

Data File : VW008592.D
Acq On : 11 Feb 2019 12:55
Operator : SY/VA
Sample : VW0211SBSD01
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW0211SBSD01

Quant Time: Feb 12 04:26:49 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W012419S.M
Quant Title : SW846 8260
QLast Update : Fri Jan 25 11:07:41 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	415385	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	629722	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	566360	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	292830	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	224909	55.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.22%	
35) Dibromofluoromethane	7.88	113	207741	56.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.84%	
50) Toluene-d8	10.32	98	794362	53.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.60%	
62) 4-Bromofluorobenzene	12.62	95	296103	52.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.34%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.01	85	33861	16.441	ug/l	98
3) Chloromethane	2.21	50	63013	18.584	ug/l	93
4) Vinyl Chloride	2.36	62	87622	20.300	ug/l	98
5) Bromomethane	2.77	94	67660	24.303	ug/l	96
6) Chloroethane	2.92	64	65823	24.936	ug/l	98
7) Trichlorofluoromethane	3.25	101	68078	21.145	ug/l	99
8) Diethyl Ether	3.67	74	43825	21.156	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.05	101	74068	19.715	ug/l	94
10) Methyl Iodide	4.26	142	118468	19.964	ug/l	99
11) Tert butyl alcohol	5.18	59	32146	97.842	ug/l #	87
12) 1,1-Dichloroethene	4.03	96	72026	18.944	ug/l	94
13) Acrolein	3.88	56	24957	88.840	ug/l	97
14) Allyl chloride	4.65	41	132849	18.401	ug/l	97
15) Acrylonitrile	5.37	53	94123	105.224	ug/l	99
16) Acetone	4.12	43	92223	100.637	ug/l	95
17) Carbon Disulfide	4.37	76	212301	17.483	ug/l	98
18) Methyl Acetate	4.67	43	49522	20.261	ug/l	96
19) Methyl tert-butyl Ether	5.42	73	138029	21.942	ug/l	96
20) Methylene Chloride	4.90	84	89219	21.123	ug/l	98
21) trans-1,2-Dichloroethene	5.41	96	83335	19.496	ug/l	93
22) Diisopropyl ether	6.31	45	262687	19.198	ug/l	96
23) Vinyl Acetate	6.25	43	802407	99.312	ug/l	98
24) 1,1-Dichloroethane	6.20	63	153359	19.800	ug/l	100
25) 2-Butanone	7.17	43	132570	104.151	ug/l	95
26) 2,2-Dichloropropane	7.17	77	101760	19.437	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	93474	20.065	ug/l	97
28) Bromochloromethane	7.51	49	74285	20.882	ug/l	98
29) Tetrahydrofuran	7.52	42	86138	106.790	ug/l	98
30) Chloroform	7.67	83	154636	20.298	ug/l	99
31) Cyclohexane	7.95	56	148015	18.482	ug/l	95
32) 1,1,1-Trichloroethane	7.87	97	132475	20.133	ug/l	99
36) 1,1-Dichloropropene	8.07	75	123946	20.837	ug/l	99
37) Ethyl Acetate	7.25	43	59313	22.538	ug/l	99
38) Carbon Tetrachloride	8.06	117	126109	21.068	ug/l	98

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Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.33	83	155660	19.920	ug/l	98
40) Benzene	8.32	78	337281	20.434	ug/l	100
41) Methacrylonitrile	7.48	41	35081	22.512	ug/l	99
42) 1,2-Dichloroethane	8.40	62	103395	21.615	ug/l	99
43) Isopropyl Acetate	8.42	43	114779	20.993	ug/l	99
44) Trichloroethene	9.09	130	93655	20.865	ug/l	99
45) 1,2-Dichloropropane	9.37	63	84515	20.535	ug/l	99
46) Dibromomethane	9.45	93	45783	21.628	ug/l	99
47) Bromodichloromethane	9.64	83	114120	20.382	ug/l	96
48) Methyl methacrylate	9.43	41	55086	20.605	ug/l	98
49) 1,4-Dioxane	9.45	88	14830	414.470	ug/l	100
51) 4-Methyl-2-Pentanone	10.21	43	296003	109.585	ug/l	99
52) Toluene	10.38	92	219520	20.147	ug/l	98
53) t-1,3-Dichloropropene	10.60	75	119669	20.086	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	137957	20.404	ug/l	100
55) 1,1,2-Trichloroethane	10.79	97	63762	21.716	ug/l	98
56) Ethyl methacrylate	10.65	69	82245	19.991	ug/l	98
57) 1,3-Dichloropropane	10.93	76	111376	21.174	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.92	63	243949	122.038	ug/l	99
59) 2-Hexanone	10.97	43	210364	110.318	ug/l	99
60) Dibromochloromethane	11.13	129	78749	20.871	ug/l	98
61) 1,2-Dibromoethane	11.24	107	61548	21.141	ug/l	97
64) Tetrachloroethene	10.86	164	81837	21.342	ug/l	97
65) Chlorobenzene	11.66	112	240487	20.801	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.73	131	88531	21.403	ug/l	98
67) Ethyl Benzene	11.73	91	429015	20.187	ug/l	99
68) m/p-Xylenes	11.84	106	329909	40.010	ug/l	99
69) o-Xylene	12.16	106	158095	20.179	ug/l	97
70) Styrene	12.18	104	251499	19.434	ug/l	98
71) Bromoform	12.35	173	47008	20.198	ug/l #	99
73) Isopropylbenzene	12.46	105	439495	20.132	ug/l	99
74) N-amyl acetate	12.27	43	115024	20.452	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	74114	21.443	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	103207	40.538	ug/l	19
77) Bromobenzene	12.75	156	101075	21.200	ug/l	96
78) n-propylbenzene	12.80	91	527198	20.106	ug/l	99
79) 2-Chlorotoluene	12.89	91	293460	19.834	ug/l	98
80) 1,3,5-Trimethylbenzene	12.94	105	363152	19.902	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.51	75	24347	18.888	ug/l	93
82) 4-Chlorotoluene	12.99	91	307367	19.512	ug/l	98
83) tert-Butylbenzene	13.21	119	325755	20.062	ug/l	99
84) 1,2,4-Trimethylbenzene	13.25	105	377306	20.343	ug/l	99
85) sec-Butylbenzene	13.38	105	466173	20.103	ug/l	98
86) p-Isopropyltoluene	13.50	119	415523	20.456	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	203211	21.105	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	200050	20.906	ug/l	99
89) n-Butylbenzene	13.83	91	400646	20.088	ug/l	99
90) Hexachloroethane	14.10	117	79150	19.925	ug/l	100
91) 1,2-Dichlorobenzene	13.87	146	179202	21.034	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	13876	21.159	ug/l	95

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW021119\
Quantitation Report (Not Reviewed)

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ClientSampleId :
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	134469	22.117	ug/l	99
94) Hexachlorobutadiene	15.24	225	80340	21.927	ug/l	98
95) Naphthalene	15.37	128	236486	22.153	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	115598	22.414	ug/l	100

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

Data File : VW008592.D

Acq On : 11 Feb 2019 12:55

Operator : SY/VA

Sample : VW0211SBSD01

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

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ALS Vial      : 5      Sample Multiplier: 1
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Instrument :
MSVOA_W
ClientSampleId :
VW0211SBSD01

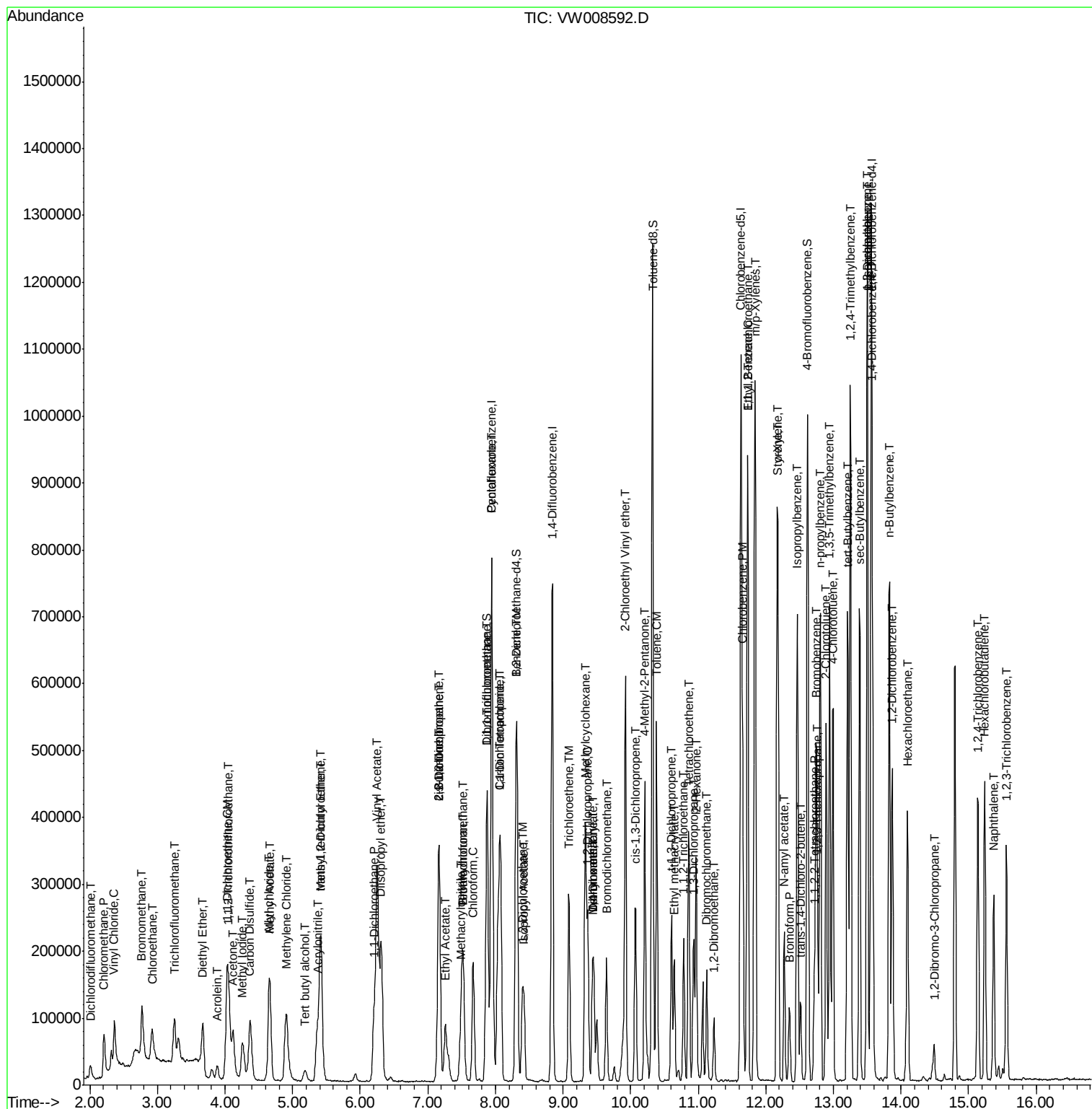
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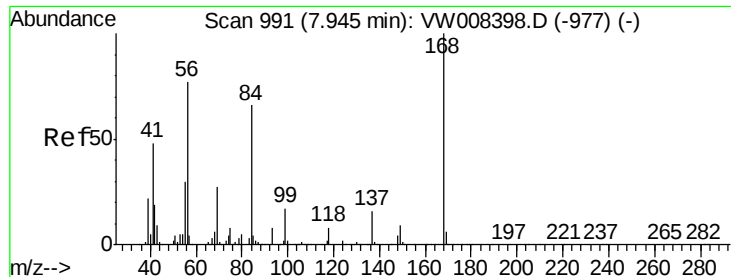
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Quant Title : SW846 8260

QLast Update : Fri Jan 25 11:07:41 2019

Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. 0.00 min

Lab File: VW008592.D

Acq: 11 Feb 2019 12:55

Instrument :

MSVOA_W

ClientSampleId :

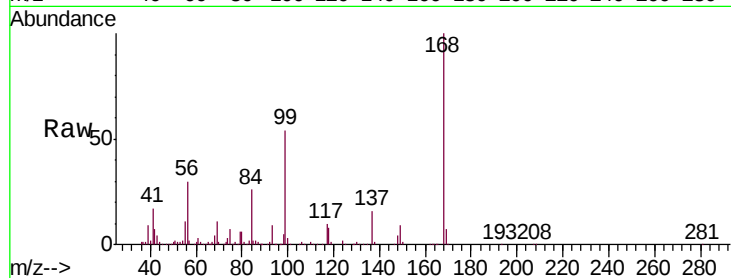
VW0211SBSD01

Tgt Ion: 168 Resp: 415385

Ion Ratio Lower Upper

168 100

99 54.0 45.5 68.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

200000

150000

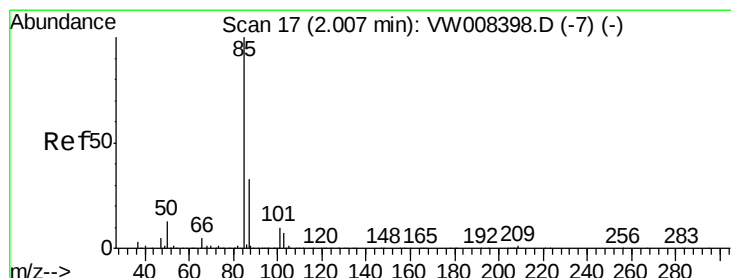
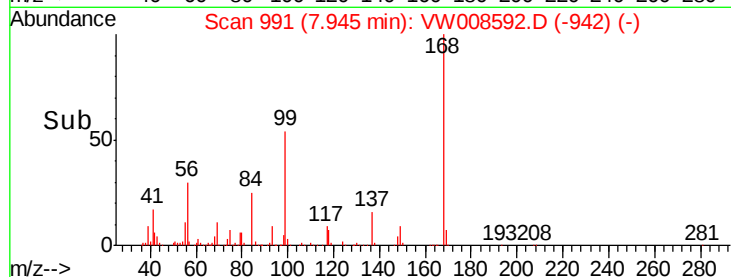
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50000

0

7.80 7.90 8.00 8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 16.441 ug/l

RT: 2.01 min Scan# 17

Delta R.T. 0.00 min

Lab File: VW008592.D

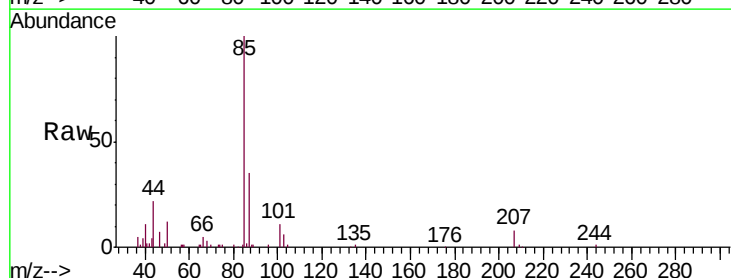
Acq: 11 Feb 2019 12:55

Tgt Ion: 85 Resp: 33861

Ion Ratio Lower Upper

85 100

87 34.8 16.7 50.1



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

12000

10000

8000

6000

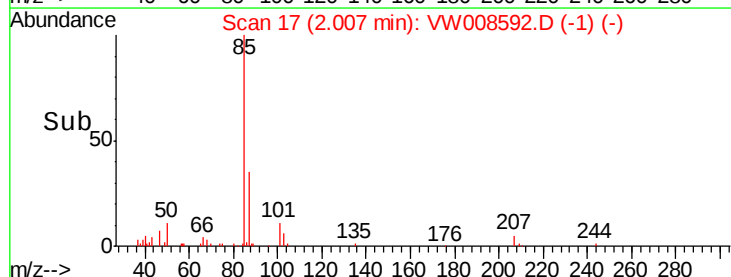
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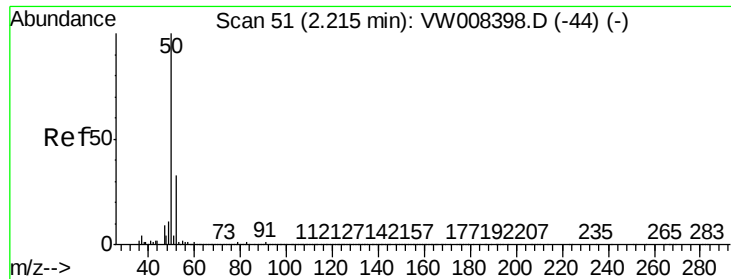
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0

1.90 2.00 2.10

Time-->

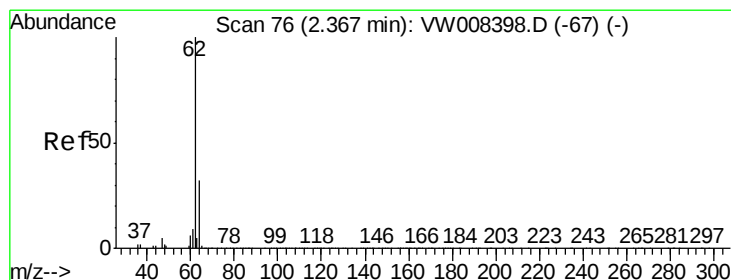
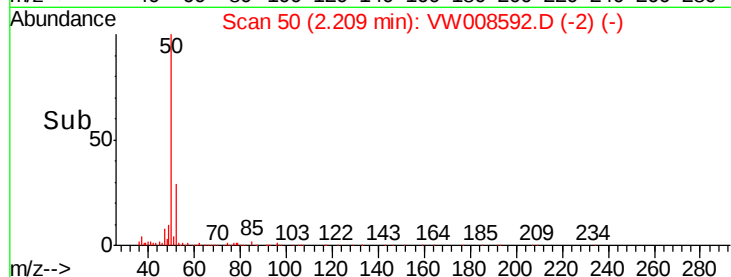
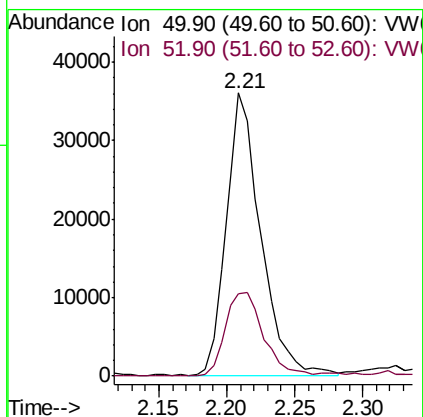
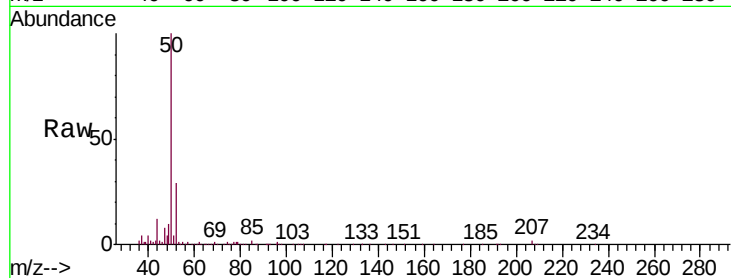




#3
Chloromethane
Concen: 18.584 ug/l
RT: 2.21 min Scan# 50
Delta R.T. -0.01 min
Lab File: VW008592.D
Acq: 11 Feb 2019 12:55

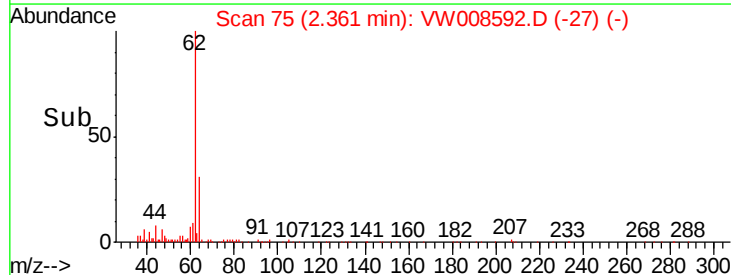
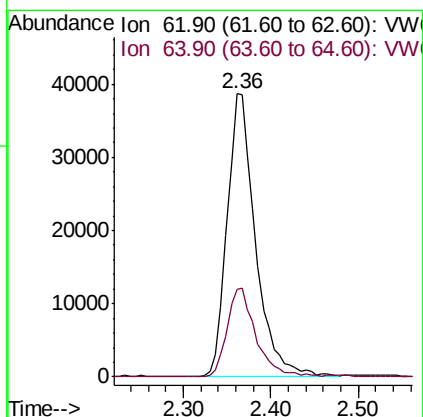
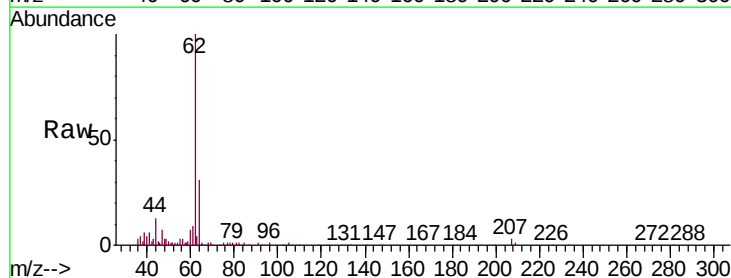
Instrument :
MSVOA_W
ClientSampleId :
VW0211SBSD01

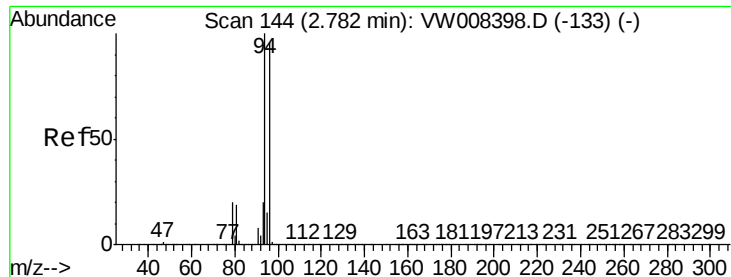
Tgt Ion: 50 Resp: 63013
Ion Ratio Lower Upper
50 100
52 29.1 26.3 39.5



#4
Vinyl Chloride
Concen: 20.300 ug/l
RT: 2.36 min Scan# 75
Delta R.T. -0.01 min
Lab File: VW008592.D
Acq: 11 Feb 2019 12:55

Tgt Ion: 62 Resp: 87622
Ion Ratio Lower Upper
62 100
64 30.8 25.5 38.3





#5

Bromomethane

Concen: 24.303 ug/l

RT: 2.77 min Scan# 142

Delta R.T. -0.01 min

Lab File: VW008592.D

Acq: 11 Feb 2019 12:55

Instrument :

MSVOA_W

ClientSampleId :

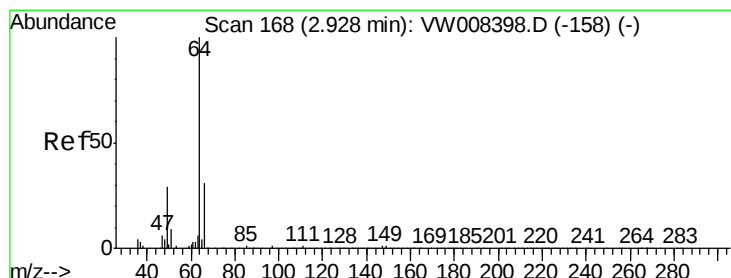
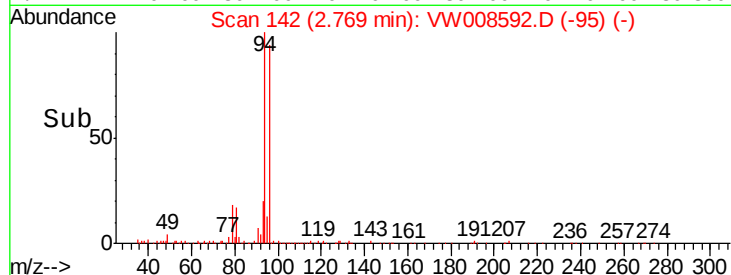
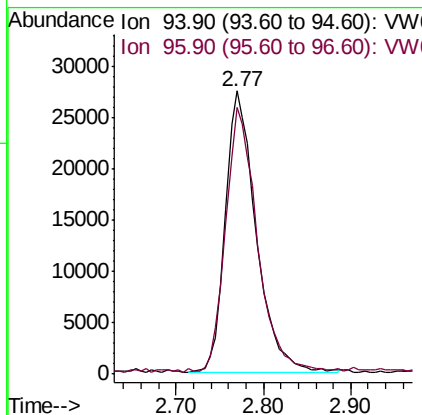
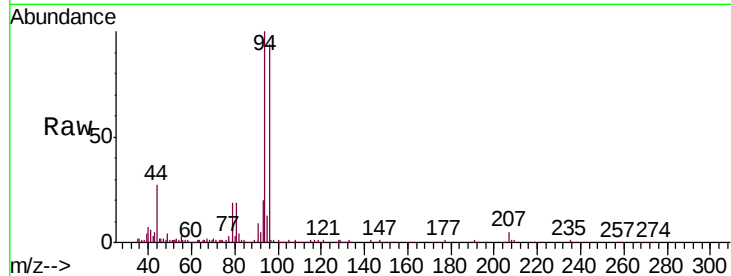
VW0211SBSD01

Tgt Ion: 94 Resp: 67660

Ion Ratio Lower Upper

94 100

96 92.8 77.2 115.8



#6

Chloroethane

Concen: 24.936 ug/l

RT: 2.92 min Scan# 166

Delta R.T. -0.01 min

Lab File: VW008592.D

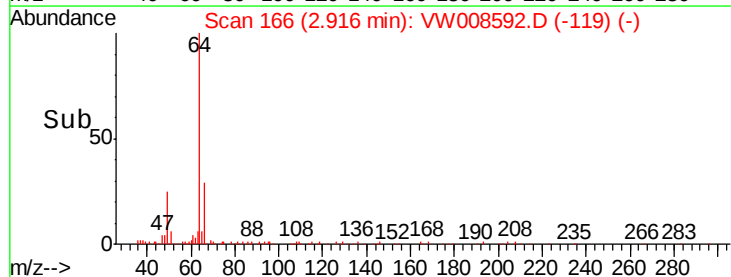
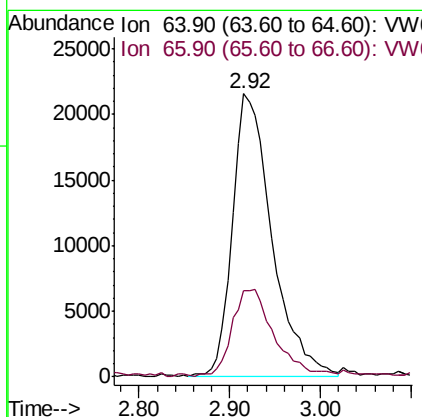
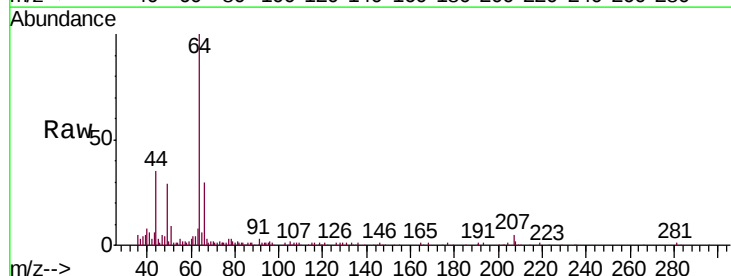
Acq: 11 Feb 2019 12:55

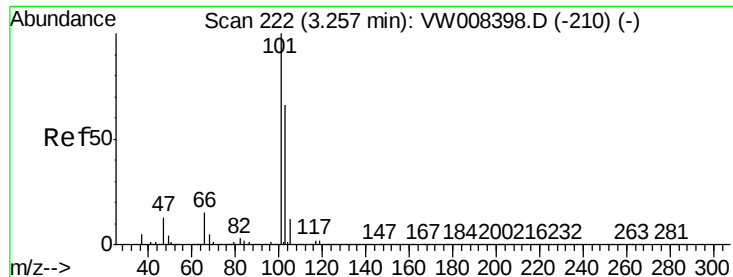
Tgt Ion: 64 Resp: 65823

Ion Ratio Lower Upper

64 100

66 29.8 24.9 37.3



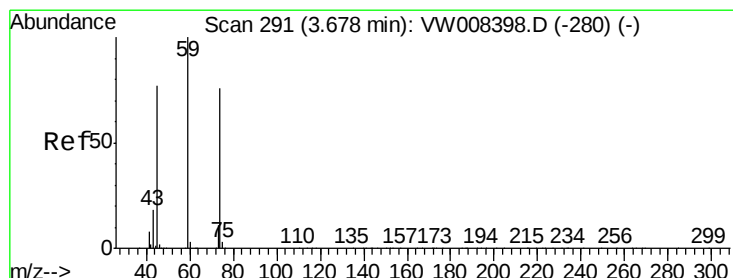
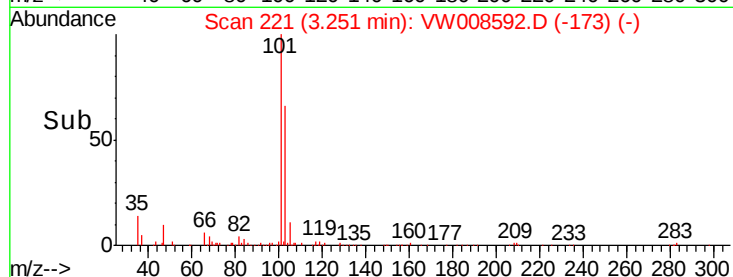
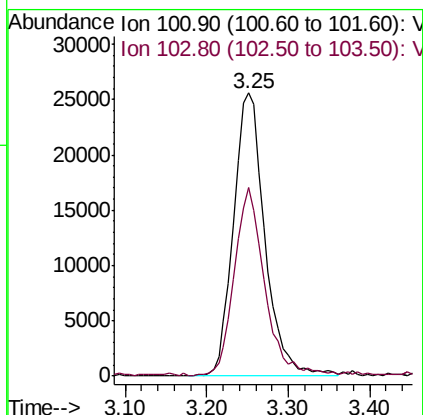
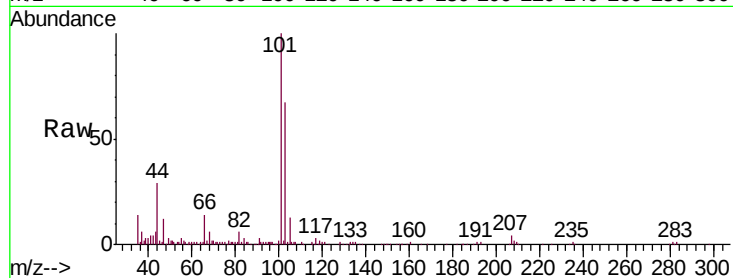


