018 02:49

Tgt Ion: 78 Resp: 197761
Ion Ratio Lower Upper
78 100
77 23.9 18.9 28.3

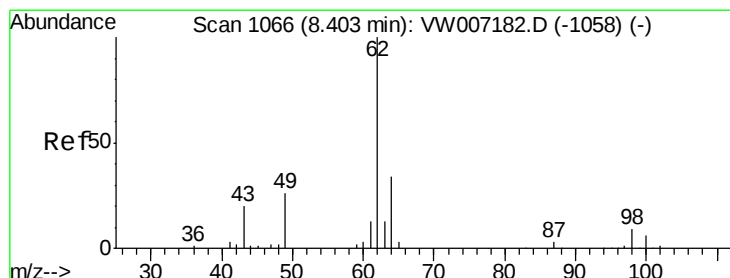
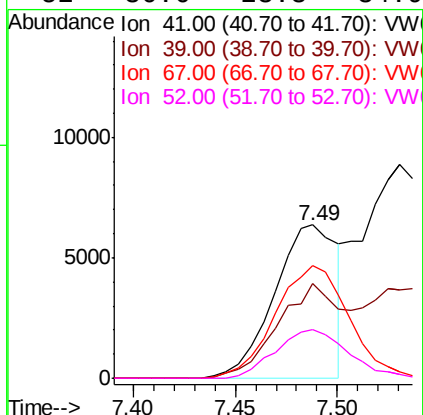
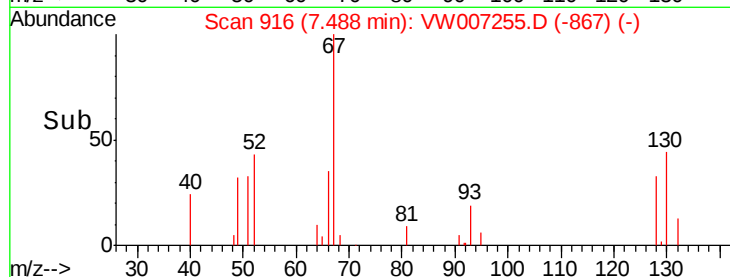
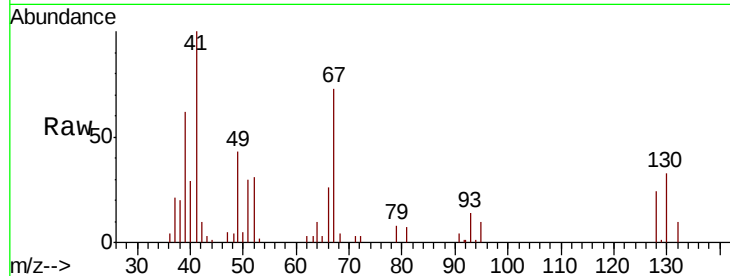




#41
Methacrylonitrile
Concen: 43.617 ug/l
RT: 7.49 min Scan# 916
Delta R.T. -0.00 min
Lab File: VW007255.D
Acq: 06 Dec 2018 02:49

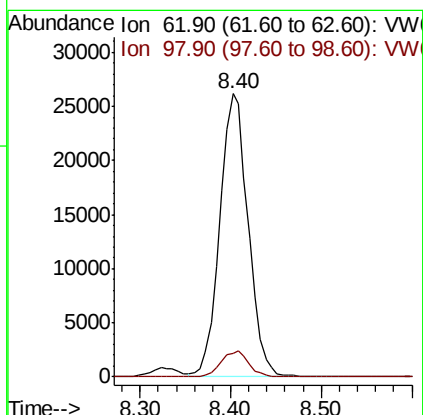
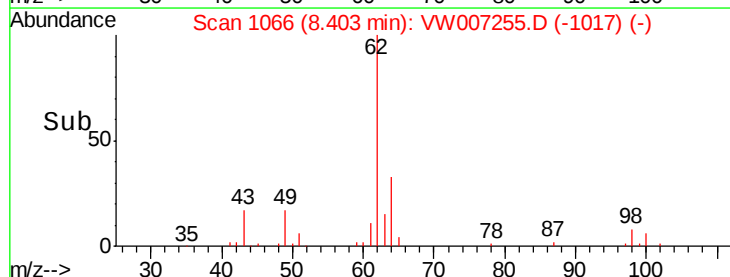
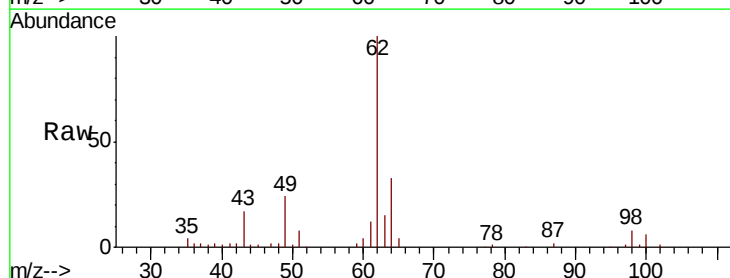
Instrument :
MSVOA_W
ClientSampled :
VSTDCCC050

Tot Ion: 41 Resp: 13689
Ion Ratio Lower Upper
41 100
39 64.1 43.4 65.0
67 85.6 57.4 86.0
52 36.6 23.3 34.9#



#42
1,2-Dichloroethane
Concen: 51.263 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. -0.00 min
Lab File: VW007255.D
Acq: 06 Dec 2018 02:49

Tgt Ion: 62 Resp: 56908
Ion Ratio Lower Upper
62 100
98 8.9 0.0 17.8





#43

Isopropyl Acetate

Concen: 50.782 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. -0.00 min

Lab File: VW007255.D

Acq: 06 Dec 2018 02:49

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

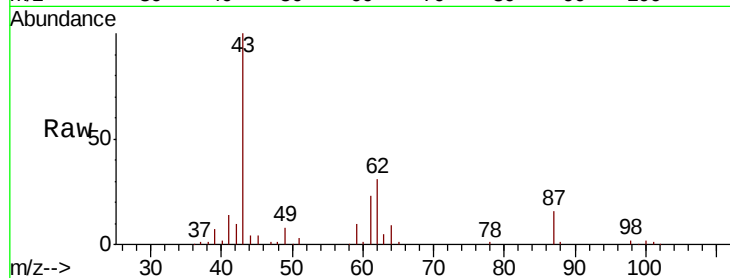
Tot Ion: 43 Resp: 51679

Ion Ratio Lower Upper

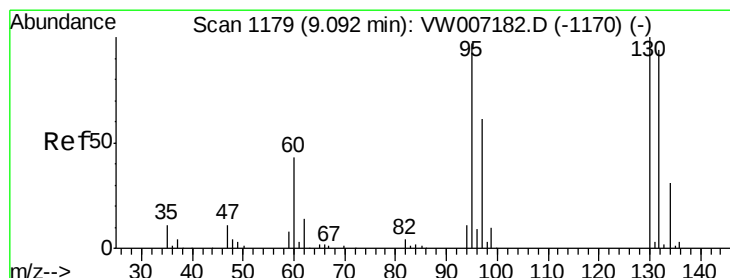
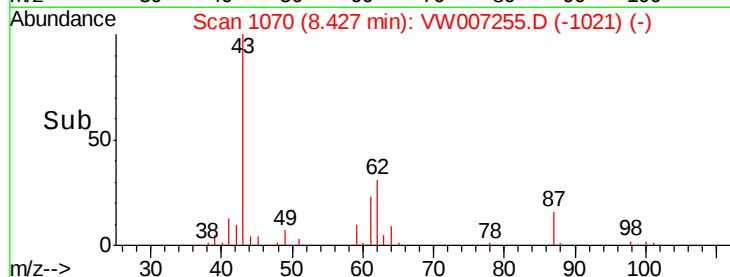
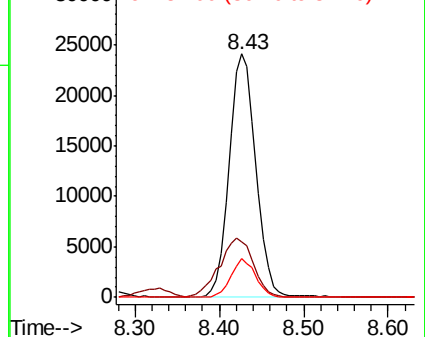
43 100

61 31.4 25.4 38.0

87 14.8 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: 48.370 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. -0.00 min

Lab File: VW007255.D

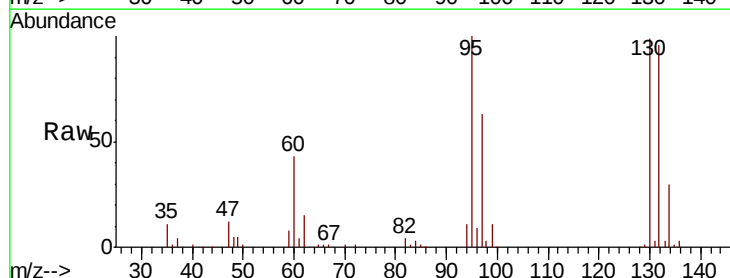
Acq: 06 Dec 2018 02:49

Tgt Ion: 130 Resp: 54006

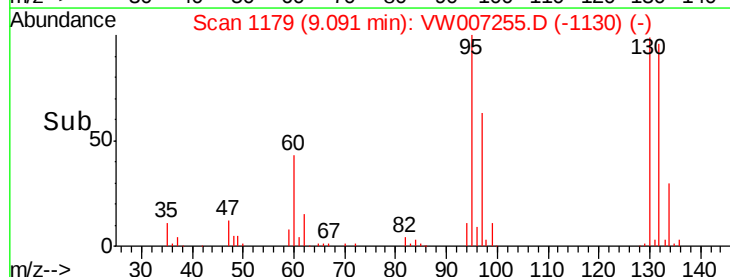
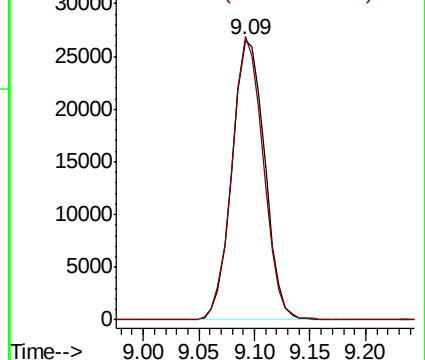
Ion Ratio Lower Upper

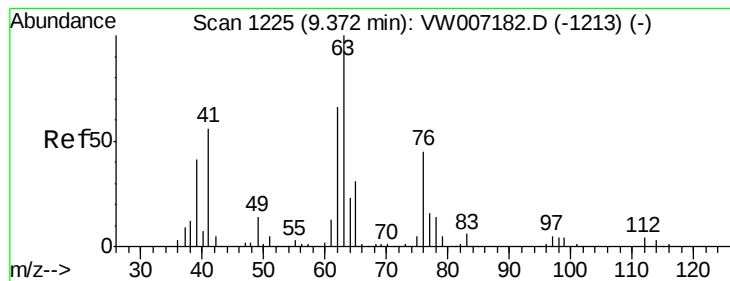
130 100

95 101.2 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: 48.300 ug/l

RT: 9.37 min Scan# 1225

Delta R.T. -0.00 min

Lab File: VW007255.D

Acq: 06 Dec 2018 02:49

Instrument :

MSVOA_W

ClientSampleId :

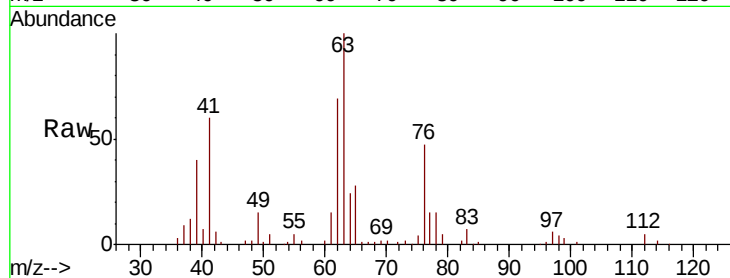
VSTDCCC050

Tot Ion: 63 Resp: 44645

Ion Ratio Lower Upper

63 100

65 27.9 25.0 37.4



Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 64.90 (64.60 to 65.60): VW

9.37

25000

20000

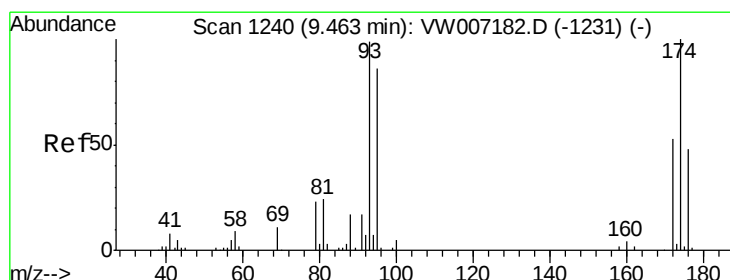
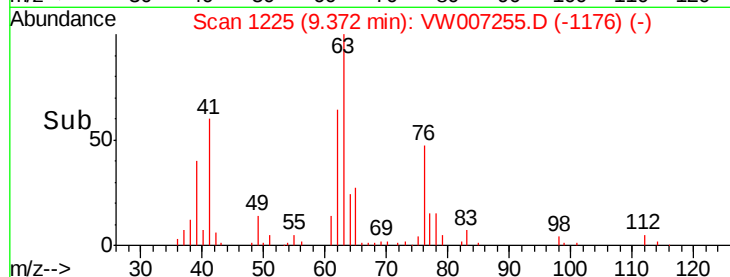
15000

10000

5000

0

Time-->



#46

Dibromomethane

Concen: 50.530 ug/l

RT: 9.46 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VW007255.D

Acq: 06 Dec 2018 02:49

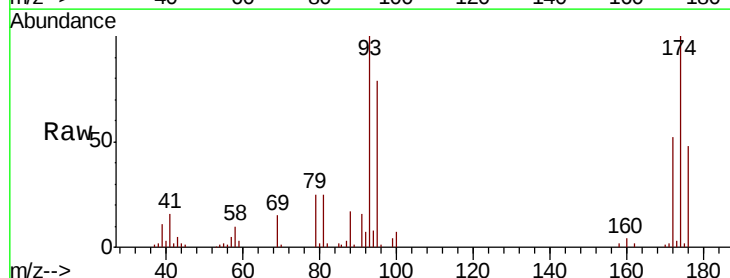
Tgt Ion: 93 Resp: 24270

Ion Ratio Lower Upper

93 100

95 82.7 68.7 103.1

174 100.6 82.9 124.3



Abundance Ion 92.80 (92.50 to 93.50): VW

Ion 94.80 (94.50 to 95.50): VW

Ion 173.70 (173.40 to 174.40): V

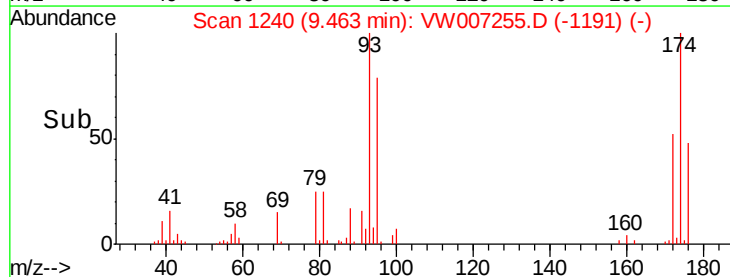
15000

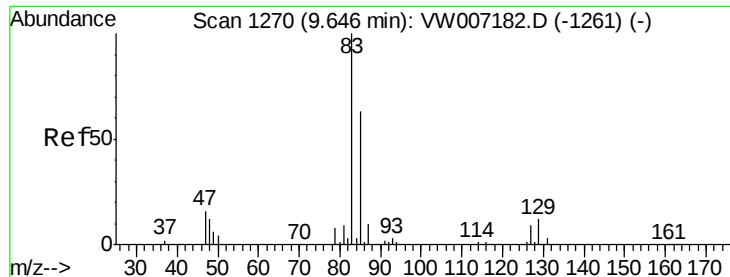
10000

5000

0

Time-->





#47

Bromodichloromethane

Concen: 50.756 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. -0.00 min

Lab File: VW007255.D

Acq: 06 Dec 2018 02:49

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

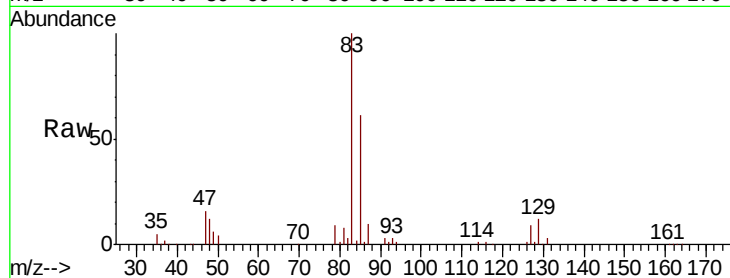
Tot Ion: 83 Resp: 64127

Ion Ratio Lower Upper

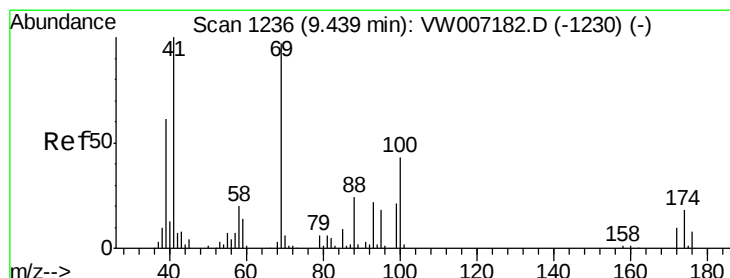
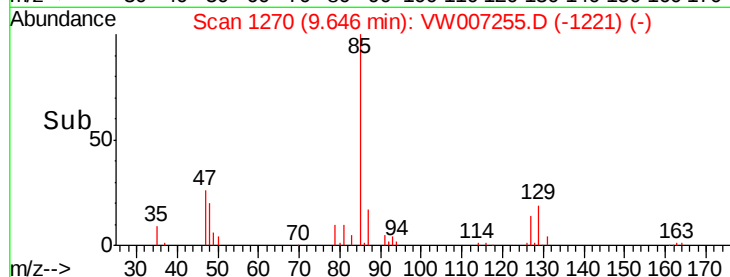
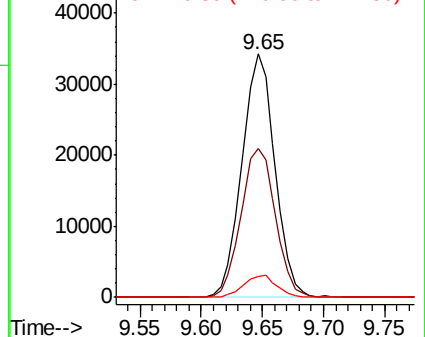
83 100

