

Data File : VW009020.D
Acq On : 06 Mar 2019 17:29
Operator : SY/VA
Sample : VW0306SBS01
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW0306SBS01

Quant Time: Mar 07 07:26:13 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W030619S.M
Quant Title : SW846 8260
QLast Update : Thu Mar 07 07:22:06 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	323703	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	470030	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	455174	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	245373	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	160041	49.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.56%	
35) Dibromofluoromethane	7.88	113	136484	48.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.48%	
50) Toluene-d8	10.32	98	572963	49.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.56%	
62) 4-Bromofluorobenzene	12.62	95	216856	48.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.58%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.00	85	65126	20.253	ug/l	97
3) Chloromethane	2.21	50	80116	19.780	ug/l	99
4) Vinyl Chloride	2.36	62	76844	18.932	ug/l	96
5) Bromomethane	2.77	94	78622	22.058	ug/l	97
6) Chloroethane	2.91	64	55933	19.436	ug/l	97
7) Trichlorofluoromethane	3.25	101	102613	19.626	ug/l	99
8) Diethyl Ether	3.68	74	31881	19.534	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.06	101	64128	19.766	ug/l	97
10) Methyl Iodide	4.27	142	58046	19.494	ug/l	99
11) Tert butyl alcohol	5.21	59	15564	66.856	ug/l #	91
12) 1,1-Dichloroethene	4.03	96	57443	20.319	ug/l	97
13) Acrolein	3.90	56	28703	107.786	ug/l	100
14) Allyl chloride	4.67	41	93196	19.067	ug/l	98
15) Acrylonitrile	5.37	53	65519	93.770	ug/l #	87
16) Acetone	4.14	43	62069	93.054	ug/l	100
17) Carbon Disulfide	4.38	76	177603	18.745	ug/l	100
18) Methyl Acetate	4.68	43	27948	18.380	ug/l	96
19) Methyl tert-butyl Ether	5.42	73	145679	19.906	ug/l	95
20) Methylene Chloride	4.91	84	68185	18.739	ug/l	99
21) trans-1,2-Dichloroethene	5.42	96	62655	19.375	ug/l	93
22) Diisopropyl ether	6.31	45	190040	19.471	ug/l	95
23) Vinyl Acetate	6.26	43	595263	97.926	ug/l	98
24) 1,1-Dichloroethane	6.21	63	109144	19.233	ug/l	96
25) 2-Butanone	7.18	43	90877	95.773	ug/l	99
26) 2,2-Dichloropropane	7.17	77	101278	19.510	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	67531	19.837	ug/l	97
28) Bromochloromethane	7.51	49	49183	19.965	ug/l	97
29) Tetrahydrofuran	7.53	42	55375	92.892	ug/l	99
30) Chloroform	7.67	83	109148	18.785	ug/l	95
31) Cyclohexane	7.95	56	113527	19.453	ug/l	89
32) 1,1,1-Trichloroethane	7.87	97	104499	19.581	ug/l	100
36) 1,1-Dichloropropene	8.08	75	93494	20.005	ug/l	99
37) Ethyl Acetate	7.25	43	40346	19.517	ug/l	99
38) Carbon Tetrachloride	8.06	117	95952	19.839	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.33	83	107946	19.119	ug/l	99
40) Benzene	8.32	78	242509	19.238	ug/l	99
41) Methacrylonitrile	7.48	41	24128	19.677	ug/l	92
42) 1,2-Dichloroethane	8.40	62	77370	19.123	ug/l	99
43) Isopropyl Acetate	8.42	43	77012	18.951	ug/l	99
44) Trichloroethene	9.09	130	66995	19.060	ug/l	100
45) 1,2-Dichloropropane	9.37	63	60934	19.498	ug/l	99
46) Dibromomethane	9.46	93	32958	19.116	ug/l	99
47) Bromodichloromethane	9.64	83	82551	19.100	ug/l	99
48) Methyl methacrylate	9.43	41	37759	19.664	ug/l	97
49) 1,4-Dioxane	9.47	88	9288	394.079	ug/l #	94
51) 4-Methyl-2-Pentanone	10.21	43	191604	93.238	ug/l	99
52) Toluene	10.38	92	161606	18.990	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	81540	19.019	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	93829	19.171	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	45478	19.421	ug/l	96
56) Ethyl methacrylate	10.65	69	55619	19.202	ug/l	98
57) 1,3-Dichloropropane	10.93	76	79553	19.319	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.92	63	142859	92.947	ug/l	99
59) 2-Hexanone	10.97	43	136972	94.812	ug/l	99
60) Dibromochloromethane	11.13	129	54717	19.238	ug/l	98
61) 1,2-Dibromoethane	11.24	107	43279	19.500	ug/l	100
64) Tetrachloroethene	10.86	164	59639	18.976	ug/l	92
65) Chlorobenzene	11.66	112	178571	18.901	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.73	131	60373	19.028	ug/l	99
67) Ethyl Benzene	11.73	91	328101	19.154	ug/l	96
68) m/p-Xylenes	11.84	106	252705	37.387	ug/l	98
69) o-Xylene	12.16	106	118242	18.739	ug/l	100
70) Styrene	12.18	104	190569	18.643	ug/l	99
71) Bromoform	12.35	173	30914	18.286	ug/l #	97
73) Isopropylbenzene	12.46	105	329100	19.595	ug/l	99
74) N-amyl acetate	12.27	43	74807	19.569	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.71	83	50830	19.403	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	70171	36.083	ug/l #	100
77) Bromobenzene	12.75	156	75471	19.849	ug/l	99
78) n-propylbenzene	12.80	91	404607	19.623	ug/l	100
79) 2-Chlorotoluene	12.89	91	226590	19.463	ug/l	98
80) 1,3,5-Trimethylbenzene	12.94	105	273124	18.949	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	15470	20.337	ug/l	99
82) 4-Chlorotoluene	12.99	91	234506	18.936	ug/l	99
83) tert-Butylbenzene	13.21	119	240940	19.400	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	277587	18.812	ug/l	99
85) sec-Butylbenzene	13.38	105	353425	19.508	ug/l	100
86) p-Isopropyltoluene	13.50	119	308258	18.903	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	156662	19.247	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	154504	19.138	ug/l	97
89) n-Butylbenzene	13.83	91	292346	18.936	ug/l	99
90) Hexachloroethane	14.10	117	53895	19.292	ug/l	98
91) 1,2-Dichlorobenzene	13.87	146	136026	19.100	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	8664	18.095	ug/l	99

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

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Instrument :
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ClientSampleId :
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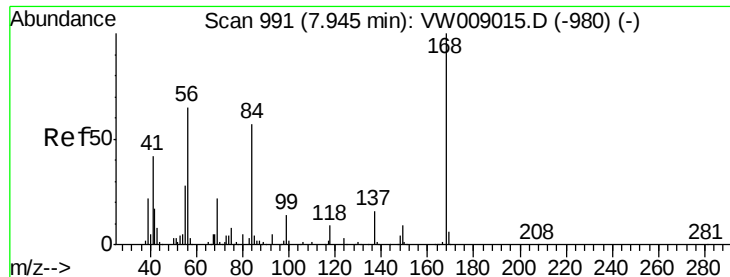
Quant Time: Mar 07 07:26:13 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W030619S.M
Quant Title : SW846 8260
QLast Update : Thu Mar 07 07:22:06 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	94264	19.330	ug/l	98
94) Hexachlorobutadiene	15.24	225	58530	18.883	ug/l	97
95) Naphthalene	15.37	128	149646	18.926	ug/l	99
96) 1,2,3-Trichlorobenzene	15.56	180	81086	19.205	ug/l	99

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

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Quant Title : SW846 8260
QLast Update : Thu Mar 07 07:22:06 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: VW009020.D

Acq: 06 Mar 2019 17:29

Instrument :

MSVOA_W

ClientSampleId :

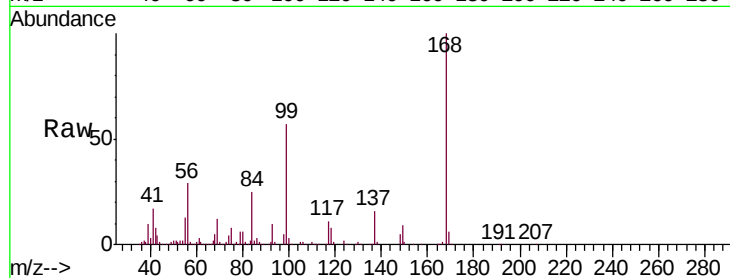
VW0306SBS01

Tgt Ion:168 Resp: 323703

Ion Ratio Lower Upper

168 100

99 56.7 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

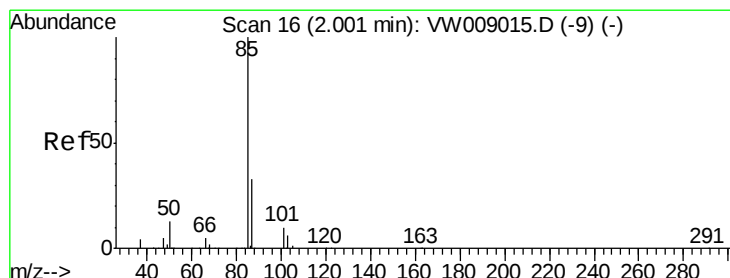
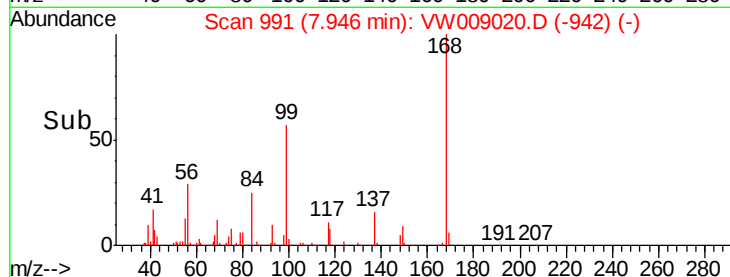
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 20.253 ug/l

RT: 2.00 min Scan# 15

Delta R.T. -0.01 min

Lab File: VW009020.D

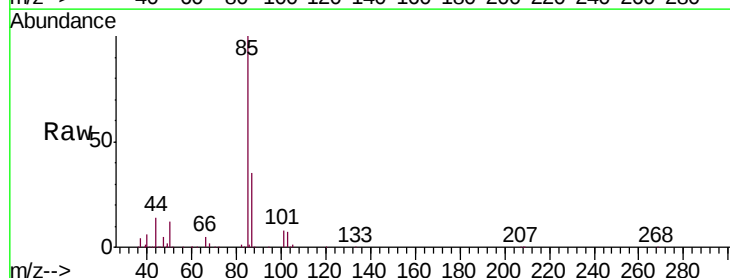
Acq: 06 Mar 2019 17:29

Tgt Ion: 85 Resp: 65126

Ion Ratio Lower Upper

85 100

87 34.8 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

50000

40000

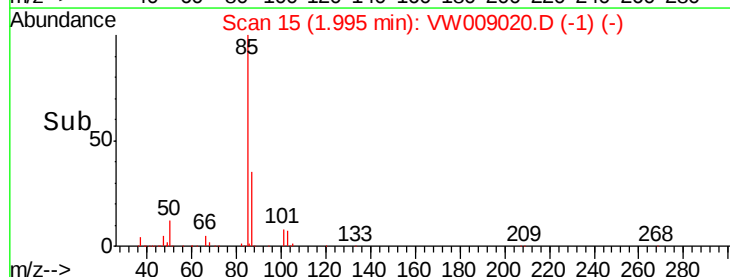
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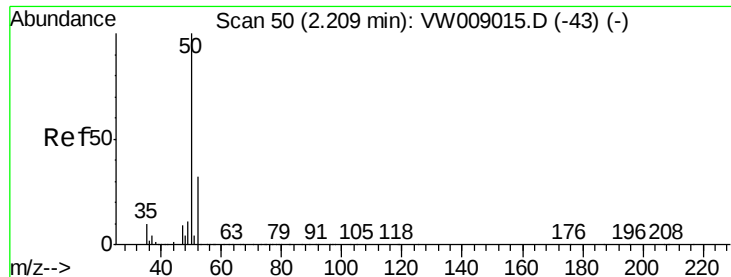
20000

10000

0

Time-->





#3

Chloromethane

Concen: 19.780 ug/l

RT: 2.21 min Scan# 50

Delta R.T. 0.00 min

Lab File: VW009020.D

Acq: 06 Mar 2019 17:29

Instrument :

MSVOA_W

ClientSampleId :

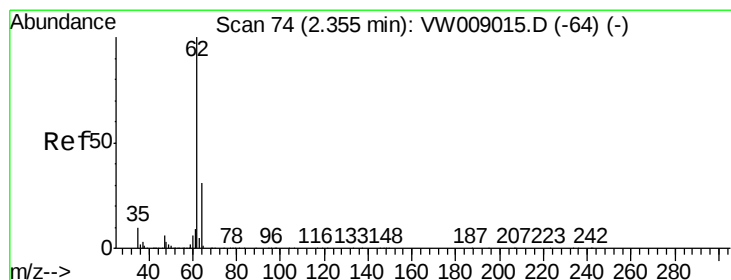
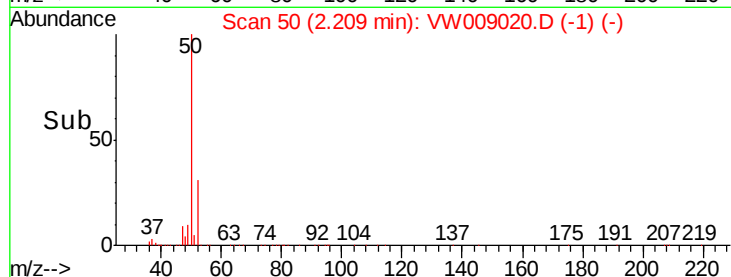
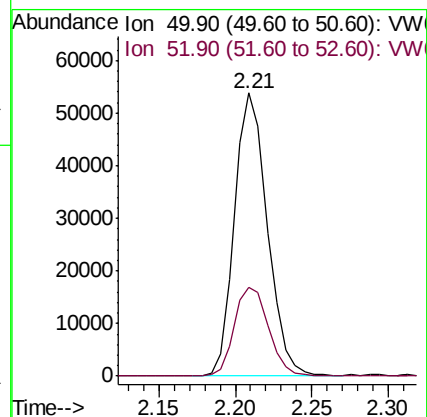
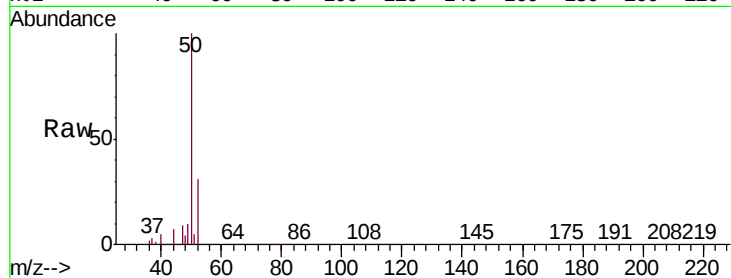
VW0306SBS01

Tgt Ion: 50 Resp: 80116

Ion Ratio Lower Upper

50 100

52 31.2 25.3 37.9



#4

Vinyl Chloride

Concen: 18.932 ug/l

RT: 2.36 min Scan# 74

Delta R.T. 0.00 min

Lab File: VW009020.D

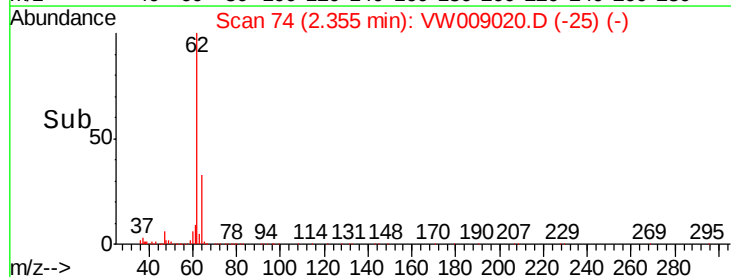
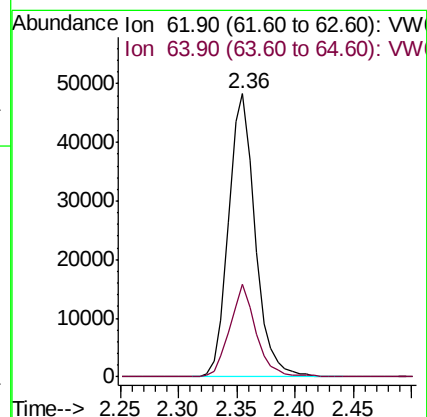
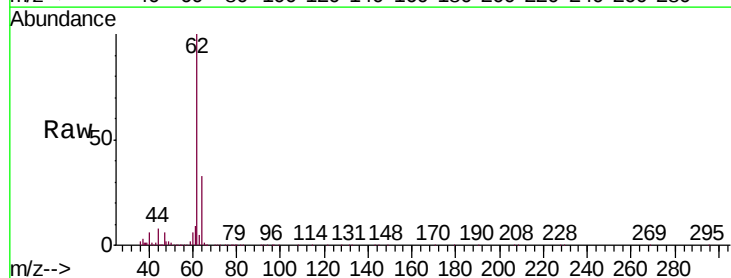
Acq: 06 Mar 2019 17:29

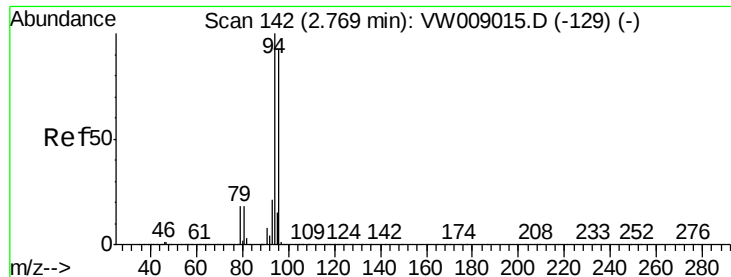
Tgt Ion: 62 Resp: 76844

Ion Ratio Lower Upper

62 100

64 32.7 24.6 36.8





#5

Bromomethane

Concen: 22.058 ug/l

RT: 2.77 min Scan# 142

Delta R.T. 0.00 min

Lab File: VW009020.D

Acq: 06 Mar 2019 17:29

Instrument :

MSVOA_W

ClientSampleId :

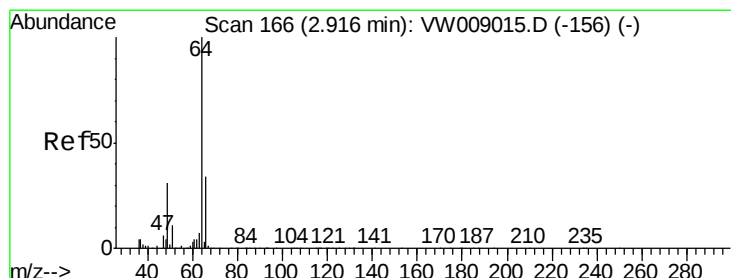
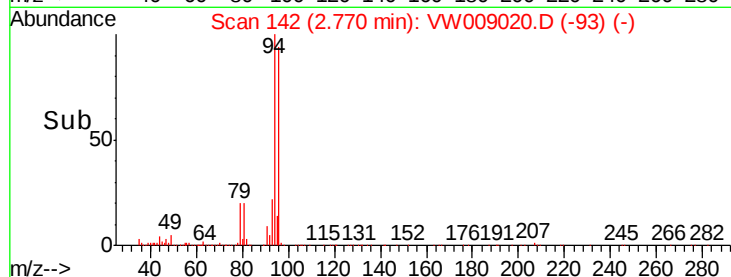
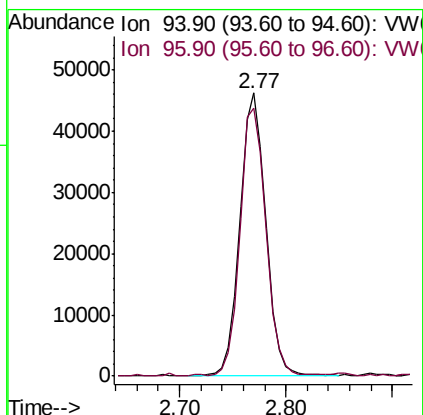
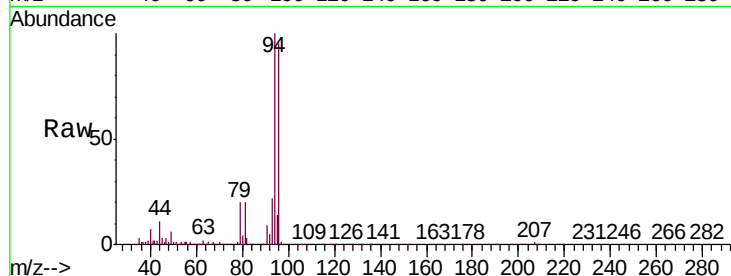
VW0306SBS01

Tgt Ion: 94 Resp: 78622

Ion Ratio Lower Upper

94 100

96 94.8 73.4 110.0



#6

Chloroethane

Concen: 19.436 ug/l

RT: 2.91 min Scan# 165

Delta R.T. -0.01 min

Lab File: VW009020.D

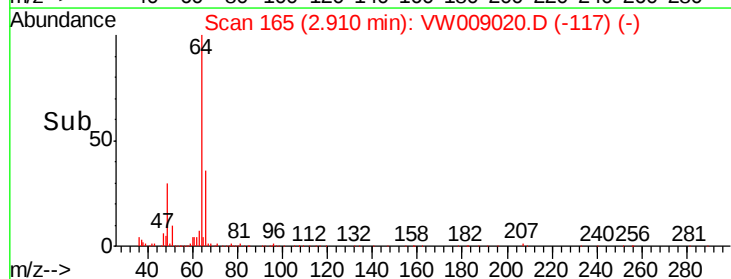
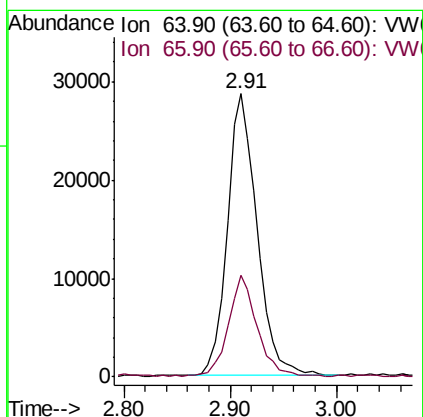
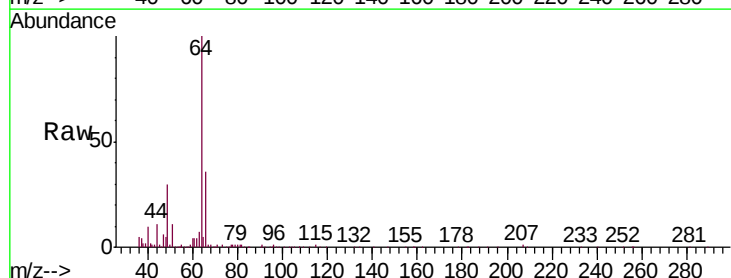
Acq: 06 Mar 2019 17:29

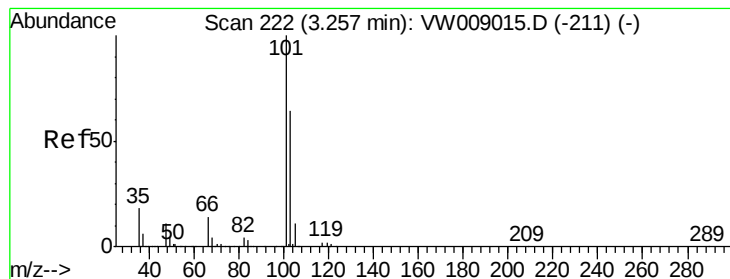
Tgt Ion: 64 Resp: 55933

Ion Ratio Lower Upper

64 100

66 35.5 27.2 40.8



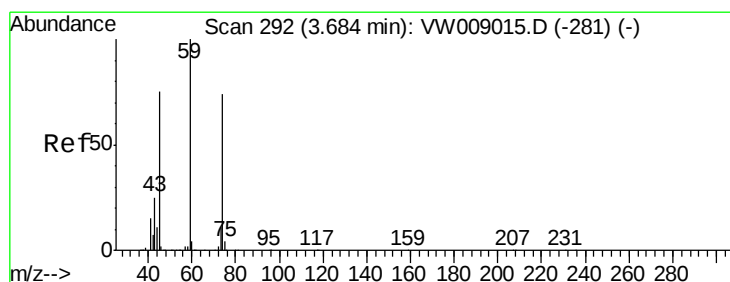
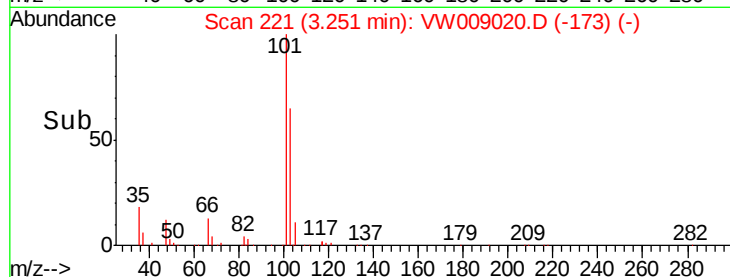
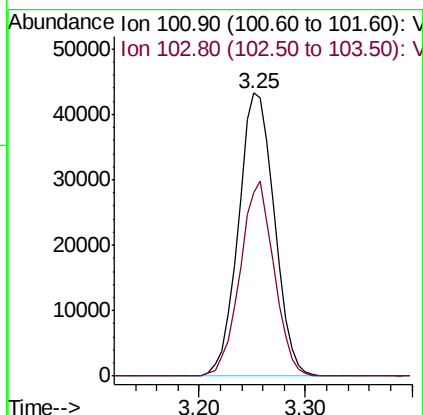
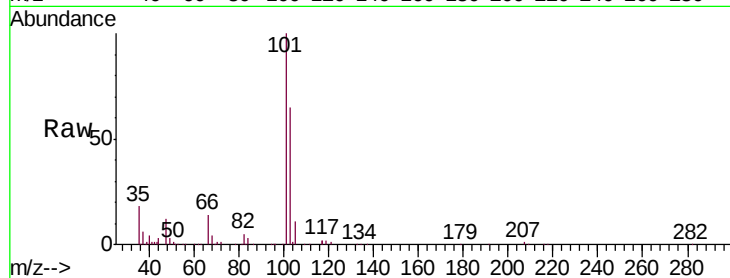


#7

Trichlorofluoromethane
 Concen: 19.626 ug/l
 RT: 3.25 min Scan# 221
 Delta R.T. -0.01 min
 Lab File: VW009020.D
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 VW0306SBS01

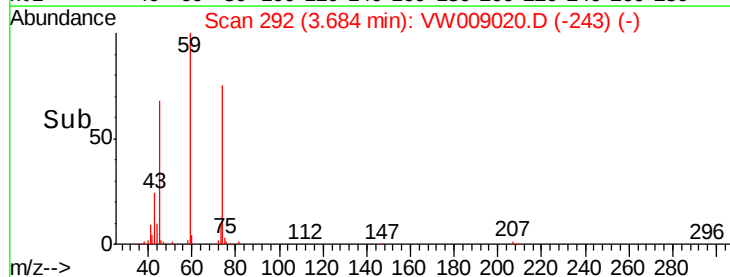
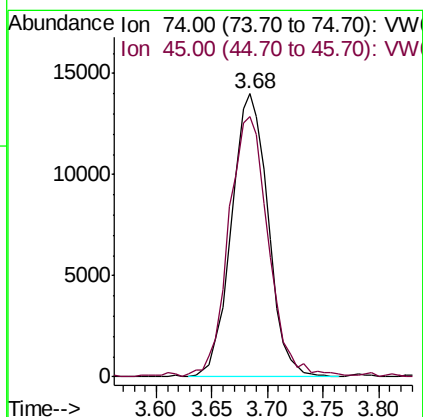
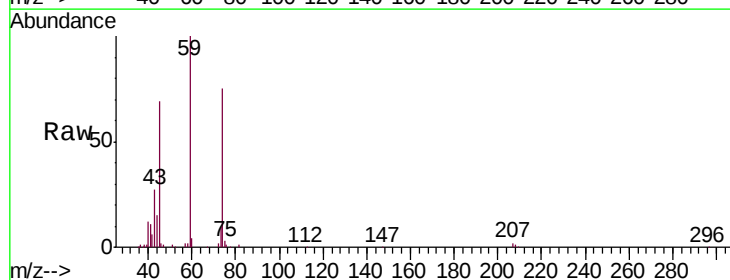
Tgt Ion:101 Resp: 102613
 Ion Ratio Lower Upper
 101 100
 103 65.0 51.1 76.7

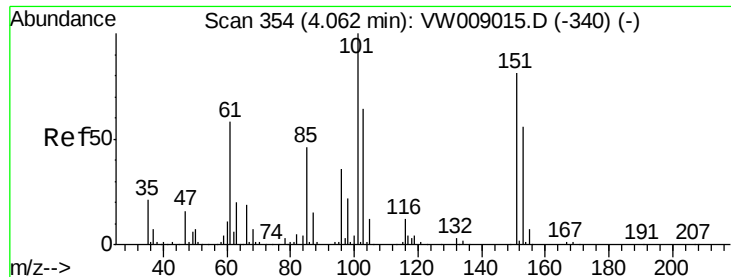


#8

Diethyl Ether
 Concen: 19.534 ug/l
 RT: 3.68 min Scan# 292
 Delta R.T. 0.00 min
 Lab File: VW009020.D
 Acq: 06 Mar 2019 17:29

Tgt Ion: 74 Resp: 31881
 Ion Ratio Lower Upper
 74 100
 45 99.9 48.8 146.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.766 ug/l

RT: 4.06 min Scan# 353

Delta R.T. -0.01 min

Lab File: VW009020.D

Acq: 06 Mar 2019 17:29

Instrument :

MSVOA_W

ClientSampleId :

VW0306SBS01

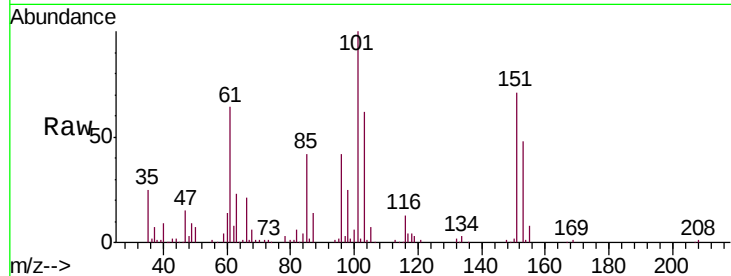
Tgt Ion:101 Resp: 64128

Ion Ratio Lower Upper

101 100

85 44.0 36.6 55.0

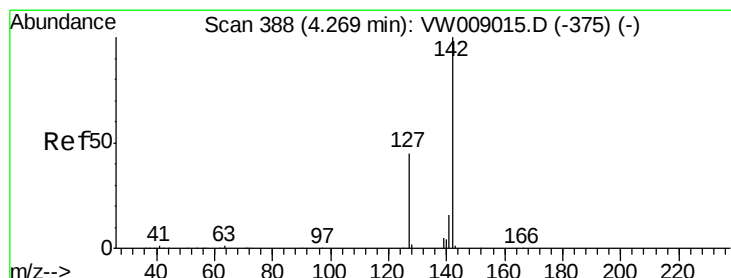
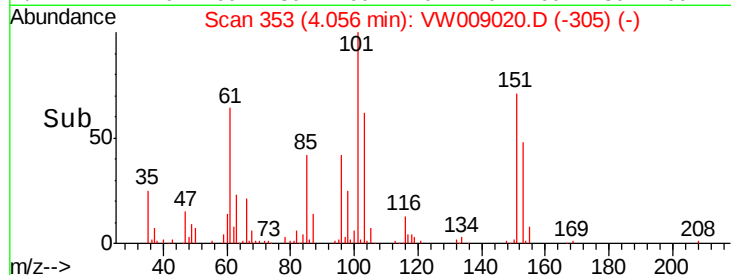
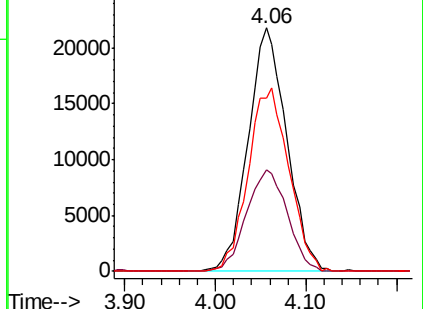
151 79.5 66.0 99.0



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 19.494 ug/l

RT: 4.27 min Scan# 388

Delta R.T. 0.00 min

Lab File: VW009020.D

Acq: 06 Mar 2019 17:29

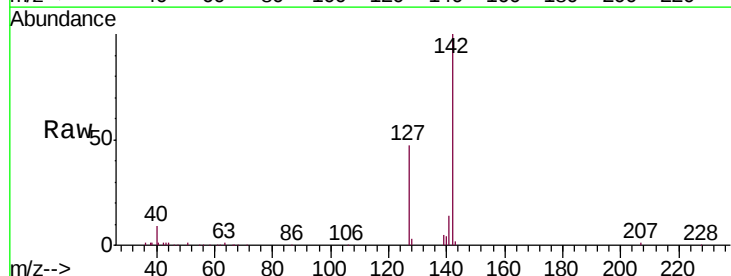
Tgt Ion:142 Resp: 58046

Ion Ratio Lower Upper

142 100

127 45.9 36.2 54.2

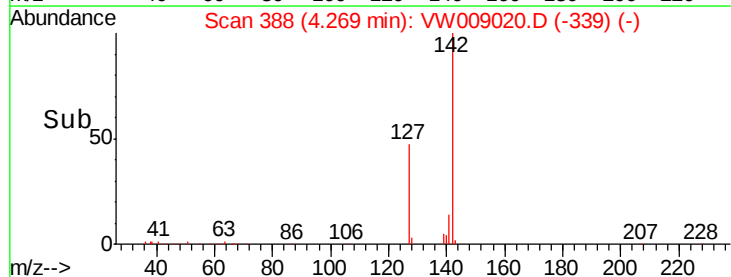
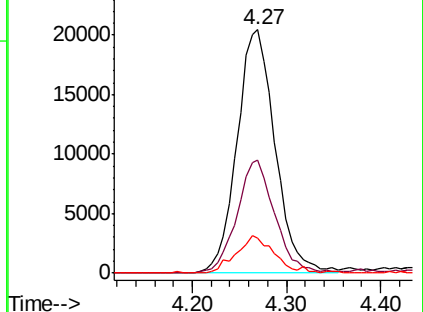
141 15.4 12.3 18.5

