

Data File : VW009017.D
Acq On : 06 Mar 2019 12:59
Operator : SY/VA
Sample : VSTDIC150
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

Quant Time: Mar 07 07:02:39 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W030619S.M
Quant Title : SW846 8260
QLast Update : Thu Mar 07 06:55:45 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	309948	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	462710	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	445555	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	244588	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	556991	179.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	358.24%	
35) Dibromofluoromethane	7.88	113	490091	175.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	351.90%	
50) Toluene-d8	10.32	98	1875564	163.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	327.70%	
62) 4-Bromofluorobenzene	12.62	95	730141	165.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	330.32%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	2.00	85	424724	137.943	ug/l	99
3) Chloromethane	2.21	50	603830	155.696	ug/l	99
4) Vinyl Chloride	2.35	62	638638	164.327	ug/l	96
5) Bromomethane	2.75	94	505443	148.101	ug/l	97
6) Chloroethane	2.90	64	453837	164.697	ug/l	96
7) Trichlorofluoromethane	3.25	101	807697	161.339	ug/l	97
8) Diethyl Ether	3.68	74	265095	169.636	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	4.06	101	502994	161.913	ug/l	97
10) Methyl Iodide	4.26	142	588351	200.632	ug/l	100
11) Tert butyl alcohol	5.18	59	179130	787.552	ug/l	99
12) 1,1-Dichloroethene	4.03	96	447459	165.300	ug/l	98
13) Acrolein	3.89	56	193716	759.728	ug/l	98
14) Allyl chloride	4.67	41	820167	175.249	ug/l	99
15) Acrylonitrile	5.37	53	559547	836.353	ug/l	100
16) Acetone	4.12	43	523117	819.503	ug/l	99
17) Carbon Disulfide	4.37	76	1475067	162.597	ug/l	99
18) Methyl Acetate	4.67	43	261966	179.923	ug/l	98
19) Methyl tert-butyl Ether	5.43	73	1241468	177.162	ug/l	98
20) Methylene Chloride	4.91	84	482325	129.062	ug/l	96
21) trans-1,2-Dichloroethene	5.42	96	518208	167.360	ug/l	95
22) Diisopropyl ether	6.31	45	1679441	179.712	ug/l	98
23) Vinyl Acetate	6.26	43	5426061	932.246	ug/l	99
24) 1,1-Dichloroethane	6.21	63	944200	173.765	ug/l	97
25) 2-Butanone	7.17	43	798741	879.128	ug/l	98
26) 2,2-Dichloropropane	7.17	77	828481	166.679	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	572546	175.646	ug/l	99
28) Bromochloromethane	7.51	49	378428	160.436	ug/l	96
29) Tetrahydrofuran	7.52	42	524513	918.921	ug/l	98
30) Chloroform	7.67	83	970150	174.381	ug/l	99
31) Cyclohexane	7.95	56	833115	149.093	ug/l	98
32) 1,1,1-Trichloroethane	7.87	97	858149	167.935	ug/l	100
36) 1,1-Dichloropropene	8.08	75	712074	154.770	ug/l	100
37) Ethyl Acetate	7.25	43	341706	167.912	ug/l	99
38) Carbon Tetrachloride	8.07	117	763638	160.388	ug/l	98

Data File : VW009017.D
Acq On : 06 Mar 2019 12:59
Operator : SY/VA
Sample : VSTDICC150
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC150

Quant Time: Mar 07 07:02:39 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W030619S.M
Quant Title : SW846 8260
QLast Update : Thu Mar 07 06:55:45 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	898860	161.723	ug/l	99
40) Benzene	8.32	78	1921746	154.858	ug/l	98
41) Methacrylonitrile	7.48	41	214914	178.044	ug/l	91
42) 1,2-Dichloroethane	8.40	62	667742	167.649	ug/l	99
43) Isopropyl Acetate	8.42	43	698027	174.487	ug/l	98
44) Trichloroethene	9.09	130	525950	151.998	ug/l	99
45) 1,2-Dichloropropane	9.37	63	485399	157.777	ug/l	96
46) Dibromomethane	9.46	93	282361	166.365	ug/l	98
47) Bromodichloromethane	9.64	83	714571	167.945	ug/l	98
48) Methyl methacrylate	9.43	41	331455	175.343	ug/l	98
49) 1,4-Dioxane	9.45	88	70089	3020.840	ug/l #	96
51) 4-Methyl-2-Pentanone	10.21	43	1731609	855.965	ug/l	100
52) Toluene	10.39	92	1345881	160.653	ug/l	100
53) t-1,3-Dichloropropene	10.60	75	729719	172.894	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	805448	167.167	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	371527	161.168	ug/l	99
56) Ethyl methacrylate	10.65	69	510587	179.062	ug/l	98
57) 1,3-Dichloropropane	10.93	76	652132	160.871	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.92	63	1271372	840.267	ug/l	99
59) 2-Hexanone	10.97	43	1205417	847.592	ug/l	98
60) Dibromochloromethane	11.13	129	472533	168.765	ug/l	100
61) 1,2-Dibromoethane	11.23	107	359659	164.609	ug/l	99
64) Tetrachloroethene	10.86	164	476650	154.938	ug/l	98
65) Chlorobenzene	11.66	112	1451615	156.962	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	523523	168.562	ug/l	99
67) Ethyl Benzene	11.73	91	2780330	165.812	ug/l	99
68) m/p-Xylenes	11.84	106	2194044	331.611	ug/l	99
69) o-Xylene	12.16	106	1051051	170.170	ug/l	99
70) Styrene	12.18	104	1767985	176.697	ug/l	98
71) Bromoform	12.35	173	291700	176.272	ug/l #	97
73) Isopropylbenzene	12.46	105	2887617	172.480	ug/l	100
74) N-amyl acetate	12.27	43	723253	181.458	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	435389	166.733	ug/l	98
76) 1,2,3-Trichloropropane	12.77	75	622212	235.379	ug/l #	100
77) Bromobenzene	12.75	156	611906	161.452	ug/l	96
78) n-propylbenzene	12.80	91	3469783	168.820	ug/l	99
79) 2-Chlorotoluene	12.90	91	1934546	166.698	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	2452730	170.710	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	148641	185.853	ug/l	98
82) 4-Chlorotoluene	12.99	91	2068847	167.597	ug/l	99
83) tert-Butylbenzene	13.21	119	2074239	167.549	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	2506786	170.427	ug/l	100
85) sec-Butylbenzene	13.38	105	3000742	166.160	ug/l	99
86) p-Isopropyltoluene	13.50	119	2786040	171.394	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	1310769	161.551	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	1240381	154.137	ug/l	99
89) n-Butylbenzene	13.83	91	2609177	169.544	ug/l	99
90) Hexachloroethane	14.10	117	467969	168.046	ug/l	99
91) 1,2-Dichlorobenzene	13.87	146	1093232	154.001	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	75439	158.060	ug/l	95

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW030619\
Quantitation Report (Not Reviewed)

Data File : VW009017.D
Acq On : 06 Mar 2019 12:59
Operator : SY/VA
Sample : VSTDICC150
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC150

Quant Time: Mar 07 07:02:39 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W030619S.M
Quant Title : SW846 8260
QLast Update : Thu Mar 07 06:55:45 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	770973	158.604	ug/l	100
94) Hexachlorobutadiene	15.24	225	441267	142.815	ug/l	98
95) Naphthalene	15.37	128	1386589	175.928	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	661187	157.101	ug/l	98

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

Data File : VW009017.D

Acq On : 06 Mar 2019 12:59

Operator : SY/VA

Sample : VSTDICC150

Misc : 5.00G/5ML/MSVOA W/SOIL

```
ALS Vial      : 8      Sample Multiplier: 1
```

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC150

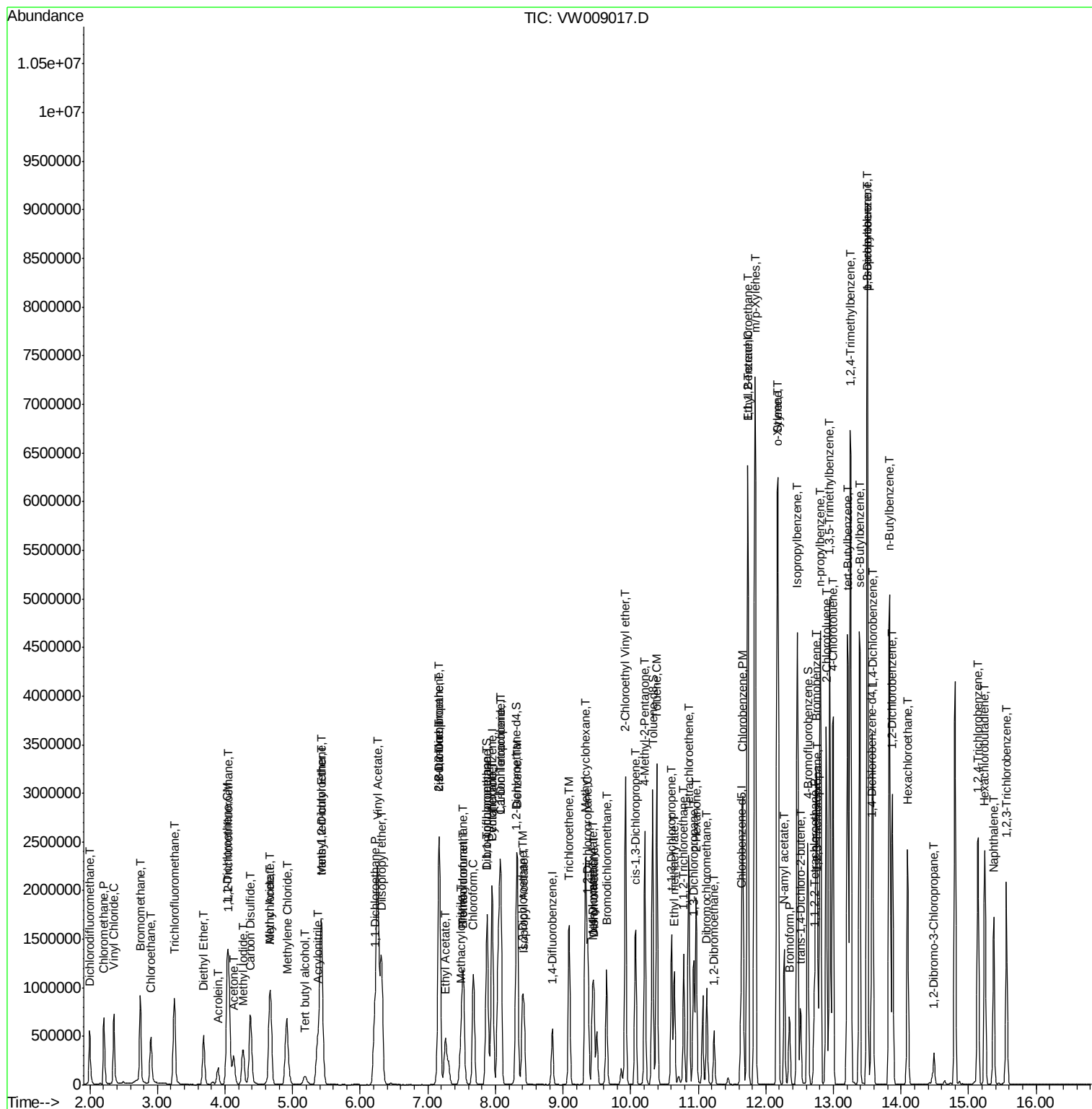
Quant Time: Mar 07 07:02:39 2019

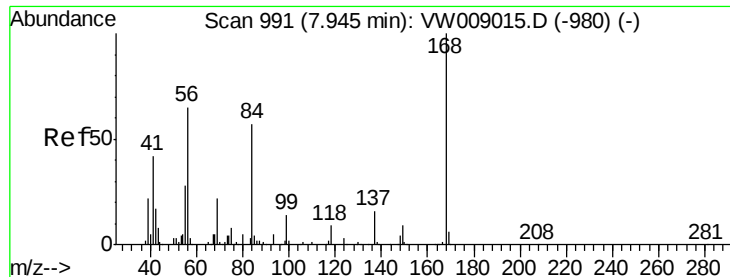
Quant Method : Z:\V0ASRV\HPCHEM1\MSV0A_W\METHOD\82W030619S.M

Quant Title : SW846 8260

QLast Update : Thu Mar 07 06:55:45 2019

Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. 0.00 min

Lab File: VW009017.D

Acq: 06 Mar 2019 12:59

Instrument :

MSVOA_W

ClientSampleId :

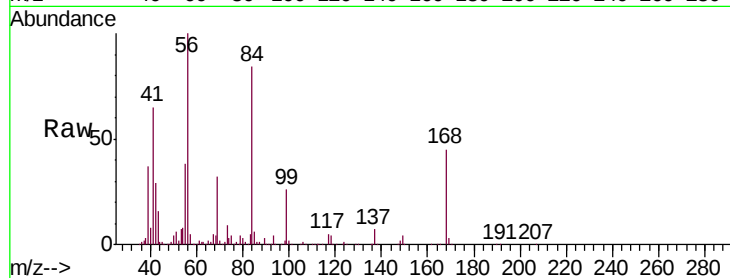
VSTDIC150

Tgt Ion:168 Resp: 309948

Ion Ratio Lower Upper

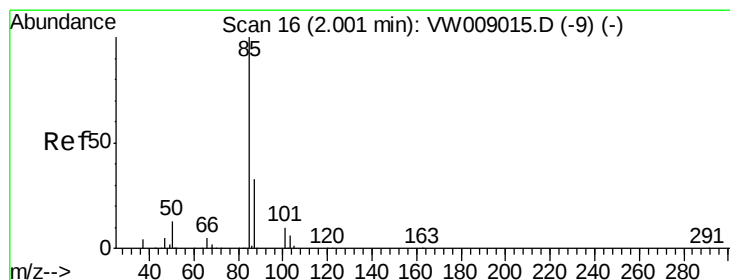
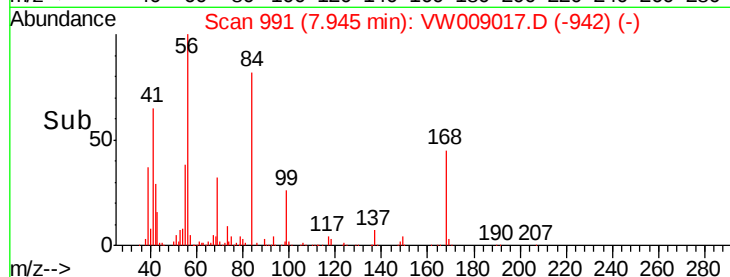
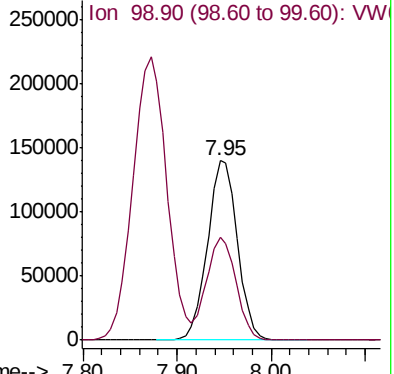
168 100

99 57.4 43.5 65.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: 137.943 ug/l

RT: 2.00 min Scan# 15

Delta R.T. -0.01 min

Lab File: VW009017.D

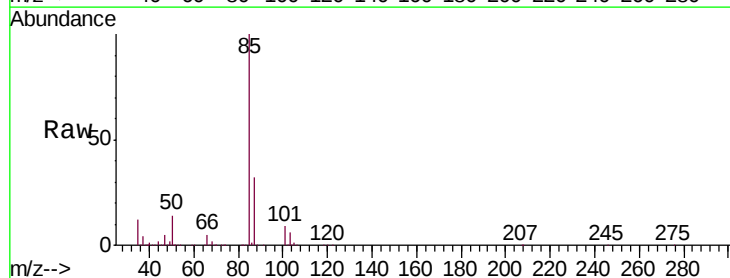
Acq: 06 Mar 2019 12:59

Tgt Ion: 85 Resp: 424724

Ion Ratio Lower Upper

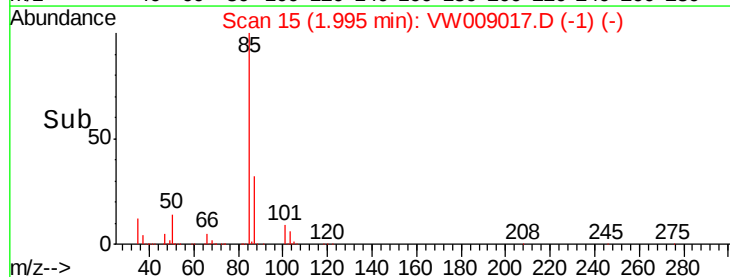
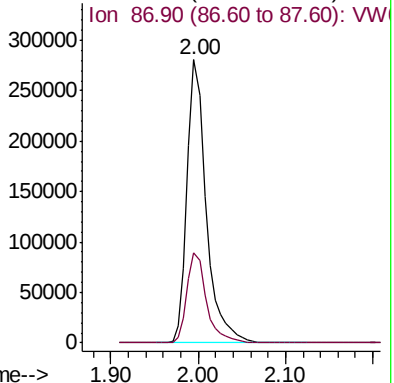
85 100

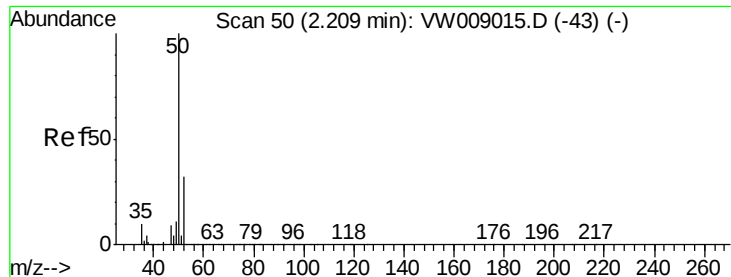
87 32.0 16.4 49.2



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#3

Chloromethane

Concen: 155.696 ug/l

RT: 2.21 min Scan# 50

Delta R.T. 0.00 min

Lab File: VW009017.D

Acq: 06 Mar 2019 12:59

Instrument :

MSVOA_W

ClientSampleId :

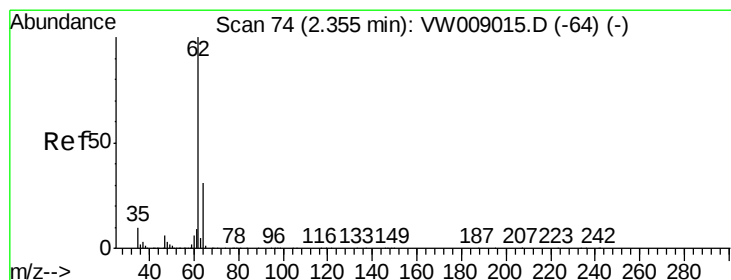
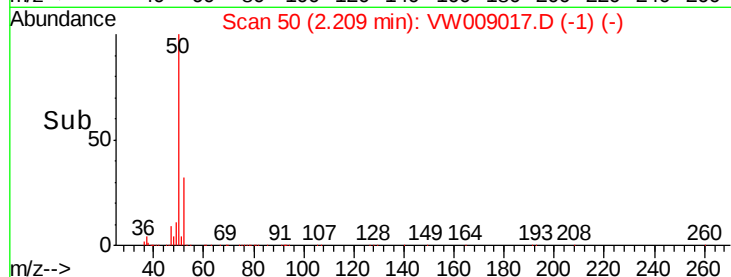
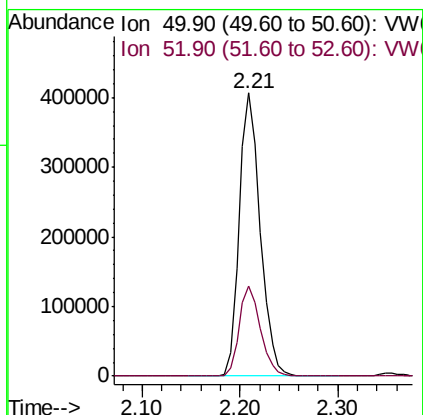
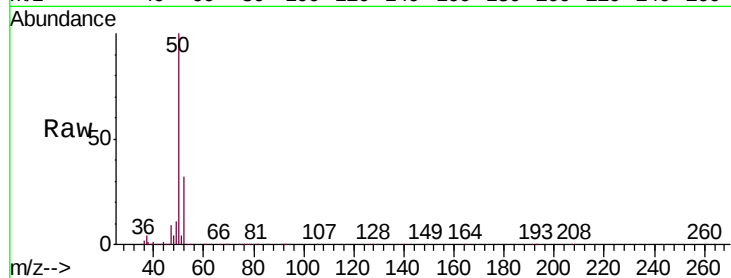
VSTDIC150

Tgt Ion: 50 Resp: 603830

Ion Ratio Lower Upper

50 100

52 31.9 25.3 37.9



#4

Vinyl Chloride

Concen: 164.327 ug/l

RT: 2.35 min Scan# 74

Delta R.T. 0.00 min

Lab File: VW009017.D

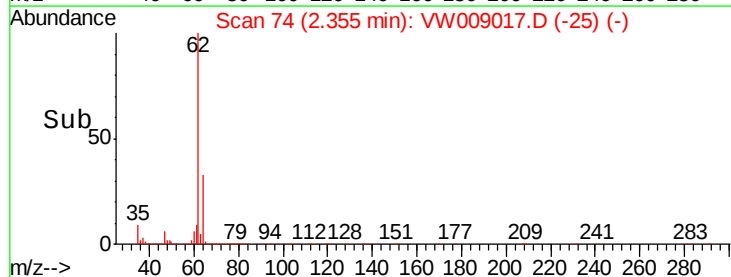
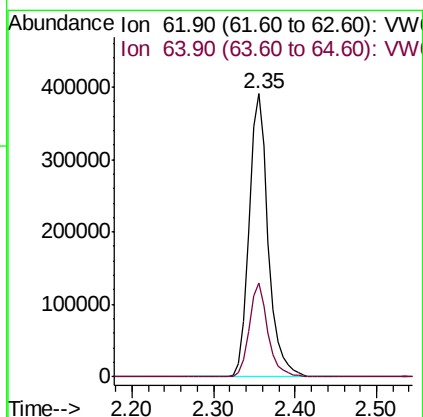
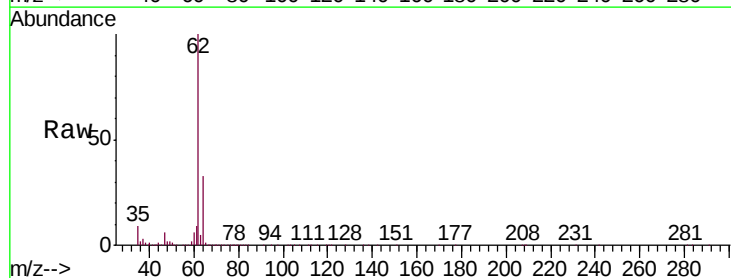
Acq: 06 Mar 2019 12:59

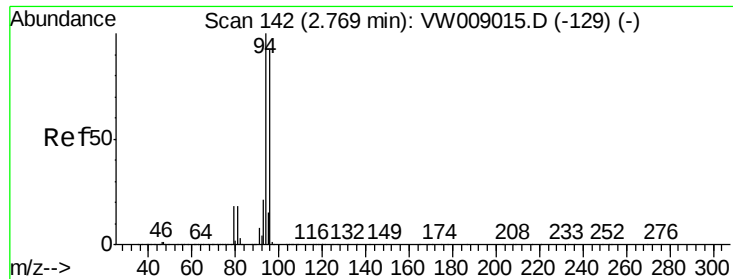
Tgt Ion: 62 Resp: 638638

Ion Ratio Lower Upper

62 100

64 33.1 24.6 36.8





#5

Bromomethane

Concen: 148.101 ug/l

RT: 2.75 min Scan# 138

Delta R.T. -0.02 min

Lab File: VW009017.D

Acq: 06 Mar 2019 12:59

Instrument :

MSVOA_W

ClientSampleId :

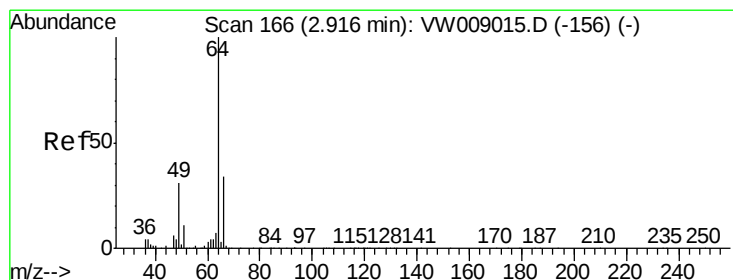
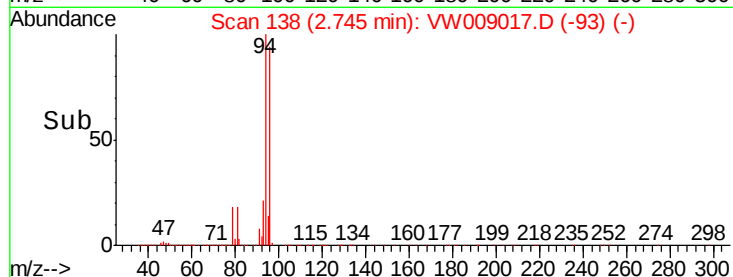
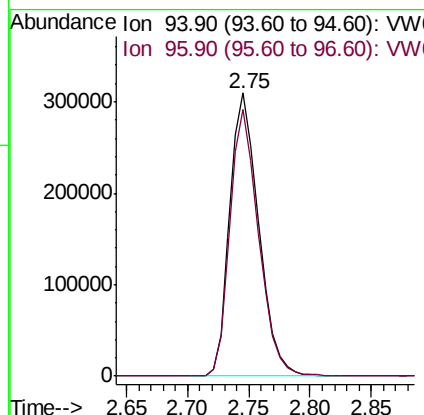
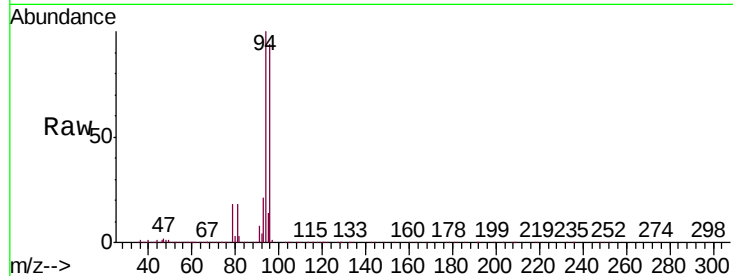
VSTDIC150

Tgt Ion: 94 Resp: 505443

Ion Ratio Lower Upper

94 100

96 94.4 73.4 110.0



#6

Chloroethane

Concen: 164.697 ug/l

RT: 2.90 min Scan# 164

Delta R.T. -0.01 min

Lab File: VW009017.D

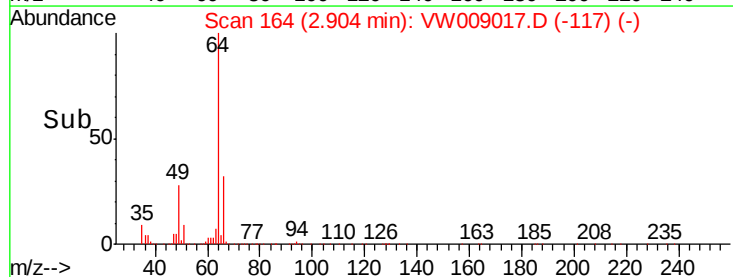
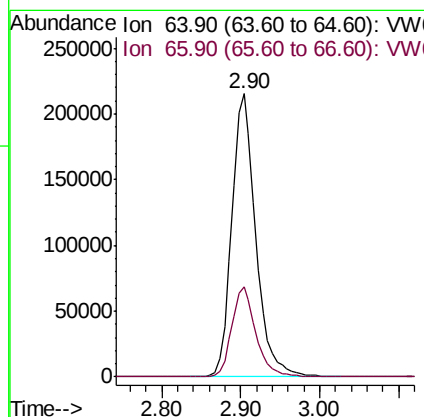
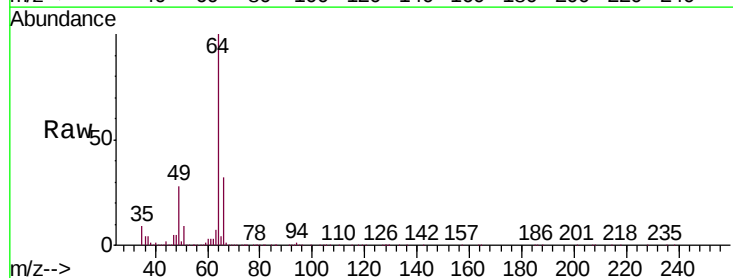
Acq: 06 Mar 2019 12:59

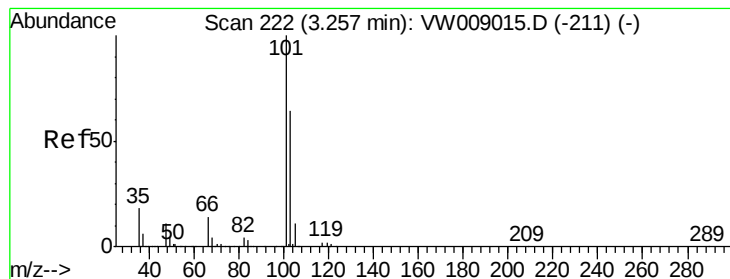
Tgt Ion: 64 Resp: 453837

Ion Ratio Lower Upper

64 100

66 31.8 27.2 40.8



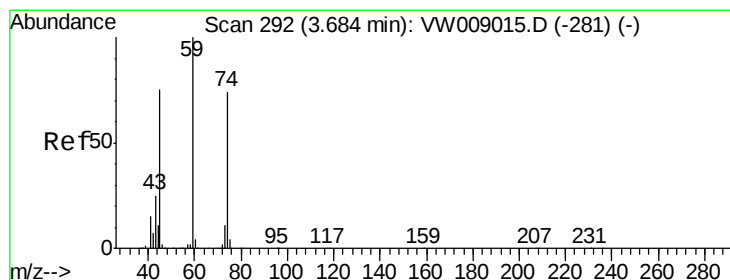
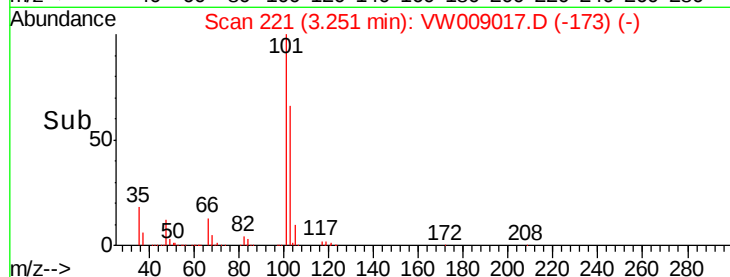
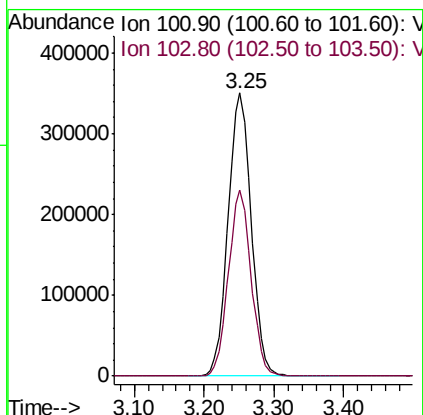
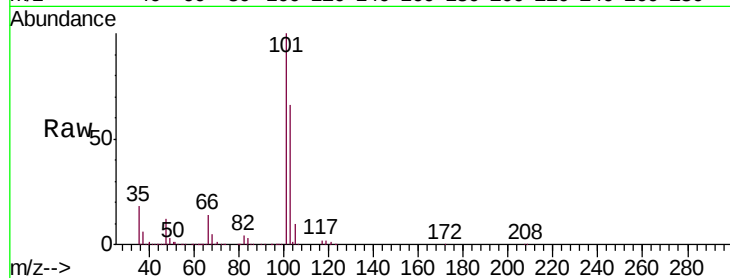


#7

Trichlorofluoromethane
 Concen: 161.339 ug/l
 RT: 3.25 min Scan# 221
 Delta R.T. -0.01 min
 Lab File: VW009017.D
 Acq: 06 Mar 2019 12:59

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

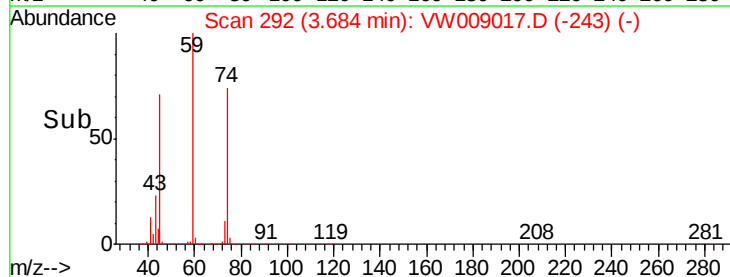
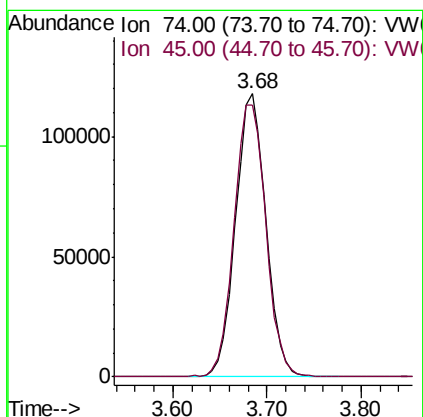
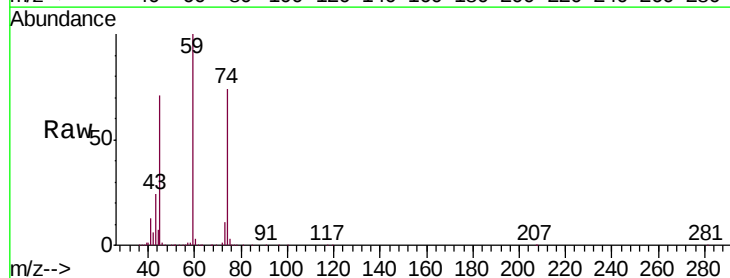
Tgt Ion: 101 Resp: 807697
 Ion Ratio Lower Upper
 101 100
 103 65.9 51.1 76.7

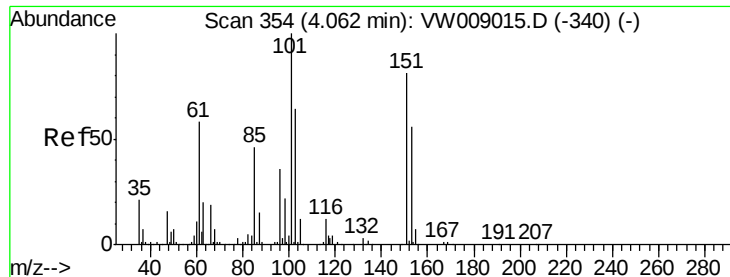


#8

Diethyl Ether
 Concen: 169.636 ug/l
 RT: 3.68 min Scan# 292
 Delta R.T. 0.00 min
 Lab File: VW009017.D
 Acq: 06 Mar 2019 12:59

Tgt Ion: 74 Resp: 265095
 Ion Ratio Lower Upper
 74 100
 45 101.5 48.8 146.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 161.913 ug/l