85 61.3 50.6 76.0

127 8.8 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): VW



#48

Methyl methacrylate

Concen: 48.558 ug/l

RT: 9.44 min Scan# 1236

Delta R.T. -0.00 min

Lab File: VW007255.D

Acq: 06 Dec 2018 02:49

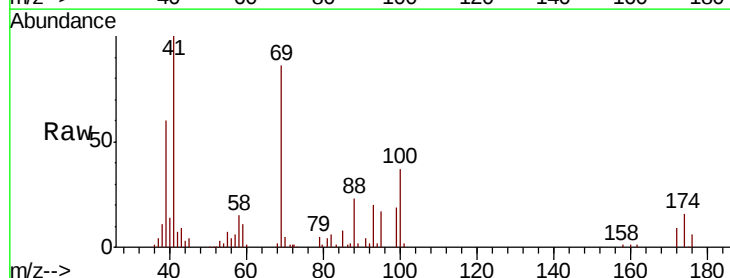
Tgt Ion: 41 Resp: 25647

Ion Ratio Lower Upper

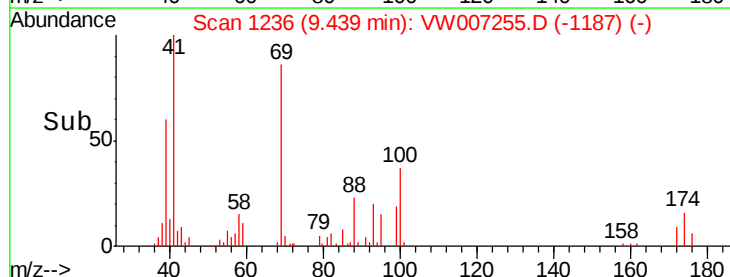
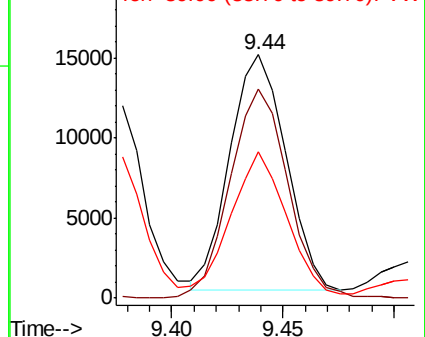
41 100

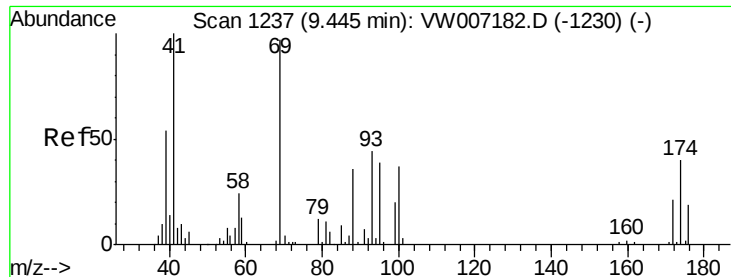
69 92.6 69.6 104.4

39 59.7 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: 1088.965 ug/l

RT: 9.45 min Scan# 1238

Delta R.T. 0.01 min

Lab File: VW007255.D

Acq: 06 Dec 2018 02:49

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

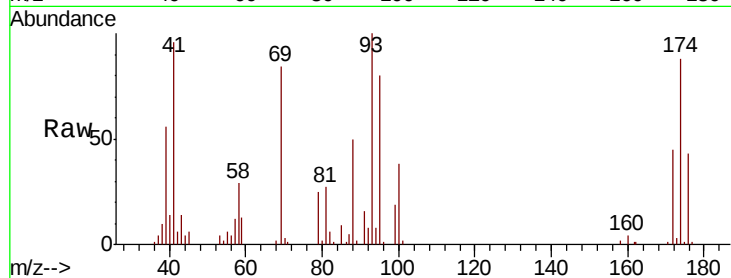
Tot Ion: 88 Resp: 9137

Ion Ratio Lower Upper

88 100

43 31.4 25.8 38.8

58 65.9 58.9 88.3

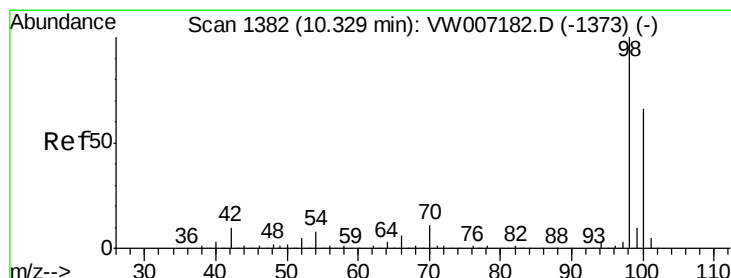
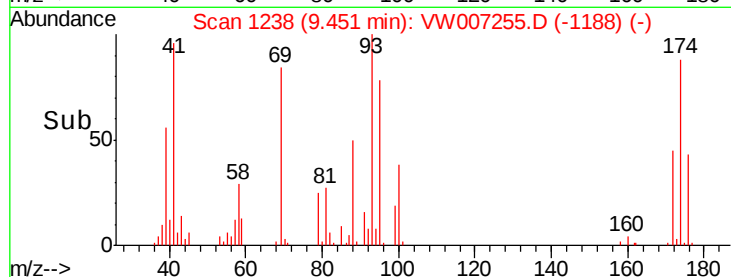
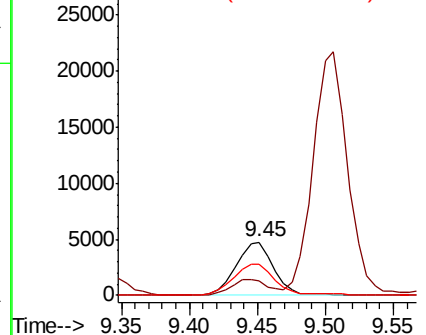


Abundance

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: 53.265 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. -0.00 min

Lab File: VW007255.D

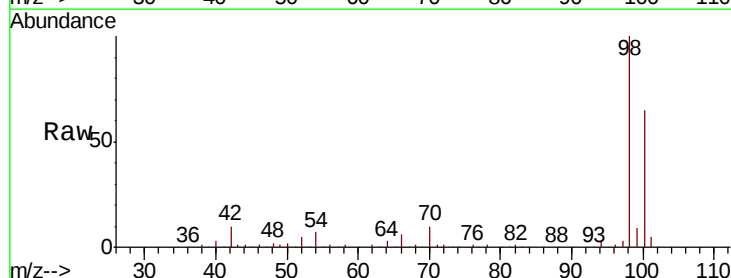
Acq: 06 Dec 2018 02:49

Tgt Ion: 98 Resp: 200007

Ion Ratio Lower Upper

98 100

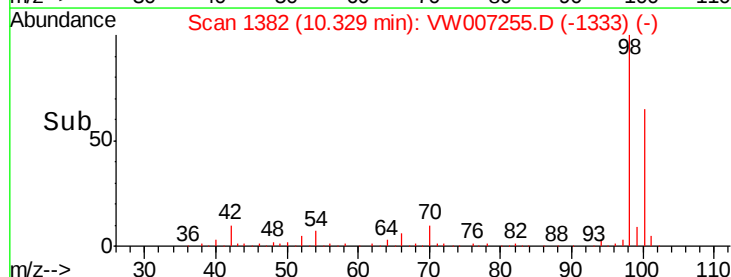
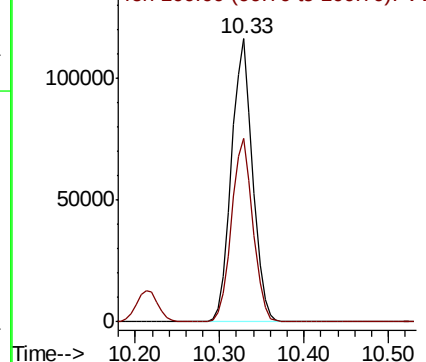
100 65.5 52.7 79.1

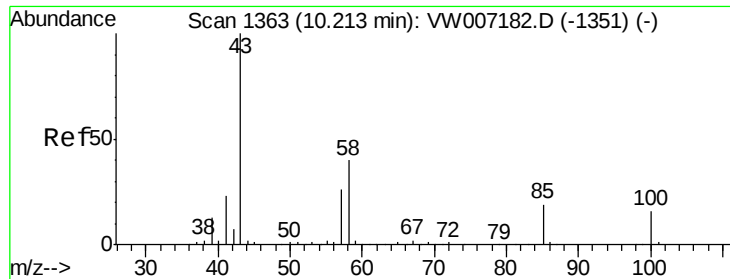


Abundance

Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW





#51

4-Methyl-2-Pentanone

Concen: 266.838 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. -0.00 min

Lab File: VW007255.D

Acq: 06 Dec 2018 02:49

Instrument :

MSVOA_W

ClientSampleId :

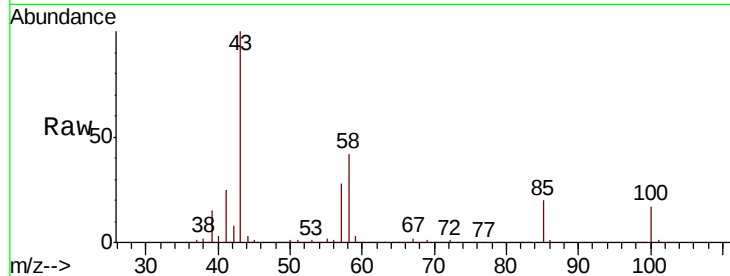
VSTDCCC050

Tot Ion: 43 Resp: 133821

Ion Ratio Lower Upper

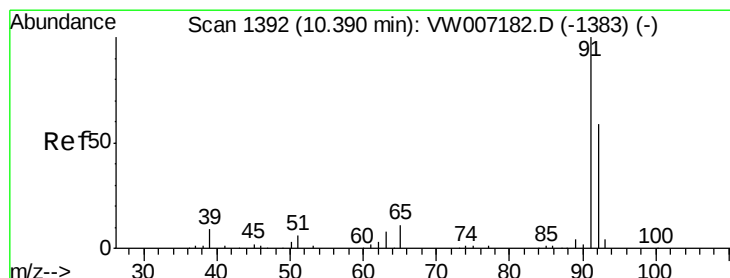
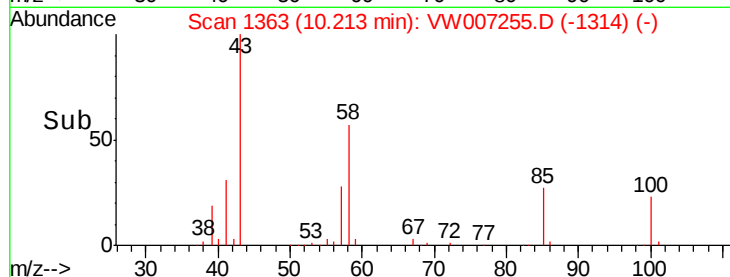
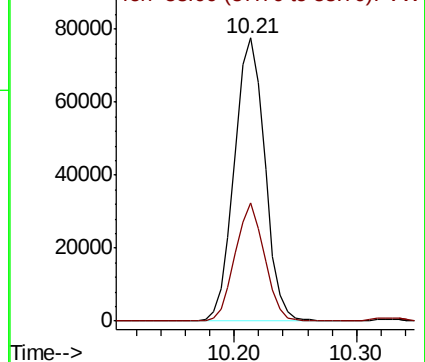
43 100

58 40.2 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: 48.370 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW007255.D

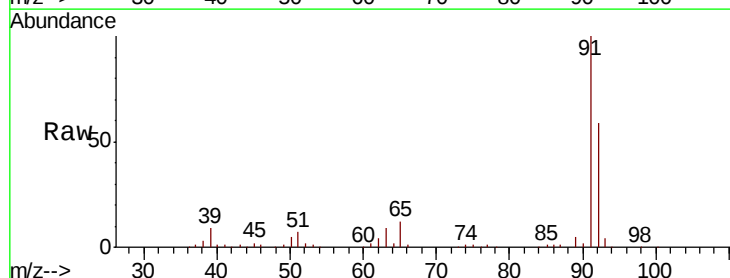
Acq: 06 Dec 2018 02:49

Tgt Ion: 92 Resp: 133648

Ion Ratio Lower Upper

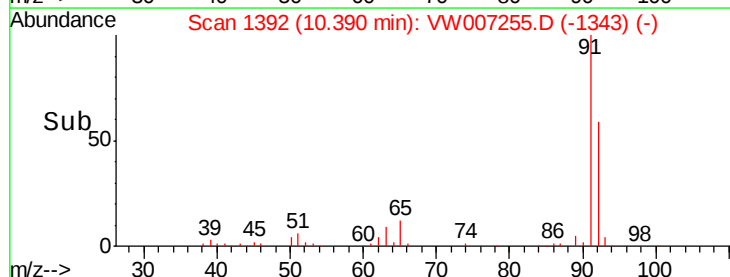
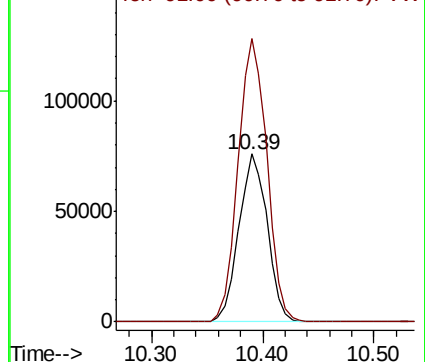
92 100

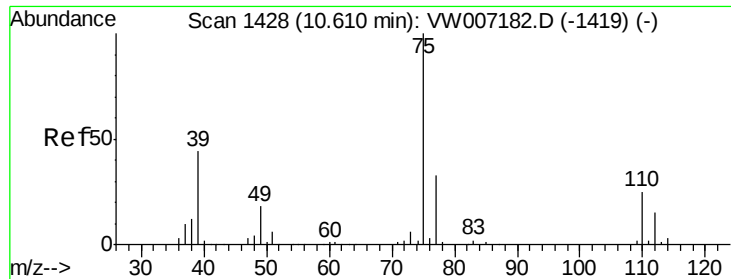
91 171.6 136.0 204.0



Abundance Ion 92.00 (91.70 to 92.70): VW

Ion 91.00 (90.70 to 91.70): VW

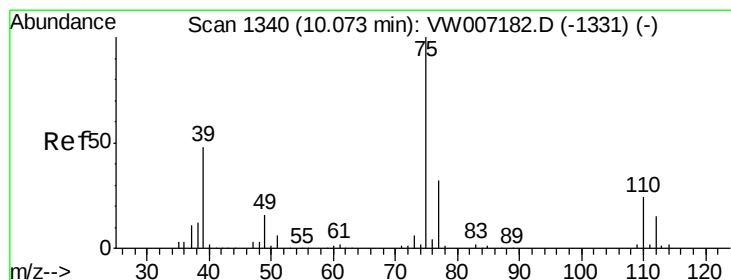
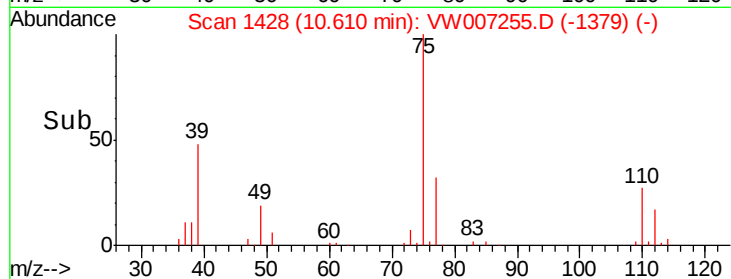
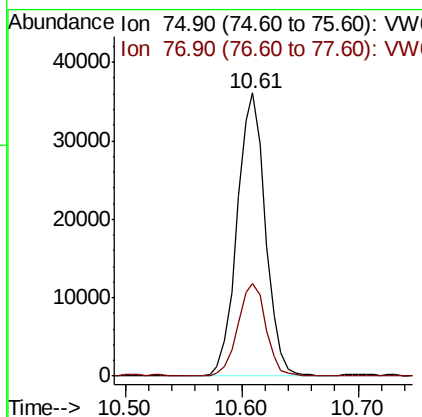
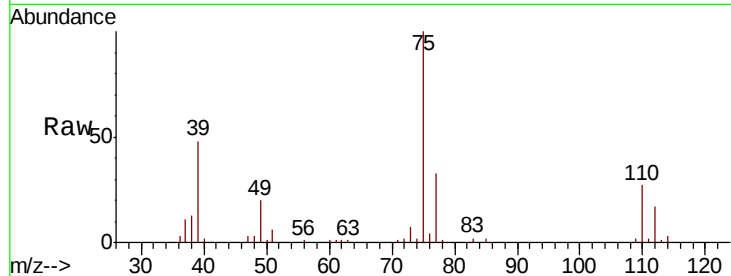




#53
t-1,3-Dichloropropene
Concen: 48.112 ug/l
RT: 10.61 min Scan# 1428
Delta R.T. -0.00 min
Lab File: VW007255.D
Acq: 06 Dec 2018 02:49

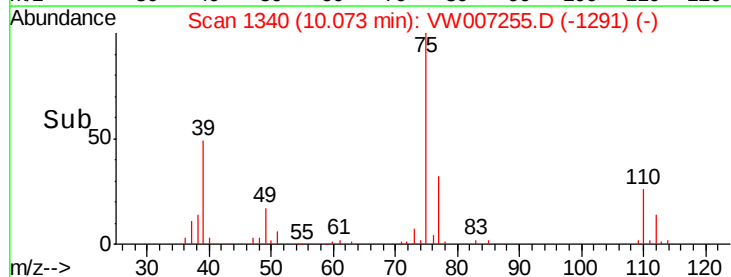
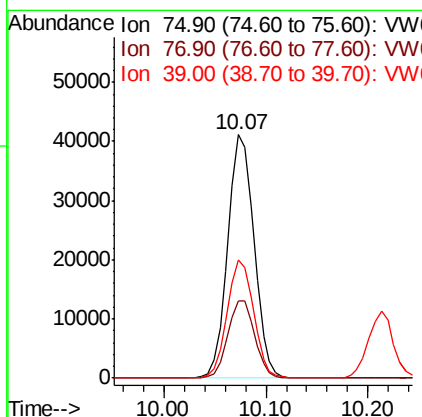
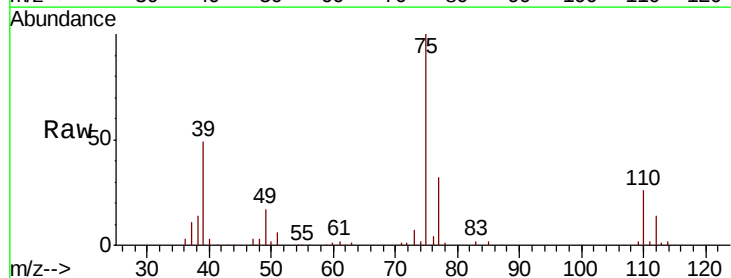
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

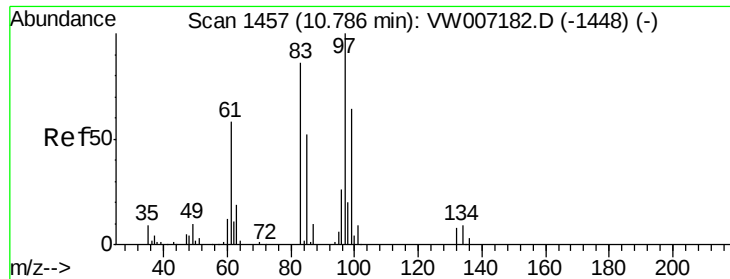
Tot Ion: 75 Resp: 61114
Ion Ratio Lower Upper
75 100
77 32.6 26.2 39.2