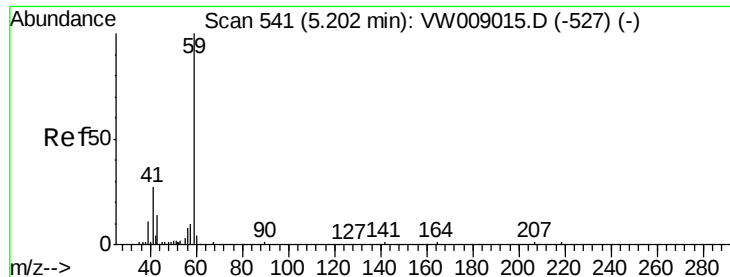


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

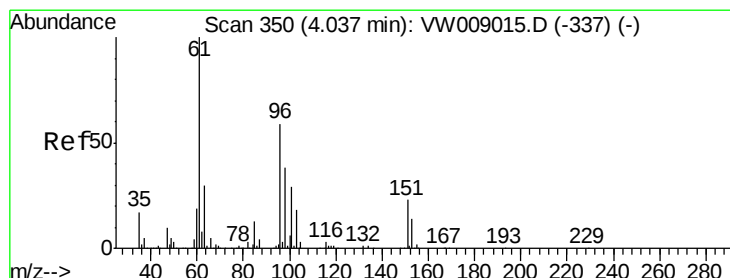
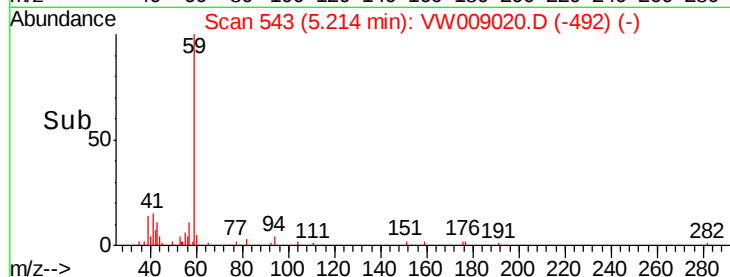
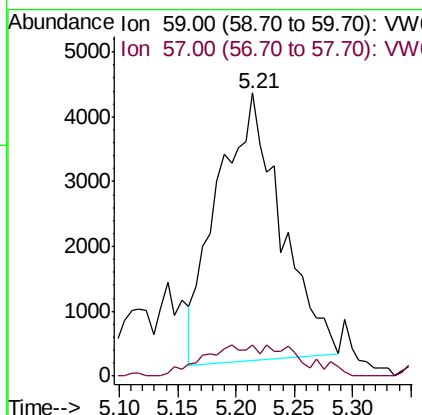
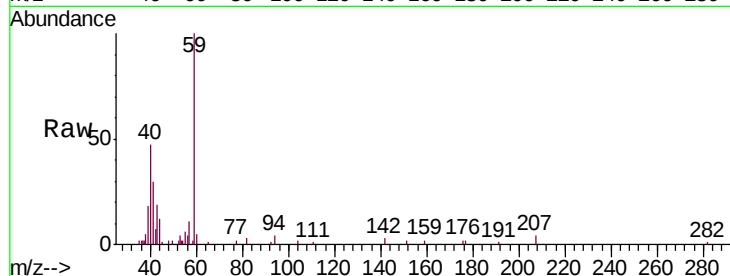




#11
Tert butyl alcohol
Concen: 66.856 ug/l
RT: 5.21 min Scan# 543
Delta R.T. 0.01 min
Lab File: VW009020.D
Acq: 06 Mar 2019 17:29

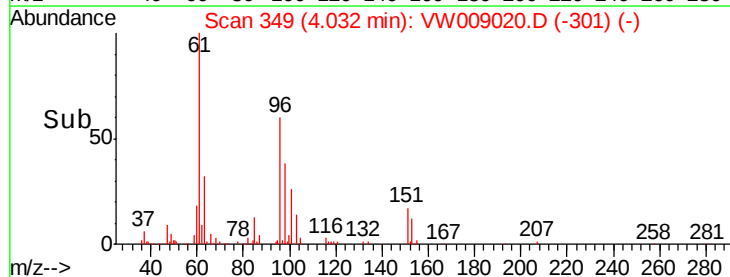
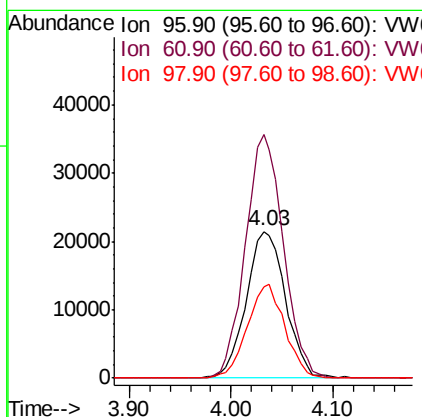
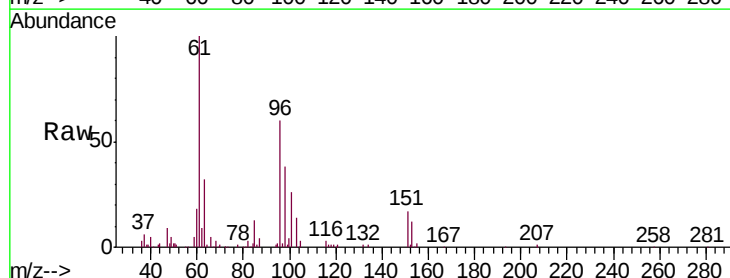
Instrument :
MSVOA_W
ClientSampleId :
VW0306SBS01

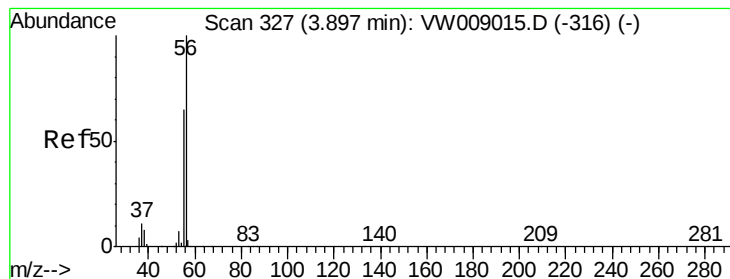
Tgt Ion: 59 Resp: 15564
Ion Ratio Lower Upper
59 100
57 8.0 9.0 13.6#



#12
1,1-Dichloroethene
Concen: 20.319 ug/l
RT: 4.03 min Scan# 349
Delta R.T. -0.01 min
Lab File: VW009020.D
Acq: 06 Mar 2019 17:29

Tgt Ion: 96 Resp: 57443
Ion Ratio Lower Upper
96 100
61 166.0 135.8 203.6
98 62.6 51.6 77.4





#13

Acrolein

Concen: 107.786 ug/l

RT: 3.90 min Scan# 328

Delta R.T. 0.01 min

Lab File: VW009020.D

Acq: 06 Mar 2019 17:29

Instrument :

MSVOA_W

ClientSampleId :

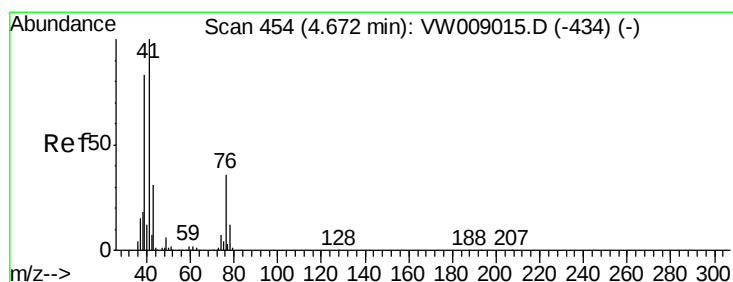
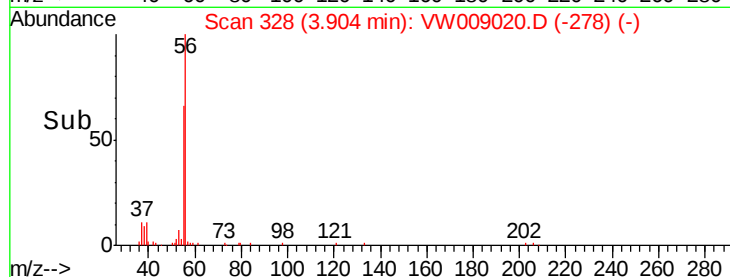
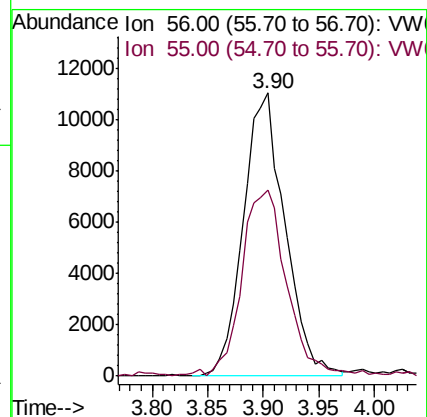
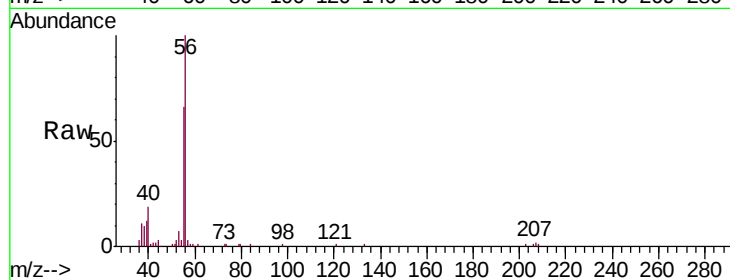
VW0306SBS01

Tgt Ion: 56 Resp: 28703

Ion Ratio Lower Upper

56 100

55 71.2 57.1 85.7



#14

Allyl chloride

Concen: 19.067 ug/l

RT: 4.67 min Scan# 453

Delta R.T. -0.01 min

Lab File: VW009020.D

Acq: 06 Mar 2019 17:29

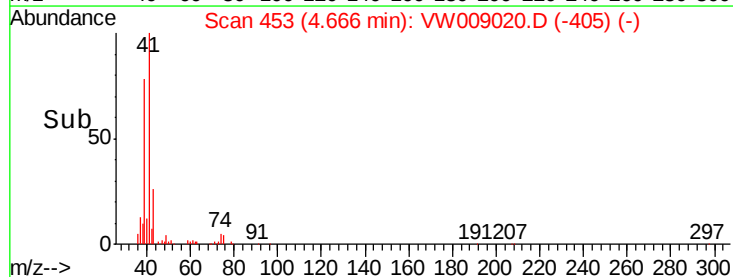
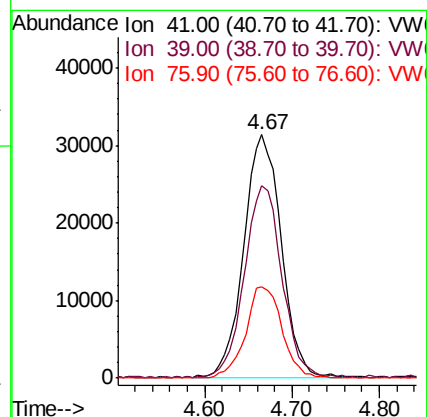
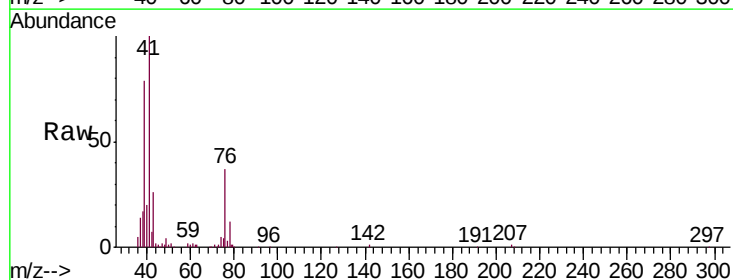
Tgt Ion: 41 Resp: 93196

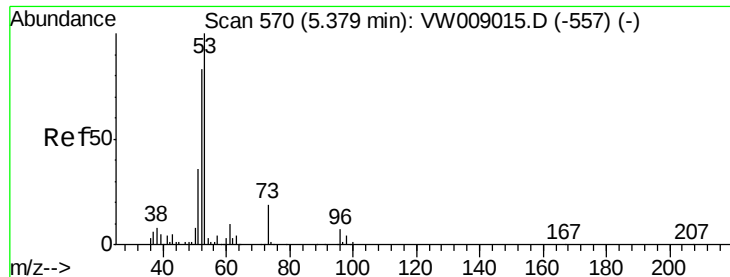
Ion Ratio Lower Upper

41 100

39 78.7 63.6 95.4

76 36.5 27.9 41.9





#15

Acrylonitrile

Concen: 93.770 ug/l

RT: 5.37 min Scan# 569

Delta R.T. -0.01 min

Lab File: VW009020.D

Acq: 06 Mar 2019 17:29

Instrument :

MSVOA_W

ClientSampled :

VW0306SBS01

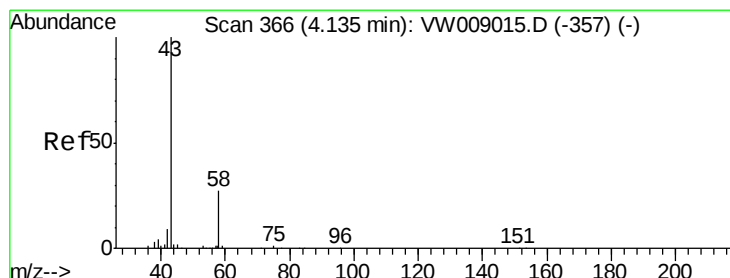
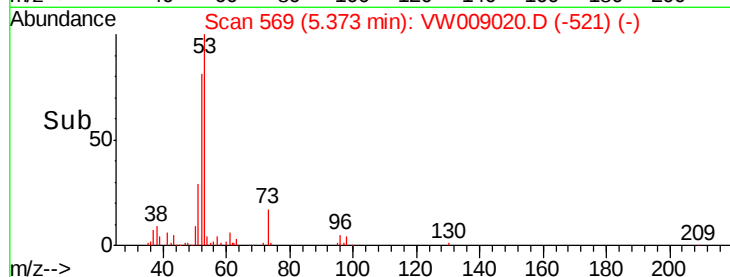
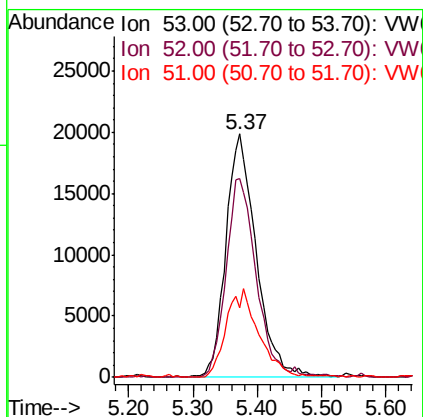
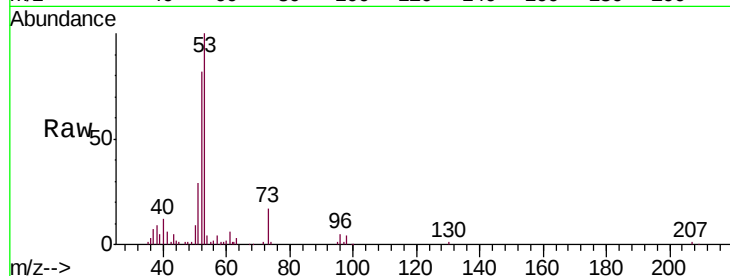
Tgt Ion: 53 Resp: 65519

Ion Ratio Lower Upper

53 100

52 80.2 66.6 100.0

51 17.8 30.6 45.8#



#16

Acetone

Concen: 93.054 ug/l

RT: 4.14 min Scan# 367

Delta R.T. 0.01 min

Lab File: VW009020.D

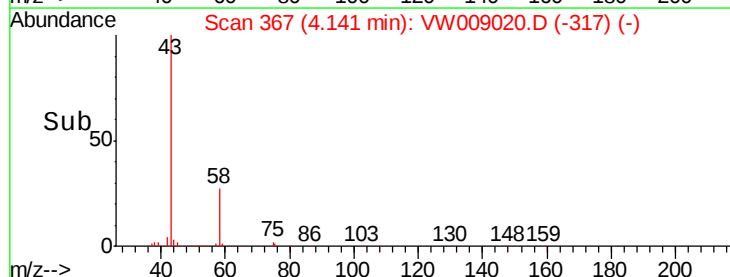
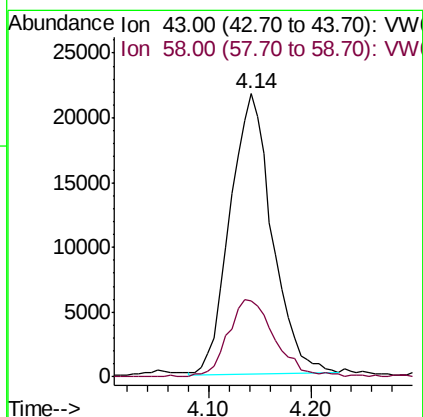
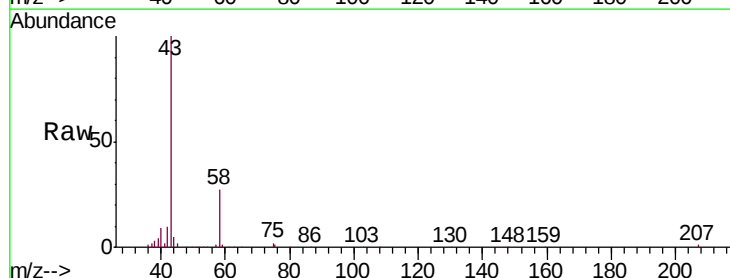
Acq: 06 Mar 2019 17:29

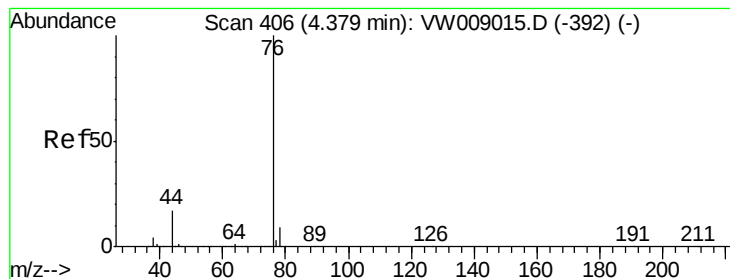
Tgt Ion: 43 Resp: 62069

Ion Ratio Lower Upper

43 100

58 27.1 21.6 32.4





#17

Carbon Disulfide

Concen: 18.745 ug/l

RT: 4.38 min Scan# 406

Delta R.T. 0.00 min

Lab File: VW009020.D

Acq: 06 Mar 2019 17:29

Instrument :

MSVOA_W

ClientSampleId :

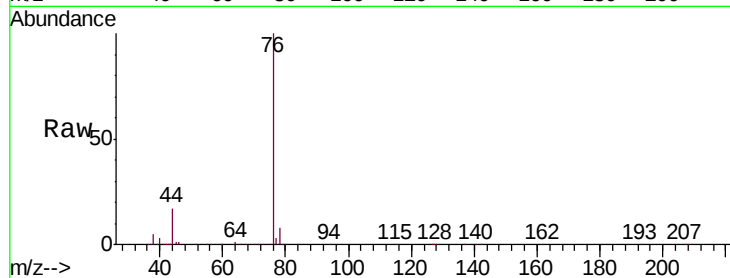
VW0306SBS01

Tgt Ion: 76 Resp: 177603

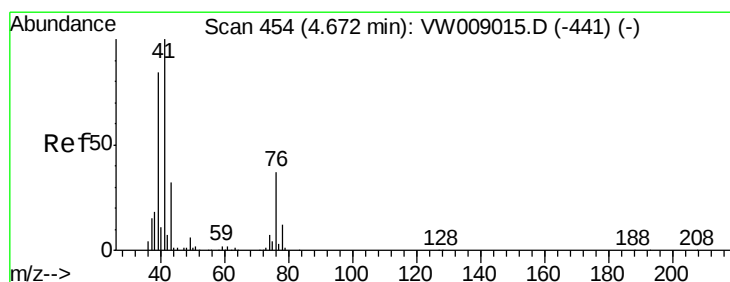
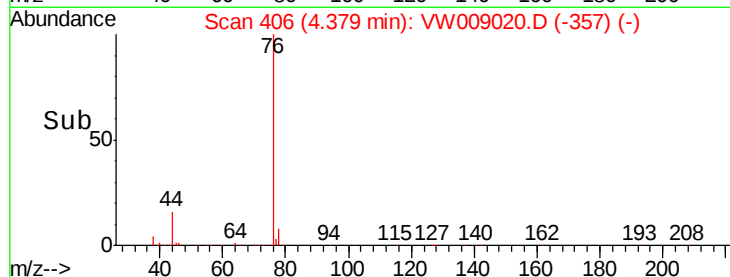
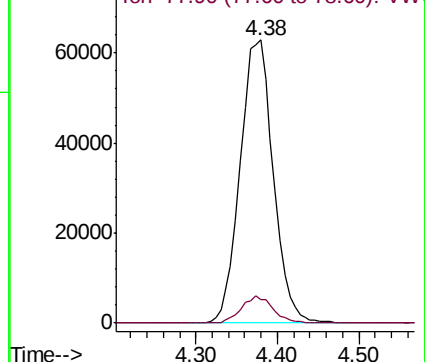
Ion Ratio Lower Upper

76 100

78 8.5 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: 18.380 ug/l

RT: 4.68 min Scan# 456

Delta R.T. 0.01 min

Lab File: VW009020.D

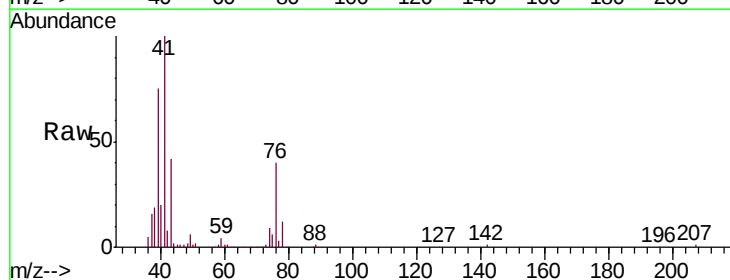
Acq: 06 Mar 2019 17:29

Tgt Ion: 43 Resp: 27948

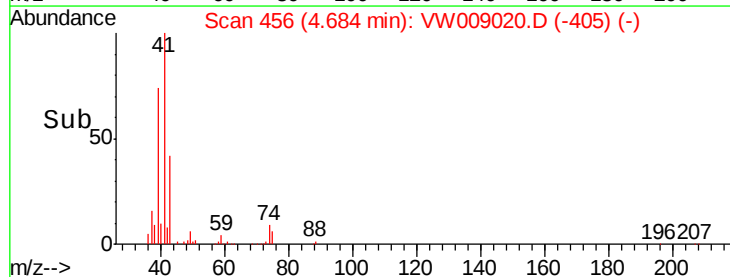
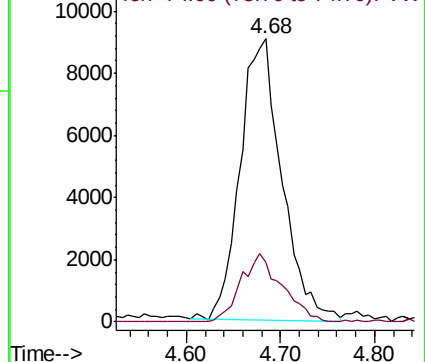
Ion Ratio Lower Upper

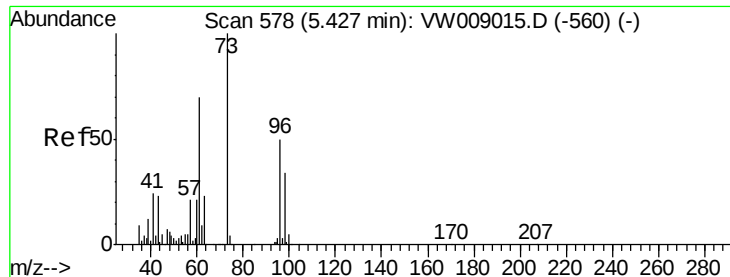
43 100

74 24.0 17.7 26.5



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



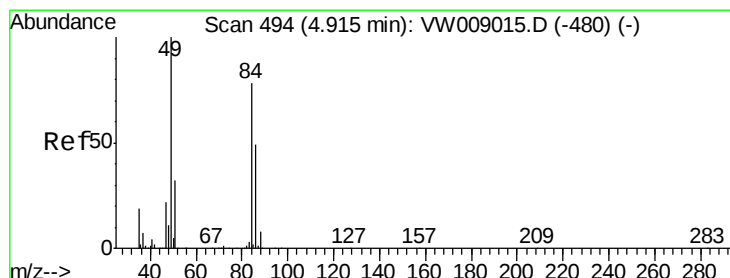
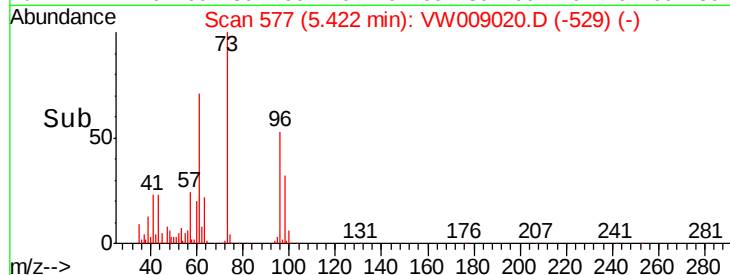
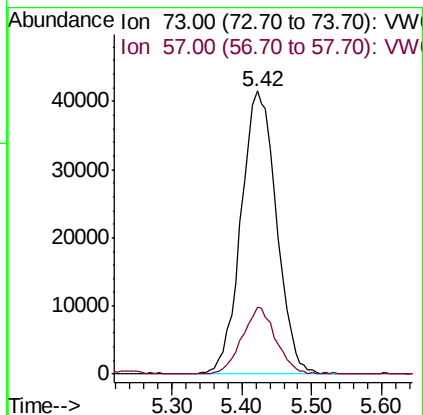
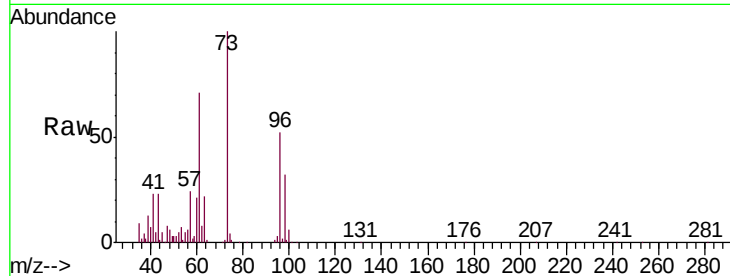


#19

Methyl tert-butyl Ether
 Concen: 19.906 ug/l
 RT: 5.42 min Scan# 577
 Delta R.T. -0.01 min
 Lab File: VW009020.D
 Acq: 06 Mar 2019 17:29

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0306SBS01

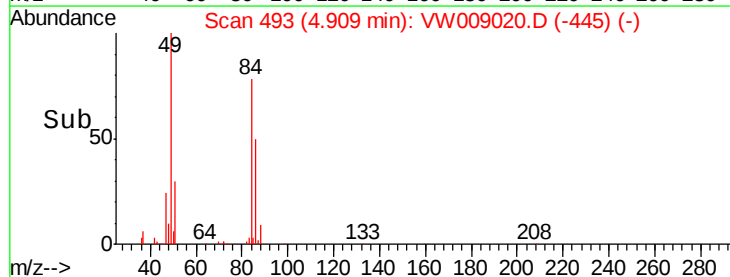
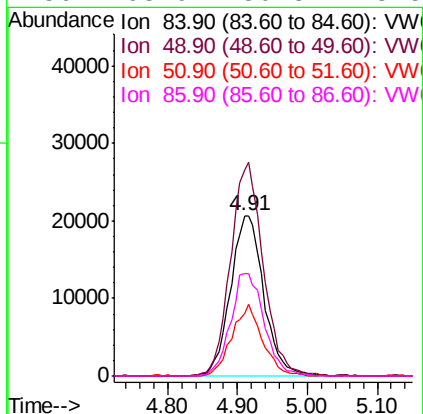
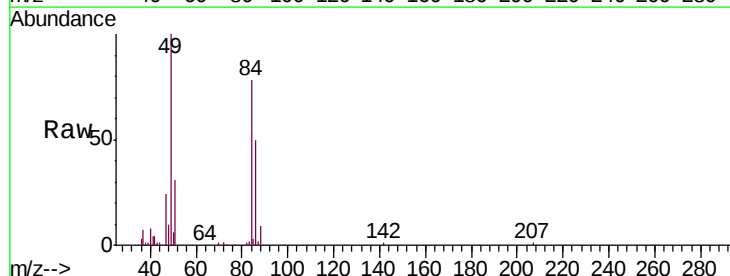
Tgt Ion: 73 Resp: 145679
 Ion Ratio Lower Upper
 73 100
 57 23.6 17.0 25.6

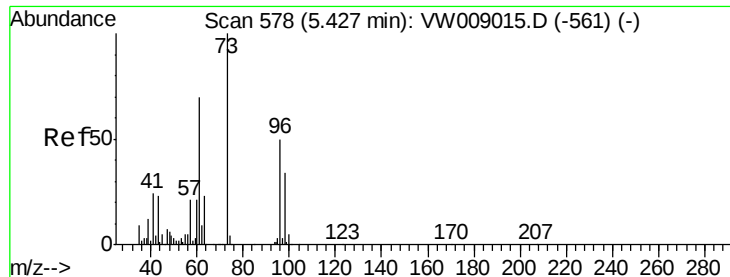


#20

Methylene Chloride
 Concen: 18.739 ug/l
 RT: 4.91 min Scan# 493
 Delta R.T. -0.01 min
 Lab File: VW009020.D
 Acq: 06 Mar 2019 17:29

Tgt Ion: 84 Resp: 68185
 Ion Ratio Lower Upper
 84 100
 49 128.7 102.8 154.2
 51 39.4 32.4 48.6
 86 63.9 50.3 75.5





#21

trans-1,2-Dichloroethene

Concen: 19.375 ug/l

RT: 5.42 min Scan# 577

Delta R.T. -0.01 min

Lab File: VW009020.D

Acq: 06 Mar 2019 17:29

Instrument :

MSVOA_W

ClientSampleId :

VW0306SBS01

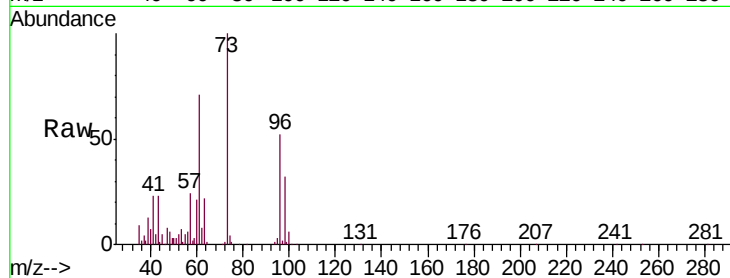
Tgt Ion: 96 Resp: 62655

Ion Ratio Lower Upper

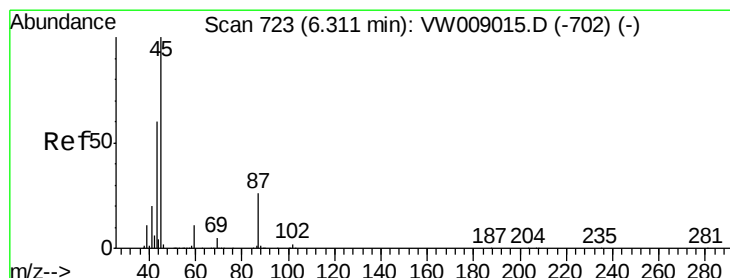
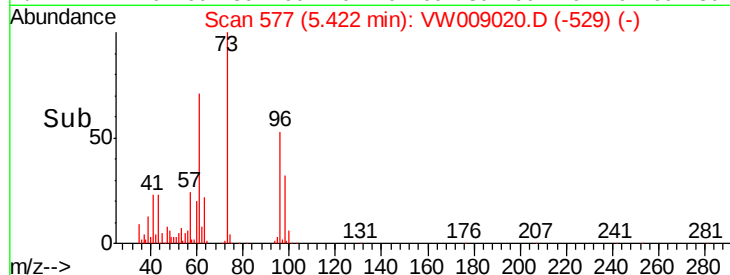
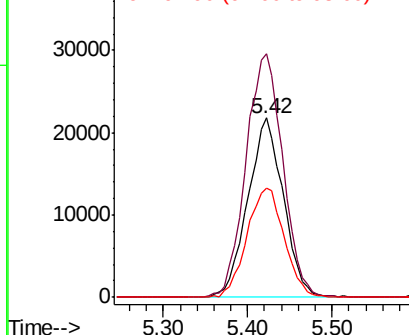
96 100

61 135.7 113.2 169.8

98 61.2 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: 19.471 ug/l

RT: 6.31 min Scan# 722

Delta R.T. -0.01 min

Lab File: VW009020.D

Acq: 06 Mar 2019 17:29

Tgt Ion: 45 Resp: 190040

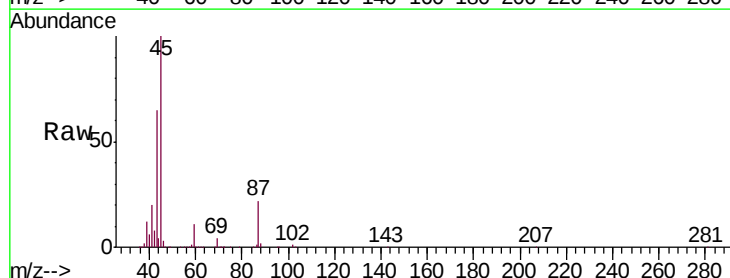
Ion Ratio Lower Upper

45 100

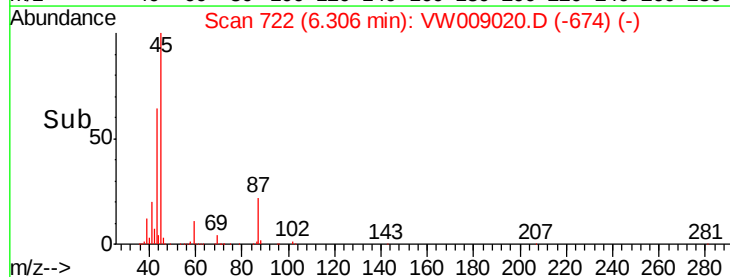
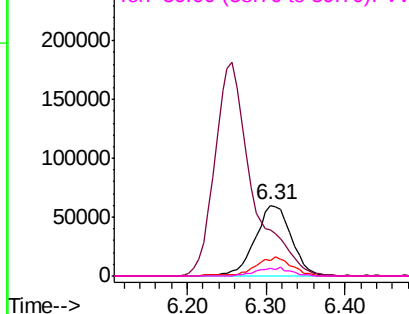
43 63.7 48.1 72.1