#7

Trichlorofluoromethane
Concen: 21.145 ug/l
RT: 3.25 min Scan# 221
Delta R.T. -0.01 min
Lab File: VW008592.D
Acq: 11 Feb 2019 12:55

Instrument :
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ClientSampleId :
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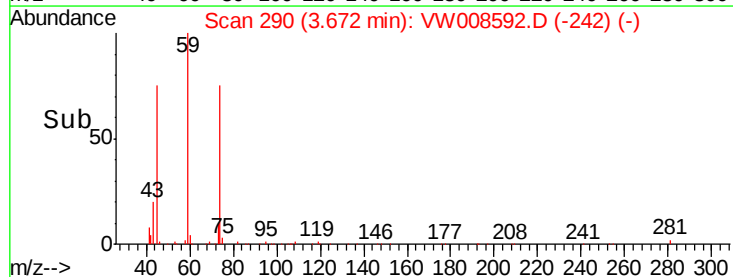
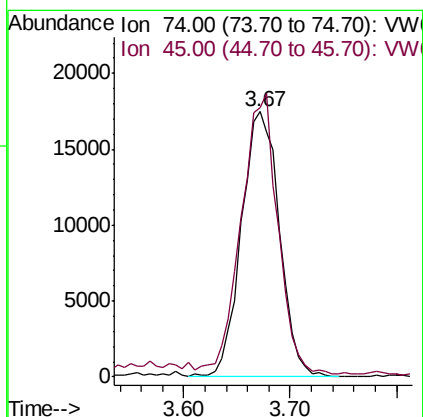
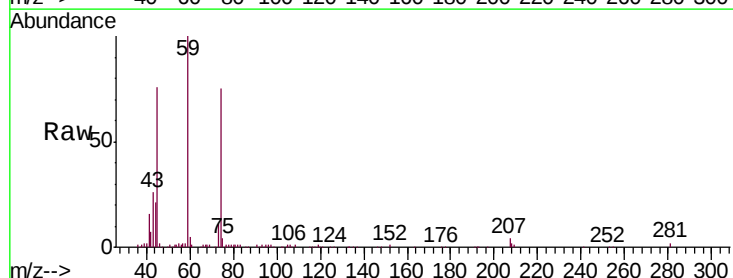
Tgt Ion:101 Resp: 68078
Ion Ratio Lower Upper
101 100
103 66.3 52.5 78.7

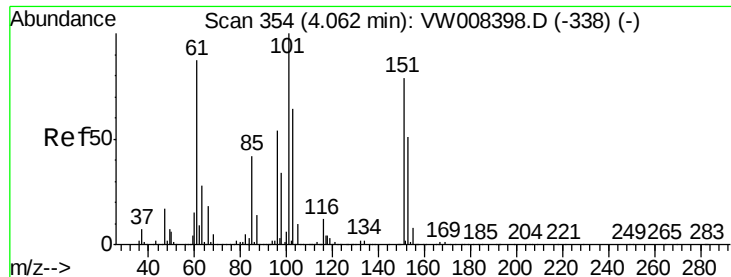


#8

Diethyl Ether
Concen: 21.156 ug/l
RT: 3.67 min Scan# 290
Delta R.T. -0.01 min
Lab File: VW008592.D
Acq: 11 Feb 2019 12:55

Tgt Ion: 74 Resp: 43825
Ion Ratio Lower Upper
74 100
45 102.4 51.7 155.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.715 ug/l

RT: 4.05 min Scan# 352

Delta R.T. -0.01 min

Lab File: VW008592.D

Acq: 11 Feb 2019 12:55

Instrument :

MSVOA_W

ClientSampleId :

VW0211SBSD01

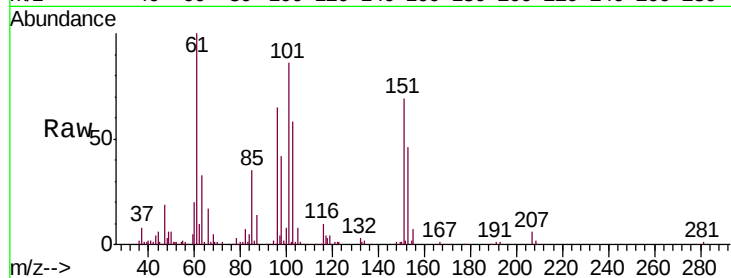
Tgt Ion:101 Resp: 74068

Ion Ratio Lower Upper

101 100

85 45.5 35.0 52.4

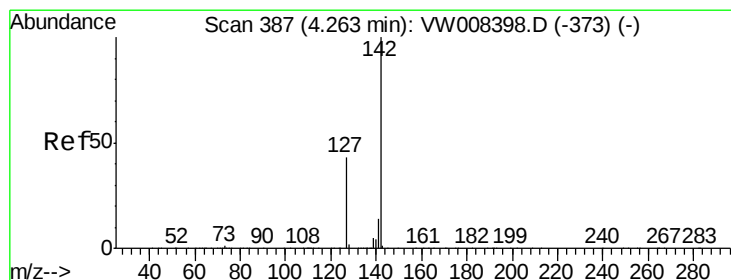
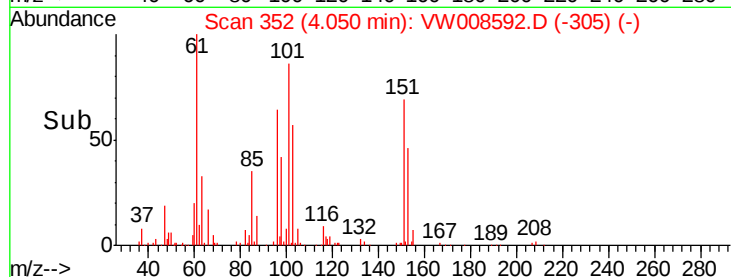
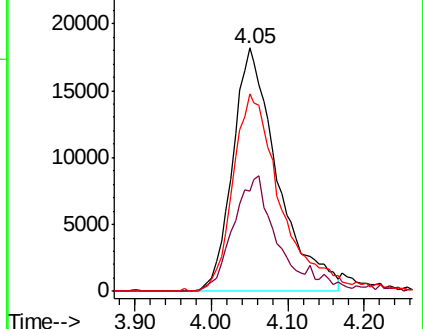
151 85.4 62.6 94.0



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 19.964 ug/l

RT: 4.26 min Scan# 386

Delta R.T. -0.01 min

Lab File: VW008592.D

Acq: 11 Feb 2019 12:55

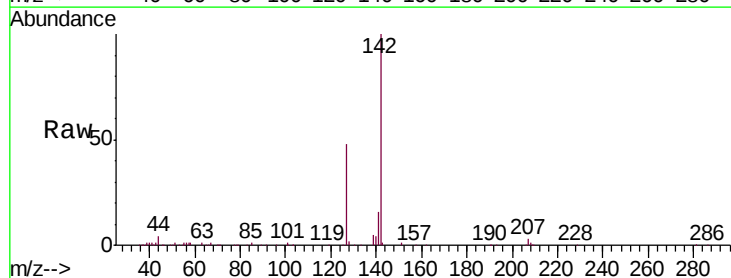
Tgt Ion:142 Resp: 118468

Ion Ratio Lower Upper

142 100

127 43.8 34.6 52.0

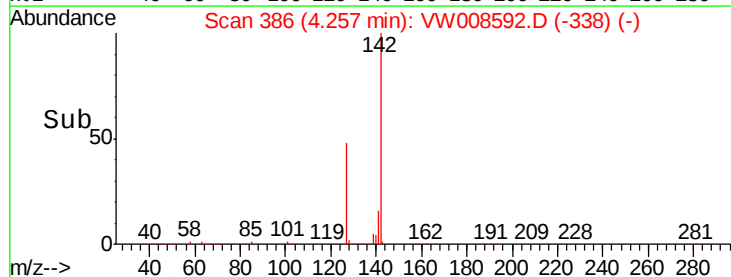
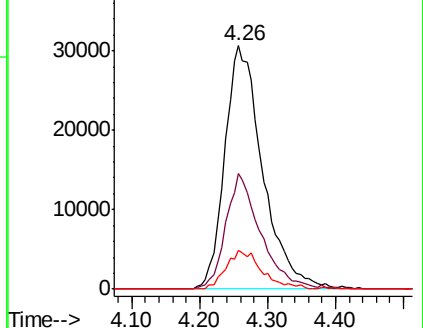
141 15.2 11.4 17.2

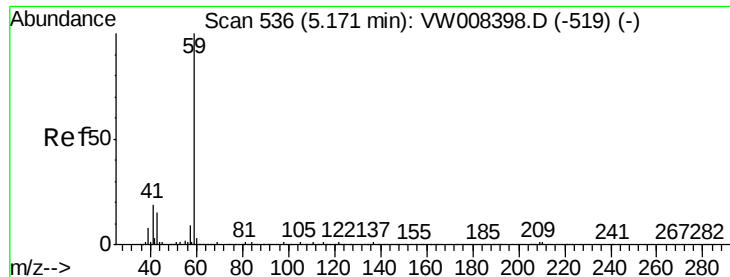


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

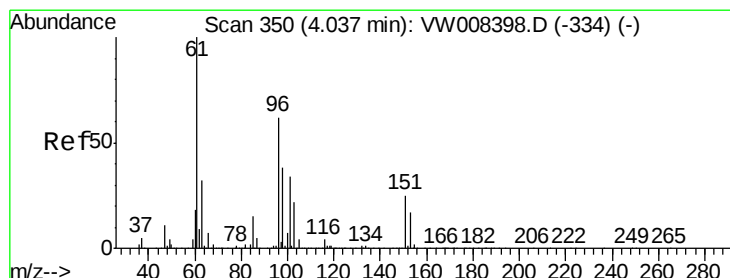
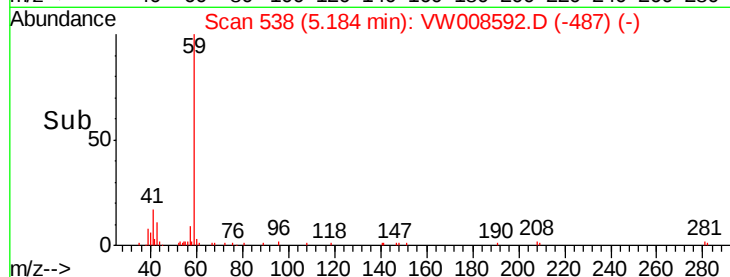
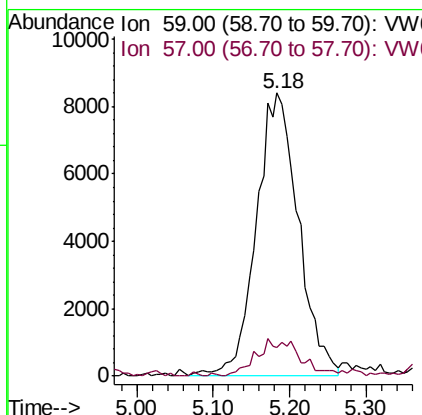
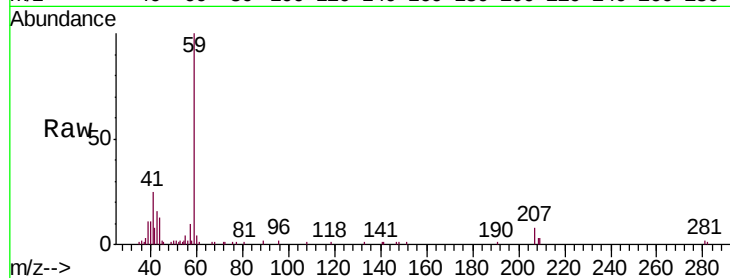




#11
Tert butyl alcohol
Concen: 97.842 ug/l
RT: 5.18 min Scan# 538
Delta R.T. 0.01 min
Lab File: VW008592.D
Acq: 11 Feb 2019 12:55

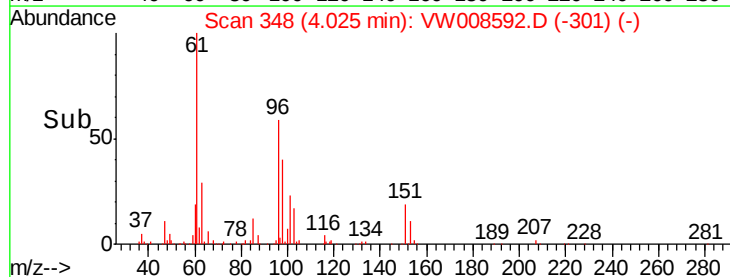
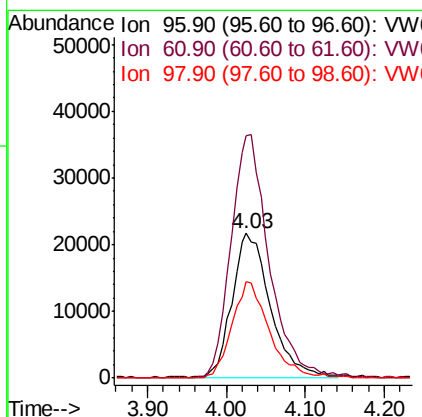
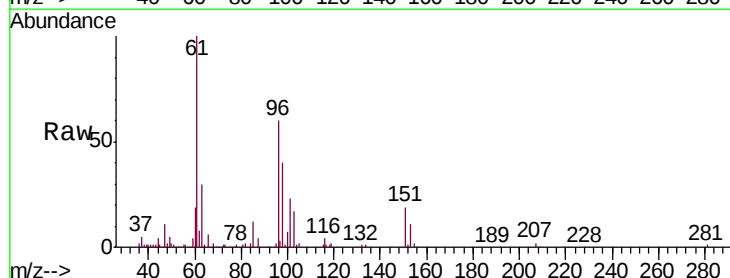
Instrument :
MSVOA_W
ClientSampleId :
VW0211SBSD01

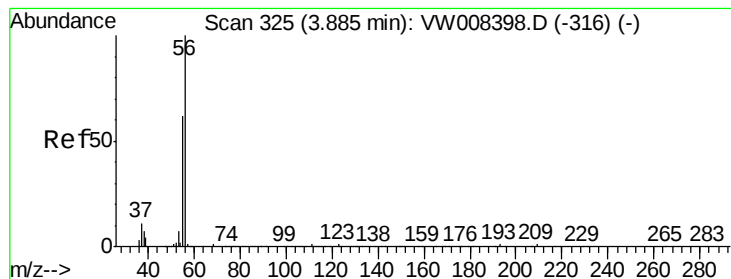
Tgt Ion: 59 Resp: 32146
Ion Ratio Lower Upper
59 100
57 6.7 9.3 13.9#



#12
1,1-Dichloroethene
Concen: 18.944 ug/l
RT: 4.03 min Scan# 348
Delta R.T. -0.01 min
Lab File: VW008592.D
Acq: 11 Feb 2019 12:55

Tgt Ion: 96 Resp: 72026
Ion Ratio Lower Upper
96 100
61 168.6 129.5 194.3
98 66.9 48.6 73.0





#13

Acrolein

Concen: 88.840 ug/l

RT: 3.88 min Scan# 324

Delta R.T. -0.01 min

Lab File: VW008592.D

Acq: 11 Feb 2019 12:55

Instrument :

MSVOA_W

ClientSampleId :

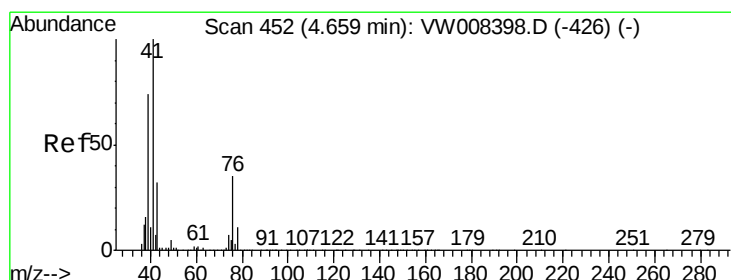
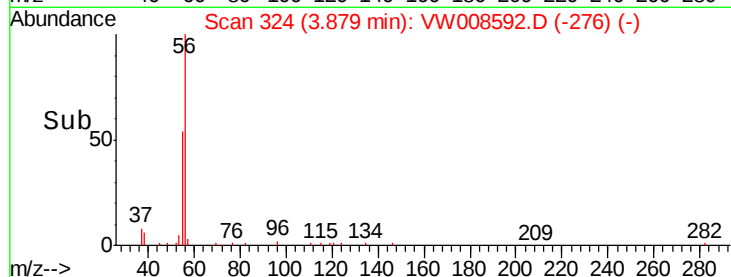
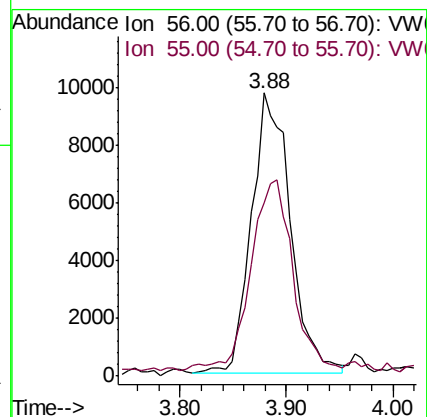
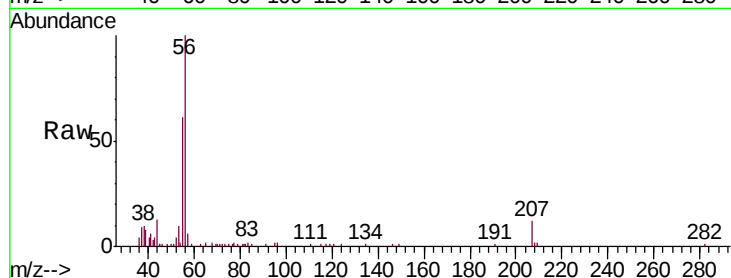
VW0211SBSD01

Tgt Ion: 56 Resp: 24957

Ion Ratio Lower Upper

56 100

55 73.7 56.7 85.1



#14

Allyl chloride

Concen: 18.401 ug/l

RT: 4.65 min Scan# 451

Delta R.T. -0.01 min

Lab File: VW008592.D

Acq: 11 Feb 2019 12:55

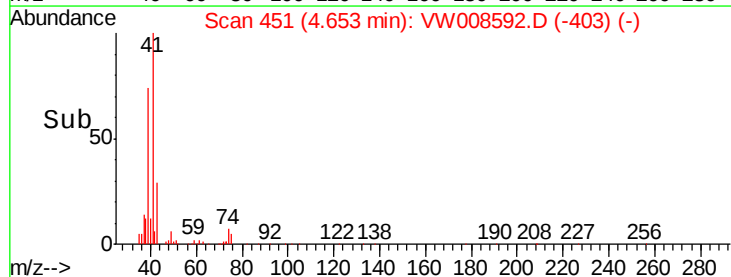
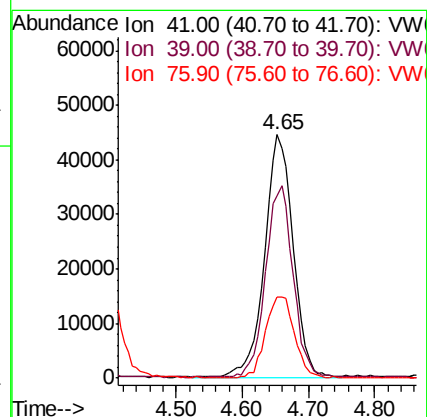
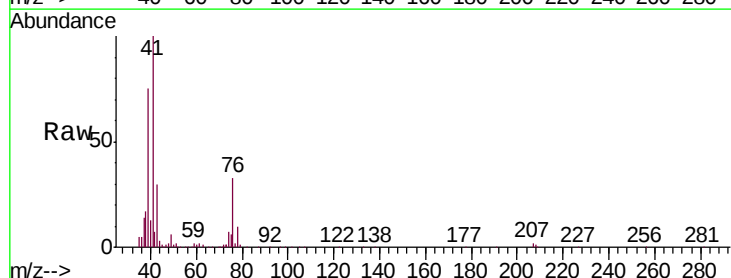
Tgt Ion: 41 Resp: 132849

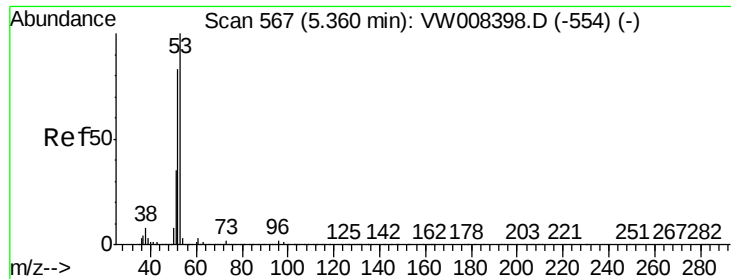
Ion Ratio Lower Upper

41 100

39 75.8 57.7 86.5

76 34.3 26.9 40.3





#15

Acrylonitrile

Concen: 105.224 ug/l

RT: 5.37 min Scan# 568

Delta R.T. 0.01 min

Lab File: VW008592.D

Acq: 11 Feb 2019 12:55

Instrument :

MSVOA_W

ClientSampleId :

VW0211SBSD01

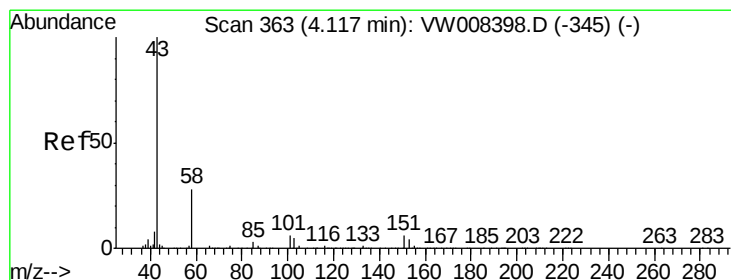
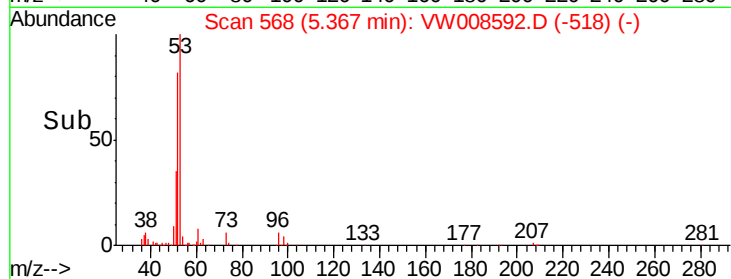
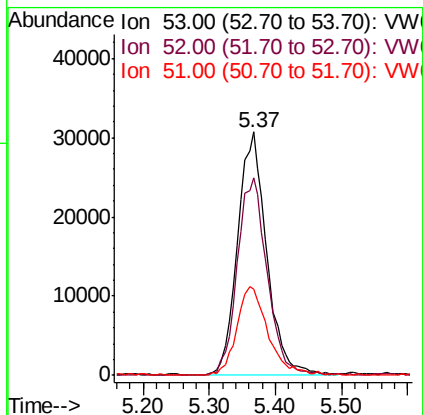
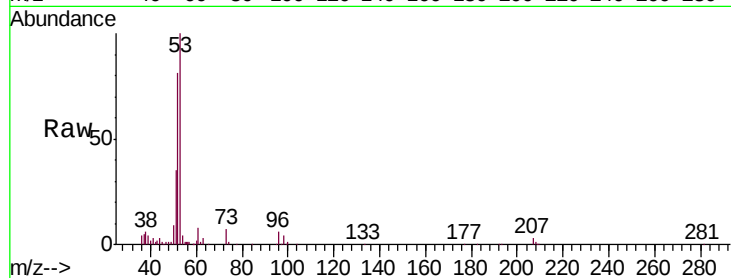
Tgt Ion: 53 Resp: 94123

Ion Ratio Lower Upper

53 100

52 82.9 67.0 100.4

51 38.6 29.8 44.8



#16

Acetone

Concen: 100.637 ug/l

RT: 4.12 min Scan# 363

Delta R.T. 0.00 min

Lab File: VW008592.D

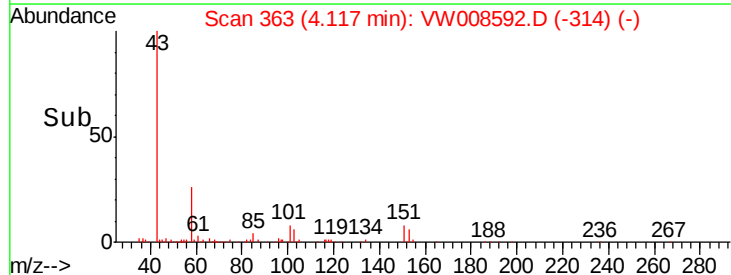
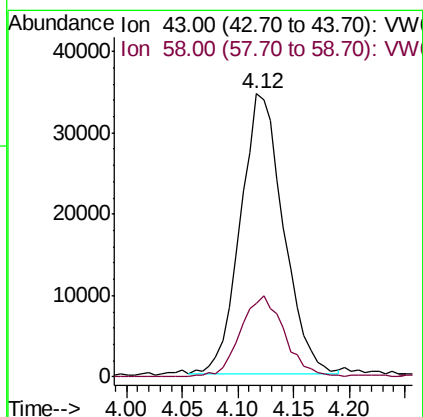
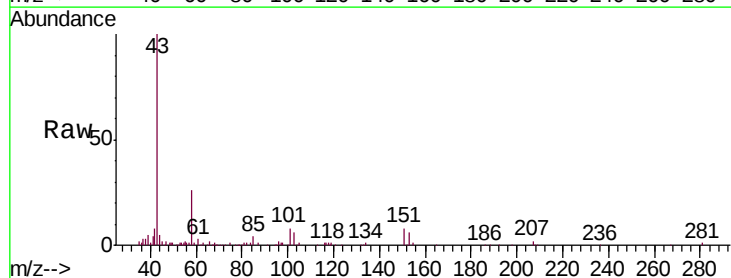
Acq: 11 Feb 2019 12:55

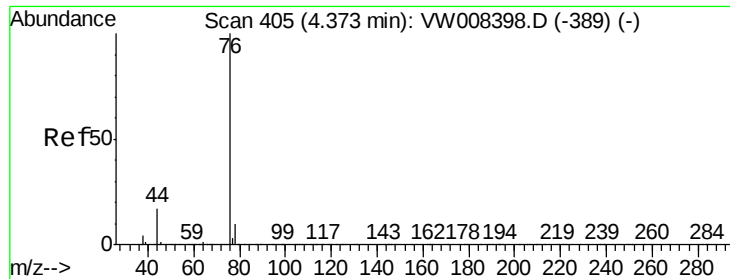
Tgt Ion: 43 Resp: 92223

Ion Ratio Lower Upper

43 100

58 25.7 22.6 34.0

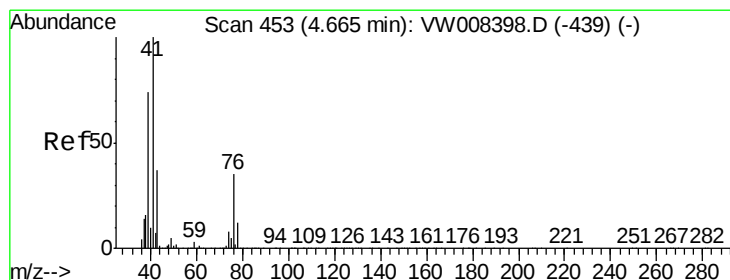
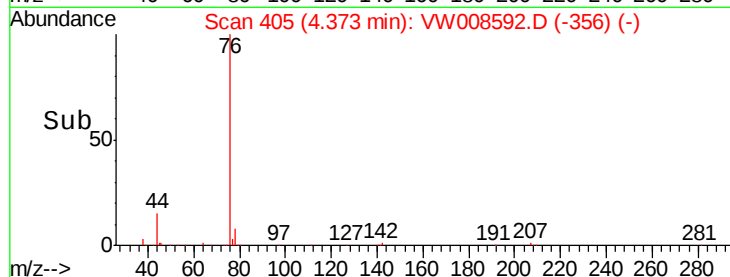
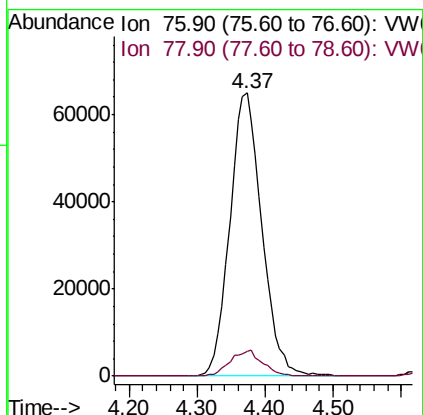
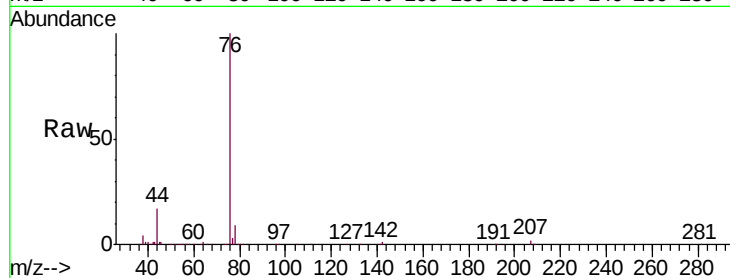