#54
cis-1,3-Dichloropropene
Concen: 49.205 ug/l
RT: 10.07 min Scan# 1340
Delta R.T. -0.00 min
Lab File: VW007255.D
Acq: 06 Dec 2018 02:49

Tgt Ion: 75 Resp: 73247
Ion Ratio Lower Upper
75 100
77 31.8 26.0 39.0
39 48.6 38.0 57.0



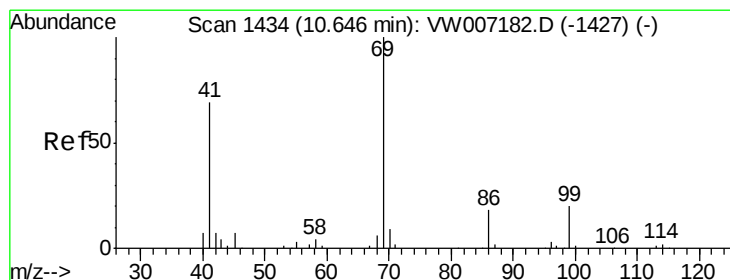
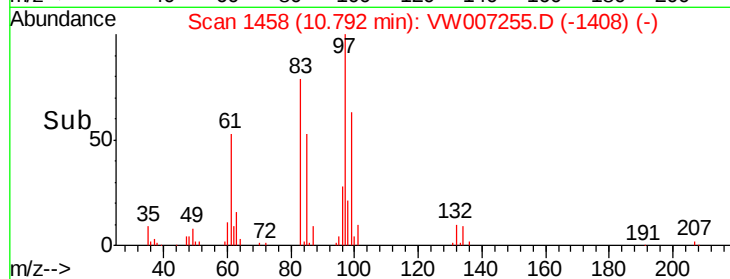
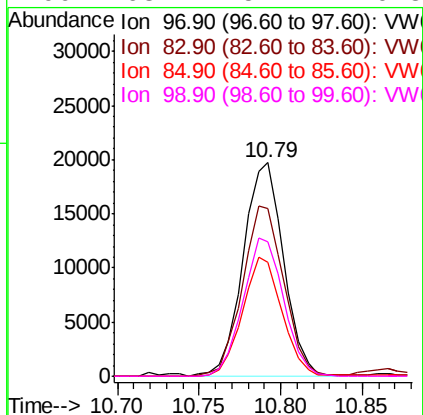
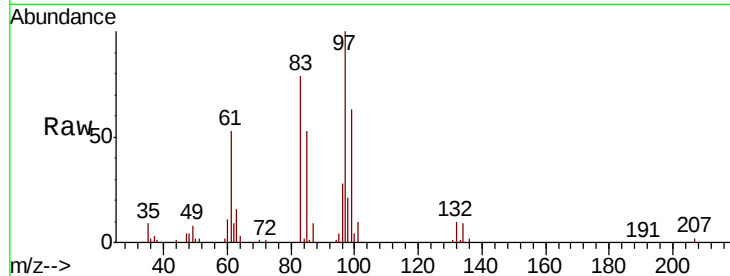


#55
 1,1,2-Trichloroethane
 Concen: 49.817 ug/l
 RT: 10.79 min Scan# 1458
 Delta R.T. 0.01 min
 Lab File: VW007255.D
 Acq: 06 Dec 2018 02:49

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion: 97 Resp: 34035

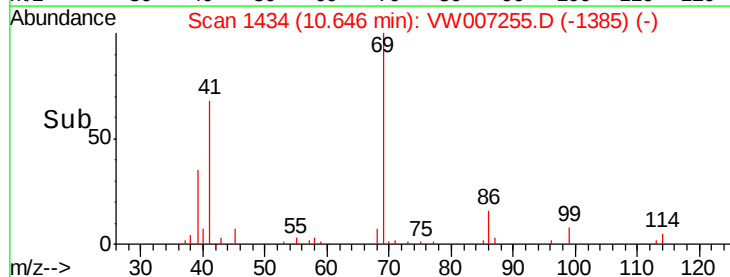
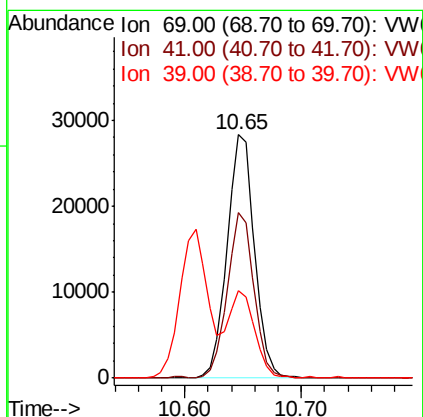
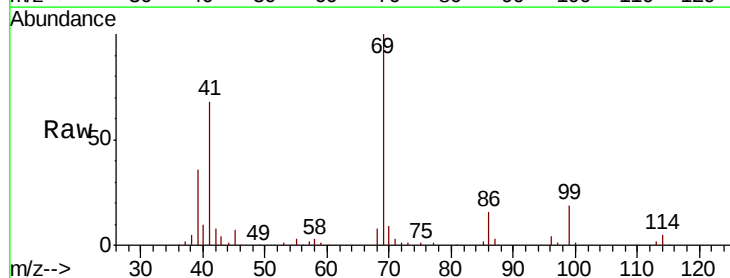
Ion	Ratio	Lower	Upper
97	100		
83	78.7	68.6	102.8
85	53.4	41.4	62.2
99	63.1	51.2	76.8

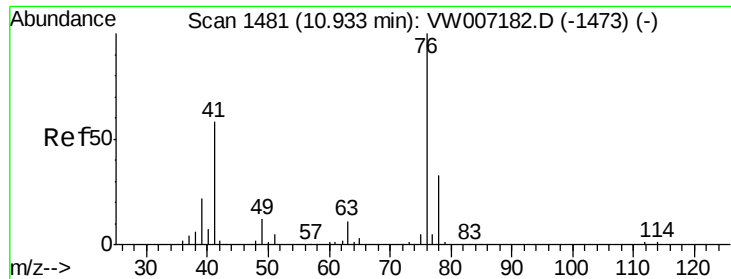


#56
 Ethyl methacrylate
 Concen: 51.935 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: VW007255.D
 Acq: 06 Dec 2018 02:49

Tgt Ion: 69 Resp: 46284

Ion	Ratio	Lower	Upper
69	100		
41	65.6	51.8	77.6
39	35.1	28.7	43.1

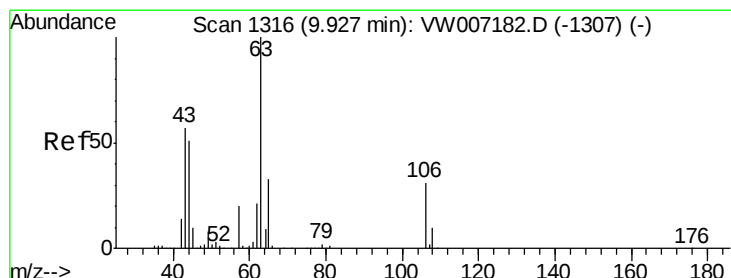
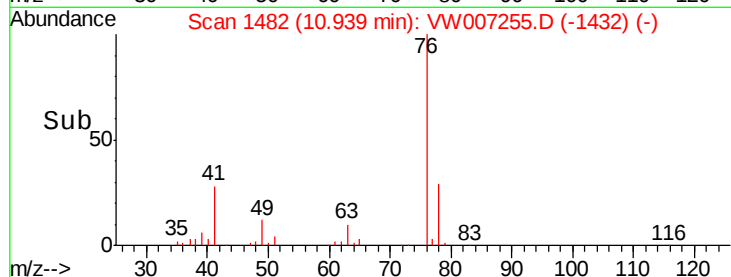
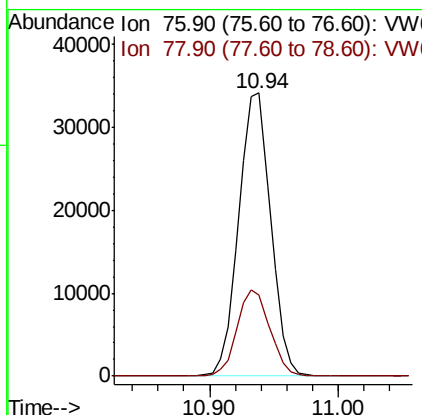
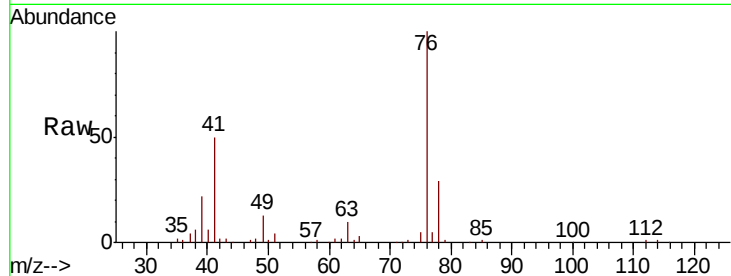




#57
 1,3-Dichloropropane
 Concen: 50.953 ug/l
 RT: 10.94 min Scan# 1482
 Delta R.T. 0.01 min
 Lab File: VW007255.D
 Acq: 06 Dec 2018 02:49

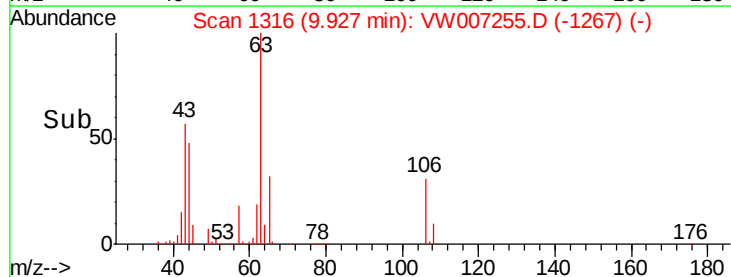
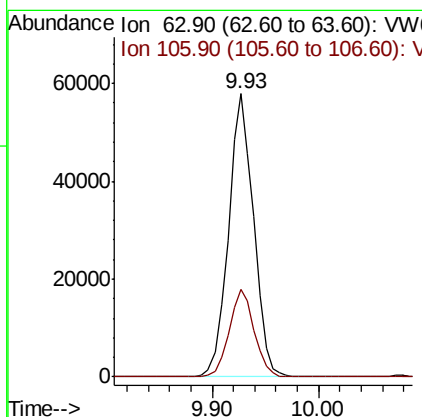
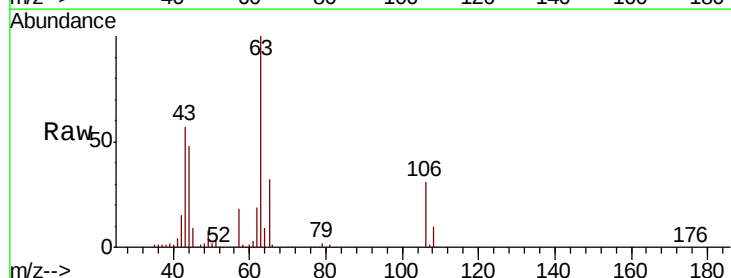
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

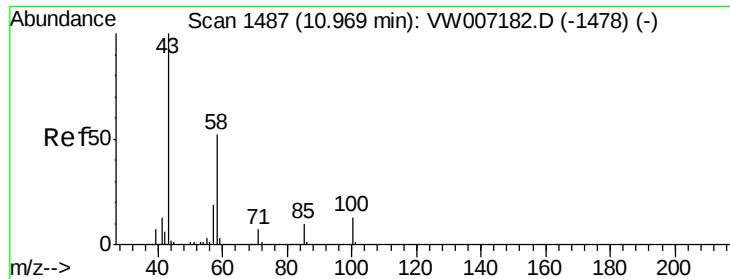
Tot Ion: 76 Resp: 58772
 Ion Ratio Lower Upper
 76 100
 78 31.4 26.6 40.0



#58
 2-Chloroethyl Vinyl ether
 Concen: 266.062 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VW007255.D
 Acq: 06 Dec 2018 02:49

Tgt Ion: 63 Resp: 95240
 Ion Ratio Lower Upper
 63 100
 106 30.5 24.1 36.1

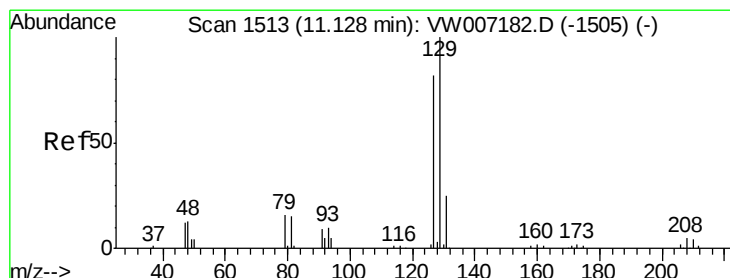
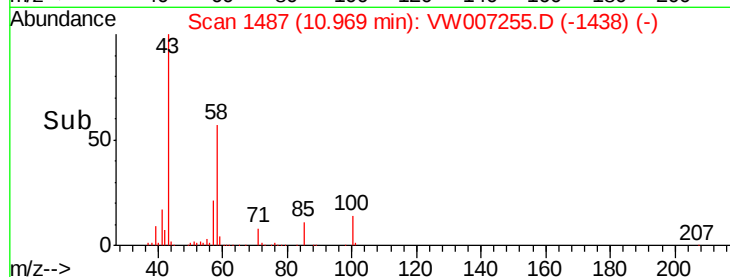
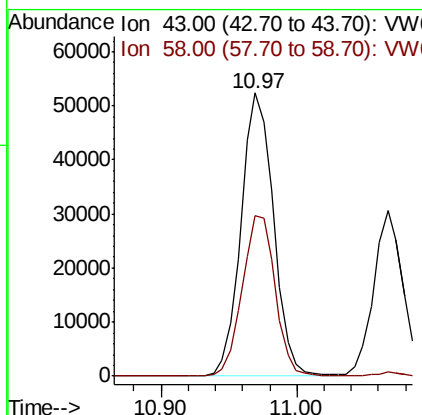
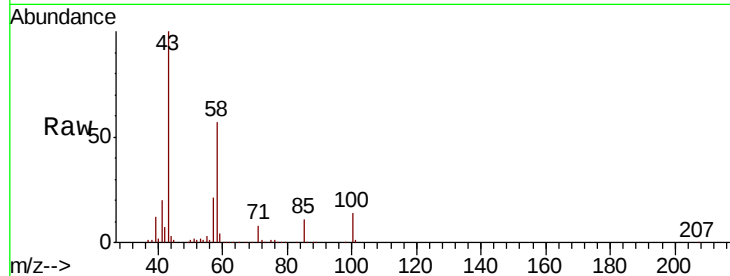




#59
2-Hexanone
Concen: 241.185 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VW007255.D
Acq: 06 Dec 2018 02:49

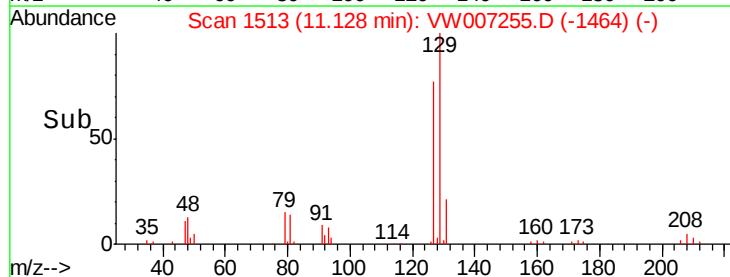
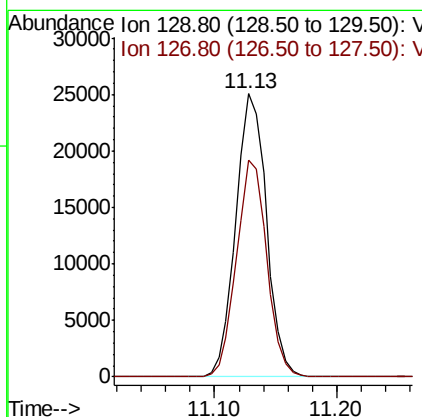
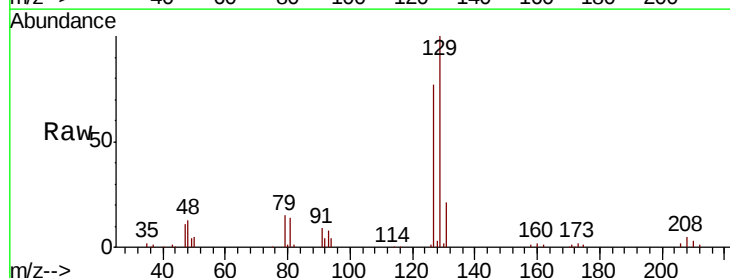
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

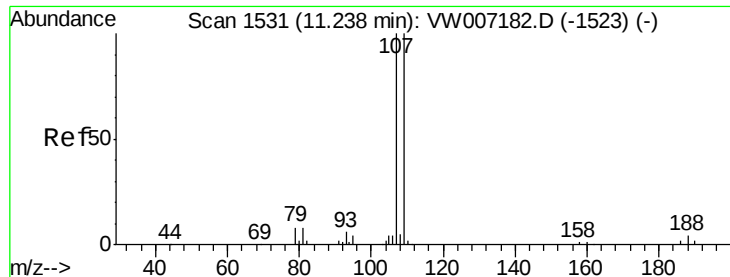
Tot Ion: 43 Resp: 87683
Ion Ratio Lower Upper
43 100
58 57.4 28.1 84.4



#60
Dibromochloromethane
Concen: 51.931 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW007255.D
Acq: 06 Dec 2018 02:49

Tgt Ion: 129 Resp: 43606
Ion Ratio Lower Upper
129 100
127 75.5 39.8 119.4





#61

1,2-Dibromoethane

Concen: 50.773 ug/l

RT: 11.24 min Scan# 1531

Delta R.T. -0.00 min

Lab File: VW007255.D

Acq: 06 Dec 2018 02:49

Instrument :

MSVOA_W

ClientSampleId :

