

Data File : VW009021.D
Acq On : 06 Mar 2019 17:55
Operator : SY/VA
Sample : VW0306SBSD01
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW0306SBSD01

Quant Time: Mar 07 07:27:01 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	278518	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	395954	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	383564	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	220154	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	158432	56.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.40%	
35) Dibromofluoromethane	7.88	113	134866	56.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.16%	
50) Toluene-d8	10.32	98	564374	57.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	115.24%	
62) 4-Bromofluorobenzene	12.62	95	211581	55.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.86%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.00	85	68378	24.714	ug/l	100
3) Chloromethane	2.21	50	78433	22.506	ug/l	93
4) Vinyl Chloride	2.36	62	77509	22.194	ug/l	99
5) Bromomethane	2.75	94	61333	19.999	ug/l	97
6) Chloroethane	2.90	64	54481	22.002	ug/l	97
7) Trichlorofluoromethane	3.25	101	99171	22.045	ug/l	95
8) Diethyl Ether	3.68	74	30744	21.893	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	4.06	101	60936	21.829	ug/l	99
10) Methyl Iodide	4.27	142	62525	22.985	ug/l	98
11) Tert butyl alcohol	5.16	59	26483	132.214	ug/l	98
12) 1,1-Dichloroethene	4.03	96	54427	22.375	ug/l	91
13) Acrolein	3.90	56	28147	122.846	ug/l	98
14) Allyl chloride	4.67	41	93622	22.262	ug/l	99
15) Acrylonitrile	5.37	53	70555	117.359	ug/l	97
16) Acetone	4.13	43	67454	117.534	ug/l	97
17) Carbon Disulfide	4.37	76	179154	21.977	ug/l	100
18) Methyl Acetate	4.68	43	29822	22.794	ug/l	100
19) Methyl tert-butyl Ether	5.43	73	147565	23.434	ug/l	99
20) Methylene Chloride	4.92	84	68801	22.356	ug/l	96
21) trans-1,2-Dichloroethene	5.42	96	60929	21.898	ug/l	95
22) Diisopropyl ether	6.31	45	190298	22.661	ug/l	98
23) Vinyl Acetate	6.26	43	609301	116.497	ug/l	98
24) 1,1-Dichloroethane	6.21	63	109772	22.481	ug/l	98
25) 2-Butanone	7.17	43	96190	117.818	ug/l	96
26) 2,2-Dichloropropane	7.17	77	98771	22.114	ug/l	98
27) cis-1,2-Dichloroethene	7.17	96	64864	22.145	ug/l	99
28) Bromochloromethane	7.51	49	46445	21.913	ug/l	99
29) Tetrahydrofuran	7.53	42	62538	121.928	ug/l	97
30) Chloroform	7.68	83	112210	22.445	ug/l	100
31) Cyclohexane	7.95	56	110814	22.069	ug/l	97
32) 1,1,1-Trichloroethane	7.87	97	103768	22.598	ug/l	96
36) 1,1-Dichloropropene	8.08	75	90820	23.068	ug/l	99
37) Ethyl Acetate	7.26	43	41261	23.694	ug/l	98
38) Carbon Tetrachloride	8.07	117	89935	22.074	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	106197	22.328	ug/l	98
40) Benzene	8.32	78	238781	22.485	ug/l	99
41) Methacrylonitrile	7.48	41	23271	22.529	ug/l	94
42) 1,2-Dichloroethane	8.40	62	76816	22.538	ug/l	99
43) Isopropyl Acetate	8.43	43	81022	23.668	ug/l	99
44) Trichloroethene	9.09	130	67096	22.660	ug/l	94
45) 1,2-Dichloropropane	9.37	63	60184	22.861	ug/l	98
46) Dibromomethane	9.46	93	32357	22.279	ug/l	96
47) Bromodichloromethane	9.64	83	81479	22.379	ug/l	98
48) Methyl methacrylate	9.43	41	36364	22.480	ug/l	94
49) 1,4-Dioxane	9.45	88	9765	491.829	ug/l #	99
51) 4-Methyl-2-Pentanone	10.21	43	208948	120.700	ug/l	99
52) Toluene	10.39	92	158873	22.161	ug/l	100
53) t-1,3-Dichloropropene	10.60	75	83372	23.084	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	95085	23.062	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	45670	23.152	ug/l	99
56) Ethyl methacrylate	10.65	69	58091	23.807	ug/l	97
57) 1,3-Dichloropropane	10.93	76	81009	23.353	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.92	63	149407	115.393	ug/l	99
59) 2-Hexanone	10.97	43	151019	124.092	ug/l	97
60) Dibromochloromethane	11.13	129	54784	22.865	ug/l	99
61) 1,2-Dibromoethane	11.23	107	43766	23.408	ug/l	100
64) Tetrachloroethene	10.86	164	59221	22.361	ug/l	98
65) Chlorobenzene	11.66	112	177633	22.312	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	60838	22.754	ug/l	97
67) Ethyl Benzene	11.73	91	320758	22.221	ug/l	99
68) m/p-Xylenes	11.84	106	255866	44.922	ug/l	99
69) o-Xylene	12.16	106	120206	22.607	ug/l	99
70) Styrene	12.18	104	194117	22.536	ug/l	99
71) Bromoform	12.35	173	31607	22.187	ug/l #	95
73) Isopropylbenzene	12.46	105	326950	21.697	ug/l	99
74) N-amyl acetate	12.27	43	84677	23.585	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.71	83	51761	22.022	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	74526	42.712	ug/l #	100
77) Bromobenzene	12.75	156	76422	22.402	ug/l	98
78) n-propylbenzene	12.80	91	405890	21.940	ug/l	99
79) 2-Chlorotoluene	12.90	91	231216	22.135	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	291085	22.508	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	16096	22.826	ug/l	95
82) 4-Chlorotoluene	12.99	91	239398	21.546	ug/l	98
83) tert-Butylbenzene	13.21	119	240834	21.613	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	295607	22.328	ug/l	100
85) sec-Butylbenzene	13.38	105	359786	22.133	ug/l	99
86) p-Isopropyltoluene	13.50	119	320182	21.883	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	159771	21.877	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	157317	21.719	ug/l	98
89) n-Butylbenzene	13.83	91	306325	22.114	ug/l	99
90) Hexachloroethane	14.10	117	51972	20.734	ug/l	100
91) 1,2-Dichlorobenzene	13.87	146	142522	22.305	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	9840	22.905	ug/l	99

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

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Quant Title : SW846 8260
QLast Update : Thu Mar 07 07:22:06 2019
Response via : Initial Calibration

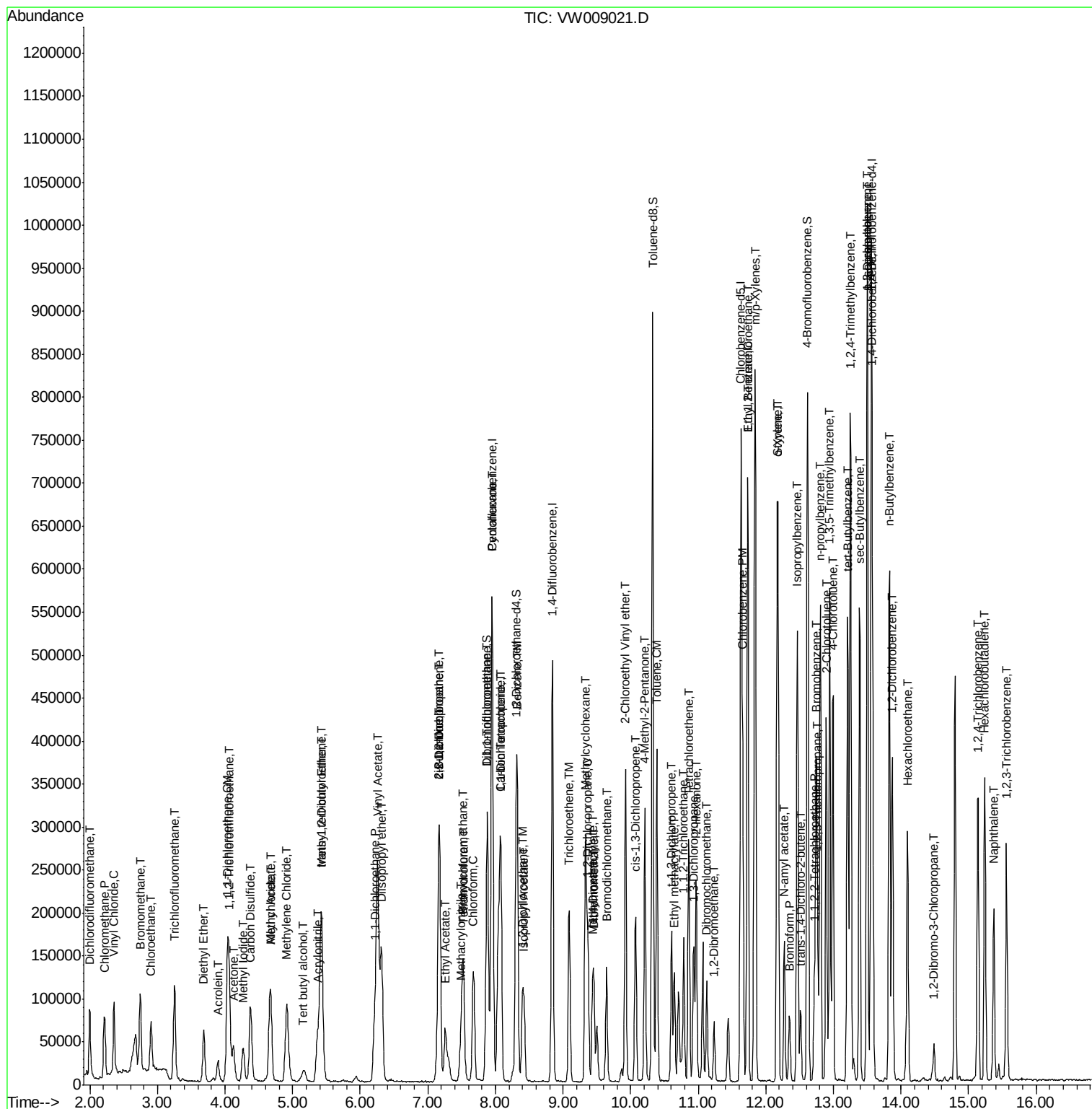
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	101290	23.150	ug/l	99
94) Hexachlorobutadiene	15.24	225	61994	22.291	ug/l	97
95) Naphthalene	15.37	128	168002	23.682	ug/l	99
96) 1,2,3-Trichlorobenzene	15.56	180	90477	23.884	ug/l	99

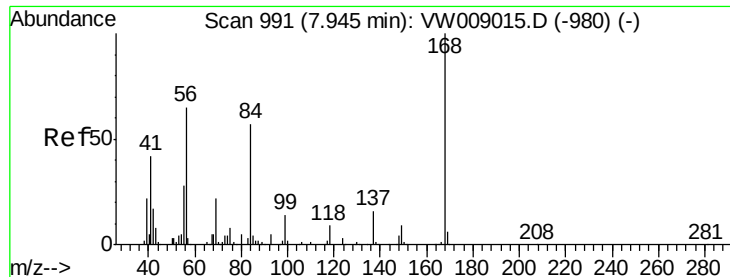
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.01 min

Lab File: VW009021.D

Acq: 06 Mar 2019 17:55

Instrument :

MSVOA_W

ClientSampleId :

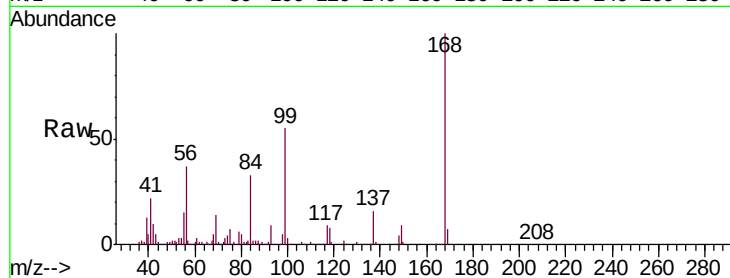
VW0306SBSD01

Tgt Ion:168 Resp: 278518

Ion Ratio Lower Upper

168 100

99 55.3 43.5 65.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

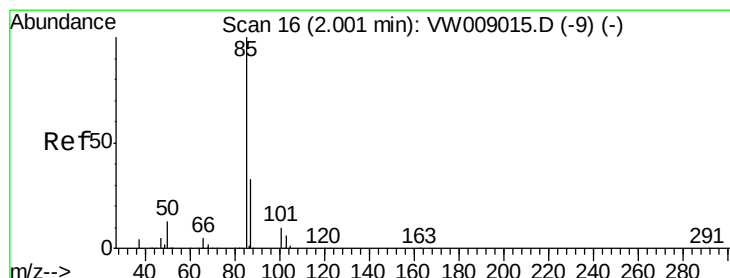
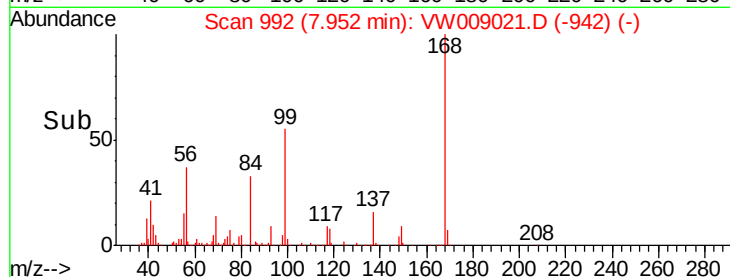
7.95

100000

50000

0

Time--> 7.80 7.90 8.00 8.10



#2

Dichlorodifluoromethane

Concen: 24.714 ug/l

RT: 2.00 min Scan# 15

Delta R.T. -0.01 min

Lab File: VW009021.D

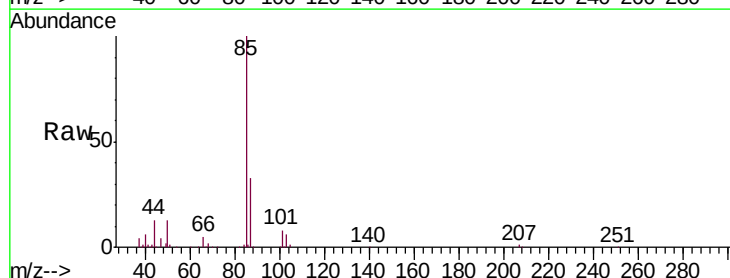
Acq: 06 Mar 2019 17:55

Tgt Ion: 85 Resp: 68378

Ion Ratio Lower Upper

85 100

87 32.5 16.4 49.2



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

50000

40000

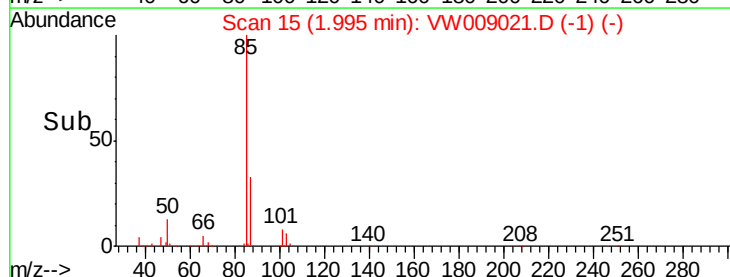
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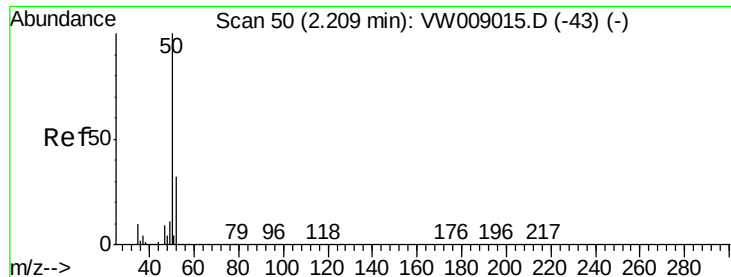
20000

10000

0

Time--> 1.90 2.00 2.10





#3

Chloromethane

Concen: 22.506 ug/l

RT: 2.21 min Scan# 51

Delta R.T. 0.01 min

Lab File: VW009021.D

Acq: 06 Mar 2019 17:55

Instrument :

MSVOA_W

ClientSampleId :

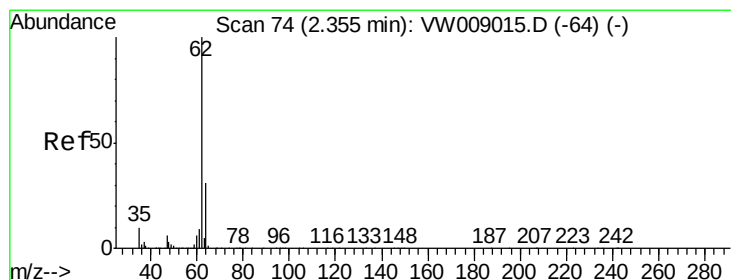
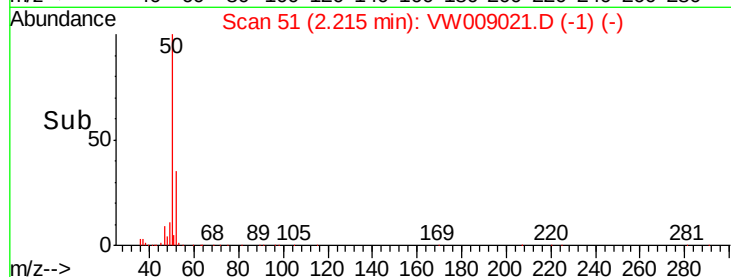
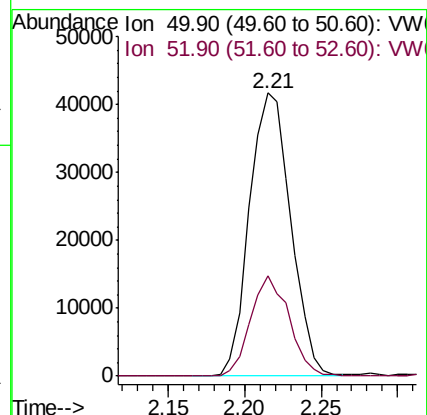
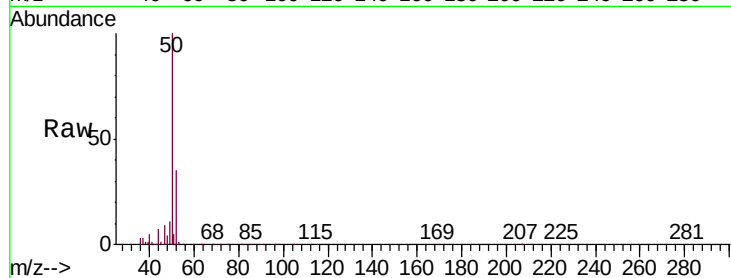
VW0306SBSD01

Tgt Ion: 50 Resp: 78433

Ion Ratio Lower Upper

50 100

52 35.5 25.3 37.9



#4

Vinyl Chloride

Concen: 22.194 ug/l

RT: 2.36 min Scan# 74

Delta R.T. 0.00 min

Lab File: VW009021.D

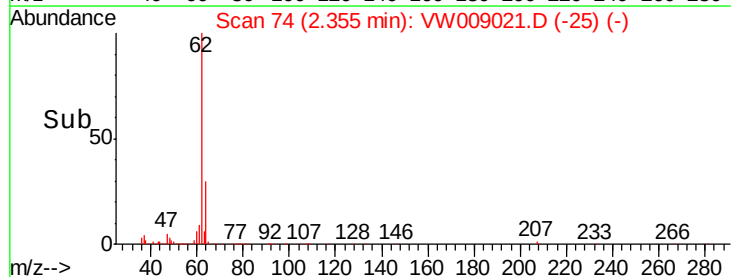
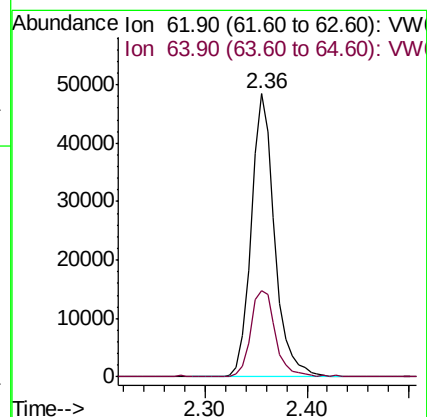
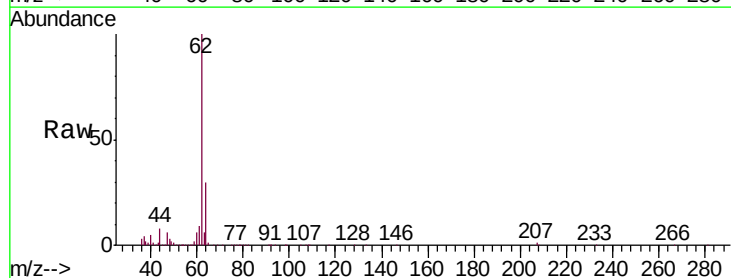
Acq: 06 Mar 2019 17:55

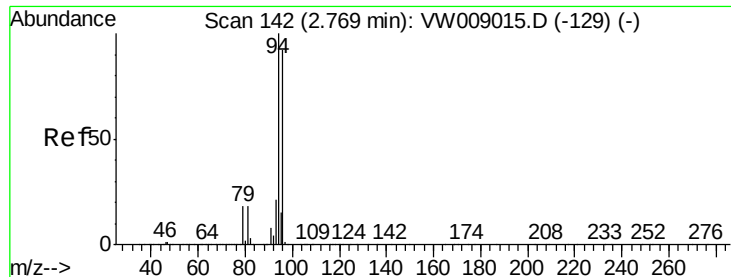
Tgt Ion: 62 Resp: 77509

Ion Ratio Lower Upper

62 100

64 30.4 24.6 36.8

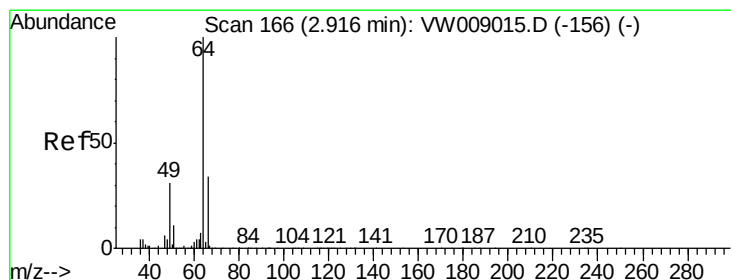
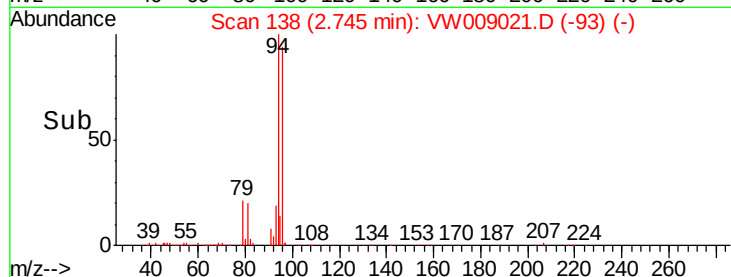
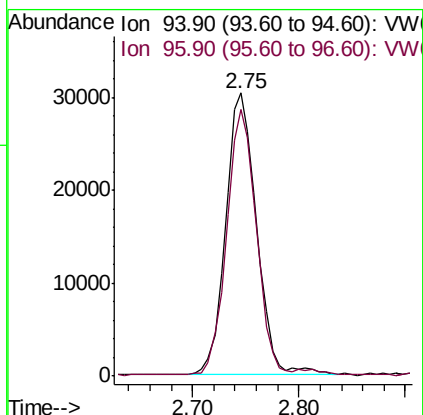
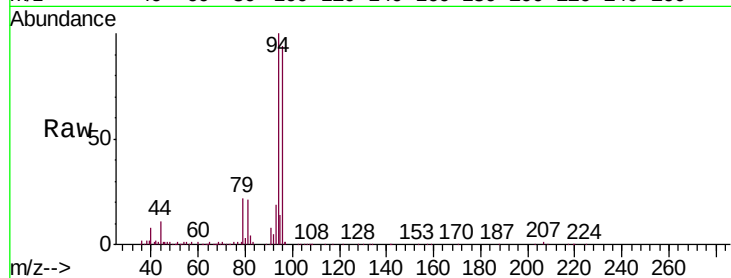




#5
Bromomethane
Concen: 19.999 ug/l
RT: 2.75 min Scan# 138
Delta R.T. -0.02 min
Lab File: VW009021.D
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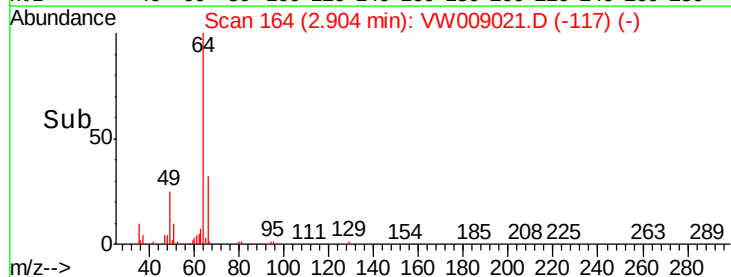
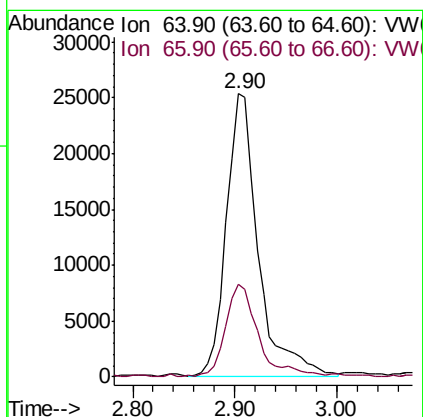
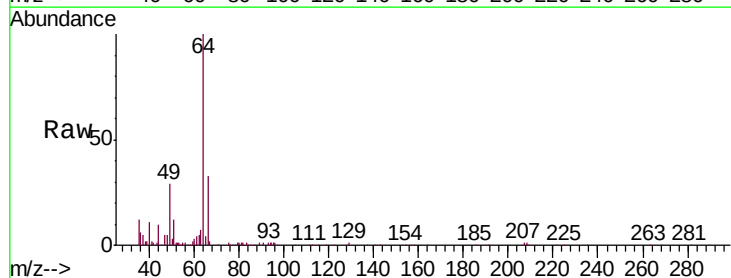
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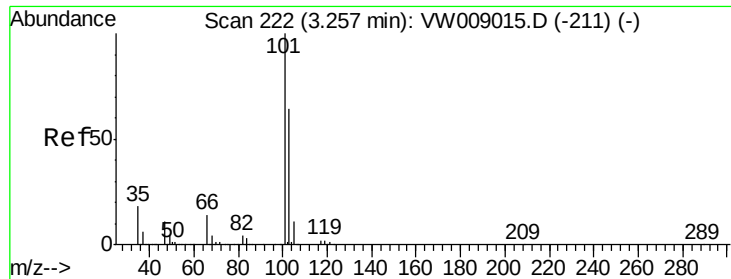
Tgt Ion: 94 Resp: 61333
Ion Ratio Lower Upper
94 100
96 94.2 73.4 110.0



#6
Chloroethane
Concen: 22.002 ug/l
RT: 2.90 min Scan# 164
Delta R.T. -0.01 min
Lab File: VW009021.D
Acq: 06 Mar 2019 17:55

Tgt Ion: 64 Resp: 54481
Ion Ratio Lower Upper
64 100
66 32.1 27.2 40.8



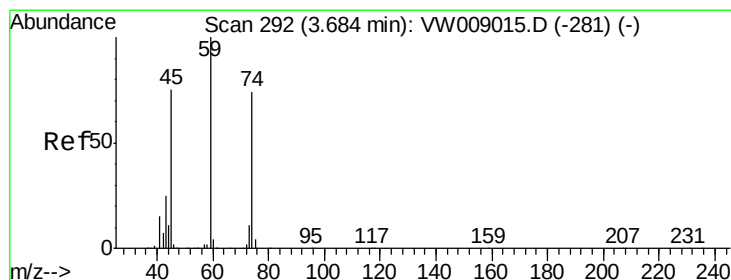
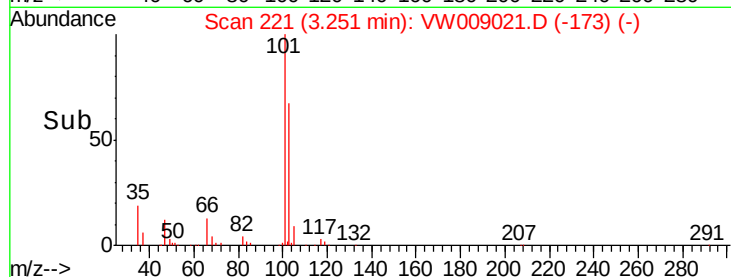
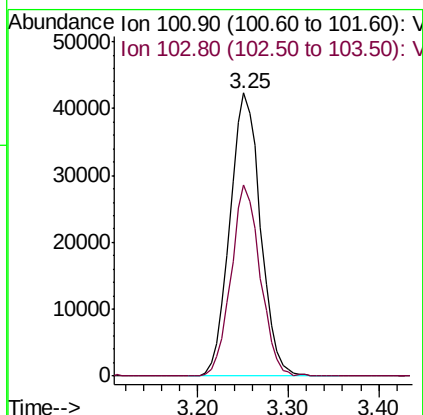
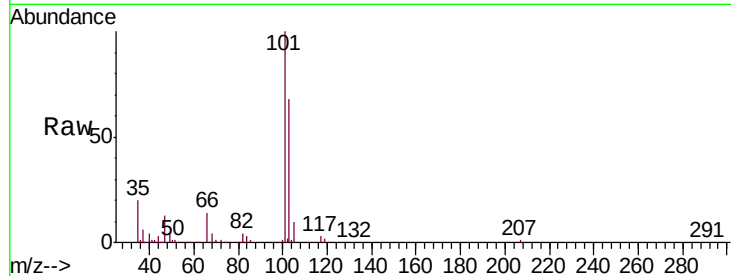


#7

Trichlorofluoromethane
 Concen: 22.045 ug/l
 RT: 3.25 min Scan# 221
 Delta R.T. -0.01 min
 Lab File: VW009021.D
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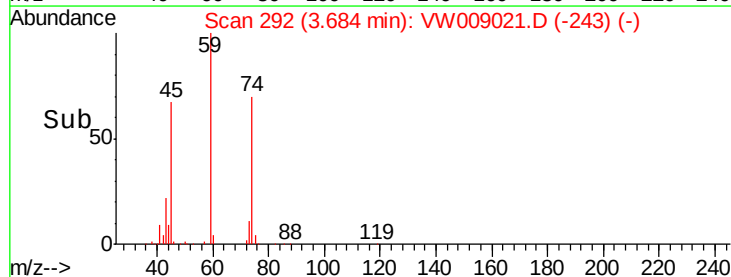
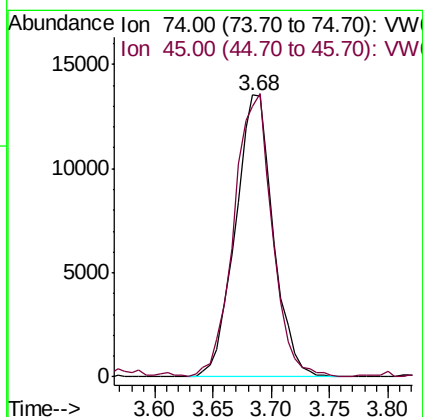
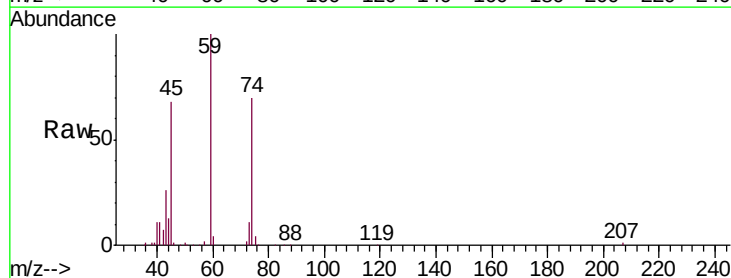
Tgt Ion: 101 Resp: 99171
 Ion Ratio Lower Upper
 101 100
 103 67.6 51.1 76.7

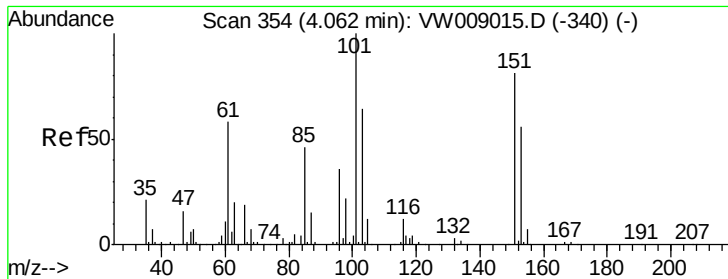


#8

Diethyl Ether
 Concen: 21.893 ug/l
 RT: 3.68 min Scan# 292
 Delta R.T. 0.00 min
 Lab File: VW009021.D
 Acq: 06 Mar 2019 17:55

Tgt Ion: 74 Resp: 30744
 Ion Ratio Lower Upper
 74 100
 45 101.5 48.8 146.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.829 ug/l

RT: 4.06 min Scan# 354

Delta R.T. 0.00 min

Lab File: VW009021.D

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Instrument :

MSVOA_W

ClientSampleId :

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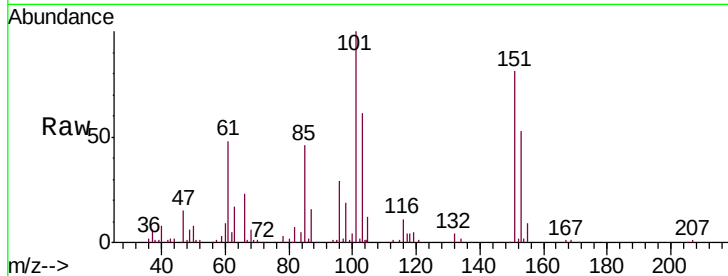
Tgt Ion:101 Resp: 60936

Ion Ratio Lower Upper

101 100

85 44.7 36.6 55.0

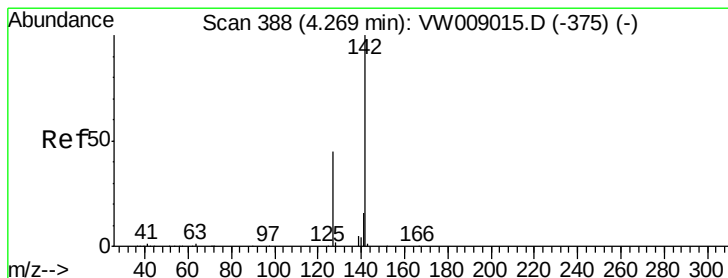
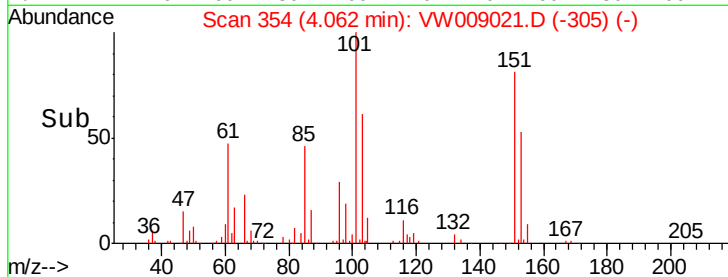
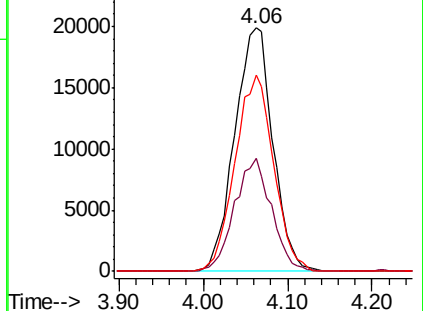
151 81.5 66.0 99.0