#17
Carbon Disulfide
Concen: 17.483 ug/l
RT: 4.37 min Scan# 405
Delta R.T. 0.00 min
Lab File: VW008592.D
Acq: 11 Feb 2019 12:55

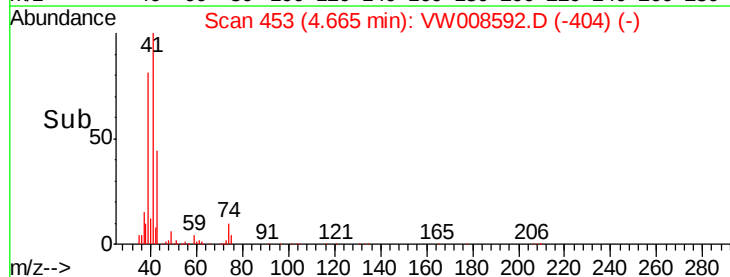
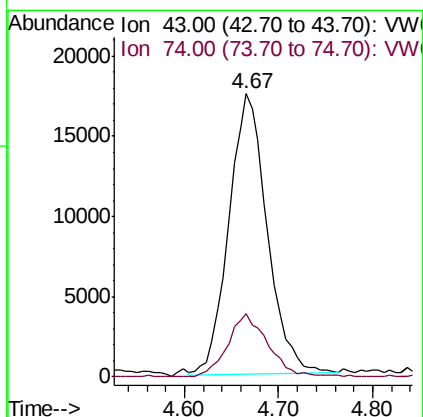
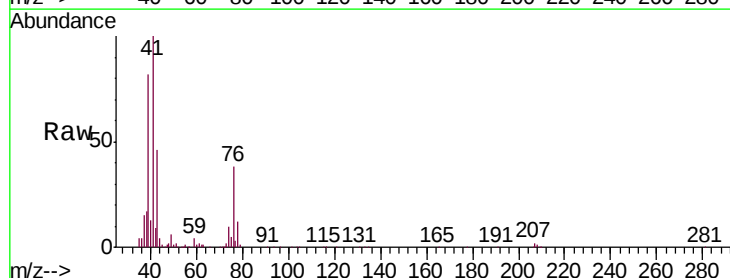
Instrument :
MSVOA_W
ClientSampleId :
VW0211SBSD01

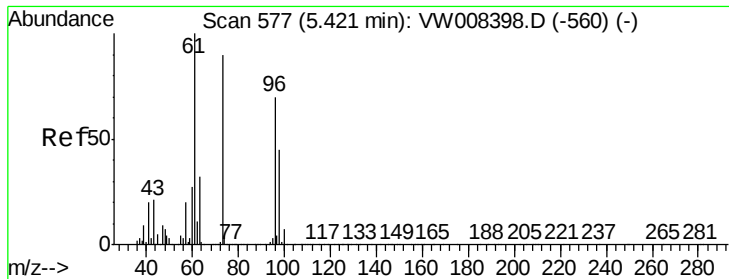
Tgt Ion: 76 Resp: 212301
Ion Ratio Lower Upper
76 100
78 8.9 7.7 11.5



#18
Methyl Acetate
Concen: 20.261 ug/l
RT: 4.67 min Scan# 453
Delta R.T. 0.00 min
Lab File: VW008592.D
Acq: 11 Feb 2019 12:55

Tgt Ion: 43 Resp: 49522
Ion Ratio Lower Upper
43 100
74 23.6 17.5 26.3



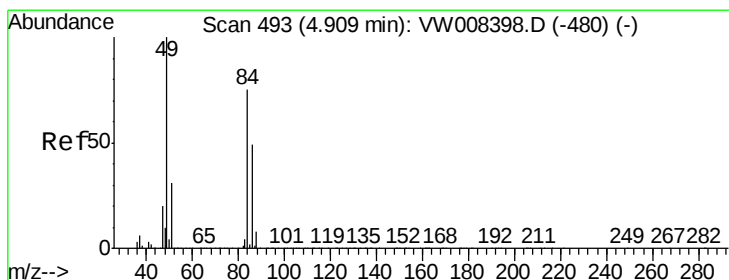
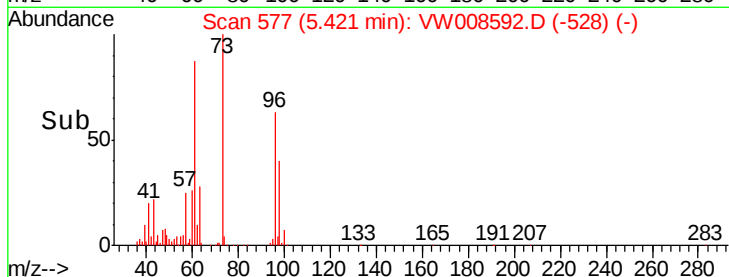
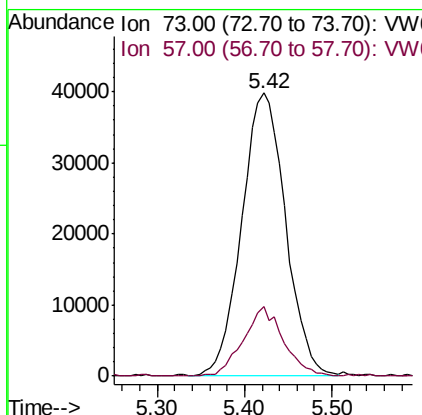
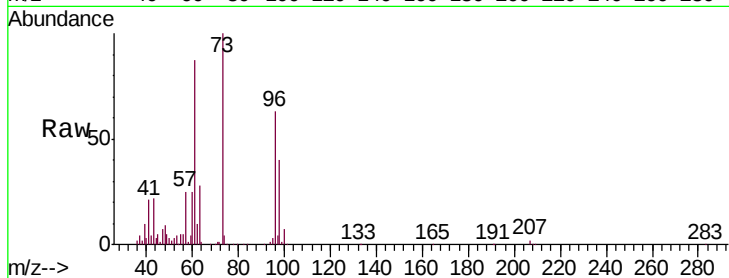


#19

Methyl tert-butyl Ether
 Concen: 21.942 ug/l
 RT: 5.42 min Scan# 577
 Delta R.T. 0.00 min
 Lab File: VW008592.D
 Acq: 11 Feb 2019 12:55

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0211SBSD01

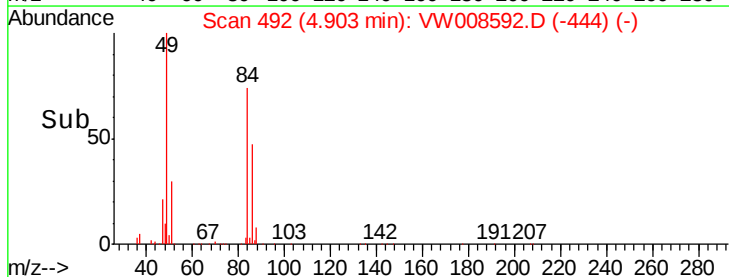
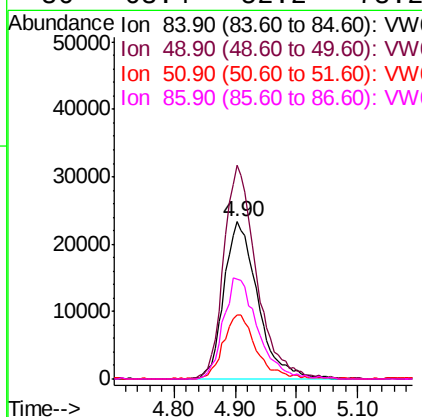
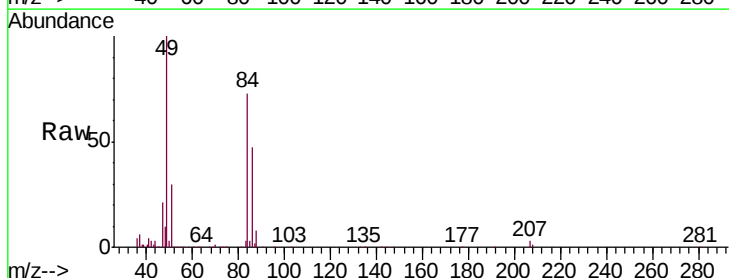
Tgt Ion: 73 Resp: 138029
 Ion Ratio Lower Upper
 73 100
 57 24.4 18.0 27.0

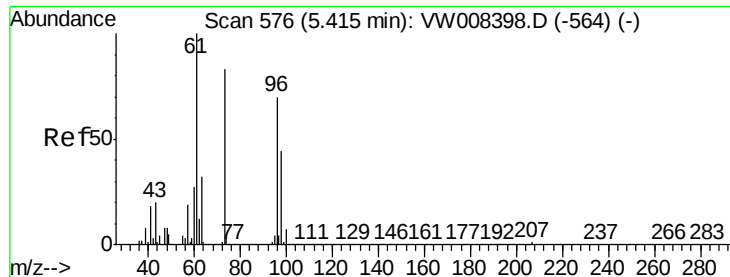


#20

Methylene Chloride
 Concen: 21.123 ug/l
 RT: 4.90 min Scan# 492
 Delta R.T. -0.01 min
 Lab File: VW008592.D
 Acq: 11 Feb 2019 12:55

Tgt Ion: 84 Resp: 89219
 Ion Ratio Lower Upper
 84 100
 49 136.2 106.8 160.2
 51 40.2 32.9 49.3
 86 63.4 52.2 78.2





#21

trans-1,2-Dichloroethene

Concen: 19.496 ug/l

RT: 5.41 min Scan# 575

Delta R.T. -0.01 min

Lab File: VW008592.D

Acq: 11 Feb 2019 12:55

Instrument :

MSVOA_W

ClientSampleId :

VW0211SBSD01

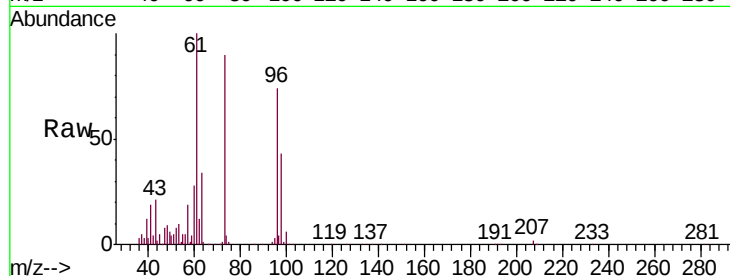
Tgt Ion: 96 Resp: 83335

Ion Ratio Lower Upper

96 100

61 134.9 114.4 171.6

98 58.1 50.6 75.8

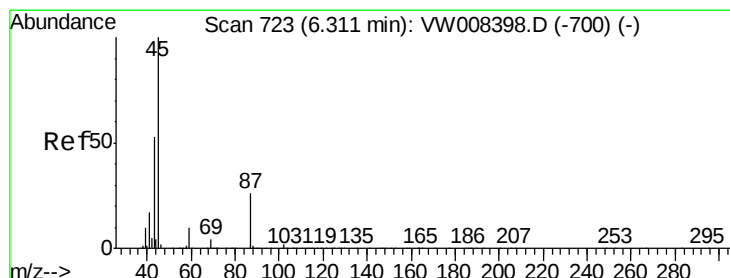
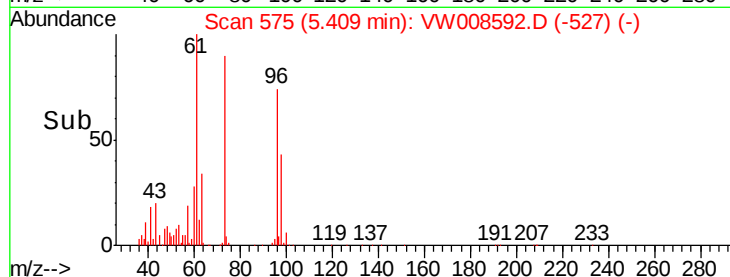
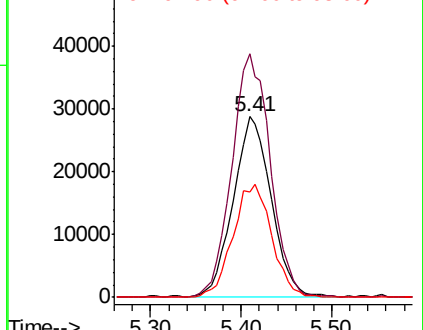


Abundance

Ion 95.90 (95.60 to 96.60): VW

Ion 60.90 (60.60 to 61.60): VW

Ion 97.90 (97.60 to 98.60): VW



#22

Diisopropyl ether

Concen: 19.198 ug/l

RT: 6.31 min Scan# 723

Delta R.T. 0.00 min

Lab File: VW008592.D

Acq: 11 Feb 2019 12:55

Tgt Ion: 45 Resp: 262687

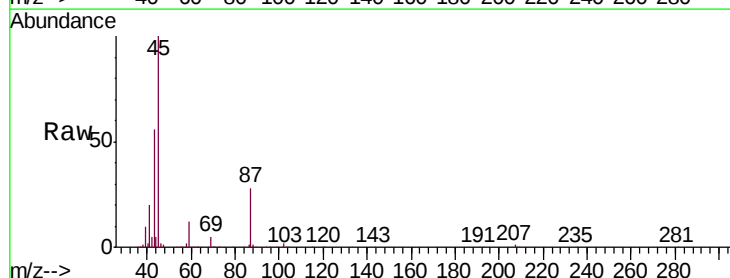
Ion Ratio Lower Upper

45 100

43 55.7 42.6 63.8

87 27.6 20.3 30.5

59 11.6 8.4 12.6



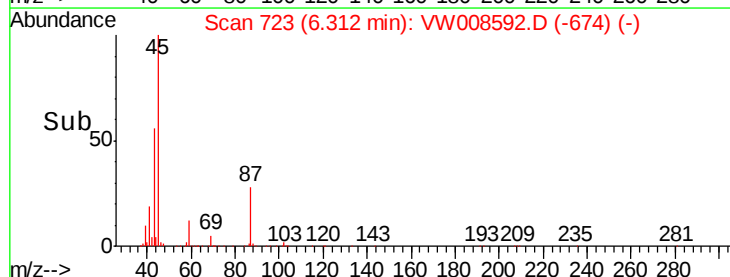
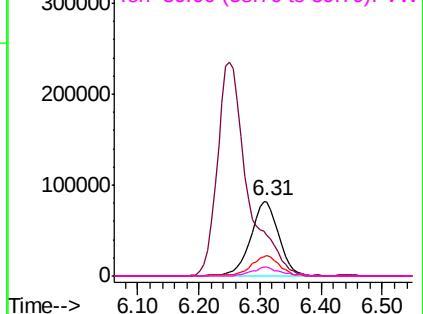
Abundance

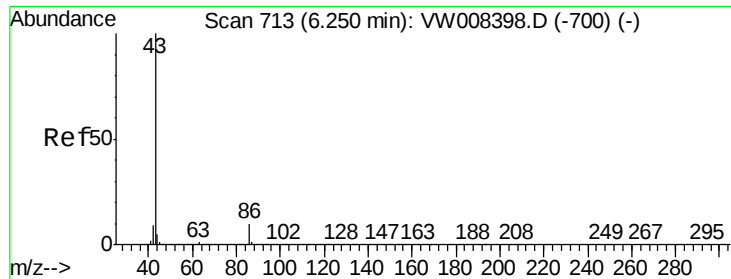
Ion 45.00 (44.70 to 45.70): VW

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: 99.312 ug/l

RT: 6.25 min Scan# 713

Delta R.T. 0.00 min

Lab File: VW008592.D

Acq: 11 Feb 2019 12:55

Instrument :

MSVOA_W

ClientSampleId :

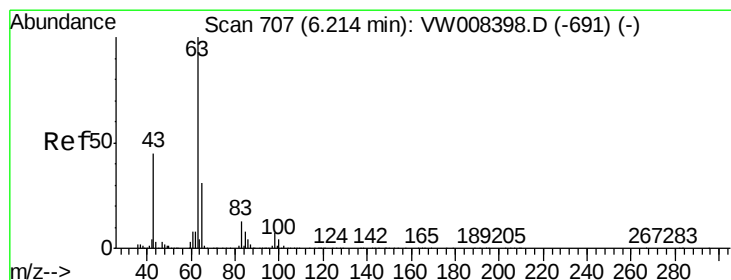
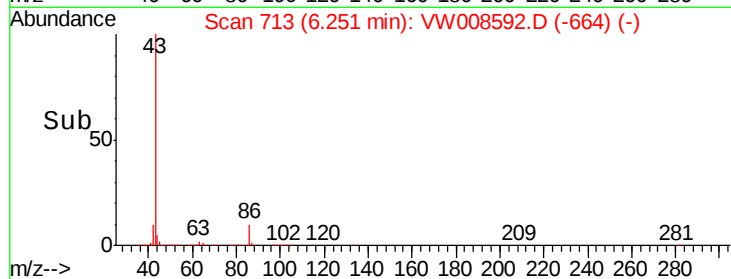
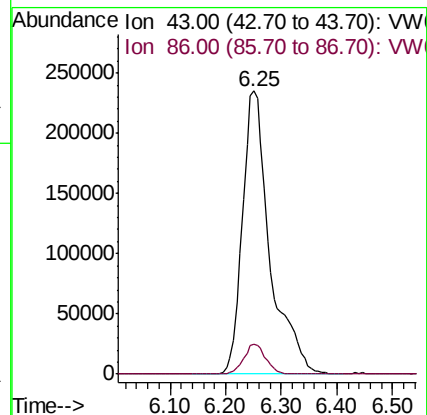
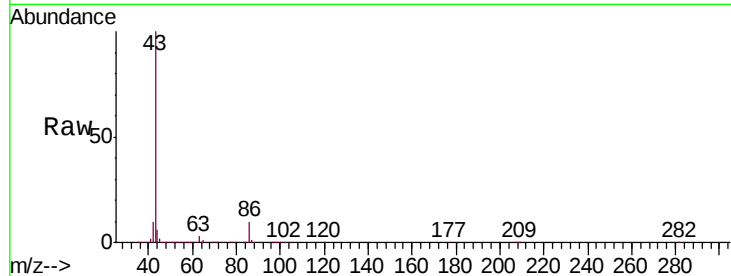
VW0211SBSD01

Tgt Ion: 43 Resp: 802407

Ion Ratio Lower Upper

43 100

86 10.5 7.8 11.8



#24

1,1-Dichloroethane

Concen: 19.800 ug/l

RT: 6.20 min Scan# 705

Delta R.T. -0.01 min

Lab File: VW008592.D

Acq: 11 Feb 2019 12:55

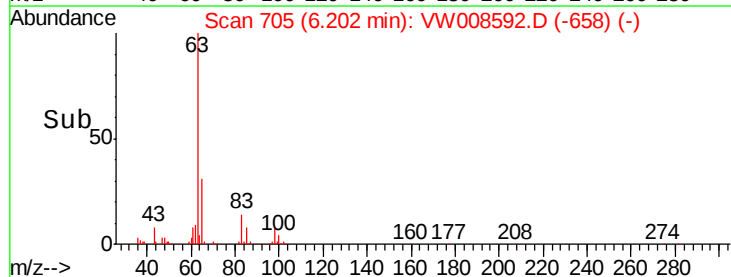
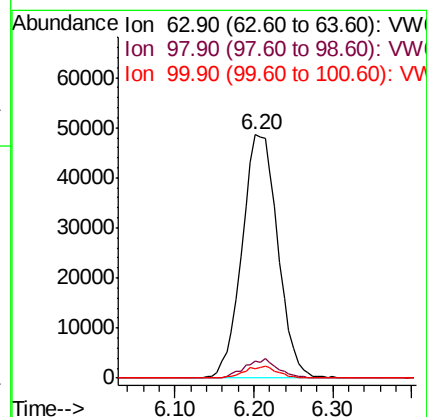
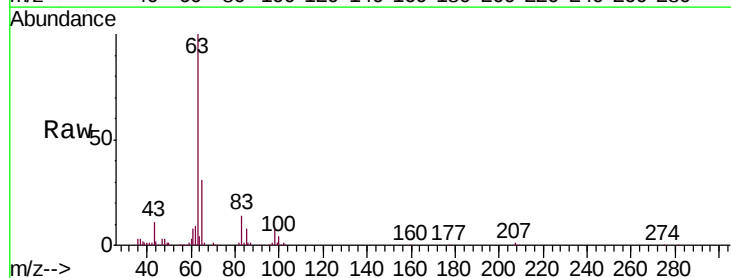
Tgt Ion: 63 Resp: 153359

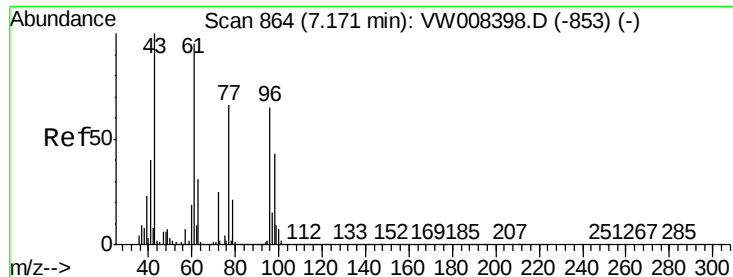
Ion Ratio Lower Upper

63 100

98 7.1 3.5 10.5

100 4.0 2.1 6.2





#25

2-Butanone

Concen: 104.151 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.00 min

Lab File: VW008592.D

Acq: 11 Feb 2019 12:55

Instrument :

MSVOA_W

ClientSampleId :

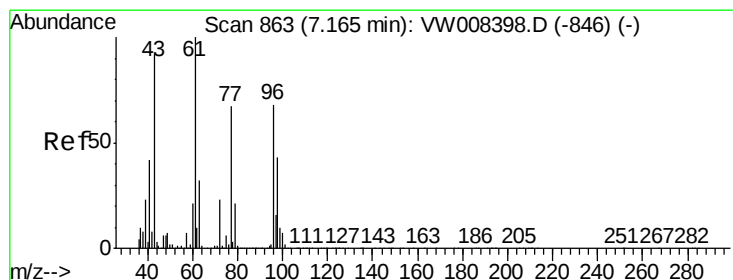
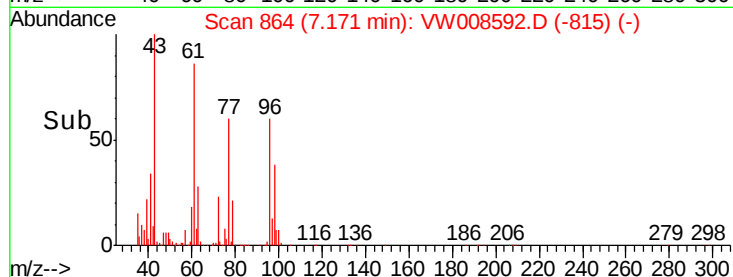
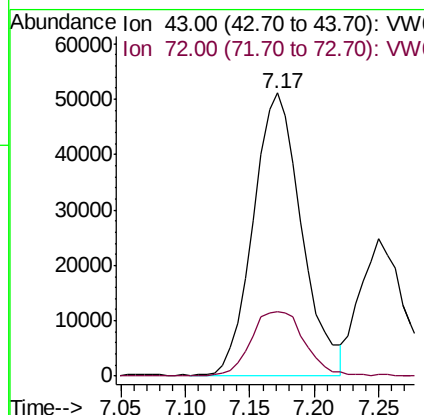
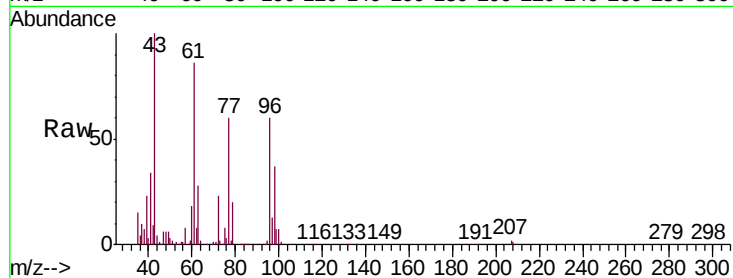
VW0211SBSD01

Tgt Ion: 43 Resp: 132570

Ion Ratio Lower Upper

43 100

72 22.6 20.1 30.1



#26

2,2-Dichloropropane

Concen: 19.437 ug/l

RT: 7.17 min Scan# 863

Delta R.T. 0.00 min

Lab File: VW008592.D

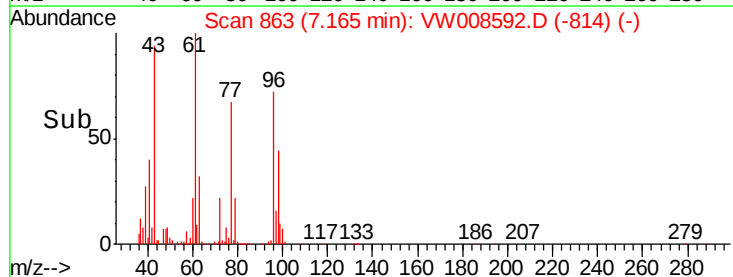
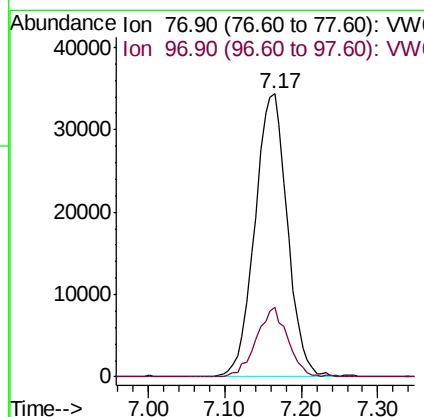
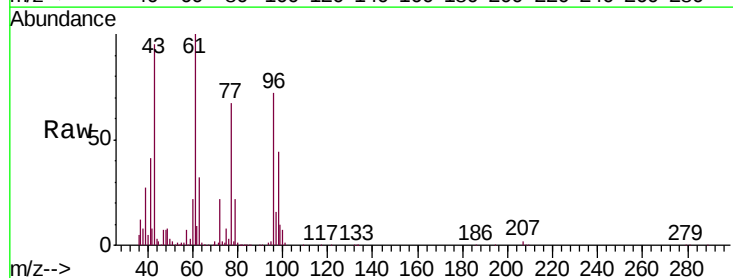
Acq: 11 Feb 2019 12:55

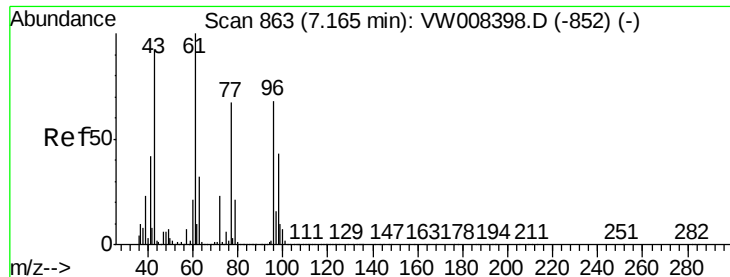
Tgt Ion: 77 Resp: 101760

Ion Ratio Lower Upper

77 100

97 23.7 11.5 34.5



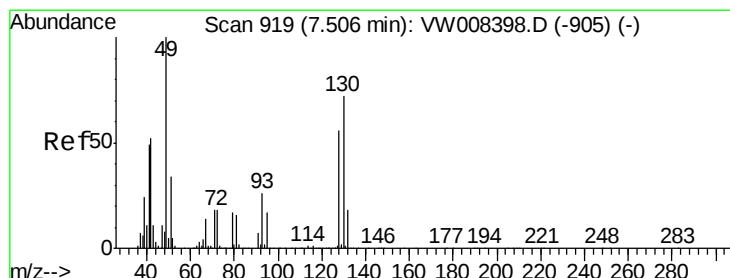
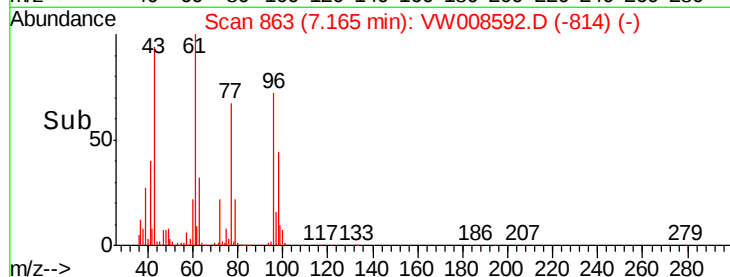
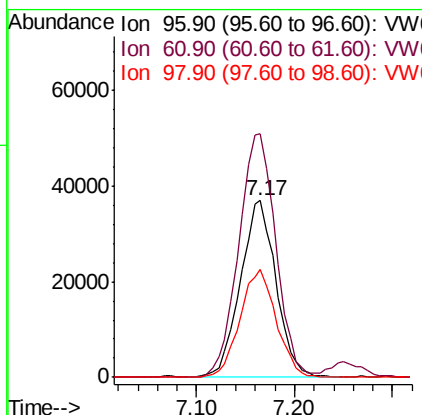
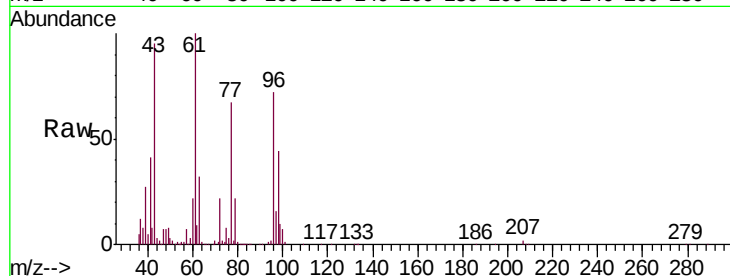


#27

cis-1,2-Dichloroethene
 Concen: 20.065 ug/l
 RT: 7.17 min Scan# 863
 Delta R.T. 0.00 min
 Lab File: VW008592.D
 Acq: 11 Feb 2019 12:55

