

Data File : VW009016.D
Acq On : 06 Mar 2019 12:34
Operator : SY/VA
Sample : VSTDICC100
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC100

Quant Time: Mar 07 07:01:48 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	306069	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	445550	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	439605	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	245884	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	318727	103.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	207.60%	
35) Dibromofluoromethane	7.88	113	279172	104.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	208.18%	
50) Toluene-d8	10.32	98	1144049	103.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	207.58%	
62) 4-Bromofluorobenzene	12.62	95	445384	104.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	209.26%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	275305	90.547	ug/l	99
3) Chloromethane	2.21	50	382396	99.850	ug/l	98
4) Vinyl Chloride	2.36	62	385897	100.553	ug/l	98
5) Bromomethane	2.76	94	330069	97.940	ug/l	97
6) Chloroethane	2.91	64	277897	102.127	ug/l	96
7) Trichlorofluoromethane	3.25	101	488648	98.845	ug/l	100
8) Diethyl Ether	3.68	74	157645	102.157	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.06	101	302624	98.649	ug/l	98
10) Methyl Iodide	4.27	142	367560	126.929	ug/l	99
11) Tert butyl alcohol	5.18	59	100810	448.832	ug/l	100
12) 1,1-Dichloroethene	4.04	96	269106	100.673	ug/l	96
13) Acrolein	3.90	56	120542	478.741	ug/l	100
14) Allyl chloride	4.67	41	490914	106.225	ug/l	98
15) Acrylonitrile	5.37	53	340487	515.374	ug/l	100
16) Acetone	4.13	43	322453	511.549	ug/l	100
17) Carbon Disulfide	4.38	76	933712	104.228	ug/l	98
18) Methyl Acetate	4.67	43	154080	107.166	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	728362	105.257	ug/l	98
20) Methylene Chloride	4.92	84	307538	83.335	ug/l	98
21) trans-1,2-Dichloroethene	5.42	96	312369	102.161	ug/l	94
22) Diisopropyl ether	6.31	45	975518	105.710	ug/l	97
23) Vinyl Acetate	6.26	43	3087282	537.145	ug/l	98
24) 1,1-Dichloroethane	6.21	63	552466	102.961	ug/l	97
25) 2-Butanone	7.17	43	466119	519.532	ug/l	99
26) 2,2-Dichloropropane	7.17	77	483862	98.580	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	337303	104.789	ug/l	100
28) Bromochloromethane	7.51	49	238076	102.213	ug/l	98
29) Tetrahydrofuran	7.53	42	301410	534.748	ug/l	99
30) Chloroform	7.67	83	573944	104.472	ug/l	100
31) Cyclohexane	7.95	56	504091	91.354	ug/l	97
32) 1,1,1-Trichloroethane	7.87	97	505567	100.191	ug/l	99
36) 1,1-Dichloropropene	8.08	75	435146	98.222	ug/l	100
37) Ethyl Acetate	7.25	43	200682	102.412	ug/l	98
38) Carbon Tetrachloride	8.07	117	456389	99.548	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	546272	102.071	ug/l	97
40) Benzene	8.32	78	1194568	99.968	ug/l	98
41) Methacrylonitrile	7.48	41	119674	102.962	ug/l	94
42) 1,2-Dichloroethane	8.40	62	392637	102.375	ug/l	99
43) Isopropyl Acetate	8.43	43	407493	105.785	ug/l	99
44) Trichloroethene	9.09	130	325245	97.615	ug/l	96
45) 1,2-Dichloropropane	9.37	63	297358	100.378	ug/l	97
46) Dibromomethane	9.46	93	167982	102.786	ug/l	98
47) Bromodichloromethane	9.64	83	419658	102.431	ug/l	98
48) Methyl methacrylate	9.43	41	196539	107.976	ug/l	96
49) 1,4-Dioxane	9.46	88	40323	1804.859	ug/l #	92
51) 4-Methyl-2-Pentanone	10.21	43	1043921	535.903	ug/l	100
52) Toluene	10.39	92	827355	102.562	ug/l	100
53) t-1,3-Dichloropropene	10.60	75	437194	107.575	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	488300	105.248	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	222989	100.458	ug/l	96
56) Ethyl methacrylate	10.65	69	306604	111.667	ug/l	97
57) 1,3-Dichloropropane	10.93	76	395912	101.427	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.92	63	781576	536.449	ug/l	99
59) 2-Hexanone	10.97	43	743597	543.000	ug/l	99
60) Dibromochloromethane	11.13	129	285361	105.842	ug/l	99
61) 1,2-Dibromoethane	11.23	107	219876	104.509	ug/l	98
64) Tetrachloroethene	10.86	164	297630	98.056	ug/l	95
65) Chlorobenzene	11.66	112	914863	100.263	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	313876	102.428	ug/l	99
67) Ethyl Benzene	11.73	91	1711888	103.475	ug/l	100
68) m/p-Xylenes	11.84	106	1358538	208.110	ug/l	100
69) o-Xylene	12.16	106	638632	104.797	ug/l	98
70) Styrene	12.18	104	1066896	108.072	ug/l	99
71) Bromoform	12.35	173	174368	106.795	ug/l	97
73) Isopropylbenzene	12.46	105	1781056	105.824	ug/l	100
74) N-amyl acetate	12.27	43	453389	113.152	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	270212	102.933	ug/l	97
76) 1,2,3-Trichloropropane	12.77	75	387349	145.760	ug/l #	100
77) Bromobenzene	12.75	156	391818	102.837	ug/l	97
78) n-propylbenzene	12.80	91	2185736	105.785	ug/l	99
79) 2-Chlorotoluene	12.90	91	1218039	104.404	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	1536957	106.408	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	88995	110.688	ug/l	98
82) 4-Chlorotoluene	12.99	91	1304845	105.148	ug/l	99
83) tert-Butylbenzene	13.21	119	1307996	105.098	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	1571387	106.269	ug/l	100
85) sec-Butylbenzene	13.38	105	1907941	105.091	ug/l	100
86) p-Isopropyltoluene	13.50	119	1757408	107.544	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	834046	102.253	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	817467	101.047	ug/l	99
89) n-Butylbenzene	13.83	91	1666036	107.688	ug/l	100
90) Hexachloroethane	14.10	117	291716	104.202	ug/l	100
91) 1,2-Dichlorobenzene	13.87	146	724324	101.496	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	48117	100.284	ug/l	99

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

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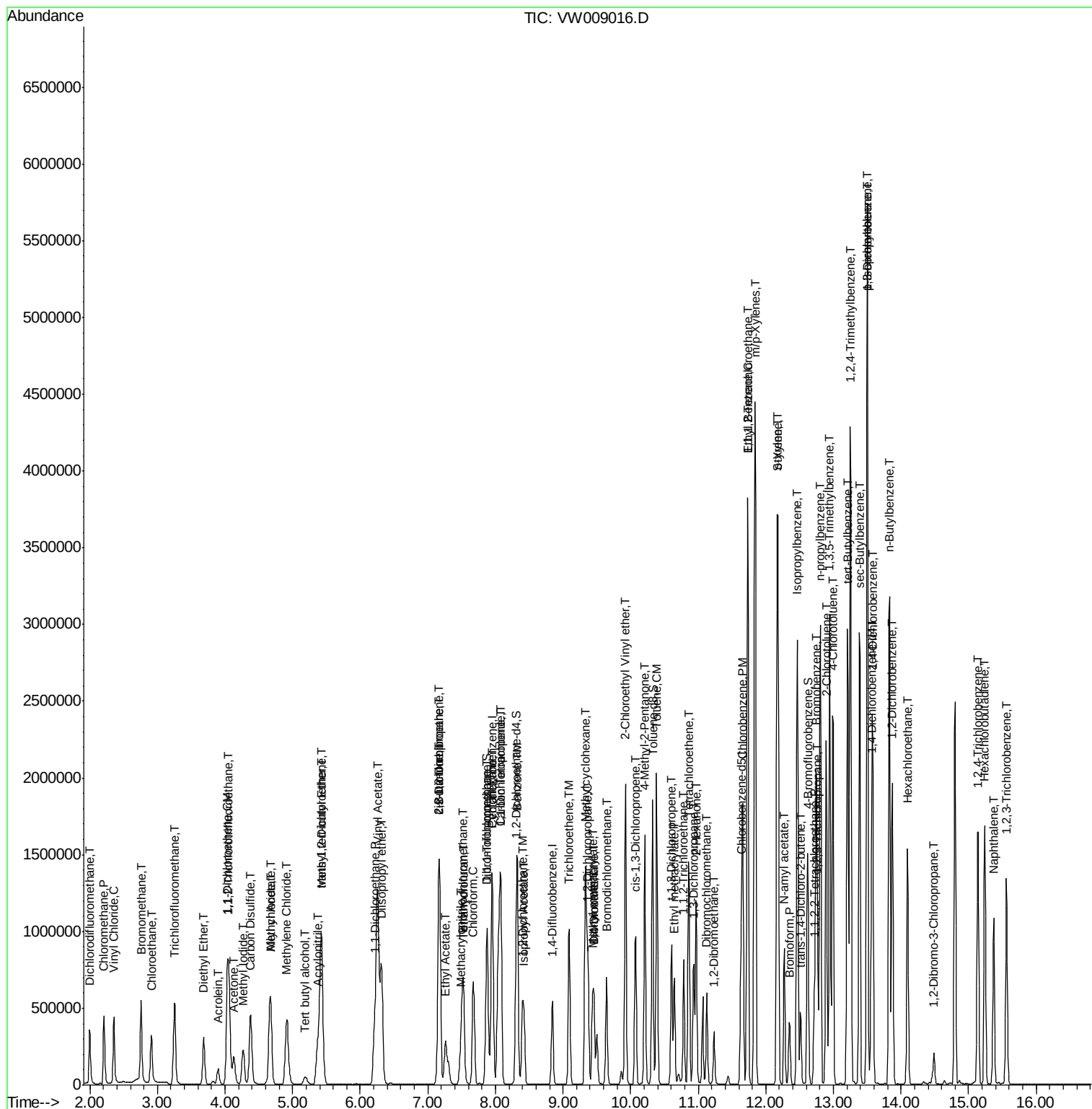
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	503950	103.126	ug/l	99
94) Hexachlorobutadiene	15.24	225	301066	96.926	ug/l	98
95) Naphthalene	15.37	128	877514	110.751	ug/l	99
96) 1,2,3-Trichlorobenzene	15.56	180	426271	100.750	ug/l	98

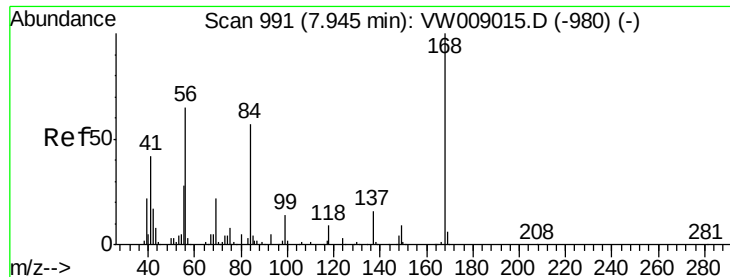
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

Quant Time: Mar 07 07:01:48 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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. 0.00 min

Lab File: VW009016.D

Acq: 06 Mar 2019 12:34

Instrument :

MSVOA_W

ClientSampleId :

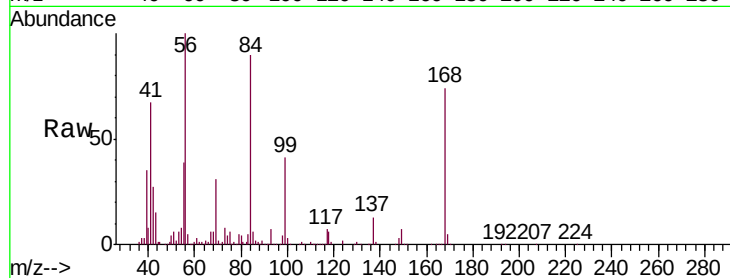
VSTDIC100

Tgt Ion:168 Resp: 306069

Ion Ratio Lower Upper

168 100

99 55.3 43.5 65.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

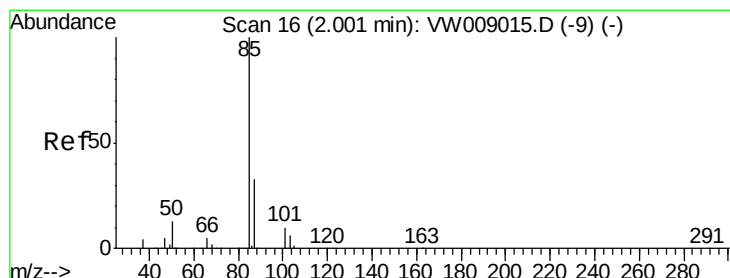
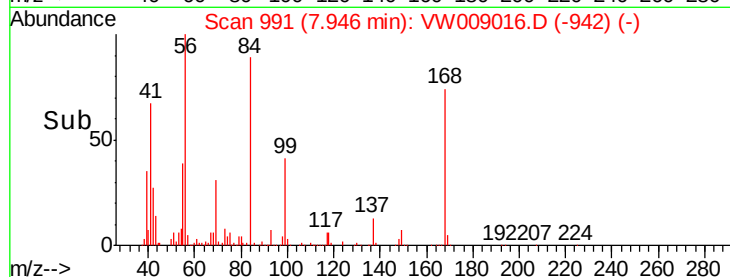
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 90.547 ug/l

RT: 2.00 min Scan# 15

Delta R.T. -0.01 min

Lab File: VW009016.D

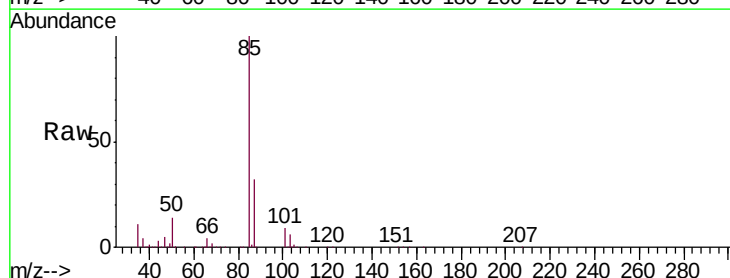
Acq: 06 Mar 2019 12:34

Tgt Ion: 85 Resp: 275305

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

2.00

200000

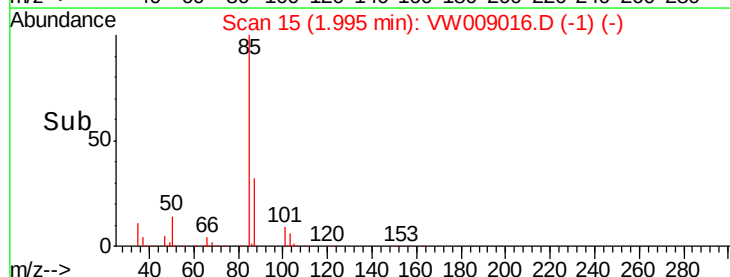
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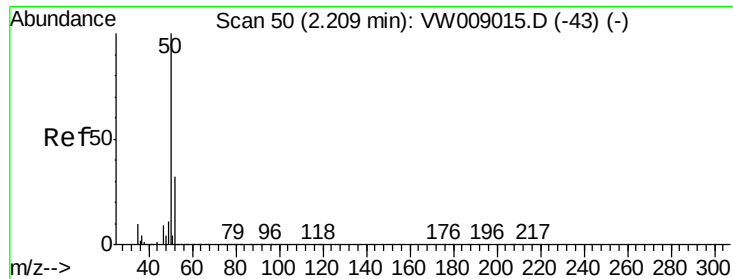
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50000

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Time-->





#3

Chloromethane

Concen: 99.850 ug/l

RT: 2.21 min Scan# 50

Delta R.T. 0.00 min

Lab File: VW009016.D

Acq: 06 Mar 2019 12:34

Instrument :

MSVOA_W

ClientSampled :

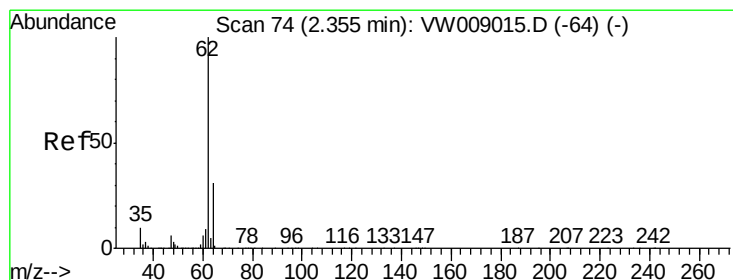
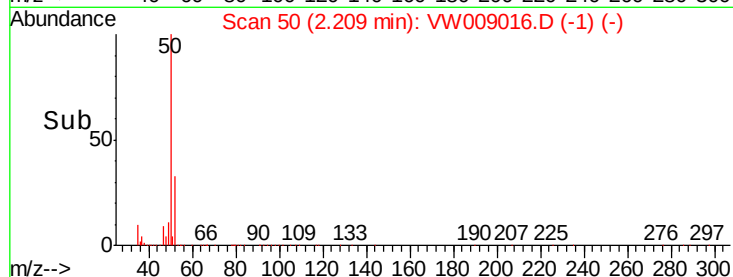
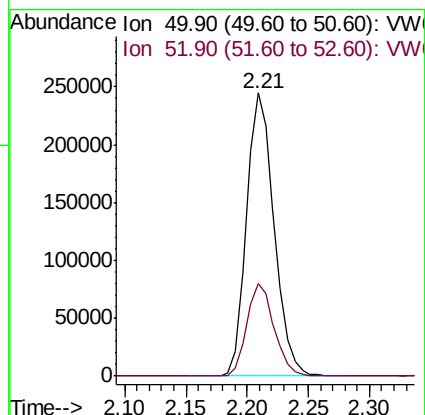
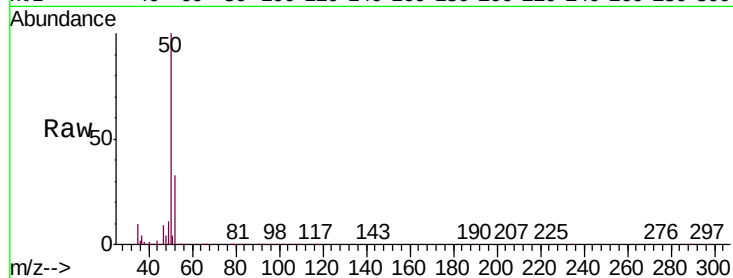
VSTDIC100

Tgt Ion: 50 Resp: 382396

Ion Ratio Lower Upper

50 100

52 32.5 25.3 37.9



#4

Vinyl Chloride

Concen: 100.553 ug/l

RT: 2.36 min Scan# 74

Delta R.T. 0.00 min

Lab File: VW009016.D

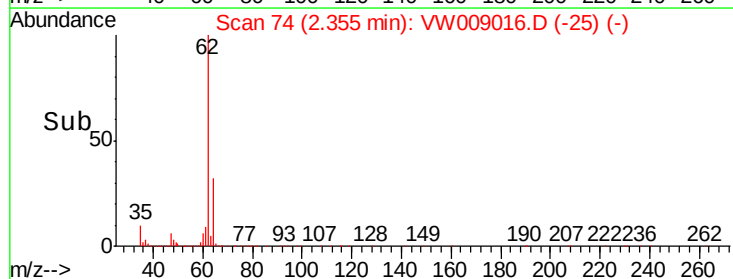
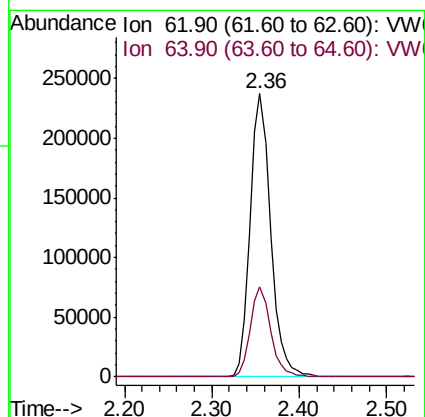
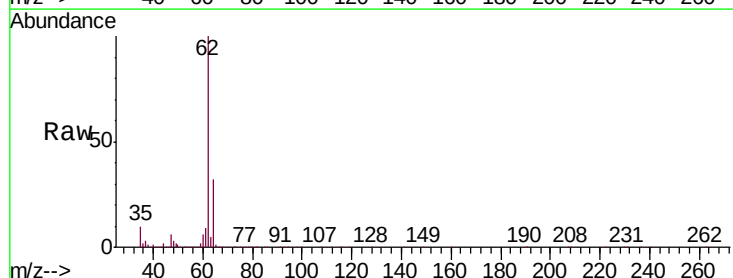
Acq: 06 Mar 2019 12:34

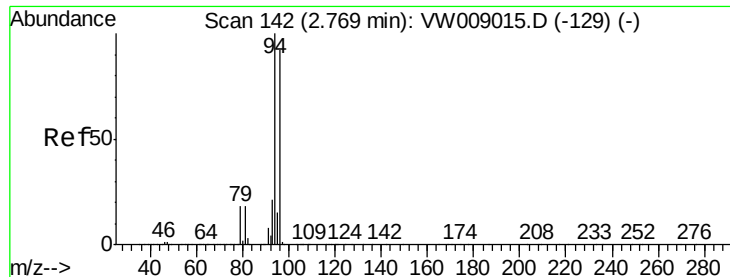
Tgt Ion: 62 Resp: 385897

Ion Ratio Lower Upper

62 100

64 31.6 24.6 36.8





#5

Bromomethane

Concen: 97.940 ug/l

RT: 2.76 min Scan# 140

Delta R.T. -0.01 min

Lab File: VW009016.D

Acq: 06 Mar 2019 12:34

Instrument :

MSVOA_W

ClientSampleId :

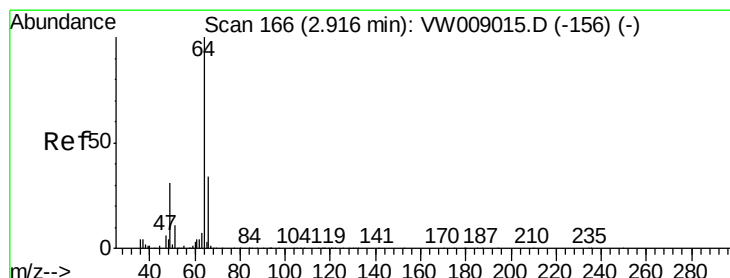
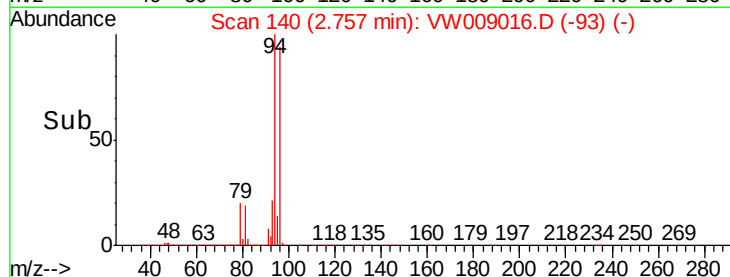
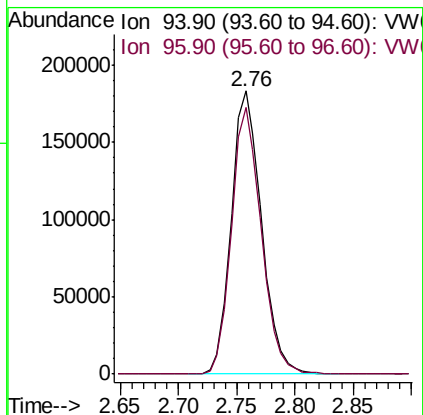
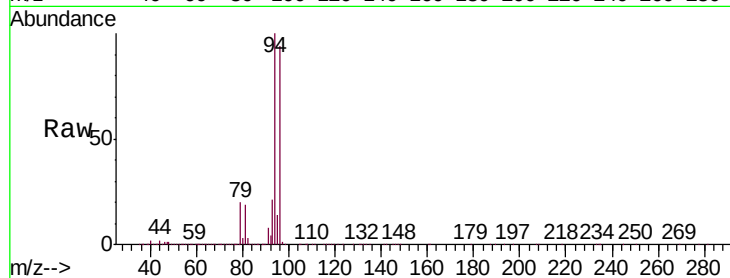
VSTDIC100

Tgt Ion: 94 Resp: 330069

Ion Ratio Lower Upper

94 100

96 94.2 73.4 110.0



#6

Chloroethane

Concen: 102.127 ug/l

RT: 2.91 min Scan# 165

Delta R.T. -0.01 min

Lab File: VW009016.D

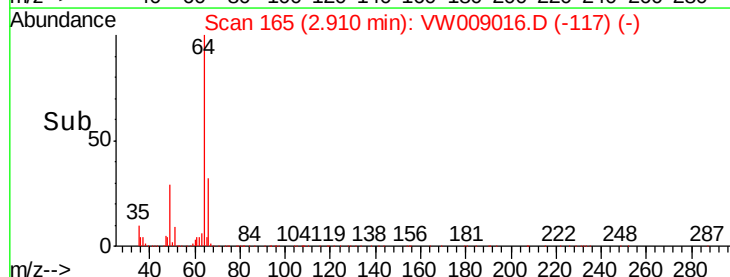
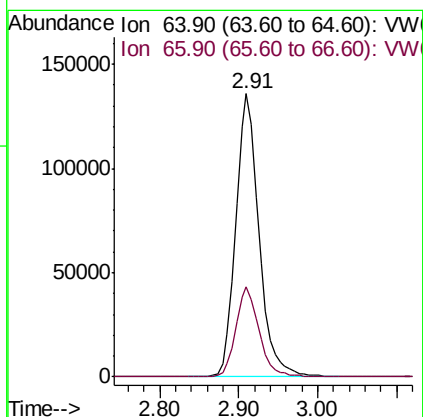
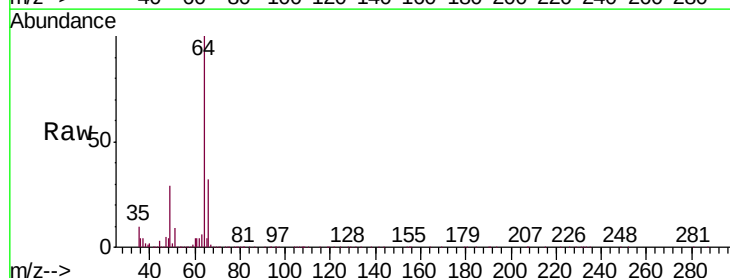
Acq: 06 Mar 2019 12:34

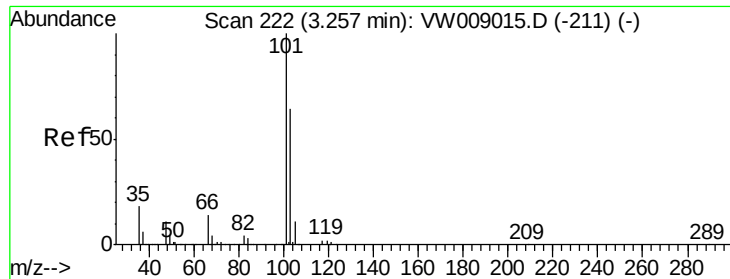
Tgt Ion: 64 Resp: 277897

Ion Ratio Lower Upper

64 100

66 31.7 27.2 40.8



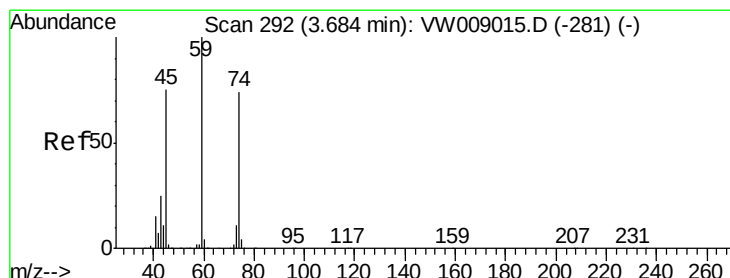
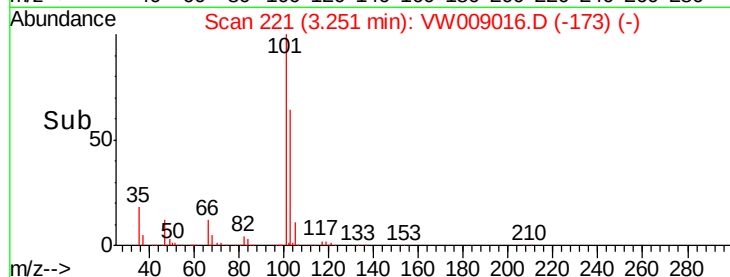
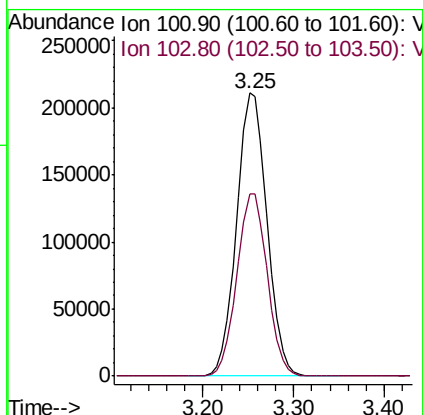
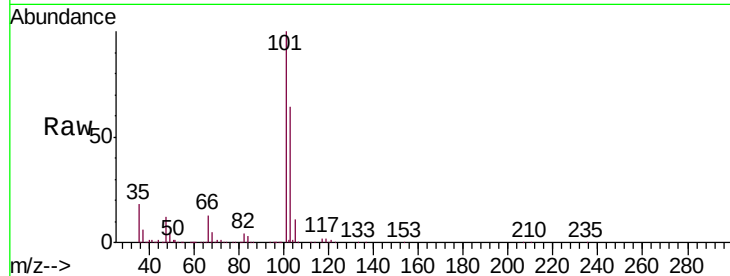


#7

Trichlorofluoromethane
 Concen: 98.845 ug/l
 RT: 3.25 min Scan# 221
 Delta R.T. -0.01 min
 Lab File: VW009016.D
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Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

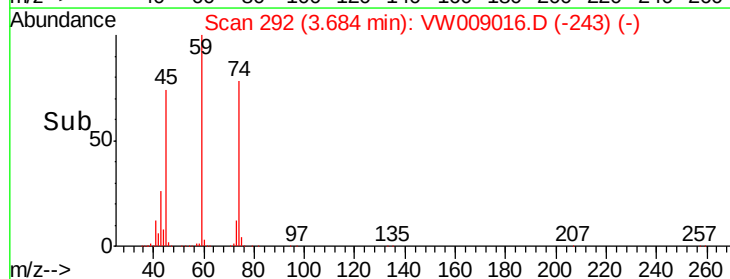
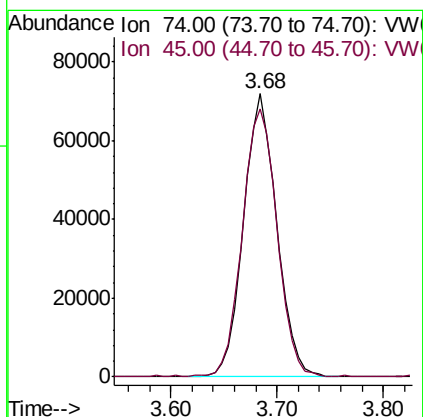
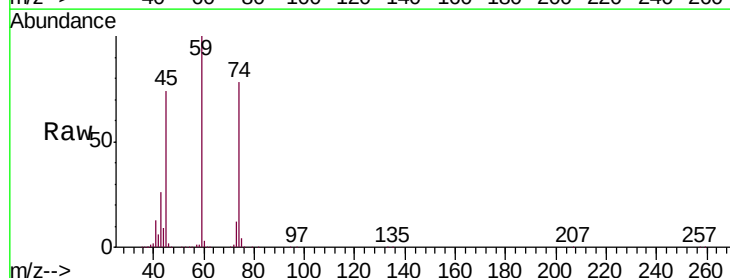
Tgt Ion: 101 Resp: 488648
 Ion Ratio Lower Upper
 101 100
 103 64.2 51.1 76.7

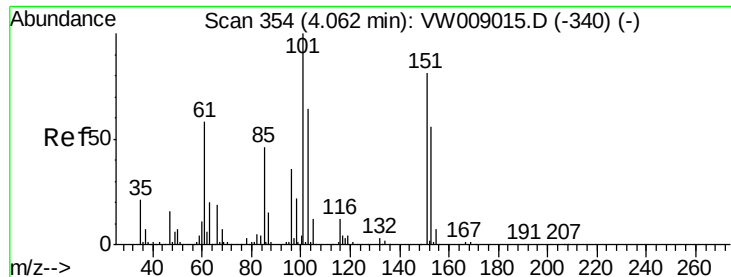


#8

Diethyl Ether
 Concen: 102.157 ug/l
 RT: 3.68 min Scan# 292
 Delta R.T. 0.00 min
 Lab File: VW009016.D
 Acq: 06 Mar 2019 12:34

Tgt Ion: 74 Resp: 157645
 Ion Ratio Lower Upper
 74 100
 45 98.6 48.8 146.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 98.649 ug/l

RT: 4.06 min Scan# 353

Delta R.T. -0.01 min

Lab File: VW009016.D

Acq: 06 Mar 2019 12:34

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

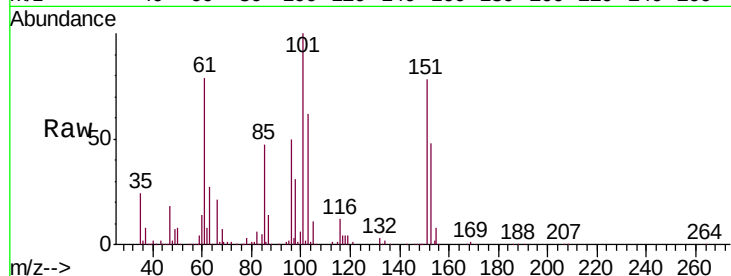
Tgt Ion:101 Resp: 302624

Ion Ratio Lower Upper

101 100

85 45.8 36.6 55.0

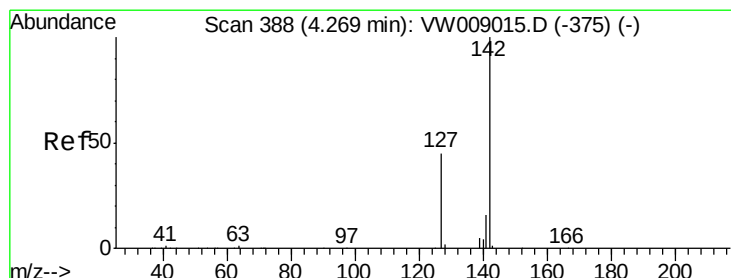
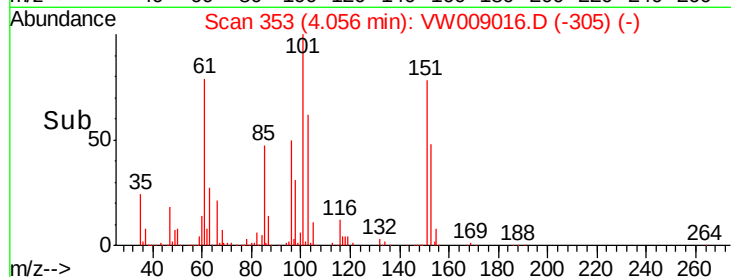
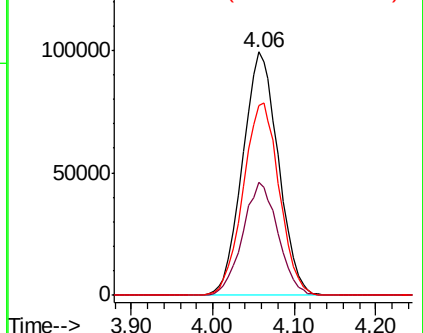
151 79.9 66.0 99.0