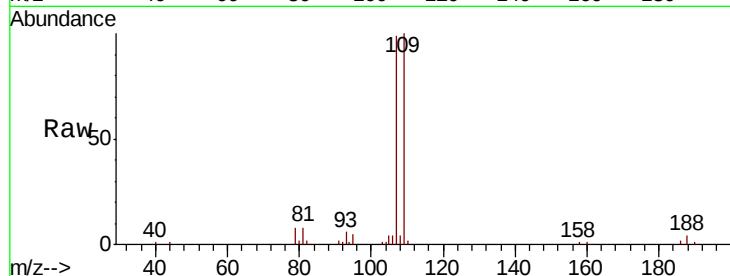
VSTDCCC050

Tot Ion:107 Resp: 33271

Ion Ratio Lower Upper

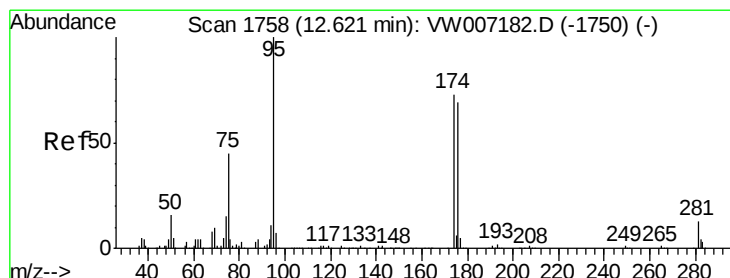
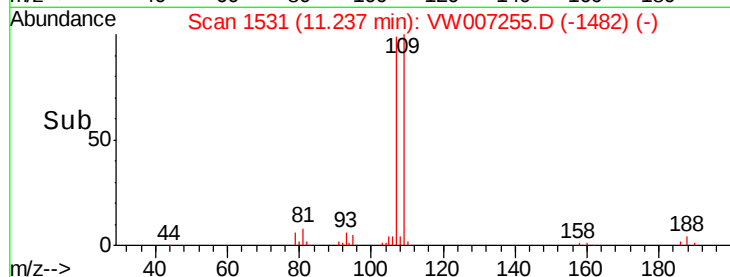
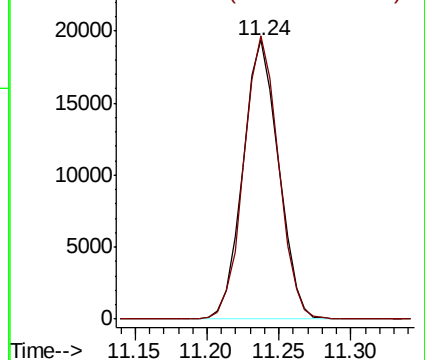
107 100

109 98.7 77.3 115.9



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 52.213 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW007255.D

Acq: 06 Dec 2018 02:49

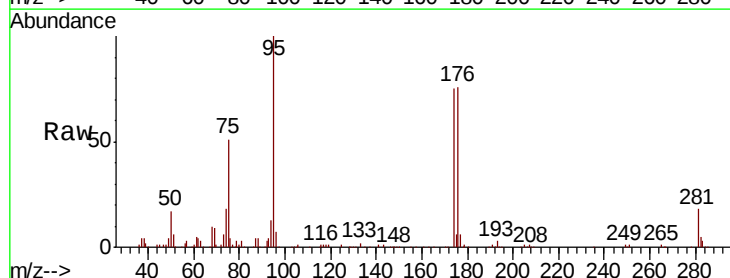
Tgt Ion: 95 Resp: 74001

Ion Ratio Lower Upper

95 100

174 74.5 0.0 148.0

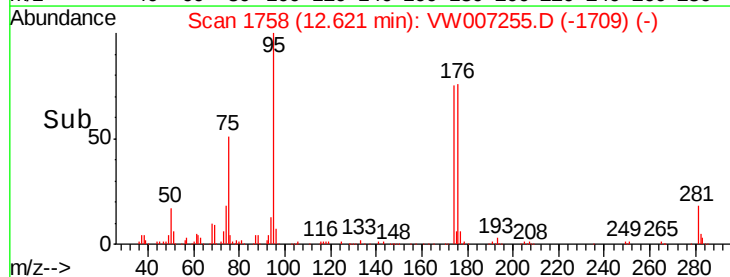
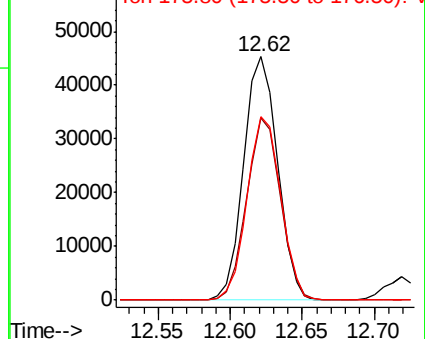
176 74.8 0.0 139.4



Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

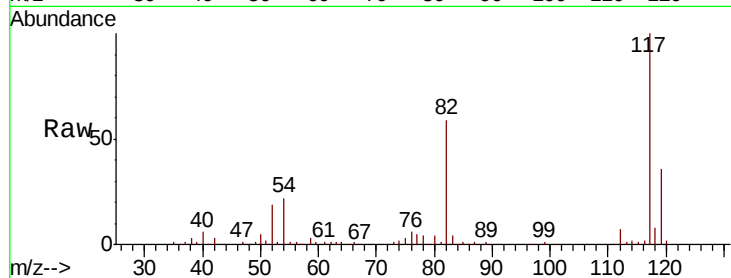




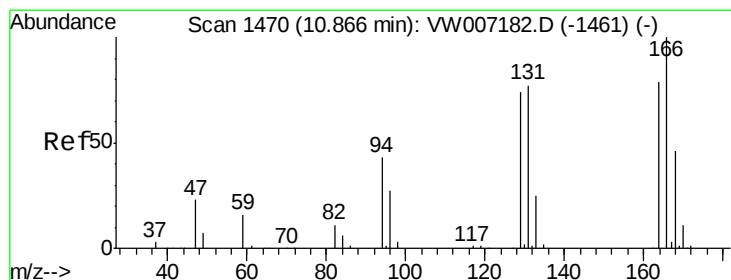
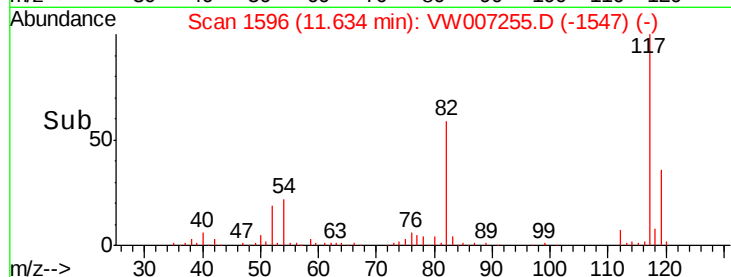
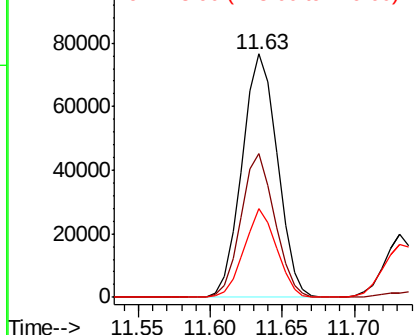
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW007255.D
Acq: 06 Dec 2018 02:49

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion:117 Resp: 130699
Ion Ratio Lower Upper
117 100
82 59.1 47.4 71.2
119 36.3 26.8 40.2

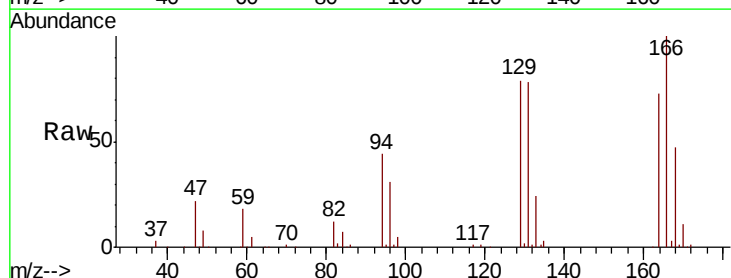


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VW
Ion 118.90 (118.60 to 119.60): V

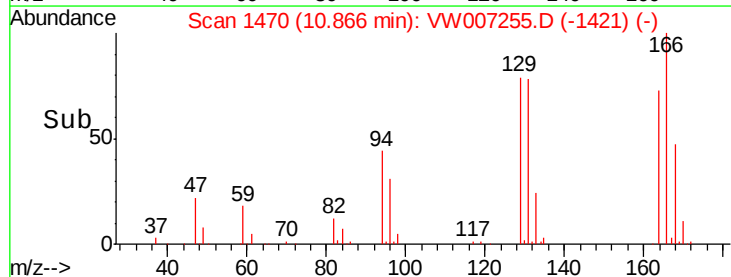
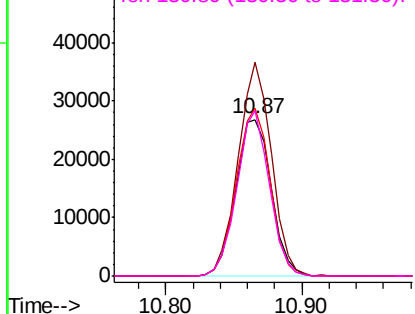


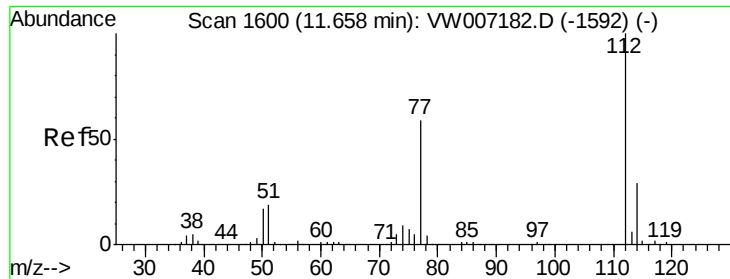
#64
Tetrachloroethene
Concen: 51.261 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VW007255.D
Acq: 06 Dec 2018 02:49

Tgt Ion:164 Resp: 48949
Ion Ratio Lower Upper
164 100
166 136.4 101.0 151.4
129 107.1 74.6 111.8
131 105.8 77.6 116.4



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

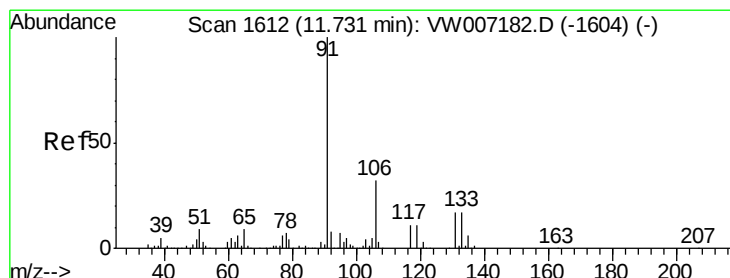
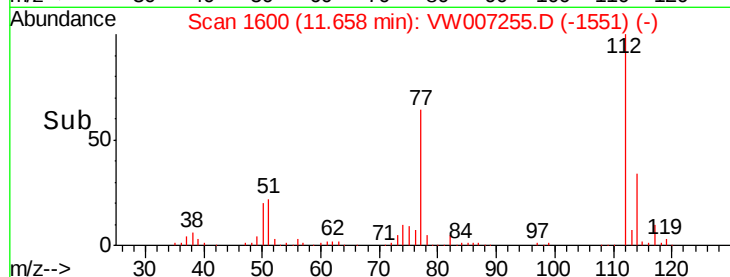
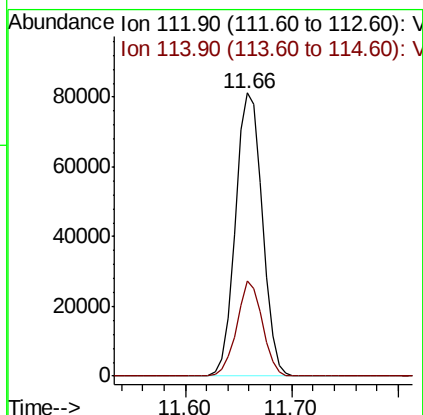
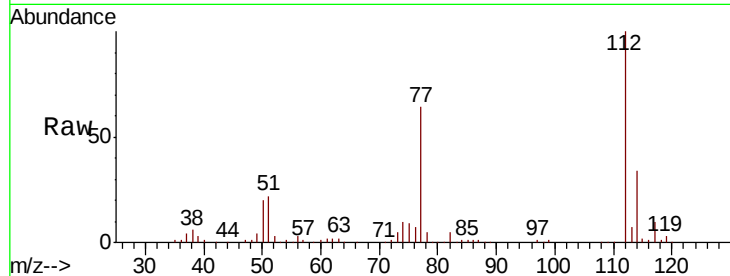




#65
Chlorobenzene
Concen: 49.323 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW007255.D
Acq: 06 Dec 2018 02:49

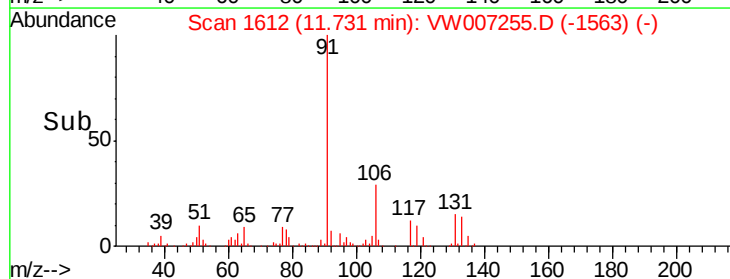
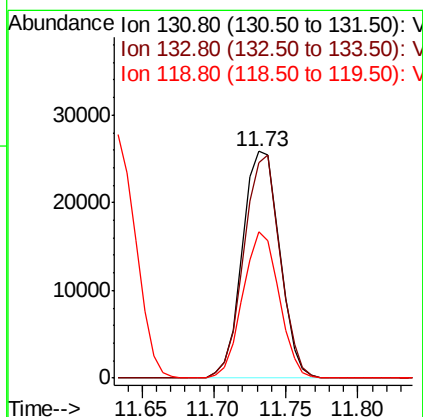
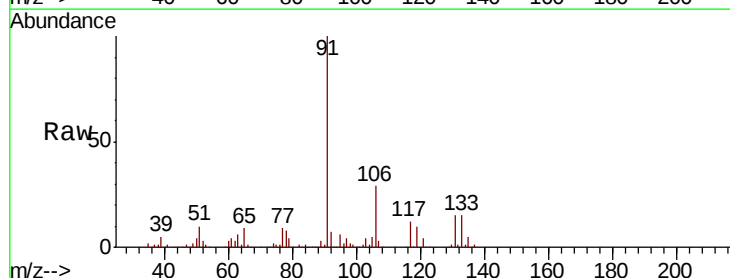
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion:112 Resp: 143972
Ion Ratio Lower Upper
112 100
114 33.7 23.0 34.4



#66
1,1,1,2-Tetrachloroethane
Concen: 51.539 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW007255.D
Acq: 06 Dec 2018 02:49

Tgt Ion:131 Resp: 46462
Ion Ratio Lower Upper
131 100
133 95.4 48.0 144.2
119 62.8 32.8 98.4

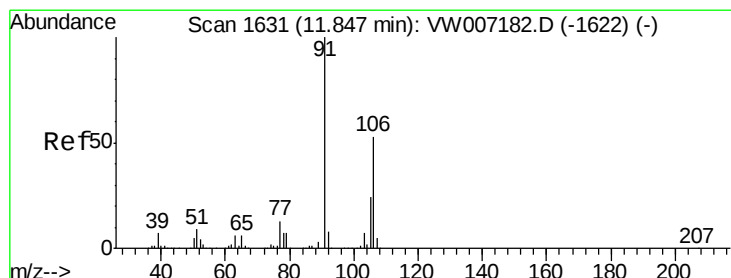
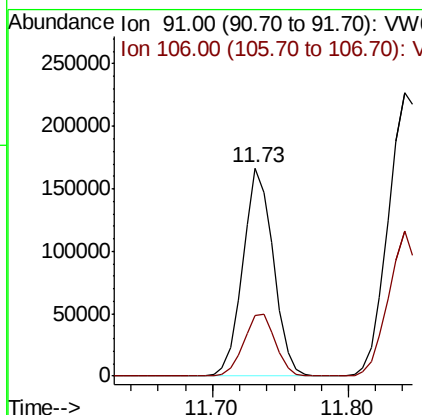
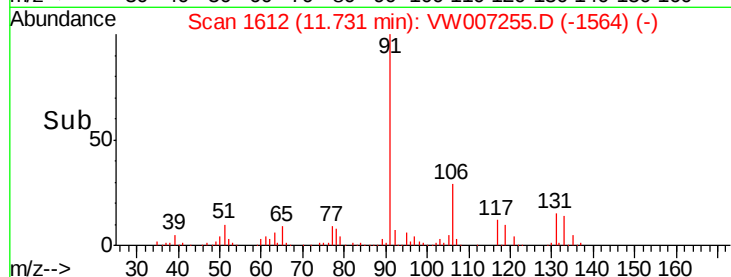
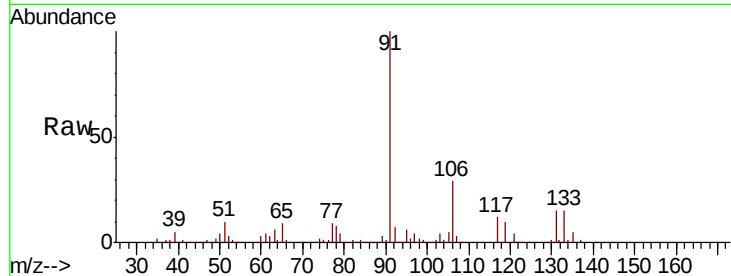




#67
Ethyl Benzene
Concen: 49.048 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.01 min
Lab File: VW007255.D
Acq: 06 Dec 2018 02:49

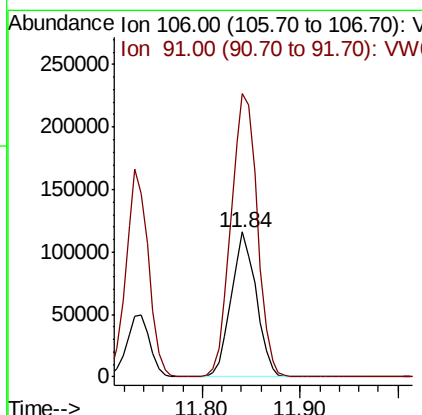
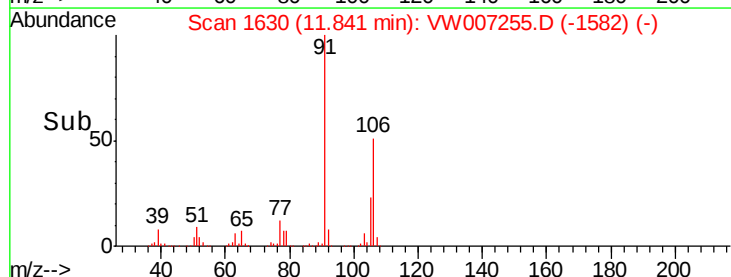
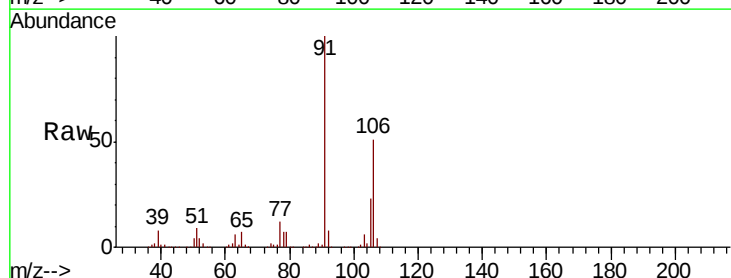
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 260945
Ion Ratio Lower Upper
91 100
106 28.9 26.0 39.0



#68
m/p-Xylenes
Concen: 98.958 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.01 min
Lab File: VW007255.D
Acq: 06 Dec 2018 02:49