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0211SBSD01

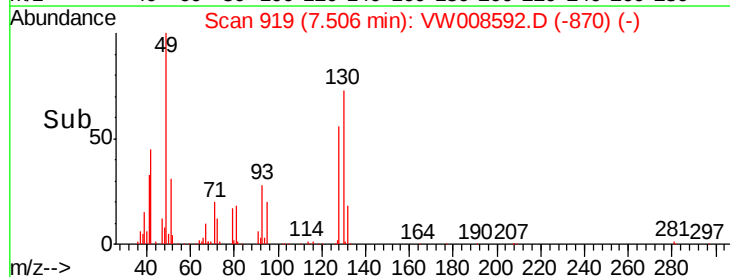
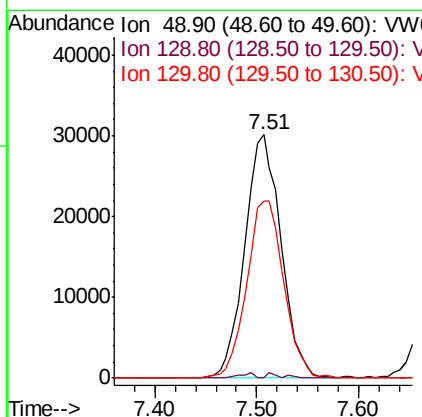
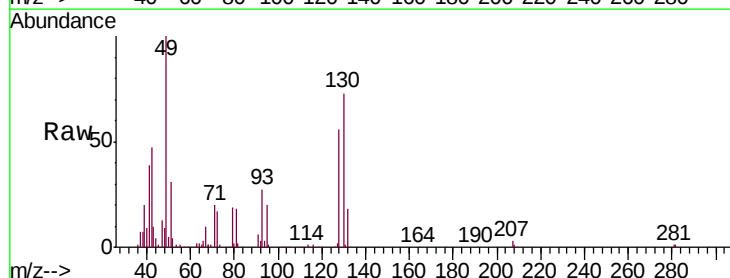
Tgt Ion: 96 Resp: 93474
 Ion Ratio Lower Upper
 96 100
 61 143.6 0.0 292.8
 98 61.8 0.0 129.2

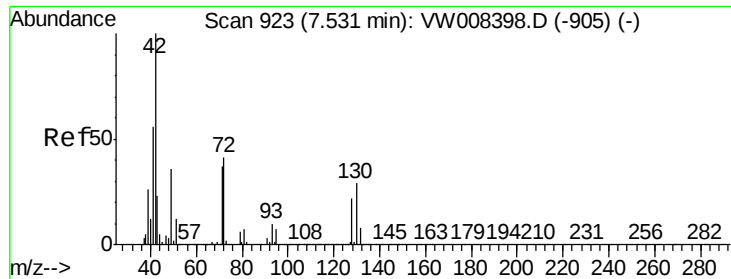


#28

Bromochloromethane
 Concen: 20.882 ug/l
 RT: 7.51 min Scan# 919
 Delta R.T. 0.00 min
 Lab File: VW008592.D
 Acq: 11 Feb 2019 12:55

Tgt Ion: 49 Resp: 74285
 Ion Ratio Lower Upper
 49 100
 129 0.5 0.0 4.6
 130 74.6 58.6 87.8

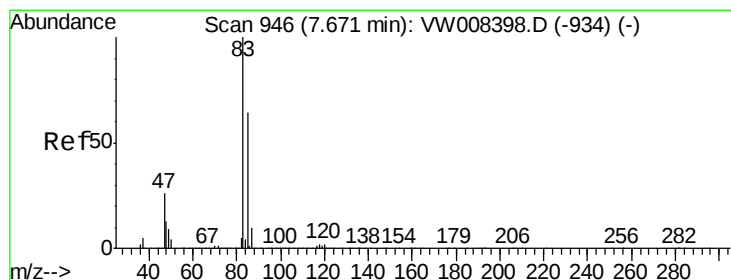
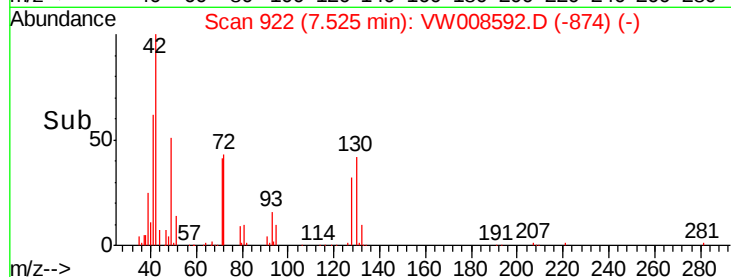
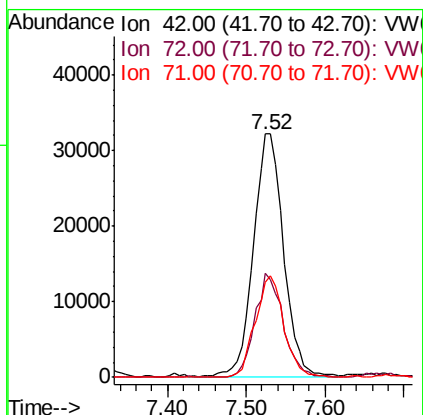
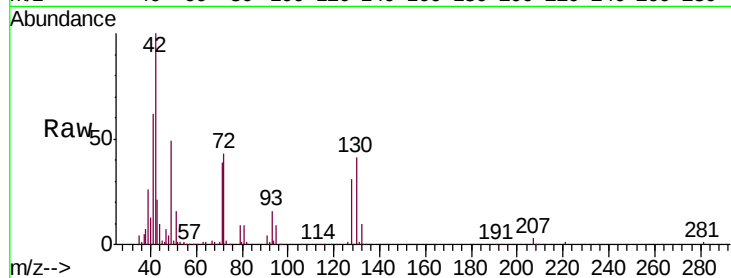




#29
Tetrahydrofuran
Concen: 106.790 ug/l
RT: 7.52 min Scan# 922
Delta R.T. -0.01 min
Lab File: VW008592.D
Acq: 11 Feb 2019 12:55

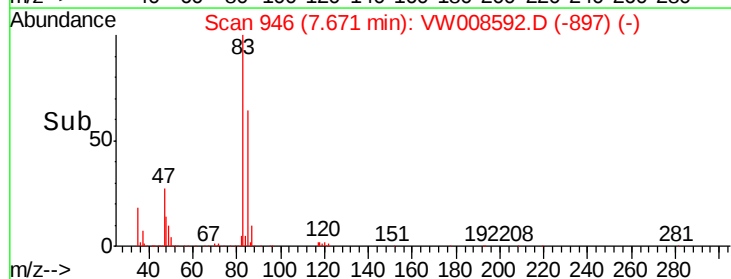
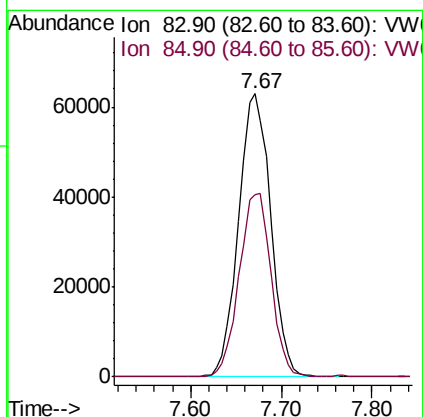
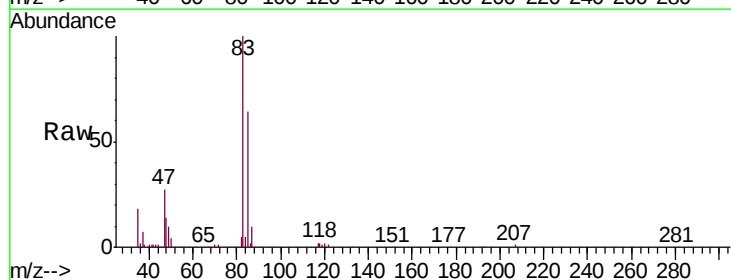
Instrument :
MSVOA_W
ClientSampleId :
VW0211SBSD01

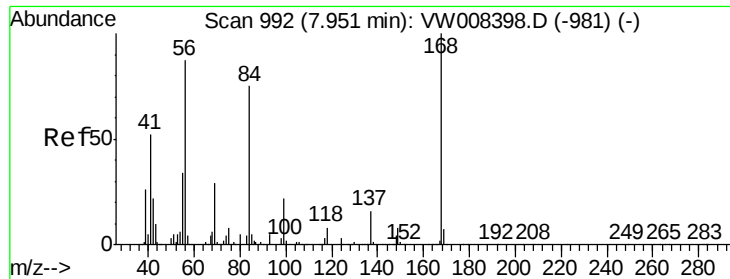
Tgt Ion	Ratio	Lower	Upper
42	100		
72	39.8	31.9	47.9
71	39.3	29.9	44.9



#30
Chloroform
Concen: 20.298 ug/l
RT: 7.67 min Scan# 946
Delta R.T. 0.00 min
Lab File: VW008592.D
Acq: 11 Feb 2019 12:55

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.4	50.9	76.3

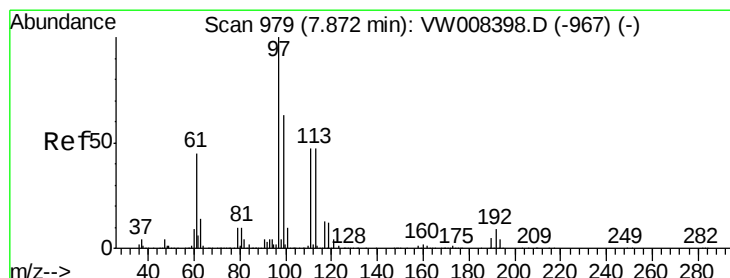
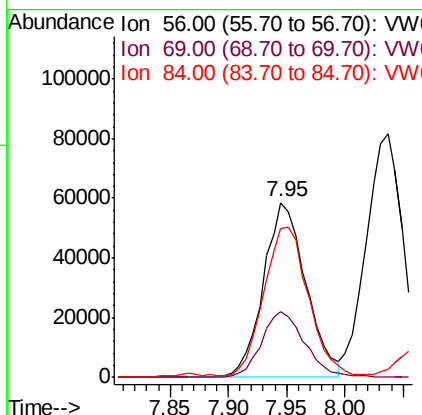
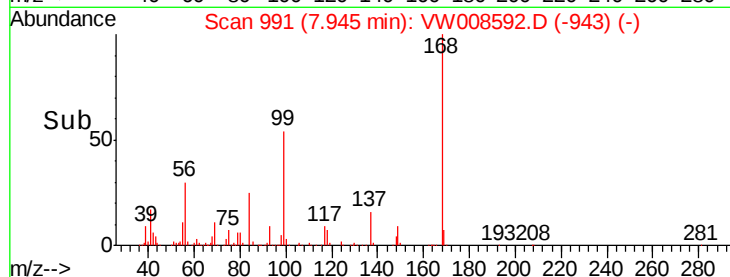
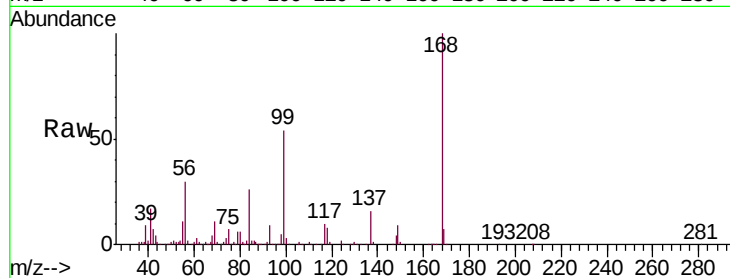




#31
Cyclohexane
Concen: 18.482 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.01 min
Lab File: VW008592.D
Acq: 11 Feb 2019 12:55

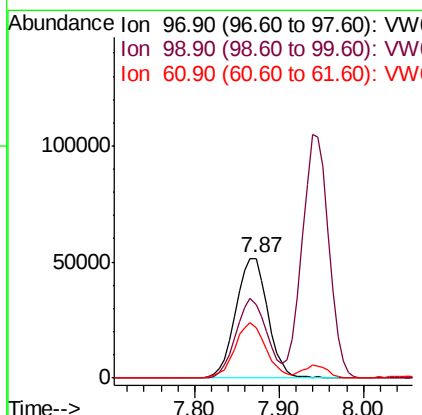
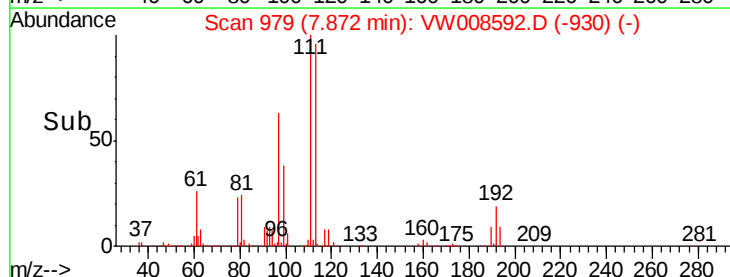
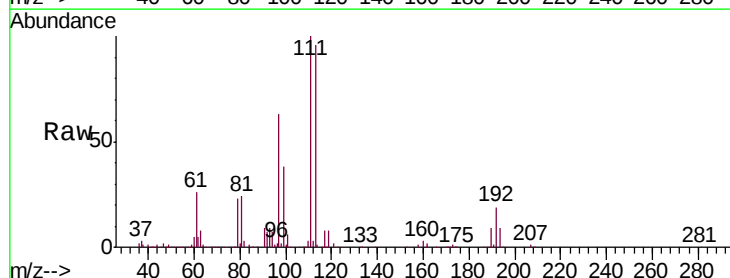
Instrument :
MSVOA_W
ClientSampled :
VW0211SBSD01

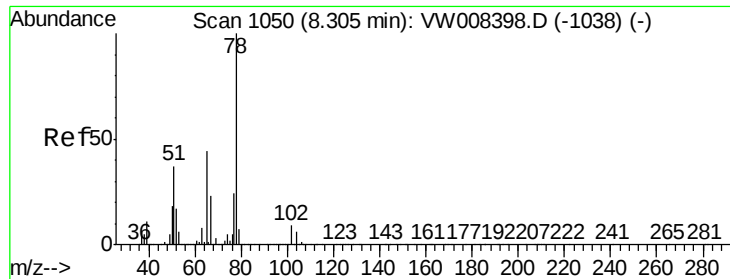
Tgt Ion: 56 Resp: 148015
Ion Ratio Lower Upper
56 100
69 37.5 26.4 39.6
84 83.1 69.1 103.7



#32
1,1,1-Trichloroethane
Concen: 20.133 ug/l
RT: 7.87 min Scan# 979
Delta R.T. 0.00 min
Lab File: VW008592.D
Acq: 11 Feb 2019 12:55

Tgt Ion: 97 Resp: 132475
Ion Ratio Lower Upper
97 100
99 63.8 51.3 76.9
61 44.7 36.2 54.4





#33

1,2-Dichloroethane-d4

Concen: 55.114 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VW008592.D

Acq: 11 Feb 2019 12:55

Instrument :

MSVOA_W

ClientSampleId :

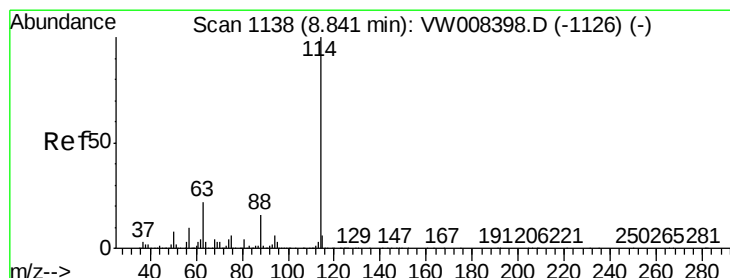
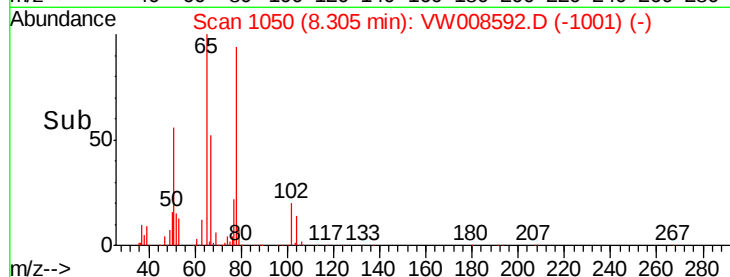
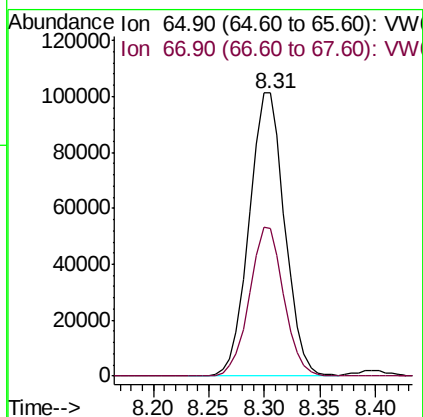
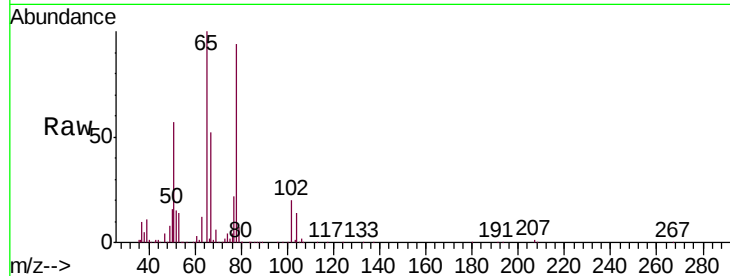
VW0211SBSD01

Tgt Ion: 65 Resp: 224909

Ion Ratio Lower Upper

65 100

67 51.1 0.0 104.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. 0.00 min

Lab File: VW008592.D

Acq: 11 Feb 2019 12:55

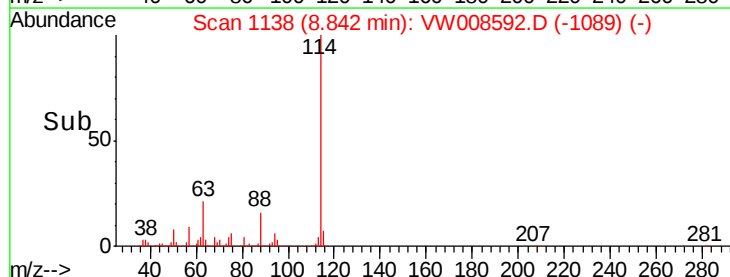
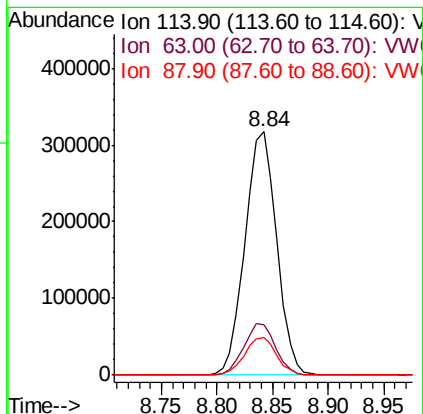
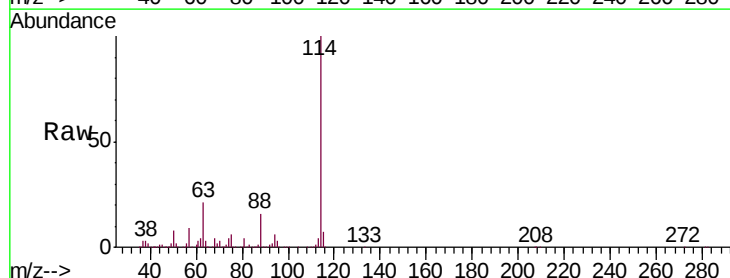
Tgt Ion: 114 Resp: 629722

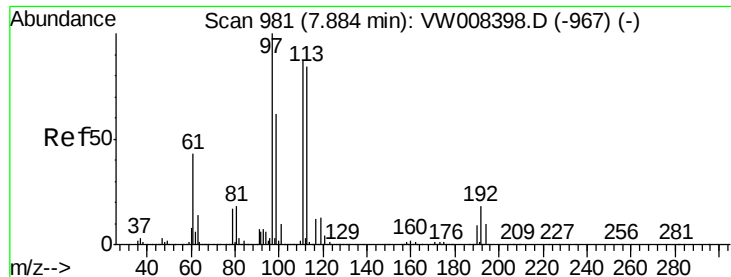
Ion Ratio Lower Upper

114 100

63 20.8 0.0 43.6

88 15.7 0.0 31.8

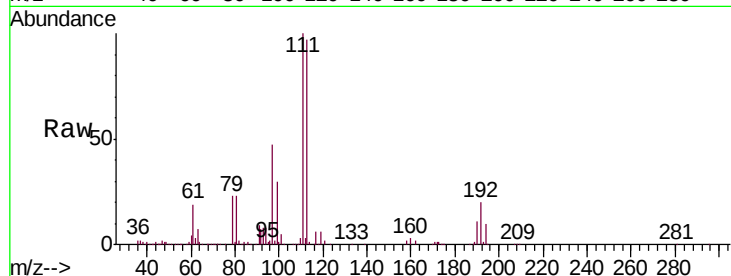




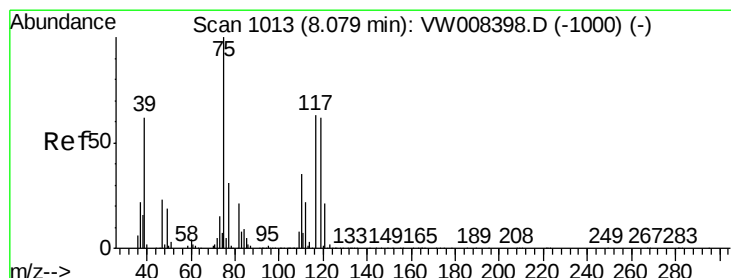
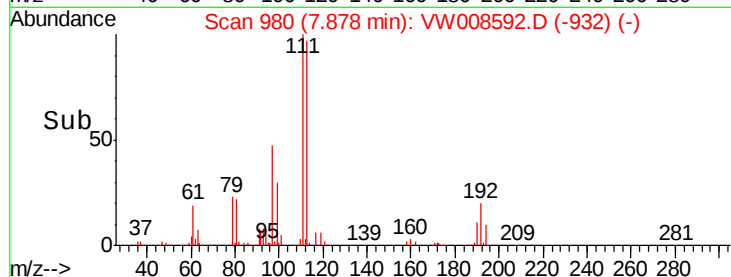
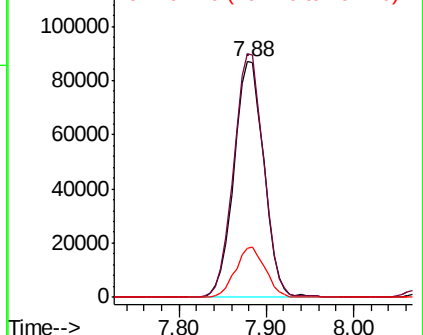
#35
Dibromofluoromethane
Concen: 56.418 ug/l
RT: 7.88 min Scan# 980
Delta R.T. -0.01 min
Lab File: VW008592.D
Acq: 11 Feb 2019 12:55

Instrument :
MSVOA_W
ClientSampleId :
VW0211SBSD01

Tgt Ion: 113 Resp: 207741
Ion Ratio Lower Upper
113 100
111 103.5 81.0 121.4
192 21.0 16.8 25.2

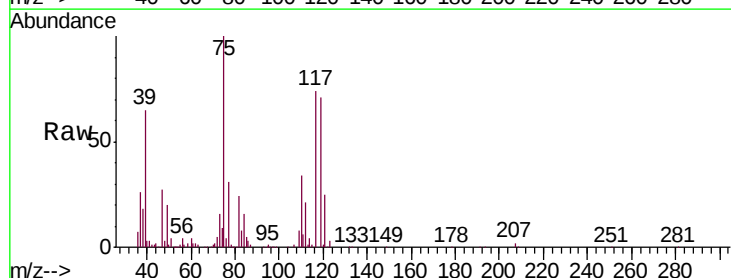


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

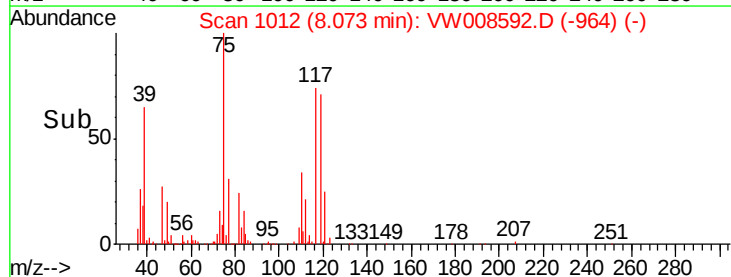
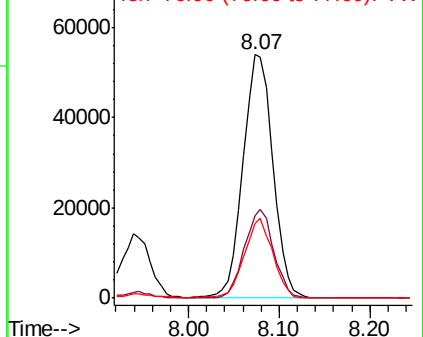


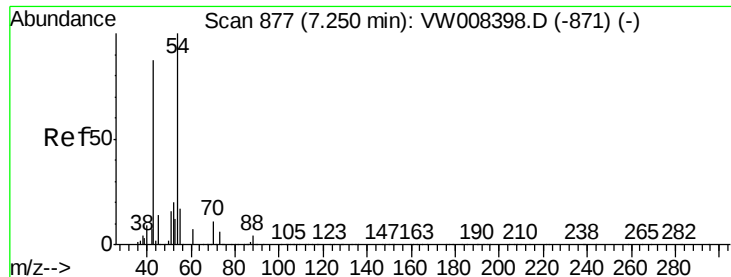
#36
1,1-Dichloropropene
Concen: 20.837 ug/l
RT: 8.07 min Scan# 1012
Delta R.T. -0.01 min
Lab File: VW008592.D
Acq: 11 Feb 2019 12:55

Tgt Ion: 75 Resp: 123946
Ion Ratio Lower Upper
75 100
110 35.5 17.3 52.0
77 31.1 24.7 37.1



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

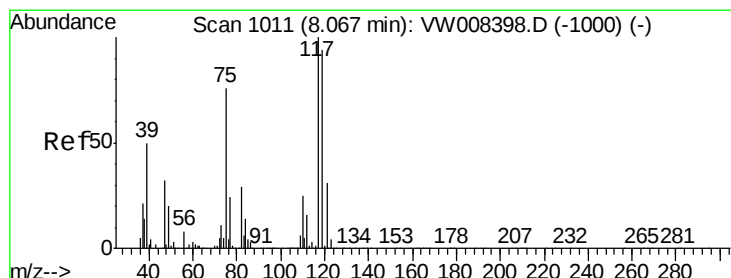
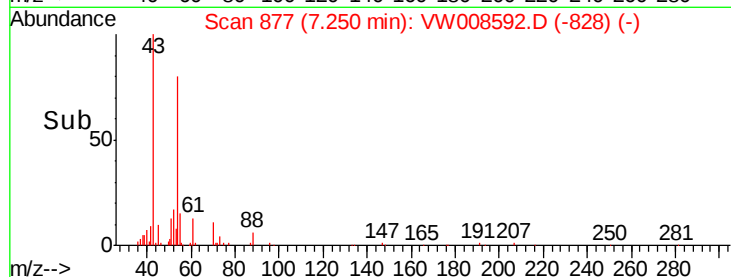
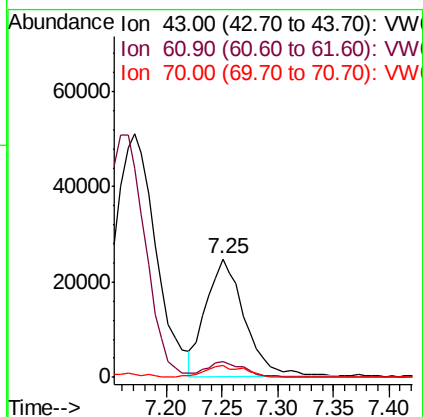
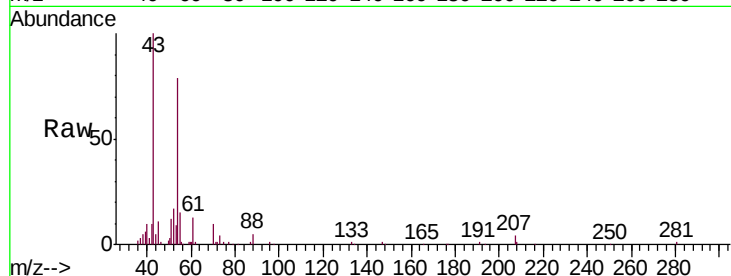




#37
Ethyl Acetate
Concen: 22.538 ug/l
RT: 7.25 min Scan# 877
Delta R.T. 0.00 min
Lab File: VW008592.D
Acq: 11 Feb 2019 12:55