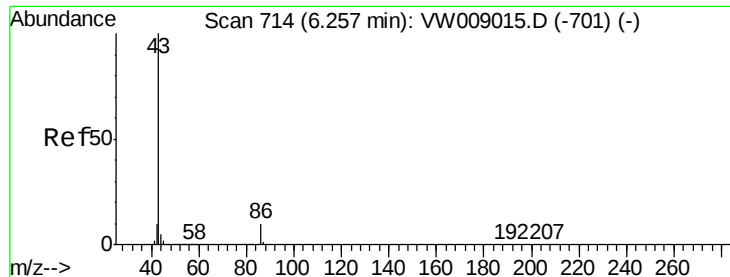
87 22.3 20.9 31.3

59 10.9 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: 97.926 ug/l

RT: 6.26 min Scan# 714

Delta R.T. 0.00 min

Lab File: VW009020.D

Acq: 06 Mar 2019 17:29

Instrument :

MSVOA_W

ClientSampleId :

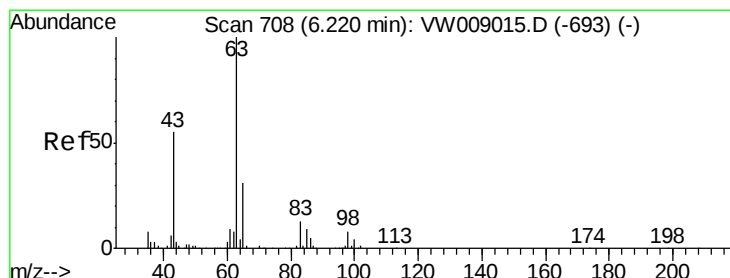
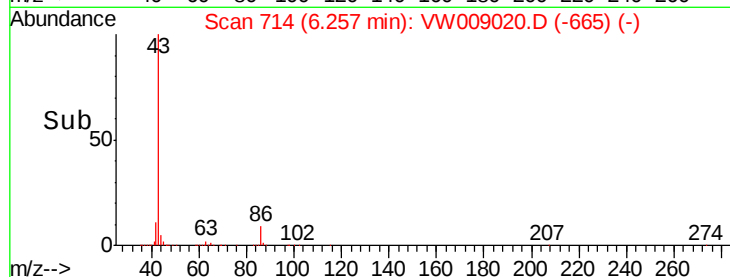
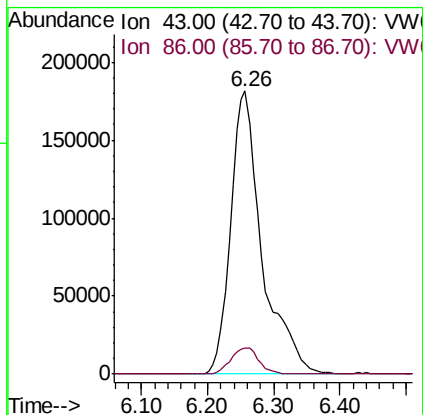
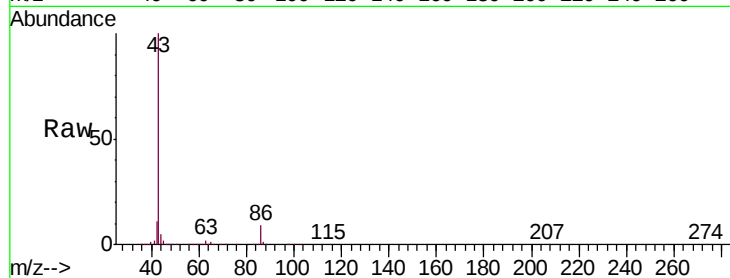
VW0306SBS01

Tgt Ion: 43 Resp: 595263

Ion Ratio Lower Upper

43 100

86 9.2 8.0 12.0



#24

1,1-Dichloroethane

Concen: 19.233 ug/l

RT: 6.21 min Scan# 707

Delta R.T. -0.01 min

Lab File: VW009020.D

Acq: 06 Mar 2019 17:29

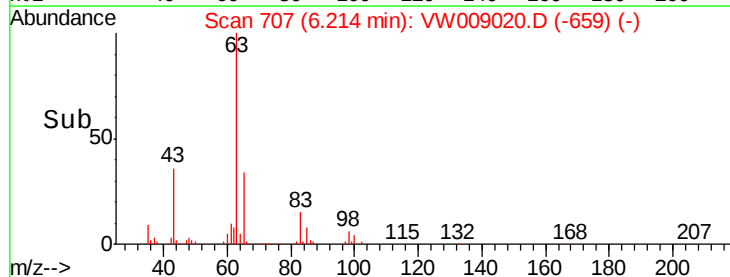
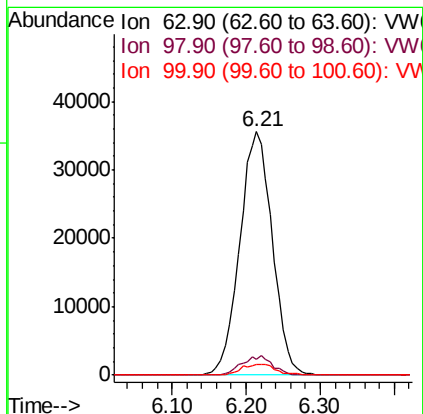
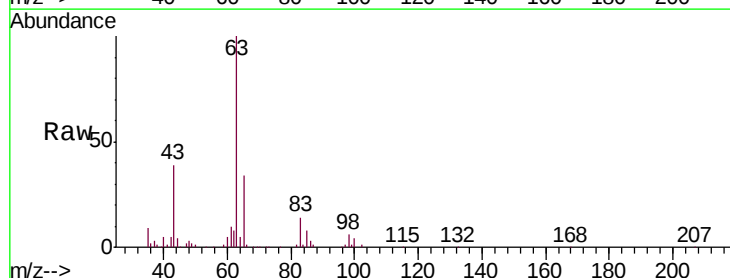
Tgt Ion: 63 Resp: 109144

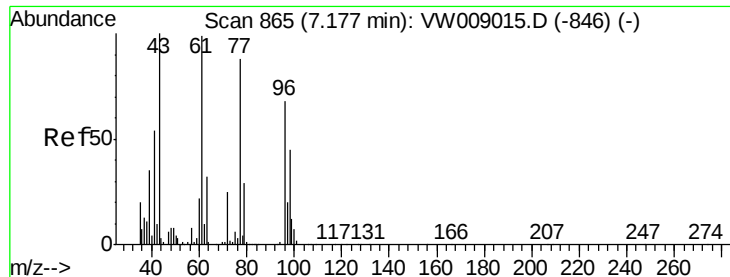
Ion Ratio Lower Upper

63 100

98 6.3 4.0 12.2

100 4.3 2.0 5.8





#25

2-Butanone

Concen: 95.773 ug/l

RT: 7.18 min Scan# 865

Delta R.T. 0.00 min

Lab File: VW009020.D

Acq: 06 Mar 2019 17:29

Instrument :

MSVOA_W

ClientSampled :

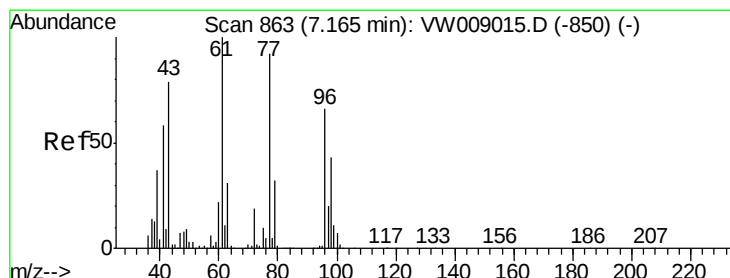
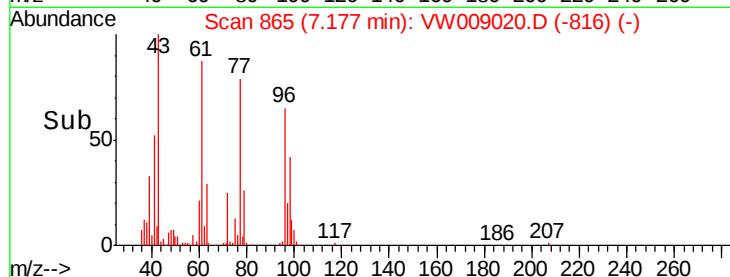
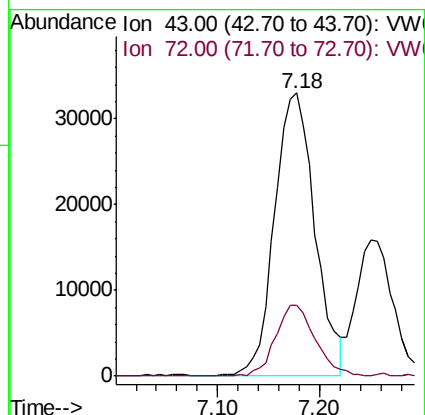
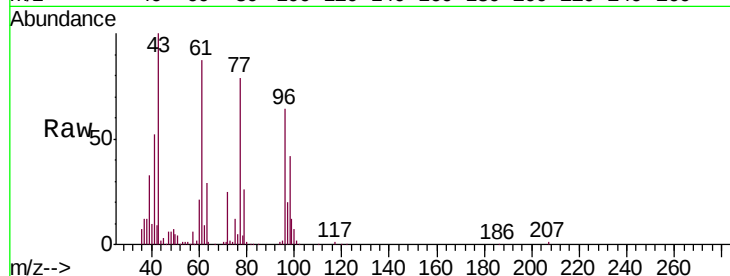
VW0306SBS01

Tgt Ion: 43 Resp: 90877

Ion Ratio Lower Upper

43 100

72 24.7 20.2 30.2



#26

2,2-Dichloropropane

Concen: 19.510 ug/l

RT: 7.17 min Scan# 863

Delta R.T. 0.00 min

Lab File: VW009020.D

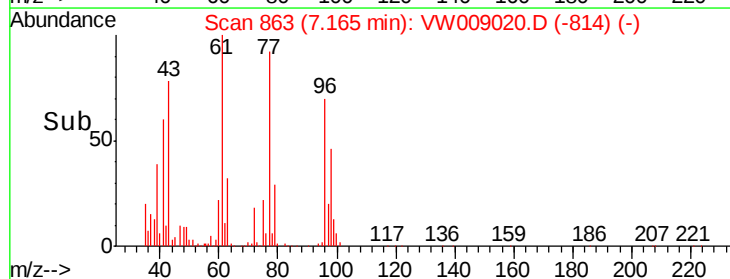
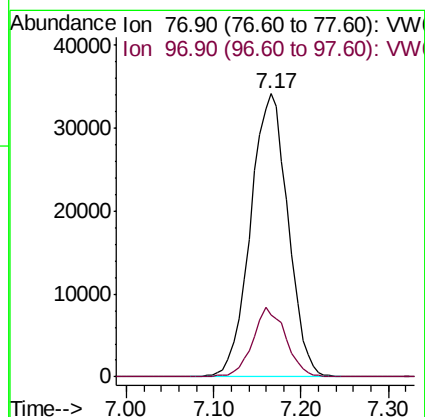
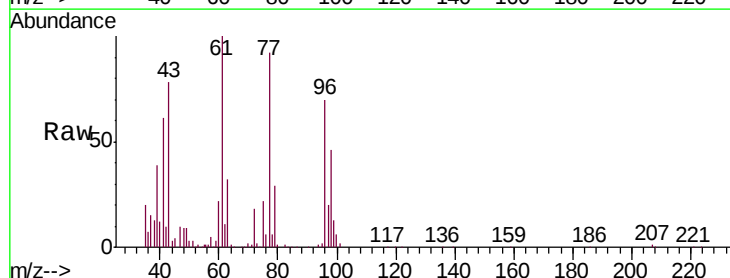
Acq: 06 Mar 2019 17:29

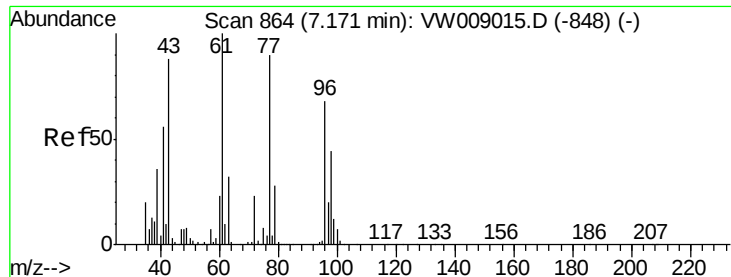
Tgt Ion: 77 Resp: 101278

Ion Ratio Lower Upper

77 100

97 21.7 10.7 32.1



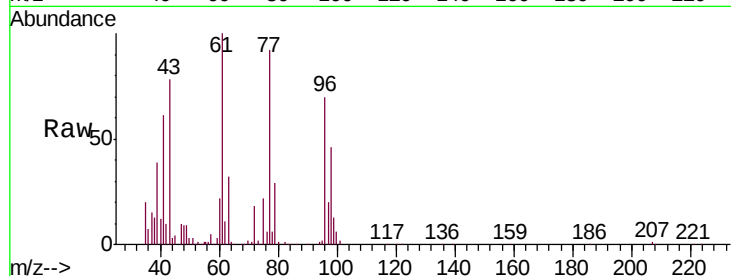


#27

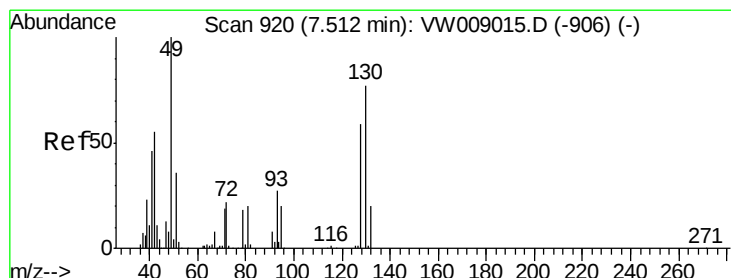
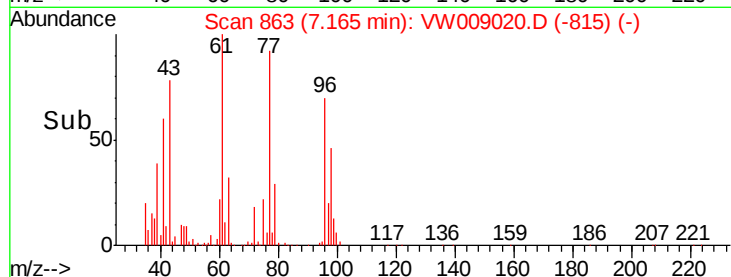
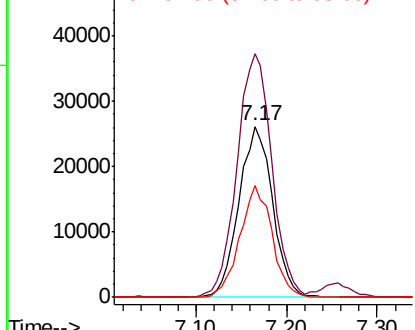
cis-1,2-Dichloroethene
Concen: 19.837 ug/l
RT: 7.17 min Scan# 863
Delta R.T. -0.01 min
Lab File: VW009020.D
Acq: 06 Mar 2019 17:29

Instrument :
MSVOA_W
ClientSampleId :
VW0306SBS01

Tgt Ion	Ratio	Lower	Upper
96	100		
61	147.1	0.0	303.6
98	62.4	0.0	129.0



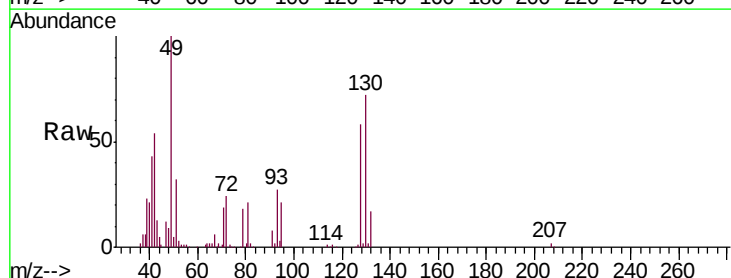
Abundance Ion 95.90 (95.60 to 96.60): VW
Ion 60.90 (60.60 to 61.60): VW
Ion 97.90 (97.60 to 98.60): VW



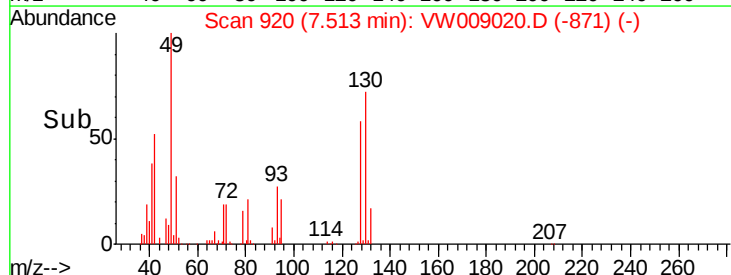
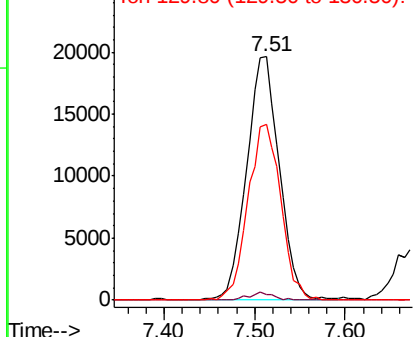
#28

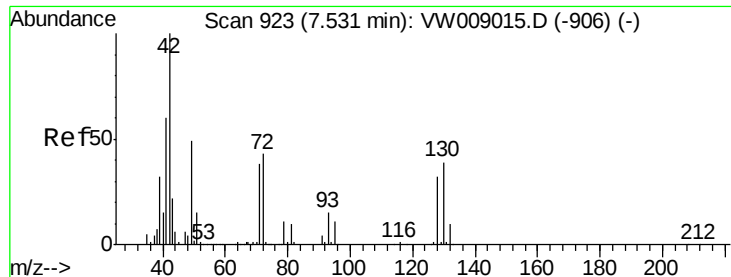
Bromochloromethane
Concen: 19.965 ug/l
RT: 7.51 min Scan# 920
Delta R.T. 0.00 min
Lab File: VW009020.D
Acq: 06 Mar 2019 17:29

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.3	0.0	3.2
130	71.9	59.9	89.9



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

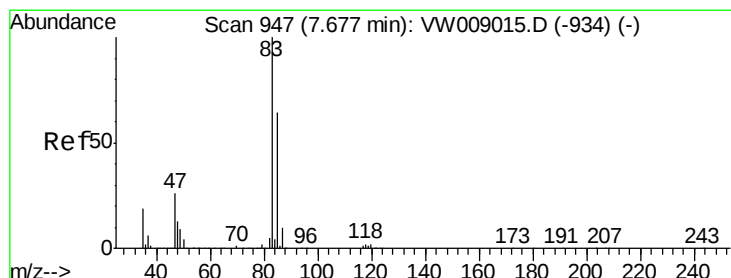
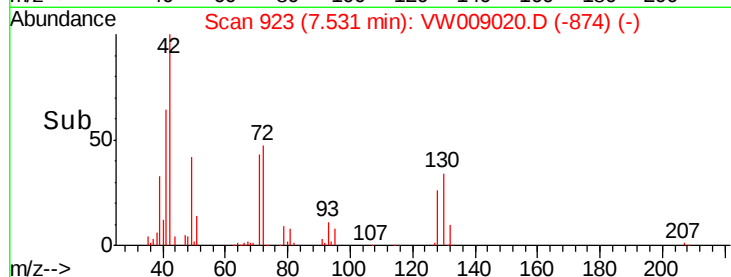
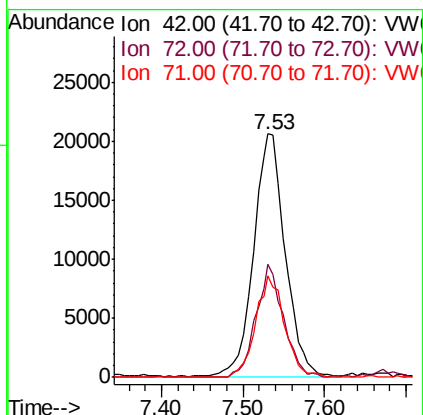
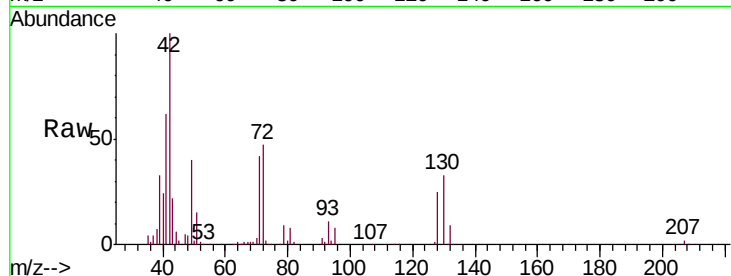




#29
Tetrahydrofuran
Concen: 92.892 ug/l
RT: 7.53 min Scan# 923
Delta R.T. 0.00 min
Lab File: VW009020.D
Acq: 06 Mar 2019 17:29

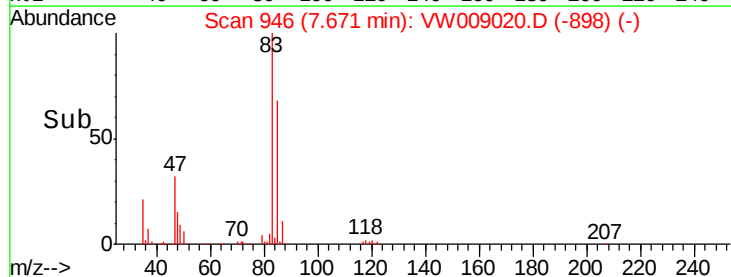
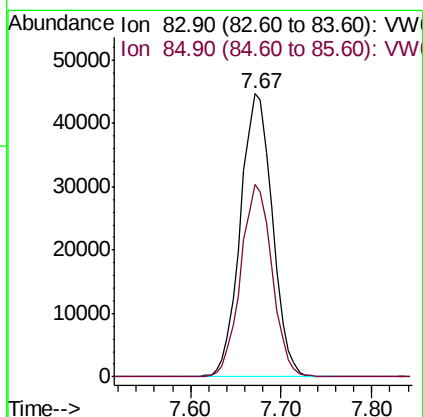
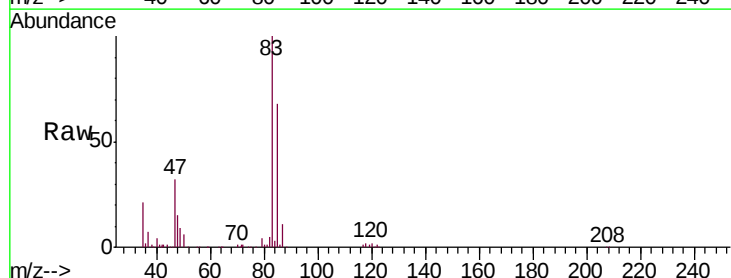
Instrument :
MSVOA_W
ClientSampleId :
VW0306SBS01

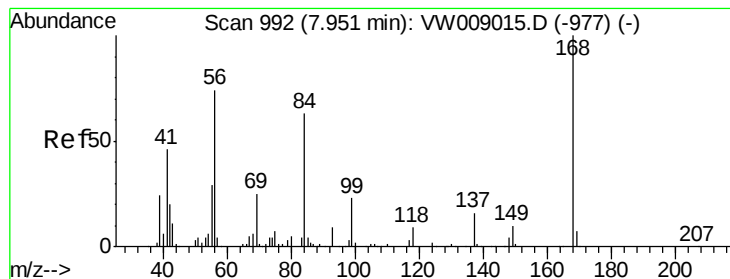
Tgt Ion: 42 Resp: 55375
Ion Ratio Lower Upper
42 100
72 40.5 32.5 48.7
71 38.3 31.6 47.4



#30
Chloroform
Concen: 18.785 ug/l
RT: 7.67 min Scan# 946
Delta R.T. -0.01 min
Lab File: VW009020.D
Acq: 06 Mar 2019 17:29

Tgt Ion: 83 Resp: 109148
Ion Ratio Lower Upper
83 100
85 68.1 51.4 77.0





#31

Cyclohexane

Concen: 19.453 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW009020.D

Acq: 06 Mar 2019 17:29

Instrument :

MSVOA_W

ClientSampleId :

VW0306SBS01

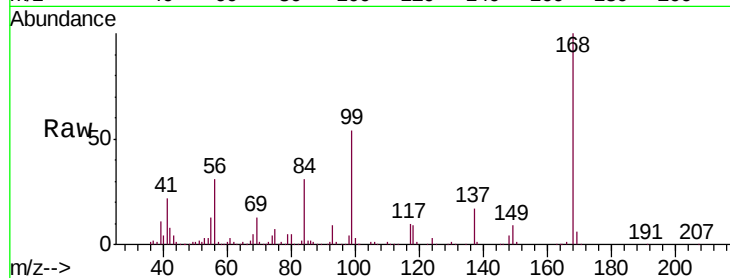
Tgt Ion: 56 Resp: 113527

Ion Ratio Lower Upper

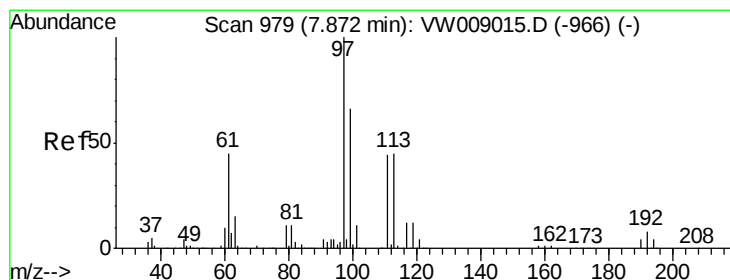
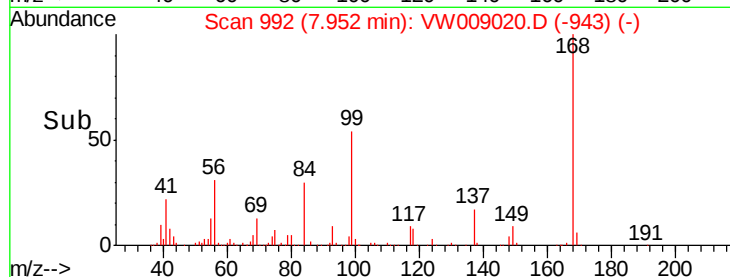
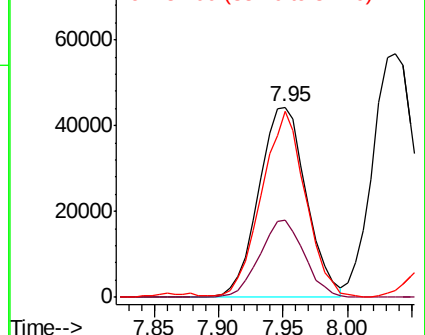
56 100

69 40.3 27.0 40.4

84 95.7 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: 19.581 ug/l

RT: 7.87 min Scan# 978

Delta R.T. -0.01 min

Lab File: VW009020.D

Acq: 06 Mar 2019 17:29

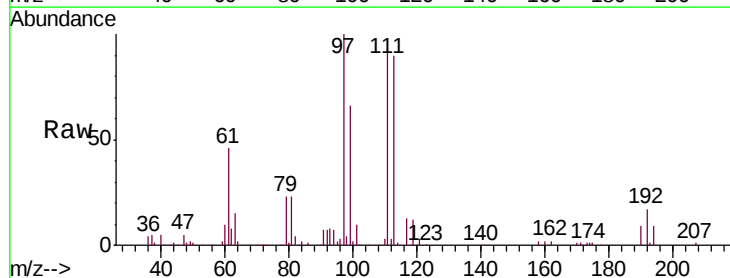
Tgt Ion: 97 Resp: 104499

Ion Ratio Lower Upper

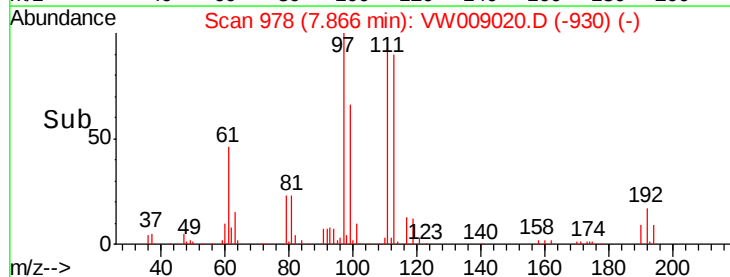
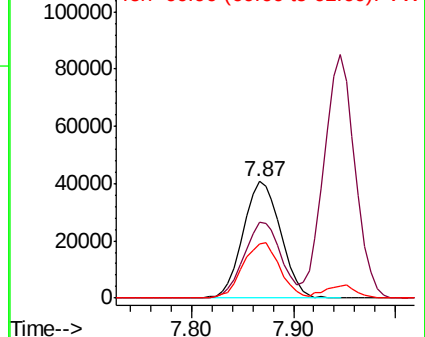
97 100

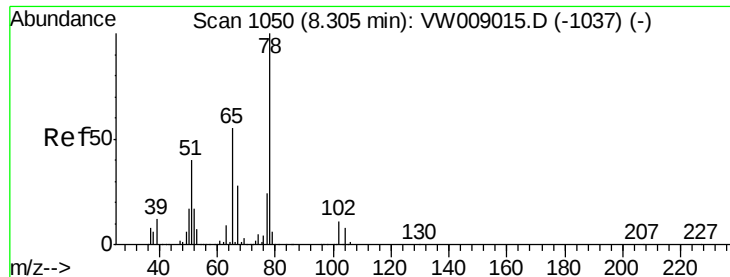
99 64.2 51.4 77.0

61 46.6 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

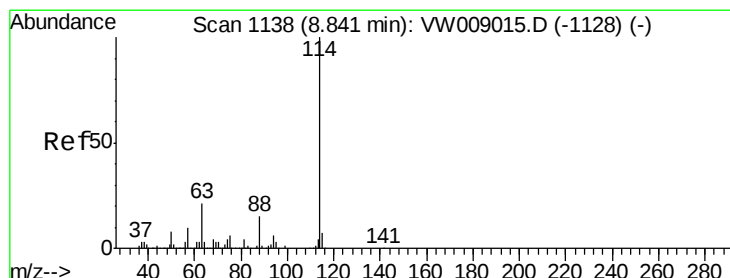
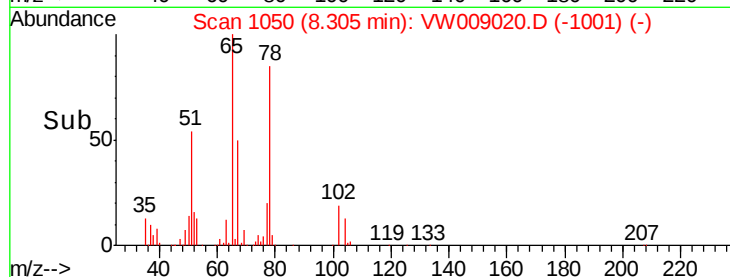
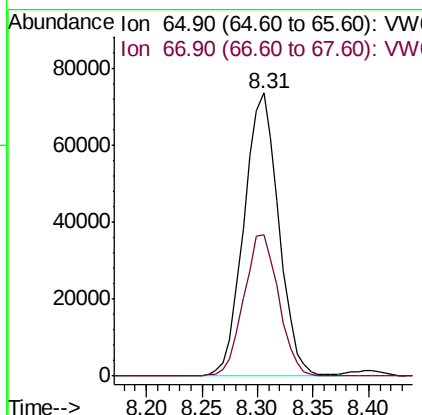
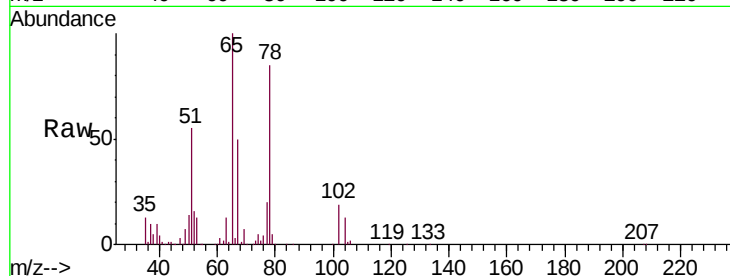




#33
 1,2-Dichloroethane-d4
 Concen: 49.281 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VW009020.D
 Acq: 06 Mar 2019 17:29

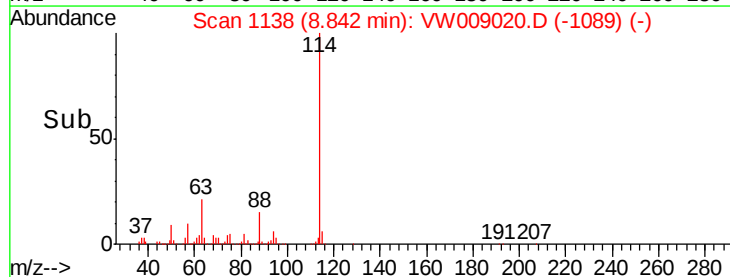
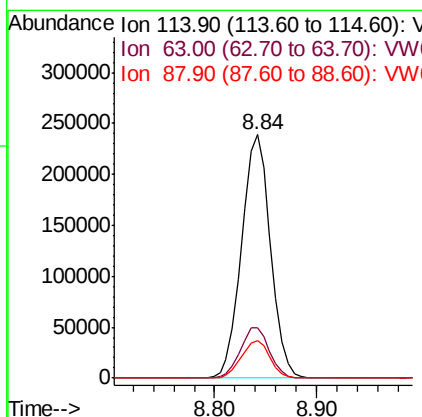
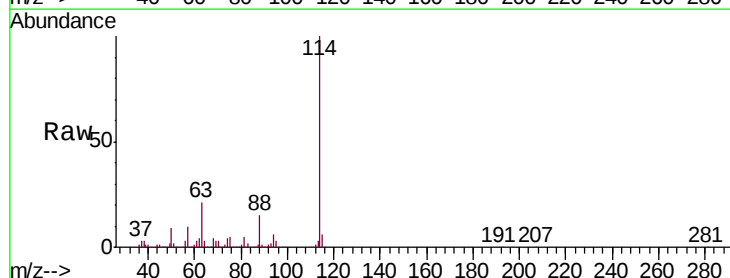
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0306SBS01

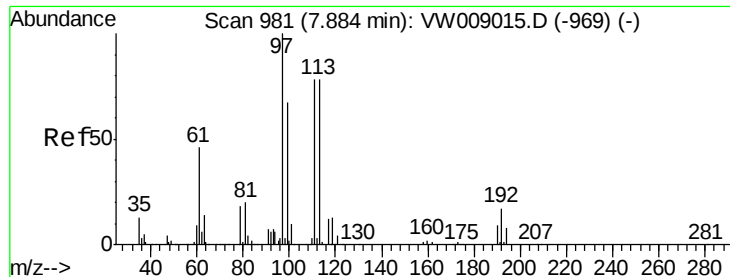
Tgt Ion: 65 Resp: 160041
 Ion Ratio Lower Upper
 65 100
 67 50.3 0.0 102.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW009020.D
 Acq: 06 Mar 2019 17:29