RT: 4.06 min Scan# 353

Delta R.T. -0.01 min

Lab File: VW009017.D

Acq: 06 Mar 2019 12:59

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

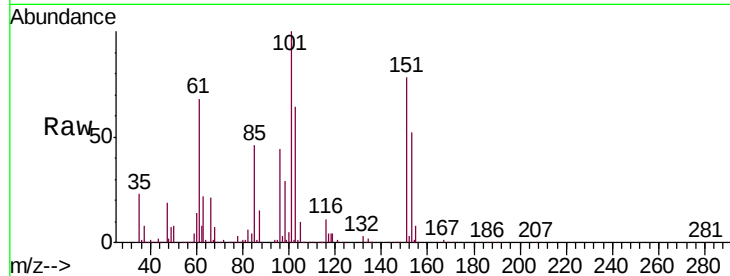
Tgt Ion:101 Resp: 502994

Ion Ratio Lower Upper

101 100

85 45.3 36.6 55.0

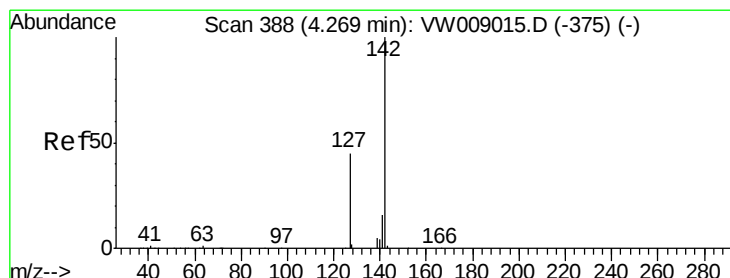
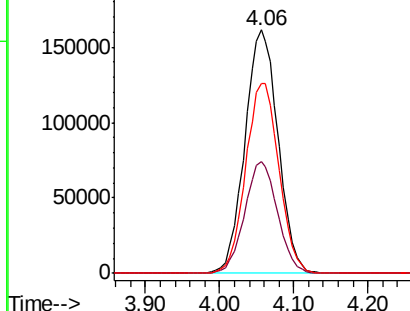
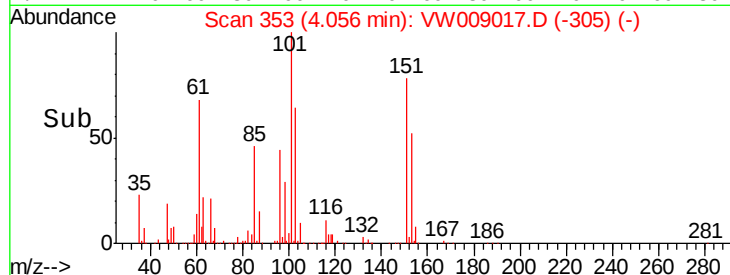
151 78.7 66.0 99.0



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VW

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 200.632 ug/l

RT: 4.26 min Scan# 387

Delta R.T. -0.01 min

Lab File: VW009017.D

Acq: 06 Mar 2019 12:59

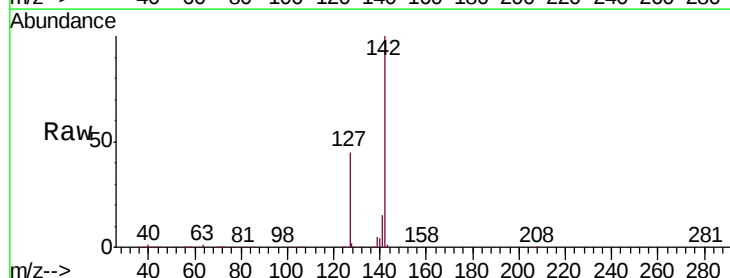
Tgt Ion:142 Resp: 588351

Ion Ratio Lower Upper

142 100

127 45.1 36.2 54.2

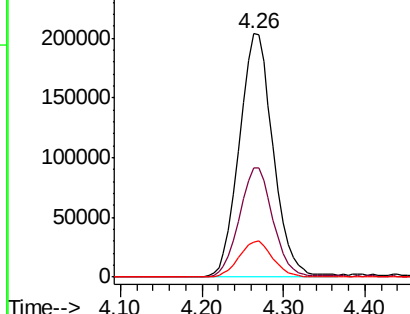
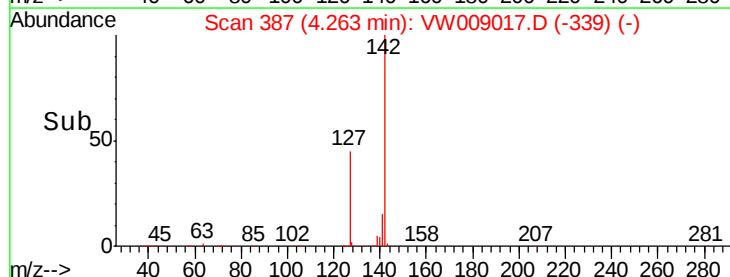
141 15.0 12.3 18.5

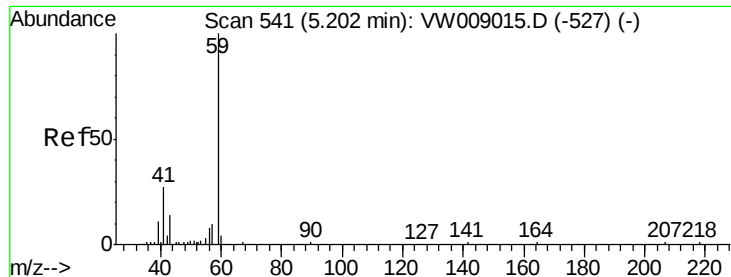


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 787.552 ug/l

RT: 5.18 min Scan# 537

Delta R.T. -0.02 min

Lab File: VW009017.D

Acq: 06 Mar 2019 12:59

Instrument :

MSVOA_W

ClientSampleId :

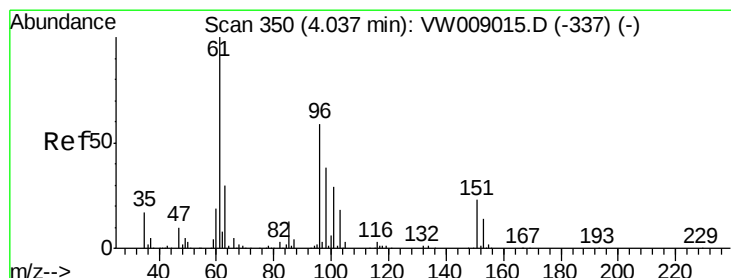
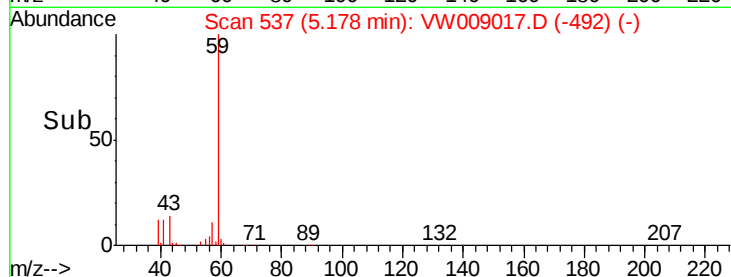
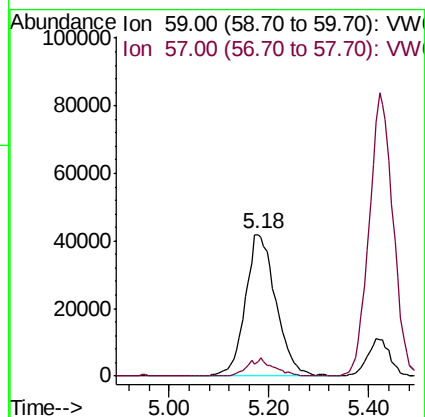
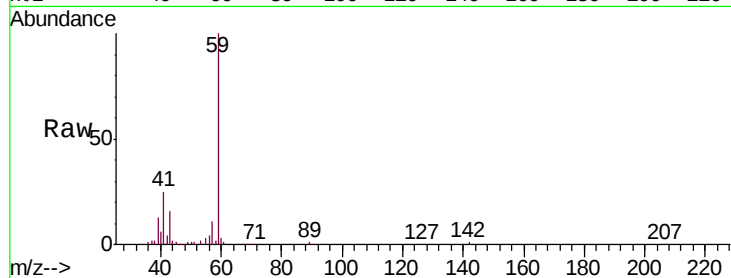
VSTDIC150

Tgt Ion: 59 Resp: 179130

Ion Ratio Lower Upper

59 100

57 10.8 9.0 13.6



#12

1,1-Dichloroethene

Concen: 165.300 ug/l

RT: 4.03 min Scan# 349

Delta R.T. -0.01 min

Lab File: VW009017.D

Acq: 06 Mar 2019 12:59

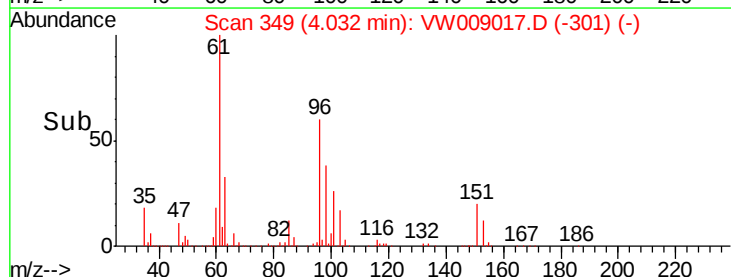
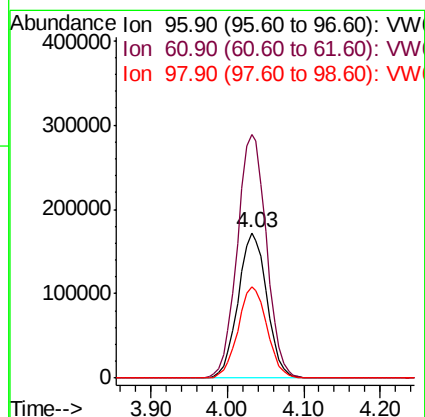
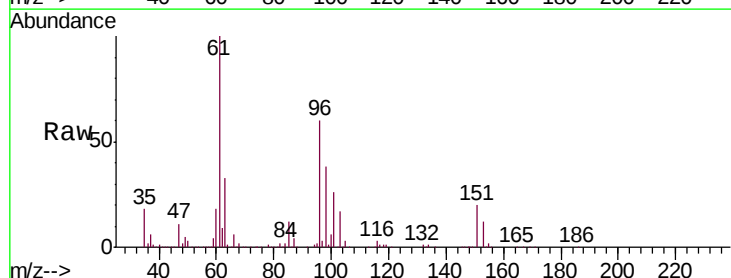
Tgt Ion: 96 Resp: 447459

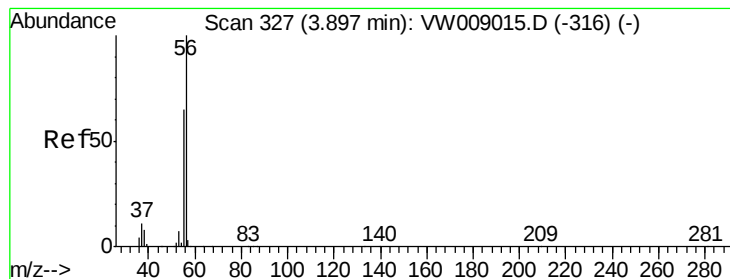
Ion Ratio Lower Upper

96 100

61 167.4 135.8 203.6

98 62.9 51.6 77.4





#13

Acrolein

Concen: 759.728 ug/l

RT: 3.89 min Scan# 326

Delta R.T. -0.01 min

Lab File: VW009017.D

Acq: 06 Mar 2019 12:59

Instrument :

MSVOA_W

ClientSampleId :

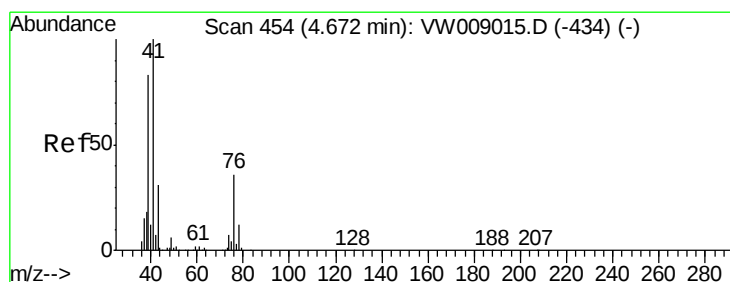
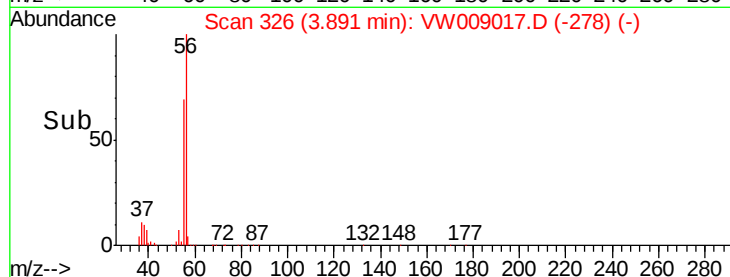
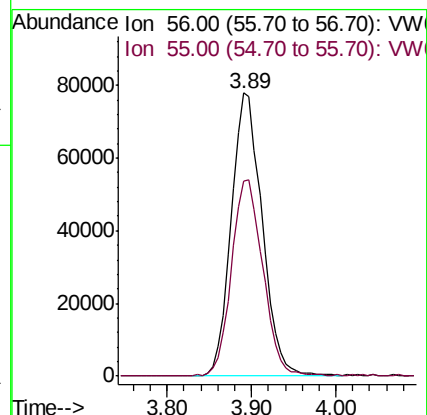
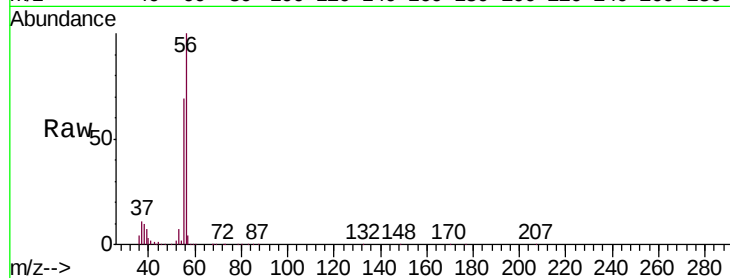
VSTDIC150

Tgt Ion: 56 Resp: 193716

Ion Ratio Lower Upper

56 100

55 69.7 57.1 85.7



#14

Allyl chloride

Concen: 175.249 ug/l

RT: 4.67 min Scan# 453

Delta R.T. -0.01 min

Lab File: VW009017.D

Acq: 06 Mar 2019 12:59

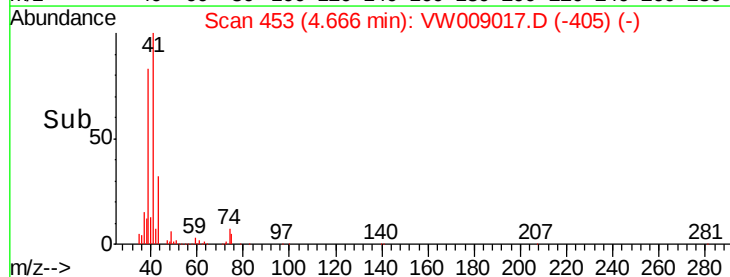
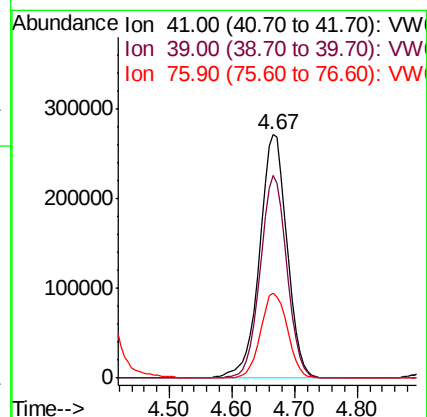
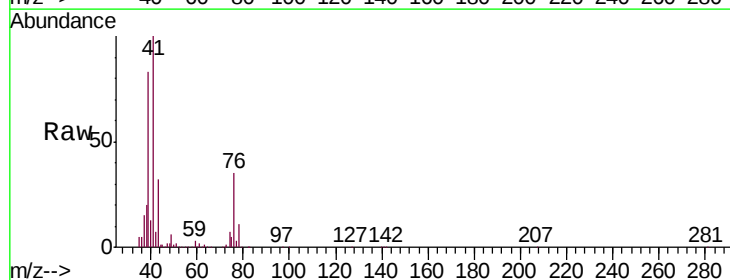
Tgt Ion: 41 Resp: 820167

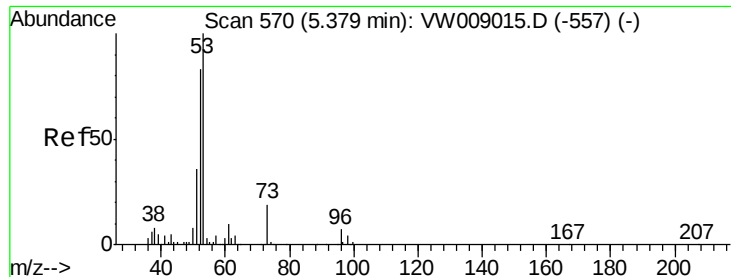
Ion Ratio Lower Upper

41 100

39 80.8 63.6 95.4

76 34.2 27.9 41.9





#15

Acrylonitrile

Concen: 836.353 ug/l

RT: 5.37 min Scan# 569

Delta R.T. -0.01 min

Lab File: VW009017.D

Acq: 06 Mar 2019 12:59

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

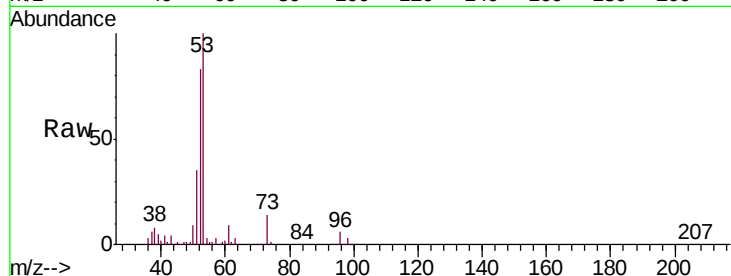
Tgt Ion: 53 Resp: 559547

Ion Ratio Lower Upper

53 100

52 83.4 66.6 100.0

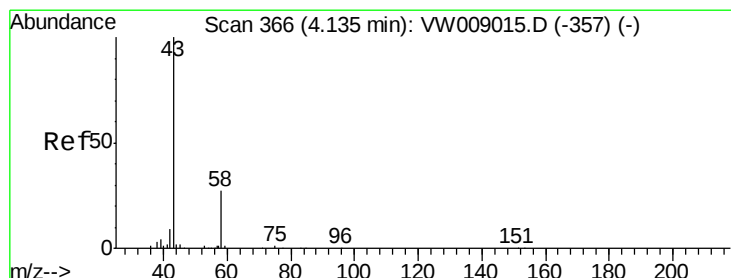
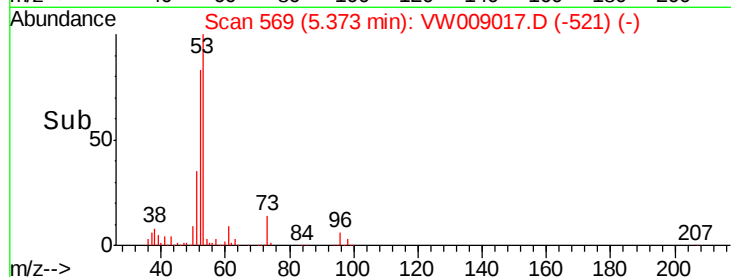
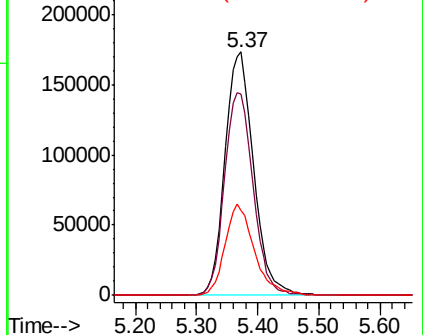
51 38.4 30.6 45.8



Abundance Ion 53.00 (52.70 to 53.70): VW

Ion 52.00 (51.70 to 52.70): VW

Ion 51.00 (50.70 to 51.70): VW



#16

Acetone

Concen: 819.503 ug/l

RT: 4.12 min Scan# 364

Delta R.T. -0.01 min

Lab File: VW009017.D

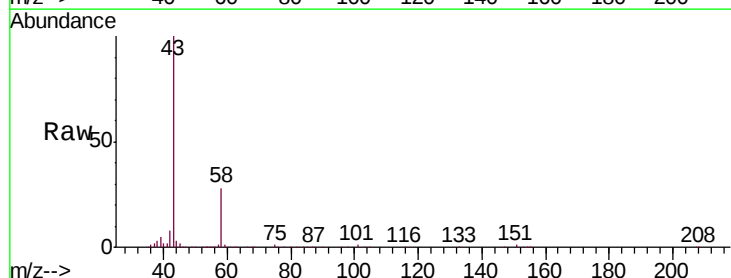
Acq: 06 Mar 2019 12:59

Tgt Ion: 43 Resp: 523117

Ion Ratio Lower Upper

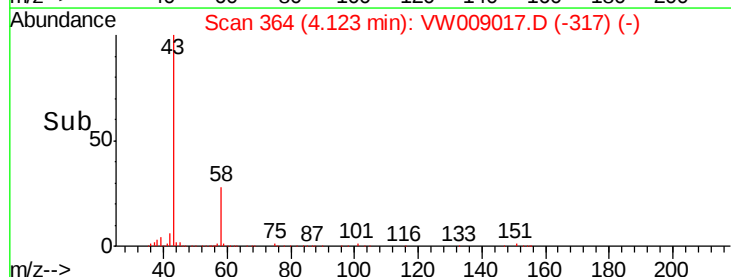
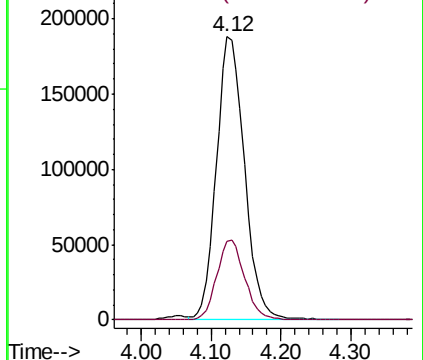
43 100

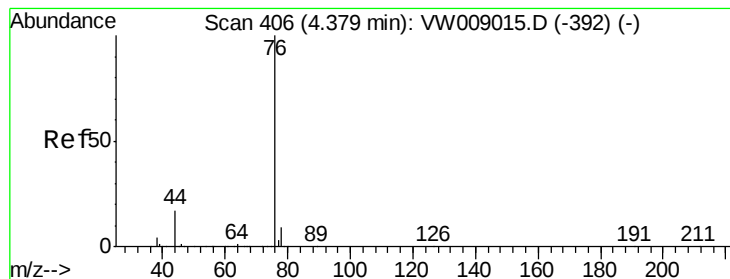
58 27.6 21.6 32.4



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW





#17

Carbon Disulfide

Concen: 162.597 ug/l

RT: 4.37 min Scan# 405

Delta R.T. -0.01 min

Lab File: VW009017.D

Acq: 06 Mar 2019 12:59

Instrument :

MSVOA_W

ClientSampleId :

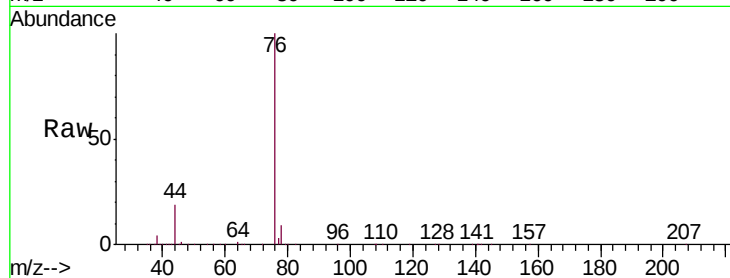
VSTDIC150

Tgt Ion: 76 Resp: 1475067

Ion Ratio Lower Upper

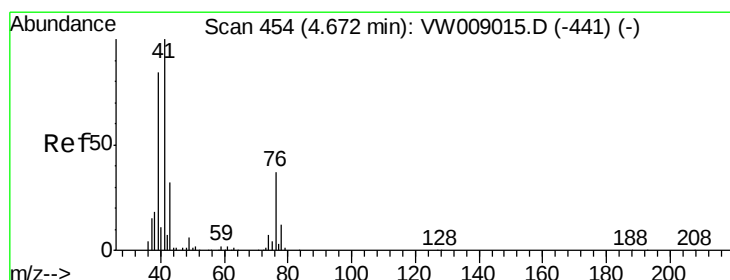
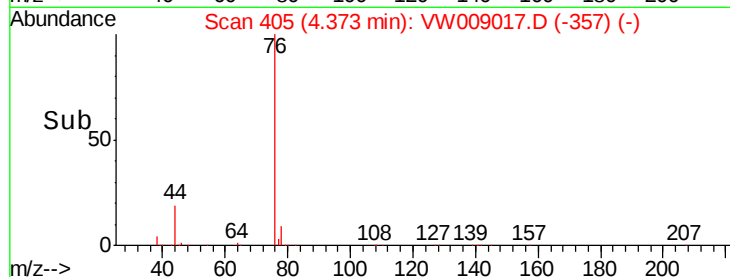
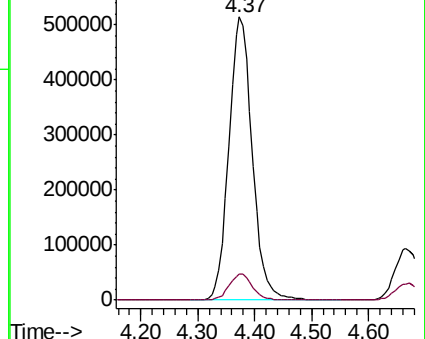
76 100

78 9.1 6.9 10.3



Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW



#18

Methyl Acetate

Concen: 179.923 ug/l

RT: 4.67 min Scan# 454

Delta R.T. 0.00 min

Lab File: VW009017.D

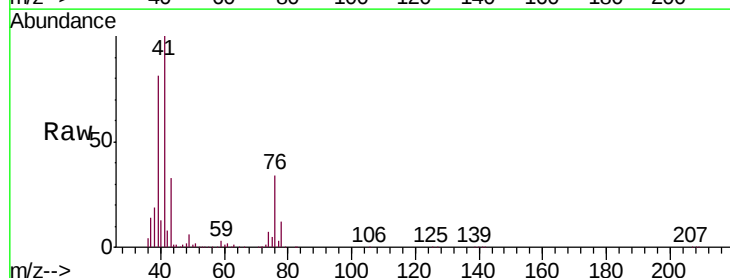
Acq: 06 Mar 2019 12:59

Tgt Ion: 43 Resp: 261966

Ion Ratio Lower Upper

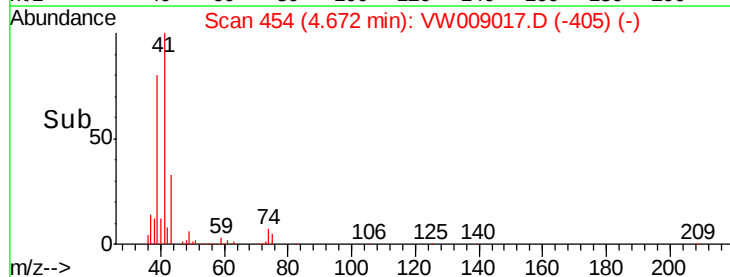
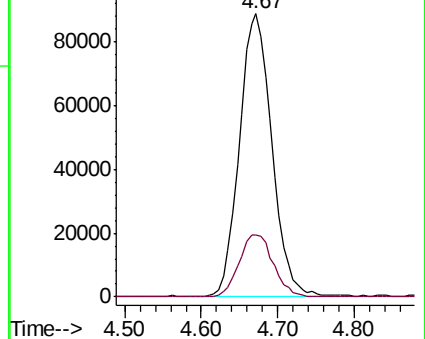
43 100

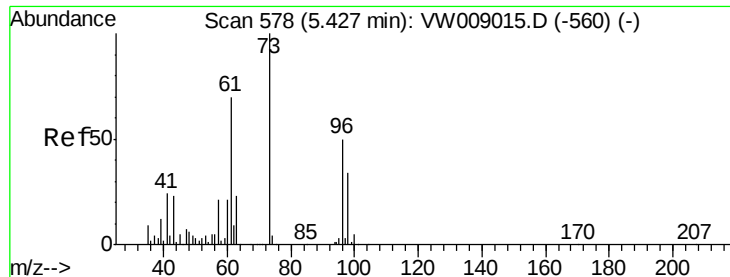
74 23.1 17.7 26.5



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW



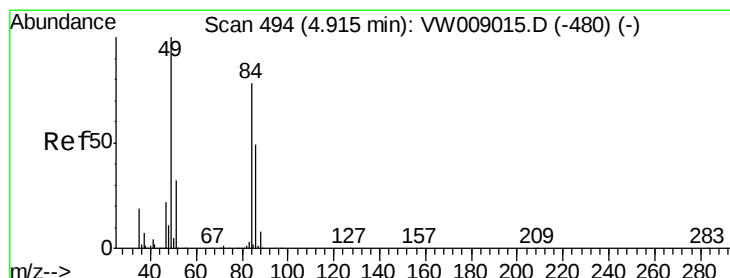
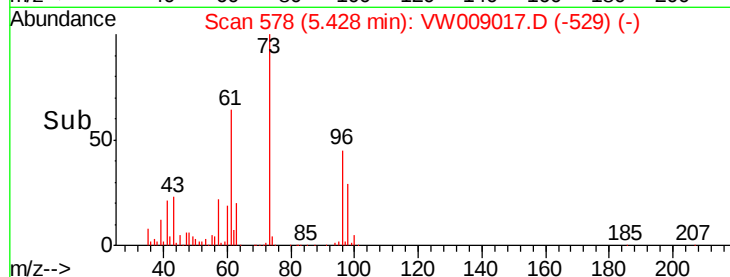
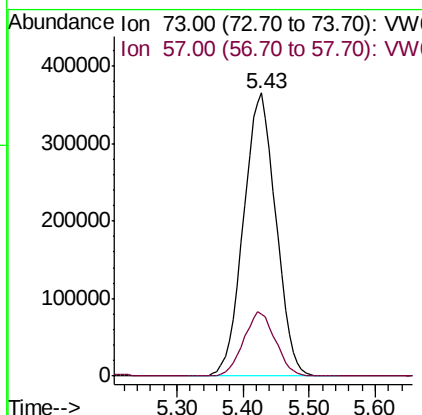
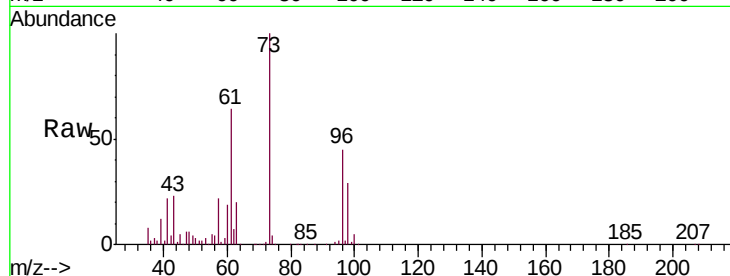


#19

Methyl tert-butyl Ether
 Concen: 177.162 ug/l
 RT: 5.43 min Scan# 578
 Delta R.T. 0.00 min
 Lab File: VW009017.D
 Acq: 06 Mar 2019 12:59

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

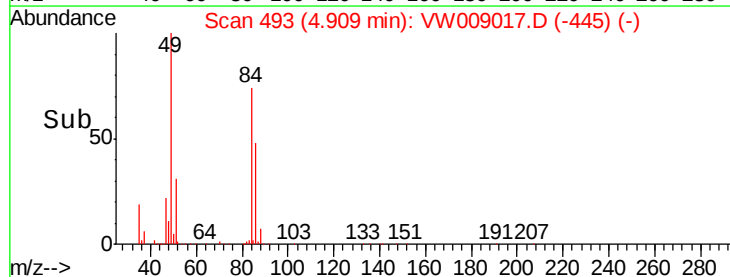
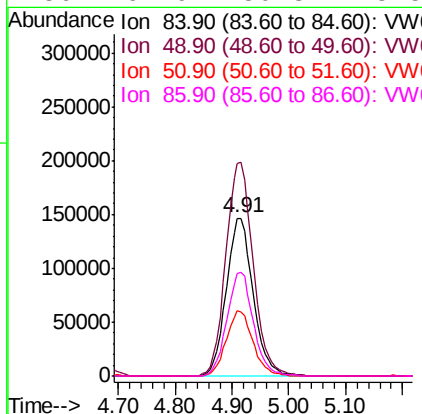
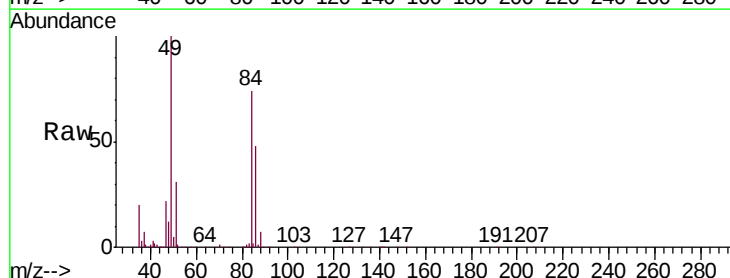
Tgt Ion: 73 Resp: 1241468
 Ion Ratio Lower Upper
 73 100
 57 22.1 17.0 25.6

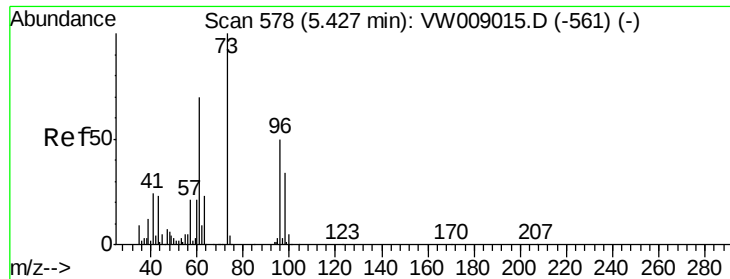


#20

Methylene Chloride
 Concen: 129.062 ug/l
 RT: 4.91 min Scan# 493
 Delta R.T. -0.01 min
 Lab File: VW009017.D
 Acq: 06 Mar 2019 12:59

Tgt Ion: 84 Resp: 482325
 Ion Ratio Lower Upper
 84 100
 49 134.7 102.8 154.2
 51 41.4 32.4 48.6
 86 64.9 50.3 75.5