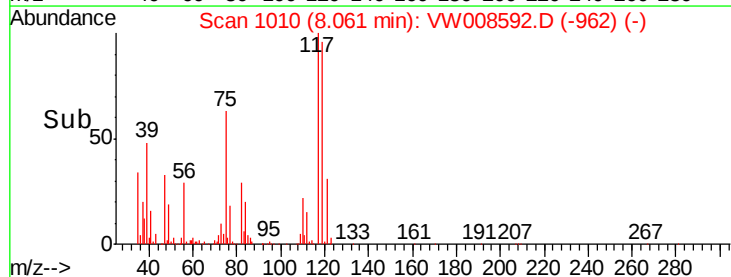
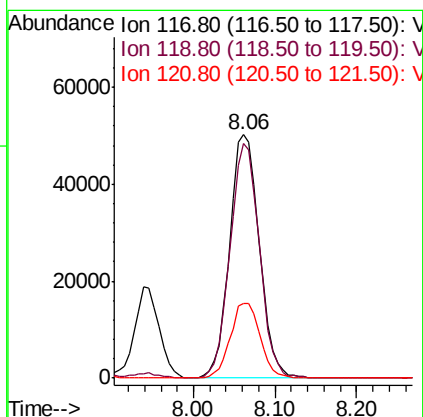
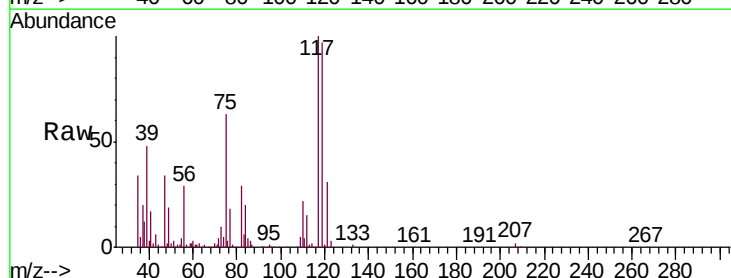
Instrument :
MSVOA_W
ClientSampleId :
VW0211SBSD01

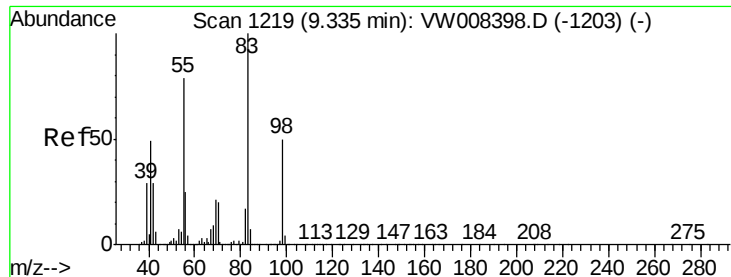
Tgt Ion: 43 Resp: 59313
Ion Ratio Lower Upper
43 100
61 12.7 10.1 15.1
70 10.5 7.8 11.6



#38
Carbon Tetrachloride
Concen: 21.068 ug/l
RT: 8.06 min Scan# 1010
Delta R.T. -0.01 min
Lab File: VW008592.D
Acq: 11 Feb 2019 12:55

Tgt Ion: 117 Resp: 126109
Ion Ratio Lower Upper
117 100
119 96.6 75.0 112.4
121 30.7 24.9 37.3





#39

Methylcyclohexane

Concen: 19.920 ug/l

RT: 9.33 min Scan# 1218

Delta R.T. -0.01 min

Lab File: VW008592.D

Acq: 11 Feb 2019 12:55

Instrument :

MSVOA_W

ClientSampleId :

VW0211SBSD01

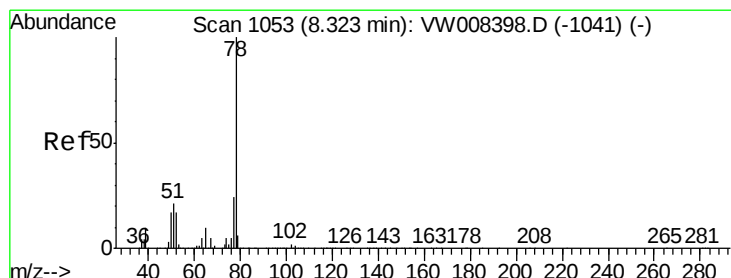
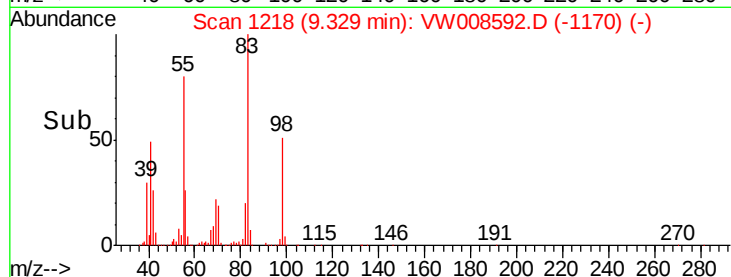
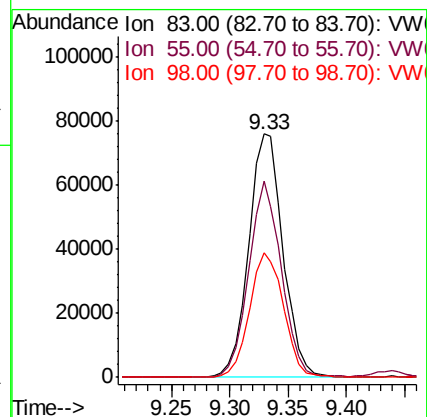
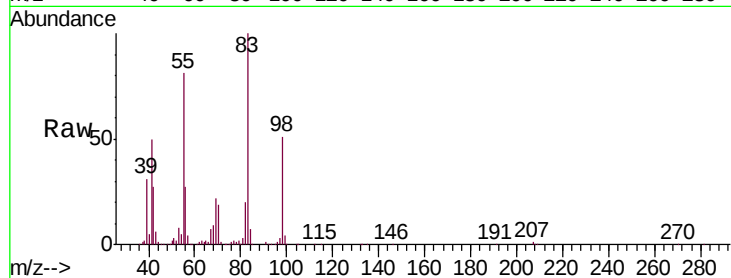
Tgt Ion: 83 Resp: 155660

Ion Ratio Lower Upper

83 100

55 80.6 63.3 94.9

98 51.4 39.7 59.5



#40

Benzene

Concen: 20.434 ug/l

RT: 8.32 min Scan# 1052

Delta R.T. -0.01 min

Lab File: VW008592.D

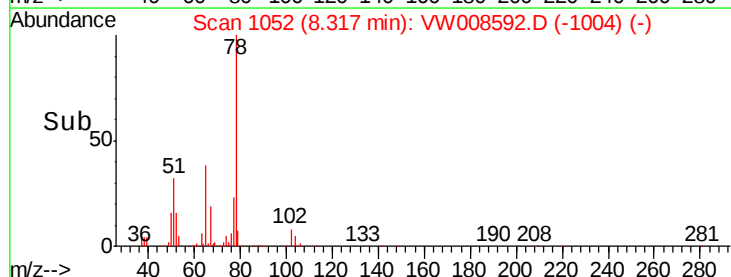
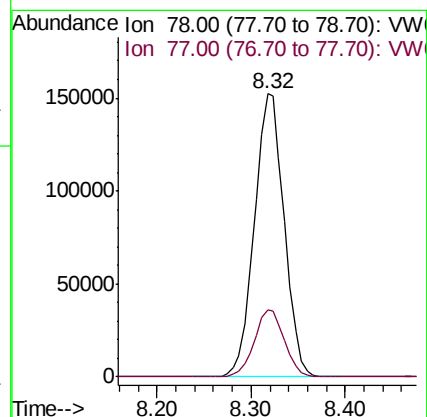
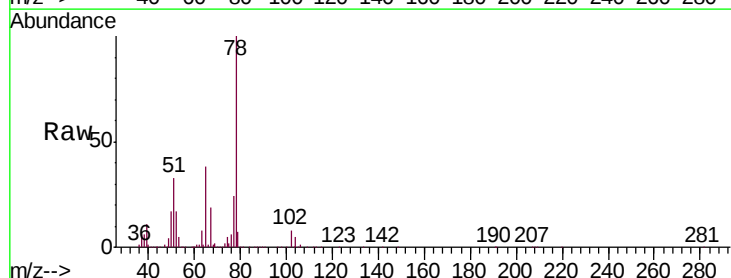
Acq: 11 Feb 2019 12:55

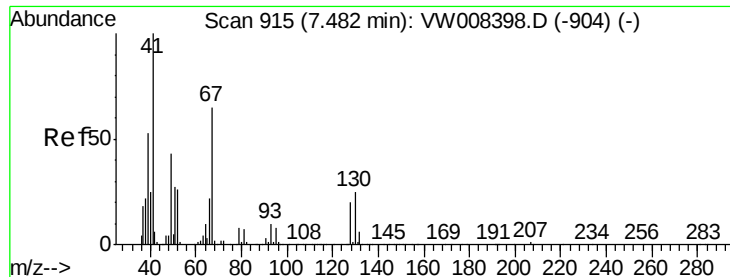
Tgt Ion: 78 Resp: 337281

Ion Ratio Lower Upper

78 100

77 23.6 19.0 28.6

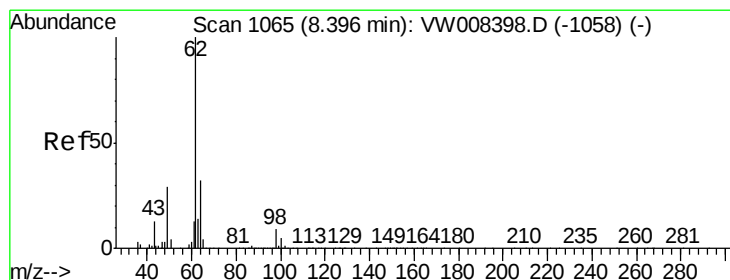
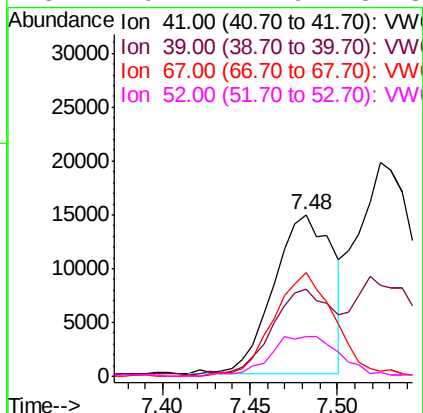
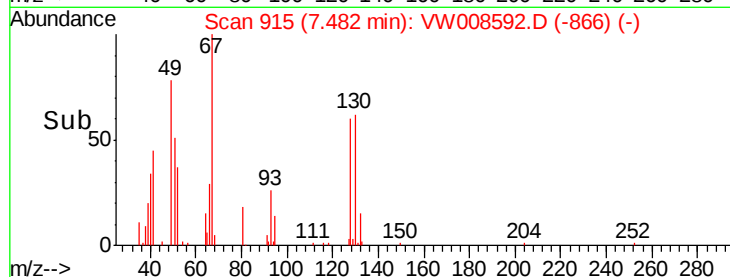
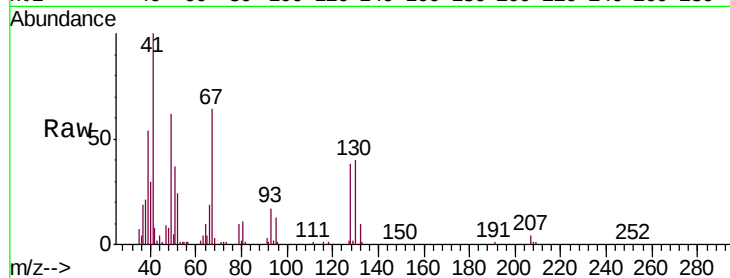




#41
Methacrylonitrile
Concen: 22.512 ug/l
RT: 7.48 min Scan# 915
Delta R.T. 0.00 min
Lab File: VW008592.D
Acq: 11 Feb 2019 12:55

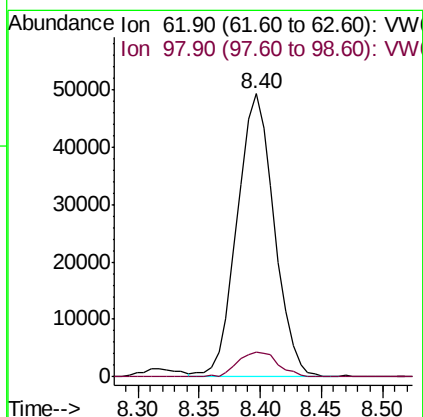
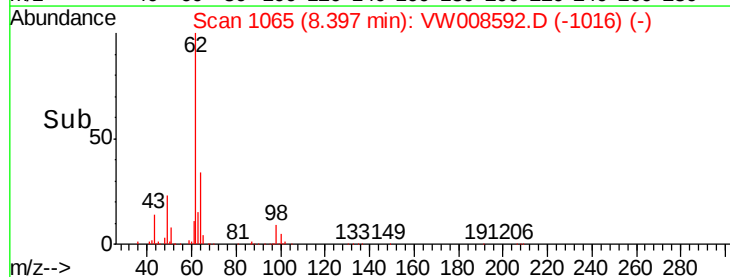
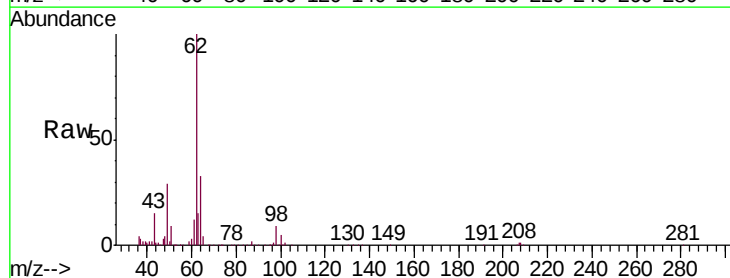
Instrument :
MSVOA_W
ClientSampleId :
VW0211SBSD01

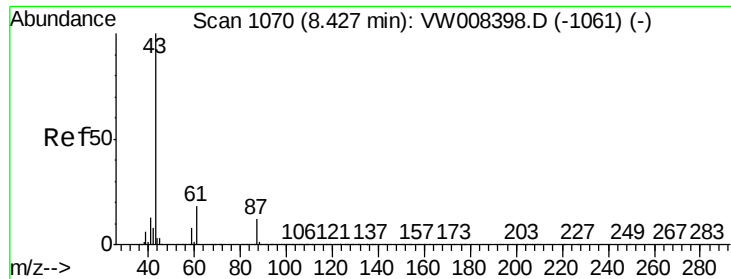
Tgt Ion:	41	Resp:	35081
Ion	Ratio	Lower	Upper
41	100		
39	54.1	43.4	65.0
67	67.2	54.2	81.2
52	29.7	22.9	34.3



#42
1,2-Dichloroethane
Concen: 21.615 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. 0.00 min
Lab File: VW008592.D
Acq: 11 Feb 2019 12:55

Tgt Ion:	62	Resp:	103395
Ion	Ratio	Lower	Upper
62	100		
98	9.6	0.0	18.6





#43

Isopropyl Acetate

Concen: 20.993 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. -0.01 min

Lab File: VW008592.D

Acq: 11 Feb 2019 12:55

Instrument :

MSVOA_W

ClientSampleId :

VW0211SBSD01

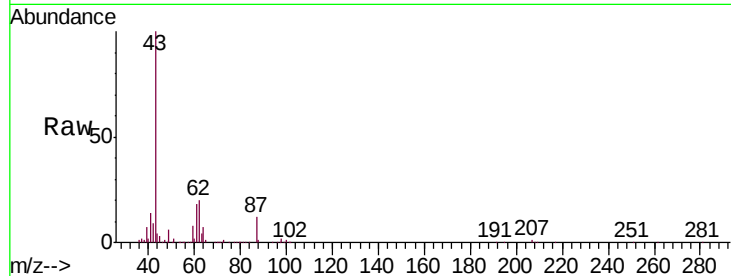
Tgt Ion: 43 Resp: 114779

Ion Ratio Lower Upper

43 100

61 27.9 22.0 33.0

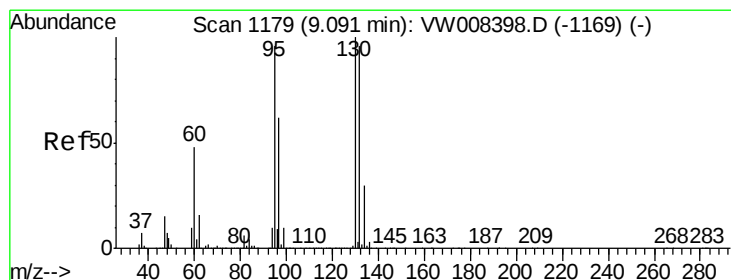
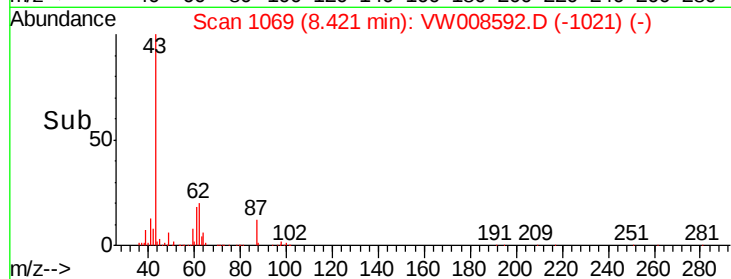
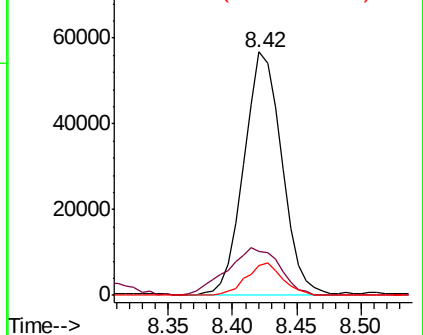
87 12.9 9.3 13.9



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: 20.865 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. 0.00 min

Lab File: VW008592.D

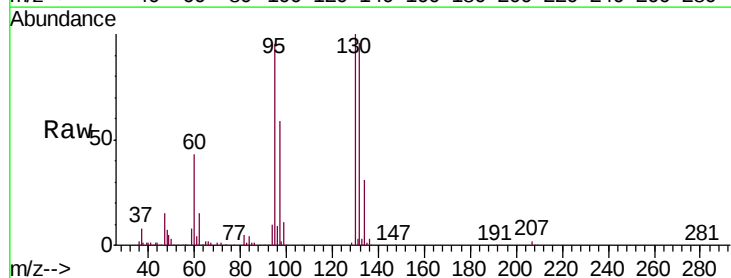
Acq: 11 Feb 2019 12:55

Tgt Ion: 130 Resp: 93655

Ion Ratio Lower Upper

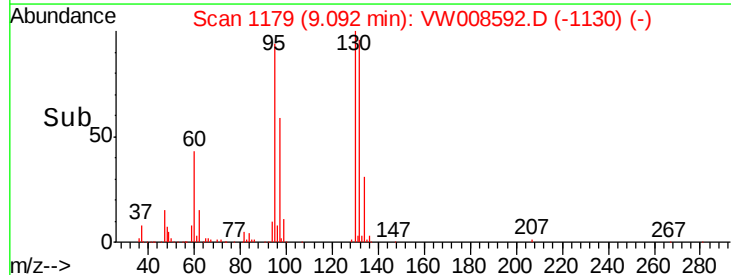
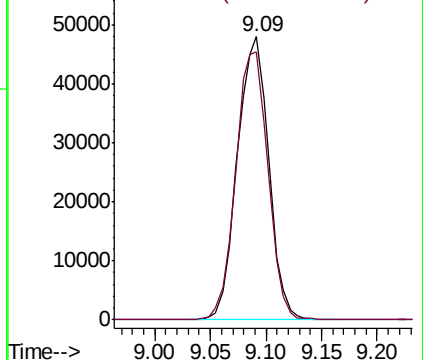
130 100

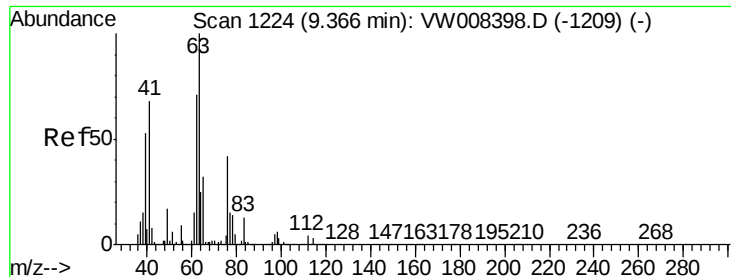
95 94.5 0.0 191.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VW

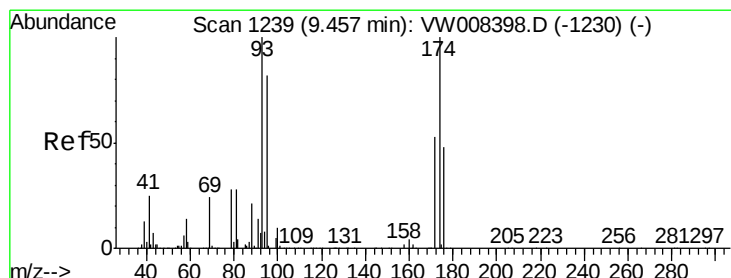
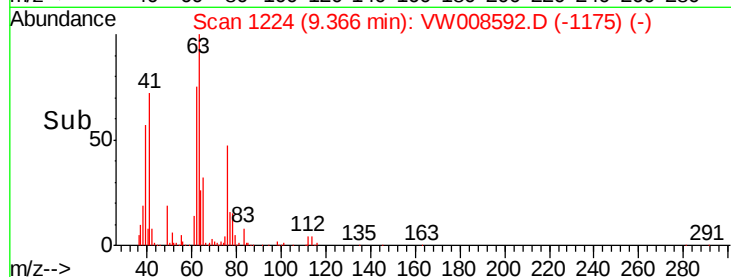
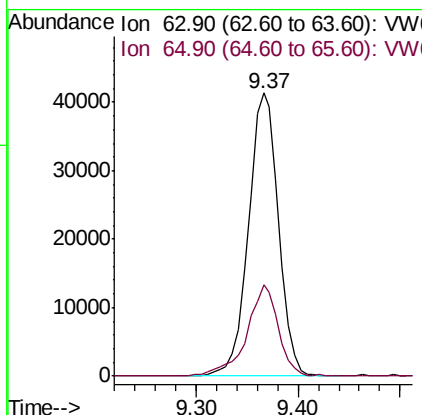
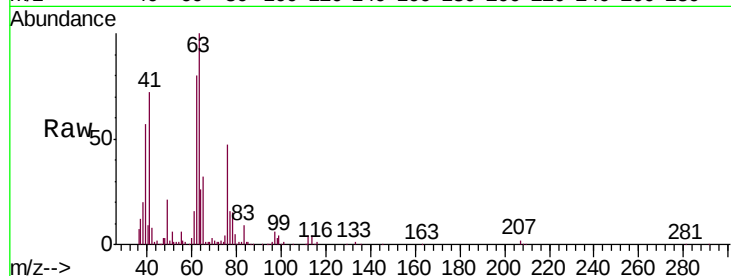




#45
 1,2-Dichloropropane
 Concen: 20.535 ug/l
 RT: 9.37 min Scan# 1224
 Delta R.T. 0.00 min
 Lab File: VW008592.D
 Acq: 11 Feb 2019 12:55

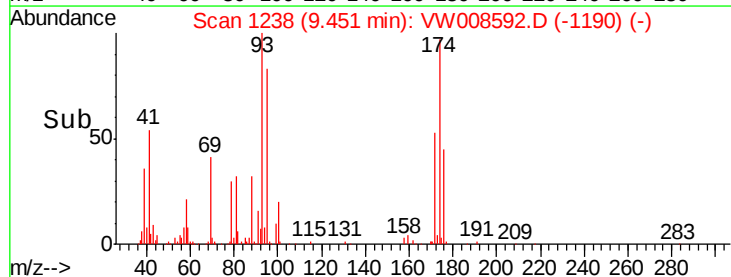
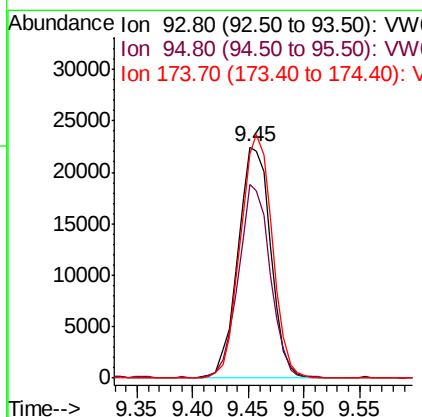
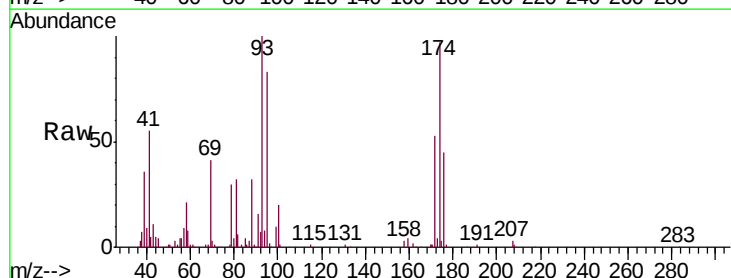
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0211SBSD01

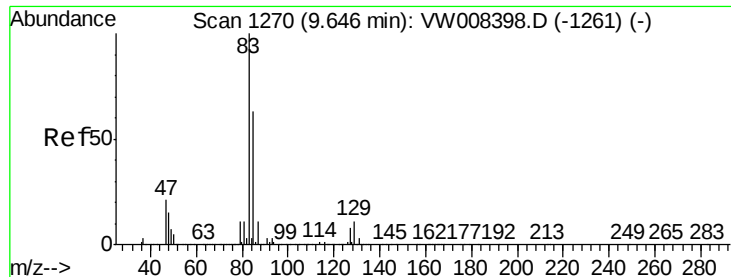
Tgt Ion: 63 Resp: 84515
 Ion Ratio Lower Upper
 63 100
 65 32.3 25.2 37.8



#46
 Dibromomethane
 Concen: 21.628 ug/l
 RT: 9.45 min Scan# 1238
 Delta R.T. -0.01 min
 Lab File: VW008592.D
 Acq: 11 Feb 2019 12:55

Tgt Ion: 93 Resp: 45783
 Ion Ratio Lower Upper
 93 100
 95 81.4 65.9 98.9
 174 103.1 81.0 121.6





#47

Bromodichloromethane

Concen: 20.382 ug/l

RT: 9.64 min Scan# 1269

Delta R.T. -0.01 min

Lab File: VW008592.D

Acq: 11 Feb 2019 12:55

Instrument :

MSVOA_W

ClientSampleId :

VW0211SBSD01

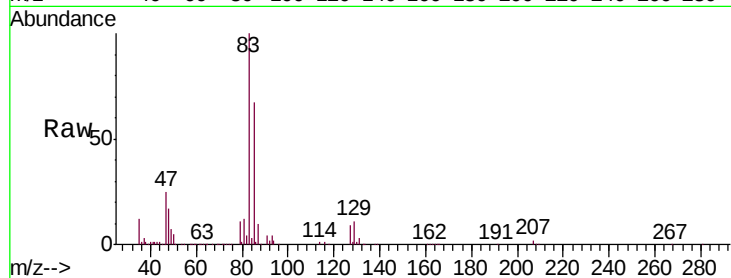
Tgt Ion: 83 Resp: 114120

Ion Ratio Lower Upper

83 100

85 66.7 50.8 76.2

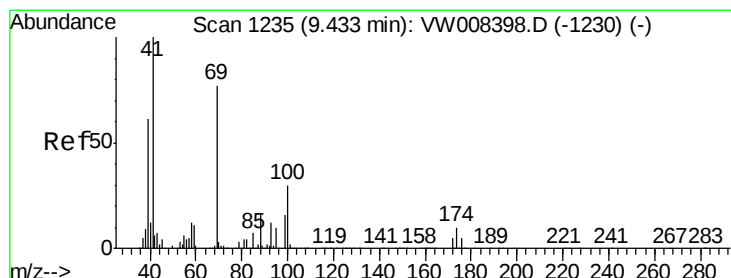
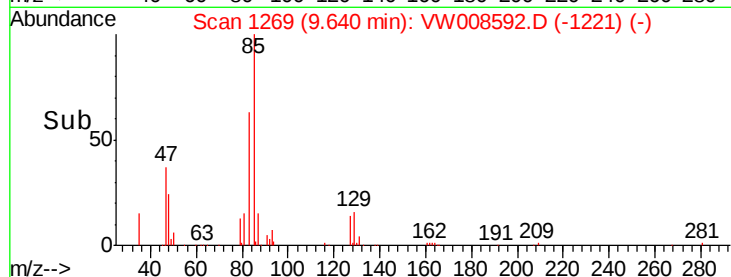
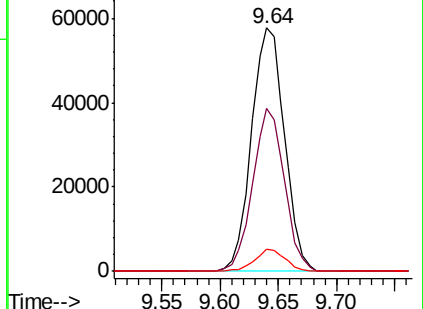
127 9.2 6.8 10.2



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 84.90 (84.60 to 85.60): VW

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 20.605 ug/l

RT: 9.43 min Scan# 1235

Delta R.T. 0.00 min

Lab File: VW008592.D

Acq: 11 Feb 2019 12:55

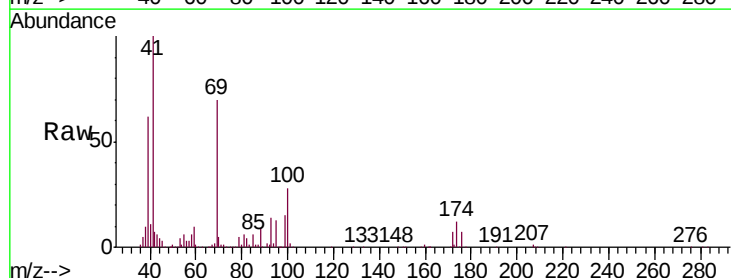
Tgt Ion: 41 Resp: 55086

Ion Ratio Lower Upper

41 100

69 80.2 64.8 97.2

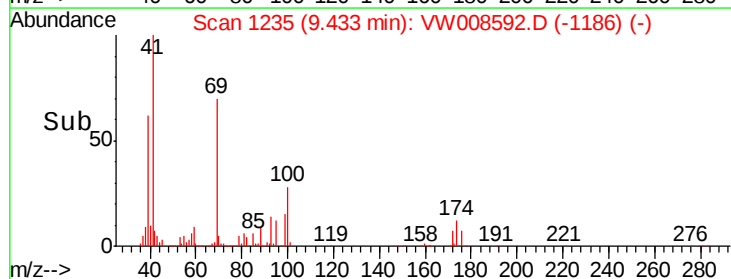
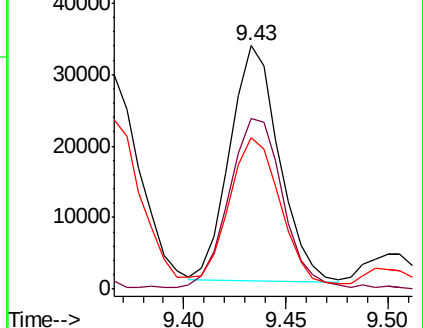
39 63.3 49.1 73.7