Tgt Ion: 114 Resp: 470030
 Ion Ratio Lower Upper
 114 100
 63 20.8 0.0 42.4
 88 15.4 0.0 30.8





#35

Dibromofluoromethane

Concen: 48.236 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.00 min

Lab File: VW009020.D

Acq: 06 Mar 2019 17:29

Instrument :

MSVOA_W

ClientSampleId :

VW0306SBS01

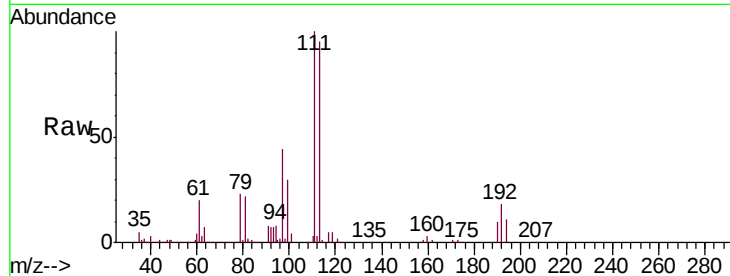
Tgt Ion:113 Resp: 136484

Ion Ratio Lower Upper

113 100

111 105.3 80.5 120.7

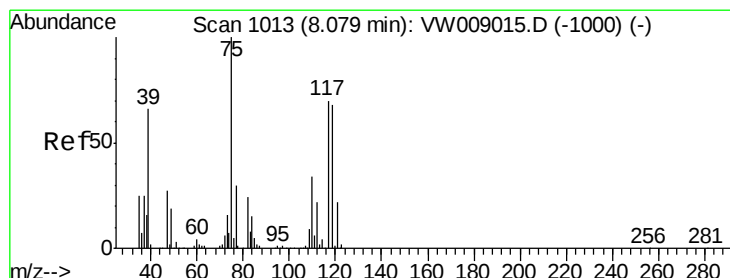
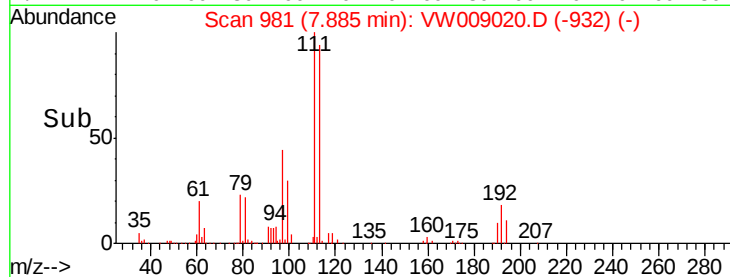
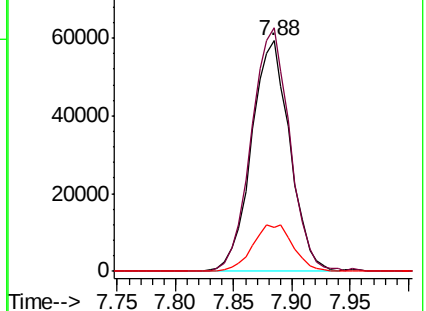
192 21.5 16.7 25.1



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: 20.005 ug/l

RT: 8.08 min Scan# 1013

Delta R.T. 0.00 min

Lab File: VW009020.D

Acq: 06 Mar 2019 17:29

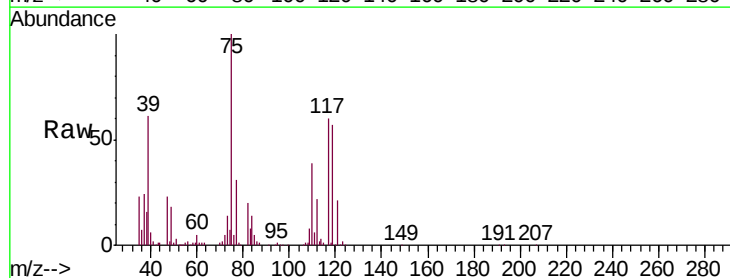
Tgt Ion: 75 Resp: 93494

Ion Ratio Lower Upper

75 100

110 35.8 17.3 51.9

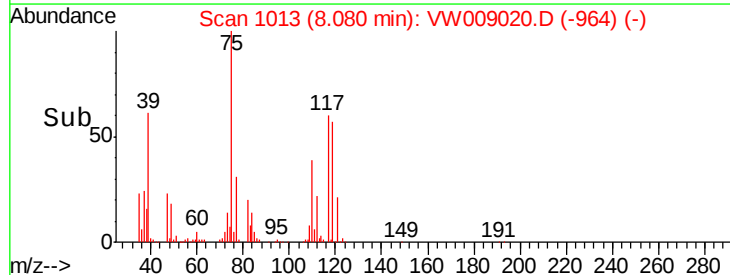
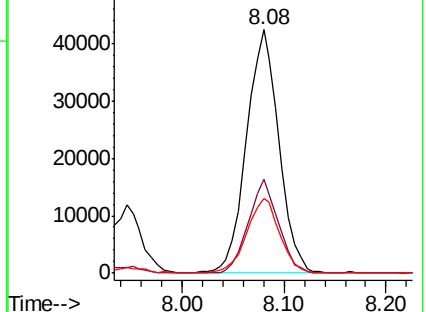
77 31.3 24.8 37.2

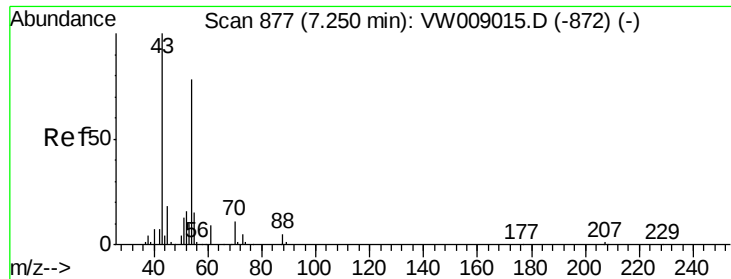


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW

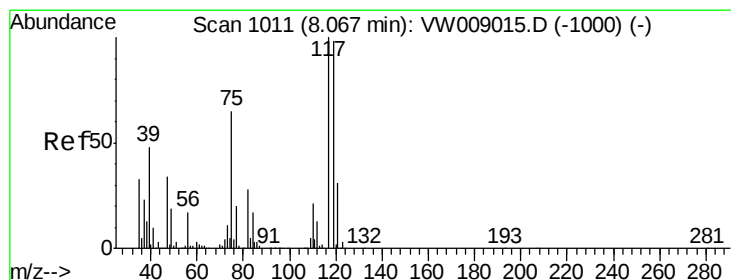
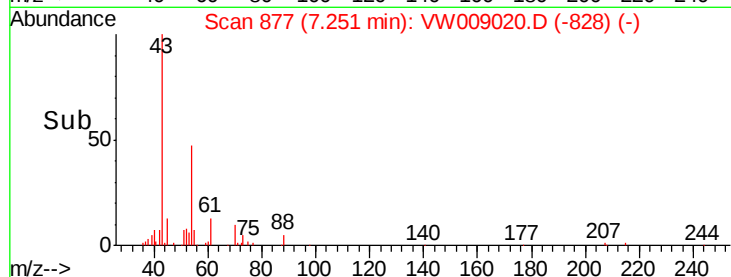
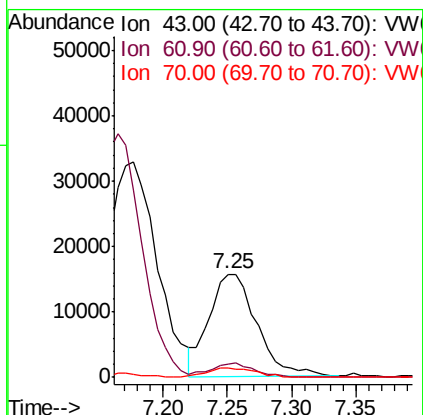
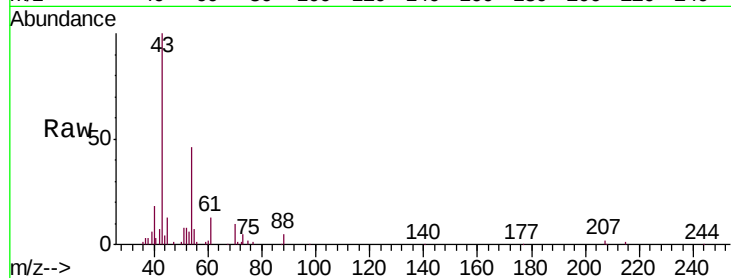




#37
 Ethyl Acetate
 Concen: 19.517 ug/l
 RT: 7.25 min Scan# 877
 Delta R.T. 0.00 min
 Lab File: VW009020.D
 Acq: 06 Mar 2019 17:29

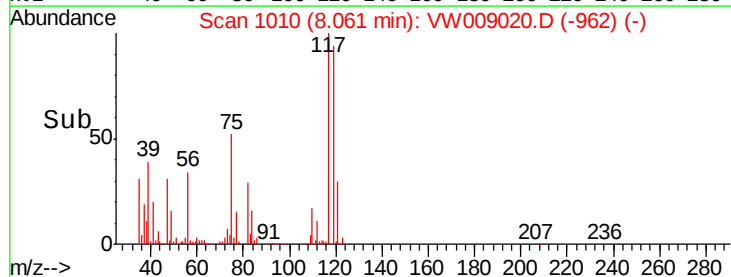
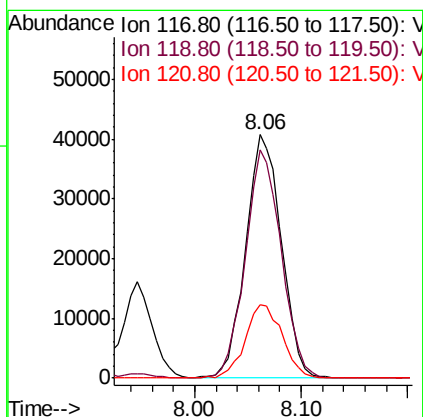
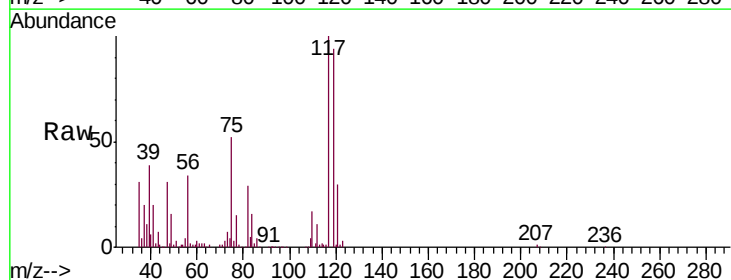
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0306SBS01

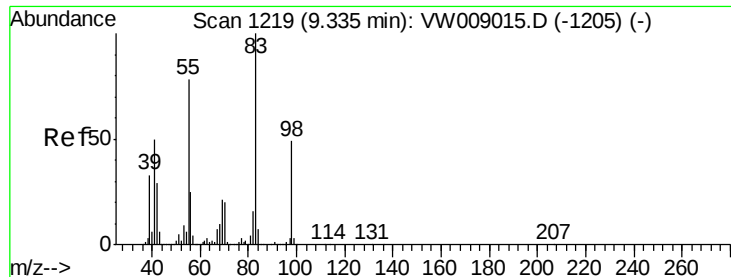
Tgt Ion: 43 Resp: 40346
 Ion Ratio Lower Upper
 43 100
 61 12.9 10.6 15.8
 70 9.6 7.8 11.8



#38
 Carbon Tetrachloride
 Concen: 19.839 ug/l
 RT: 8.06 min Scan# 1010
 Delta R.T. -0.01 min
 Lab File: VW009020.D
 Acq: 06 Mar 2019 17:29

Tgt Ion: 117 Resp: 95952
 Ion Ratio Lower Upper
 117 100
 119 93.7 78.4 117.6
 121 30.1 24.7 37.1

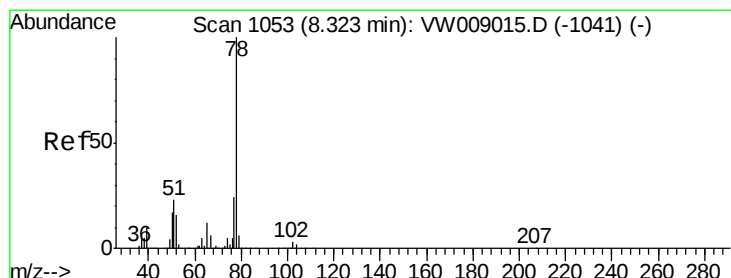
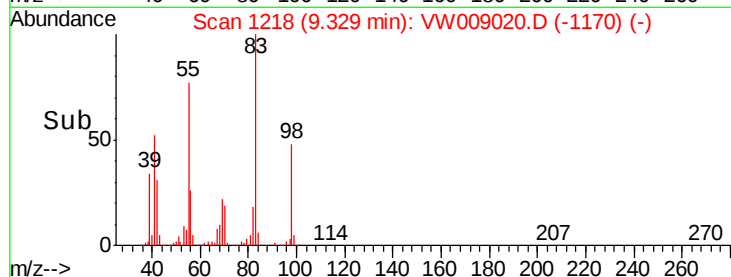
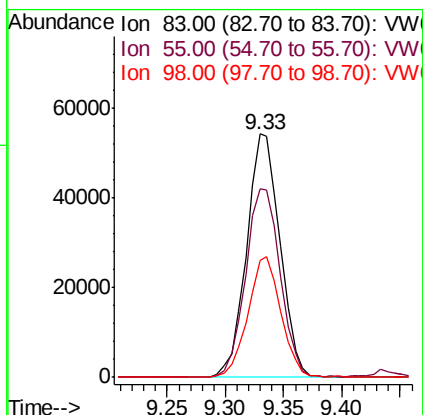
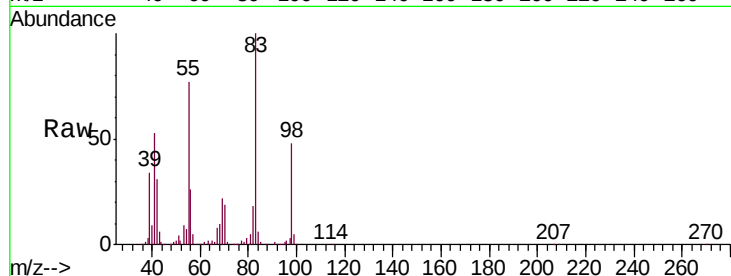




#39
Methylcyclohexane
Concen: 19.119 ug/l
RT: 9.33 min Scan# 1218
Delta R.T. -0.01 min
Lab File: VW009020.D
Acq: 06 Mar 2019 17:29

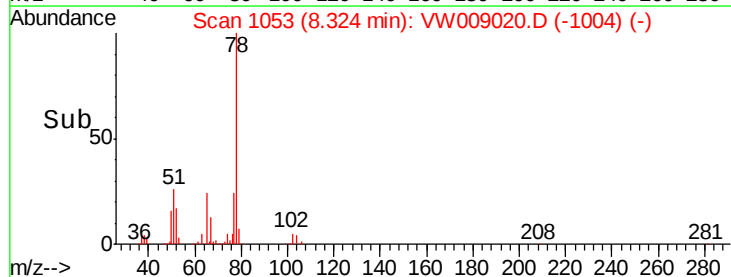
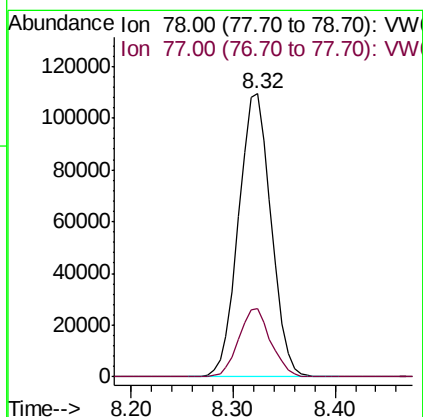
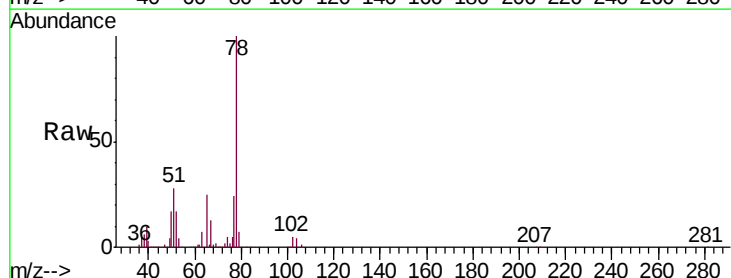
Instrument :
MSVOA_W
ClientSampleId :
VW0306SBS01

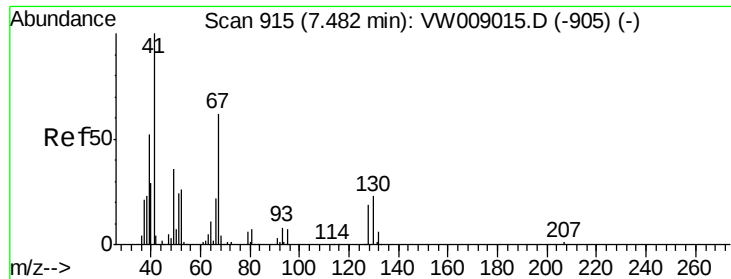
Tgt Ion: 83 Resp: 107946
Ion Ratio Lower Upper
83 100
55 77.4 62.6 93.8
98 48.2 39.4 59.2



#40
Benzene
Concen: 19.238 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. 0.00 min
Lab File: VW009020.D
Acq: 06 Mar 2019 17:29

Tgt Ion: 78 Resp: 242509
Ion Ratio Lower Upper
78 100
77 24.0 18.9 28.3

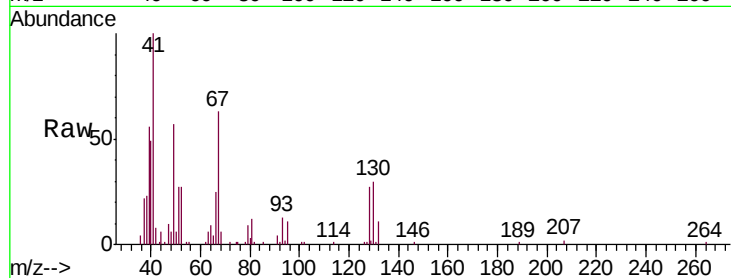




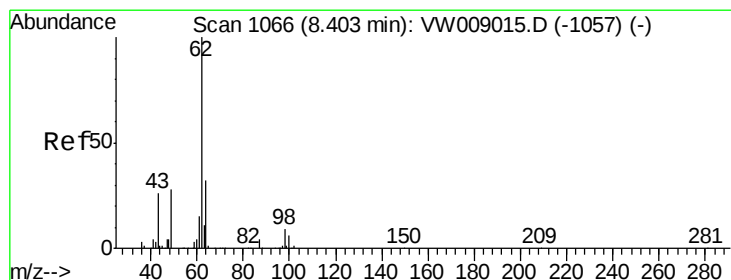
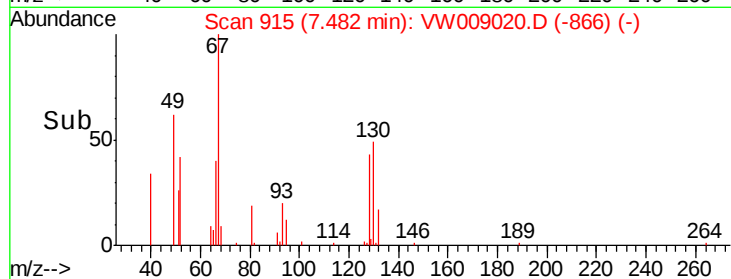
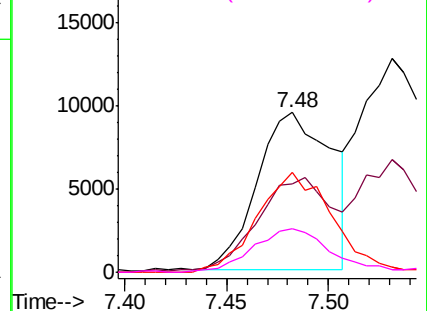
#41
Methacrylonitrile
Concen: 19.677 ug/l
RT: 7.48 min Scan# 915
Delta R.T. 0.00 min
Lab File: VW009020.D
Acq: 06 Mar 2019 17:29

Instrument :
MSVOA_W
ClientSampleId :
VW0306SBS01

Tgt Ion:	41	Resp:	24128
Ion	Ratio	Lower	Upper
41	100		
39	60.8	50.6	75.8
67	63.8	59.0	88.6
52	29.1	26.6	39.8

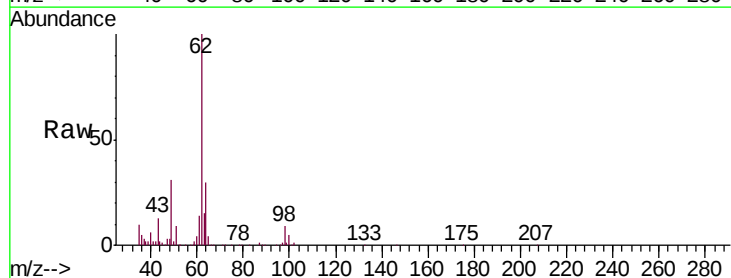


Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 39.00 (38.70 to 39.70): VW
Ion 67.00 (66.70 to 67.70): VW
Ion 52.00 (51.70 to 52.70): VW

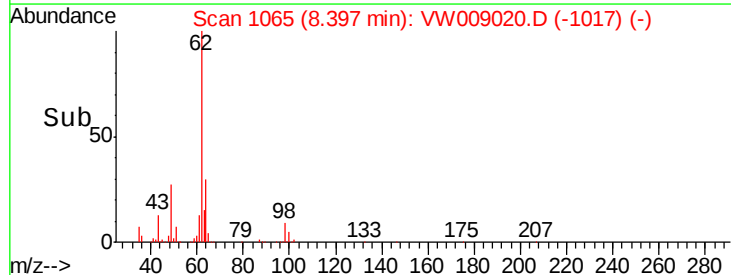
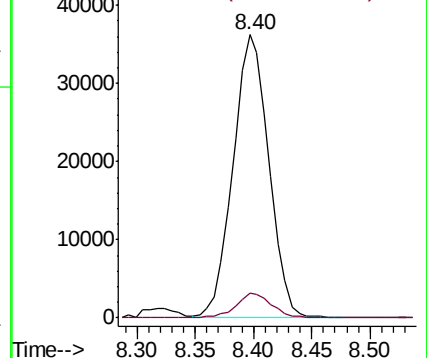


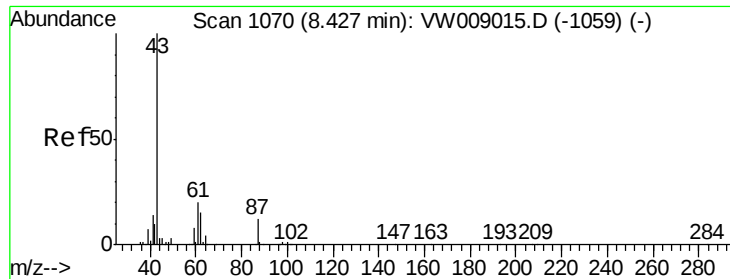
#42
1,2-Dichloroethane
Concen: 19.123 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. -0.01 min
Lab File: VW009020.D
Acq: 06 Mar 2019 17:29

Tgt Ion:	62	Resp:	77370
Ion	Ratio	Lower	Upper
62	100		
98	8.6	0.0	17.8



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





#43

Isopropyl Acetate

Concen: 18.951 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. -0.01 min

Lab File: VW009020.D

Acq: 06 Mar 2019 17:29

Instrument :

MSVOA_W

ClientSampleId :

VW0306SBS01

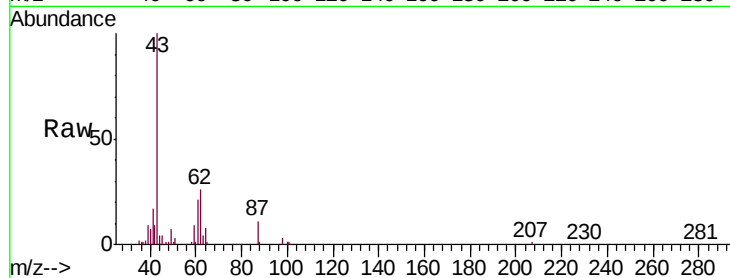
Tgt Ion: 43 Resp: 77012

Ion Ratio Lower Upper

43 100

61 28.8 23.5 35.3

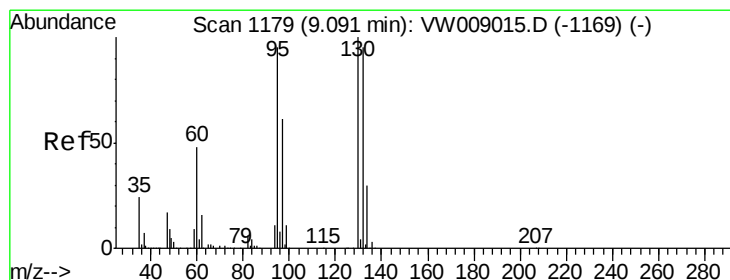
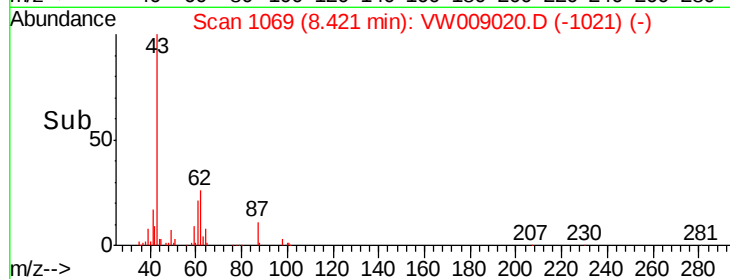
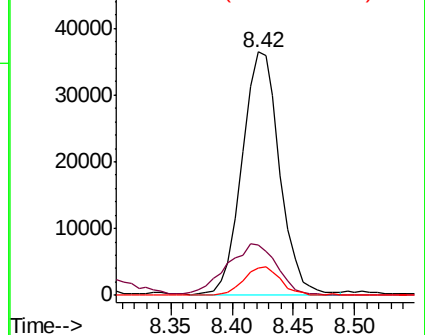
87 11.9 9.4 14.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 61.00 (60.70 to 61.70): VW

Ion 87.00 (86.70 to 87.70): VW



#44

Trichloroethene

Concen: 19.060 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. 0.00 min

Lab File: VW009020.D

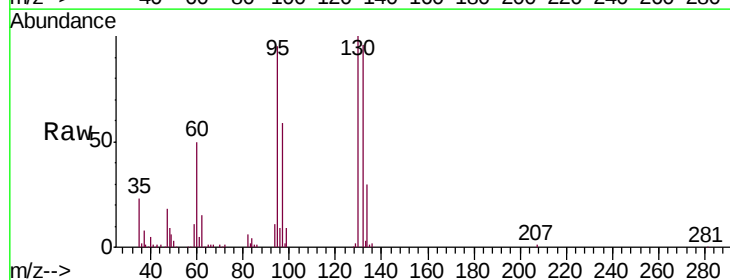
Acq: 06 Mar 2019 17:29

Tgt Ion: 130 Resp: 66995

Ion Ratio Lower Upper

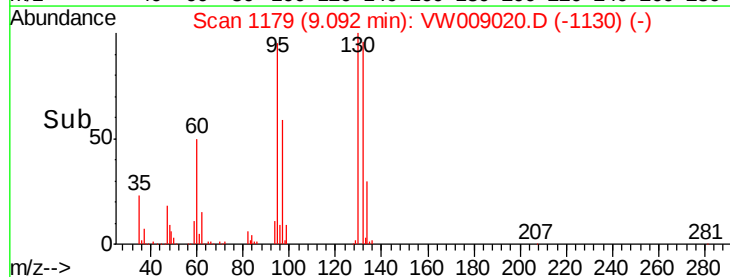
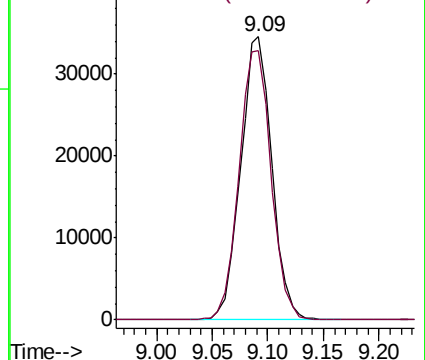
130 100

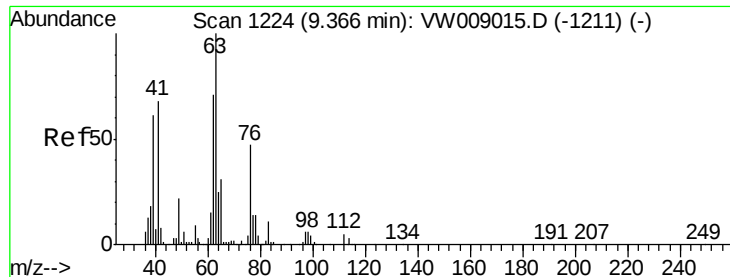
95 95.1 0.0 190.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VW

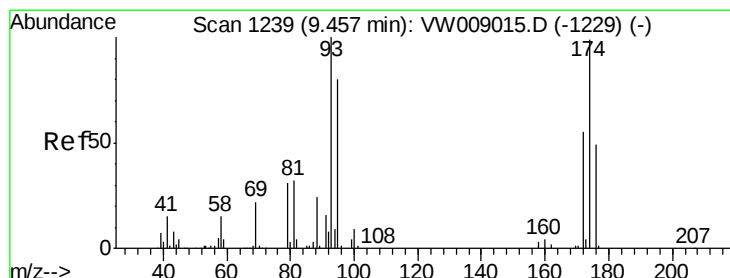
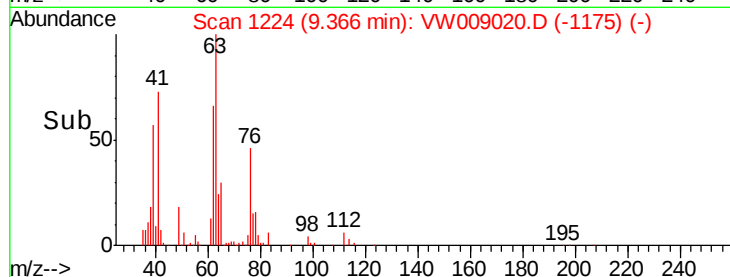
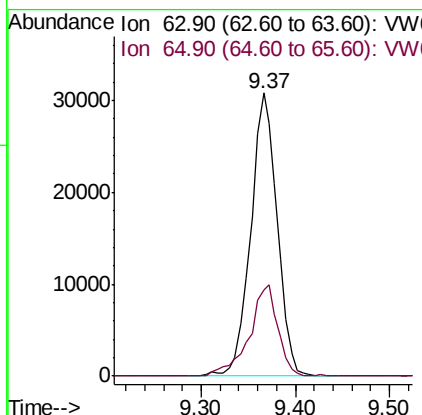
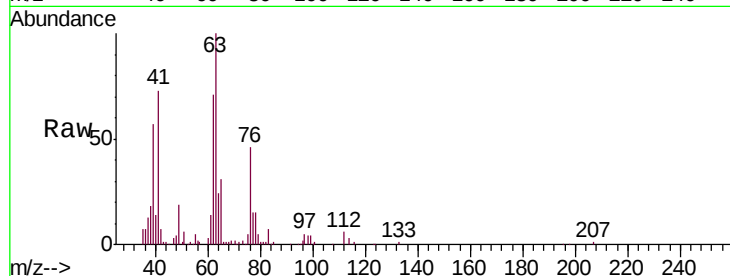




#45
 1,2-Dichloropropane
 Concen: 19.498 ug/l
 RT: 9.37 min Scan# 1224
 Delta R.T. 0.00 min
 Lab File: VW009020.D
 Acq: 06 Mar 2019 17:29

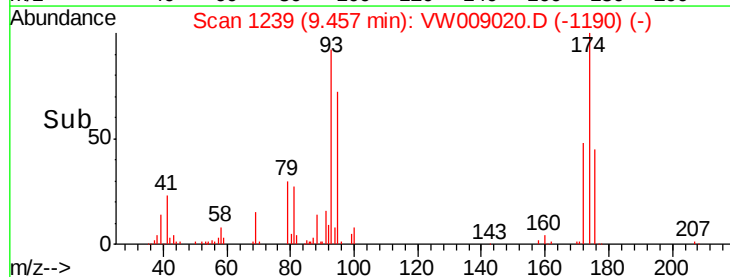
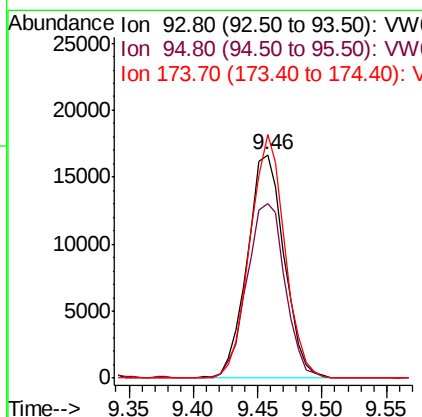
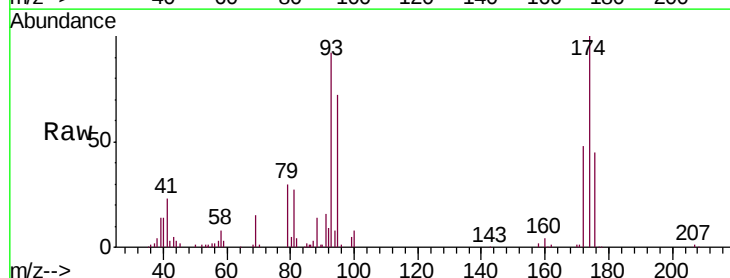
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0306SBS01

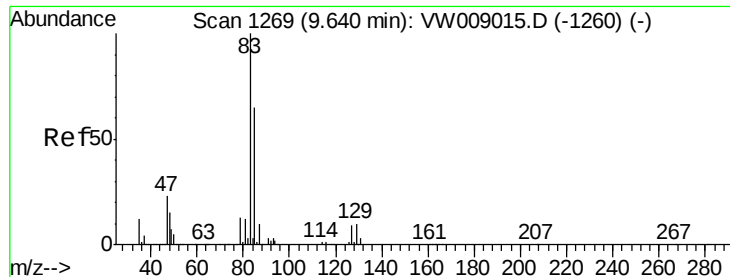
Tgt Ion: 63 Resp: 60934
 Ion Ratio Lower Upper
 63 100
 65 30.6 25.0 37.4



#46
 Dibromomethane
 Concen: 19.116 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. 0.00 min
 Lab File: VW009020.D
 Acq: 06 Mar 2019 17:29

Tgt Ion: 93 Resp: 32958
 Ion Ratio Lower Upper
 93 100
 95 81.0 64.1 96.1
 174 102.6 81.3 121.9





