

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\WV122218\
 Data File : VW007770.D
 Acq On : 21 Dec 2018 01:45
 Operator : SY/AP
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Dec 21 03:59:02 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W122118S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 20 06:30:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	79290	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	132951	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	120226	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	60442	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	47368	54.51	ug/l	0.00
Spiked Amount			Recovery	=	109.02%	
35) Dibromofluoromethane	7.88	113	42949	52.95	ug/l	0.00
Spiked Amount			Recovery	=	105.90%	
50) Toluene-d8	10.32	98	165783	54.22	ug/l	0.00
Spiked Amount			Recovery	=	108.44%	
62) 4-Bromofluorobenzene	12.62	95	64501	54.61	ug/l	0.00
Spiked Amount			Recovery	=	109.22%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.01	85	26790	38.006	ug/l	96
3) Chloromethane	2.22	50	23648	54.635	ug/l	99
4) Vinyl Chloride	2.37	62	30180	54.775	ug/l	100
5) Bromomethane	2.78	94	21473	55.954	ug/l	98
6) Chloroethane	2.93	64	18170	61.641	ug/l	96
7) Trichlorofluoromethane	3.26	101	23327	40.666	ug/l	96
8) Diethyl Ether	3.68	74	18214	51.840	ug/l	90
9) 1,1,2-Trichlorotrifluoroet	4.06	101	35547	42.077	ug/l	100
10) Methyl Iodide	4.27	142	61577	45.833	ug/l	96
11) Tert butyl alcohol	5.17	59	15160	258.595	ug/l	99
12) 1,1-Dichloroethene	4.03	96	34289	43.832	ug/l	94
13) Acrolein	3.89	56	10452	222.982	ug/l	98
14) Allyl chloride	4.67	41	50537	49.263	ug/l	94
15) Acrylonitrile	5.37	53	38225	255.046	ug/l	99
16) Acetone	4.12	43	34556	212.340	ug/l	98
17) Carbon Disulfide	4.38	76	102429	42.311	ug/l	99
18) Methyl Acetate	4.67	43	21806	56.342	ug/l	97
19) Methyl tert-butyl Ether	5.43	73	64401	57.343	ug/l	96
20) Methylene Chloride	4.91	84	40737	50.063	ug/l	97
21) trans-1,2-Dichloroethene	5.42	96	39239	45.607	ug/l	97
22) Diisopropyl ether	6.31	45	103131	53.689	ug/l	97
23) Vinyl Acetate	6.25	43	290336	254.398	ug/l	97
24) 1,1-Dichloroethane	6.21	63	67568	47.814	ug/l	99
25) 2-Butanone	7.17	43	46650	244.735	ug/l	97
26) 2,2-Dichloropropane	7.17	77	43978	42.529	ug/l	97
27) cis-1,2-Dichloroethene	7.17	96	43663	47.634	ug/l	98
28) Bromochloromethane	7.51	49	26292	54.569	ug/l	94
29) Tetrahydrofuran	7.53	42	30615	269.264	ug/l	99
30) Chloroform	7.68	83	74091	46.329	ug/l	100
31) Cyclohexane	7.95	56	55438	42.853	ug/l	96
32) 1,1,1-Trichloroethane	7.87	97	62968	43.233	ug/l	99
36) 1,1-Dichloropropene	8.08	75	54431	42.418	ug/l	100
37) Ethyl Acetate	7.26	43	22003	49.684	ug/l	99
38) Carbon Tetrachloride	8.07	117	56867	37.630	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	68626	43.038	ug/l	99
40) Benzene	8.32	78	154635	45.159	ug/l	99
41) Methacrylonitrile	7.48	41	14297	56.862	ug/l	88
42) 1,2-Dichloroethane	8.40	62	50239	43.780	ug/l	99
43) Isopropyl Acetate	8.43	43	44211	49.830	ug/l	98
44) Trichloroethene	9.09	130	44874	43.334	ug/l	97
45) 1,2-Dichloropropane	9.37	63	36383	47.885	ug/l	97
46) Dibromomethane	9.46	93	20715	44.290	ug/l	99
47) Bromodichloromethane	9.65	83	53508	43.517	ug/l	98
48) Methyl methacrylate	9.44	41	22383	50.541	ug/l	98
49) 1,4-Dioxane	9.45	88	7207	971.894	ug/l	98
51) 4-Methyl-2-Pentanone	10.21	43	105563	251.755	ug/l	98
52) Toluene	10.39	92	106105	46.184	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	55963	45.758	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	62089	45.960	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	30330	47.039	ug/l	97
56) Ethyl methacrylate	10.65	69	38695	50.793	ug/l	96
57) 1,3-Dichloropropane	10.93	76	50423	47.094	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	99014	284.665	ug/l	99
59) 2-Hexanone	10.97	43	73919	250.669	ug/l	99
60) Dibromochloromethane	11.13	129	35538	41.626	ug/l	98
61) 1,2-Dibromoethane	11.24	107	30332	46.453	ug/l	100
64) Tetrachloroethene	10.86	164	39131	45.963	ug/l	99
65) Chlorobenzene	11.66	112	115972	44.567	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.73	131	40528	43.587	ug/l	97
67) Ethyl Benzene	11.73	91	209849	46.995	ug/l	95
68) m/p-Xylenes	11.84	106	160317	92.552	ug/l	98
69) o-Xylene	12.17	106	77100	47.484	ug/l	99
70) Styrene	12.18	104	125470	47.009	ug/l	99
71) Bromoform	12.35	173	19545	40.492	ug/l #	99
73) Isopropylbenzene	12.47	105	213479	46.726	ug/l	99
74) N-amyl acetate	12.27	43	41446	52.372	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.72	83	32947	48.097	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	44646	95.569	ug/l #	100
77) Bromobenzene	12.75	156	47940	45.786	ug/l	96
78) n-propylbenzene	12.81	91	244316	45.939	ug/l	99
79) 2-Chlorotoluene	12.90	91	146297	47.220	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	187675	47.623	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	10173	45.710	ug/l	95
82) 4-Chlorotoluene	12.99	91	154945	46.970	ug/l	99
83) tert-Butylbenzene	13.21	119	162787	47.078	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	192706	48.461	ug/l	99
85) sec-Butylbenzene	13.39	105	219999	46.165	ug/l	100
86) p-Isopropyltoluene	13.51	119	201666	46.538	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	96417	46.379	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	96002	46.166	ug/l	99
89) n-Butylbenzene	13.83	91	182799	46.009	ug/l	100
90) Hexachloroethane	14.10	117	29526	38.811	ug/l	98
91) 1,2-Dichlorobenzene	13.88	146	86204	46.314	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	6083	43.241	ug/l	95

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QLast Update : Thu Dec 20 06:30:23 2018
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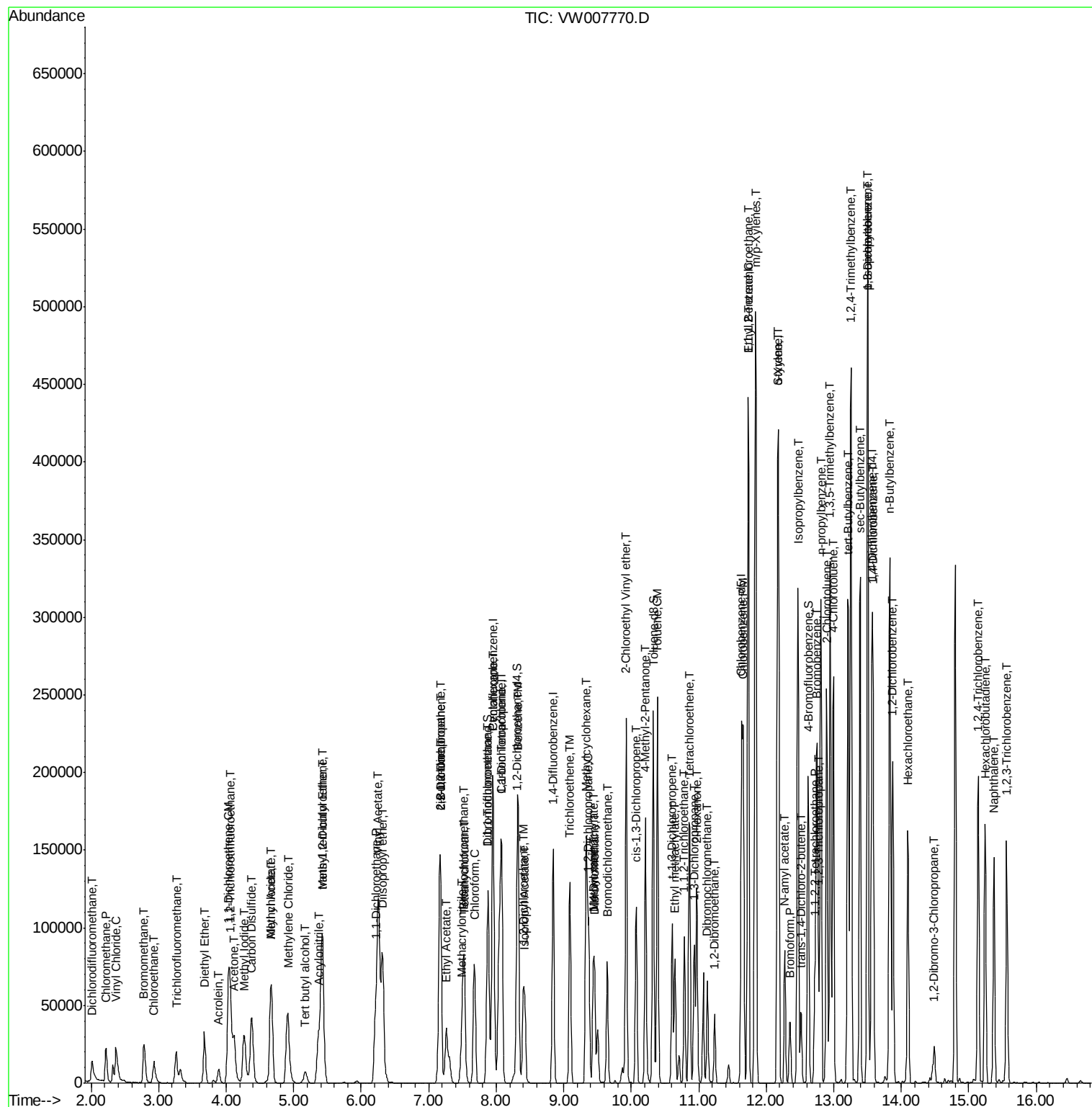
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	62188	48.132	ug/l	98
94) Hexachlorobutadiene	15.24	225	31241	45.245	ug/l	100
95) Naphthalene	15.37	128	127758	53.484	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	53078	47.992	ug/l	99

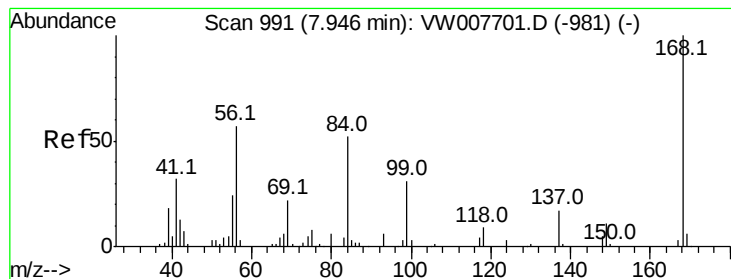
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.01 min

Lab File: VW007770.D

Acq: 21 Dec 2018 01:45

Instrument :

MSVOA_W

ClientSampleId :

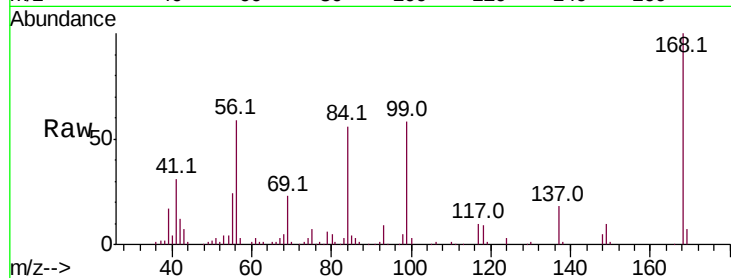
VSTDCCC050EC

Tot Ion:168 Resp: 79290

Ion Ratio Lower Upper

168 100

99 58.4 54.0 81.0



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.95

40000

30000

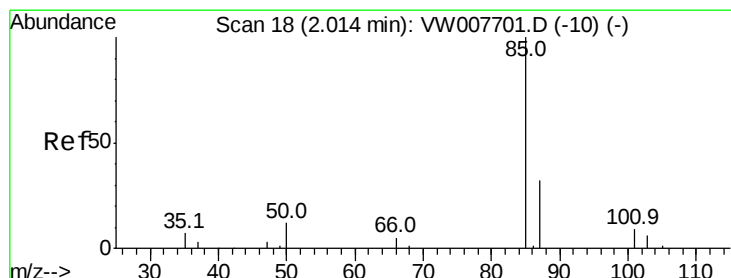
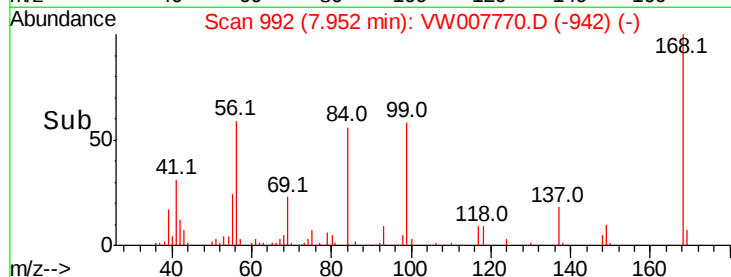
20000

10000

0

7.85 7.90 7.95 8.00 8.05

Time-->



#2

Dichlorodifluoromethane

Concen: 38.006 ug/l

RT: 2.01 min Scan# 18

Delta R.T. -0.00 min

Lab File: VW007770.D

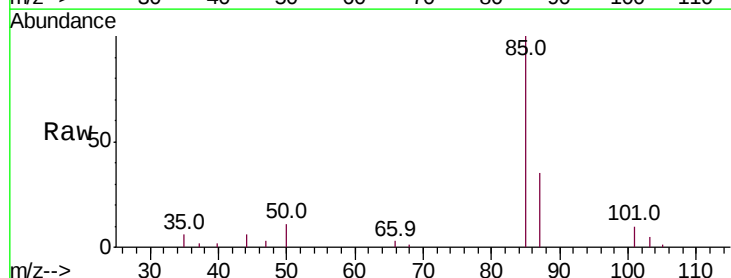
Acq: 21 Dec 2018 01:45

Tgt Ion: 85 Resp: 26790

Ion Ratio Lower Upper

85 100

87 34.7 16.3 48.8



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

8000

6000

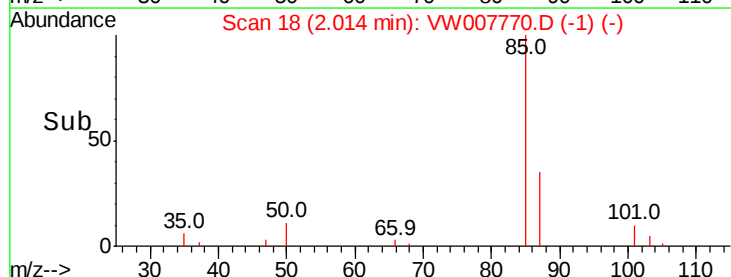
4000

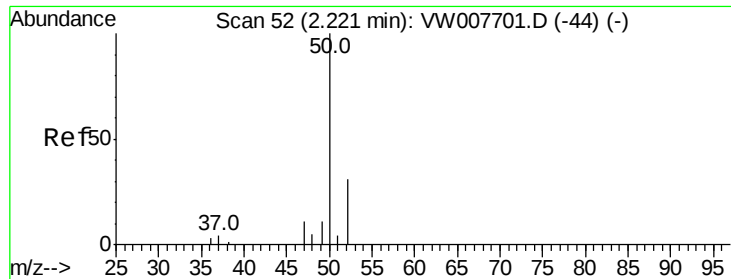
2000

0

1.90 2.00 2.10 2.20

Time-->





#3

Chloromethane

Concen: 54.635 ug/l

RT: 2.22 min Scan# 52

Delta R.T. -0.00 min

Lab File: VW007770.D

Acq: 21 Dec 2018 01:45

Instrument :

MSVOA_W

ClientSampleId :

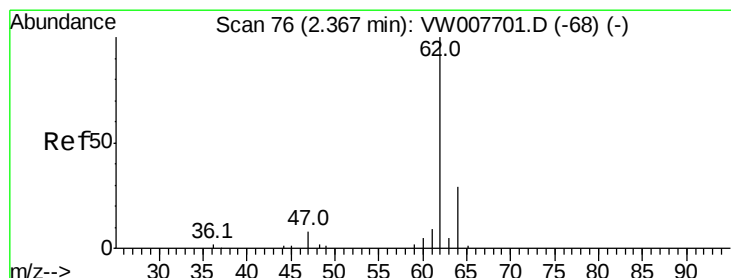
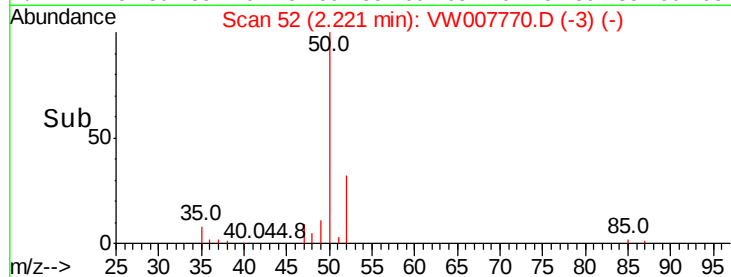
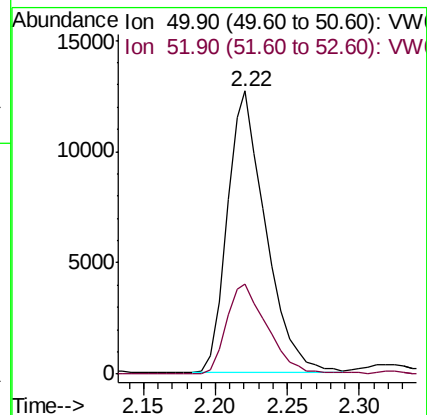
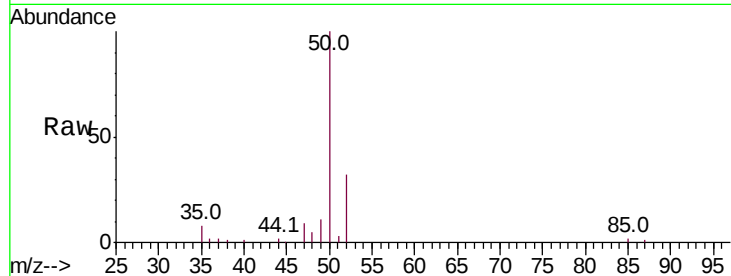
VSTDCCC050EC

Tot Ion: 50 Resp: 23648

Ion Ratio Lower Upper

50 100

52 31.8 25.1 37.7



#4

Vinyl Chloride

Concen: 54.775 ug/l

RT: 2.37 min Scan# 76

Delta R.T. -0.00 min

Lab File: VW007770.D

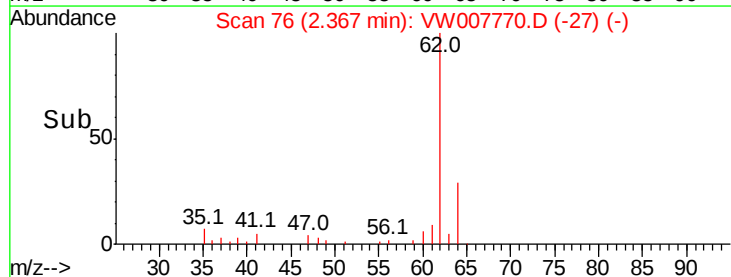
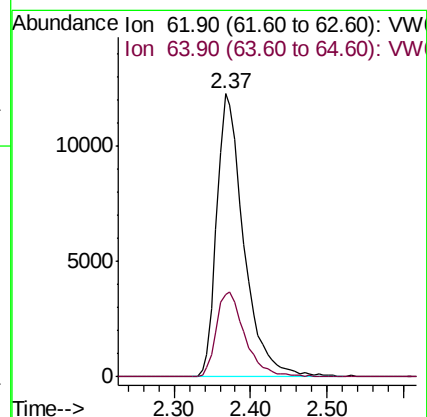
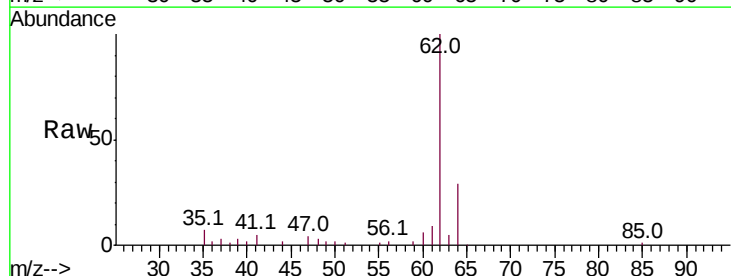
Acq: 21 Dec 2018 01:45

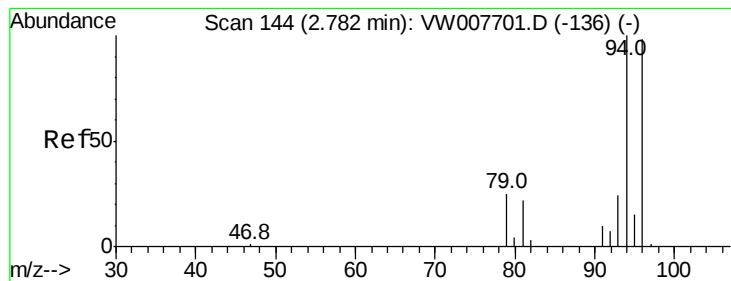
Tgt Ion: 62 Resp: 30180

Ion Ratio Lower Upper

62 100

64 29.1 23.4 35.0





#5

Bromomethane

Concen: 55.954 ug/l

RT: 2.78 min Scan# 144

Delta R.T. -0.00 min

Lab File: VW007770.D

Acq: 21 Dec 2018 01:45

Instrument :

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ClientSampleId :

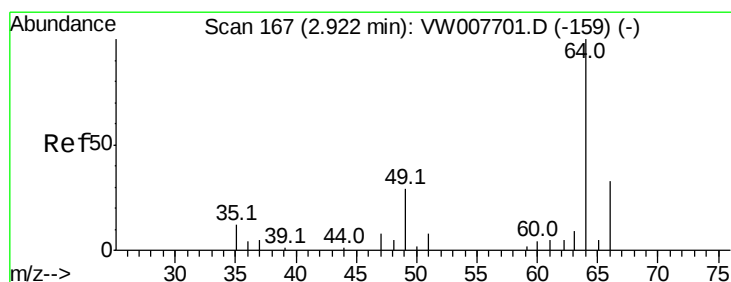
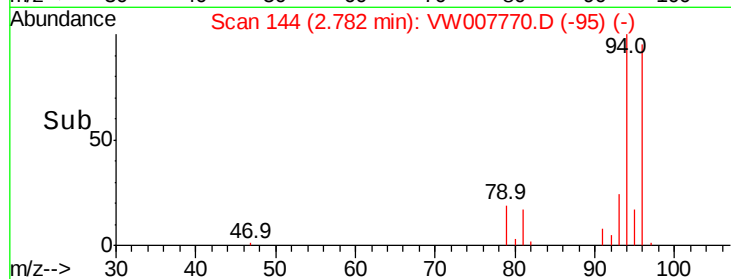
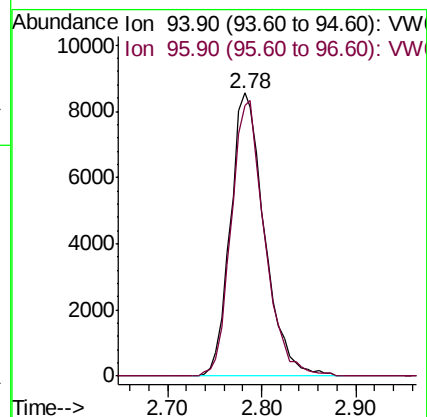
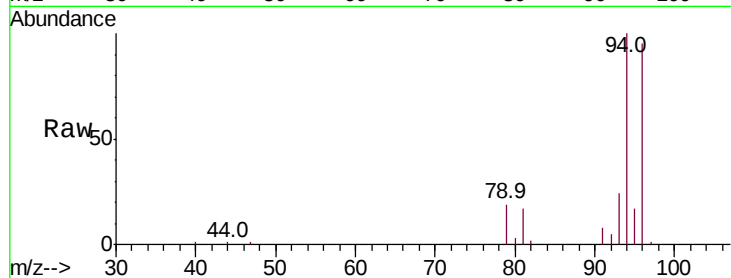
VSTDCCC050EC

Tot Ion: 94 Resp: 21473

Ion Ratio Lower Upper

94 100

96 95.4 78.2 117.2



#6

Chloroethane

Concen: 61.641 ug/l

RT: 2.93 min Scan# 168

Delta R.T. 0.01 min

Lab File: VW007770.D

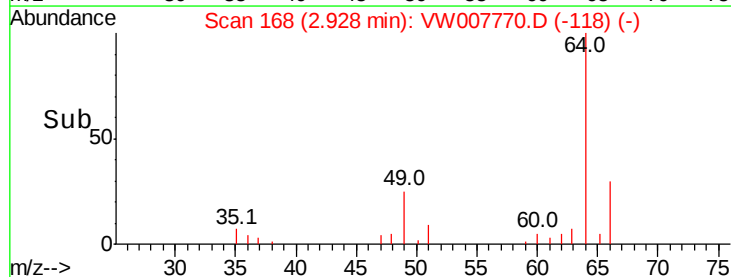
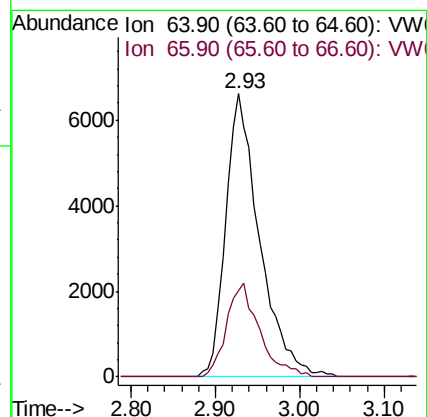
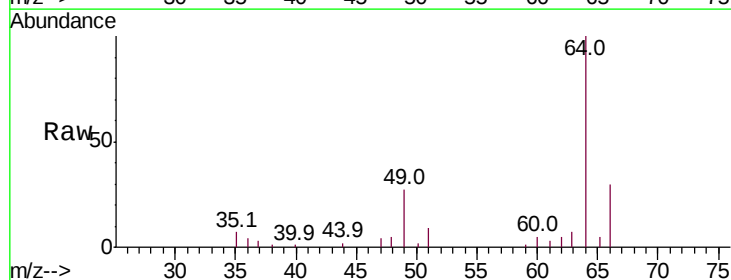
Acq: 21 Dec 2018 01:45

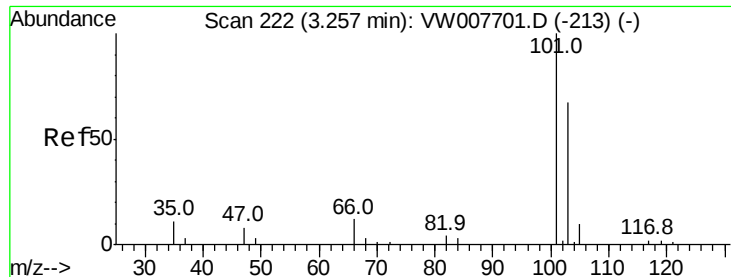
Tgt Ion: 64 Resp: 18170

Ion Ratio Lower Upper

64 100

66 30.4 26.2 39.4



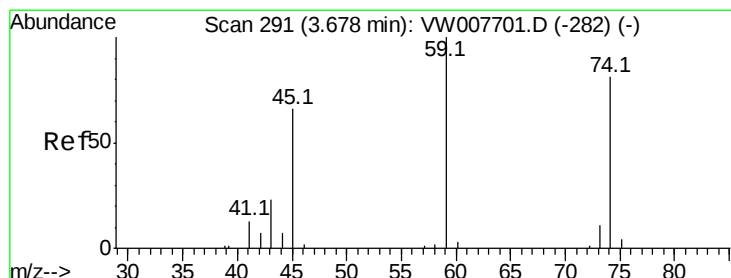
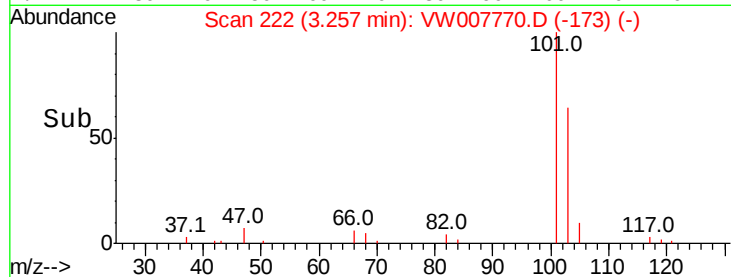
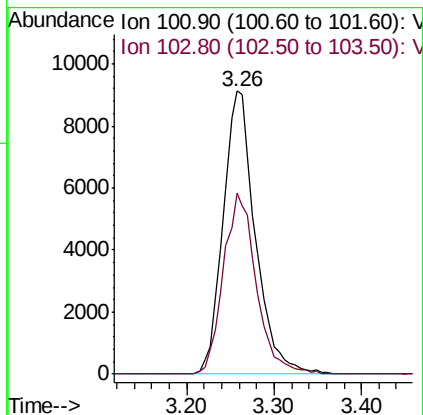
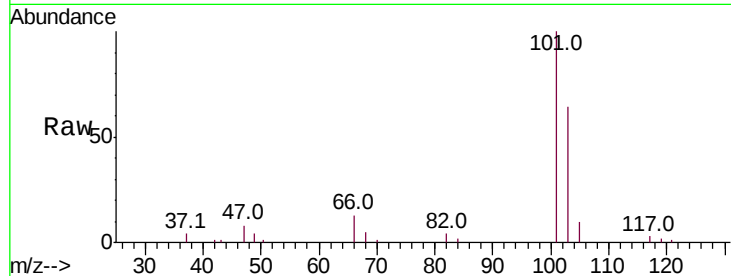


#7

Trichlorofluoromethane
 Concen: 40.666 ug/l
 RT: 3.26 min Scan# 222
 Delta R.T. -0.00 min
 Lab File: VW007770.D
 Acq: 21 Dec 2018 01:45

Instrument :
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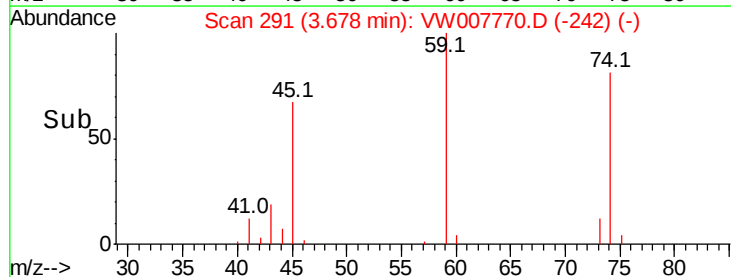
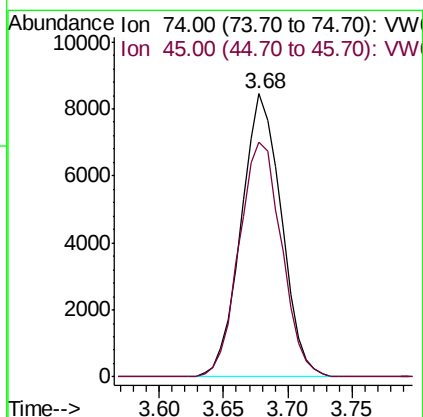
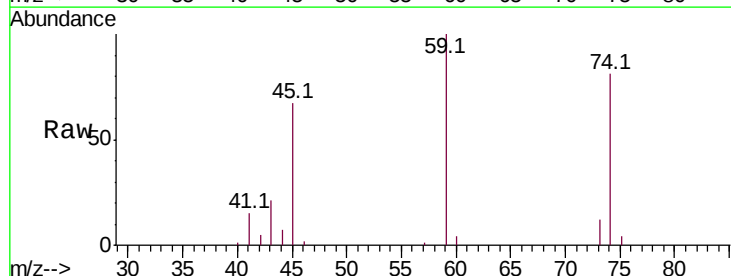
Tot Ion:101 Resp: 23327
 Ion Ratio Lower Upper
 101 100
 103 64.0 53.4 80.2

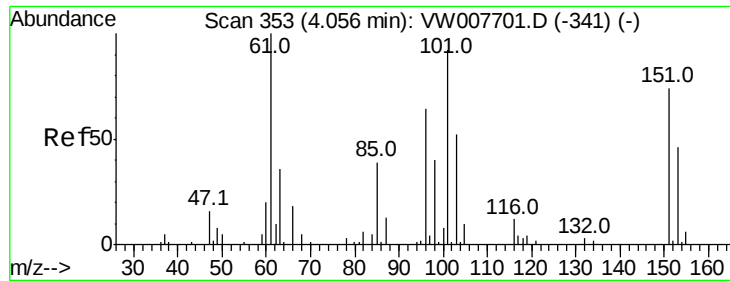


#8

Diethyl Ether
 Concen: 51.840 ug/l
 RT: 3.68 min Scan# 291
 Delta R.T. -0.00 min
 Lab File: VW007770.D
 Acq: 21 Dec 2018 01:45

Tgt Ion: 74 Resp: 18214
 Ion Ratio Lower Upper
 74 100
 45 87.6 39.4 118.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 42.077 ug/l

RT: 4.06 min Scan# 354

Delta R.T. 0.01 min

Lab File: VW007770.D

Acq: 21 Dec 2018 01:45

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

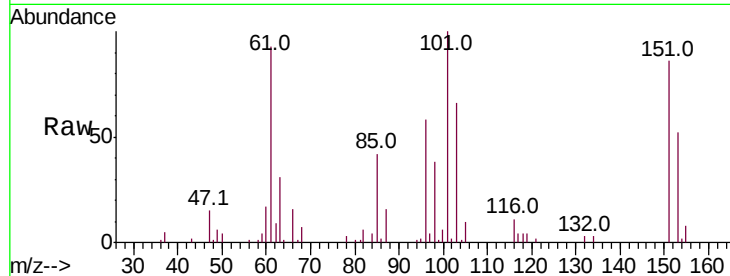
Tot Ion:101 Resp: 35547

Ion Ratio Lower Upper

101 100

85 43.1 34.3 51.5

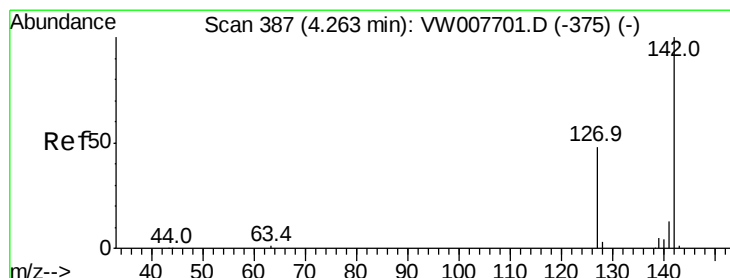
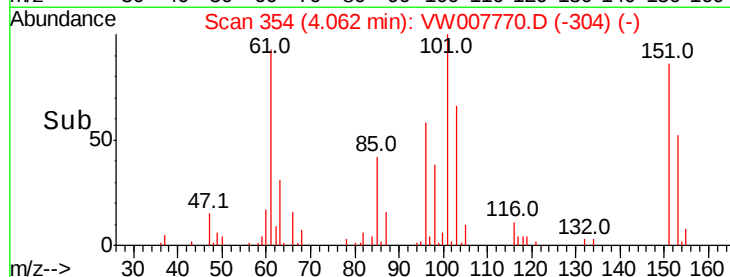
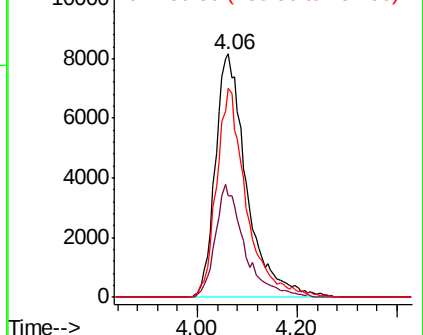
151 81.3 64.6 96.8