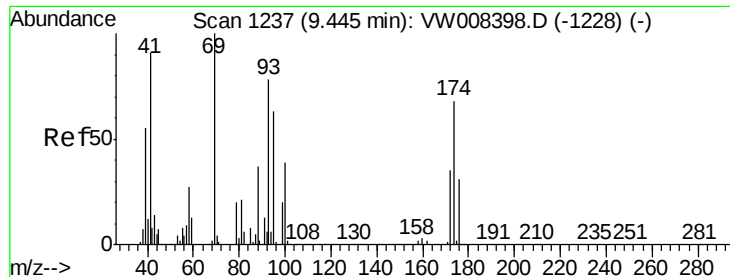


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 39.00 (38.70 to 39.70): VW

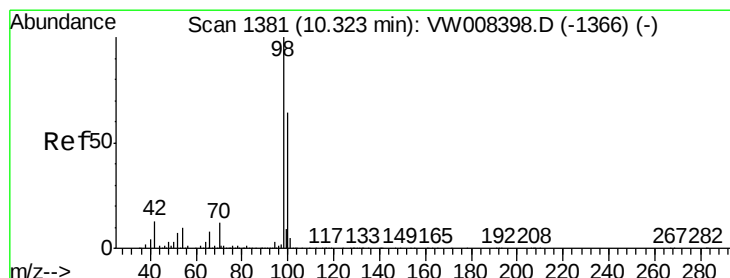
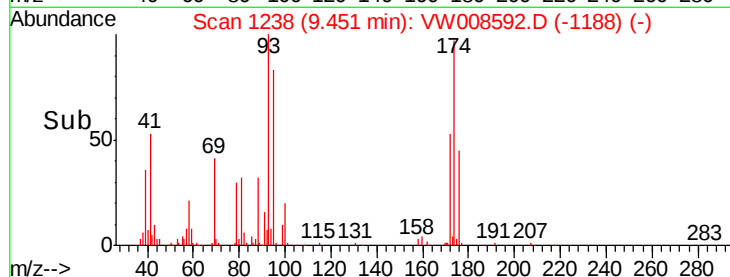
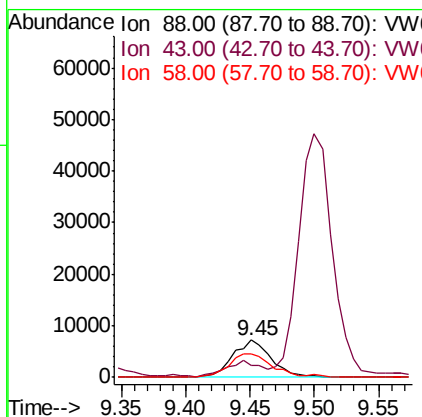
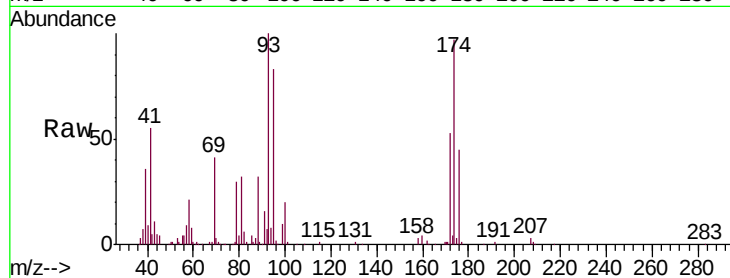




#49
1,4-Dioxane
Concen: 414.470 ug/l
RT: 9.45 min Scan# 1238
Delta R.T. 0.01 min
Lab File: VW008592.D
Acq: 11 Feb 2019 12:55

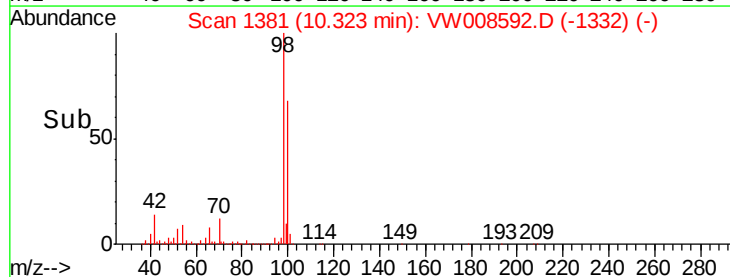
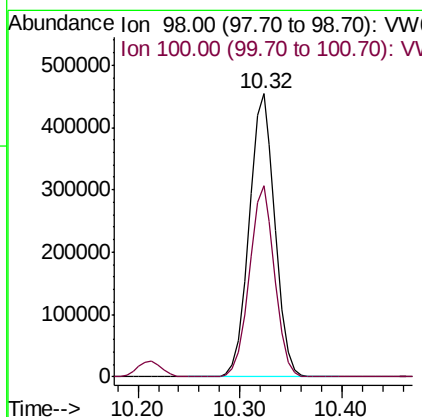
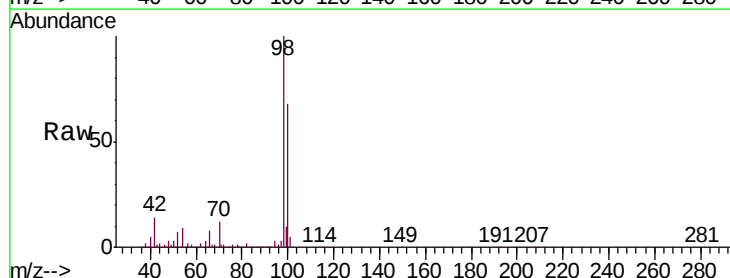
Instrument :
MSVOA_W
ClientSampleId :
VW0211SBSD01

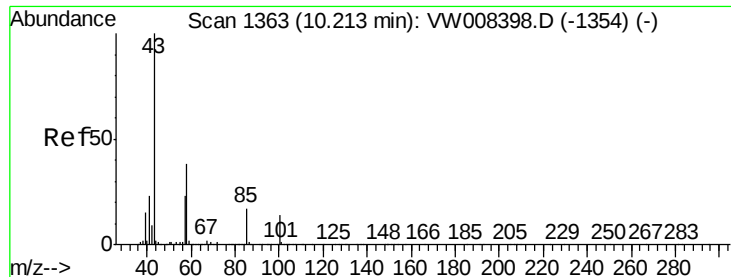
Tgt Ion: 88 Resp: 14830
Ion Ratio Lower Upper
88 100
43 36.2 29.0 43.4
58 70.3 56.4 84.6



#50
Toluene-d8
Concen: 53.798 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW008592.D
Acq: 11 Feb 2019 12:55

Tgt Ion: 98 Resp: 794362
Ion Ratio Lower Upper
98 100
100 66.3 52.6 78.8

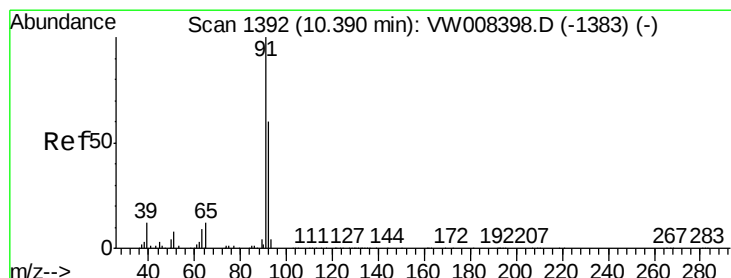
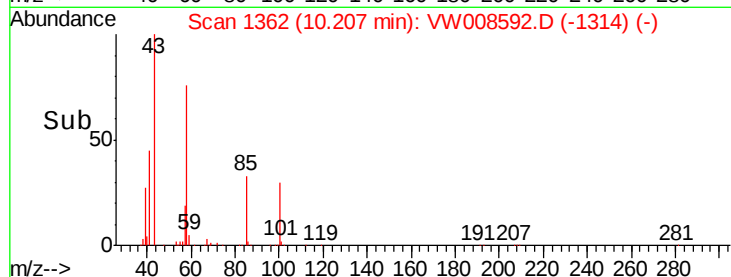
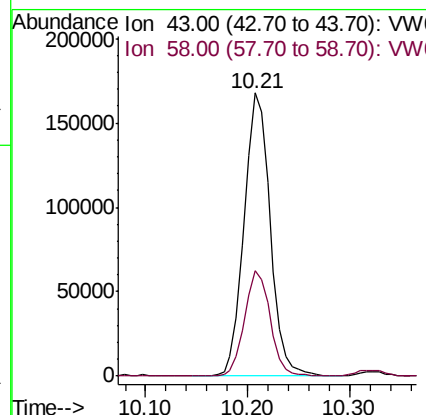
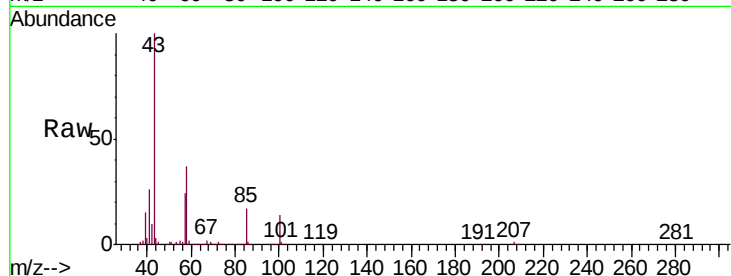




#51
4-Methyl-2-Pentanone
Concen: 109.585 ug/l
RT: 10.21 min Scan# 1362
Delta R.T. -0.01 min
Lab File: VW008592.D
Acq: 11 Feb 2019 12:55

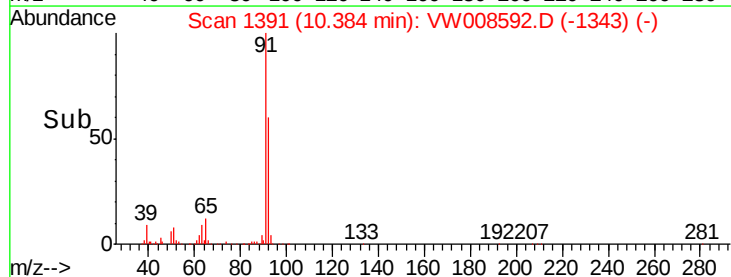
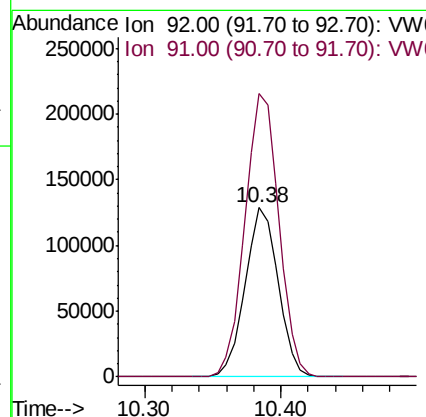
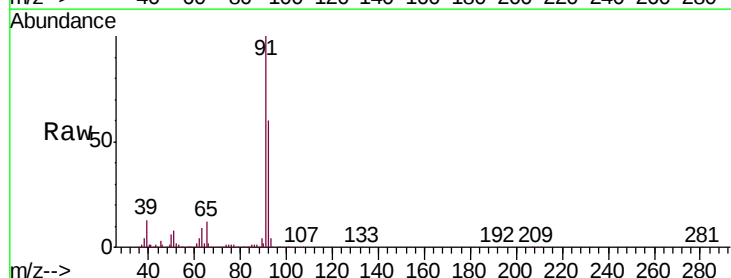
Instrument :
MSVOA_W
ClientSampleId :
VW0211SBSD01

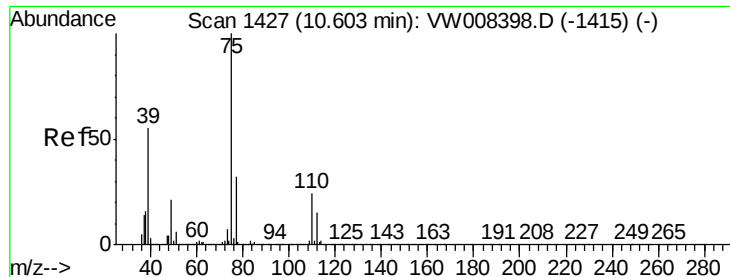
Tgt Ion: 43 Resp: 296003
Ion Ratio Lower Upper
43 100
58 36.8 29.7 44.5



#52
Toluene
Concen: 20.147 ug/l
RT: 10.38 min Scan# 1391
Delta R.T. -0.01 min
Lab File: VW008592.D
Acq: 11 Feb 2019 12:55

Tgt Ion: 92 Resp: 219520
Ion Ratio Lower Upper
92 100
91 171.6 135.5 203.3





#53

t-1,3-Dichloropropene

Concen: 20.086 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. 0.00 min

Lab File: VW008592.D

Acq: 11 Feb 2019 12:55

Instrument :

MSVOA_W

ClientSampleId :

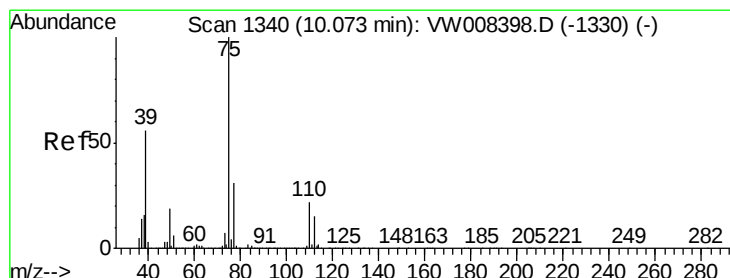
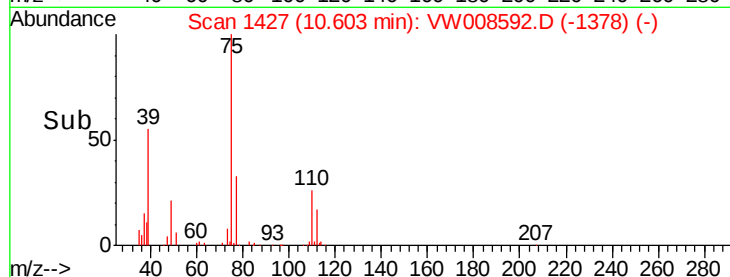
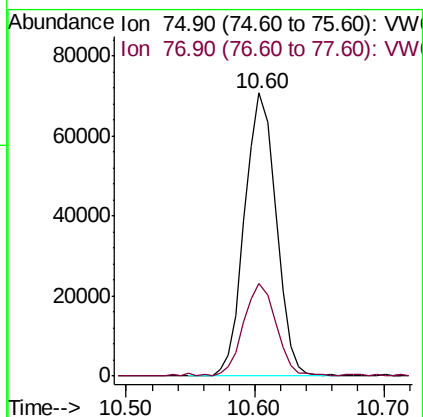
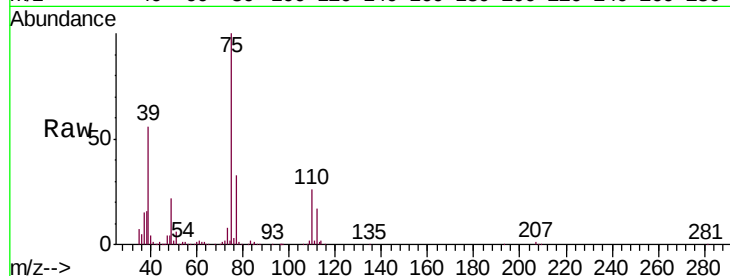
VW0211SBSD01

Tgt Ion: 75 Resp: 119669

Ion Ratio Lower Upper

75 100

77 32.6 25.3 37.9



#54

cis-1,3-Dichloropropene

Concen: 20.404 ug/l

RT: 10.07 min Scan# 1339

Delta R.T. -0.01 min

Lab File: VW008592.D

Acq: 11 Feb 2019 12:55

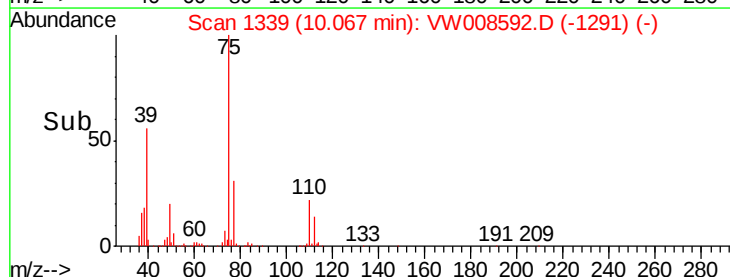
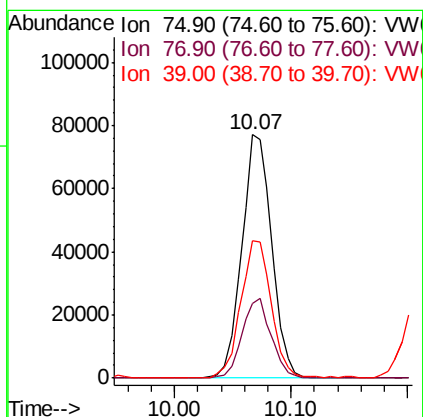
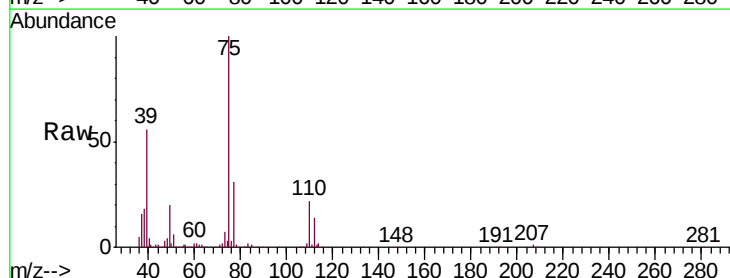
Tgt Ion: 75 Resp: 137957

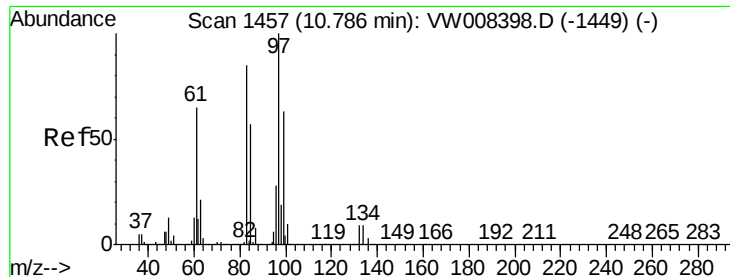
Ion Ratio Lower Upper

75 100

77 30.8 25.0 37.4

39 56.1 44.9 67.3





#55

1,1,2-Trichloroethane

Concen: 21.716 ug/l

RT: 10.79 min Scan# 1457

Delta R.T. 0.00 min

Lab File: VW008592.D

Acq: 11 Feb 2019 12:55

Instrument :

MSVOA_W

ClientSampleId :

VW0211SBSD01

Tgt Ion: 97 Resp: 63762

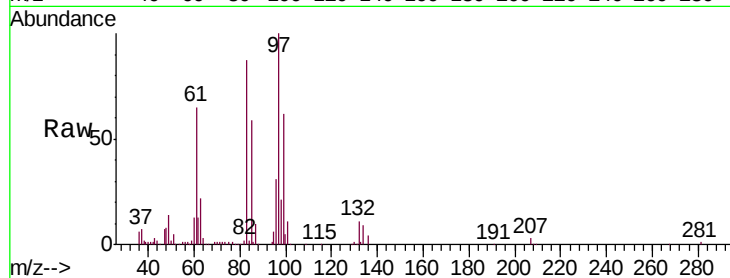
Ion Ratio Lower Upper

97 100

83 86.6 68.4 102.6

85 59.0 45.3 67.9

99 62.1 50.6 76.0

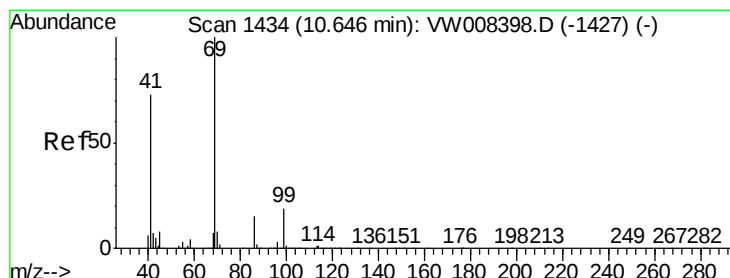
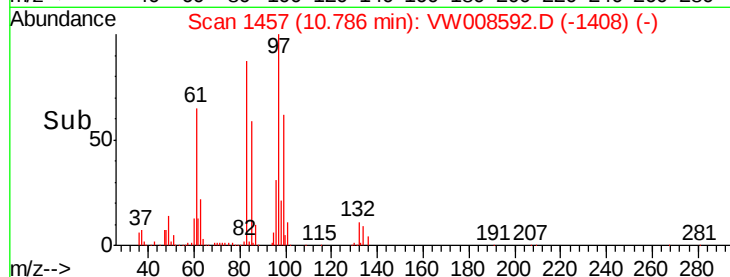
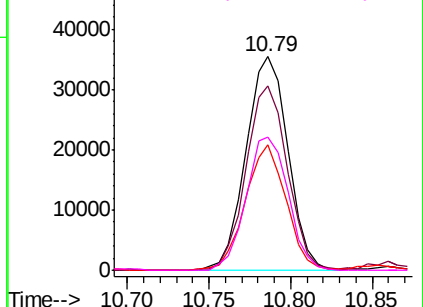


Abundance Ion 96.90 (96.60 to 97.60): VW

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: 19.991 ug/l

RT: 10.65 min Scan# 1434

Delta R.T. 0.00 min

Lab File: VW008592.D

Acq: 11 Feb 2019 12:55

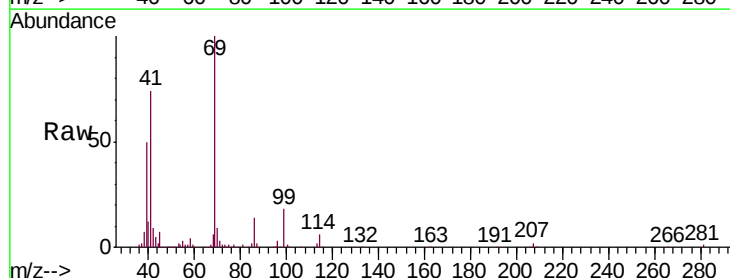
Tgt Ion: 69 Resp: 82245

Ion Ratio Lower Upper

69 100

41 73.3 58.7 88.1

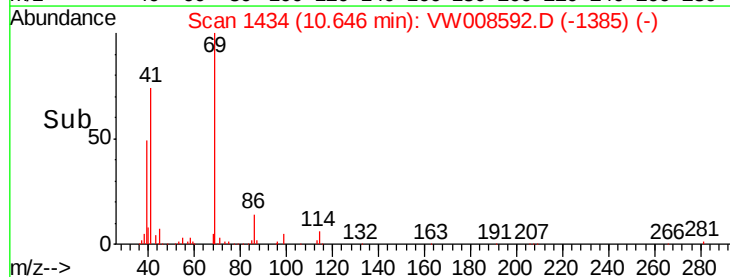
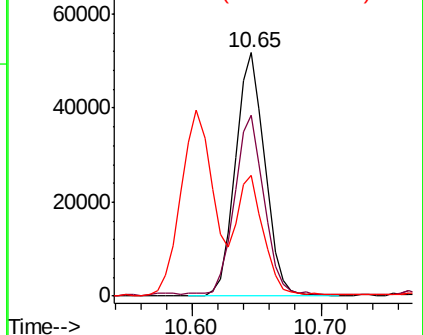
39 43.6 32.6 48.8

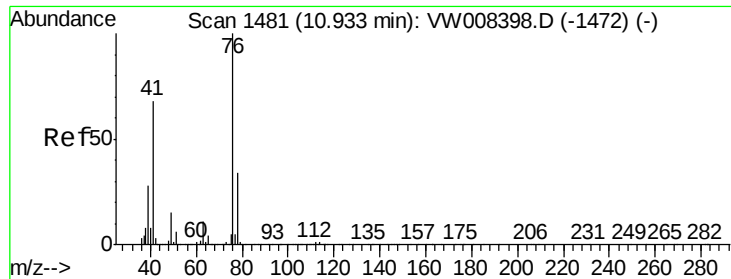


Abundance Ion 69.00 (68.70 to 69.70): VW

Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

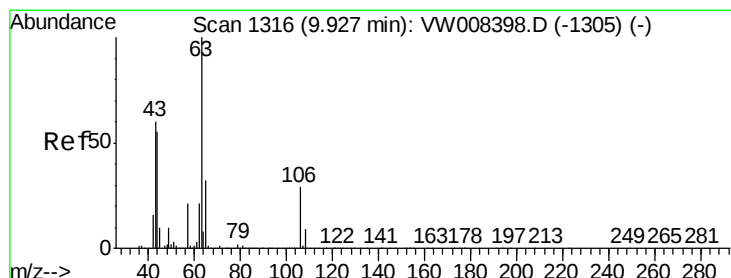
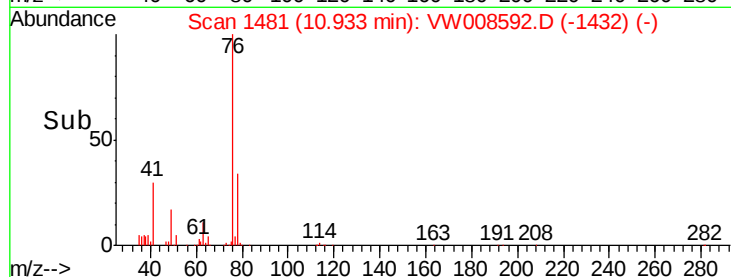
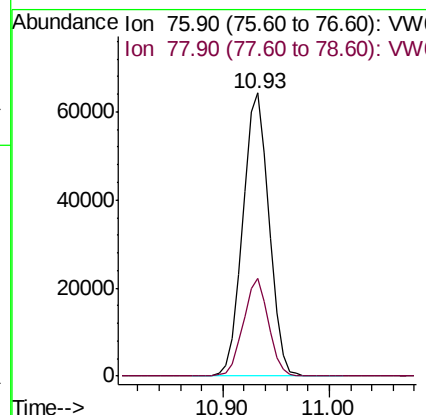
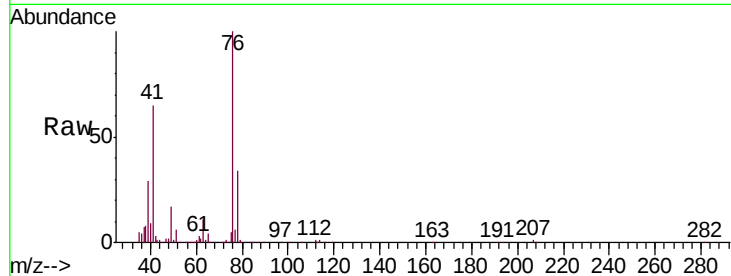




#57
 1,3-Dichloropropane
 Concen: 21.174 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. 0.00 min
 Lab File: VW008592.D
 Acq: 11 Feb 2019 12:55

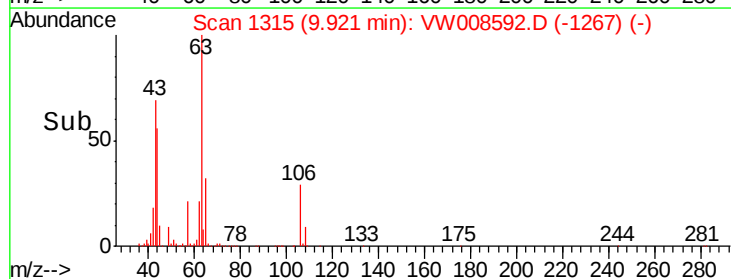
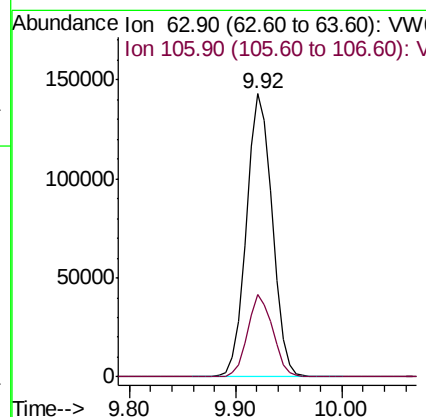
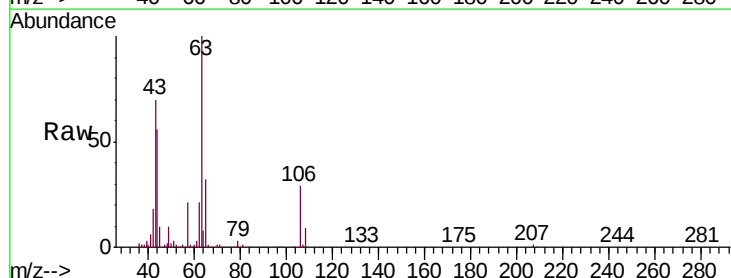
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0211SBSD01

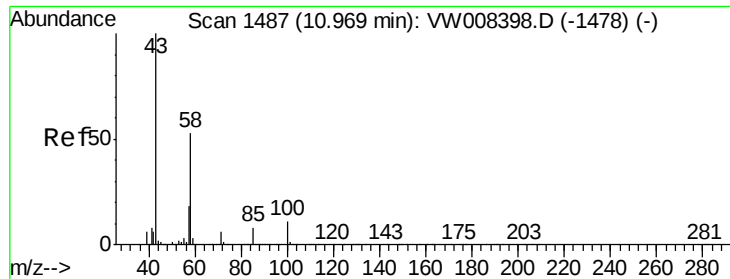
Tgt Ion: 76 Resp: 111376
 Ion Ratio Lower Upper
 76 100
 78 33.2 25.8 38.8