#47

Bromodichloromethane

Concen: 19.100 ug/l

RT: 9.64 min Scan# 1269

Delta R.T. 0.00 min

Lab File: VW009020.D

Acq: 06 Mar 2019 17:29

Instrument :

MSVOA_W

ClientSampleId :

VW0306SBS01

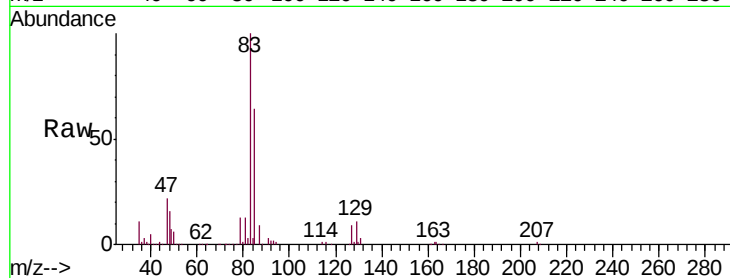
Tgt Ion: 83 Resp: 82551

Ion Ratio Lower Upper

83 100

85 63.9 51.9 77.9

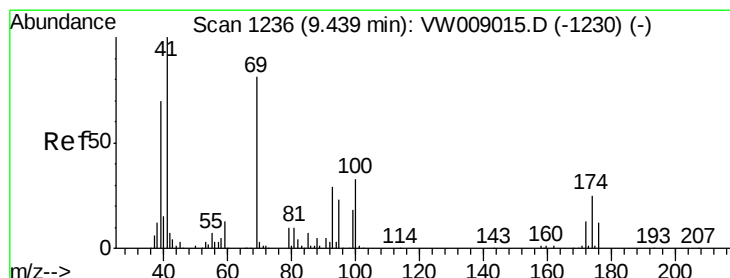
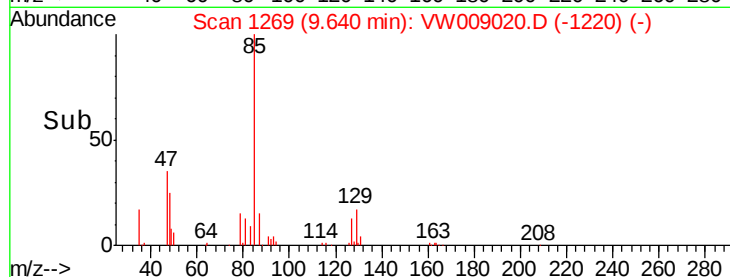
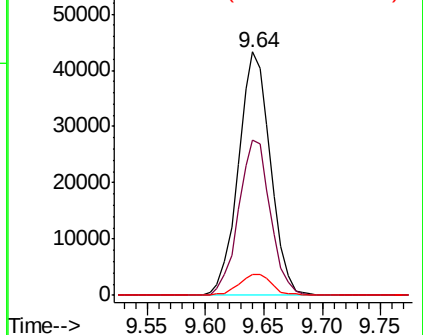
127 8.5 7.0 10.6



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: 19.664 ug/l

RT: 9.43 min Scan# 1235

Delta R.T. -0.01 min

Lab File: VW009020.D

Acq: 06 Mar 2019 17:29

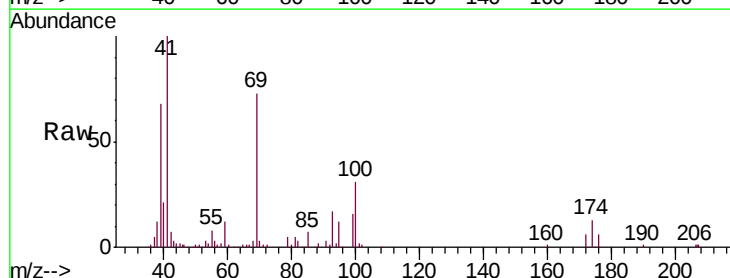
Tgt Ion: 41 Resp: 37759

Ion Ratio Lower Upper

41 100

69 74.1 61.8 92.6

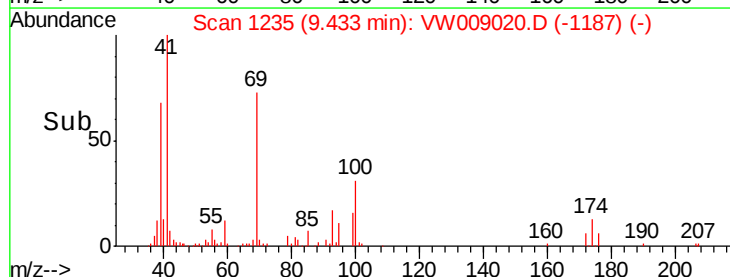
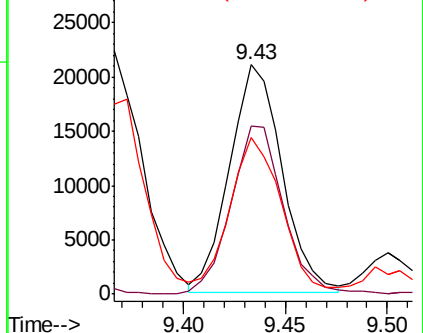
39 61.8 50.5 75.7

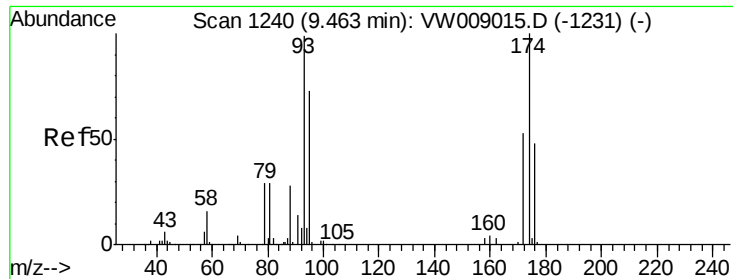


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 39.00 (38.70 to 39.70): VW

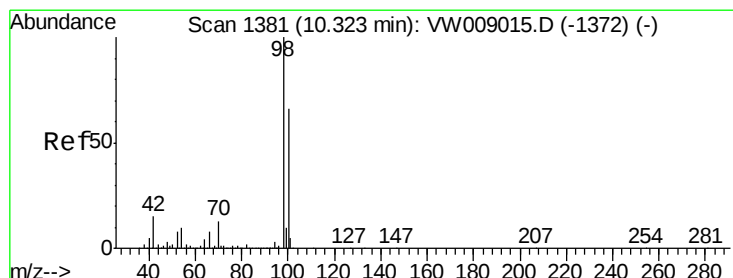
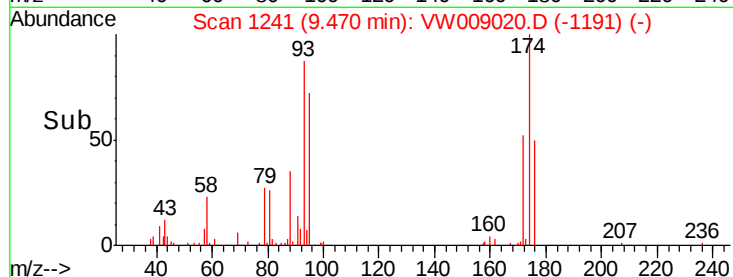
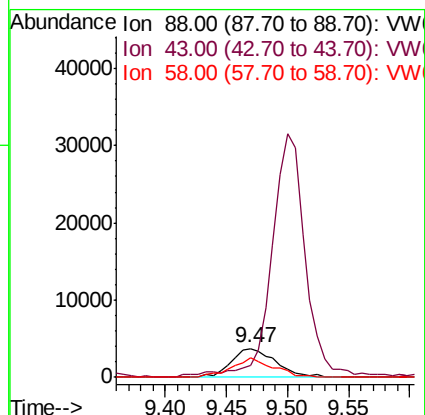
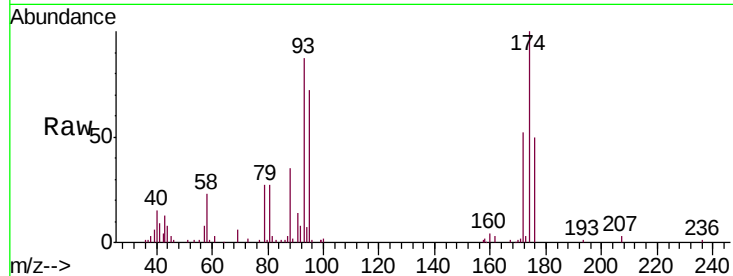




#49
1,4-Dioxane
Concen: 394.079 ug/l
RT: 9.47 min Scan# 1241
Delta R.T. 0.01 min
Lab File: VW009020.D
Acq: 06 Mar 2019 17:29

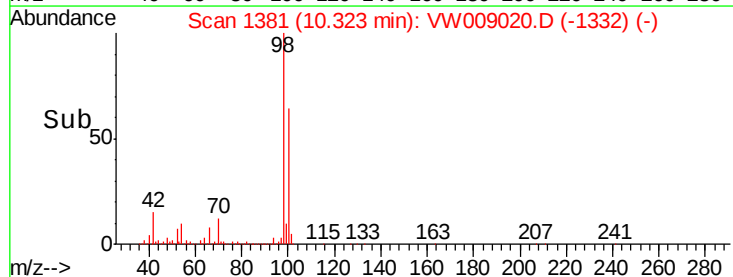
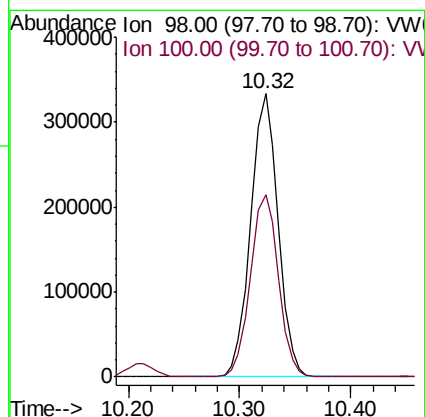
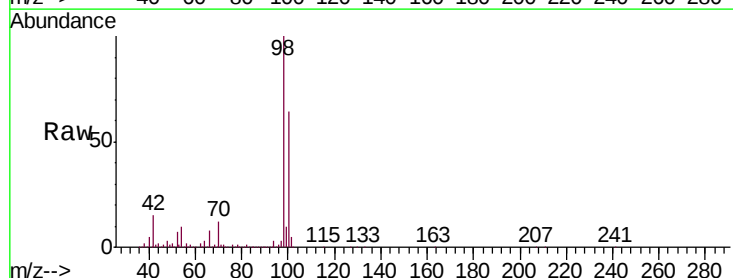
Instrument :
MSVOA_W
ClientSampleId :
VW0306SBS01

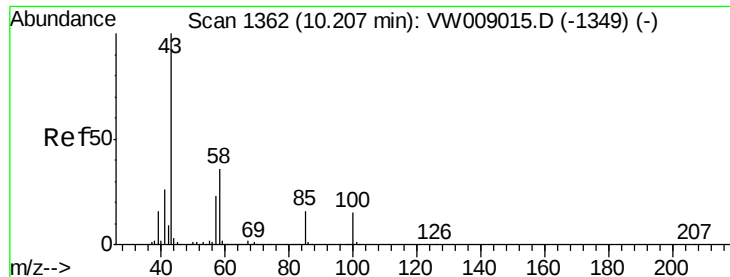
Tgt Ion: 88 Resp: 9288
Ion Ratio Lower Upper
88 100
43 0.0 0.0 0.0
58 64.1 55.0 82.6



#50
Toluene-d8
Concen: 49.275 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW009020.D
Acq: 06 Mar 2019 17:29

Tgt Ion: 98 Resp: 572963
Ion Ratio Lower Upper
98 100
100 65.8 52.9 79.3

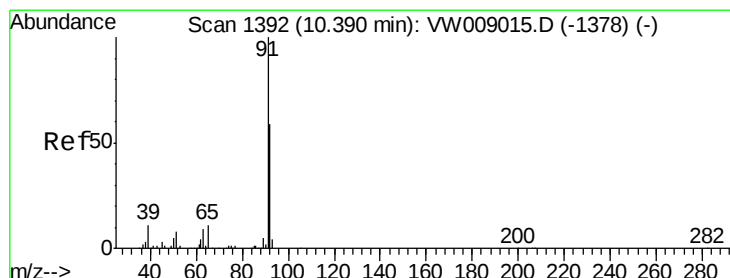
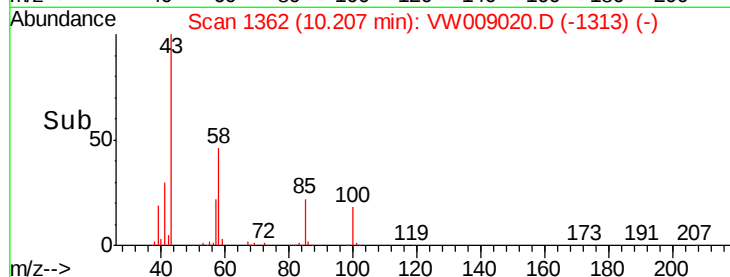
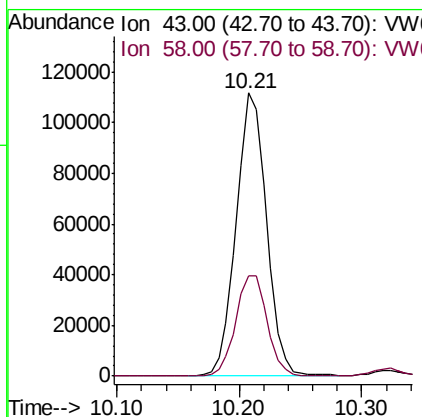
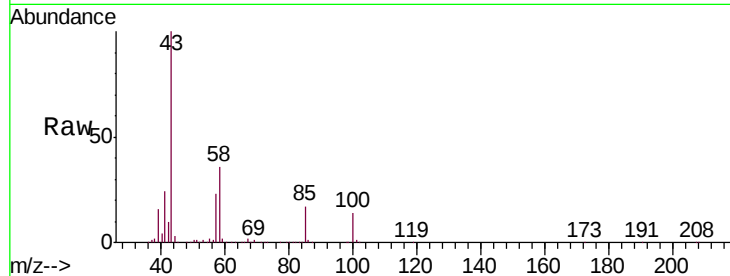




#51
 4-Methyl-2-Pentanone
 Concen: 93.238 ug/l
 RT: 10.21 min Scan# 1362
 Delta R.T. 0.00 min
 Lab File: VW009020.D
 Acq: 06 Mar 2019 17:29

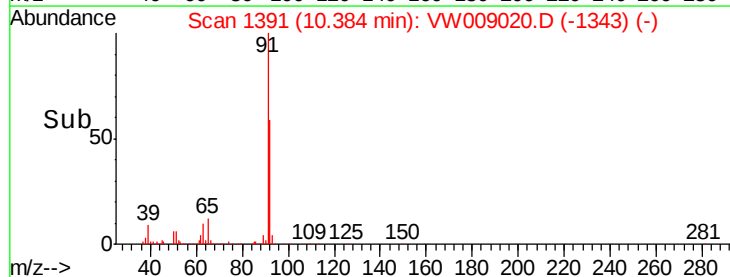
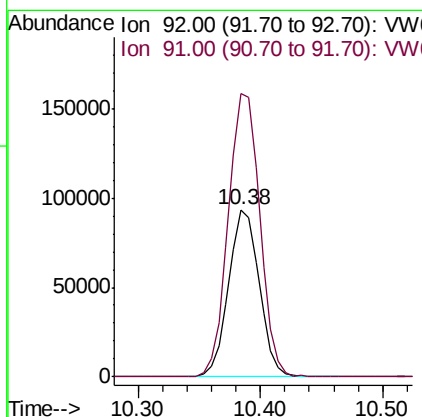
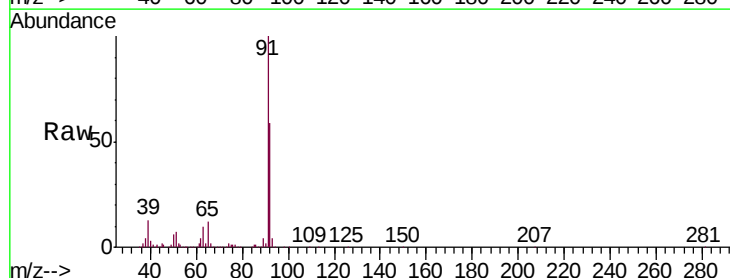
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0306SBS01

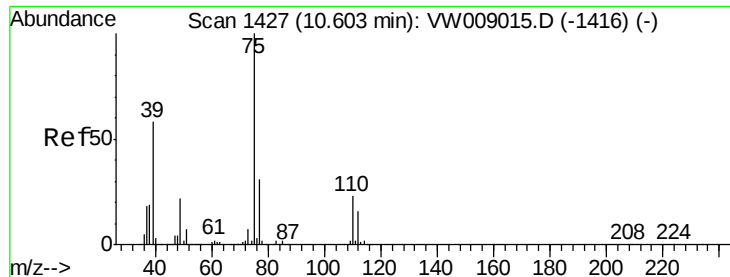
Tgt Ion: 43 Resp: 191604
 Ion Ratio Lower Upper
 43 100
 58 36.9 29.0 43.4



#52
 Toluene
 Concen: 18.990 ug/l
 RT: 10.38 min Scan# 1391
 Delta R.T. -0.01 min
 Lab File: VW009020.D
 Acq: 06 Mar 2019 17:29

Tgt Ion: 92 Resp: 161606
 Ion Ratio Lower Upper
 92 100
 91 174.6 138.1 207.1





#53

t-1,3-Dichloropropene

Concen: 19.019 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. 0.00 min

Lab File: VW009020.D

Acq: 06 Mar 2019 17:29

Instrument :

MSVOA_W

ClientSampled :

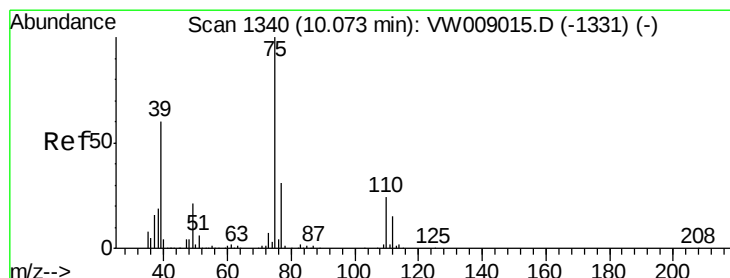
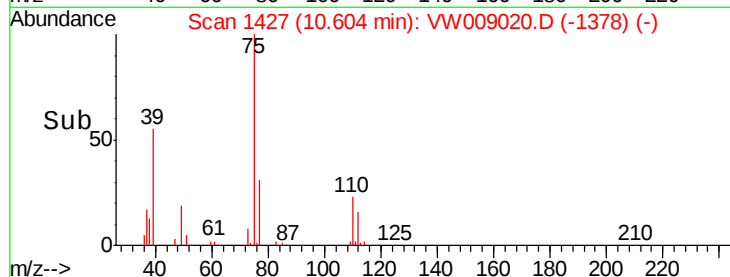
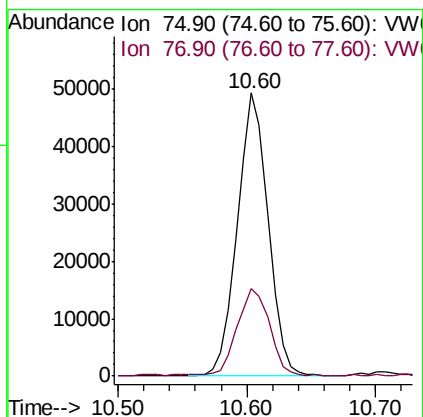
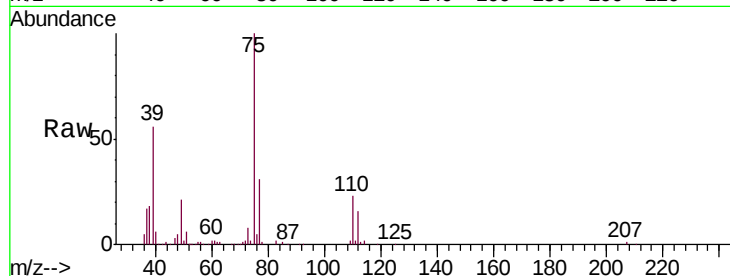
VW0306SBS01

Tgt Ion: 75 Resp: 81540

Ion Ratio Lower Upper

75 100

77 30.5 24.8 37.2



#54

cis-1,3-Dichloropropene

Concen: 19.171 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. 0.00 min

Lab File: VW009020.D

Acq: 06 Mar 2019 17:29

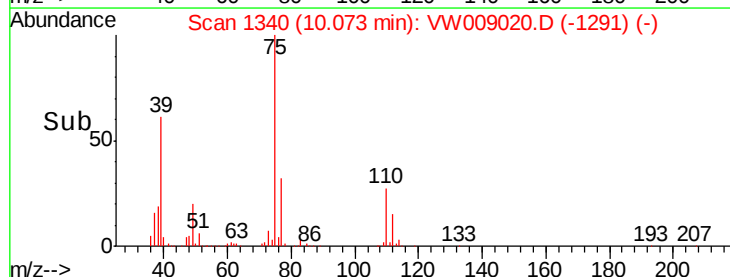
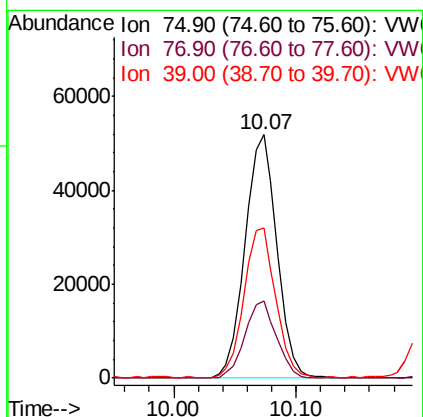
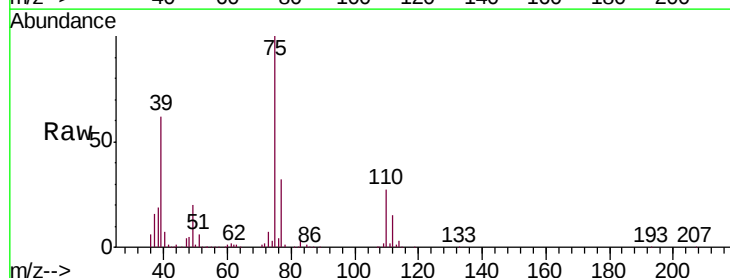
Tgt Ion: 75 Resp: 93829

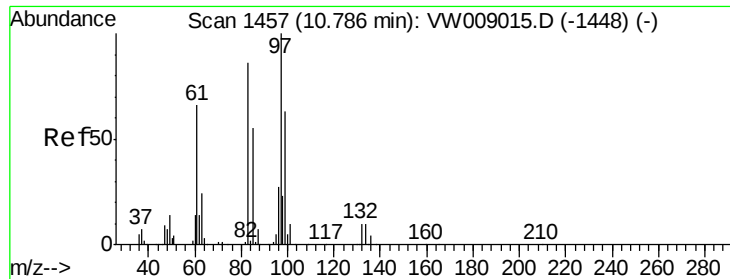
Ion Ratio Lower Upper

75 100

77 31.7 25.0 37.4

39 61.4 48.2 72.2

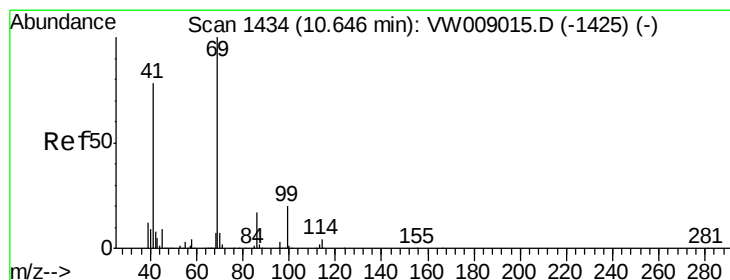
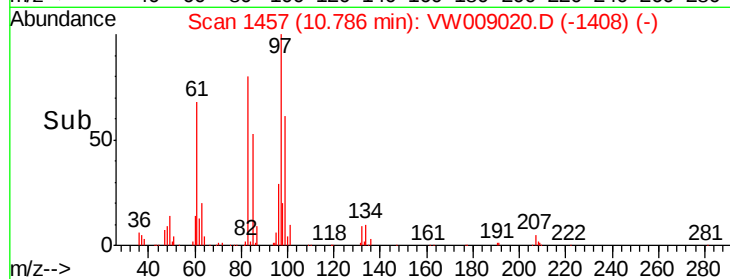
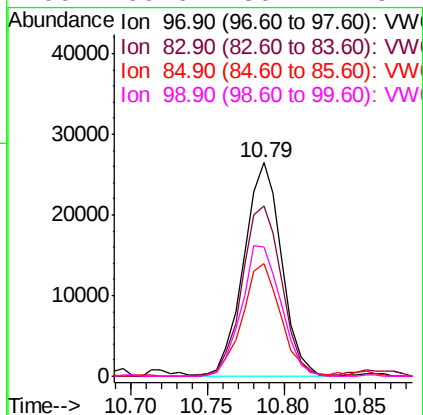
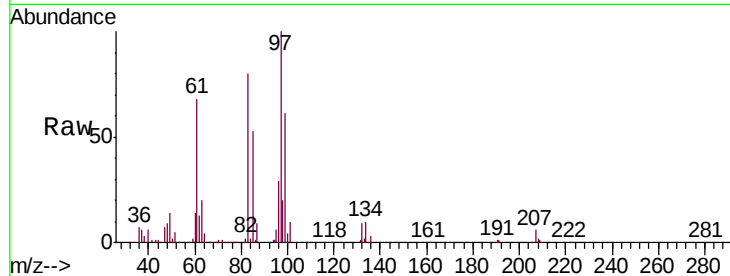




#55
 1,1,2-Trichloroethane
 Concen: 19.421 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. 0.00 min
 Lab File: VW009020.D
 Acq: 06 Mar 2019 17:29

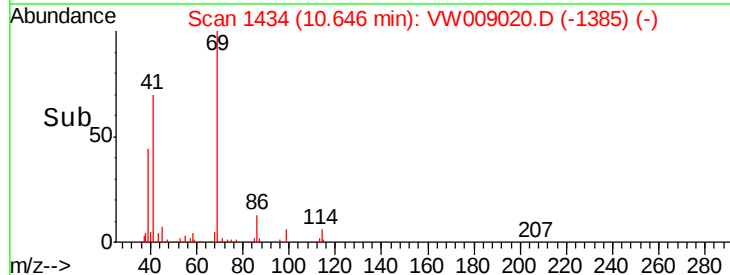
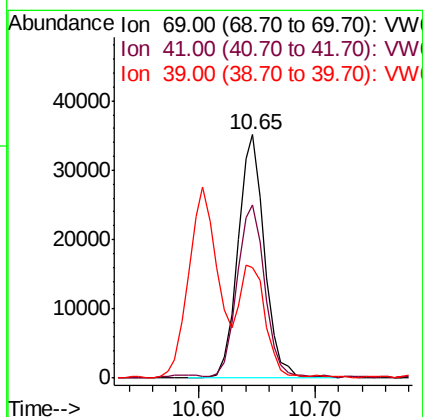
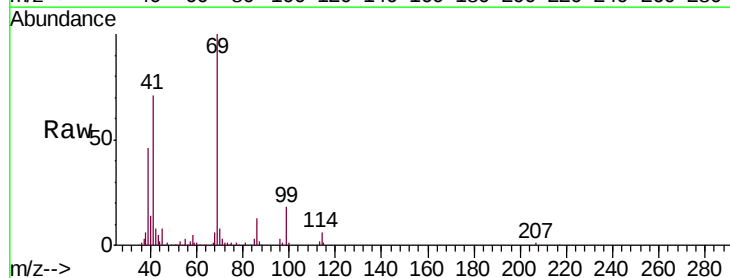
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0306SBS01

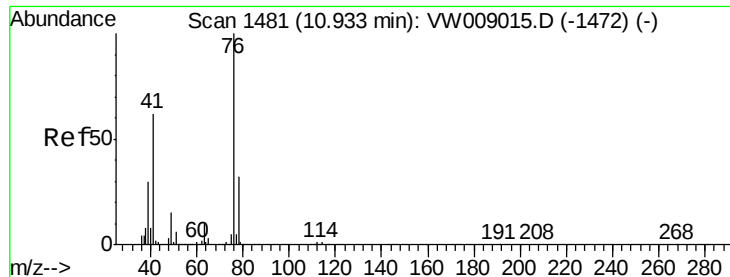
Tgt Ion:	97	Resp:	45478
Ion	Ratio	Lower	Upper
97	100		
83	79.8	68.8	103.2
85	52.5	43.7	65.5
99	60.6	50.1	75.1



#56
 Ethyl methacrylate
 Concen: 19.202 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: VW009020.D
 Acq: 06 Mar 2019 17:29

Tgt Ion:	69	Resp:	55619
Ion	Ratio	Lower	Upper
69	100		
41	73.2	58.9	88.3
39	44.7	37.6	56.4





#57

1,3-Dichloropropane

Concen: 19.319 ug/l

RT: 10.93 min Scan# 1481

Delta R.T. 0.00 min

Lab File: VW009020.D

Acq: 06 Mar 2019 17:29

Instrument :

MSVOA_W

ClientSampleId :

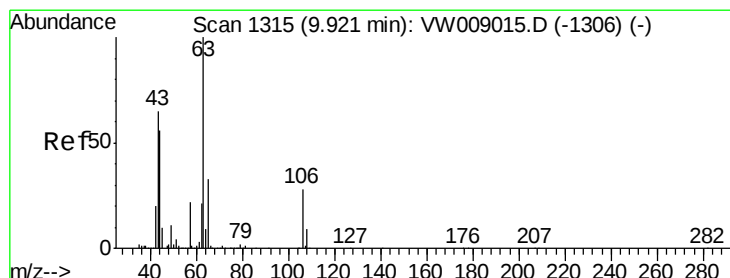
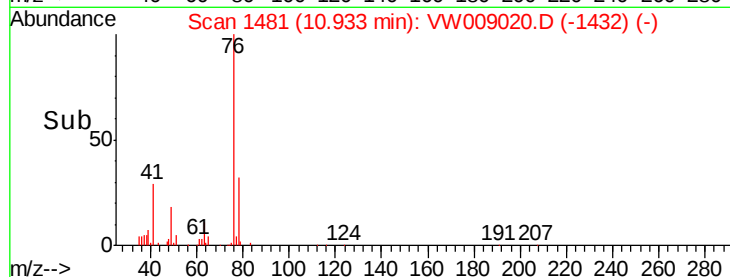
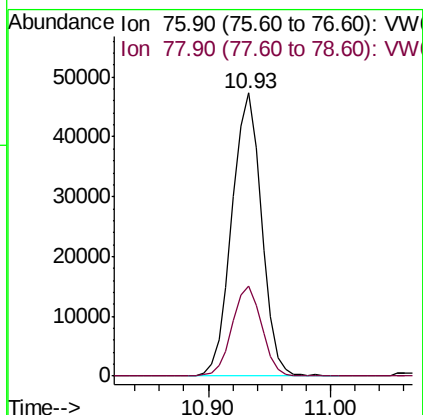
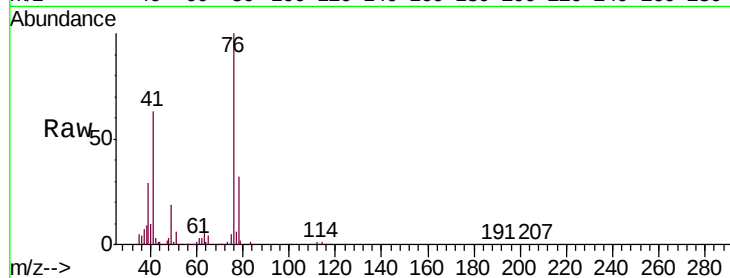
VW0306SBS01

Tgt Ion: 76 Resp: 79553

Ion Ratio Lower Upper

76 100

78 31.5 25.6 38.4



#58

2-Chloroethyl Vinyl ether

Concen: 92.947 ug/l

RT: 9.92 min Scan# 1315

Delta R.T. 0.00 min

Lab File: VW009020.D

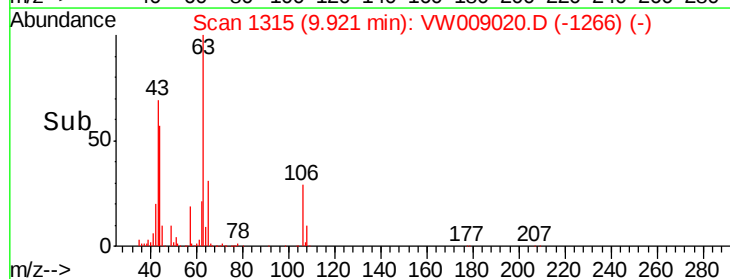
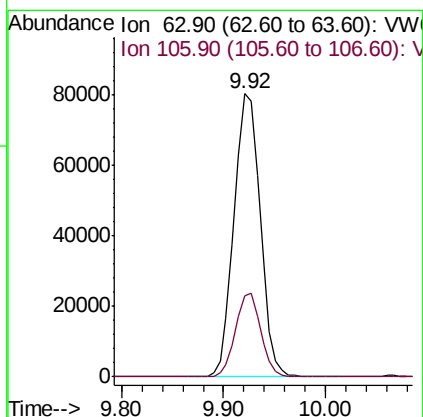
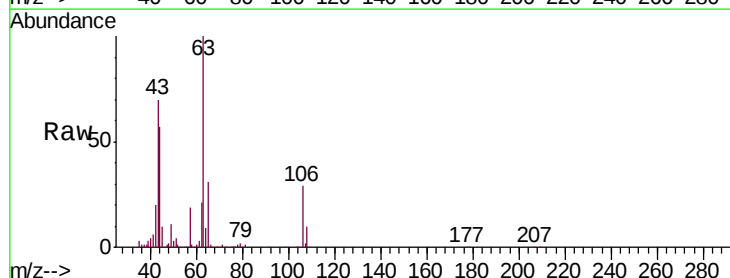
Acq: 06 Mar 2019 17:29