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 45.833 ug/l

RT: 4.27 min Scan# 388

Delta R.T. 0.01 min

Lab File: VW007770.D

Acq: 21 Dec 2018 01:45

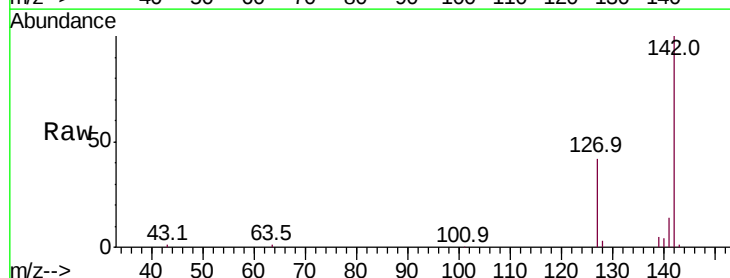
Tgt Ion:142 Resp: 61577

Ion Ratio Lower Upper

142 100

127 44.2 37.7 56.5

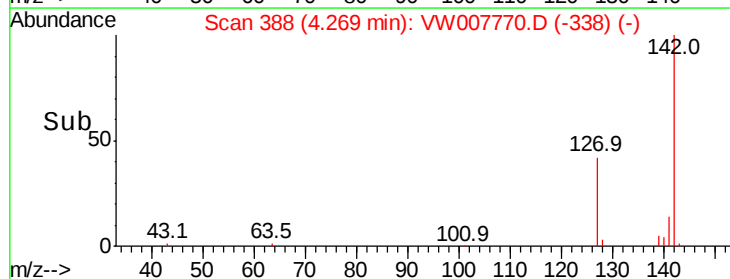
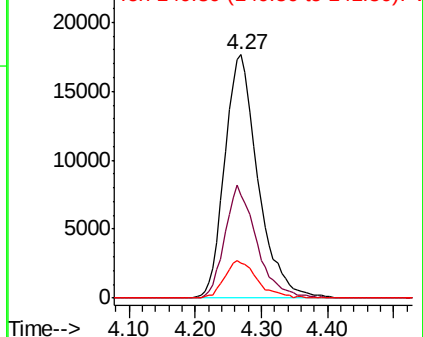
141 15.0 11.5 17.3

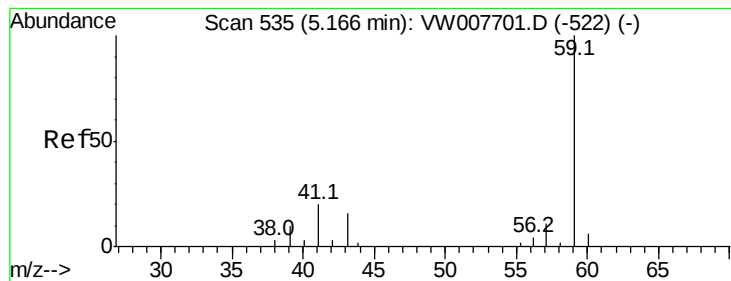


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



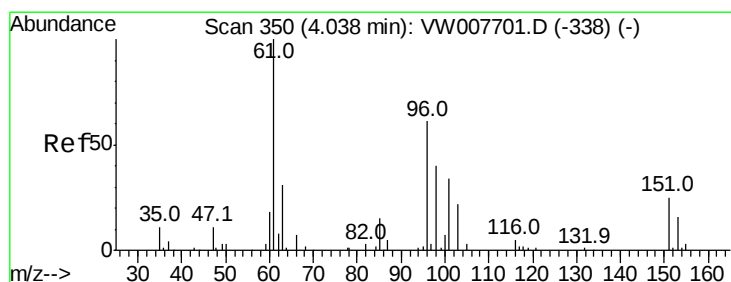
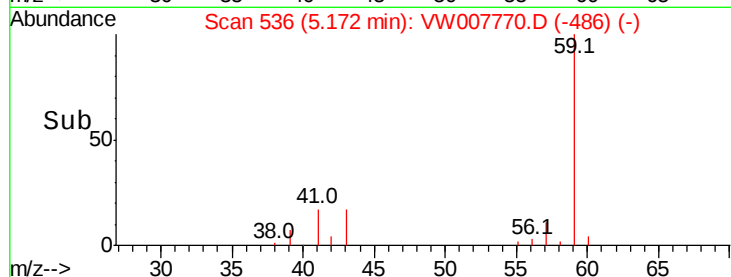
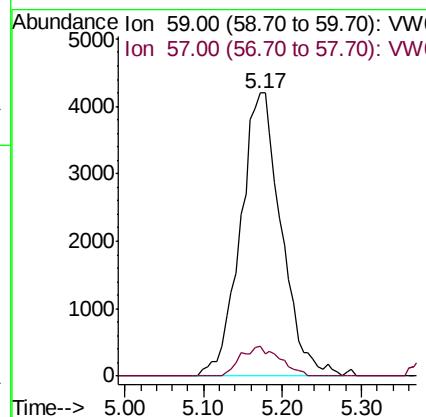
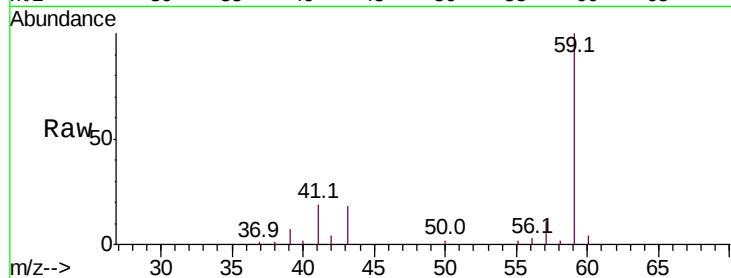


#11

Tert butyl alcohol
Concen: 258.595 ug/l
RT: 5.17 min Scan# 536
Delta R.T. 0.01 min
Lab File: VW007770.D
Acq: 21 Dec 2018 01:45

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

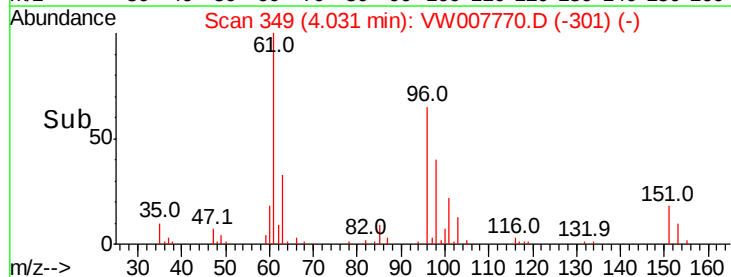
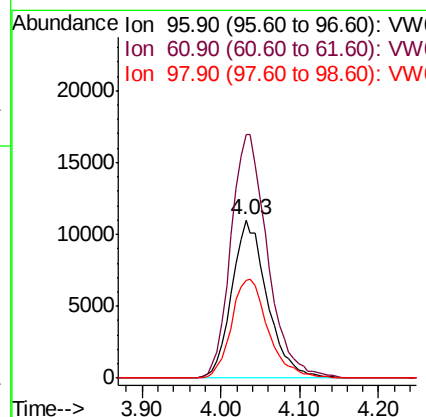
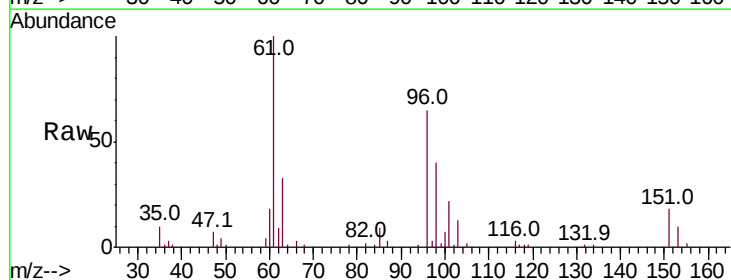
Tot Ion: 59 Resp: 15160
Ion Ratio Lower Upper
59 100
57 10.0 7.8 11.8

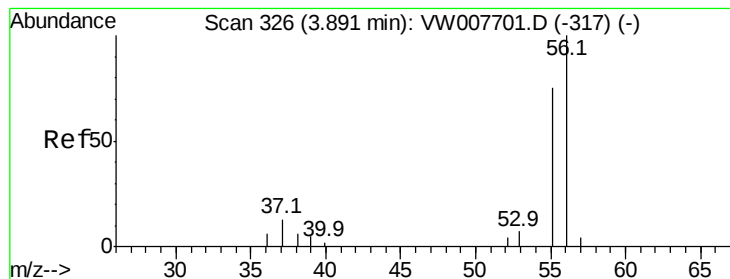


#12

1,1-Dichloroethene
Concen: 43.832 ug/l
RT: 4.03 min Scan# 349
Delta R.T. -0.01 min
Lab File: VW007770.D
Acq: 21 Dec 2018 01:45

Tgt Ion: 96 Resp: 34289
Ion Ratio Lower Upper
96 100
61 153.9 130.6 195.8
98 61.7 52.3 78.5





#13

Acrolein

Concen: 222.982 ug/l

RT: 3.89 min Scan# 325

Delta R.T. -0.01 min

Lab File: VW007770.D

Acq: 21 Dec 2018 01:45

Instrument :

MSVOA_W

ClientSampleId :

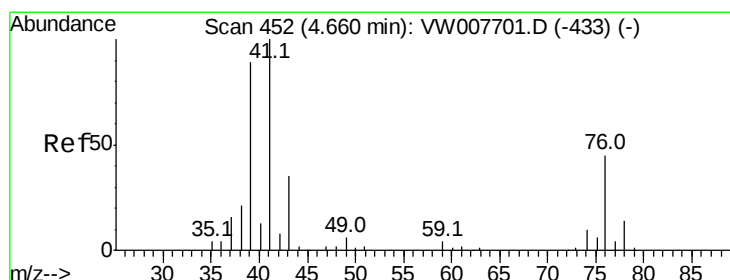
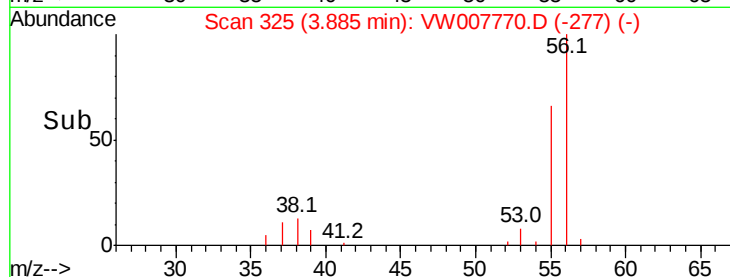
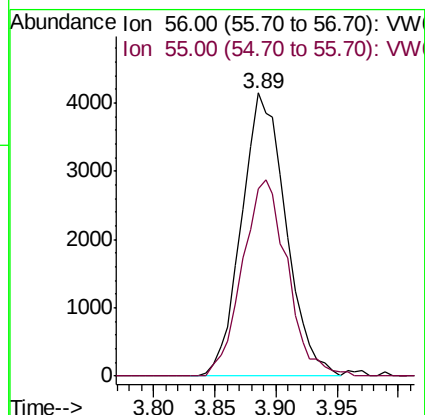
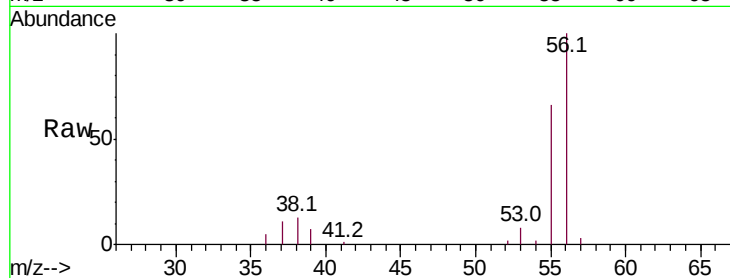
VSTDCCC050EC

Tot Ion: 56 Resp: 10452

Ion Ratio Lower Upper

56 100

55 70.4 57.7 86.5



#14

Allyl chloride

Concen: 49.263 ug/l

RT: 4.67 min Scan# 453

Delta R.T. 0.01 min

Lab File: VW007770.D

Acq: 21 Dec 2018 01:45

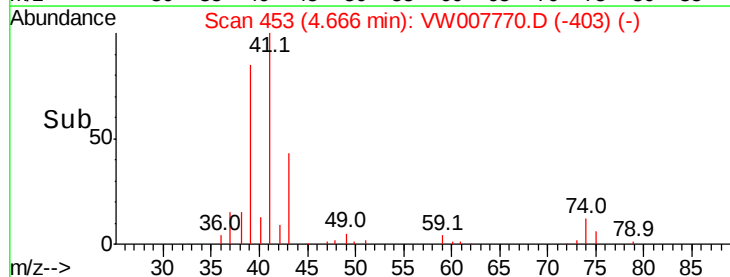
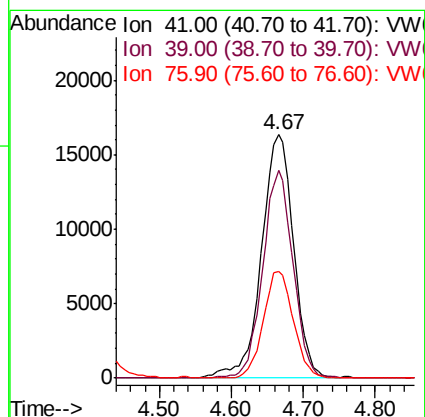
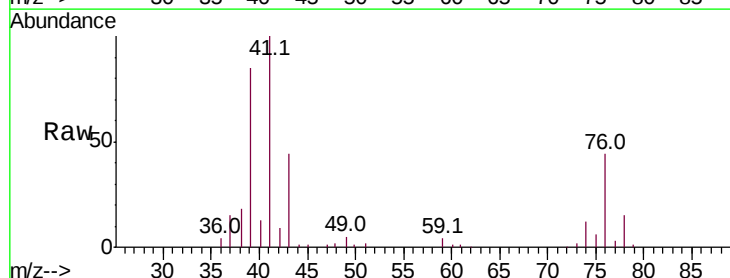
Tgt Ion: 41 Resp: 50537

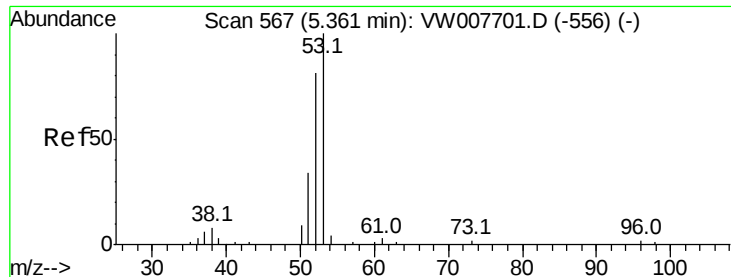
Ion Ratio Lower Upper

41 100

39 80.4 69.5 104.3

76 41.0 34.8 52.2





#15

Acrylonitrile

Concen: 255.046 ug/l

RT: 5.37 min Scan# 568

Delta R.T. 0.01 min

Lab File: VW007770.D

Acq: 21 Dec 2018 01:45

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

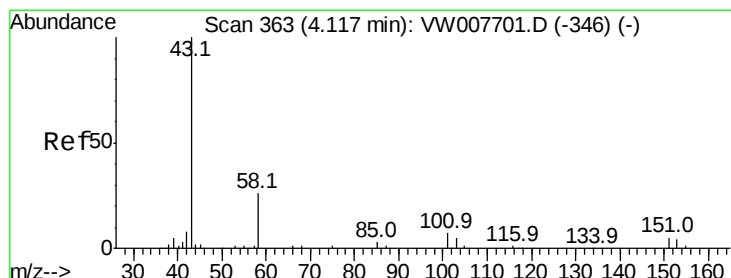
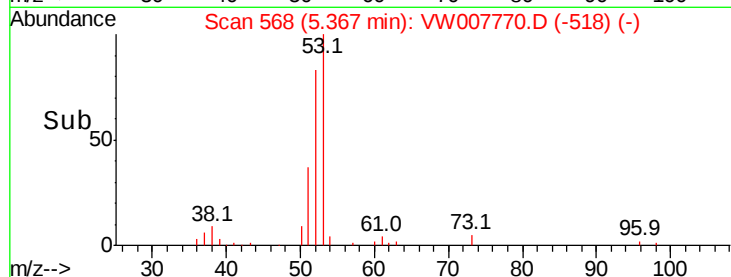
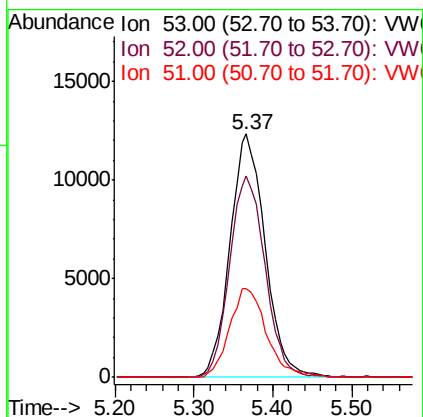
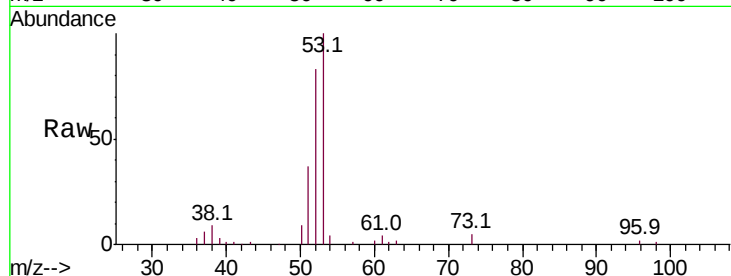
Tot Ion: 53 Resp: 38225

Ion Ratio Lower Upper

53 100

52 83.2 67.0 100.4

51 38.3 30.2 45.2



#16

Acetone

Concen: 212.340 ug/l

RT: 4.12 min Scan# 363

Delta R.T. -0.00 min

Lab File: VW007770.D

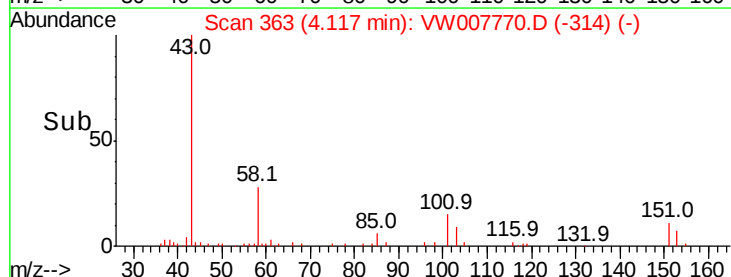
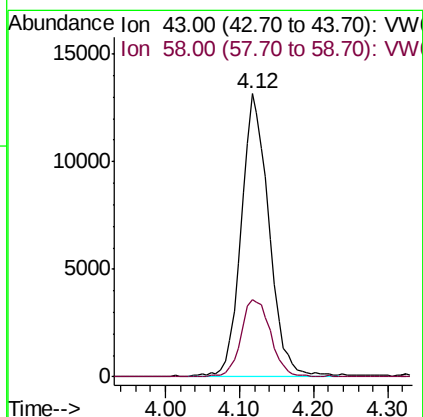
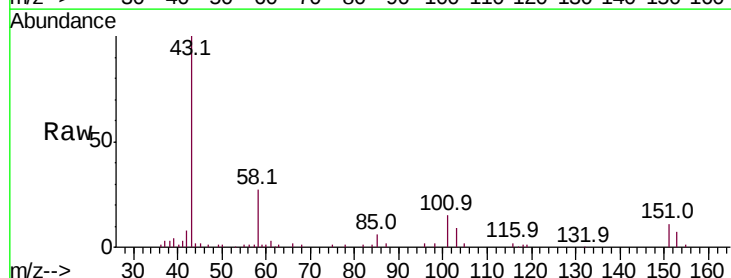
Acq: 21 Dec 2018 01:45

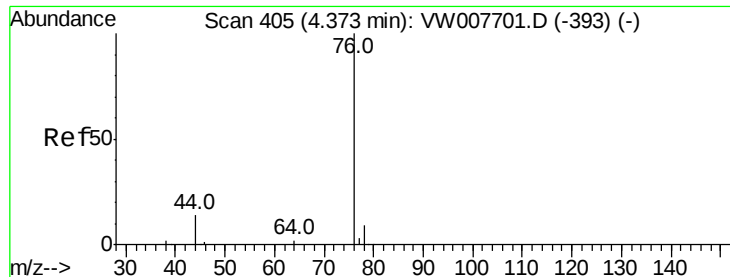
Tgt Ion: 43 Resp: 34556

Ion Ratio Lower Upper

43 100

58 27.3 21.2 31.8





#17

Carbon Disulfide

Concen: 42.311 ug/l

RT: 4.38 min Scan# 406

Delta R.T. 0.01 min

Lab File: VW007770.D

Acq: 21 Dec 2018 01:45

Instrument :

MSVOA_W

ClientSampleId :

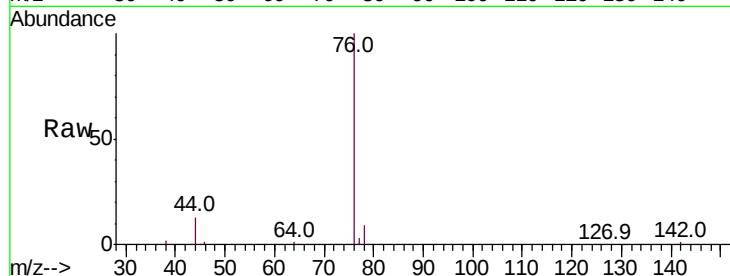
VSTDCCC050EC

Tot Ion: 76 Resp: 102429

Ion Ratio Lower Upper

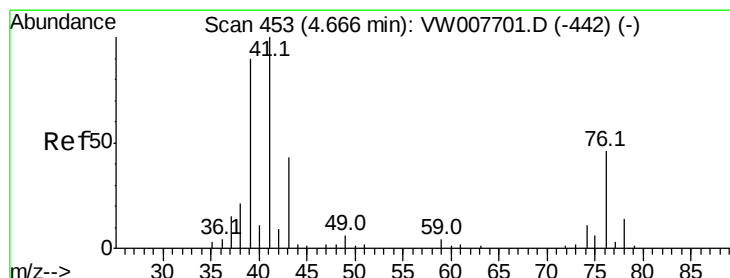
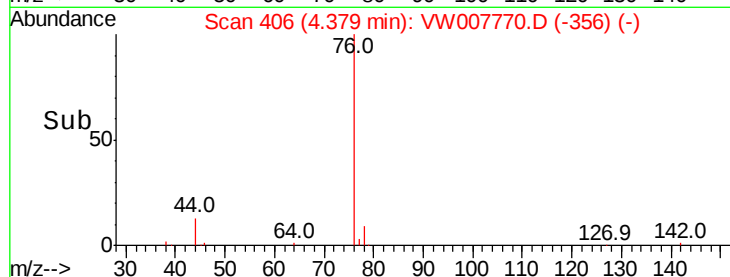
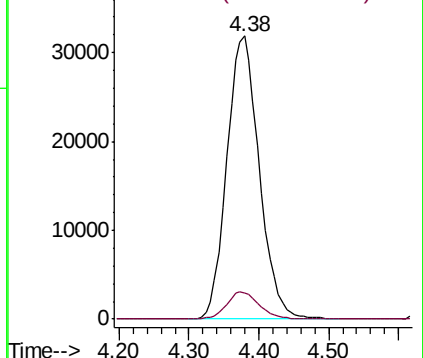
76 100

78 9.4 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW



#18

Methyl Acetate

Concen: 56.342 ug/l

RT: 4.67 min Scan# 454

Delta R.T. 0.01 min

Lab File: VW007770.D

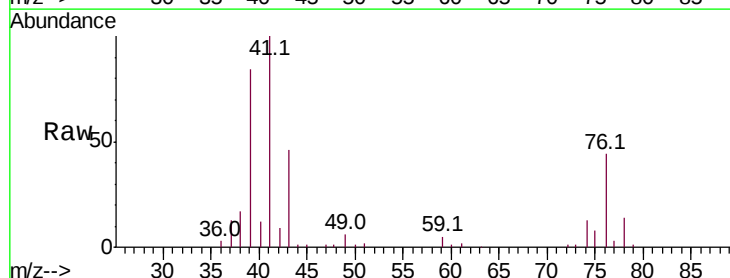
Acq: 21 Dec 2018 01:45

Tgt Ion: 43 Resp: 21806

Ion Ratio Lower Upper

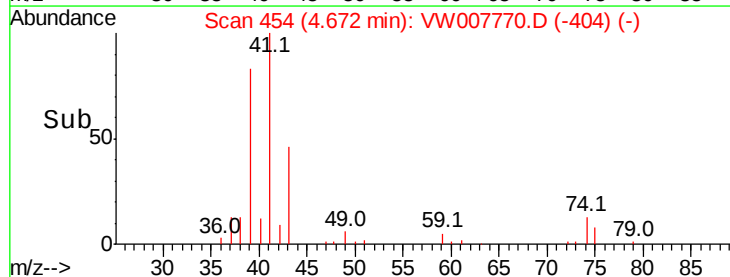
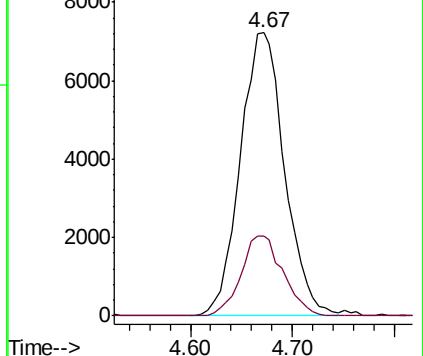
43 100

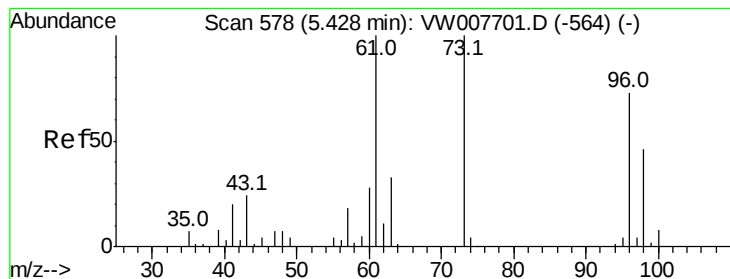
74 26.9 22.7 34.1



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW



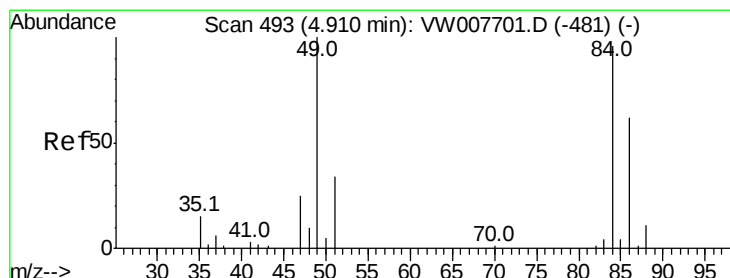
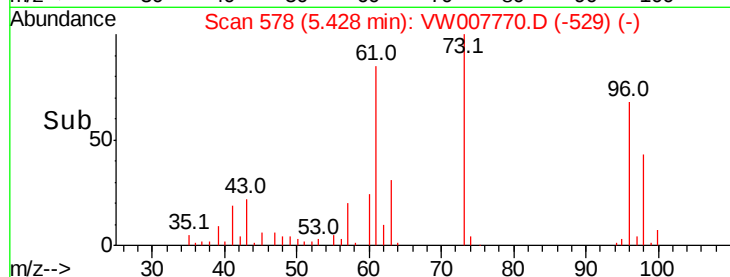
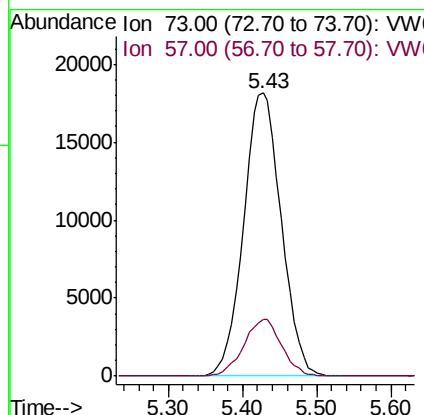
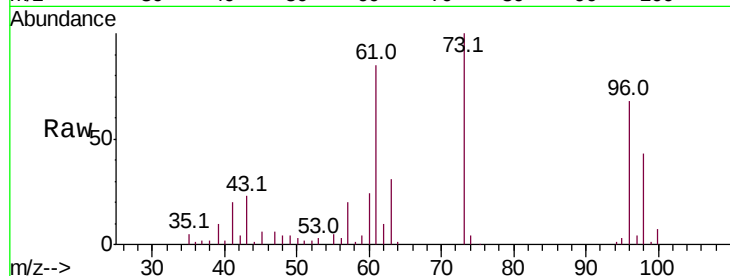


#19

Methyl tert-butyl Ether
 Concen: 57.343 ug/l
 RT: 5.43 min Scan# 578
 Delta R.T. -0.00 min
 Lab File: VW007770.D
 Acq: 21 Dec 2018 01:45

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

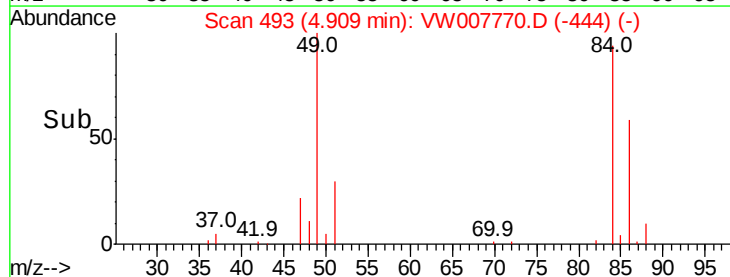
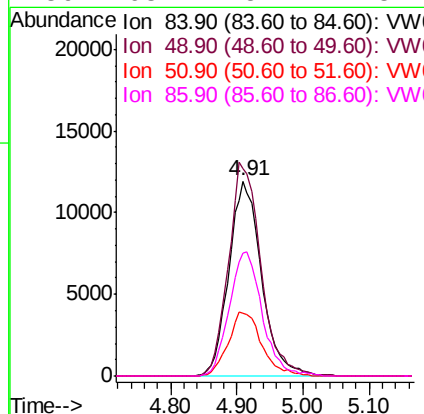
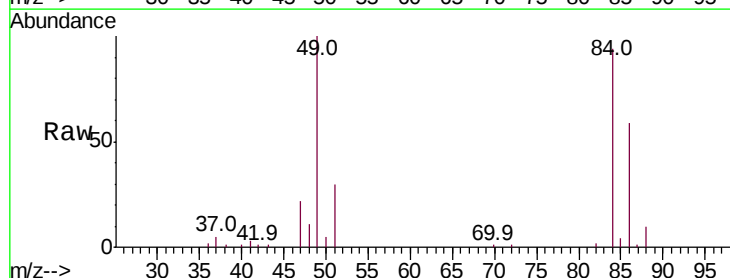
Tot Ion: 73 Resp: 64401
 Ion Ratio Lower Upper
 73 100
 57 20.1 14.7 22.1

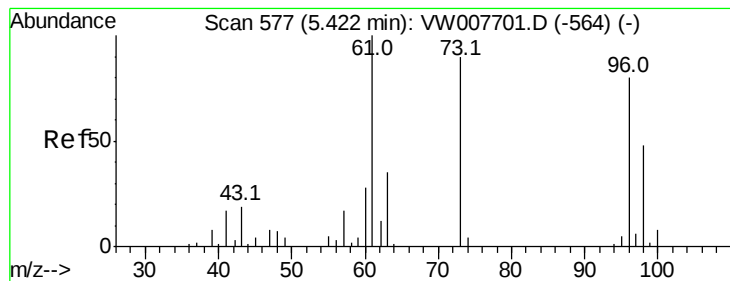


#20

Methylene Chloride
 Concen: 50.063 ug/l
 RT: 4.91 min Scan# 493
 Delta R.T. 0.00 min
 Lab File: VW007770.D
 Acq: 21 Dec 2018 01:45

Tgt Ion: 84 Resp: 40737
 Ion Ratio Lower Upper
 84 100
 49 106.5 83.7 125.5
 51 32.1 28.2 42.2
 86 63.1 52.2 78.2





#21

trans-1,2-Dichloroethene

Concen: 45.607 ug/l

RT: 5.42 min Scan# 577

Delta R.T. -0.00 min

Lab File: VW007770.D

Acq: 21 Dec 2018 01:45

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

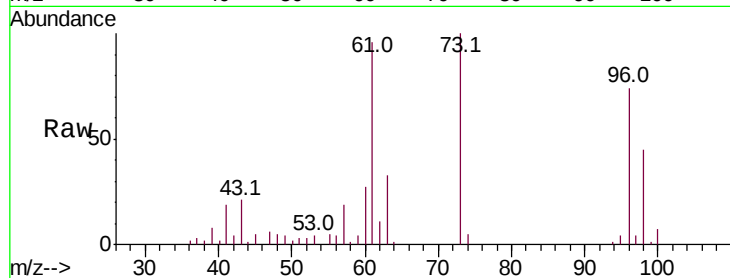
Tot Ion: 96 Resp: 39239

Ion Ratio Lower Upper

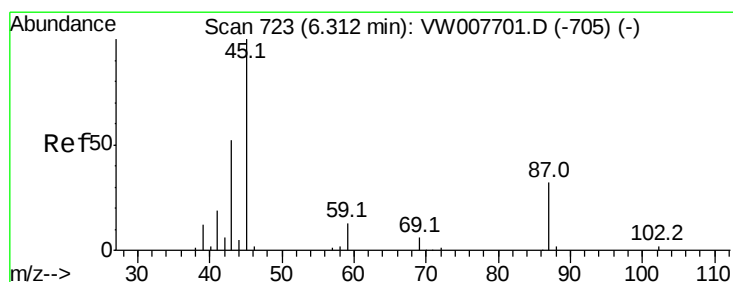
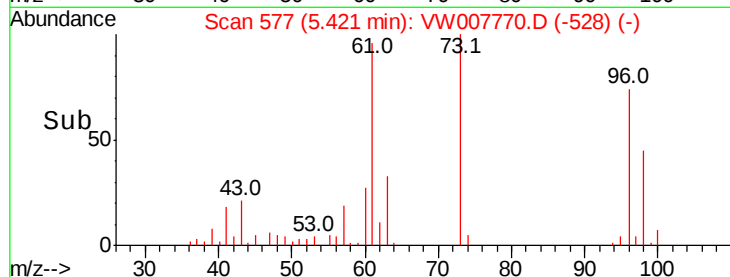
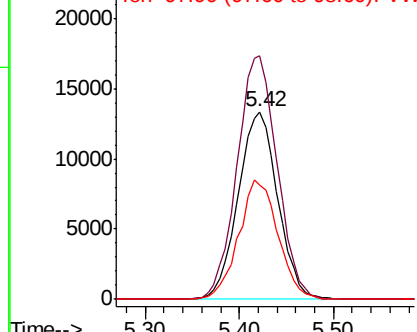
96 100