#58
 2-Chloroethyl Vinyl ether
 Concen: 122.038 ug/l
 RT: 9.92 min Scan# 1315
 Delta R.T. -0.01 min
 Lab File: VW008592.D
 Acq: 11 Feb 2019 12:55

Tgt Ion: 63 Resp: 243949
 Ion Ratio Lower Upper
 63 100
 106 28.6 22.4 33.6

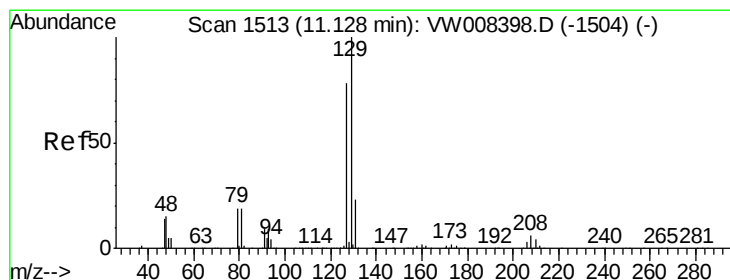
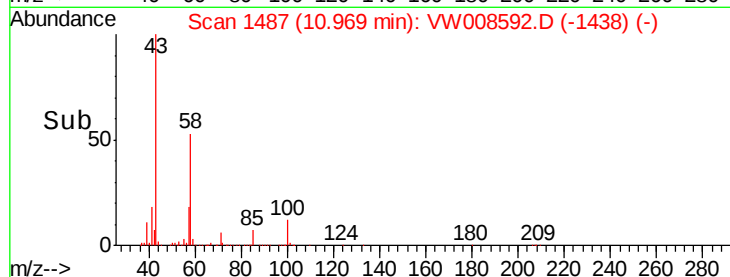
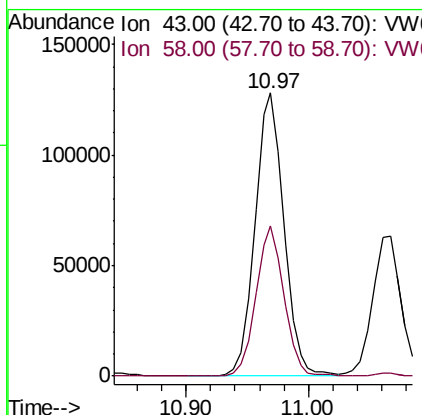
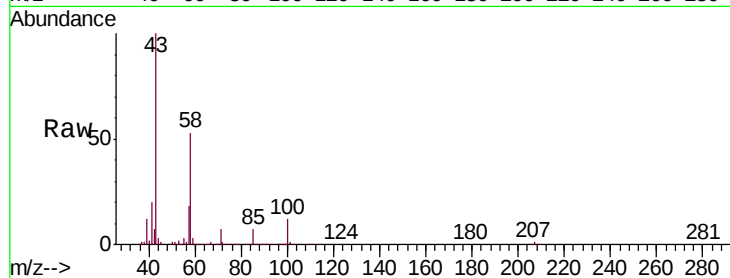




#59
2-Hexanone
Concen: 110.318 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VW008592.D
Acq: 11 Feb 2019 12:55

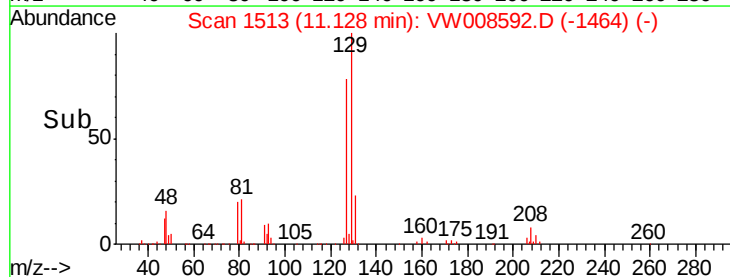
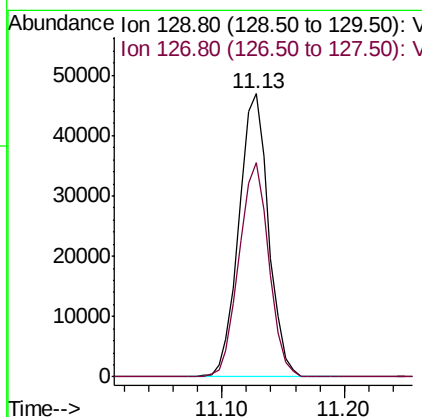
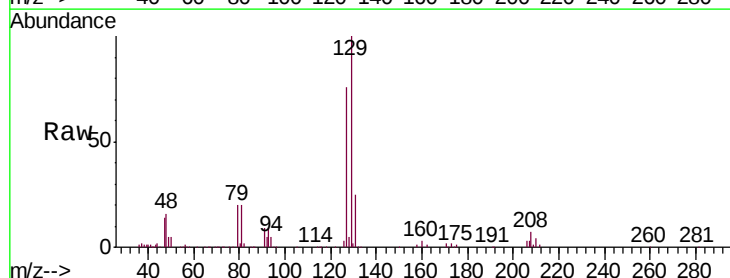
Instrument :
MSVOA_W
ClientSampleId :
VW0211SBSD01

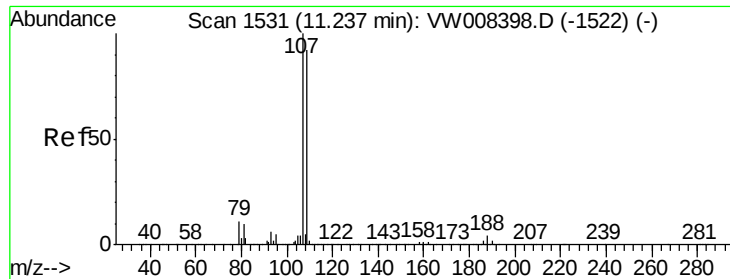
Tgt Ion: 43 Resp: 210364
Ion Ratio Lower Upper
43 100
58 51.4 25.9 77.7



#60
Dibromochloromethane
Concen: 20.871 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VW008592.D
Acq: 11 Feb 2019 12:55

Tgt Ion: 129 Resp: 78749
Ion Ratio Lower Upper
129 100
127 76.1 39.1 117.2

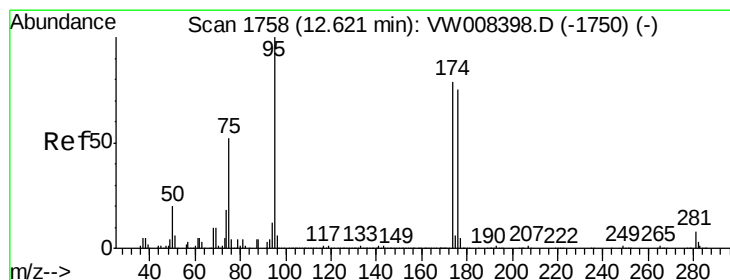
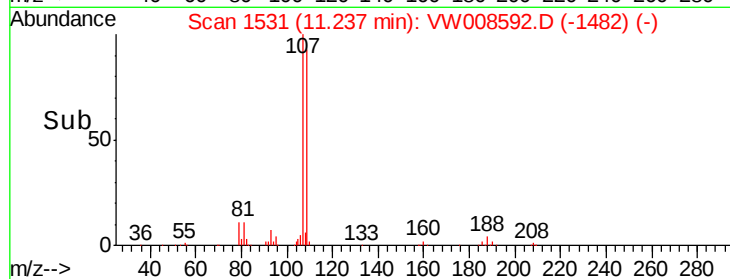
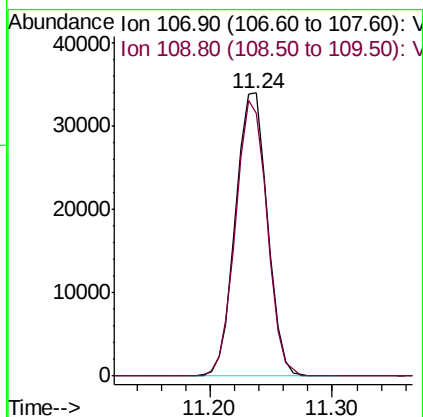
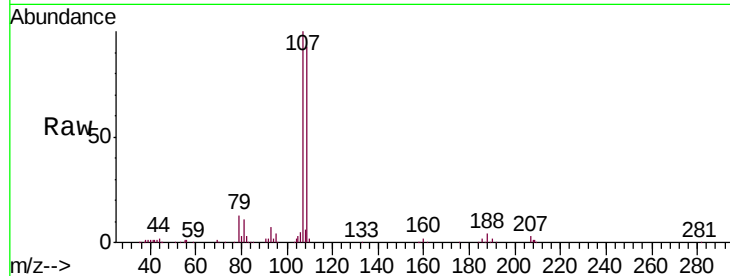




#61
1,2-Dibromoethane
Concen: 21.141 ug/l
RT: 11.24 min Scan# 1531
Delta R.T. 0.00 min
Lab File: VW008592.D
Acq: 11 Feb 2019 12:55

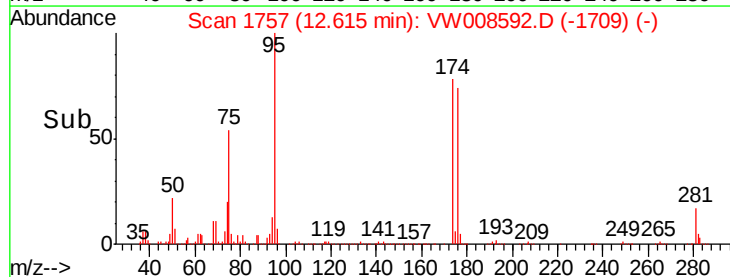
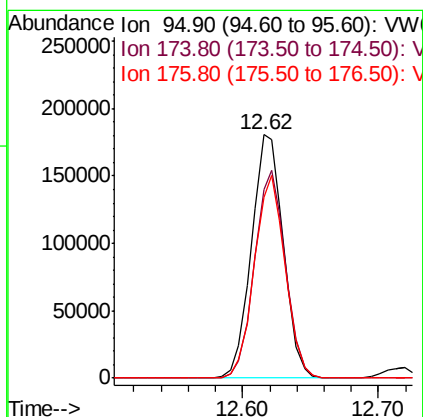
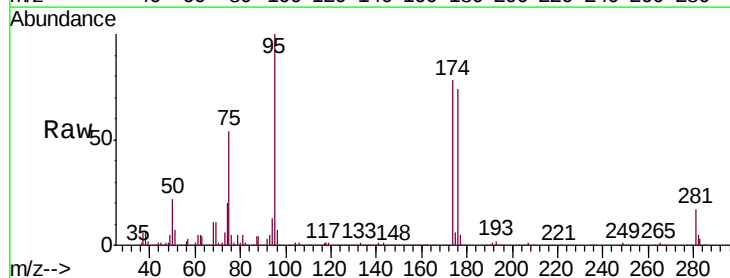
Instrument :
MSVOA_W
ClientSampleId :
VW0211SBSD01

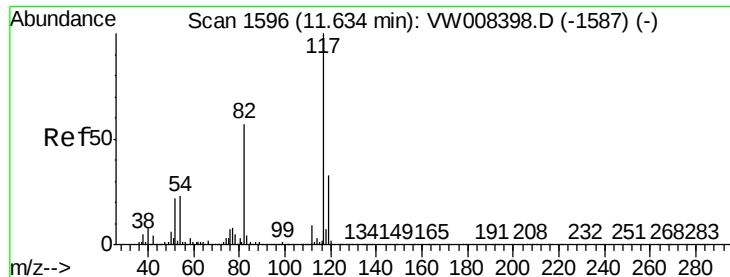
Tgt Ion: 107 Resp: 61548
Ion Ratio Lower Upper
107 100
109 96.1 75.0 112.4



#62
4-Bromofluorobenzene
Concen: 52.170 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. -0.01 min
Lab File: VW008592.D
Acq: 11 Feb 2019 12:55

Tgt Ion: 95 Resp: 296103
Ion Ratio Lower Upper
95 100
174 83.1 0.0 157.6
176 80.8 0.0 151.8

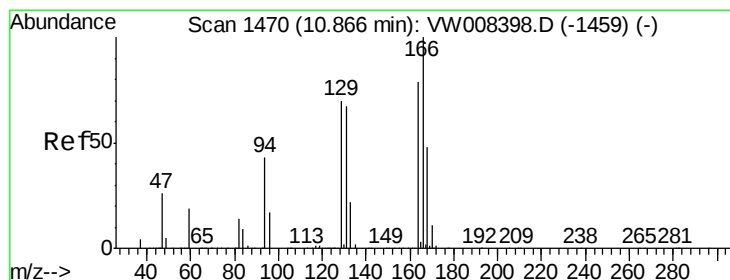
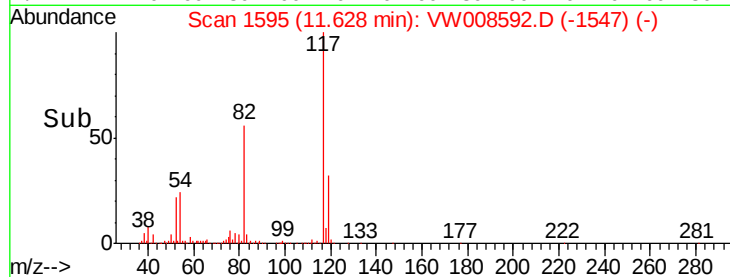
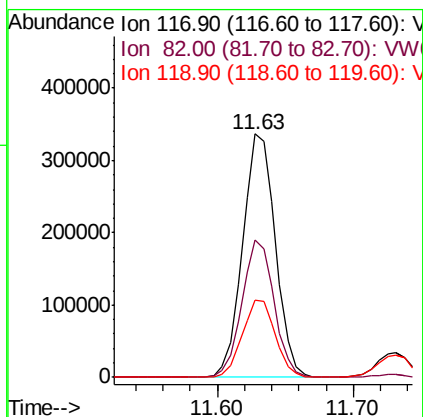
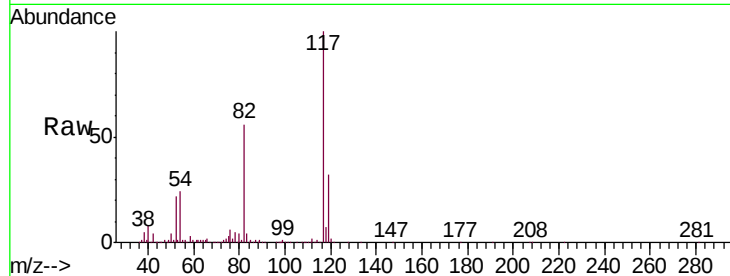




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW008592.D
Acq: 11 Feb 2019 12:55

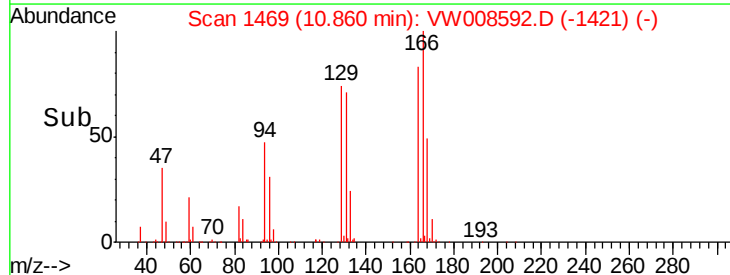
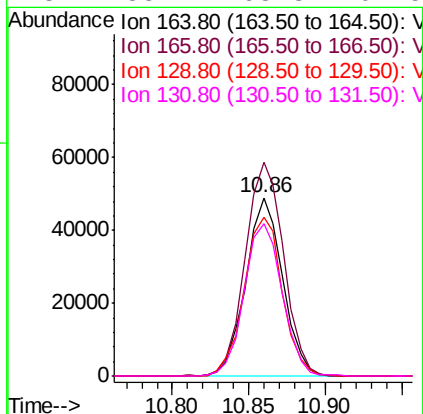
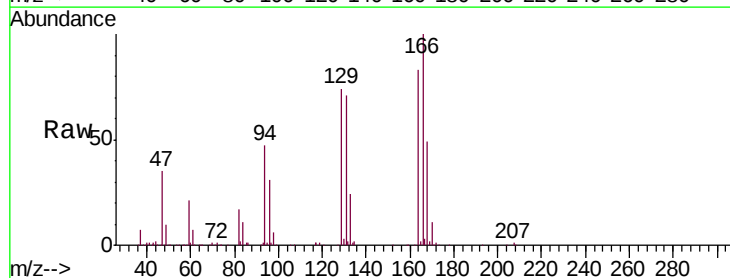
Instrument :
MSVOA_W
ClientSampleId :
VW0211SBSD01

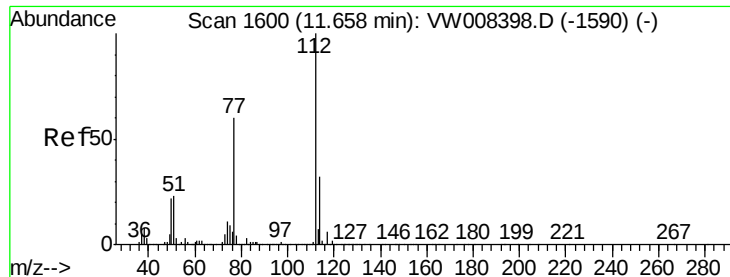
Tgt Ion	Ratio	Lower	Upper
117	100		
82	56.3	45.4	68.0
119	31.7	26.2	39.4



#64
Tetrachloroethene
Concen: 21.342 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.01 min
Lab File: VW008592.D
Acq: 11 Feb 2019 12:55

Tgt Ion	Ratio	Lower	Upper
164	100		
166	120.0	101.4	152.0
129	89.2	71.0	106.6
131	85.2	68.3	102.5

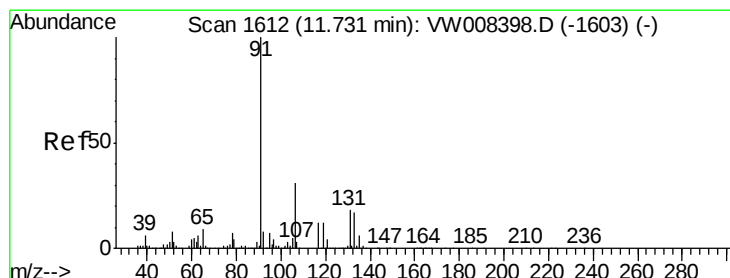
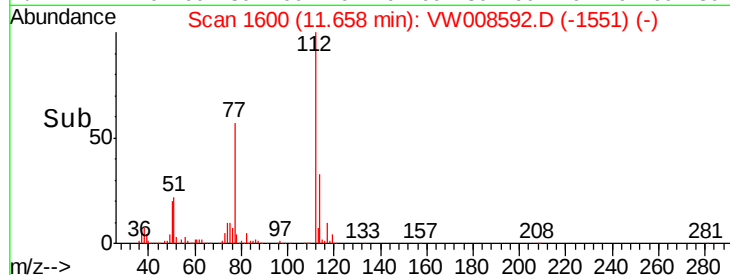
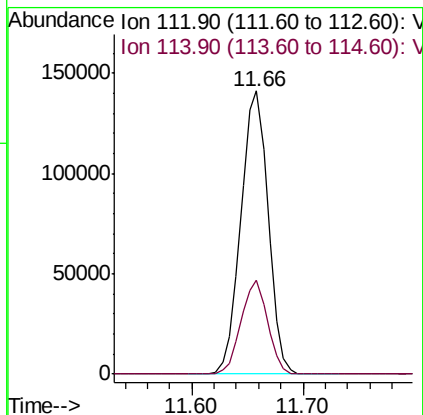
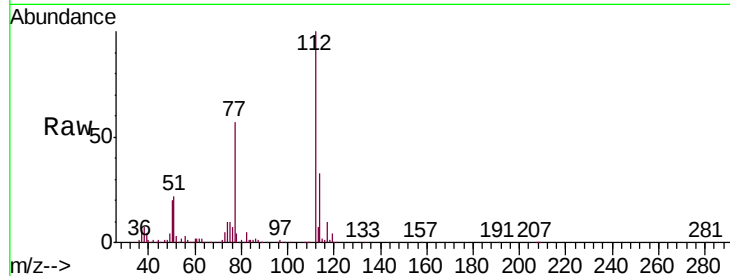




#65
Chlorobenzene
Concen: 20.801 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VW008592.D
Acq: 11 Feb 2019 12:55

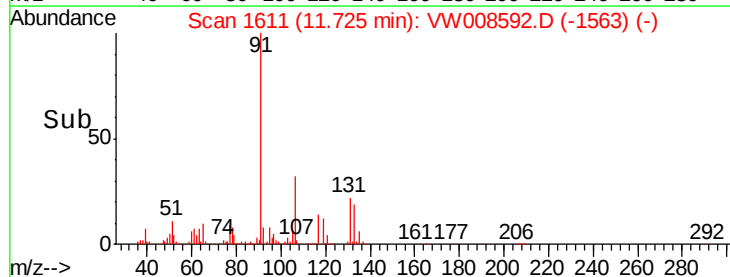
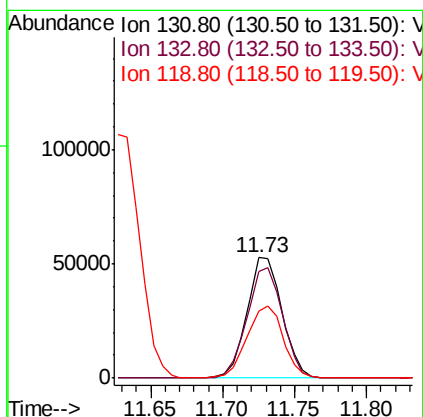
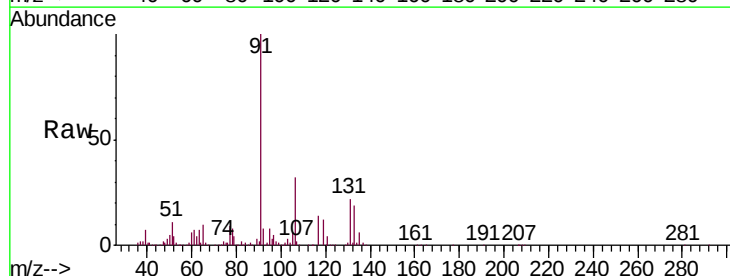
Instrument :
MSVOA_W
ClientSampleId :
VW0211SBSD01

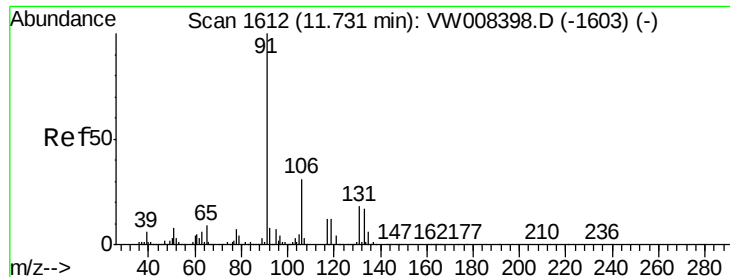
Tgt Ion:112 Resp: 240487
Ion Ratio Lower Upper
112 100
114 33.1 25.4 38.2



#66
1,1,1,2-Tetrachloroethane
Concen: 21.403 ug/l
RT: 11.73 min Scan# 1611
Delta R.T. -0.01 min
Lab File: VW008592.D
Acq: 11 Feb 2019 12:55

Tgt Ion:131 Resp: 88531
Ion Ratio Lower Upper
131 100
133 93.4 47.0 141.2
119 62.0 32.1 96.3

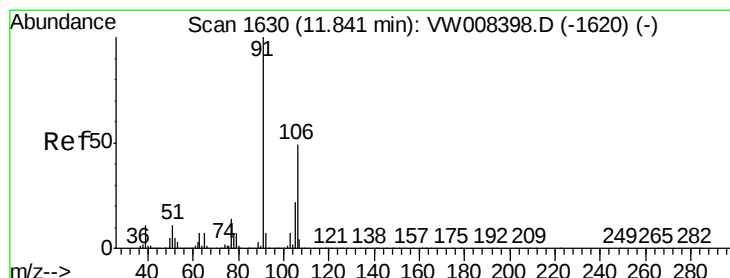
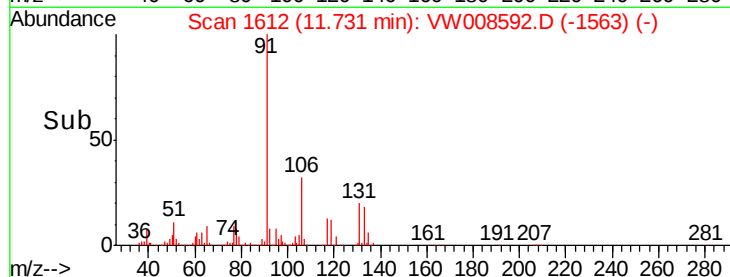
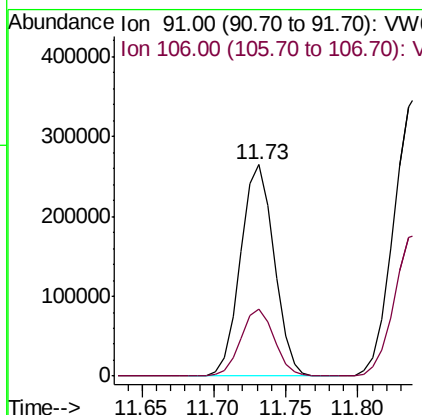
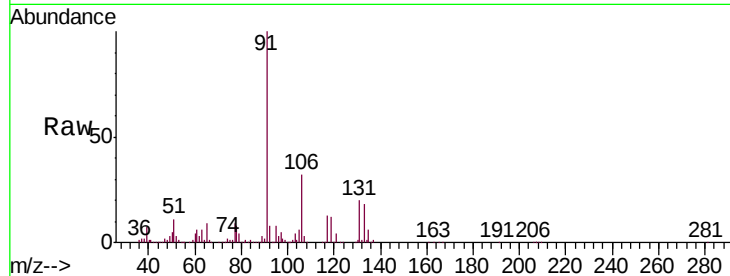




#67
Ethyl Benzene
Concen: 20.187 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW008592.D
Acq: 11 Feb 2019 12:55

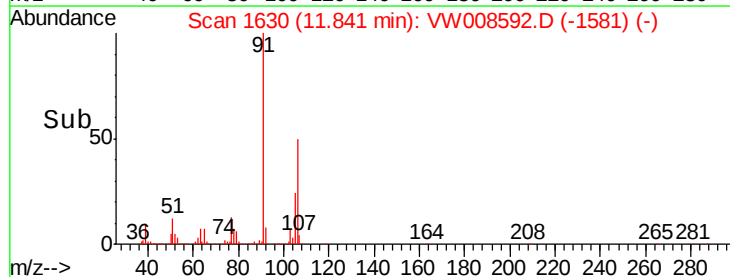
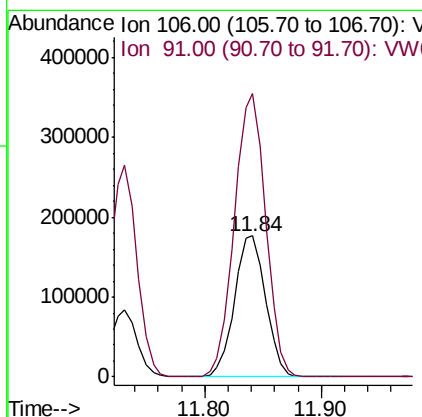
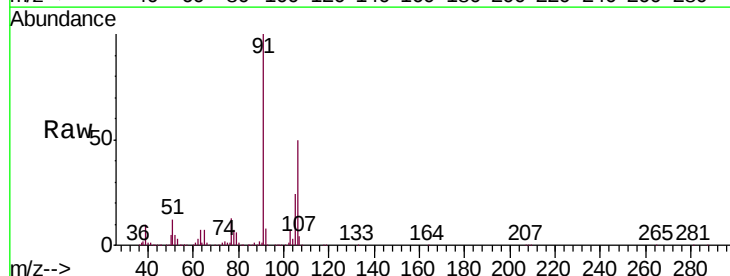
Instrument :
MSVOA_W
ClientSampleId :
VW0211SBSD01

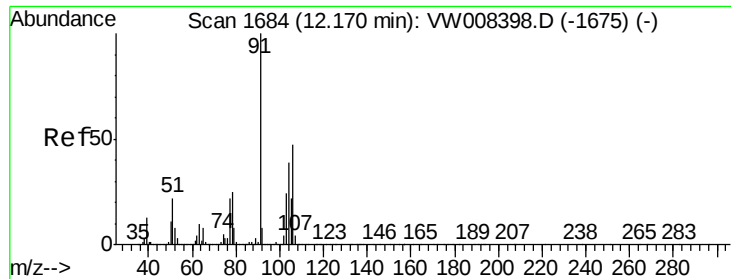
Tgt Ion: 91 Resp: 429015
Ion Ratio Lower Upper
91 100
106 31.6 24.7 37.1



#68
m/p-Xylenes
Concen: 40.010 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VW008592.D
Acq: 11 Feb 2019 12:55