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: 126.929 ug/l

RT: 4.27 min Scan# 388

Delta R.T. 0.00 min

Lab File: VW009016.D

Acq: 06 Mar 2019 12:34

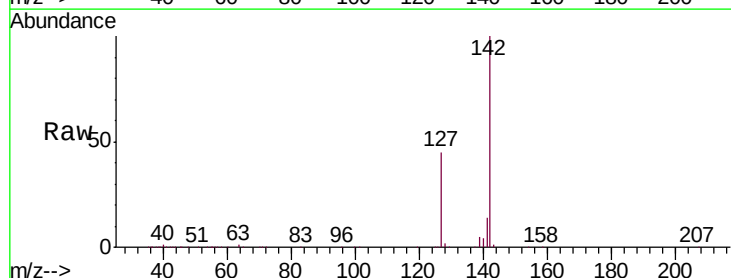
Tgt Ion:142 Resp: 367560

Ion Ratio Lower Upper

142 100

127 44.6 36.2 54.2

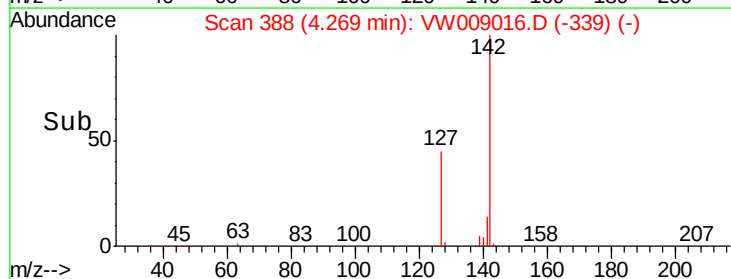
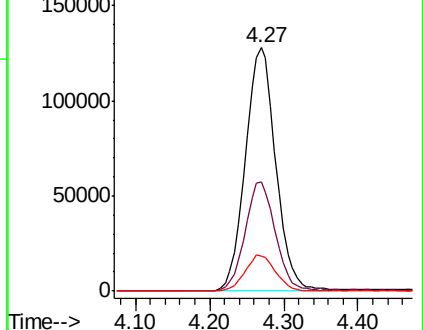
141 14.7 12.3 18.5

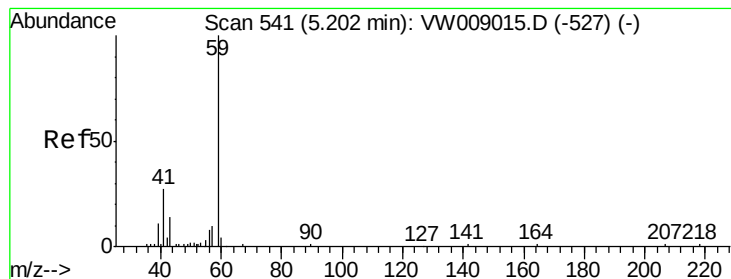


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



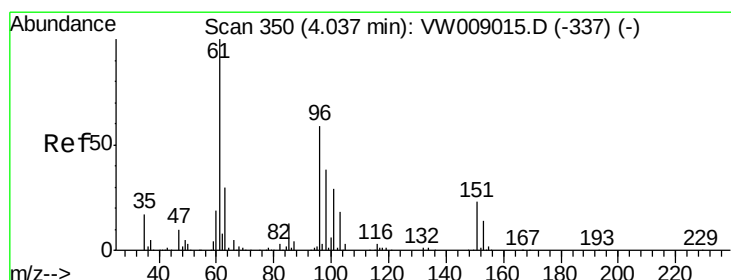
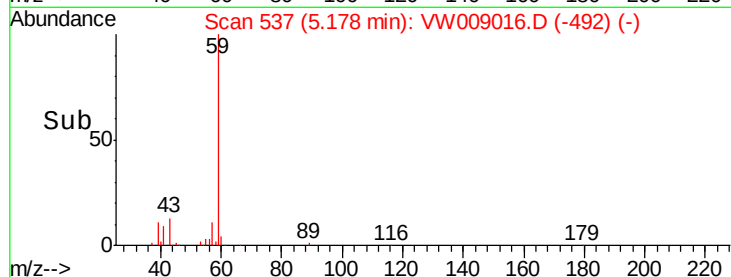
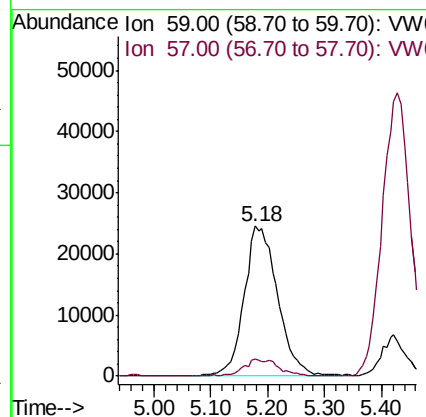
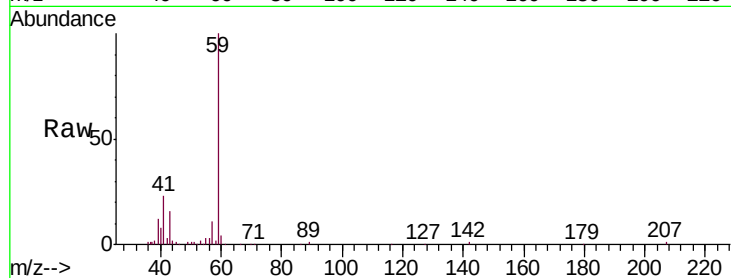


#11

Tert butyl alcohol
Concen: 448.832 ug/l
RT: 5.18 min Scan# 537
Delta R.T. -0.02 min
Lab File: VW009016.D
Acq: 06 Mar 2019 12:34

Instrument :
MSVOA_W
ClientSampled :
VSTDIC100

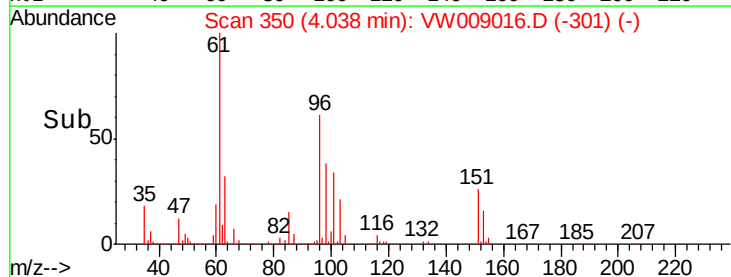
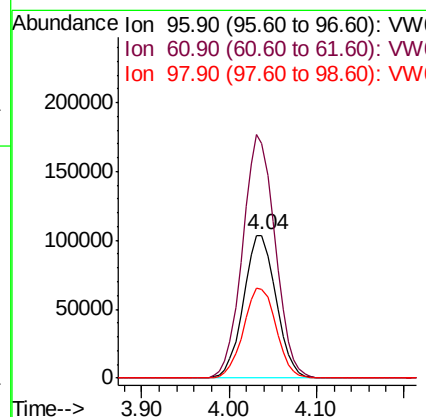
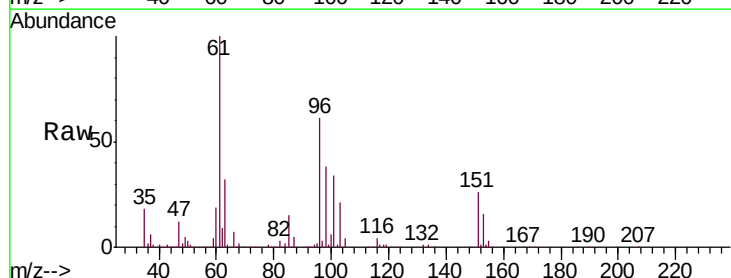
Tgt Ion: 59 Resp: 100810
Ion Ratio Lower Upper
59 100
57 11.4 9.0 13.6

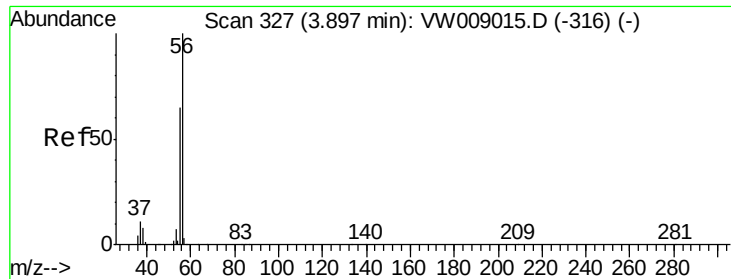


#12

1,1-Dichloroethene
Concen: 100.673 ug/l
RT: 4.04 min Scan# 350
Delta R.T. 0.00 min
Lab File: VW009016.D
Acq: 06 Mar 2019 12:34

Tgt Ion: 96 Resp: 269106
Ion Ratio Lower Upper
96 100
61 164.2 135.8 203.6
98 62.4 51.6 77.4

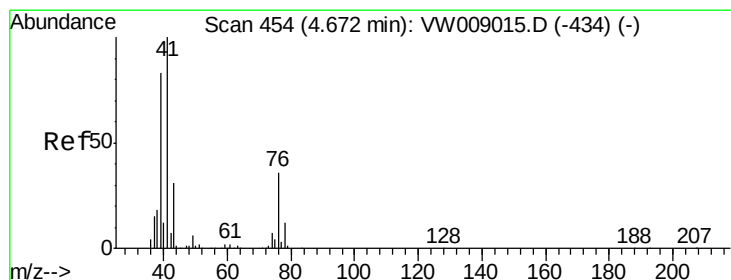
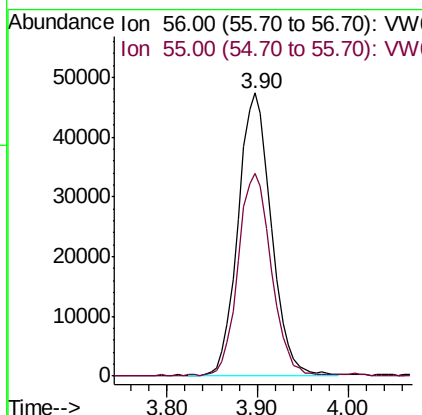
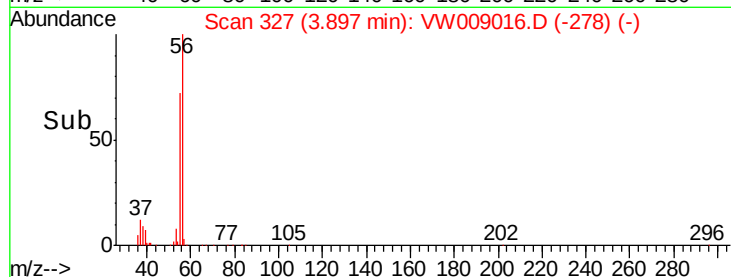
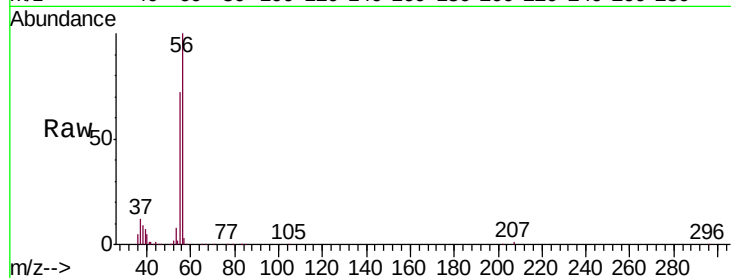




#13
Acrolein
Concen: 478.741 ug/l
RT: 3.90 min Scan# 327
Delta R.T. 0.00 min
Lab File: VW009016.D
Acq: 06 Mar 2019 12:34

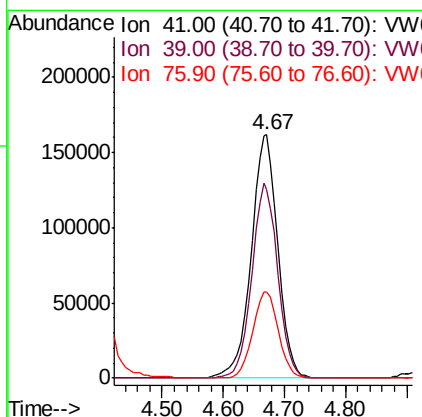
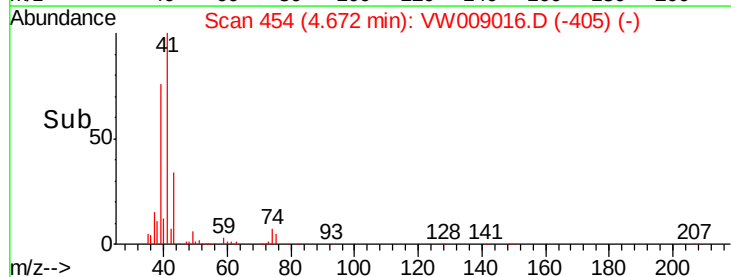
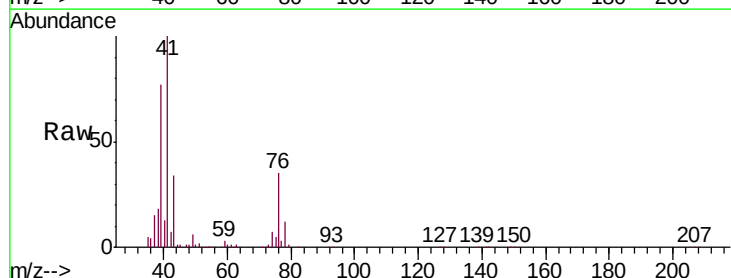
Instrument :
MSVOA_W
ClientSampled :
VSTDIC100

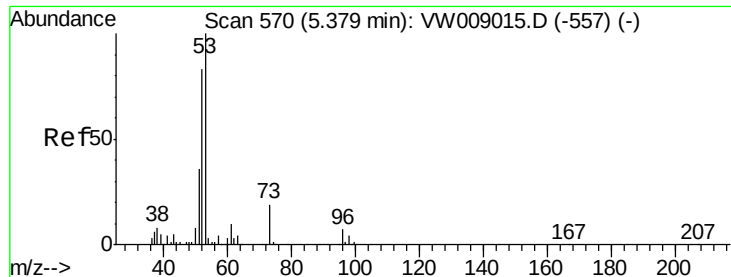
Tgt Ion: 56 Resp: 120542
Ion Ratio Lower Upper
56 100
55 71.0 57.1 85.7



#14
Allyl chloride
Concen: 106.225 ug/l
RT: 4.67 min Scan# 454
Delta R.T. 0.00 min
Lab File: VW009016.D
Acq: 06 Mar 2019 12:34

Tgt Ion: 41 Resp: 490914
Ion Ratio Lower Upper
41 100
39 77.9 63.6 95.4
76 34.4 27.9 41.9





#15

Acrylonitrile

Concen: 515.374 ug/l

RT: 5.37 min Scan# 569

Delta R.T. -0.01 min

Lab File: VW009016.D

Acq: 06 Mar 2019 12:34

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

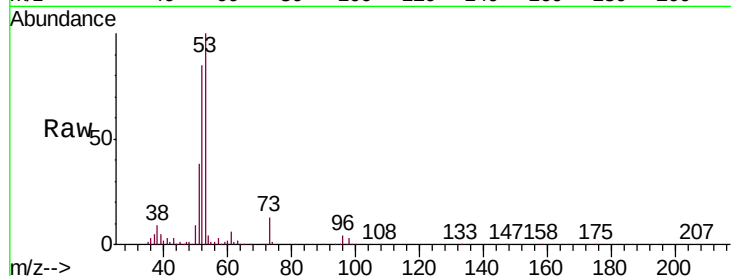
Tgt Ion: 53 Resp: 340487

Ion Ratio Lower Upper

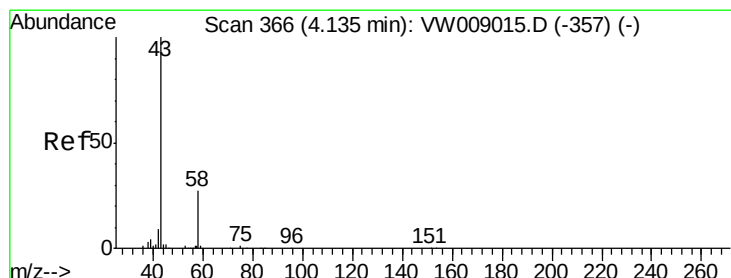
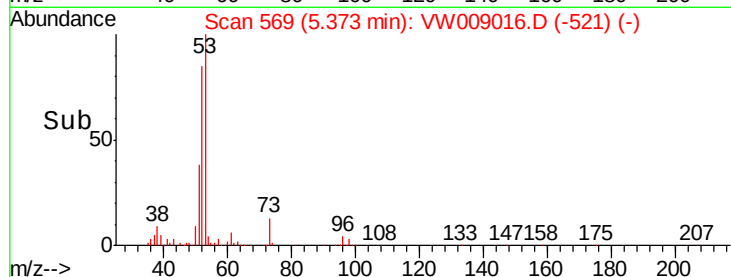
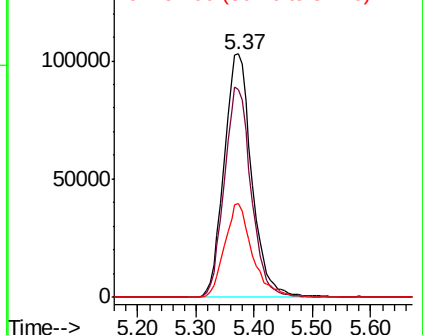
53 100

52 83.4 66.6 100.0

51 38.2 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: 511.549 ug/l

RT: 4.13 min Scan# 365

Delta R.T. -0.01 min

Lab File: VW009016.D

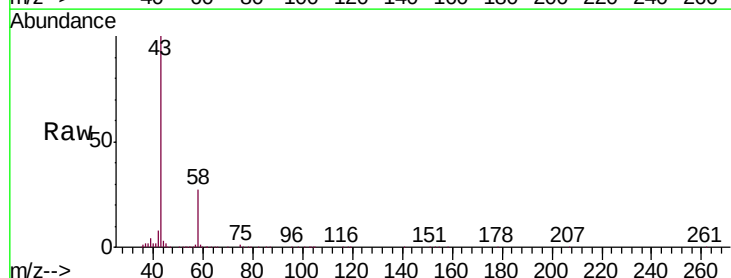
Acq: 06 Mar 2019 12:34

Tgt Ion: 43 Resp: 322453

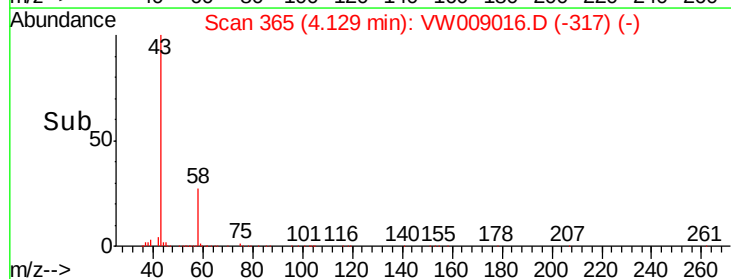
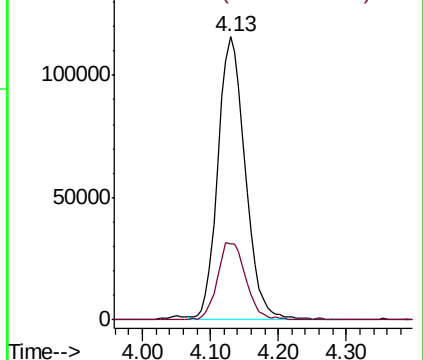
Ion Ratio Lower Upper

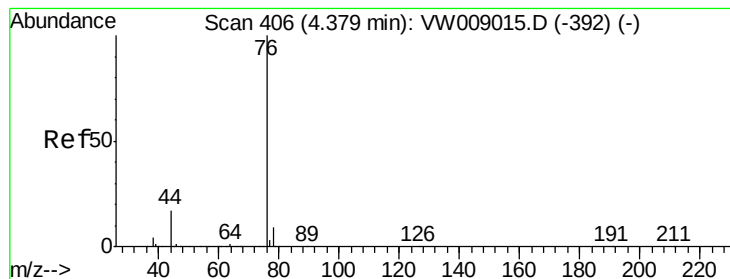
43 100

58 26.8 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: 104.228 ug/l

RT: 4.38 min Scan# 406

Delta R.T. 0.00 min

Lab File: VW009016.D

Acq: 06 Mar 2019 12:34

Instrument :

MSVOA_W

ClientSampleId :

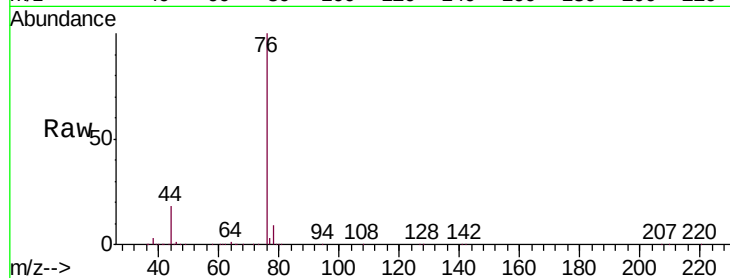
VSTDIC100

Tgt Ion: 76 Resp: 933712

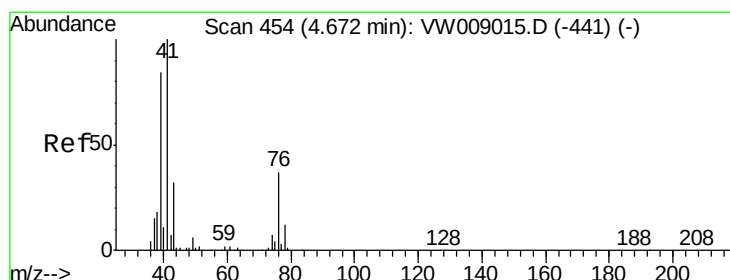
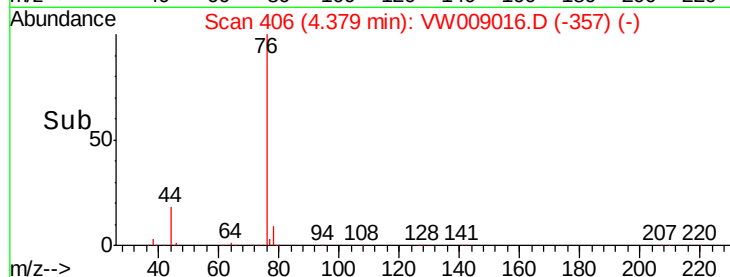
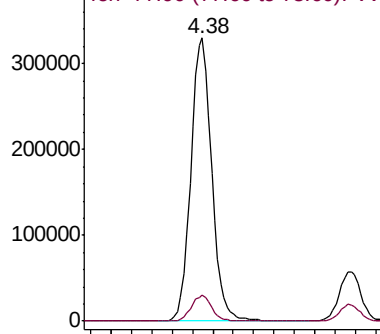
Ion Ratio Lower Upper

76 100

78 9.4 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: 107.166 ug/l

RT: 4.67 min Scan# 454

Delta R.T. 0.00 min

Lab File: VW009016.D

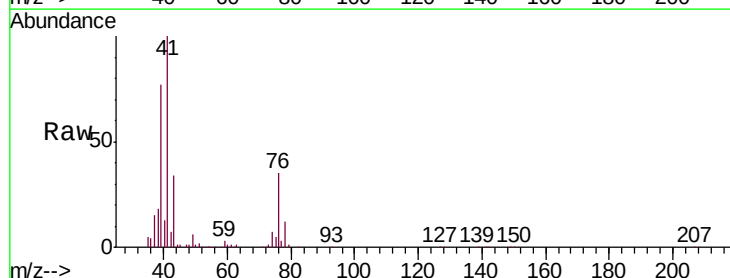
Acq: 06 Mar 2019 12:34

Tgt Ion: 43 Resp: 154080

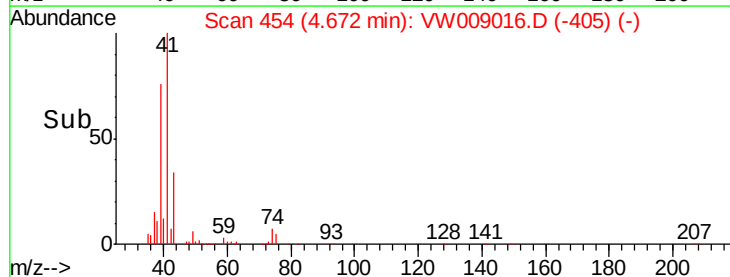
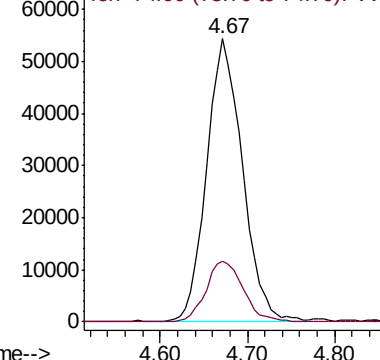
Ion Ratio Lower Upper

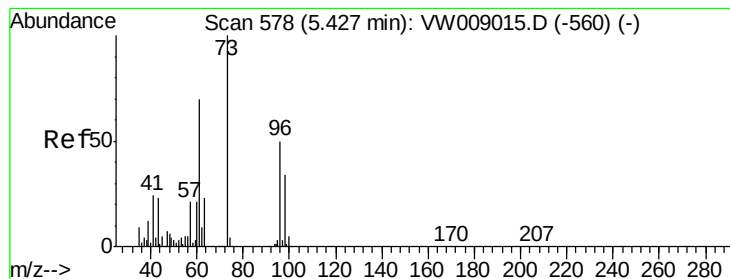
43 100

74 22.5 17.7 26.5



Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 74.00 (73.70 to 74.70): VW



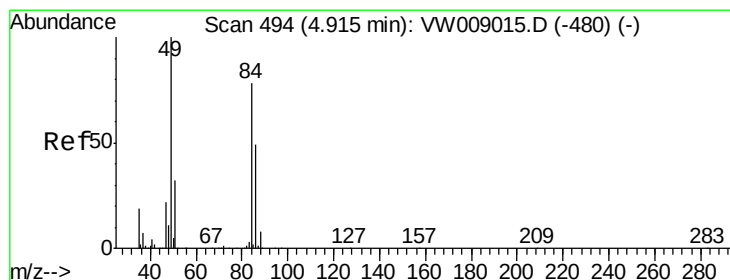
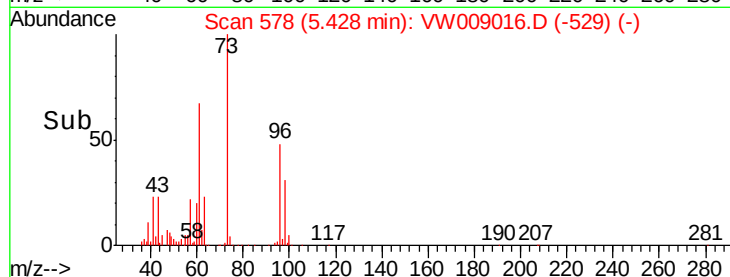
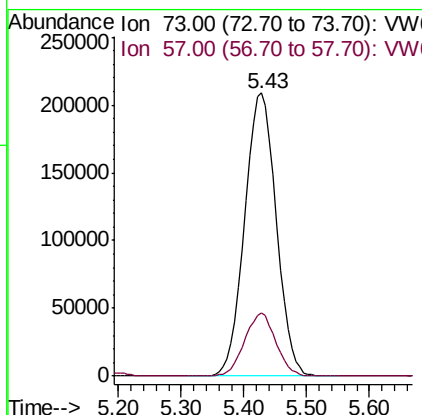
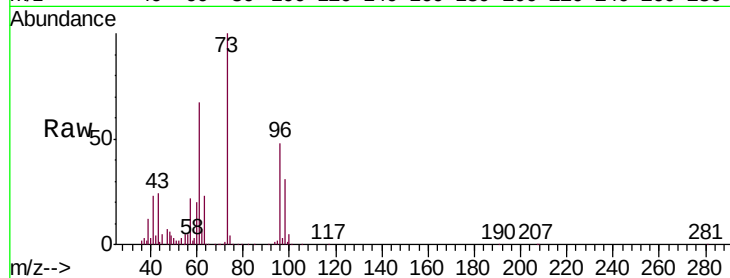


#19

Methyl tert-butyl Ether
 Concen: 105.257 ug/l
 RT: 5.43 min Scan# 578
 Delta R.T. 0.00 min
 Lab File: VW009016.D
 Acq: 06 Mar 2019 12:34

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

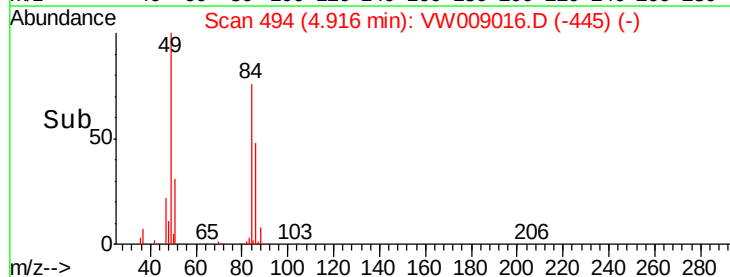
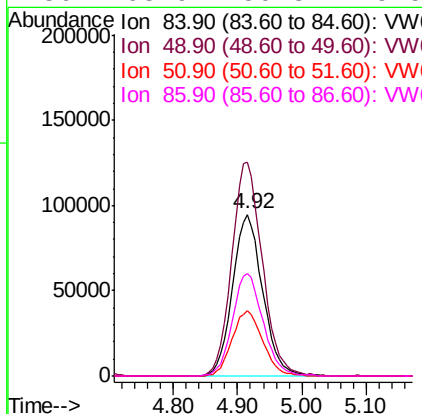
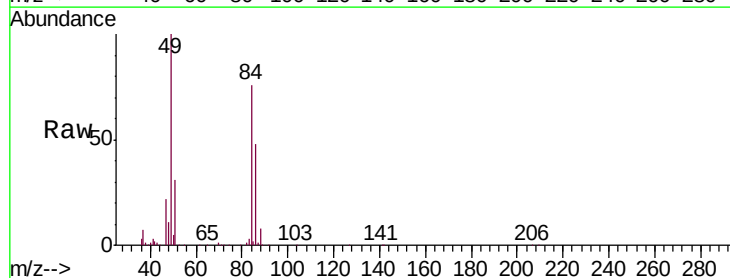
Tgt Ion: 73 Resp: 728362
 Ion Ratio Lower Upper
 73 100
 57 22.1 17.0 25.6

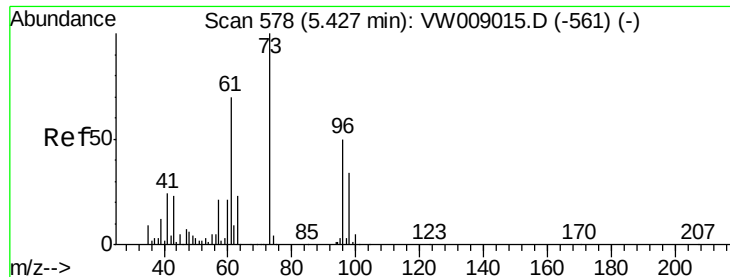


#20

Methylene Chloride
 Concen: 83.335 ug/l
 RT: 4.92 min Scan# 494
 Delta R.T. 0.00 min
 Lab File: VW009016.D
 Acq: 06 Mar 2019 12:34

Tgt Ion: 84 Resp: 307538
 Ion Ratio Lower Upper
 84 100
 49 132.3 102.8 154.2
 51 40.8 32.4 48.6
 86 63.9 50.3 75.5





#21

trans-1,2-Dichloroethene

Concen: 102.161 ug/l

RT: 5.42 min Scan# 577

Delta R.T. -0.01 min

Lab File: VW009016.D

Acq: 06 Mar 2019 12:34

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

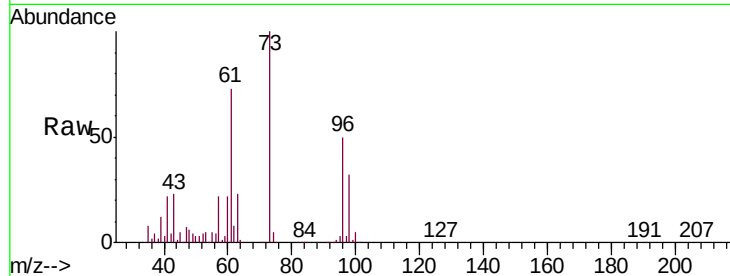
Tgt Ion: 96 Resp: 312369

Ion Ratio Lower Upper

96 100

61 147.3 113.2 169.8

98 63.6 55.7 83.5

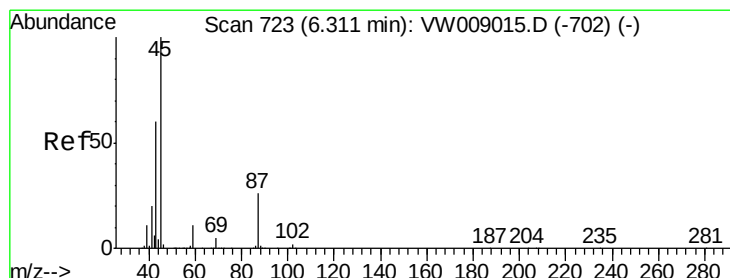
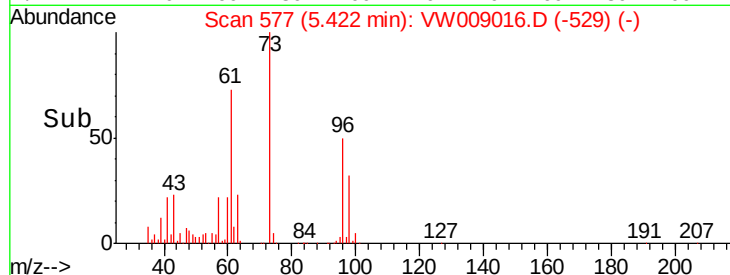
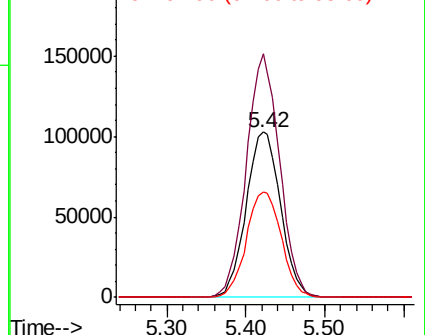