61 129.8 100.1 150.1

98 60.7 48.5 72.7



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



#22

Diisopropyl ether

Concen: 53.689 ug/l

RT: 6.31 min Scan# 723

Delta R.T. -0.00 min

Lab File: VW007770.D

Acq: 21 Dec 2018 01:45

Tgt Ion: 45 Resp: 103131

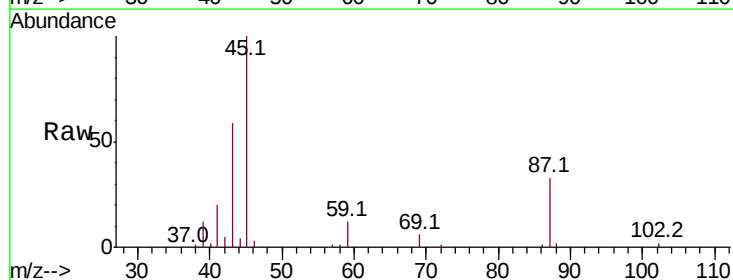
Ion Ratio Lower Upper

45 100

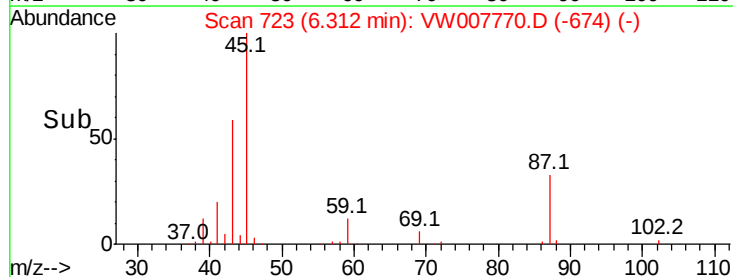
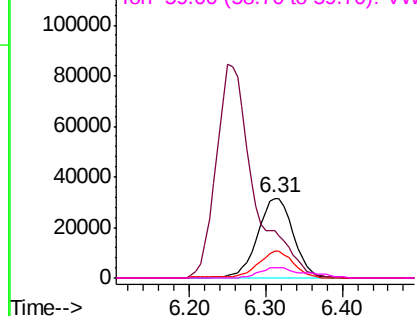
43 58.4 43.7 65.5

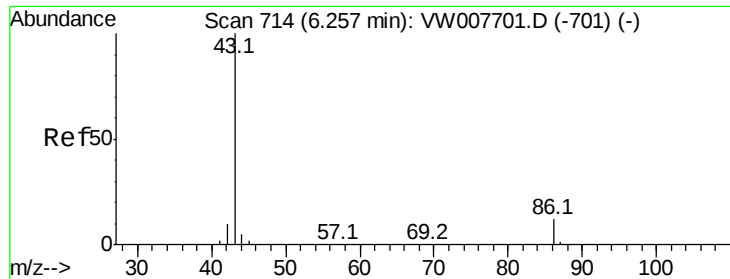
87 33.1 26.6 40.0

59 12.0 10.2 15.2



Abundance Ion 45.00 (44.70 to 45.70): VW
Ion 43.00 (42.70 to 43.70): VW
Ion 87.00 (86.70 to 87.70): VW
Ion 59.00 (58.70 to 59.70): VW





#23

Vinyl Acetate

Concen: 254.398 ug/l

RT: 6.25 min Scan# 713

Delta R.T. -0.01 min

Lab File: VW007770.D

Acq: 21 Dec 2018 01:45

Instrument :

MSVOA_W

ClientSampleId :

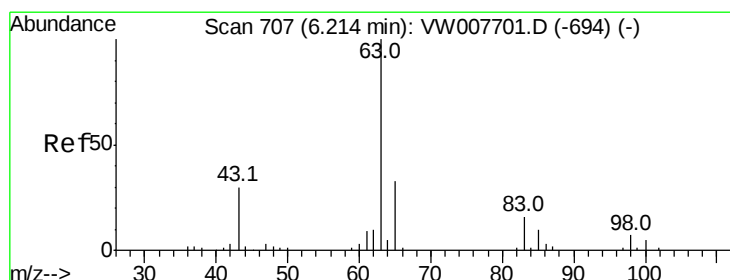
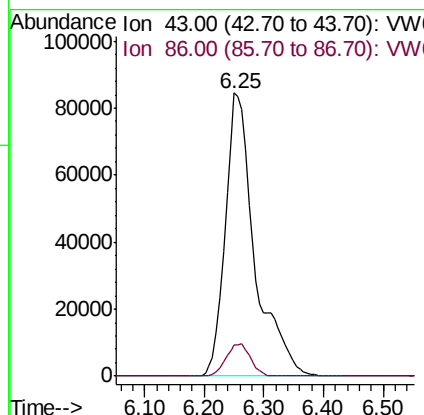
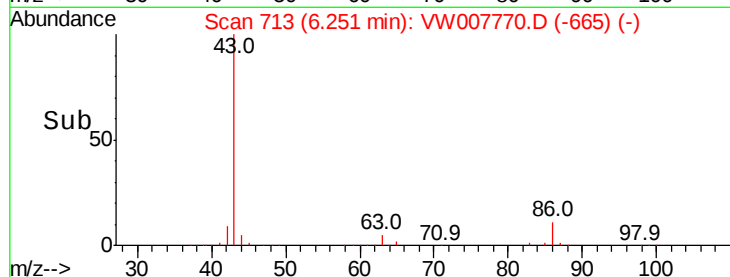
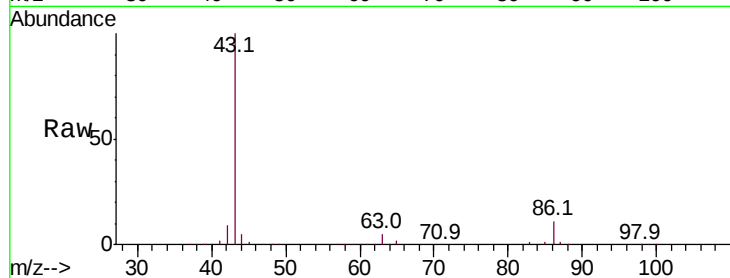
VSTDCCC050EC

Tot Ion: 43 Resp: 290336

Ion Ratio Lower Upper

43 100

86 10.8 9.6 14.4



#24

1,1-Dichloroethane

Concen: 47.814 ug/l

RT: 6.21 min Scan# 707

Delta R.T. -0.00 min

Lab File: VW007770.D

Acq: 21 Dec 2018 01:45

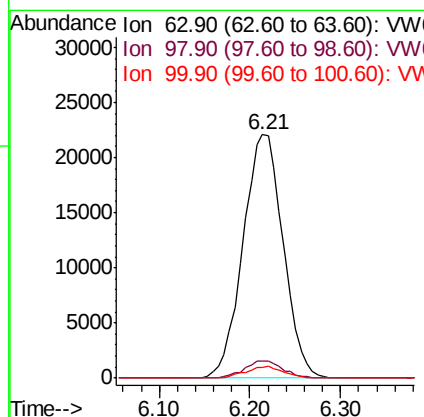
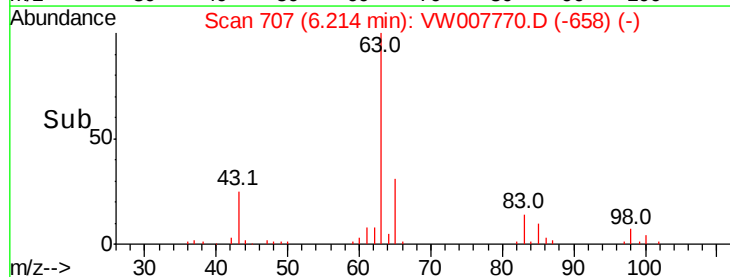
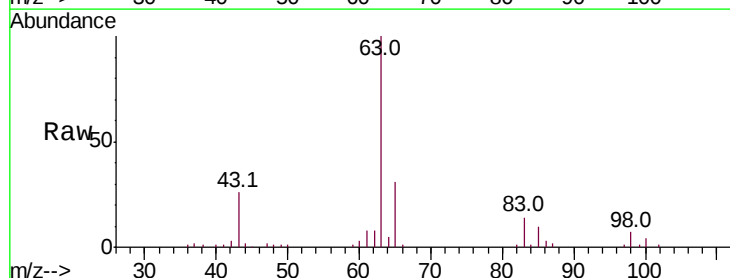
Tgt Ion: 63 Resp: 67568

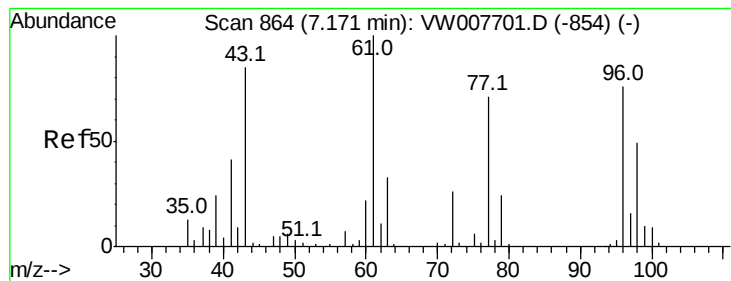
Ion Ratio Lower Upper

63 100

98 6.8 3.6 10.9

100 4.5 2.5 7.5





#25

2-Butanone

Concen: 244.735 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.00 min

Lab File: VW007770.D

Acq: 21 Dec 2018 01:45

Instrument :

MSVOA_W

ClientSampleId :

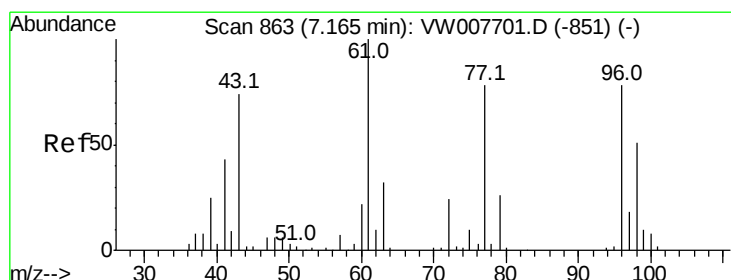
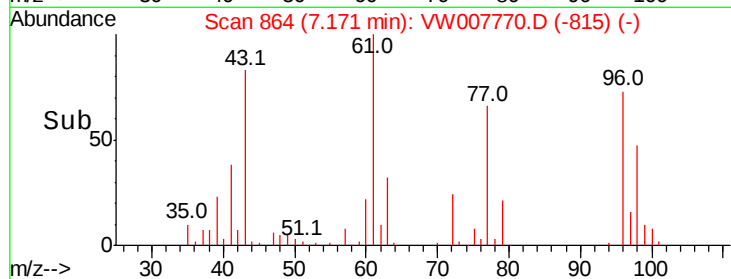
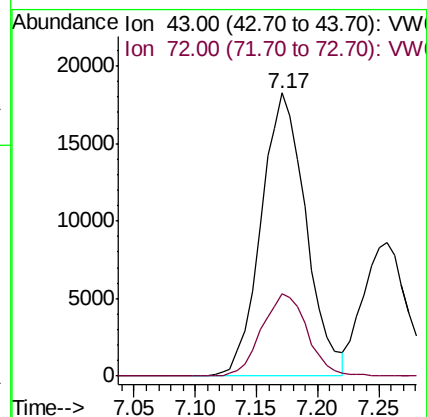
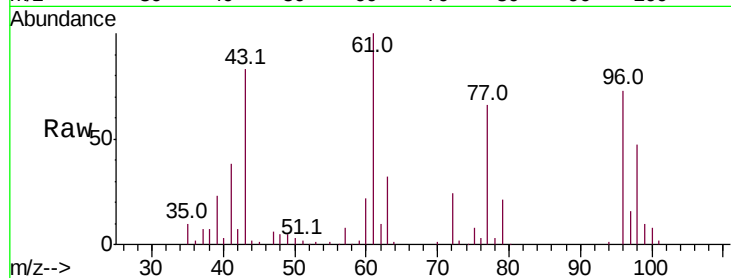
VSTDCCC050EC

Tot Ion: 43 Resp: 46650

Ion Ratio Lower Upper

43 100

72 29.0 24.5 36.7



#26

2,2-Dichloropropane

Concen: 42.529 ug/l

RT: 7.17 min Scan# 863

Delta R.T. -0.00 min

Lab File: VW007770.D

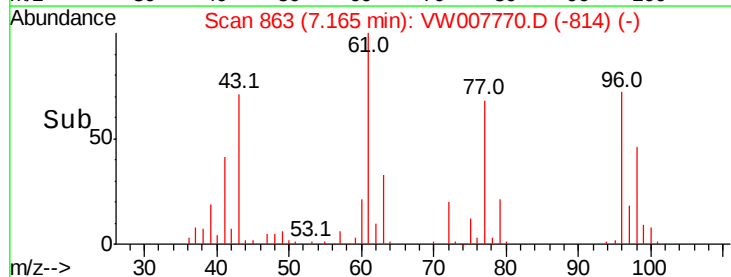
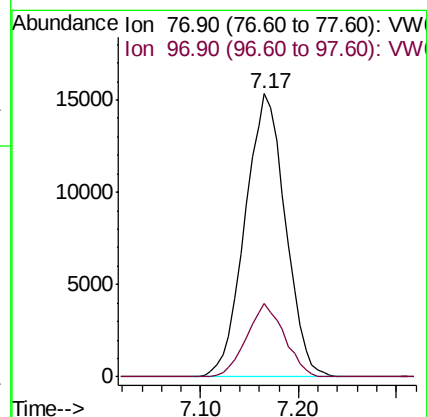
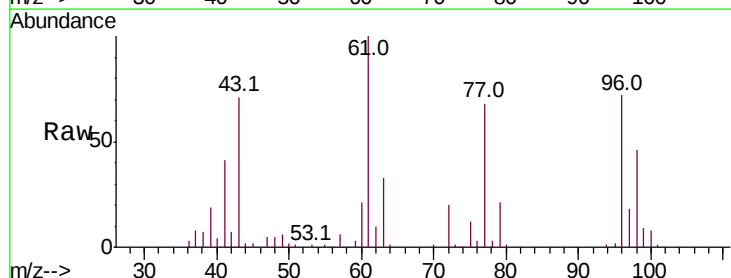
Acq: 21 Dec 2018 01:45

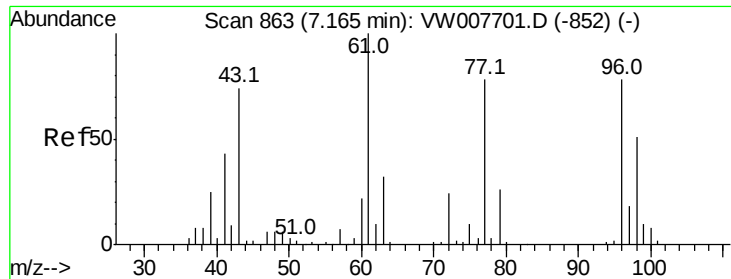
Tgt Ion: 77 Resp: 43978

Ion Ratio Lower Upper

77 100

97 24.1 11.3 33.9



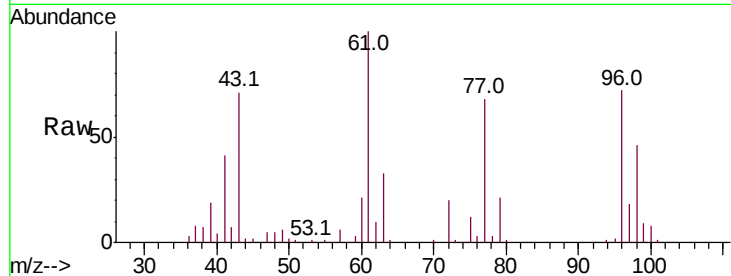


#27

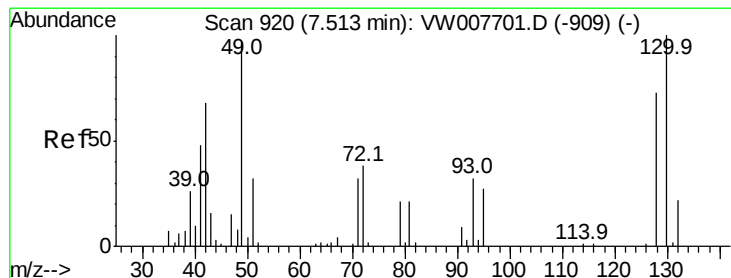
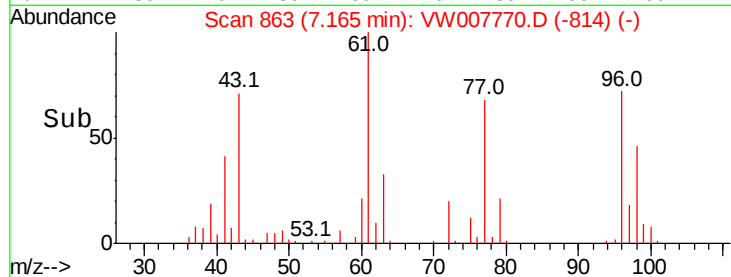
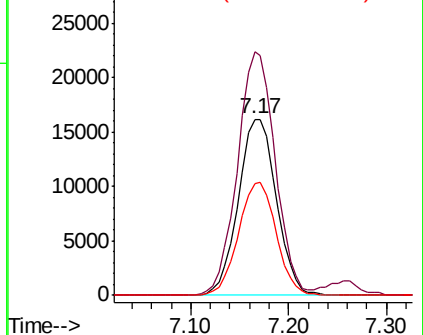
cis-1,2-Dichloroethene
 Concen: 47.634 ug/l
 RT: 7.17 min Scan# 863
 Delta R.T. -0.00 min
 Lab File: VW007770.D
 Acq: 21 Dec 2018 01:45

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 96 Resp: 43663
 Ion Ratio Lower Upper
 96 100
 61 137.5 0.0 271.6
 98 63.5 0.0 131.2



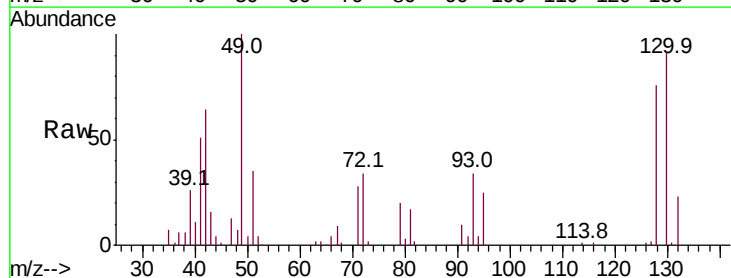
Abundance Ion 95.90 (95.60 to 96.60): VW
 Ion 60.90 (60.60 to 61.60): VW
 Ion 97.90 (97.60 to 98.60): VW



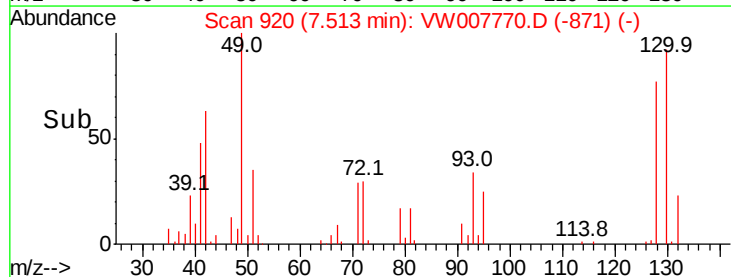
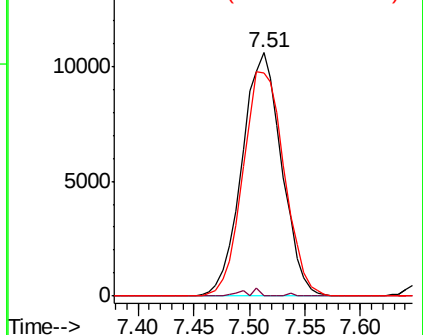
#28

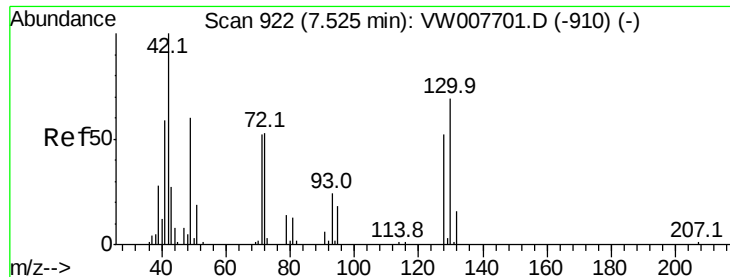
Bromochloromethane
 Concen: 54.569 ug/l
 RT: 7.51 min Scan# 920
 Delta R.T. -0.00 min
 Lab File: VW007770.D
 Acq: 21 Dec 2018 01:45

Tgt Ion: 49 Resp: 26292
 Ion Ratio Lower Upper
 49 100
 129 0.6 0.0 2.2
 130 96.0 81.5 122.3



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

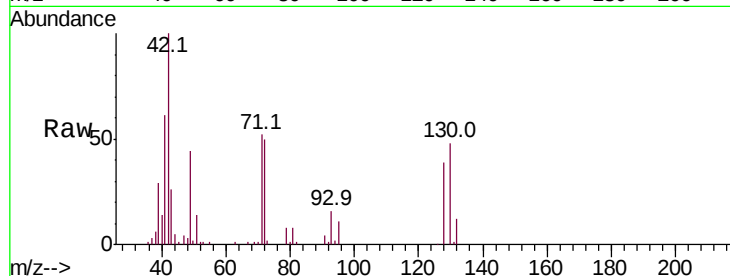




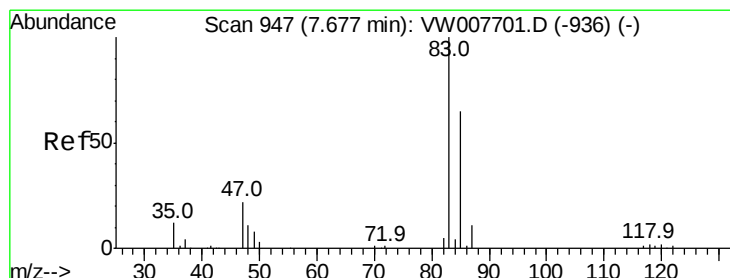
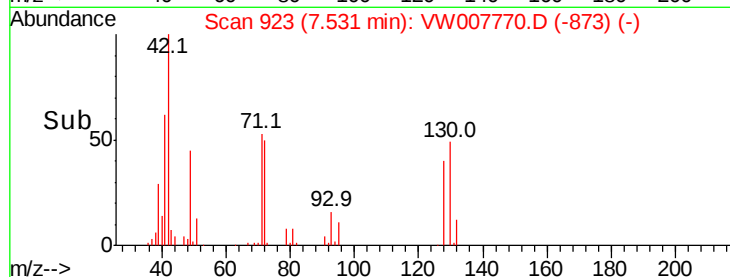
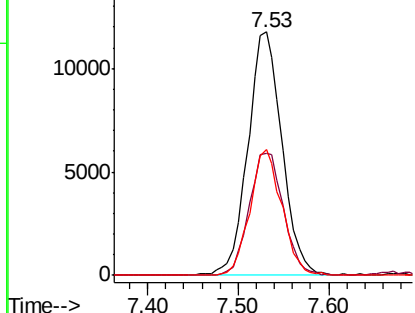
#29
Tetrahydrofuran
Concen: 269.264 ug/l
RT: 7.53 min Scan# 923
Delta R.T. 0.01 min
Lab File: VW007770.D
Acq: 21 Dec 2018 01:45

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion: 42 Resp: 30615
Ion Ratio Lower Upper
42 100
72 50.5 41.7 62.5
71 48.4 39.0 58.6

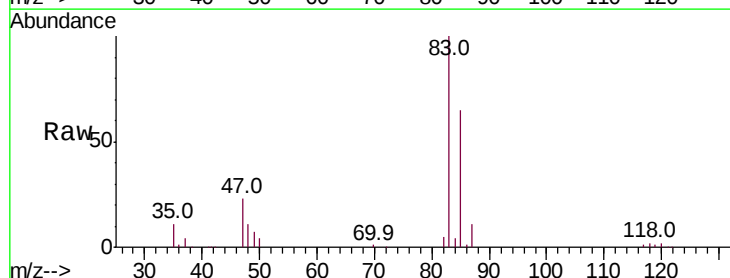


Abundance Ion 42.00 (41.70 to 42.70): VW
Ion 72.00 (71.70 to 72.70): VW
Ion 71.00 (70.70 to 71.70): VW

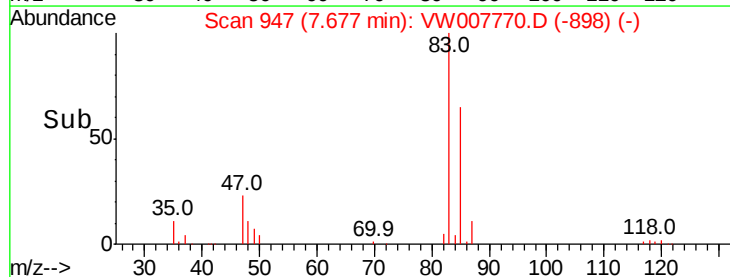
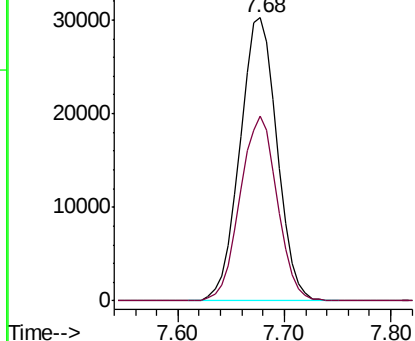


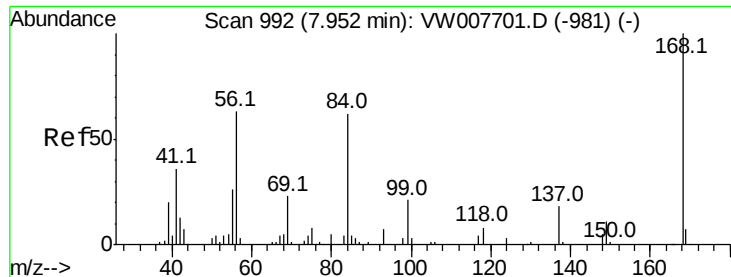
#30
Chloroform
Concen: 46.329 ug/l
RT: 7.68 min Scan# 947
Delta R.T. -0.00 min
Lab File: VW007770.D
Acq: 21 Dec 2018 01:45

Tgt Ion: 83 Resp: 74091
Ion Ratio Lower Upper
83 100
85 65.3 52.2 78.2



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

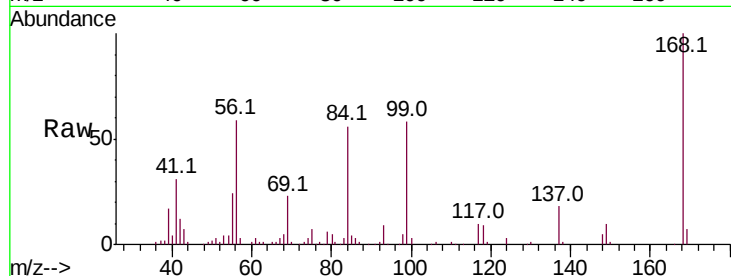




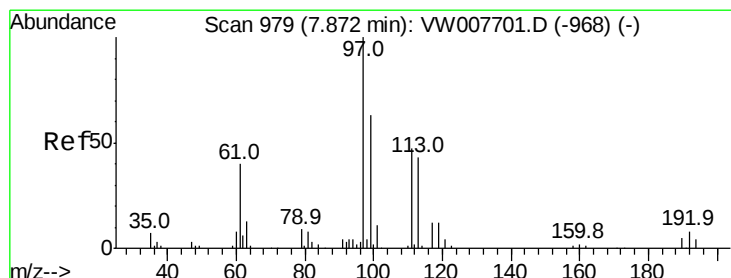
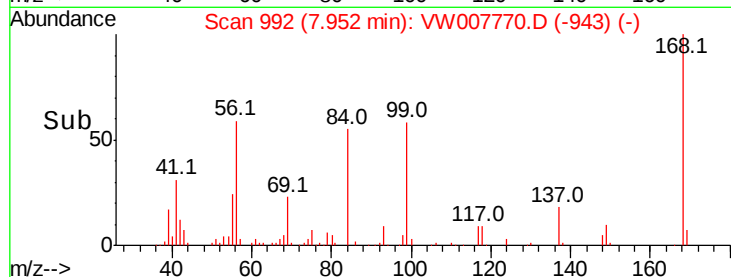
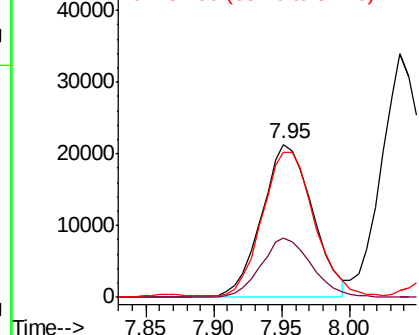
#31
Cyclohexane
Concen: 42.853 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.00 min
Lab File: VW007770.D
Acq: 21 Dec 2018 01:45

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion: 56 Resp: 55438
Ion Ratio Lower Upper
56 100
69 38.4 29.7 44.5
84 93.4 78.9 118.3

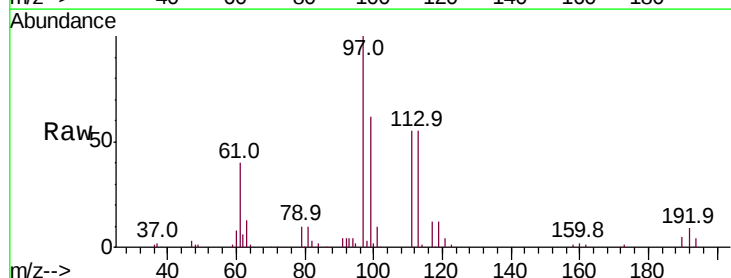


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

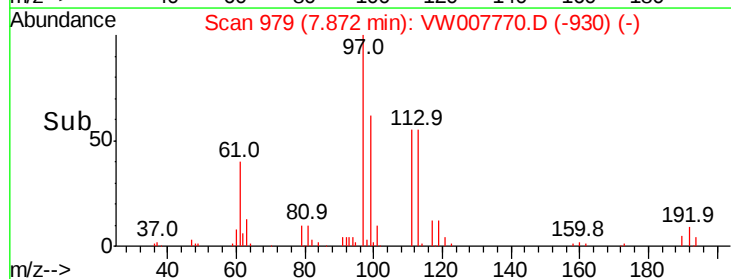
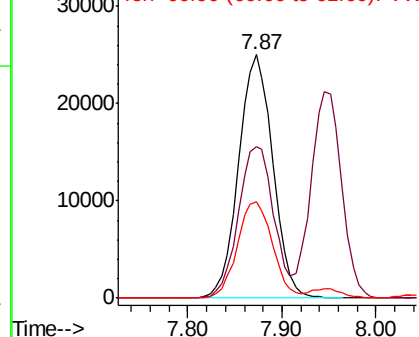


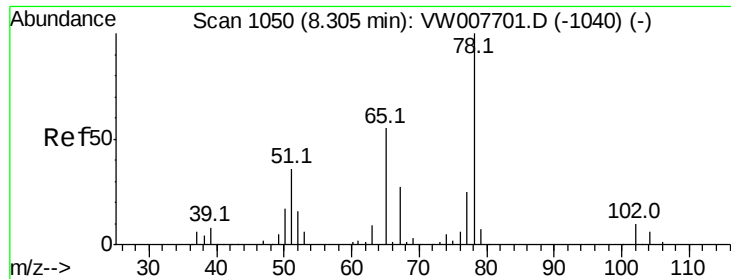
#32
1,1,1-Trichloroethane
Concen: 43.233 ug/l
RT: 7.87 min Scan# 979
Delta R.T. -0.00 min
Lab File: VW007770.D
Acq: 21 Dec 2018 01:45

Tgt Ion: 97 Resp: 62968
Ion Ratio Lower Upper
97 100
99 64.2 50.6 76.0
61 40.7 32.3 48.5



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

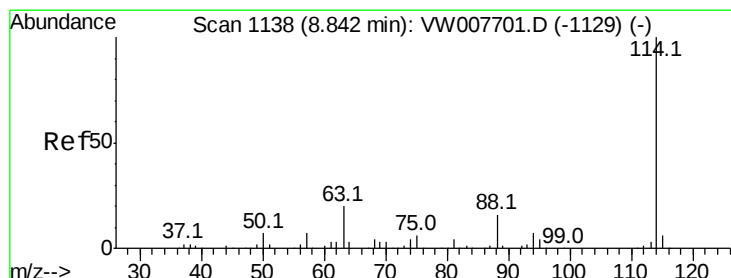
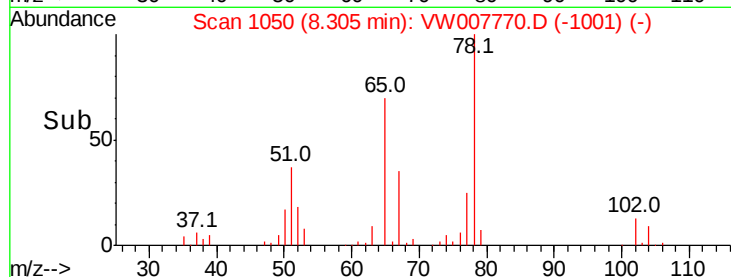
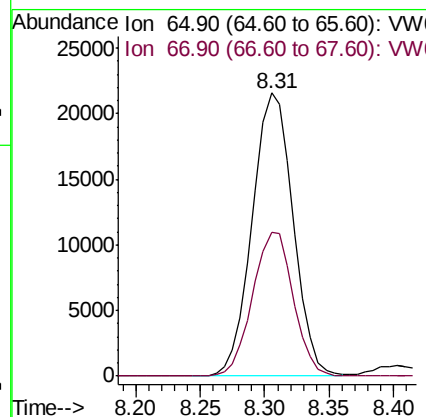
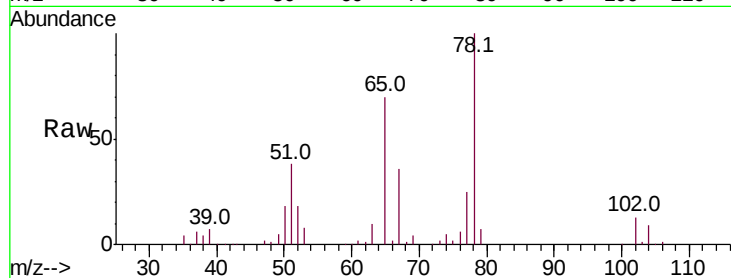