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: 22.985 ug/l

RT: 4.27 min Scan# 388

Delta R.T. 0.00 min

Lab File: VW009021.D

Acq: 06 Mar 2019 17:55

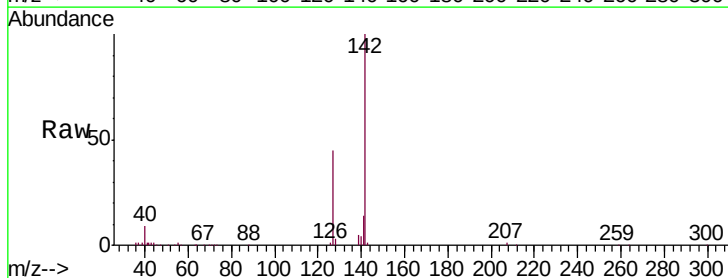
Tgt Ion:142 Resp: 62525

Ion Ratio Lower Upper

142 100

127 43.9 36.2 54.2

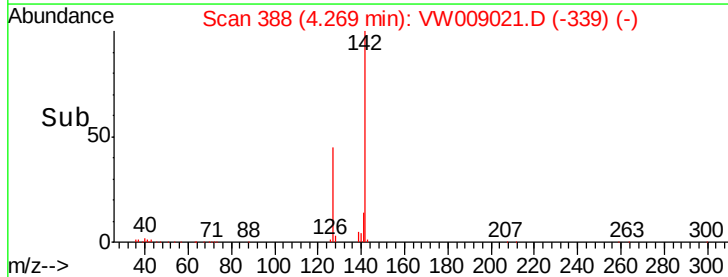
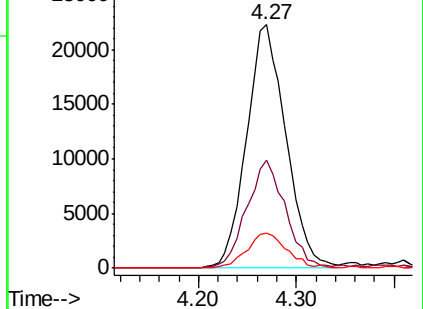
141 14.8 12.3 18.5

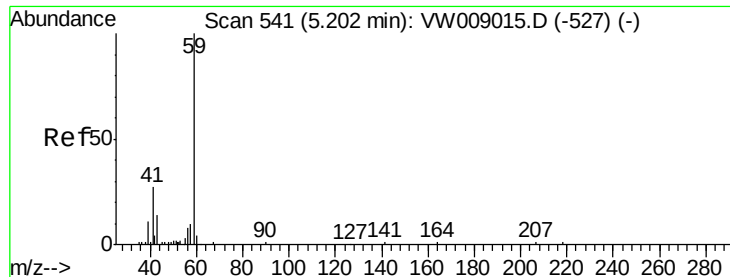


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

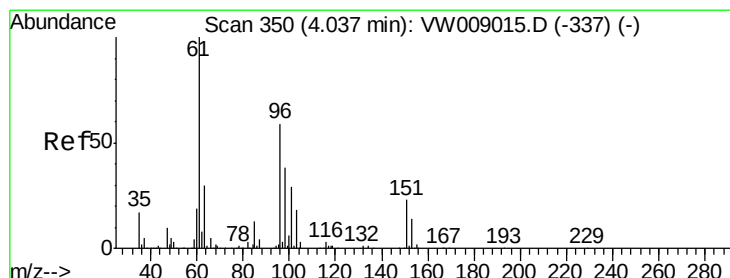
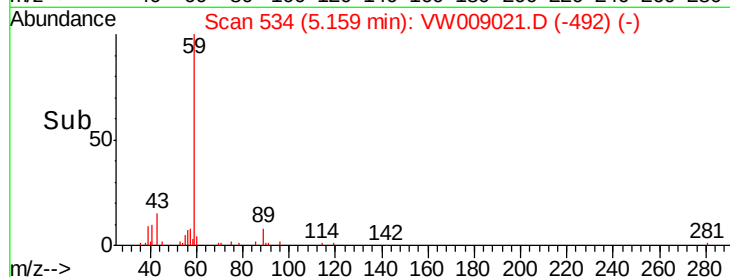
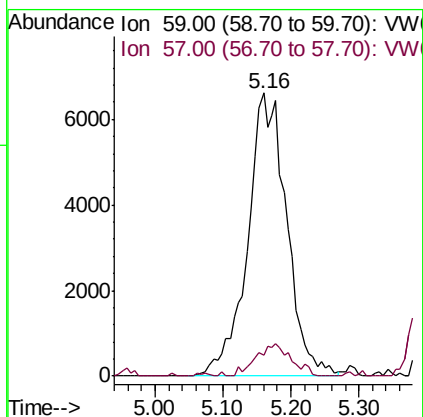
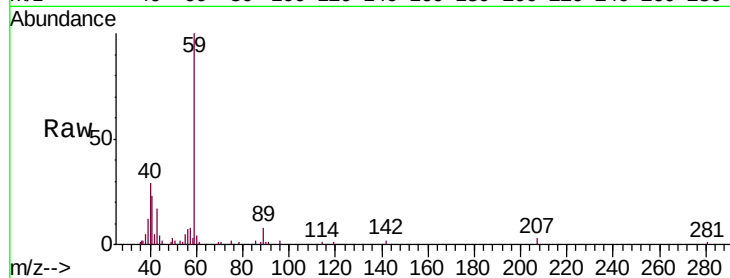




#11
Tert butyl alcohol
Concen: 132.214 ug/l
RT: 5.16 min Scan# 534
Delta R.T. -0.04 min
Lab File: VW009021.D
Acq: 06 Mar 2019 17:55

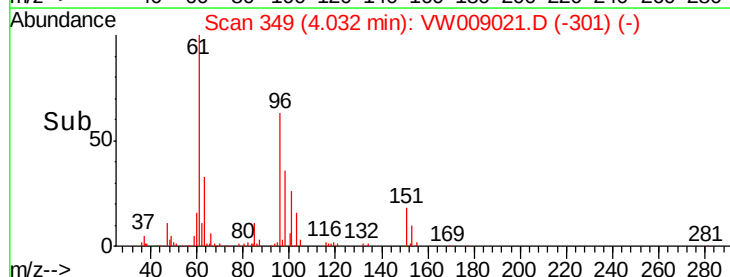
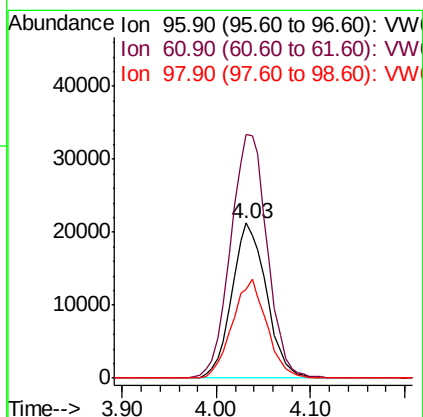
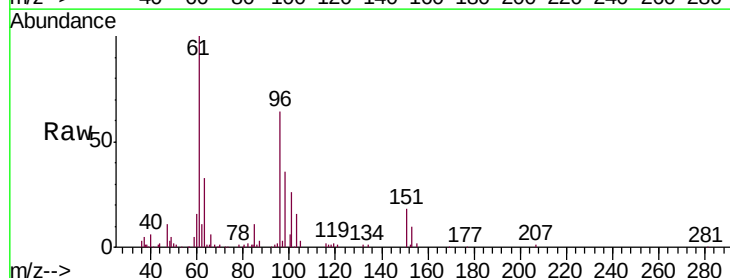
Instrument :
MSVOA_W
ClientSampleId :
VW0306SBSD01

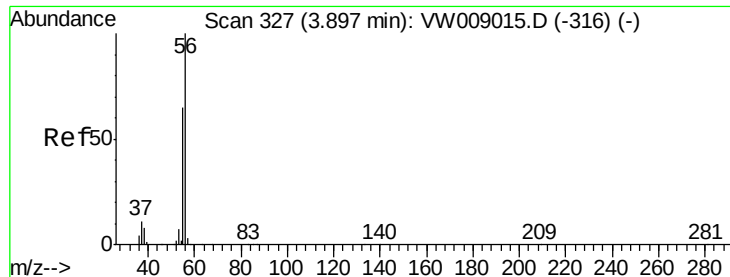
Tgt Ion: 59 Resp: 26483
Ion Ratio Lower Upper
59 100
57 10.5 9.0 13.6



#12
1,1-Dichloroethene
Concen: 22.375 ug/l
RT: 4.03 min Scan# 349
Delta R.T. -0.01 min
Lab File: VW009021.D
Acq: 06 Mar 2019 17:55

Tgt Ion: 96 Resp: 54427
Ion Ratio Lower Upper
96 100
61 157.2 135.8 203.6
98 57.3 51.6 77.4





#13

Acrolein

Concen: 122.846 ug/l

RT: 3.90 min Scan# 327

Delta R.T. 0.00 min

Lab File: VW009021.D

Acq: 06 Mar 2019 17:55

Instrument :

MSVOA_W

ClientSampleId :

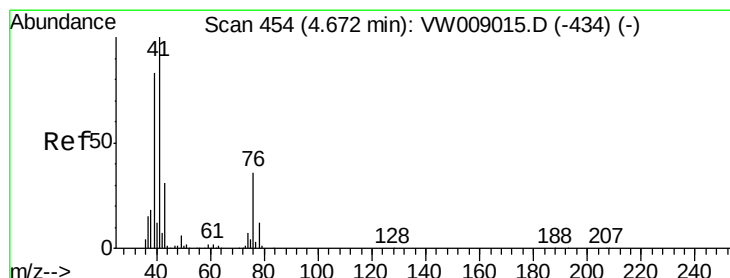
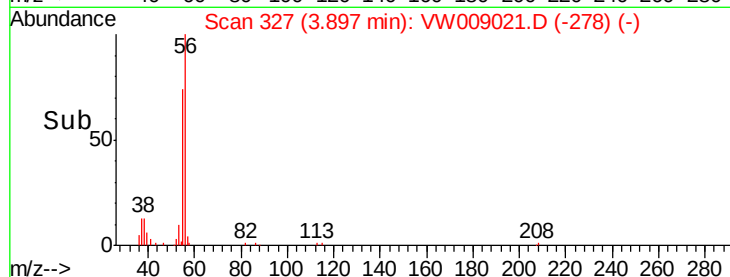
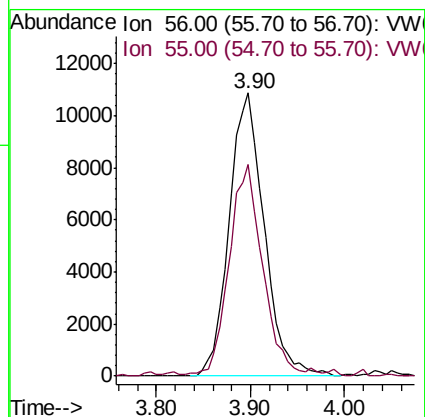
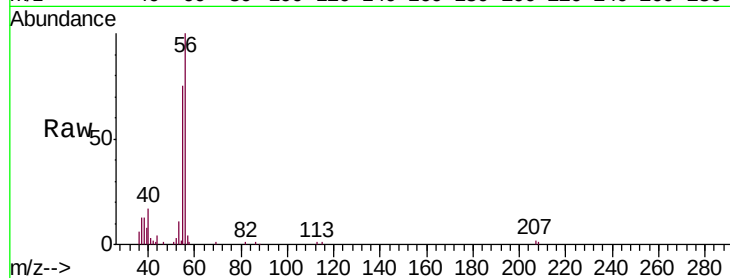
VW0306SBSD01

Tgt Ion: 56 Resp: 28147

Ion Ratio Lower Upper

56 100

55 69.4 57.1 85.7



#14

Allyl chloride

Concen: 22.262 ug/l

RT: 4.67 min Scan# 453

Delta R.T. -0.01 min

Lab File: VW009021.D

Acq: 06 Mar 2019 17:55

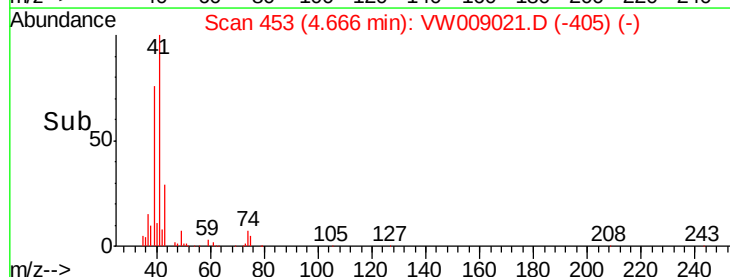
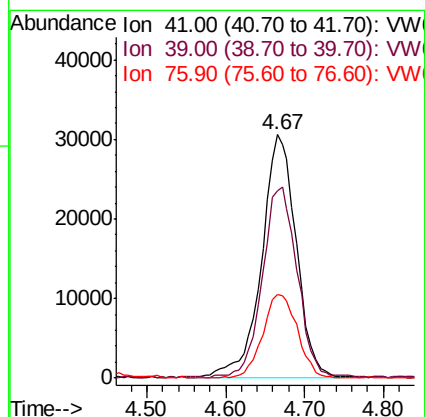
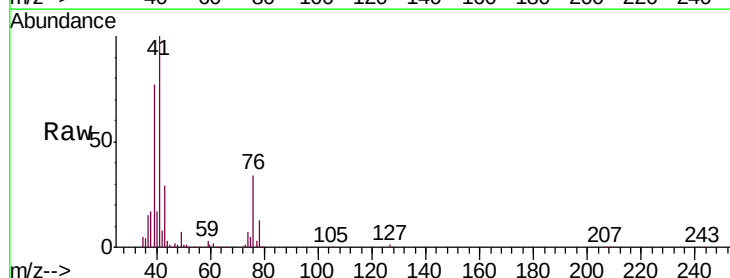
Tgt Ion: 41 Resp: 93622

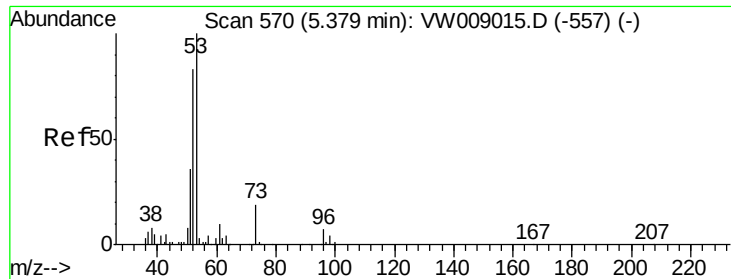
Ion Ratio Lower Upper

41 100

39 79.2 63.6 95.4

76 34.3 27.9 41.9





#15

Acrylonitrile

Concen: 117.359 ug/l

RT: 5.37 min Scan# 568

Delta R.T. -0.01 min

Lab File: VW009021.D

Acq: 06 Mar 2019 17:55

Instrument :

MSVOA_W

ClientSampleId :

VW0306SBSD01

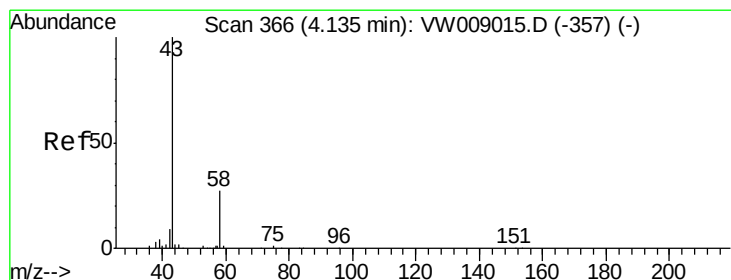
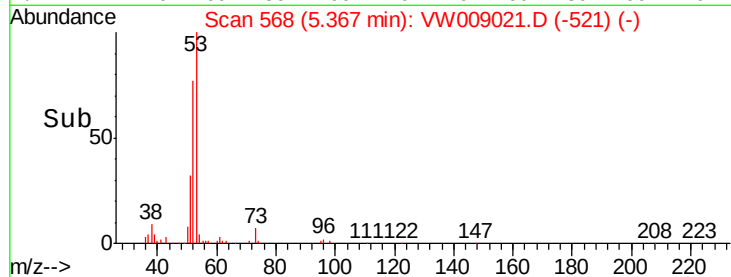
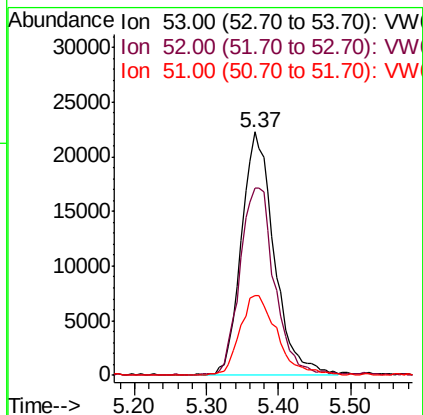
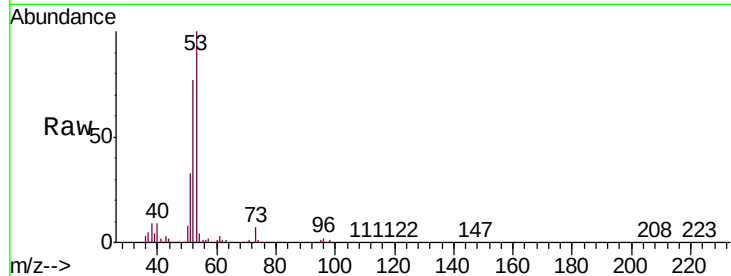
Tgt Ion: 53 Resp: 70555

Ion Ratio Lower Upper

53 100

52 79.9 66.6 100.0

51 37.1 30.6 45.8



#16

Acetone

Concen: 117.534 ug/l

RT: 4.13 min Scan# 365

Delta R.T. -0.01 min

Lab File: VW009021.D

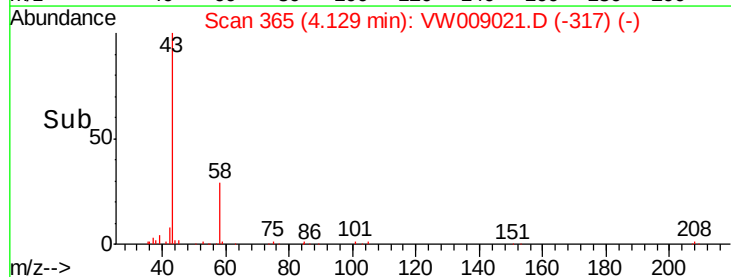
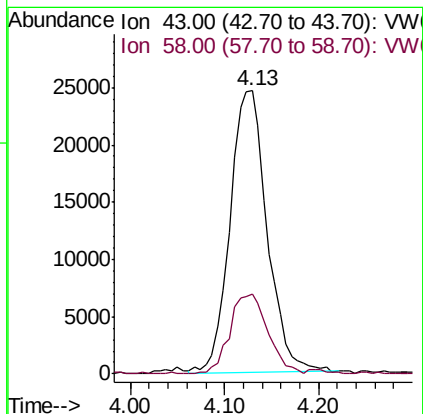
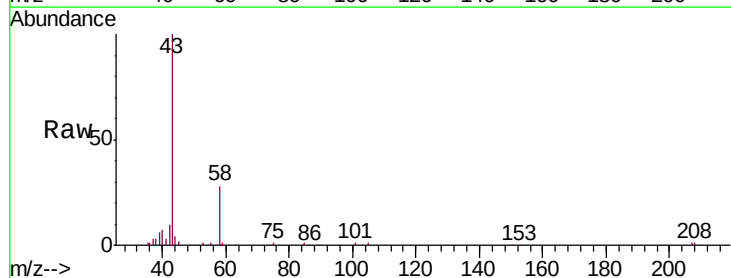
Acq: 06 Mar 2019 17:55

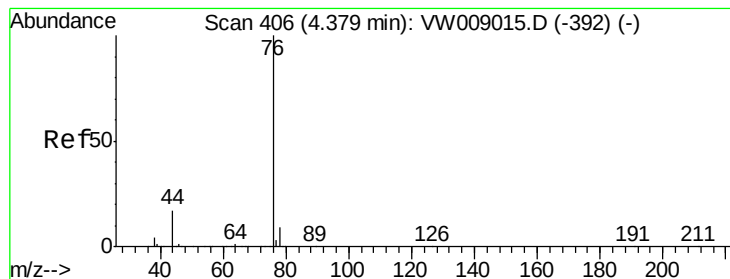
Tgt Ion: 43 Resp: 67454

Ion Ratio Lower Upper

43 100

58 28.5 21.6 32.4





#17

Carbon Disulfide

Concen: 21.977 ug/l

RT: 4.37 min Scan# 405

Delta R.T. -0.01 min

Lab File: VW009021.D

Acq: 06 Mar 2019 17:55

Instrument :

MSVOA_W

ClientSampleId :

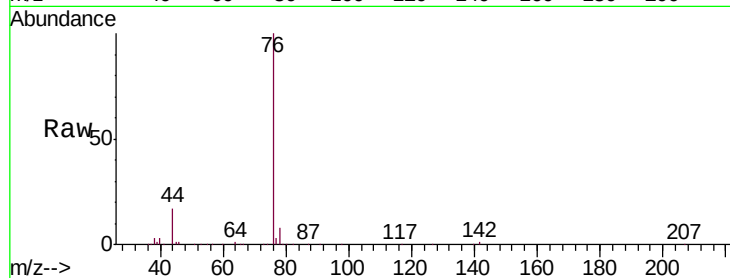
VW0306SBSD01

Tgt Ion: 76 Resp: 179154

Ion Ratio Lower Upper

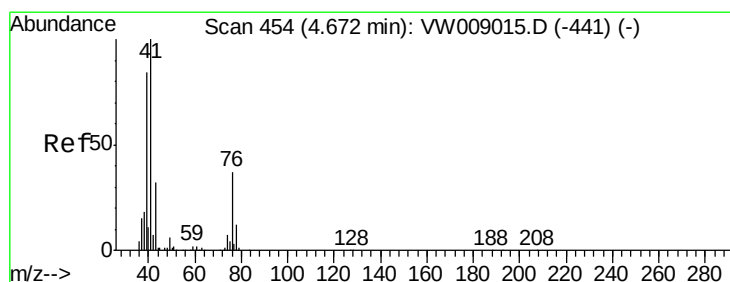
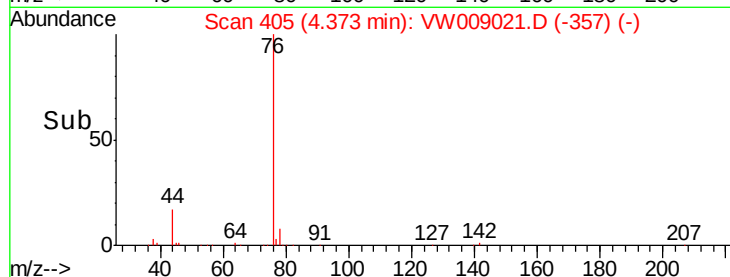
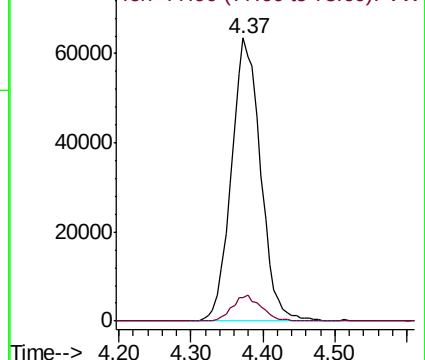
76 100

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: 22.794 ug/l

RT: 4.68 min Scan# 455

Delta R.T. 0.01 min

Lab File: VW009021.D

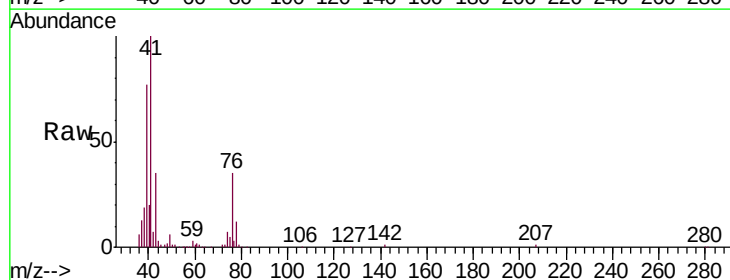
Acq: 06 Mar 2019 17:55

Tgt Ion: 43 Resp: 29822

Ion Ratio Lower Upper

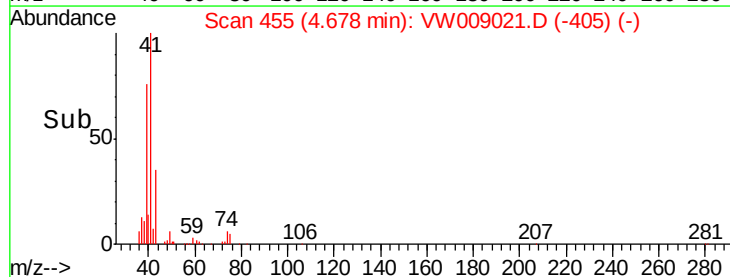
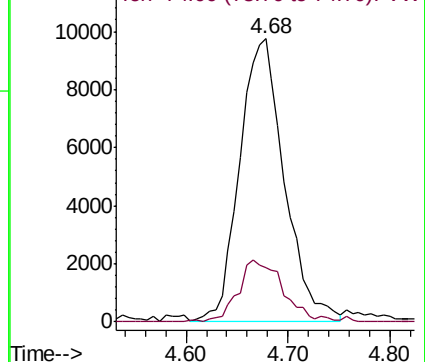
43 100

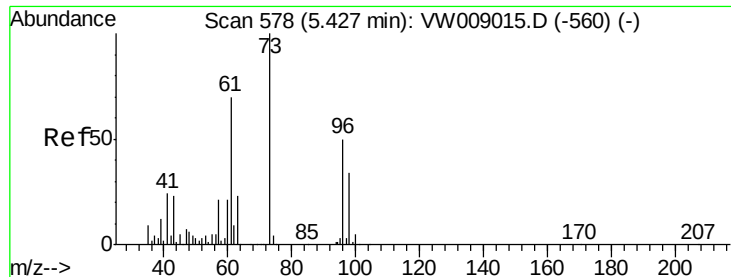
74 22.0 17.7 26.5



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW



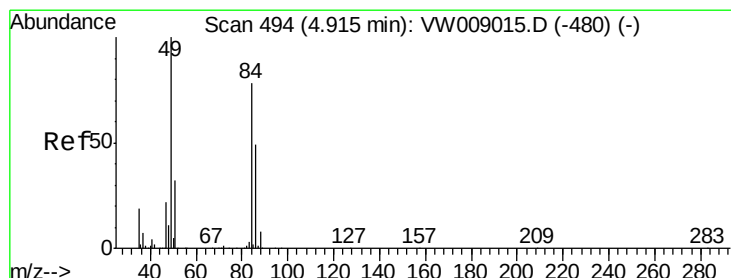
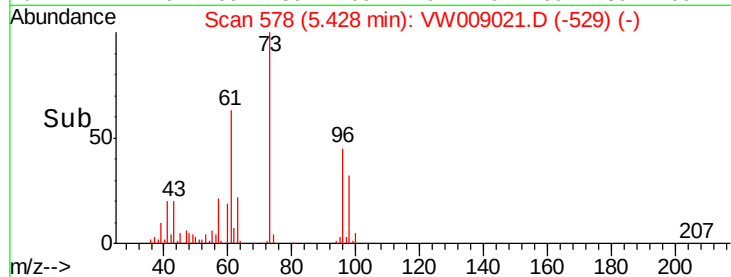
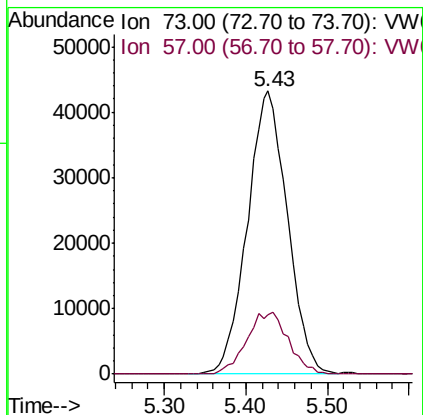
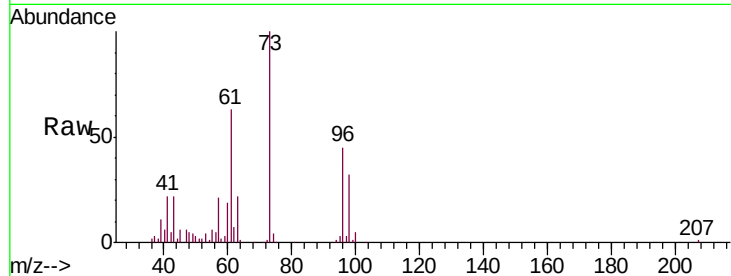


#19

Methyl tert-butyl Ether
 Concen: 23.434 ug/l
 RT: 5.43 min Scan# 578
 Delta R.T. 0.00 min
 Lab File: VW009021.D
 Acq: 06 Mar 2019 17:55

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0306SBS01

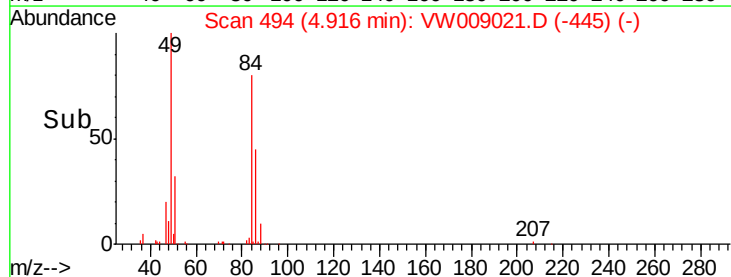
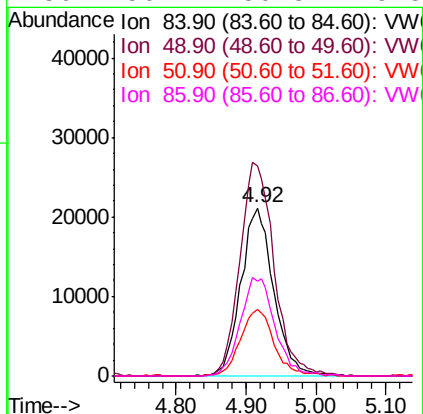
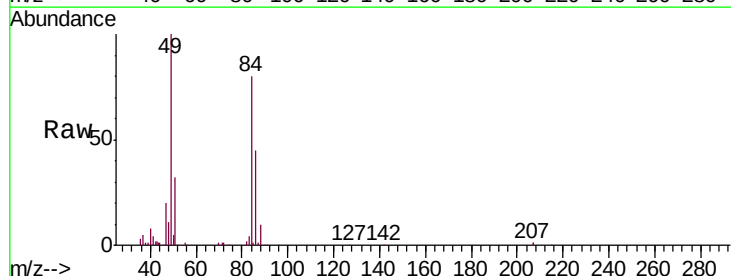
Tgt Ion: 73 Resp: 147565
 Ion Ratio Lower Upper
 73 100
 57 20.7 17.0 25.6

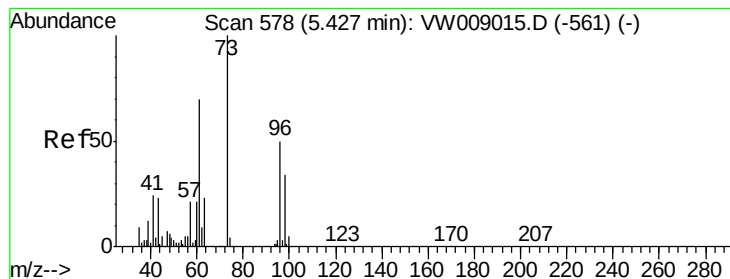


#20

Methylene Chloride
 Concen: 22.356 ug/l
 RT: 4.92 min Scan# 494
 Delta R.T. 0.00 min
 Lab File: VW009021.D
 Acq: 06 Mar 2019 17:55

Tgt Ion: 84 Resp: 68801
 Ion Ratio Lower Upper
 84 100
 49 125.0 102.8 154.2
 51 39.8 32.4 48.6
 86 56.4 50.3 75.5





#21

trans-1,2-Dichloroethene

Concen: 21.898 ug/l

RT: 5.42 min Scan# 577

Delta R.T. -0.01 min

Lab File: VW009021.D

Acq: 06 Mar 2019 17:55

Instrument :

MSVOA_W

ClientSampleId :

VW0306SBS01

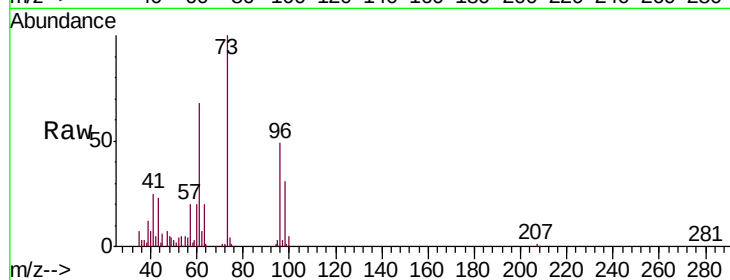
Tgt Ion: 96 Resp: 60929

Ion Ratio Lower Upper

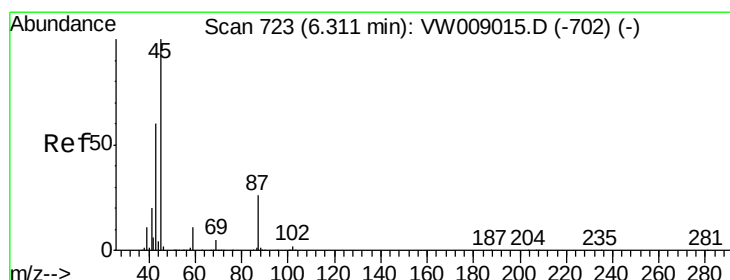
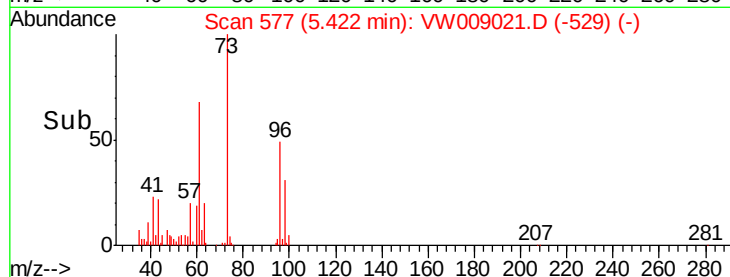
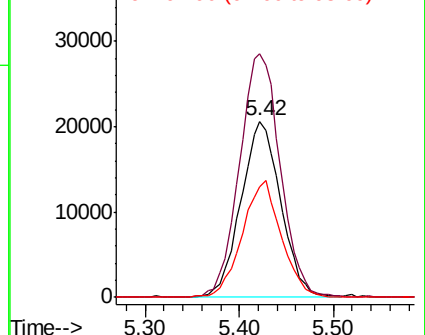
96 100