Abundance

Ion 95.90 (95.60 to 96.60): VW

Ion 60.90 (60.60 to 61.60): VW

Ion 97.90 (97.60 to 98.60): VW



#22

Diisopropyl ether

Concen: 105.710 ug/l

RT: 6.31 min Scan# 723

Delta R.T. 0.00 min

Lab File: VW009016.D

Acq: 06 Mar 2019 12:34

Tgt Ion: 45 Resp: 975518

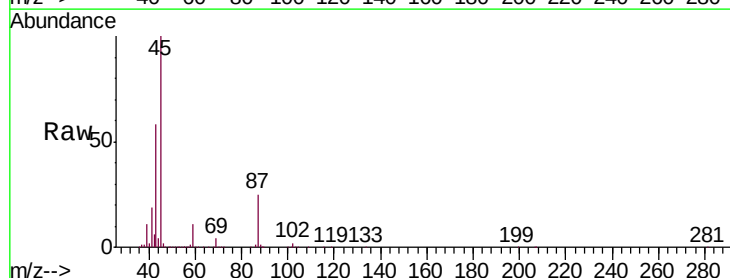
Ion Ratio Lower Upper

45 100

43 57.4 48.1 72.1

87 25.1 20.9 31.3

59 11.0 9.0 13.4



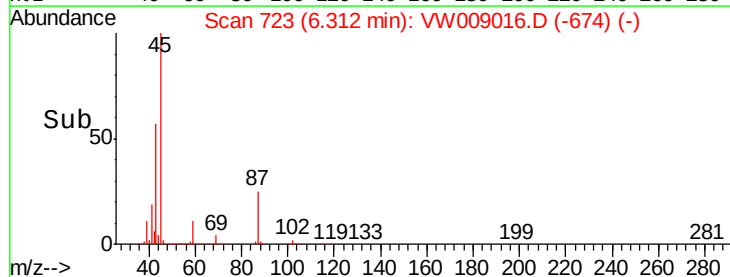
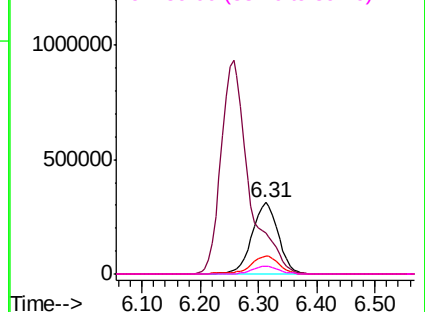
Abundance

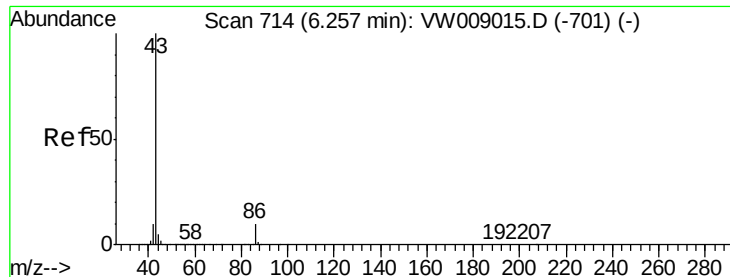
Ion 45.00 (44.70 to 45.70): VW

Ion 43.00 (42.70 to 43.70): VW

Ion 87.00 (86.70 to 87.70): VW

Ion 59.00 (58.70 to 59.70): VW





#23

Vinyl Acetate

Concen: 537.145 ug/l

RT: 6.26 min Scan# 714

Delta R.T. 0.00 min

Lab File: VW009016.D

Acq: 06 Mar 2019 12:34

Instrument :

MSVOA_W

ClientSampled :

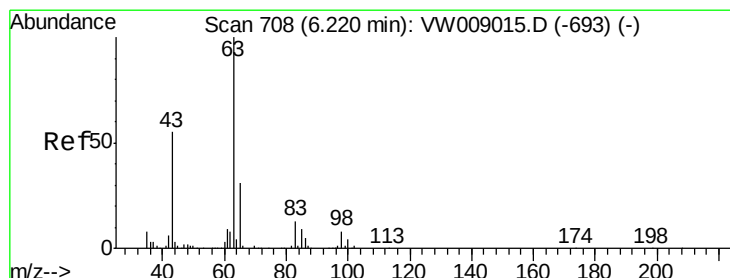
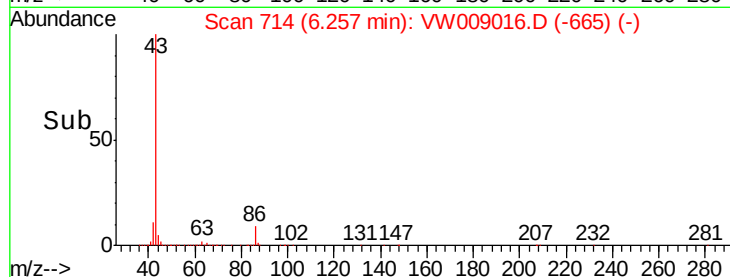
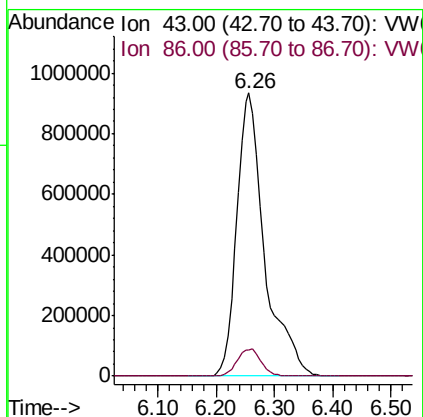
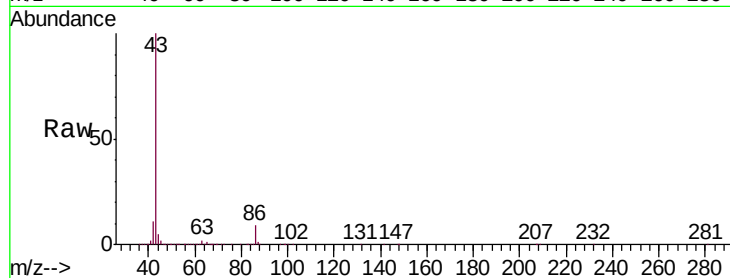
VSTDIC100

Tgt Ion: 43 Resp: 3087282

Ion Ratio Lower Upper

43 100

86 9.4 8.0 12.0



#24

1,1-Dichloroethane

Concen: 102.961 ug/l

RT: 6.21 min Scan# 707

Delta R.T. -0.01 min

Lab File: VW009016.D

Acq: 06 Mar 2019 12:34

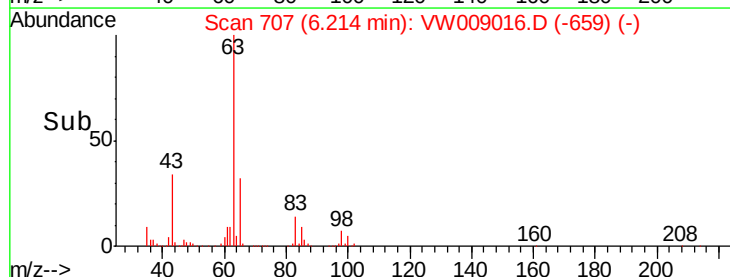
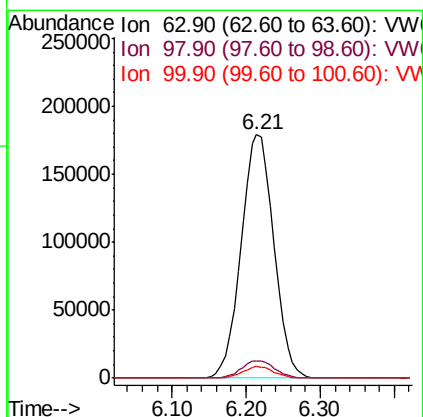
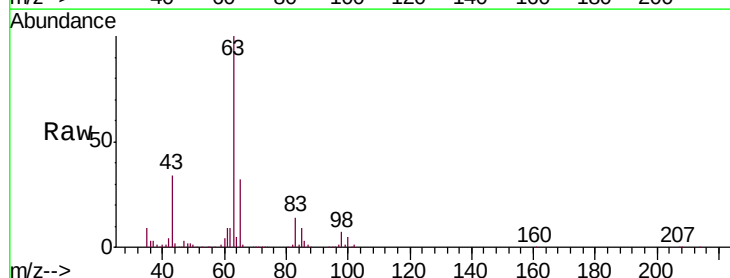
Tgt Ion: 63 Resp: 552466

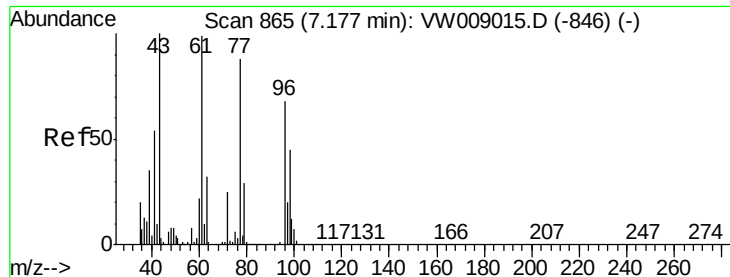
Ion Ratio Lower Upper

63 100

98 7.2 4.0 12.2

100 4.9 2.0 5.8





#25

2-Butanone

Concen: 519.532 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.01 min

Lab File: VW009016.D

Acq: 06 Mar 2019 12:34

Instrument :

MSVOA_W

ClientSampleId :

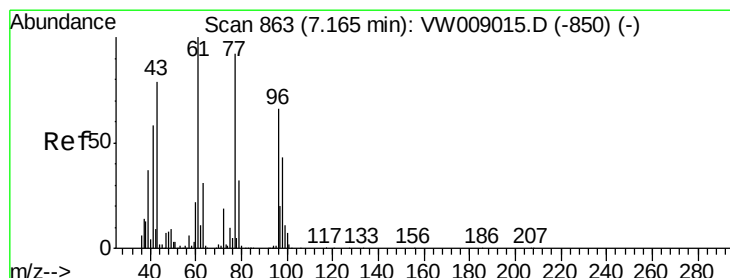
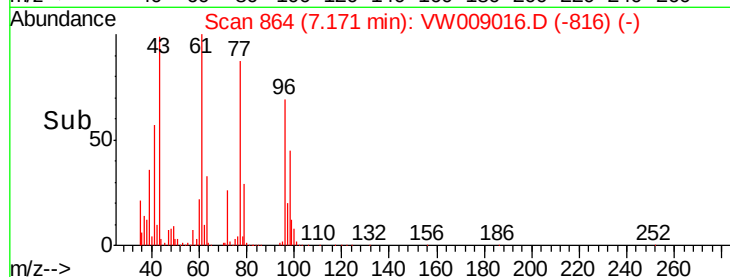
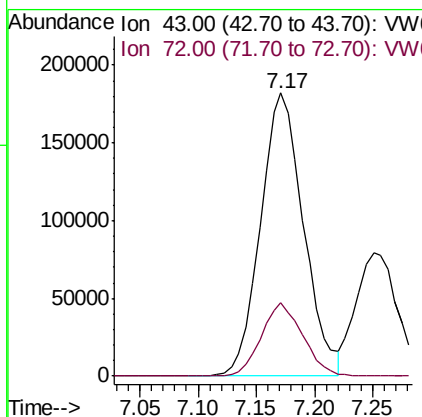
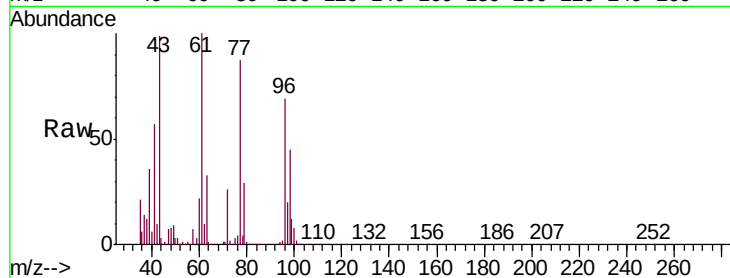
VSTDIC100

Tgt Ion: 43 Resp: 466119

Ion Ratio Lower Upper

43 100

72 25.8 20.2 30.2



#26

2,2-Dichloropropane

Concen: 98.580 ug/l

RT: 7.17 min Scan# 863

Delta R.T. 0.00 min

Lab File: VW009016.D

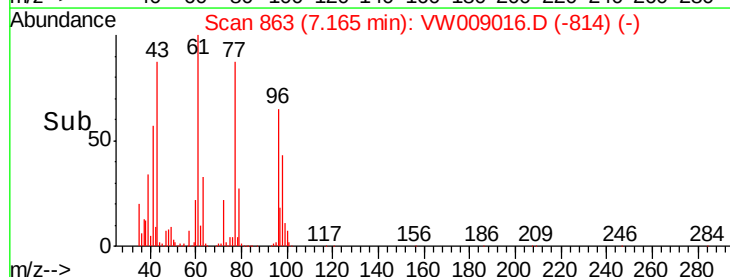
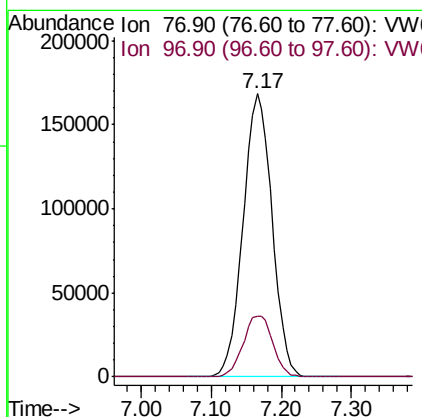
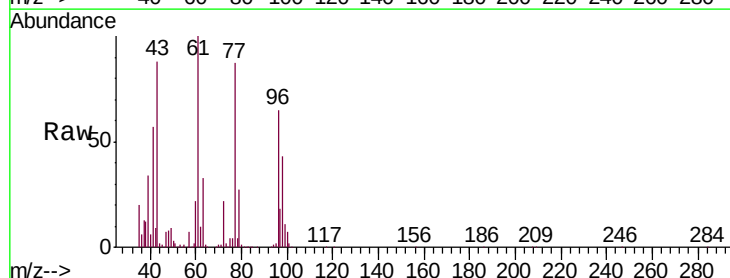
Acq: 06 Mar 2019 12:34

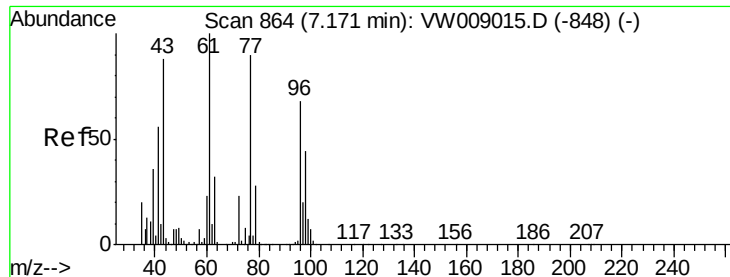
Tgt Ion: 77 Resp: 483862

Ion Ratio Lower Upper

77 100

97 22.0 10.7 32.1



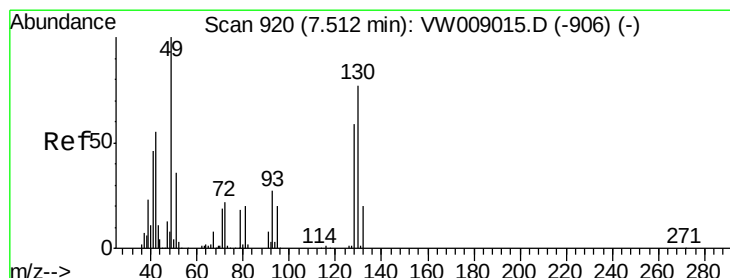
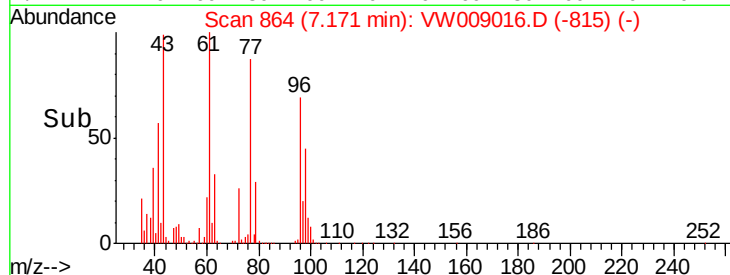
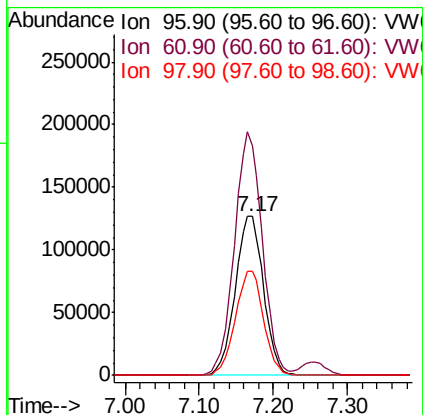
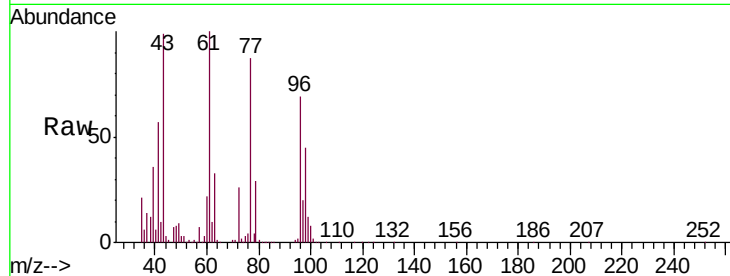


#27

cis-1,2-Dichloroethene
Concen: 104.789 ug/l
RT: 7.17 min Scan# 864
Delta R.T. 0.00 min
Lab File: VW009016.D
Acq: 06 Mar 2019 12:34

Instrument :
MSVOA_W
ClientSampled :
VSTDIC100

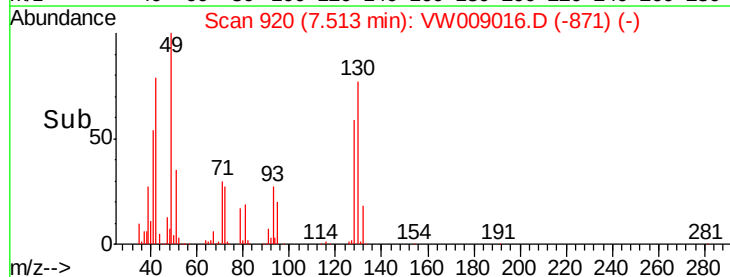
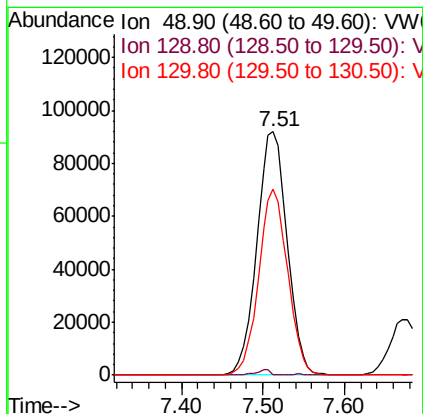
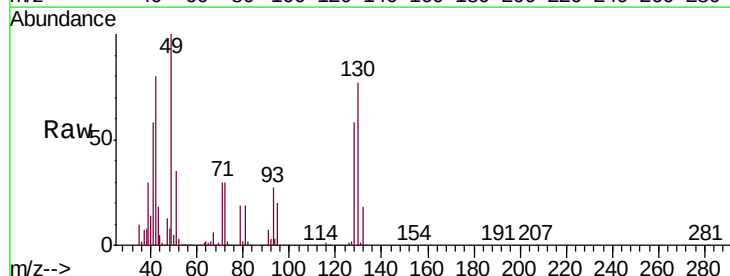
Tgt Ion: 96 Resp: 337303
Ion Ratio Lower Upper
96 100
61 151.6 0.0 303.6
98 65.2 0.0 129.0

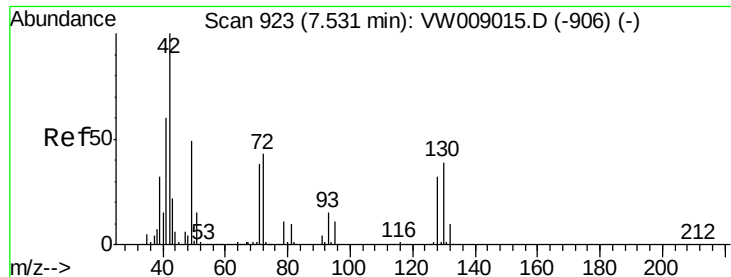


#28

Bromochloromethane
Concen: 102.213 ug/l
RT: 7.51 min Scan# 920
Delta R.T. 0.00 min
Lab File: VW009016.D
Acq: 06 Mar 2019 12:34

Tgt Ion: 49 Resp: 238076
Ion Ratio Lower Upper
49 100
129 1.1 0.0 3.2
130 73.3 59.9 89.9

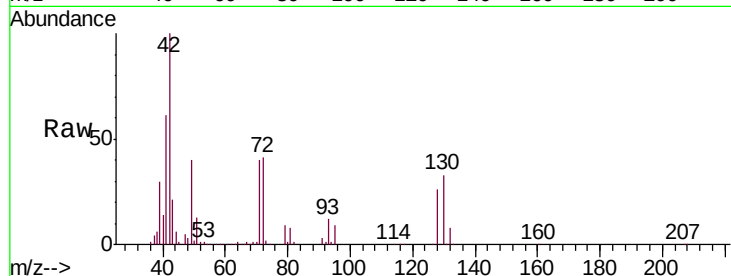




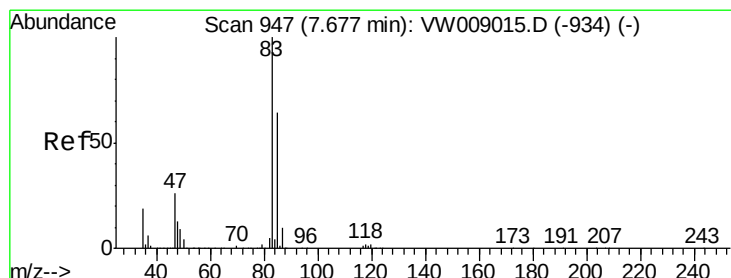
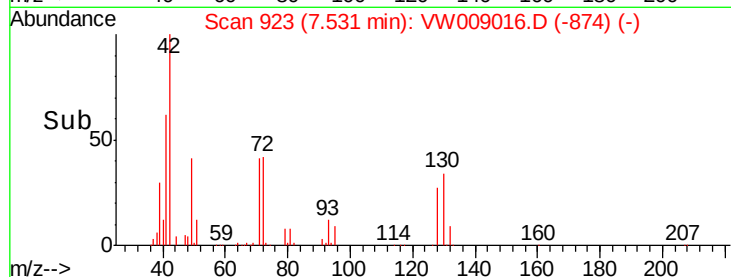
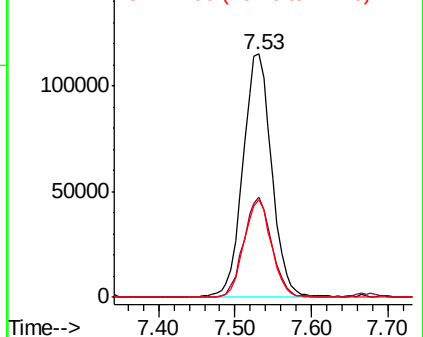
#29
Tetrahydrofuran
Concen: 534.748 ug/l
RT: 7.53 min Scan# 923
Delta R.T. 0.00 min
Lab File: VW009016.D
Acq: 06 Mar 2019 12:34

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

Tgt Ion: 42 Resp: 301410
Ion Ratio Lower Upper
42 100
72 40.1 32.5 48.7
71 38.2 31.6 47.4

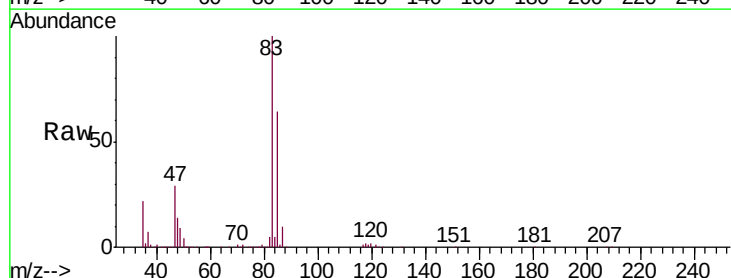


Abundance Ion 42.00 (41.70 to 42.70): VW
Ion 72.00 (71.70 to 72.70): VW
Ion 71.00 (70.70 to 71.70): VW

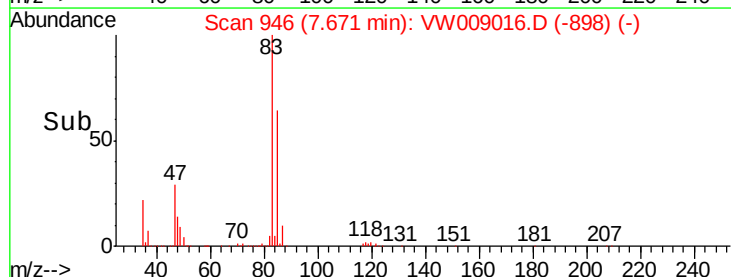
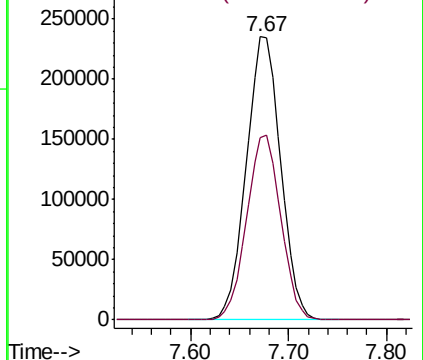


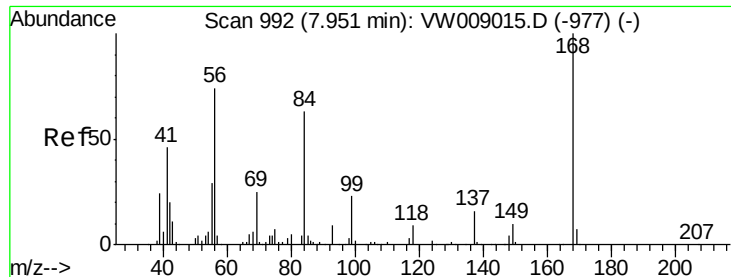
#30
Chloroform
Concen: 104.472 ug/l
RT: 7.67 min Scan# 946
Delta R.T. -0.01 min
Lab File: VW009016.D
Acq: 06 Mar 2019 12:34

Tgt Ion: 83 Resp: 573944
Ion Ratio Lower Upper
83 100
85 64.3 51.4 77.0



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

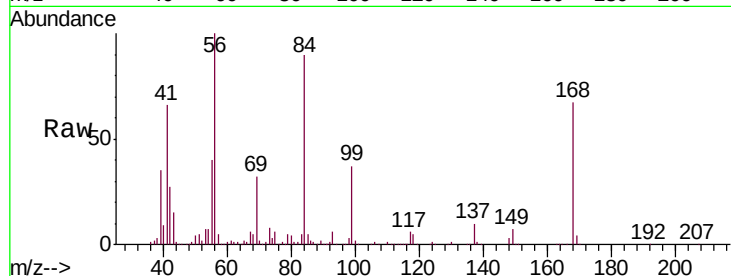




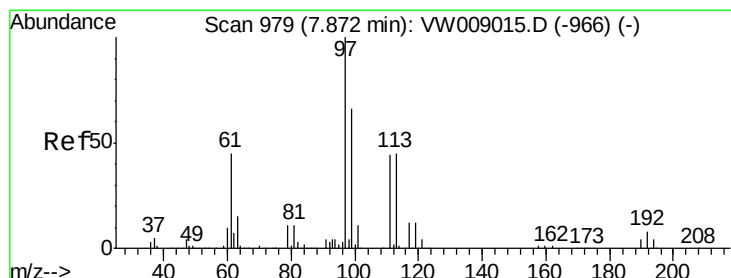
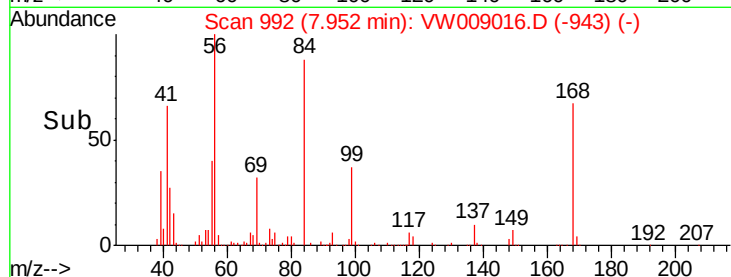
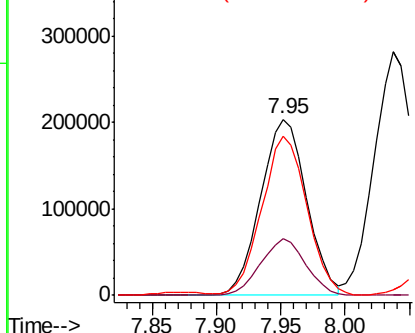
#31
Cyclohexane
Concen: 91.354 ug/l
RT: 7.95 min Scan# 992
Delta R.T. 0.00 min
Lab File: VW009016.D
Acq: 06 Mar 2019 12:34

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

Tgt Ion: 56 Resp: 504091
Ion Ratio Lower Upper
56 100
69 32.3 27.0 40.4
84 88.5 68.3 102.5

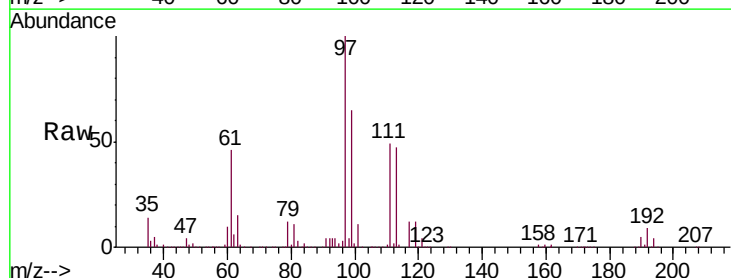


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

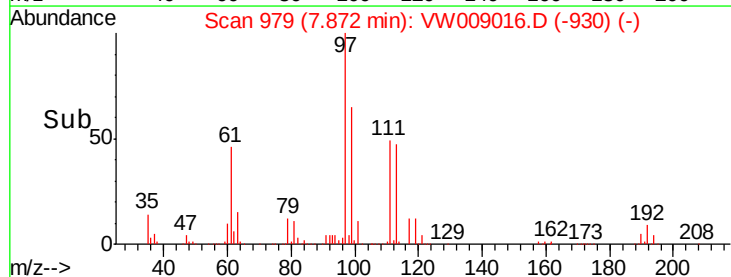
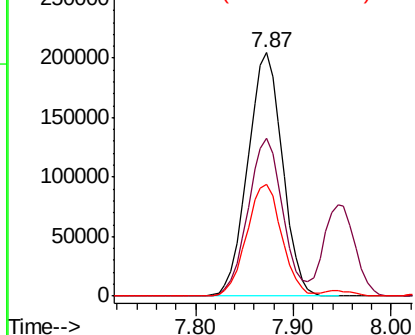


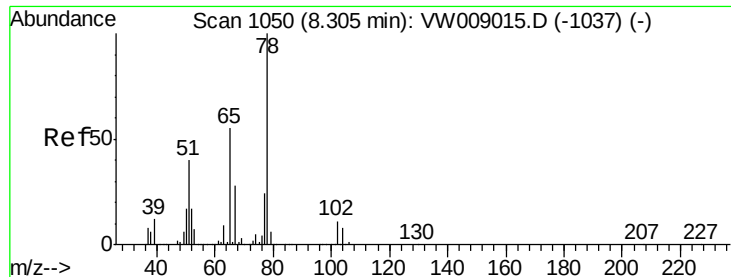
#32
1,1,1-Trichloroethane
Concen: 100.191 ug/l
RT: 7.87 min Scan# 979
Delta R.T. 0.00 min
Lab File: VW009016.D
Acq: 06 Mar 2019 12:34

Tgt Ion: 97 Resp: 505567
Ion Ratio Lower Upper
97 100
99 65.0 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

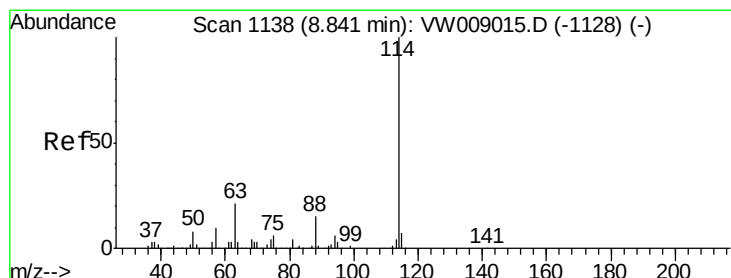
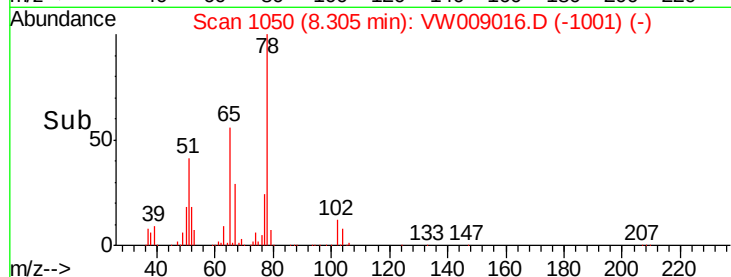
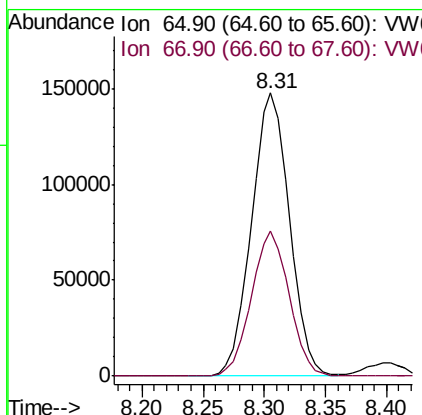
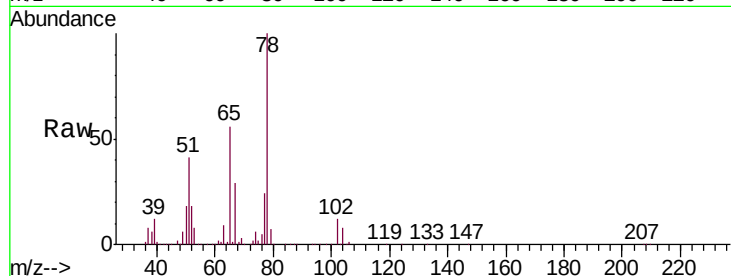




#33
 1,2-Dichloroethane-d4
 Concen: 103.800 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VW009016.D
 Acq: 06 Mar 2019 12:34