#33
 1,2-Dichloroethane-d4
 Concen: 54.505 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW007770.D
 Acq: 21 Dec 2018 01:45

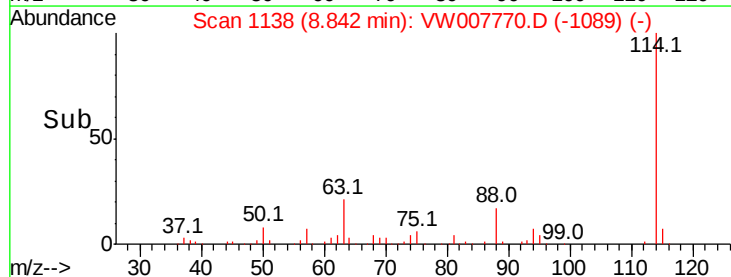
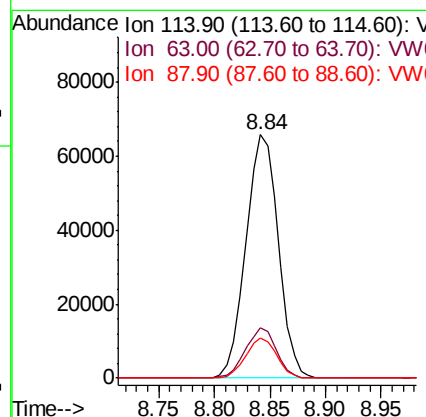
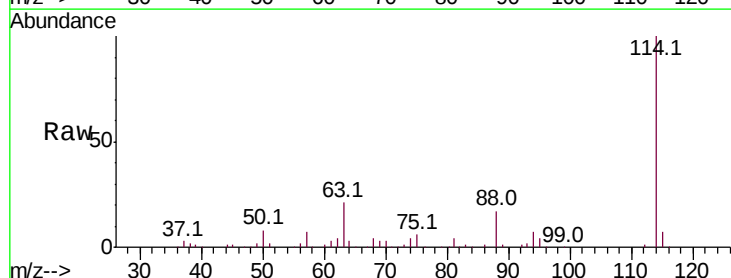
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

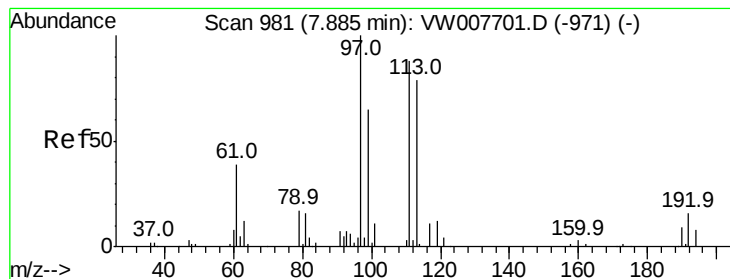
Tot Ion: 65 Resp: 47368
 Ion Ratio Lower Upper
 65 100
 67 50.5 0.0 100.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW007770.D
 Acq: 21 Dec 2018 01:45

Tgt Ion: 114 Resp: 132951
 Ion Ratio Lower Upper
 114 100
 63 20.8 0.0 40.0
 88 16.6 0.0 32.6





#35

Dibromofluoromethane

Concen: 52.954 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW007770.D

Acq: 21 Dec 2018 01:45

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

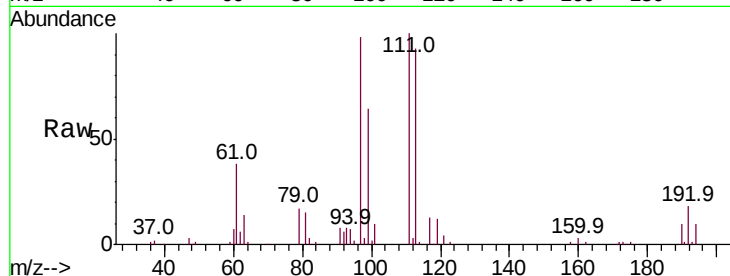
Tot Ion:113 Resp: 42949

Ion Ratio Lower Upper

113 100

111 102.9 82.6 124.0

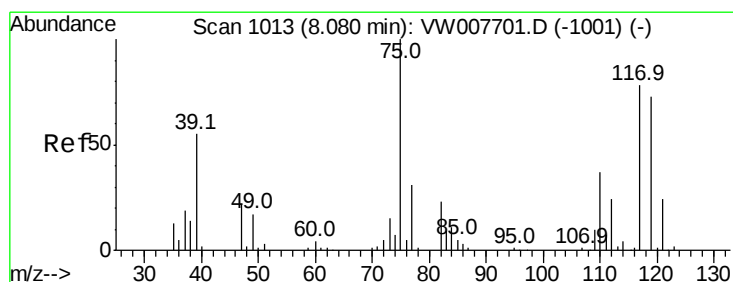
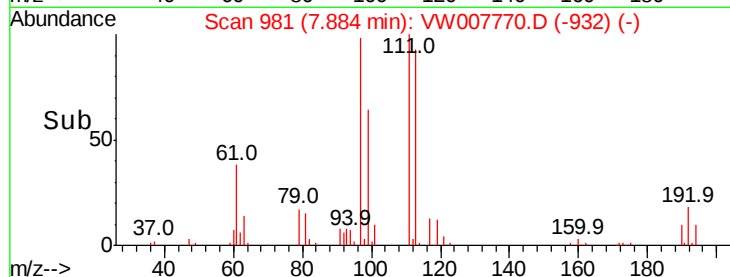
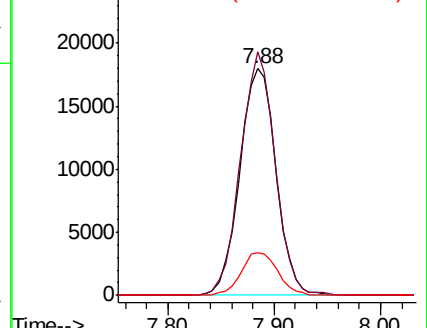
192 19.0 15.5 23.3



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: 42.418 ug/l

RT: 8.08 min Scan# 1013

Delta R.T. -0.00 min

Lab File: VW007770.D

Acq: 21 Dec 2018 01:45

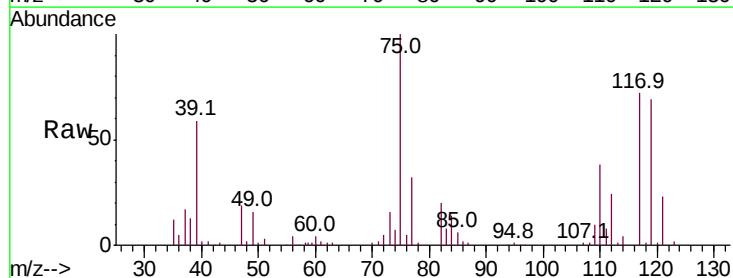
Tgt Ion: 75 Resp: 54431

Ion Ratio Lower Upper

75 100

110 37.0 18.6 55.8

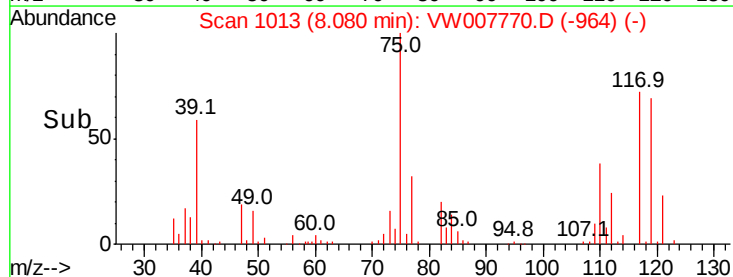
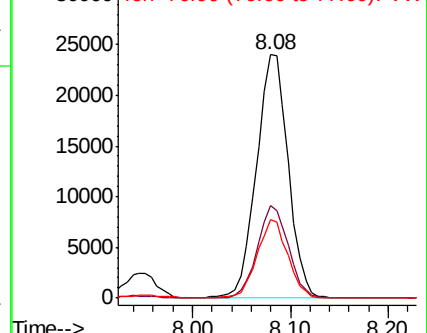
77 31.1 25.0 37.4

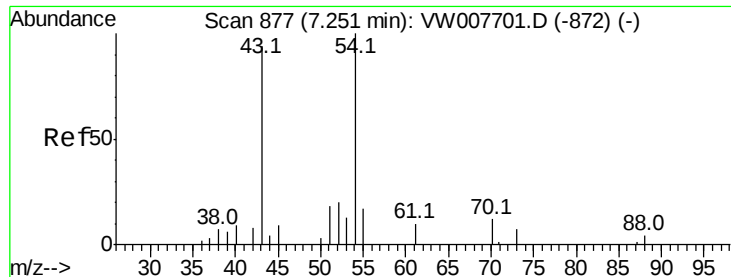


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW

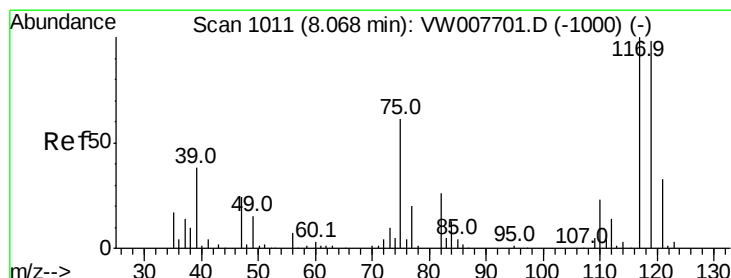
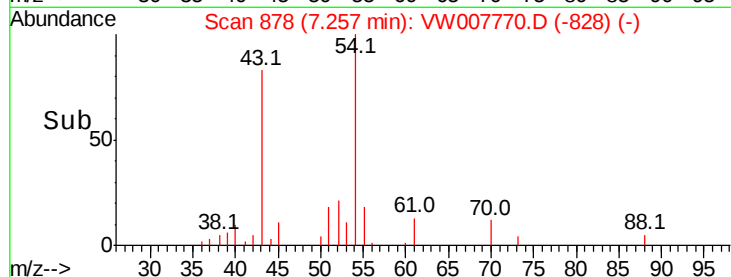
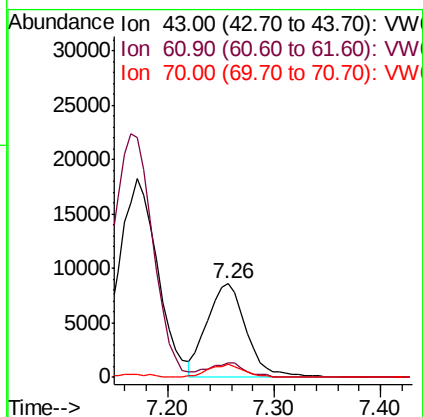
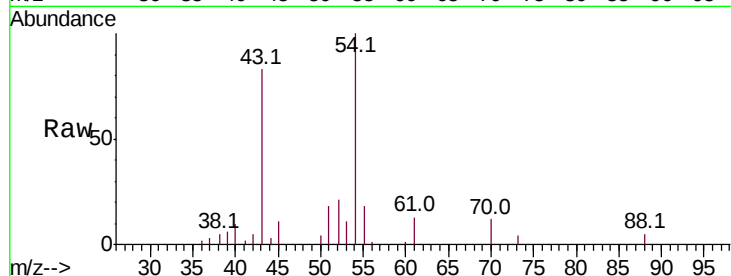




#37
Ethyl Acetate
Concen: 49.684 ug/l
RT: 7.26 min Scan# 878
Delta R.T. 0.01 min
Lab File: VW007770.D
Acq: 21 Dec 2018 01:45

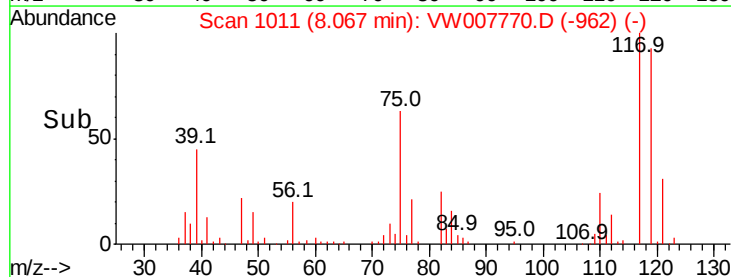
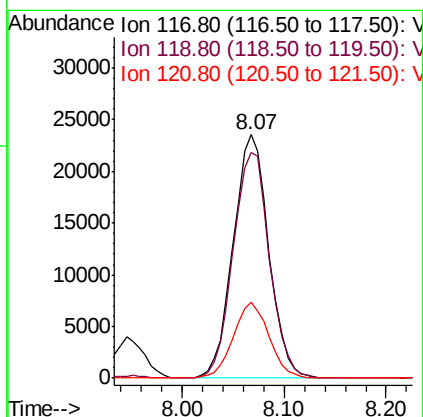
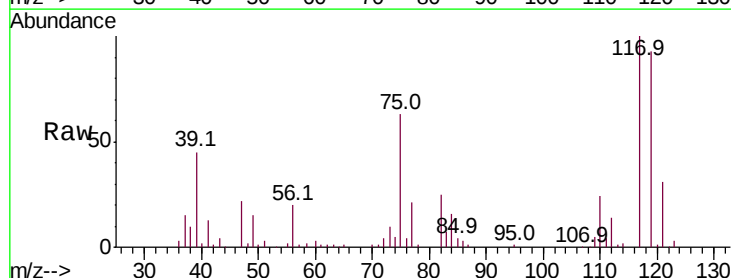
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

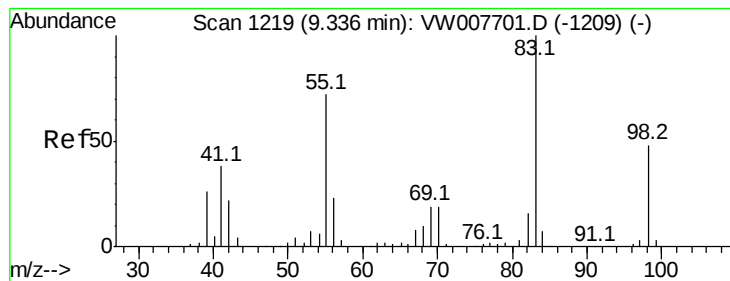
Tot Ion: 43 Resp: 22003
Ion Ratio Lower Upper
43 100
61 14.4 11.2 16.8
70 12.4 9.3 13.9



#38
Carbon Tetrachloride
Concen: 37.630 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.00 min
Lab File: VW007770.D
Acq: 21 Dec 2018 01:45

Tgt Ion: 117 Resp: 56867
Ion Ratio Lower Upper
117 100
119 92.6 78.2 117.2
121 31.1 26.1 39.1





#39

Methvlcvclohexane

Concen: 43.038 ug/l

RT: 9.34 min Scan# 1219

Delta R.T. -0.00 min

Lab File: VW007770.D

Acq: 21 Dec 2018 01:45

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

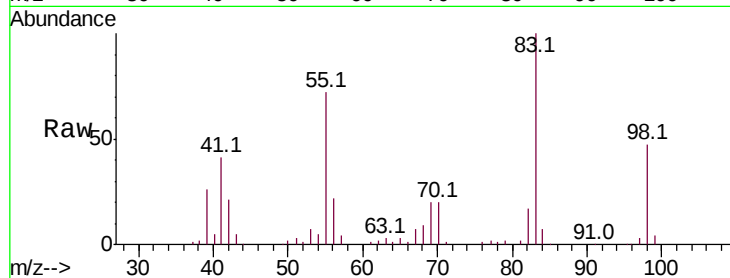
Tot Ion: 83 Resp: 68626

Ion Ratio Lower Upper

83 100

55 72.2 57.2 85.8

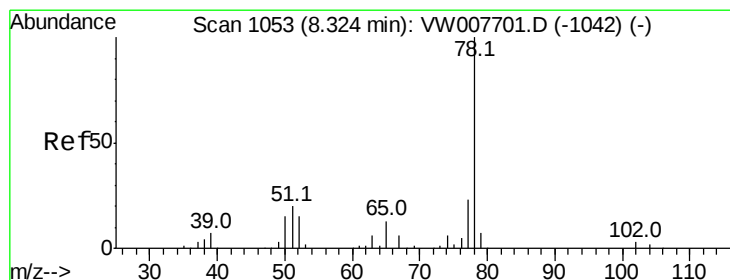
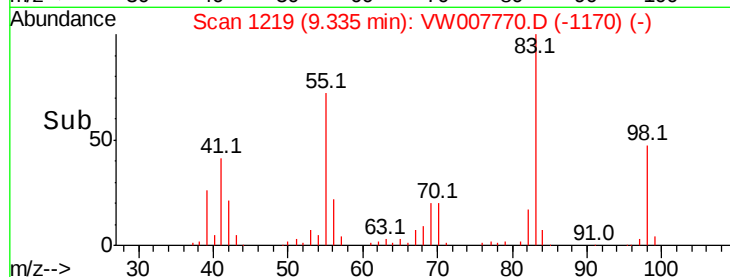
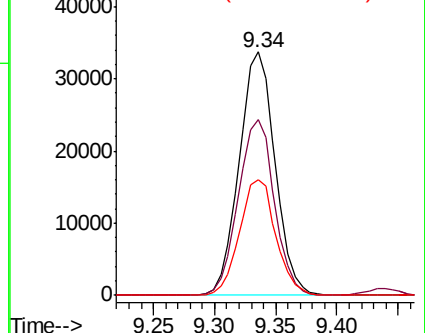
98 47.5 38.6 58.0



Abundance Ion 83.00 (82.70 to 83.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 98.00 (97.70 to 98.70): VW



#40

Benzene

Concen: 45.159 ug/l

RT: 8.32 min Scan# 1053

Delta R.T. -0.00 min

Lab File: VW007770.D

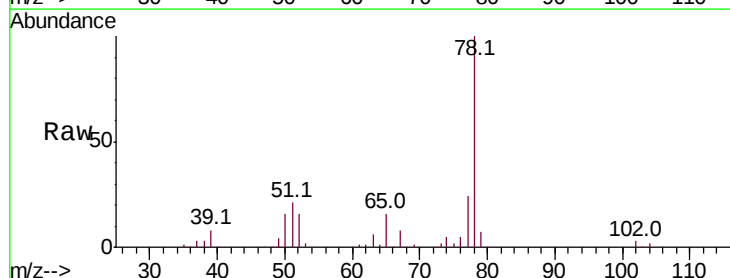
Acq: 21 Dec 2018 01:45

Tgt Ion: 78 Resp: 154635

Ion Ratio Lower Upper

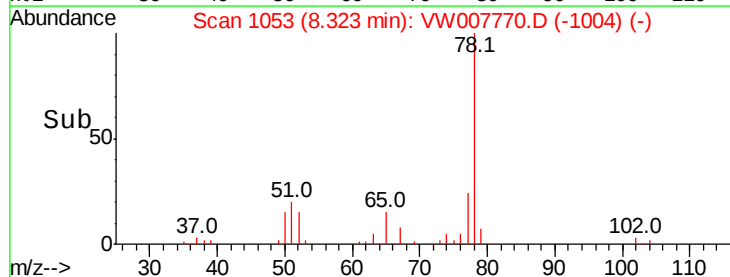
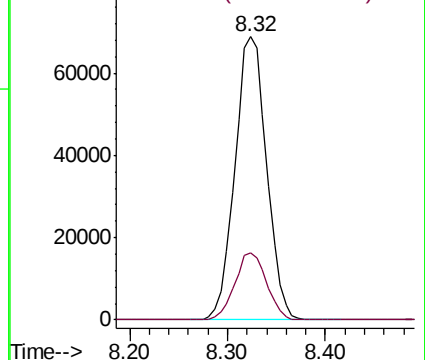
78 100

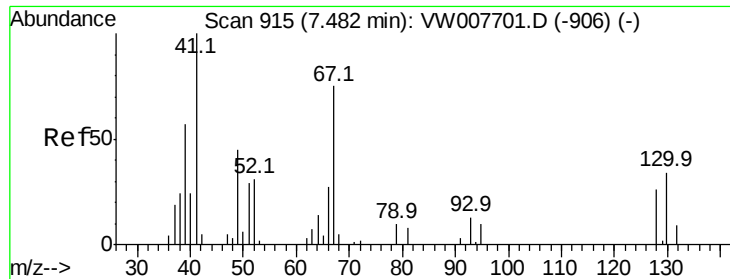
77 23.9 18.7 28.1



Abundance Ion 78.00 (77.70 to 78.70): VW

Ion 77.00 (76.70 to 77.70): VW

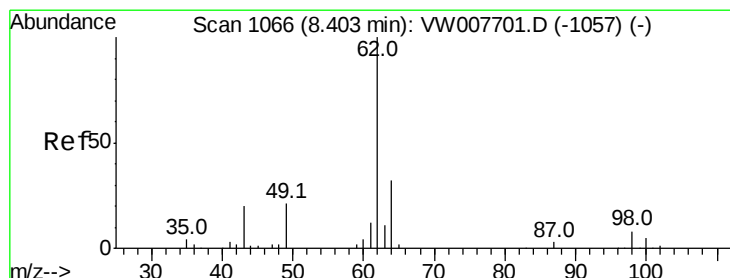
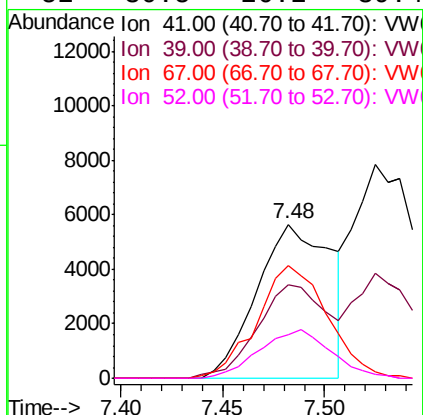
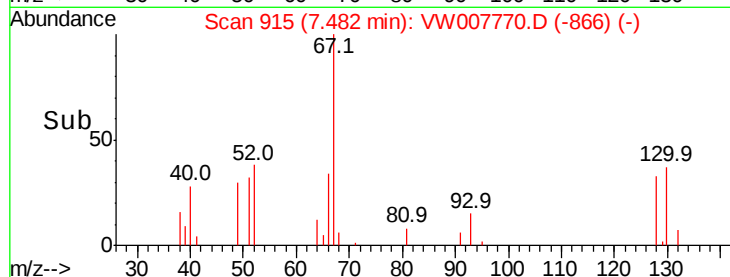
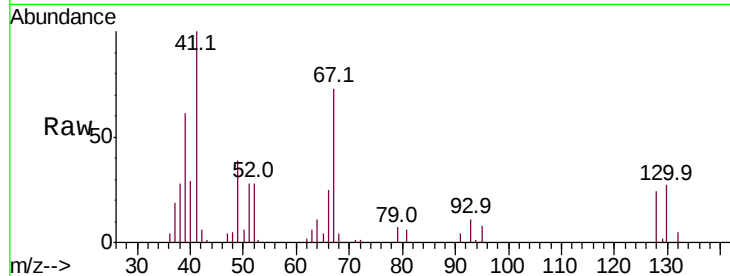




#41
Methacrylonitrile
Concen: 56.862 ug/l
RT: 7.48 min Scan# 915
Delta R.T. -0.00 min
Lab File: VW007770.D
Acq: 21 Dec 2018 01:45

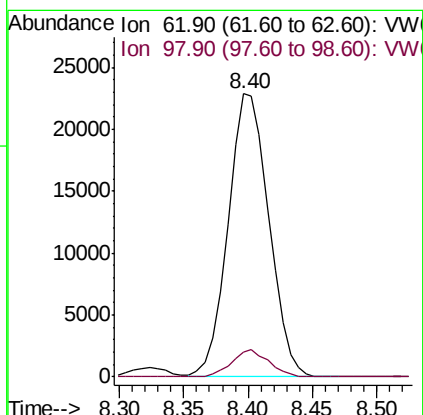
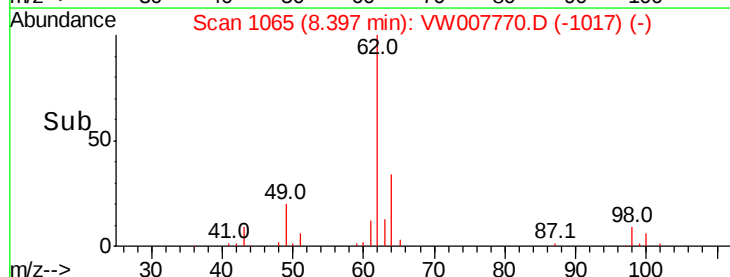
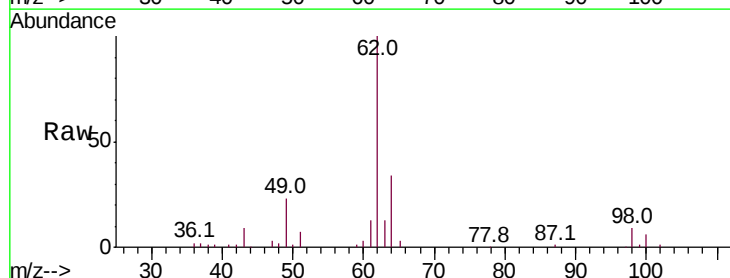
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

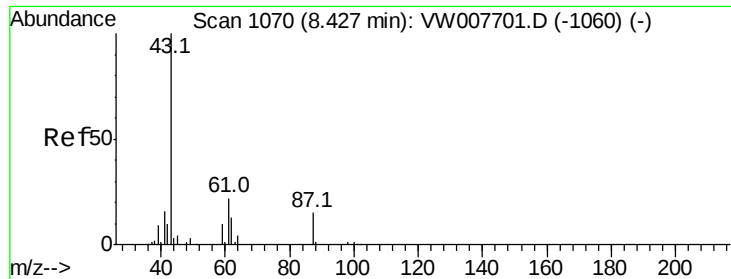
Tot Ion:	41	Resp:	14297
Ion	Ratio	Lower	Upper
41	100		
39	57.8	54.2	81.4
67	69.7	65.7	98.5
52	30.5	26.2	39.4



#42
1,2-Dichloroethane
Concen: 43.780 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. -0.01 min
Lab File: VW007770.D
Acq: 21 Dec 2018 01:45

Tgt Ion:	62	Resp:	50239
Ion	Ratio	Lower	Upper
62	100		
98	8.7	0.0	16.6





#43

Isopropyl Acetate

Concen: 49.830 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. -0.00 min

Lab File: VW007770.D

Acq: 21 Dec 2018 01:45

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

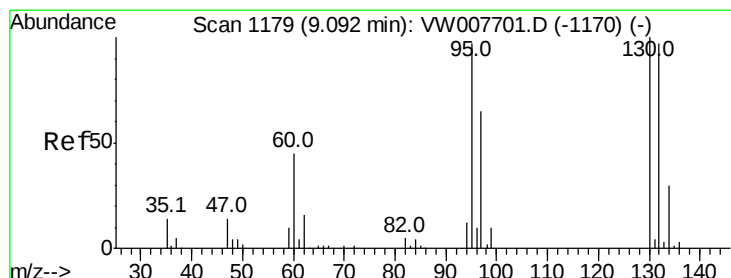
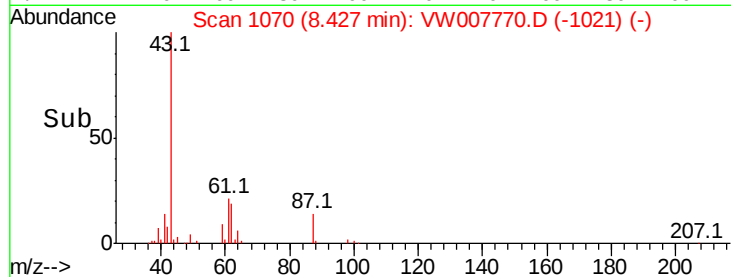
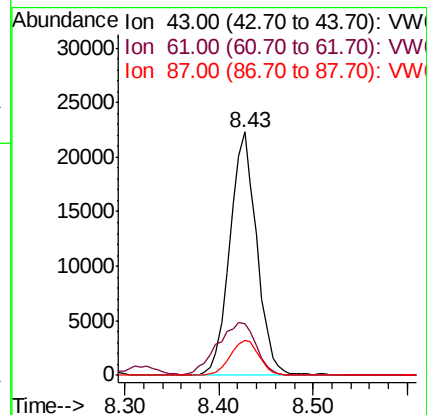
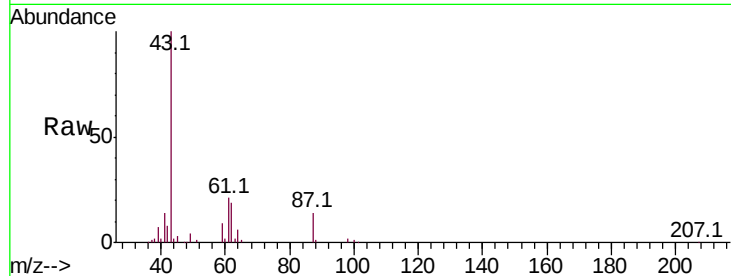
Tot Ion: 43 Resp: 44211

Ion Ratio Lower Upper

43 100

61 31.5 26.3 39.5

87 15.5 12.0 18.0



#44

Trichloroethene

Concen: 43.334 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. -0.00 min

Lab File: VW007770.D

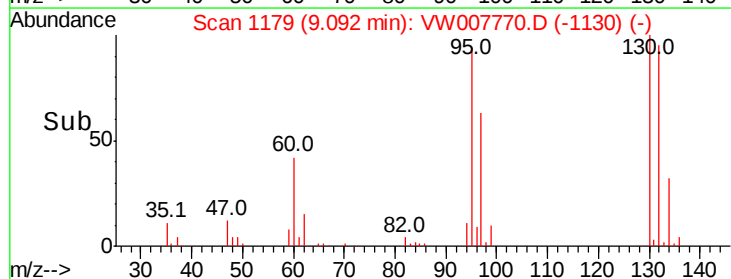
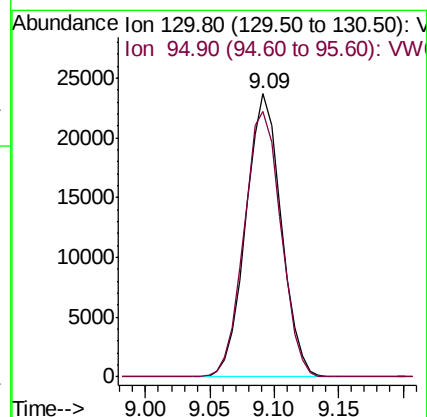
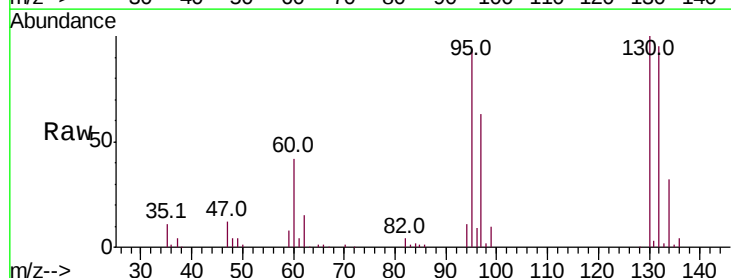
Acq: 21 Dec 2018 01:45

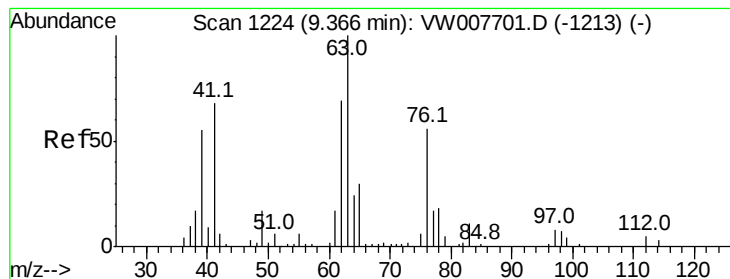
Tgt Ion: 130 Resp: 44874

Ion Ratio Lower Upper

130 100

95 94.0 0.0 194.8





#45

1,2-Dichloropropane

Concen: 47.885 ug/l

RT: 9.37 min Scan# 1225

Delta R.T. 0.01 min

Lab File: VW007770.D

Acq: 21 Dec 2018 01:45

Instrument :

MSVOA_W

ClientSampleId :

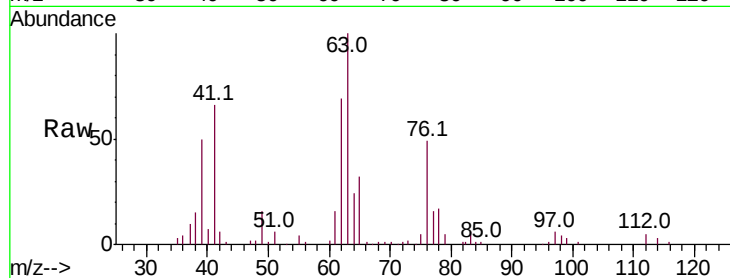
VSTDCCC050EC

Tot Ion: 63 Resp: 36383

Ion Ratio Lower Upper

63 100

65 31.6 23.8 35.8



Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 64.90 (64.60 to 65.60): VW

9.37

20000

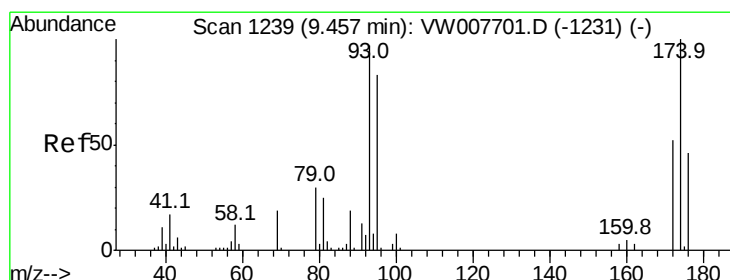
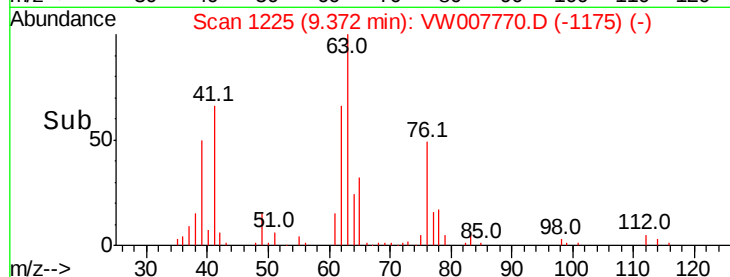
15000