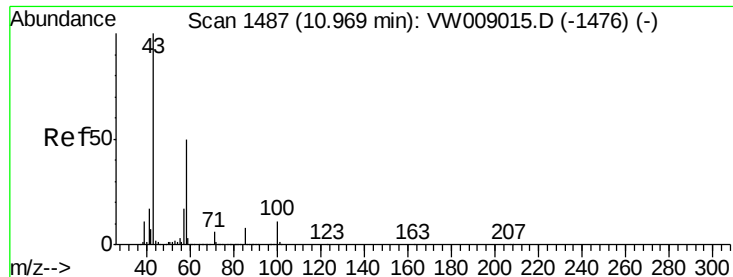
Tgt Ion: 63 Resp: 142859

Ion Ratio Lower Upper

63 100

106 28.5 23.0 34.6

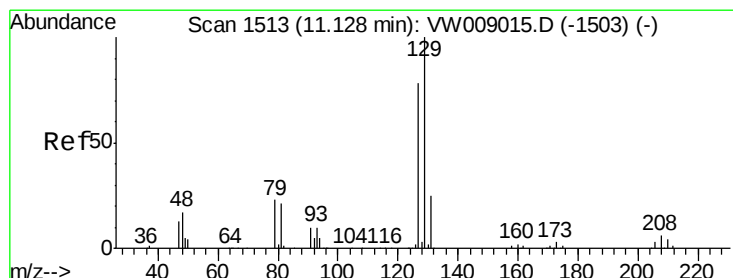
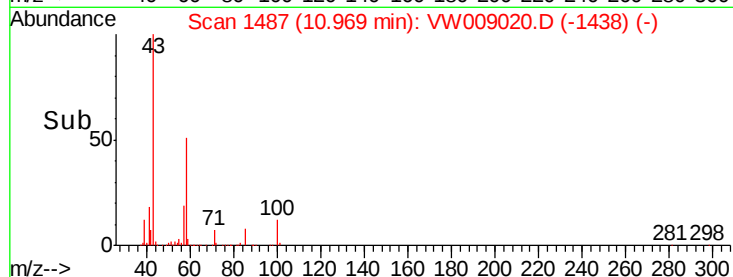
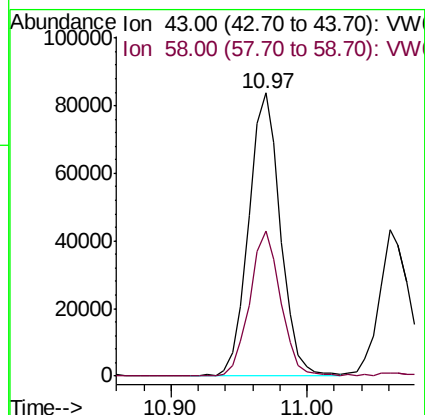
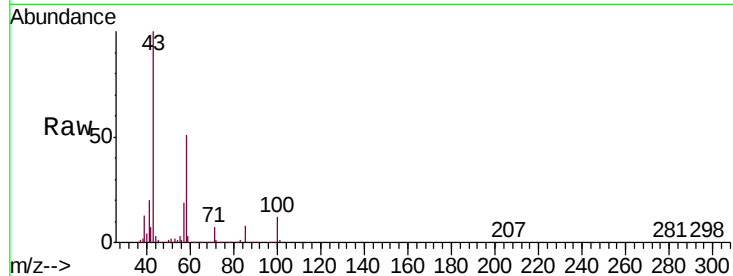




#59
2-Hexanone
Concen: 94.812 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VW009020.D
Acq: 06 Mar 2019 17:29

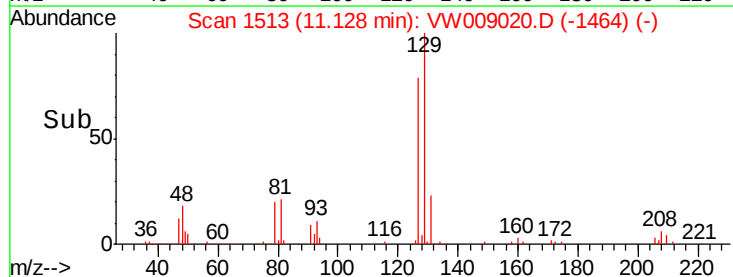
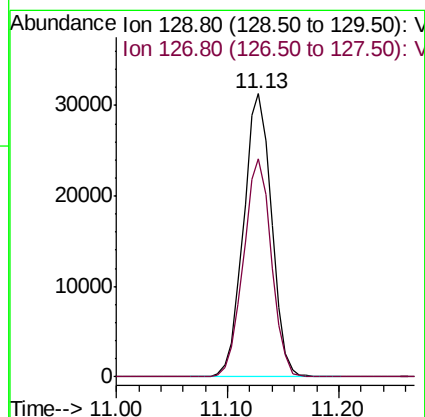
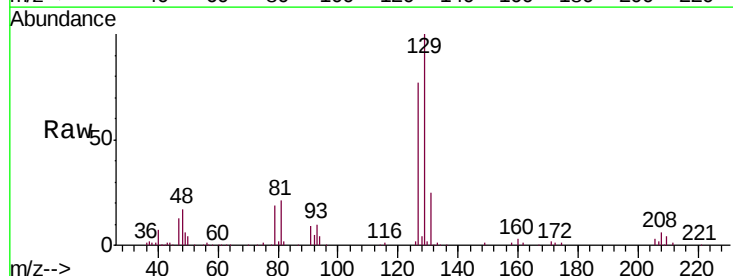
Instrument :
MSVOA_W
ClientSampleId :
VW0306SBS01

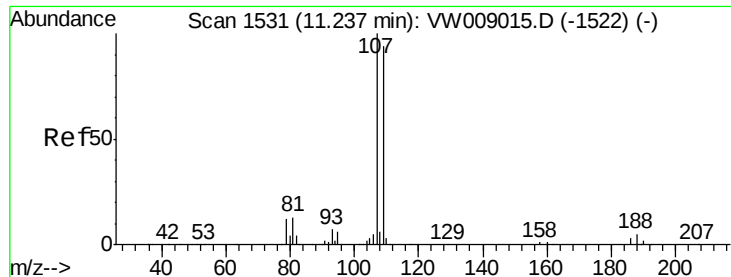
Tgt Ion: 43 Resp: 136972
Ion Ratio Lower Upper
43 100
58 50.1 25.3 75.8



#60
Dibromochloromethane
Concen: 19.238 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VW009020.D
Acq: 06 Mar 2019 17:29

Tgt Ion: 129 Resp: 54717
Ion Ratio Lower Upper
129 100
127 76.3 39.0 116.9

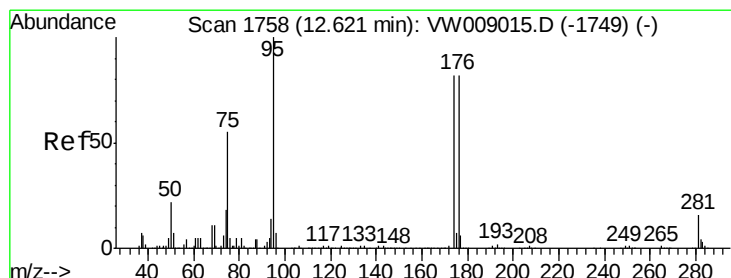
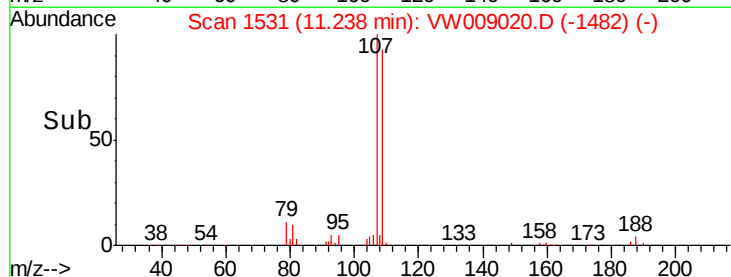
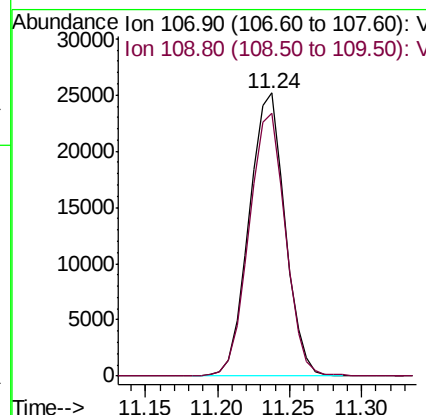
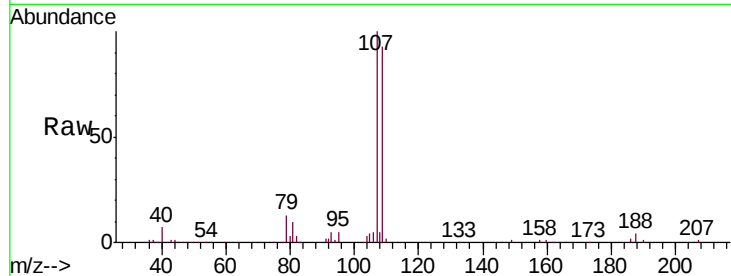




#61
 1,2-Dibromoethane
 Concen: 19.500 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. 0.00 min
 Lab File: VW009020.D
 Acq: 06 Mar 2019 17:29

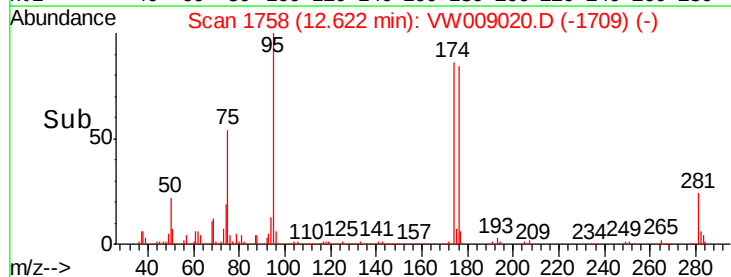
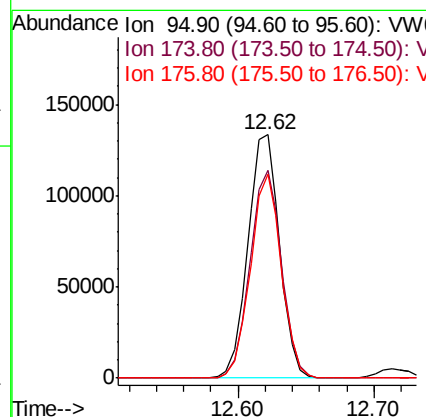
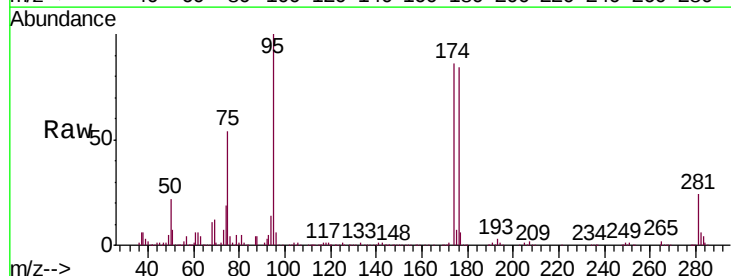
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0306SBS01

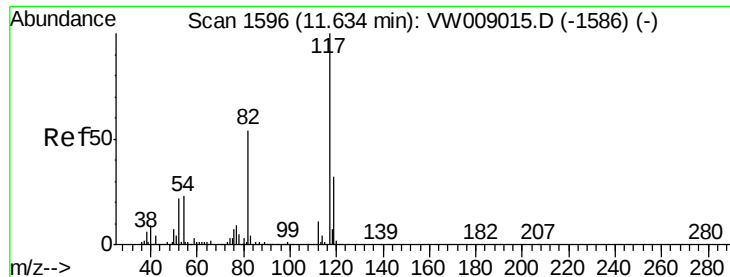
Tgt Ion: 107 Resp: 43279
 Ion Ratio Lower Upper
 107 100
 109 94.5 75.7 113.5



#62
 4-Bromofluorobenzene
 Concen: 48.290 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.00 min
 Lab File: VW009020.D
 Acq: 06 Mar 2019 17:29

Tgt Ion: 95 Resp: 216856
 Ion Ratio Lower Upper
 95 100
 174 85.2 0.0 165.8
 176 81.7 0.0 159.8

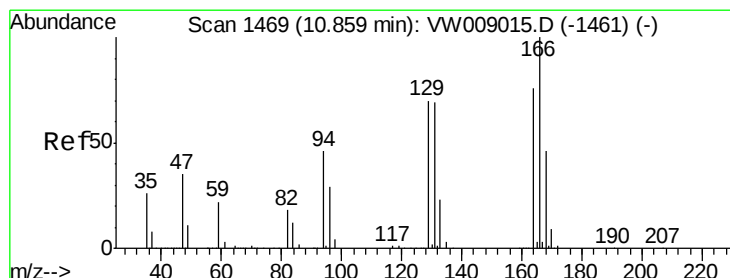
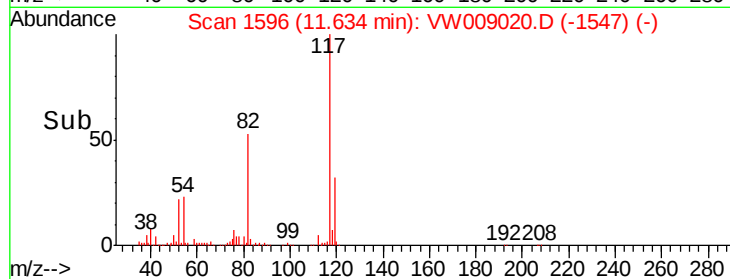
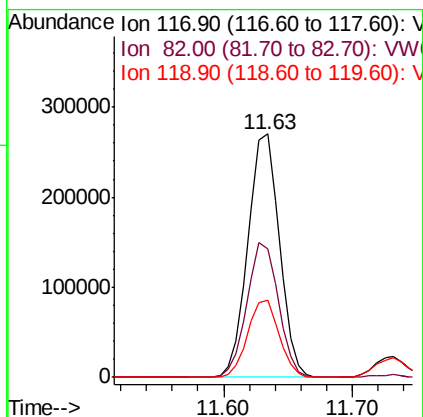
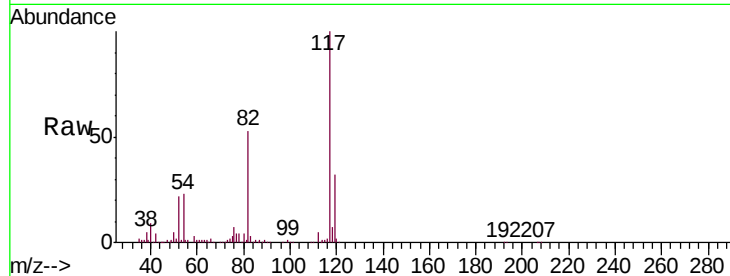




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW009020.D
Acq: 06 Mar 2019 17:29

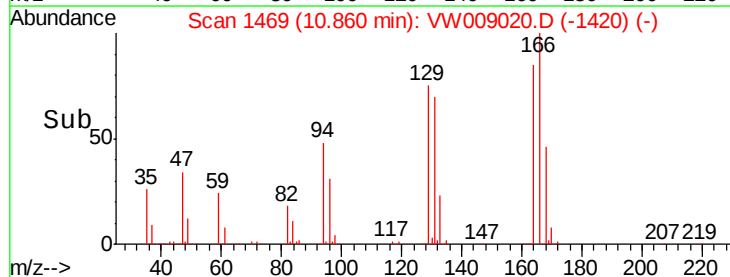
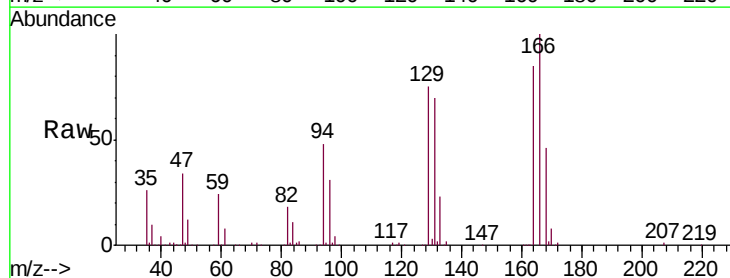
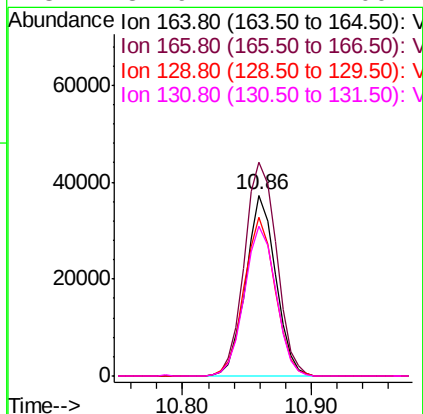
Instrument :
MSVOA_W
ClientSampleId :
VW0306SBS01

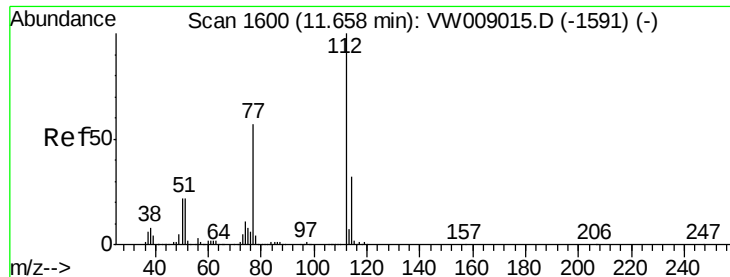
Tgt Ion:117 Resp: 455174
Ion Ratio Lower Upper
117 100
82 52.9 43.4 65.2
119 31.9 25.8 38.8



#64
Tetrachloroethene
Concen: 18.976 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VW009020.D
Acq: 06 Mar 2019 17:29

Tgt Ion:164 Resp: 59639
Ion Ratio Lower Upper
164 100
166 118.1 104.6 157.0
129 88.1 73.4 110.2
131 82.9 72.7 109.1

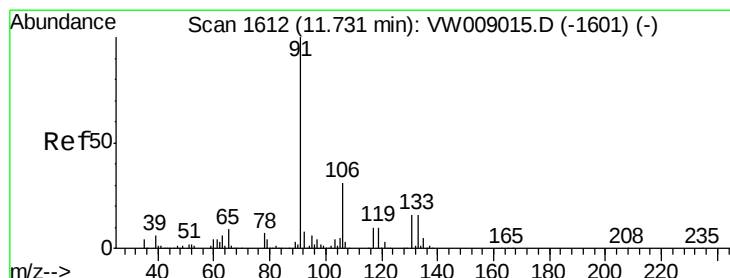
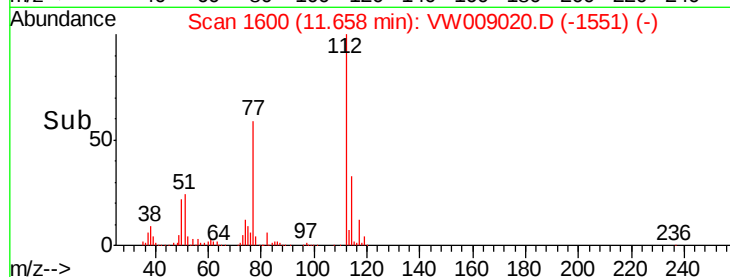
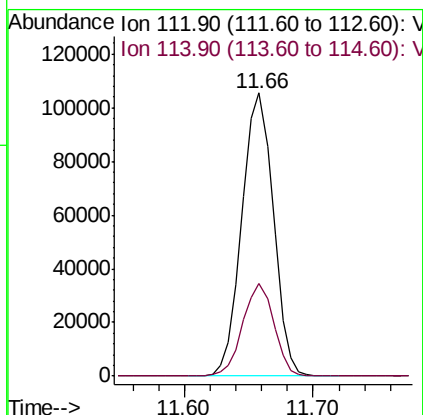
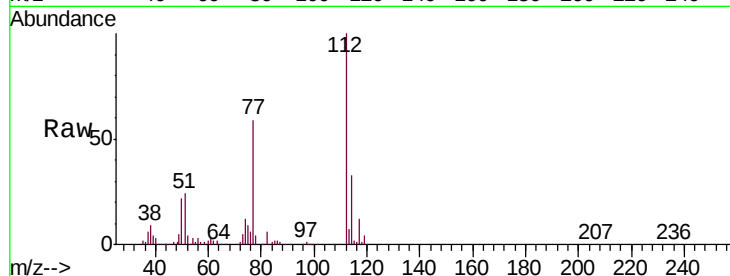




#65
Chlorobenzene
Concen: 18.901 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VW009020.D
Acq: 06 Mar 2019 17:29

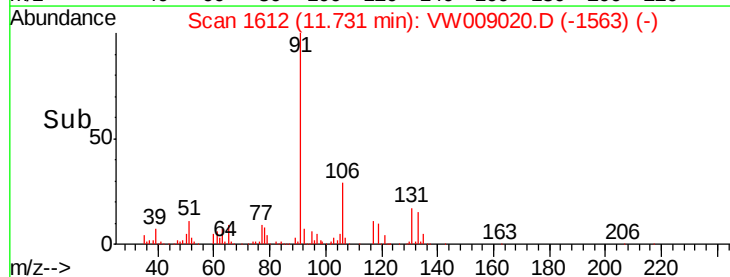
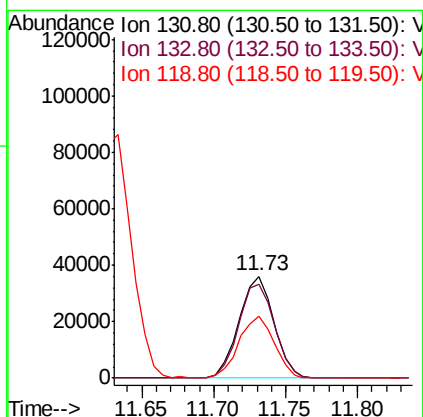
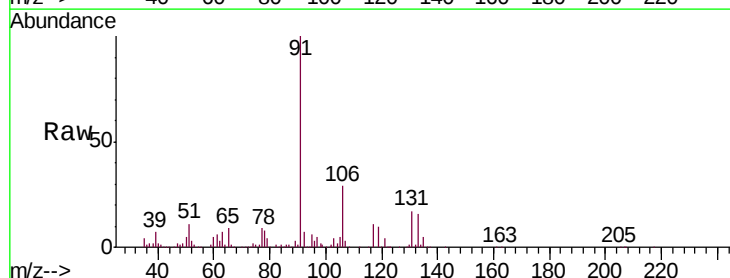
Instrument :
MSVOA_W
ClientSampleId :
VW0306SBS01

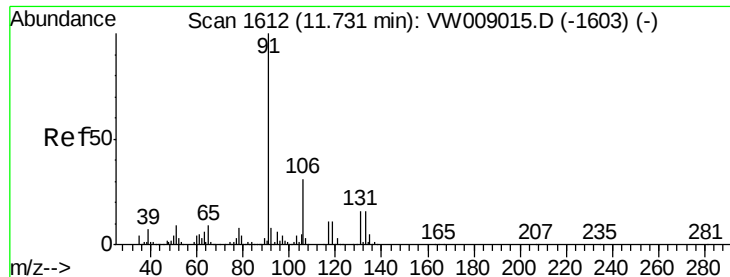
Tgt Ion:112 Resp: 178571
Ion Ratio Lower Upper
112 100
114 32.9 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 19.028 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW009020.D
Acq: 06 Mar 2019 17:29

Tgt Ion:131 Resp: 60373
Ion Ratio Lower Upper
131 100
133 95.4 48.1 144.3
119 62.0 31.1 93.5

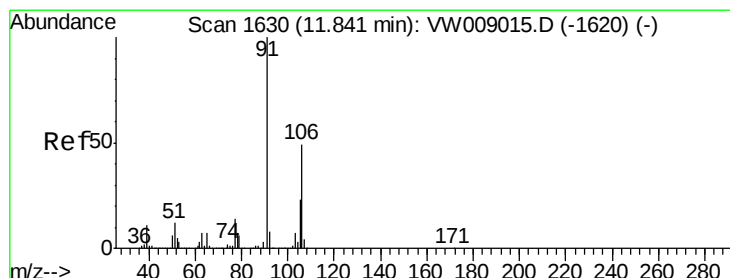
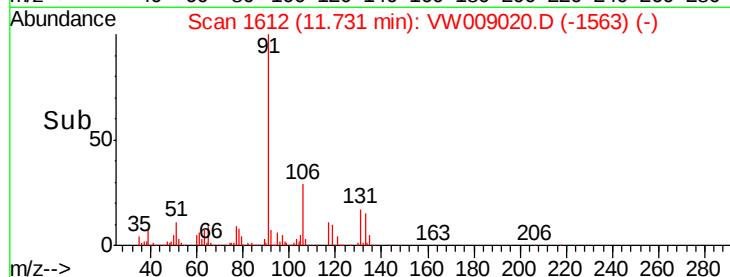
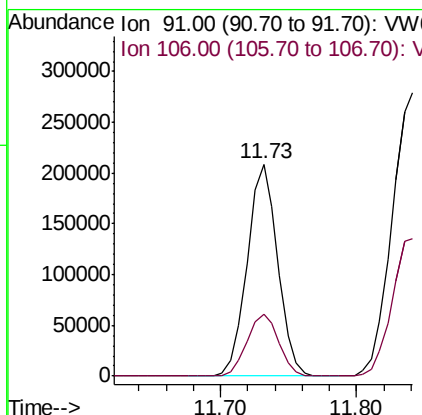
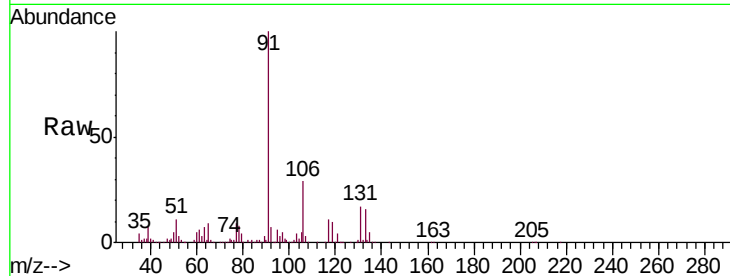




#67
Ethyl Benzene
Concen: 19.154 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW009020.D
Acq: 06 Mar 2019 17:29

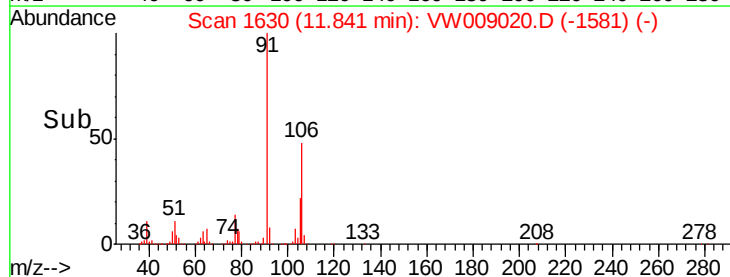
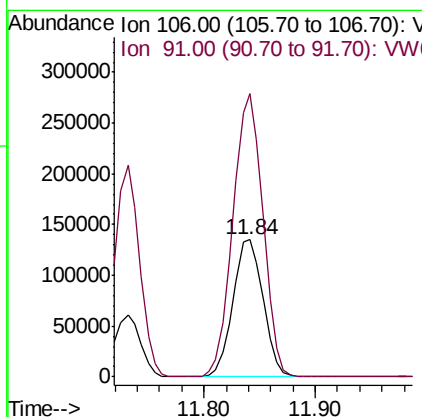
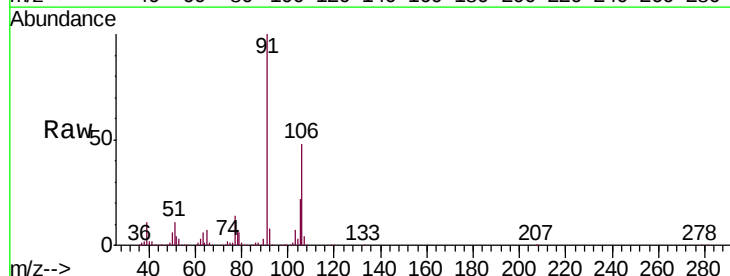
Instrument :
MSVOA_W
ClientSampleId :
VW0306SBS01

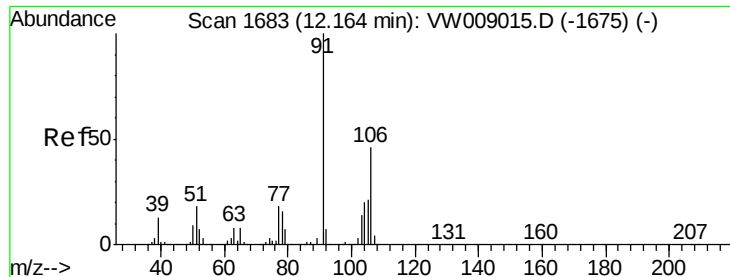
Tgt Ion: 91 Resp: 328101
Ion Ratio Lower Upper
91 100
106 29.4 25.2 37.8



#68
m/p-Xylenes
Concen: 37.387 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VW009020.D
Acq: 06 Mar 2019 17:29

Tgt Ion: 106 Resp: 252705
Ion Ratio Lower Upper
106 100
91 206.1 162.9 244.3

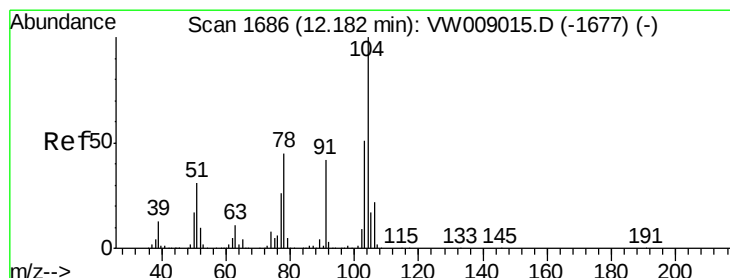
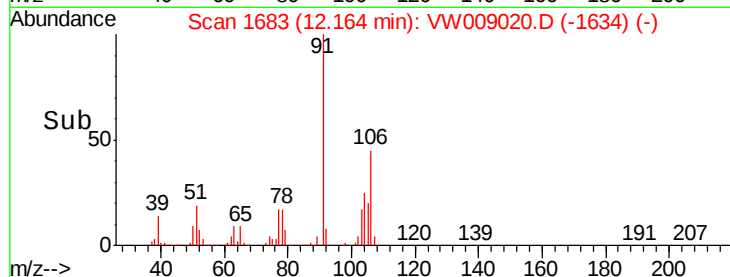
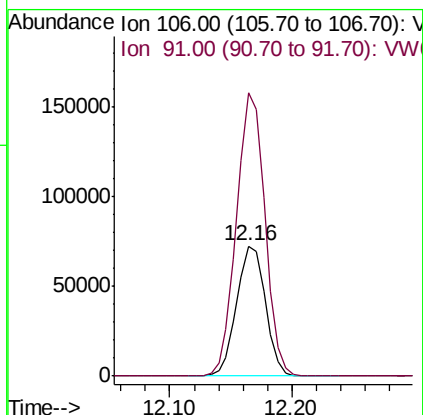
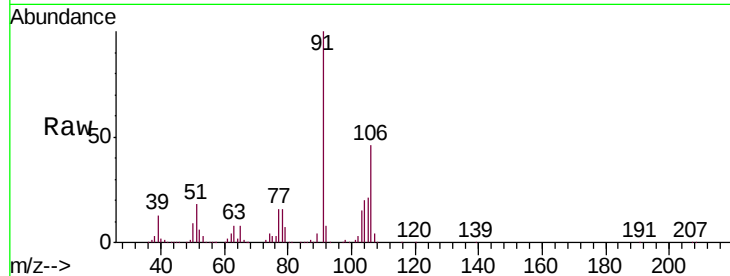




#69
o-Xylene
Concen: 18.739 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. 0.00 min
Lab File: VW009020.D
Acq: 06 Mar 2019 17:29

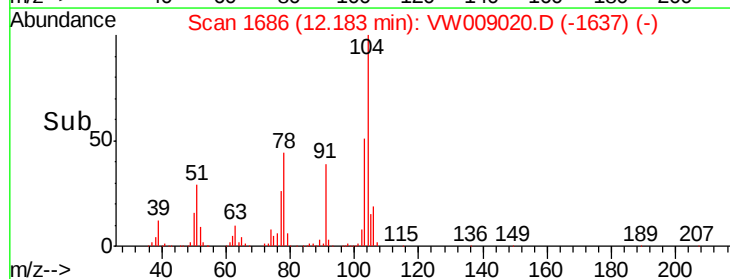
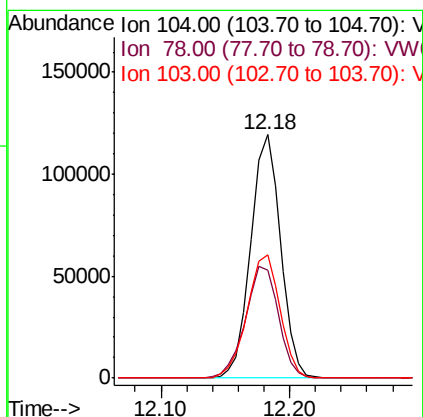
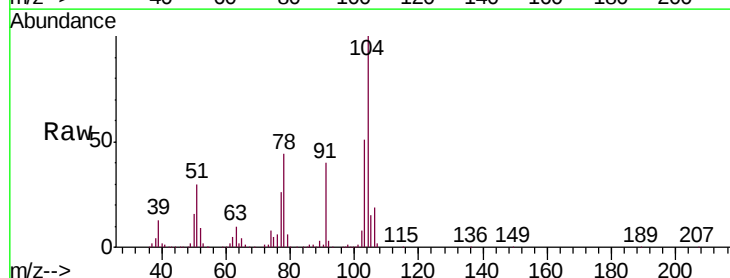
Instrument :
MSVOA_W
ClientSampleId :
VW0306SBS01

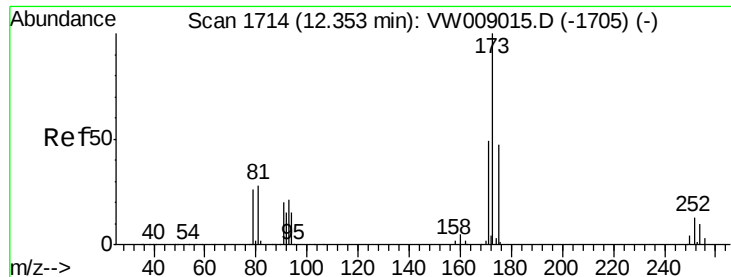
Tgt Ion:106 Resp: 118242
Ion Ratio Lower Upper
106 100
91 215.2 107.4 322.2



#70
Styrene
Concen: 18.643 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW009020.D
Acq: 06 Mar 2019 17:29

Tgt Ion:104 Resp: 190569
Ion Ratio Lower Upper
104 100
78 51.3 41.9 62.9
103 55.8 44.9 67.3





#71

Bromoform

Concen: 18.286 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. 0.00 min

Lab File: VW009020.D

Acq: 06 Mar 2019 17:29

Instrument :

MSVOA_W

ClientSampleId :