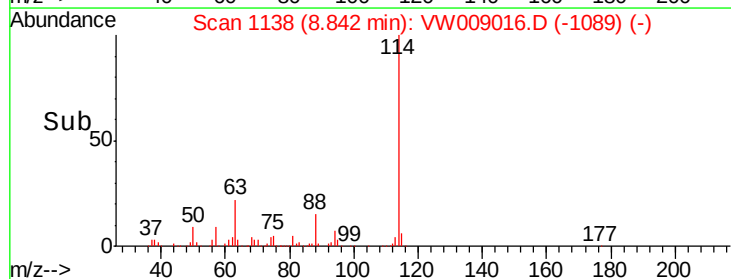
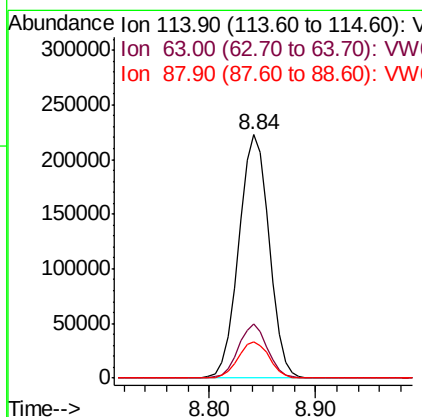
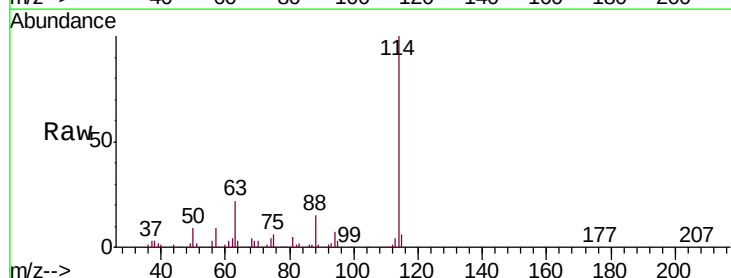
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

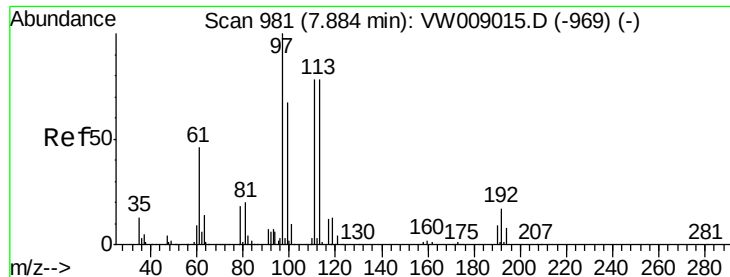
Tgt Ion: 65 Resp: 318727
 Ion Ratio Lower Upper
 65 100
 67 50.7 0.0 102.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW009016.D
 Acq: 06 Mar 2019 12:34

Tgt Ion: 114 Resp: 445550
 Ion Ratio Lower Upper
 114 100
 63 22.0 0.0 42.4
 88 15.2 0.0 30.8





#35

Dibromofluoromethane

Concen: 104.085 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.00 min

Lab File: VW009016.D

Acq: 06 Mar 2019 12:34

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

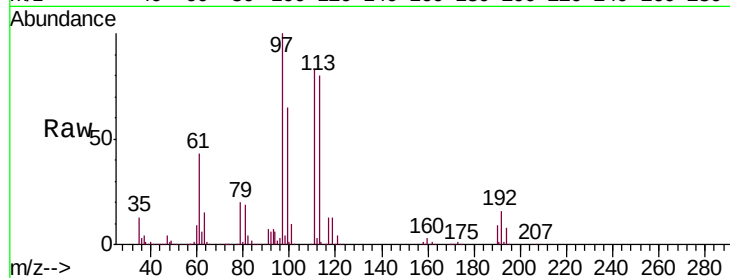
Tgt Ion: 113 Resp: 279172

Ion Ratio Lower Upper

113 100

111 104.3 80.5 120.7

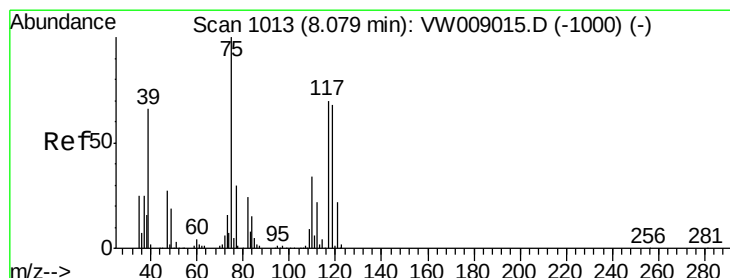
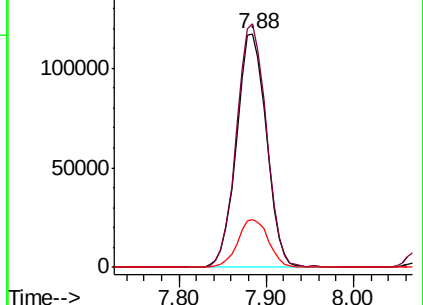
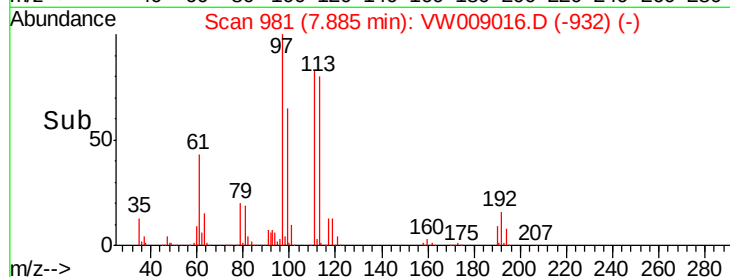
192 21.0 16.7 25.1



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: 98.222 ug/l

RT: 8.08 min Scan# 1013

Delta R.T. 0.00 min

Lab File: VW009016.D

Acq: 06 Mar 2019 12:34

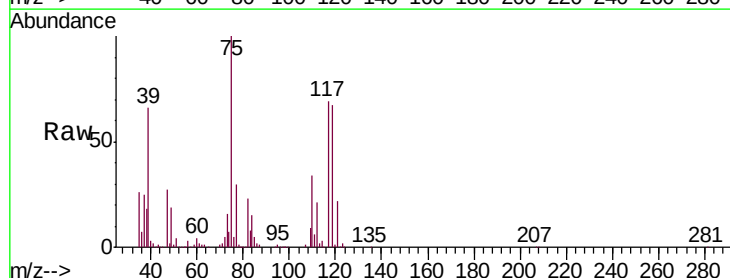
Tgt Ion: 75 Resp: 435146

Ion Ratio Lower Upper

75 100

110 34.5 17.3 51.9

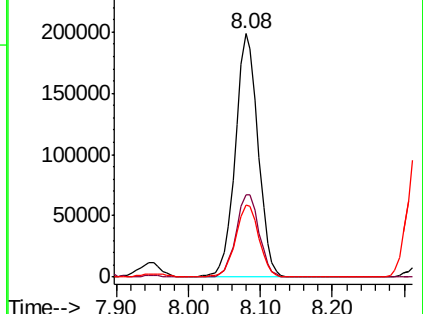
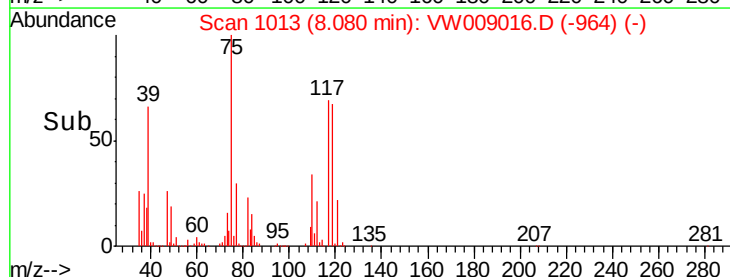
77 30.5 24.8 37.2

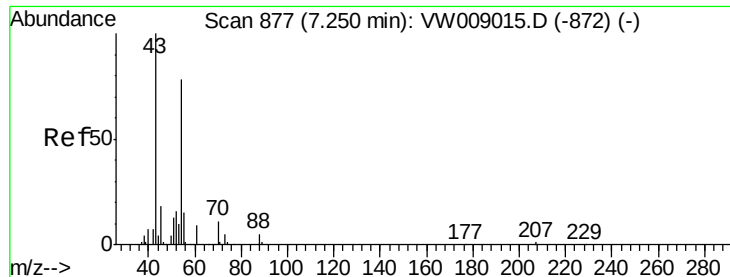


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW

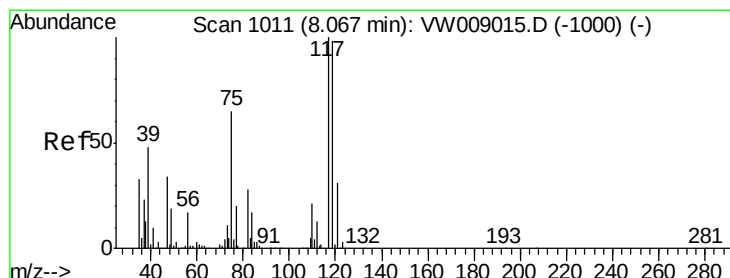
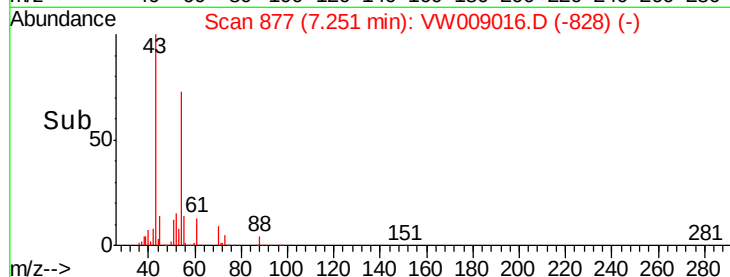
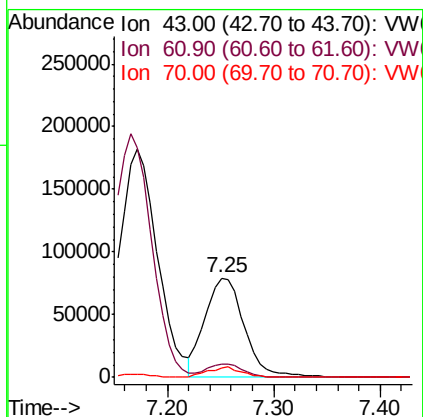
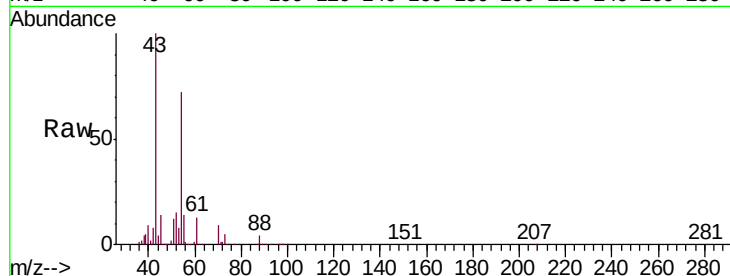




#37
 Ethyl Acetate
 Concen: 102.412 ug/l
 RT: 7.25 min Scan# 877
 Delta R.T. 0.00 min
 Lab File: VW009016.D
 Acq: 06 Mar 2019 12:34

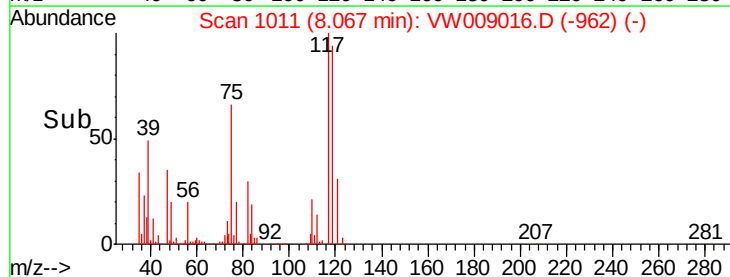
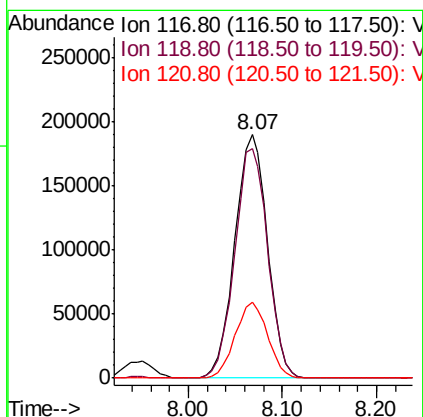
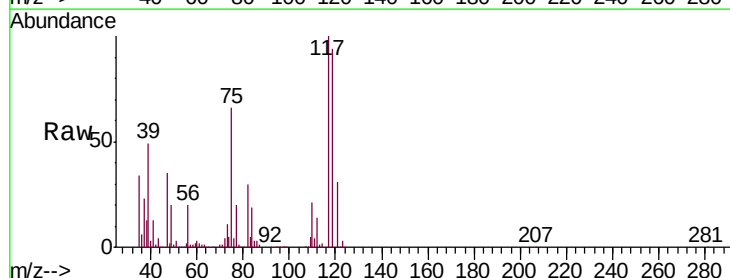
Instrument :
 MSVOA_W
 ClientSampled :
 VSTDIC100

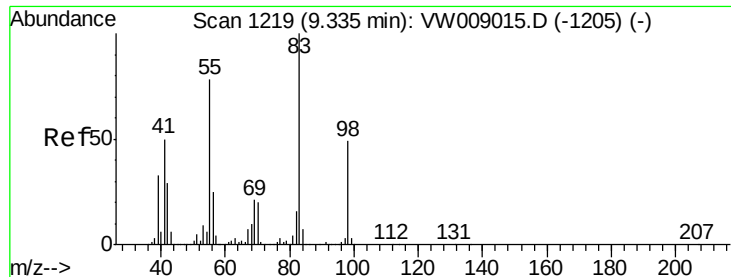
Tgt Ion: 43 Resp: 200682
 Ion Ratio Lower Upper
 43 100
 61 12.1 10.6 15.8
 70 9.4 7.8 11.8



#38
 Carbon Tetrachloride
 Concen: 99.548 ug/l
 RT: 8.07 min Scan# 1011
 Delta R.T. 0.00 min
 Lab File: VW009016.D
 Acq: 06 Mar 2019 12:34

Tgt Ion: 117 Resp: 456389
 Ion Ratio Lower Upper
 117 100
 119 94.3 78.4 117.6
 121 31.0 24.7 37.1

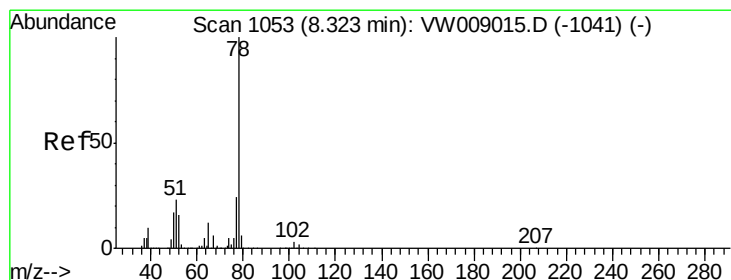
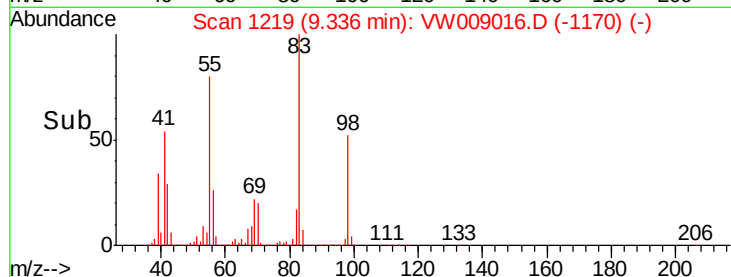
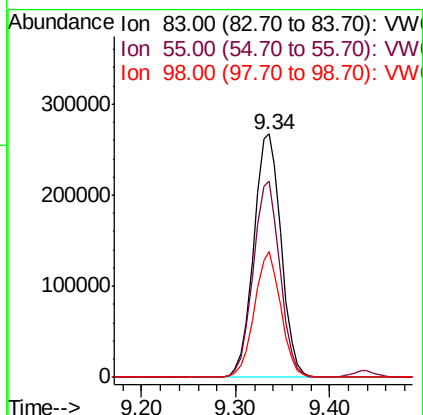
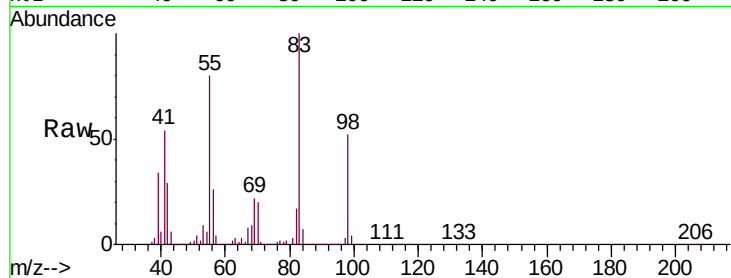




#39
Methylcyclohexane
Concen: 102.071 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. 0.00 min
Lab File: VW009016.D
Acq: 06 Mar 2019 12:34

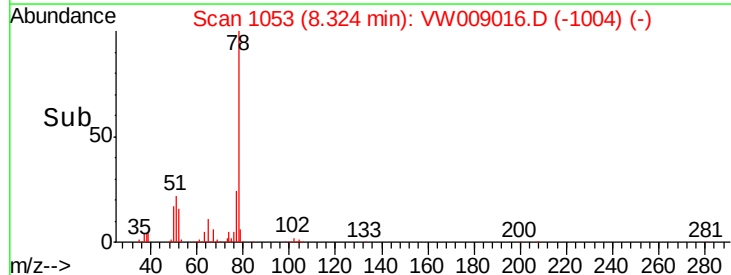
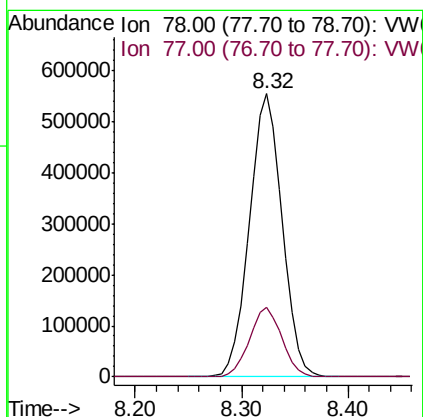
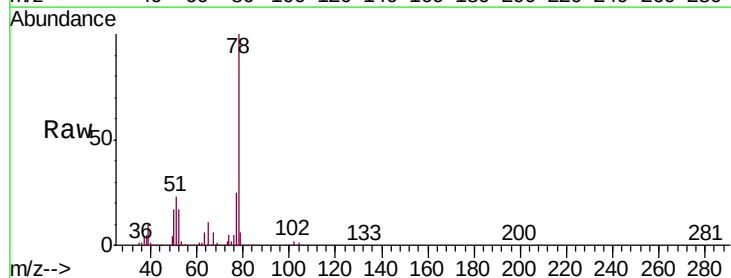
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

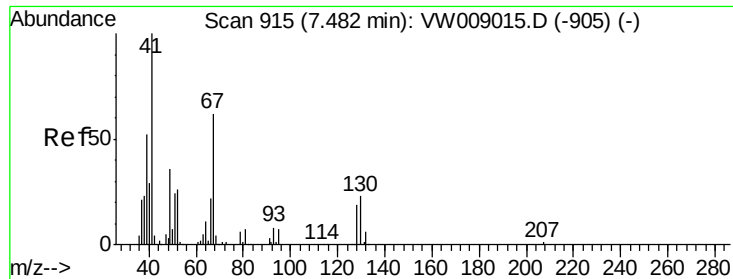
Tgt Ion: 83 Resp: 546272
Ion Ratio Lower Upper
83 100
55 80.4 62.6 93.8
98 51.6 39.4 59.2



#40
Benzene
Concen: 99.968 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. 0.00 min
Lab File: VW009016.D
Acq: 06 Mar 2019 12:34

Tgt Ion: 78 Resp: 1194568
Ion Ratio Lower Upper
78 100
77 24.5 18.9 28.3

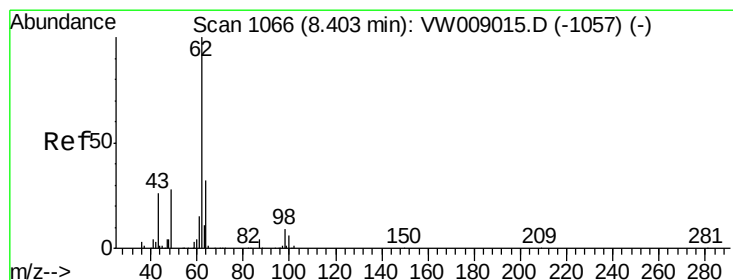
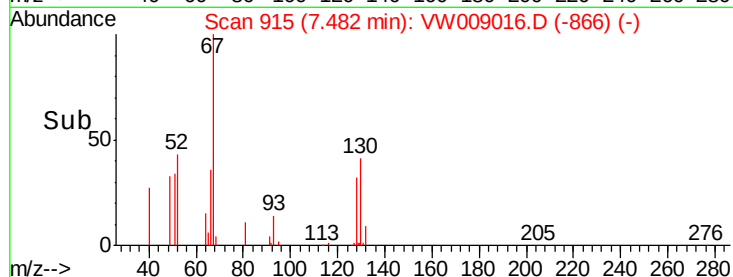
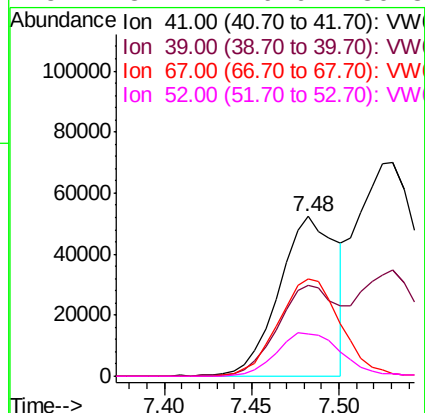
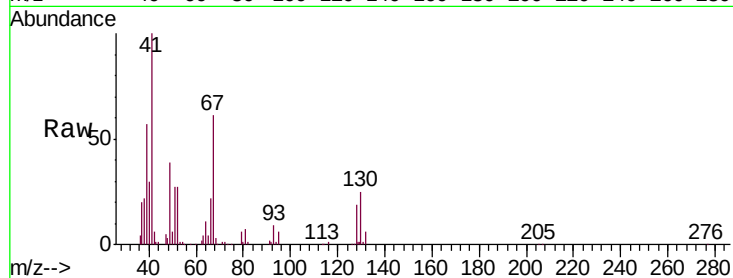




#41
Methacrylonitrile
Concen: 102.962 ug/l
RT: 7.48 min Scan# 915
Delta R.T. 0.00 min
Lab File: VW009016.D
Acq: 06 Mar 2019 12:34

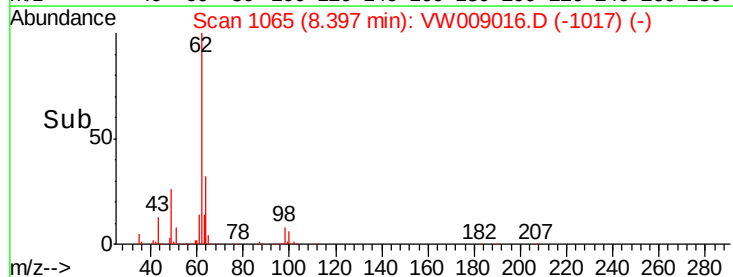
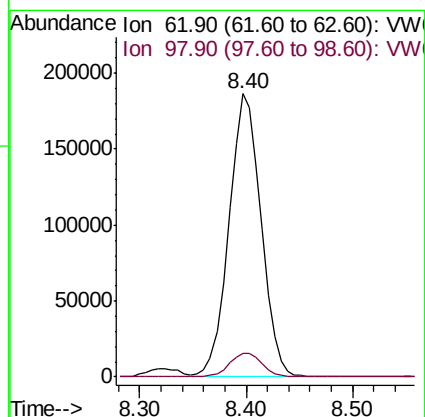
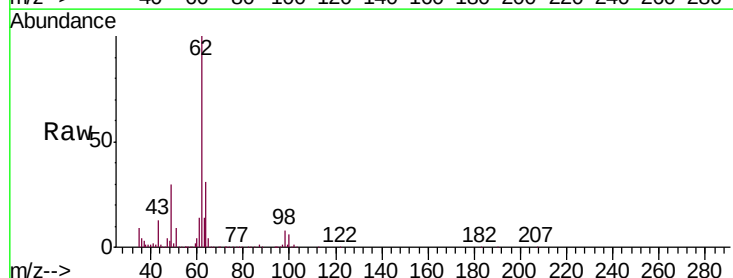
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

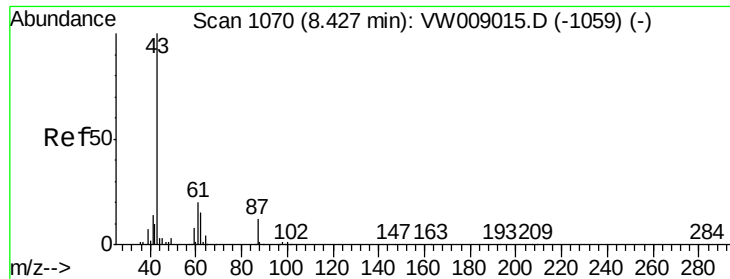
Tgt Ion:	41	Resp:	119674
Ion	Ratio	Lower	Upper
41	100		
39	65.4	50.6	75.8
67	66.3	59.0	88.6
52	31.2	26.6	39.8



#42
1,2-Dichloroethane
Concen: 102.375 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. -0.01 min
Lab File: VW009016.D
Acq: 06 Mar 2019 12:34

Tgt Ion:	62	Resp:	392637
Ion	Ratio	Lower	Upper
62	100		
98	8.6	0.0	17.8





#43

Isopropyl Acetate

Concen: 105.785 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. 0.00 min

Lab File: VW009016.D

Acq: 06 Mar 2019 12:34

Instrument :

MSVOA_W

ClientSampleId :

VSTDICC100

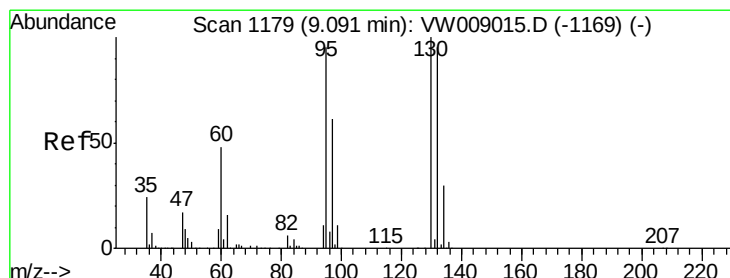
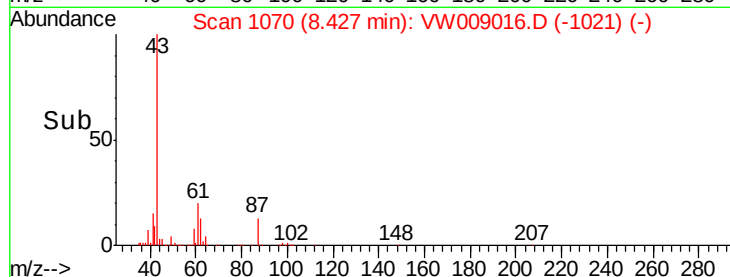
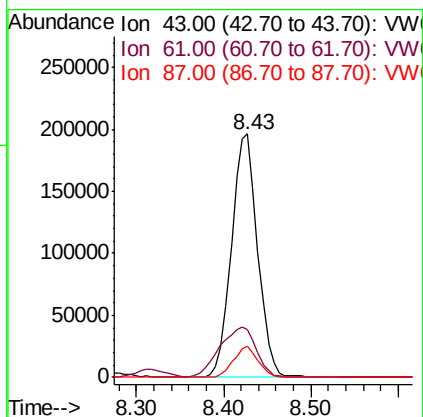
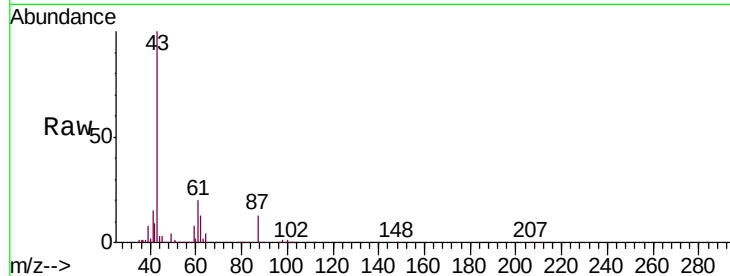
Tgt Ion: 43 Resp: 407493

Ion Ratio Lower Upper

43 100

61 28.6 23.5 35.3

87 12.0 9.4 14.2



#44

Trichloroethene

Concen: 97.615 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. 0.00 min

Lab File: VW009016.D

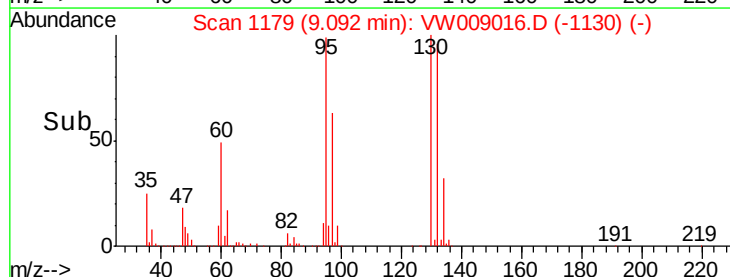
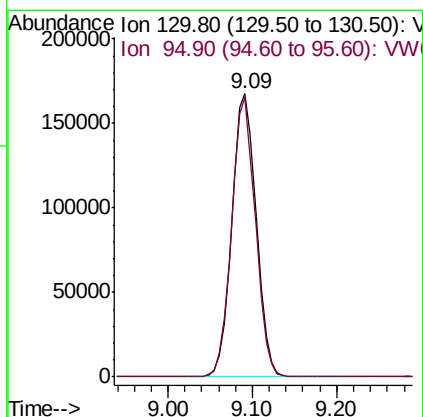
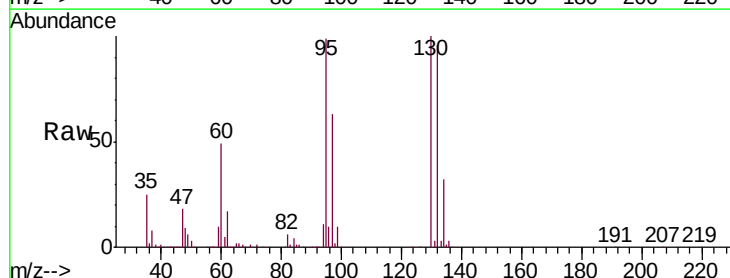
Acq: 06 Mar 2019 12:34

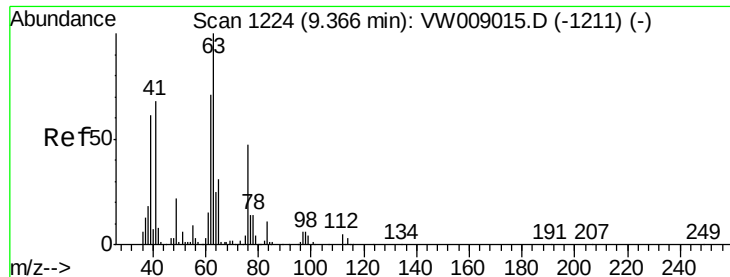
Tgt Ion: 130 Resp: 325245

Ion Ratio Lower Upper

130 100

95 98.5 0.0 190.0

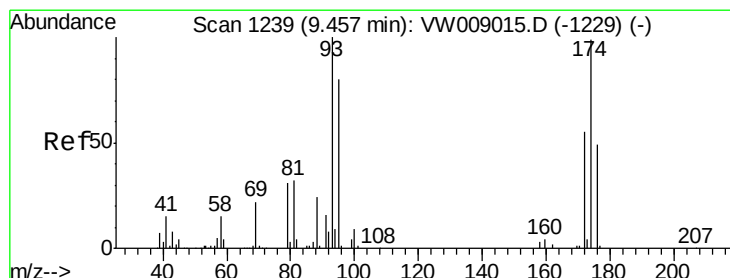
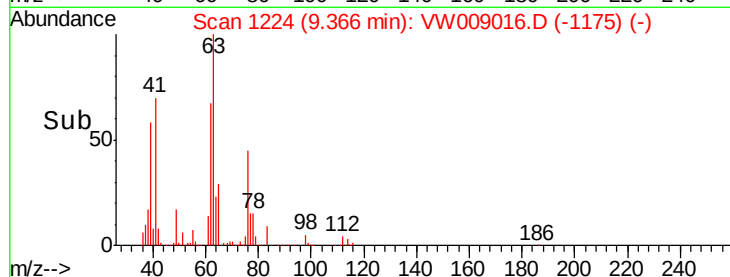
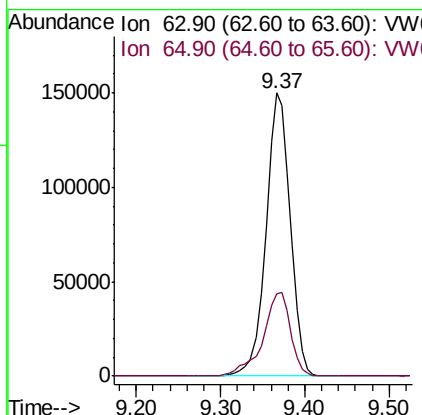
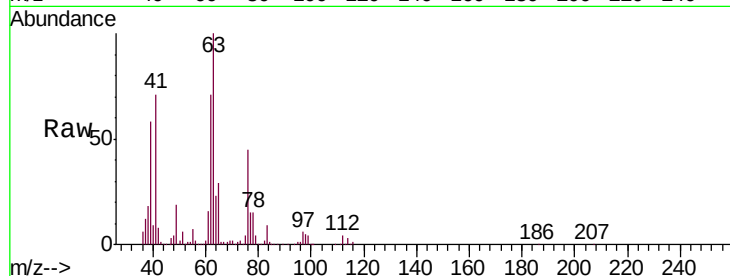




#45
 1,2-Dichloropropane
 Concen: 100.378 ug/l
 RT: 9.37 min Scan# 1224
 Delta R.T. 0.00 min
 Lab File: VW009016.D
 Acq: 06 Mar 2019 12:34

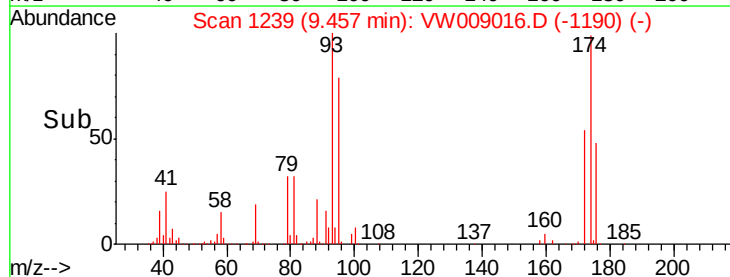
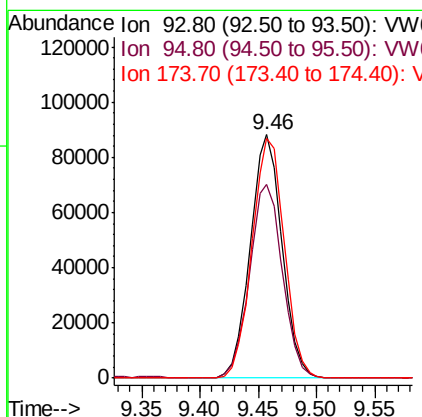
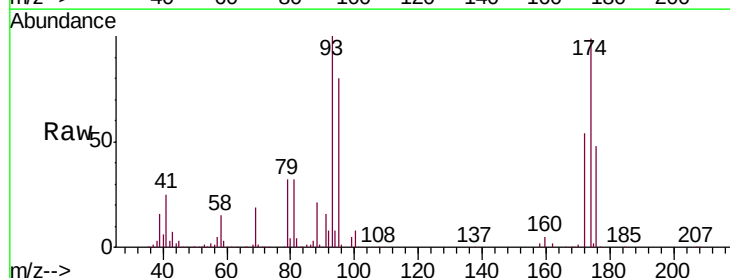
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