10000

5000

0

Time--> 9.25 9.30 9.35 9.40 9.45



#46

Dibromomethane

Concen: 44.290 ug/l

RT: 9.46 min Scan# 1239

Delta R.T. -0.00 min

Lab File: VW007770.D

Acq: 21 Dec 2018 01:45

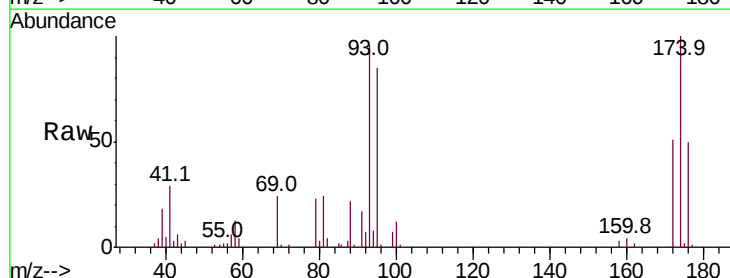
Tgt Ion: 93 Resp: 20715

Ion Ratio Lower Upper

93 100

95 85.8 67.5 101.3

174 105.4 83.9 125.9



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

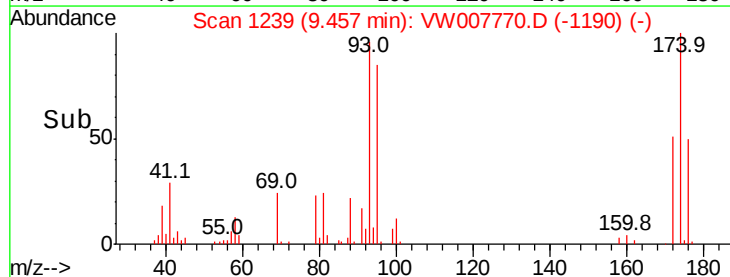
15000

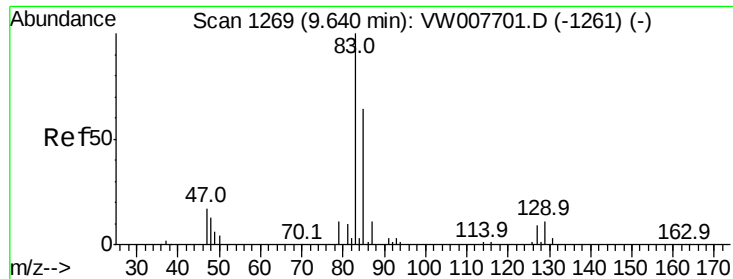
10000

5000

0

Time--> 9.40 9.45 9.50





#47

Bromodichloromethane

Concen: 43.517 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. 0.01 min

Lab File: VW007770.D

Acq: 21 Dec 2018 01:45

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

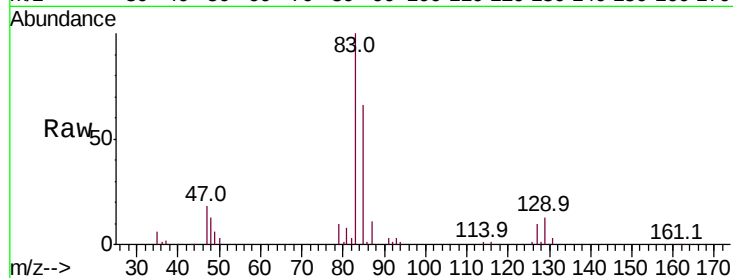
Tot Ion: 83 Resp: 53508

Ion Ratio Lower Upper

83 100

85 66.2 51.4 77.0

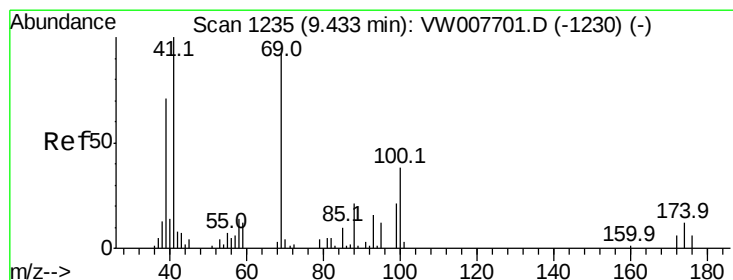
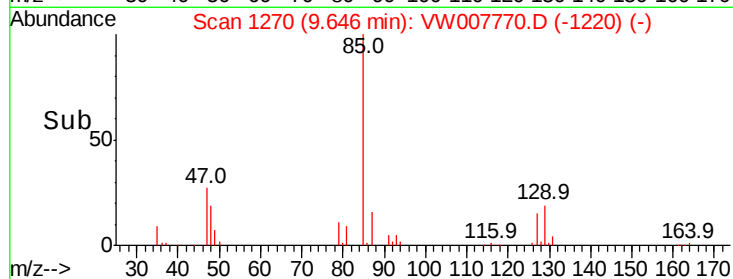
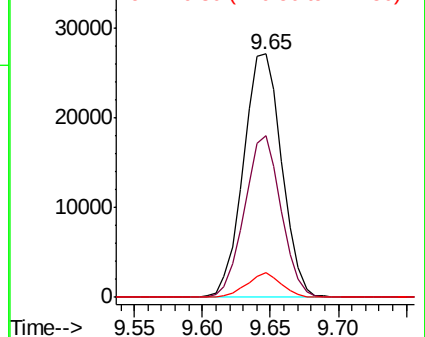
127 10.0 7.5 11.3



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 84.90 (84.60 to 85.60): VW

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 50.541 ug/l

RT: 9.44 min Scan# 1236

Delta R.T. 0.01 min

Lab File: VW007770.D

Acq: 21 Dec 2018 01:45

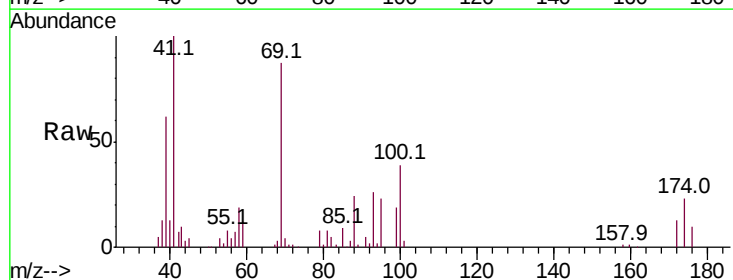
Tgt Ion: 41 Resp: 22383

Ion Ratio Lower Upper

41 100

69 89.3 74.2 111.2

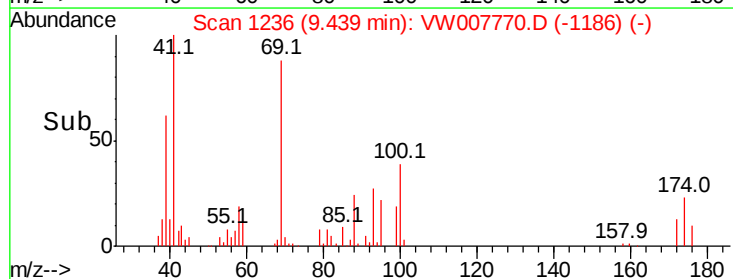
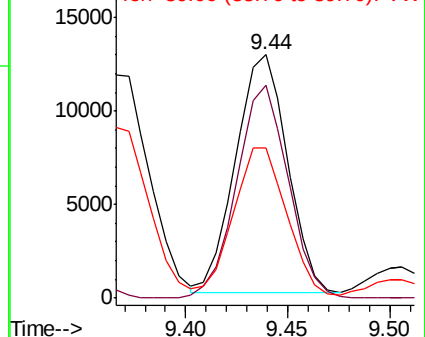
39 66.5 53.9 80.9

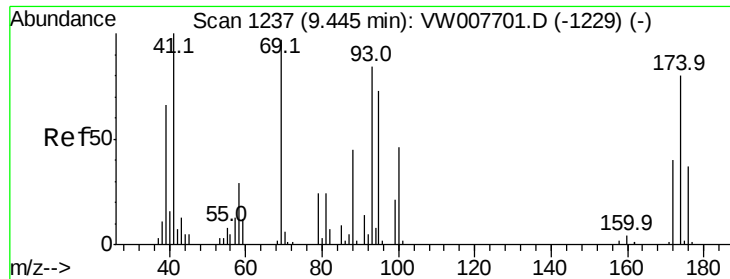


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 39.00 (38.70 to 39.70): VW





#49

1,4-Dioxane

Concen: 971.894 ug/l

RT: 9.45 min Scan# 1237

Delta R.T. -0.00 min

Lab File: VW007770.D

Acq: 21 Dec 2018 01:45

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

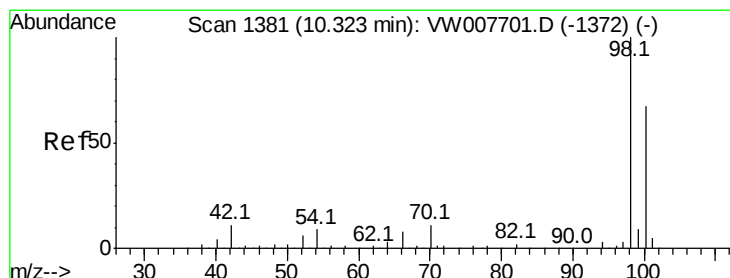
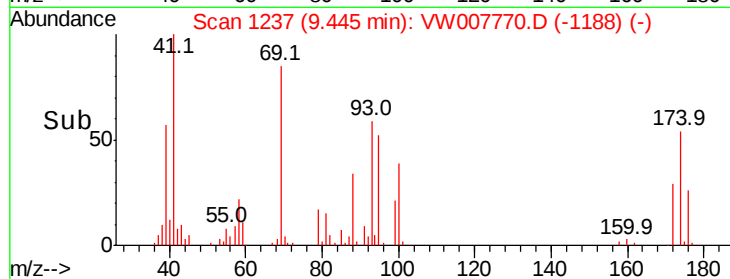
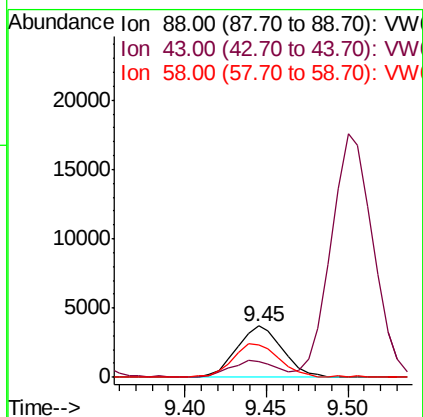
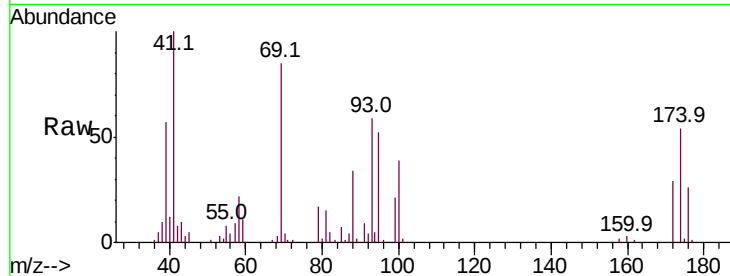
Tot Ion: 88 Resp: 7207

Ion Ratio Lower Upper

88 100

43 33.3 25.6 38.4

58 66.7 52.3 78.5



#50

Toluene-d8

Concen: 54.220 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW007770.D

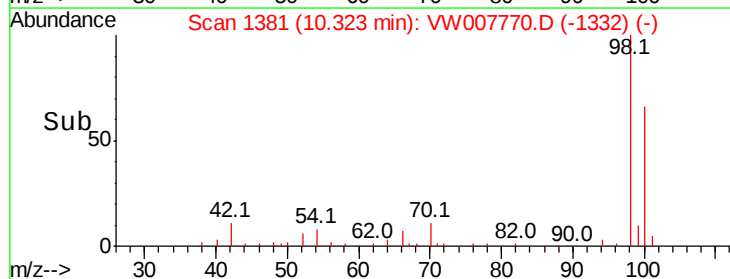
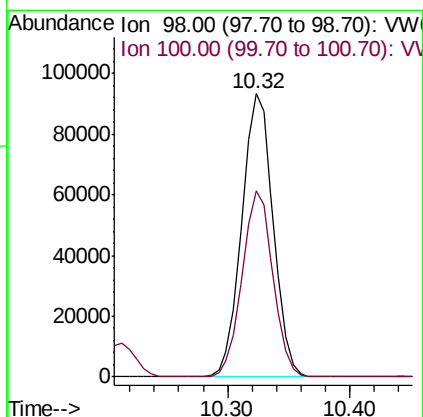
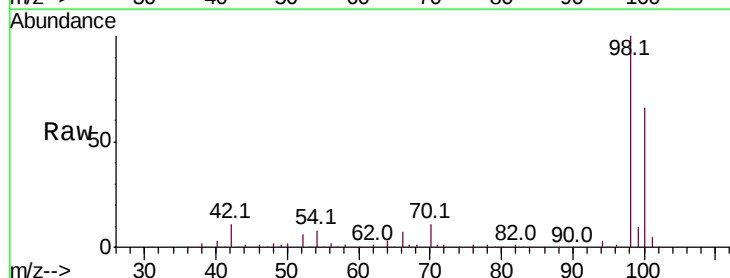
Acq: 21 Dec 2018 01:45

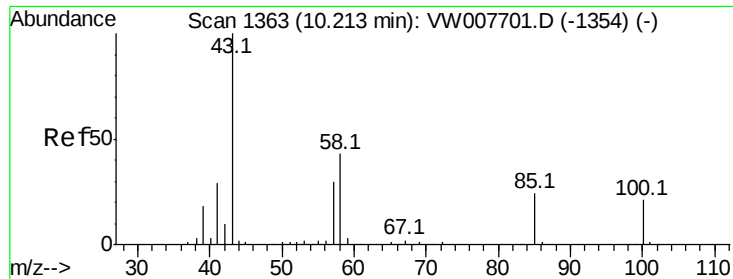
Tgt Ion: 98 Resp: 165783

Ion Ratio Lower Upper

98 100

100 64.5 52.2 78.2





#51

4-Methyl-2-Pentanone

Concen: 251.755 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. -0.00 min

Lab File: VW007770.D

Acq: 21 Dec 2018 01:45

Instrument :

MSVOA_W

ClientSampleId :

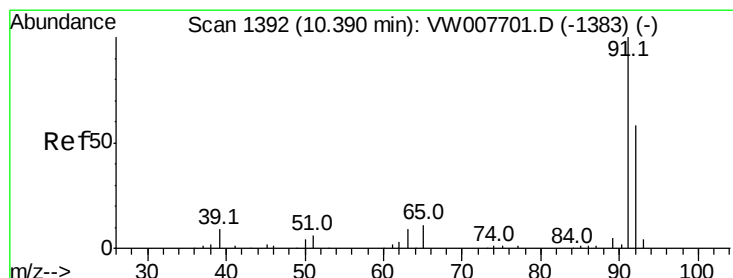
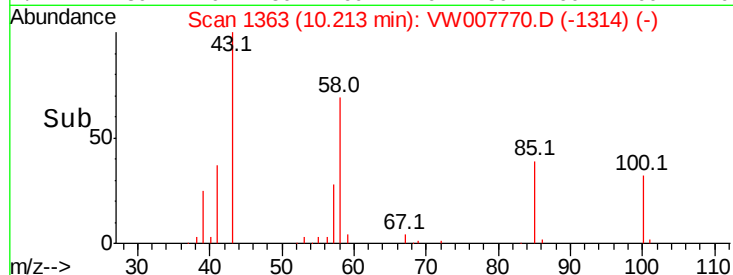
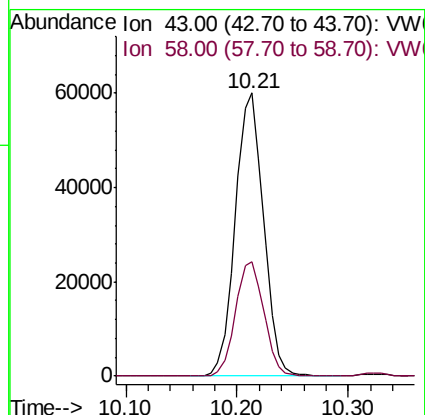
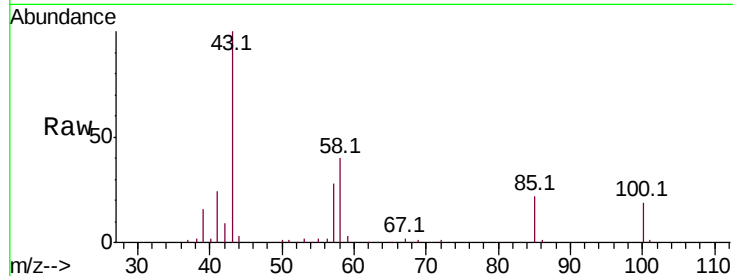
VSTDCCC050EC

Tot Ion: 43 Resp: 105563

Ion Ratio Lower Upper

43 100

58 40.5 33.2 49.8



#52

Toluene

Concen: 46.184 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW007770.D

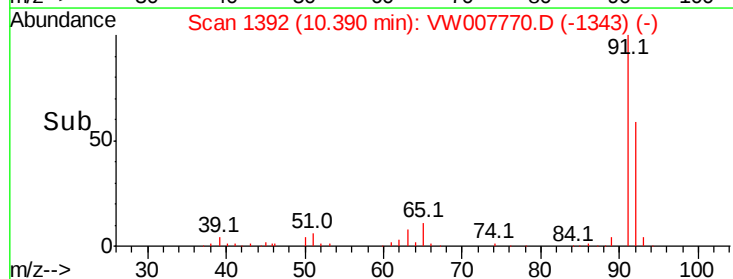
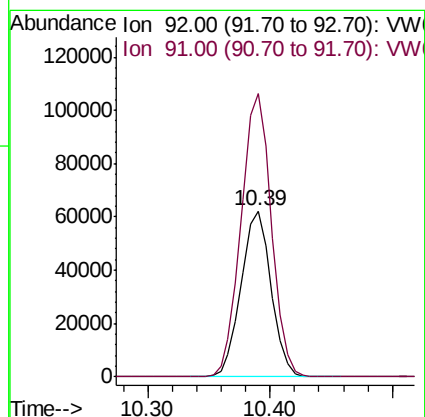
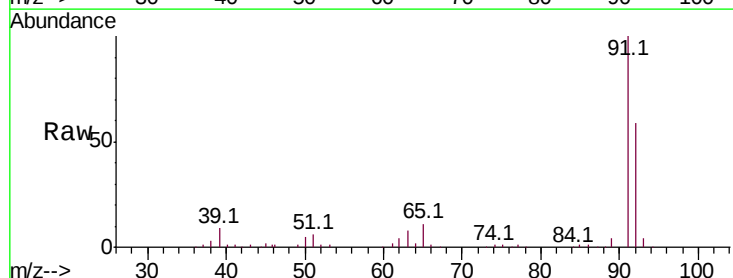
Acq: 21 Dec 2018 01:45

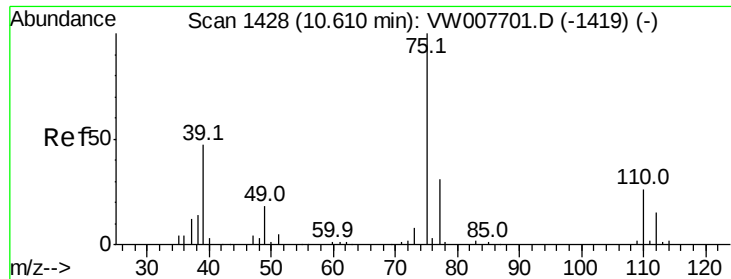
Tgt Ion: 92 Resp: 106105

Ion Ratio Lower Upper

92 100

91 172.0 137.0 205.4

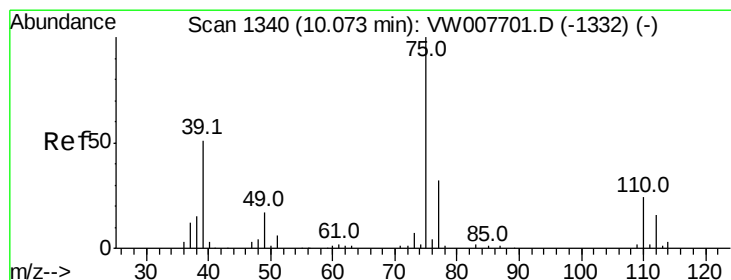
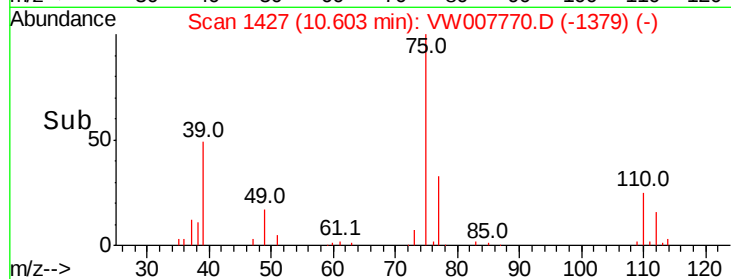
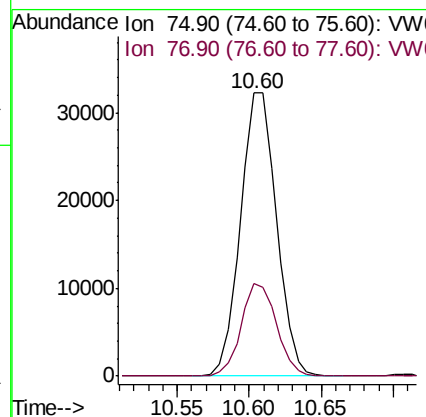
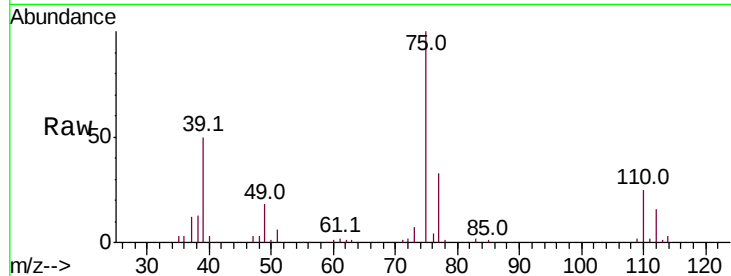




#53
 t-1,3-Dichloropropene
 Concen: 45.758 ug/l
 RT: 10.60 min Scan# 1427
 Delta R.T. -0.01 min
 Lab File: VW007770.D
 Acq: 21 Dec 2018 01:45

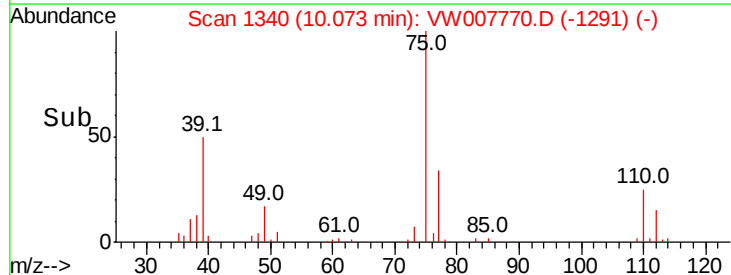
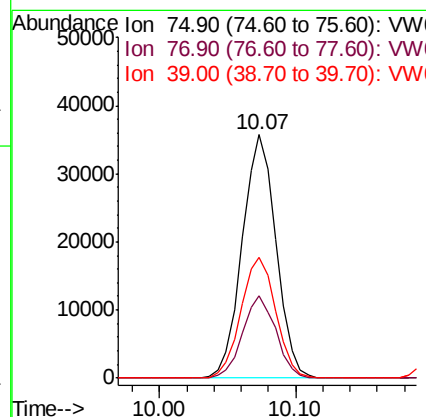
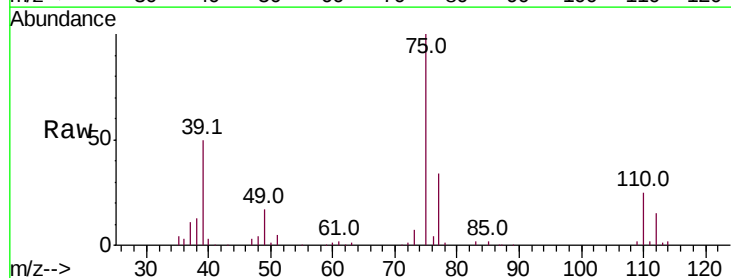
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

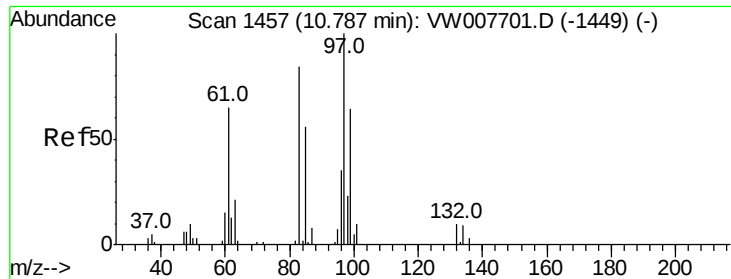
Tot Ion: 75 Resp: 55963
 Ion Ratio Lower Upper
 75 100
 77 32.5 25.2 37.8



#54
 cis-1,3-Dichloropropene
 Concen: 45.960 ug/l
 RT: 10.07 min Scan# 1340
 Delta R.T. -0.00 min
 Lab File: VW007770.D
 Acq: 21 Dec 2018 01:45

Tgt Ion: 75 Resp: 62089
 Ion Ratio Lower Upper
 75 100
 77 34.0 25.5 38.3
 39 49.8 41.2 61.8

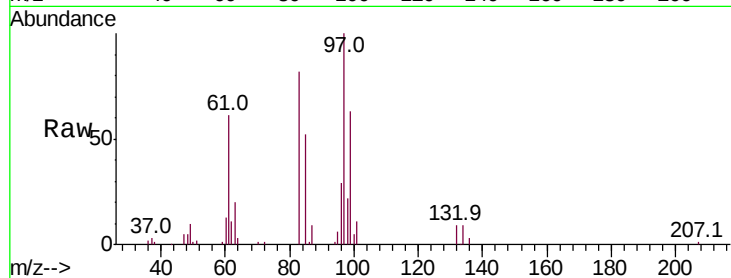




#55
 1,1,2-Trichloroethane
 Concen: 47.039 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.00 min
 Lab File: VW007770.D
 Acq: 21 Dec 2018 01:45

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:	97	Resp:	30330
Ion	Ratio	Lower	Upper
97	100		
83	81.5	67.5	101.3
85	51.5	44.8	67.2
99	63.3	51.0	76.4



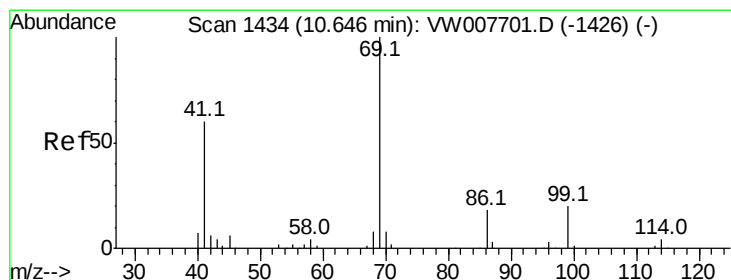
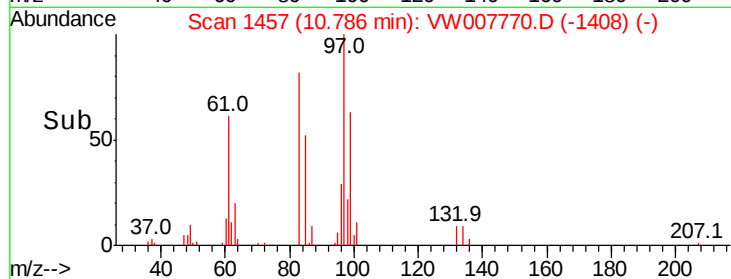
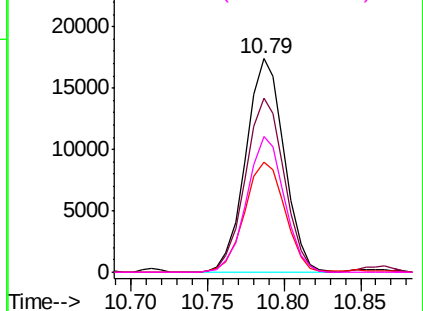
Abundance

Ion 96.90 (96.60 to 97.60): VW

Ion 82.90 (82.60 to 83.60): VW

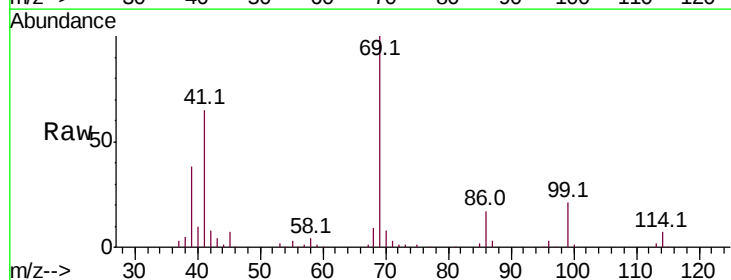
Ion 84.90 (84.60 to 85.60): VW

Ion 98.90 (98.60 to 99.60): VW



#56
 Ethyl methacrylate
 Concen: 50.793 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: VW007770.D
 Acq: 21 Dec 2018 01:45

Tgt Ion:	69	Resp:	38695
Ion	Ratio	Lower	Upper
69	100		
41	63.9	48.9	73.3
39	36.3	31.3	46.9

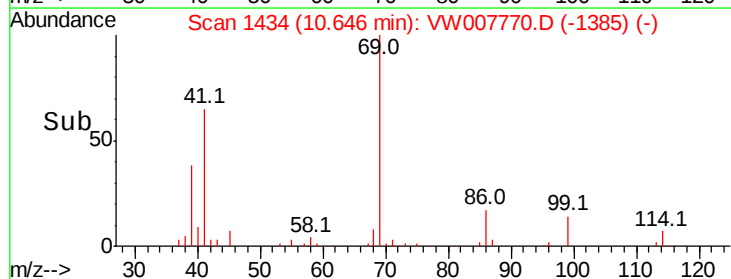
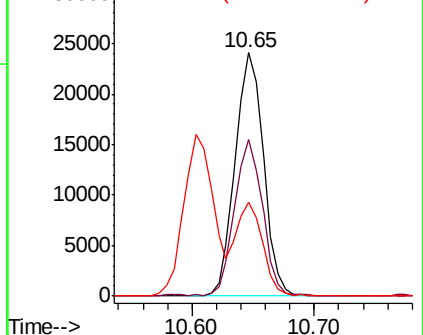


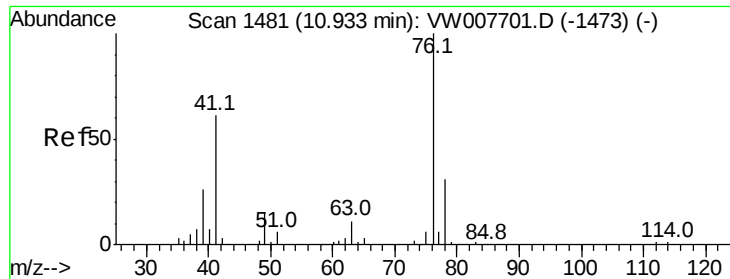
Abundance

Ion 69.00 (68.70 to 69.70): VW

Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

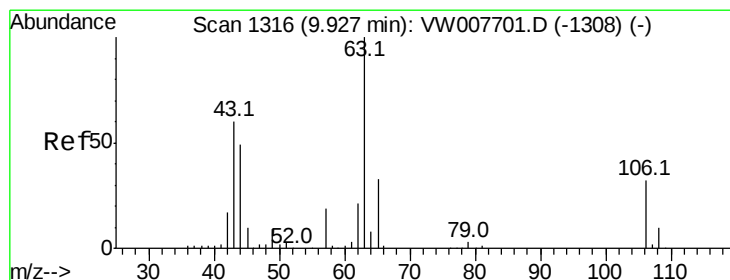
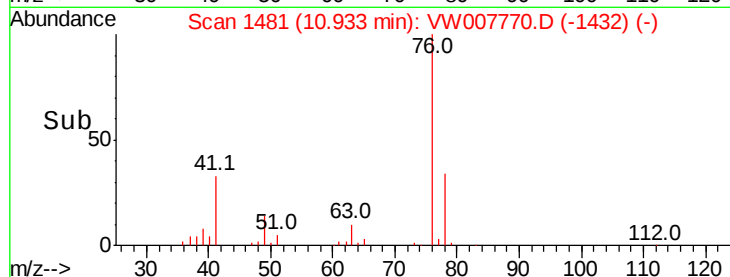
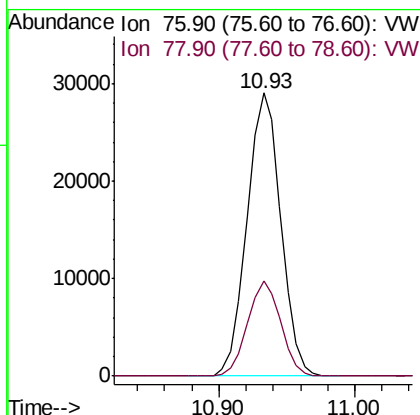
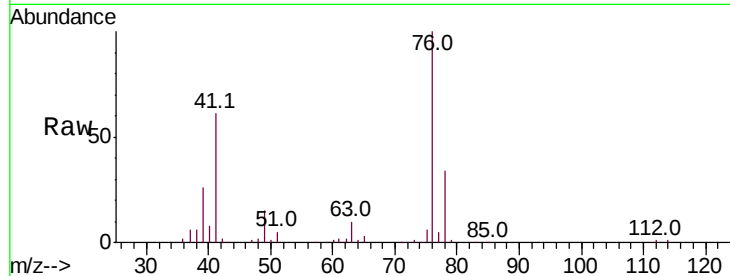




#57
 1,3-Dichloropropane
 Concen: 47.094 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: VW007770.D
 Acq: 21 Dec 2018 01:45

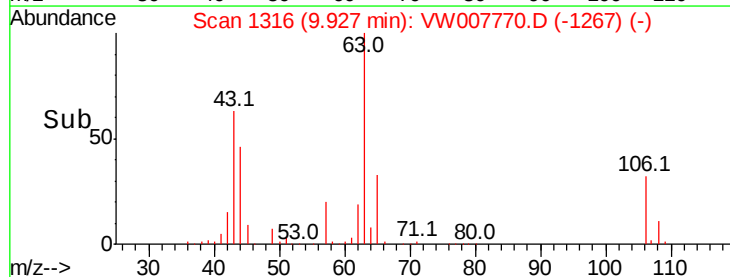
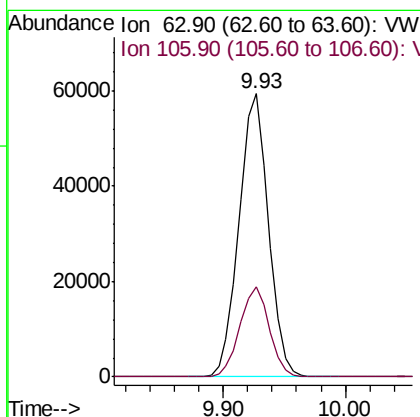
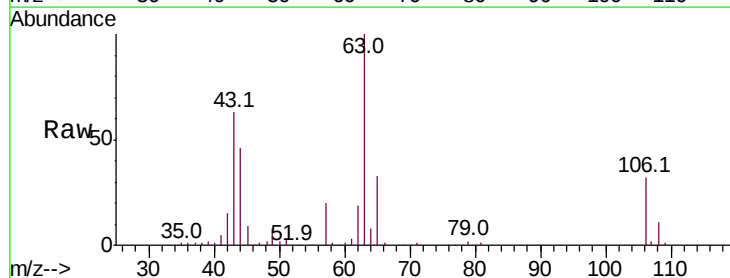
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