#21

trans-1,2-Dichloroethene

Concen: 167.360 ug/l

RT: 5.42 min Scan# 577

Delta R.T. -0.01 min

Lab File: VW009017.D

Acq: 06 Mar 2019 12:59

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

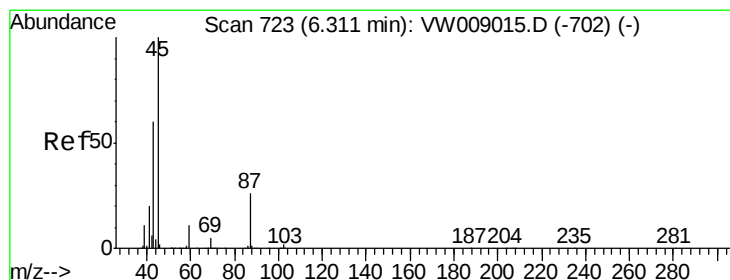
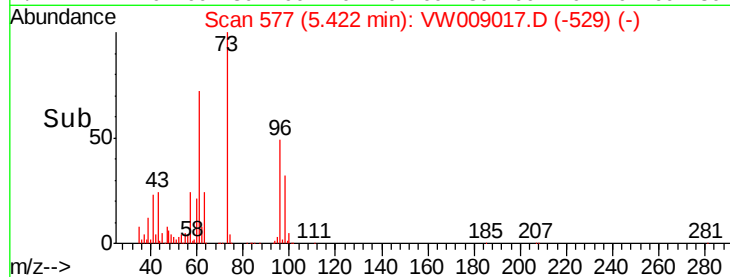
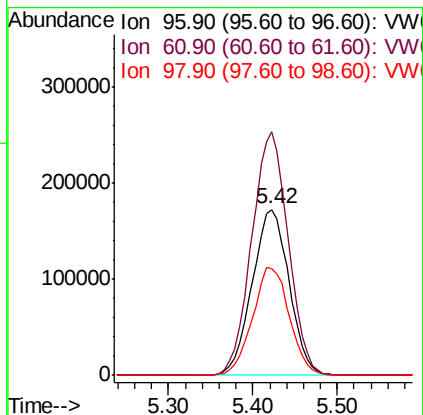
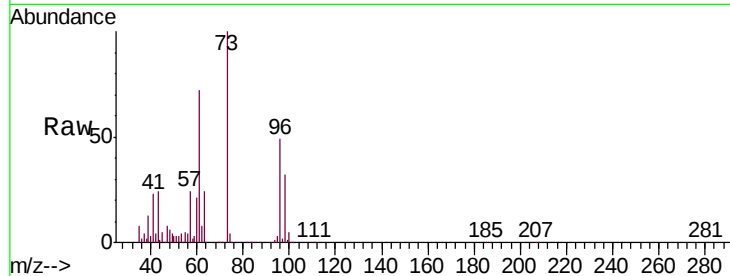
Tgt Ion: 96 Resp: 518208

Ion Ratio Lower Upper

96 100

61 146.6 113.2 169.8

98 64.4 55.7 83.5



#22

Diisopropyl ether

Concen: 179.712 ug/l

RT: 6.31 min Scan# 723

Delta R.T. 0.00 min

Lab File: VW009017.D

Acq: 06 Mar 2019 12:59

Tgt Ion: 45 Resp: 1679441

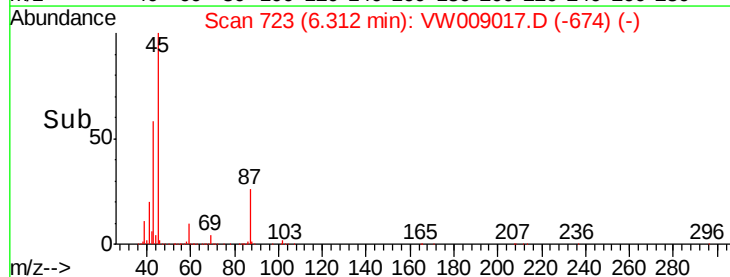
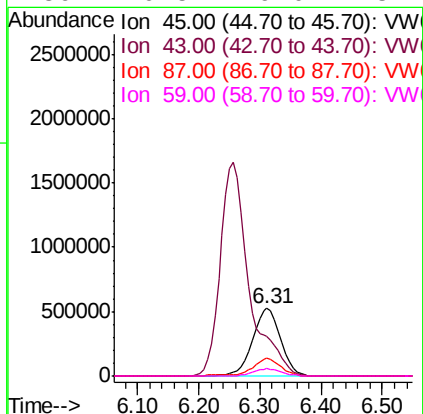
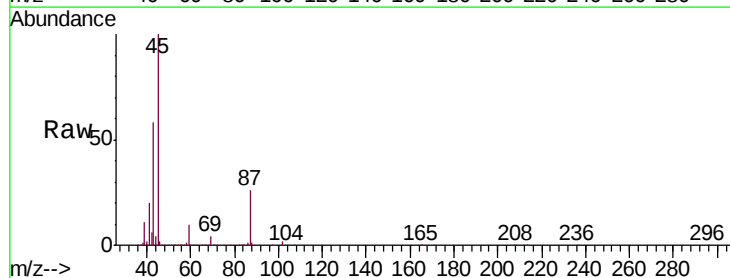
Ion Ratio Lower Upper

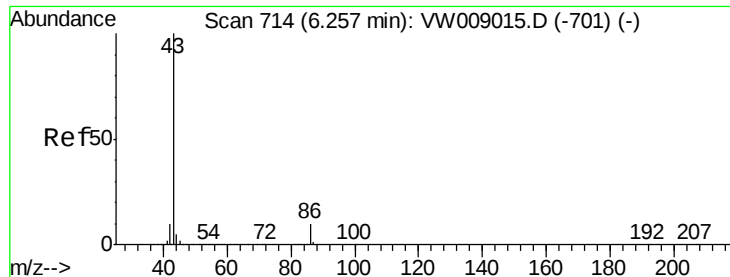
45 100

43 58.3 48.1 72.1

87 25.6 20.9 31.3

59 10.5 9.0 13.4





#23

Vinyl Acetate

Concen: 932.246 ug/l

RT: 6.26 min Scan# 714

Delta R.T. 0.00 min

Lab File: VW009017.D

Acq: 06 Mar 2019 12:59

Instrument :

MSVOA_W

ClientSampleId :

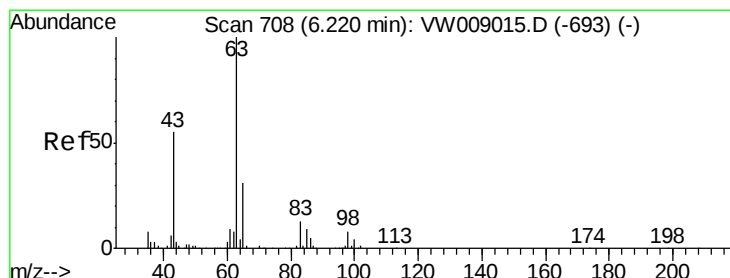
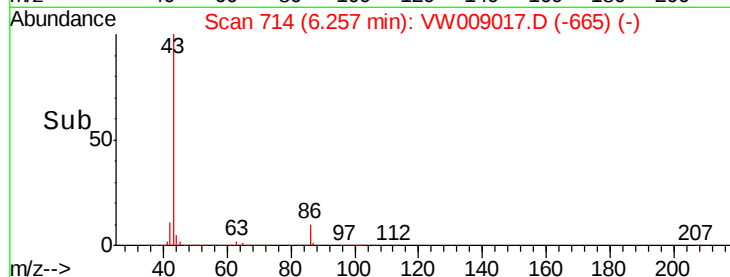
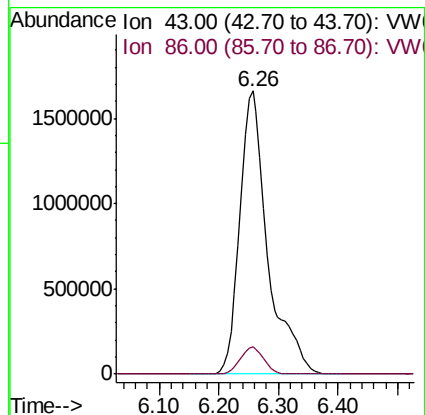
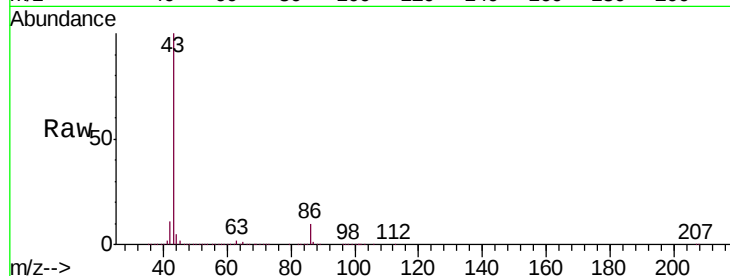
VSTDIC150

Tgt Ion: 43 Resp: 5426061

Ion Ratio Lower Upper

43 100

86 9.5 8.0 12.0



#24

1,1-Dichloroethane

Concen: 173.765 ug/l

RT: 6.21 min Scan# 707

Delta R.T. -0.01 min

Lab File: VW009017.D

Acq: 06 Mar 2019 12:59

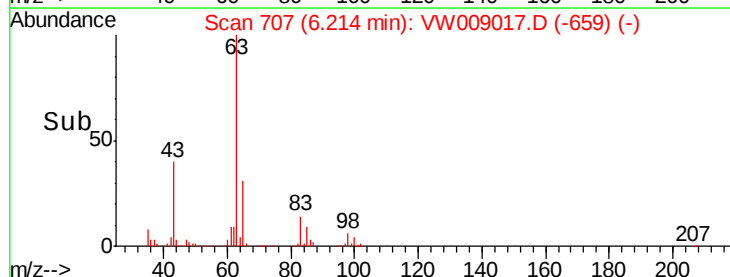
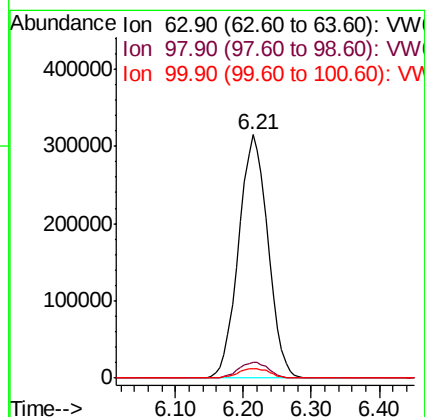
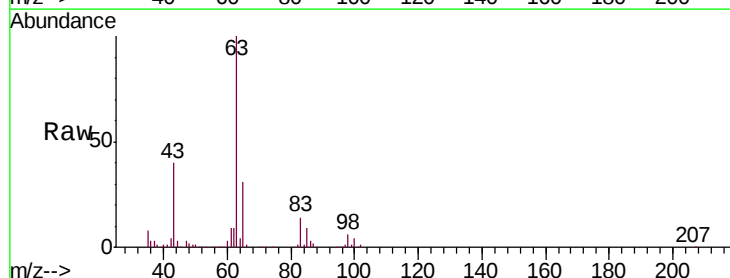
Tgt Ion: 63 Resp: 944200

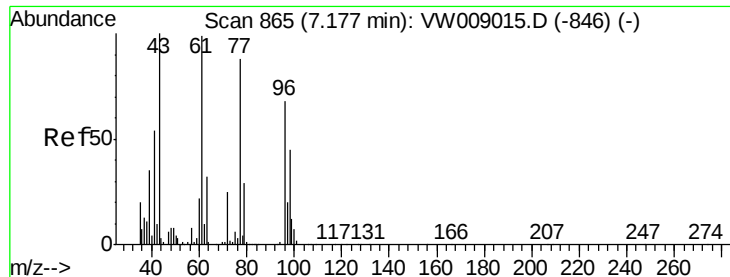
Ion Ratio Lower Upper

63 100

98 6.4 4.0 12.2

100 4.1 2.0 5.8

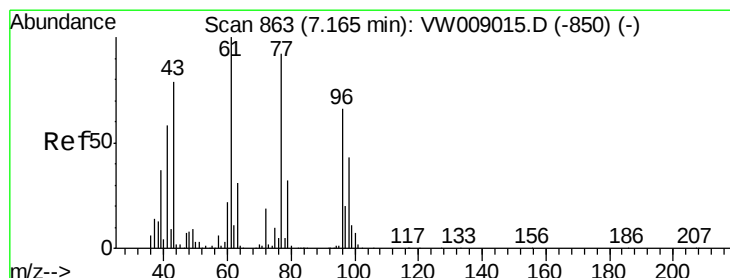
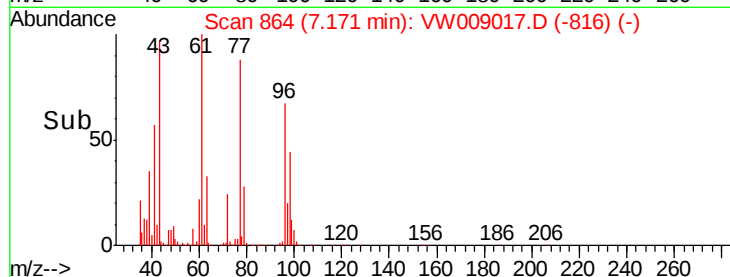
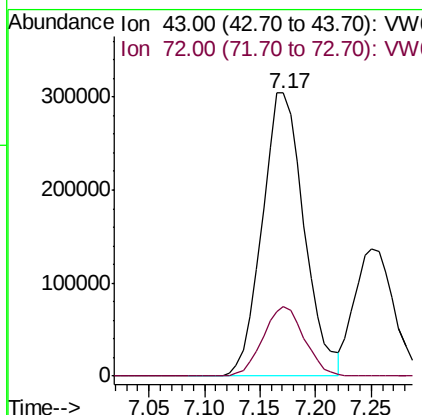
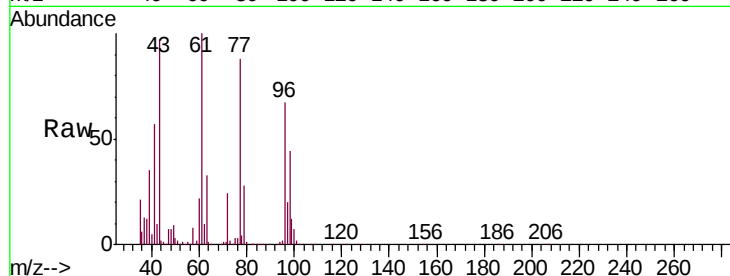




#25
2-Butanone
Concen: 879.128 ug/l
RT: 7.17 min Scan# 864
Delta R.T. -0.01 min
Lab File: VW009017.D
Acq: 06 Mar 2019 12:59

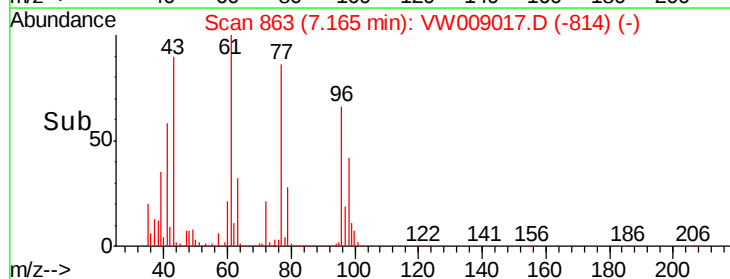
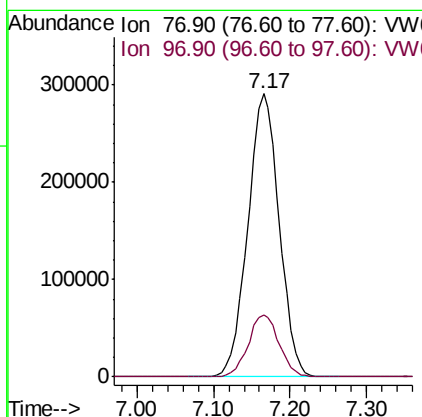
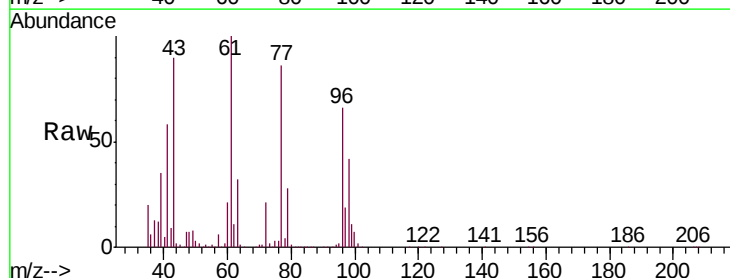
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

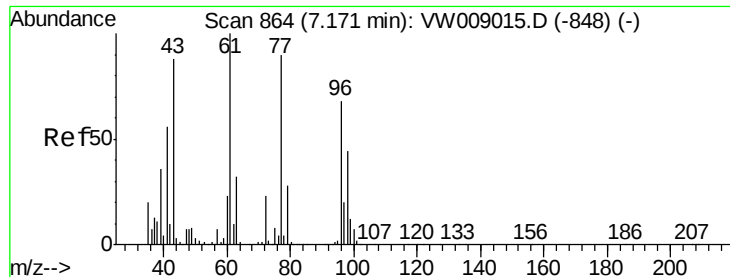
Tgt Ion: 43 Resp: 798741
Ion Ratio Lower Upper
43 100
72 24.4 20.2 30.2



#26
2,2-Dichloropropane
Concen: 166.679 ug/l
RT: 7.17 min Scan# 863
Delta R.T. 0.00 min
Lab File: VW009017.D
Acq: 06 Mar 2019 12:59

Tgt Ion: 77 Resp: 828481
Ion Ratio Lower Upper
77 100
97 21.6 10.7 32.1



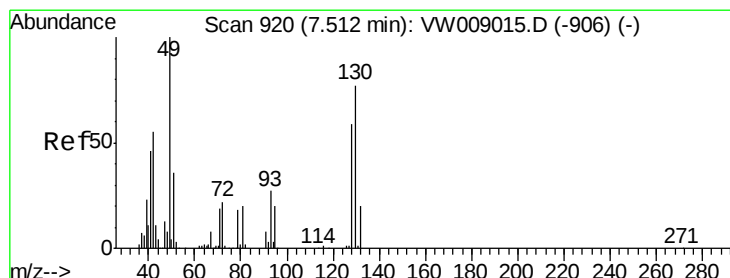
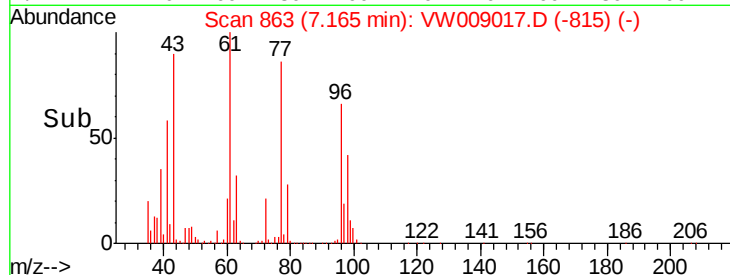
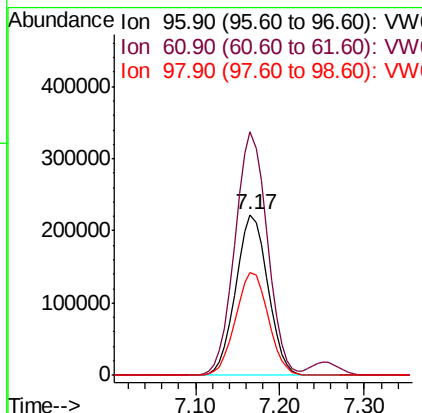
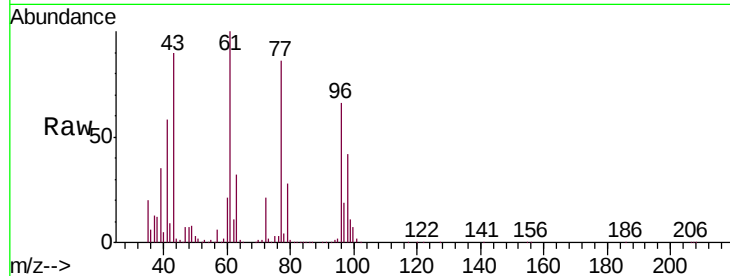


#27

cis-1,2-Dichloroethene
Concen: 175.646 ug/l
RT: 7.17 min Scan# 863
Delta R.T. -0.01 min
Lab File: VW009017.D
Acq: 06 Mar 2019 12:59

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

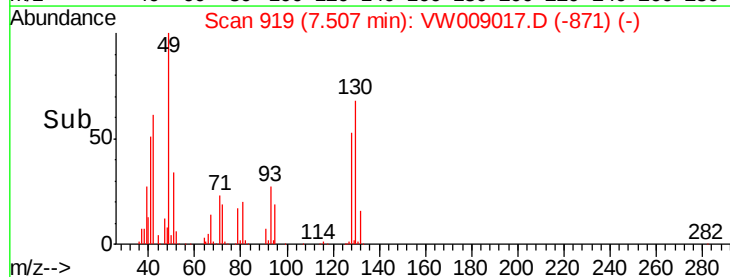
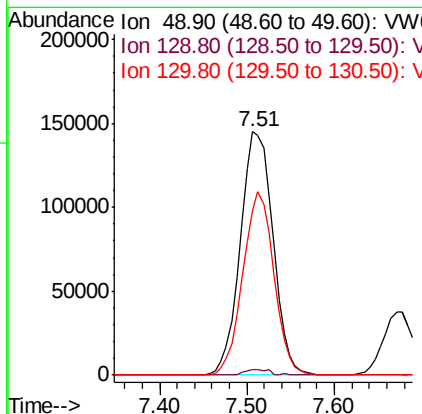
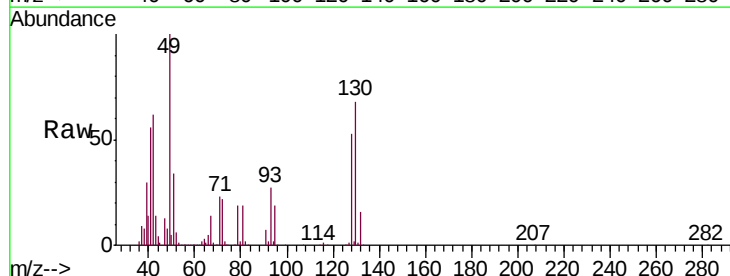
Tgt Ion: 96 Resp: 572546
Ion Ratio Lower Upper
96 100
61 152.8 0.0 303.6
98 65.0 0.0 129.0

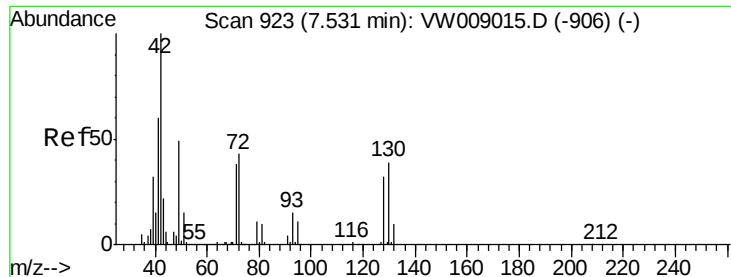


#28

Bromochloromethane
Concen: 160.436 ug/l
RT: 7.51 min Scan# 919
Delta R.T. -0.01 min
Lab File: VW009017.D
Acq: 06 Mar 2019 12:59

Tgt Ion: 49 Resp: 378428
Ion Ratio Lower Upper
49 100
129 1.8 0.0 3.2
130 71.6 59.9 89.9





#29

Tetrahydrofuran

Concen: 918.921 ug/l

RT: 7.52 min Scan# 922

Delta R.T. -0.01 min

Lab File: VW009017.D

Acq: 06 Mar 2019 12:59

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

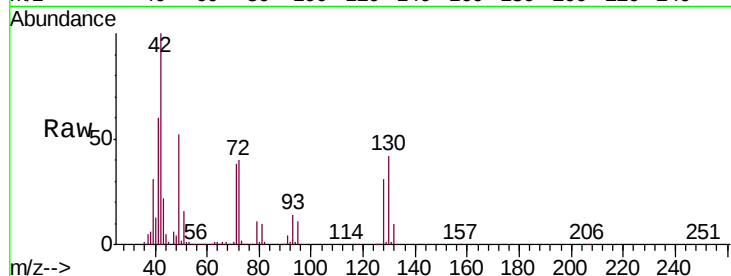
Tgt Ion: 42 Resp: 524513

Ion Ratio Lower Upper

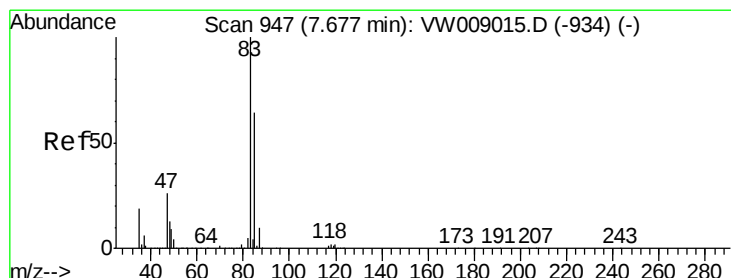
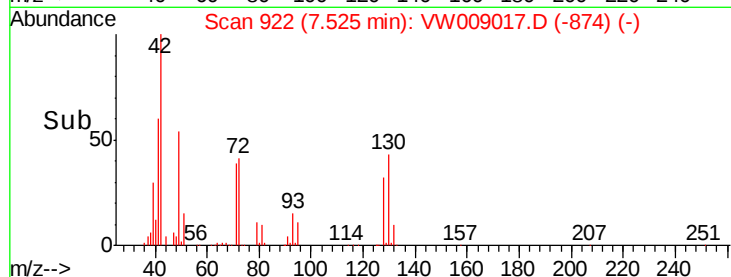
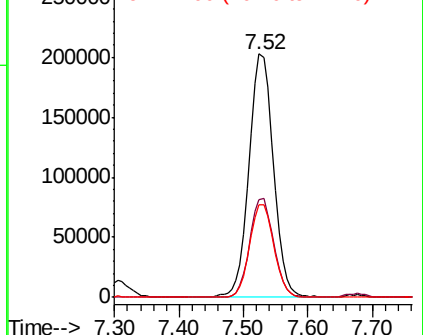
42 100

72 39.8 32.5 48.7

71 37.8 31.6 47.4



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: 174.381 ug/l

RT: 7.67 min Scan# 946

Delta R.T. -0.01 min

Lab File: VW009017.D

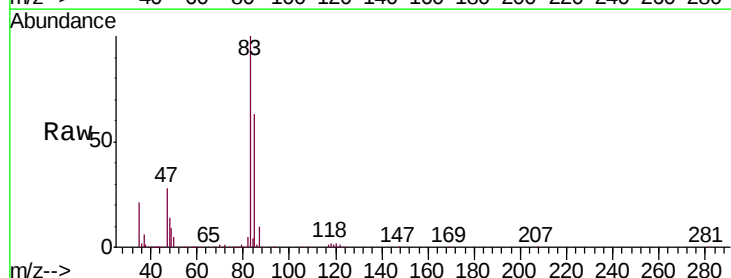
Acq: 06 Mar 2019 12:59

Tgt Ion: 83 Resp: 970150

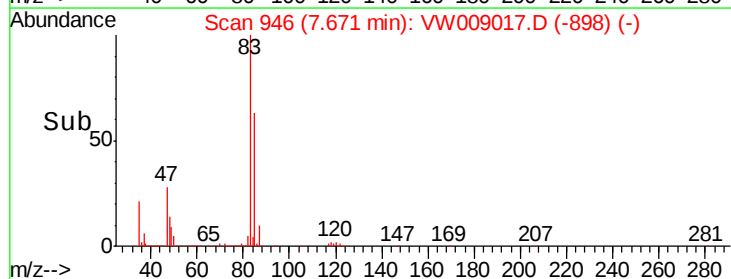
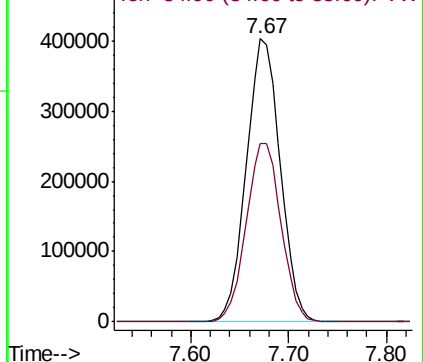
Ion Ratio Lower Upper

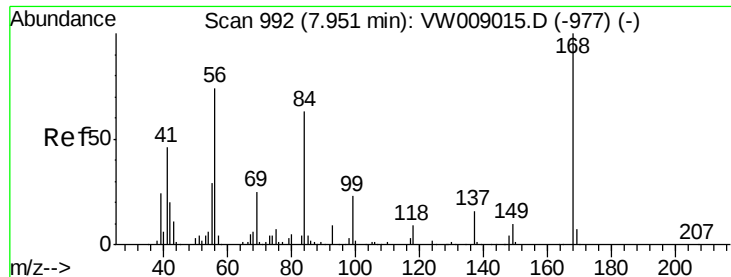
83 100

85 63.2 51.4 77.0



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

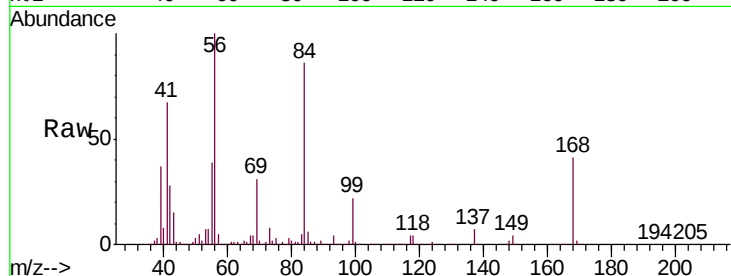




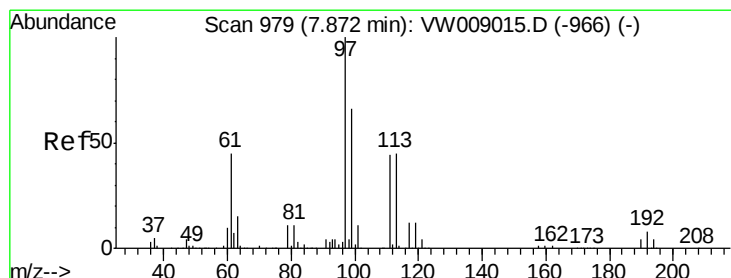
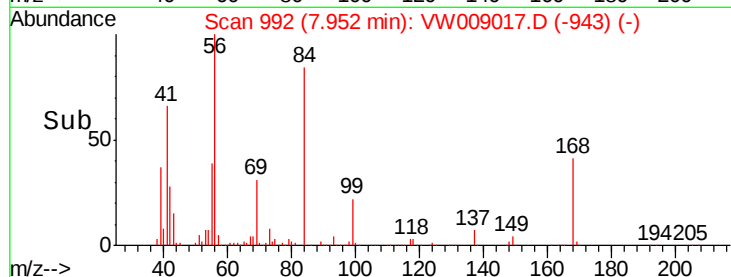
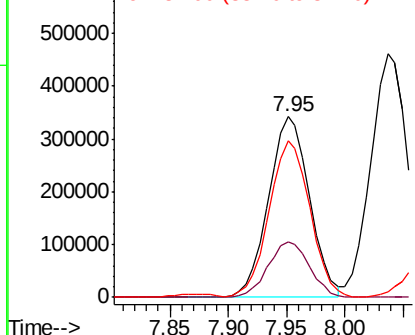
#31
Cyclohexane
Concen: 149.093 ug/l
RT: 7.95 min Scan# 992
Delta R.T. 0.00 min
Lab File: VW009017.D
Acq: 06 Mar 2019 12:59

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

Tgt Ion: 56 Resp: 833115
Ion Ratio Lower Upper
56 100
69 31.0 27.0 40.4
84 84.6 68.3 102.5

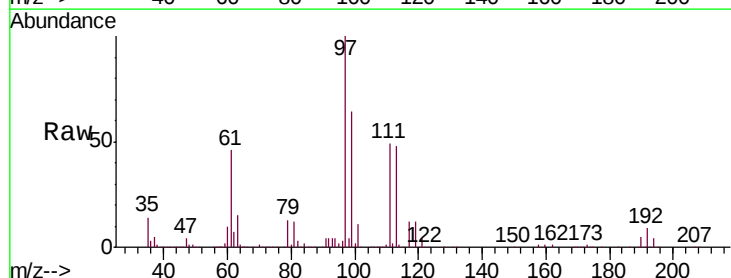


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

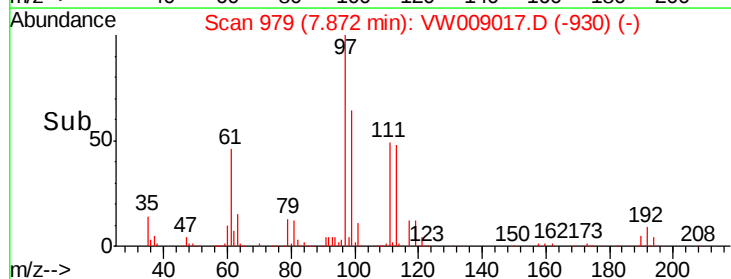
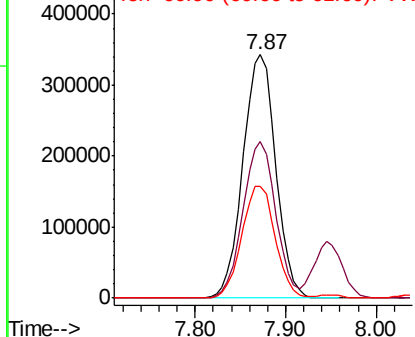


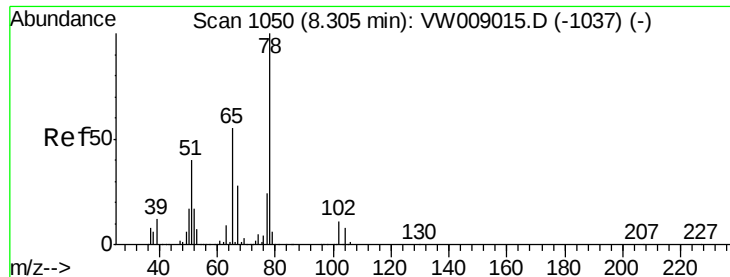
#32
1,1,1-Trichloroethane
Concen: 167.935 ug/l
RT: 7.87 min Scan# 979
Delta R.T. 0.00 min
Lab File: VW009017.D
Acq: 06 Mar 2019 12:59

Tgt Ion: 97 Resp: 858149
Ion Ratio Lower Upper
97 100
99 64.5 51.4 77.0
61 46.9 37.4 56.0



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

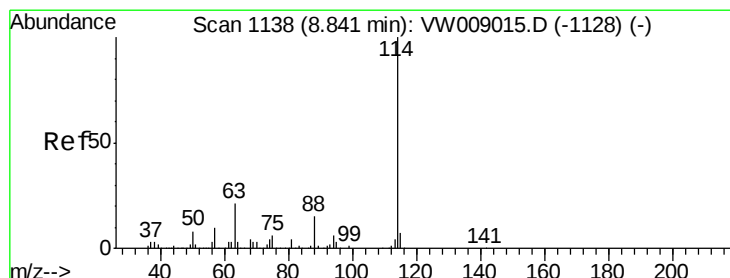
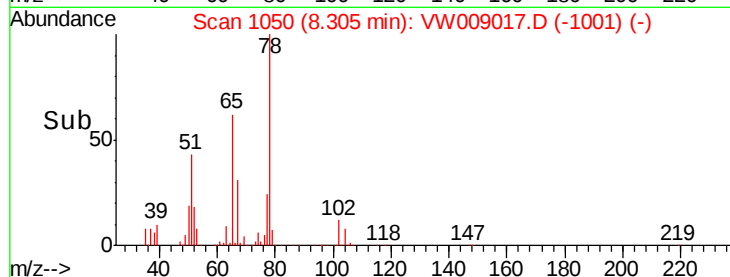
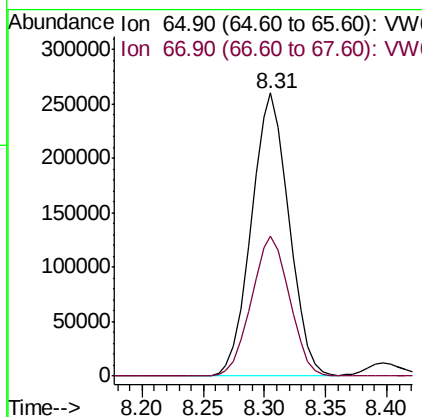
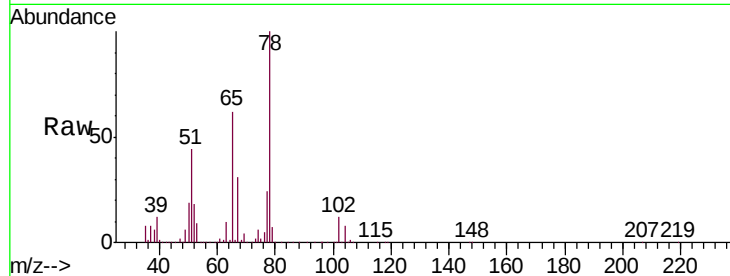