Tgt Ion: 106 Resp: 206537
Ion Ratio Lower Upper
106 100
91 204.8 160.2 240.4

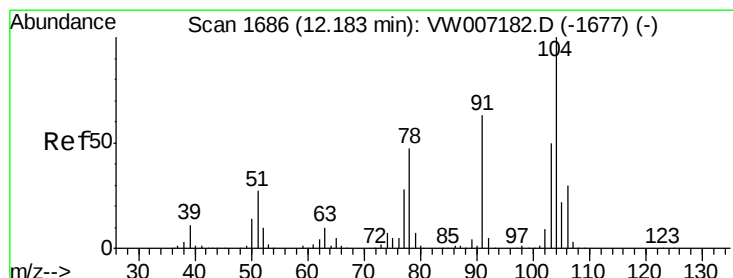
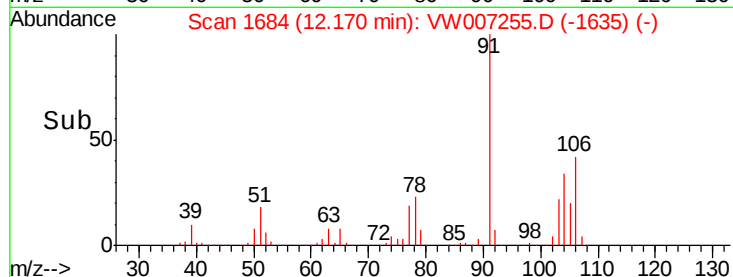
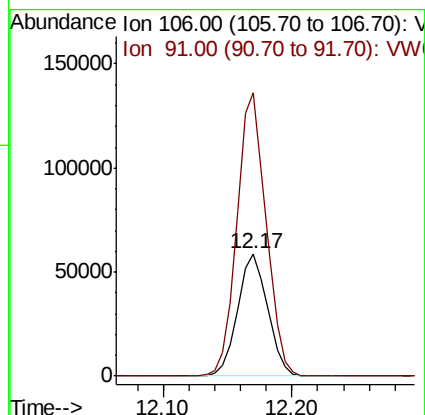
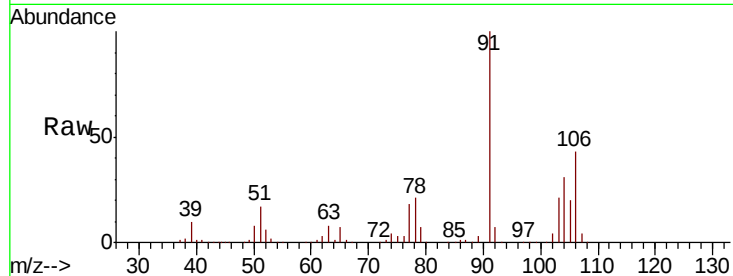




#69
o-Xylene
Concen: 48.510 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW007255.D
Acq: 06 Dec 2018 02:49

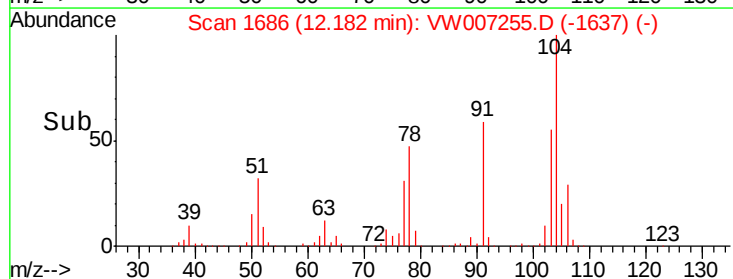
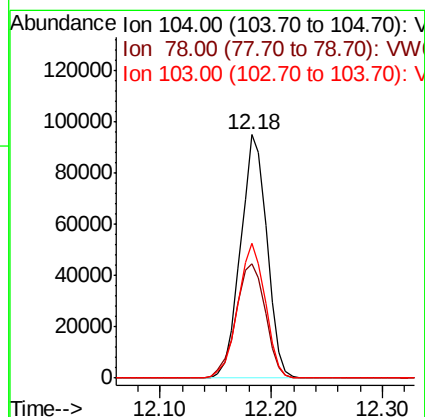
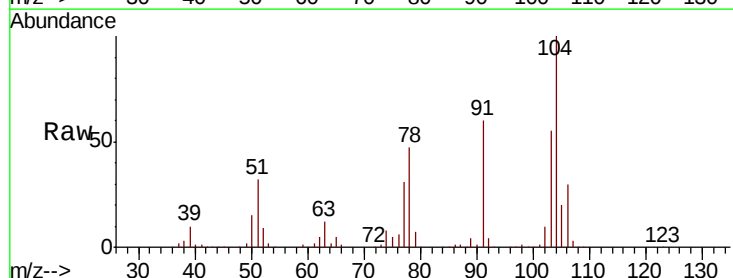
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

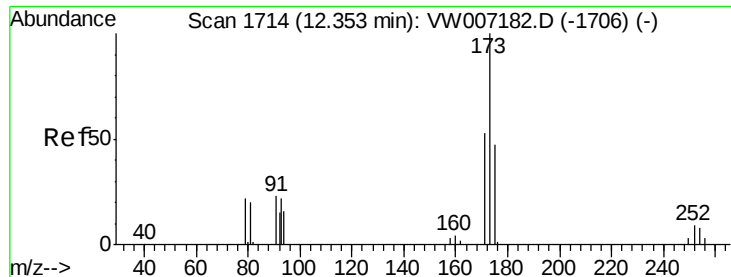
Tot Ion:106 Resp: 94594
Ion Ratio Lower Upper
106 100
91 225.5 104.9 314.7



#70
Styrene
Concen: 48.743 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW007255.D
Acq: 06 Dec 2018 02:49

Tgt Ion:104 Resp: 155591
Ion Ratio Lower Upper
104 100
78 52.7 40.6 60.8
103 57.5 43.0 64.4





#71

Bromoform

Concen: 52.542 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. -0.00 min

Lab File: VW007255.D

Acq: 06 Dec 2018 02:49

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

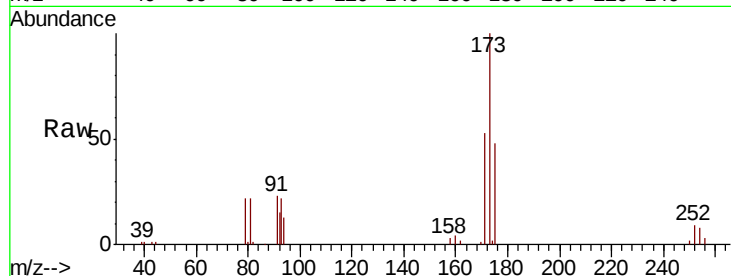
Tot Ion:173 Resp: 23711

Ion Ratio Lower Upper

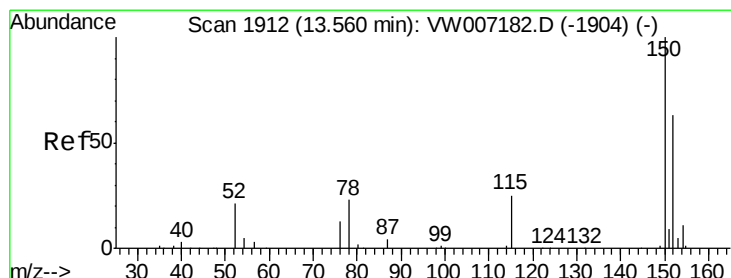
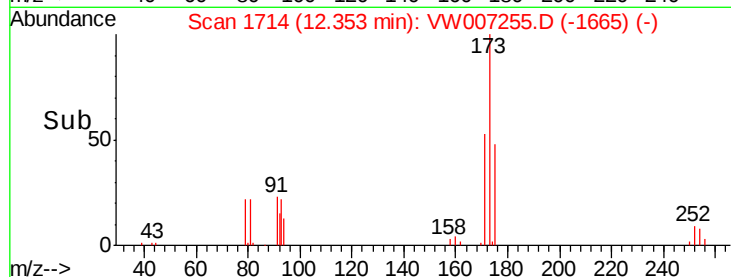
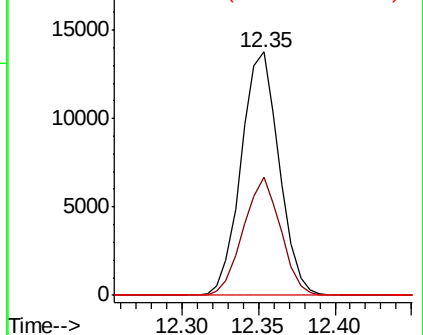
173 100

175 47.6 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: 13.56 min Scan# 1912

Delta R.T. -0.00 min

Lab File: VW007255.D

Acq: 06 Dec 2018 02:49

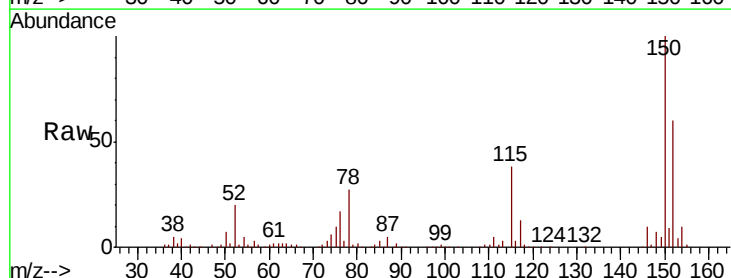
Tgt Ion:152 Resp: 65338

Ion Ratio Lower Upper

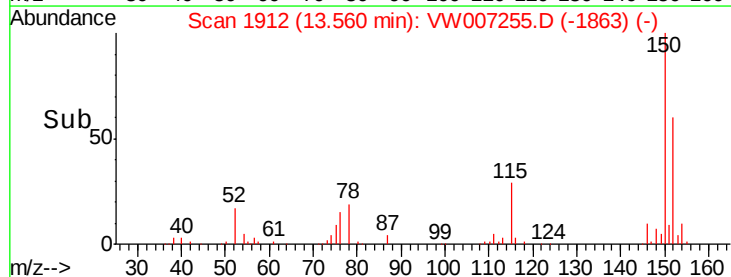
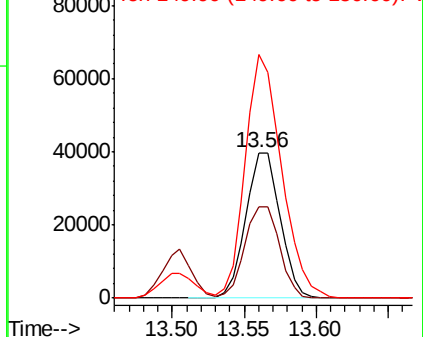
152 100

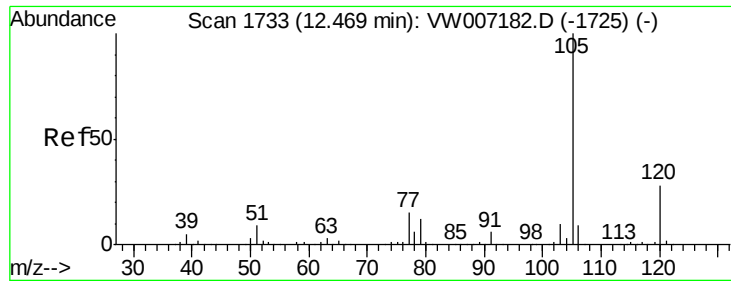
115 64.0 31.3 93.8

150 178.1 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: 48.503 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. -0.00 min

Lab File: VW007255.D

Acq: 06 Dec 2018 02:49

Instrument :

MSVOA_W

ClientSampleId :

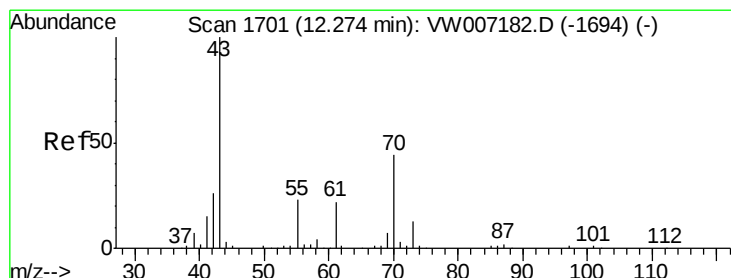
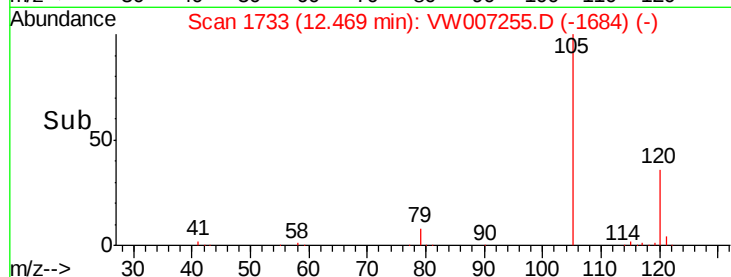
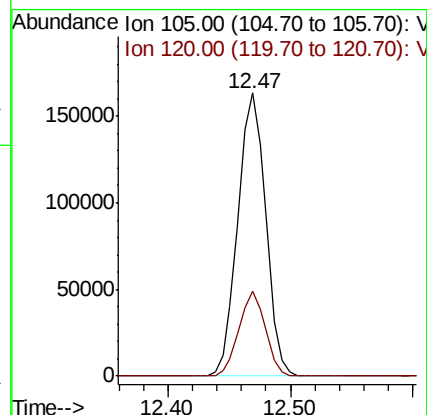
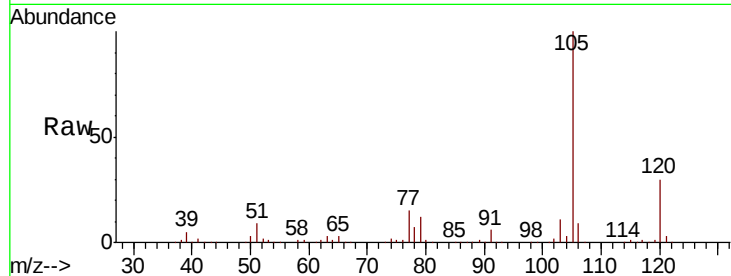
VSTDCCC050

Tot Ion:105 Resp: 257752

Ion Ratio Lower Upper

105 100

120 28.4 13.2 39.6



#74

N-ethyl acetate

Concen: 51.112 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. -0.00 min

Lab File: VW007255.D

Acq: 06 Dec 2018 02:49

Tgt Ion: 43 Resp: 48157

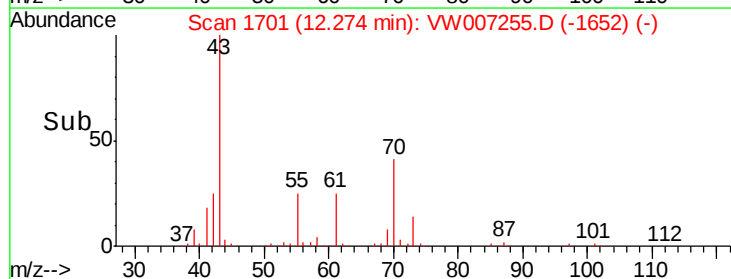
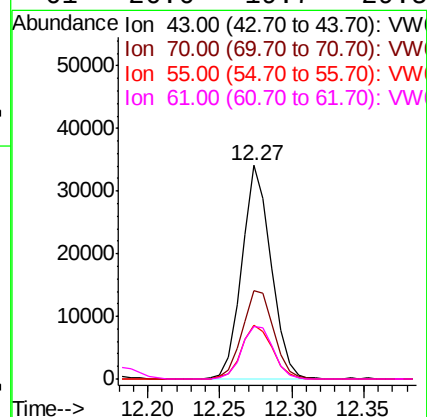
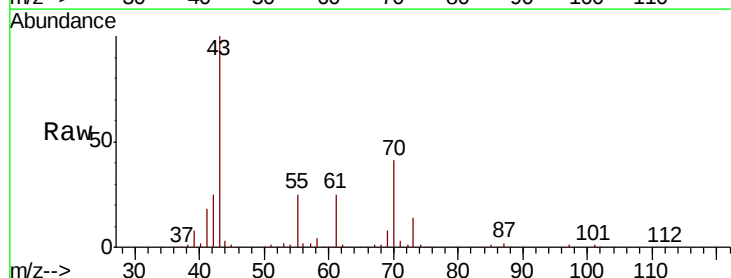
Ion Ratio Lower Upper

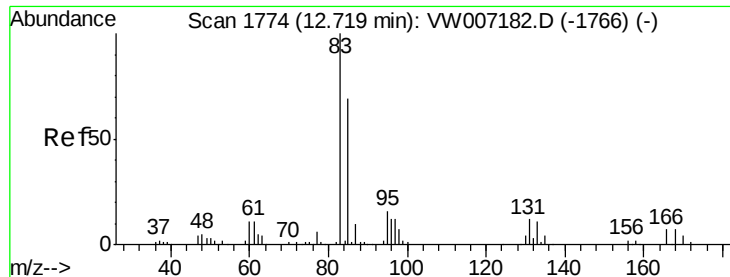
43 100

70 44.3 34.0 51.0

55 26.4 19.0 28.6

61 26.6 19.7 29.5

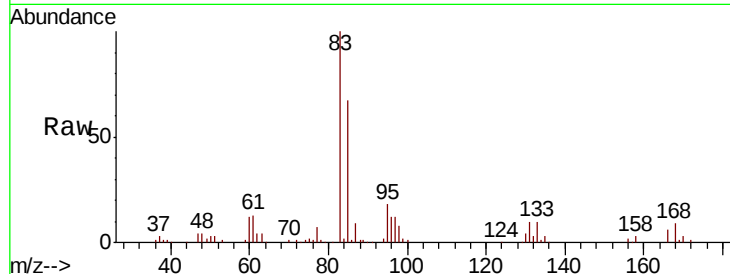




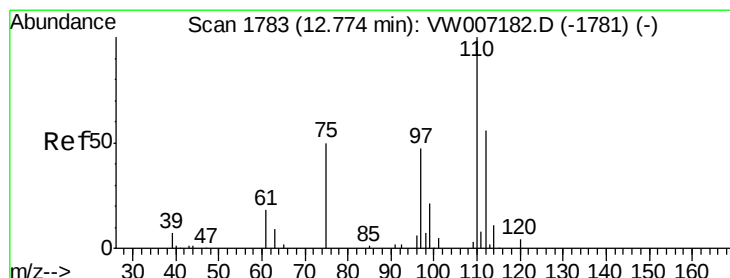
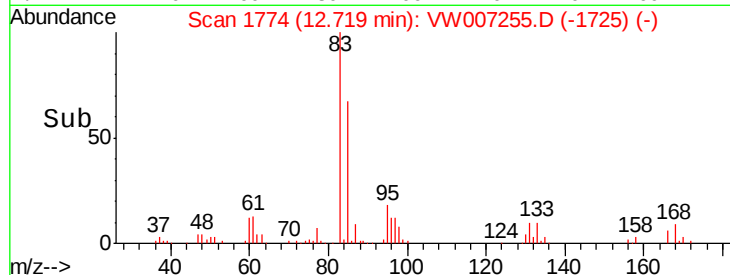
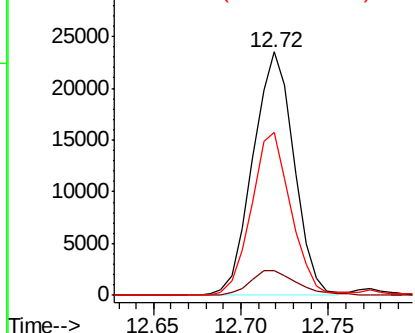
#75
 1,1,2,2-Tetrachloroethane
 Concen: 55.697 ug/l
 RT: 12.72 min Scan# 1774
 Delta R.T. -0.00 min
 Lab File: VW007255.D
 Acq: 06 Dec 2018 02:49