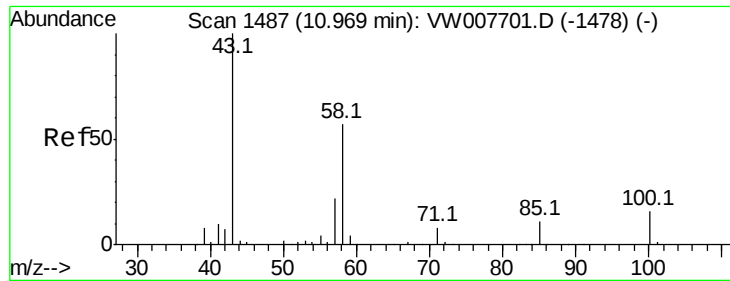
Tot Ion: 76 Resp: 50423
 Ion Ratio Lower Upper
 76 100
 78 32.9 26.2 39.2



#58
 2-Chloroethyl Vinyl ether
 Concen: 284.665 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VW007770.D
 Acq: 21 Dec 2018 01:45

Tgt Ion: 63 Resp: 99014
 Ion Ratio Lower Upper
 63 100
 106 31.7 25.9 38.9





#59

2-Hexanone

Concen: 250.669 ug/l

RT: 10.97 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VW007770.D

Acq: 21 Dec 2018 01:45

Instrument :

MSVOA_W

ClientSampleId :

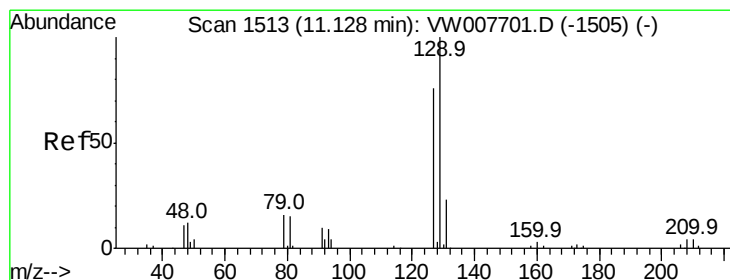
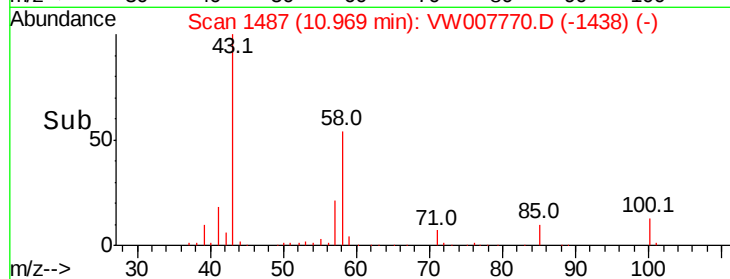
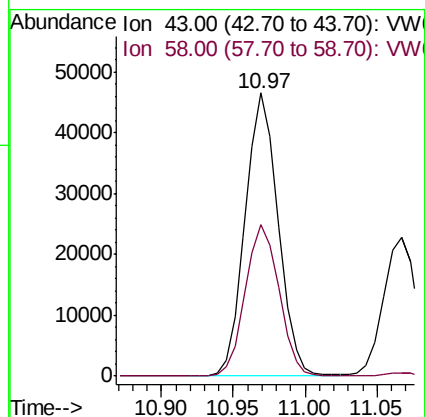
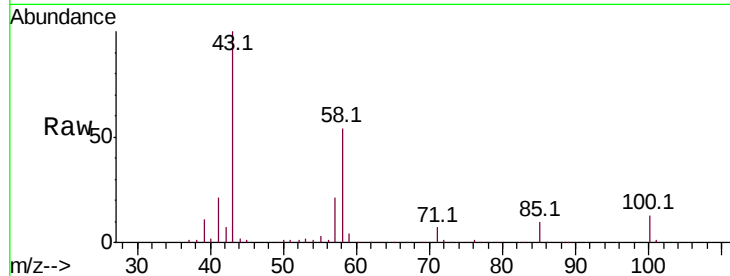
VSTDCCC050EC

Tot Ion: 43 Resp: 73919

Ion Ratio Lower Upper

43 100

58 54.8 27.7 83.1



#60

Dibromochloromethane

Concen: 41.626 ug/l

RT: 11.13 min Scan# 1513

Delta R.T. -0.00 min

Lab File: VW007770.D

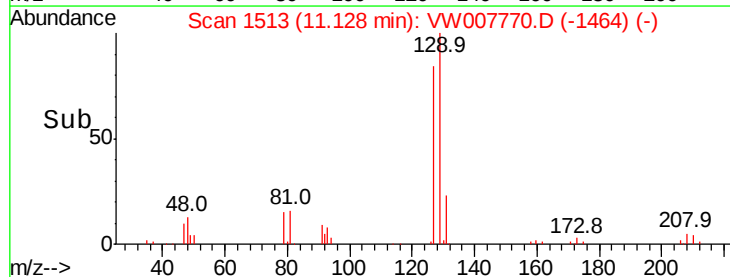
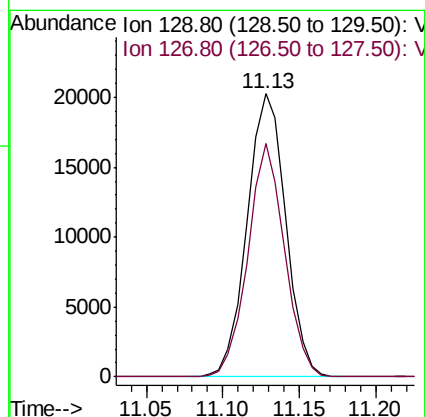
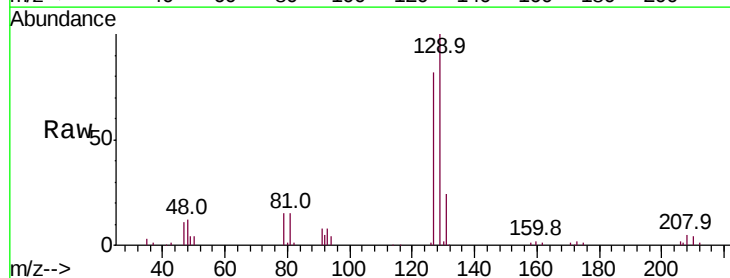
Acq: 21 Dec 2018 01:45

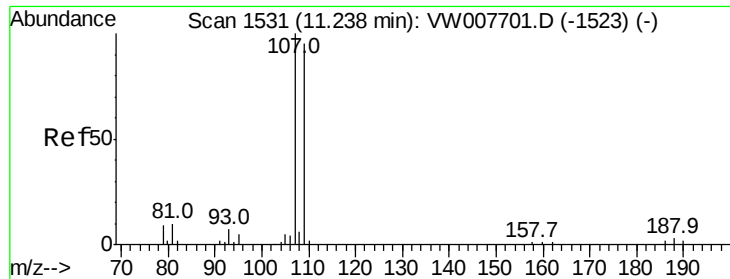
Tgt Ion: 129 Resp: 35538

Ion Ratio Lower Upper

129 100

127 78.0 38.3 114.9

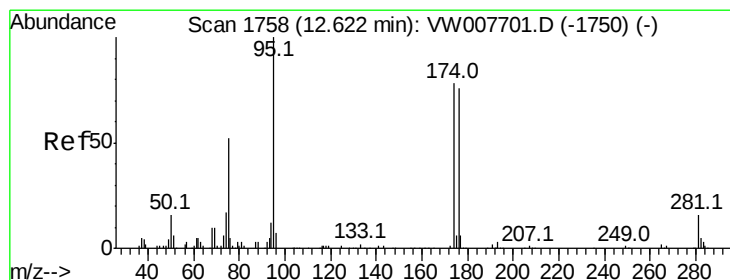
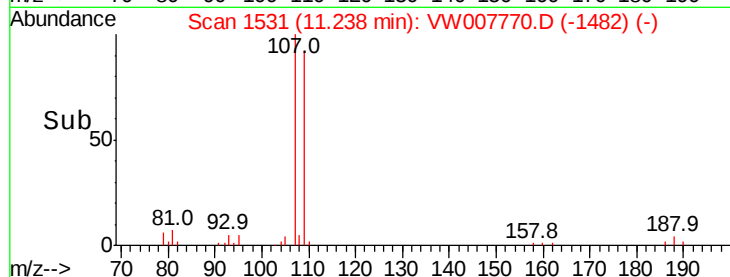
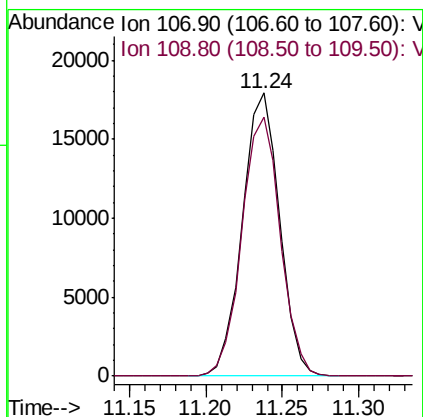
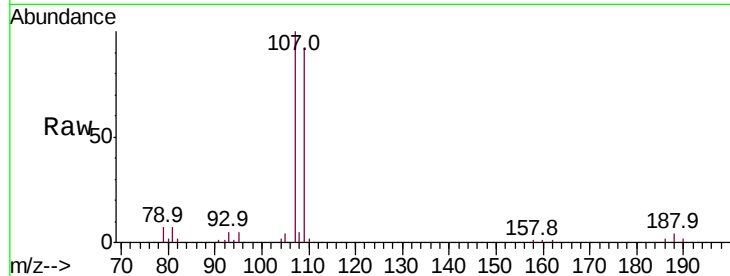




#61
1,2-Dibromoethane
Concen: 46.453 ug/l
RT: 11.24 min Scan# 1531
Delta R.T. -0.00 min
Lab File: VW007770.D
Acq: 21 Dec 2018 01:45

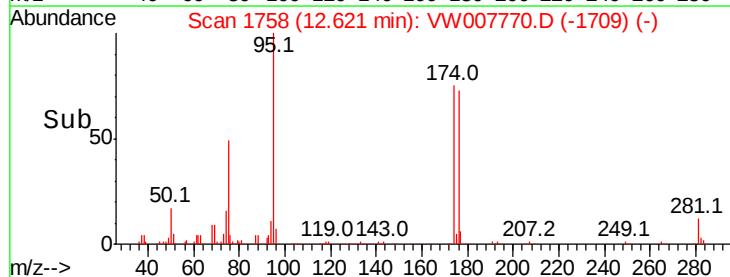
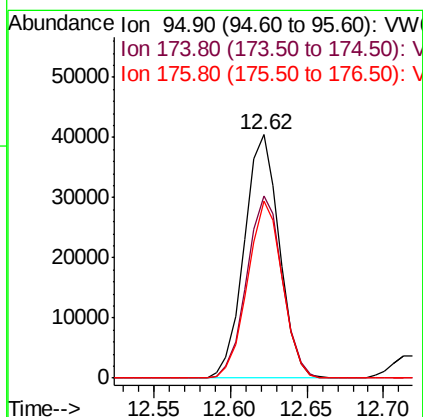
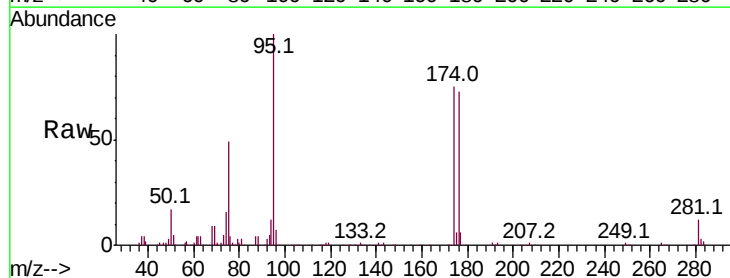
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

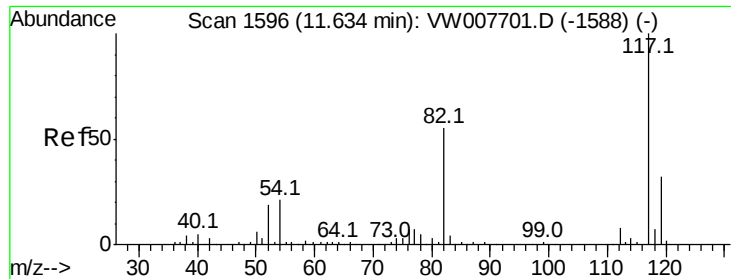
Tot Ion:107 Resp: 30332
Ion Ratio Lower Upper
107 100
109 94.6 75.4 113.0



#62
4-Bromofluorobenzene
Concen: 54.605 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VW007770.D
Acq: 21 Dec 2018 01:45

Tgt Ion: 95 Resp: 64501
Ion Ratio Lower Upper
95 100
174 75.9 0.0 152.2
176 72.3 0.0 146.8

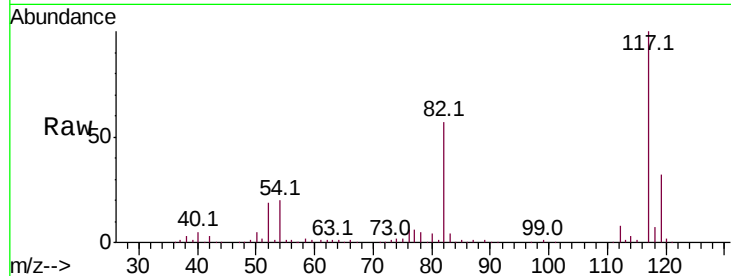




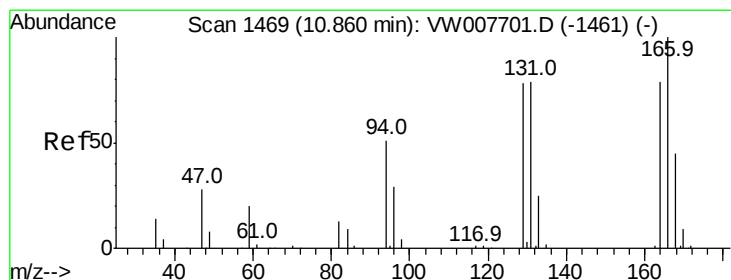
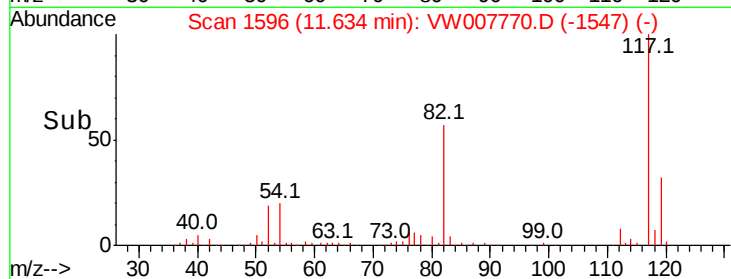
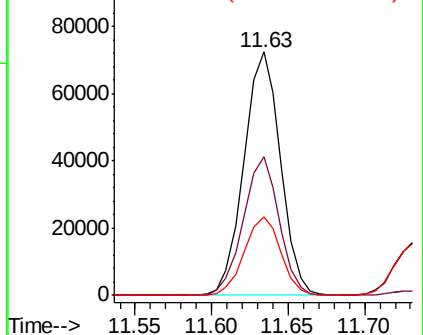
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW007770.D
Acq: 21 Dec 2018 01:45

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion:117 Resp: 120226
Ion Ratio Lower Upper
117 100
82 56.7 44.3 66.5
119 32.3 25.7 38.5

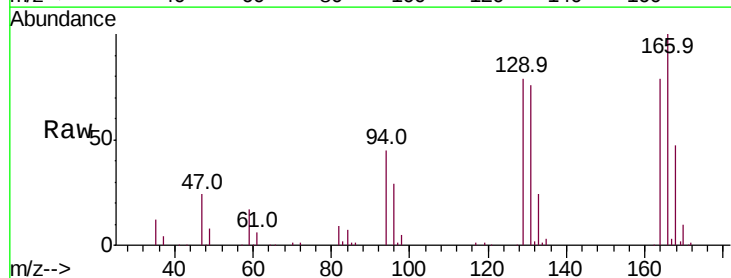


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VW
Ion 118.90 (118.60 to 119.60): V

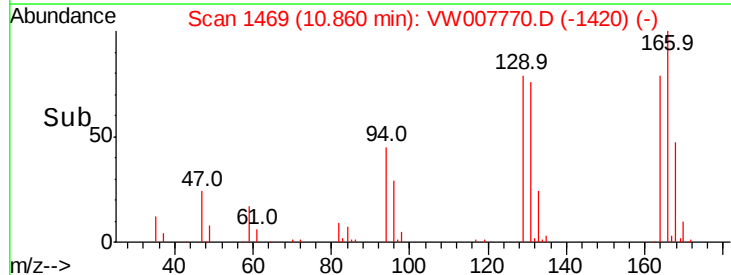
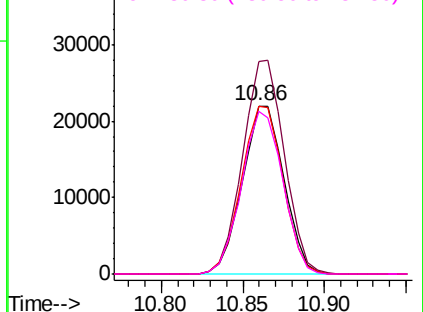


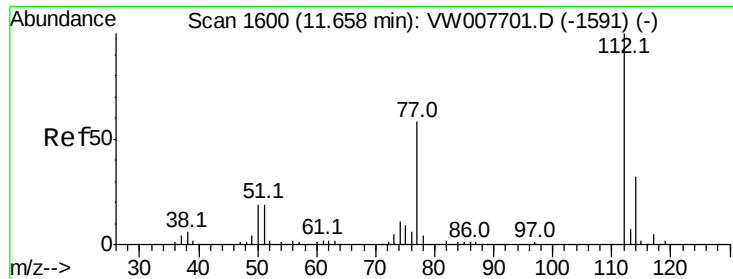
#64
Tetrachloroethene
Concen: 45.963 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VW007770.D
Acq: 21 Dec 2018 01:45

Tgt Ion:164 Resp: 39131
Ion Ratio Lower Upper
164 100
166 126.5 101.0 151.6
129 100.3 78.7 118.1
131 96.5 79.4 119.0



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

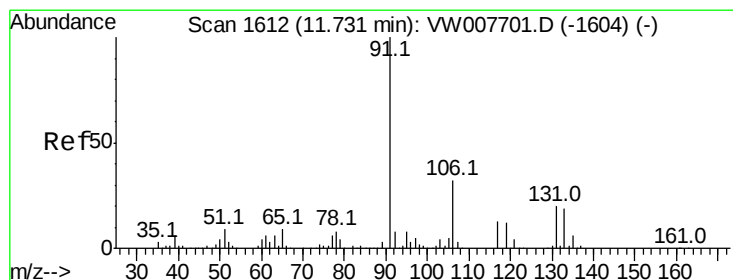
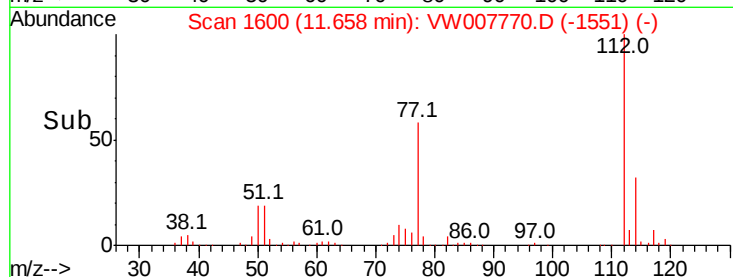
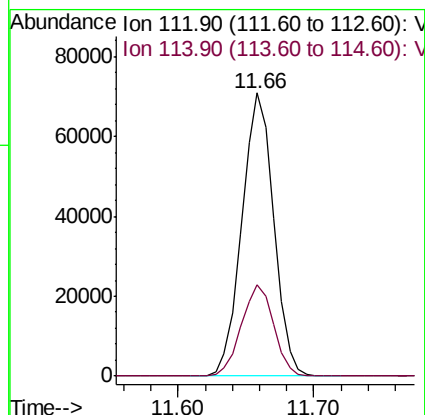
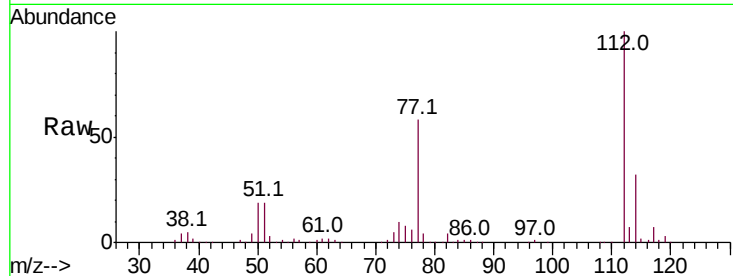




#65
Chlorobenzene
Concen: 44.567 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW007770.D
Acq: 21 Dec 2018 01:45

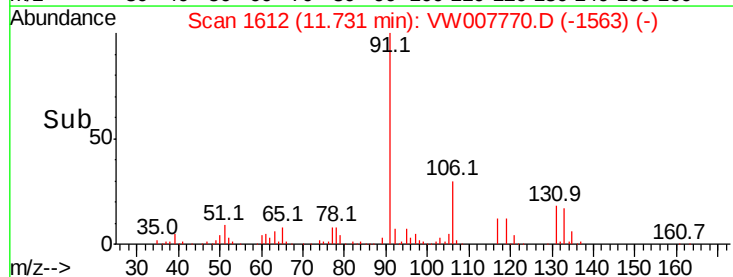
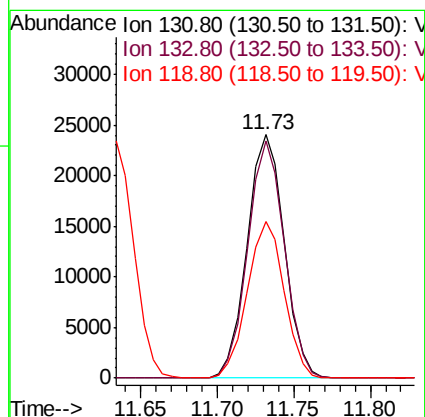
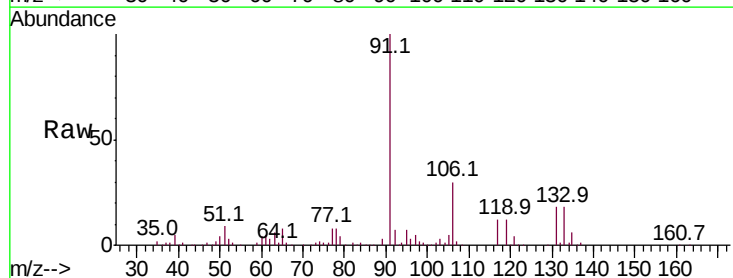
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

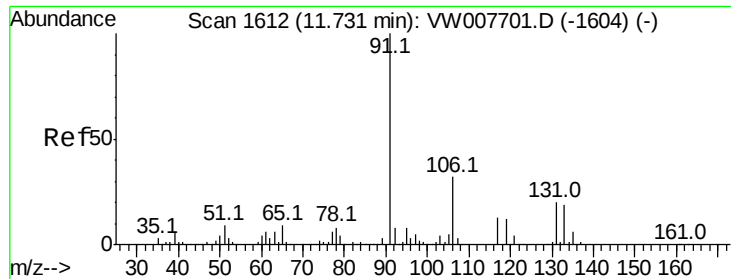
Tot Ion:112 Resp: 115972
Ion Ratio Lower Upper
112 100
114 32.5 25.2 37.8



#66
1,1,1,2-Tetrachloroethane
Concen: 43.587 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW007770.D
Acq: 21 Dec 2018 01:45

Tgt Ion:131 Resp: 40528
Ion Ratio Lower Upper
131 100
133 96.1 47.5 142.5
119 64.0 30.2 90.6

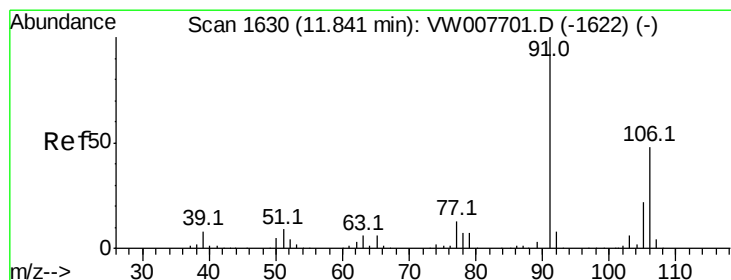
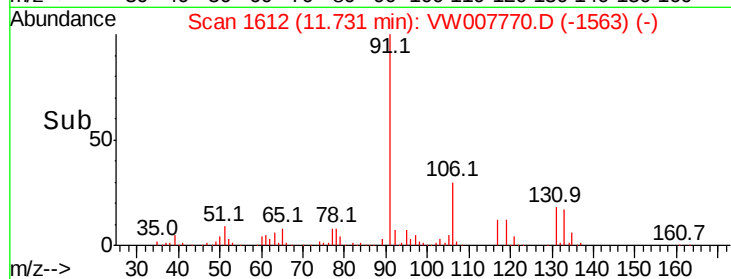
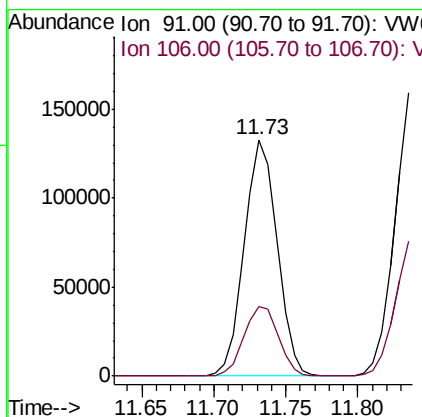
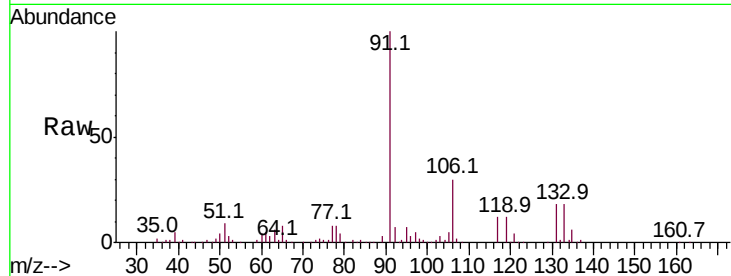




#67
Ethyl Benzene
Concen: 46.995 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW007770.D
Acq: 21 Dec 2018 01:45

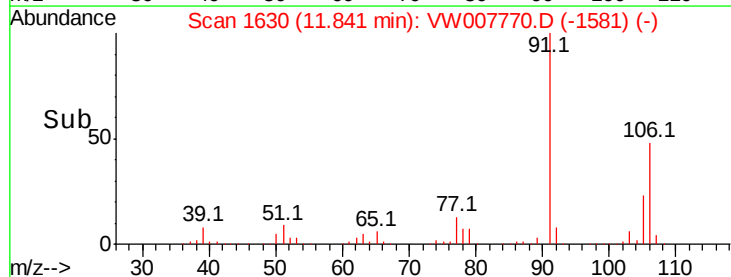
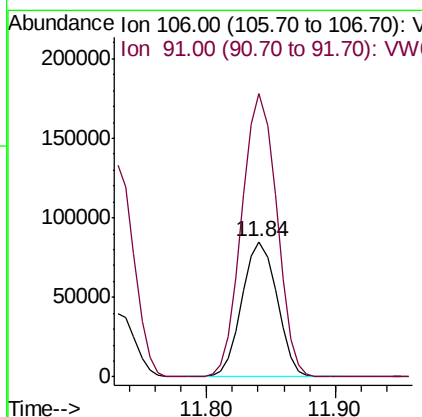
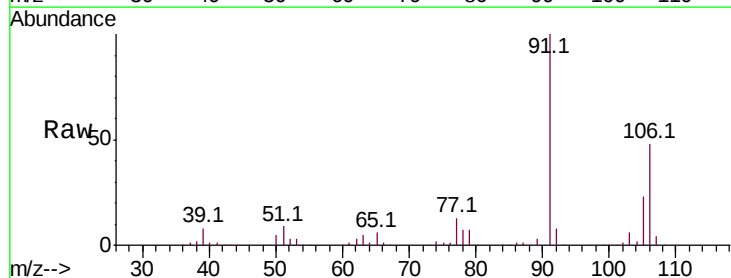
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

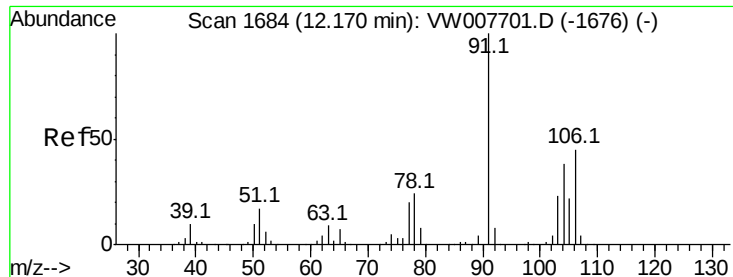
Tot Ion: 91 Resp: 209849
Ion Ratio Lower Upper
91 100
106 29.7 25.8 38.8



#68
m/p-Xylenes
Concen: 92.552 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW007770.D
Acq: 21 Dec 2018 01:45

Tgt Ion:106 Resp: 160317
Ion Ratio Lower Upper
106 100
91 209.1 165.2 247.8

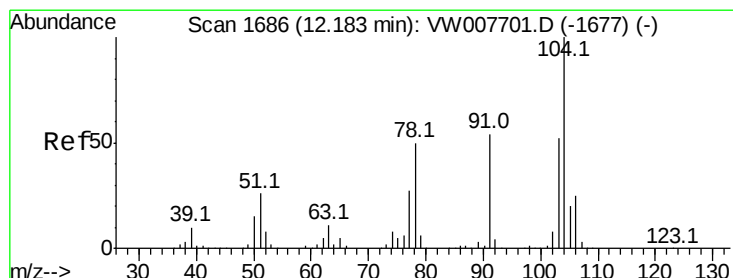
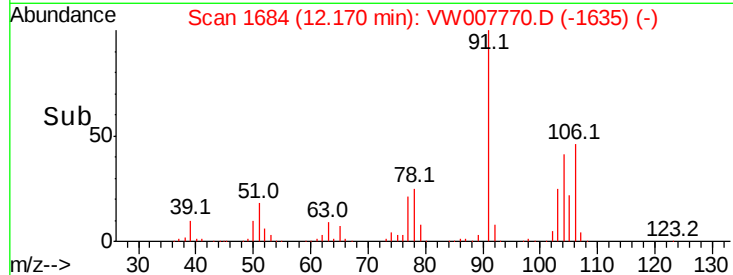
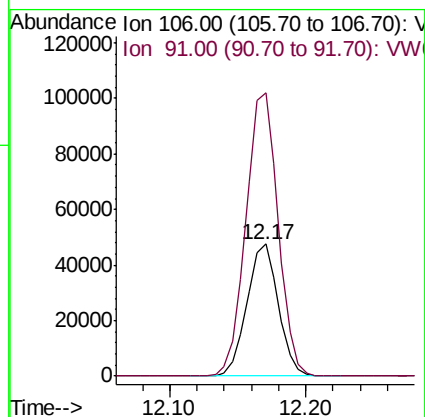
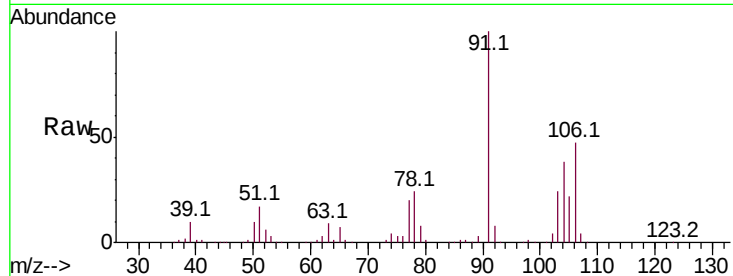




#69
o-Xylene
Concen: 47.484 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW007770.D
Acq: 21 Dec 2018 01:45

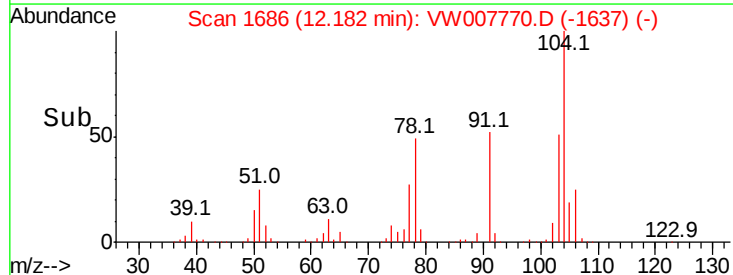
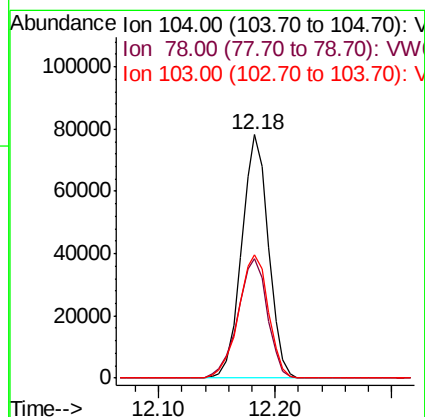
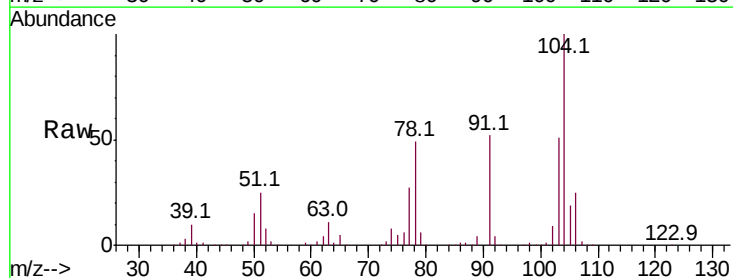
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

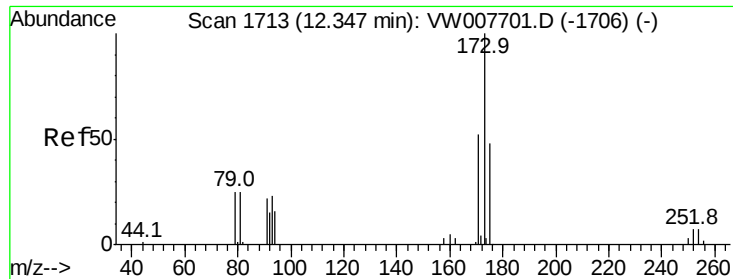
Tot Ion:106 Resp: 77100
Ion Ratio Lower Upper
106 100
91 219.0 110.5 331.4



#70
Styrene
Concen: 47.009 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW007770.D
Acq: 21 Dec 2018 01:45

Tgt Ion:104 Resp: 125470
Ion Ratio Lower Upper
104 100
78 54.2 43.4 65.0
103 56.4 44.5 66.7