VW0306SBS01

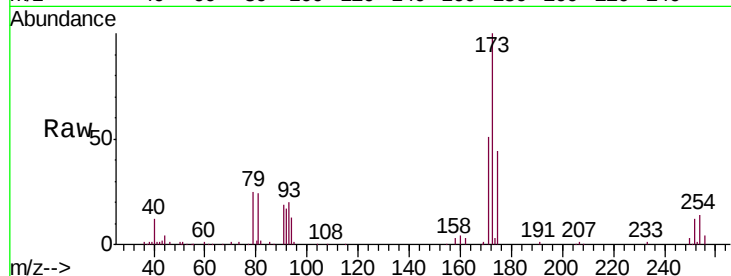
Tgt Ion:173 Resp: 30914

Ion Ratio Lower Upper

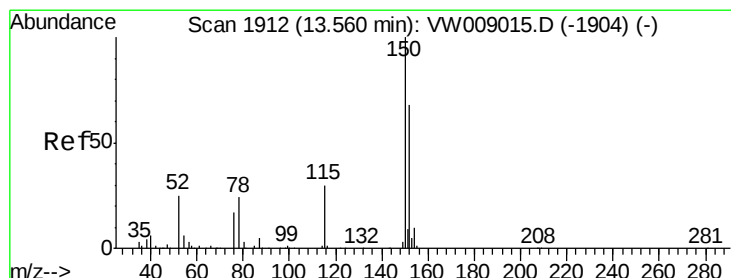
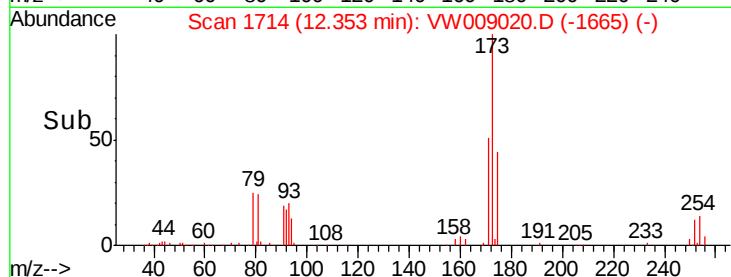
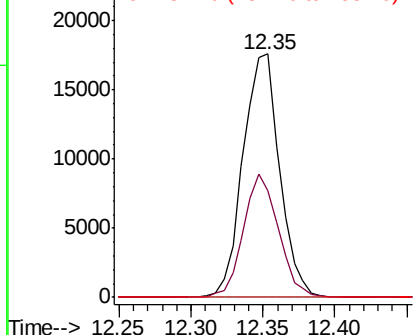
173 100

175 48.7 23.3 69.9

254 0.0 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: VW009020.D

Acq: 06 Mar 2019 17:29

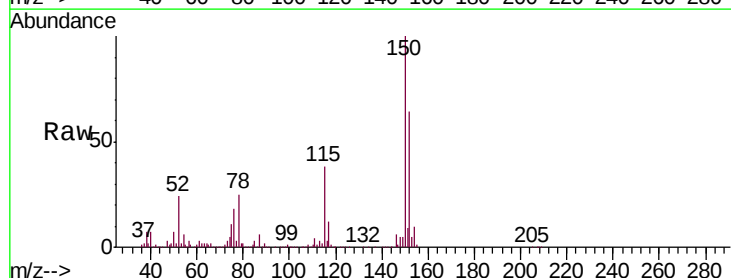
Tgt Ion:152 Resp: 245373

Ion Ratio Lower Upper

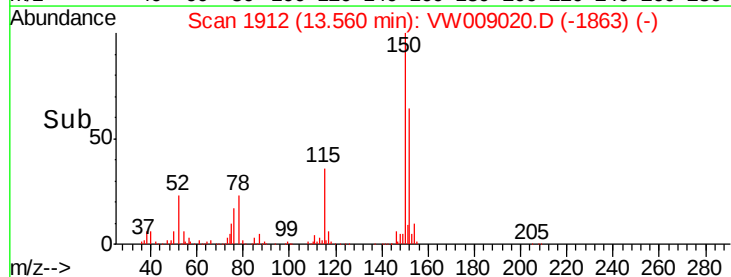
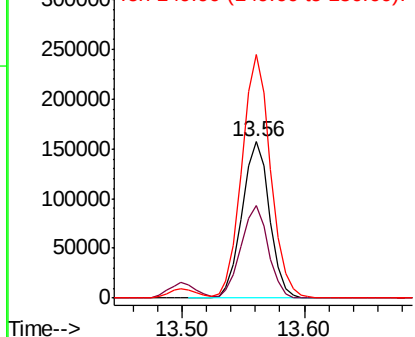
152 100

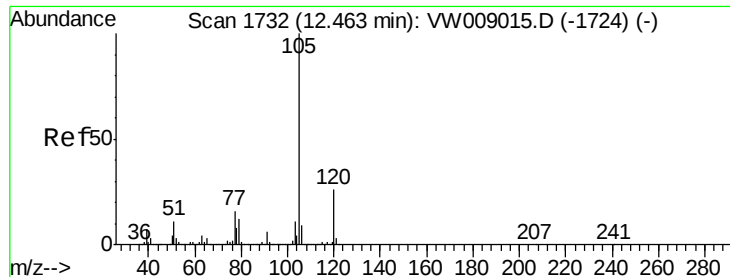
115 58.3 29.3 87.8

150 161.8 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: 19.595 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VW009020.D

Acq: 06 Mar 2019 17:29

Instrument :

MSVOA_W

ClientSampleId :

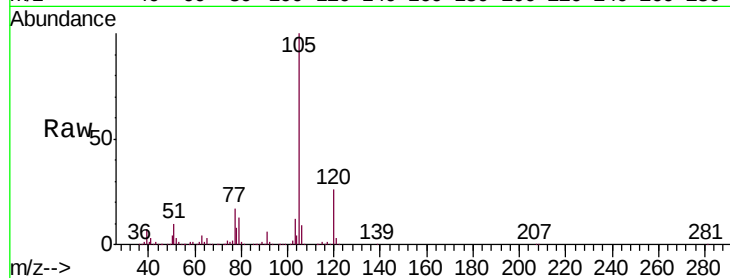
VW0306SBS01

Tgt Ion: 105 Resp: 329100

Ion Ratio Lower Upper

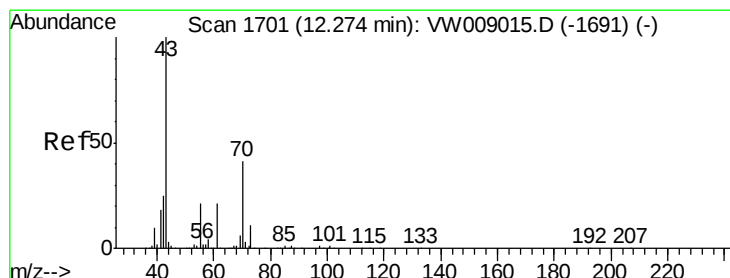
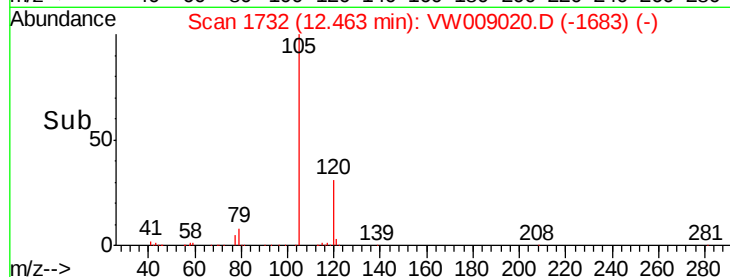
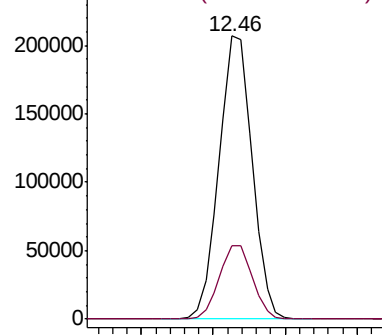
105 100

120 26.1 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: 19.569 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. 0.00 min

Lab File: VW009020.D

Acq: 06 Mar 2019 17:29

Tgt Ion: 43 Resp: 74807

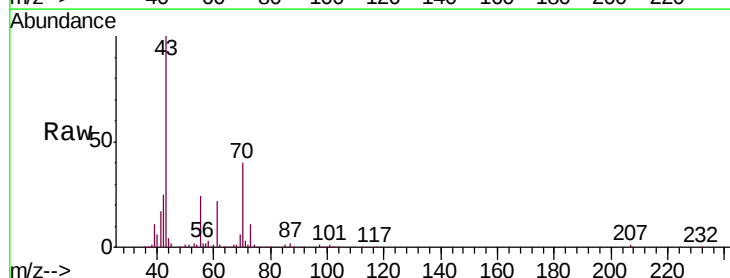
Ion Ratio Lower Upper

43 100

70 40.1 31.2 46.8

55 24.9 18.0 27.0

61 23.4 17.3 25.9

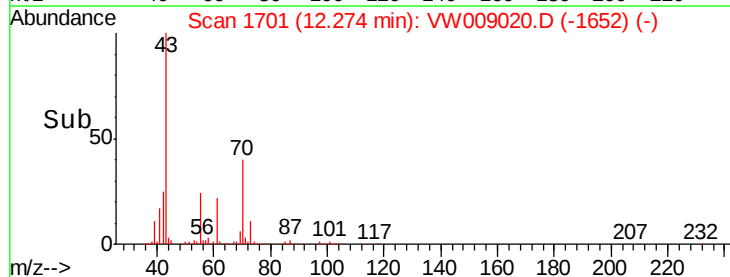
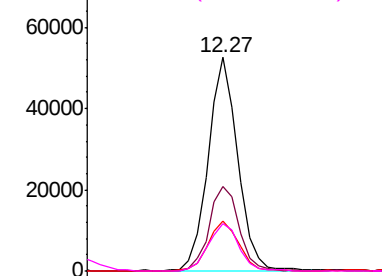


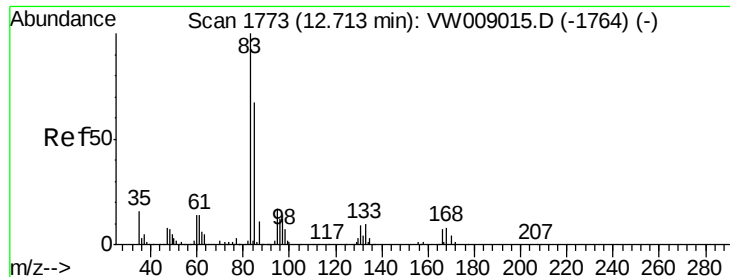
Abundance Ion 43.00 (42.70 to 43.70): VW

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: 19.403 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. 0.00 min

Lab File: VW009020.D

Acq: 06 Mar 2019 17:29

Instrument :

MSVOA_W

ClientSampleId :

VW0306SBS01

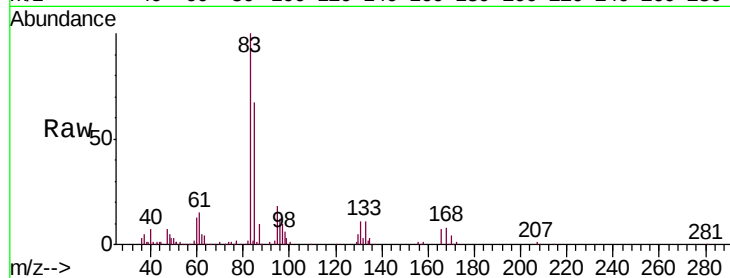
Tgt Ion: 83 Resp: 50830

Ion Ratio Lower Upper

83 100

131 10.9 5.5 16.7

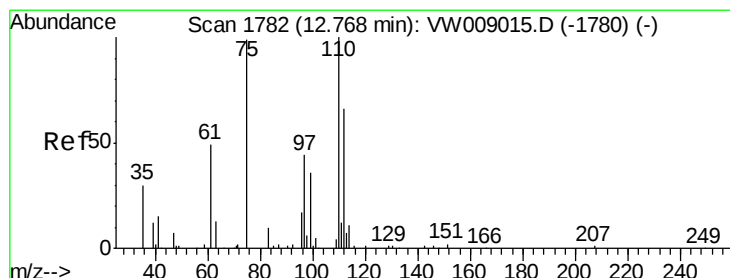
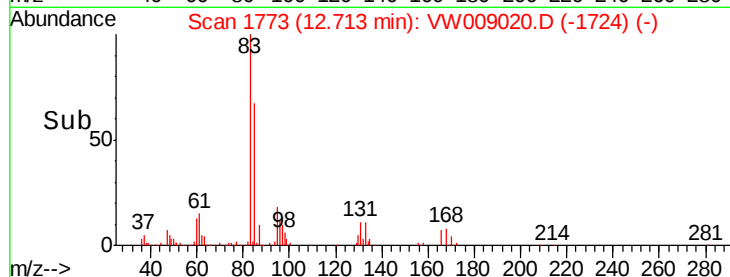
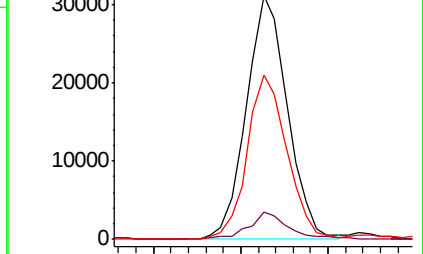
85 65.6 32.8 98.3



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: 36.083 ug/l

RT: 12.77 min Scan# 1782

Delta R.T. 0.00 min

Lab File: VW009020.D

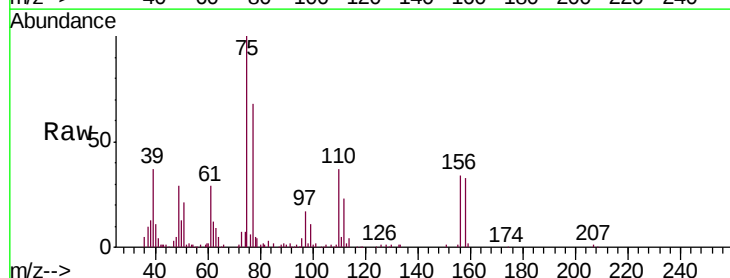
Acq: 06 Mar 2019 17:29

Tgt Ion: 75 Resp: 70171

Ion Ratio Lower Upper

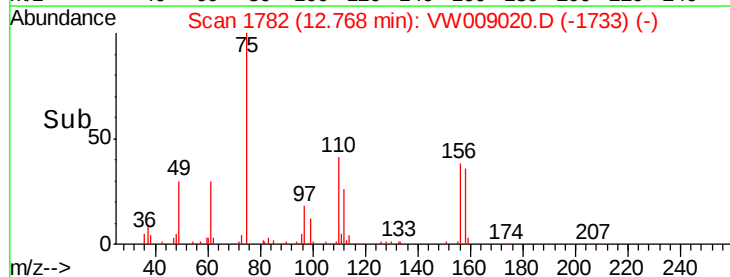
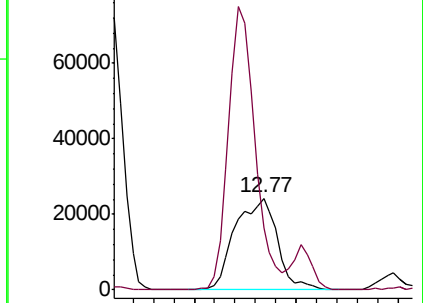
75 100

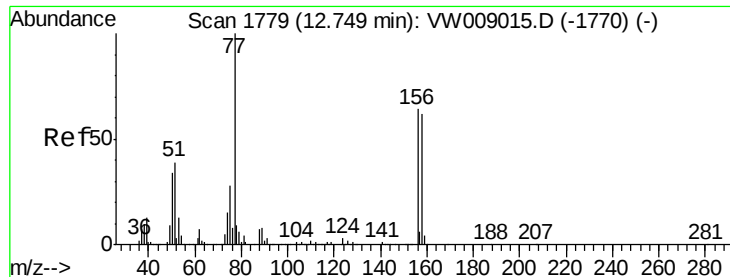
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 19.849 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VW009020.D

Acq: 06 Mar 2019 17:29

Instrument :

MSVOA_W

ClientSampleId :

VW0306SBS01

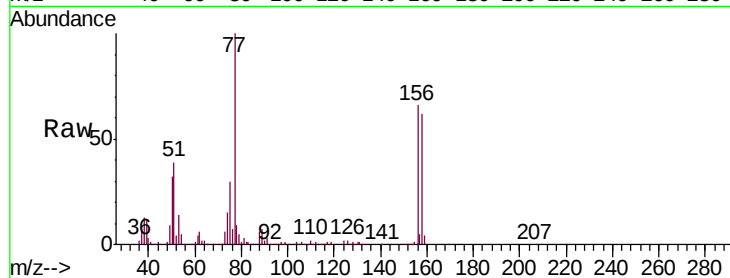
Tgt Ion: 156 Resp: 75471

Ion Ratio Lower Upper

156 100

77 181.0 91.6 274.9

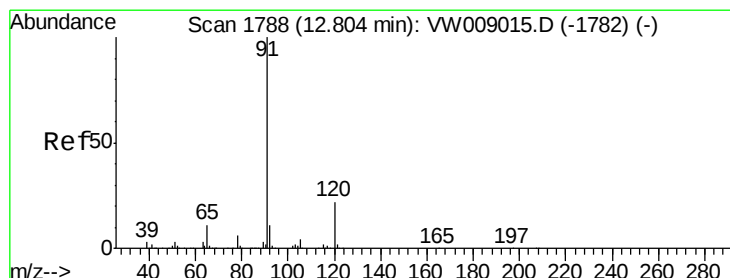
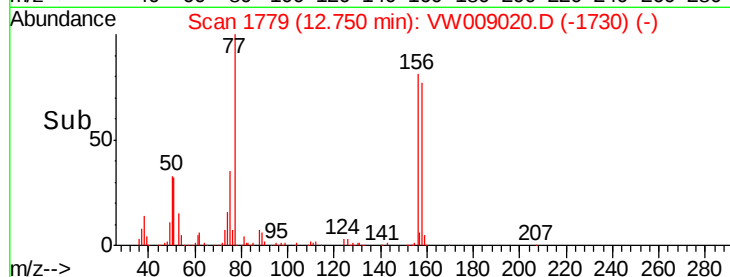
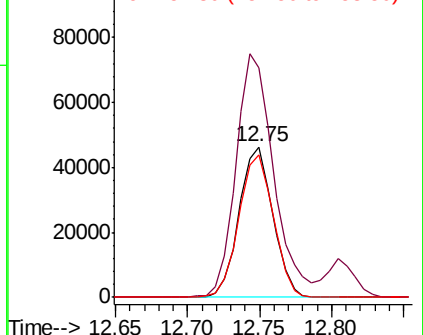
158 96.7 48.8 146.4



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: 19.623 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. 0.00 min

Lab File: VW009020.D

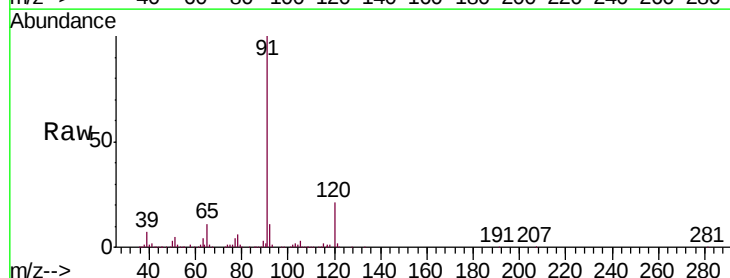
Acq: 06 Mar 2019 17:29

Tgt Ion: 91 Resp: 404607

Ion Ratio Lower Upper

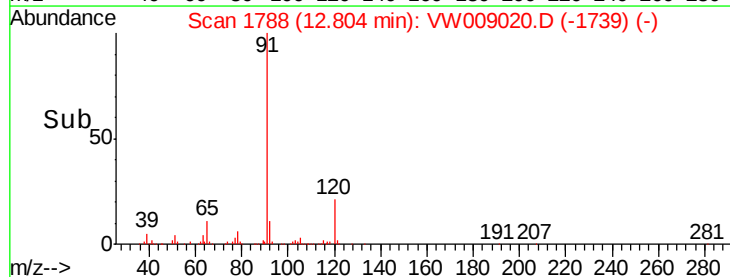
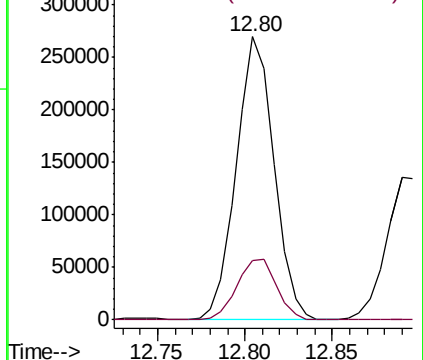
91 100

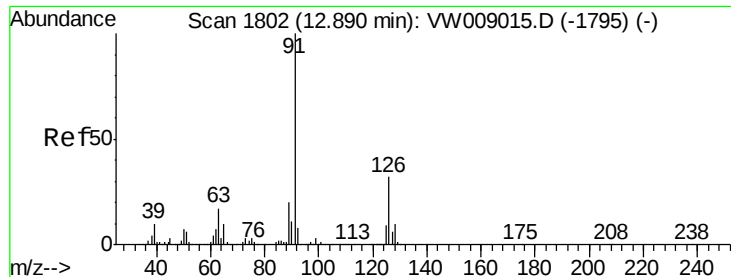
120 22.5 11.3 33.9



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.463 ug/l

RT: 12.89 min Scan# 1802

Delta R.T. 0.00 min

Lab File: VW009020.D

Acq: 06 Mar 2019 17:29

Instrument :

MSVOA_W

ClientSampleId :

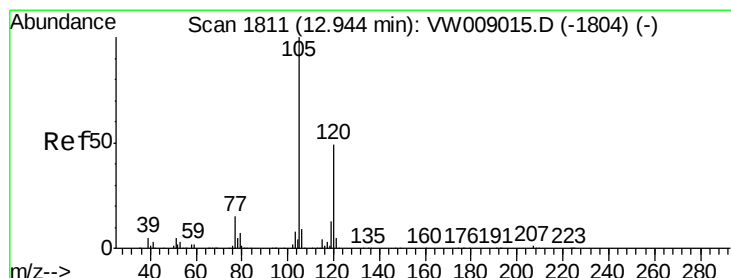
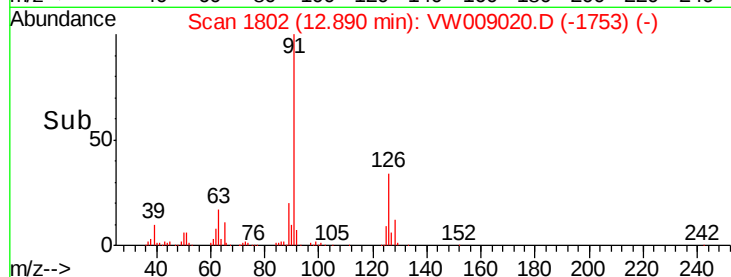
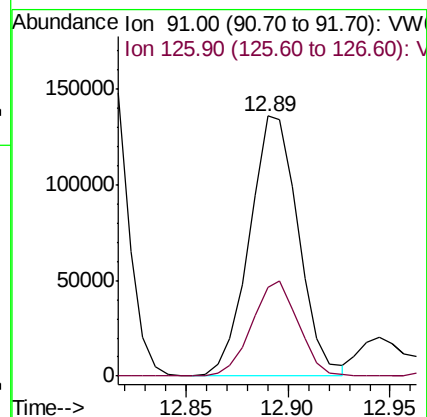
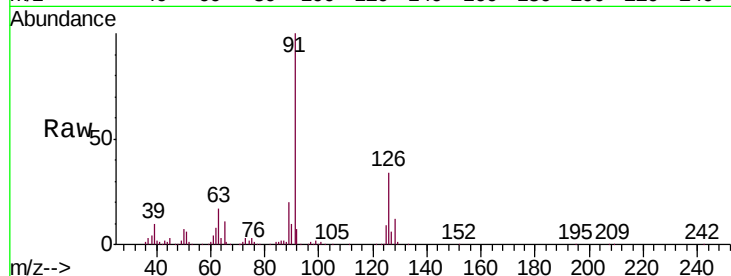
VW0306SBS01

Tgt Ion: 91 Resp: 226590

Ion Ratio Lower Upper

91 100

126 34.7 16.8 50.4



#80

1,3,5-Trimethylbenzene

Concen: 18.949 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. 0.00 min

Lab File: VW009020.D

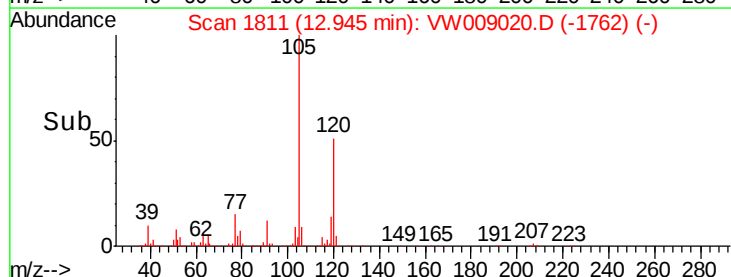
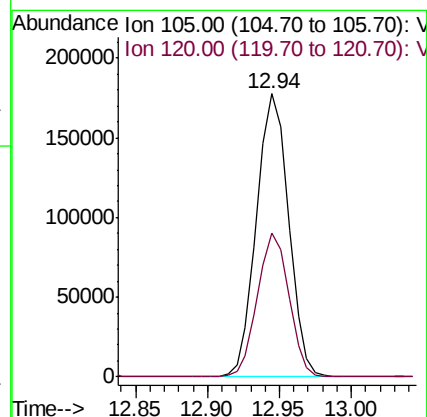
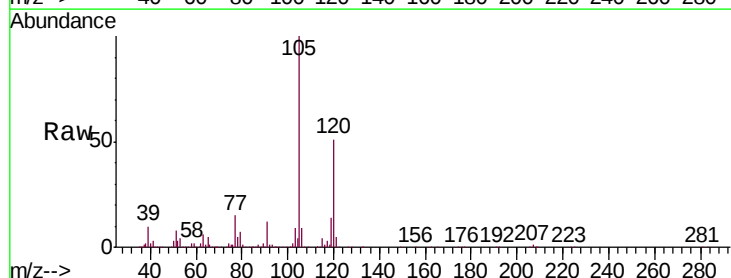
Acq: 06 Mar 2019 17:29

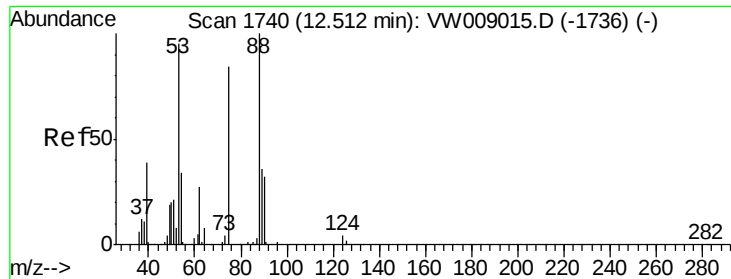
Tgt Ion: 105 Resp: 273124

Ion Ratio Lower Upper

105 100

120 49.9 24.6 73.8

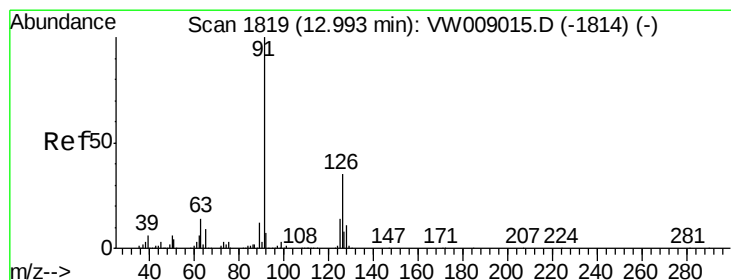
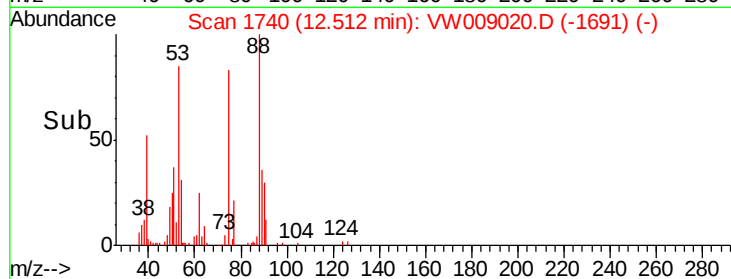
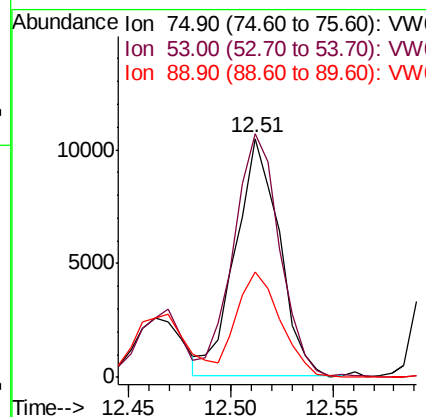
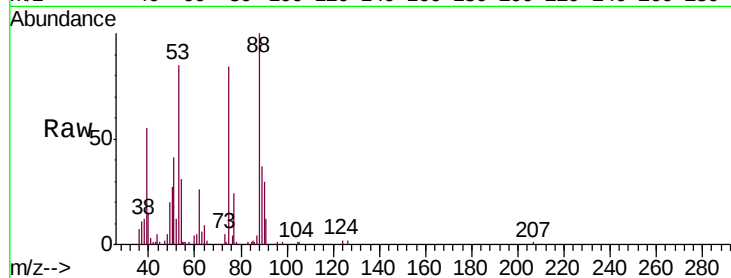




#81
trans-1,4-Dichloro-2-butene
Concen: 20.337 ug/l
RT: 12.51 min Scan# 1740
Delta R.T. 0.00 min
Lab File: VW009020.D
Acq: 06 Mar 2019 17:29

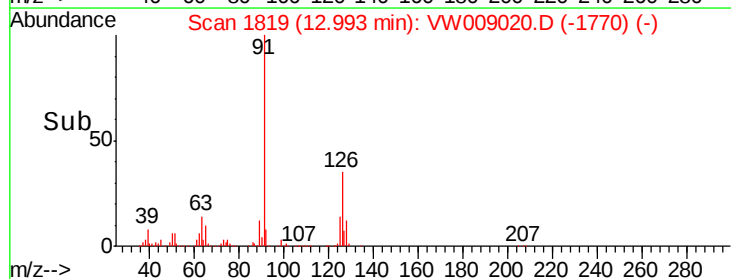
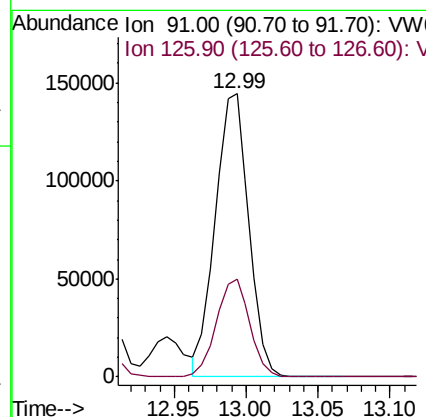
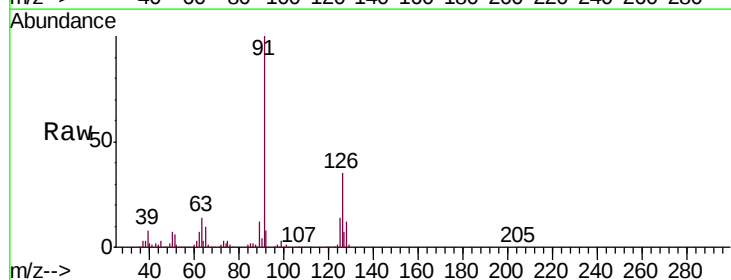
Instrument :
MSVOA_W
ClientSampleId :
VW0306SBS01

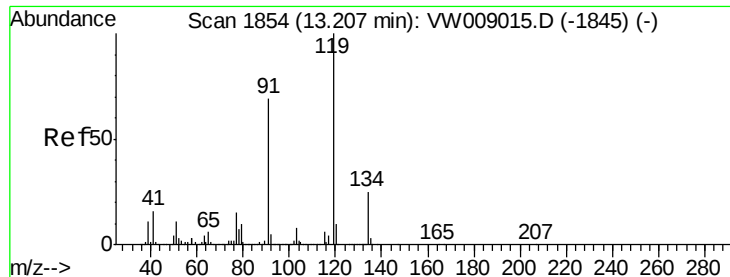
Tgt Ion: 75 Resp: 15470
Ion Ratio Lower Upper
75 100
53 110.3 88.5 132.7
89 44.3 36.3 54.5



#82
4-Chlorotoluene
Concen: 18.936 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. 0.00 min
Lab File: VW009020.D
Acq: 06 Mar 2019 17:29

Tgt Ion: 91 Resp: 234506
Ion Ratio Lower Upper
91 100
126 34.3 16.9 50.6





#83

tert-Butylbenzene

Concen: 19.400 ug/l

RT: 13.21 min Scan# 1854

Delta R.T. 0.00 min

Lab File: VW009020.D

Acq: 06 Mar 2019 17:29

Instrument :

MSVOA_W

ClientSampleId :

VW0306SBS01

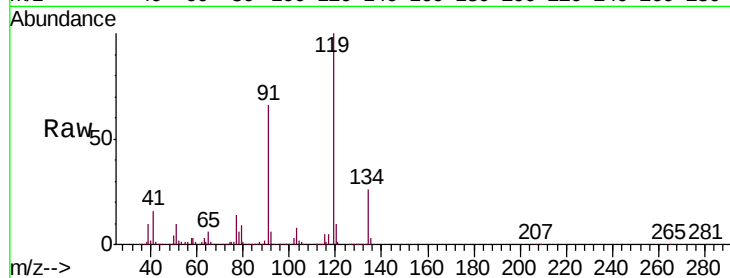
Tgt Ion:119 Resp: 240940

Ion Ratio Lower Upper

119 100

91 67.5 34.3 102.9

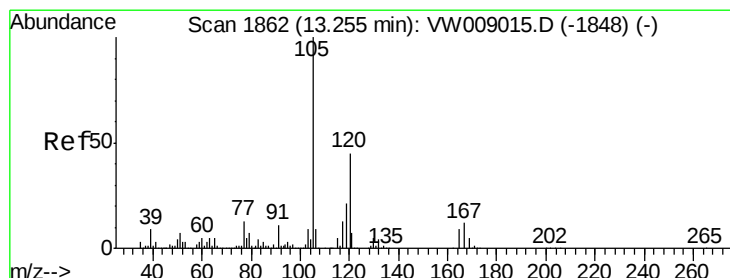
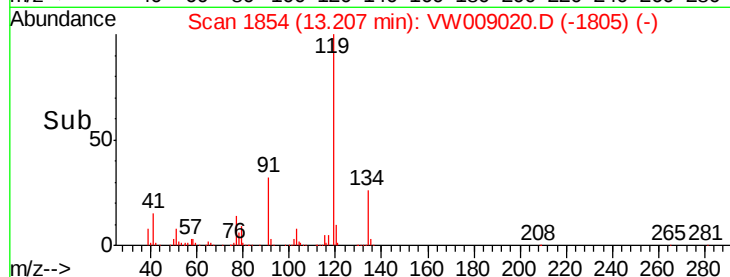
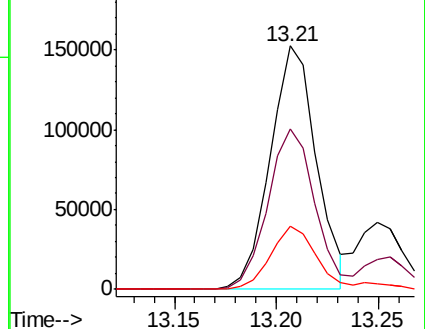
134 27.5 13.6 40.8