61 138.3 113.2 169.8

98 62.4 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: 22.661 ug/l

RT: 6.31 min Scan# 723

Delta R.T. 0.00 min

Lab File: VW009021.D

Acq: 06 Mar 2019 17:55

Tgt Ion: 45 Resp: 190298

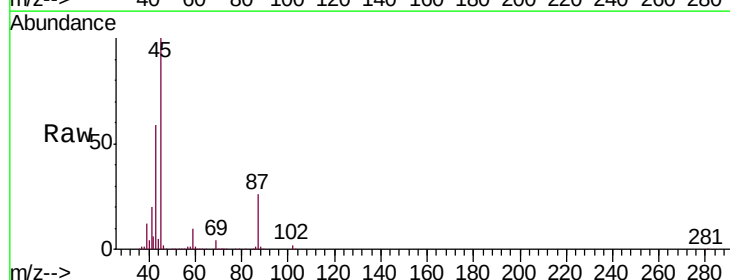
Ion Ratio Lower Upper

45 100

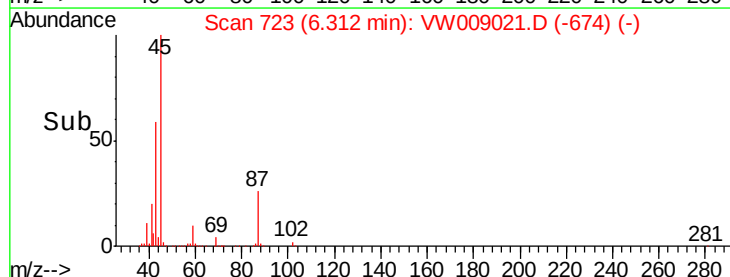
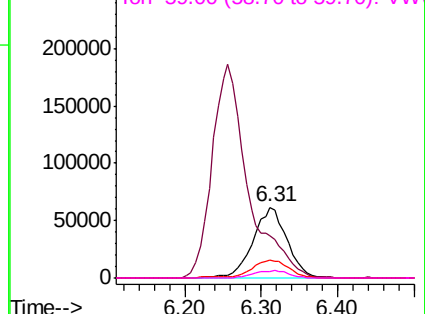
43 58.2 48.1 72.1

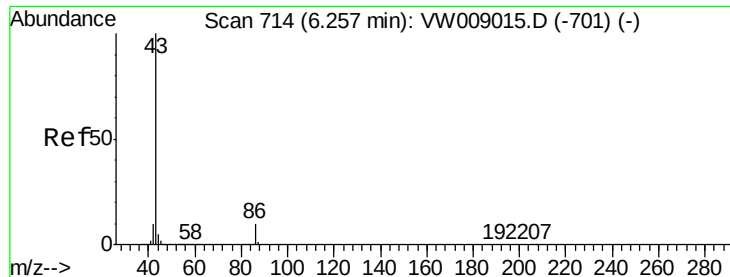
87 25.5 20.9 31.3

59 9.7 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: 116.497 ug/l

RT: 6.26 min Scan# 714

Delta R.T. 0.00 min

Lab File: VW009021.D

Acq: 06 Mar 2019 17:55

Instrument :

MSVOA_W

ClientSampleId :

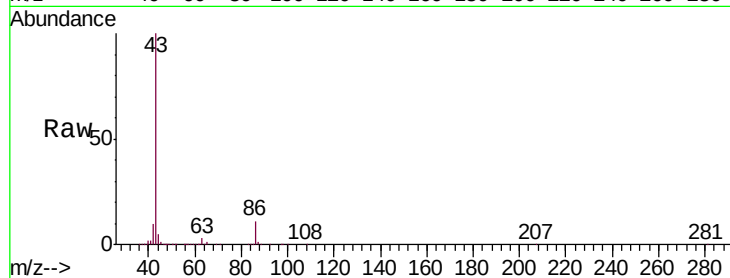
VW0306SBSD01

Tgt Ion: 43 Resp: 609301

Ion Ratio Lower Upper

43 100

86 10.7 8.0 12.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW

6.26

200000

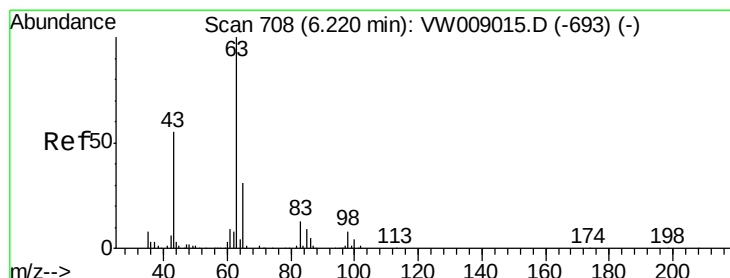
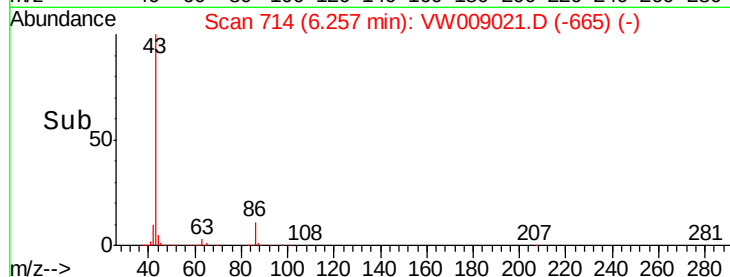
150000

100000

50000

0

Time-->



#24

1,1-Dichloroethane

Concen: 22.481 ug/l

RT: 6.21 min Scan# 707

Delta R.T. -0.01 min

Lab File: VW009021.D

Acq: 06 Mar 2019 17:55

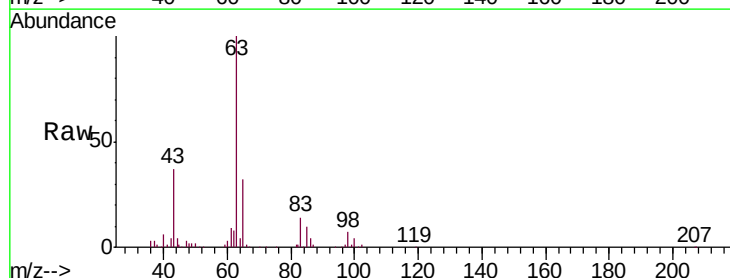
Tgt Ion: 63 Resp: 109772

Ion Ratio Lower Upper

63 100

98 7.2 4.0 12.2

100 4.1 2.0 5.8



Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW

6.21

40000

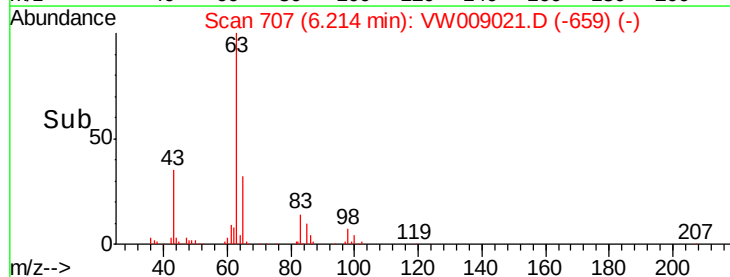
30000

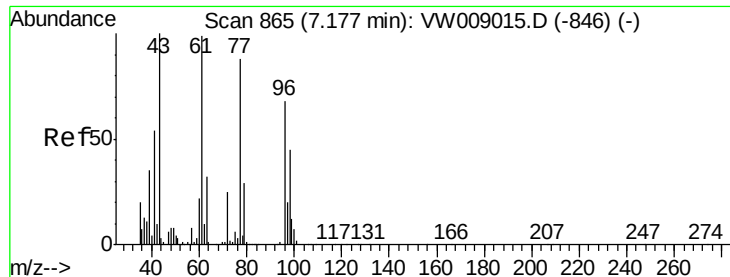
20000

10000

0

Time-->





#25

2-Butanone

Concen: 117.818 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.01 min

Lab File: VW009021.D

Acq: 06 Mar 2019 17:55

Instrument :

MSVOA_W

ClientSampleId :

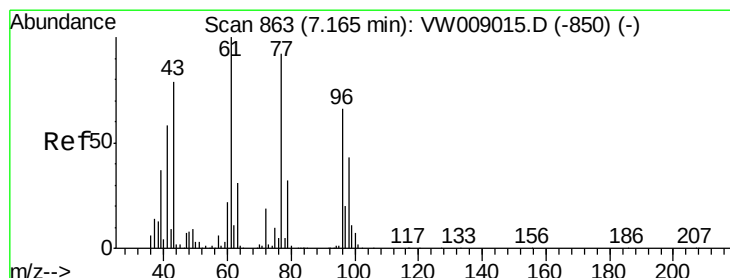
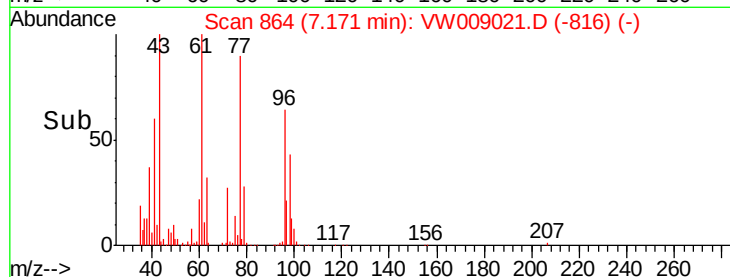
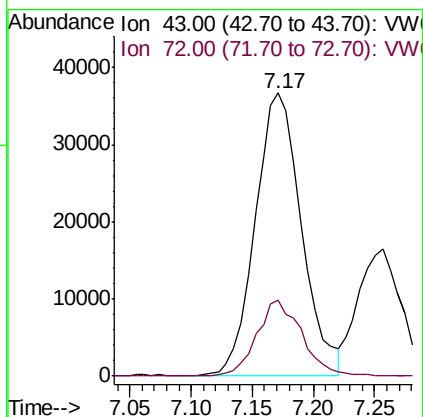
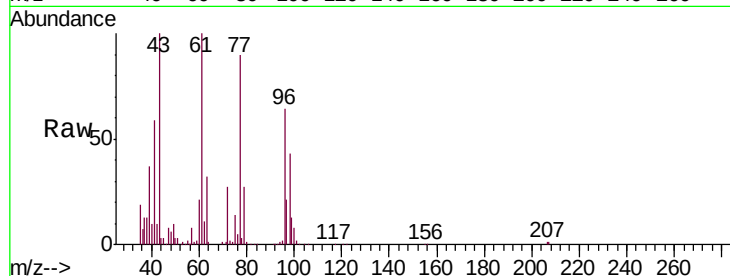
VW0306SBSD01

Tgt Ion: 43 Resp: 96190

Ion Ratio Lower Upper

43 100

72 27.1 20.2 30.2



#26

2,2-Dichloropropane

Concen: 22.114 ug/l

RT: 7.17 min Scan# 863

Delta R.T. 0.00 min

Lab File: VW009021.D

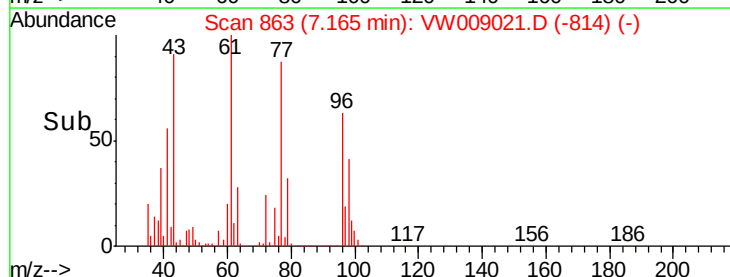
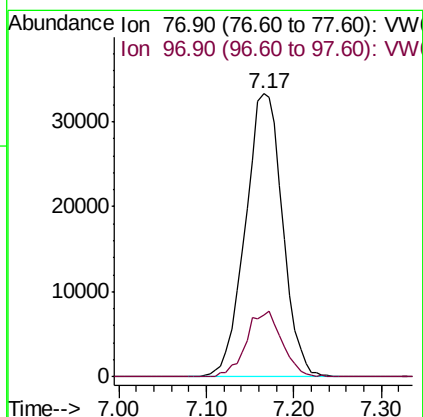
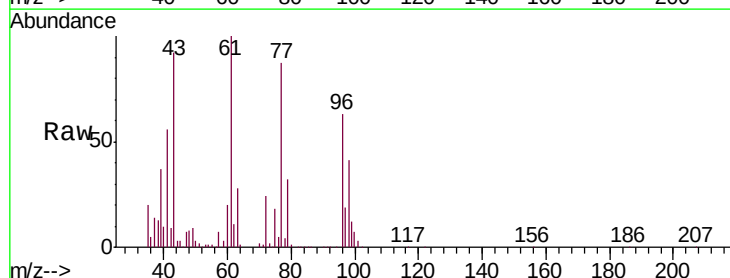
Acq: 06 Mar 2019 17:55

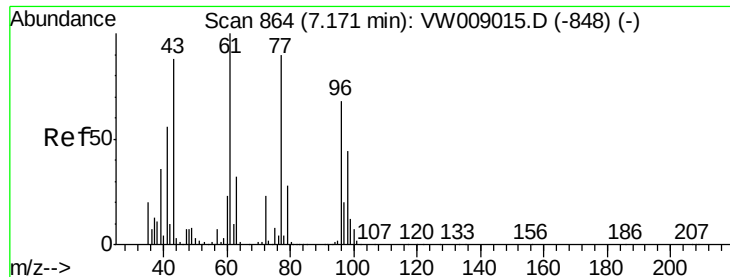
Tgt Ion: 77 Resp: 98771

Ion Ratio Lower Upper

77 100

97 22.2 10.7 32.1



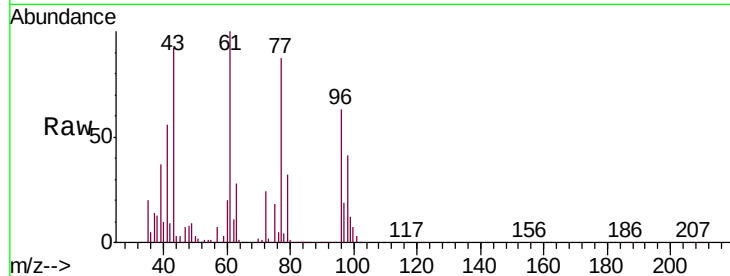


#27

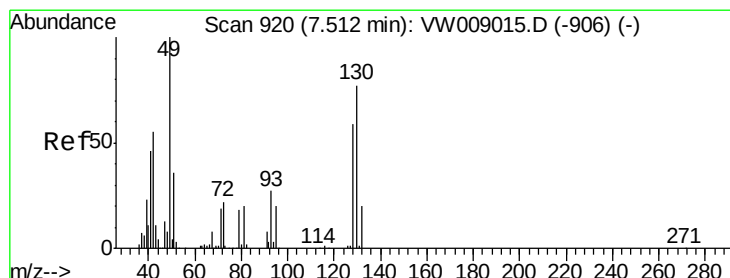
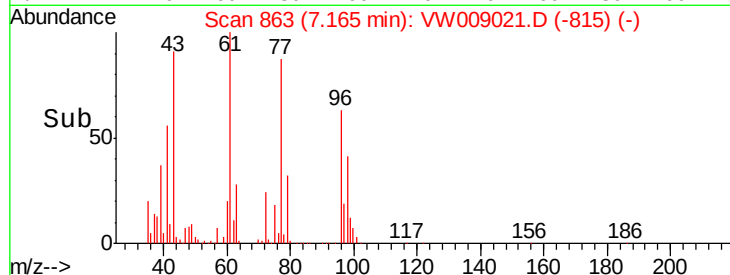
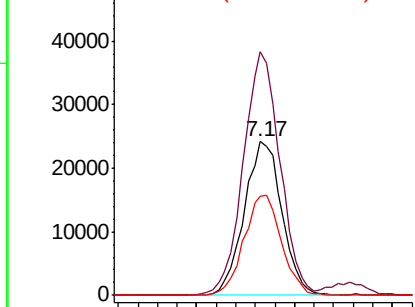
cis-1,2-Dichloroethene
Concen: 22.145 ug/l
RT: 7.17 min Scan# 863
Delta R.T. -0.01 min
Lab File: VW009021.D
Acq: 06 Mar 2019 17:55

Instrument :
MSVOA_W
ClientSampleId :
VW0306SBS01

Tgt Ion: 96 Resp: 64864
Ion Ratio Lower Upper
96 100
61 154.2 0.0 303.6
98 64.9 0.0 129.0



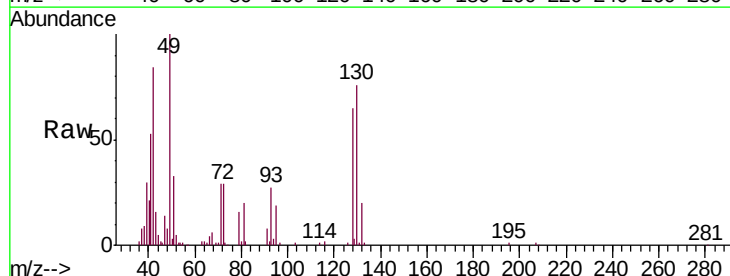
Abundance Ion 95.90 (95.60 to 96.60): VW
Ion 60.90 (60.60 to 61.60): VW
Ion 97.90 (97.60 to 98.60): VW



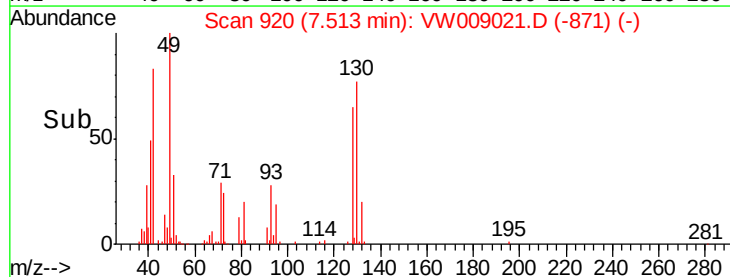
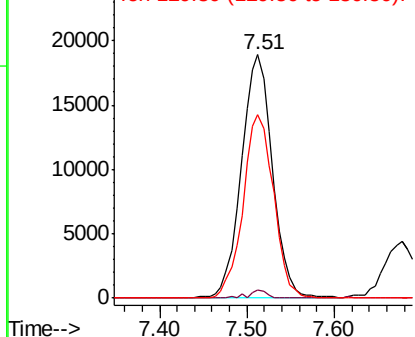
#28

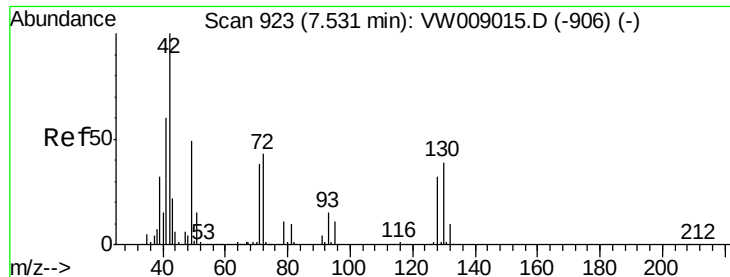
Bromochloromethane
Concen: 21.913 ug/l
RT: 7.51 min Scan# 920
Delta R.T. 0.00 min
Lab File: VW009021.D
Acq: 06 Mar 2019 17:55

Tgt Ion: 49 Resp: 46445
Ion Ratio Lower Upper
49 100
129 1.9 0.0 3.2
130 74.2 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

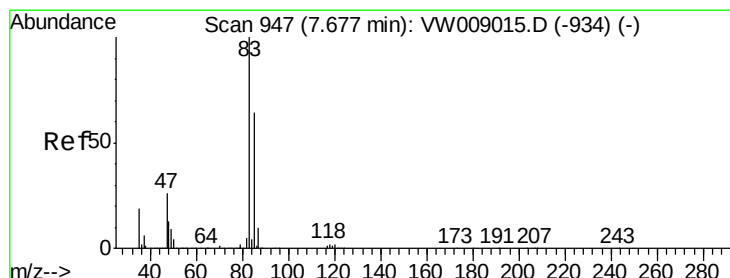
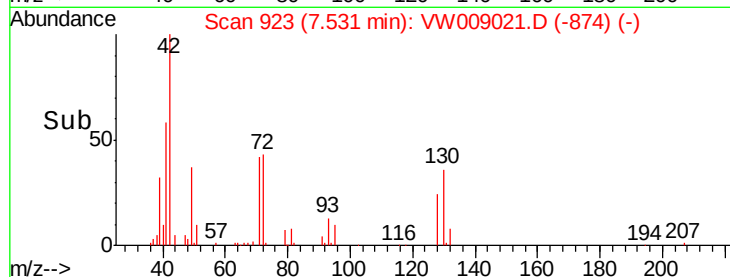
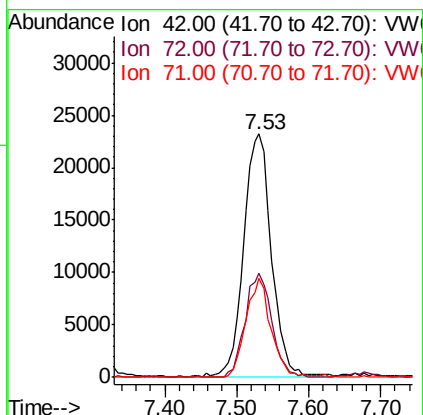
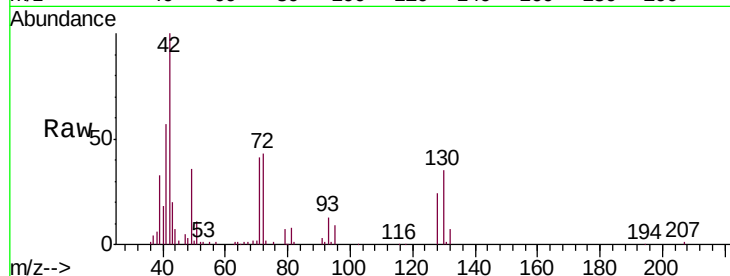




#29
Tetrahydrofuran
Concen: 121.928 ug/l
RT: 7.53 min Scan# 923
Delta R.T. 0.00 min
Lab File: VW009021.D
Acq: 06 Mar 2019 17:55

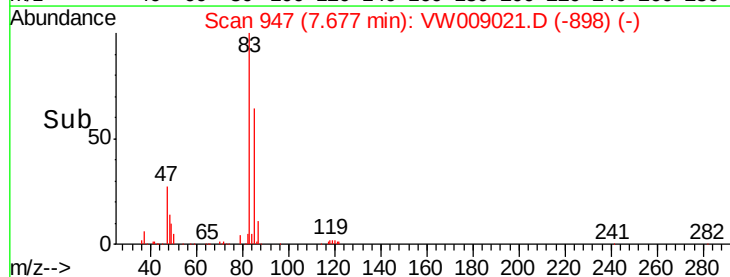
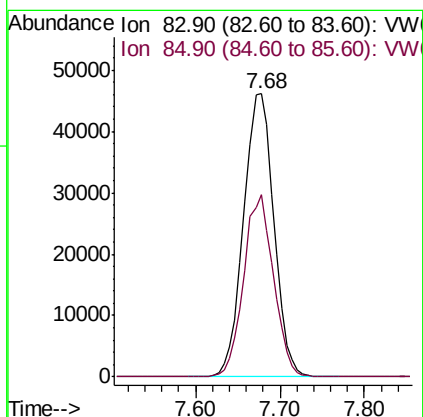
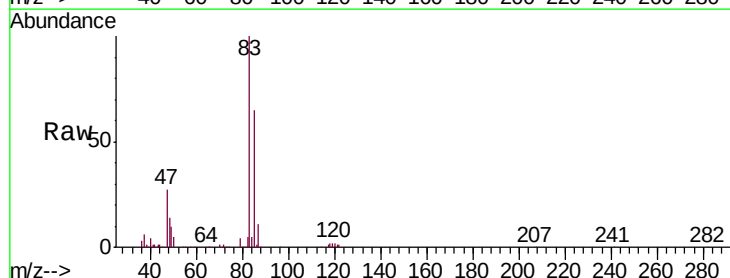
Instrument :
MSVOA_W
ClientSampleId :
VW0306SBSD01

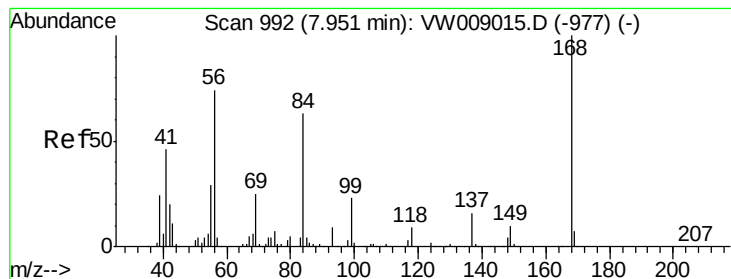
Tgt Ion: 42 Resp: 62538
Ion Ratio Lower Upper
42 100
72 41.0 32.5 48.7
71 36.5 31.6 47.4



#30
Chloroform
Concen: 22.445 ug/l
RT: 7.68 min Scan# 947
Delta R.T. 0.00 min
Lab File: VW009021.D
Acq: 06 Mar 2019 17:55

Tgt Ion: 83 Resp: 112210
Ion Ratio Lower Upper
83 100
85 64.5 51.4 77.0





#31

Cyclohexane

Concen: 22.069 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW009021.D

Acq: 06 Mar 2019 17:55

Instrument :

MSVOA_W

ClientSampleId :

VW0306SBSD01

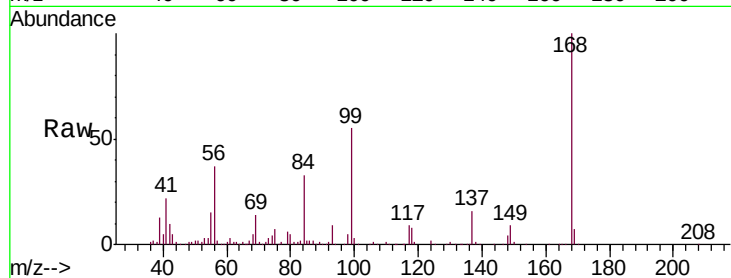
Tgt Ion: 56 Resp: 110814

Ion Ratio Lower Upper

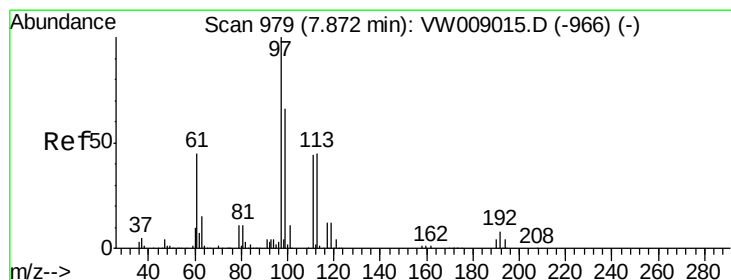
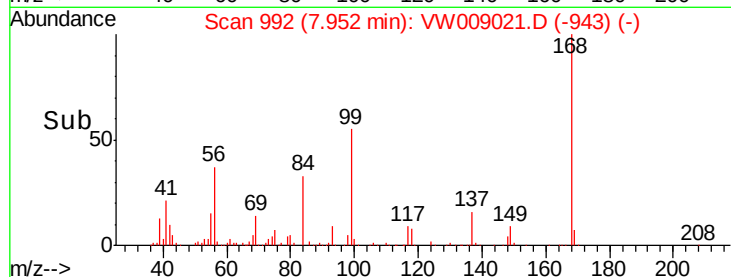
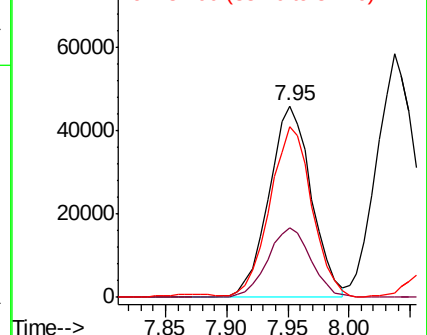
56 100

69 36.2 27.0 40.4

84 87.7 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: 22.598 ug/l

RT: 7.87 min Scan# 979

Delta R.T. 0.00 min

Lab File: VW009021.D

Acq: 06 Mar 2019 17:55

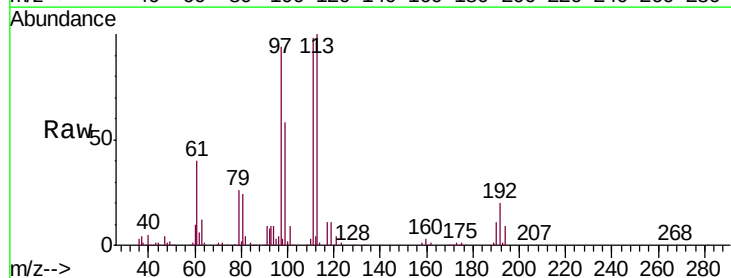
Tgt Ion: 97 Resp: 103768

Ion Ratio Lower Upper

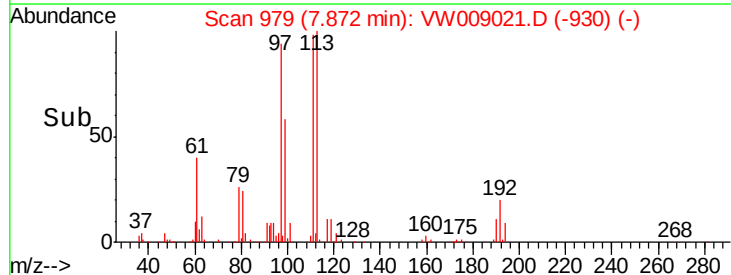
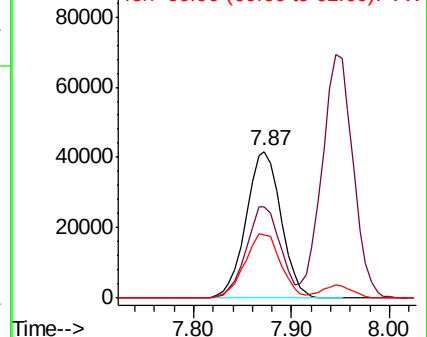
97 100

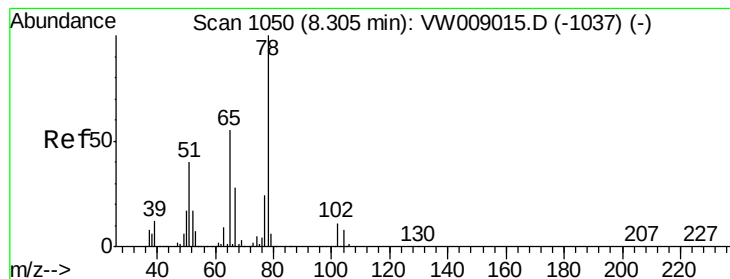
99 60.6 51.4 77.0

61 45.1 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: 56.700 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VW009021.D

Acq: 06 Mar 2019 17:55

Instrument :

MSVOA_W

ClientSampleId :

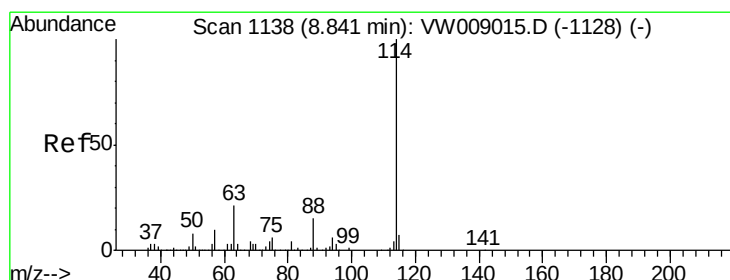
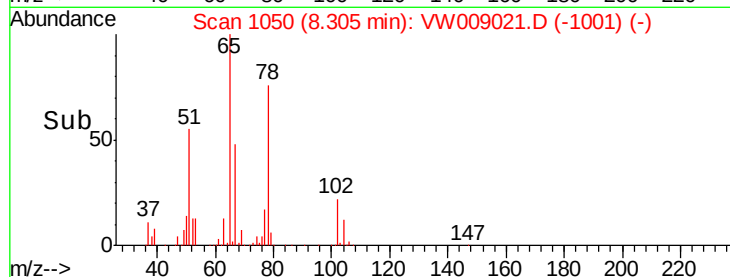
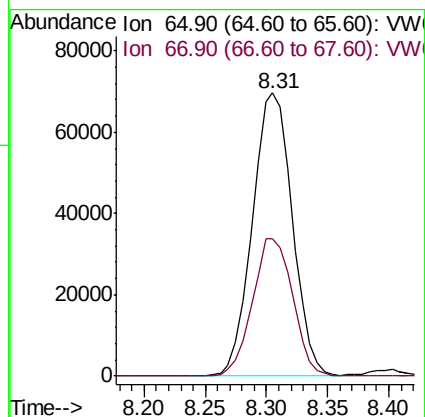
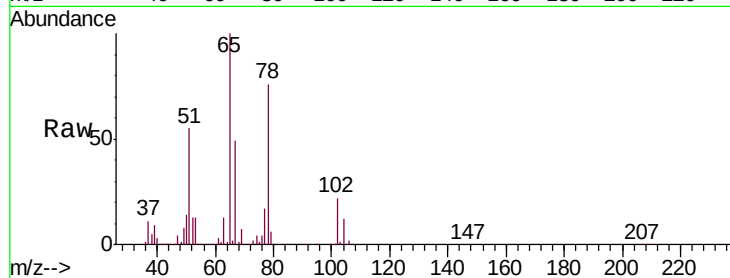
VW0306SBSD01

Tgt Ion: 65 Resp: 158432

Ion Ratio Lower Upper

65 100

67 49.2 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: VW009021.D

Acq: 06 Mar 2019 17:55

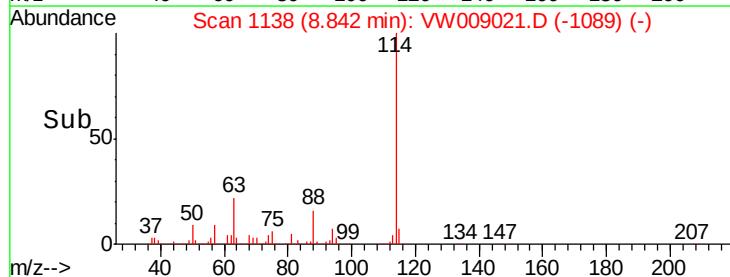
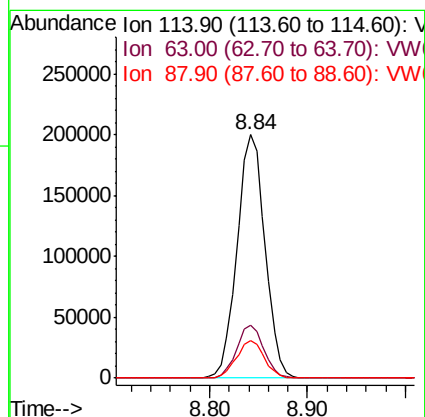
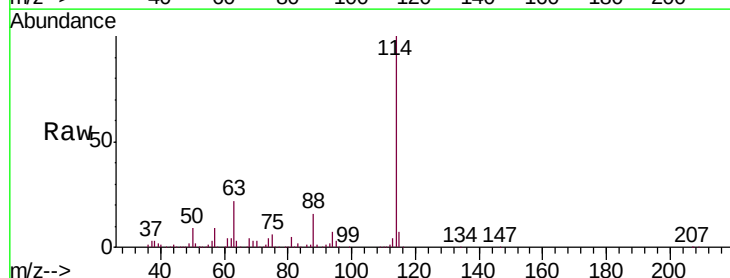
Tgt Ion: 114 Resp: 395954