#33
 1,2-Dichloroethane-d4
 Concen: 179.125 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VW009017.D
 Acq: 06 Mar 2019 12:59

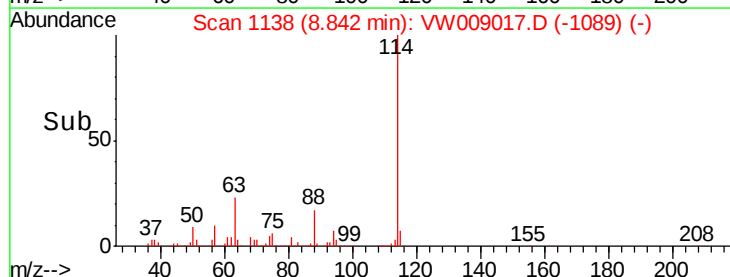
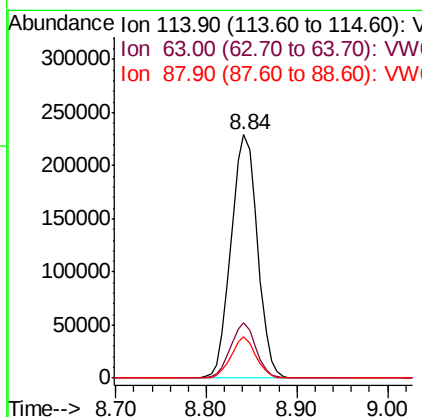
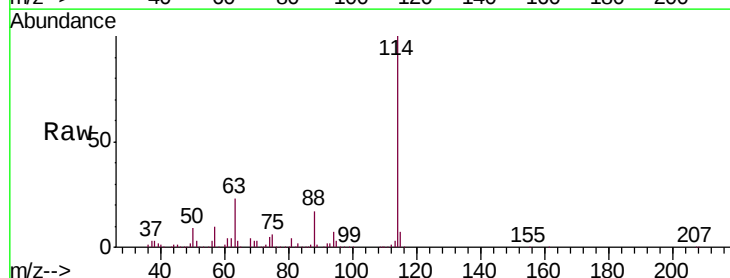
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

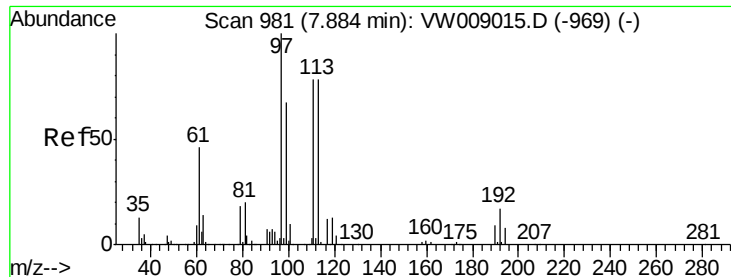
Tgt Ion: 65 Resp: 556991
 Ion Ratio Lower Upper
 65 100
 67 50.1 0.0 102.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW009017.D
 Acq: 06 Mar 2019 12:59

Tgt Ion: 114 Resp: 462710
 Ion Ratio Lower Upper
 114 100
 63 22.9 0.0 42.4
 88 16.9 0.0 30.8





#35

Dibromofluoromethane

Concen: 175.947 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.00 min

Lab File: VW009017.D

Acq: 06 Mar 2019 12:59

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

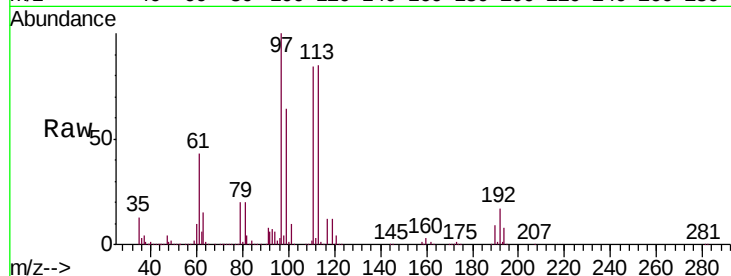
Tgt Ion:113 Resp: 490091

Ion Ratio Lower Upper

113 100

111 101.7 80.5 120.7

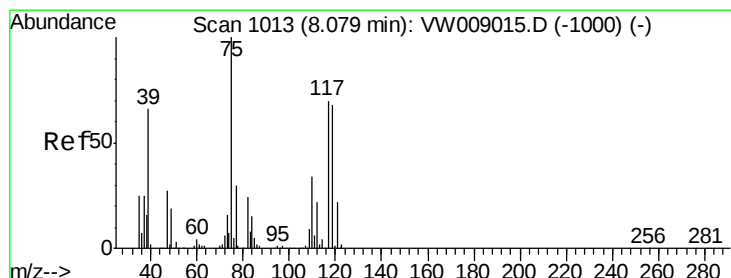
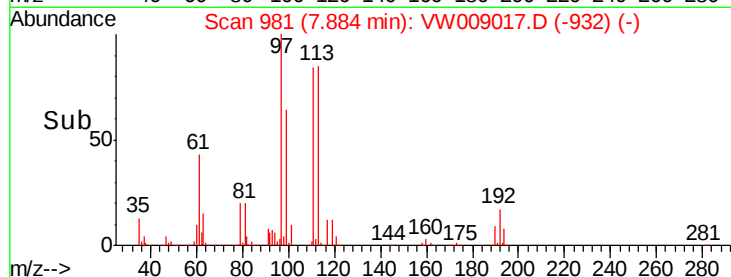
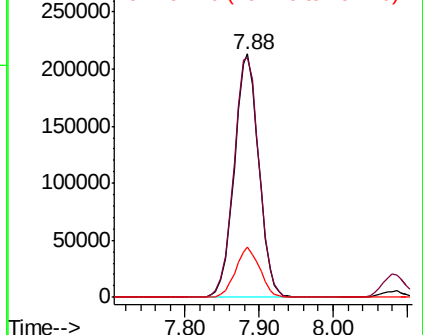
192 20.6 16.7 25.1



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: 154.770 ug/l

RT: 8.08 min Scan# 1013

Delta R.T. 0.00 min

Lab File: VW009017.D

Acq: 06 Mar 2019 12:59

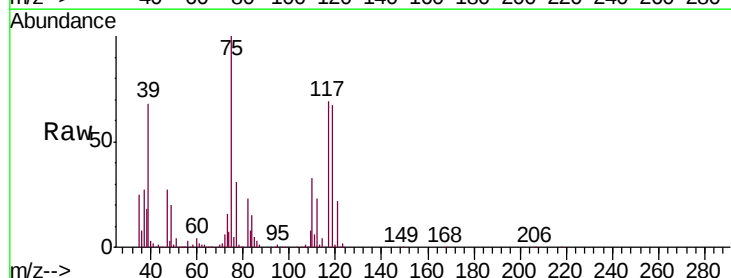
Tgt Ion: 75 Resp: 712074

Ion Ratio Lower Upper

75 100

110 34.6 17.3 51.9

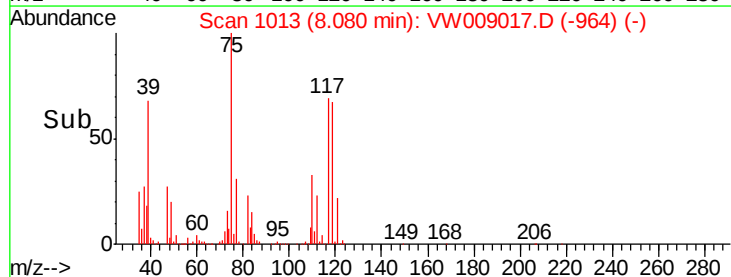
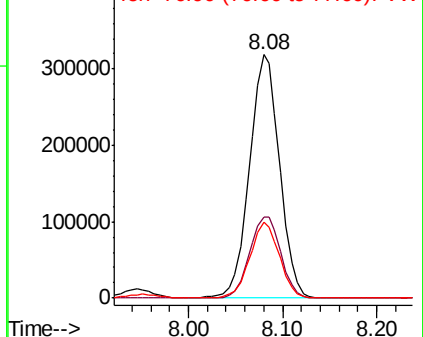
77 30.8 24.8 37.2

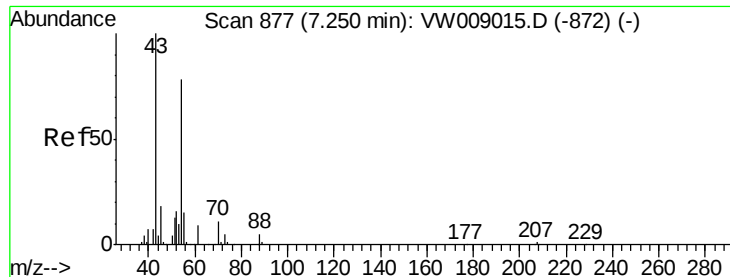


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW

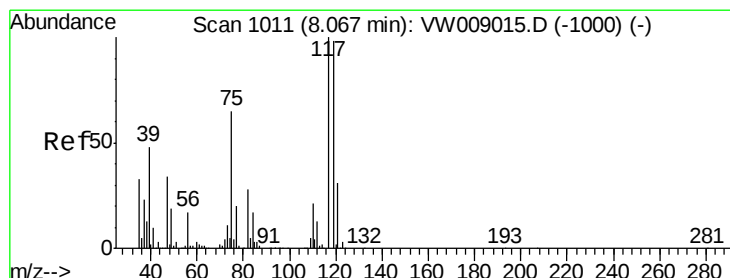
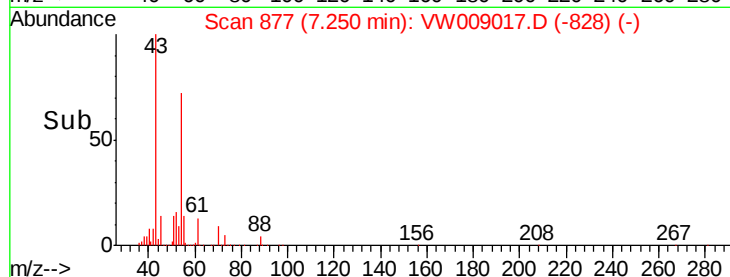
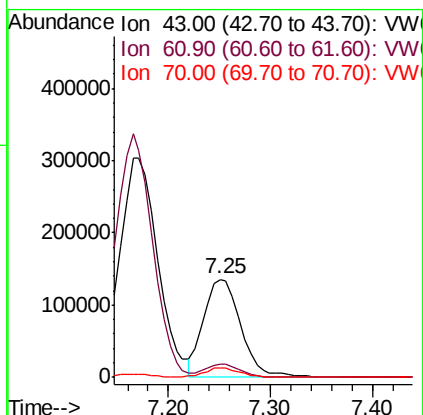
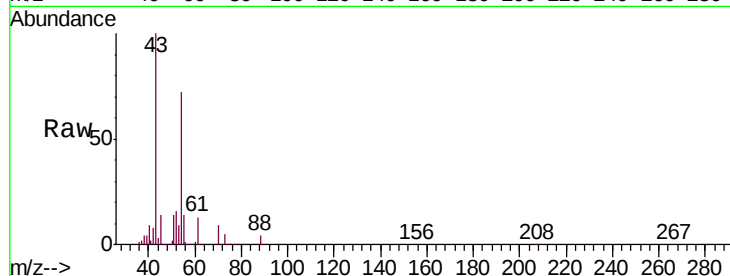




#37
Ethyl Acetate
Concen: 167.912 ug/l
RT: 7.25 min Scan# 877
Delta R.T. 0.00 min
Lab File: VW009017.D
Acq: 06 Mar 2019 12:59

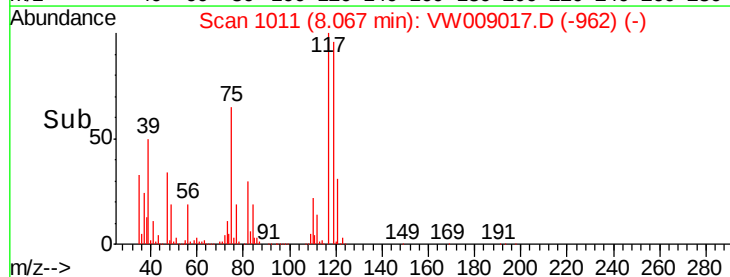
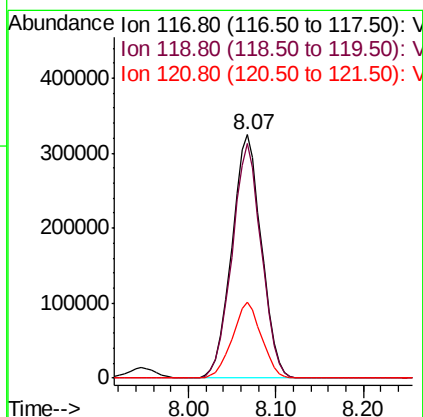
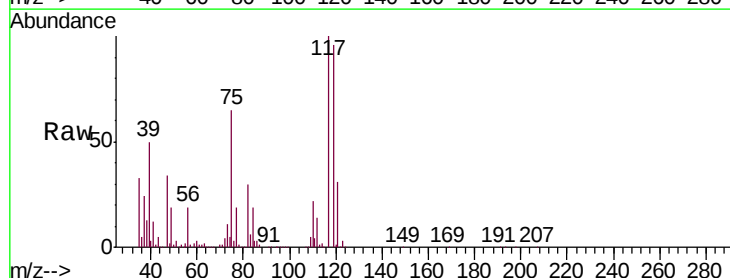
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

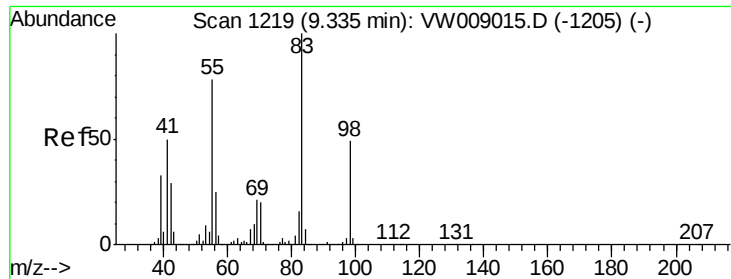
Tgt Ion: 43 Resp: 341706
Ion Ratio Lower Upper
43 100
61 12.7 10.6 15.8
70 9.2 7.8 11.8



#38
Carbon Tetrachloride
Concen: 160.388 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. 0.00 min
Lab File: VW009017.D
Acq: 06 Mar 2019 12:59

Tgt Ion: 117 Resp: 763638
Ion Ratio Lower Upper
117 100
119 96.1 78.4 117.6
121 31.1 24.7 37.1

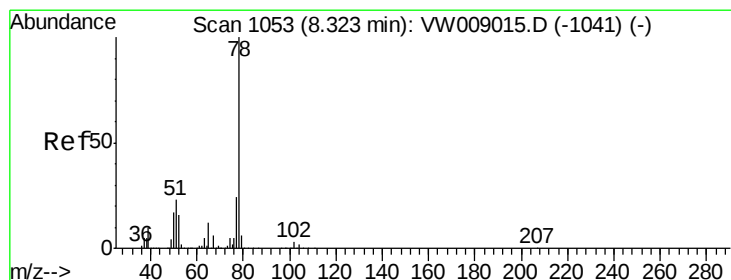
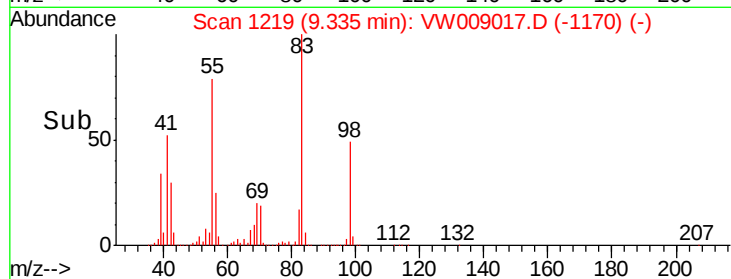
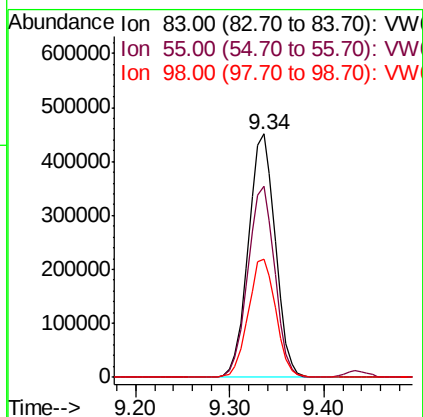
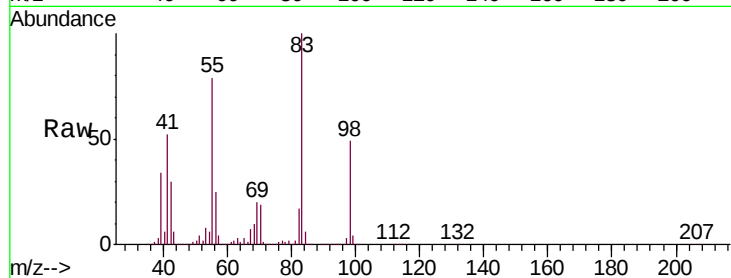




#39
Methylcyclohexane
Concen: 161.723 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. 0.00 min
Lab File: VW009017.D
Acq: 06 Mar 2019 12:59

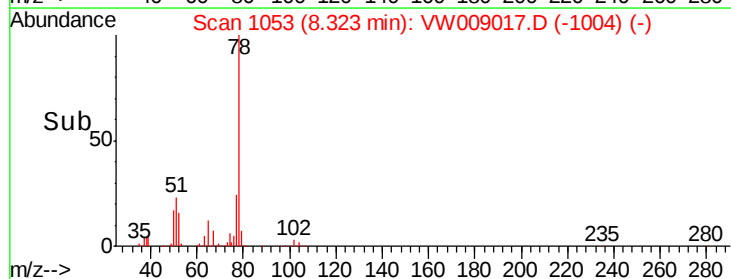
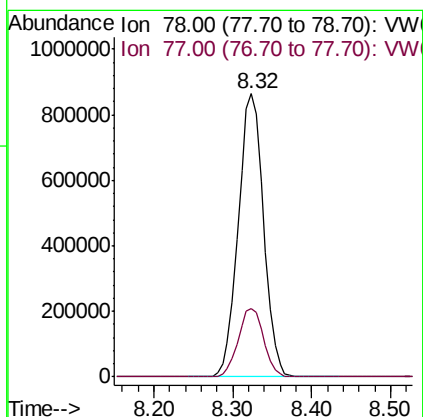
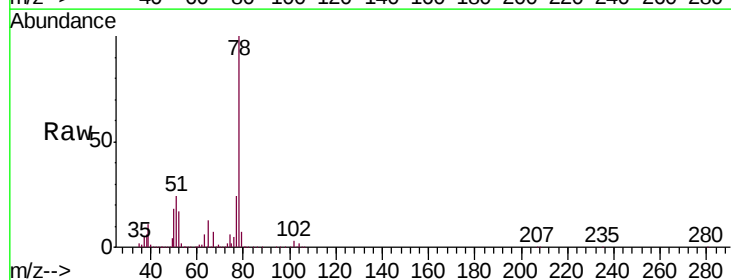
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

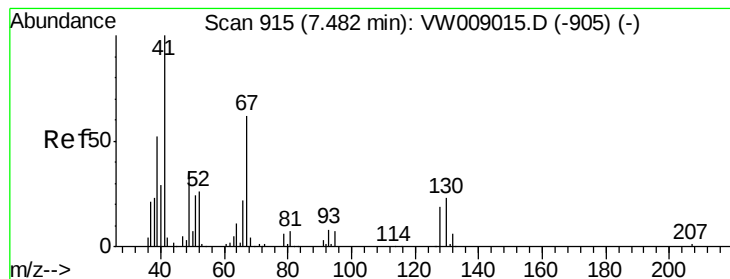
Tgt Ion: 83 Resp: 898860
Ion Ratio Lower Upper
83 100
55 78.6 62.6 93.8
98 48.6 39.4 59.2



#40
Benzene
Concen: 154.858 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. 0.00 min
Lab File: VW009017.D
Acq: 06 Mar 2019 12:59

Tgt Ion: 78 Resp: 1921746
Ion Ratio Lower Upper
78 100
77 24.4 18.9 28.3





#41

Methacrylonitrile

Concen: 178.044 ug/l

RT: 7.48 min Scan# 915

Delta R.T. 0.00 min

Lab File: VW009017.D

Acq: 06 Mar 2019 12:59

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

Tgt Ion: 41 Resp: 214914

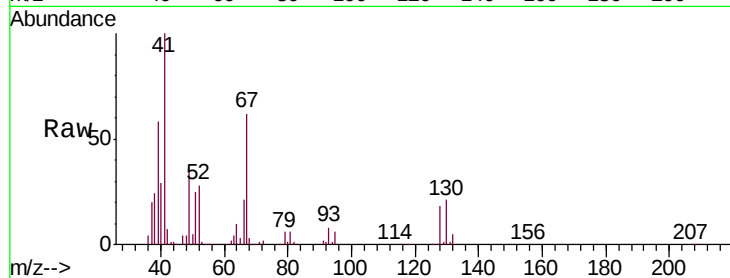
Ion Ratio Lower Upper

41 100

39 56.8 50.6 75.8

67 64.3 59.0 88.6

52 29.5 26.6 39.8

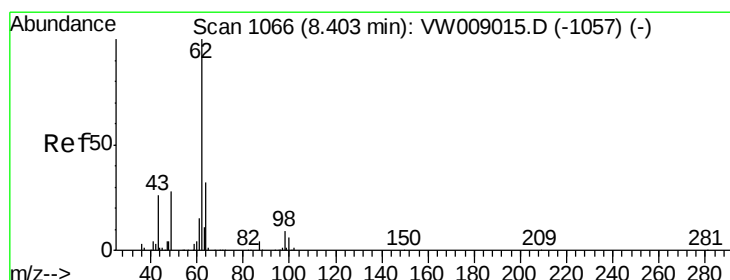
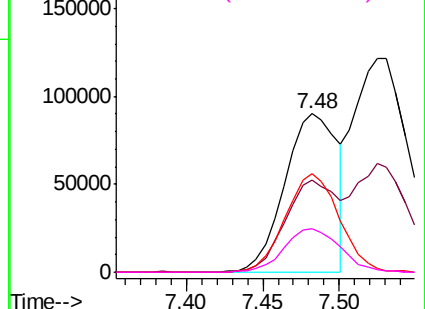
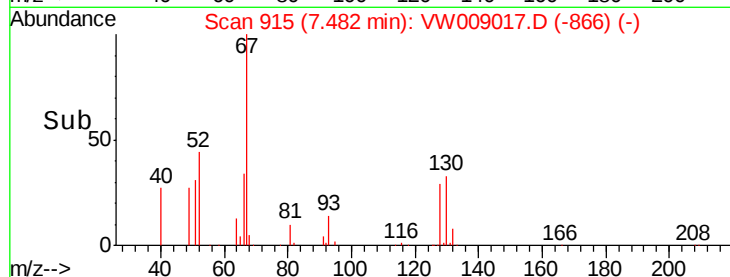


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

Ion 67.00 (66.70 to 67.70): VW

Ion 52.00 (51.70 to 52.70): VW



#42

1,2-Dichloroethane

Concen: 167.649 ug/l

RT: 8.40 min Scan# 1065

Delta R.T. -0.01 min

Lab File: VW009017.D

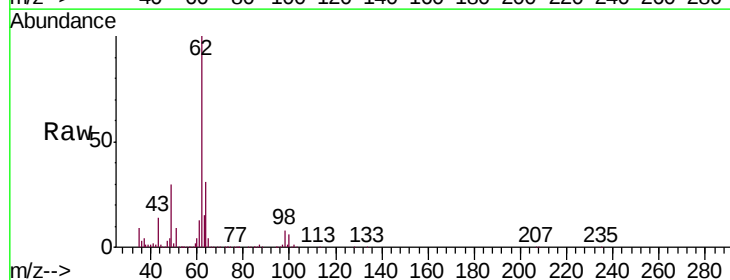
Acq: 06 Mar 2019 12:59

Tgt Ion: 62 Resp: 667742

Ion Ratio Lower Upper

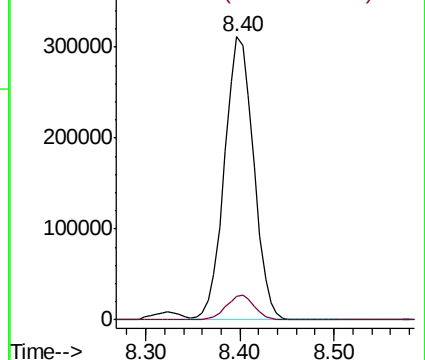
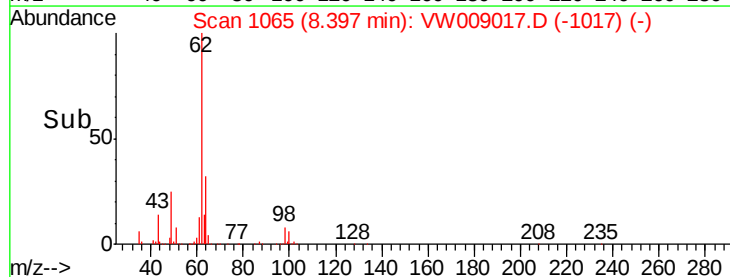
62 100

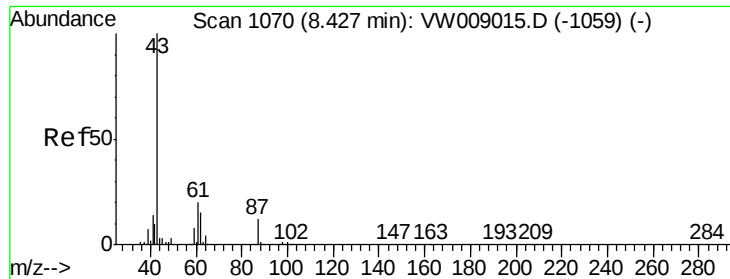
98 8.5 0.0 17.8



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 97.90 (97.60 to 98.60): VW





#43

Isopropyl Acetate

Concen: 174.487 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. -0.01 min

Lab File: VW009017.D

Acq: 06 Mar 2019 12:59

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

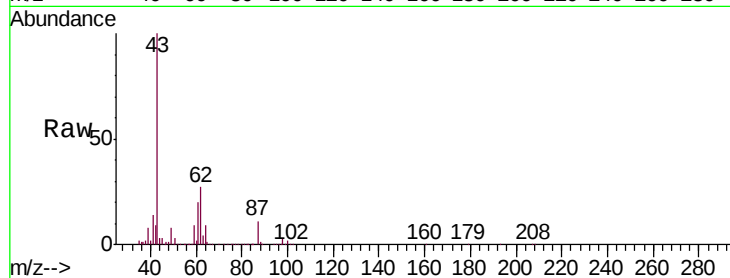
Tgt Ion: 43 Resp: 698027

Ion Ratio Lower Upper

43 100

61 27.8 23.5 35.3

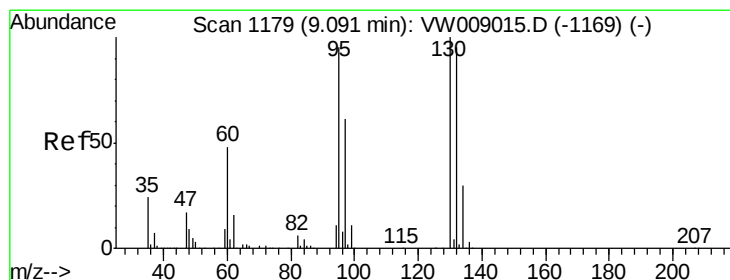
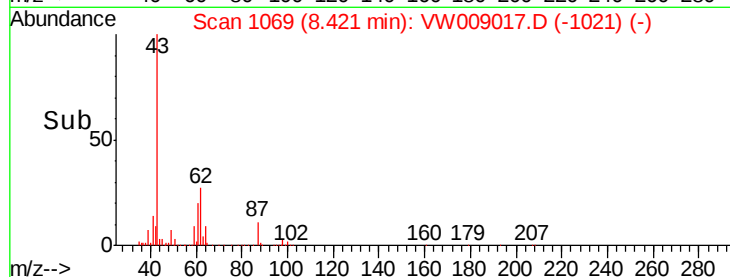
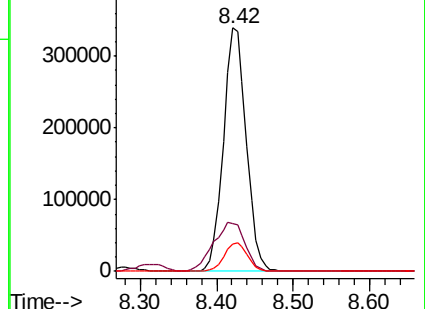
87 12.0 9.4 14.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 61.00 (60.70 to 61.70): VW

Ion 87.00 (86.70 to 87.70): VW



#44

Trichloroethene

Concen: 151.998 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. 0.00 min

Lab File: VW009017.D

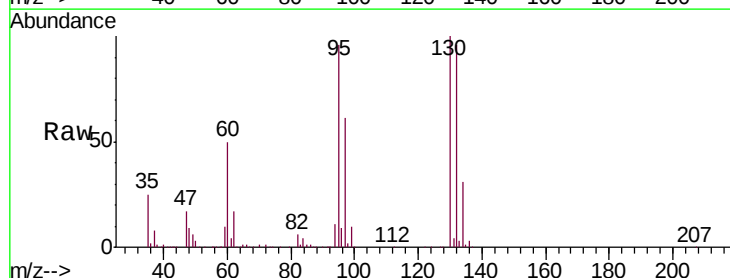
Acq: 06 Mar 2019 12:59

Tgt Ion: 130 Resp: 525950

Ion Ratio Lower Upper

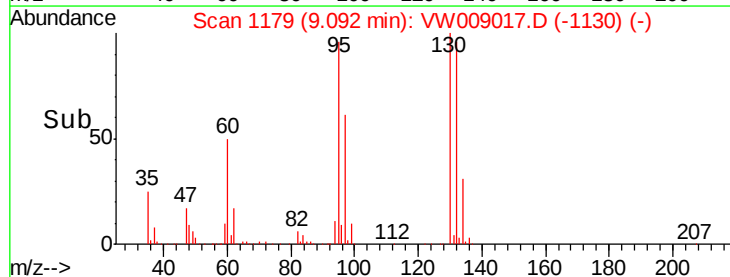
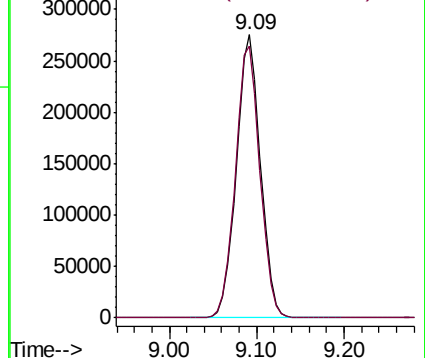
130 100

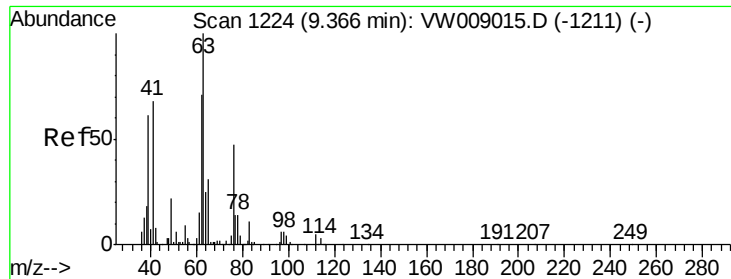
95 95.9 0.0 190.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VW

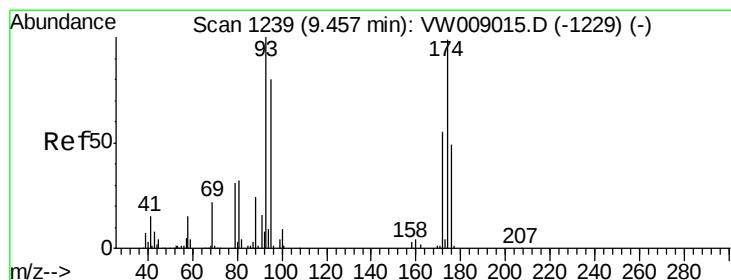
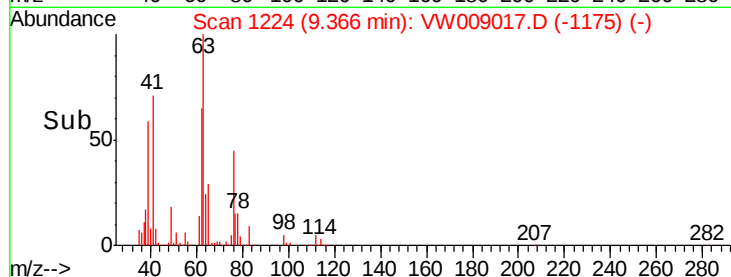
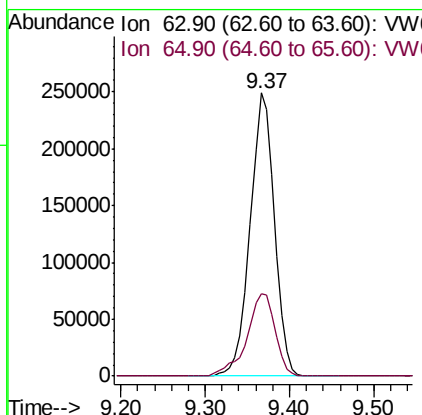
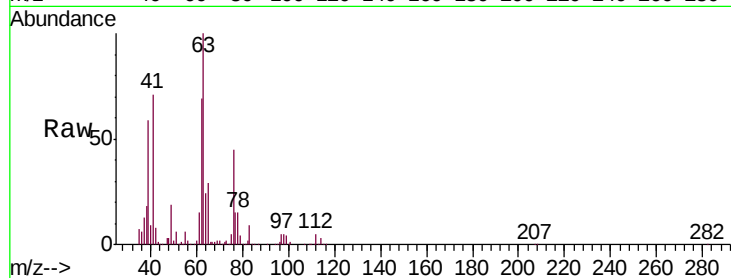




#45
 1,2-Dichloropropane
 Concen: 157.777 ug/l
 RT: 9.37 min Scan# 1224
 Delta R.T. 0.00 min
 Lab File: VW009017.D
 Acq: 06 Mar 2019 12:59