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VW

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 18.812 ug/l

RT: 13.26 min Scan# 1862

Delta R.T. 0.00 min

Lab File: VW009020.D

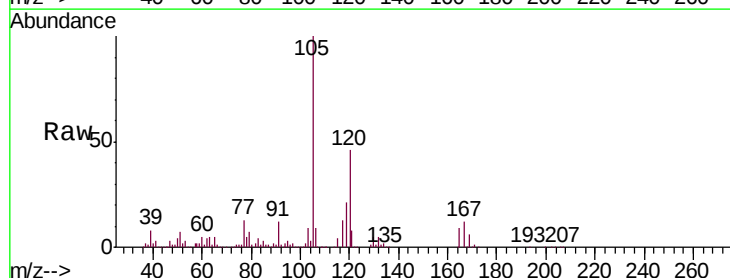
Acq: 06 Mar 2019 17:29

Tgt Ion:105 Resp: 277587

Ion Ratio Lower Upper

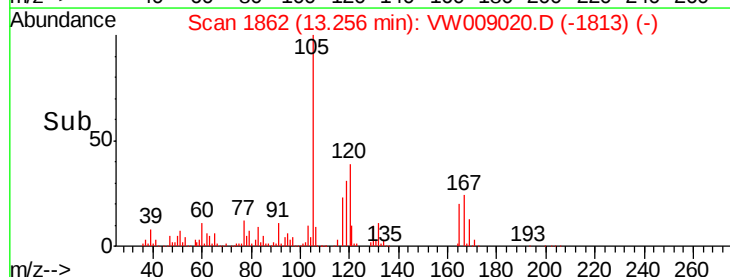
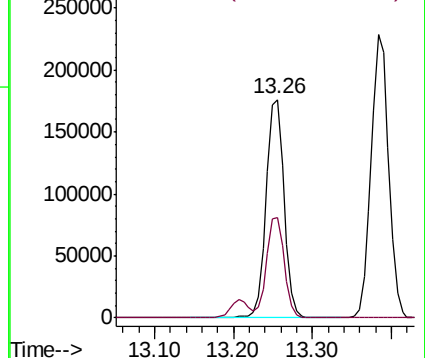
105 100

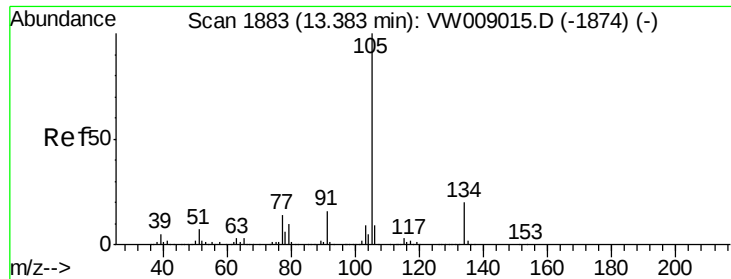
120 45.6 22.6 67.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

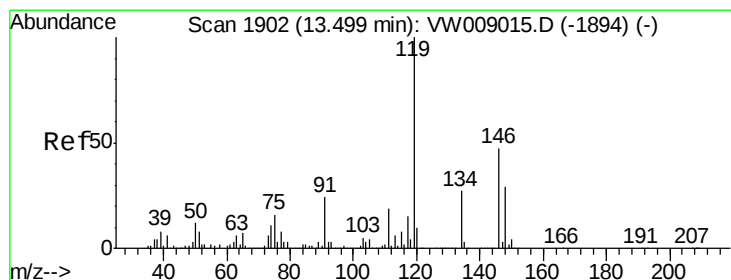
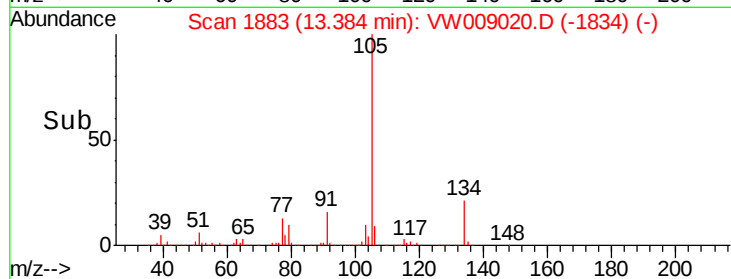
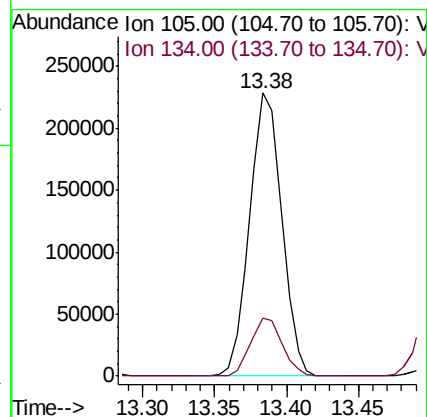
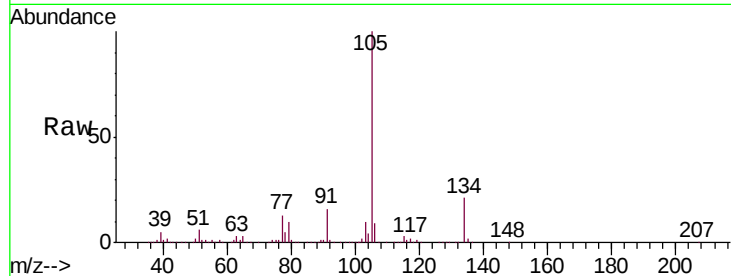




#85
 sec-Butylbenzene
 Concen: 19.508 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. 0.00 min
 Lab File: VW009020.D
 Acq: 06 Mar 2019 17:29

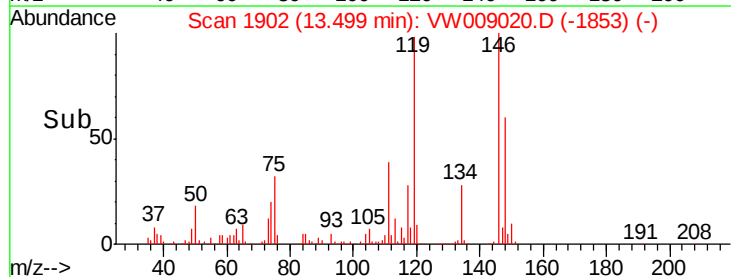
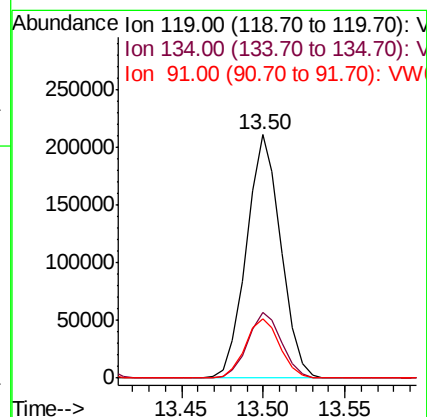
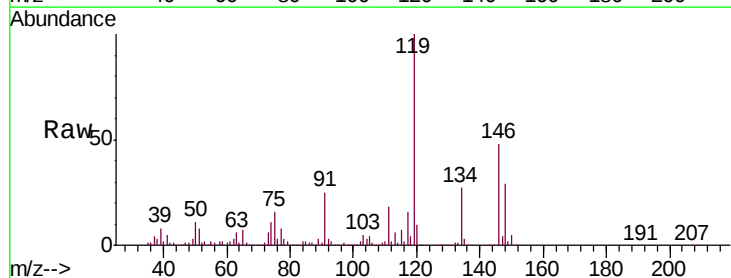
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0306SBS01

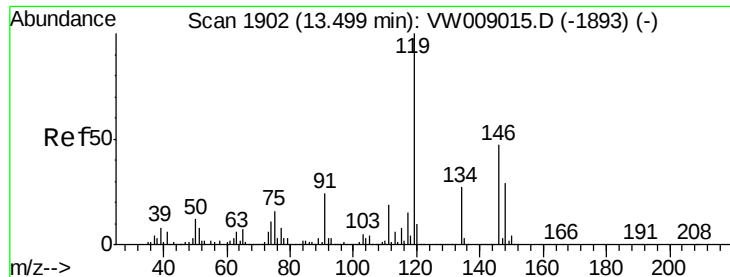
Tgt Ion:105 Resp: 353425
 Ion Ratio Lower Upper
 105 100
 134 20.2 10.2 30.6



#86
 p-Isopropyltoluene
 Concen: 18.903 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: VW009020.D
 Acq: 06 Mar 2019 17:29

Tgt Ion:119 Resp: 308258
 Ion Ratio Lower Upper
 119 100
 134 26.9 13.0 38.9
 91 24.6 12.1 36.3

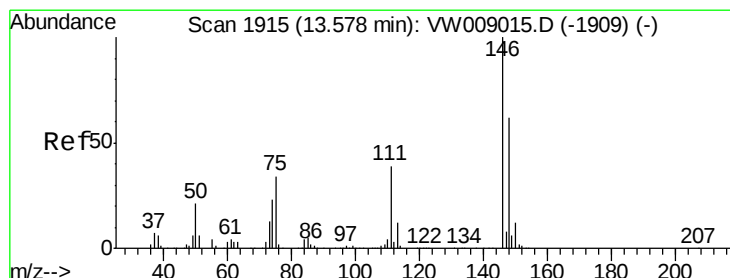
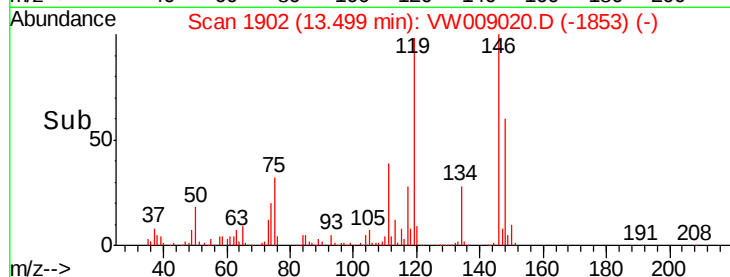
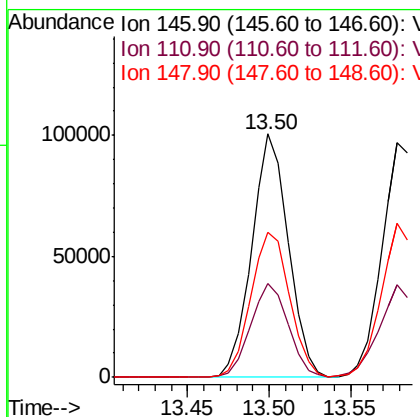
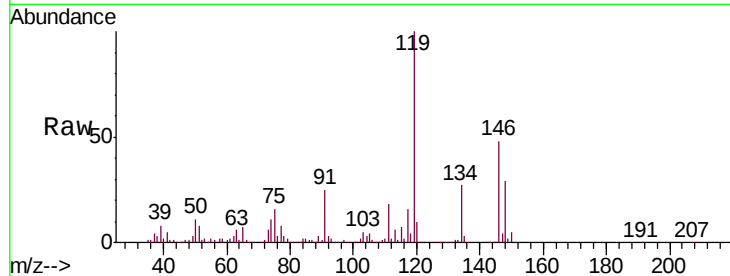




#87
 1,3-Dichlorobenzene
 Concen: 19.247 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: VW009020.D
 Acq: 06 Mar 2019 17:29

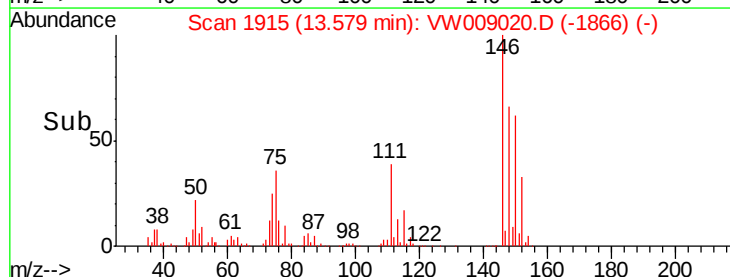
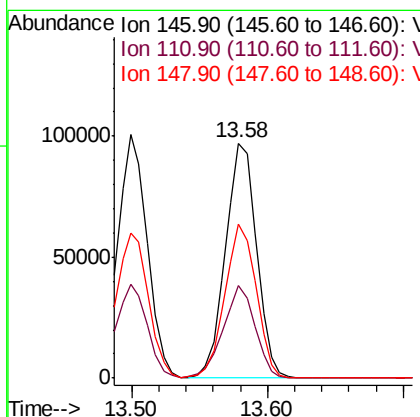
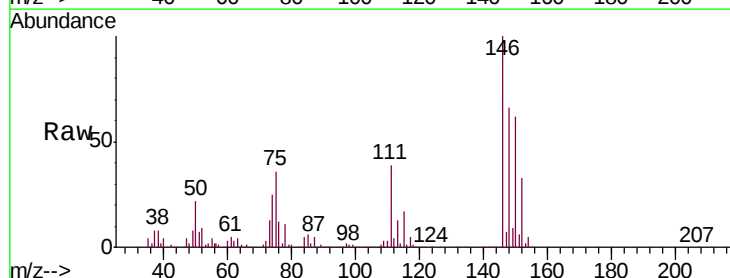
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0306SBS01

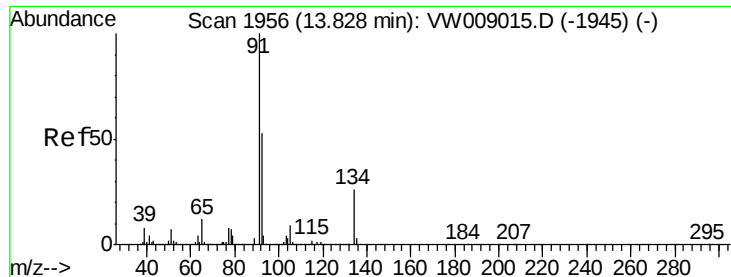
Tgt Ion:146 Resp: 156662
 Ion Ratio Lower Upper
 146 100
 111 39.7 19.6 58.7
 148 63.2 31.7 95.1



#88
 1,4-Dichlorobenzene
 Concen: 19.138 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. 0.00 min
 Lab File: VW009020.D
 Acq: 06 Mar 2019 17:29

Tgt Ion:146 Resp: 154504
 Ion Ratio Lower Upper
 146 100
 111 40.5 19.9 59.7
 148 66.2 31.7 95.1





#89

n-Butylbenzene

Concen: 18.936 ug/l

RT: 13.83 min Scan# 1956

Delta R.T. 0.00 min

Lab File: VW009020.D

Acq: 06 Mar 2019 17:29

Instrument :

MSVOA_W

ClientSampleId :

VW0306SBS01

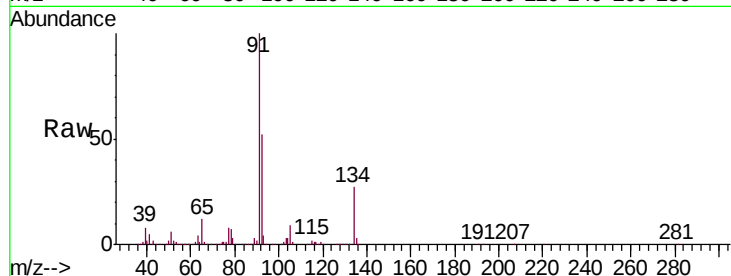
Tgt Ion: 91 Resp: 292346

Ion Ratio Lower Upper

91 100

92 52.6 26.7 80.0

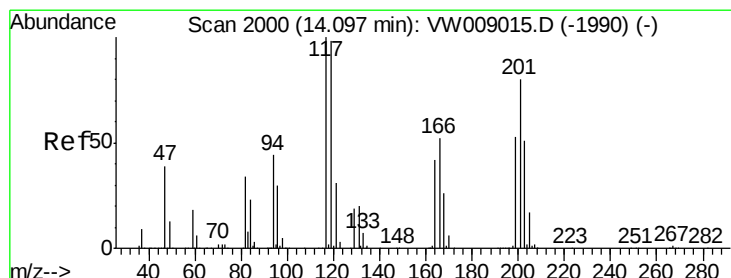
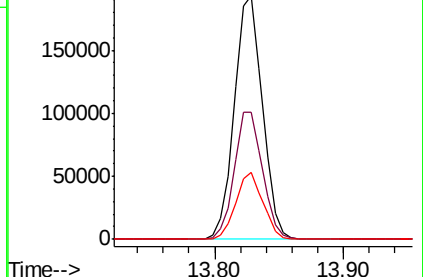
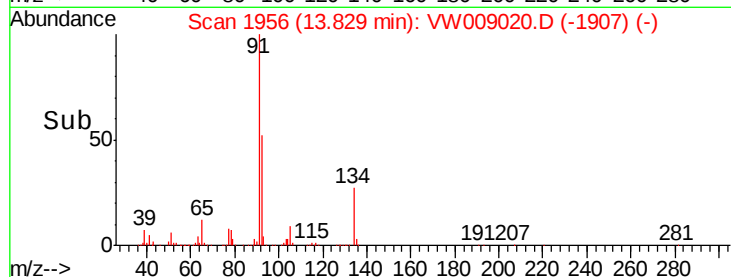
134 26.5 13.0 39.0



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 92.00 (91.70 to 92.70): VW

Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: 19.292 ug/l

RT: 14.10 min Scan# 2000

Delta R.T. 0.00 min

Lab File: VW009020.D

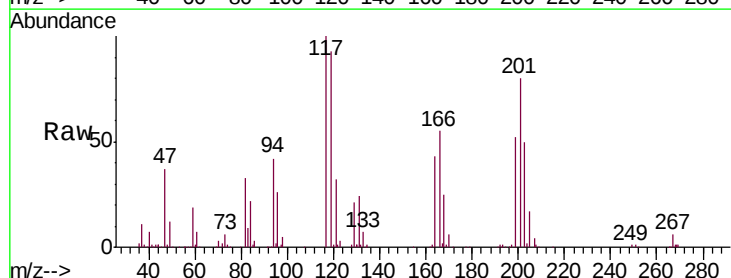
Acq: 06 Mar 2019 17:29

Tgt Ion: 117 Resp: 53895

Ion Ratio Lower Upper

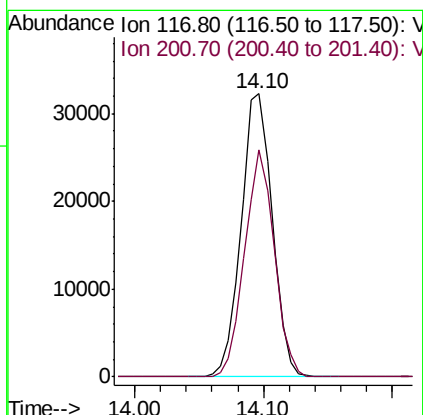
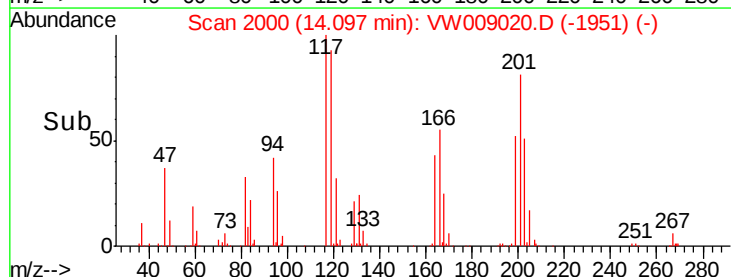
117 100

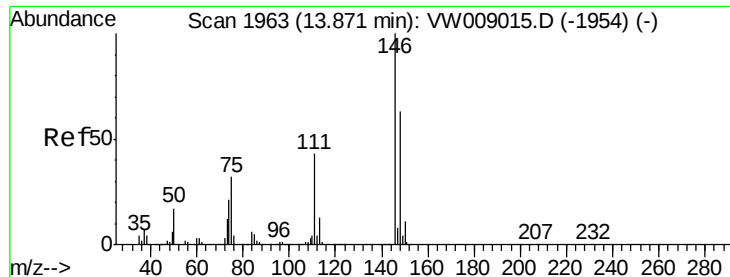
201 76.2 38.9 116.6



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

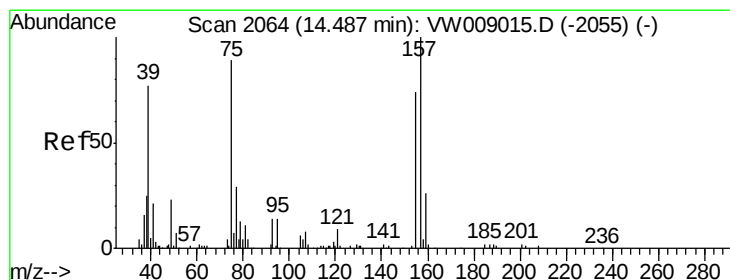
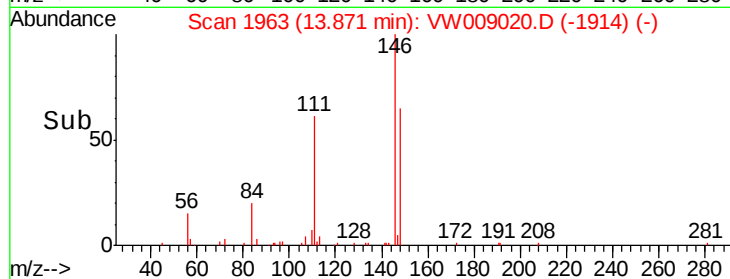
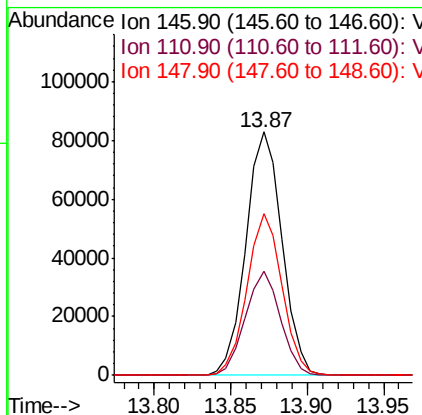
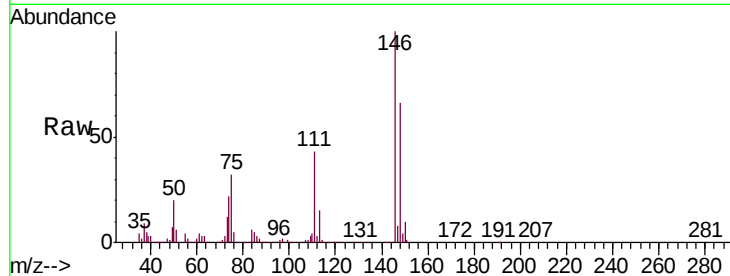




#91
 1,2-Dichlorobenzene
 Concen: 19.100 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. 0.00 min
 Lab File: VW009020.D
 Acq: 06 Mar 2019 17:29

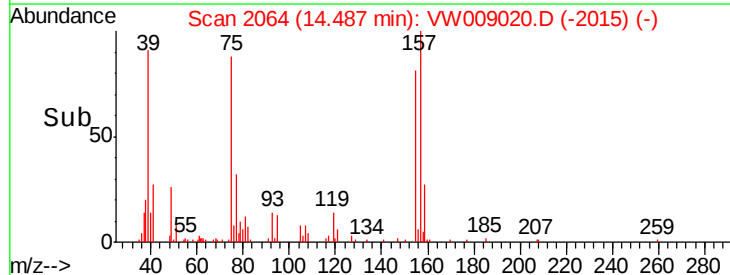
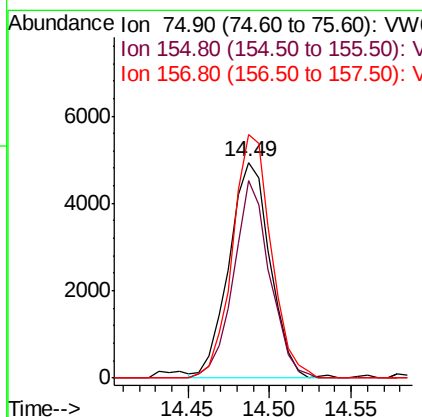
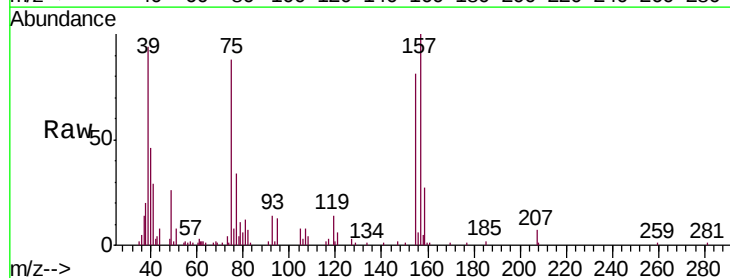
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0306SBS01

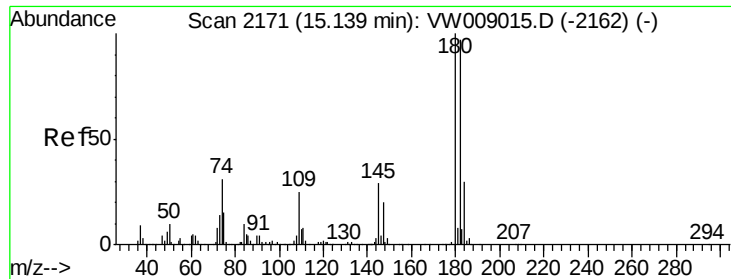
Tgt Ion: 146 Resp: 136026
 Ion Ratio Lower Upper
 146 100
 111 41.6 20.8 62.4
 148 64.4 31.8 95.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.095 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. 0.00 min
 Lab File: VW009020.D
 Acq: 06 Mar 2019 17:29

Tgt Ion: 75 Resp: 8664
 Ion Ratio Lower Upper
 75 100
 155 80.8 41.4 124.4
 157 106.1 53.1 159.4

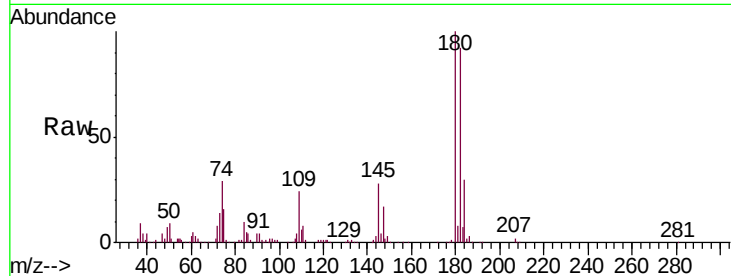




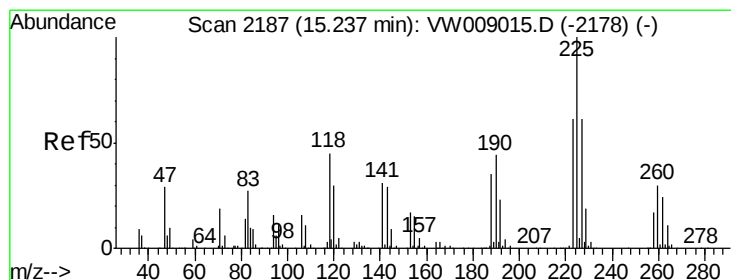
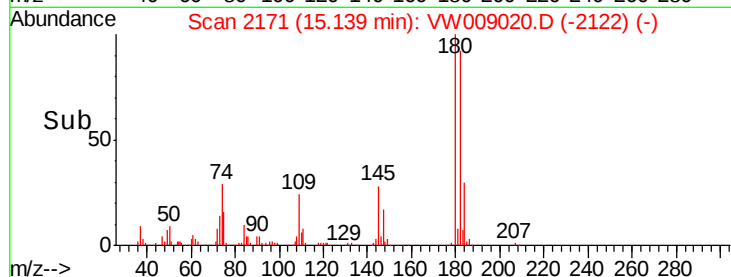
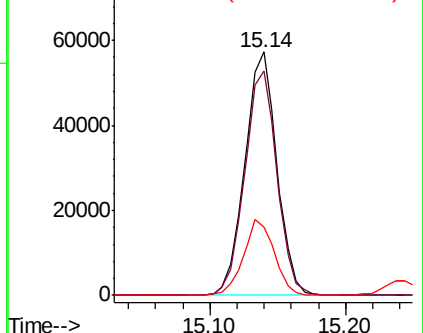
#93
 1,2,4-Trichlorobenzene
 Concen: 19.330 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. 0.00 min
 Lab File: VW009020.D
 Acq: 06 Mar 2019 17:29

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0306SBS01

Tgt Ion:180 Resp: 94264
 Ion Ratio Lower Upper
 180 100
 182 93.0 47.6 142.9
 145 30.0 14.7 44.1

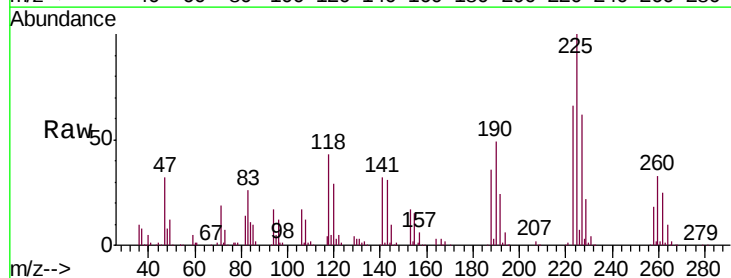


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

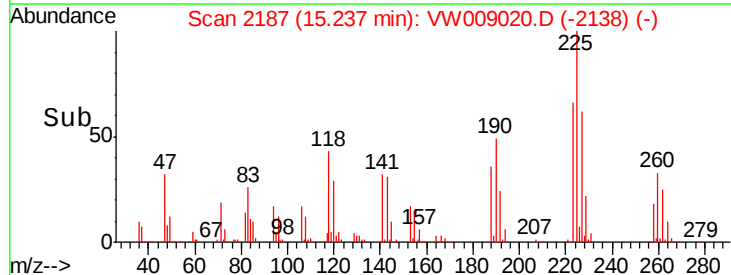
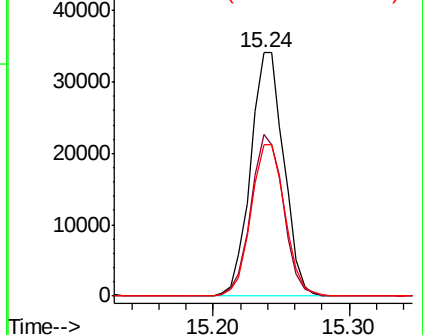


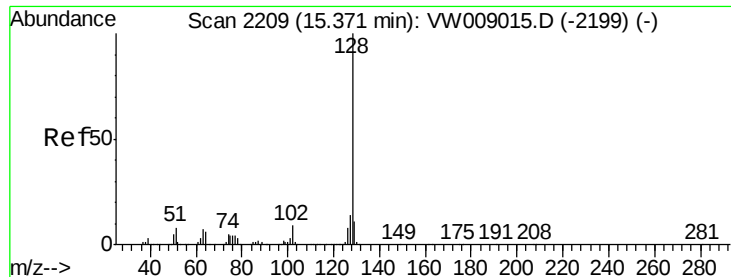
#94
 Hexachlorobutadiene
 Concen: 18.883 ug/l
 RT: 15.24 min Scan# 2187
 Delta R.T. 0.00 min
 Lab File: VW009020.D
 Acq: 06 Mar 2019 17:29

Tgt Ion:225 Resp: 58530
 Ion Ratio Lower Upper
 225 100
 223 65.0 30.6 91.8
 227 63.8 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

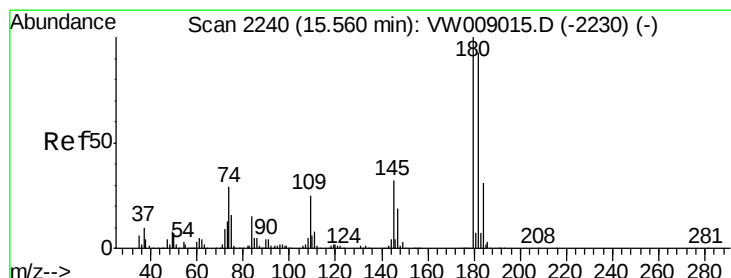
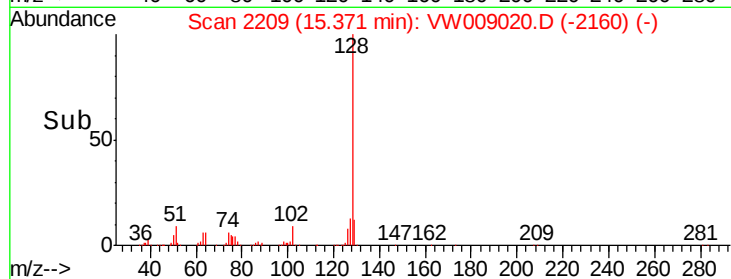
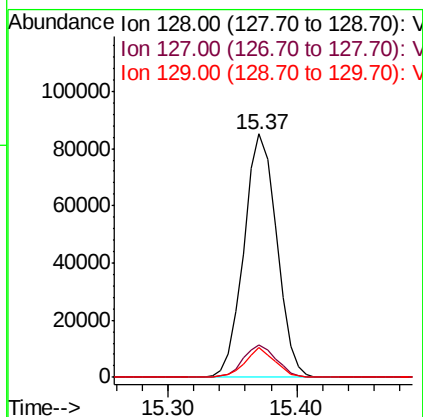
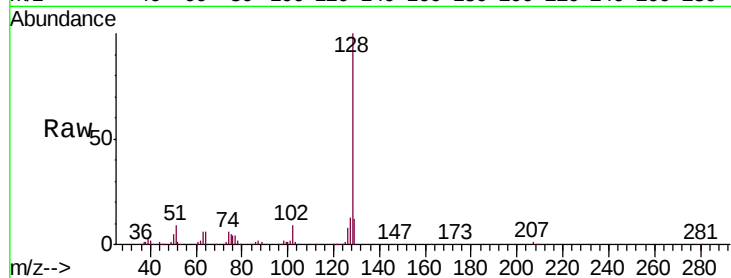




#95
Naphthalene
Concen: 18.926 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. 0.00 min
Lab File: VW009020.D
Acq: 06 Mar 2019 17:29

Instrument :
MSVOA_W
ClientSampleId :
VW0306SBS01

Tgt Ion:128 Resp: 149646
Ion Ratio Lower Upper
128 100
127 13.4 11.0 16.4
129 11.0 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 19.205 ug/l
RT: 15.56 min Scan# 2240
Delta R.T. 0.00 min
Lab File: VW009020.D
Acq: 06 Mar 2019 17:29

Tgt Ion:180 Resp: 81086
Ion Ratio Lower Upper
180 100
182 95.4 47.3 141.8
145 31.5 15.4 46.2