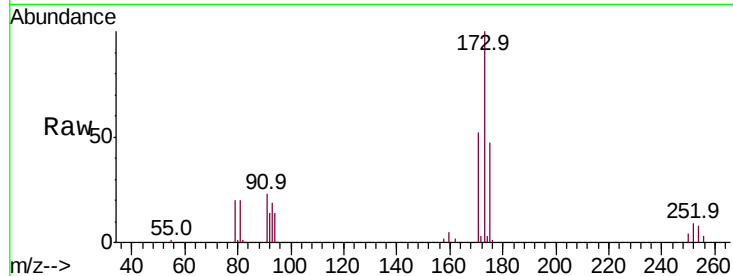




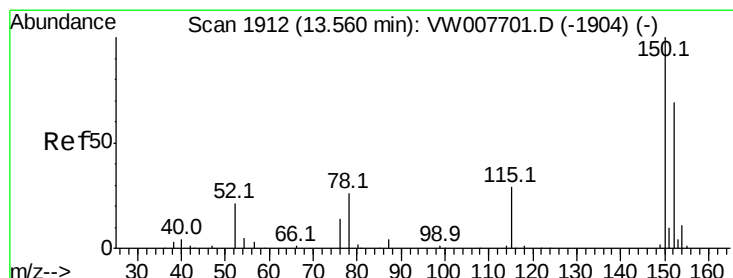
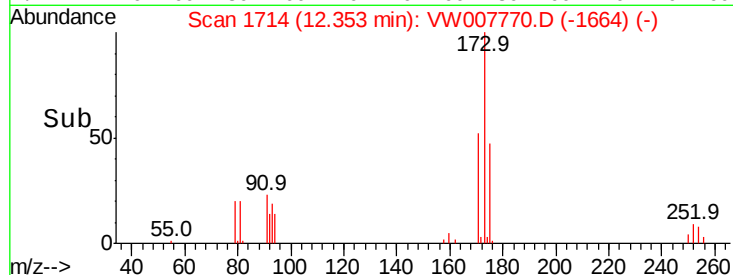
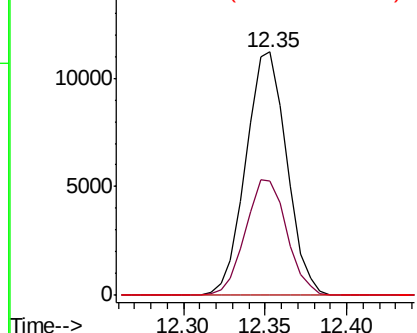
#71
Bromoform
Concen: 40.492 ug/l
RT: 12.35 min Scan# 1714
Delta R.T. 0.01 min
Lab File: VW007770.D
Acq: 21 Dec 2018 01:45

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion:173 Resp: 19545
Ion Ratio Lower Upper
173 100
175 48.2 23.9 71.7
254 0.0 0.0 0.0

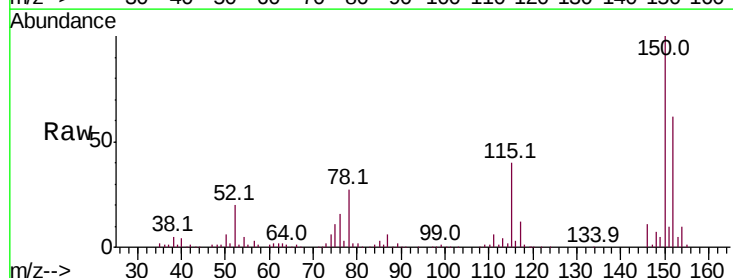


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

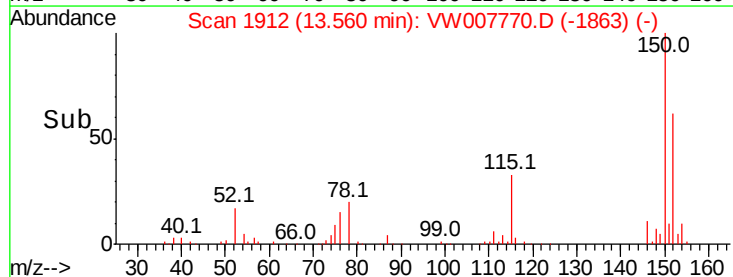
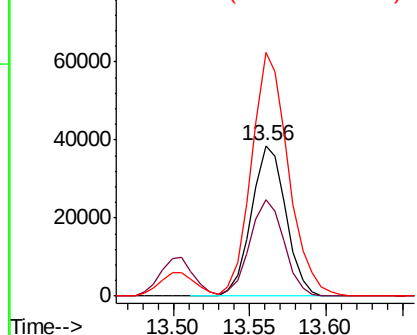


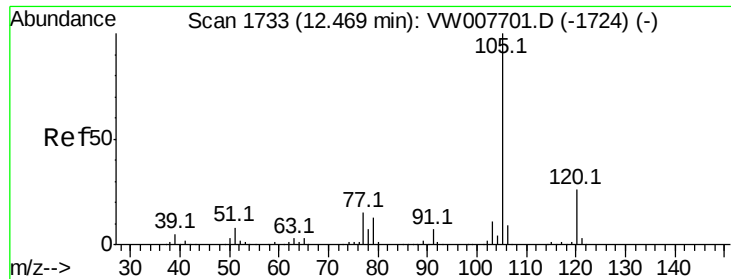
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW007770.D
Acq: 21 Dec 2018 01:45

Tgt Ion:152 Resp: 60442
Ion Ratio Lower Upper
152 100
115 64.0 31.8 95.4
150 172.9 0.0 350.8



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: 46.726 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. -0.00 min

Lab File: VW007770.D

Acq: 21 Dec 2018 01:45

Instrument :

MSVOA_W

ClientSampleId :

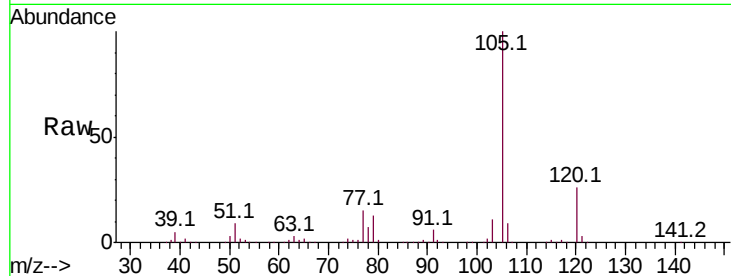
VSTDCCC050EC

Tot Ion:105 Resp: 213479

Ion Ratio Lower Upper

105 100

120 25.8 13.1 39.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

150000

100000

50000

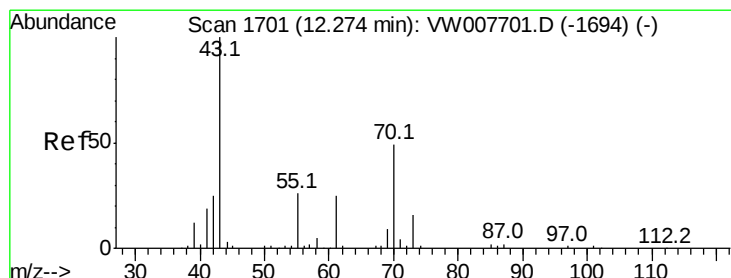
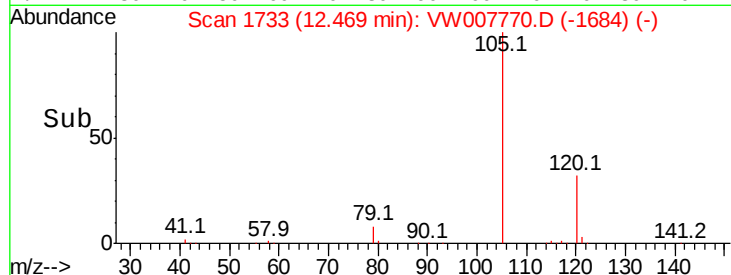
0

12.47

12.40

12.50

Time-->



#74

N-ethyl acetate

Concen: 52.372 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. -0.00 min

Lab File: VW007770.D

Acq: 21 Dec 2018 01:45

Tgt Ion: 43 Resp: 41446

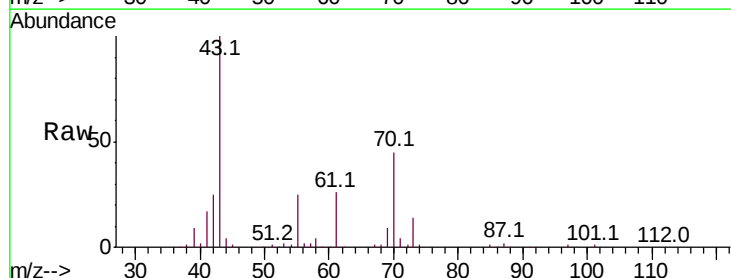
Ion Ratio Lower Upper

43 100

70 44.6 37.6 56.4

55 25.1 21.7 32.5

61 25.4 20.1 30.1



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 70.00 (69.70 to 70.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 61.00 (60.70 to 61.70): VW

40000

30000

20000

10000

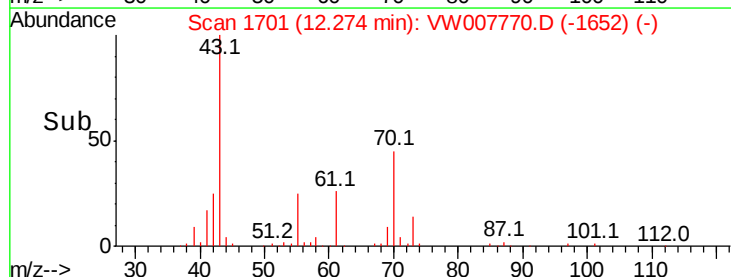
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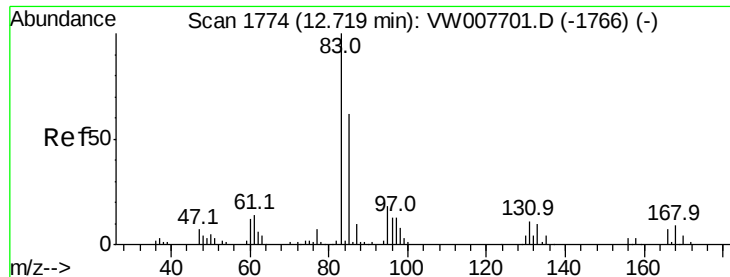
12.27

12.20

12.30

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 48.097 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. -0.00 min

Lab File: VW007770.D

Acq: 21 Dec 2018 01:45

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

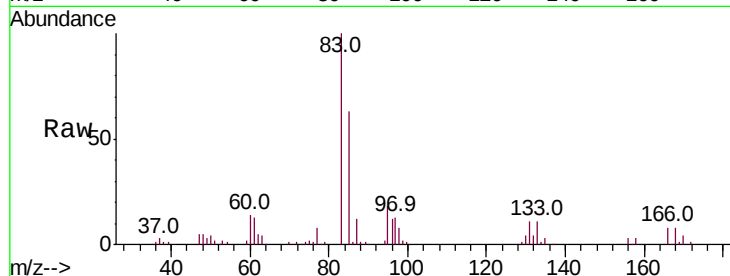
Tot Ion: 83 Resp: 32947

Ion Ratio Lower Upper

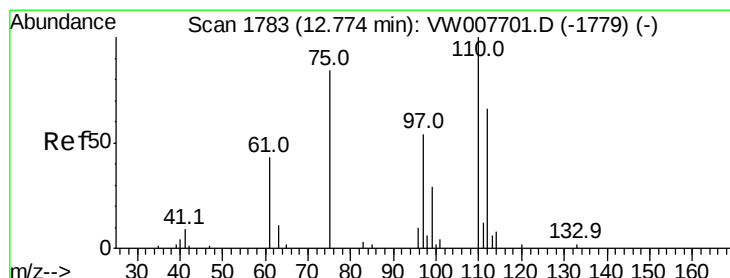
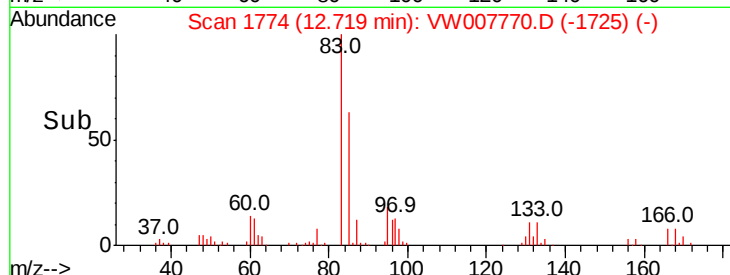
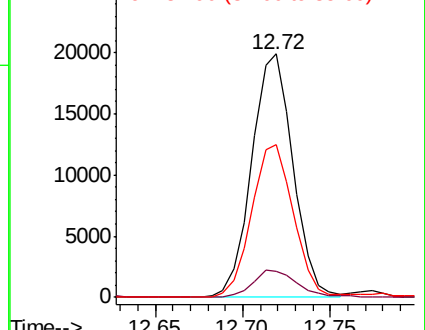
83 100

131 12.1 6.3 18.8

85 63.4 32.3 96.8



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: 95.569 ug/l

RT: 12.77 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VW007770.D

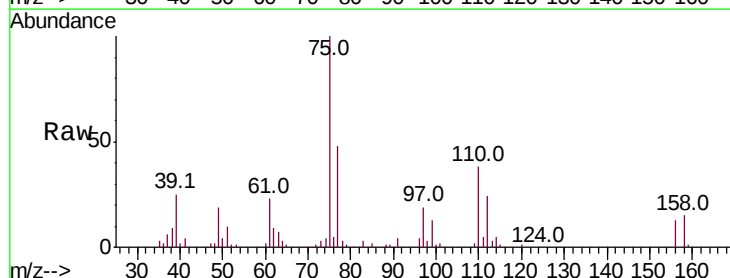
Acq: 21 Dec 2018 01:45

Tgt Ion: 75 Resp: 44646

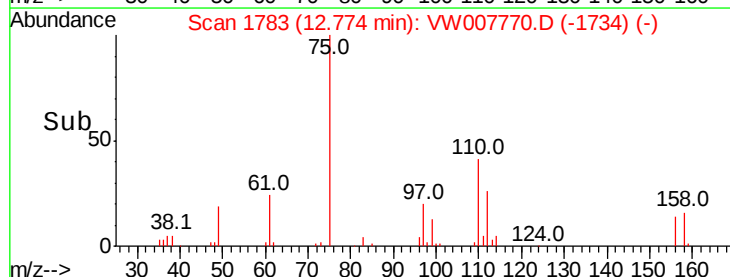
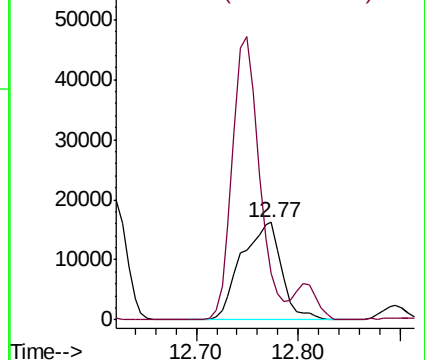
Ion Ratio Lower Upper

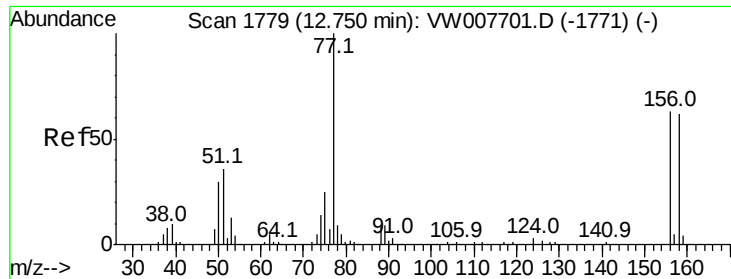
75 100

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

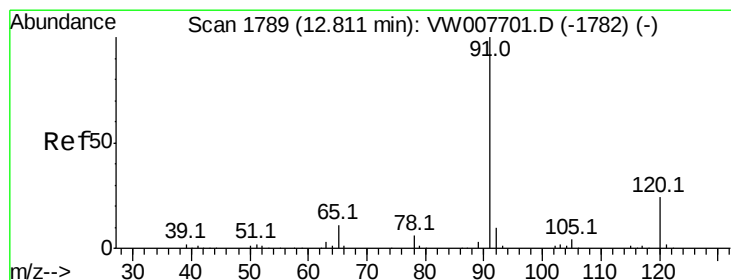
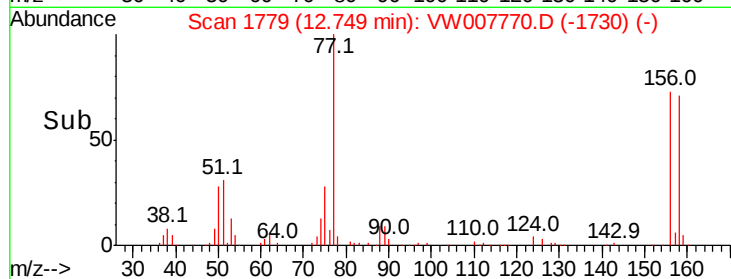
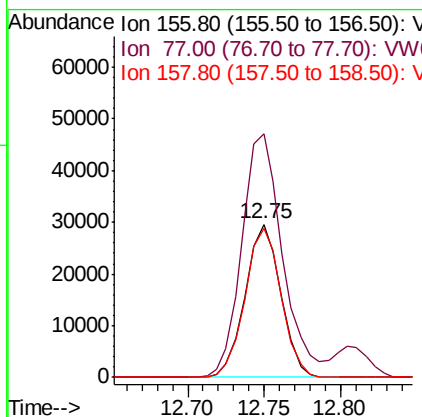
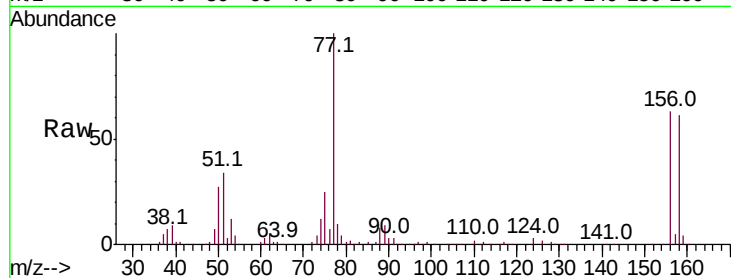




#77
 Bromobenzene
 Concen: 45.786 ug/l
 RT: 12.75 min Scan# 1779
 Delta R.T. -0.00 min
 Lab File: VW007770.D
 Acq: 21 Dec 2018 01:45

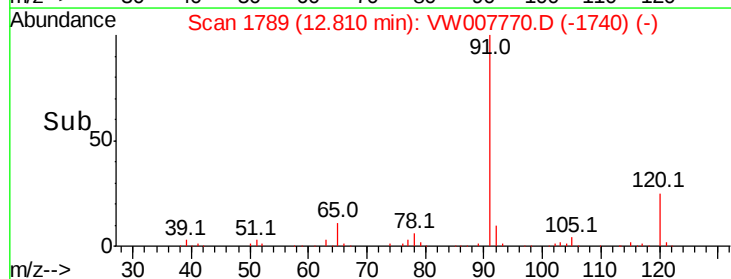
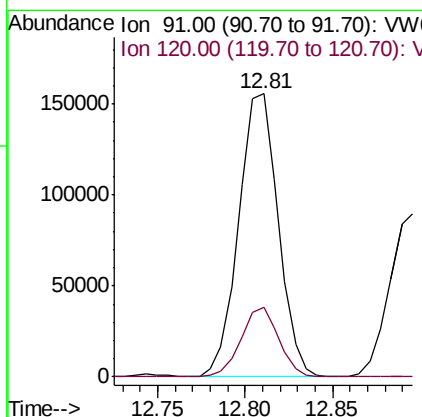
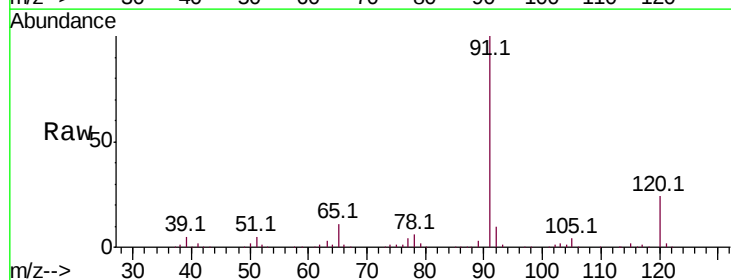
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

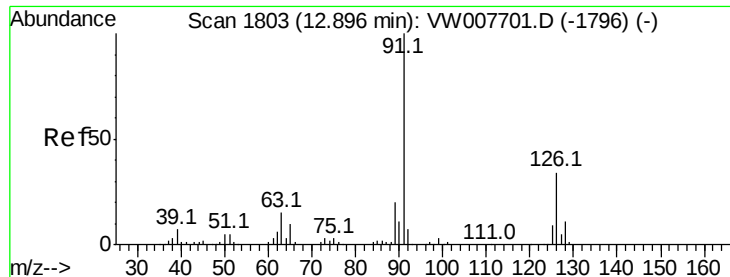
Tot Ion:156 Resp: 47940
 Ion Ratio Lower Upper
 156 100
 77 181.0 87.4 262.1
 158 98.5 48.4 145.0



#78
 n-propylbenzene
 Concen: 45.939 ug/l
 RT: 12.81 min Scan# 1789
 Delta R.T. -0.00 min
 Lab File: VW007770.D
 Acq: 21 Dec 2018 01:45

Tgt Ion: 91 Resp: 244316
 Ion Ratio Lower Upper
 91 100
 120 23.5 11.9 35.7





#79

2-Chlorotoluene

Concen: 47.220 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VW007770.D

Acq: 21 Dec 2018 01:45

Instrument :

MSVOA_W

ClientSampleId :

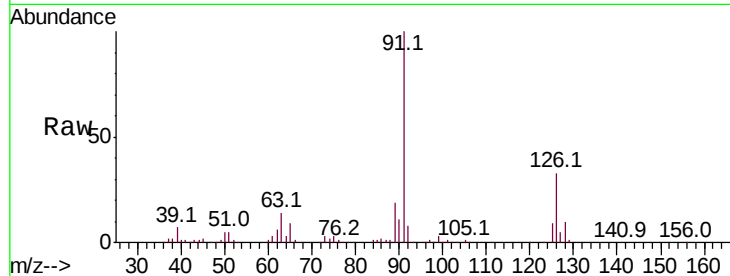
VSTDCCC050EC

Tot Ion: 91 Resp: 146297

Ion Ratio Lower Upper

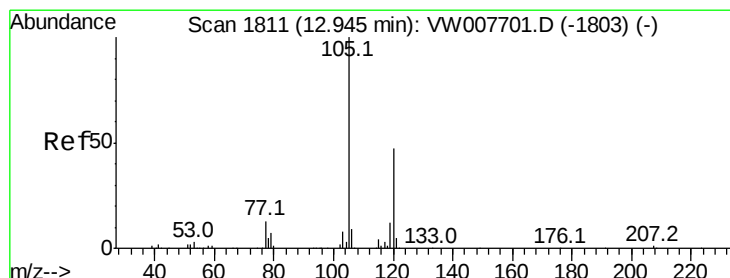
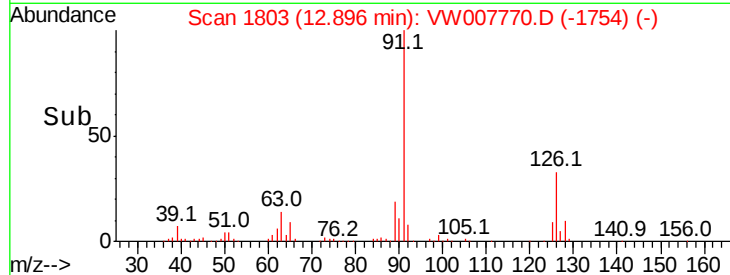
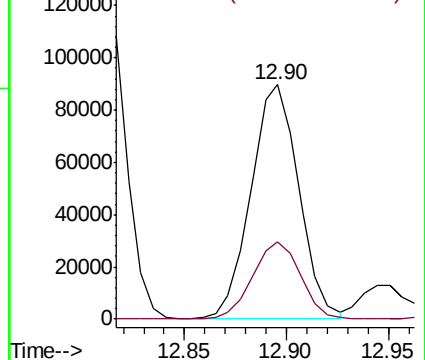
91 100

126 33.2 17.0 51.0



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: 47.623 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. -0.00 min

Lab File: VW007770.D

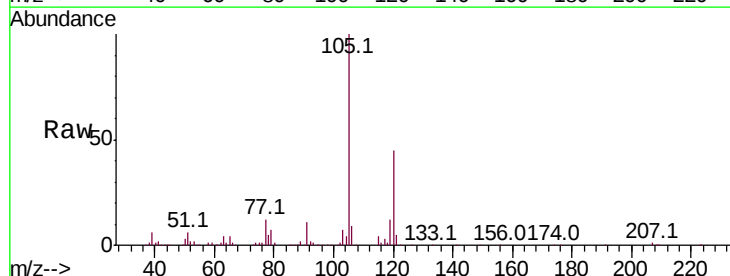
Acq: 21 Dec 2018 01:45

Tgt Ion:105 Resp: 187675

Ion Ratio Lower Upper

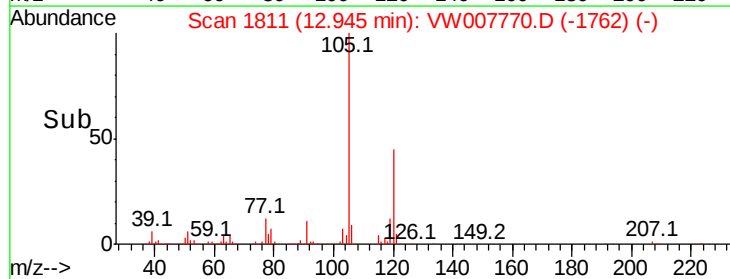
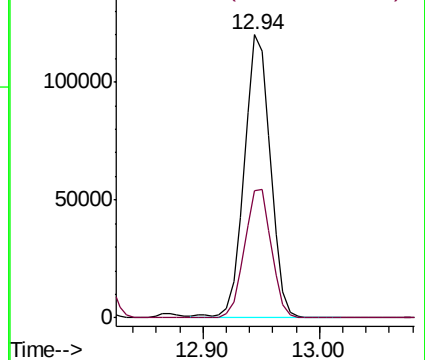
105 100

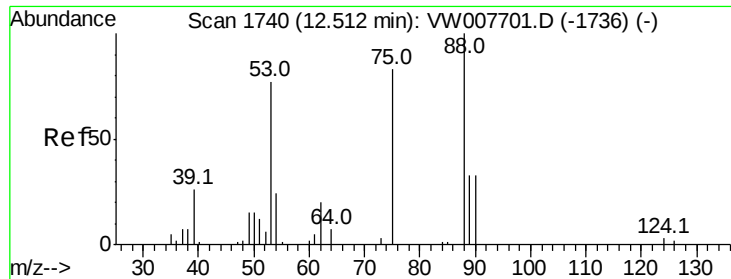
120 46.9 23.6 70.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

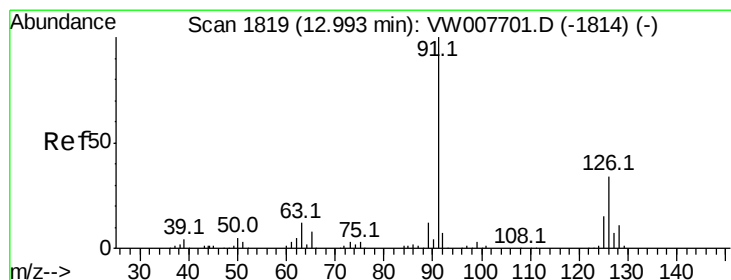
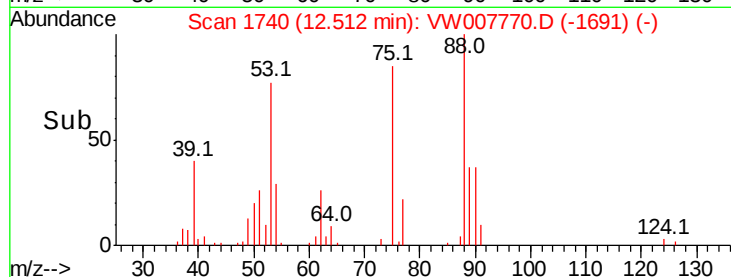
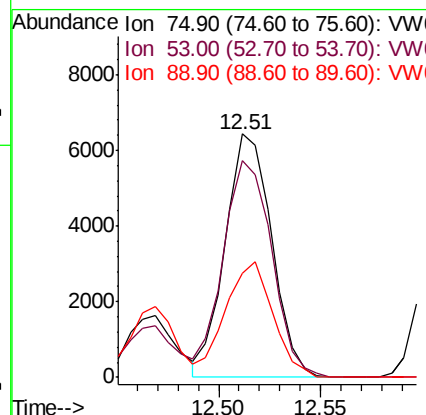
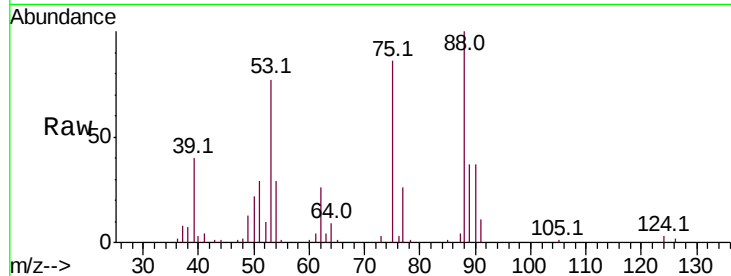




#81
trans-1,4-Dichloro-2-butene
Concen: 45.710 ug/l
RT: 12.51 min Scan# 1740
Delta R.T. -0.00 min
Lab File: VW007770.D
Acq: 21 Dec 2018 01:45

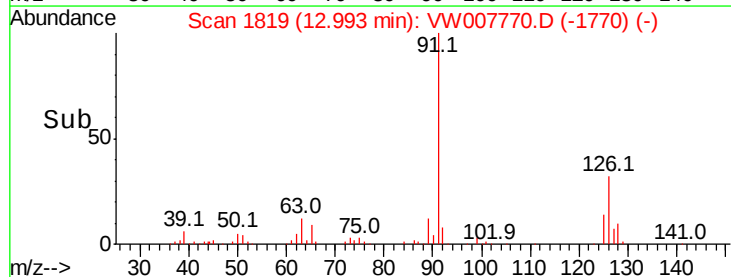
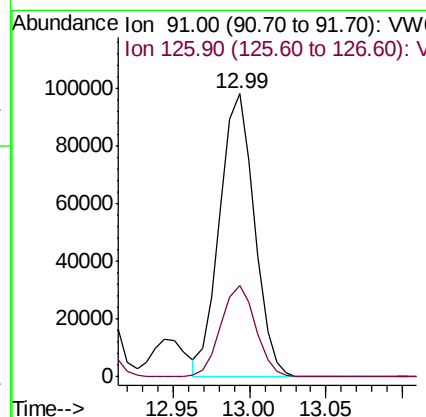
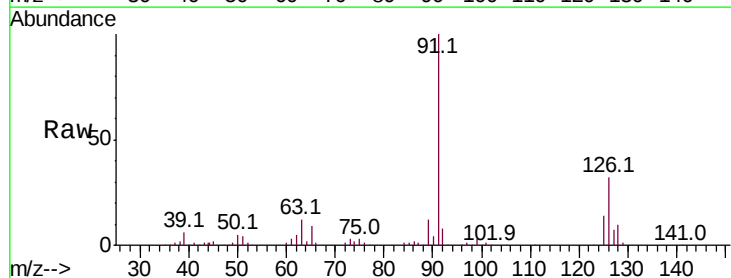
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

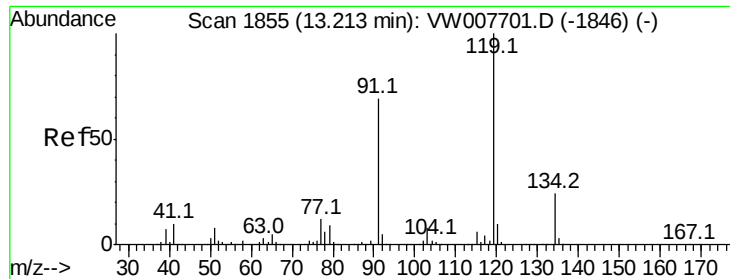
Tot Ion: 75 Resp: 10173
Ion Ratio Lower Upper
75 100
53 93.2 80.2 120.2
89 48.6 39.2 58.8



#82
4-Chlorotoluene
Concen: 46.970 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. -0.00 min
Lab File: VW007770.D
Acq: 21 Dec 2018 01:45

Tgt Ion: 91 Resp: 154945
Ion Ratio Lower Upper
91 100
126 32.3 16.5 49.5

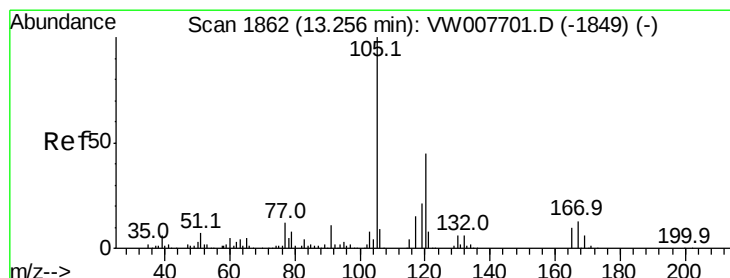
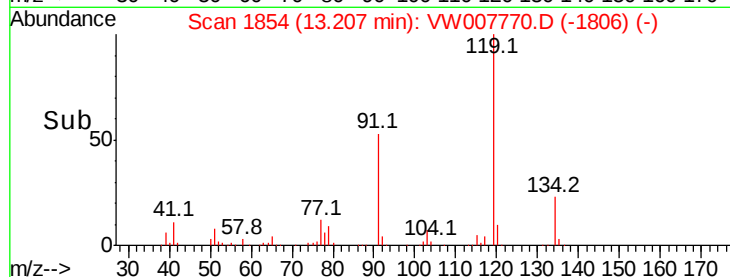
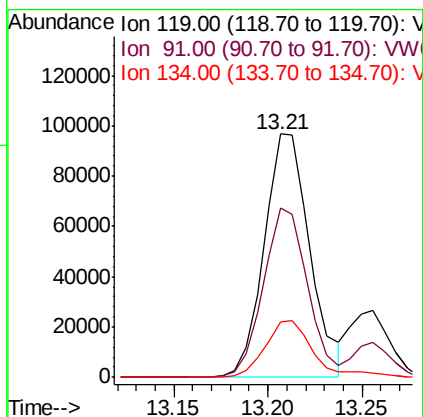
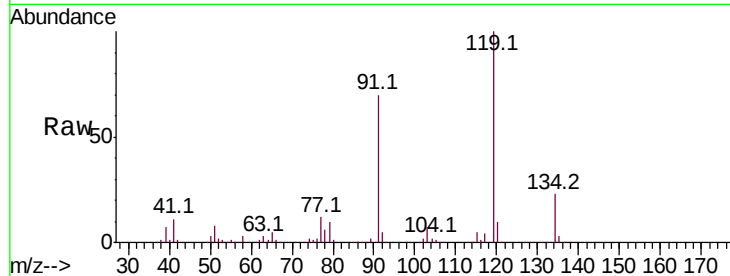




#83
tert-Butylbenzene
Concen: 47.078 ug/l
RT: 13.21 min Scan# 1854
Delta R.T. -0.01 min
Lab File: VW007770.D
Acq: 21 Dec 2018 01:45