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	83	Resp	38440
Ion Ratio	Lower	Upper	
83	100		
131	11.7	6.0	18.1
85	64.2	33.0	99.0

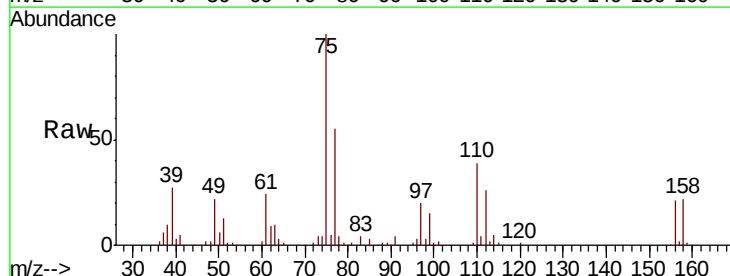


Abundance Ion 82.90 (82.60 to 83.60): VW
 Ion 130.80 (130.50 to 131.50): V
 Ion 84.90 (84.60 to 85.60): VW

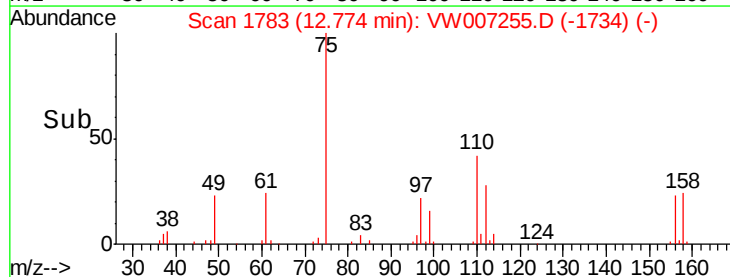
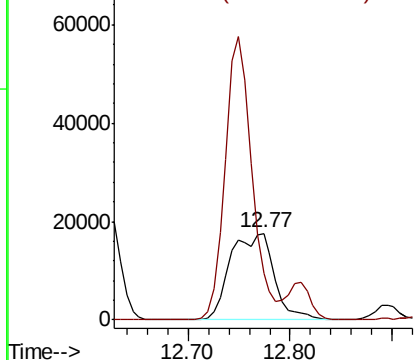


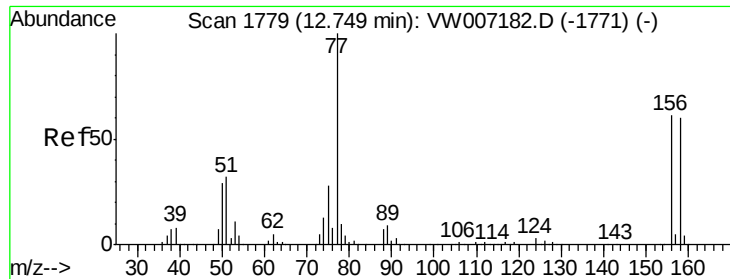
#76
 1,2,3-Trichloropropane
 Concen: 103.801 ug/l
 RT: 12.77 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VW007255.D
 Acq: 06 Dec 2018 02:49

Tgt Ion	75	Resp	52515
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: 50.898 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VW007255.D

Acq: 06 Dec 2018 02:49

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

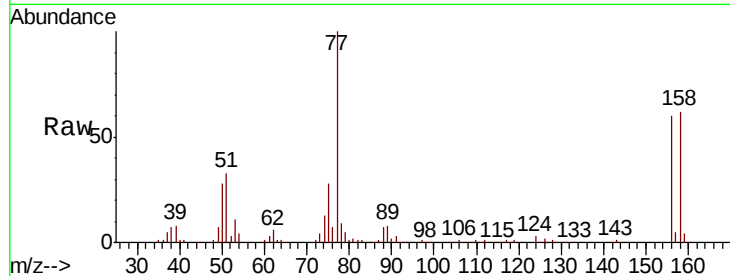
Tot Ion:156 Resp: 58384

Ion Ratio Lower Upper

156 100

77 179.3 92.0 276.1

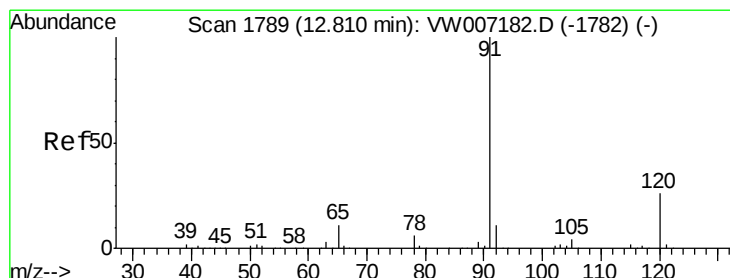
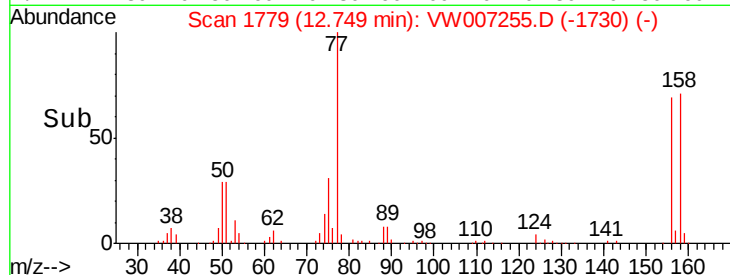
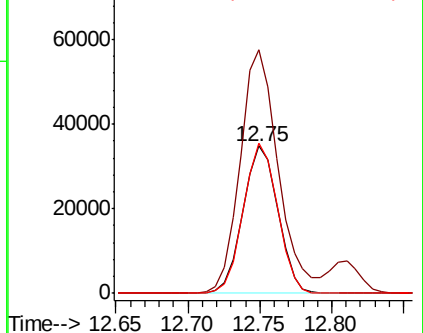
158 99.8 49.0 147.0



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: 47.523 ug/l

RT: 12.81 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VW007255.D

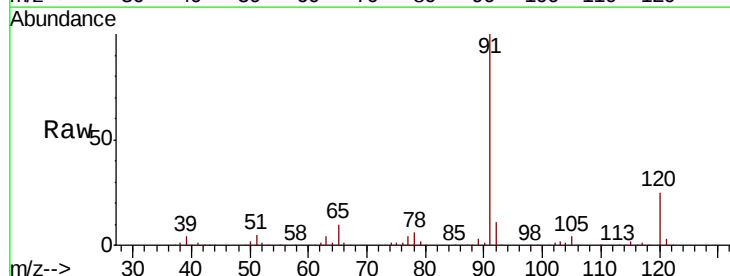
Acq: 06 Dec 2018 02:49

Tgt Ion: 91 Resp: 300874

Ion Ratio Lower Upper

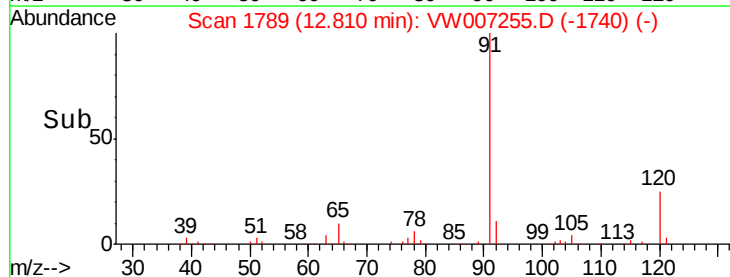
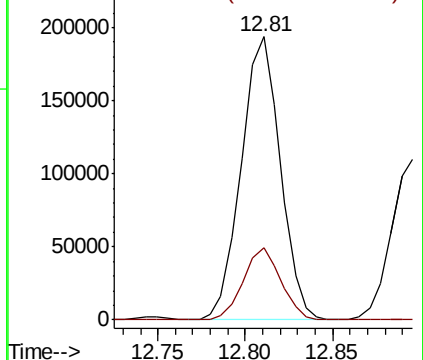
91 100

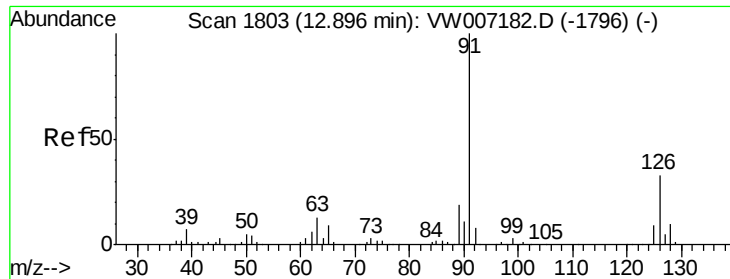
120 24.5 12.5 37.5



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 50.380 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VW007255.D

Acq: 06 Dec 2018 02:49

Instrument :

MSVOA_W

ClientSampleId :

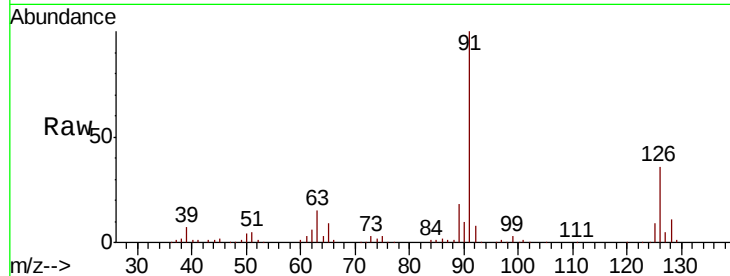
VSTDCCC050

Tot Ion: 91 Resp: 180118

Ion Ratio Lower Upper

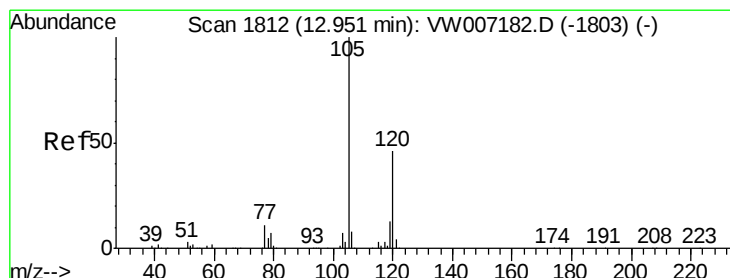
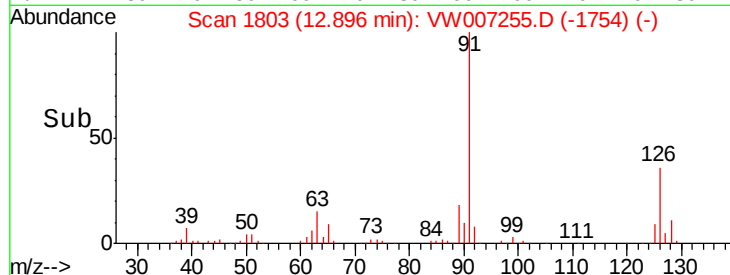
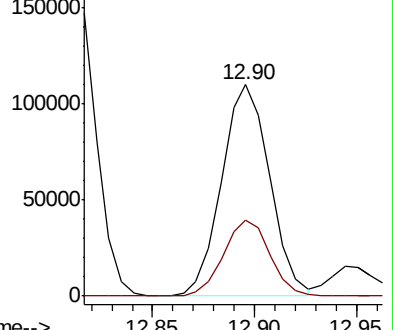
91 100

126 34.7 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: 49.614 ug/l

RT: 12.95 min Scan# 1812

Delta R.T. -0.00 min

Lab File: VW007255.D

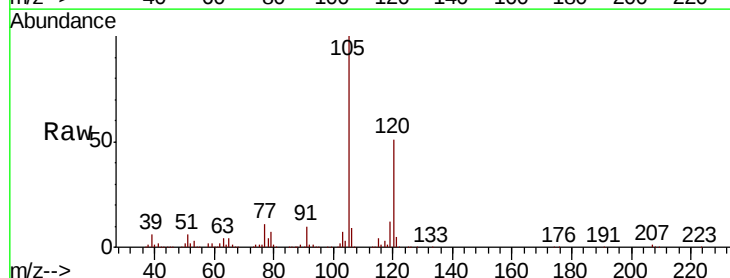
Acq: 06 Dec 2018 02:49

Tgt Ion:105 Resp: 225551

Ion Ratio Lower Upper

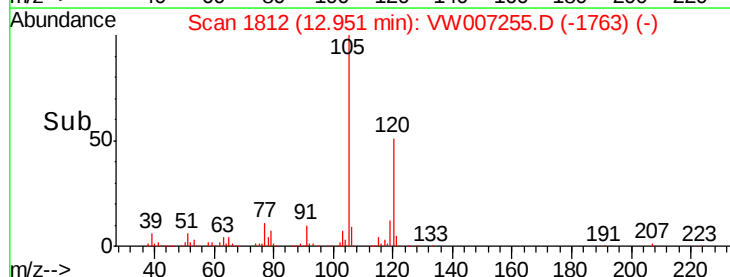
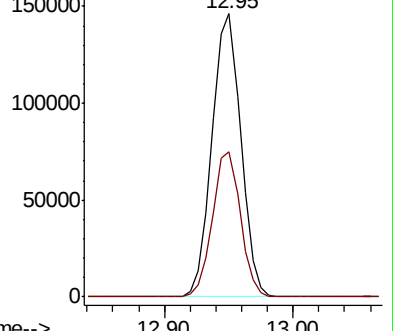
105 100

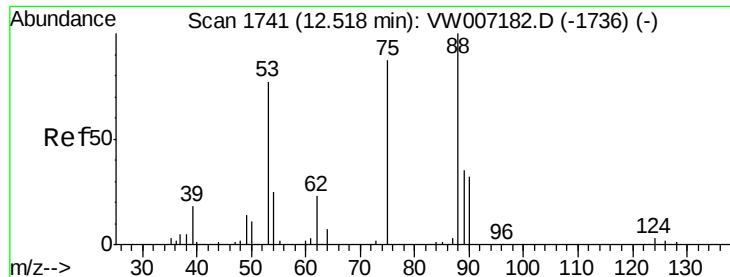
120 49.6 23.8 71.5



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: 49.509 ug/l

RT: 12.52 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VW007255.D

Acq: 06 Dec 2018 02:49

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

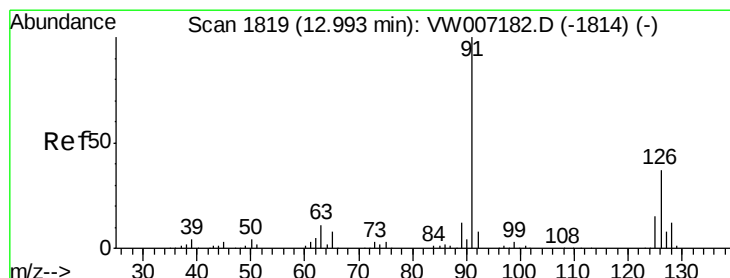
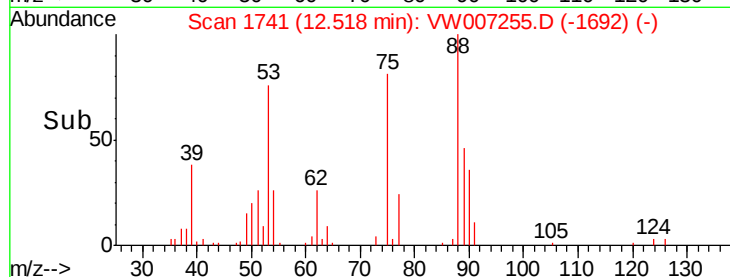
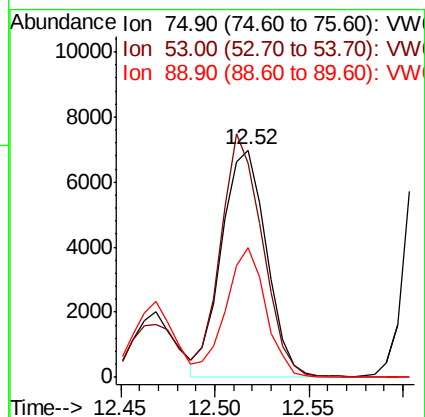
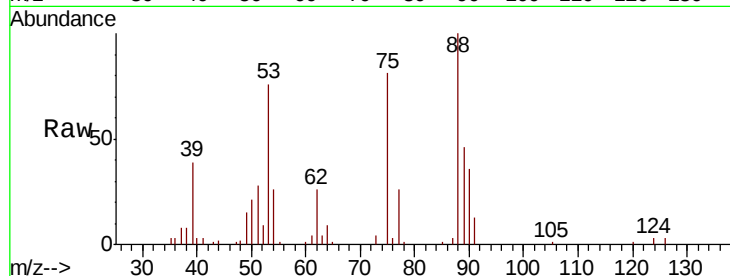
Tot Ion: 75 Resp: 11621

Ion Ratio Lower Upper

75 100

53 99.2 72.8 109.2

89 50.9 36.4 54.6



#82

4-Chlorotoluene

Concen: 49.584 ug/l

RT: 12.99 min Scan# 1819

Delta R.T. -0.00 min

Lab File: VW007255.D

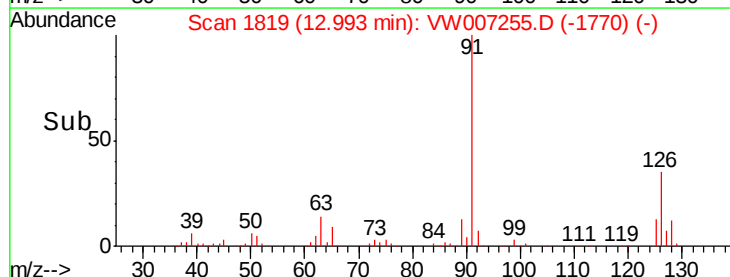
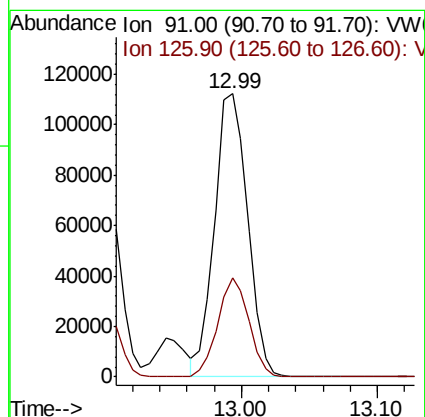
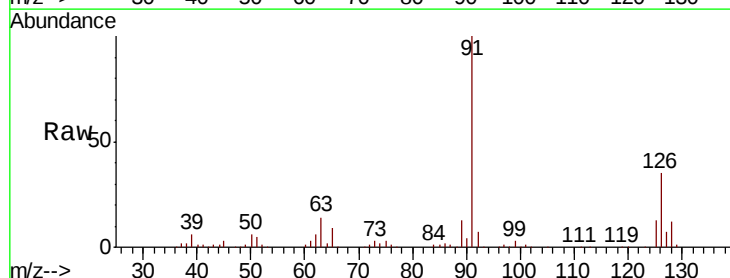
Acq: 06 Dec 2018 02:49