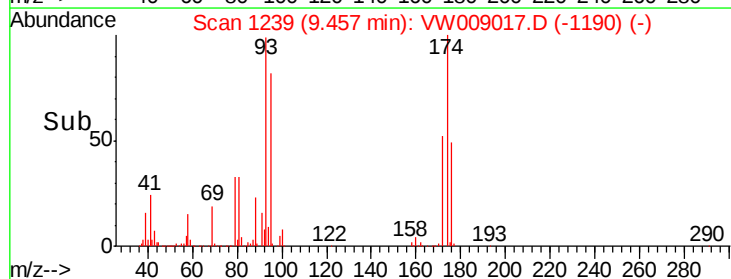
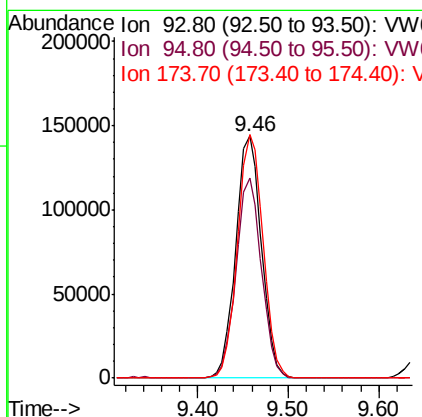
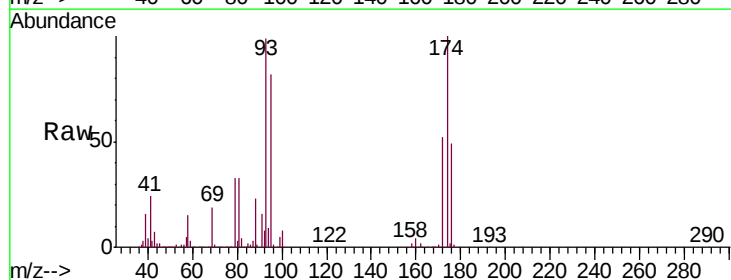
Instrument :
 MSVOA_W
 ClientSampled :
 VSTDIC150

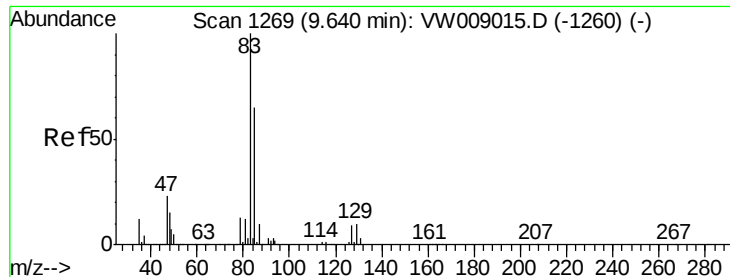
Tgt Ion: 63 Resp: 485399
 Ion Ratio Lower Upper
 63 100
 65 29.0 25.0 37.4



#46
 Dibromomethane
 Concen: 166.365 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. 0.00 min
 Lab File: VW009017.D
 Acq: 06 Mar 2019 12:59

Tgt Ion: 93 Resp: 282361
 Ion Ratio Lower Upper
 93 100
 95 81.7 64.1 96.1
 174 100.0 81.3 121.9





#47

Bromodichloromethane

Concen: 167.945 ug/l

RT: 9.64 min Scan# 1269

Delta R.T. 0.00 min

Lab File: VW009017.D

Acq: 06 Mar 2019 12:59

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

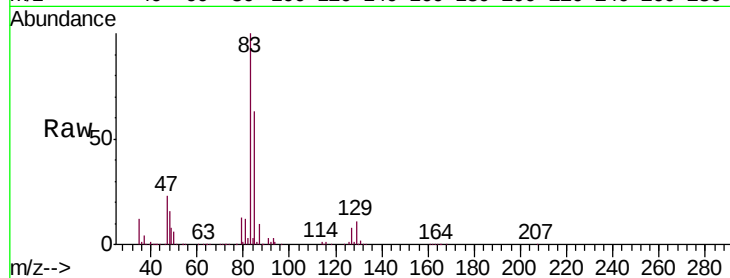
Tgt Ion: 83 Resp: 714571

Ion Ratio Lower Upper

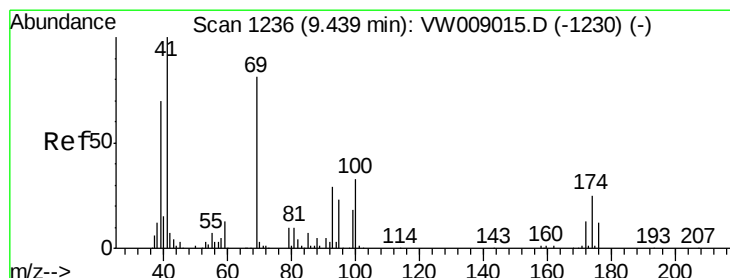
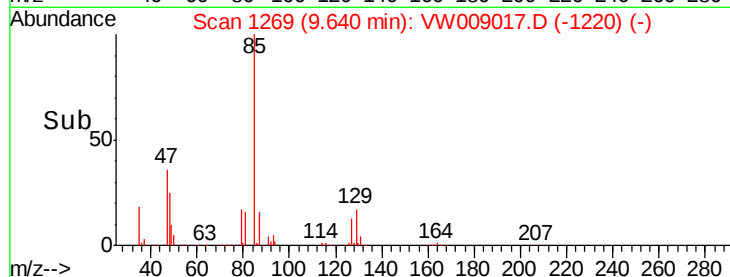
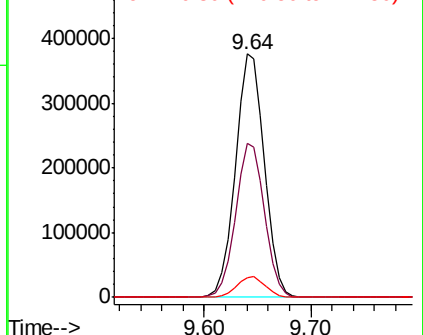
83 100

85 63.2 51.9 77.9

127 8.0 7.0 10.6



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: 175.343 ug/l

RT: 9.43 min Scan# 1235

Delta R.T. -0.01 min

Lab File: VW009017.D

Acq: 06 Mar 2019 12:59

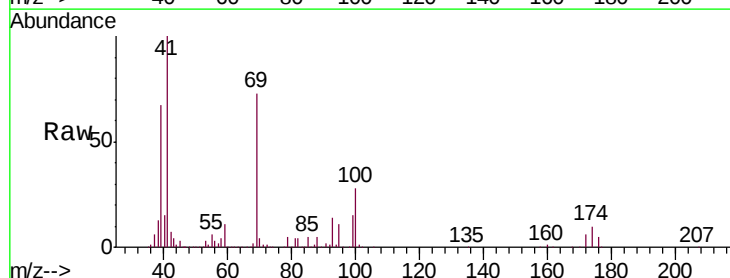
Tgt Ion: 41 Resp: 331455

Ion Ratio Lower Upper

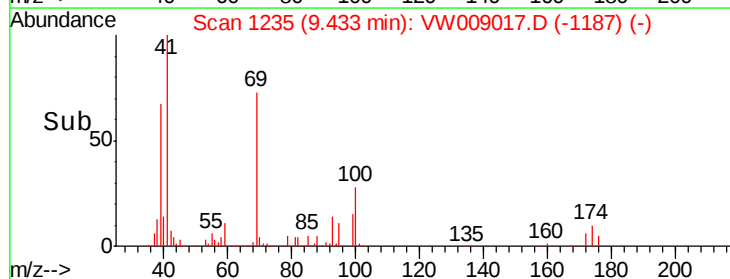
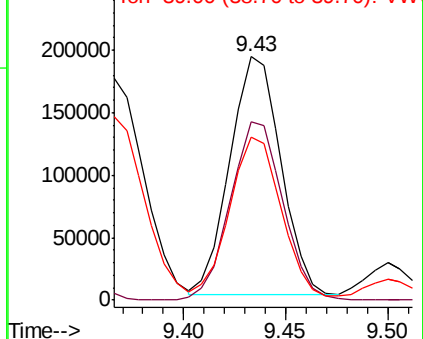
41 100

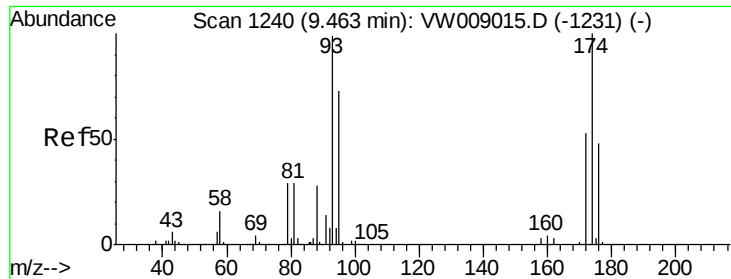
69 77.5 61.8 92.6

39 66.8 50.5 75.7



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

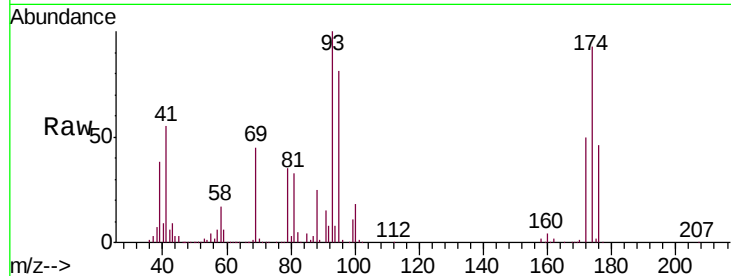




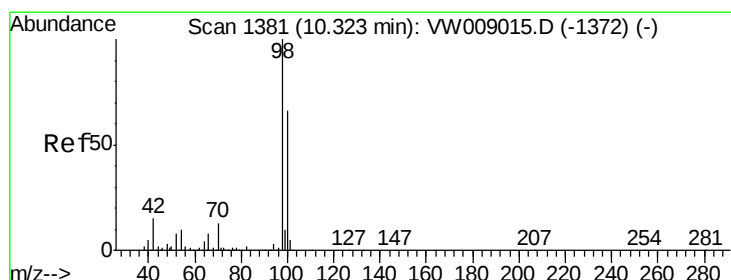
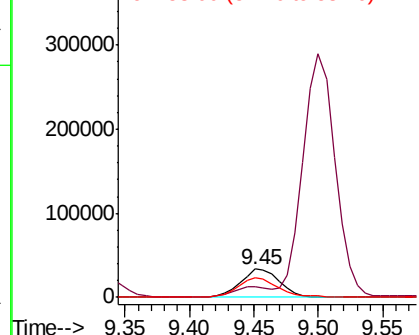
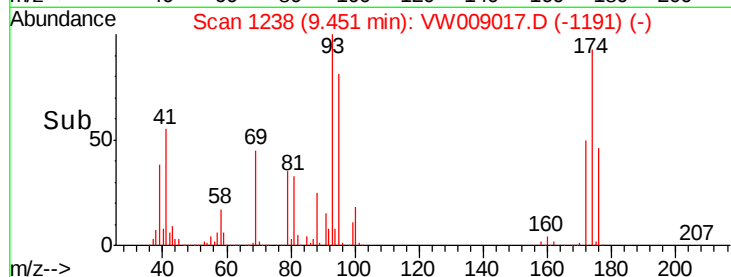
#49
1,4-Dioxane
Concen: 3020.840 ug/l
RT: 9.45 min Scan# 1238
Delta R.T. -0.01 min
Lab File: VW009017.D
Acq: 06 Mar 2019 12:59

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

Tgt Ion: 88 Resp: 70089
Ion Ratio Lower Upper
88 100
43 35.6 0.0 0.0#
58 72.1 55.0 82.6

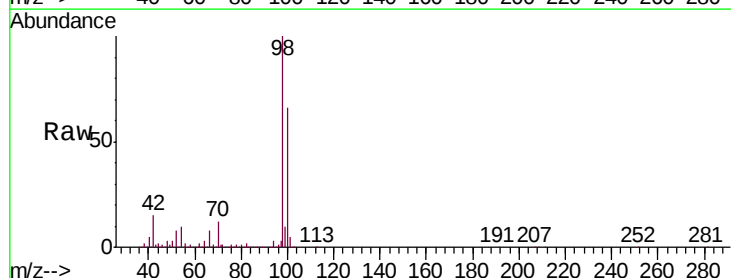


Abundance Ion 88.00 (87.70 to 88.70): VW
Ion 43.00 (42.70 to 43.70): VW
Ion 58.00 (57.70 to 58.70): VW

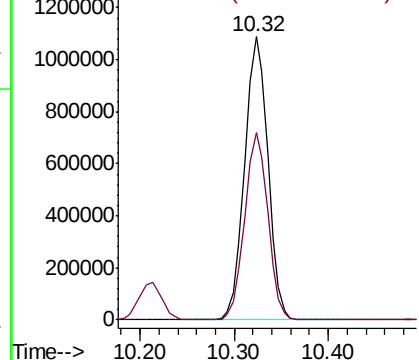
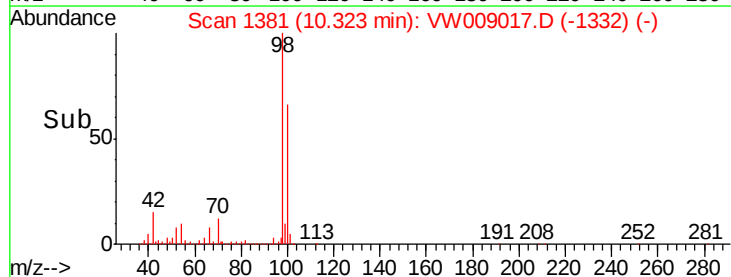


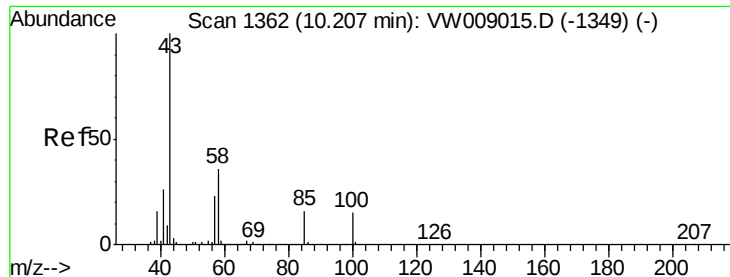
#50
Toluene-d8
Concen: 163.851 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW009017.D
Acq: 06 Mar 2019 12:59

Tgt Ion: 98 Resp: 1875564
Ion Ratio Lower Upper
98 100
100 65.9 52.9 79.3



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





#51

4-Methyl-2-Pentanone

Concen: 855.965 ug/l

RT: 10.21 min Scan# 1362

Delta R.T. 0.00 min

Lab File: VW009017.D

Acq: 06 Mar 2019 12:59

Instrument :

MSVOA_W

ClientSampled :

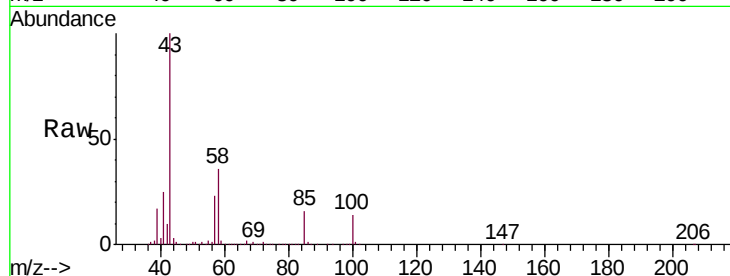
VSTDIC150

Tgt Ion: 43 Resp: 1731609

Ion Ratio Lower Upper

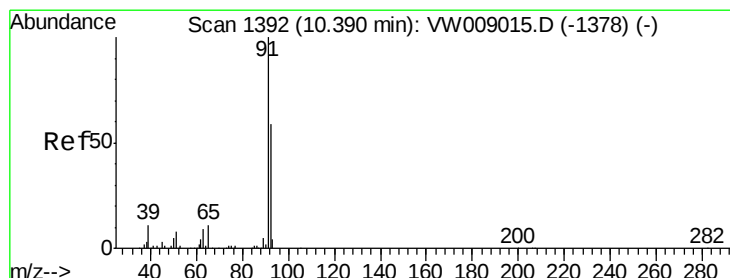
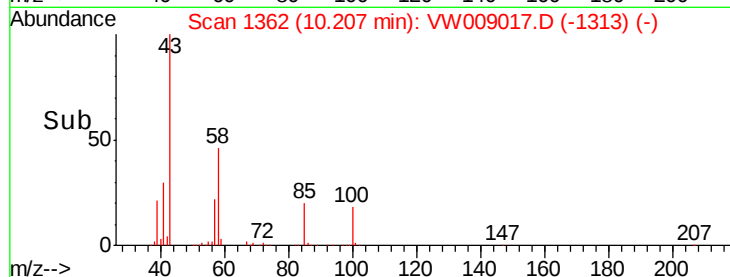
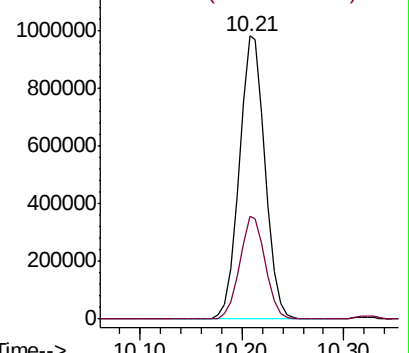
43 100

58 36.0 29.0 43.4



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#52

Toluene

Concen: 160.653 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VW009017.D

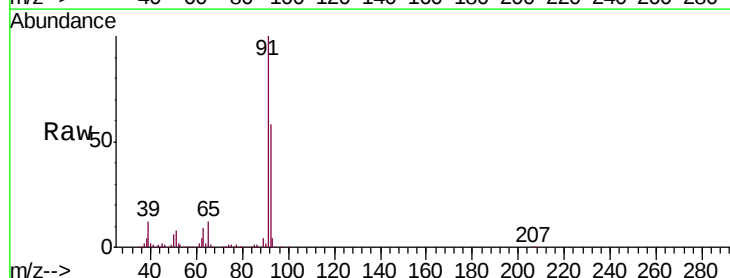
Acq: 06 Mar 2019 12:59

Tgt Ion: 92 Resp: 1345881

Ion Ratio Lower Upper

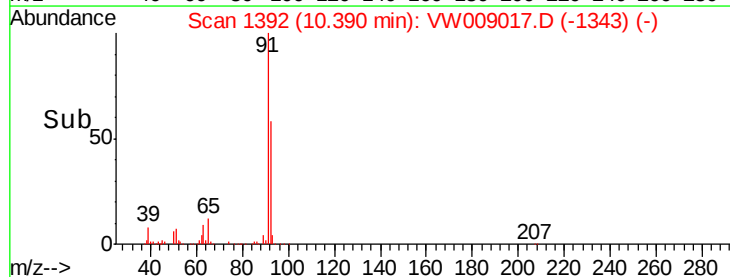
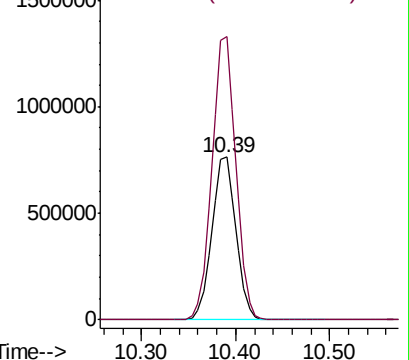
92 100

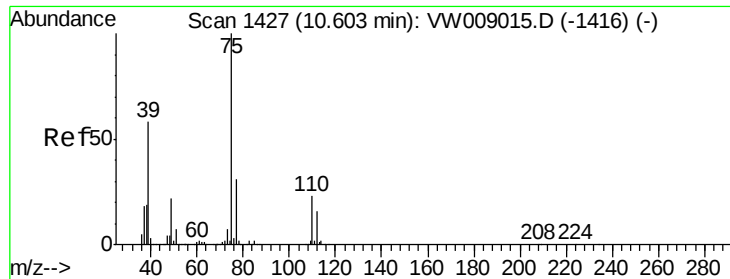
91 172.9 138.1 207.1



Abundance Ion 92.00 (91.70 to 92.70): VW

Ion 91.00 (90.70 to 91.70): VW





#53

t-1,3-Dichloropropene

Concen: 172.894 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. 0.00 min

Lab File: VW009017.D

Acq: 06 Mar 2019 12:59

Instrument :

MSVOA_W

ClientSampleId :

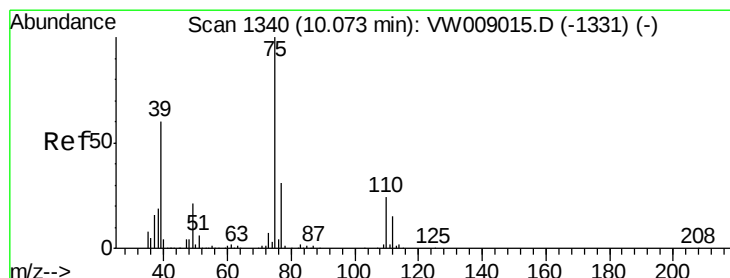
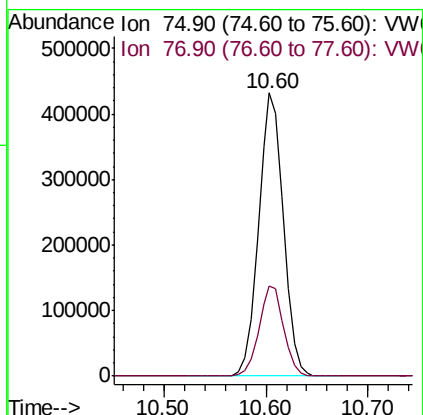
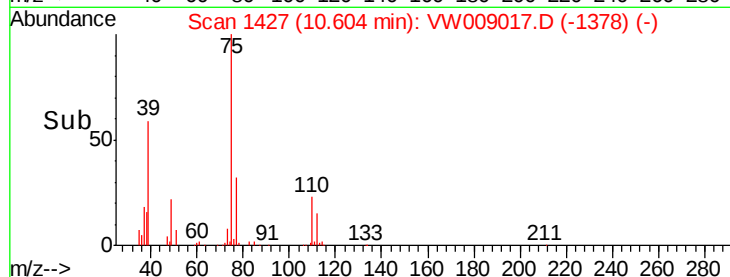
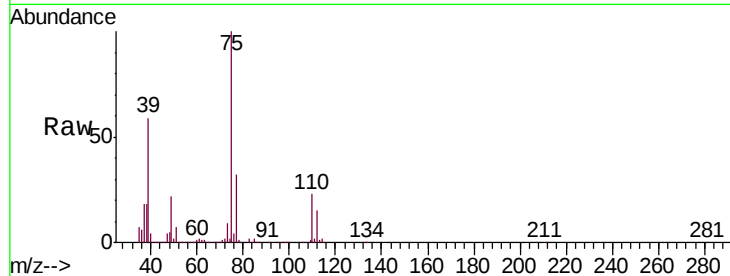
VSTDIC150

Tgt Ion: 75 Resp: 729719

Ion Ratio Lower Upper

75 100

77 31.7 24.8 37.2



#54

cis-1,3-Dichloropropene

Concen: 167.167 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. 0.00 min

Lab File: VW009017.D

Acq: 06 Mar 2019 12:59

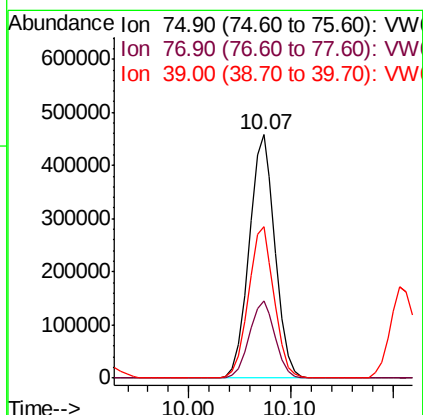
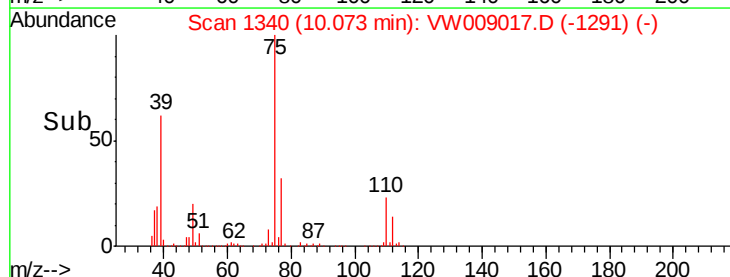
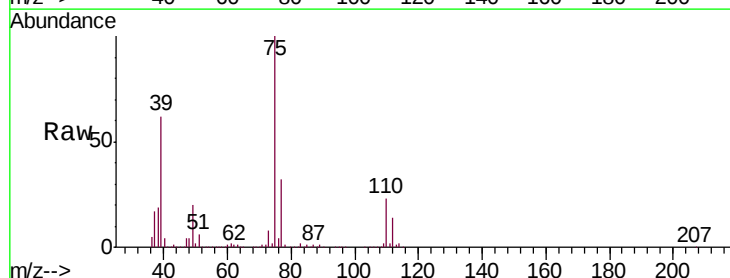
Tgt Ion: 75 Resp: 805448

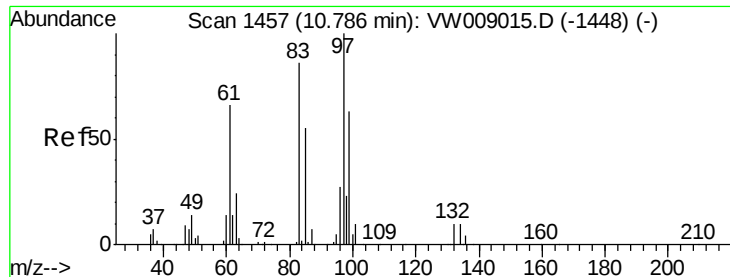
Ion Ratio Lower Upper

75 100

77 31.9 25.0 37.4

39 61.9 48.2 72.2

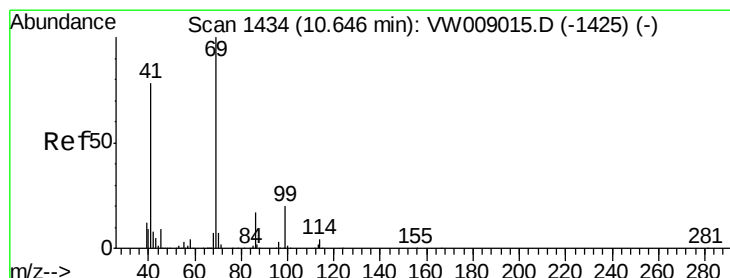
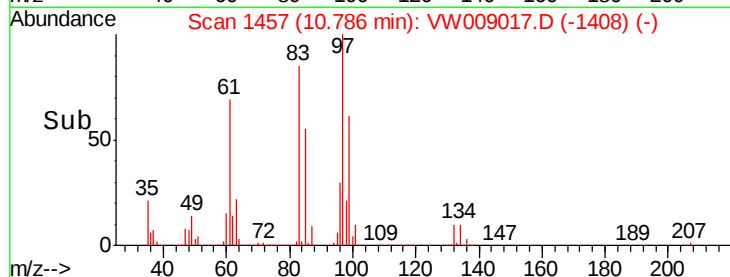
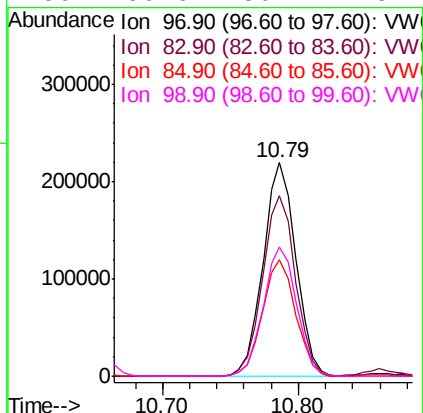
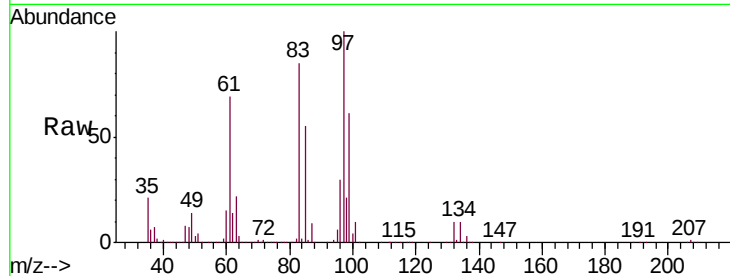




#55
 1,1,2-Trichloroethane
 Concen: 161.168 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. 0.00 min
 Lab File: VW009017.D
 Acq: 06 Mar 2019 12:59

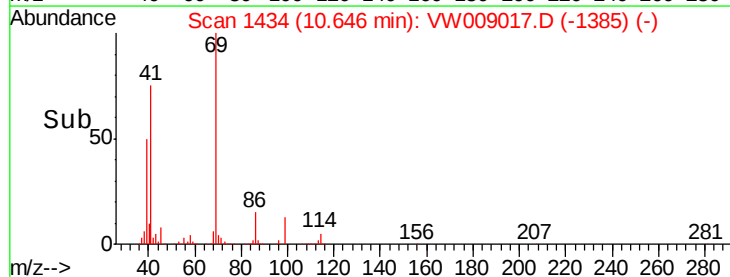
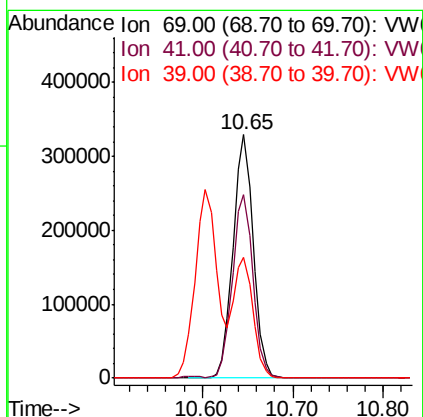
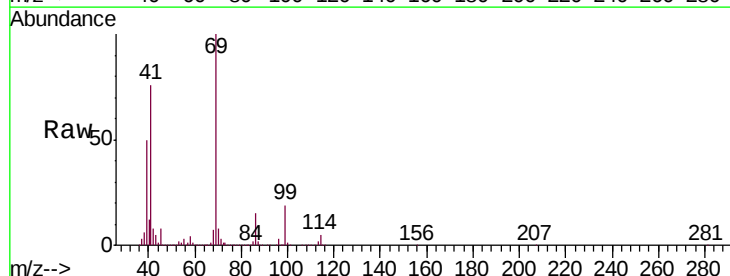
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

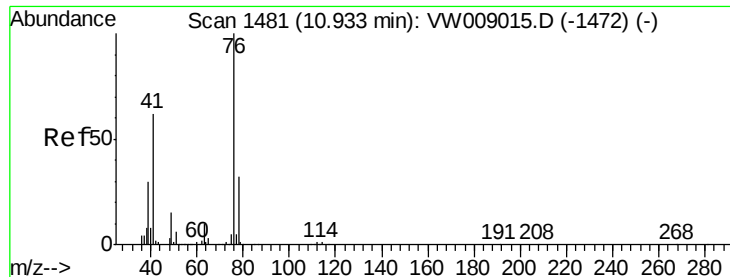
Tgt Ion:	97	Resp:	371527
Ion	Ratio	Lower	Upper
97	100		
83	84.6	68.8	103.2
85	54.8	43.7	65.5
99	60.6	50.1	75.1



#56
 Ethyl methacrylate
 Concen: 179.062 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: VW009017.D
 Acq: 06 Mar 2019 12:59

Tgt Ion:	69	Resp:	510587
Ion	Ratio	Lower	Upper
69	100		
41	76.1	58.9	88.3
39	47.0	37.6	56.4

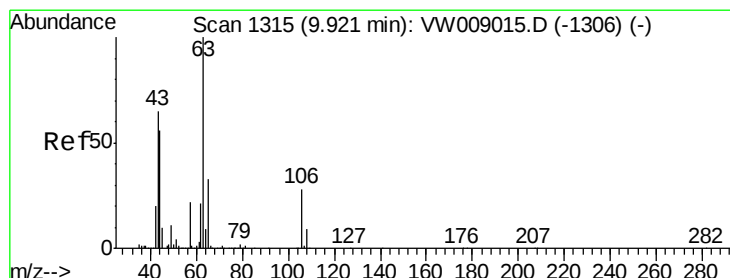
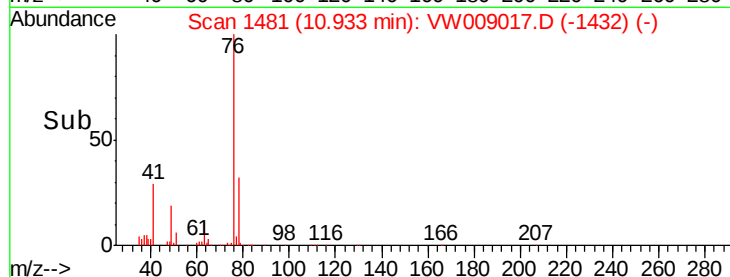
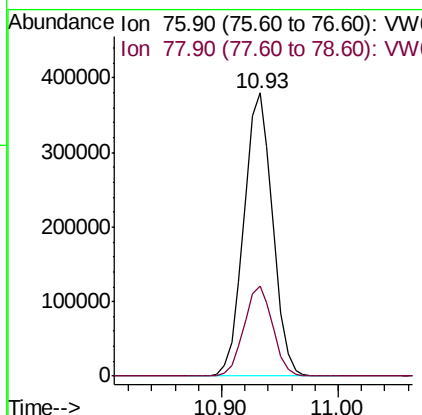
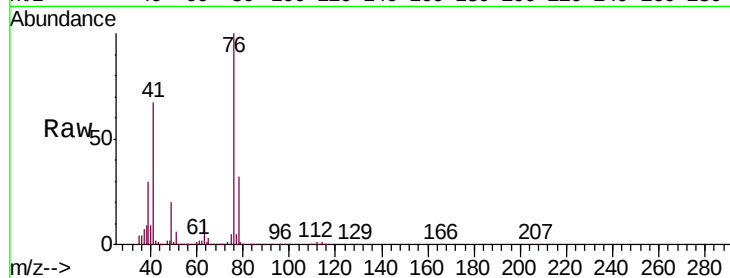




#57
 1,3-Dichloropropane
 Concen: 160.871 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. 0.00 min
 Lab File: VW009017.D
 Acq: 06 Mar 2019 12:59

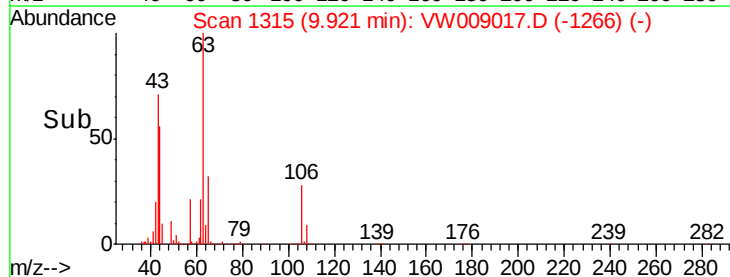
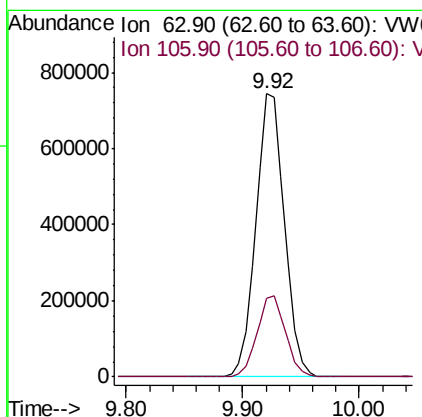
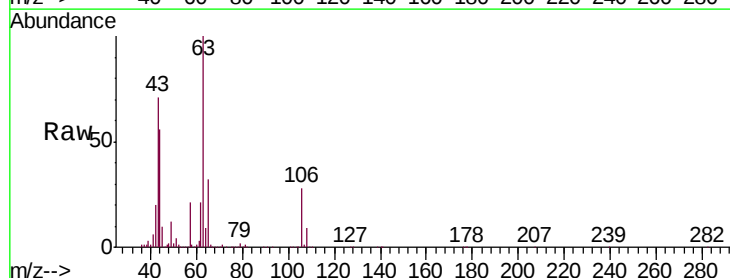
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