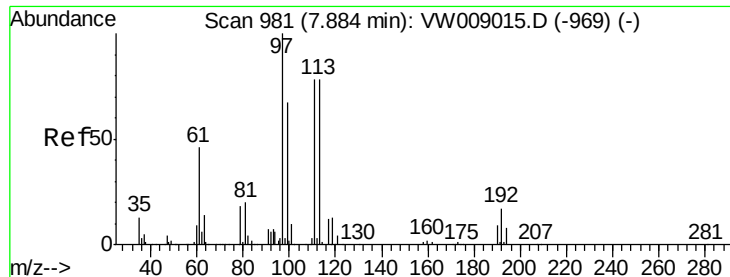
Ion Ratio Lower Upper

114 100

63 21.7 0.0 42.4

88 15.6 0.0 30.8





#35

Dibromofluoromethane

Concen: 56.581 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.00 min

Lab File: VW009021.D

Acq: 06 Mar 2019 17:55

Instrument :

MSVOA_W

ClientSampleId :

VW0306SBSD01

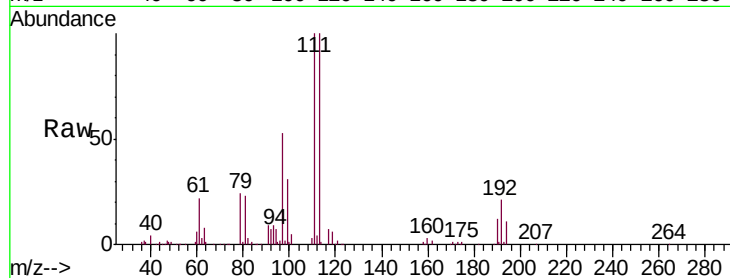
Tgt Ion:113 Resp: 134866

Ion Ratio Lower Upper

113 100

111 101.6 80.5 120.7

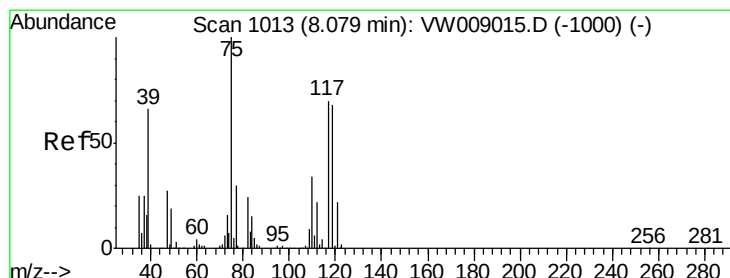
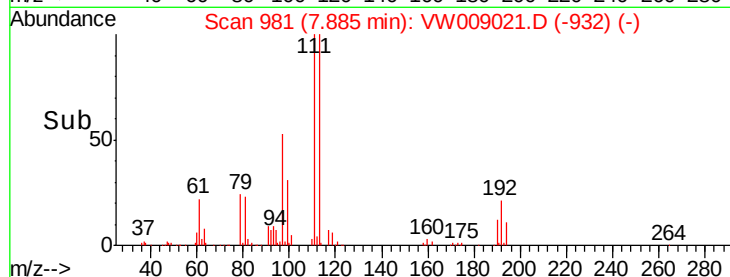
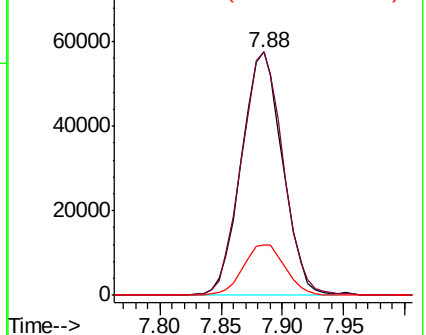
192 21.4 16.7 25.1



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: 23.068 ug/l

RT: 8.08 min Scan# 1013

Delta R.T. 0.00 min

Lab File: VW009021.D

Acq: 06 Mar 2019 17:55

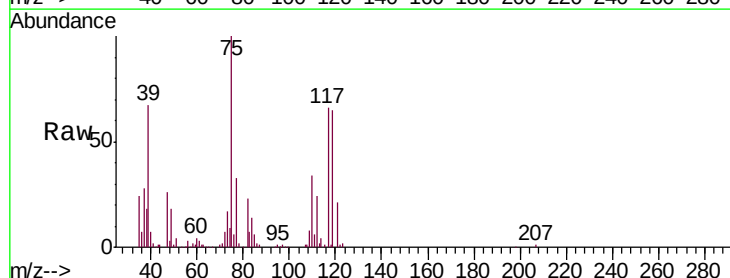
Tgt Ion: 75 Resp: 90820

Ion Ratio Lower Upper

75 100

110 35.2 17.3 51.9

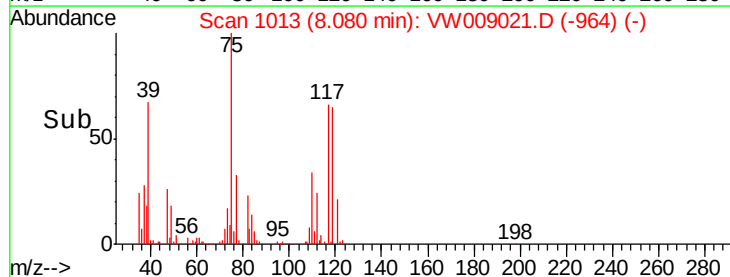
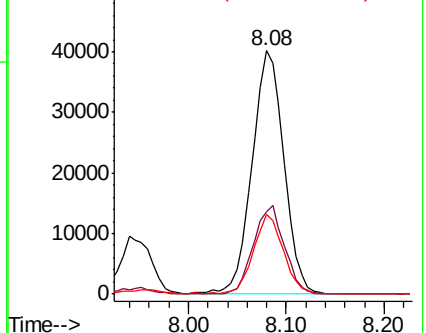
77 30.9 24.8 37.2

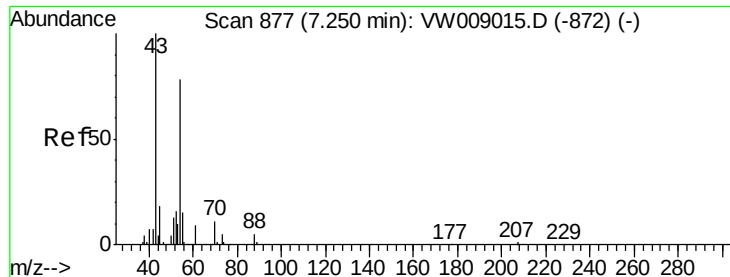


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW





#37

Ethyl Acetate

Concen: 23.694 ug/l

RT: 7.26 min Scan# 878

Delta R.T. 0.01 min

Lab File: VW009021.D

Acq: 06 Mar 2019 17:55

Instrument :

MSVOA_W

ClientSampleId :

VW0306SBSD01

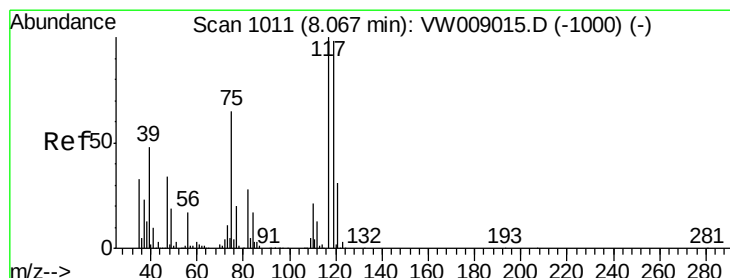
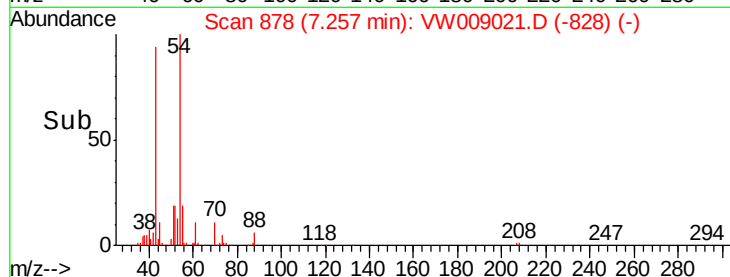
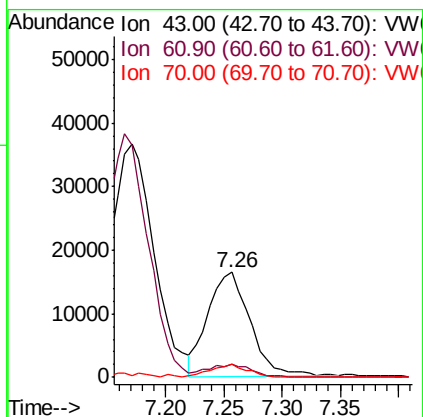
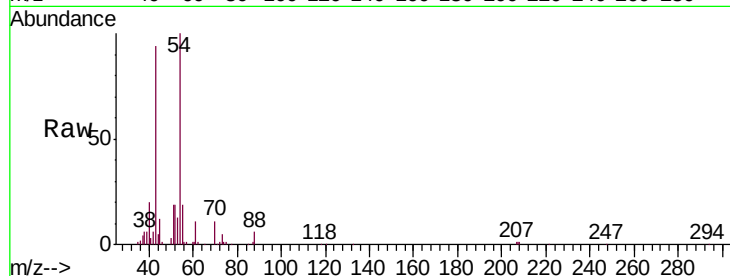
Tgt Ion: 43 Resp: 41261

Ion Ratio Lower Upper

43 100

61 13.0 10.6 15.8

70 11.0 7.8 11.8



#38

Carbon Tetrachloride

Concen: 22.074 ug/l

RT: 8.07 min Scan# 1011

Delta R.T. 0.00 min

Lab File: VW009021.D

Acq: 06 Mar 2019 17:55

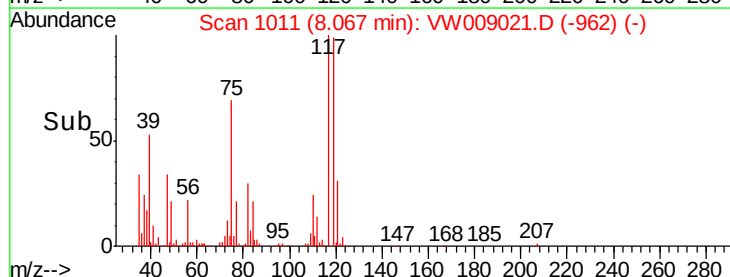
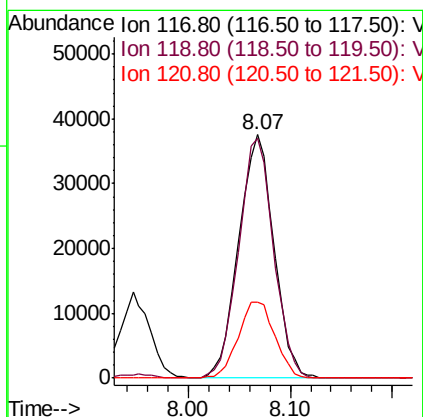
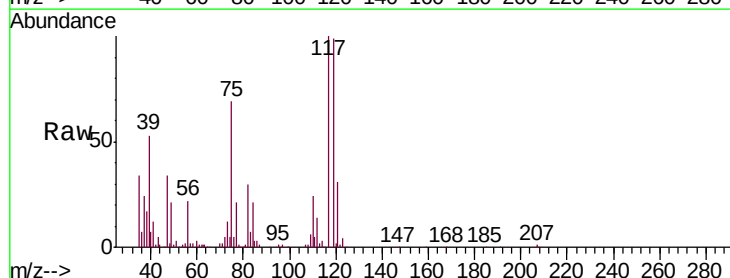
Tgt Ion: 117 Resp: 89935

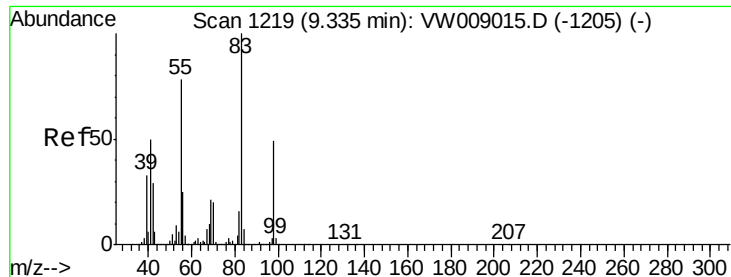
Ion Ratio Lower Upper

117 100

119 98.6 78.4 117.6

121 31.2 24.7 37.1

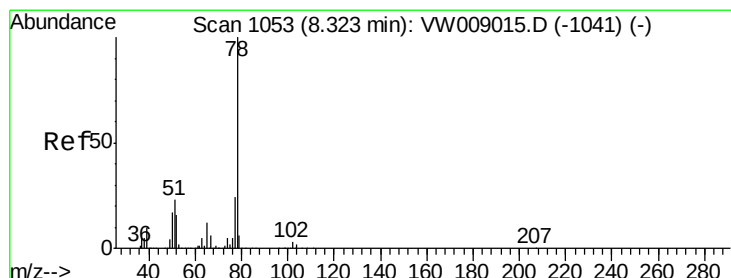
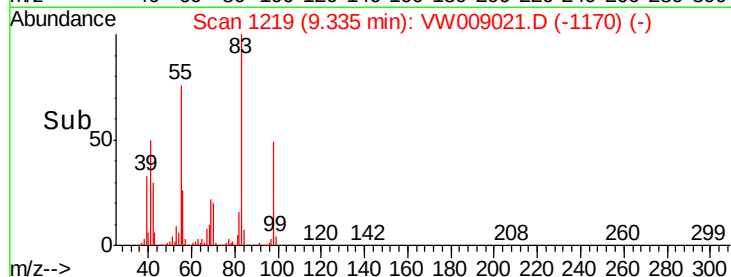
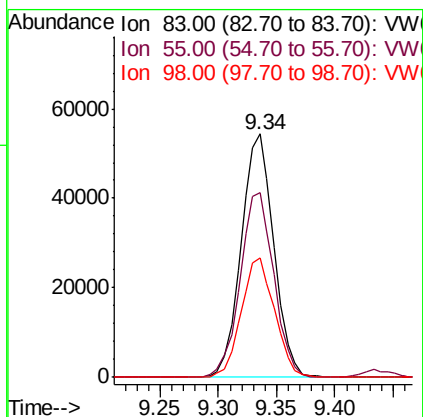
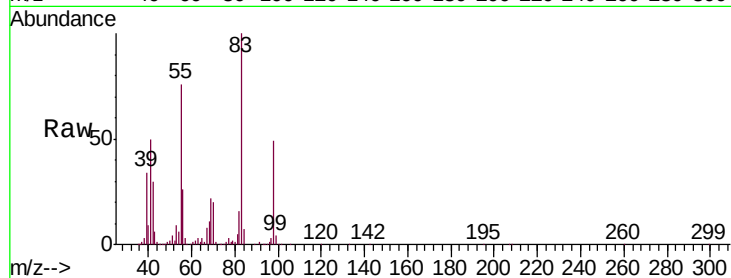




#39
Methylcyclohexane
Concen: 22.328 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. 0.00 min
Lab File: VW009021.D
Acq: 06 Mar 2019 17:55

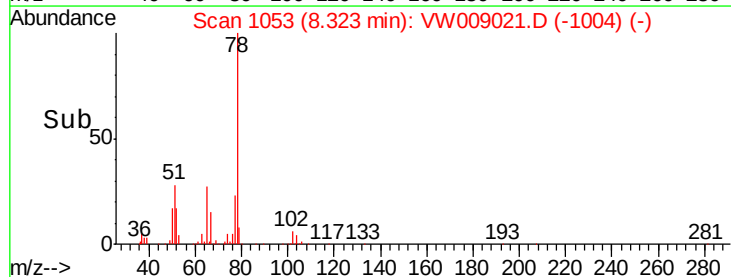
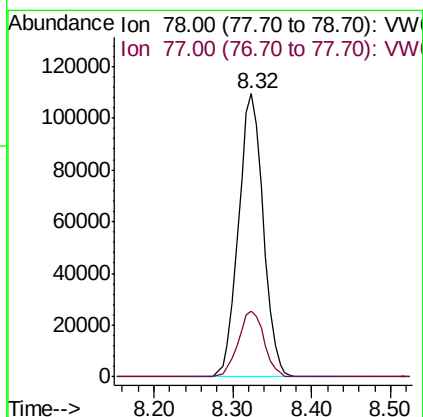
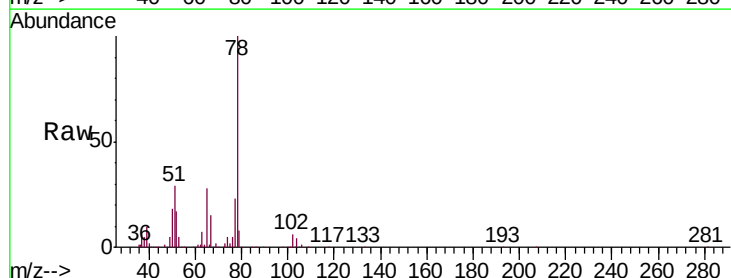
Instrument :
MSVOA_W
ClientSampled :
VW0306SBSD01

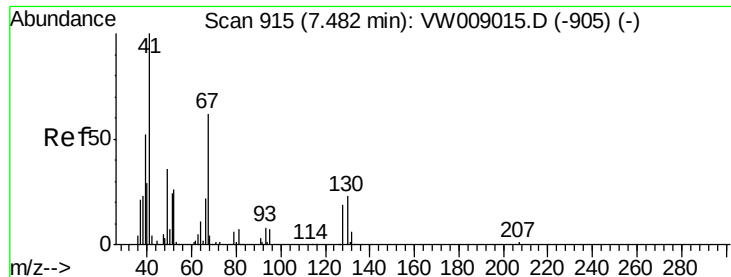
Tgt Ion: 83 Resp: 106197
Ion Ratio Lower Upper
83 100
55 75.6 62.6 93.8
98 49.0 39.4 59.2



#40
Benzene
Concen: 22.485 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. 0.00 min
Lab File: VW009021.D
Acq: 06 Mar 2019 17:55

Tgt Ion: 78 Resp: 238781
Ion Ratio Lower Upper
78 100
77 23.3 18.9 28.3

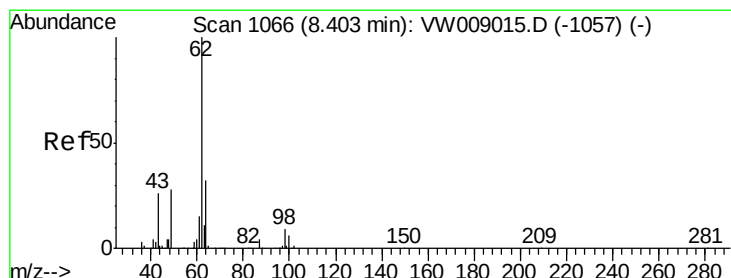
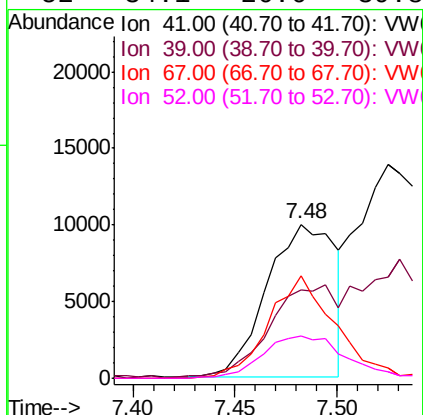
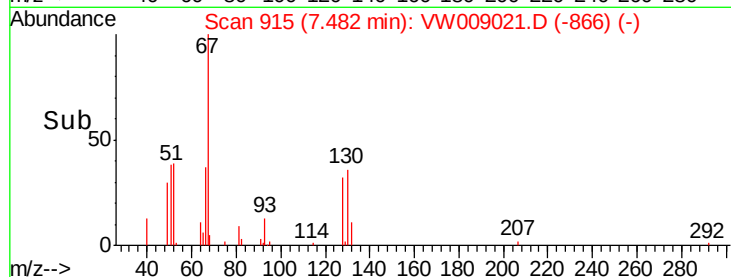
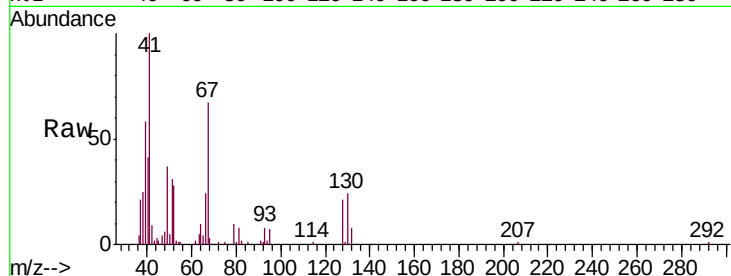




#41
Methacrylonitrile
Concen: 22.529 ug/l
RT: 7.48 min Scan# 915
Delta R.T. 0.00 min
Lab File: VW009021.D
Acq: 06 Mar 2019 17:55

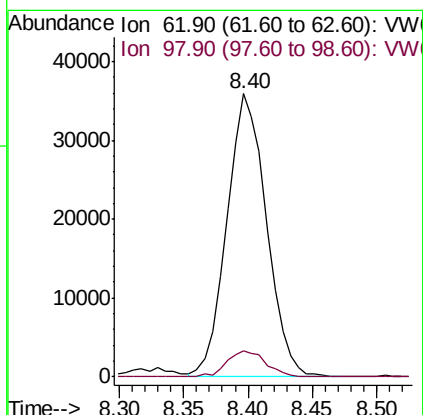
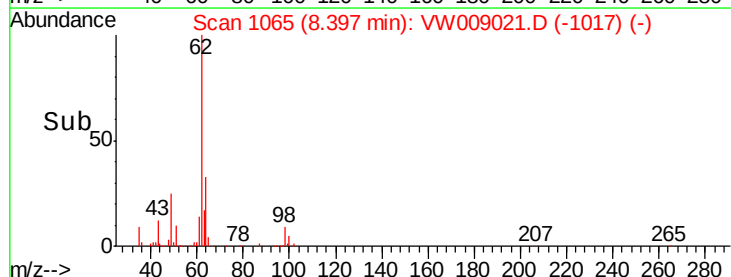
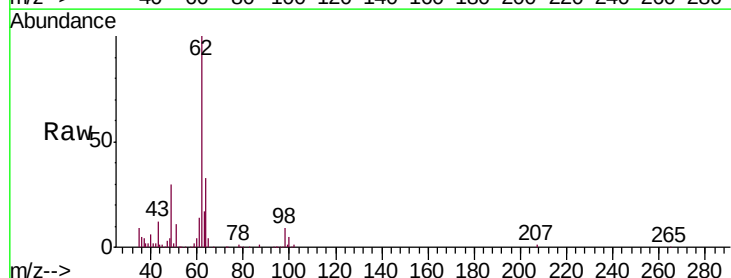
Instrument :
MSVOA_W
ClientSampleId :
VW0306SBSD01

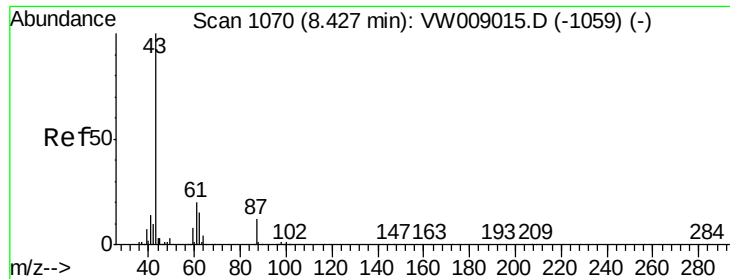
Tgt Ion:	41	Resp:	23271
Ion	Ratio	Lower	Upper
41	100		
39	60.2	50.6	75.8
67	66.2	59.0	88.6
52	34.1	26.6	39.8



#42
1,2-Dichloroethane
Concen: 22.538 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. -0.01 min
Lab File: VW009021.D
Acq: 06 Mar 2019 17:55

Tgt Ion:	62	Resp:	76816
Ion	Ratio	Lower	Upper
62	100		
98	9.2	0.0	17.8





#43

Isopropyl Acetate

Concen: 23.668 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. 0.00 min

Lab File: VW009021.D

Acq: 06 Mar 2019 17:55

Instrument :

MSVOA_W

ClientSampleId :

VW0306SBSD01

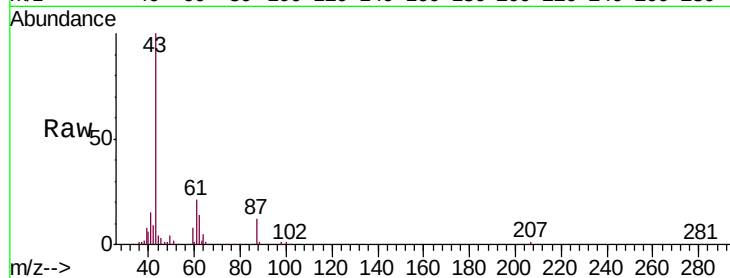
Tgt Ion: 43 Resp: 81022

Ion Ratio Lower Upper

43 100

61 29.3 23.5 35.3

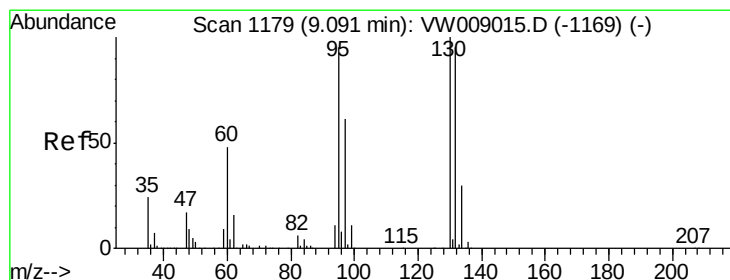
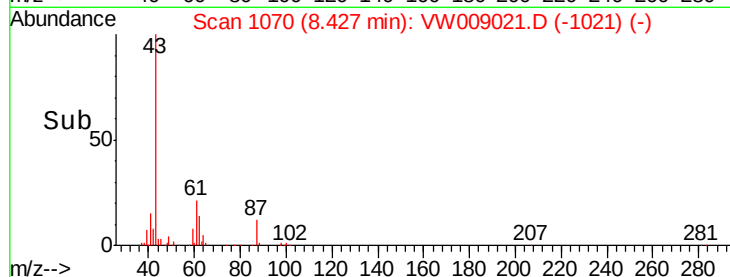
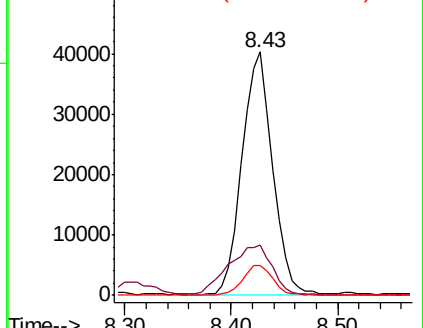
87 12.6 9.4 14.2



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: 22.660 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. 0.00 min

Lab File: VW009021.D

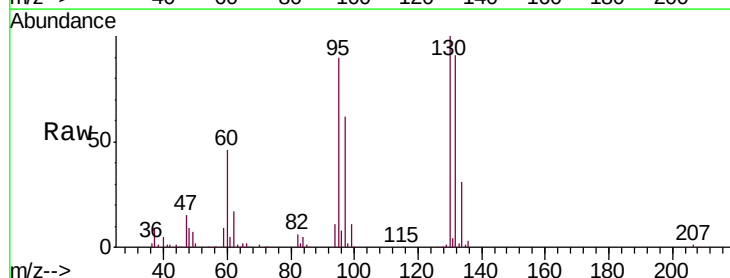
Acq: 06 Mar 2019 17:55

Tgt Ion: 130 Resp: 67096

Ion Ratio Lower Upper

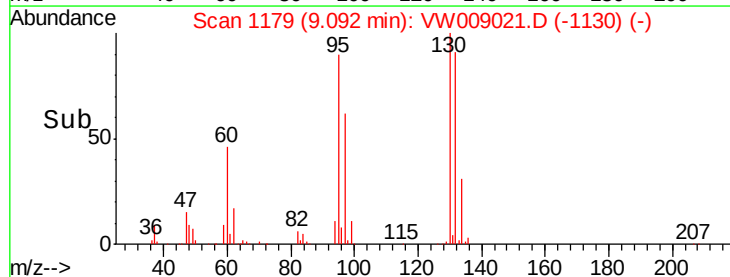
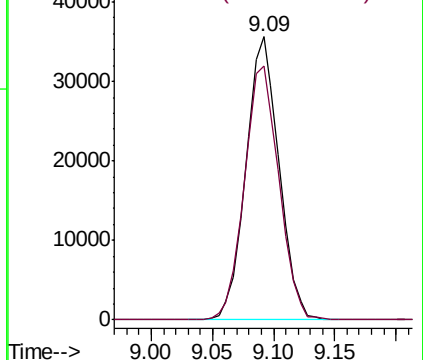
130 100

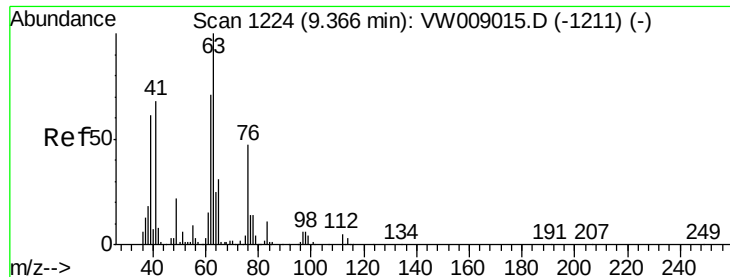
95 89.6 0.0 190.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VW

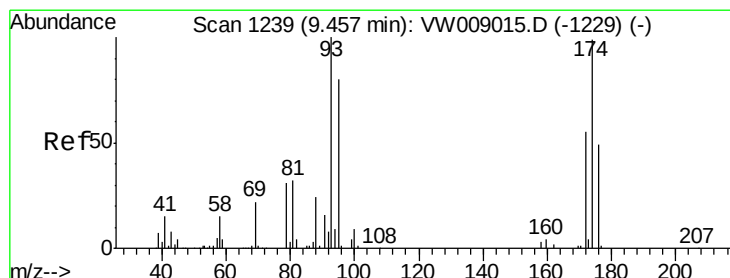
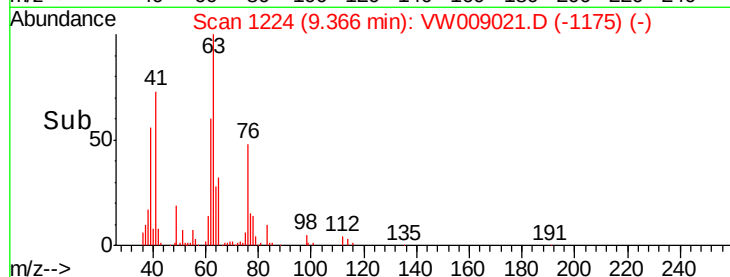
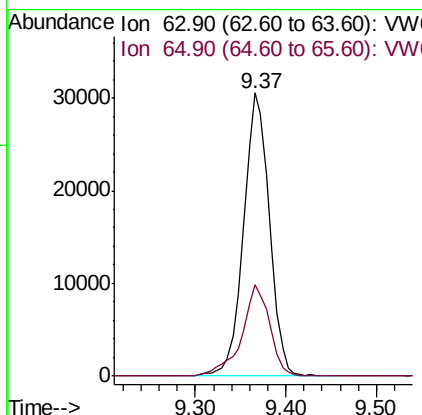
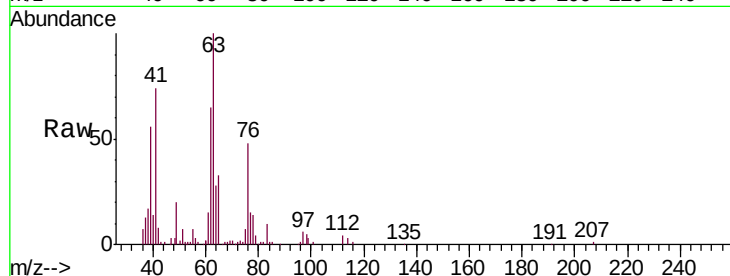




#45
 1,2-Dichloropropane
 Concen: 22.861 ug/l
 RT: 9.37 min Scan# 1224
 Delta R.T. 0.00 min
 Lab File: VW009021.D
 Acq: 06 Mar 2019 17:55

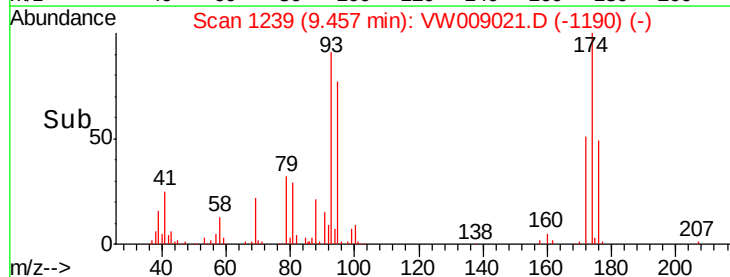
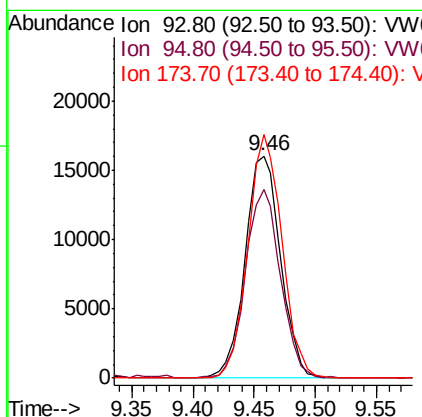
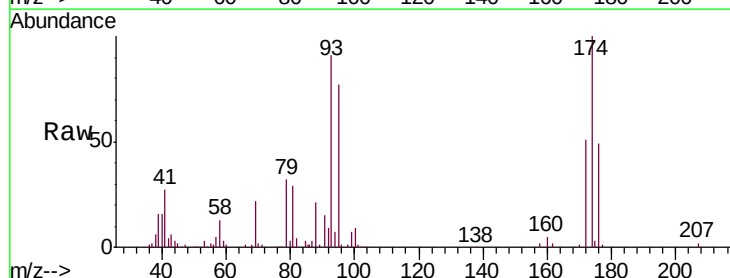
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0306SBSD01

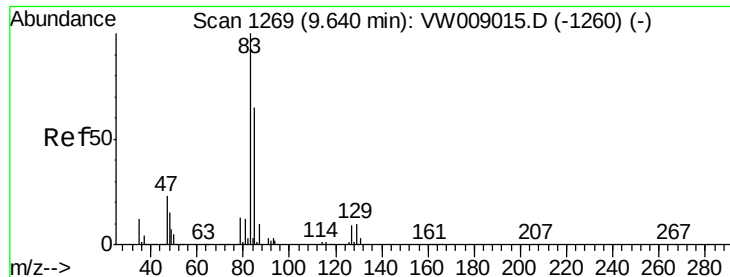
Tgt Ion: 63 Resp: 60184
 Ion Ratio Lower Upper
 63 100
 65 32.5 25.0 37.4