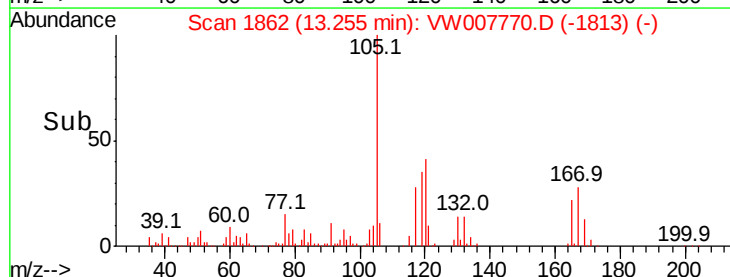
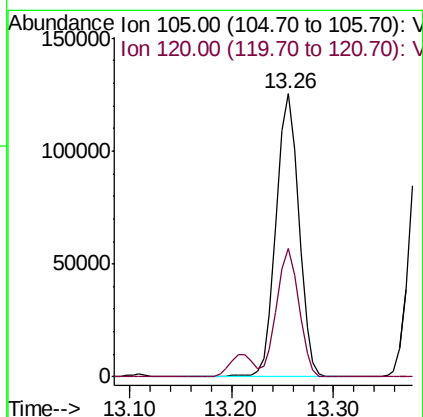
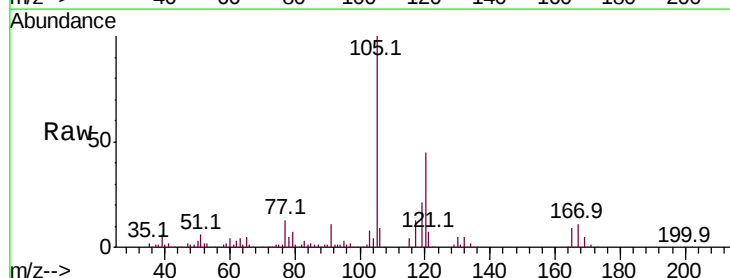
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

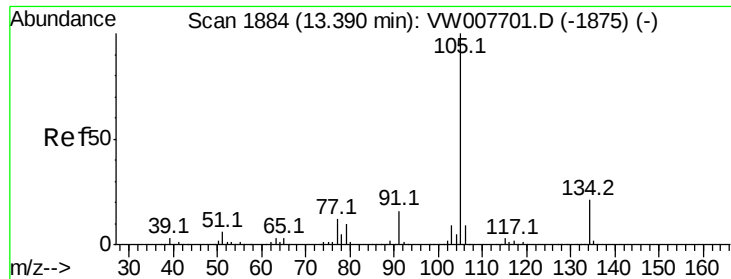
Tot Ion:119 Resp: 162787
Ion Ratio Lower Upper
119 100
91 67.1 34.2 102.5
134 24.9 12.8 38.4



#84
1,2,4-Trimethylbenzene
Concen: 48.461 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. -0.00 min
Lab File: VW007770.D
Acq: 21 Dec 2018 01:45

Tgt Ion:105 Resp: 192706
Ion Ratio Lower Upper
105 100
120 44.5 22.0 66.0

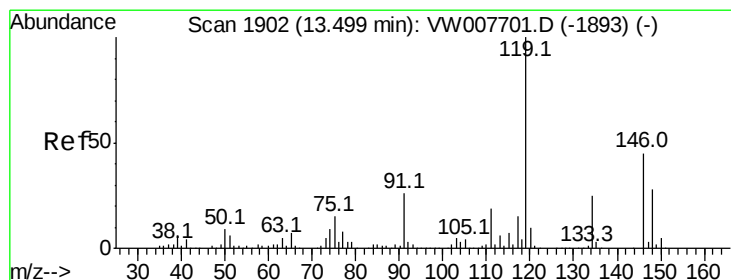
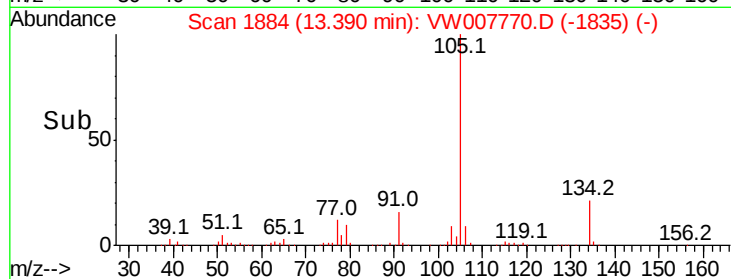
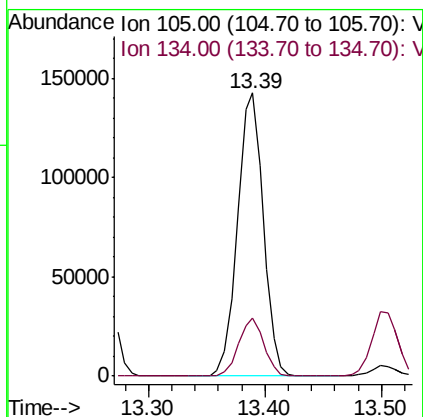
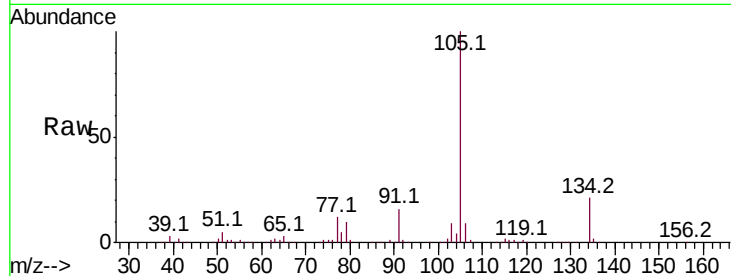




#85
sec-Butylbenzene
Concen: 46.165 ug/l
RT: 13.39 min Scan# 1884
Delta R.T. -0.00 min
Lab File: VW007770.D
Acq: 21 Dec 2018 01:45

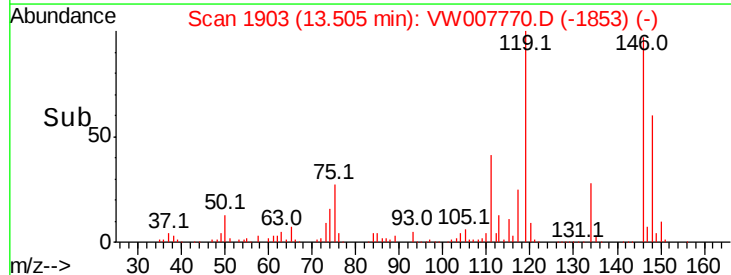
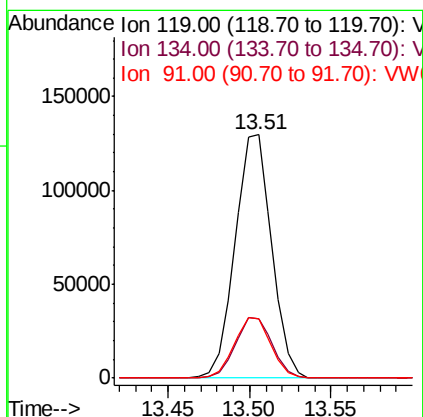
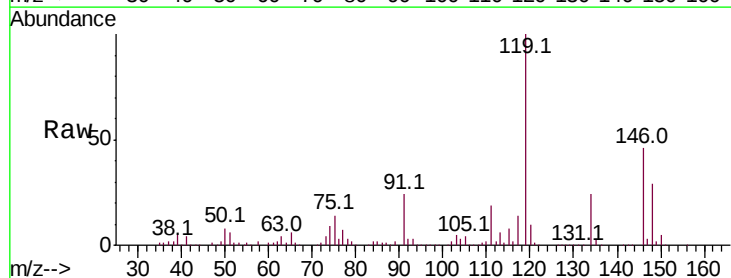
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

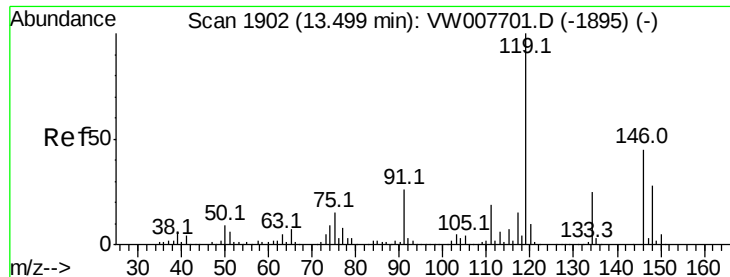
Tot Ion:105 Resp: 219999
Ion Ratio Lower Upper
105 100
134 20.1 10.2 30.4



#86
p-Isopropyltoluene
Concen: 46.538 ug/l
RT: 13.51 min Scan# 1903
Delta R.T. 0.01 min
Lab File: VW007770.D
Acq: 21 Dec 2018 01:45

Tgt Ion:119 Resp: 201666
Ion Ratio Lower Upper
119 100
134 25.1 13.0 39.0
91 25.0 12.8 38.4

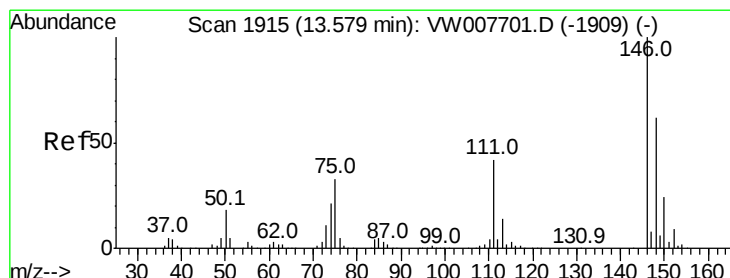
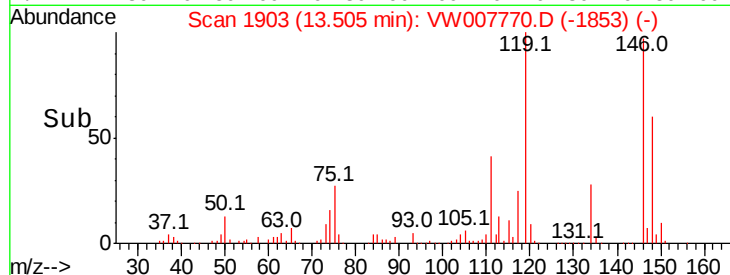
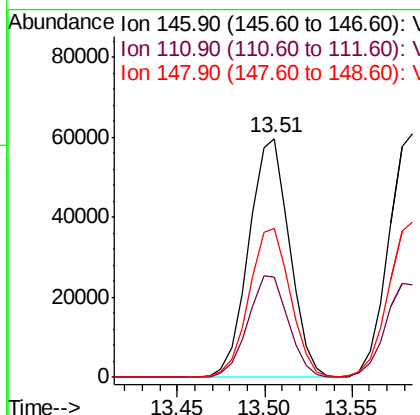
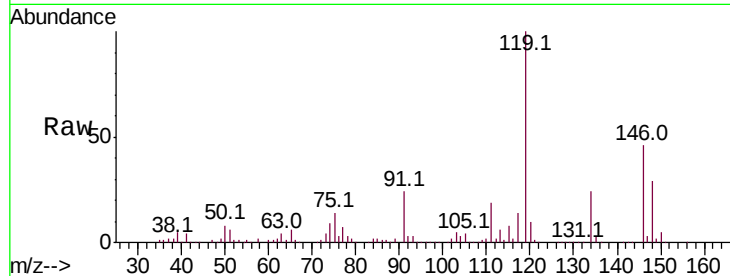




#87
 1,3-Dichlorobenzene
 Concen: 46.379 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. 0.01 min
 Lab File: VW007770.D
 Acq: 21 Dec 2018 01:45

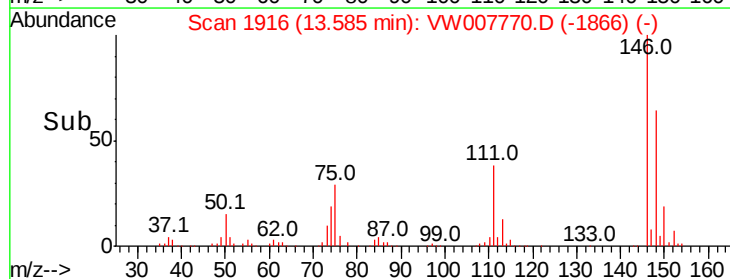
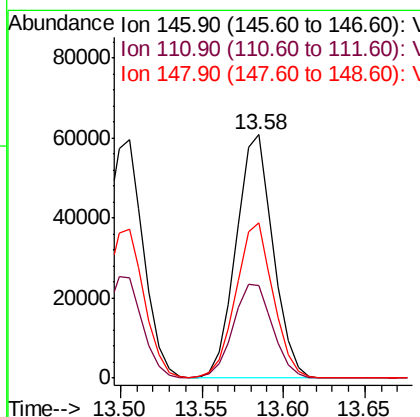
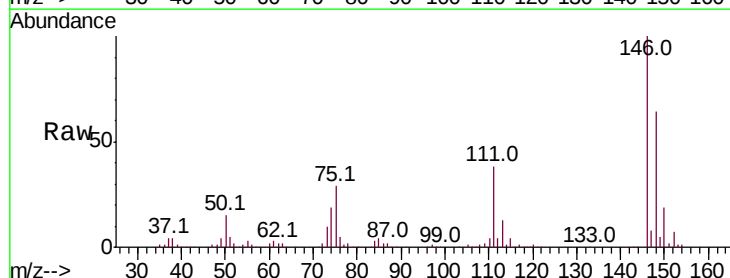
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

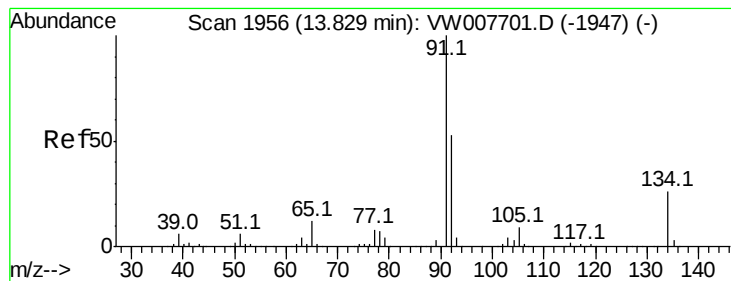
Tot Ion:146 Resp: 96417
 Ion Ratio Lower Upper
 146 100
 111 42.2 21.1 63.4
 148 63.2 32.1 96.5



#88
 1,4-Dichlorobenzene
 Concen: 46.166 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. 0.01 min
 Lab File: VW007770.D
 Acq: 21 Dec 2018 01:45

Tgt Ion:146 Resp: 96002
 Ion Ratio Lower Upper
 146 100
 111 41.3 21.0 63.0
 148 64.2 31.8 95.4





#89

n-Butylbenzene

Concen: 46.009 ug/l

RT: 13.83 min Scan# 1956

Delta R.T. -0.00 min

Lab File: VW007770.D

Acq: 21 Dec 2018 01:45

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

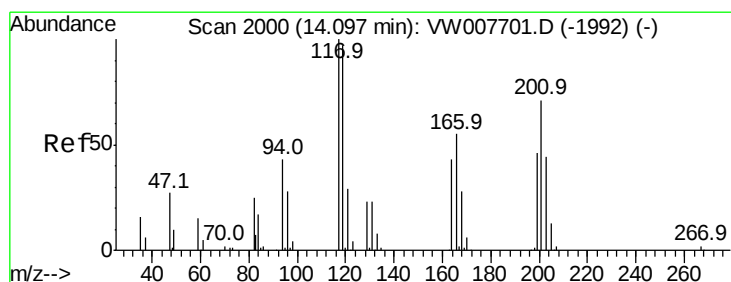
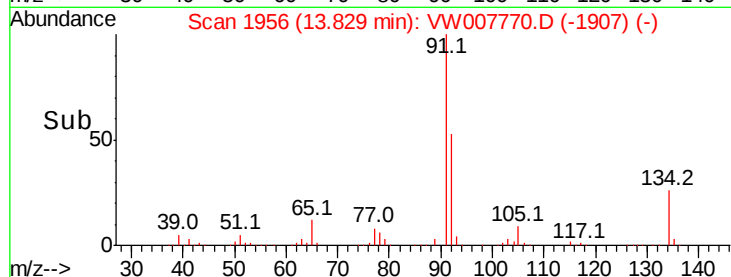
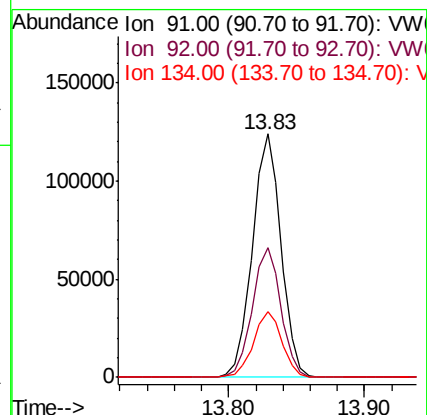
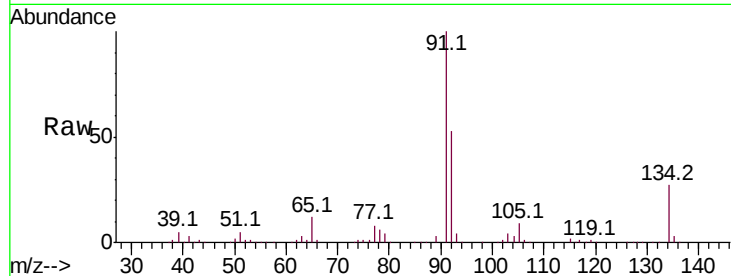
Tot Ion: 91 Resp: 182799

Ion Ratio Lower Upper

91 100

92 53.1 26.4 79.2

134 27.1 13.7 41.0



#90

Hexachloroethane

Concen: 38.811 ug/l

RT: 14.10 min Scan# 2000

Delta R.T. -0.00 min

Lab File: VW007770.D

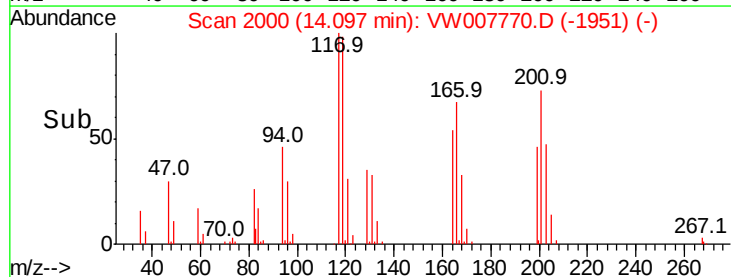
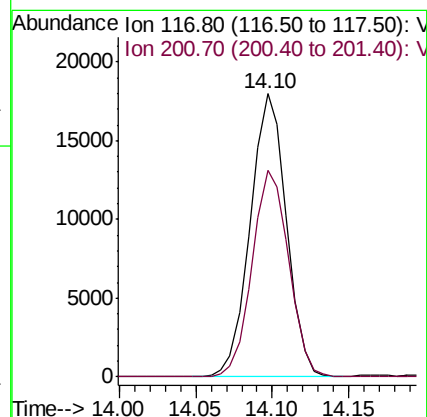
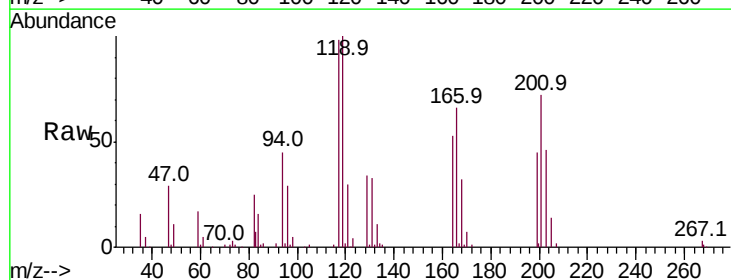
Acq: 21 Dec 2018 01:45

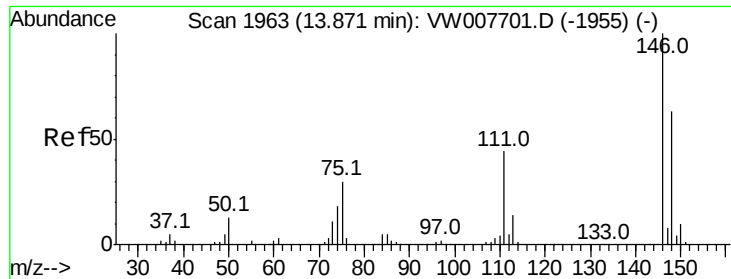
Tgt Ion: 117 Resp: 29526

Ion Ratio Lower Upper

117 100

201 74.1 36.2 108.6





#91

1,2-Dichlorobenzene

Concen: 46.314 ug/l

RT: 13.88 min Scan# 1964

Delta R.T. 0.01 min

Lab File: VW007770.D

Acq: 21 Dec 2018 01:45

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

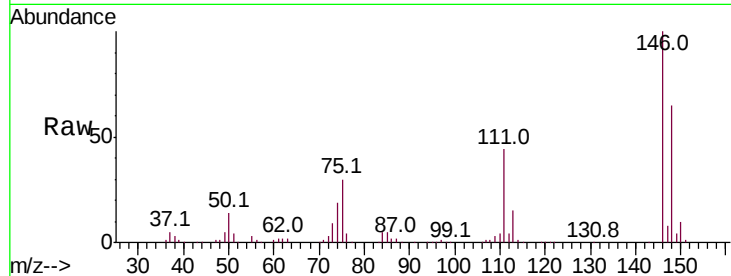
Tot Ion:146 Resp: 86204

Ion Ratio Lower Upper

146 100

111 44.1 21.7 65.1

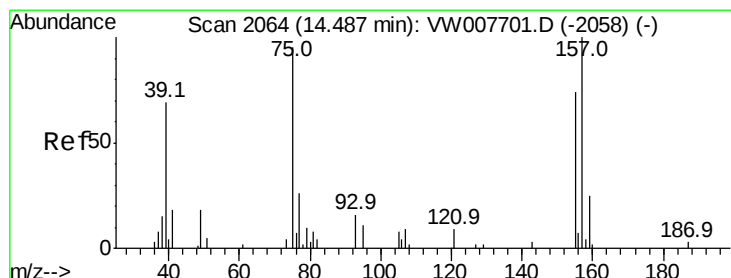
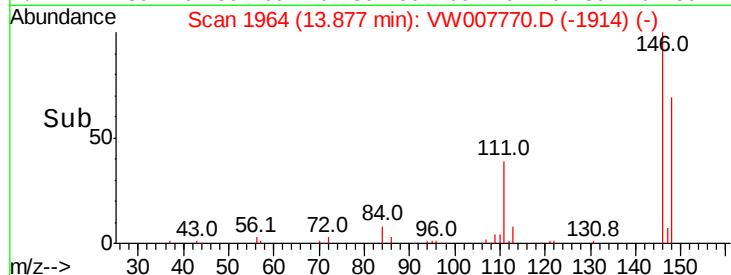
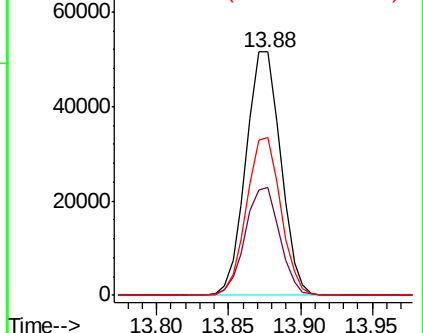
148 63.9 32.1 96.5



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: 43.241 ug/l

RT: 14.49 min Scan# 2064

Delta R.T. -0.00 min

Lab File: VW007770.D

Acq: 21 Dec 2018 01:45

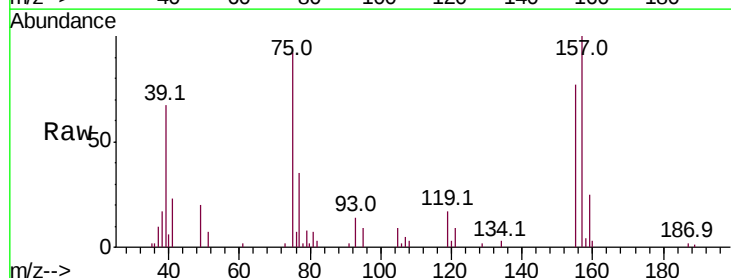
Tgt Ion: 75 Resp: 6083

Ion Ratio Lower Upper

75 100

155 83.0 39.4 118.1

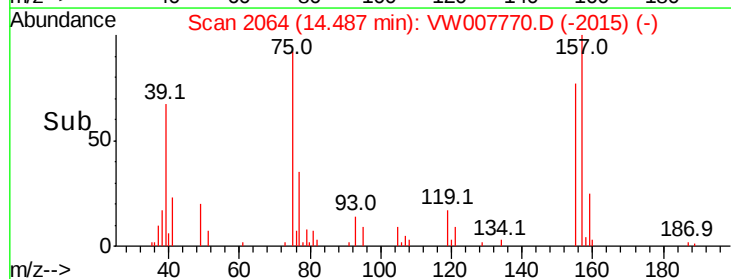
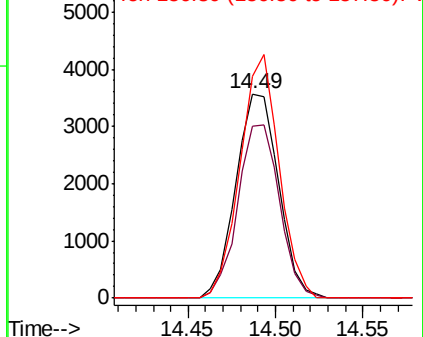
157 108.7 52.0 156.0

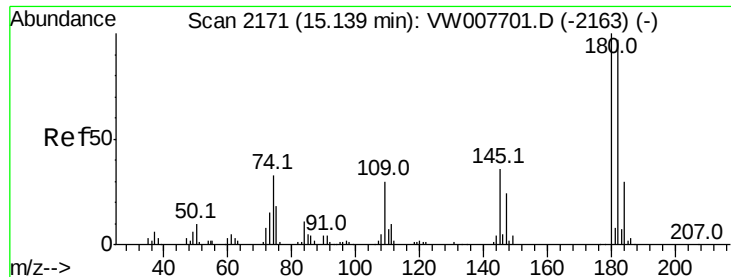


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

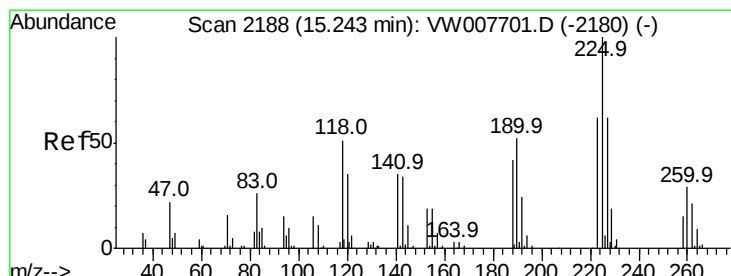
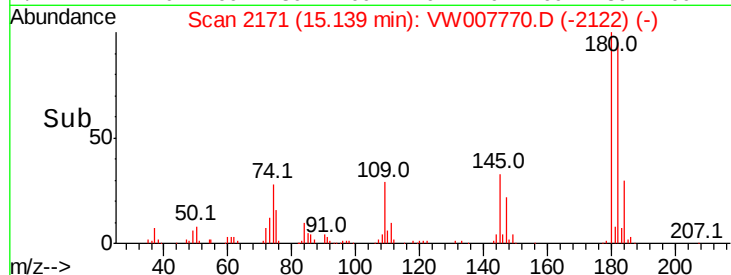
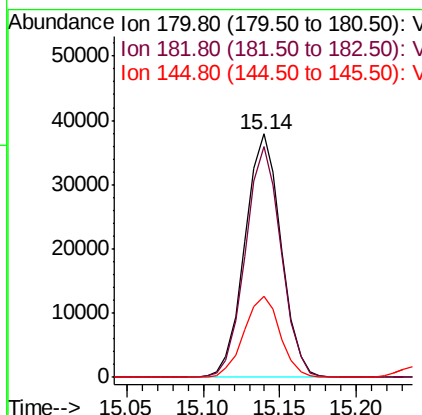
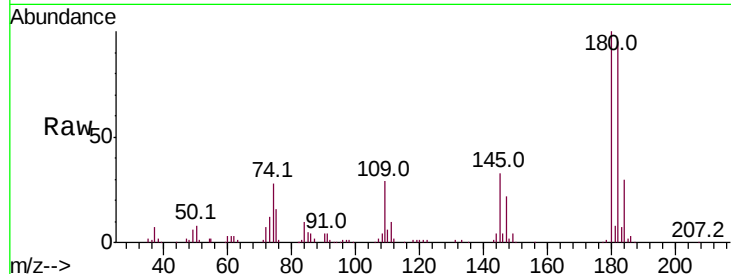




#93
 1,2,4-Trichlorobenzene
 Concen: 48.132 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. -0.00 min
 Lab File: VW007770.D
 Acq: 21 Dec 2018 01:45

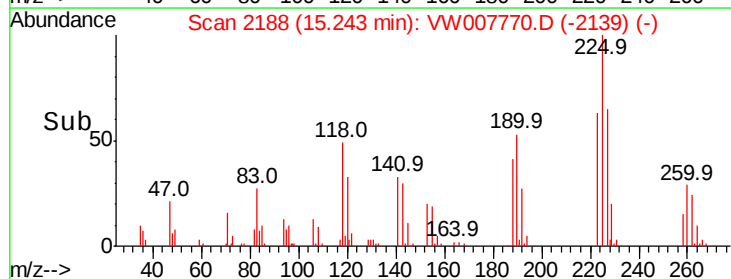
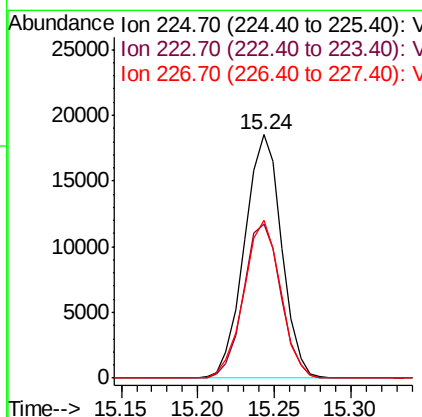
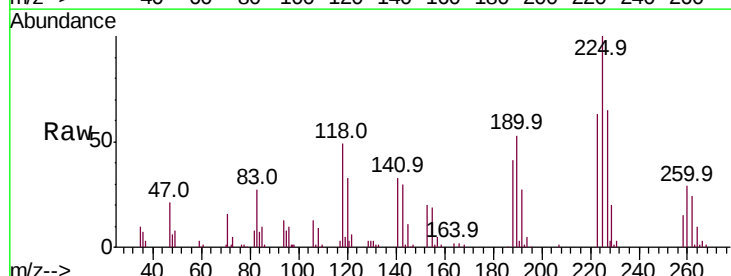
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

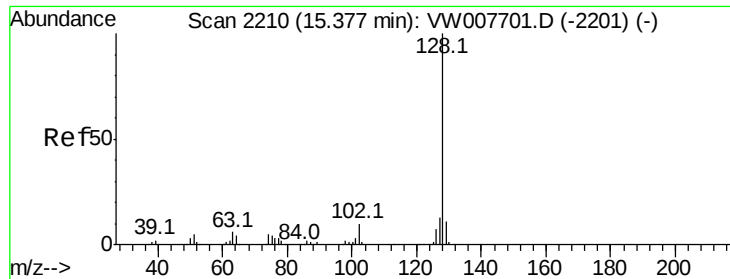
Tot Ion	Ratio	Lower	Upper
180	100		
182	93.8	47.5	142.6
145	33.3	17.5	52.5



#94
 Hexachlorobutadiene
 Concen: 45.245 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. -0.00 min
 Lab File: VW007770.D
 Acq: 21 Dec 2018 01:45

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.6	31.6	94.8
227	64.0	32.1	96.3

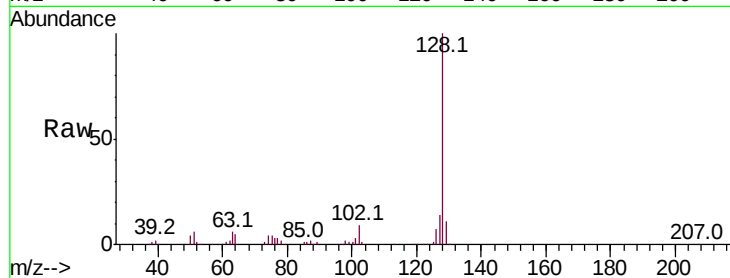




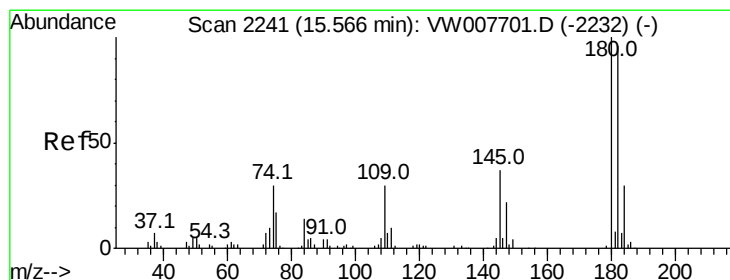
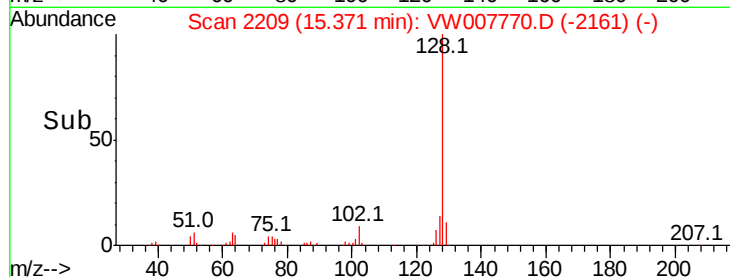
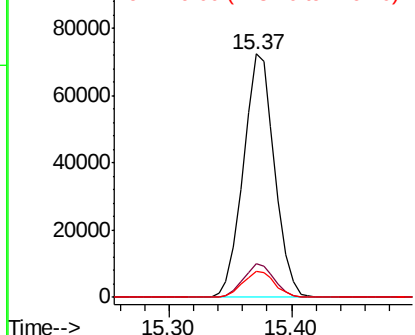
#95
Naphthalene
Concen: 53.484 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. -0.01 min
Lab File: VW007770.D
Acq: 21 Dec 2018 01:45

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion:128 Resp: 127758
Ion Ratio Lower Upper
128 100
127 13.7 10.7 16.1
129 10.9 8.8 13.2

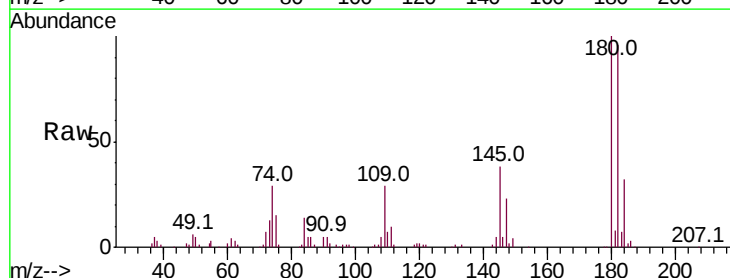


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 47.992 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. -0.00 min
Lab File: VW007770.D
Acq: 21 Dec 2018 01:45

Tgt Ion:180 Resp: 53078
Ion Ratio Lower Upper
180 100
182 95.7 47.4 142.2
145 37.5 18.4 55.0



Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.90 (144.60 to 145.60): V