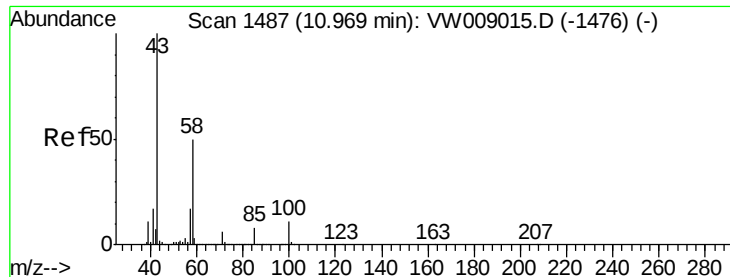
Tgt Ion: 76 Resp: 652132
 Ion Ratio Lower Upper
 76 100
 78 31.9 25.6 38.4



#58
 2-Chloroethyl Vinyl ether
 Concen: 840.267 ug/l
 RT: 9.92 min Scan# 1315
 Delta R.T. 0.00 min
 Lab File: VW009017.D
 Acq: 06 Mar 2019 12:59

Tgt Ion: 63 Resp: 1271372
 Ion Ratio Lower Upper
 63 100
 106 28.4 23.0 34.6





#59

2-Hexanone

Concen: 847.592 ug/l

RT: 10.97 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VW009017.D

Acq: 06 Mar 2019 12:59

Instrument :

MSVOA_W

ClientSampleId :

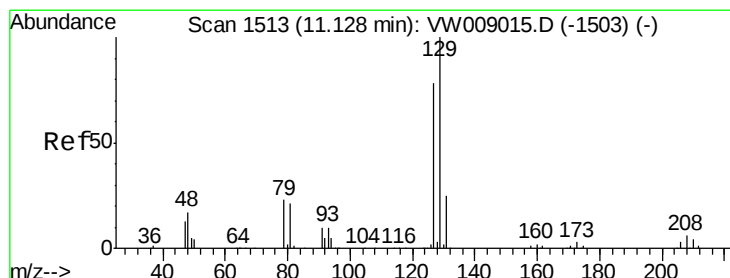
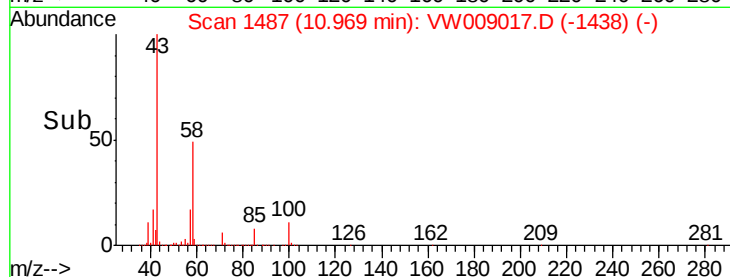
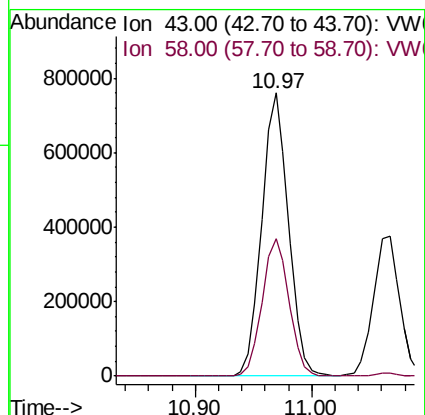
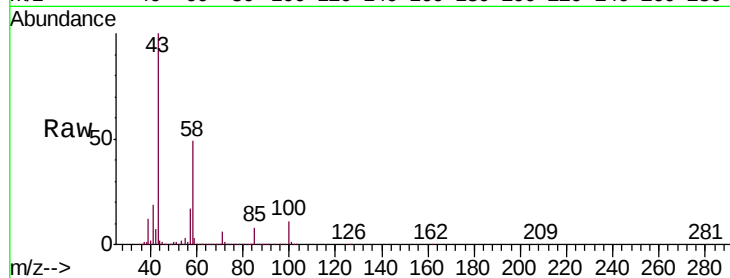
VSTDIC150

Tgt Ion: 43 Resp: 1205417

Ion Ratio Lower Upper

43 100

58 49.0 25.3 75.8



#60

Dibromochloromethane

Concen: 168.765 ug/l

RT: 11.13 min Scan# 1513

Delta R.T. 0.00 min

Lab File: VW009017.D

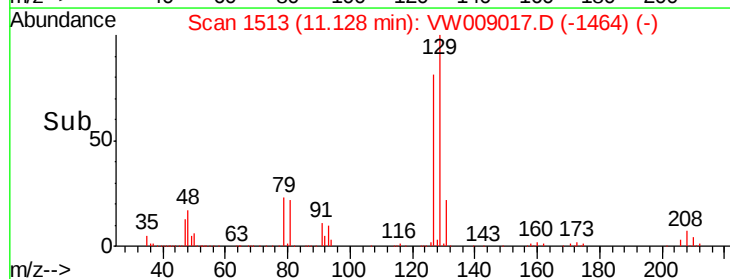
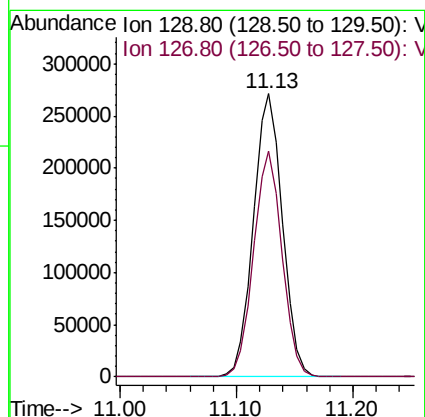
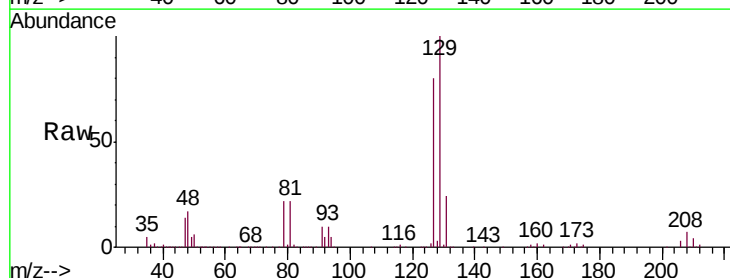
Acq: 06 Mar 2019 12:59

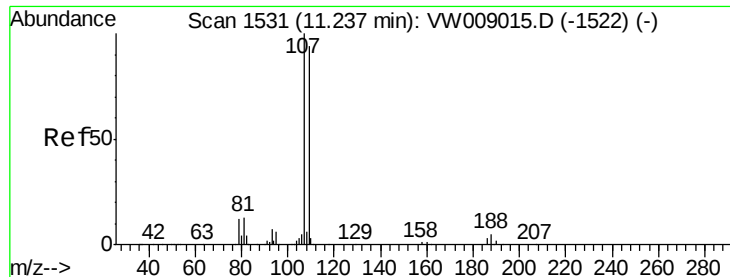
Tgt Ion: 129 Resp: 472533

Ion Ratio Lower Upper

129 100

127 78.1 39.0 116.9





#61

1,2-Dibromoethane

Concen: 164.609 ug/l

RT: 11.23 min Scan# 1530

Delta R.T. -0.01 min

Lab File: VW009017.D

Acq: 06 Mar 2019 12:59

Instrument :

MSVOA_W

ClientSampleId :

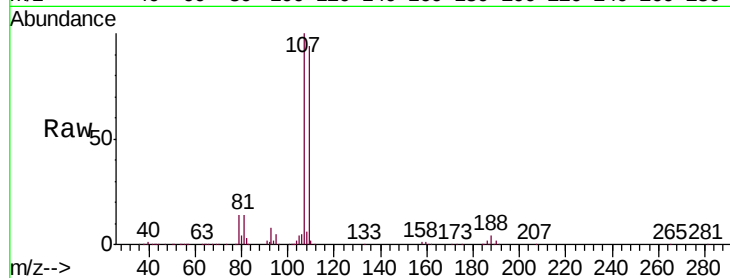
VSTDIC150

Tgt Ion: 107 Resp: 359659

Ion Ratio Lower Upper

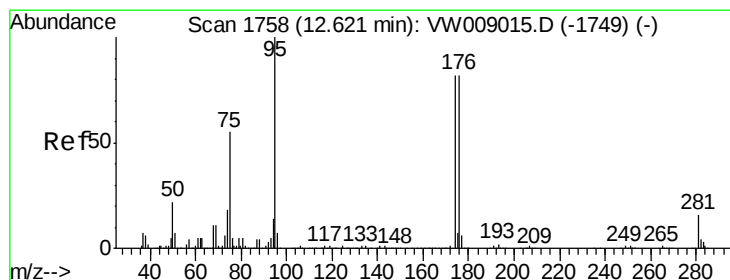
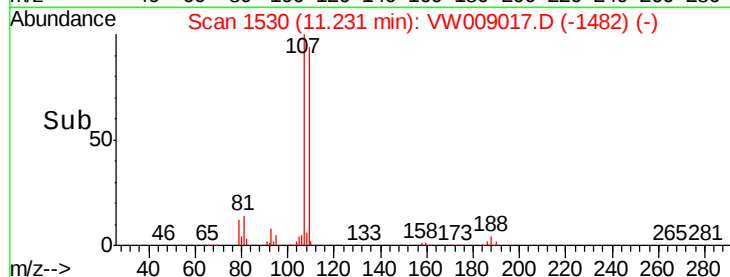
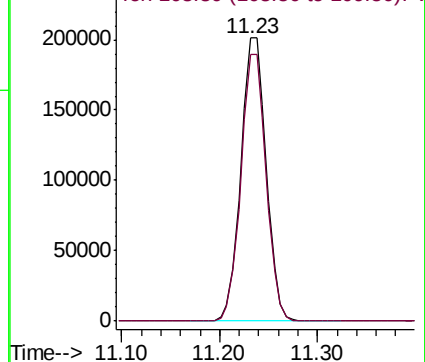
107 100

109 94.1 75.7 113.5



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 165.161 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW009017.D

Acq: 06 Mar 2019 12:59

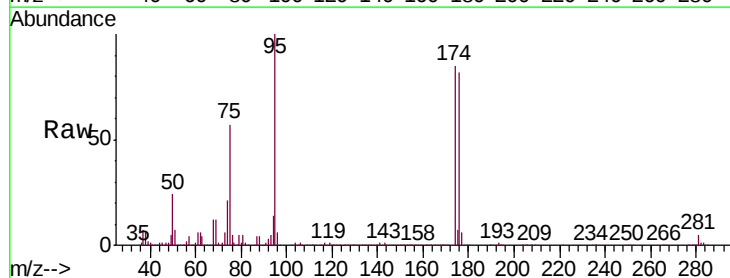
Tgt Ion: 95 Resp: 730141

Ion Ratio Lower Upper

95 100

174 81.5 0.0 165.8

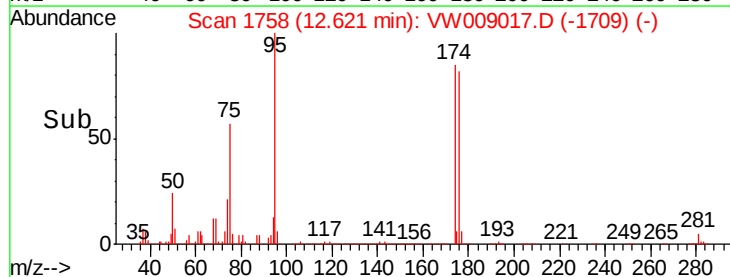
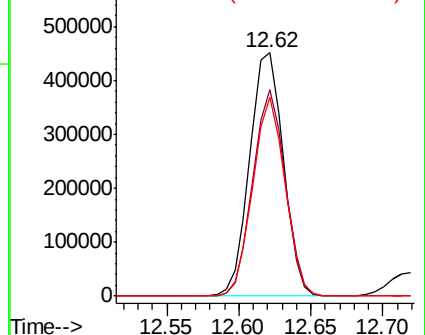
176 78.2 0.0 159.8

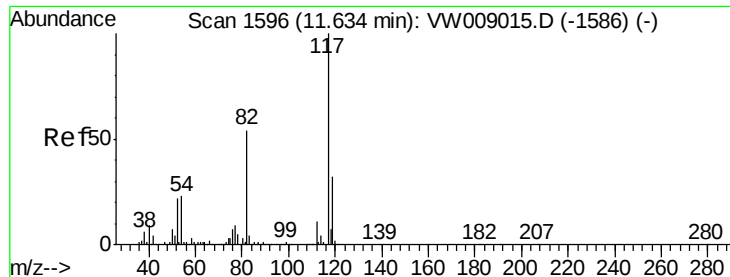


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

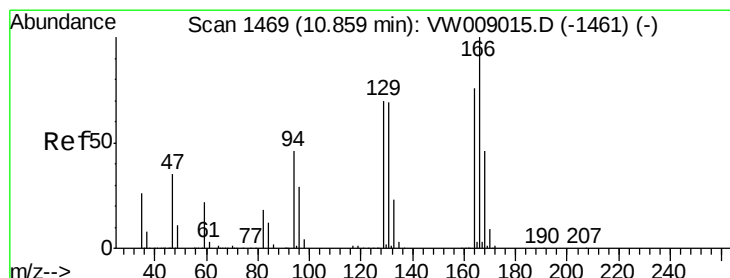
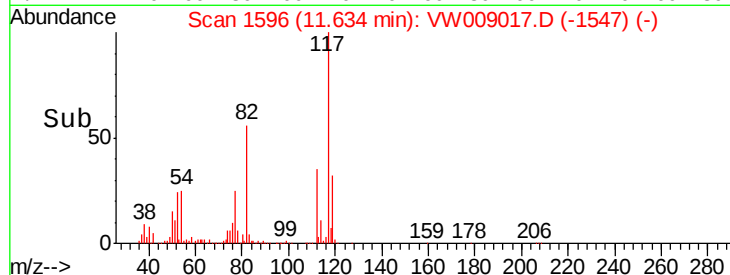
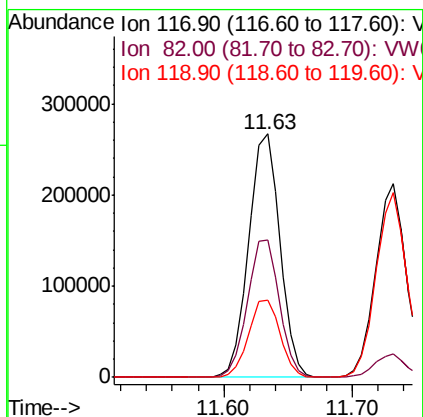
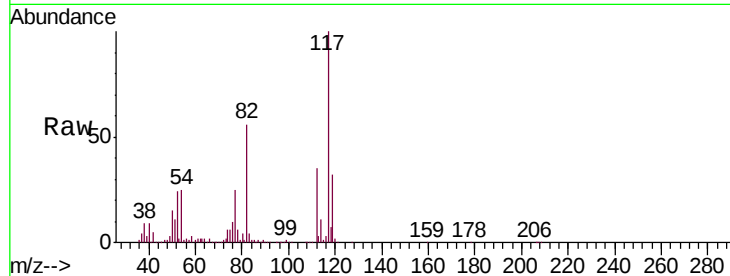




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW009017.D
Acq: 06 Mar 2019 12:59

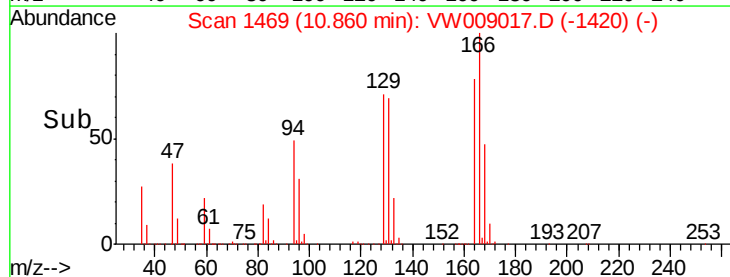
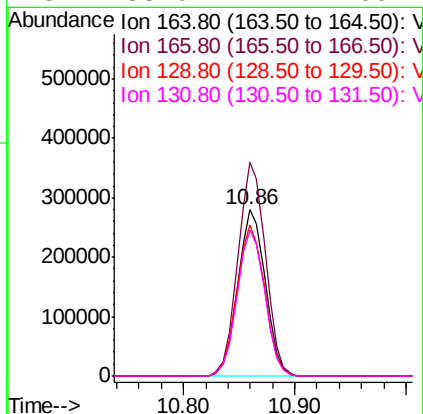
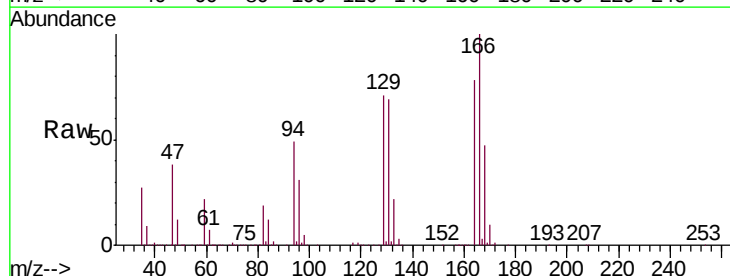
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

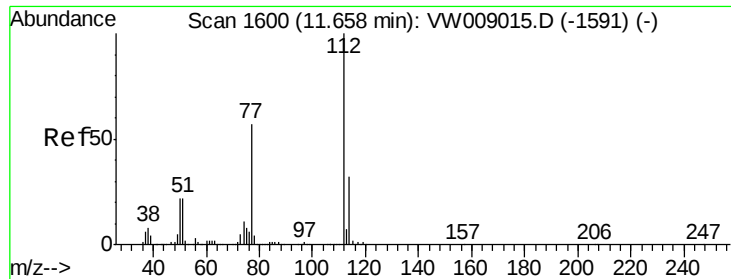
Tgt Ion:117 Resp: 445555
Ion Ratio Lower Upper
117 100
82 56.3 43.4 65.2
119 31.9 25.8 38.8



#64
Tetrachloroethene
Concen: 154.938 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VW009017.D
Acq: 06 Mar 2019 12:59

Tgt Ion:164 Resp: 476650
Ion Ratio Lower Upper
164 100
166 128.4 104.6 157.0
129 91.2 73.4 110.2
131 88.0 72.7 109.1

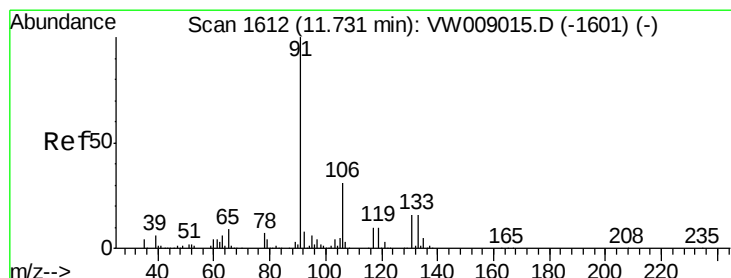
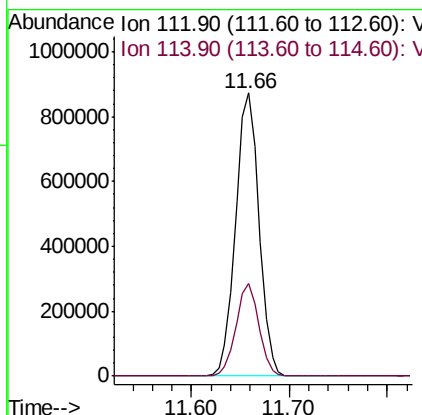
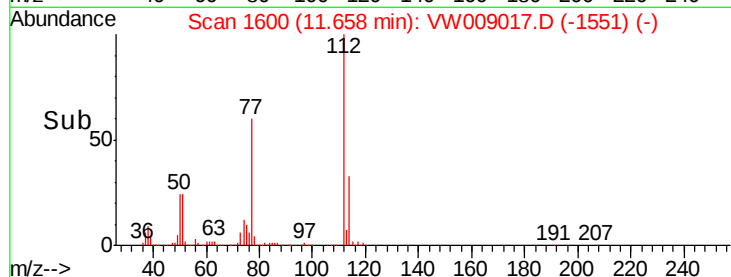
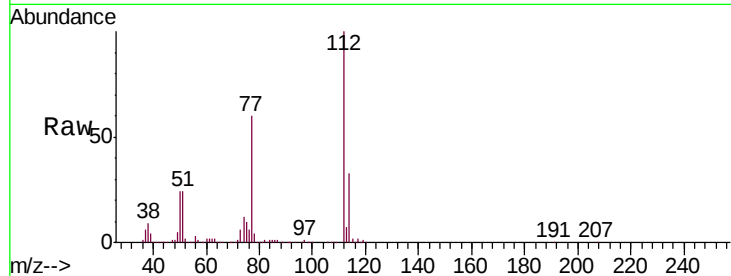




#65
Chlorobenzene
Concen: 156.962 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VW009017.D
Acq: 06 Mar 2019 12:59

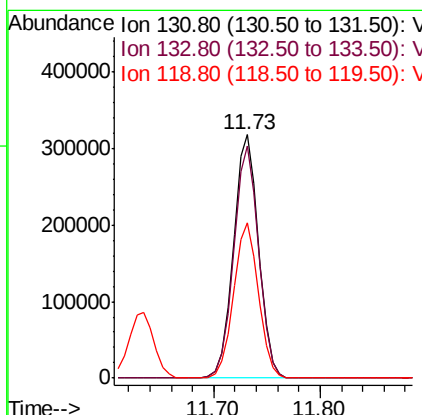
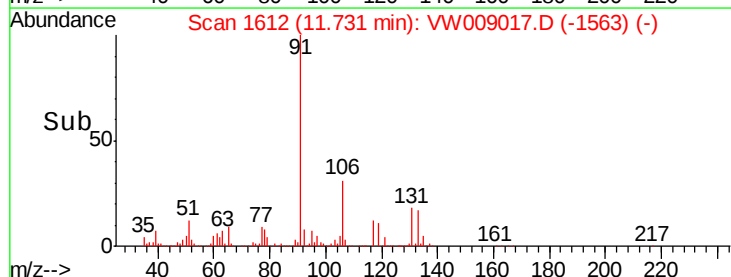
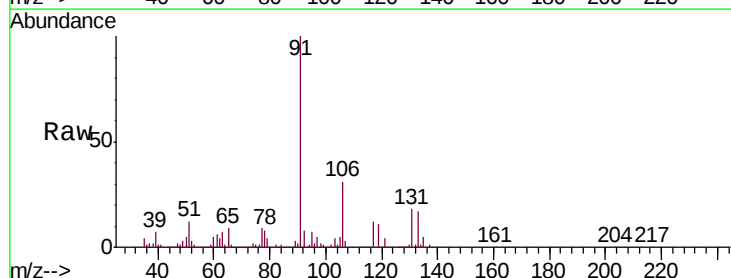
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

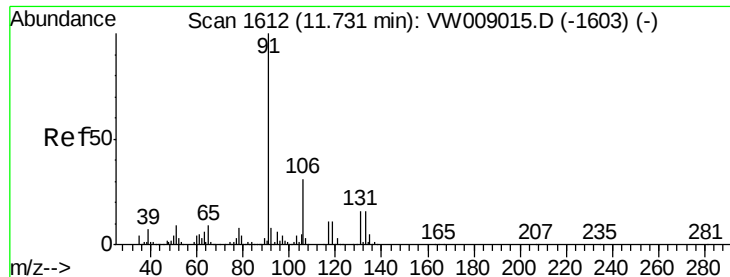
Tgt Ion:112 Resp: 1451615
Ion Ratio Lower Upper
112 100
114 32.7 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 168.562 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW009017.D
Acq: 06 Mar 2019 12:59

Tgt Ion:131 Resp: 523523
Ion Ratio Lower Upper
131 100
133 95.1 48.1 144.3
119 63.4 31.1 93.5





#67

Ethyl Benzene

Concen: 165.812 ug/l

RT: 11.73 min Scan# 1612

Delta R.T. 0.00 min

Lab File: VW009017.D

Acq: 06 Mar 2019 12:59

Instrument :

MSVOA_W

ClientSampleId :

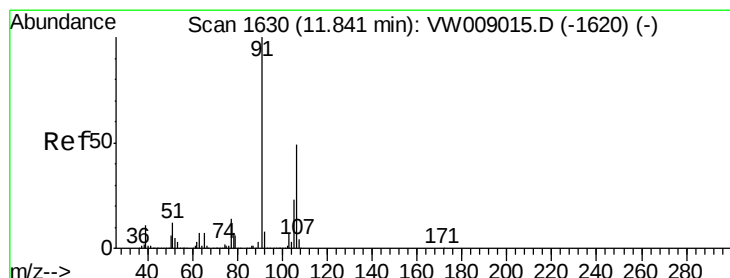
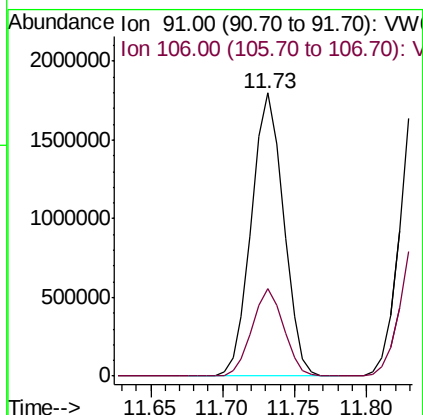
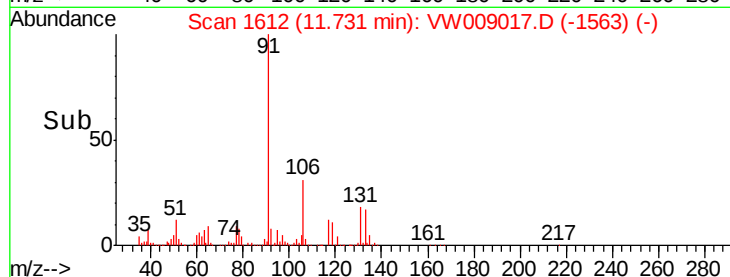
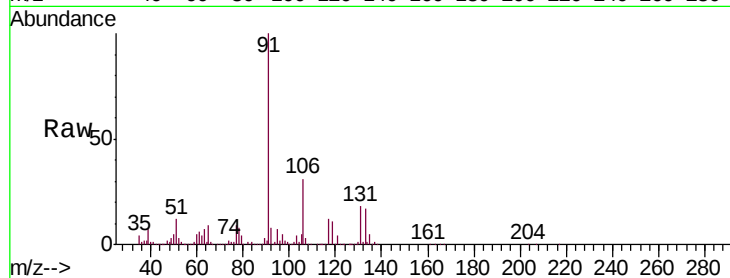
VSTDIC150

Tgt Ion: 91 Resp: 2780330

Ion Ratio Lower Upper

91 100

106 30.8 25.2 37.8



#68

m/p-Xylenes

Concen: 331.611 ug/l

RT: 11.84 min Scan# 1630

Delta R.T. 0.00 min

Lab File: VW009017.D

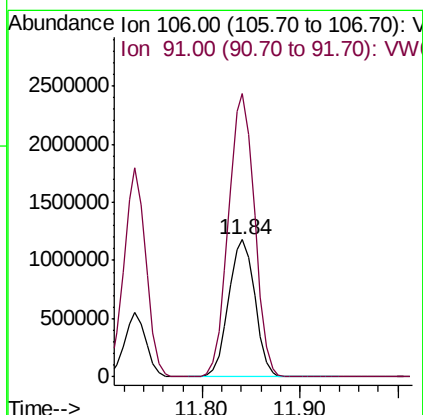
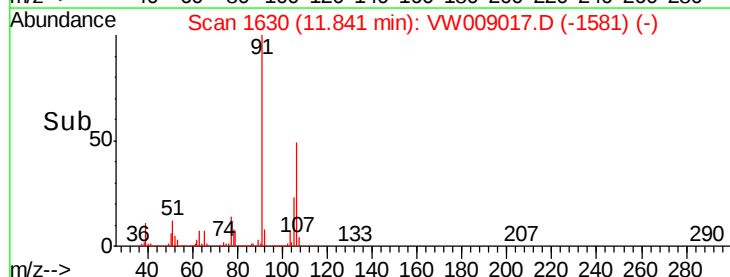
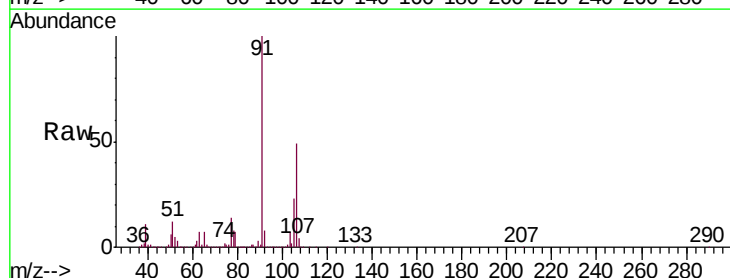
Acq: 06 Mar 2019 12:59

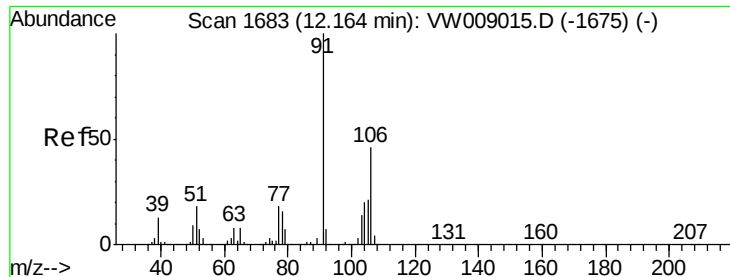
Tgt Ion: 106 Resp: 2194044

Ion Ratio Lower Upper

106 100

91 205.3 162.9 244.3

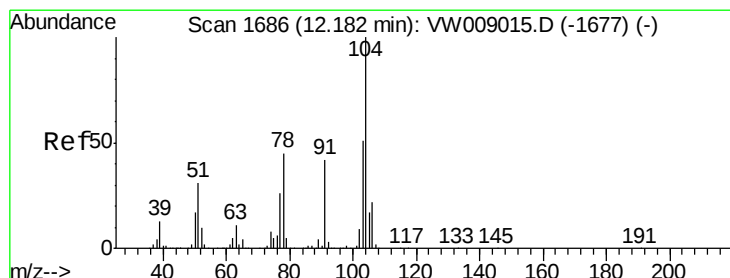
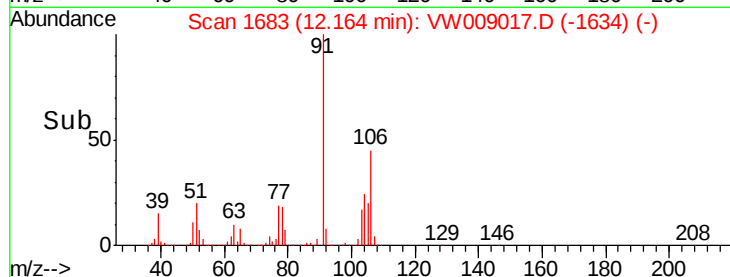
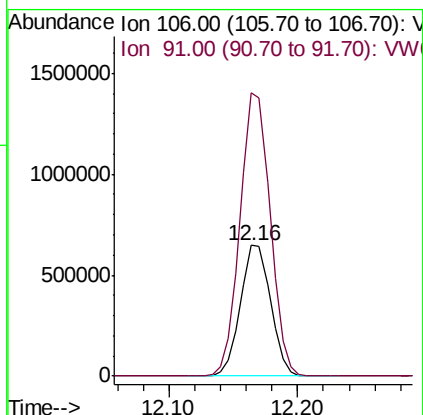
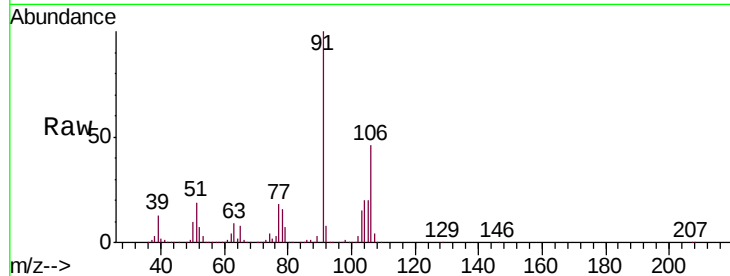




#69
o-Xylene
Concen: 170.170 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. 0.00 min
Lab File: VW009017.D
Acq: 06 Mar 2019 12:59

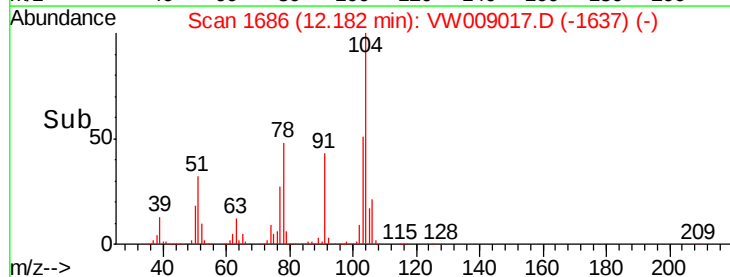
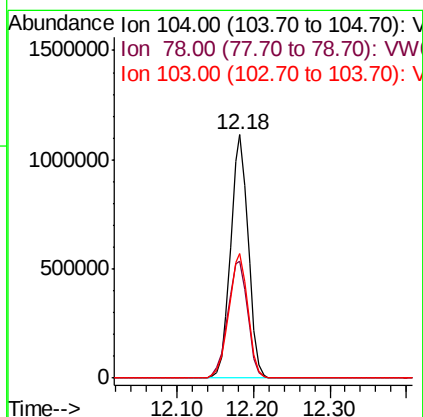
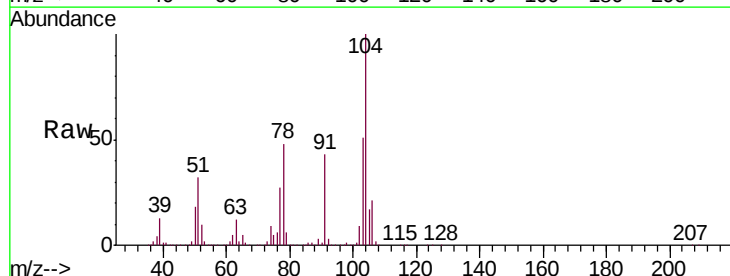
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

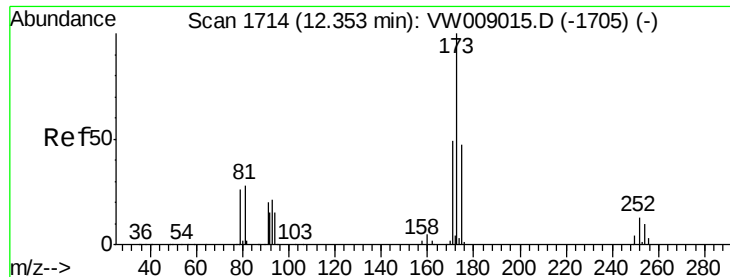
Tgt Ion:106 Resp: 1051051
Ion Ratio Lower Upper
106 100
91 216.7 107.4 322.2



#70
Styrene
Concen: 176.697 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW009017.D
Acq: 06 Mar 2019 12:59

Tgt Ion:104 Resp: 1767985
Ion Ratio Lower Upper
104 100
78 54.1 41.9 62.9
103 55.1 44.9 67.3