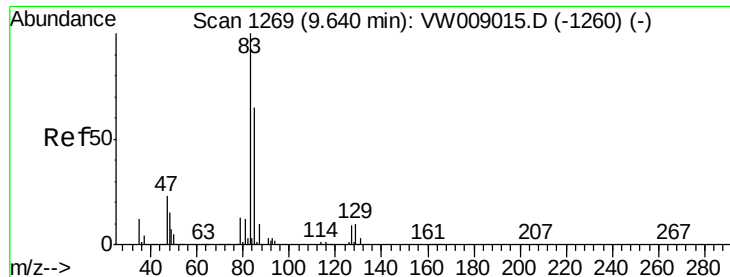
Tgt Ion: 63 Resp: 297358
 Ion Ratio Lower Upper
 63 100
 65 29.3 25.0 37.4



#46
 Dibromomethane
 Concen: 102.786 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. 0.00 min
 Lab File: VW009016.D
 Acq: 06 Mar 2019 12:34

Tgt Ion: 93 Resp: 167982
 Ion Ratio Lower Upper
 93 100
 95 82.3 64.1 96.1
 174 100.5 81.3 121.9





#47

Bromodichloromethane

Concen: 102.431 ug/l

RT: 9.64 min Scan# 1269

Delta R.T. 0.00 min

Lab File: VW009016.D

Acq: 06 Mar 2019 12:34

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

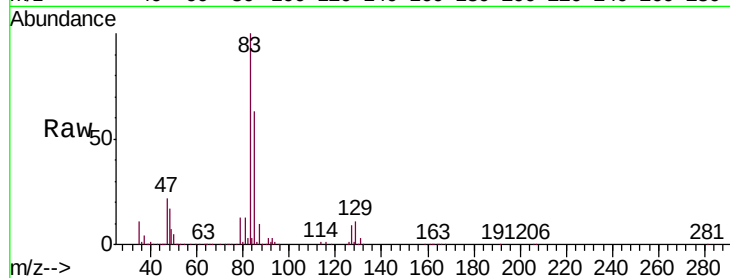
Tgt Ion: 83 Resp: 419658

Ion Ratio Lower Upper

83 100

85 63.4 51.9 77.9

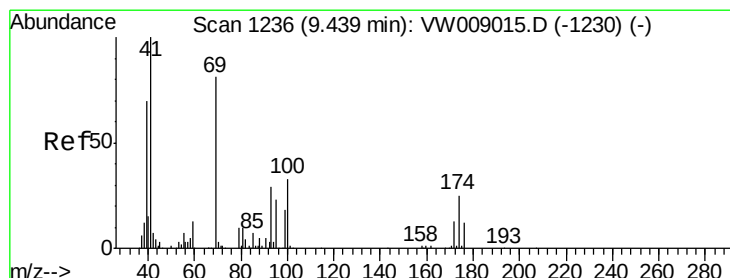
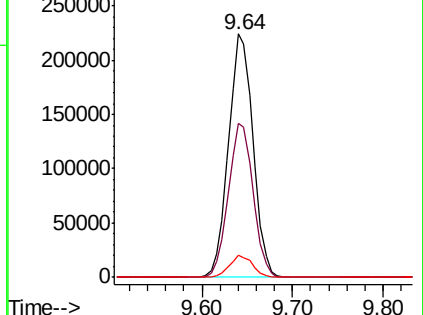
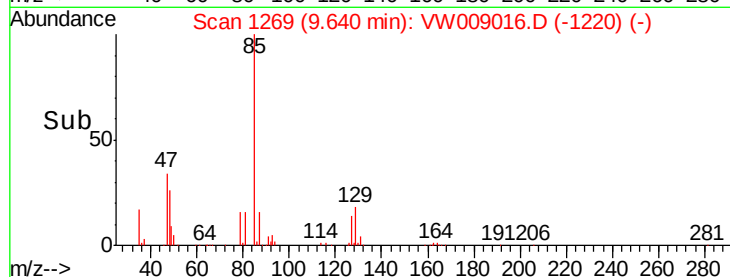
127 9.0 7.0 10.6



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: 107.976 ug/l

RT: 9.43 min Scan# 1235

Delta R.T. -0.01 min

Lab File: VW009016.D

Acq: 06 Mar 2019 12:34

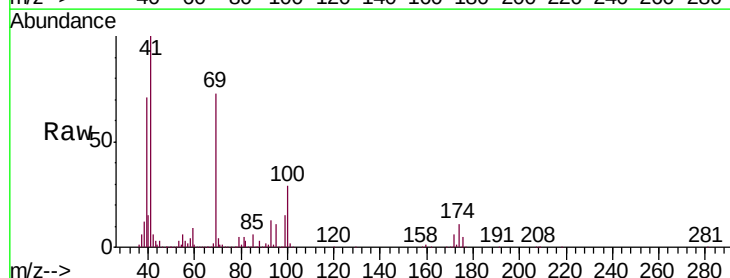
Tgt Ion: 41 Resp: 196539

Ion Ratio Lower Upper

41 100

69 79.4 61.8 92.6

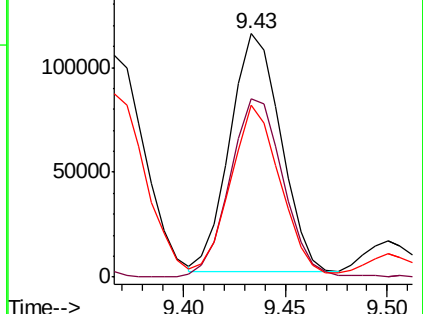
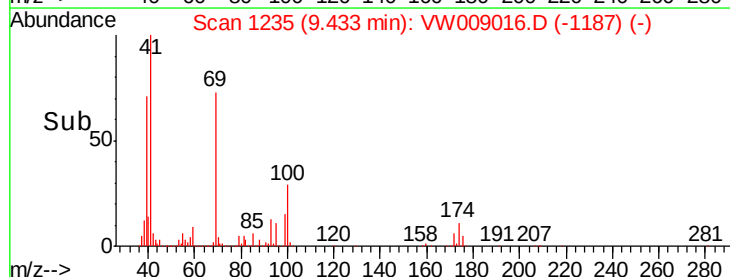
39 67.5 50.5 75.7

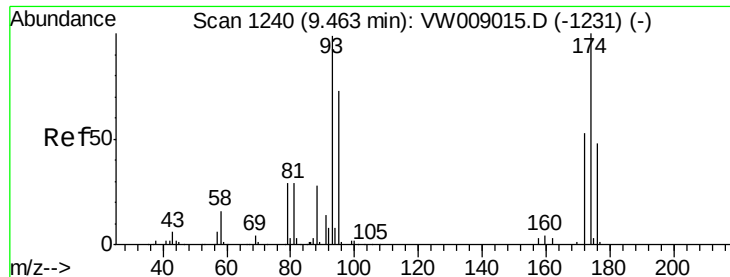


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 39.00 (38.70 to 39.70): VW





#49

1,4-Dioxane

Concen: 1804.859 ug/l

RT: 9.46 min Scan# 1239

Delta R.T. -0.01 min

Lab File: VW009016.D

Acq: 06 Mar 2019 12:34

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

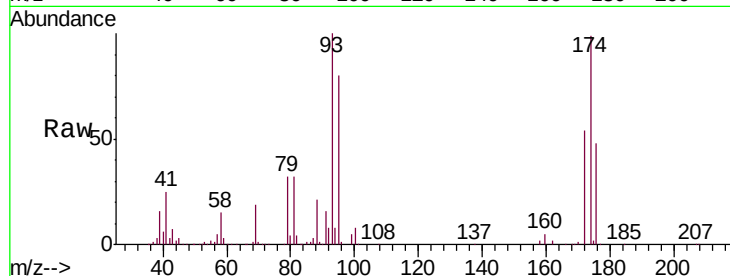
Tgt Ion: 88 Resp: 40323

Ion Ratio Lower Upper

88 100

43 0.0 0.0 0.0

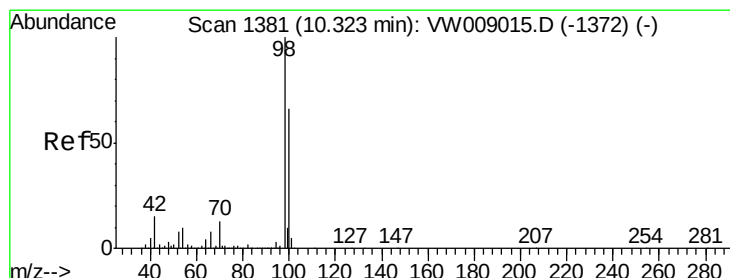
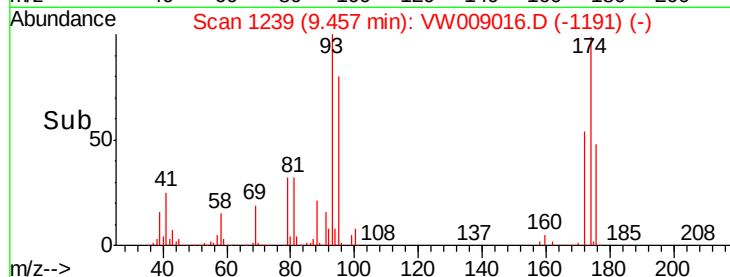
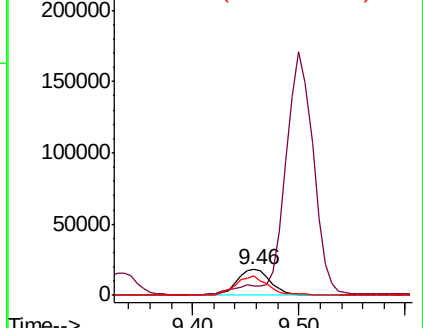
58 75.0 55.0 82.6



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: 103.795 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW009016.D

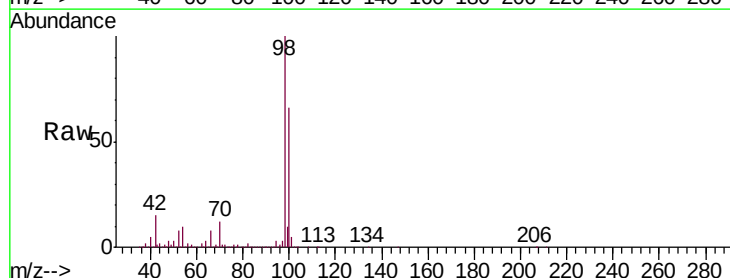
Acq: 06 Mar 2019 12:34

Tgt Ion: 98 Resp: 1144049

Ion Ratio Lower Upper

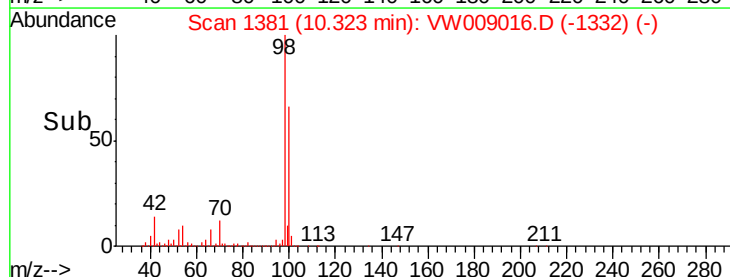
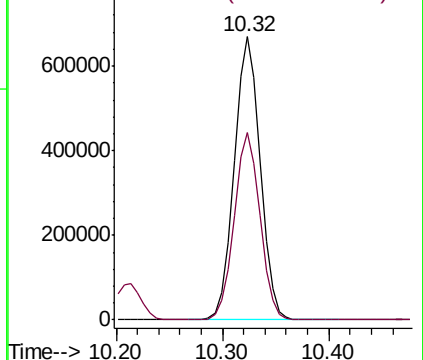
98 100

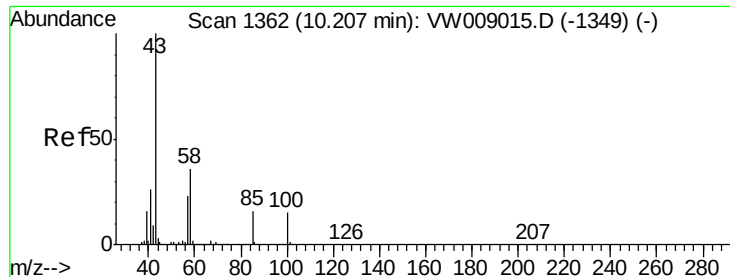
100 65.7 52.9 79.3



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: 535.903 ug/l

RT: 10.21 min Scan# 1362

Delta R.T. 0.00 min

Lab File: VW009016.D

Acq: 06 Mar 2019 12:34

Instrument :

MSVOA_W

ClientSampleId :

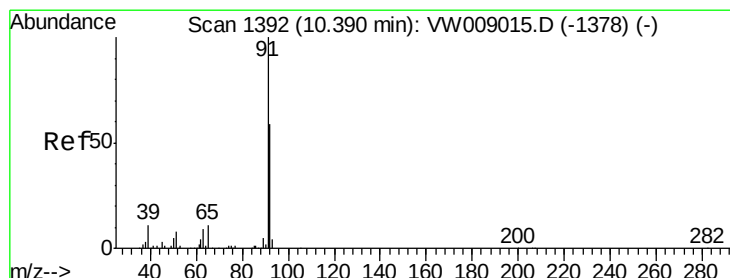
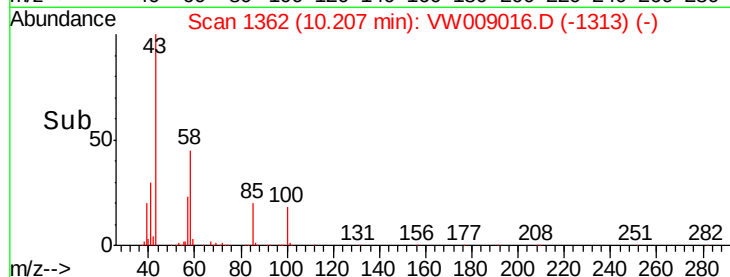
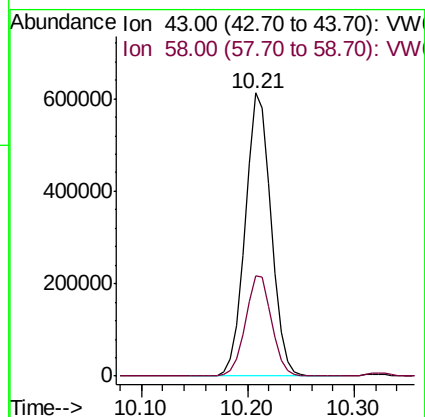
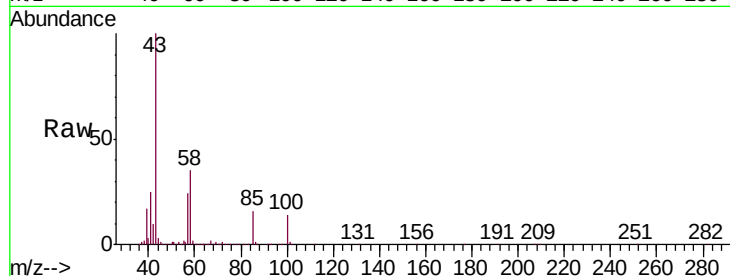
VSTDIC100

Tgt Ion: 43 Resp: 1043921

Ion Ratio Lower Upper

43 100

58 35.9 29.0 43.4



#52

Toluene

Concen: 102.562 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VW009016.D

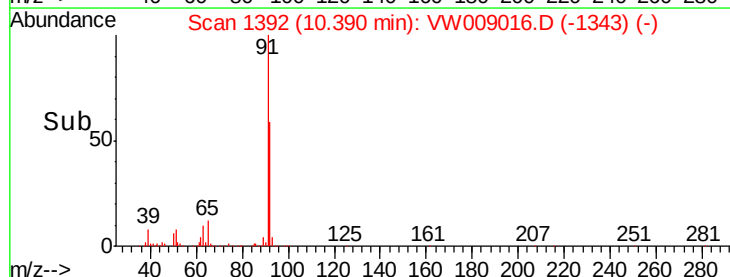
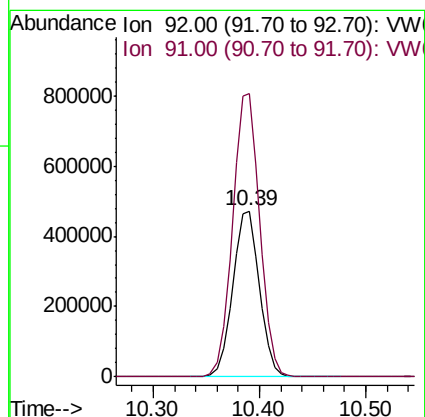
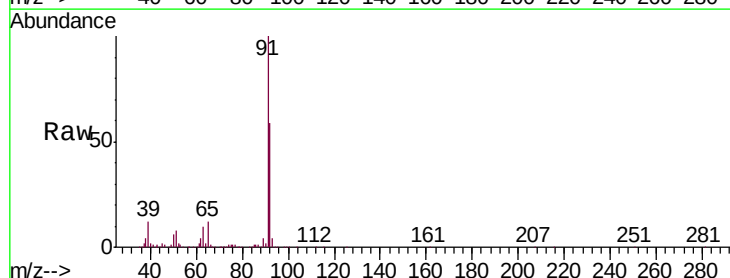
Acq: 06 Mar 2019 12:34

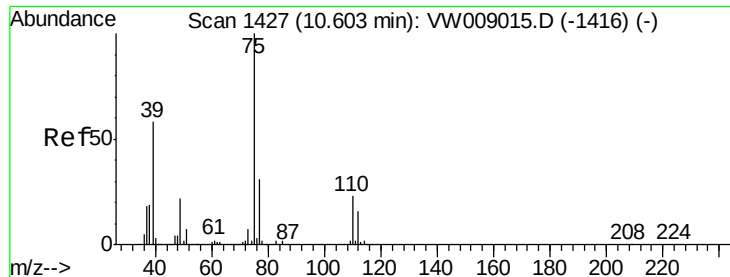
Tgt Ion: 92 Resp: 827355

Ion Ratio Lower Upper

92 100

91 173.3 138.1 207.1





#53

t-1,3-Dichloropropene

Concen: 107.575 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. 0.00 min

Lab File: VW009016.D

Acq: 06 Mar 2019 12:34

Instrument :

MSVOA_W

ClientSampleId :

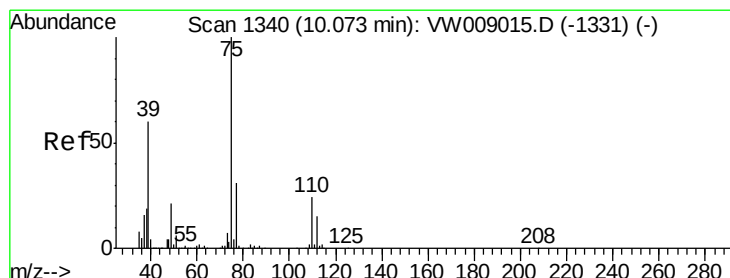
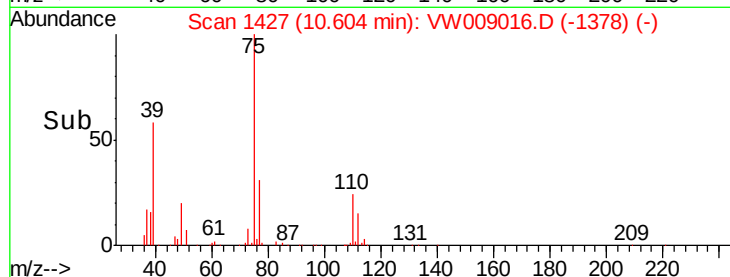
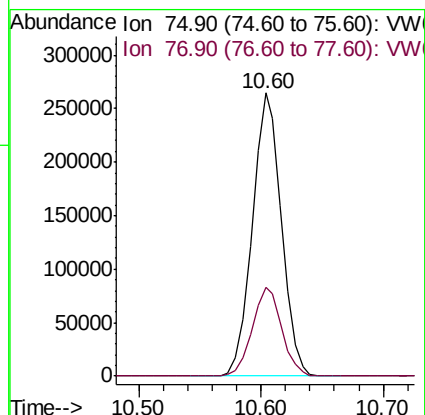
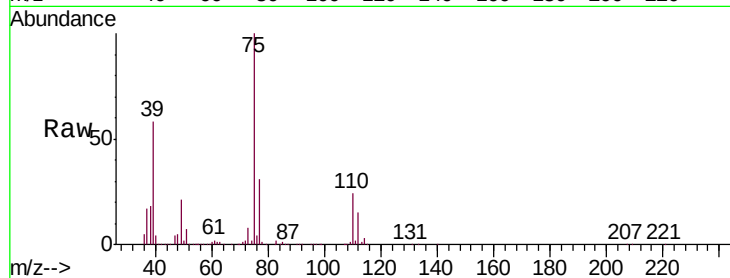
VSTDIC100

Tgt Ion: 75 Resp: 437194

Ion Ratio Lower Upper

75 100

77 31.3 24.8 37.2



#54

cis-1,3-Dichloropropene

Concen: 105.248 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. 0.00 min

Lab File: VW009016.D

Acq: 06 Mar 2019 12:34

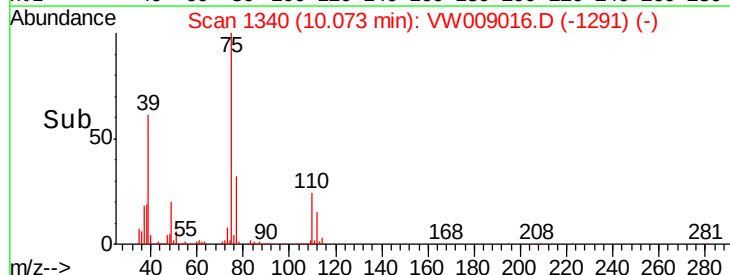
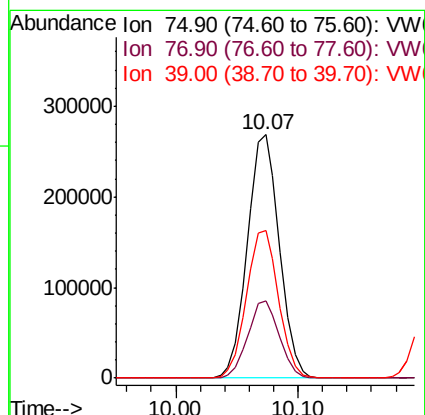
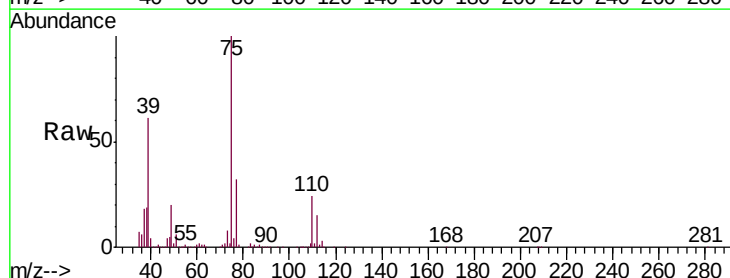
Tgt Ion: 75 Resp: 488300

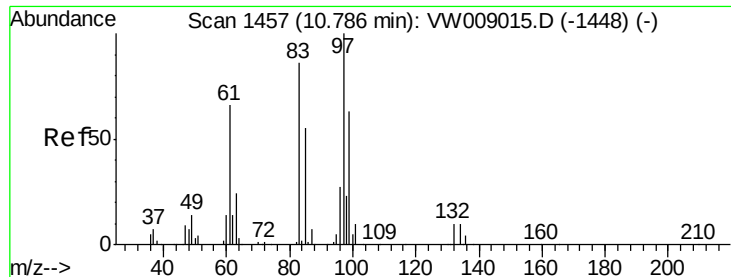
Ion Ratio Lower Upper

75 100

77 31.7 25.0 37.4

39 60.5 48.2 72.2

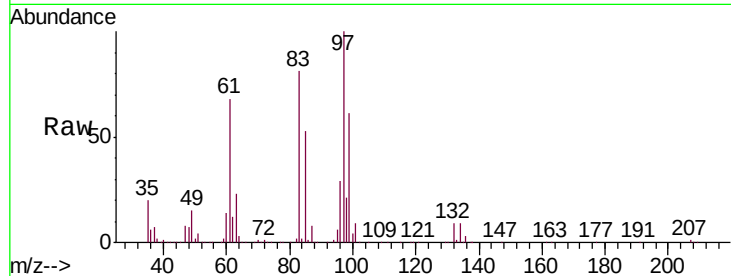




#55
 1,1,2-Trichloroethane
 Concen: 100.458 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. 0.00 min
 Lab File: VW009016.D
 Acq: 06 Mar 2019 12:34

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

Tgt Ion:	97	Resp:	222989
Ion	Ratio	Lower	Upper
97	100		
83	81.0	68.8	103.2
85	53.1	43.7	65.5
99	60.9	50.1	75.1



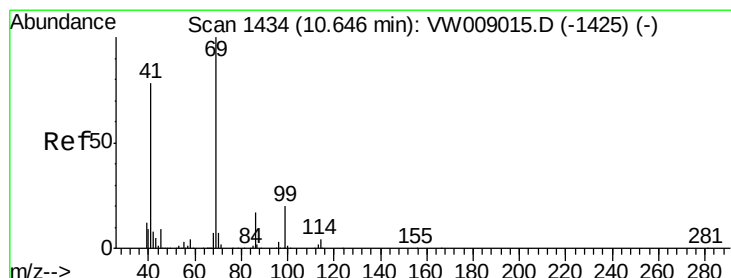
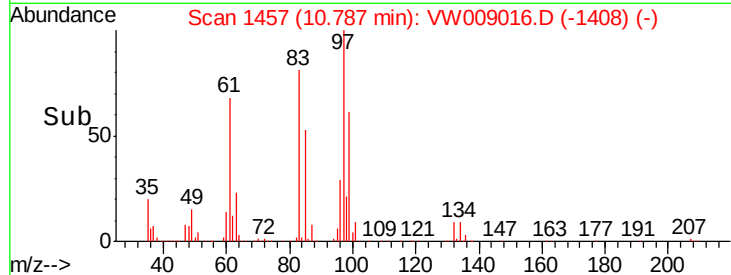
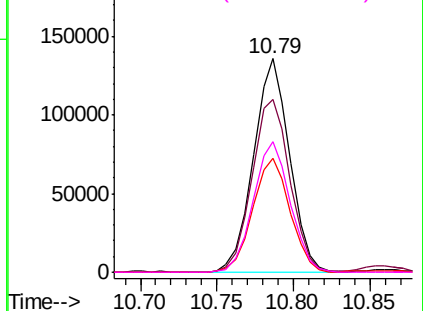
Abundance

Ion 96.90 (96.60 to 97.60): VW

Ion 82.90 (82.60 to 83.60): VW

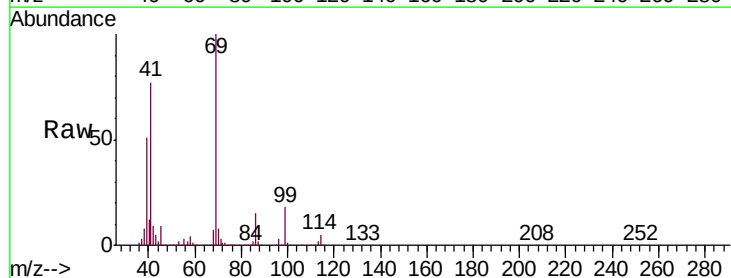
Ion 84.90 (84.60 to 85.60): VW

Ion 98.90 (98.60 to 99.60): VW



#56
 Ethyl methacrylate
 Concen: 111.667 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: VW009016.D
 Acq: 06 Mar 2019 12:34

Tgt Ion:	69	Resp:	306604
Ion	Ratio	Lower	Upper
69	100		
41	77.0	58.9	88.3
39	46.1	37.6	56.4

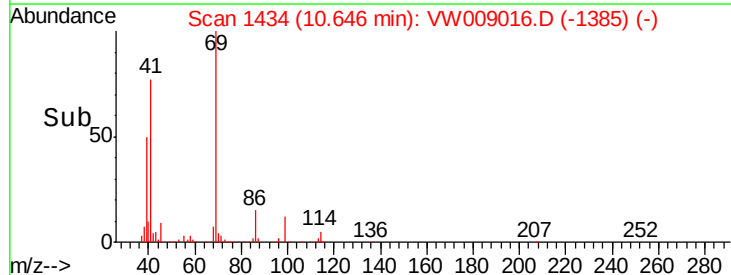
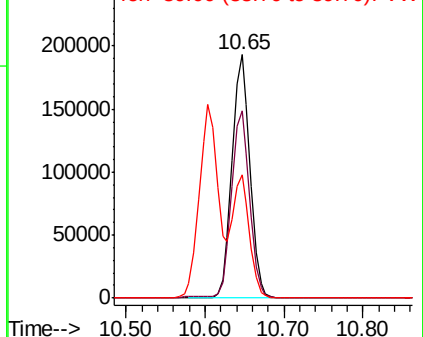


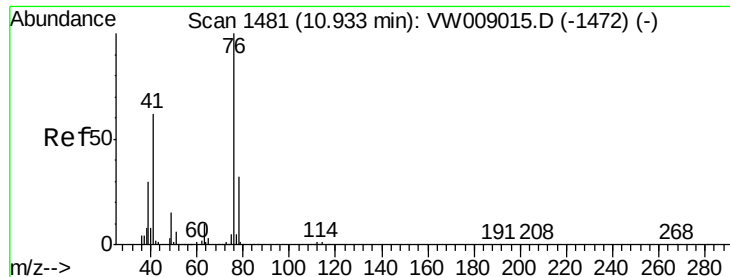
Abundance

Ion 69.00 (68.70 to 69.70): VW

Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW





#57

1,3-Dichloropropane

Concen: 101.427 ug/l

RT: 10.93 min Scan# 1481

Delta R.T. 0.00 min

Lab File: VW009016.D

Acq: 06 Mar 2019 12:34

Instrument :

MSVOA_W

ClientSampleId :

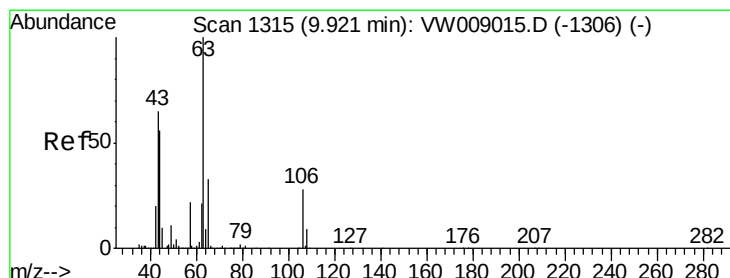
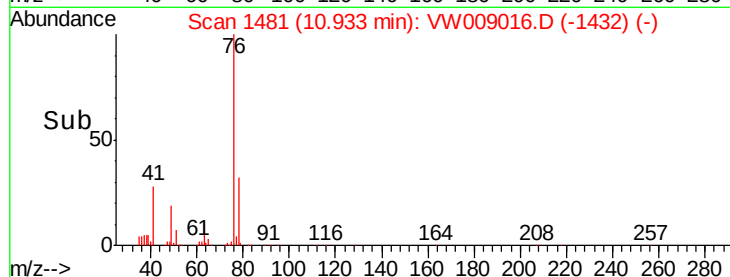
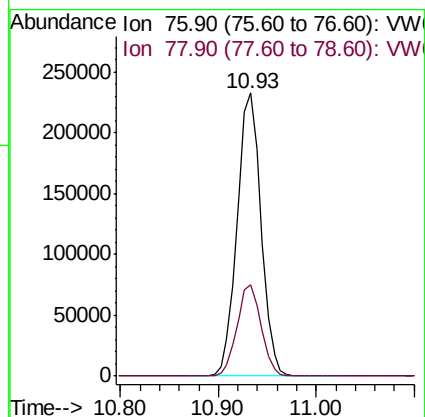
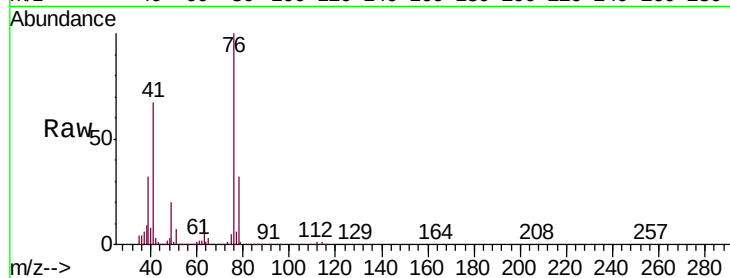
VSTDIC100

Tgt Ion: 76 Resp: 395912

Ion Ratio Lower Upper

76 100

78 32.2 25.6 38.4



#58

2-Chloroethyl Vinyl ether

Concen: 536.449 ug/l

RT: 9.92 min Scan# 1315

Delta R.T. 0.00 min

Lab File: VW009016.D

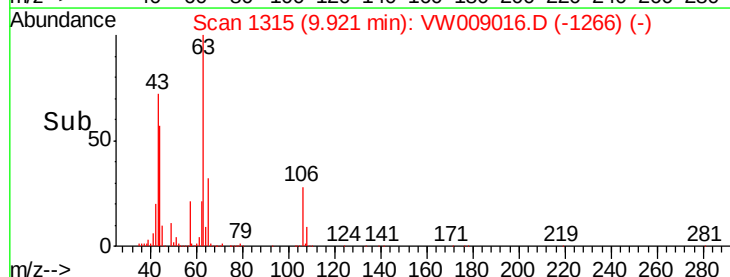
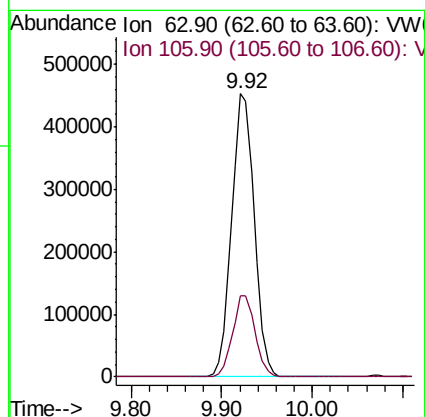
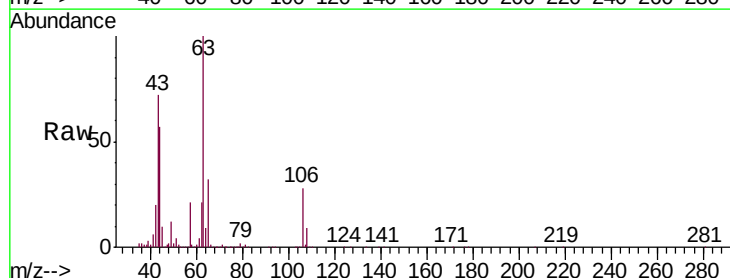
Acq: 06 Mar 2019 12:34