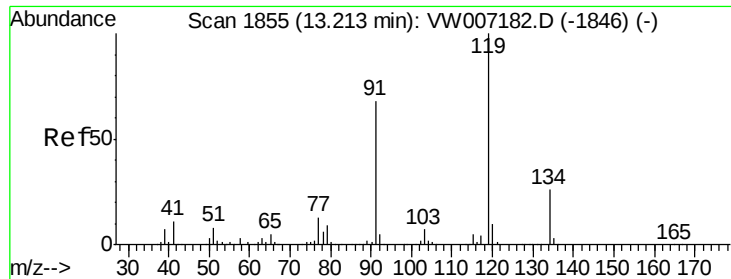
Tgt Ion: 91 Resp: 188589

Ion Ratio Lower Upper

91 100

126 33.0 17.4 52.3





#83

tert-Butylbenzene

Concen: 51.044 ug/l

RT: 13.21 min Scan# 1855

Delta R.T. -0.00 min

Lab File: VW007255.D

Acq: 06 Dec 2018 02:49

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

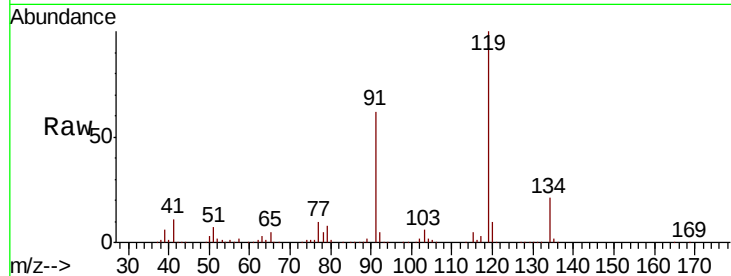
Tot Ion:119 Resp: 202790

Ion Ratio Lower Upper

119 100

91 64.2 34.0 101.8

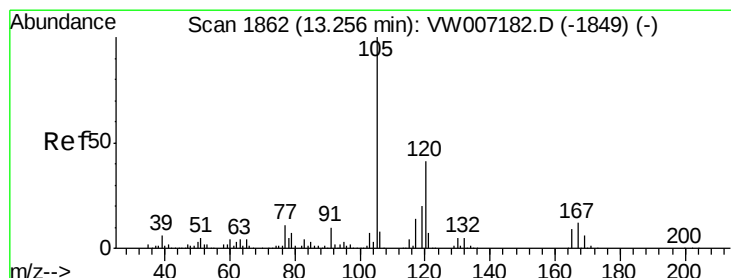
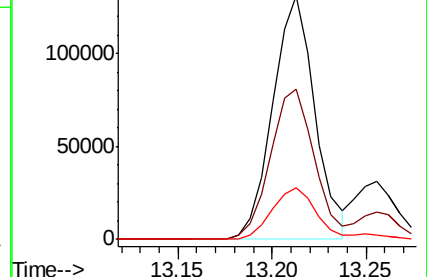
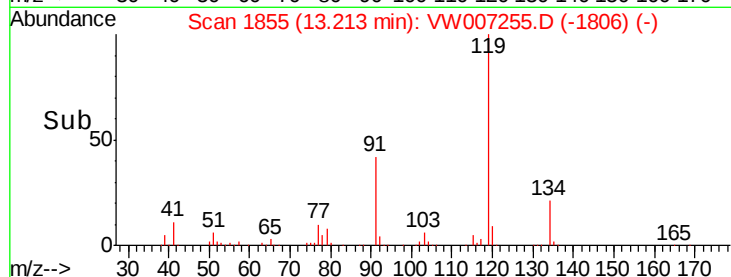
134 23.9 13.2 39.5



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: 47.199 ug/l

RT: 13.26 min Scan# 1862

Delta R.T. -0.00 min

Lab File: VW007255.D

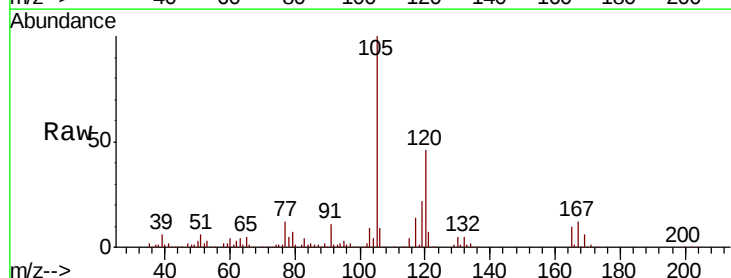
Acq: 06 Dec 2018 02:49

Tgt Ion:105 Resp: 219033

Ion Ratio Lower Upper

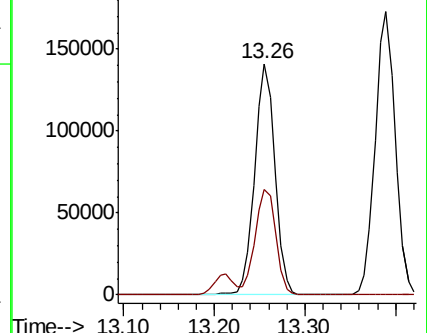
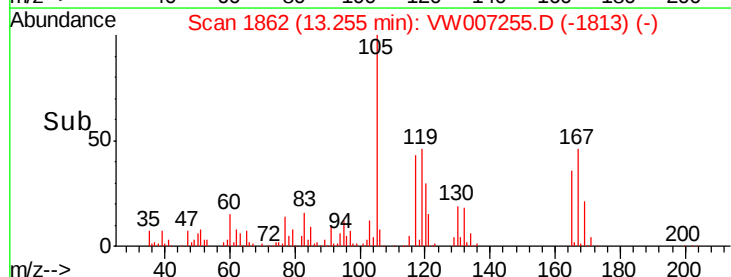
105 100

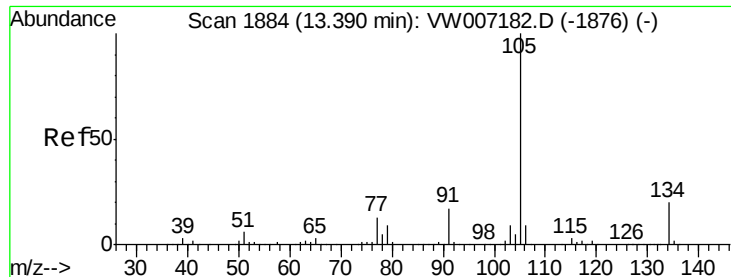
120 47.1 21.1 63.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

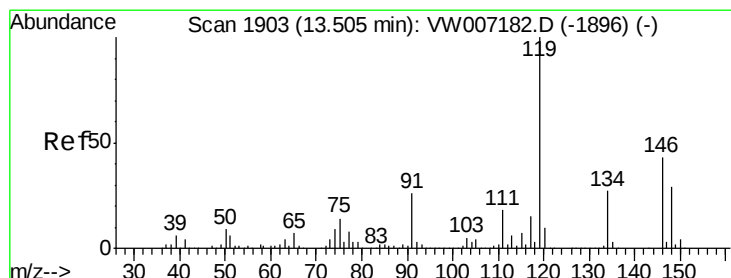
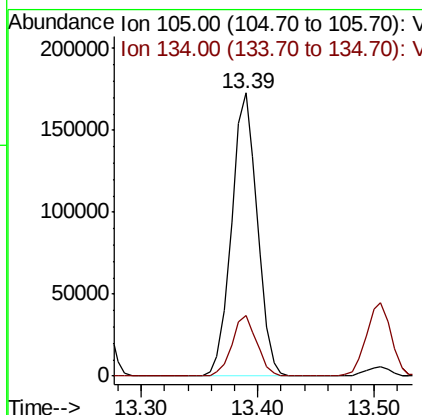
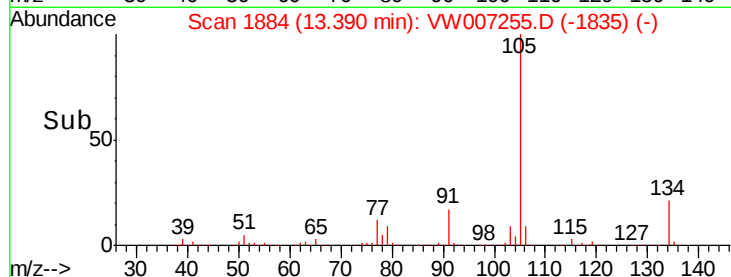
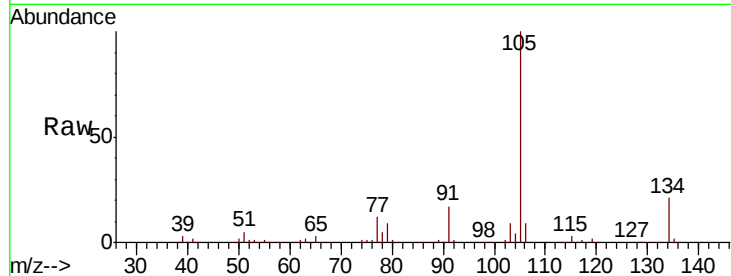




#85
 sec-Butylbenzene
 Concen: 46.888 ug/l
 RT: 13.39 min Scan# 1884
 Delta R.T. -0.00 min
 Lab File: VW007255.D
 Acq: 06 Dec 2018 02:49

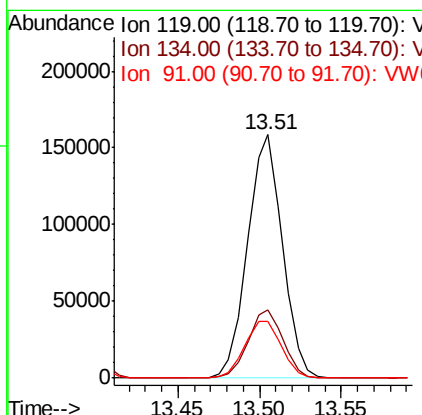
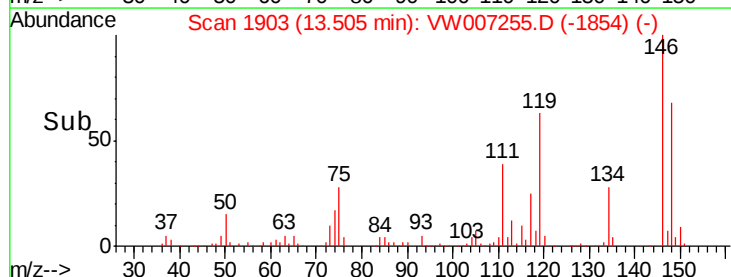
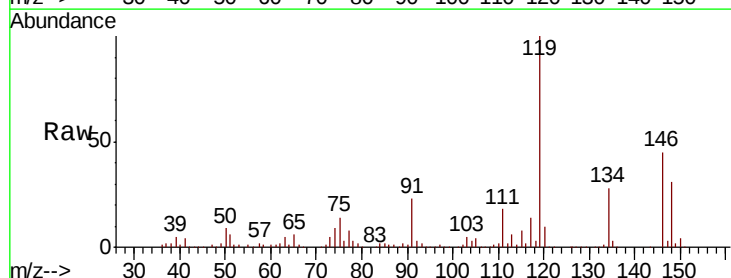
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

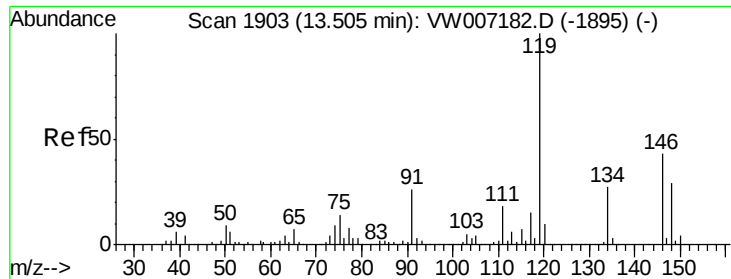
Tot Ion:105 Resp: 265935
 Ion Ratio Lower Upper
 105 100
 134 20.8 10.3 30.8



#86
 p-Isopropyltoluene
 Concen: 46.598 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. -0.00 min
 Lab File: VW007255.D
 Acq: 06 Dec 2018 02:49

Tgt Ion:119 Resp: 235268
 Ion Ratio Lower Upper
 119 100
 134 28.1 13.2 39.6
 91 24.9 12.4 37.2

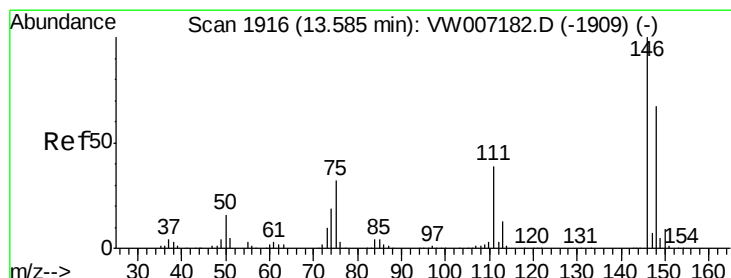
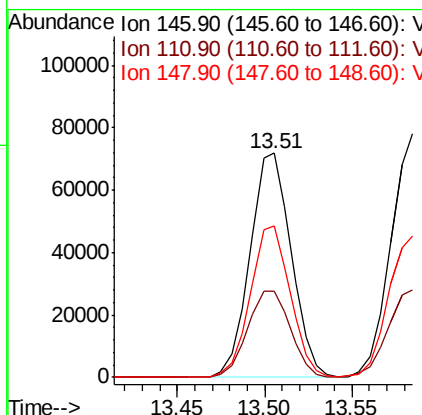
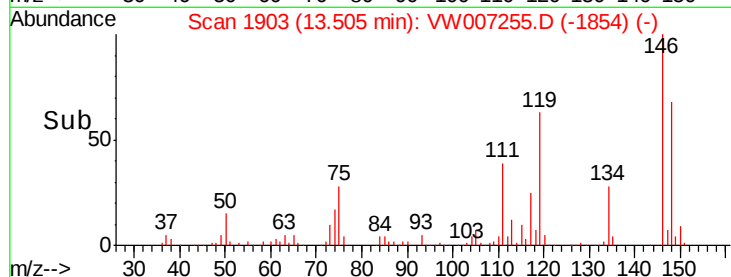
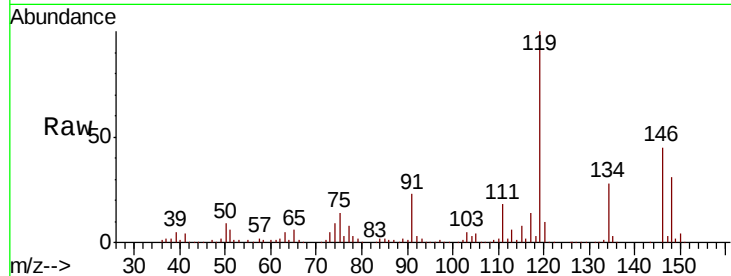




#87
 1,3-Dichlorobenzene
 Concen: 49.951 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. -0.00 min
 Lab File: VW007255.D
 Acq: 06 Dec 2018 02:49

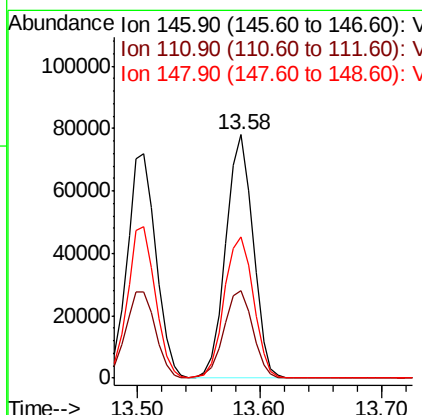
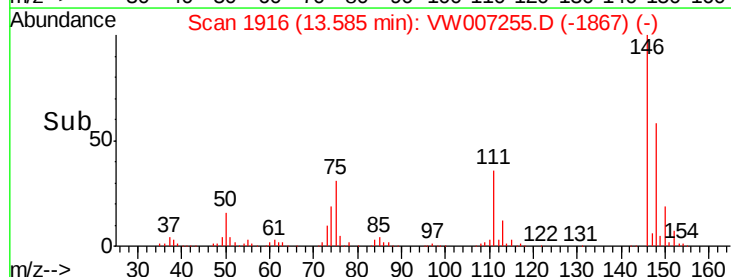
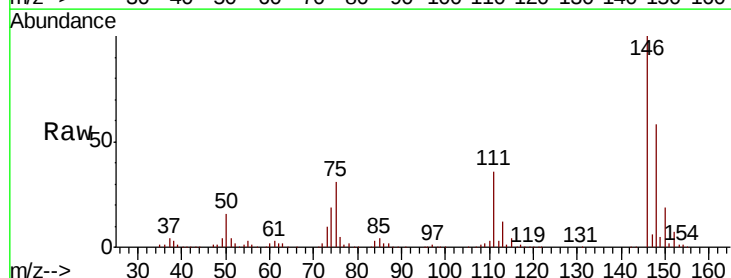
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

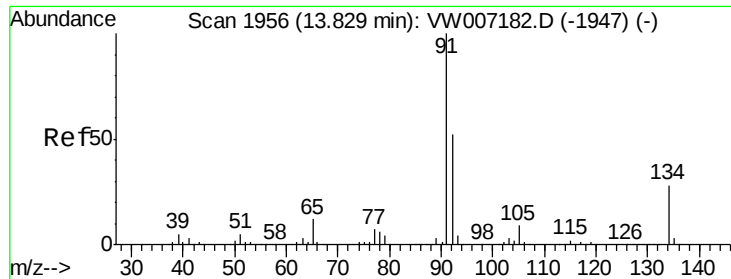
Tot Ion:146 Resp: 117624
 Ion Ratio Lower Upper
 146 100
 111 40.3 21.1 63.4
 148 65.5 32.8 98.4



#88
 1,4-Dichlorobenzene
 Concen: 50.512 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. -0.00 min
 Lab File: VW007255.D
 Acq: 06 Dec 2018 02:49

Tgt Ion:146 Resp: 120148
 Ion Ratio Lower Upper
 146 100
 111 38.2 19.6 58.8
 148 62.0 32.6 98.0