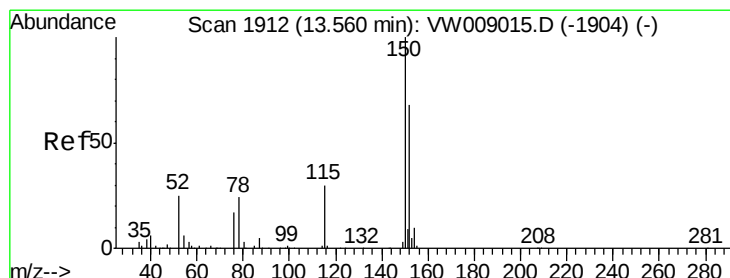
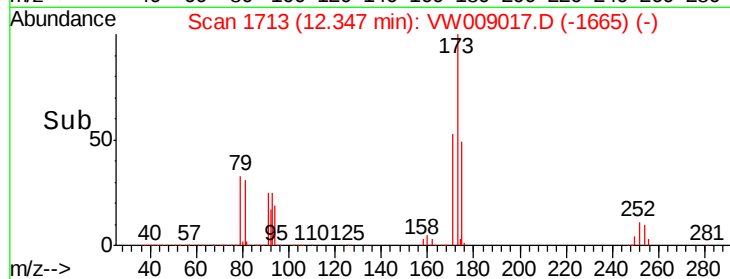
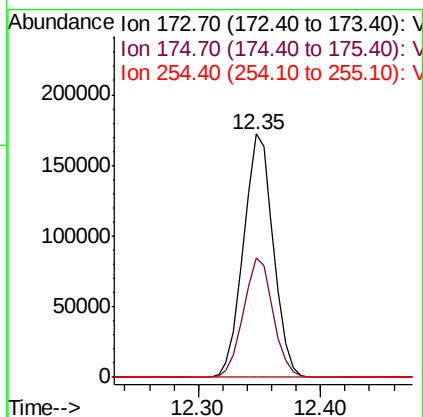
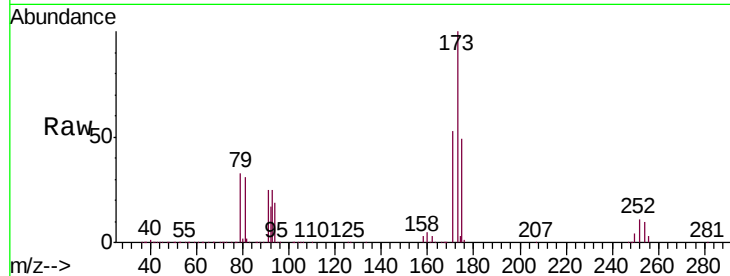




#71
Bromoform
Concen: 176.272 ug/l
RT: 12.35 min Scan# 1713
Delta R.T. -0.01 min
Lab File: VW009017.D
Acq: 06 Mar 2019 12:59

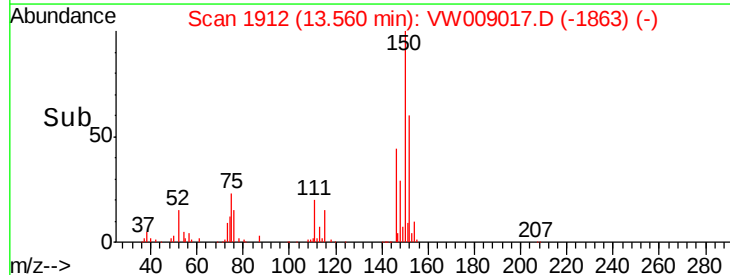
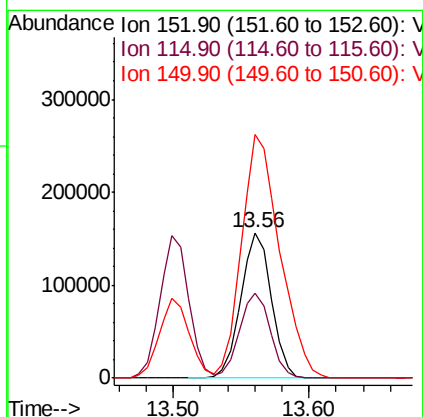
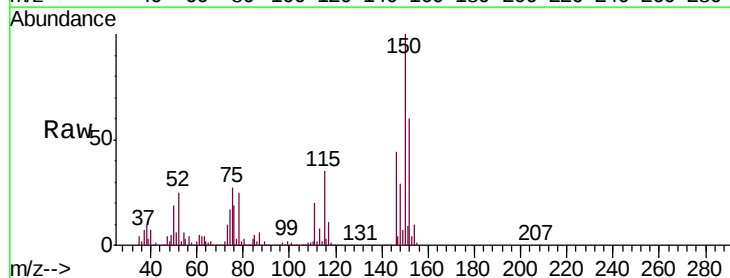
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

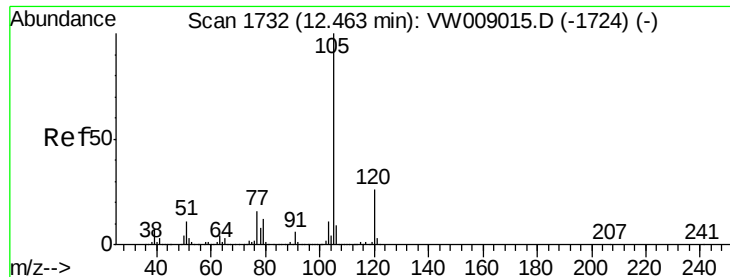
Tgt Ion:173 Resp: 291700
Ion Ratio Lower Upper
173 100
175 48.7 23.3 69.9
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW009017.D
Acq: 06 Mar 2019 12:59

Tgt Ion:152 Resp: 244588
Ion Ratio Lower Upper
152 100
115 58.7 29.3 87.8
150 209.8 0.0 348.6





#73

Isopropylbenzene

Concen: 172.480 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VW009017.D

Acq: 06 Mar 2019 12:59

Instrument :

MSVOA_W

ClientSampleId :

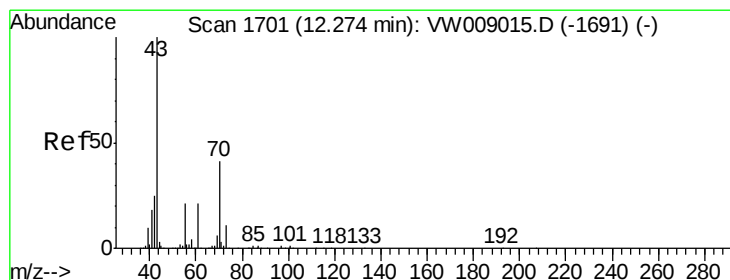
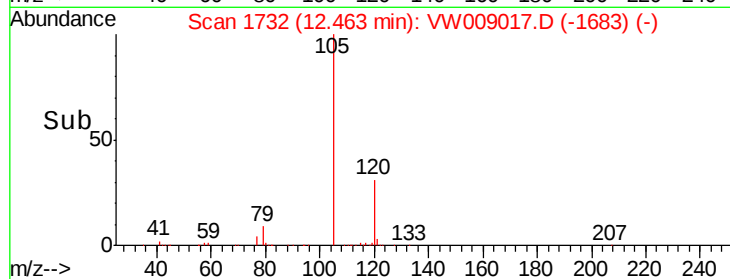
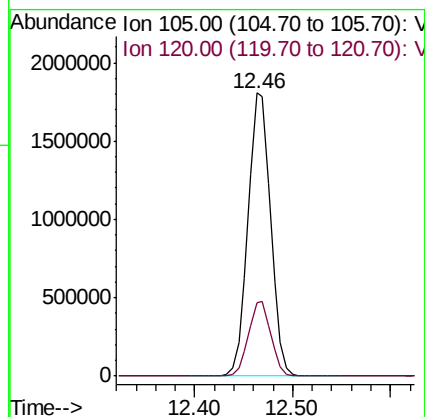
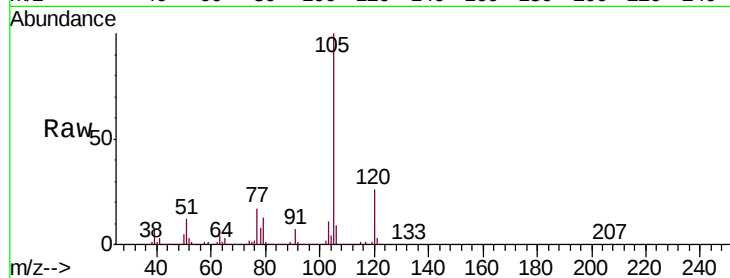
VSTDIC150

Tgt Ion:105 Resp: 2887617

Ion Ratio Lower Upper

105 100

120 26.2 13.2 39.6



#74

N-ethyl acetate

Concen: 181.458 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. 0.00 min

Lab File: VW009017.D

Acq: 06 Mar 2019 12:59

Tgt Ion: 43 Resp: 723253

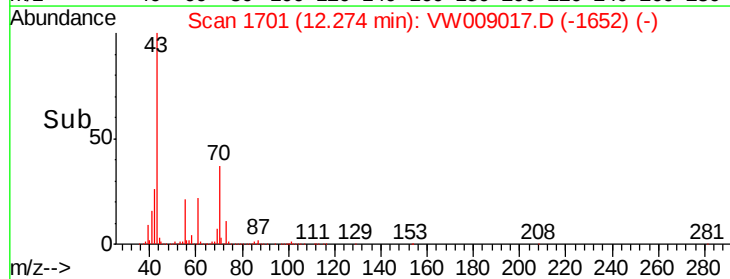
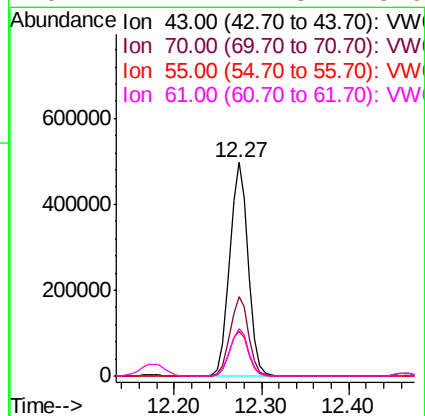
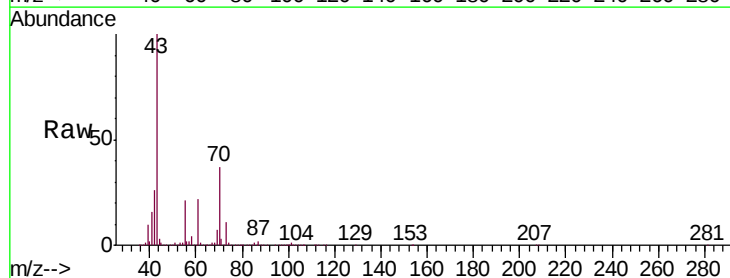
Ion Ratio Lower Upper

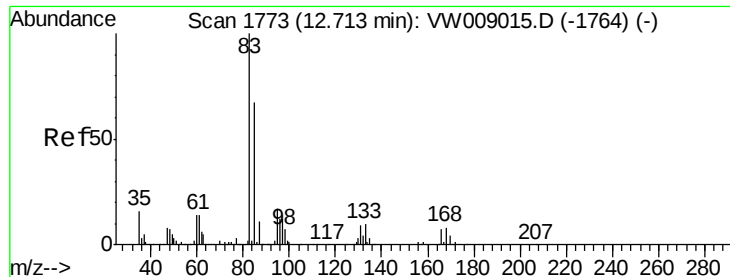
43 100

70 37.1 31.2 46.8

55 21.8 18.0 27.0

61 22.1 17.3 25.9





#75

1,1,2,2-Tetrachloroethane

Concen: 166.733 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. 0.01 min

Lab File: VW009017.D

Acq: 06 Mar 2019 12:59

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

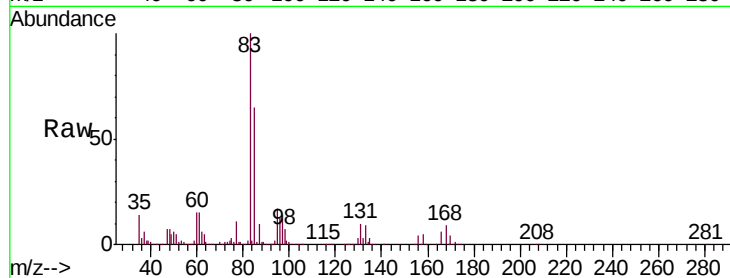
Tgt Ion: 83 Resp: 435389

Ion Ratio Lower Upper

83 100

131 10.6 5.5 16.7

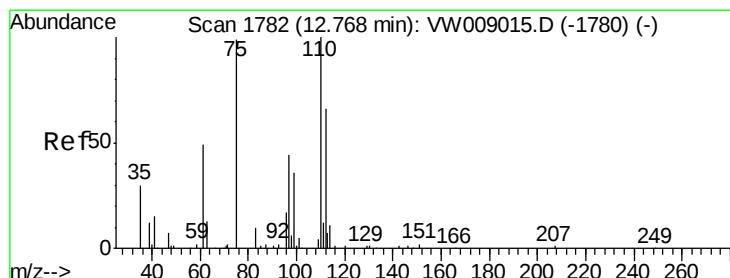
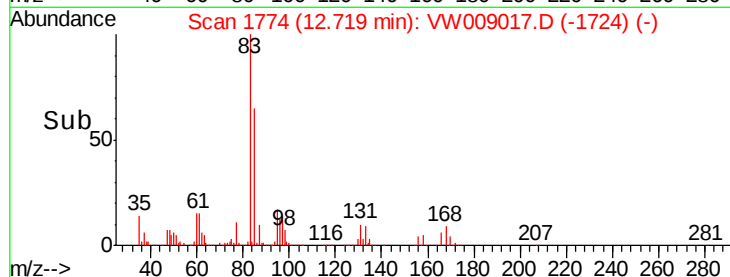
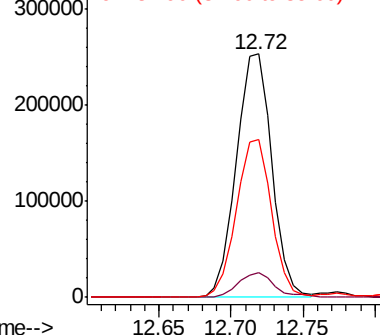
85 64.1 32.8 98.3



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: 235.379 ug/l

RT: 12.77 min Scan# 1782

Delta R.T. 0.00 min

Lab File: VW009017.D

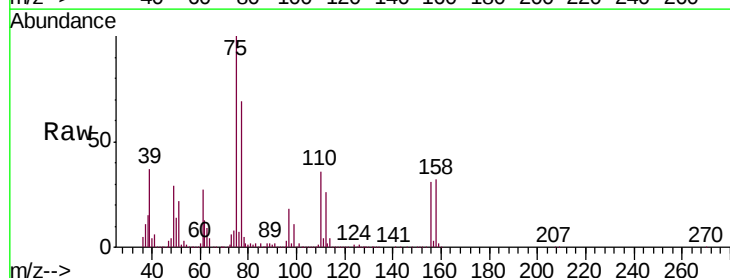
Acq: 06 Mar 2019 12:59

Tgt Ion: 75 Resp: 622212

Ion Ratio Lower Upper

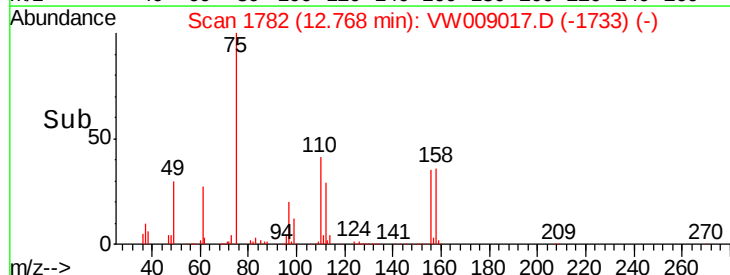
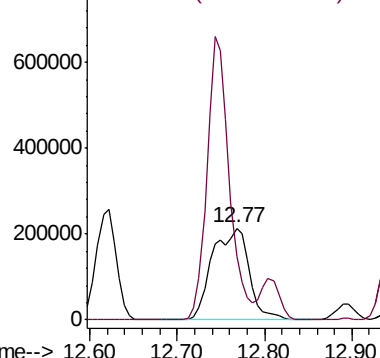
75 100

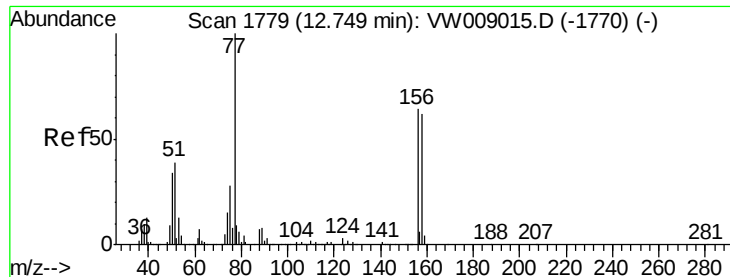
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 161.452 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VW009017.D

Acq: 06 Mar 2019 12:59

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

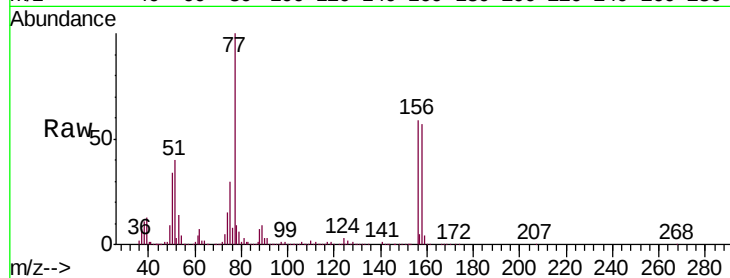
Tgt Ion:156 Resp: 611906

Ion Ratio Lower Upper

156 100

77 192.2 91.6 274.9

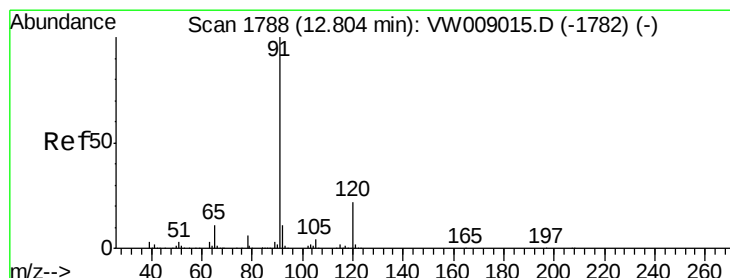
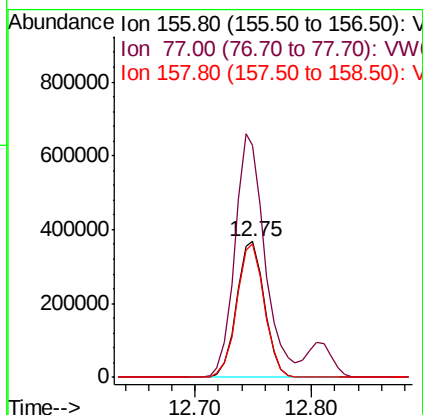
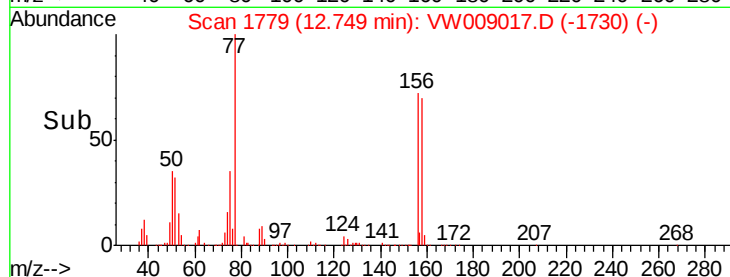
158 97.4 48.8 146.4



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 168.820 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. 0.00 min

Lab File: VW009017.D

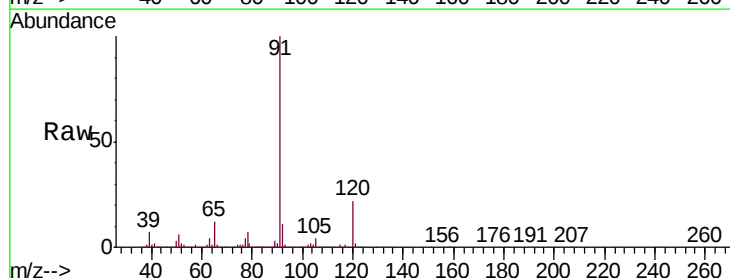
Acq: 06 Mar 2019 12:59

Tgt Ion: 91 Resp: 3469783

Ion Ratio Lower Upper

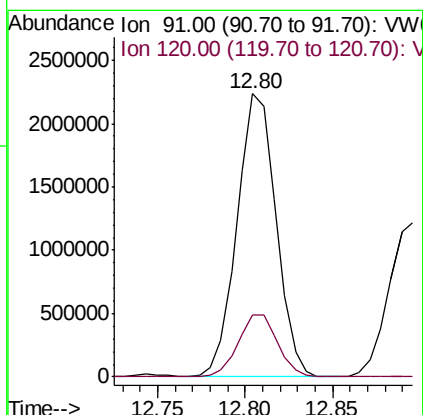
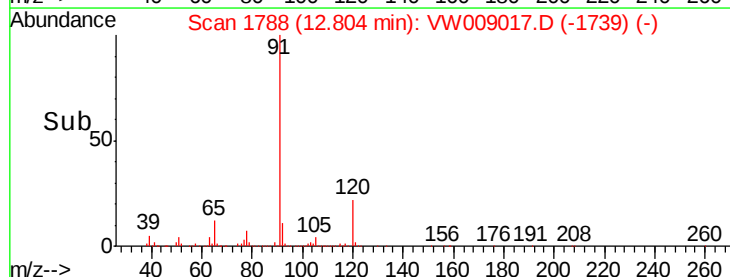
91 100

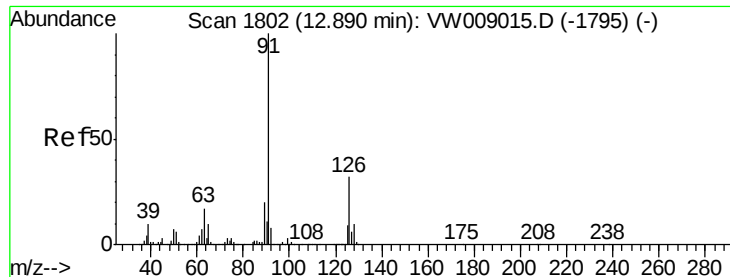
120 22.3 11.3 33.9



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V

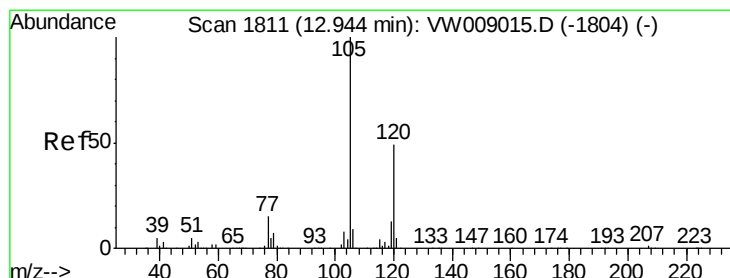
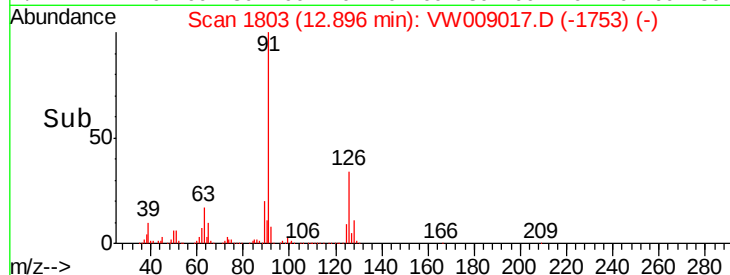
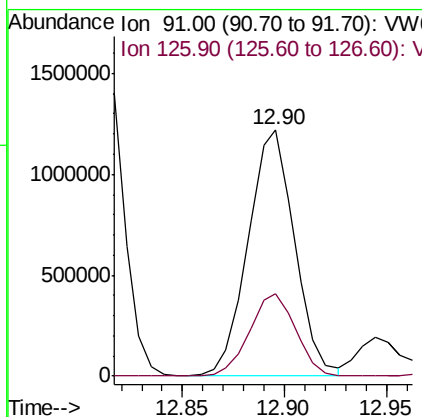
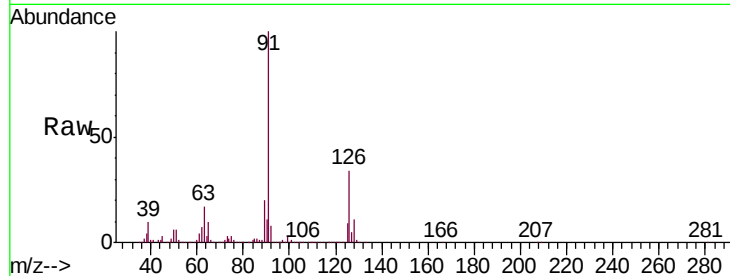




#79
 2-Chlorotoluene
 Concen: 166.698 ug/l
 RT: 12.90 min Scan# 1803
 Delta R.T. 0.01 min
 Lab File: VW009017.D
 Acq: 06 Mar 2019 12:59

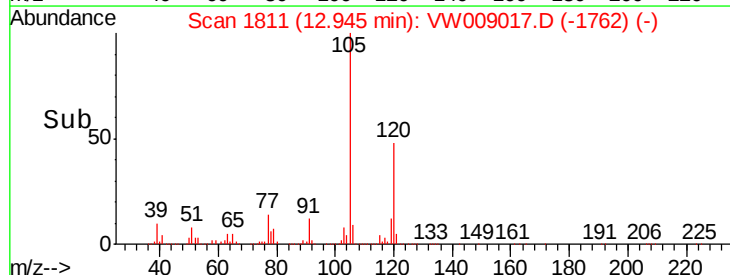
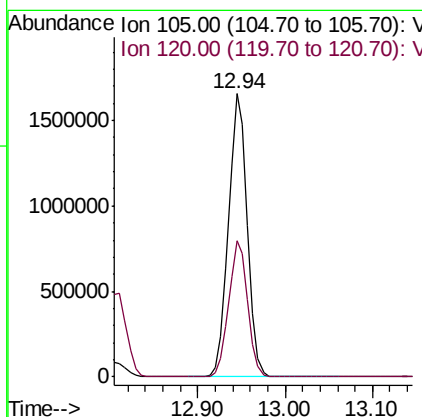
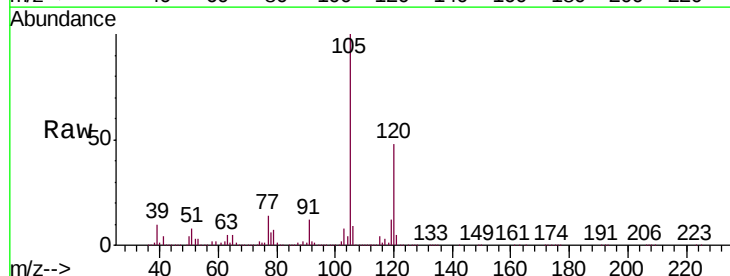
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

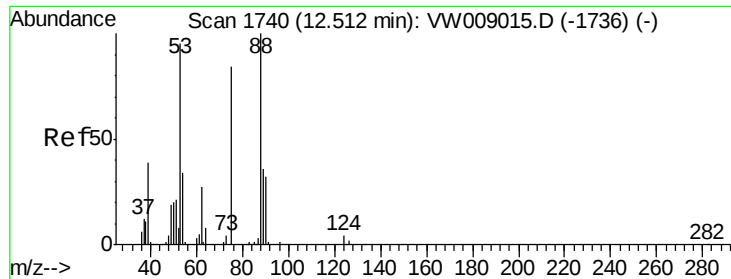
Tgt Ion: 91 Resp: 1934546
 Ion Ratio Lower Upper
 91 100
 126 33.2 16.8 50.4



#80
 1,3,5-Trimethylbenzene
 Concen: 170.710 ug/l
 RT: 12.94 min Scan# 1811
 Delta R.T. 0.00 min
 Lab File: VW009017.D
 Acq: 06 Mar 2019 12:59

Tgt Ion: 105 Resp: 2452730
 Ion Ratio Lower Upper
 105 100
 120 48.5 24.6 73.8





#81

trans-1,4-Dichloro-2-butene

Concen: 185.853 ug/l

RT: 12.51 min Scan# 1740

Delta R.T. 0.00 min

Lab File: VW009017.D

Acq: 06 Mar 2019 12:59

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

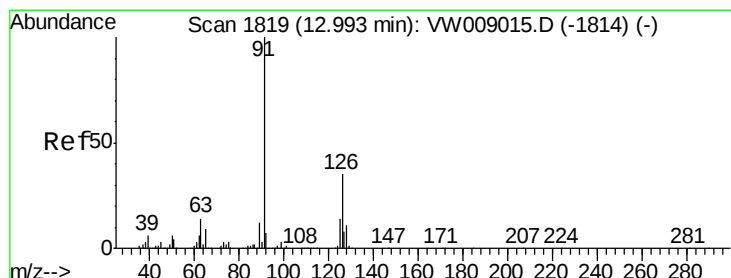
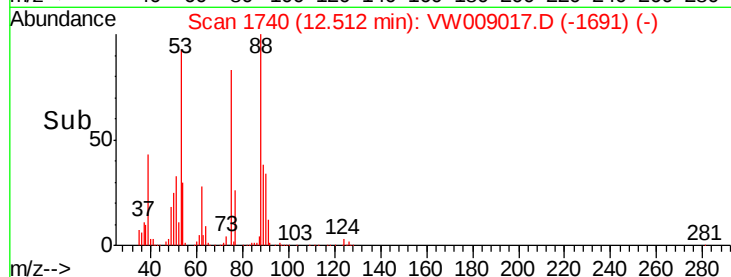
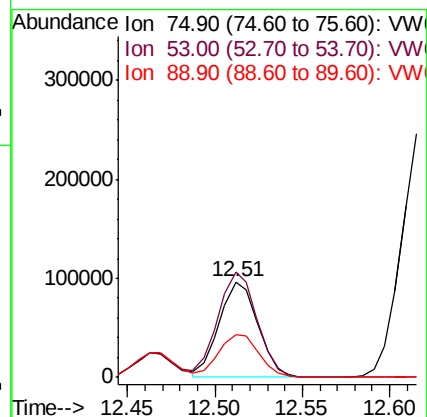
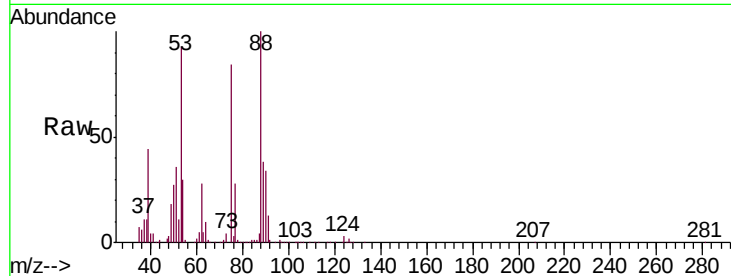
Tgt Ion: 75 Resp: 148641

Ion Ratio Lower Upper

75 100

53 112.0 88.5 132.7

89 47.1 36.3 54.5



#82

4-Chlorotoluene

Concen: 167.597 ug/l

RT: 12.99 min Scan# 1819

Delta R.T. 0.00 min

Lab File: VW009017.D

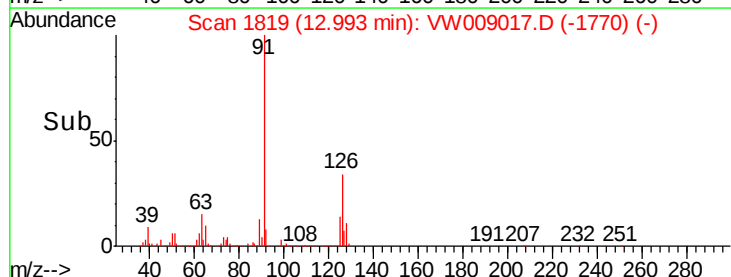
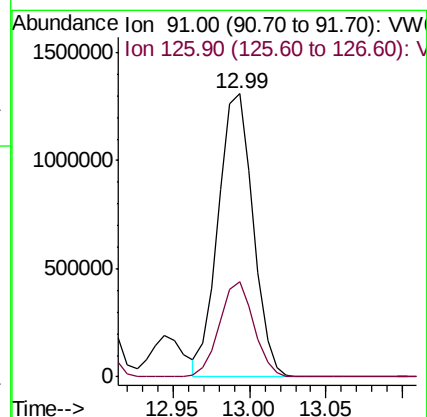
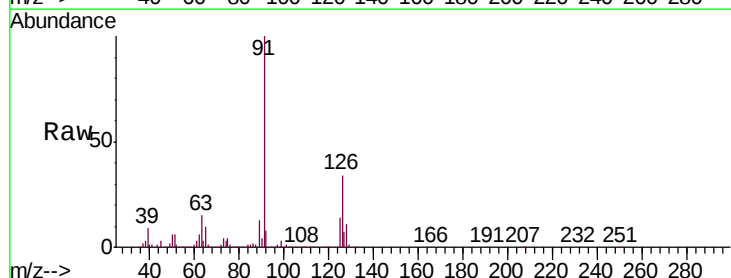
Acq: 06 Mar 2019 12:59

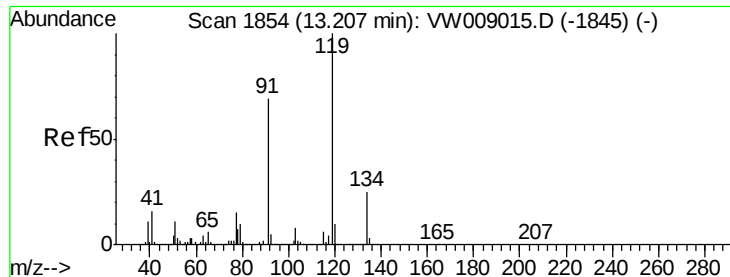
Tgt Ion: 91 Resp: 2068847

Ion Ratio Lower Upper

91 100

126 33.3 16.9 50.6

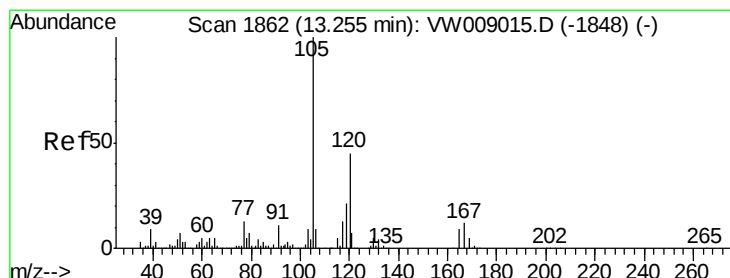
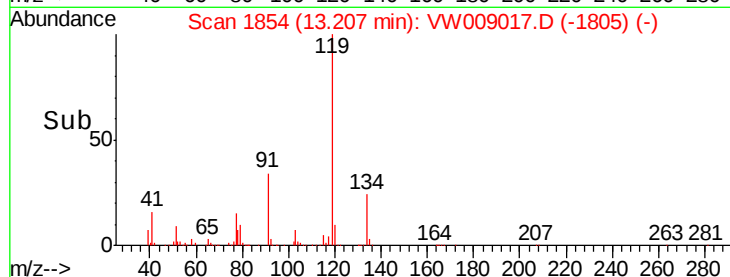
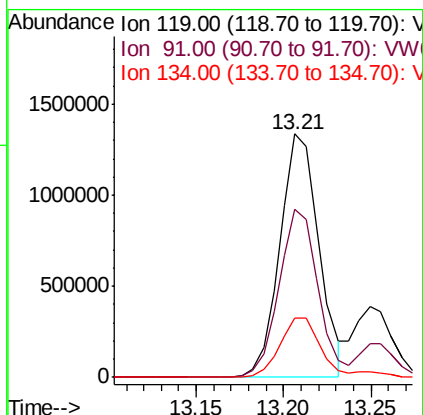
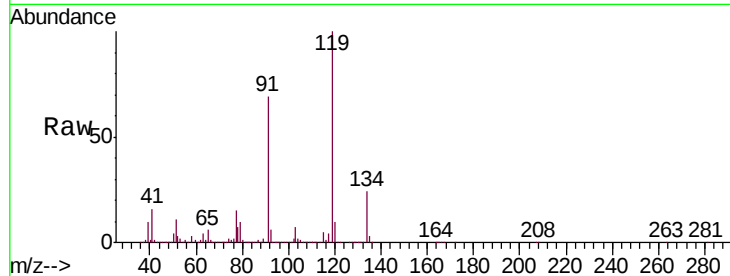