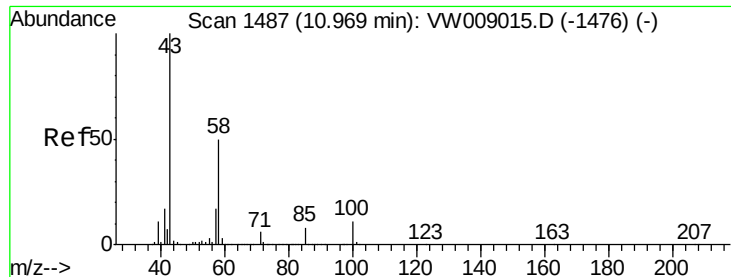
Tgt Ion: 63 Resp: 781576

Ion Ratio Lower Upper

63 100

106 28.5 23.0 34.6

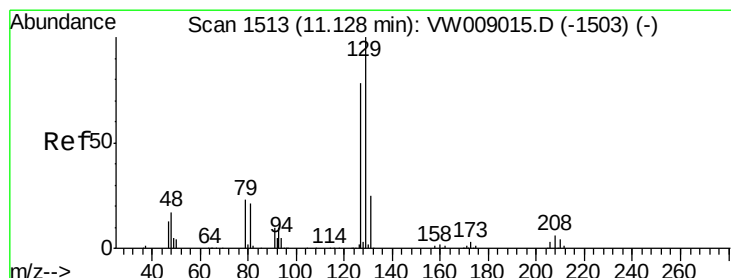
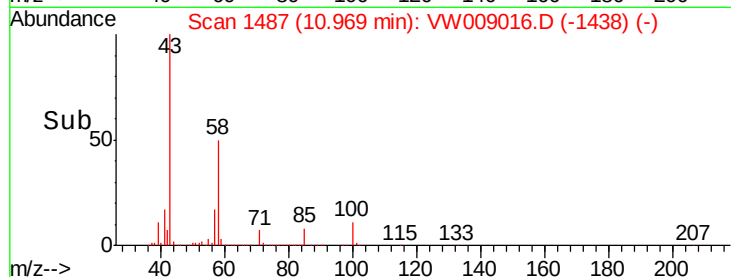
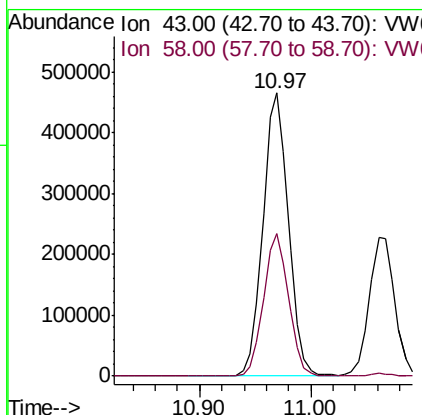
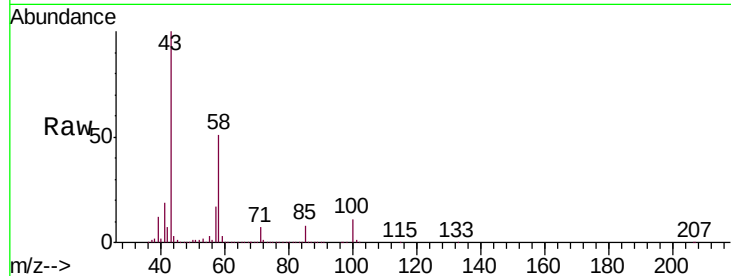




#59
2-Hexanone
Concen: 543.000 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VW009016.D
Acq: 06 Mar 2019 12:34

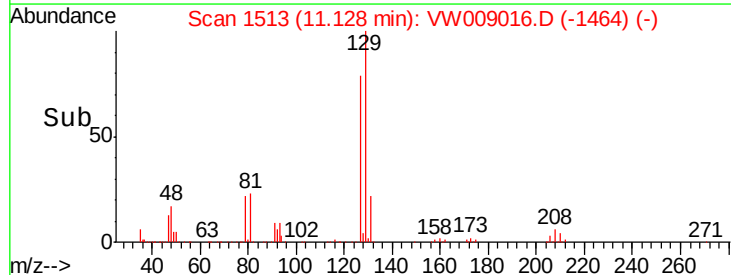
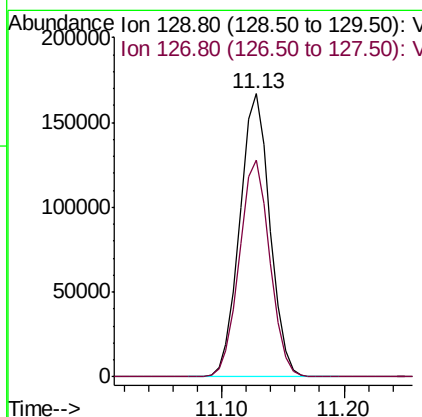
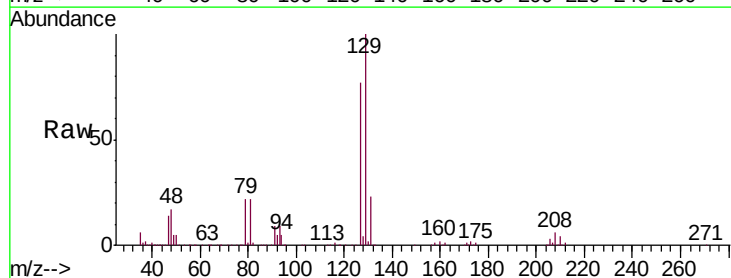
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

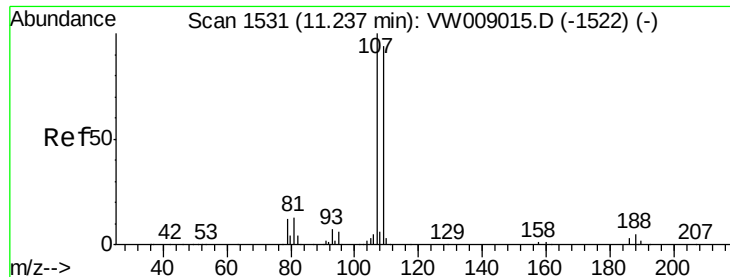
Tgt Ion: 43 Resp: 743597
Ion Ratio Lower Upper
43 100
58 49.8 25.3 75.8



#60
Dibromochloromethane
Concen: 105.842 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VW009016.D
Acq: 06 Mar 2019 12:34

Tgt Ion: 129 Resp: 285361
Ion Ratio Lower Upper
129 100
127 77.3 39.0 116.9





#61

1,2-Dibromoethane

Concen: 104.509 ug/l

RT: 11.23 min Scan# 1530

Delta R.T. -0.01 min

Lab File: VW009016.D

Acq: 06 Mar 2019 12:34

Instrument :

MSVOA_W

ClientSampled :

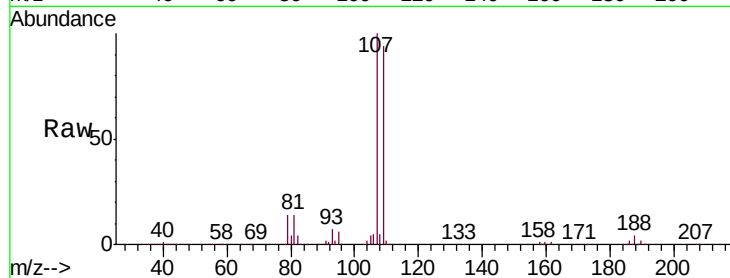
VSTDIC100

Tgt Ion: 107 Resp: 219876

Ion Ratio Lower Upper

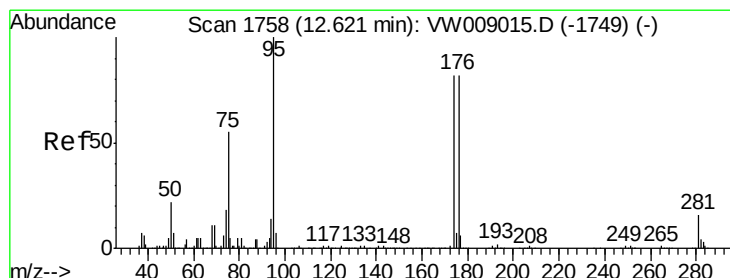
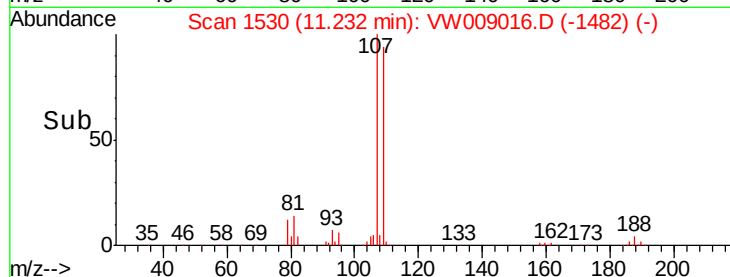
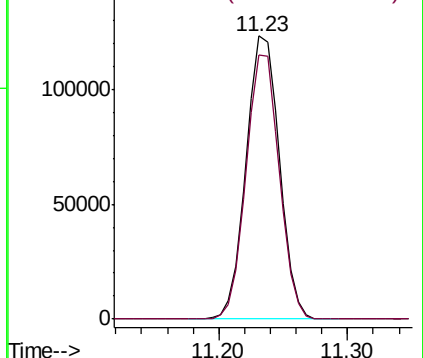
107 100

109 93.0 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: 104.628 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.01 min

Lab File: VW009016.D

Acq: 06 Mar 2019 12:34

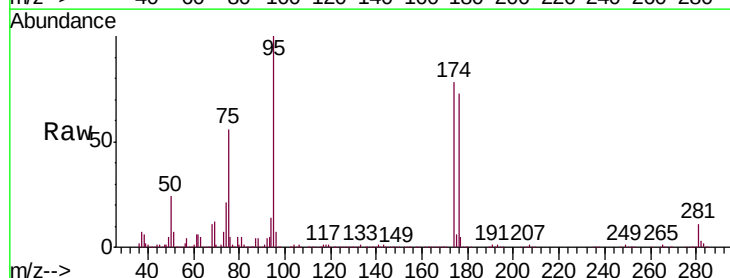
Tgt Ion: 95 Resp: 445384

Ion Ratio Lower Upper

95 100

174 82.9 0.0 165.8

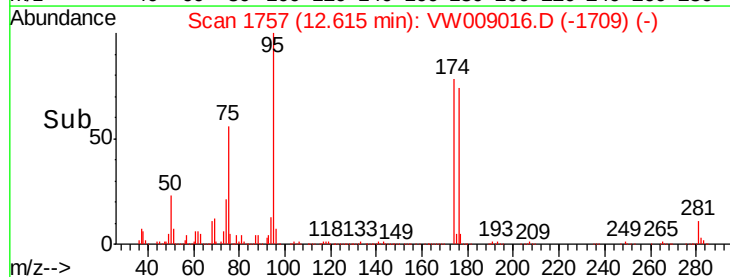
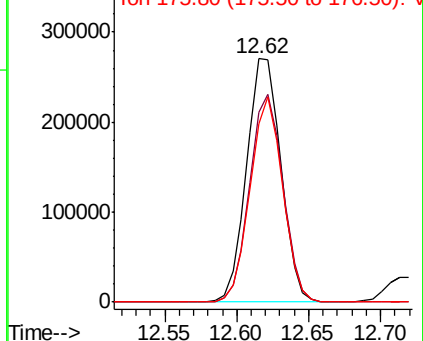
176 79.6 0.0 159.8

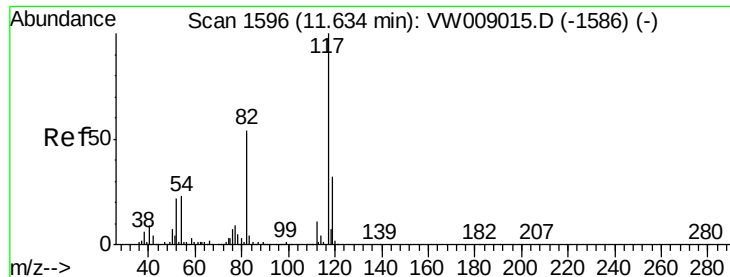


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

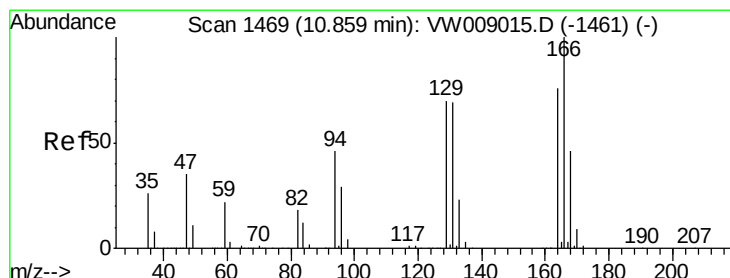
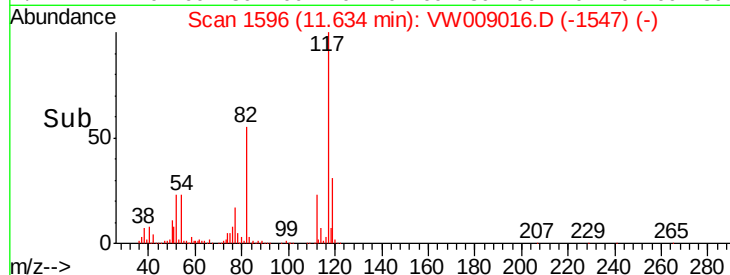
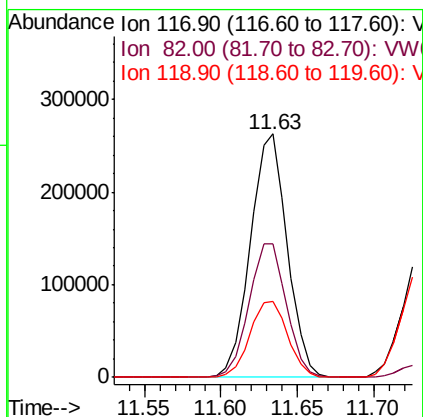
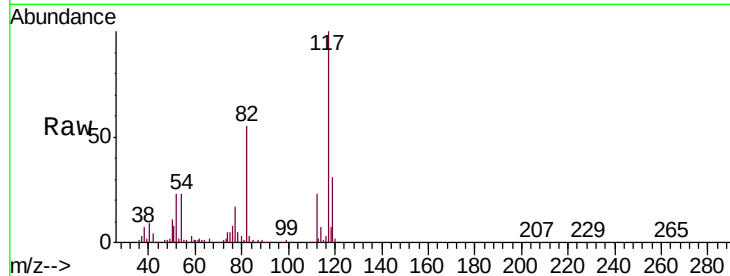




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW009016.D
Acq: 06 Mar 2019 12:34

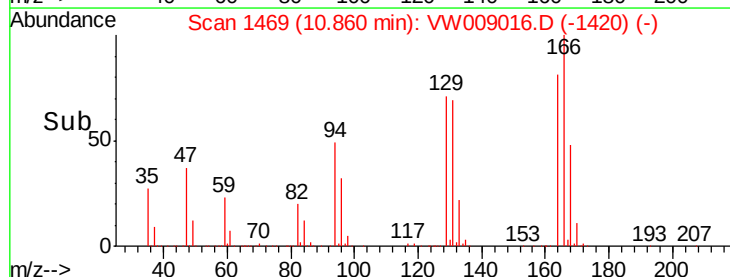
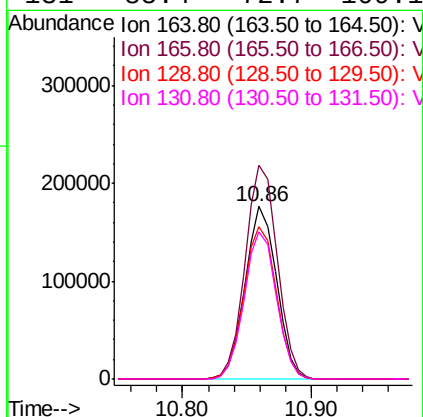
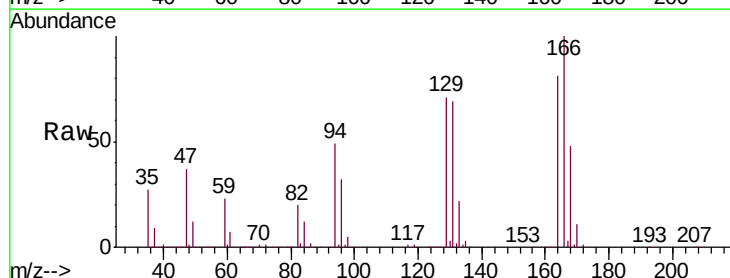
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

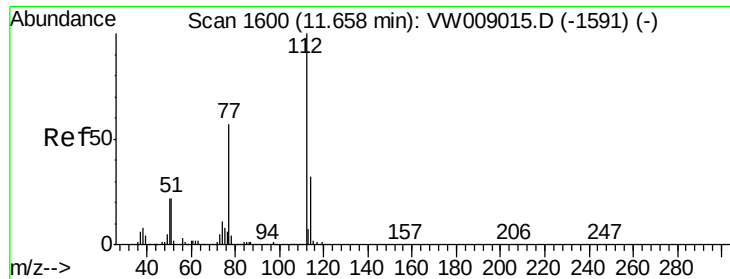
Tgt Ion:117 Resp: 439605
Ion Ratio Lower Upper
117 100
82 54.9 43.4 65.2
119 31.2 25.8 38.8



#64
Tetrachloroethene
Concen: 98.056 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VW009016.D
Acq: 06 Mar 2019 12:34

Tgt Ion:164 Resp: 297630
Ion Ratio Lower Upper
164 100
166 123.8 104.6 157.0
129 88.5 73.4 110.2
131 85.4 72.7 109.1

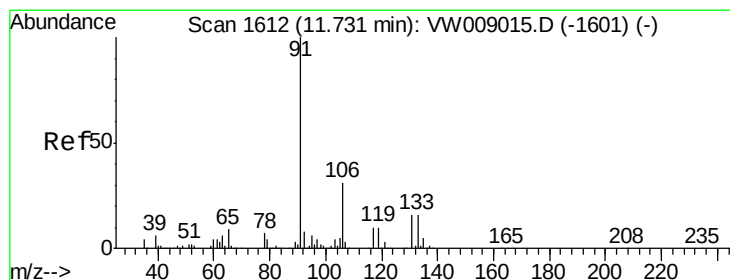
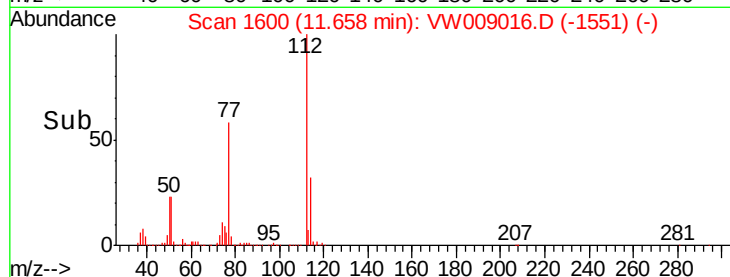
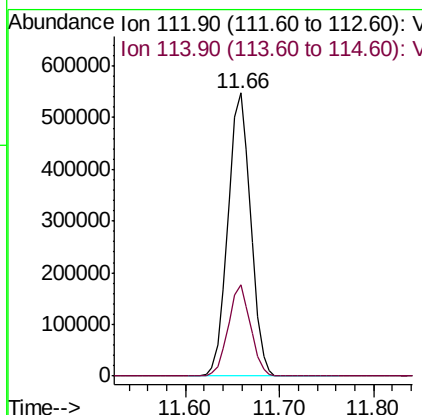
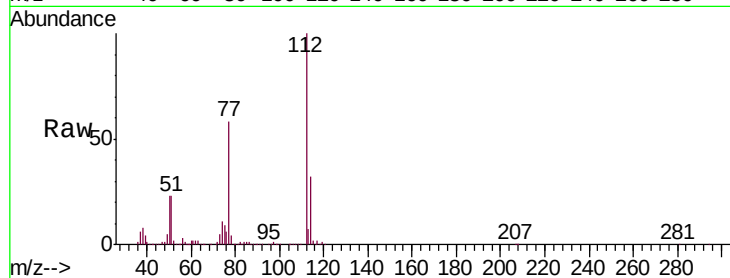




#65
Chlorobenzene
Concen: 100.263 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VW009016.D
Acq: 06 Mar 2019 12:34

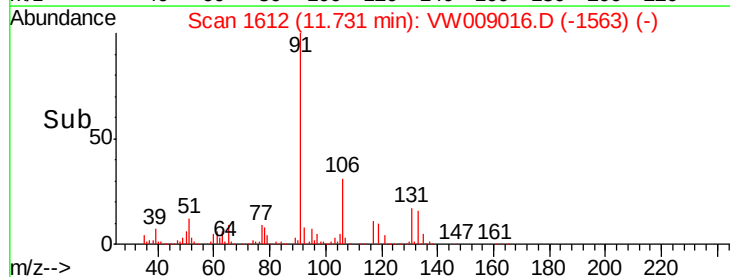
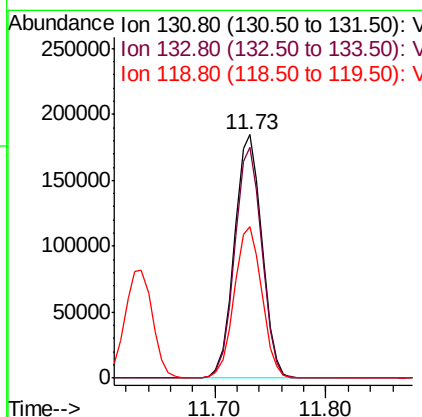
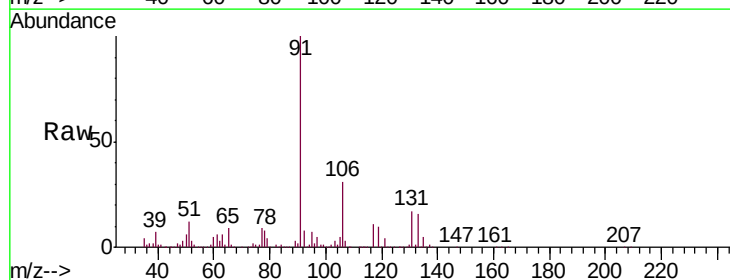
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

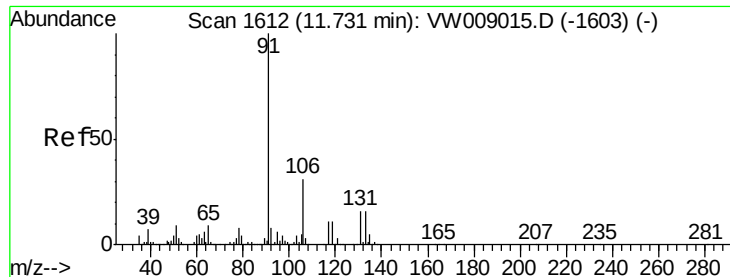
Tgt Ion:112 Resp: 914863
Ion Ratio Lower Upper
112 100
114 32.1 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 102.428 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW009016.D
Acq: 06 Mar 2019 12:34

Tgt Ion:131 Resp: 313876
Ion Ratio Lower Upper
131 100
133 94.0 48.1 144.3
119 62.4 31.1 93.5

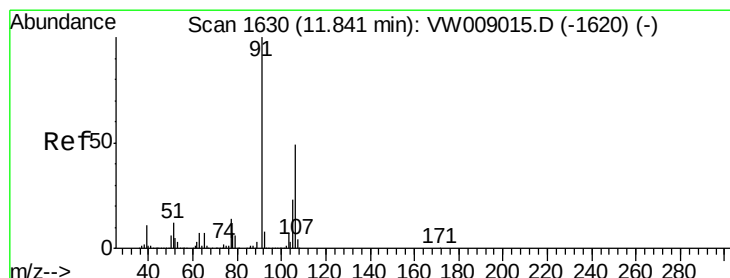
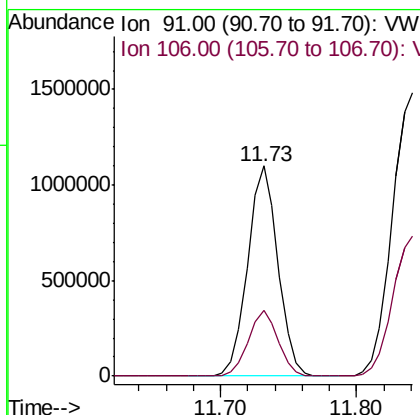
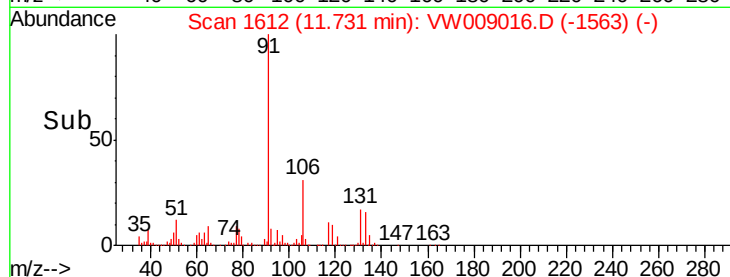
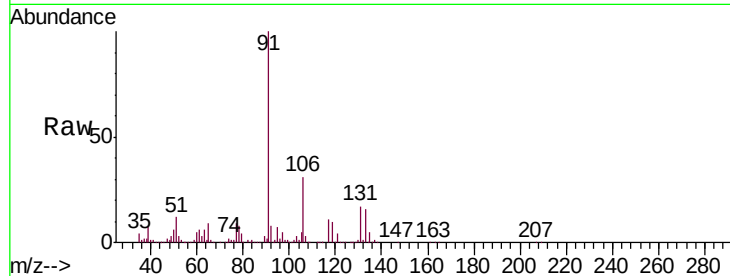




#67
Ethyl Benzene
Concen: 103.475 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW009016.D
Acq: 06 Mar 2019 12:34

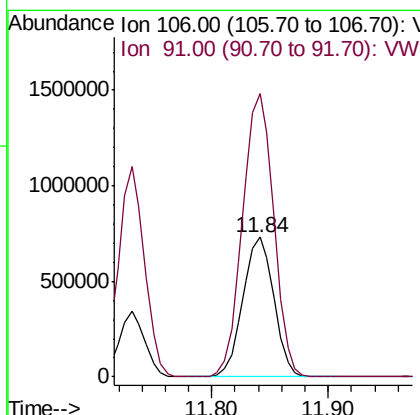
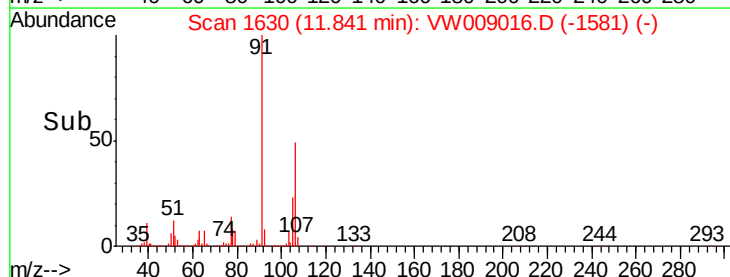
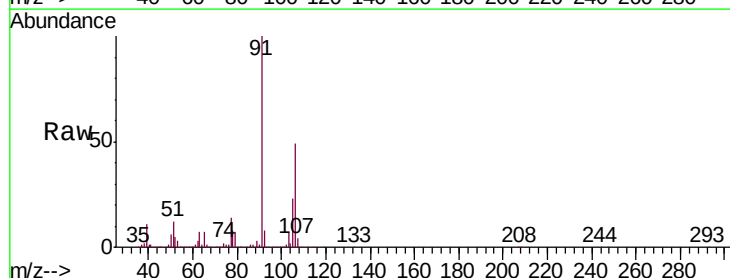
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

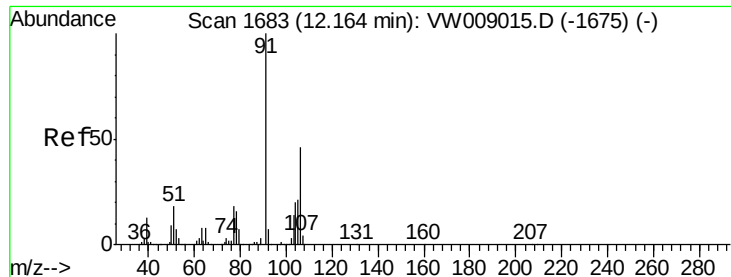
Tgt Ion: 91 Resp: 1711888
Ion Ratio Lower Upper
91 100
106 31.4 25.2 37.8



#68
m/p-Xylenes
Concen: 208.110 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VW009016.D
Acq: 06 Mar 2019 12:34

Tgt Ion: 106 Resp: 1358538
Ion Ratio Lower Upper
106 100
91 204.2 162.9 244.3

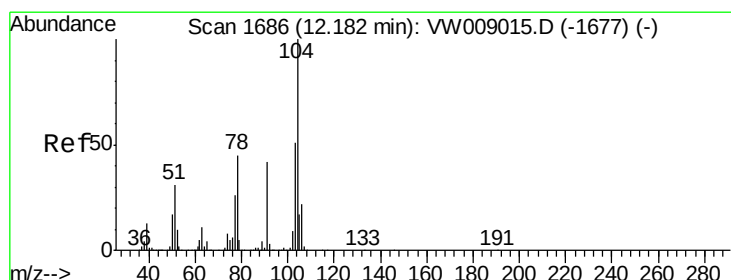
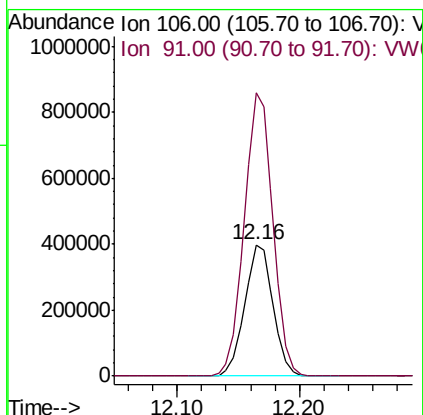
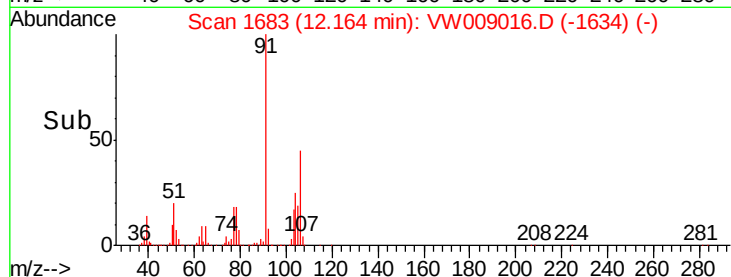
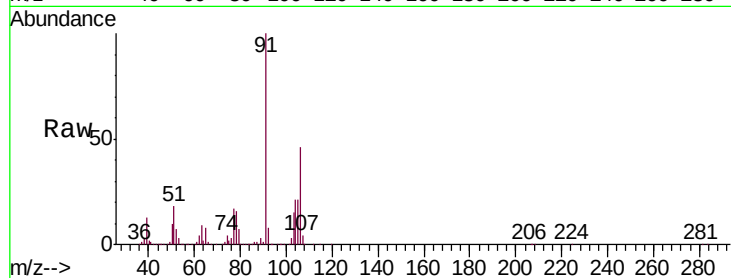




#69
o-Xylene
Concen: 104.797 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. 0.00 min
Lab File: VW009016.D
Acq: 06 Mar 2019 12:34

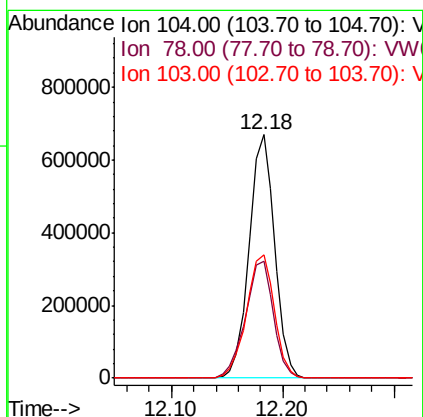
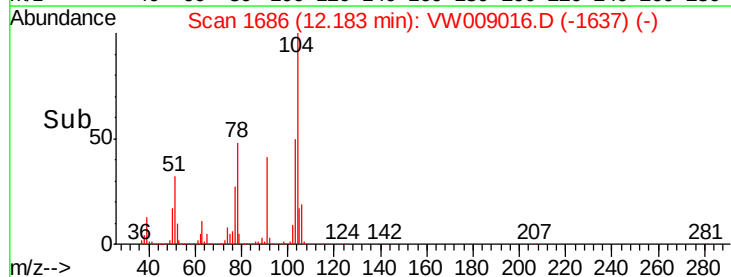
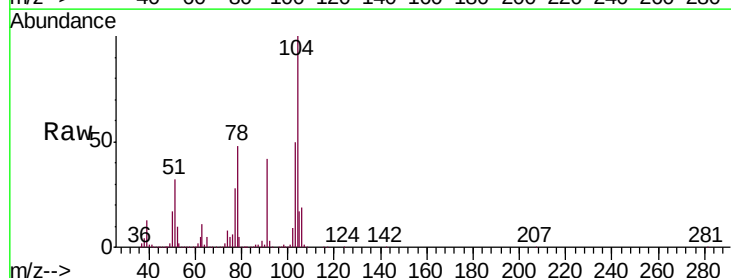
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

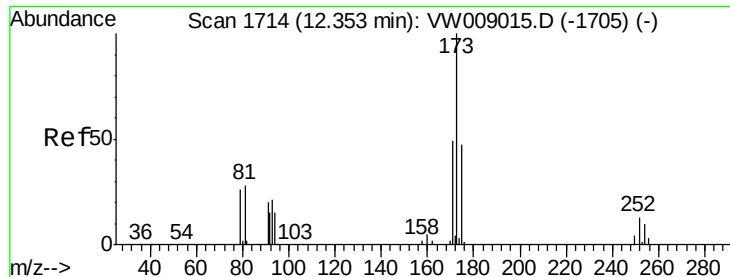
Tgt Ion:106 Resp: 638632
Ion Ratio Lower Upper
106 100
91 218.2 107.4 322.2



#70
Styrene
Concen: 108.072 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW009016.D
Acq: 06 Mar 2019 12:34

Tgt Ion:104 Resp: 1066896
Ion Ratio Lower Upper
104 100
78 52.9 41.9 62.9
103 55.5 44.9 67.3