#46
 Dibromomethane
 Concen: 22.279 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. 0.00 min
 Lab File: VW009021.D
 Acq: 06 Mar 2019 17:55

Tgt Ion: 93 Resp: 32357
 Ion Ratio Lower Upper
 93 100
 95 83.9 64.1 96.1
 174 105.3 81.3 121.9





#47

Bromodichloromethane

Concen: 22.379 ug/l

RT: 9.64 min Scan# 1269

Delta R.T. 0.00 min

Lab File: VW009021.D

Acq: 06 Mar 2019 17:55

Instrument :

MSVOA_W

ClientSampleId :

VW0306SBSD01

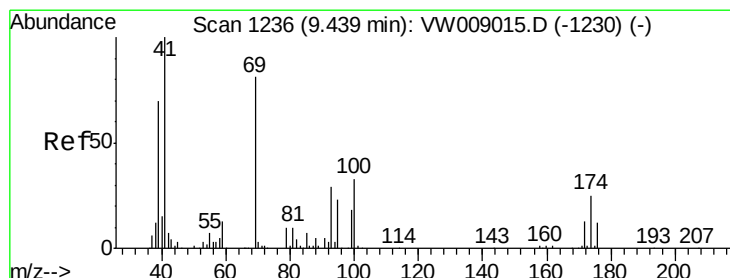
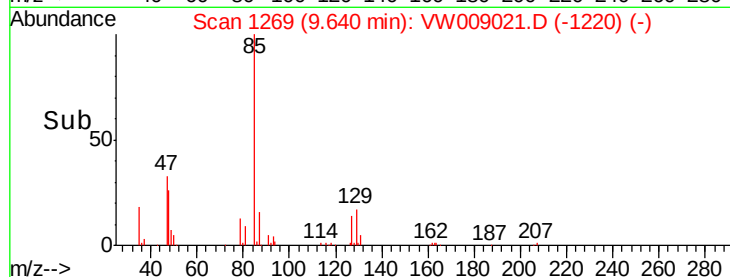
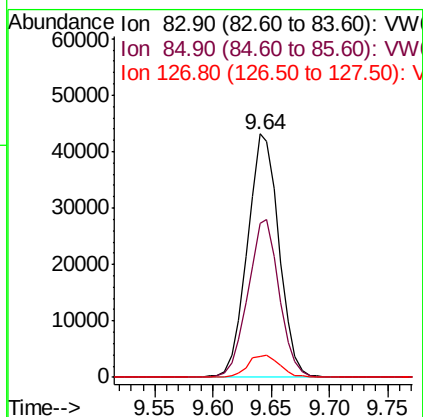
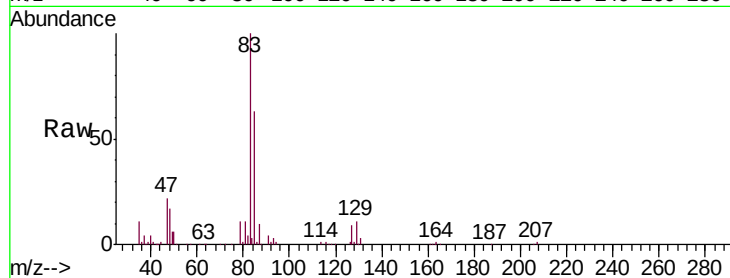
Tgt Ion: 83 Resp: 81479

Ion Ratio Lower Upper

83 100

85 63.3 51.9 77.9

127 8.6 7.0 10.6



#48

Methyl methacrylate

Concen: 22.480 ug/l

RT: 9.43 min Scan# 1235

Delta R.T. -0.01 min

Lab File: VW009021.D

Acq: 06 Mar 2019 17:55

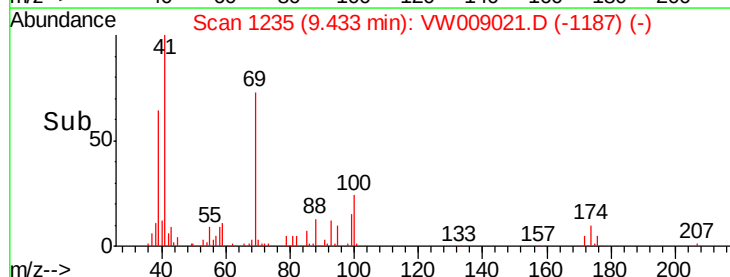
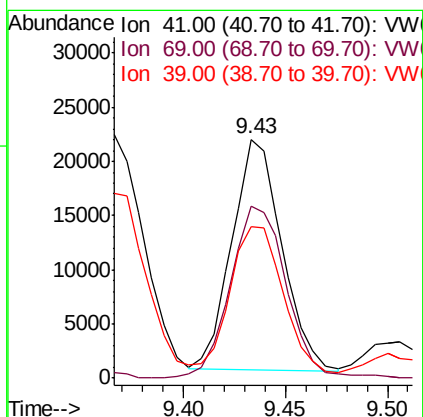
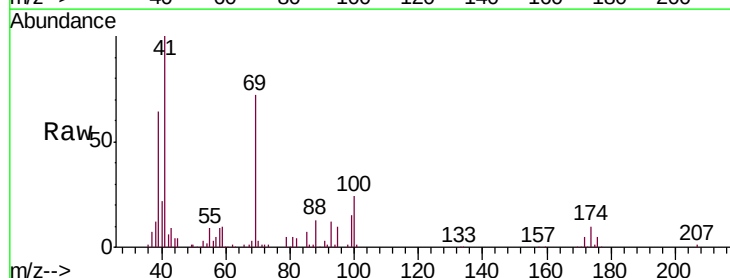
Tgt Ion: 41 Resp: 36364

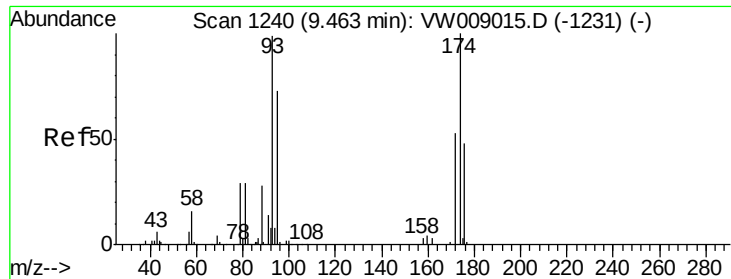
Ion Ratio Lower Upper

41 100

69 83.5 61.8 92.6

39 66.6 50.5 75.7





#49

1,4-Dioxane

Concen: 491.829 ug/l

RT: 9.45 min Scan# 1237

Delta R.T. -0.02 min

Lab File: VW009021.D

Acq: 06 Mar 2019 17:55

Instrument :

MSVOA_W

ClientSampleId :

VW0306SBSD01

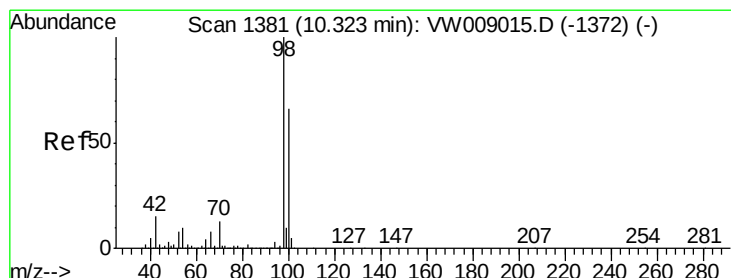
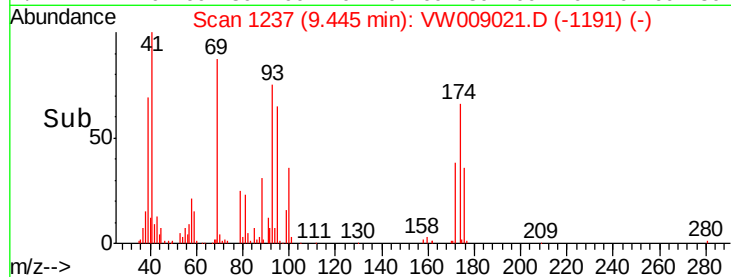
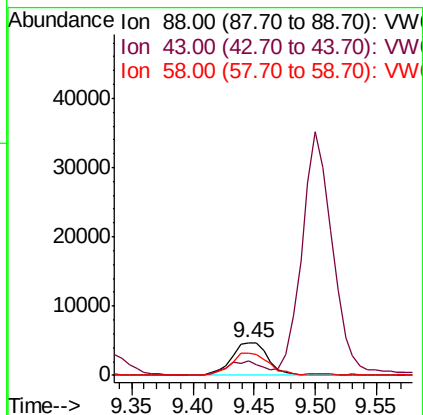
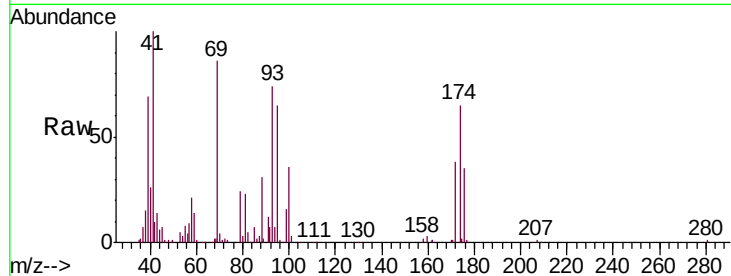
Tgt Ion: 88 Resp: 9765

Ion Ratio Lower Upper

88 100

43 42.6 0.0 0.0#

58 70.0 55.0 82.6



#50

Toluene-d8

Concen: 57.617 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW009021.D

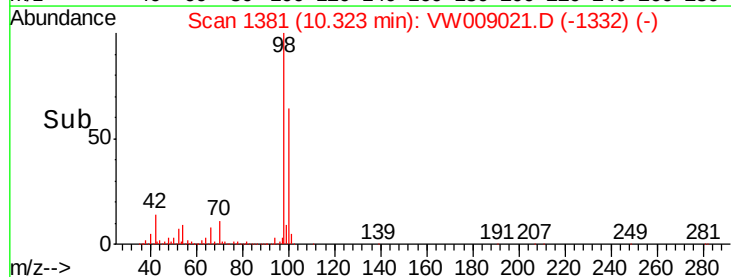
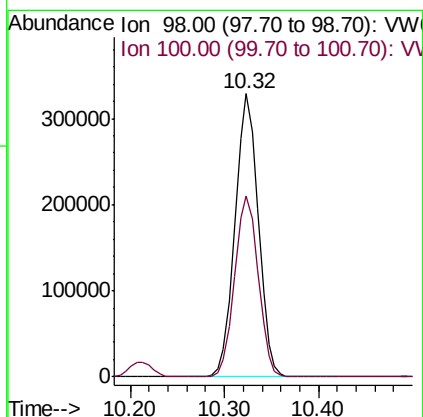
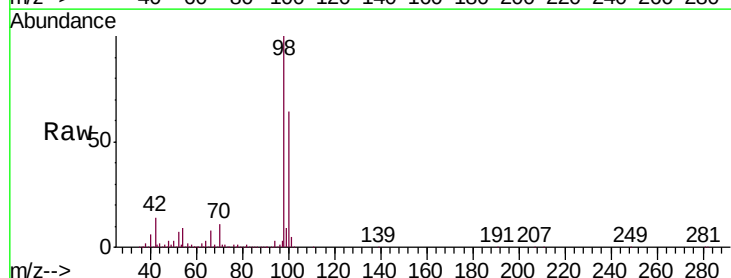
Acq: 06 Mar 2019 17:55

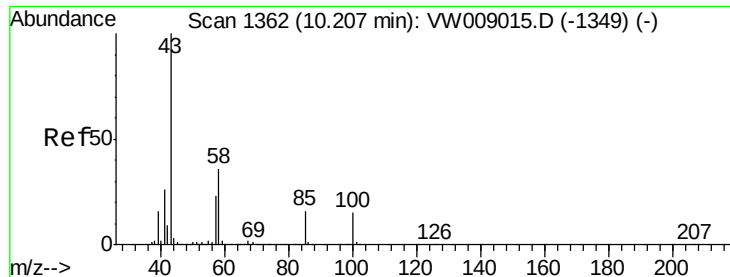
Tgt Ion: 98 Resp: 564374

Ion Ratio Lower Upper

98 100

100 65.0 52.9 79.3

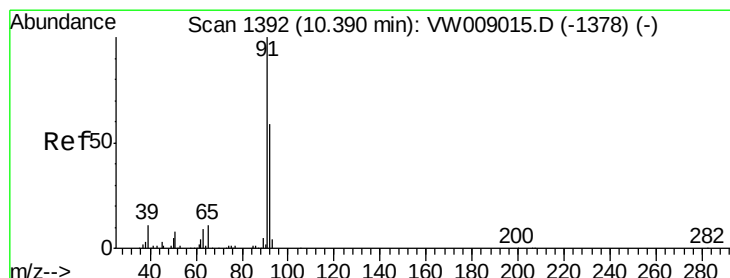
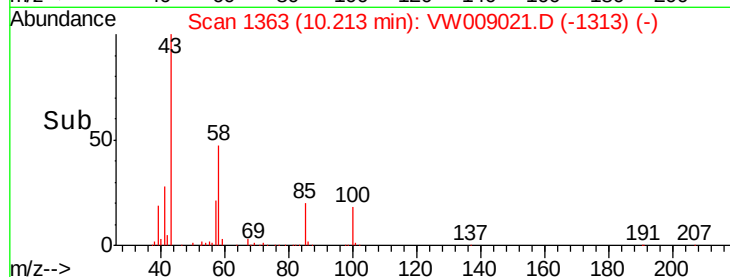
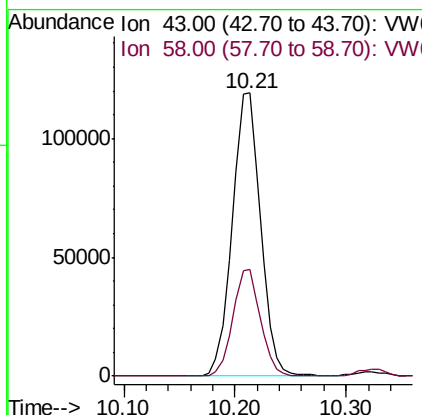
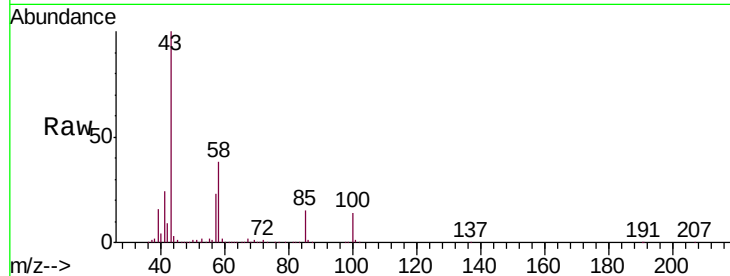




#51
 4-Methyl-2-Pentanone
 Concen: 120.700 ug/l
 RT: 10.21 min Scan# 1363
 Delta R.T. 0.01 min
 Lab File: VW009021.D
 Acq: 06 Mar 2019 17:55

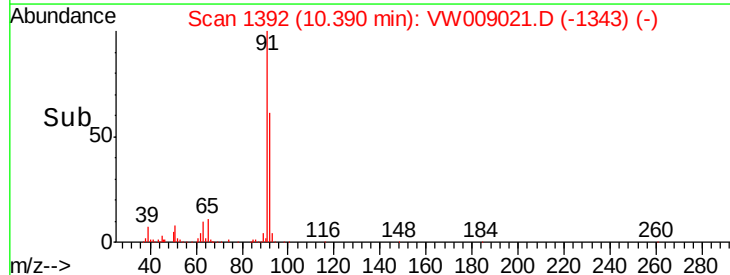
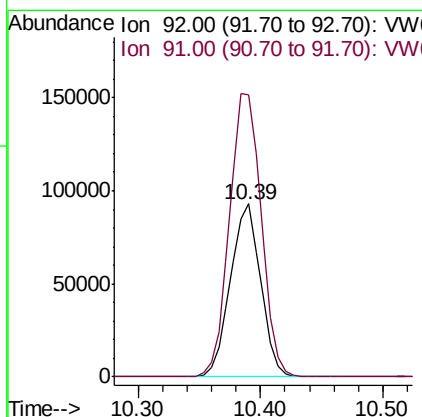
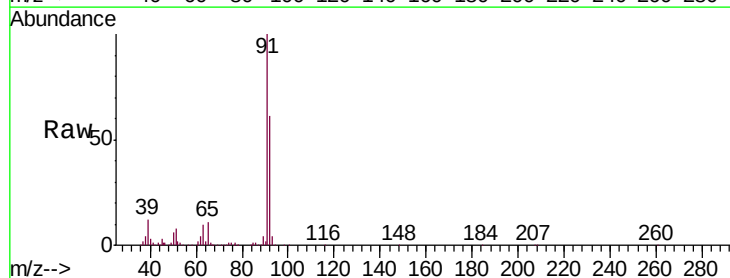
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0306SBSD01

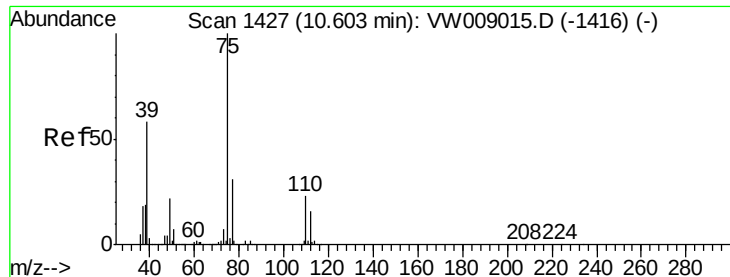
Tgt Ion: 43 Resp: 208948
 Ion Ratio Lower Upper
 43 100
 58 36.8 29.0 43.4



#52
 Toluene
 Concen: 22.161 ug/l
 RT: 10.39 min Scan# 1392
 Delta R.T. 0.00 min
 Lab File: VW009021.D
 Acq: 06 Mar 2019 17:55

Tgt Ion: 92 Resp: 158873
 Ion Ratio Lower Upper
 92 100
 91 172.1 138.1 207.1





#53

t-1,3-Dichloropropene

Concen: 23.084 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. 0.00 min

Lab File: VW009021.D

Acq: 06 Mar 2019 17:55

Instrument :

MSVOA_W

ClientSampleId :

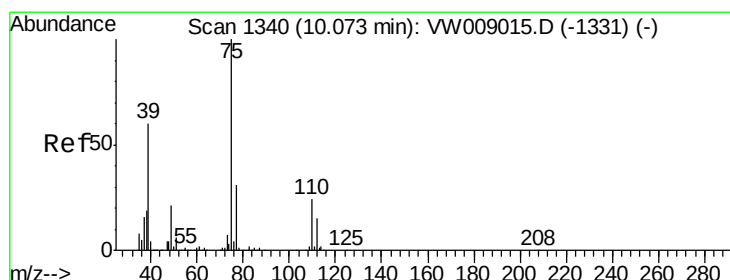
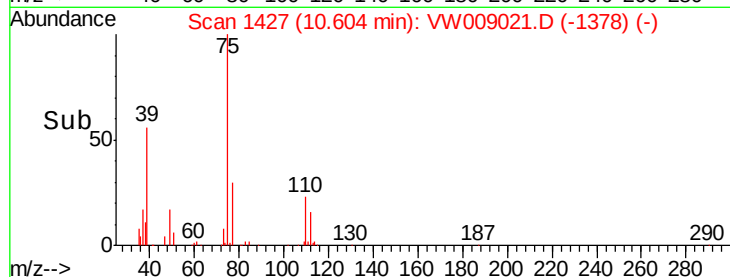
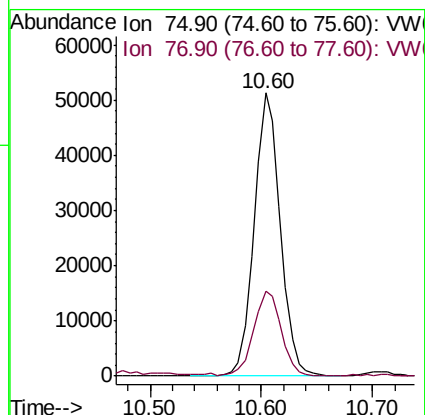
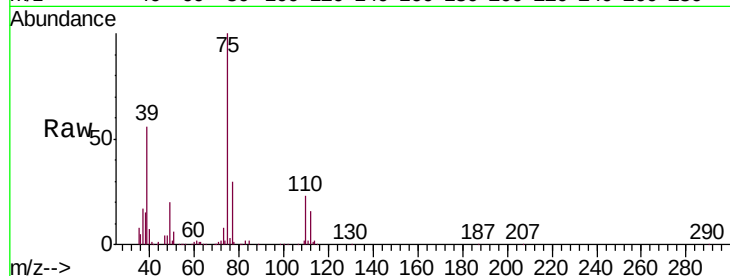
VW0306SBSD01

Tgt Ion: 75 Resp: 83372

Ion Ratio Lower Upper

75 100

77 29.6 24.8 37.2



#54

cis-1,3-Dichloropropene

Concen: 23.062 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. 0.00 min

Lab File: VW009021.D

Acq: 06 Mar 2019 17:55

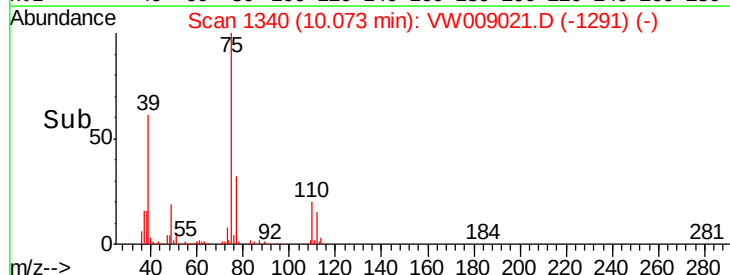
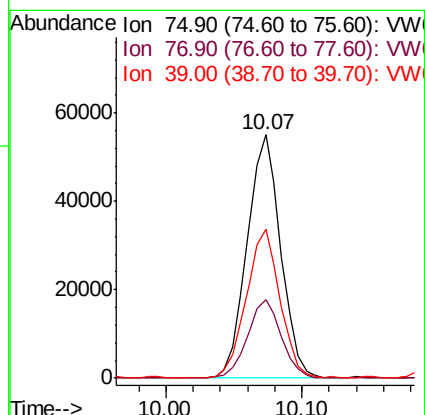
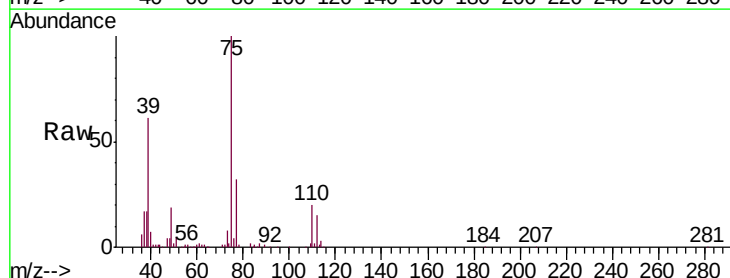
Tgt Ion: 75 Resp: 95085

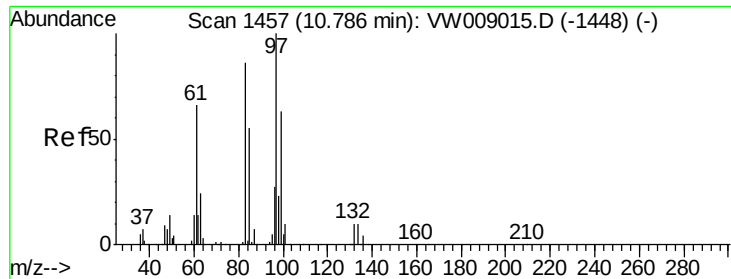
Ion Ratio Lower Upper

75 100

77 32.3 25.0 37.4

39 61.0 48.2 72.2

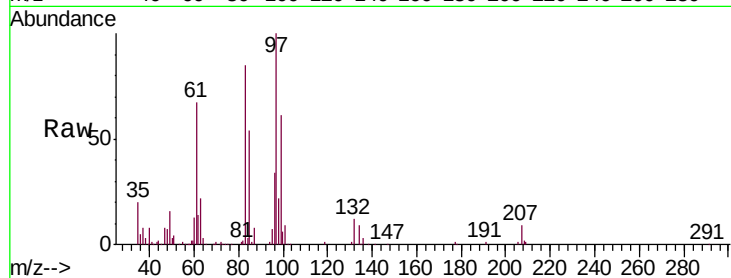




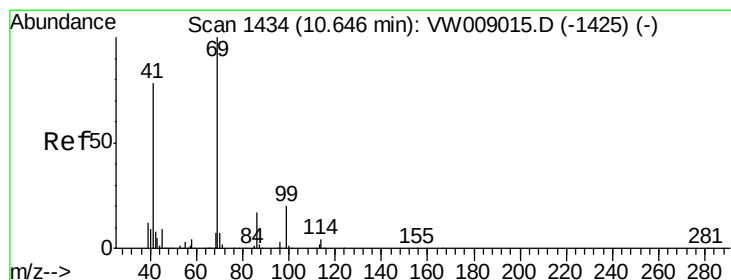
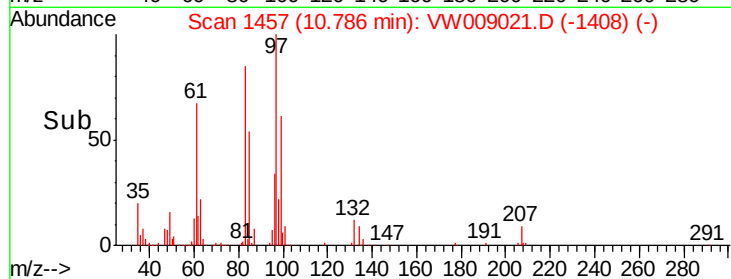
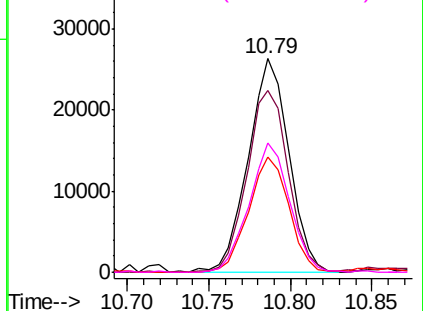
#55
 1,1,2-Trichloroethane
 Concen: 23.152 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. 0.00 min
 Lab File: VW009021.D
 Acq: 06 Mar 2019 17:55

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0306SBS01

Tgt Ion: 97 Resp: 45670
 Ion Ratio Lower Upper
 97 100
 83 85.0 68.8 103.2
 85 54.0 43.7 65.5
 99 60.8 50.1 75.1

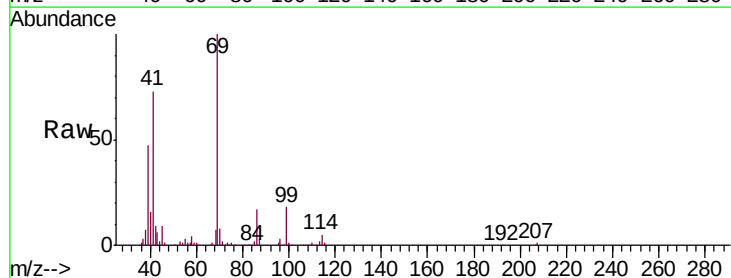


Abundance Ion 96.90 (96.60 to 97.60): VW
 Ion 82.90 (82.60 to 83.60): VW
 Ion 84.90 (84.60 to 85.60): VW
 Ion 98.90 (98.60 to 99.60): VW

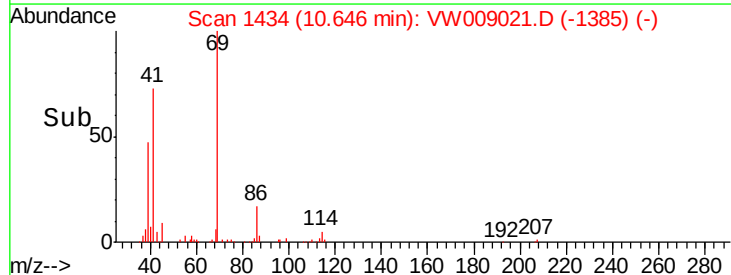
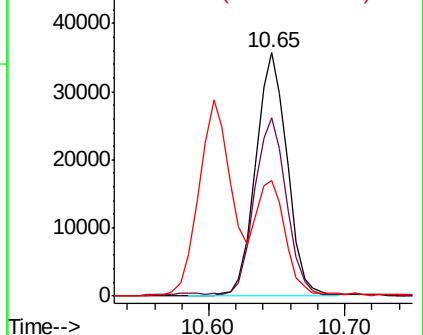


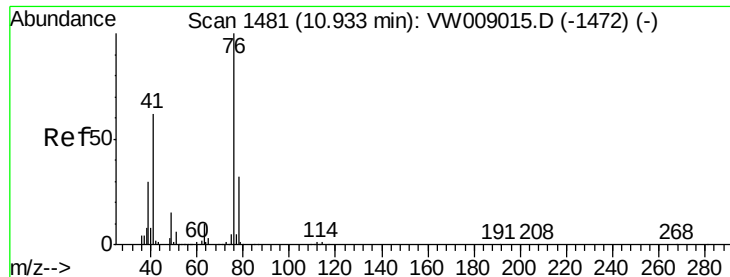
#56
 Ethyl methacrylate
 Concen: 23.807 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: VW009021.D
 Acq: 06 Mar 2019 17:55

Tgt Ion: 69 Resp: 58091
 Ion Ratio Lower Upper
 69 100
 41 72.4 58.9 88.3
 39 42.8 37.6 56.4



Abundance Ion 69.00 (68.70 to 69.70): VW
 Ion 41.00 (40.70 to 41.70): VW
 Ion 39.00 (38.70 to 39.70): VW





#57

1,3-Dichloropropane

Concen: 23.353 ug/l

RT: 10.93 min Scan# 1481

Delta R.T. 0.00 min

Lab File: VW009021.D

Acq: 06 Mar 2019 17:55

Instrument :

MSVOA_W

ClientSampleId :

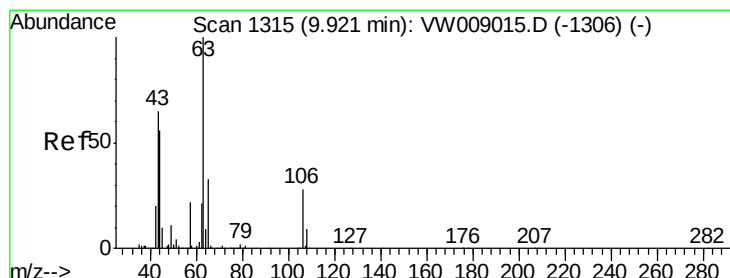
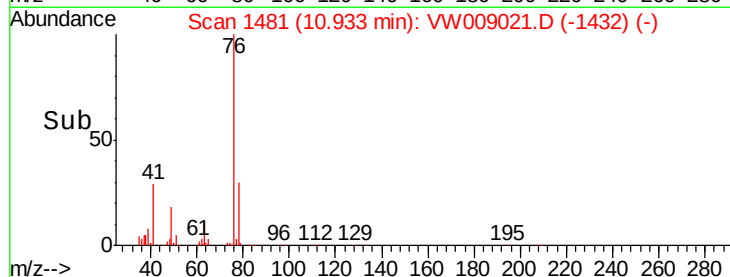
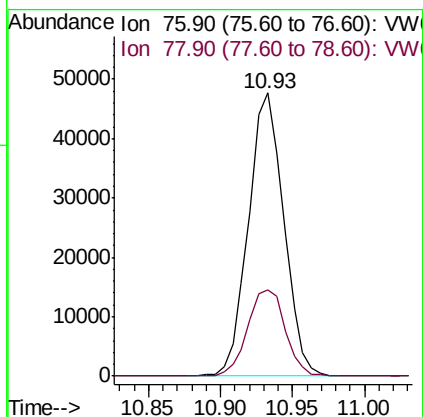
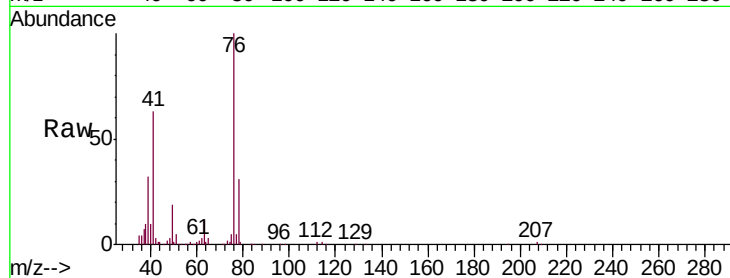
VW0306SBSD01

Tgt Ion: 76 Resp: 81009

Ion Ratio Lower Upper

76 100

78 32.4 25.6 38.4



#58

2-Chloroethyl Vinyl ether

Concen: 115.393 ug/l

RT: 9.92 min Scan# 1315

Delta R.T. 0.00 min

Lab File: VW009021.D

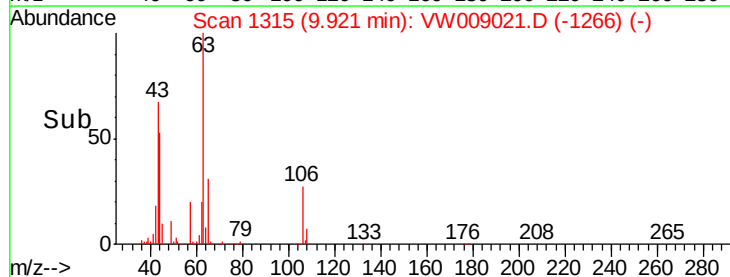
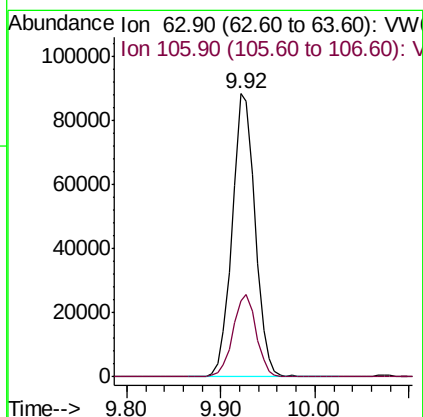
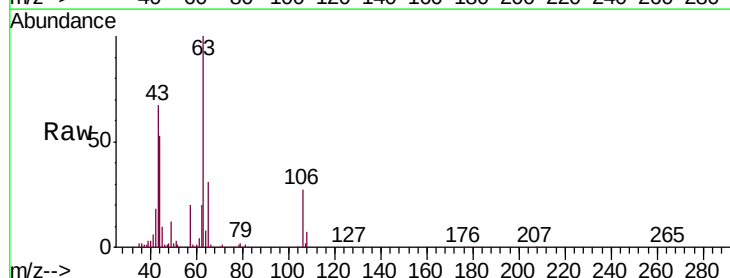
Acq: 06 Mar 2019 17:55