#83
 tert-Butylbenzene
 Concen: 167.549 ug/l
 RT: 13.21 min Scan# 1854
 Delta R.T. 0.00 min
 Lab File: VW009017.D
 Acq: 06 Mar 2019 12:59

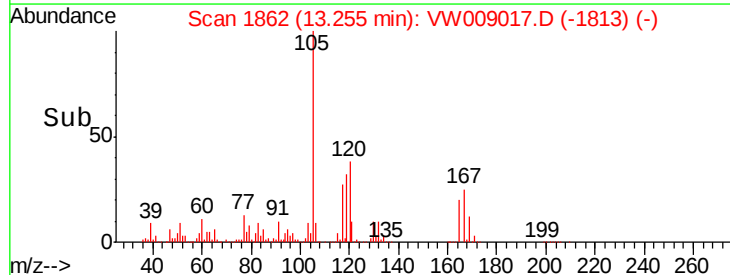
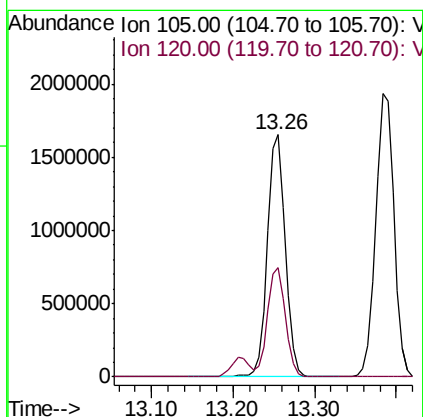
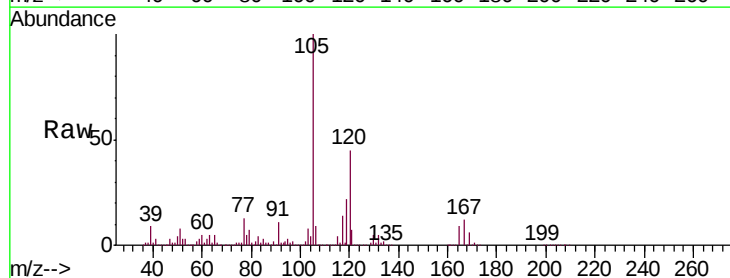
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

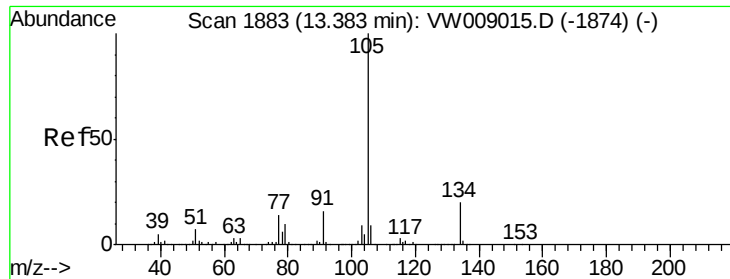
Tgt Ion:119 Resp: 2074239
 Ion Ratio Lower Upper
 119 100
 91 69.4 34.3 102.9
 134 26.9 13.6 40.8



#84
 1,2,4-Trimethylbenzene
 Concen: 170.427 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. 0.00 min
 Lab File: VW009017.D
 Acq: 06 Mar 2019 12:59

Tgt Ion:105 Resp: 2506786
 Ion Ratio Lower Upper
 105 100
 120 45.1 22.6 67.7

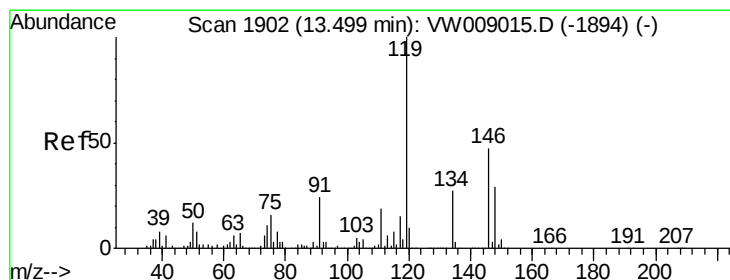
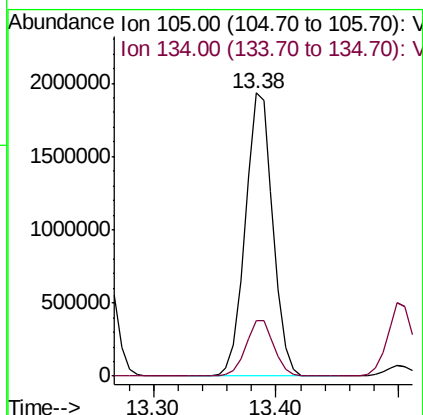
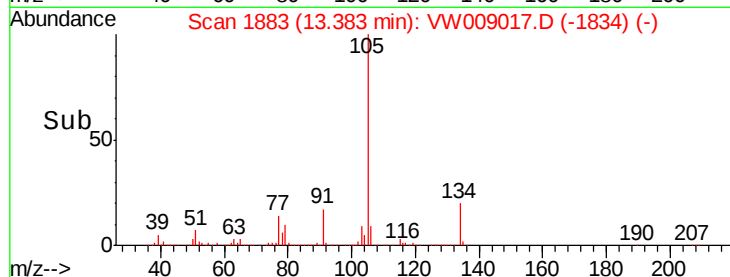
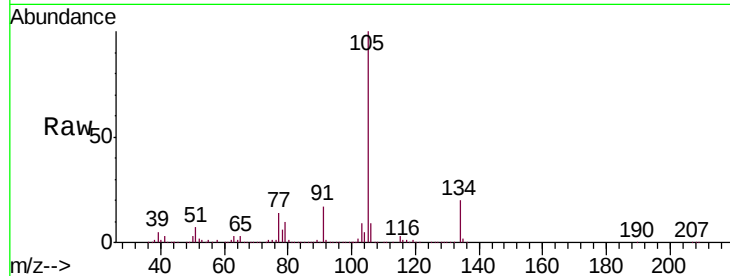




#85
 sec-Butylbenzene
 Concen: 166.160 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. 0.00 min
 Lab File: VW009017.D
 Acq: 06 Mar 2019 12:59

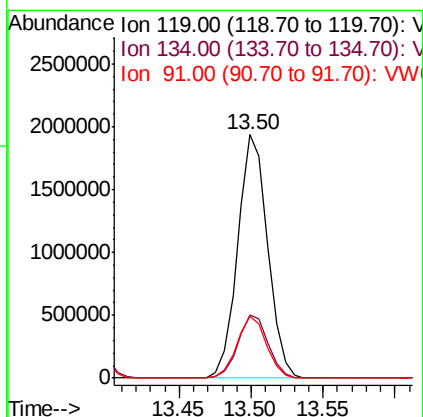
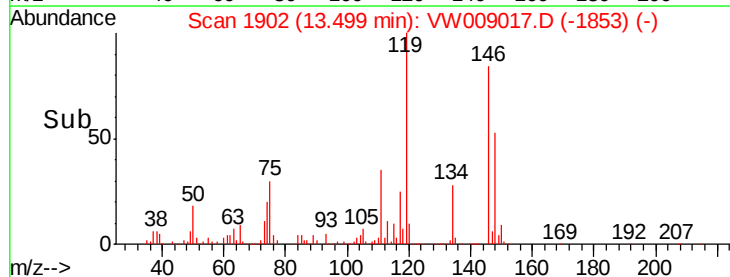
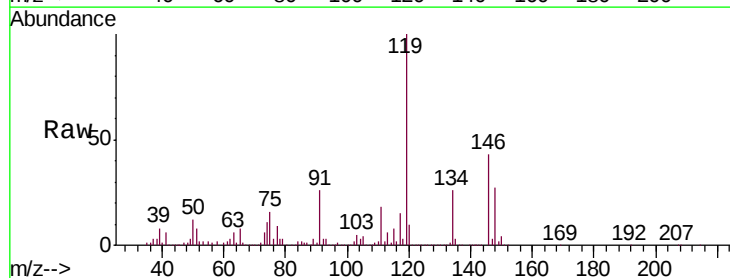
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

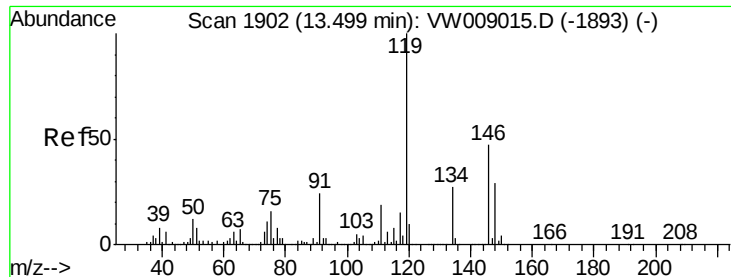
Tgt Ion:105 Resp: 3000742
 Ion Ratio Lower Upper
 105 100
 134 20.0 10.2 30.6



#86
 p-Isopropyltoluene
 Concen: 171.394 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: VW009017.D
 Acq: 06 Mar 2019 12:59

Tgt Ion:119 Resp: 2786040
 Ion Ratio Lower Upper
 119 100
 134 26.1 13.0 38.9
 91 25.1 12.1 36.3





#87

1,3-Dichlorobenzene

Concen: 161.551 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. 0.00 min

Lab File: VW009017.D

Acq: 06 Mar 2019 12:59

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

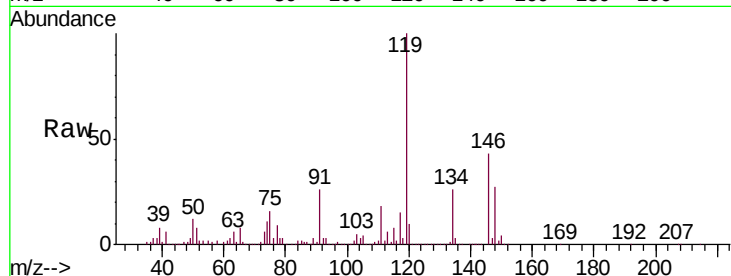
Tgt Ion:146 Resp: 1310769

Ion Ratio Lower Upper

146 100

111 41.3 19.6 58.7

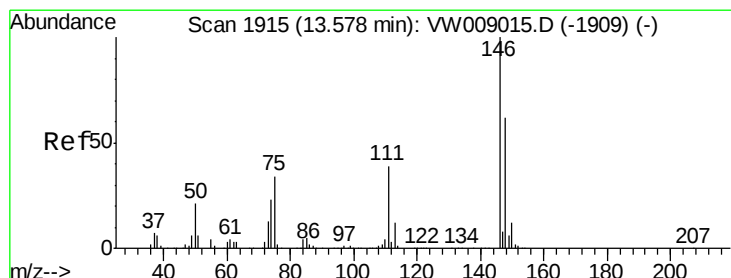
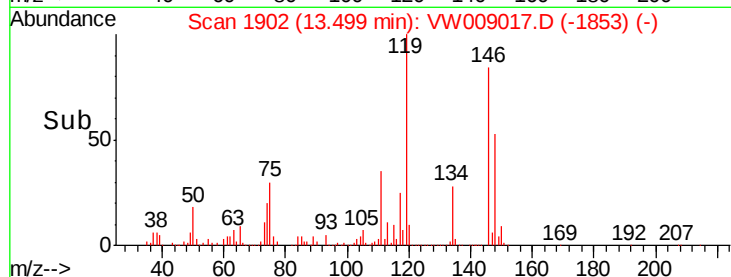
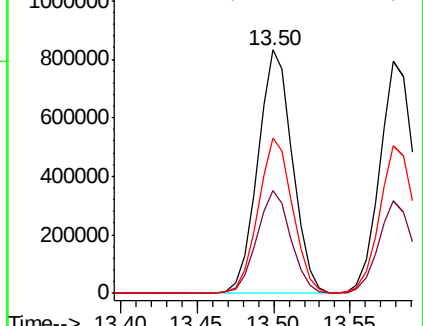
148 63.5 31.7 95.1



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 154.137 ug/l

RT: 13.58 min Scan# 1915

Delta R.T. 0.00 min

Lab File: VW009017.D

Acq: 06 Mar 2019 12:59

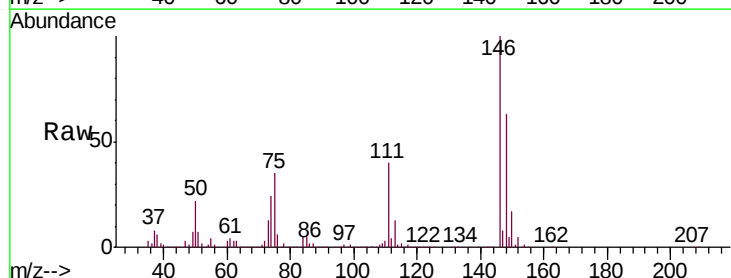
Tgt Ion:146 Resp: 1240381

Ion Ratio Lower Upper

146 100

111 39.2 19.9 59.7

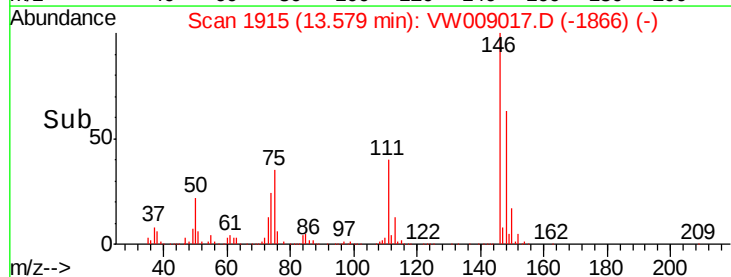
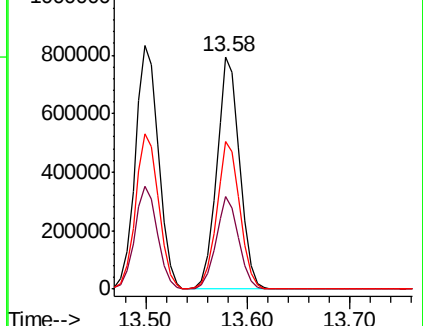
148 63.8 31.7 95.1

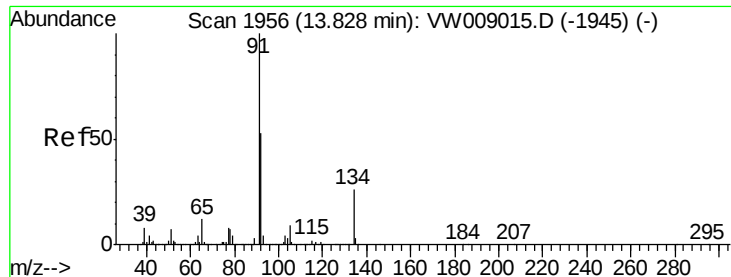


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 169.544 ug/l

RT: 13.83 min Scan# 1956

Delta R.T. 0.00 min

Lab File: VW009017.D

Acq: 06 Mar 2019 12:59

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

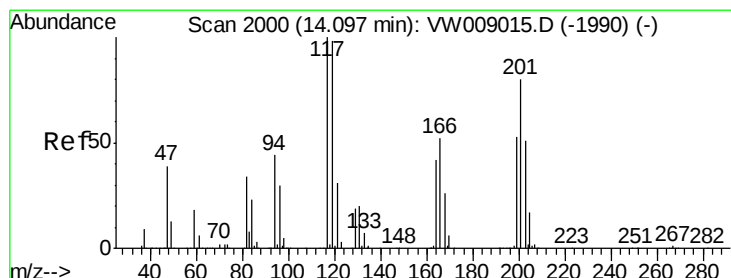
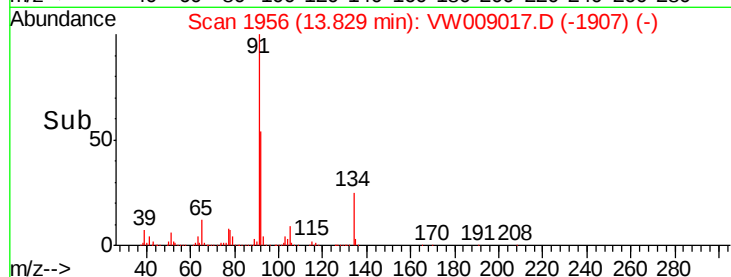
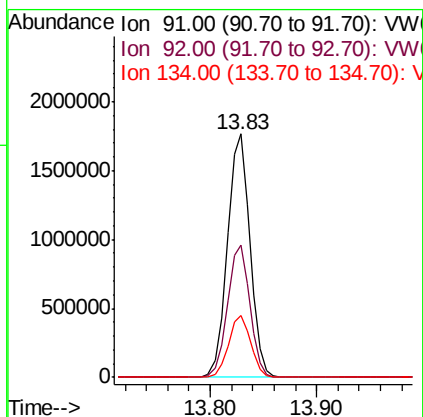
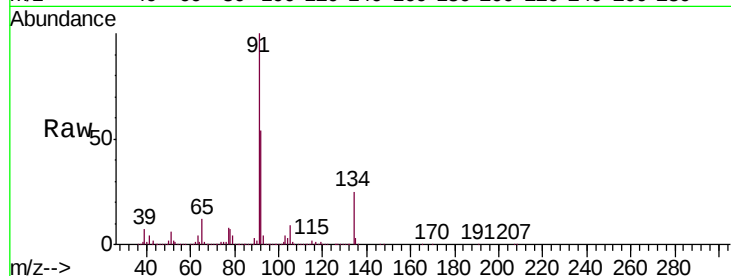
Tgt Ion: 91 Resp: 2609177

Ion Ratio Lower Upper

91 100

92 54.1 26.7 80.0

134 25.3 13.0 39.0



#90

Hexachloroethane

Concen: 168.046 ug/l

RT: 14.10 min Scan# 2000

Delta R.T. 0.00 min

Lab File: VW009017.D

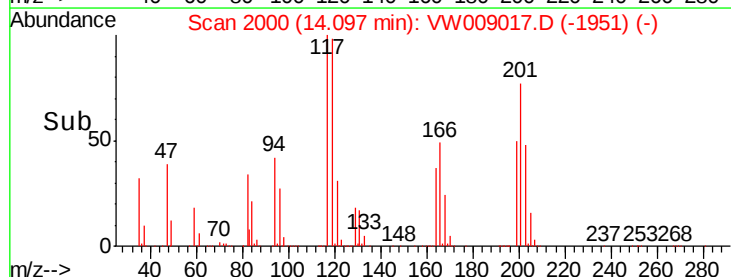
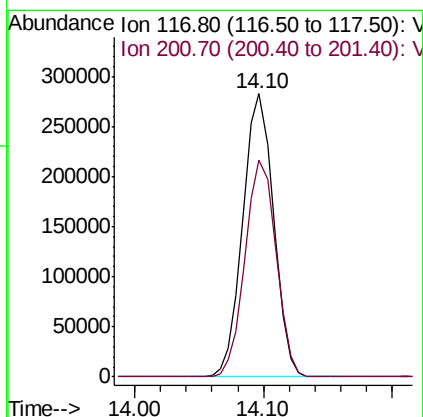
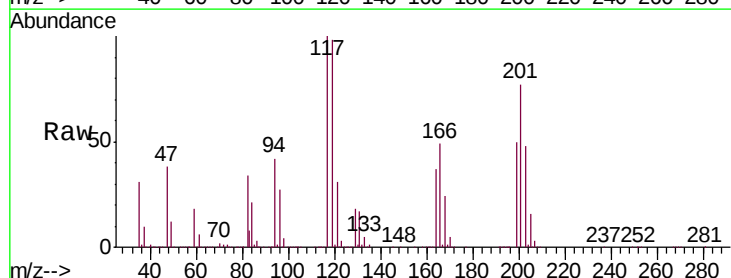
Acq: 06 Mar 2019 12:59

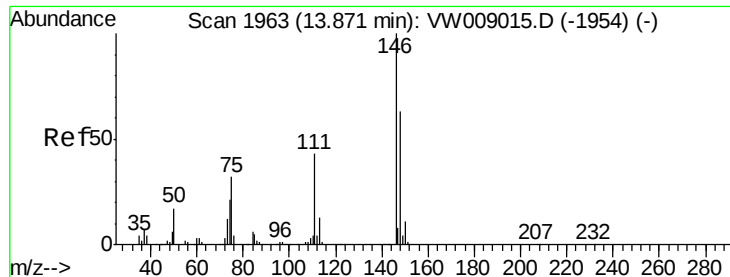
Tgt Ion: 117 Resp: 467969

Ion Ratio Lower Upper

117 100

201 77.0 38.9 116.6





#91

1,2-Dichlorobenzene

Concen: 154.001 ug/l

RT: 13.87 min Scan# 1963

Delta R.T. 0.00 min

Lab File: VW009017.D

Acq: 06 Mar 2019 12:59

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

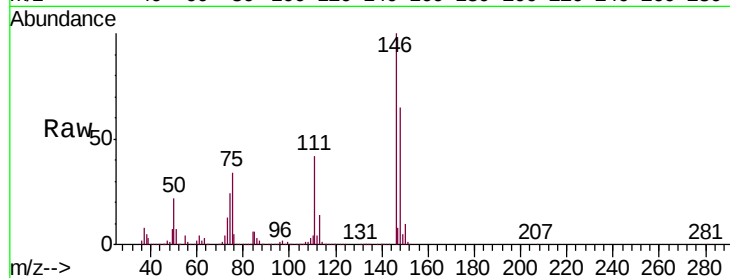
Tgt Ion:146 Resp: 1093232

Ion Ratio Lower Upper

146 100

111 42.3 20.8 62.4

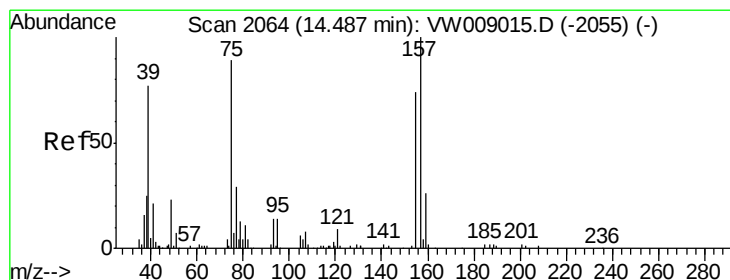
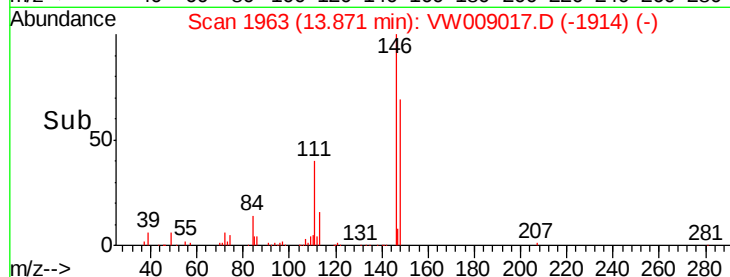
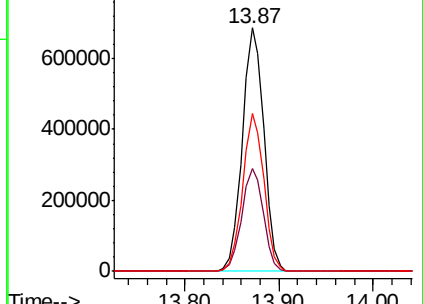
148 63.7 31.8 95.3



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: 158.060 ug/l

RT: 14.49 min Scan# 2064

Delta R.T. 0.00 min

Lab File: VW009017.D

Acq: 06 Mar 2019 12:59

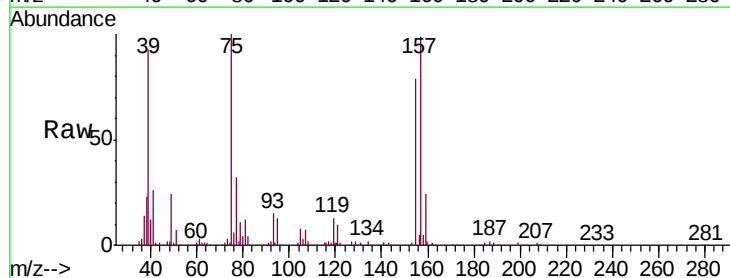
Tgt Ion: 75 Resp: 75439

Ion Ratio Lower Upper

75 100

155 80.0 41.4 124.4

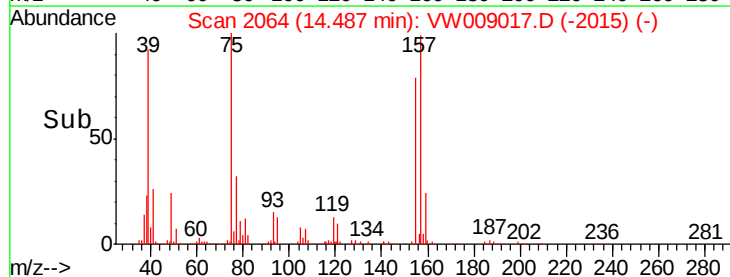
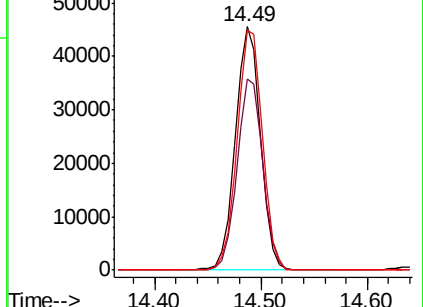
157 99.6 53.1 159.4

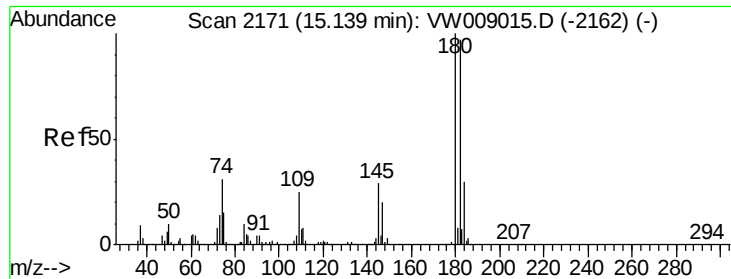


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

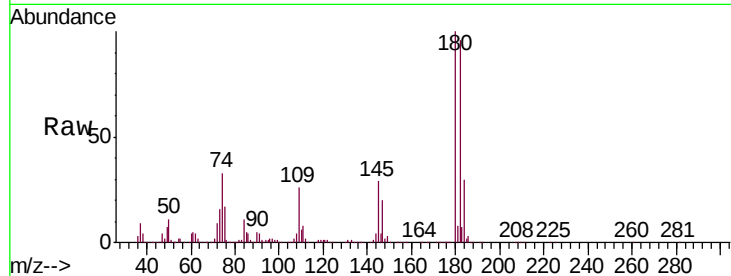




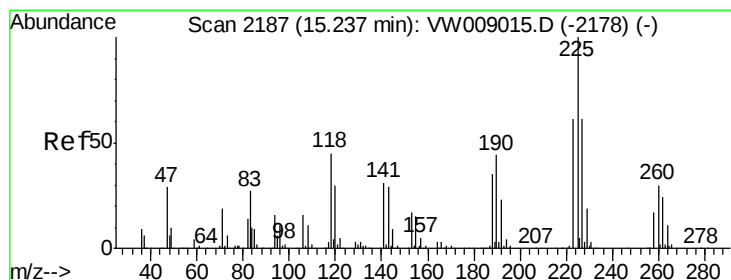
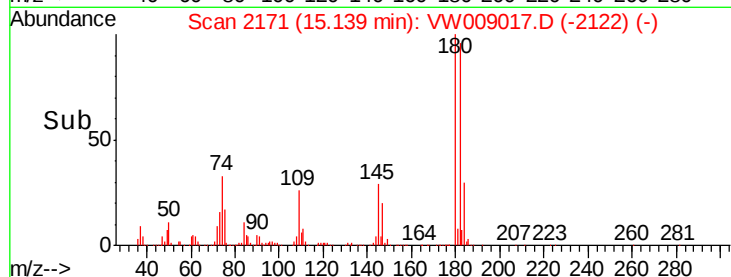
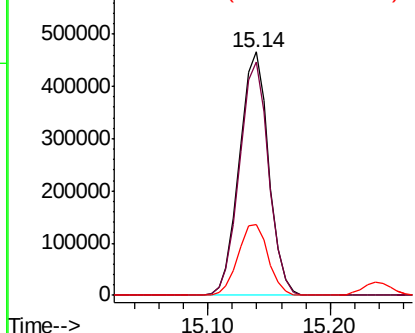
#93
 1,2,4-Trichlorobenzene
 Concen: 158.604 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. 0.00 min
 Lab File: VW009017.D
 Acq: 06 Mar 2019 12:59

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

Tgt Ion:180 Resp: 770973
 Ion Ratio Lower Upper
 180 100
 182 95.4 47.6 142.9
 145 30.0 14.7 44.1

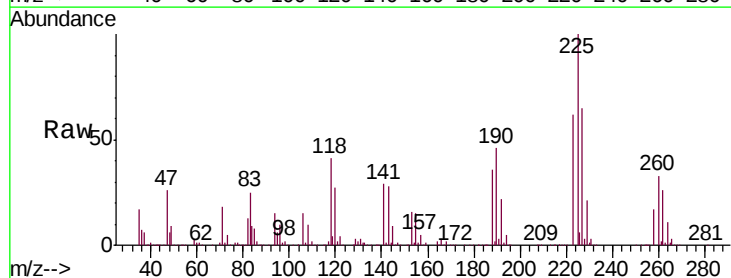


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

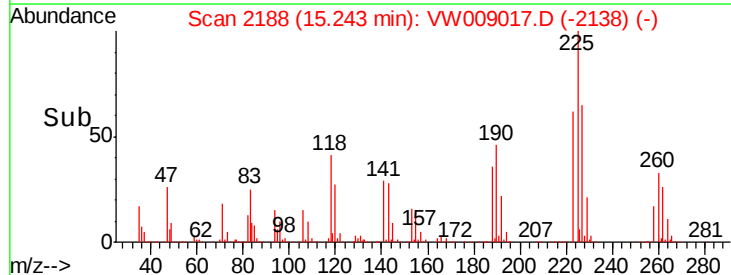
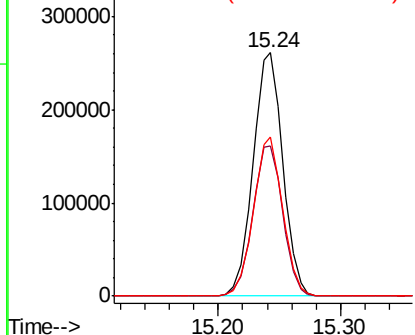


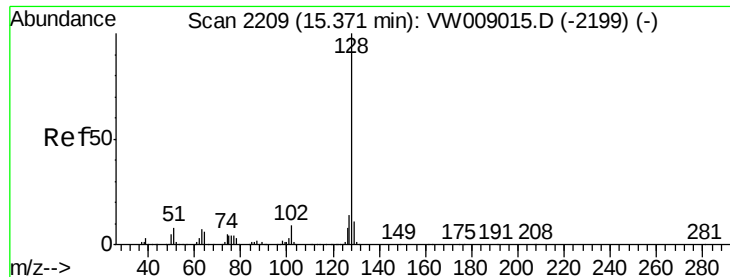
#94
 Hexachlorobutadiene
 Concen: 142.815 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. 0.01 min
 Lab File: VW009017.D
 Acq: 06 Mar 2019 12:59

Tgt Ion:225 Resp: 441267
 Ion Ratio Lower Upper
 225 100
 223 62.5 30.6 91.8
 227 64.1 31.2 93.6



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





#95

Naphthalene

Concen: 175.928 ug/l

RT: 15.37 min Scan# 2209

Delta R.T. 0.00 min

Lab File: VW009017.D

Acq: 06 Mar 2019 12:59

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

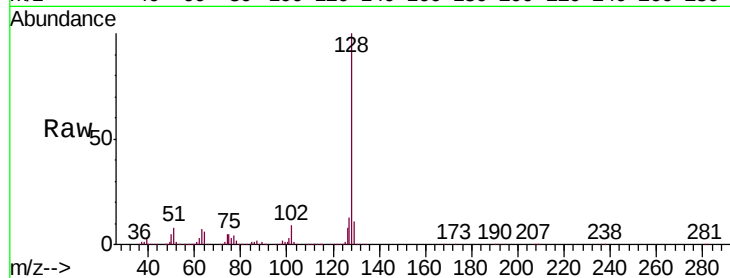
Tgt Ion:128 Resp: 1386589

Ion Ratio Lower Upper

128 100

127 13.6 11.0 16.4

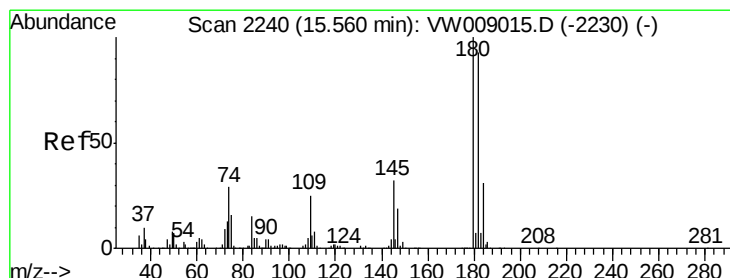
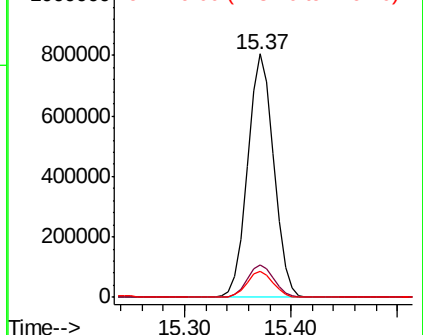
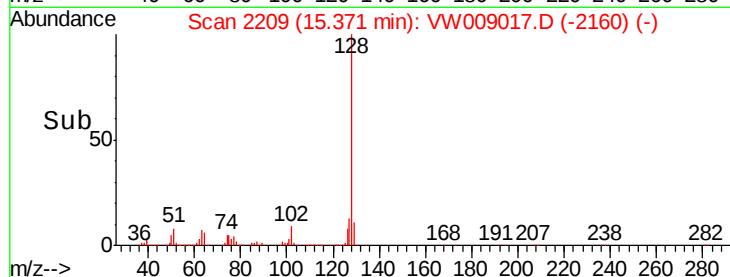
129 10.8 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 157.101 ug/l

RT: 15.56 min Scan# 2240

Delta R.T. 0.00 min

Lab File: VW009017.D

Acq: 06 Mar 2019 12:59

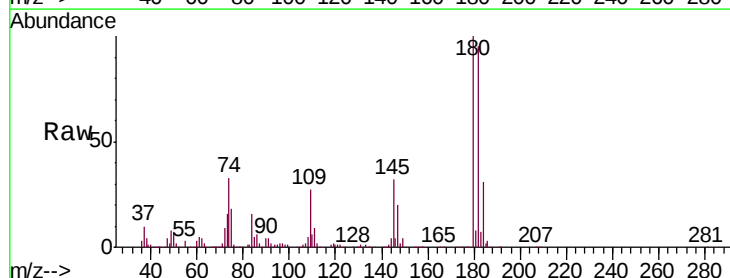
Tgt Ion:180 Resp: 661187

Ion Ratio Lower Upper

180 100

182 95.7 47.3 141.8

145 32.2 15.4 46.2



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