#71

Bromoform

Concen: 106.795 ug/l

RT: 12.35 min Scan# 1713

Delta R.T. -0.01 min

Lab File: VW009016.D

Acq: 06 Mar 2019 12:34

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

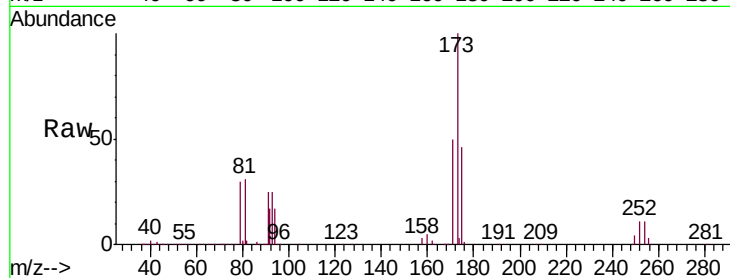
Tgt Ion:173 Resp: 174368

Ion Ratio Lower Upper

173 100

175 48.6 23.3 69.9

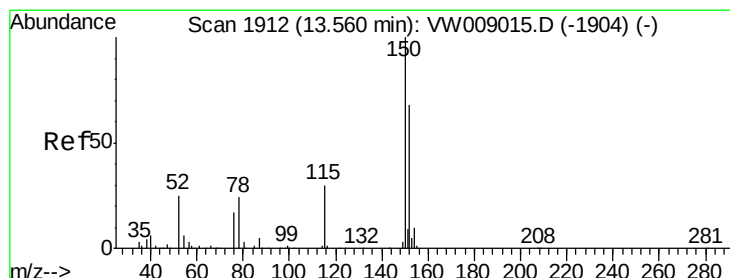
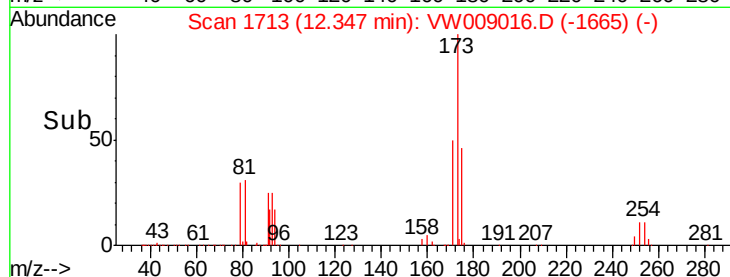
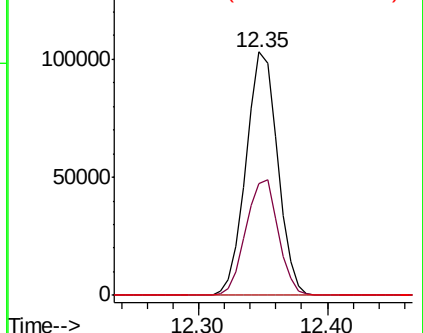
254 0.1 0.1 0.1



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. 0.00 min

Lab File: VW009016.D

Acq: 06 Mar 2019 12:34

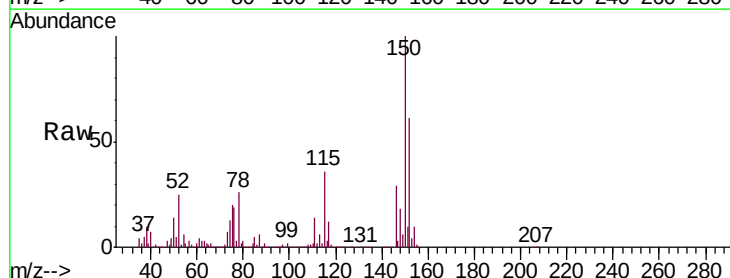
Tgt Ion:152 Resp: 245884

Ion Ratio Lower Upper

152 100

115 59.8 29.3 87.8

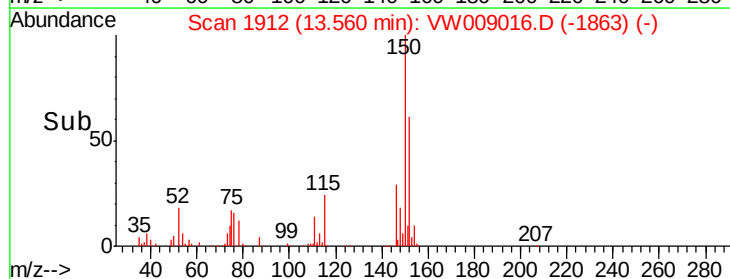
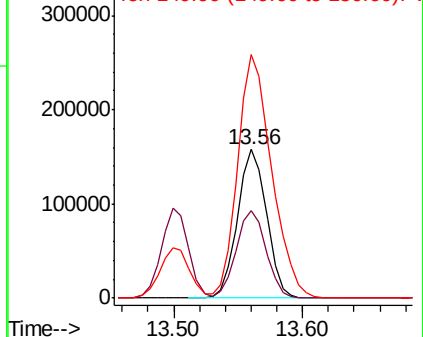
150 191.8 0.0 348.6

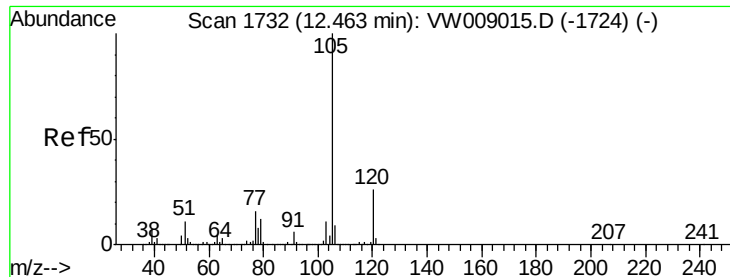


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 105.824 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VW009016.D

Acq: 06 Mar 2019 12:34

Instrument :

MSVOA_W

ClientSampleId :

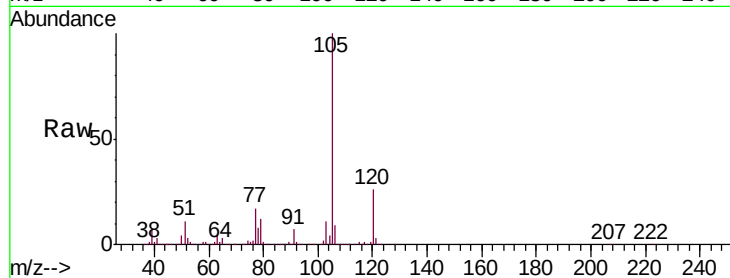
VSTDIC100

Tgt Ion:105 Resp: 1781056

Ion Ratio Lower Upper

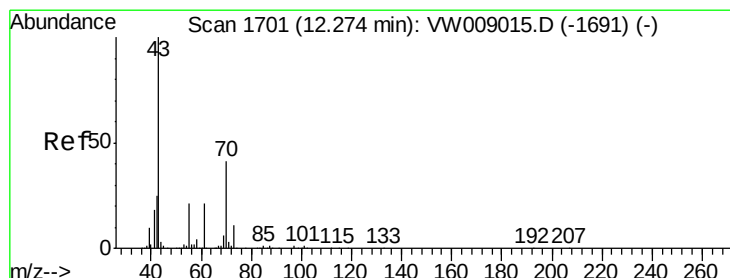
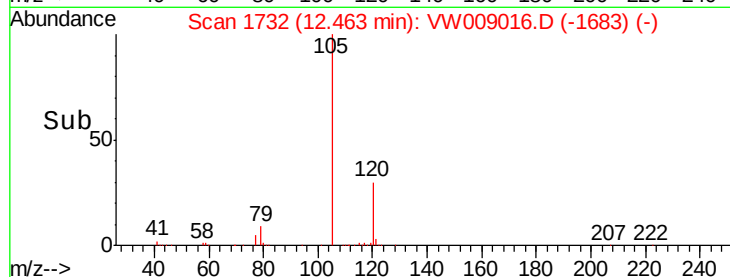
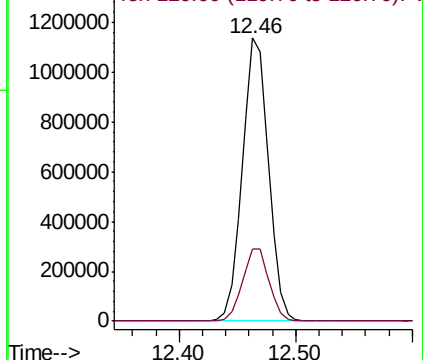
105 100

120 26.3 13.2 39.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 113.152 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. 0.00 min

Lab File: VW009016.D

Acq: 06 Mar 2019 12:34

Tgt Ion: 43 Resp: 453389

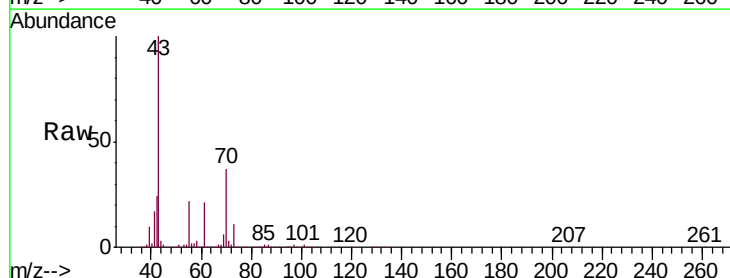
Ion Ratio Lower Upper

43 100

70 37.7 31.2 46.8

55 22.0 18.0 27.0

61 21.6 17.3 25.9

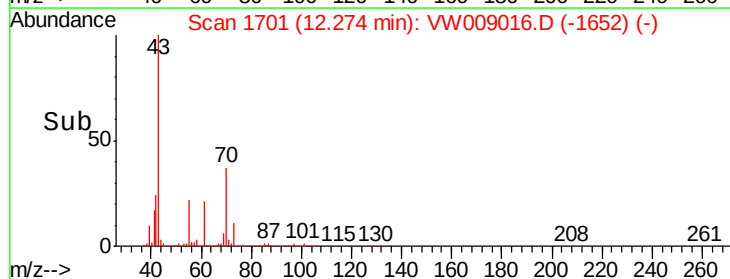
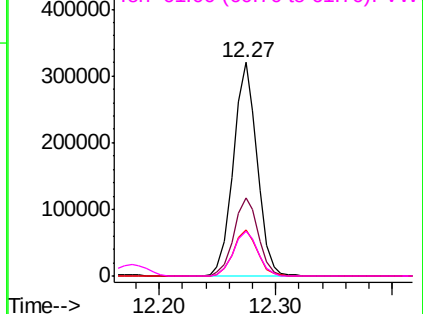


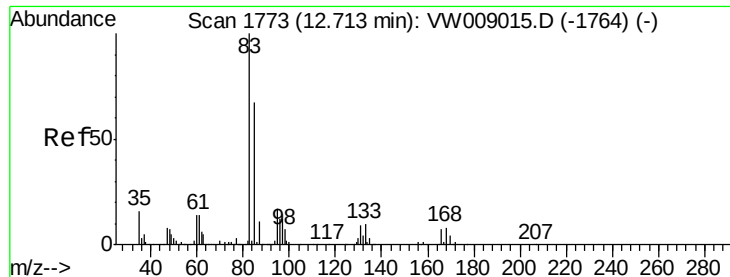
Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 70.00 (69.70 to 70.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 61.00 (60.70 to 61.70): VW





#75

1,1,2,2-Tetrachloroethane

Concen: 102.933 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. 0.00 min

Lab File: VW009016.D

Acq: 06 Mar 2019 12:34

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

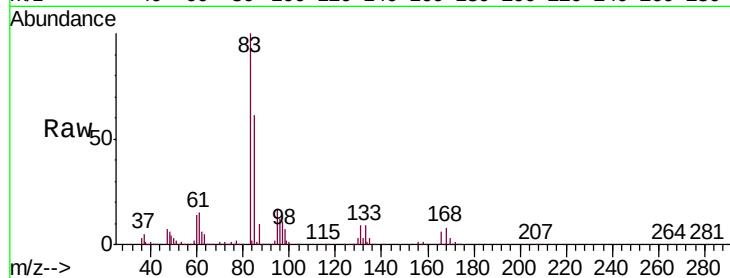
Tgt Ion: 83 Resp: 270212

Ion Ratio Lower Upper

83 100

131 10.7 5.5 16.7

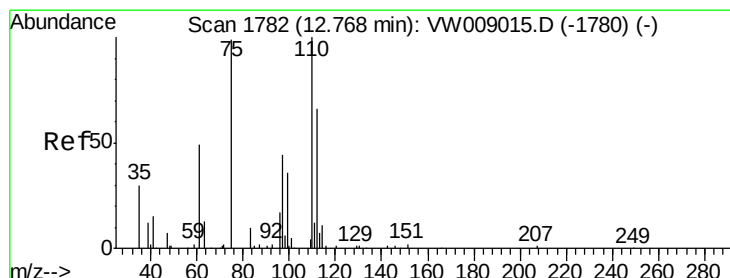
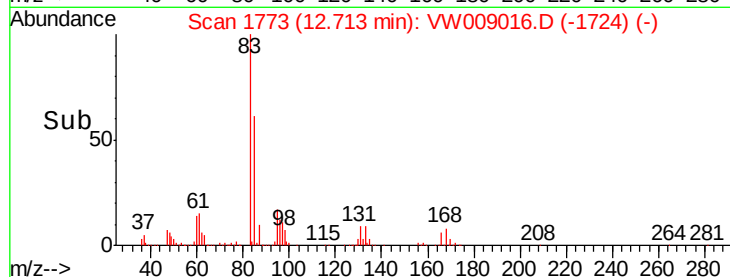
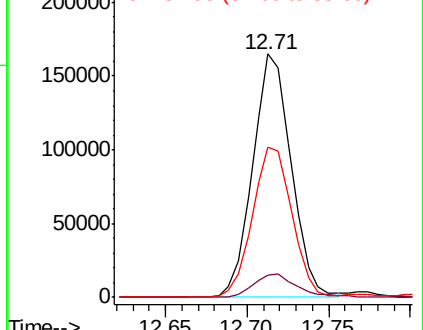
85 63.2 32.8 98.3



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): VW

Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 145.760 ug/l

RT: 12.77 min Scan# 1782

Delta R.T. 0.00 min

Lab File: VW009016.D

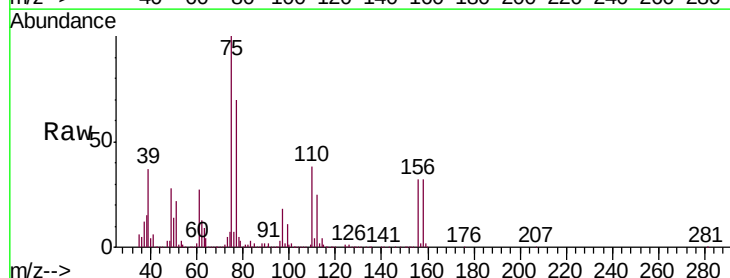
Acq: 06 Mar 2019 12:34

Tgt Ion: 75 Resp: 387349

Ion Ratio Lower Upper

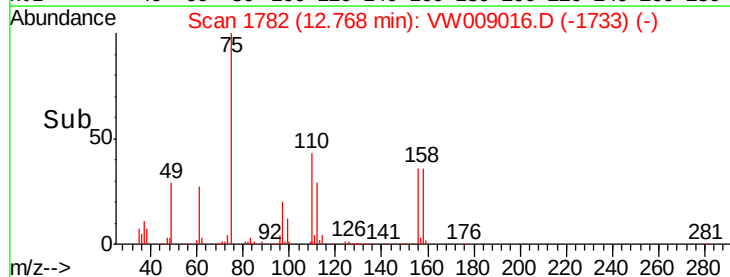
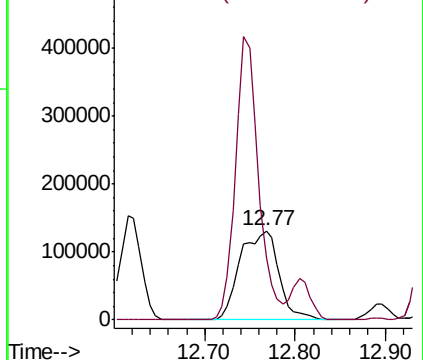
75 100

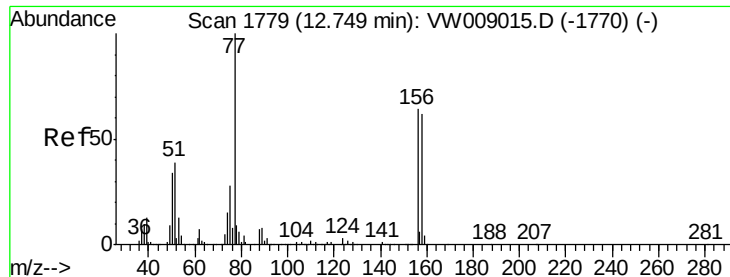
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 102.837 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VW009016.D

Acq: 06 Mar 2019 12:34

Instrument :

MSVOA_W

ClientSampled :

VSTDIC100

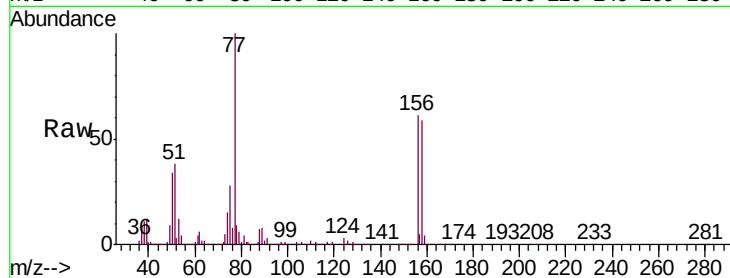
Tgt Ion:156 Resp: 391818

Ion Ratio Lower Upper

156 100

77 189.1 91.6 274.9

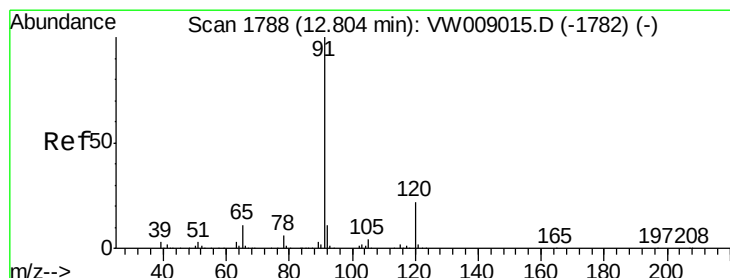
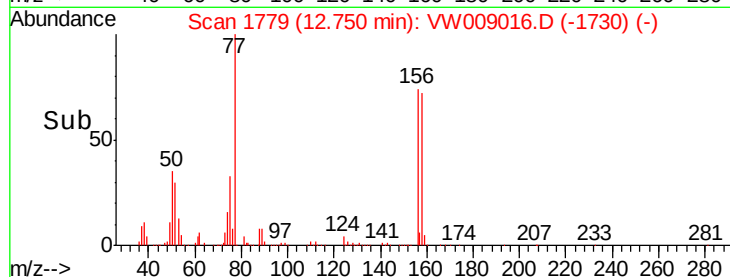
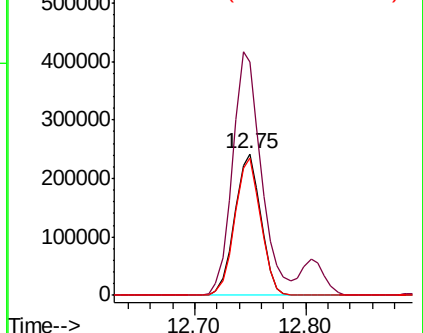
158 96.3 48.8 146.4



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: 105.785 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. 0.00 min

Lab File: VW009016.D

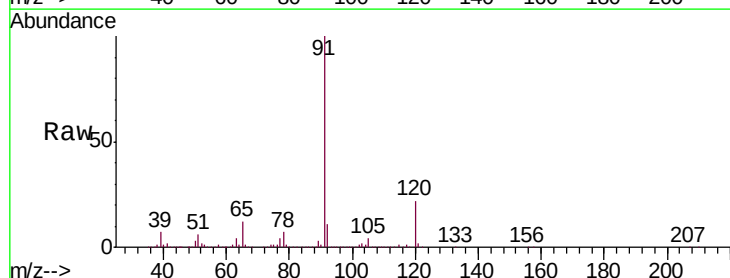
Acq: 06 Mar 2019 12:34

Tgt Ion: 91 Resp: 2185736

Ion Ratio Lower Upper

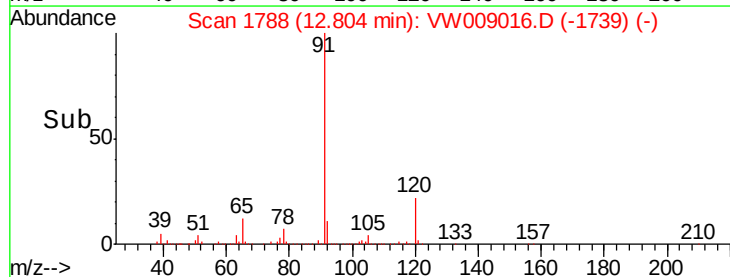
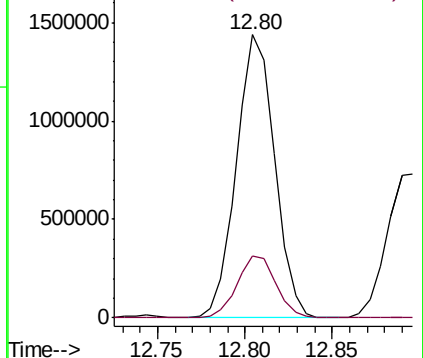
91 100

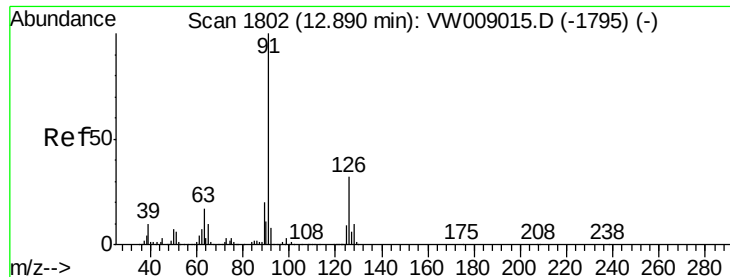
120 22.3 11.3 33.9



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V

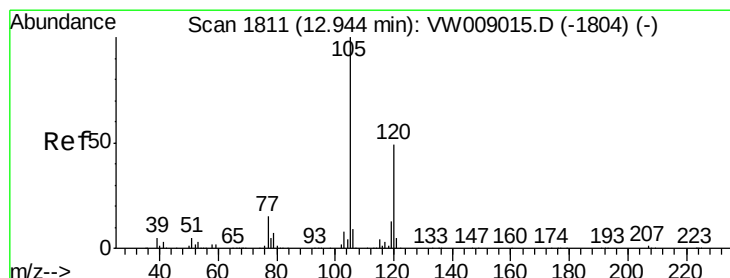
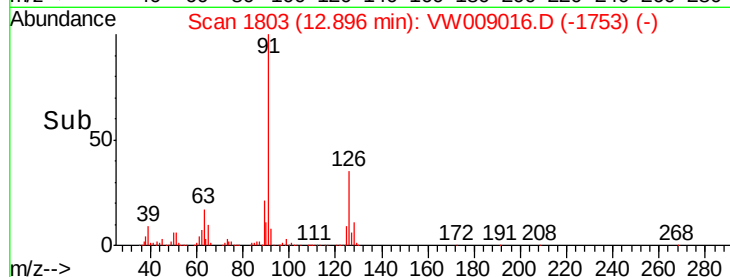
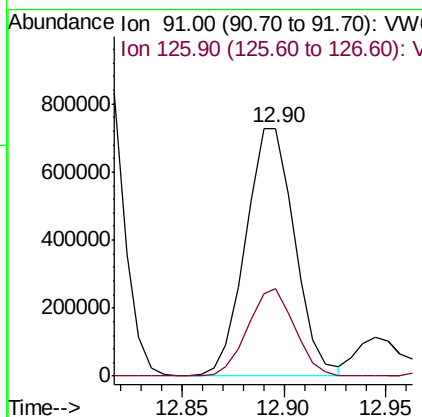
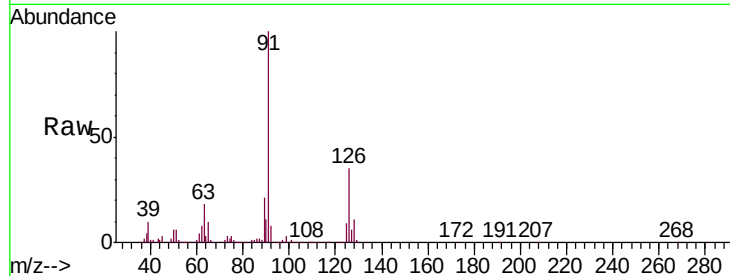




#79
 2-Chlorotoluene
 Concen: 104.404 ug/l
 RT: 12.90 min Scan# 1803
 Delta R.T. 0.01 min
 Lab File: VW009016.D
 Acq: 06 Mar 2019 12:34

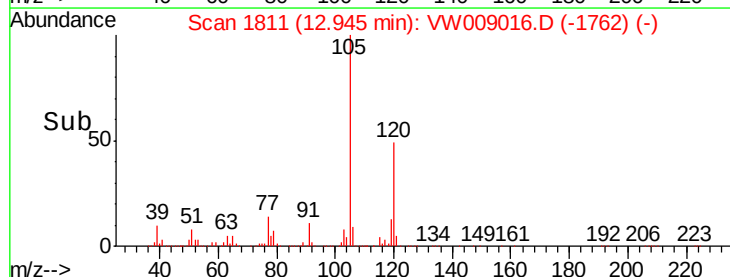
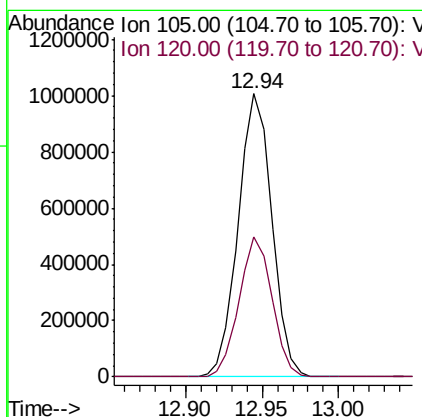
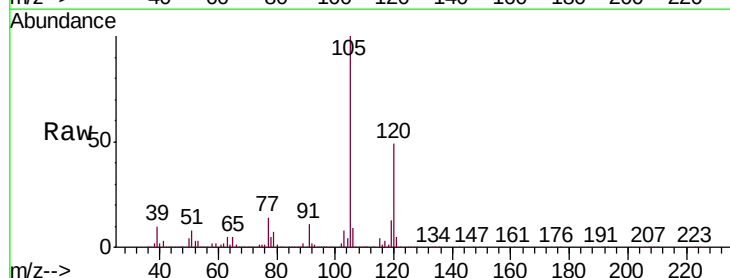
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

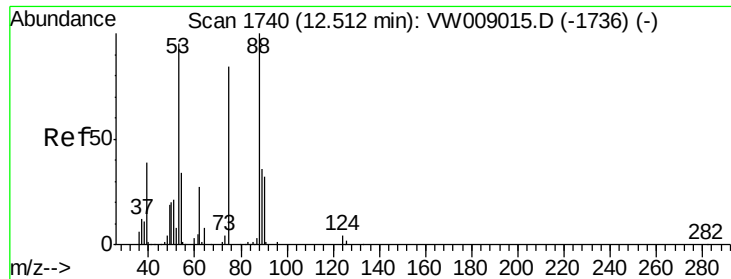
Tgt Ion: 91 Resp: 1218039
 Ion Ratio Lower Upper
 91 100
 126 33.8 16.8 50.4



#80
 1,3,5-Trimethylbenzene
 Concen: 106.408 ug/l
 RT: 12.94 min Scan# 1811
 Delta R.T. 0.00 min
 Lab File: VW009016.D
 Acq: 06 Mar 2019 12:34

Tgt Ion: 105 Resp: 1536957
 Ion Ratio Lower Upper
 105 100
 120 48.8 24.6 73.8





#81

trans-1,4-Dichloro-2-butene

Concen: 110.688 ug/l

RT: 12.51 min Scan# 1740

Delta R.T. 0.00 min

Lab File: VW009016.D

Acq: 06 Mar 2019 12:34

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

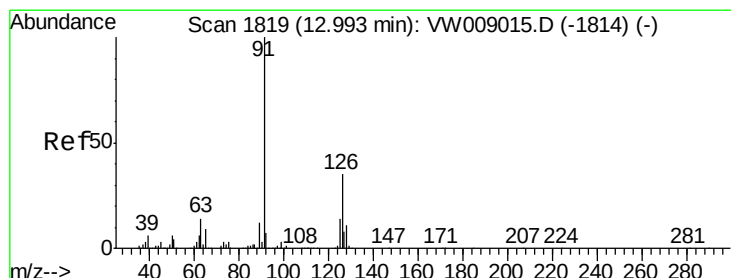
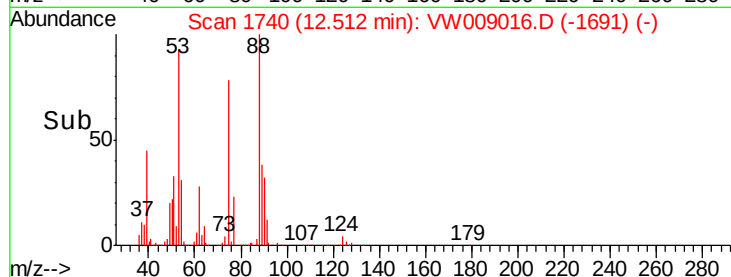
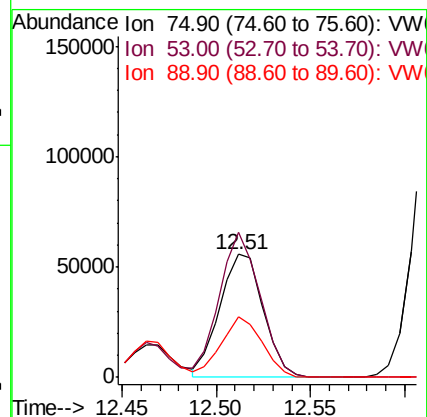
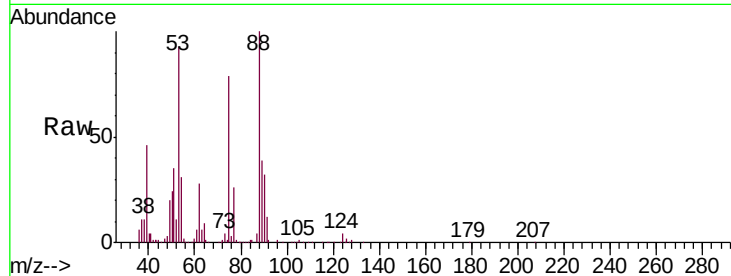
Tgt Ion: 75 Resp: 88995

Ion Ratio Lower Upper

75 100

53 112.9 88.5 132.7

89 47.0 36.3 54.5



#82

4-Chlorotoluene

Concen: 105.148 ug/l

RT: 12.99 min Scan# 1818

Delta R.T. -0.01 min

Lab File: VW009016.D

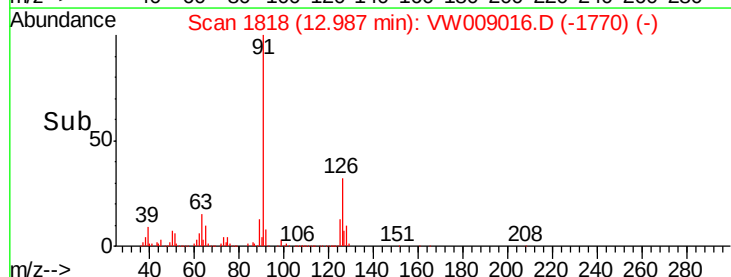
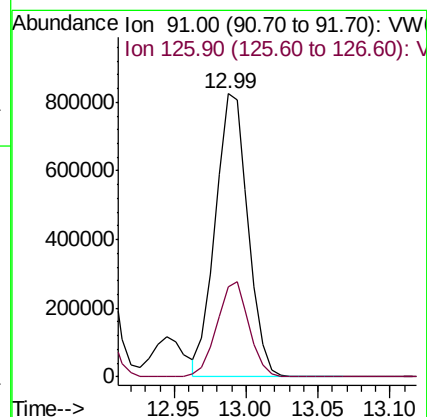
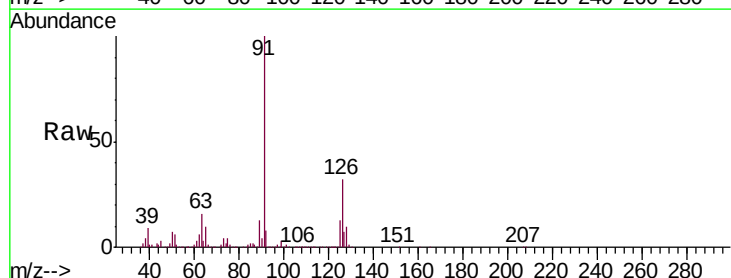
Acq: 06 Mar 2019 12:34

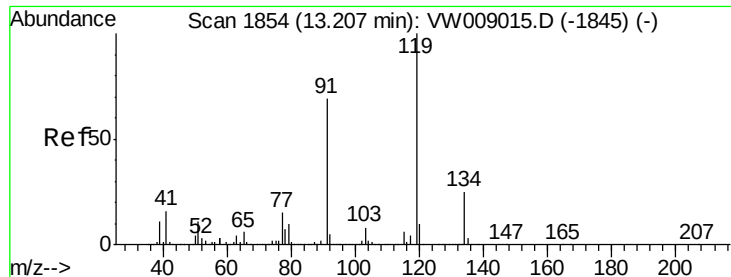
Tgt Ion: 91 Resp: 1304845

Ion Ratio Lower Upper

91 100

126 33.1 16.9 50.6

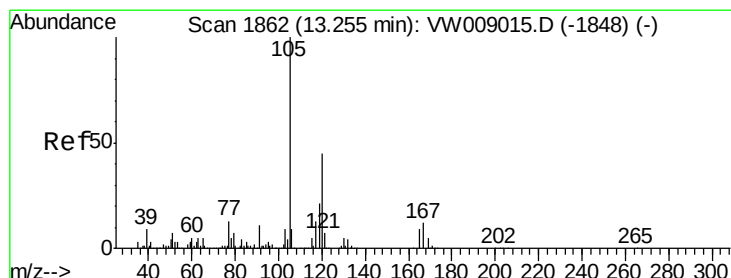
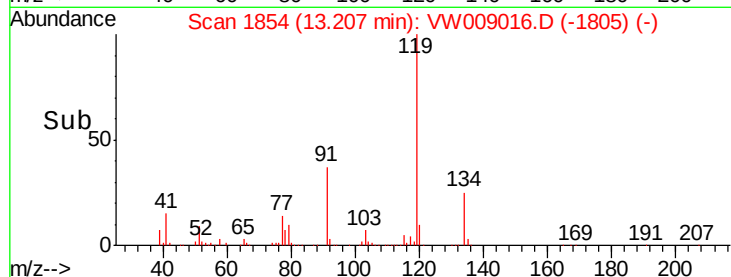
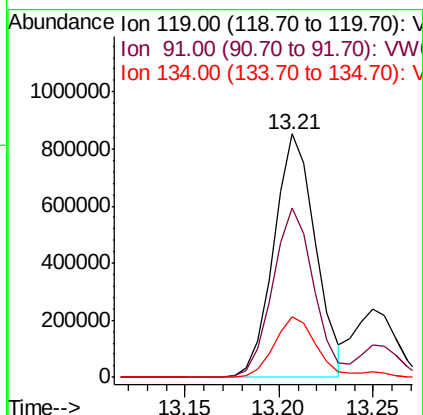
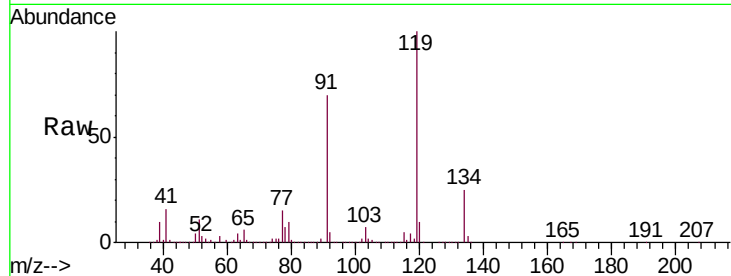