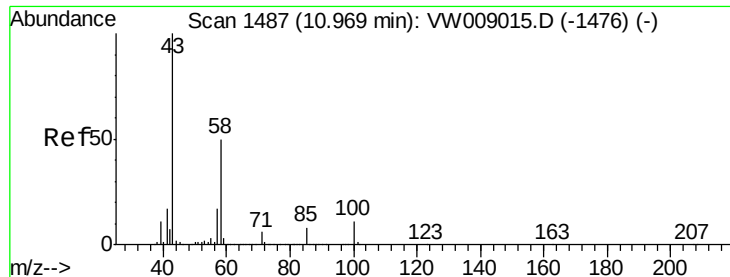
Tgt Ion: 63 Resp: 149407

Ion Ratio Lower Upper

63 100

106 29.3 23.0 34.6





#59

2-Hexanone

Concen: 124.092 ug/l

RT: 10.97 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VW009021.D

Acq: 06 Mar 2019 17:55

Instrument :

MSVOA_W

ClientSampleId :

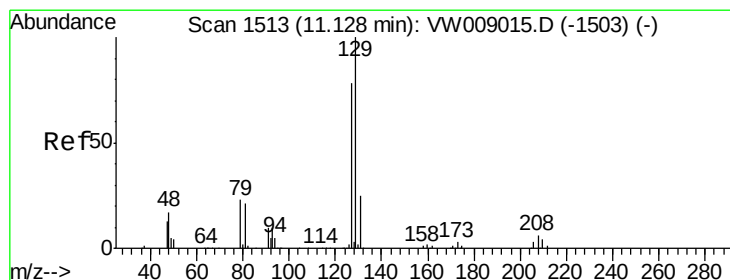
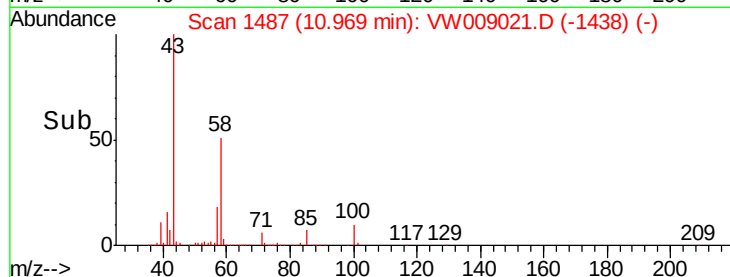
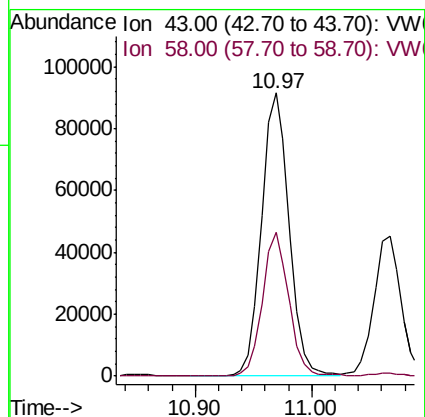
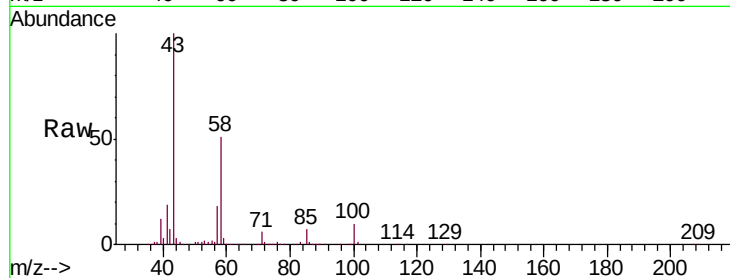
VW0306SBS01

Tgt Ion: 43 Resp: 151019

Ion Ratio Lower Upper

43 100

58 48.7 25.3 75.8



#60

Dibromochloromethane

Concen: 22.865 ug/l

RT: 11.13 min Scan# 1513

Delta R.T. 0.00 min

Lab File: VW009021.D

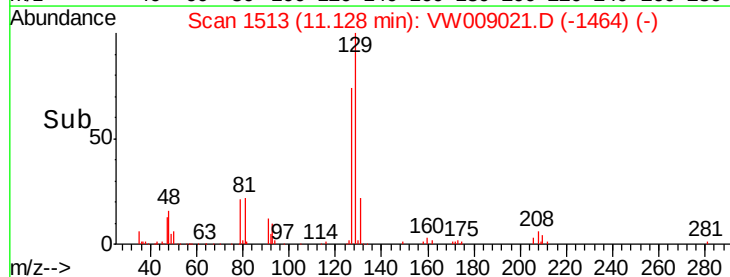
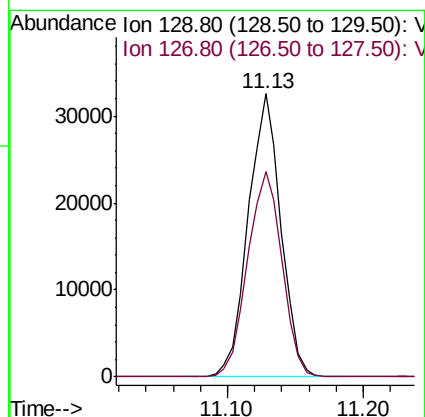
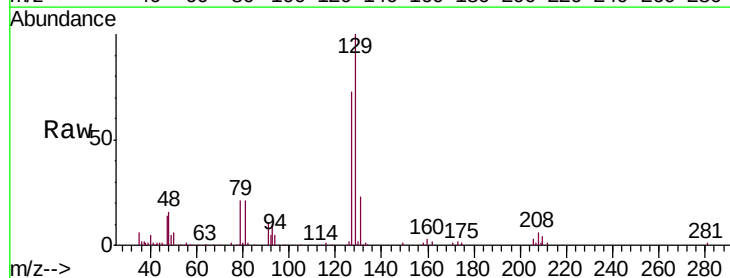
Acq: 06 Mar 2019 17:55

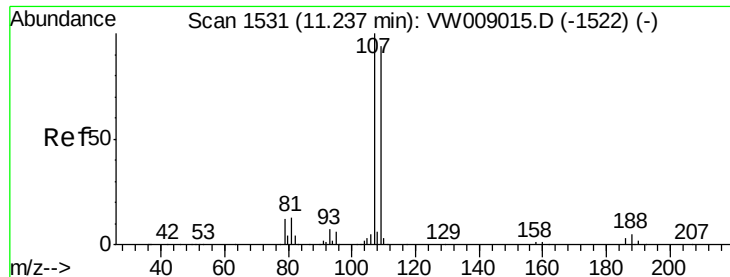
Tgt Ion: 129 Resp: 54784

Ion Ratio Lower Upper

129 100

127 76.7 39.0 116.9

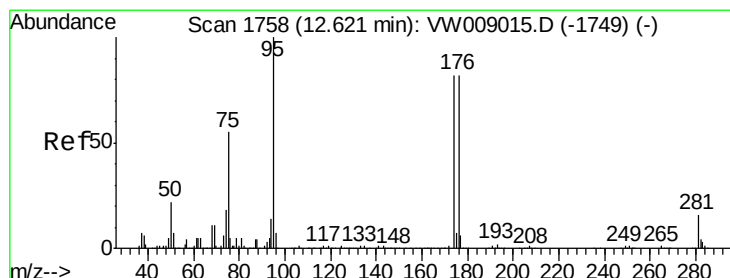
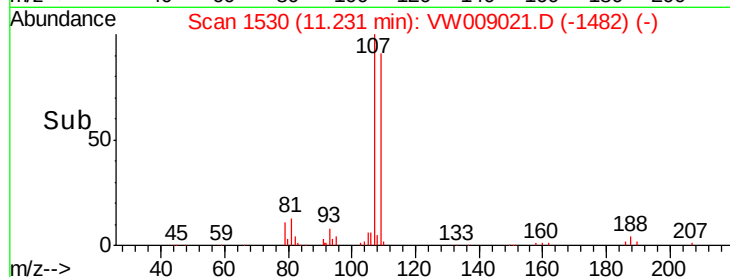
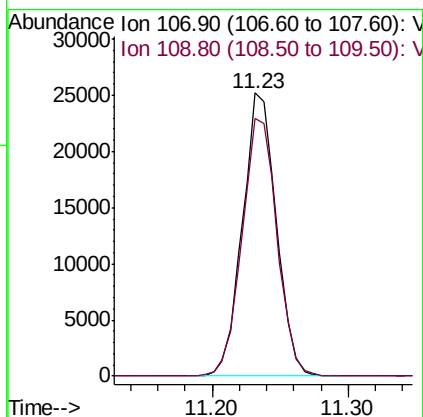
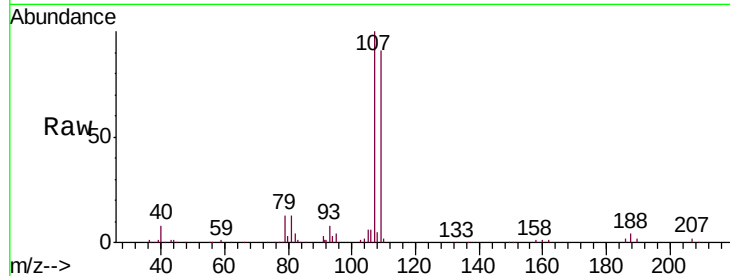




#61
 1,2-Dibromoethane
 Concen: 23.408 ug/l
 RT: 11.23 min Scan# 1530
 Delta R.T. -0.01 min
 Lab File: VW009021.D
 Acq: 06 Mar 2019 17:55

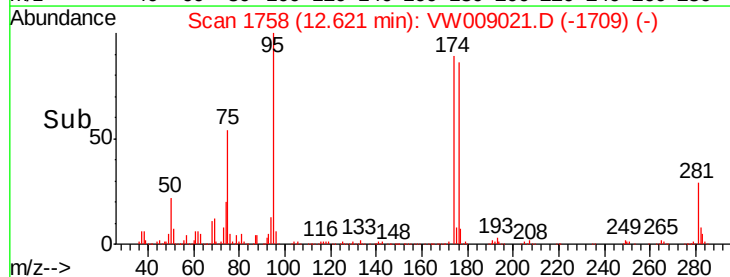
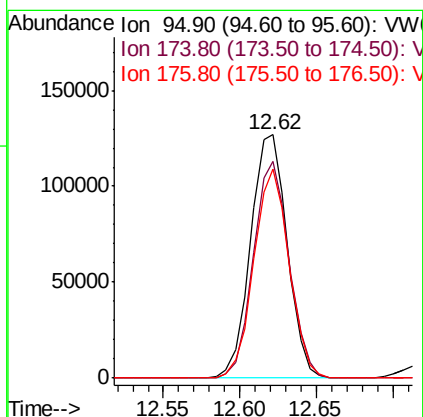
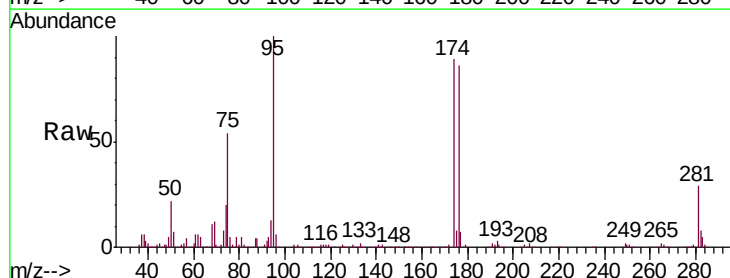
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0306SBSD01

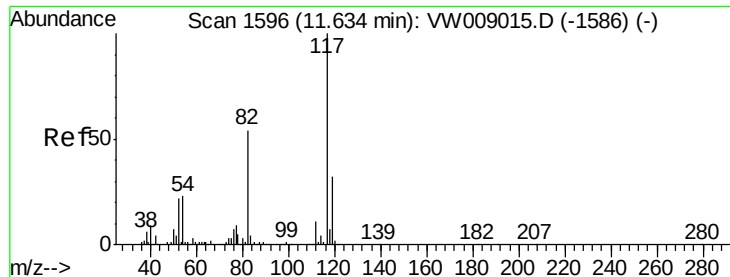
Tgt Ion: 107 Resp: 43766
 Ion Ratio Lower Upper
 107 100
 109 94.7 75.7 113.5



#62
 4-Bromofluorobenzene
 Concen: 55.929 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.00 min
 Lab File: VW009021.D
 Acq: 06 Mar 2019 17:55

Tgt Ion: 95 Resp: 211581
 Ion Ratio Lower Upper
 95 100
 174 86.6 0.0 165.8
 176 82.9 0.0 159.8

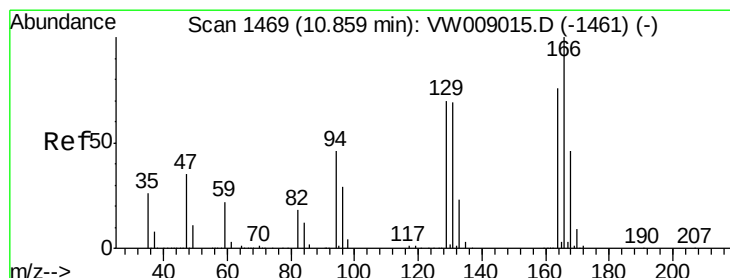
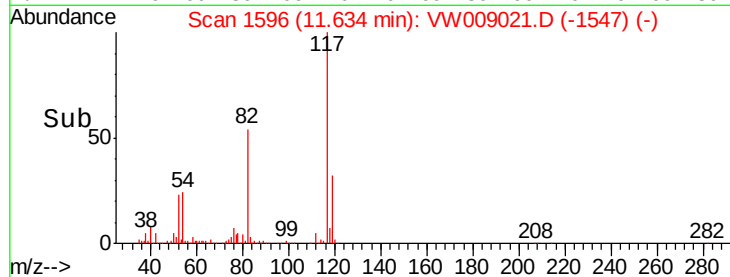
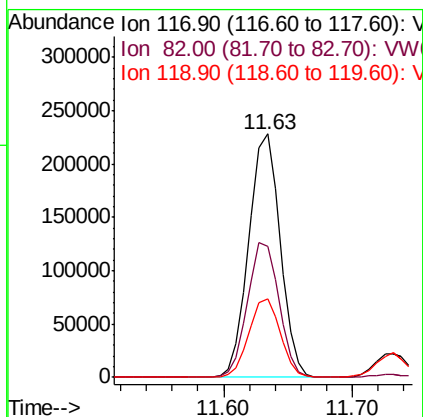
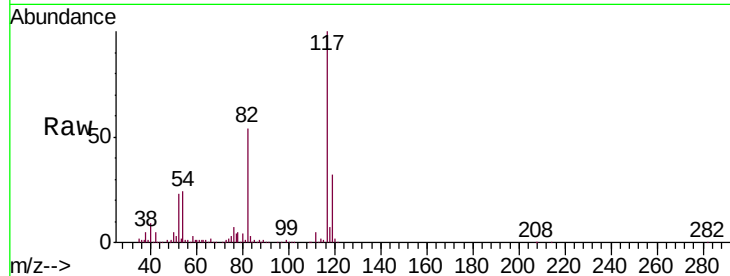




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW009021.D
Acq: 06 Mar 2019 17:55

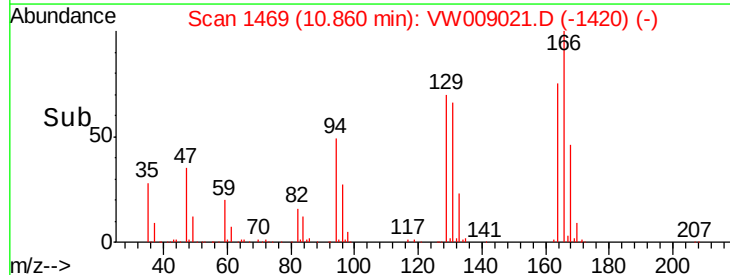
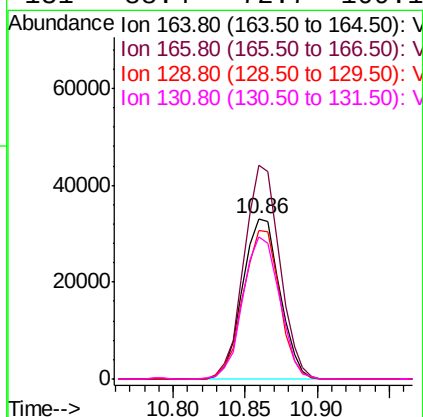
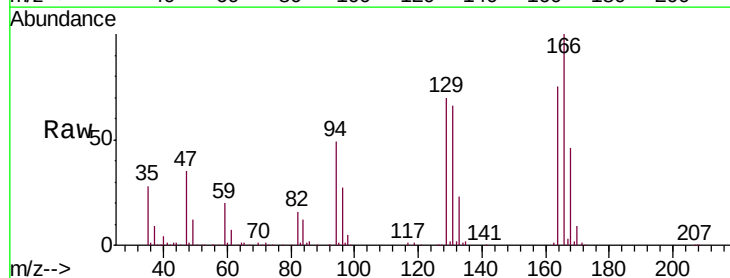
Instrument :
MSVOA_W
ClientSampleId :
VW0306SBSD01

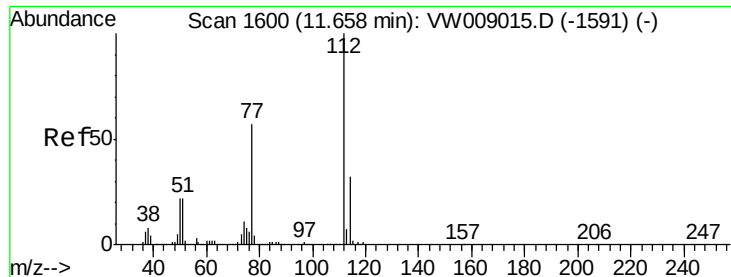
Tgt Ion:117 Resp: 383564
Ion Ratio Lower Upper
117 100
82 53.9 43.4 65.2
119 32.2 25.8 38.8



#64
Tetrachloroethene
Concen: 22.361 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VW009021.D
Acq: 06 Mar 2019 17:55

Tgt Ion:164 Resp: 59221
Ion Ratio Lower Upper
164 100
166 133.0 104.6 157.0
129 92.8 73.4 110.2
131 88.4 72.7 109.1





#65

Chlorobenzene

Concen: 22.312 ug/l

RT: 11.66 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VW009021.D

Acq: 06 Mar 2019 17:55

Instrument :

MSVOA_W

ClientSampleId :

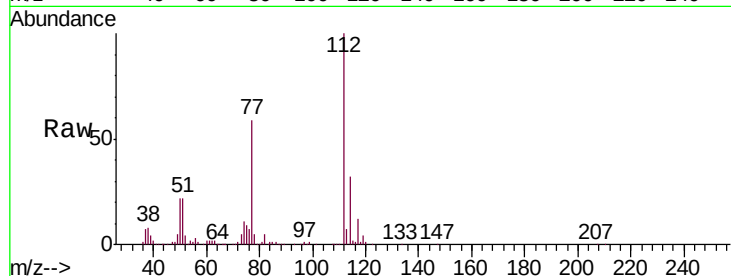
VW0306SBSD01

Tgt Ion:112 Resp: 177633

Ion Ratio Lower Upper

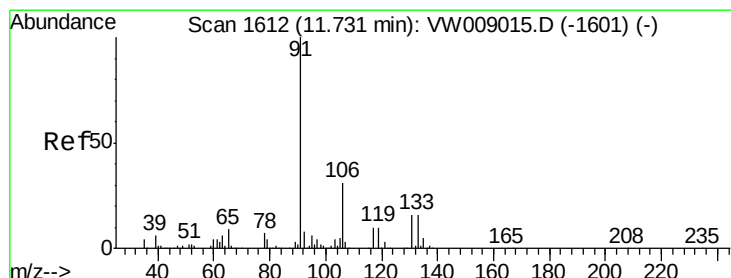
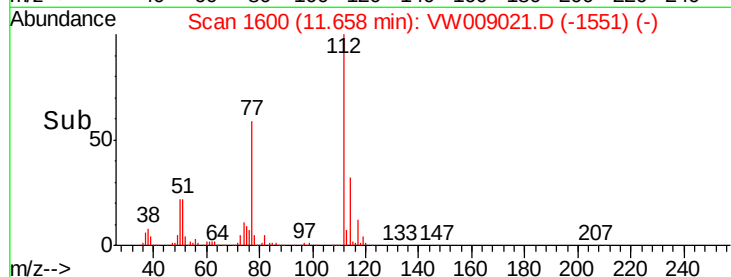
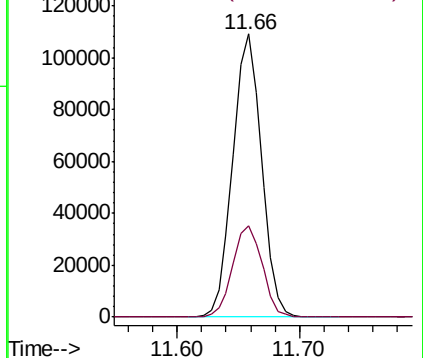
112 100

114 32.2 25.5 38.3



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 22.754 ug/l

RT: 11.73 min Scan# 1612

Delta R.T. 0.00 min

Lab File: VW009021.D

Acq: 06 Mar 2019 17:55

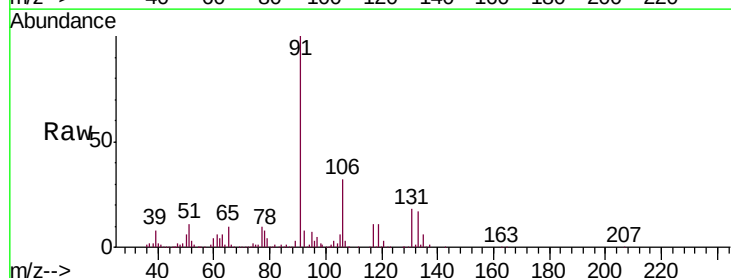
Tgt Ion:131 Resp: 60838

Ion Ratio Lower Upper

131 100

133 93.0 48.1 144.3

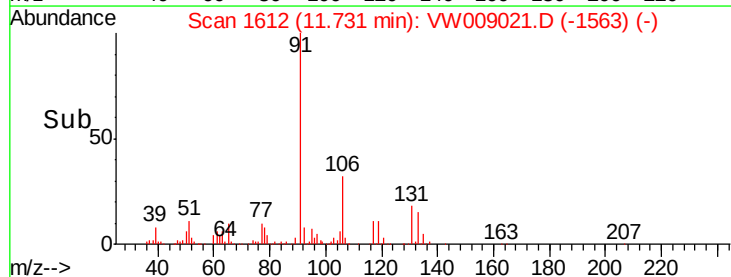
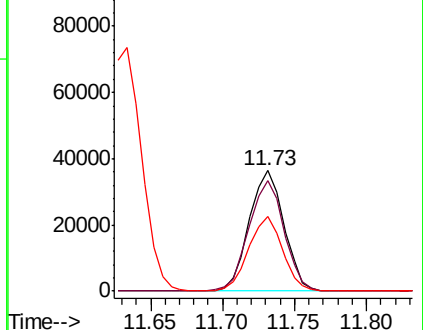
119 60.6 31.1 93.5

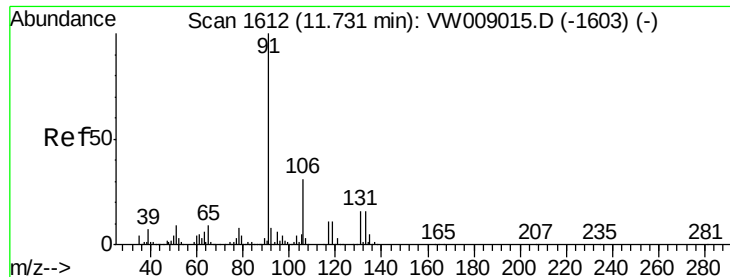


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 22.221 ug/l

RT: 11.73 min Scan# 1612

Delta R.T. 0.00 min

Lab File: VW009021.D

Acq: 06 Mar 2019 17:55

Instrument :

MSVOA_W

ClientSampleId :

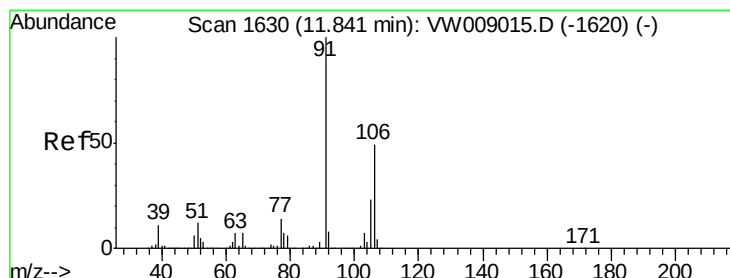
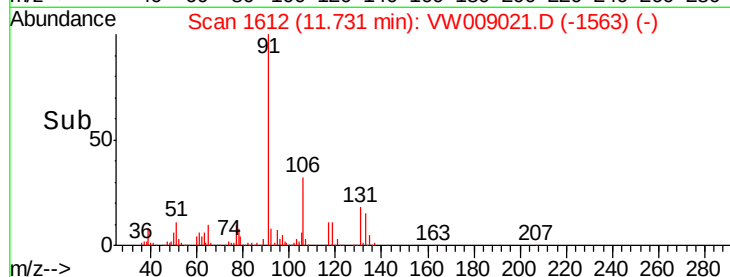
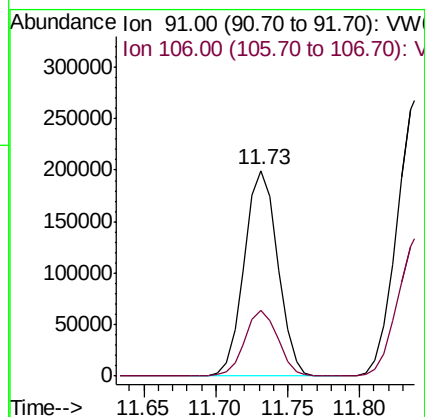
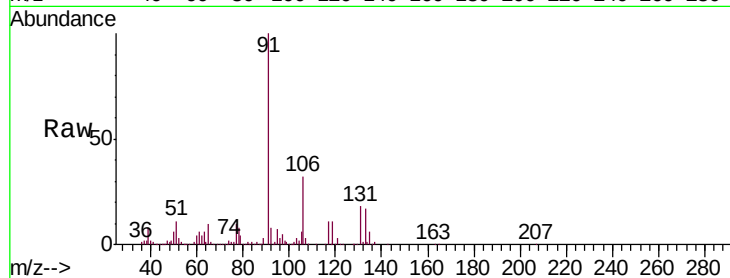
VW0306SBSD01

Tgt Ion: 91 Resp: 320758

Ion Ratio Lower Upper

91 100

106 31.8 25.2 37.8



#68

m/p-Xylenes

Concen: 44.922 ug/l

RT: 11.84 min Scan# 1630

Delta R.T. 0.00 min

Lab File: VW009021.D

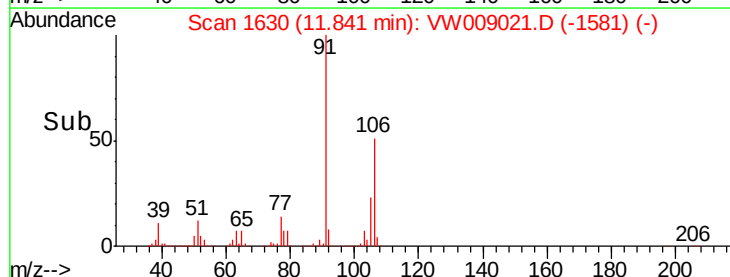
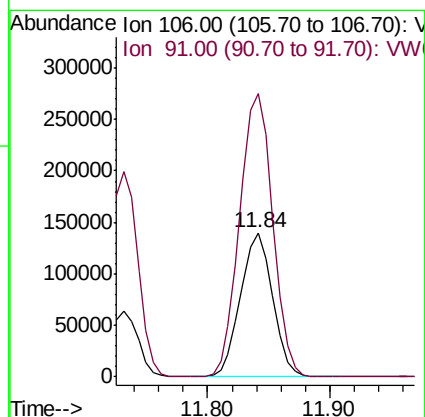
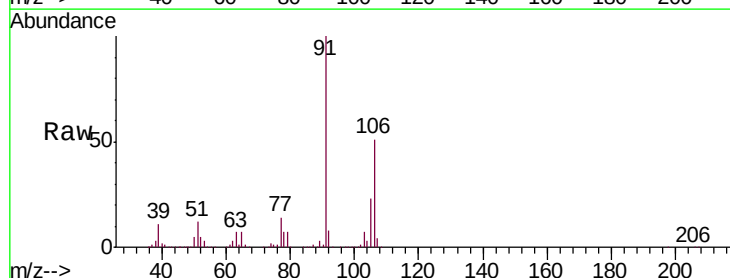
Acq: 06 Mar 2019 17:55

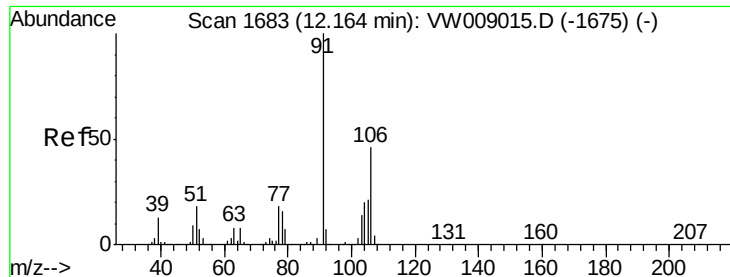
Tgt Ion: 106 Resp: 255866

Ion Ratio Lower Upper

106 100

91 202.6 162.9 244.3

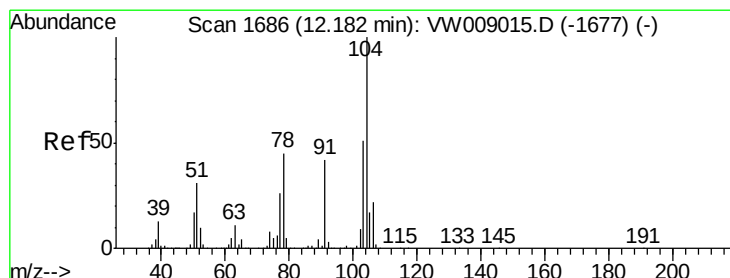
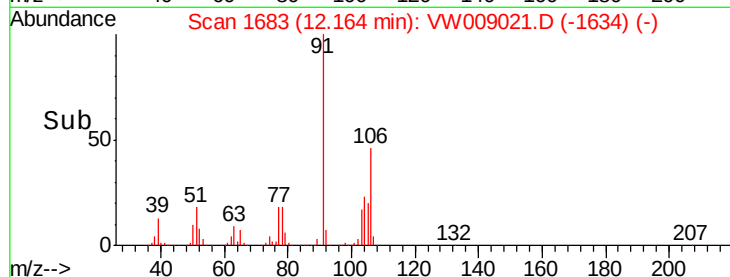
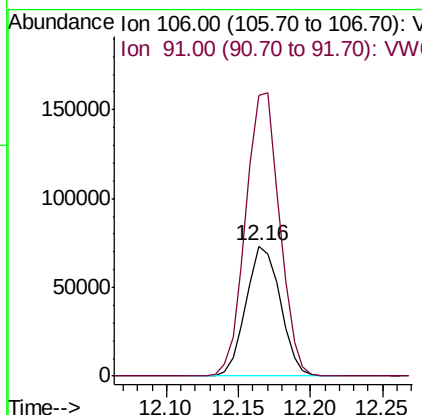
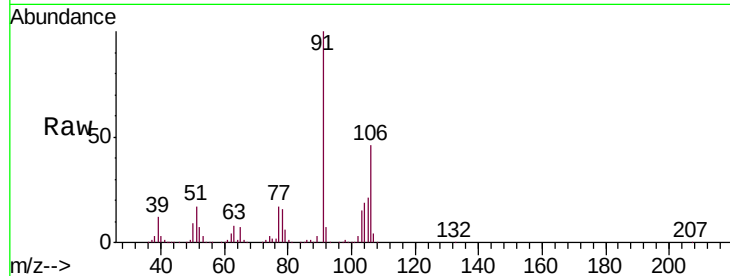




#69
o-Xylene
Concen: 22.607 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. 0.00 min
Lab File: VW009021.D
Acq: 06 Mar 2019 17:55

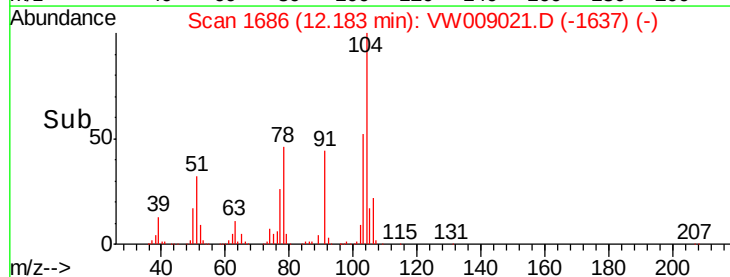
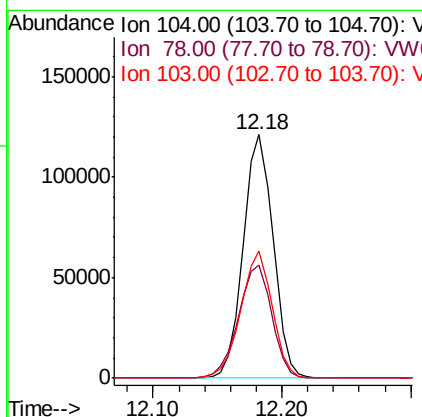
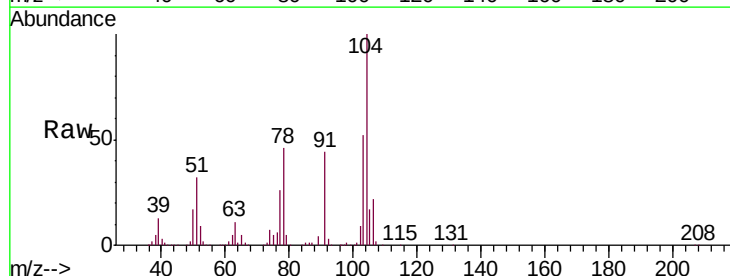
Instrument :
MSVOA_W
ClientSampleId :
VW0306SBSD01

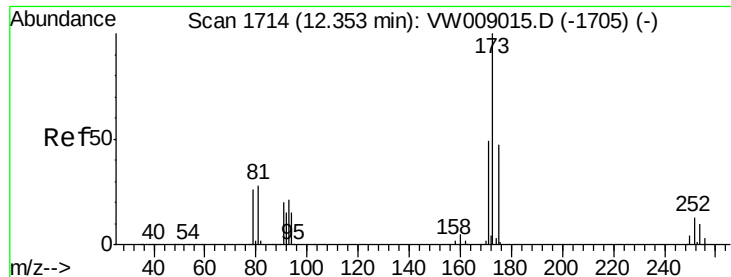
Tgt Ion:106 Resp: 120206
Ion Ratio Lower Upper
106 100
91 216.8 107.4 322.2



#70
Styrene
Concen: 22.536 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW009021.D
Acq: 06 Mar 2019 17:55

Tgt Ion:104 Resp: 194117
Ion Ratio Lower Upper
104 100
78 51.8 41.9 62.9
103 55.2 44.9 67.3





#71

Bromoform

Concen: 22.187 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. 0.00 min

Lab File: VW009021.D

Acq: 06 Mar 2019 17:55

Instrument :

MSVOA_W

ClientSampleId :