#89

n-Butylbenzene

Concen: 46.799 ug/l

RT: 13.83 min Scan# 1956

Delta R.T. -0.00 min

Lab File: VW007255.D

Acq: 06 Dec 2018 02:49

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

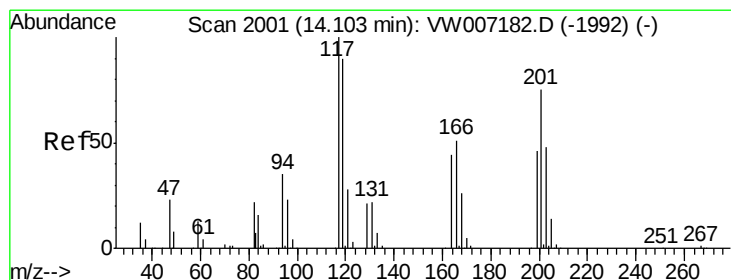
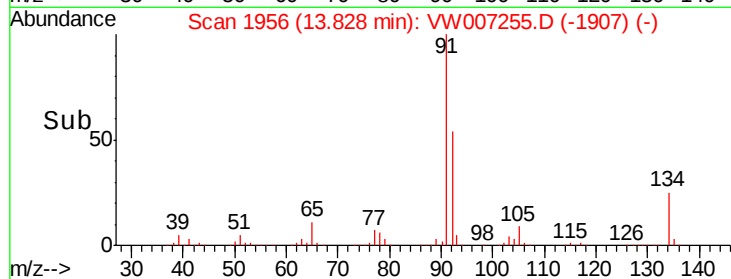
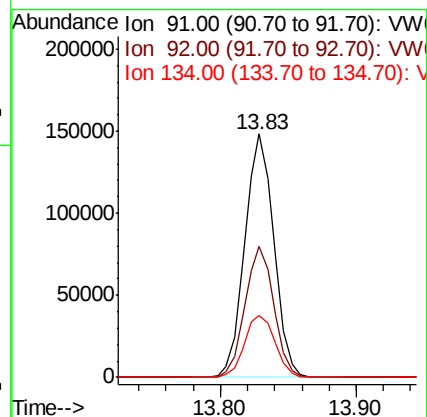
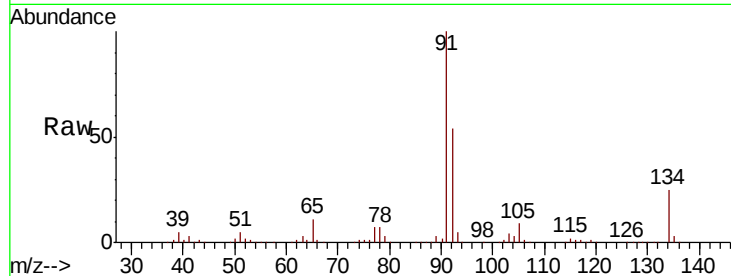
Tot Ion: 91 Resp: 220801

Ion Ratio Lower Upper

91 100

92 53.3 26.5 79.5

134 26.7 14.1 42.2



#90

Hexachloroethane

Concen: 49.935 ug/l

RT: 14.10 min Scan# 2000

Delta R.T. -0.01 min

Lab File: VW007255.D

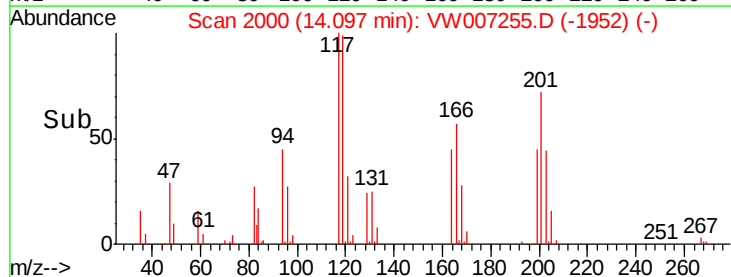
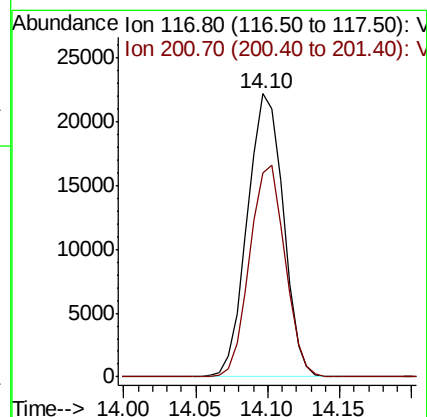
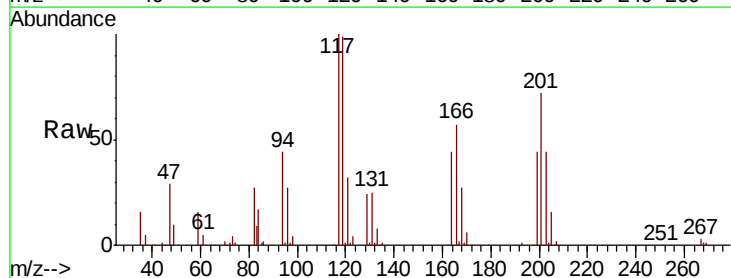
Acq: 06 Dec 2018 02:49

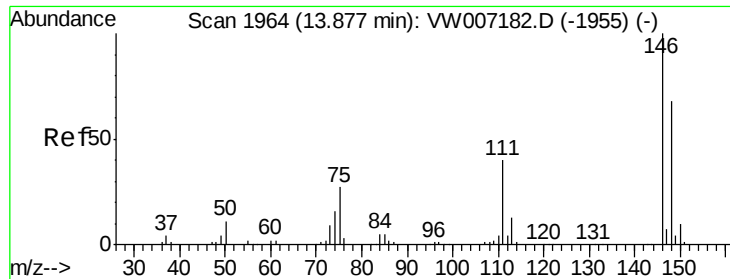
Tgt Ion: 117 Resp: 38420

Ion Ratio Lower Upper

117 100

201 73.3 36.0 108.1





#91

1,2-Dichlorobenzene

Concen: 53.314 ug/l

RT: 13.88 min Scan# 1964

Delta R.T. -0.00 min

Lab File: VW007255.D

Acq: 06 Dec 2018 02:49

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

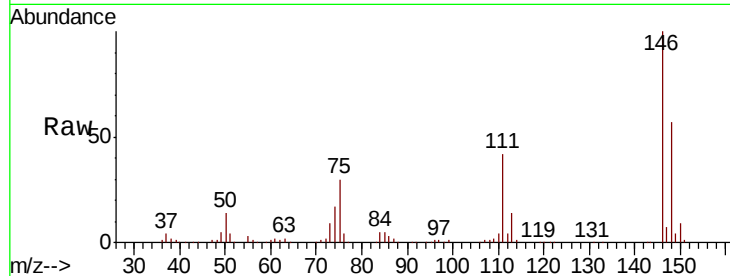
Tot Ion:146 Resp: 108684

Ion Ratio Lower Upper

146 100

111 41.9 21.6 65.0

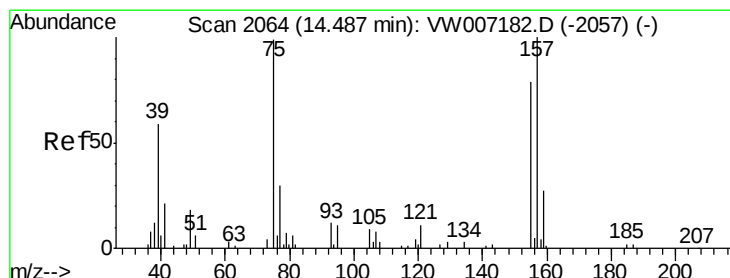
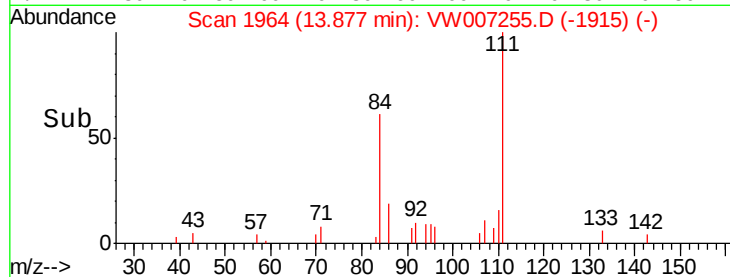
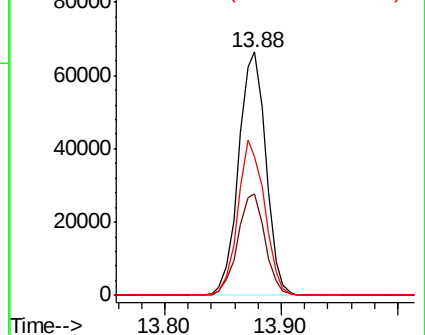
148 62.4 32.7 98.1



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: 57.196 ug/l

RT: 14.49 min Scan# 2064

Delta R.T. -0.00 min

Lab File: VW007255.D

Acq: 06 Dec 2018 02:49

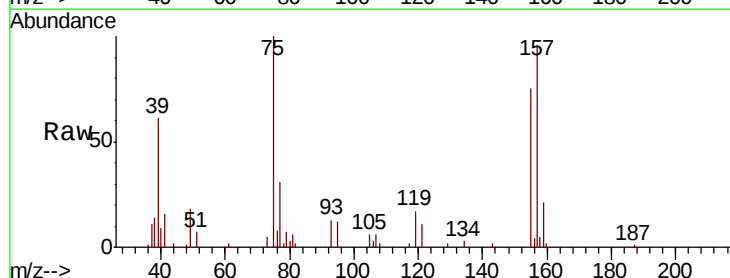
Tgt Ion: 75 Resp: 7647

Ion Ratio Lower Upper

75 100

155 79.4 42.4 127.2

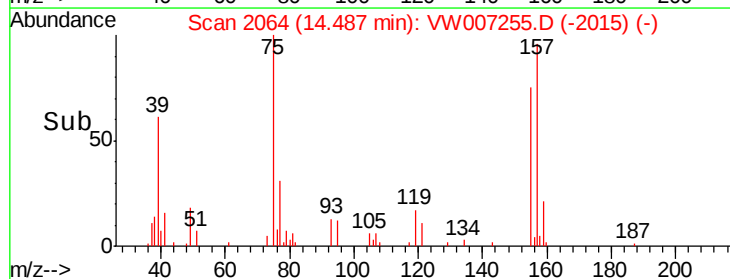
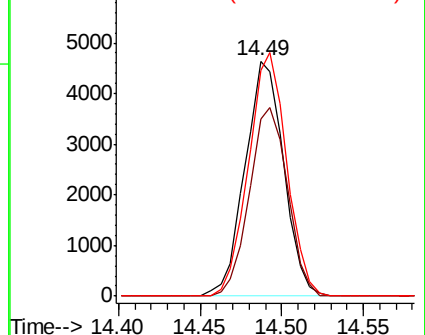
157 102.7 55.3 165.9

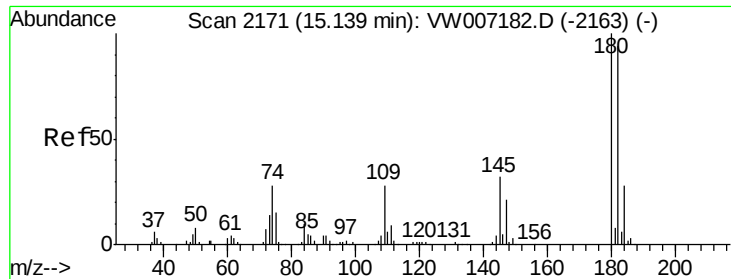


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

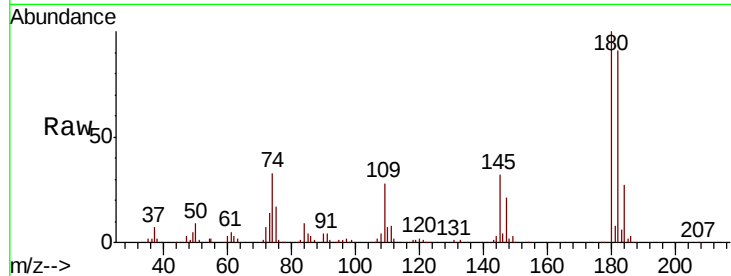




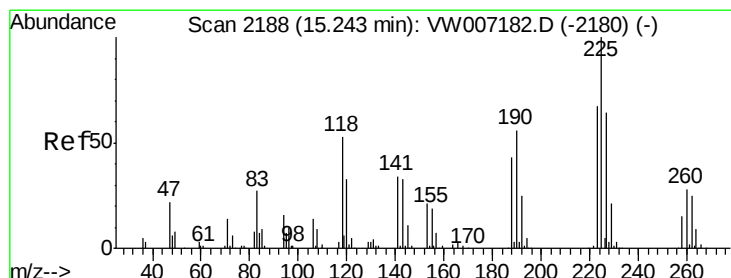
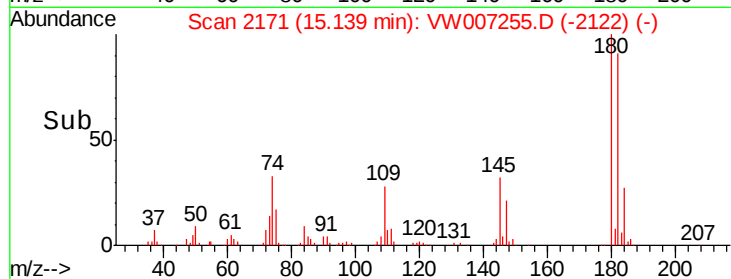
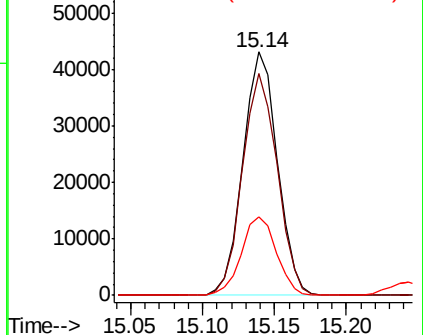
#93
 1,2,4-Trichlorobenzene
 Concen: 50.543 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. -0.00 min
 Lab File: VW007255.D
 Acq: 06 Dec 2018 02:49

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion:180 Resp: 71404
 Ion Ratio Lower Upper
 180 100
 182 92.0 47.9 143.8
 145 32.9 16.6 49.7

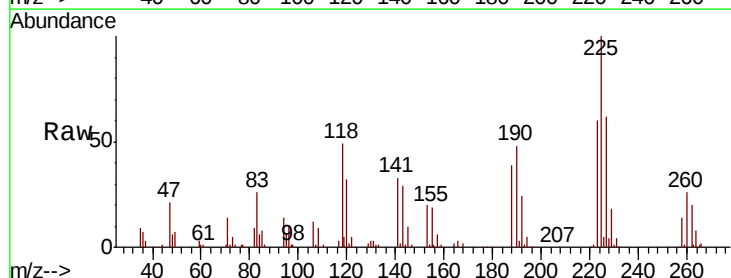


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

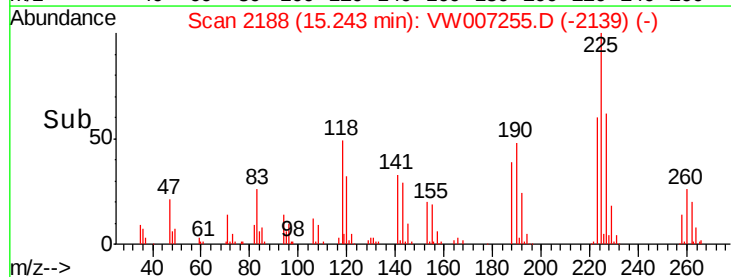
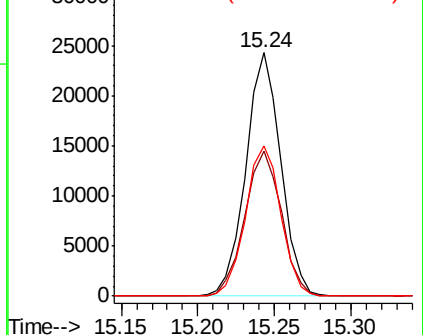


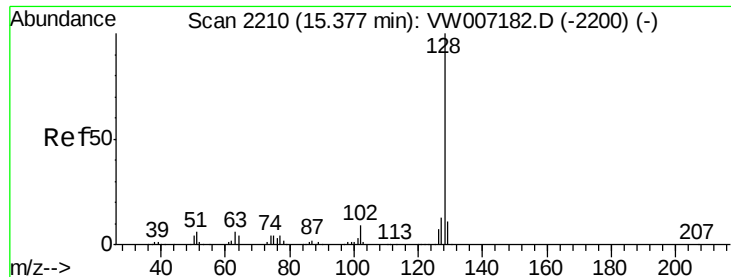
#94
 Hexachlorobutadiene
 Concen: 50.720 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. -0.00 min
 Lab File: VW007255.D
 Acq: 06 Dec 2018 02:49

Tgt Ion:225 Resp: 38640
 Ion Ratio Lower Upper
 225 100
 223 62.7 32.3 96.8
 227 62.1 32.1 96.3



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

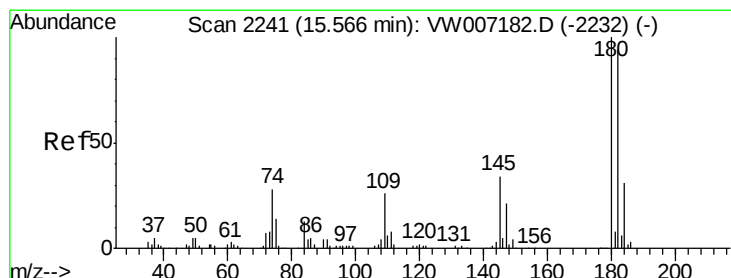
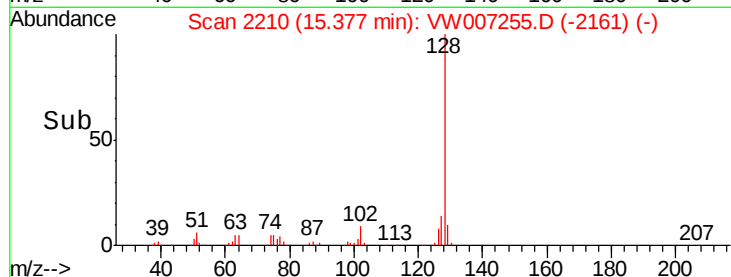
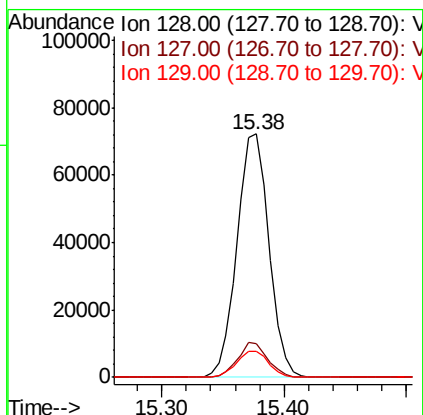
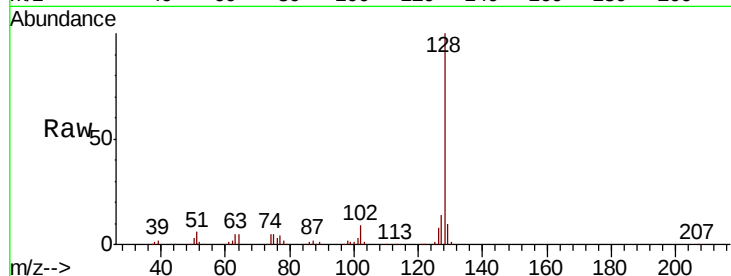




#95
Naphthalene
Concen: 51.657 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. -0.00 min
Lab File: VW007255.D
Acq: 06 Dec 2018 02:49

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion:128 Resp: 130791
Ion Ratio Lower Upper
128 100
127 13.3 10.3 15.5
129 10.7 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 52.172 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. -0.00 min
Lab File: VW007255.D
Acq: 06 Dec 2018 02:49

Tgt Ion:180 Resp: 62150
Ion Ratio Lower Upper
180 100
182 92.2 47.4 142.2
145 34.5 17.6 52.8