#83
 tert-Butylbenzene
 Concen: 105.098 ug/l
 RT: 13.21 min Scan# 1854
 Delta R.T. 0.00 min
 Lab File: VW009016.D
 Acq: 06 Mar 2019 12:34

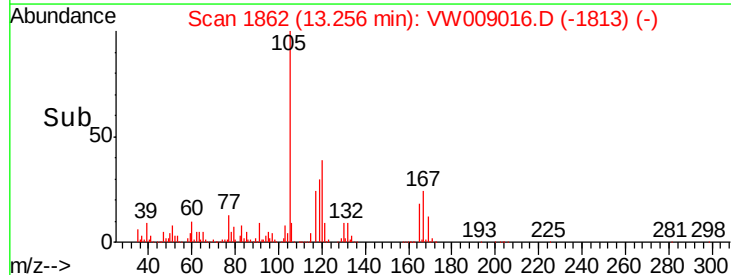
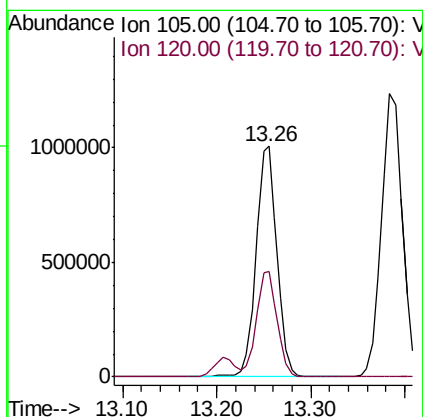
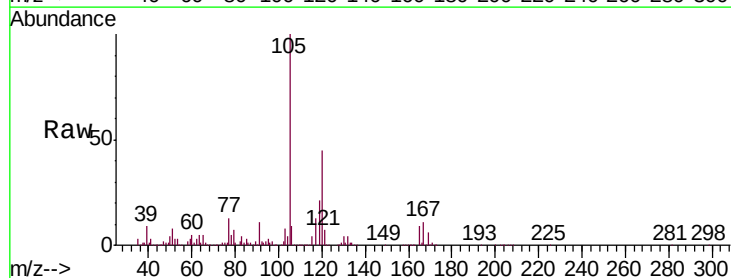
Instrument :
 MSVOA_W
 ClientSampled :
 VSTDIC100

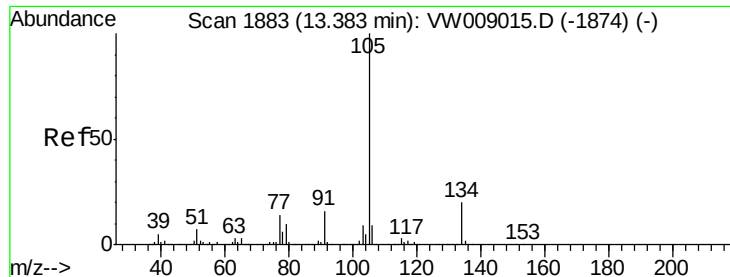
Tgt Ion:119 Resp: 1307996
 Ion Ratio Lower Upper
 119 100
 91 69.3 34.3 102.9
 134 26.8 13.6 40.8



#84
 1,2,4-Trimethylbenzene
 Concen: 106.269 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. 0.00 min
 Lab File: VW009016.D
 Acq: 06 Mar 2019 12:34

Tgt Ion:105 Resp: 1571387
 Ion Ratio Lower Upper
 105 100
 120 45.4 22.6 67.7

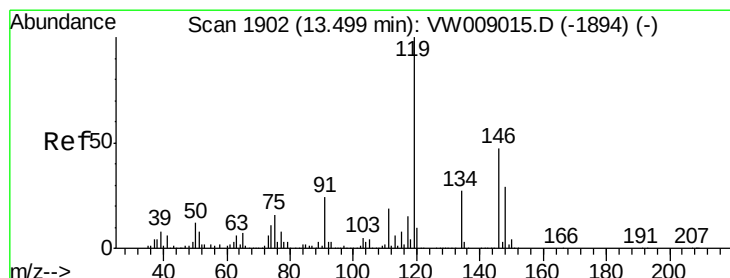
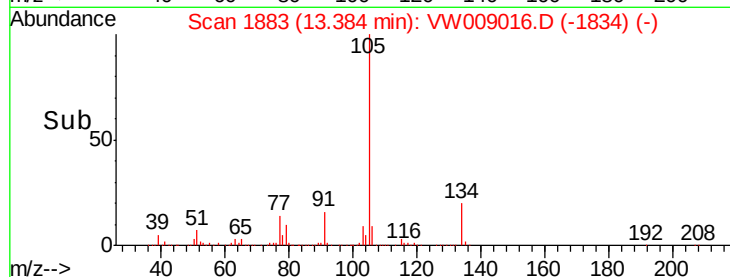
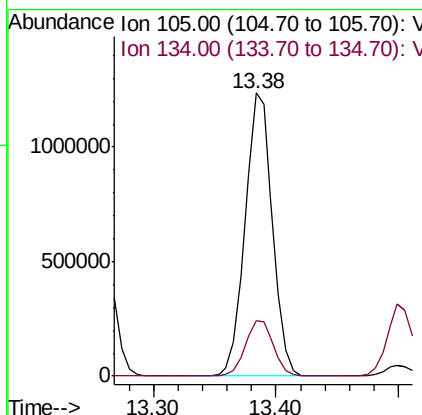
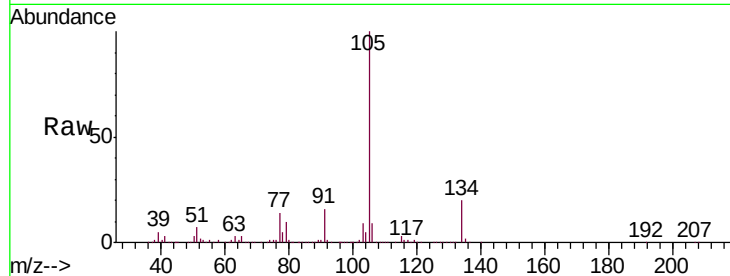




#85
 sec-Butylbenzene
 Concen: 105.091 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. 0.00 min
 Lab File: VW009016.D
 Acq: 06 Mar 2019 12:34

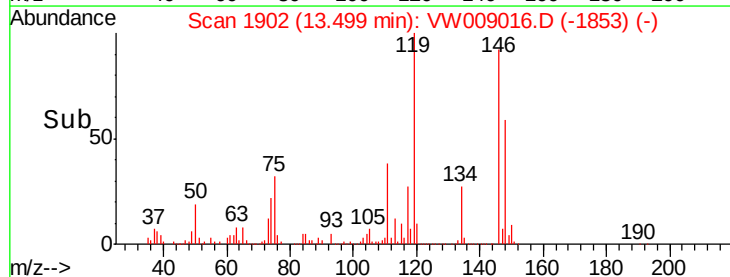
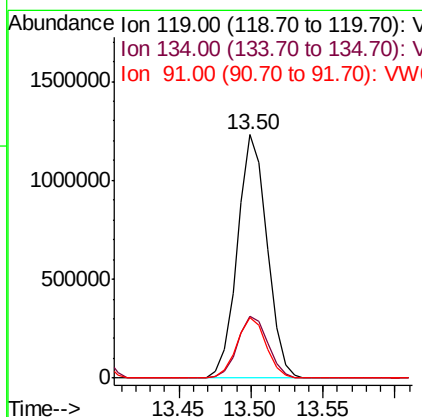
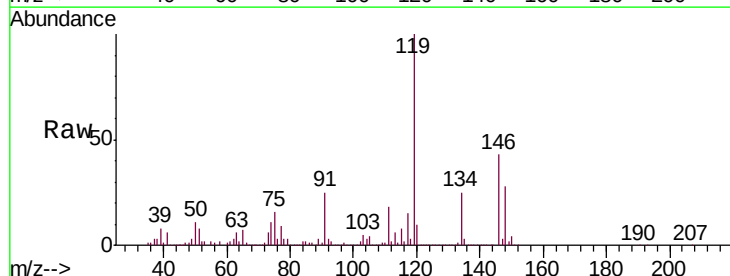
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

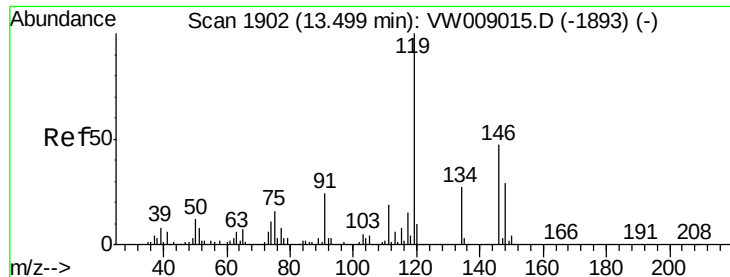
Tgt Ion:105 Resp: 1907941
 Ion Ratio Lower Upper
 105 100
 134 20.2 10.2 30.6



#86
 p-Isopropyltoluene
 Concen: 107.544 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: VW009016.D
 Acq: 06 Mar 2019 12:34

Tgt Ion:119 Resp: 1757408
 Ion Ratio Lower Upper
 119 100
 134 26.0 13.0 38.9
 91 24.7 12.1 36.3

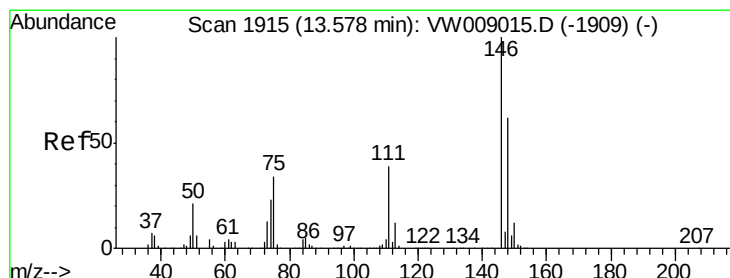
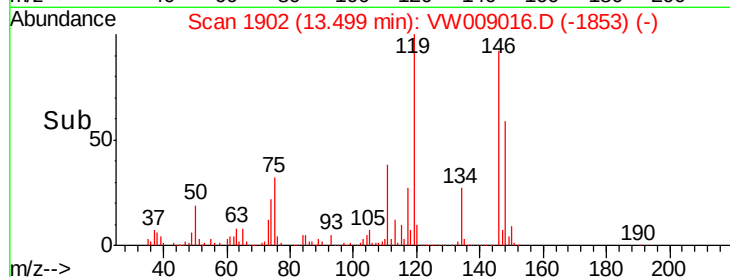
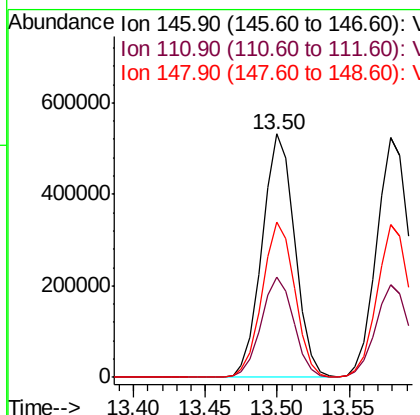
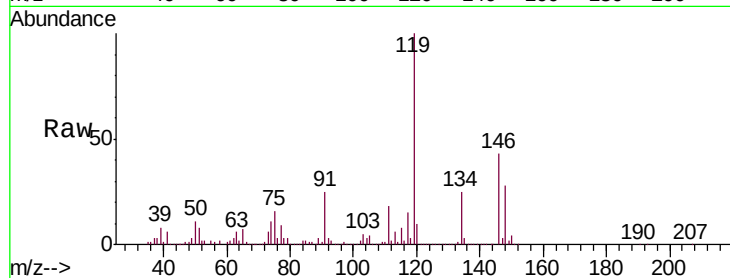




#87
 1,3-Dichlorobenzene
 Concen: 102.253 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: VW009016.D
 Acq: 06 Mar 2019 12:34

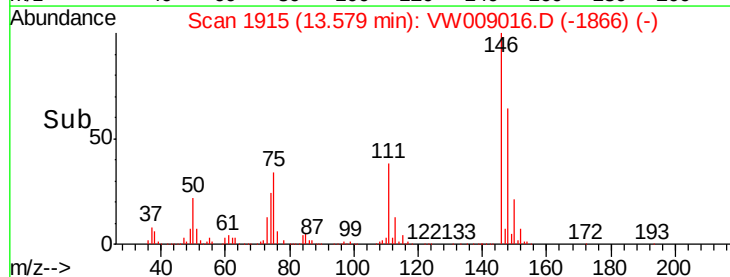
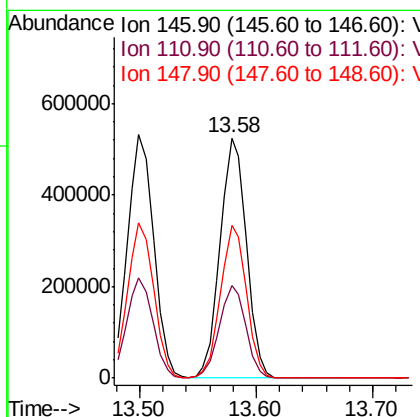
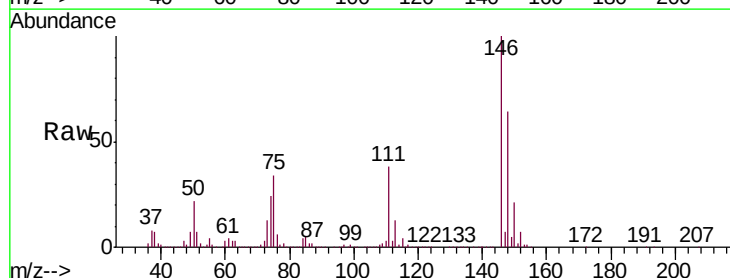
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

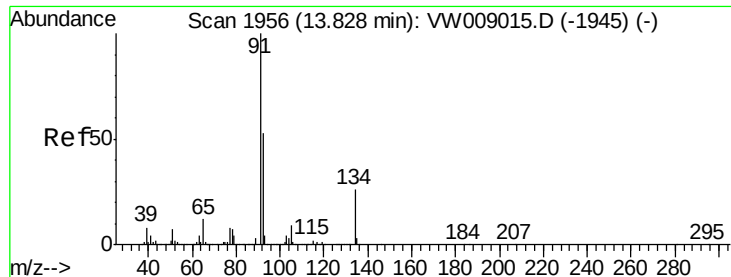
Tgt Ion:146 Resp: 834046
 Ion Ratio Lower Upper
 146 100
 111 40.9 19.6 58.7
 148 63.6 31.7 95.1



#88
 1,4-Dichlorobenzene
 Concen: 101.047 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. 0.00 min
 Lab File: VW009016.D
 Acq: 06 Mar 2019 12:34

Tgt Ion:146 Resp: 817467
 Ion Ratio Lower Upper
 146 100
 111 38.5 19.9 59.7
 148 63.1 31.7 95.1





#89

n-Butylbenzene

Concen: 107.688 ug/l

RT: 13.83 min Scan# 1956

Delta R.T. 0.00 min

Lab File: VW009016.D

Acq: 06 Mar 2019 12:34

Instrument :

MSVOA_W

ClientSampled :

VSTDIC100

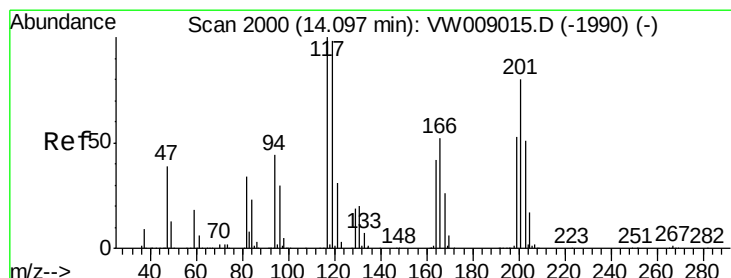
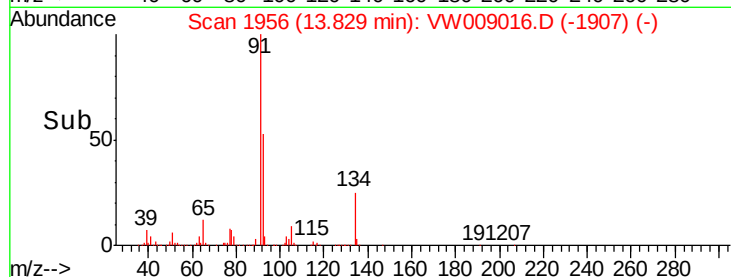
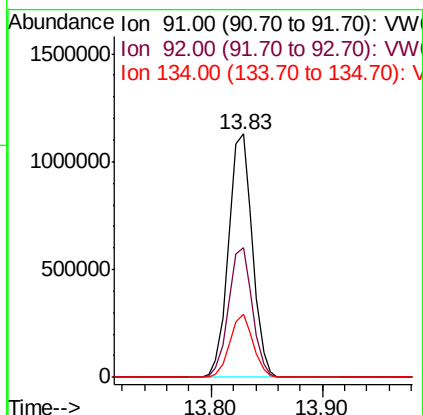
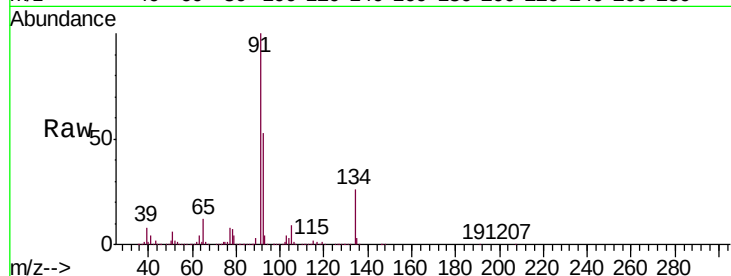
Tgt Ion: 91 Resp: 1666036

Ion Ratio Lower Upper

91 100

92 53.3 26.7 80.0

134 25.4 13.0 39.0



#90

Hexachloroethane

Concen: 104.202 ug/l

RT: 14.10 min Scan# 2000

Delta R.T. 0.00 min

Lab File: VW009016.D

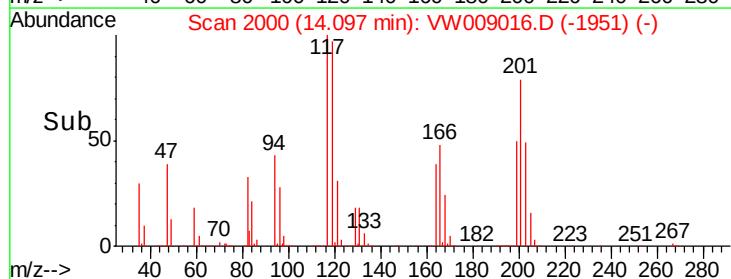
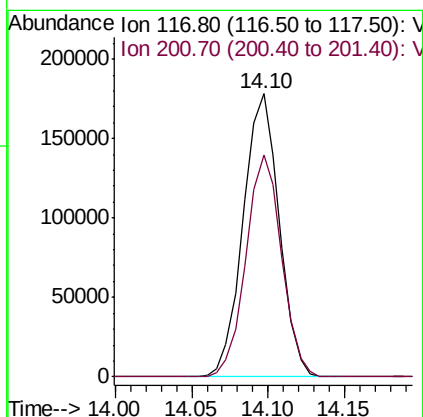
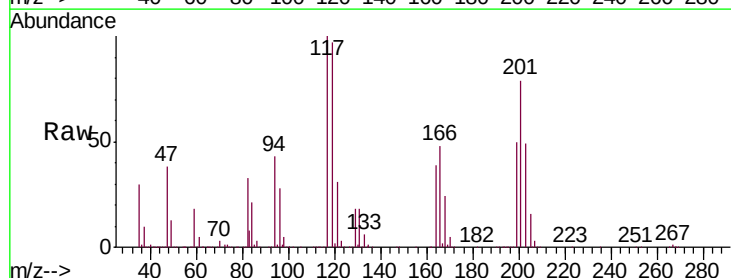
Acq: 06 Mar 2019 12:34

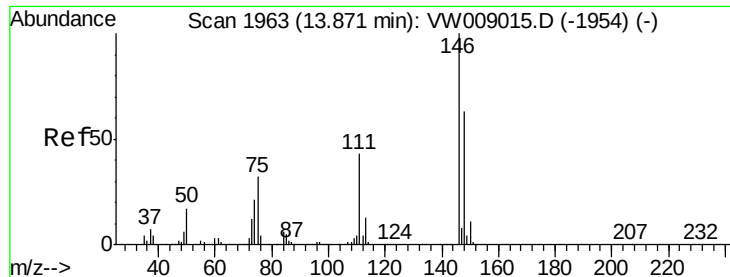
Tgt Ion: 117 Resp: 291716

Ion Ratio Lower Upper

117 100

201 77.6 38.9 116.6

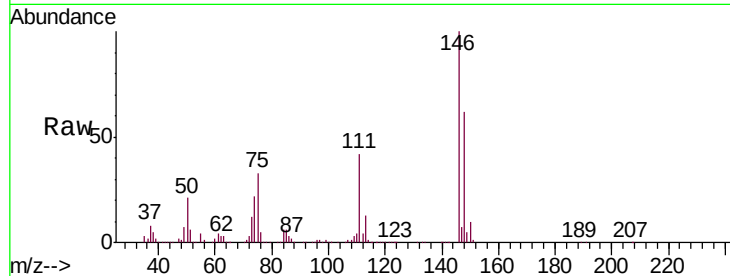




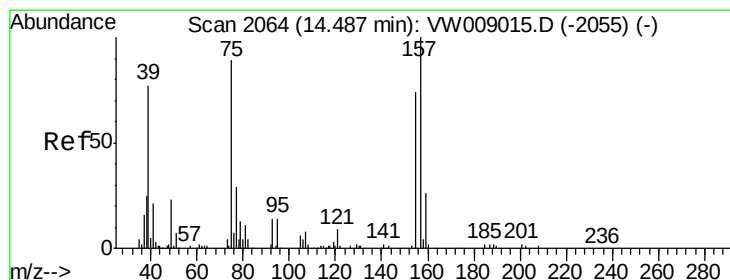
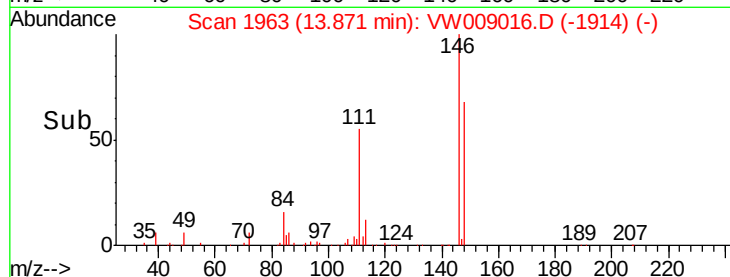
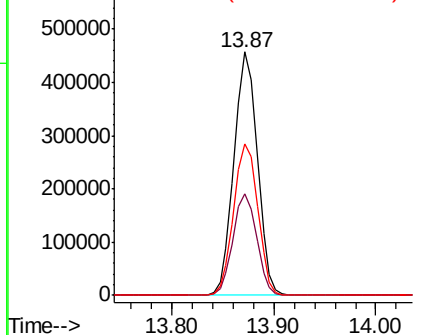
#91
 1,2-Dichlorobenzene
 Concen: 101.496 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. 0.00 min
 Lab File: VW009016.D
 Acq: 06 Mar 2019 12:34

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

Tgt Ion: 146 Resp: 724324
 Ion Ratio Lower Upper
 146 100
 111 42.2 20.8 62.4
 148 64.3 31.8 95.3

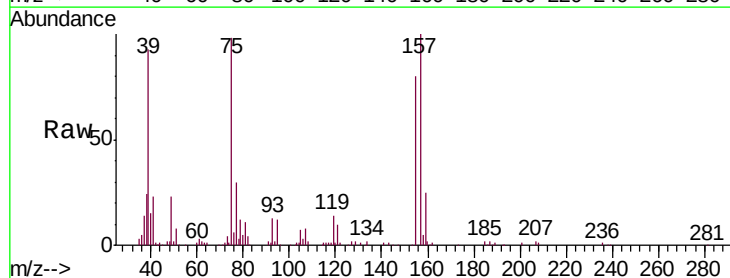


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

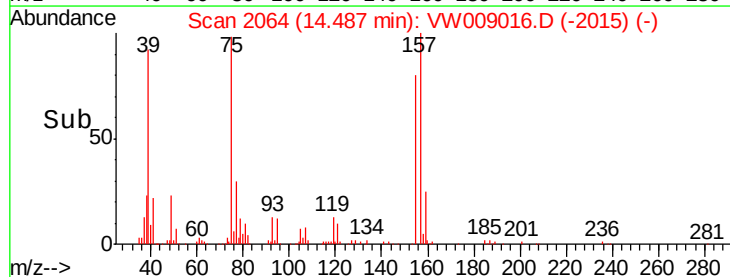
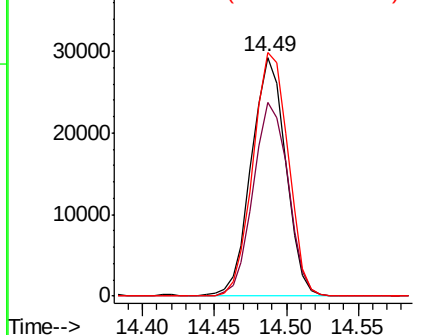


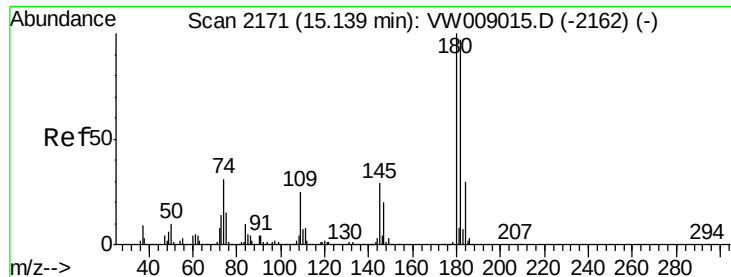
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 100.284 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. 0.00 min
 Lab File: VW009016.D
 Acq: 06 Mar 2019 12:34

Tgt Ion: 75 Resp: 48117
 Ion Ratio Lower Upper
 75 100
 155 82.9 41.4 124.4
 157 104.5 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

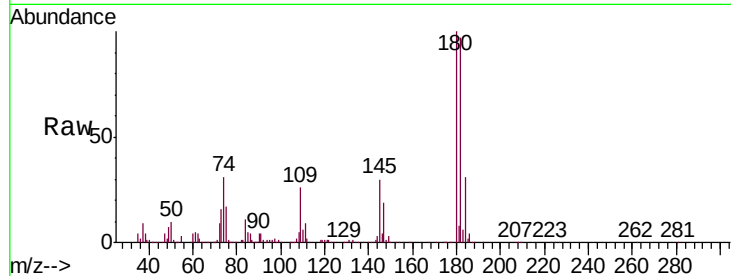




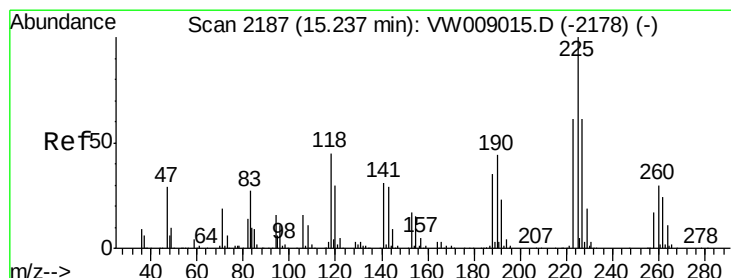
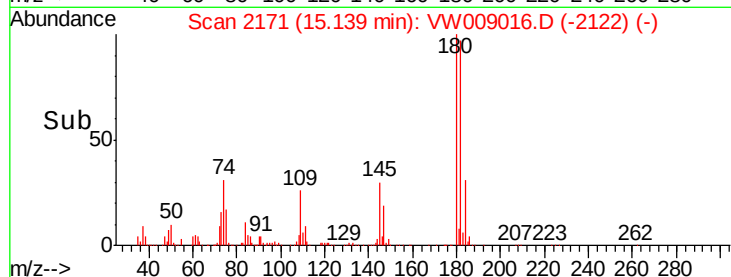
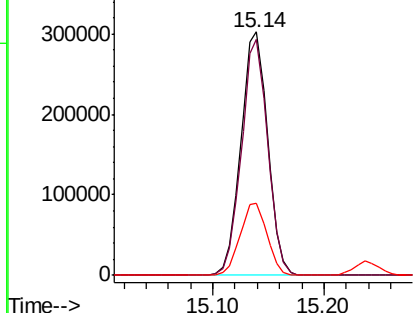
#93
 1,2,4-Trichlorobenzene
 Concen: 103.126 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. 0.00 min
 Lab File: VW009016.D
 Acq: 06 Mar 2019 12:34

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

Tgt Ion:180 Resp: 503950
 Ion Ratio Lower Upper
 180 100
 182 94.6 47.6 142.9
 145 29.8 14.7 44.1

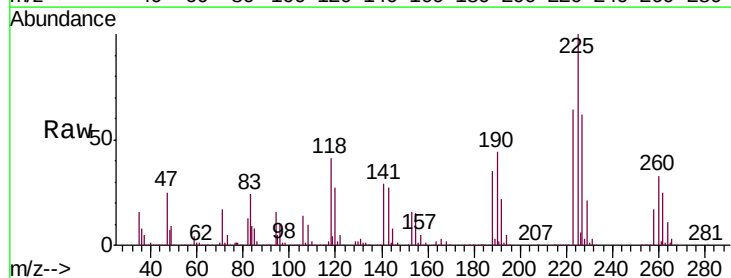


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

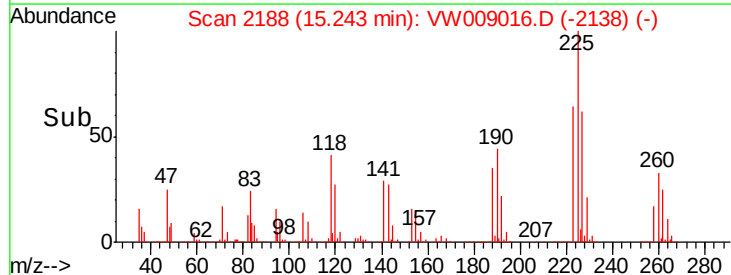
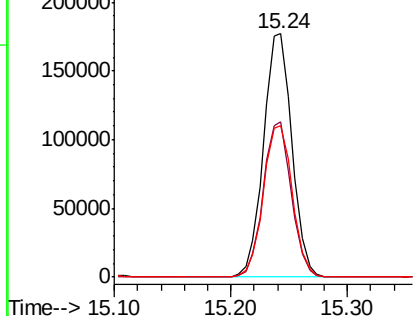


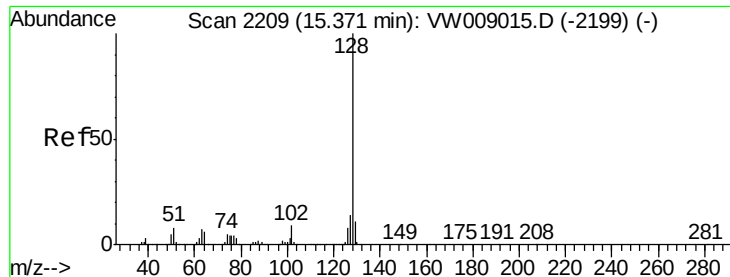
#94
 Hexachlorobutadiene
 Concen: 96.926 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. 0.01 min
 Lab File: VW009016.D
 Acq: 06 Mar 2019 12:34

Tgt Ion:225 Resp: 301066
 Ion Ratio Lower Upper
 225 100
 223 63.0 30.6 91.8
 227 63.4 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

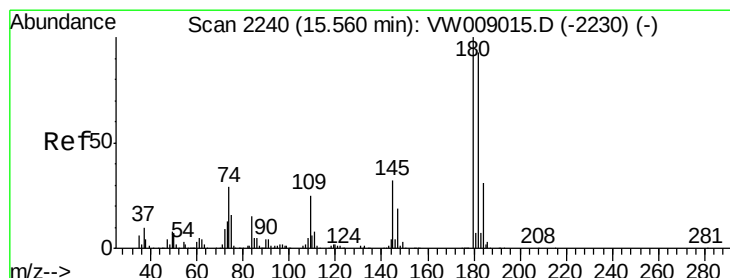
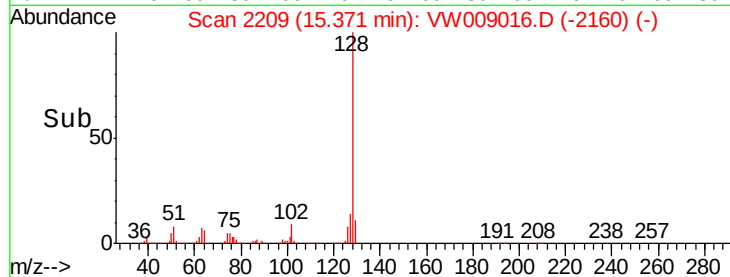
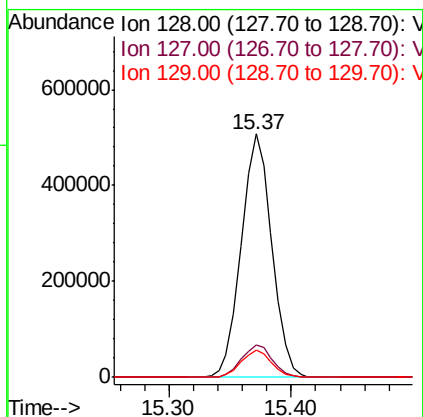
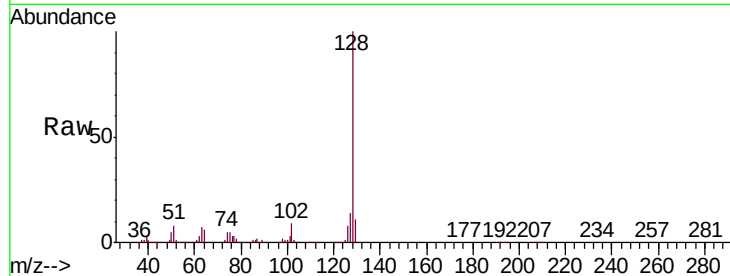




#95
Naphthalene
Concen: 110.751 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. 0.00 min
Lab File: VW009016.D
Acq: 06 Mar 2019 12:34

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

Tgt Ion:128 Resp: 877514
Ion Ratio Lower Upper
128 100
127 13.5 11.0 16.4
129 11.0 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 100.750 ug/l
RT: 15.56 min Scan# 2240
Delta R.T. 0.00 min
Lab File: VW009016.D
Acq: 06 Mar 2019 12:34

Tgt Ion:180 Resp: 426271
Ion Ratio Lower Upper
180 100
182 96.7 47.3 141.8
145 32.2 15.4 46.2