VW0306SBSD01

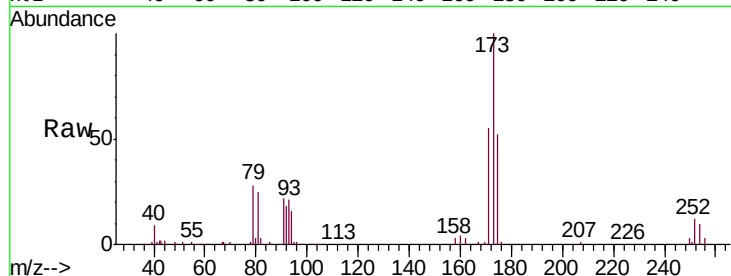
Tgt Ion:173 Resp: 31607

Ion Ratio Lower Upper

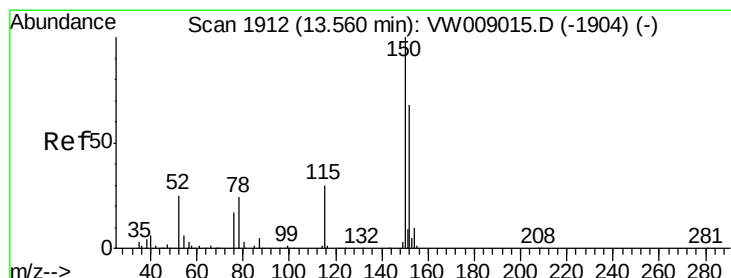
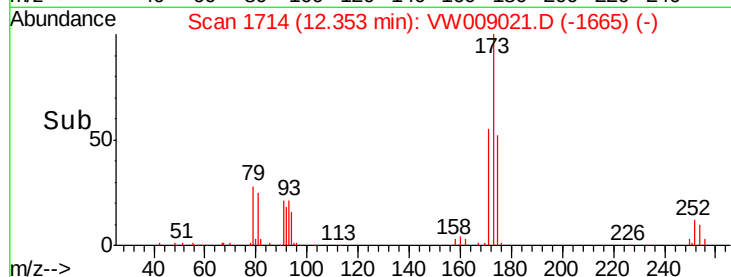
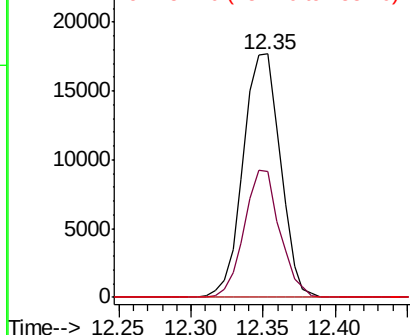
173 100

175 50.1 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: VW009021.D

Acq: 06 Mar 2019 17:55

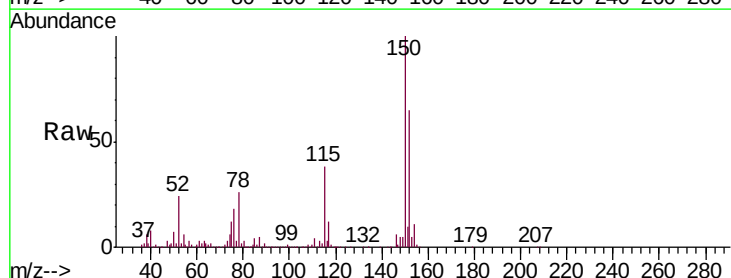
Tgt Ion:152 Resp: 220154

Ion Ratio Lower Upper

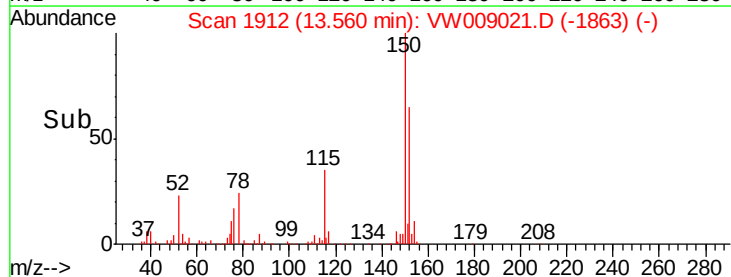
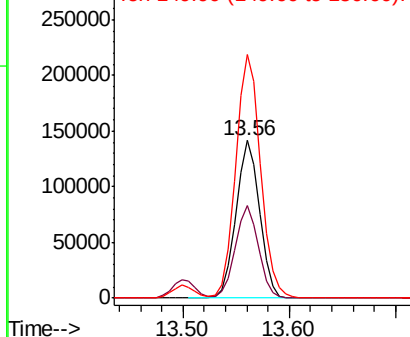
152 100

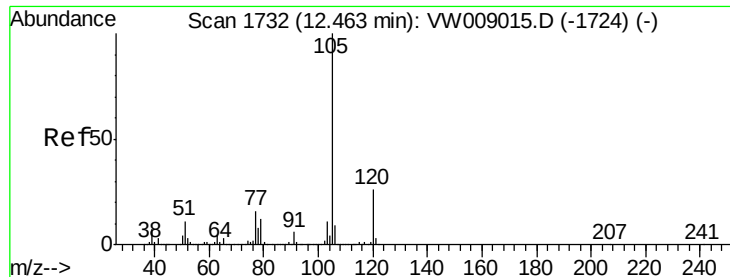
115 57.7 29.3 87.8

150 162.8 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: 21.697 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VW009021.D

Acq: 06 Mar 2019 17:55

Instrument :

MSVOA_W

ClientSampleId :

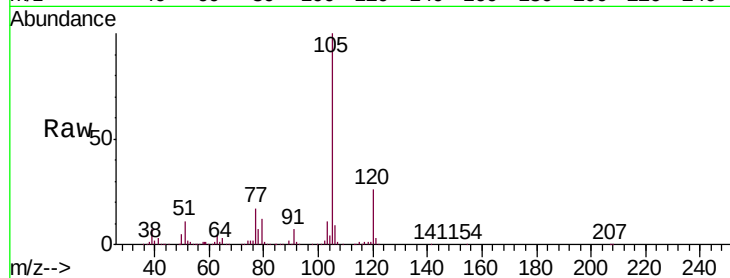
VW0306SBSD01

Tgt Ion:105 Resp: 326950

Ion Ratio Lower Upper

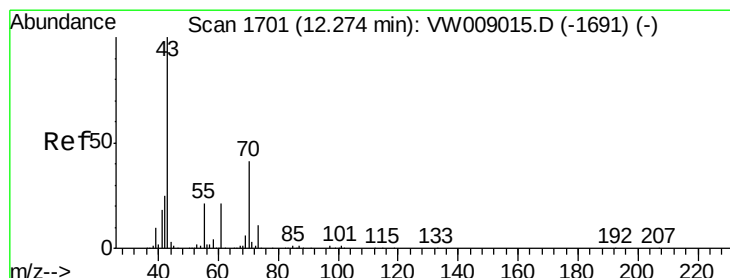
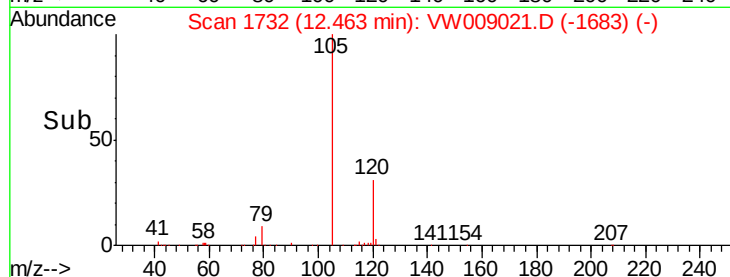
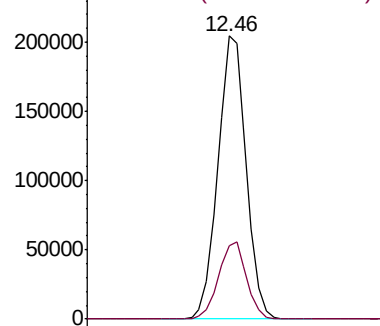
105 100

120 26.9 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: 23.585 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. 0.00 min

Lab File: VW009021.D

Acq: 06 Mar 2019 17:55

Tgt Ion: 43 Resp: 84677

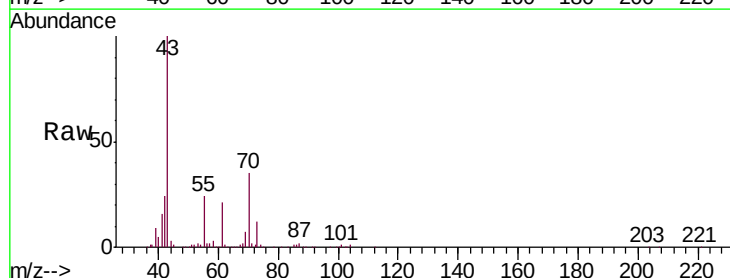
Ion Ratio Lower Upper

43 100

70 38.2 31.2 46.8

55 24.3 18.0 27.0

61 22.6 17.3 25.9

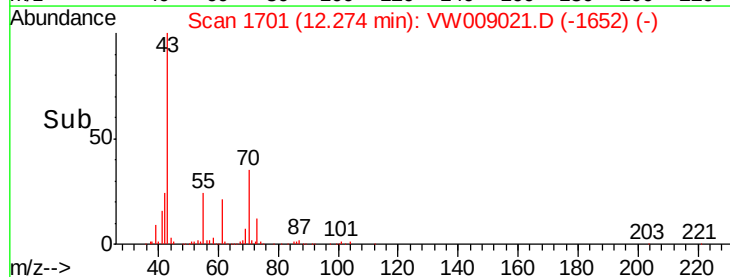
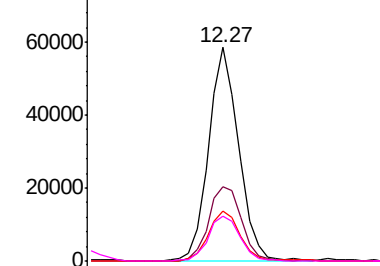


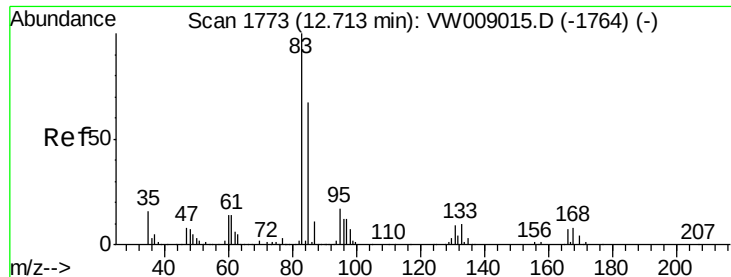
Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 70.00 (69.70 to 70.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 61.00 (60.70 to 61.70): VW





#75

1,1,2,2-Tetrachloroethane

Concen: 22.022 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. 0.00 min

Lab File: VW009021.D

Acq: 06 Mar 2019 17:55

Instrument :

MSVOA_W

ClientSampleId :

VW0306SBSD01

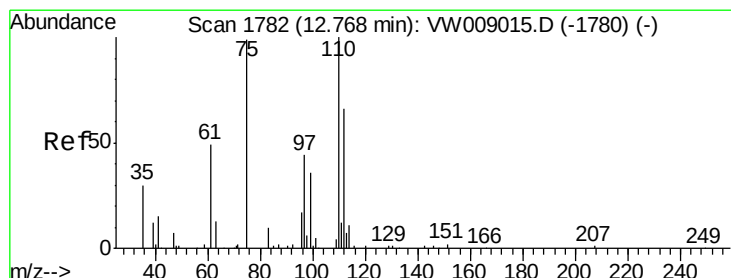
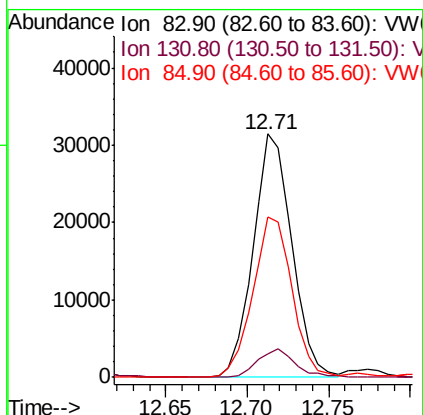
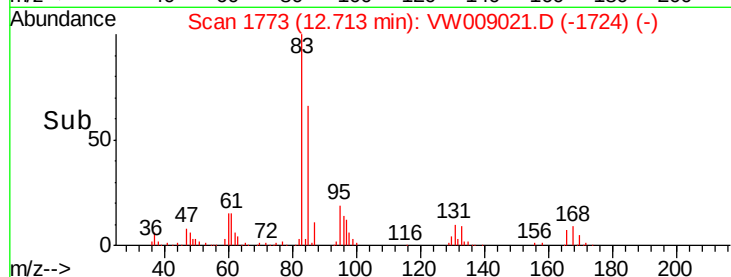
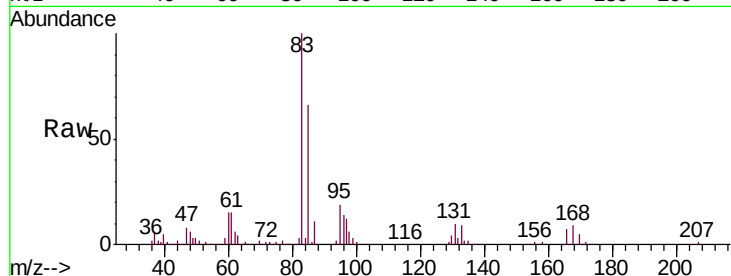
Tgt Ion: 83 Resp: 51761

Ion Ratio Lower Upper

83 100

131 11.4 5.5 16.7

85 66.4 32.8 98.3



#76

1,2,3-Trichloropropane

Concen: 42.712 ug/l

RT: 12.77 min Scan# 1782

Delta R.T. 0.00 min

Lab File: VW009021.D

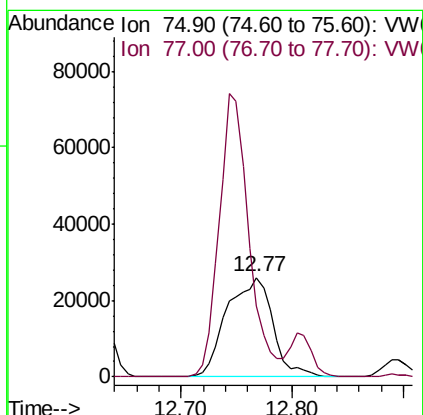
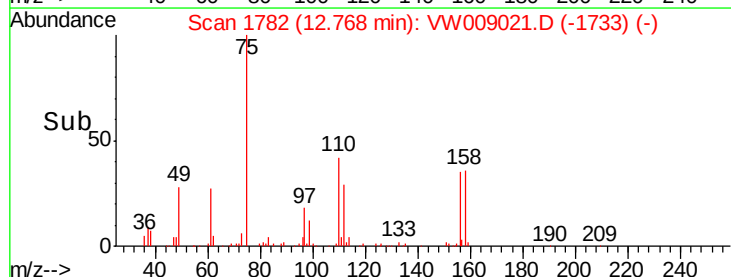
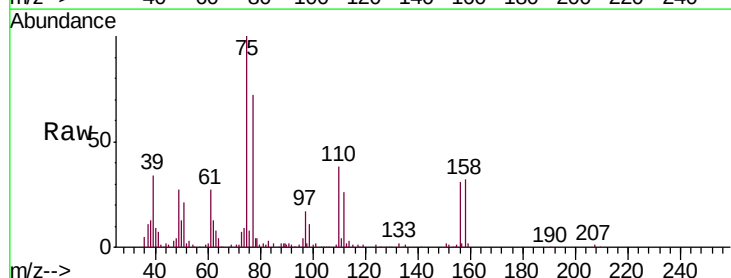
Acq: 06 Mar 2019 17:55

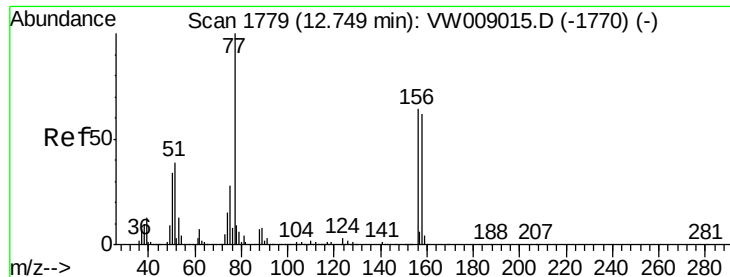
Tgt Ion: 75 Resp: 74526

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 22.402 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VW009021.D

Acq: 06 Mar 2019 17:55

Instrument :

MSVOA_W

ClientSampleId :

VW0306SBS01

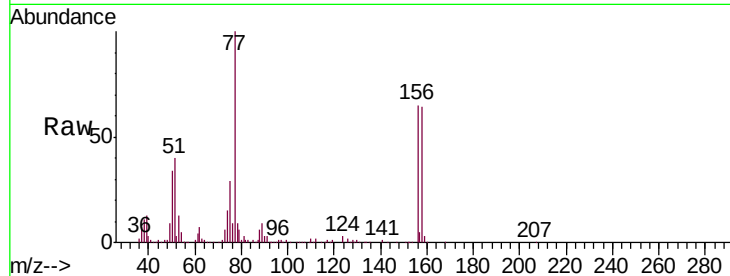
Tgt Ion:156 Resp: 76422

Ion Ratio Lower Upper

156 100

77 179.0 91.6 274.9

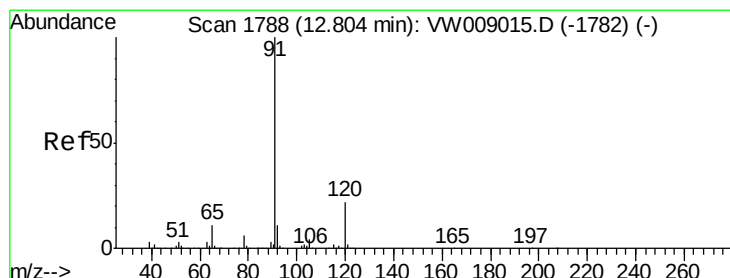
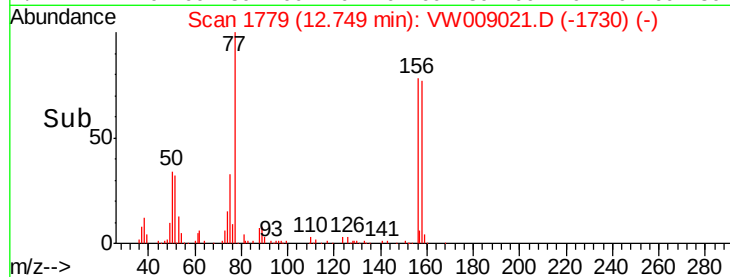
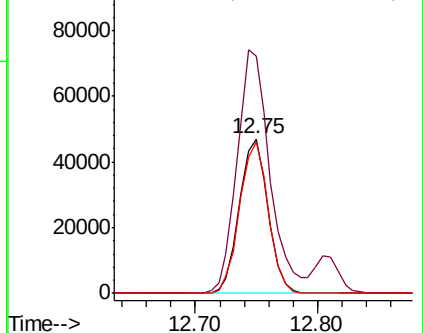
158 98.1 48.8 146.4



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: 21.940 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. 0.00 min

Lab File: VW009021.D

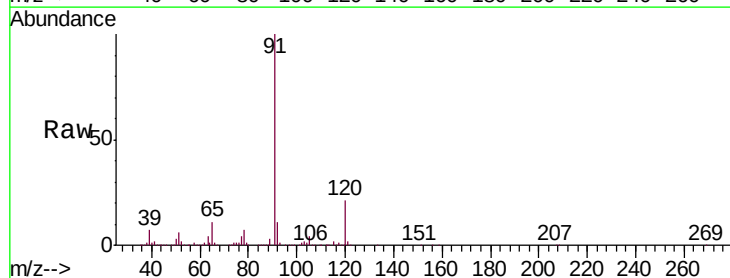
Acq: 06 Mar 2019 17:55

Tgt Ion: 91 Resp: 405890

Ion Ratio Lower Upper

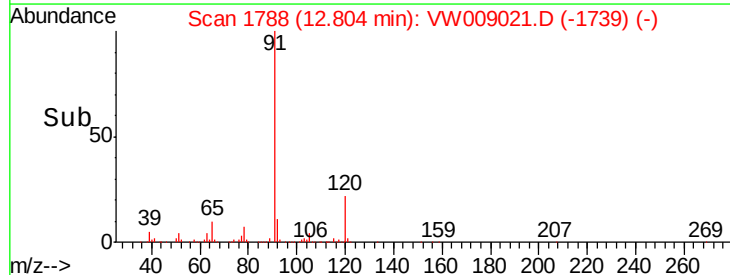
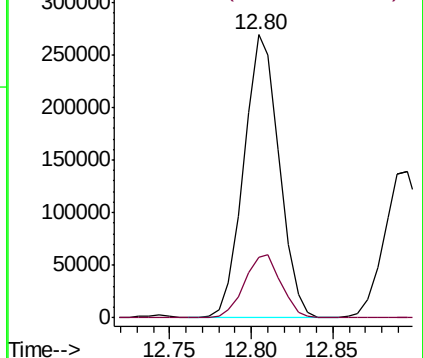
91 100

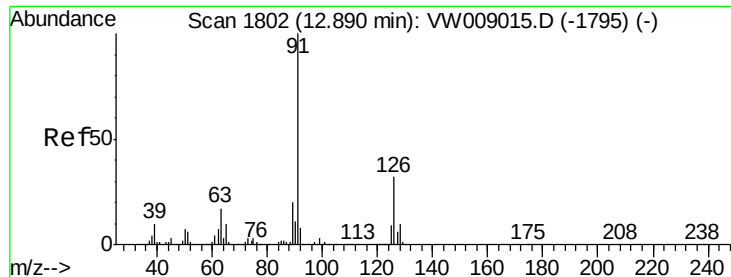
120 23.1 11.3 33.9



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 22.135 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. 0.01 min

Lab File: VW009021.D

Acq: 06 Mar 2019 17:55

Instrument :

MSVOA_W

ClientSampleId :

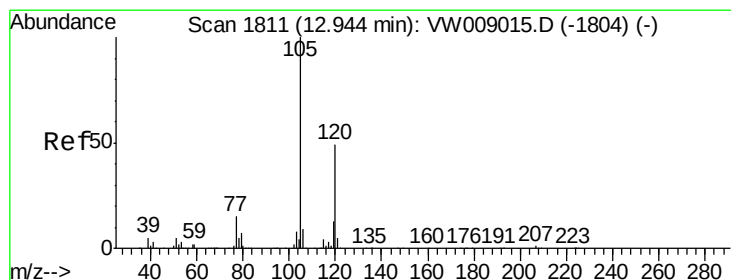
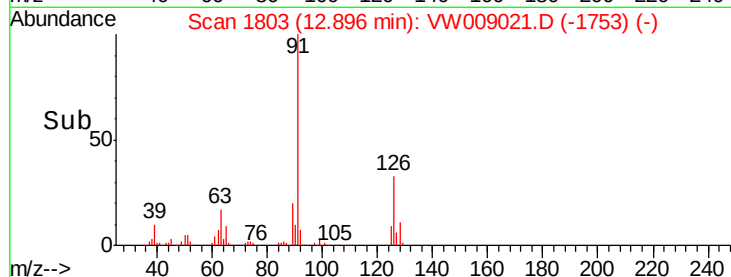
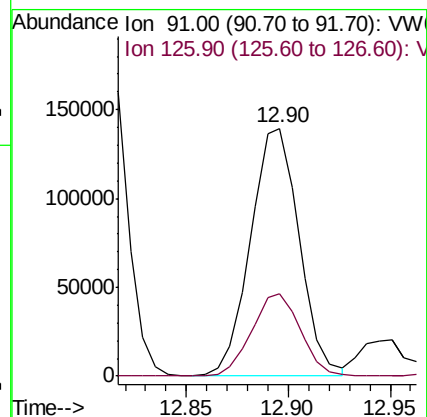
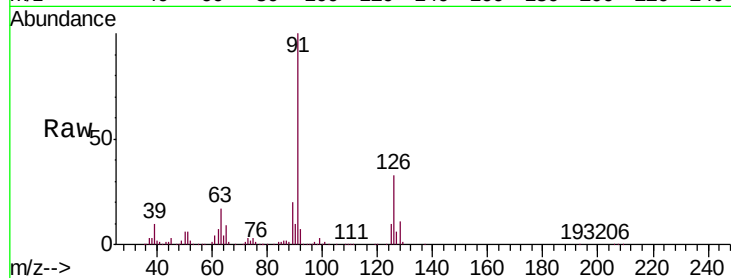
VW0306SBSD01

Tgt Ion: 91 Resp: 231216

Ion Ratio Lower Upper

91 100

126 33.3 16.8 50.4



#80

1,3,5-Trimethylbenzene

Concen: 22.508 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. 0.00 min

Lab File: VW009021.D

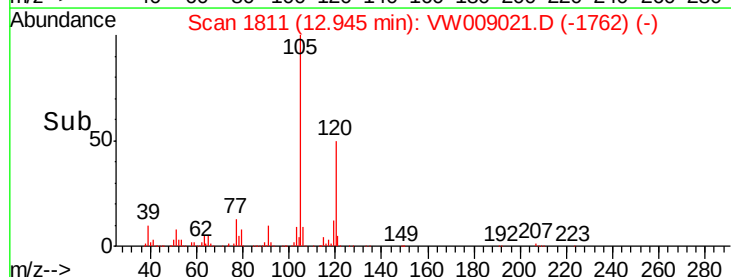
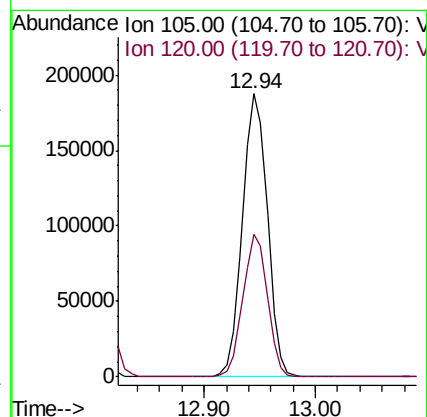
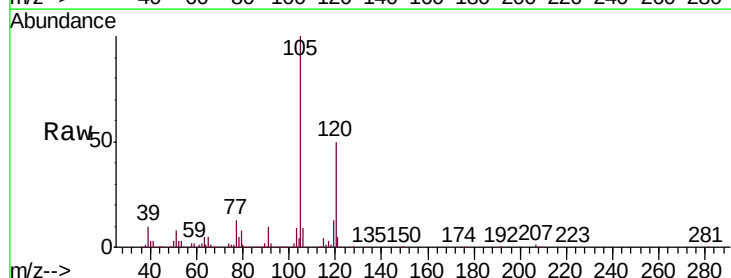
Acq: 06 Mar 2019 17:55

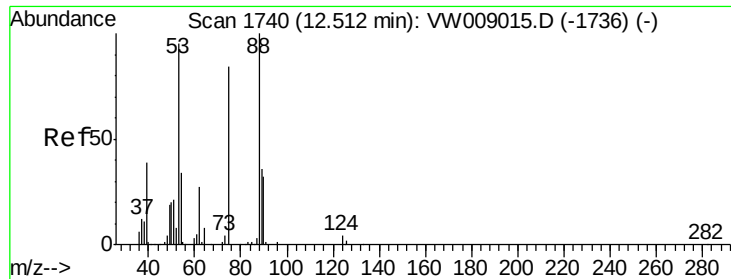
Tgt Ion: 105 Resp: 291085

Ion Ratio Lower Upper

105 100

120 49.7 24.6 73.8





#81

trans-1,4-Dichloro-2-butene

Concen: 22.826 ug/l

RT: 12.51 min Scan# 1740

Delta R.T. 0.00 min

Lab File: VW009021.D

Acq: 06 Mar 2019 17:55

Instrument :

MSVOA_W

ClientSampleId :

VW0306SBSD01

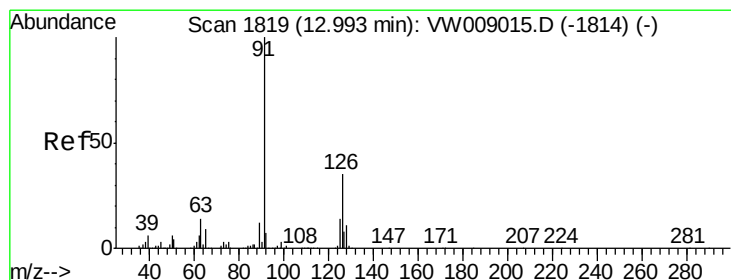
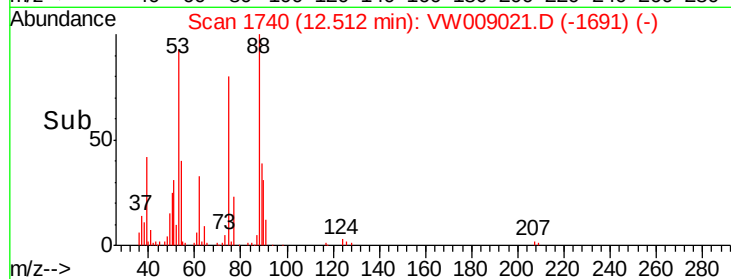
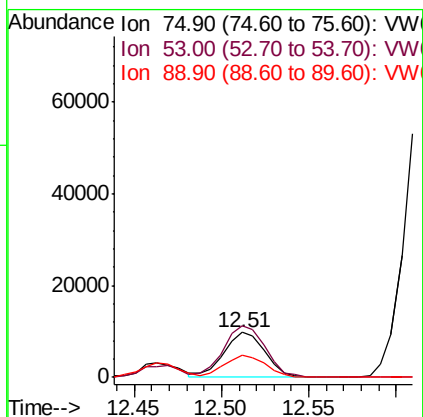
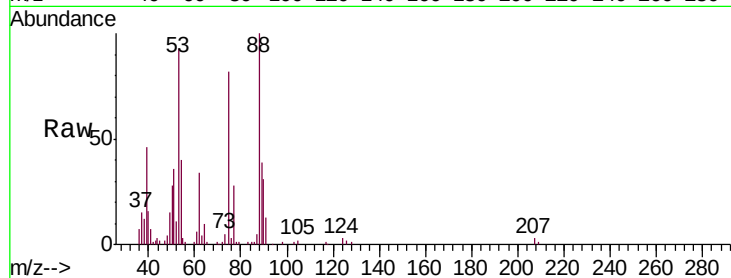
Tgt Ion: 75 Resp: 16096

Ion Ratio Lower Upper

75 100

53 115.8 88.5 132.7

89 48.7 36.3 54.5



#82

4-Chlorotoluene

Concen: 21.546 ug/l

RT: 12.99 min Scan# 1819

Delta R.T. 0.00 min

Lab File: VW009021.D

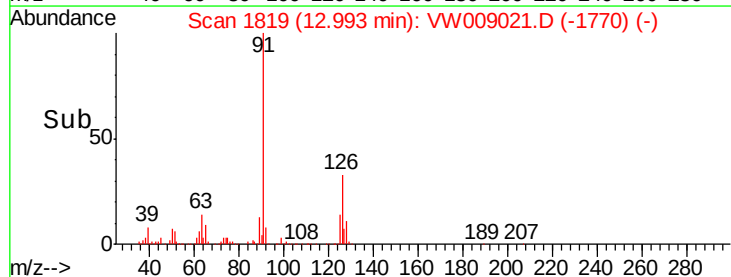
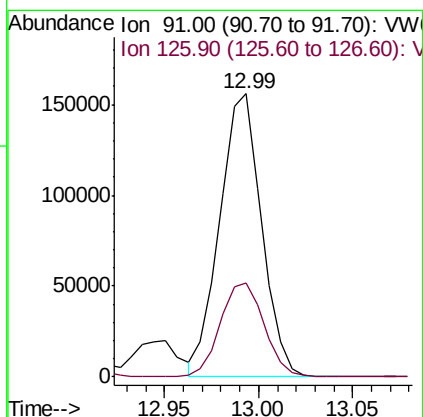
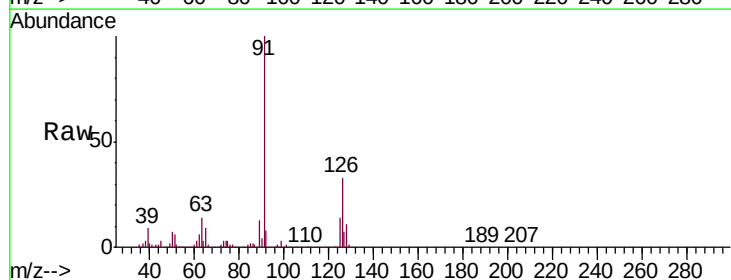
Acq: 06 Mar 2019 17:55

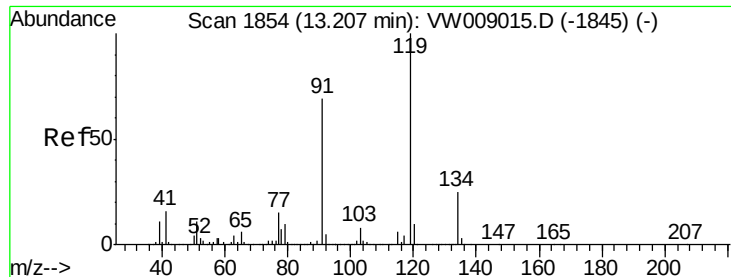
Tgt Ion: 91 Resp: 239398

Ion Ratio Lower Upper

91 100

126 34.9 16.9 50.6





#83

tert-Butylbenzene

Concen: 21.613 ug/l

RT: 13.21 min Scan# 1854

Delta R.T. 0.00 min

Lab File: VW009021.D

Acq: 06 Mar 2019 17:55

Instrument :

MSVOA_W

ClientSampleId :

VW0306SBSD01

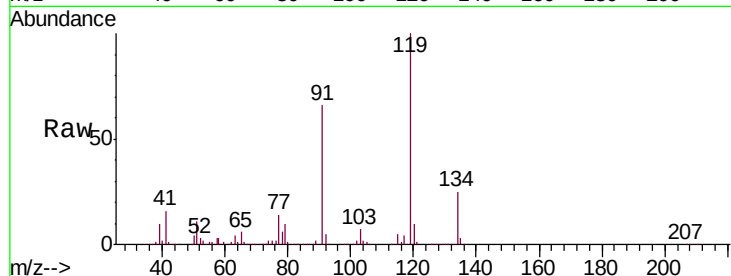
Tgt Ion:119 Resp: 240834

Ion Ratio Lower Upper

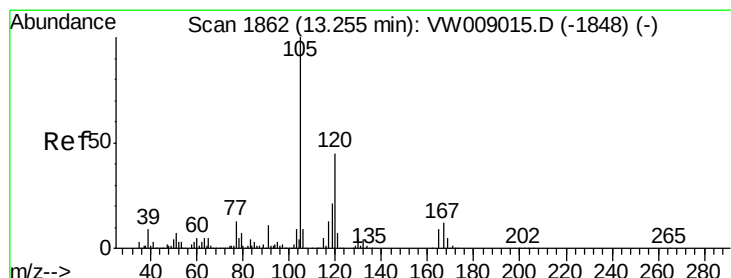
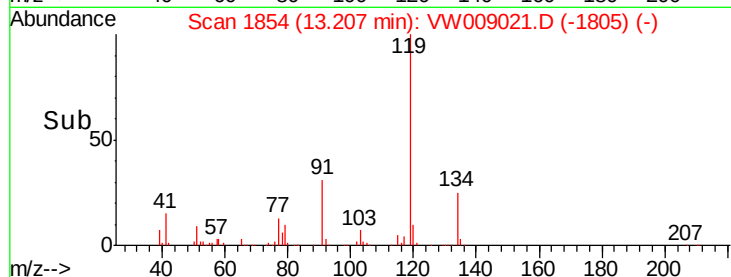
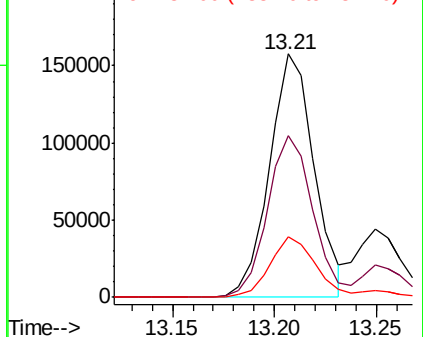
119 100

91 68.0 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): V
Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 22.328 ug/l

RT: 13.26 min Scan# 1862

Delta R.T. 0.00 min

Lab File: VW009021.D

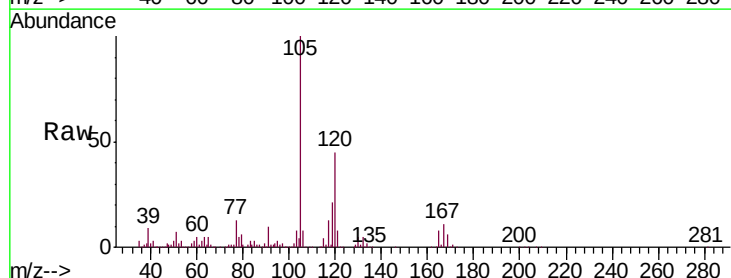
Acq: 06 Mar 2019 17:55

Tgt Ion:105 Resp: 295607

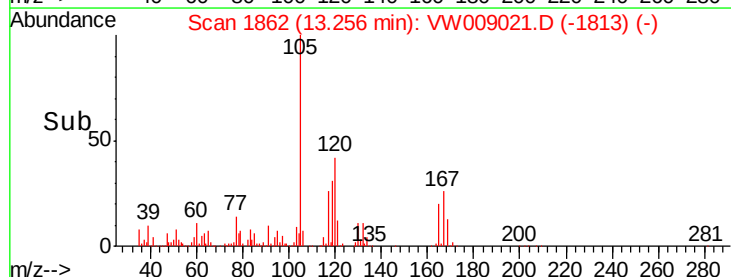
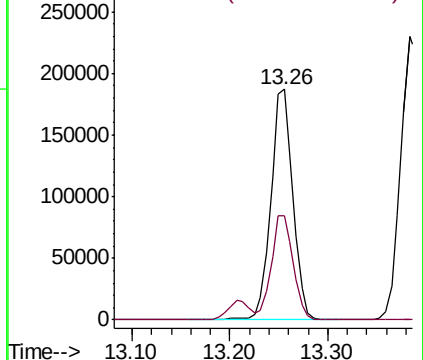
Ion Ratio Lower Upper

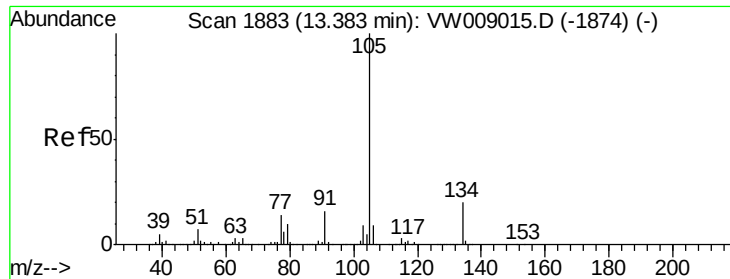
105 100

120 45.1 22.6 67.7



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V

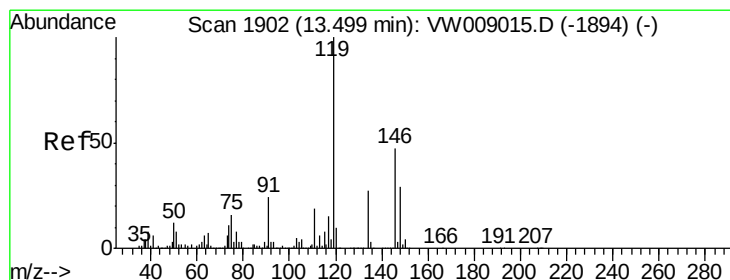
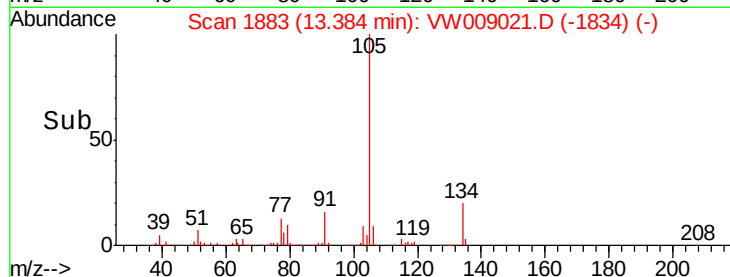
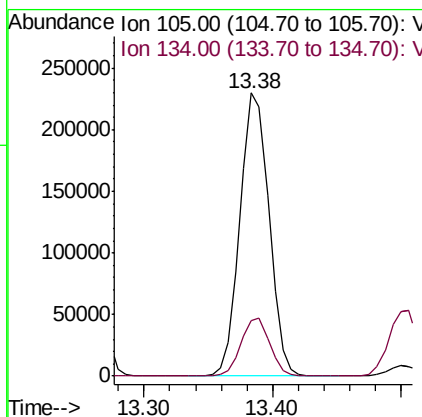
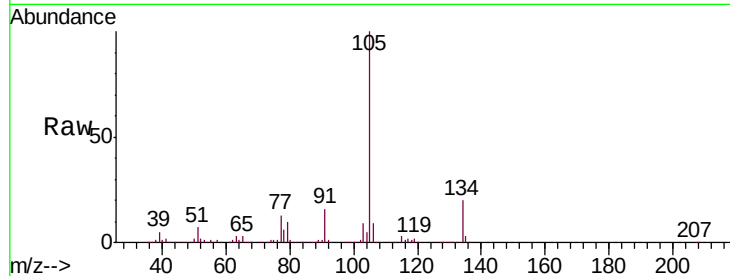




#85
 sec-Butylbenzene
 Concen: 22.133 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. 0.00 min
 Lab File: VW009021.D
 Acq: 06 Mar 2019 17:55

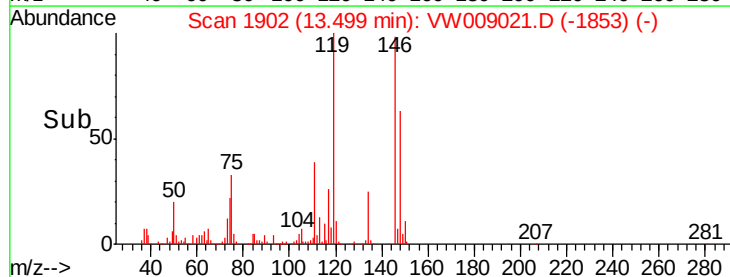
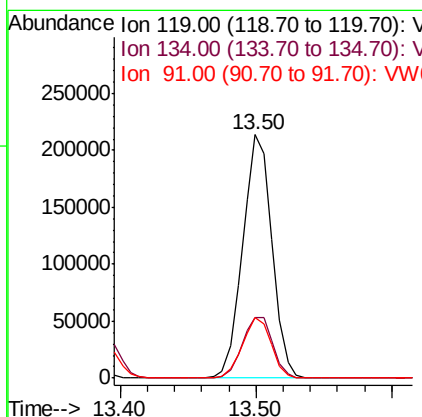
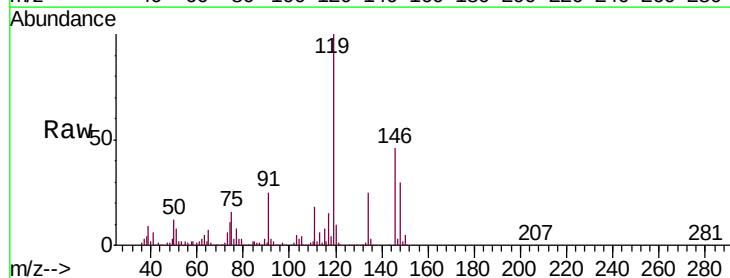
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0306SBSD01

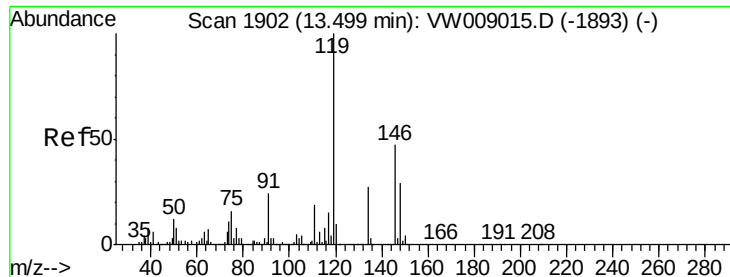
Tgt Ion:105 Resp: 359786
 Ion Ratio Lower Upper
 105 100
 134 19.9 10.2 30.6



#86
 p-Isopropyltoluene
 Concen: 21.883 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: VW009021.D
 Acq: 06 Mar 2019 17:55

Tgt Ion:119 Resp: 320182
 Ion Ratio Lower Upper
 119 100
 134 26.2 13.0 38.9
 91 24.5 12.1 36.3

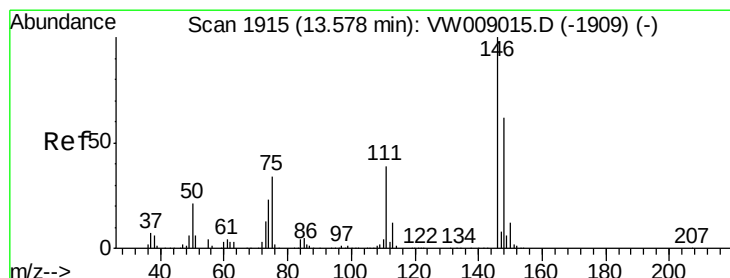
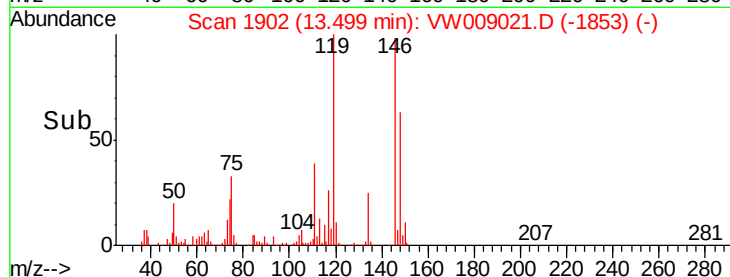
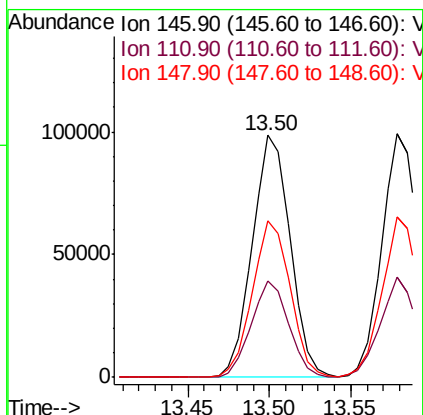
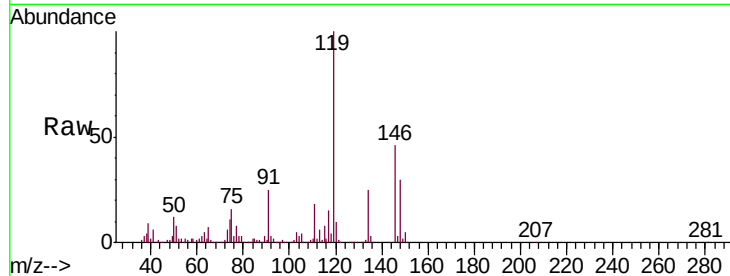




#87
 1,3-Dichlorobenzene
 Concen: 21.877 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: VW009021.D
 Acq: 06 Mar 2019 17:55

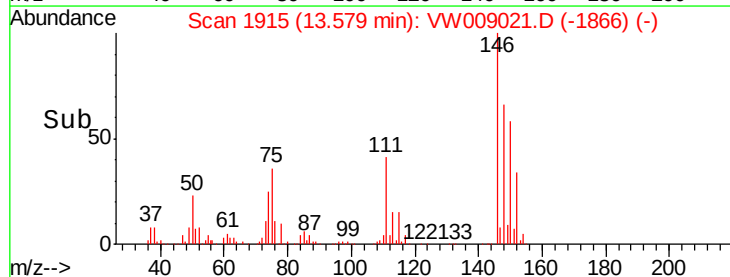
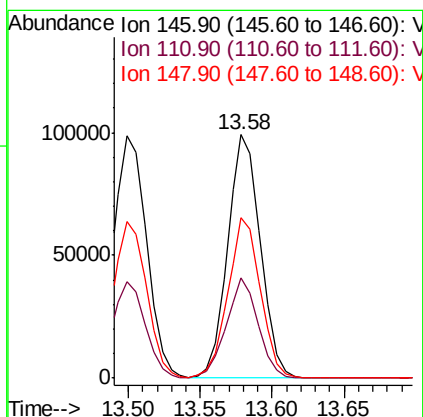
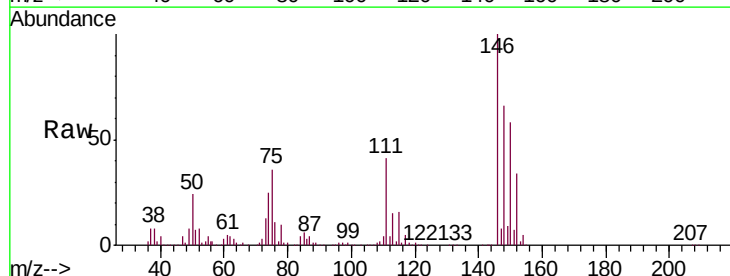
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0306SBSD01

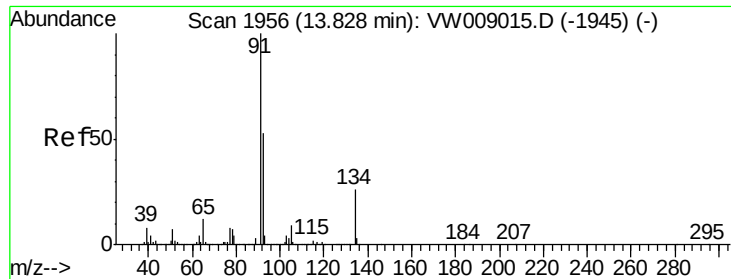
Tgt Ion:146 Resp: 159771
 Ion Ratio Lower Upper
 146 100
 111 39.2 19.6 58.7
 148 64.3 31.7 95.1



#88
 1,4-Dichlorobenzene
 Concen: 21.719 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. 0.00 min
 Lab File: VW009021.D
 Acq: 06 Mar 2019 17:55

Tgt Ion:146 Resp: 157317
 Ion Ratio Lower Upper
 146 100
 111 40.5 19.9 59.7
 148 65.7 31.7 95.1

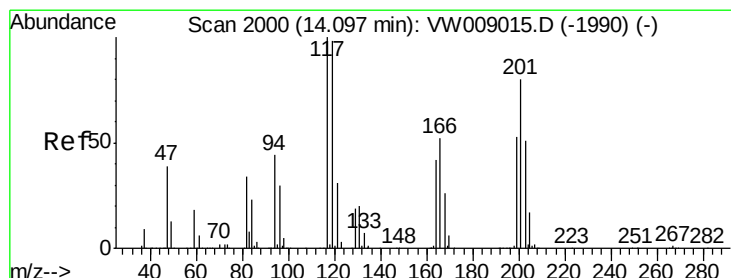
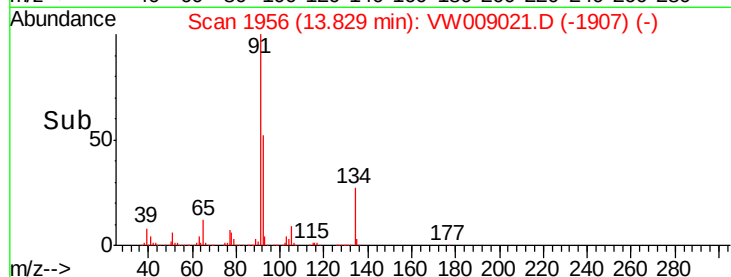
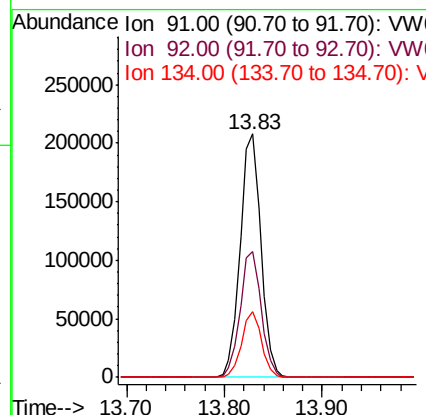
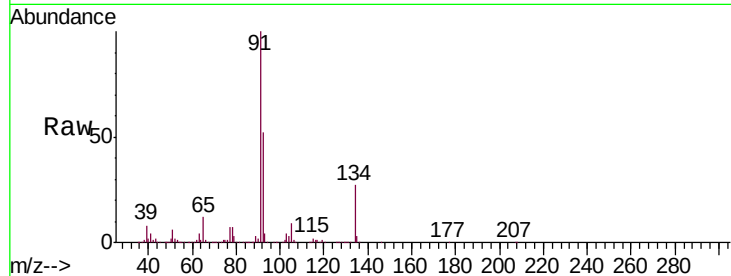




#89
n-Butylbenzene
Concen: 22.114 ug/l
RT: 13.83 min Scan# 1956
Delta R.T. 0.00 min
Lab File: VW009021.D
Acq: 06 Mar 2019 17:55

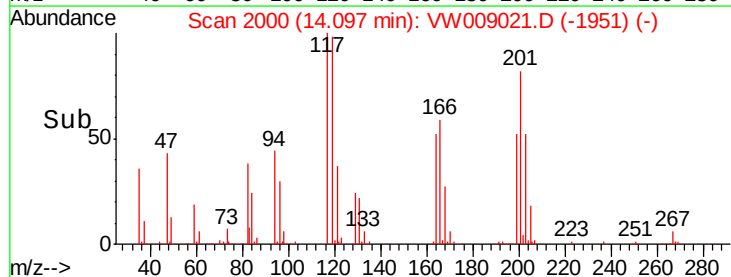
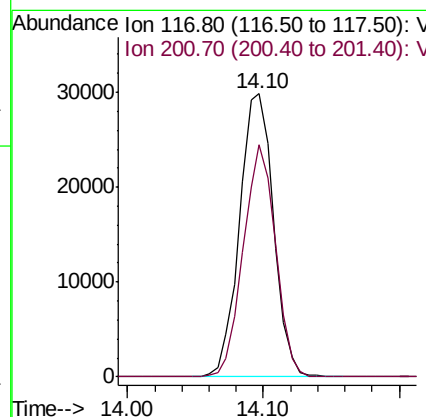
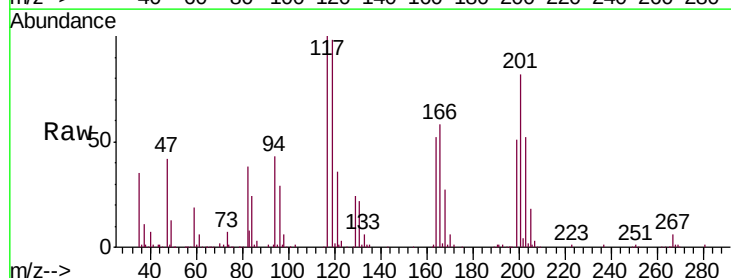
Instrument :
MSVOA_W
ClientSampleId :
VW0306SBSD01

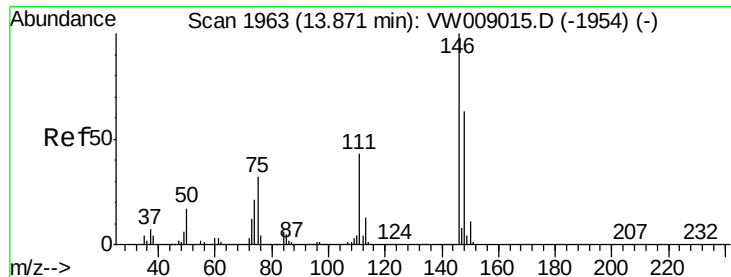
Tgt Ion: 91 Resp: 306325
Ion Ratio Lower Upper
91 100
92 52.7 26.7 80.0
134 25.9 13.0 39.0



#90
Hexachloroethane
Concen: 20.734 ug/l
RT: 14.10 min Scan# 2000
Delta R.T. 0.00 min
Lab File: VW009021.D
Acq: 06 Mar 2019 17:55

Tgt Ion: 117 Resp: 51972
Ion Ratio Lower Upper
117 100
201 77.9 38.9 116.6

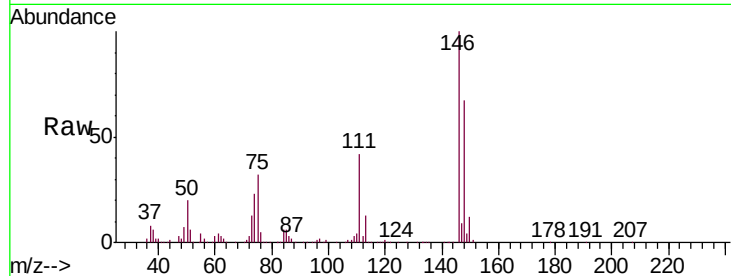




#91
 1,2-Dichlorobenzene
 Concen: 22.305 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. 0.00 min
 Lab File: VW009021.D
 Acq: 06 Mar 2019 17:55

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0306SBS01

Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.3	20.8	62.4
148	65.2	31.8	95.3

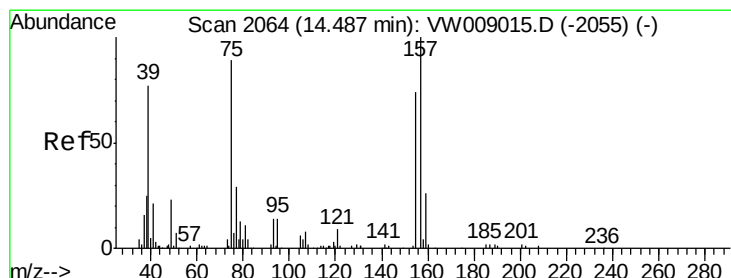
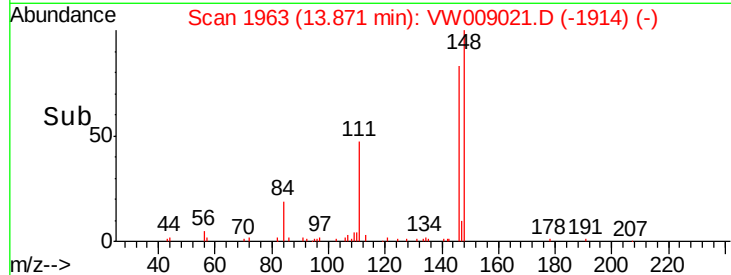
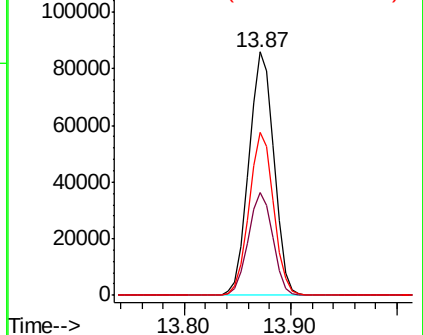


Abundance

Ion 145.90 (145.60 to 146.60): V

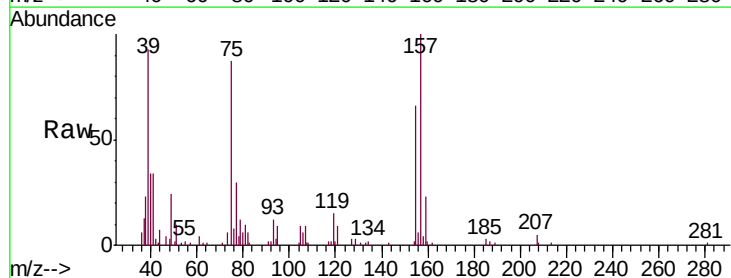
Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 22.905 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. 0.00 min
 Lab File: VW009021.D
 Acq: 06 Mar 2019 17:55

Tgt Ion	Ratio	Lower	Upper
75	100		
155	85.2	41.4	124.4
157	106.4	53.1	159.4

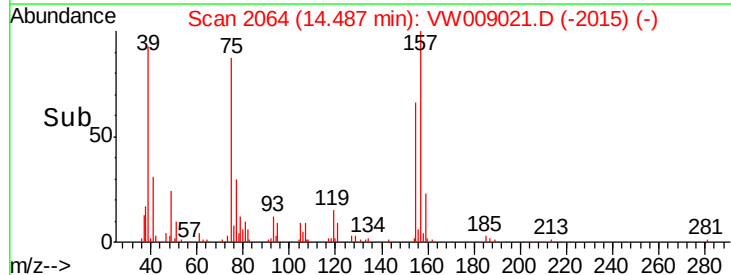
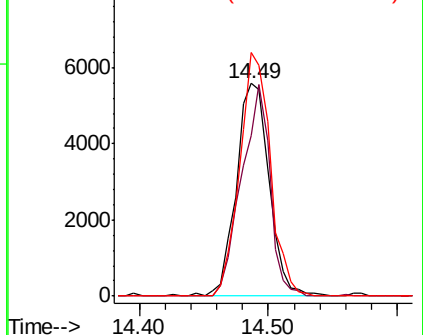


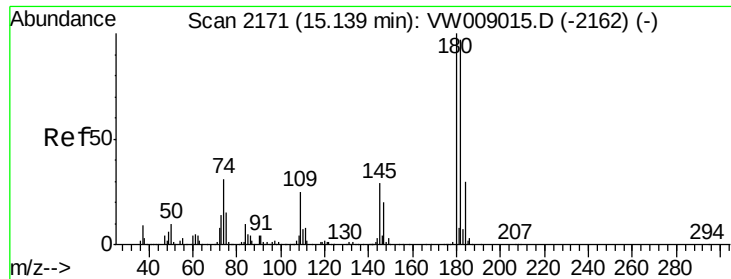
Abundance

Ion 74.90 (74.60 to 75.60): VW

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

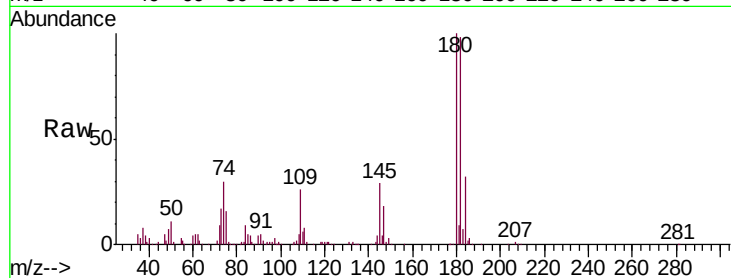




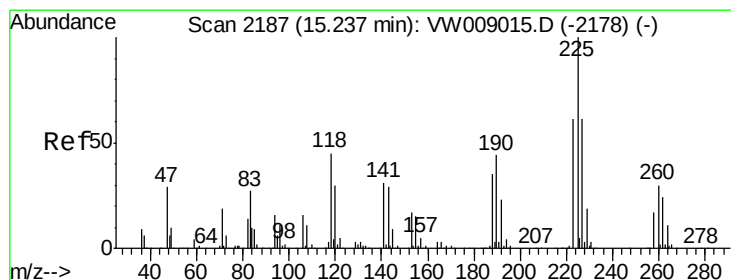
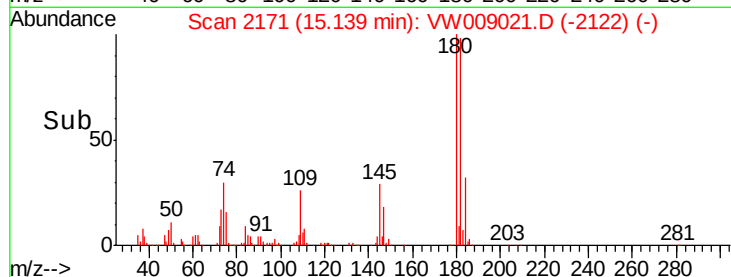
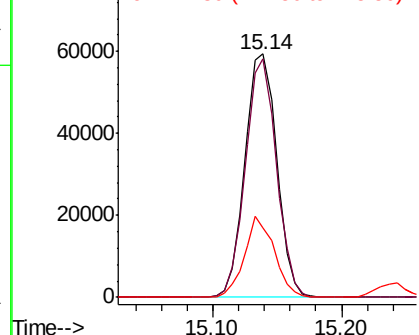
#93
 1,2,4-Trichlorobenzene
 Concen: 23.150 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. 0.00 min
 Lab File: VW009021.D
 Acq: 06 Mar 2019 17:55

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0306SBS01

Tgt Ion:180 Resp: 101290
 Ion Ratio Lower Upper
 180 100
 182 95.2 47.6 142.9
 145 31.1 14.7 44.1

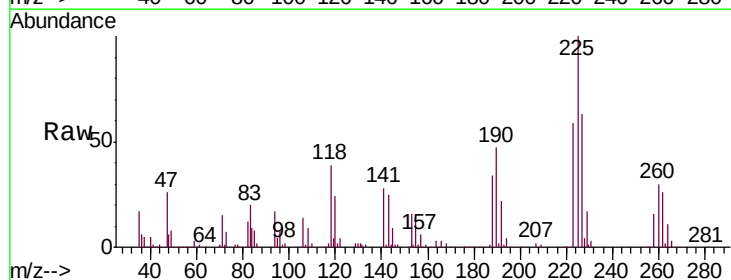


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

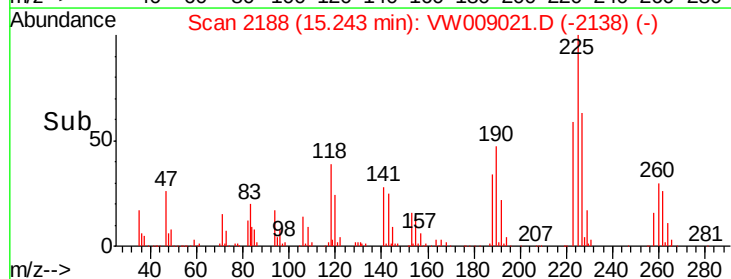
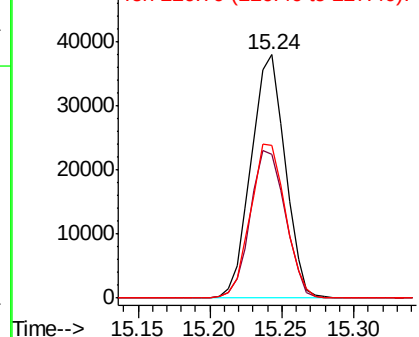


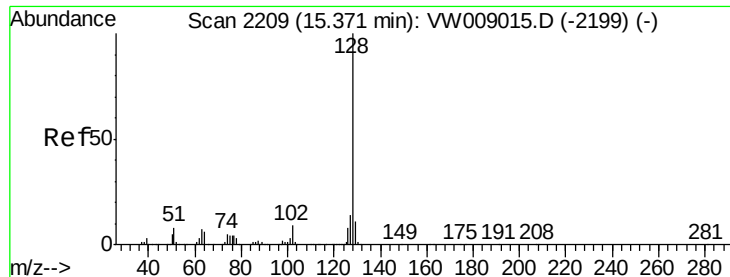
#94
 Hexachlorobutadiene
 Concen: 22.291 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. 0.01 min
 Lab File: VW009021.D
 Acq: 06 Mar 2019 17:55

Tgt Ion:225 Resp: 61994
 Ion Ratio Lower Upper
 225 100
 223 62.5 30.6 91.8
 227 65.1 31.2 93.6



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

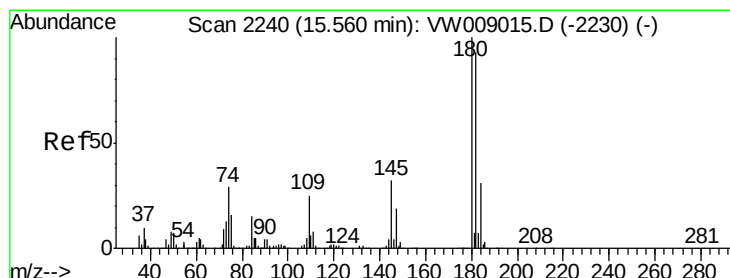
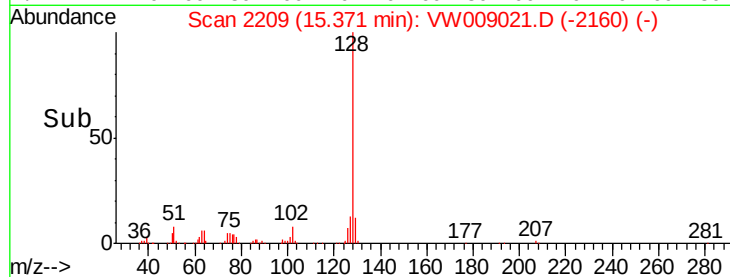
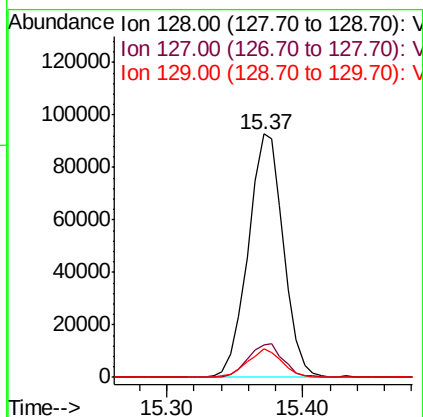
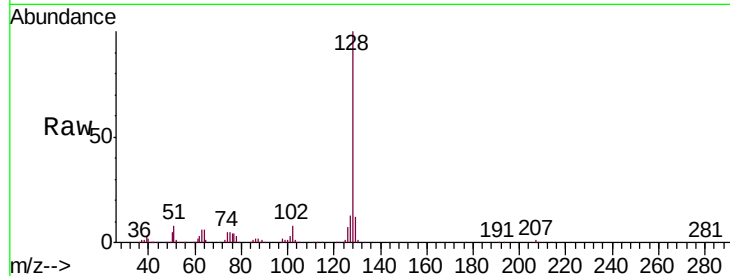




#95
Naphthalene
Concen: 23.682 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. 0.00 min
Lab File: VW009021.D
Acq: 06 Mar 2019 17:55

Instrument :
MSVOA_W
ClientSampleId :
VW0306SBSD01

Tgt Ion:128 Resp: 168002
Ion Ratio Lower Upper
128 100
127 13.6 11.0 16.4
129 11.2 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 23.884 ug/l
RT: 15.56 min Scan# 2240
Delta R.T. 0.00 min
Lab File: VW009021.D
Acq: 06 Mar 2019 17:55

Tgt Ion:180 Resp: 90477
Ion Ratio Lower Upper
180 100
182 93.4 47.3 141.8
145 30.5 15.4 46.2