Tgt Ion: 106 Resp: 329909
Ion Ratio Lower Upper
106 100
91 201.7 162.9 244.3

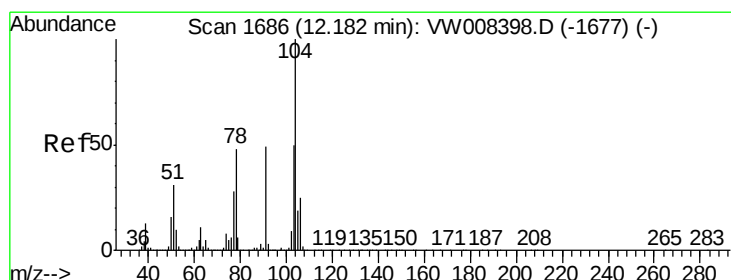
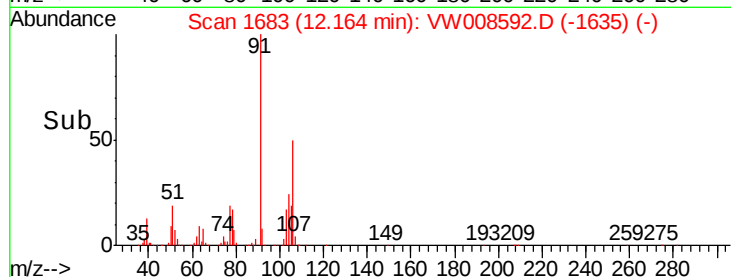
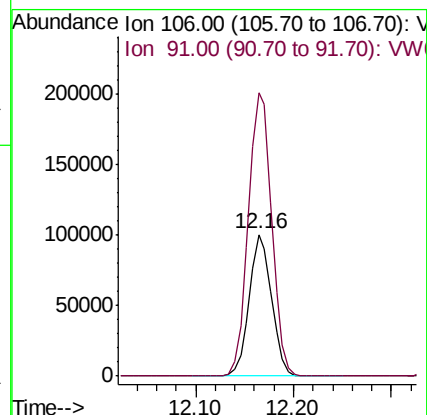
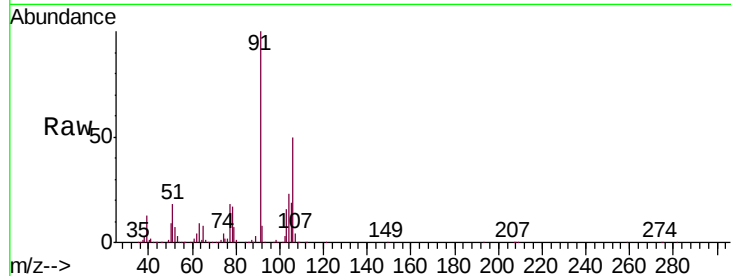




#69
o-Xylene
Concen: 20.179 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.01 min
Lab File: VW008592.D
Acq: 11 Feb 2019 12:55

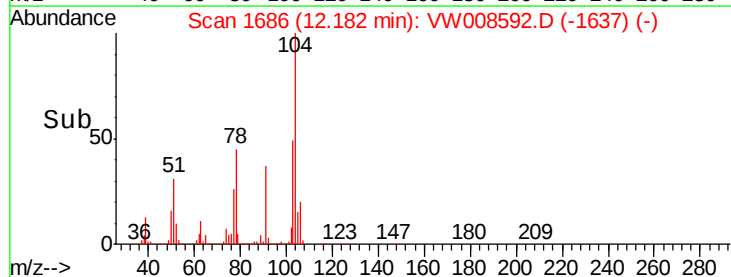
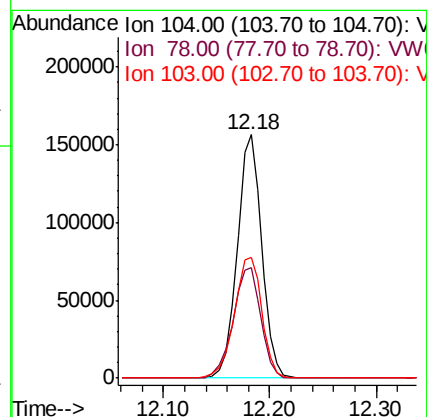
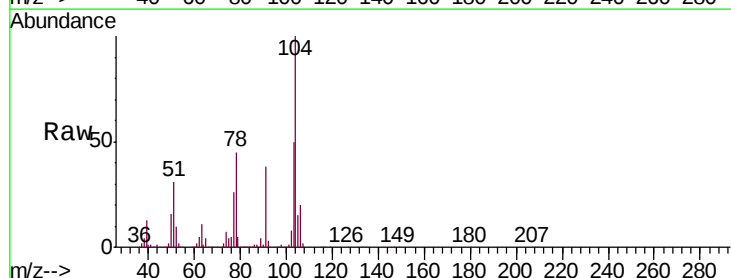
Instrument :
MSVOA_W
ClientSampleId :
VW0211SBSD01

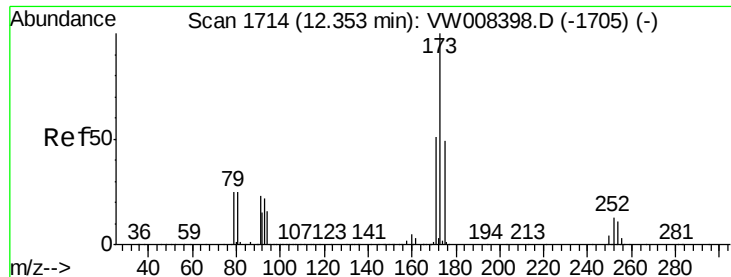
Tgt Ion:106 Resp: 158095
Ion Ratio Lower Upper
106 100
91 210.1 107.5 322.4



#70
Styrene
Concen: 19.434 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW008592.D
Acq: 11 Feb 2019 12:55

Tgt Ion:104 Resp: 251499
Ion Ratio Lower Upper
104 100
78 51.4 42.4 63.6
103 55.8 43.4 65.0





#71

Bromoform

Concen: 20.198 ug/l

RT: 12.35 min Scan# 1713

Delta R.T. -0.01 min

Lab File: VW008592.D

Acq: 11 Feb 2019 12:55

Instrument :

MSVOA_W

ClientSampleId :

VW0211SBSD01

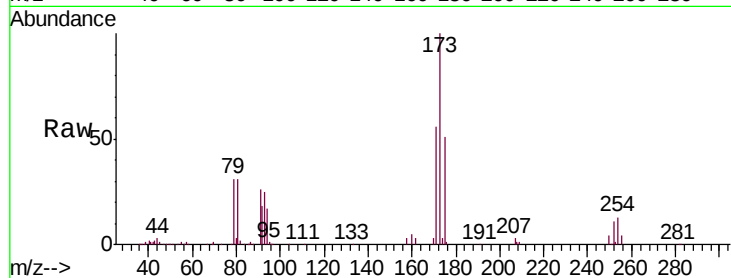
Tgt Ion:173 Resp: 47008

Ion Ratio Lower Upper

173 100

175 49.6 24.4 73.4

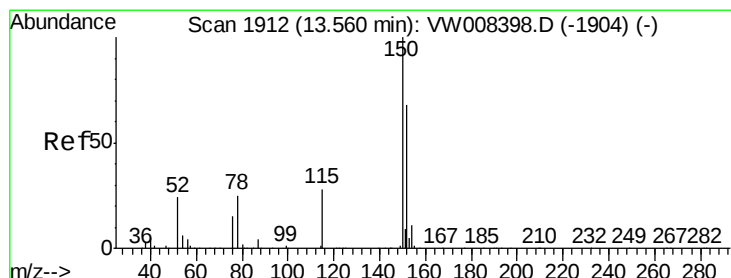
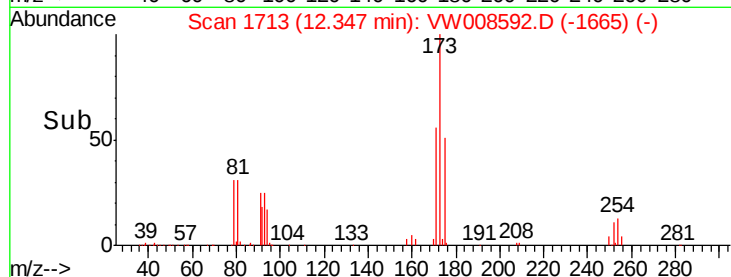
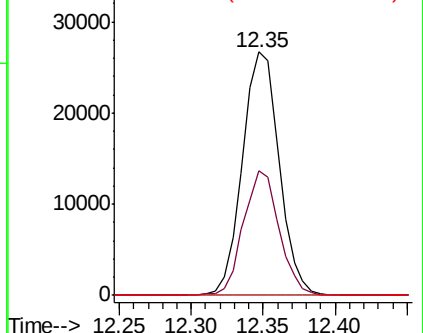
254 0.1 0.2 0.2#



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: VW008592.D

Acq: 11 Feb 2019 12:55

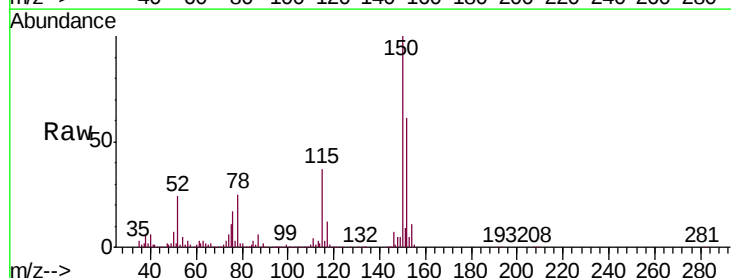
Tgt Ion:152 Resp: 292830

Ion Ratio Lower Upper

152 100

115 59.1 29.9 89.7

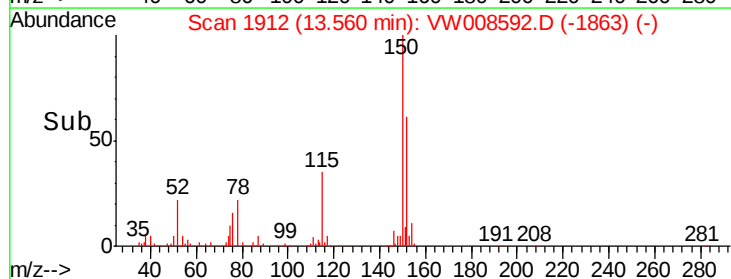
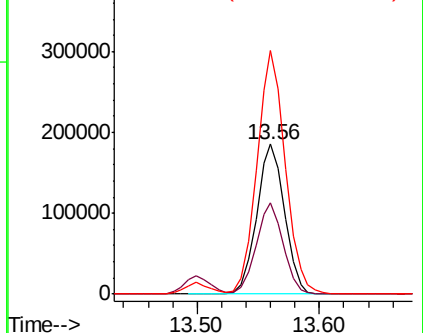
150 165.9 0.0 351.4

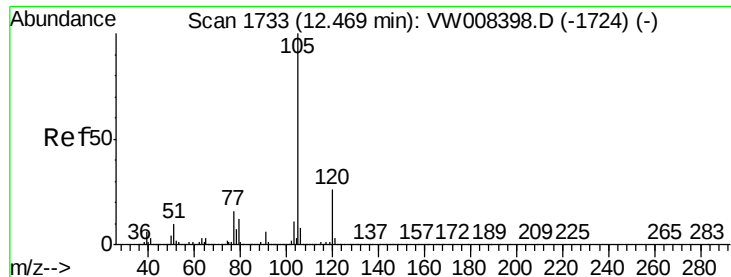


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 20.132 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. -0.01 min

Lab File: VW008592.D

Acq: 11 Feb 2019 12:55

Instrument :

MSVOA_W

ClientSampleId :

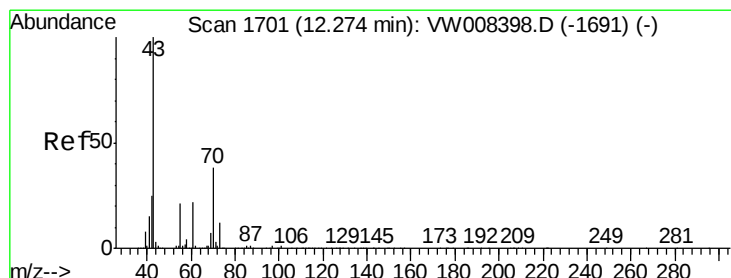
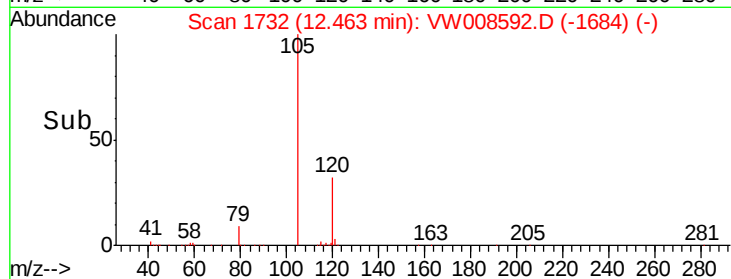
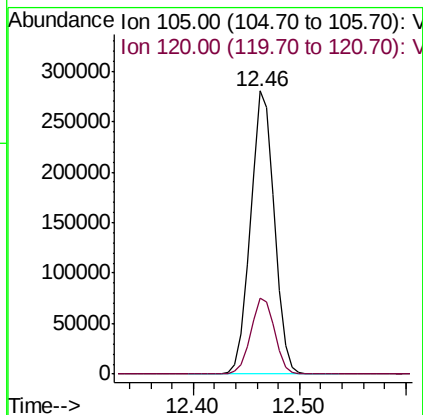
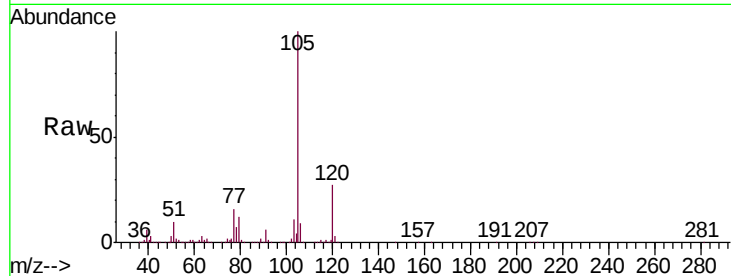
VW0211SBSD01

Tgt Ion: 105 Resp: 439495

Ion Ratio Lower Upper

105 100

120 27.1 13.3 39.8



#74

N-ethyl acetate

Concen: 20.452 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. 0.00 min

Lab File: VW008592.D

Acq: 11 Feb 2019 12:55

Tgt Ion: 43 Resp: 115024

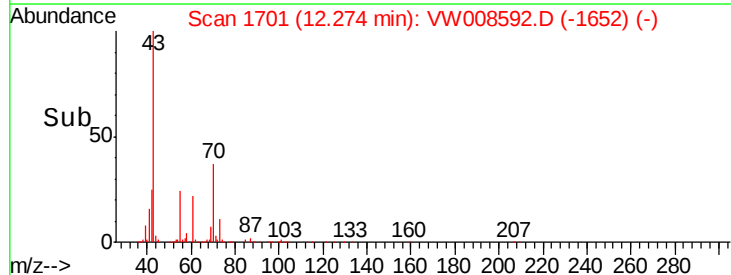
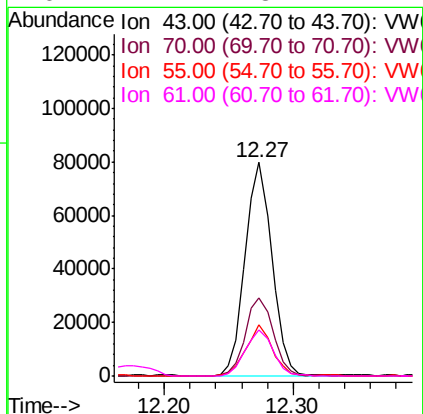
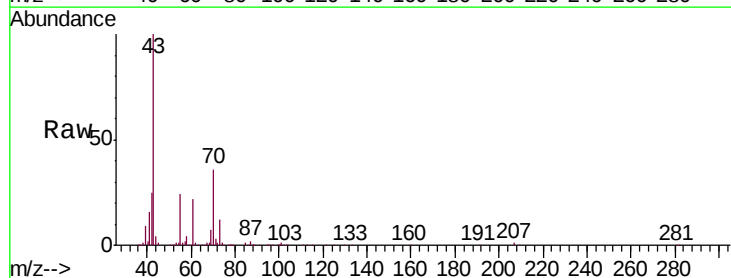
Ion Ratio Lower Upper

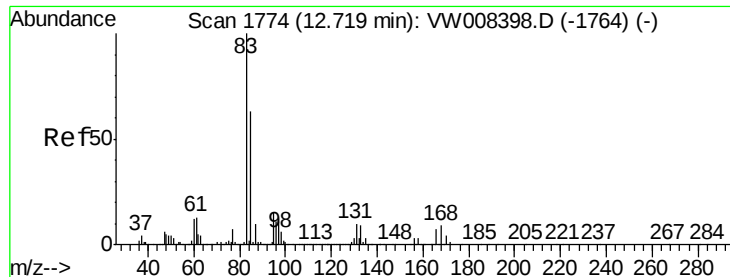
43 100

70 38.2 31.0 46.6

55 23.2 17.4 26.2

61 22.2 18.2 27.4





#75

1,1,2,2-Tetrachloroethane

Concen: 21.443 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. 0.00 min

Lab File: VW008592.D

Acq: 11 Feb 2019 12:55

Instrument :

MSVOA_W

ClientSampleId :

VW0211SBSD01

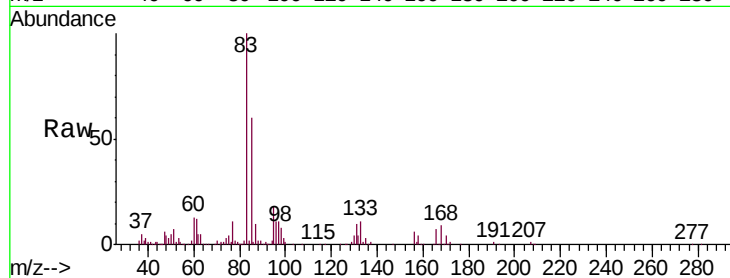
Tgt Ion: 83 Resp: 74114

Ion Ratio Lower Upper

83 100

131 10.9 5.5 16.4

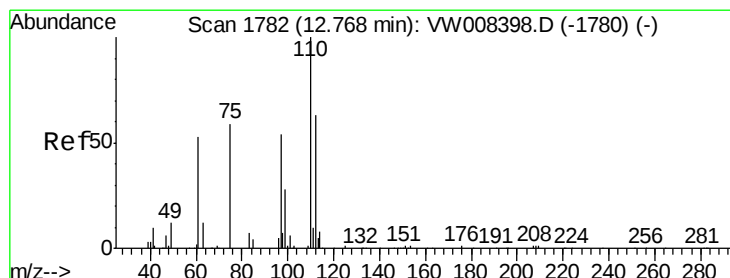
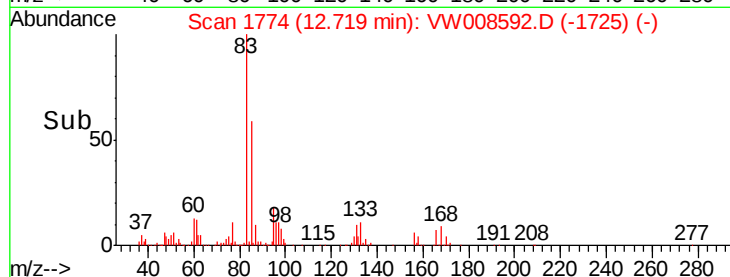
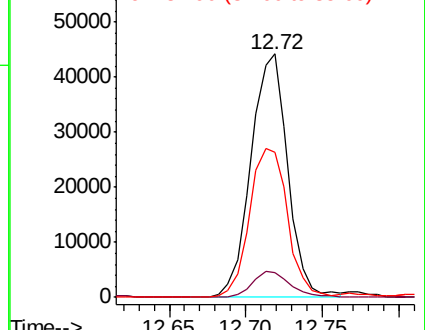
85 63.2 31.9 95.5



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): VW

Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 40.538 ug/l

RT: 12.77 min Scan# 1782

Delta R.T. 0.00 min

Lab File: VW008592.D

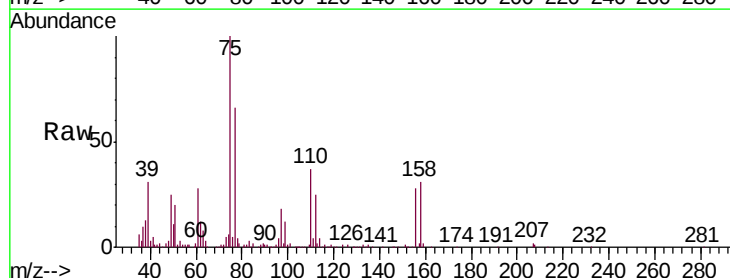
Acq: 11 Feb 2019 12:55

Tgt Ion: 75 Resp: 103207

Ion Ratio Lower Upper

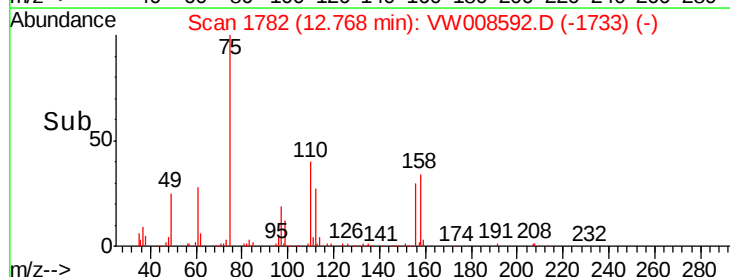
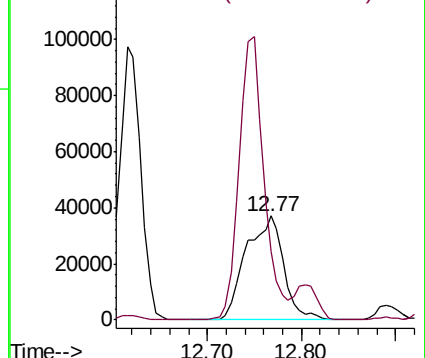
75 100

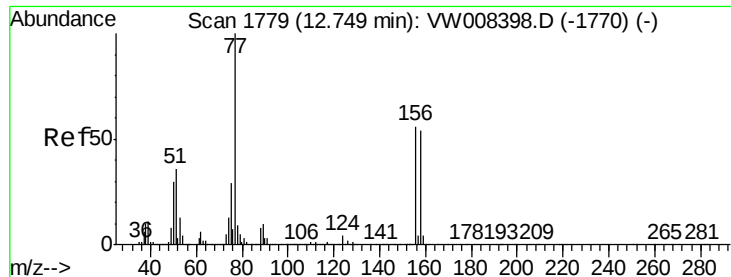
77 181.3 180.7 542.1



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 21.200 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VW008592.D

Acq: 11 Feb 2019 12:55

Instrument :

MSVOA_W

ClientSampleId :

VW0211SBSD01

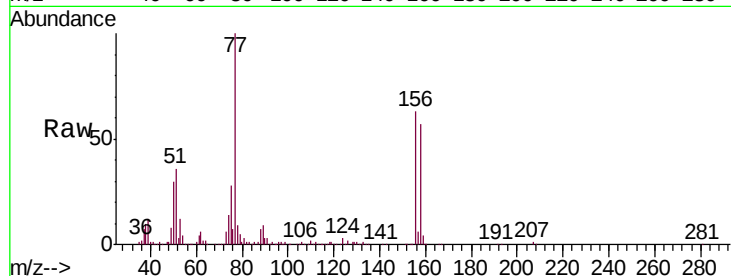
Tgt Ion: 156 Resp: 101075

Ion Ratio Lower Upper

156 100

77 185.1 96.9 290.7

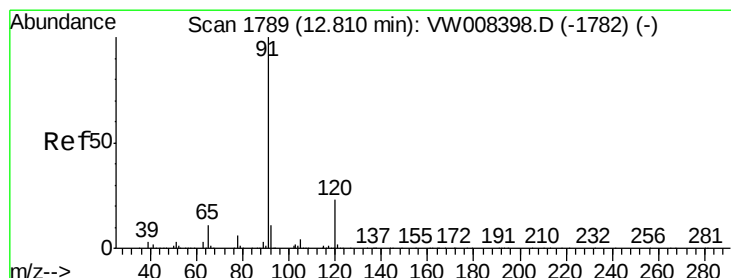
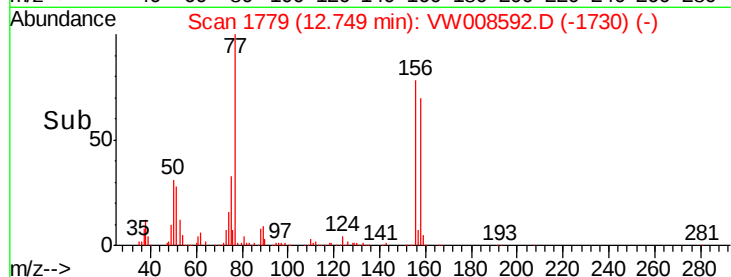
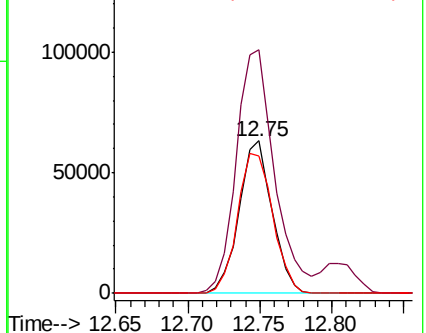
158 97.6 48.8 146.4



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: 20.106 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. -0.01 min

Lab File: VW008592.D

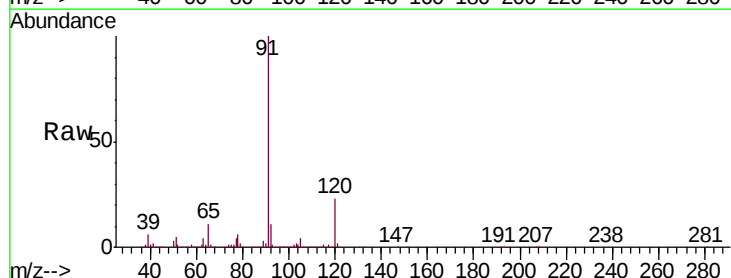
Acq: 11 Feb 2019 12:55

Tgt Ion: 91 Resp: 527198

Ion Ratio Lower Upper

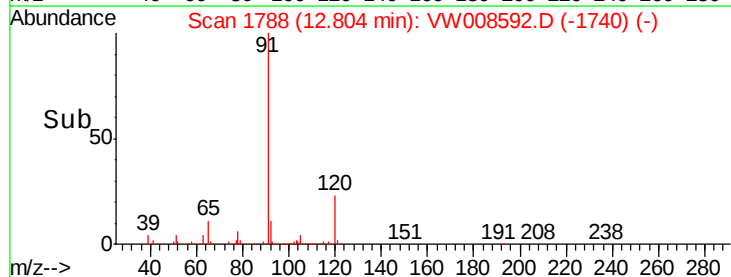
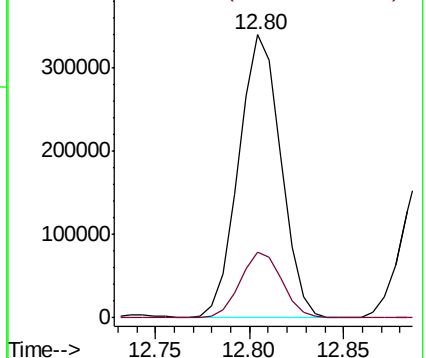
91 100

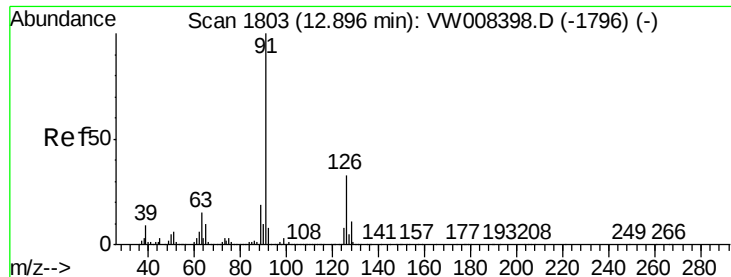
120 23.1 11.4 34.1



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.834 ug/l

RT: 12.89 min Scan# 1802

Delta R.T. -0.01 min

Lab File: VW008592.D

Acq: 11 Feb 2019 12:55

Instrument :

MSVOA_W

ClientSampleId :

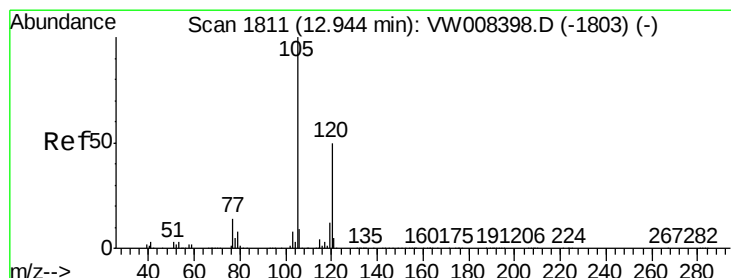
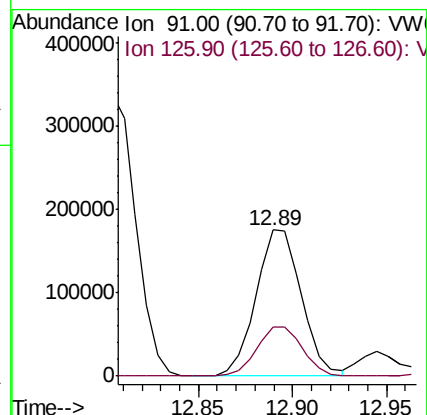
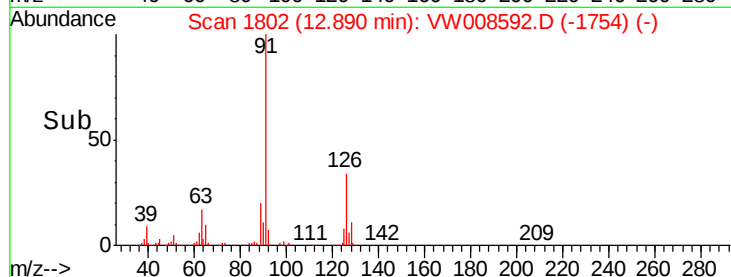
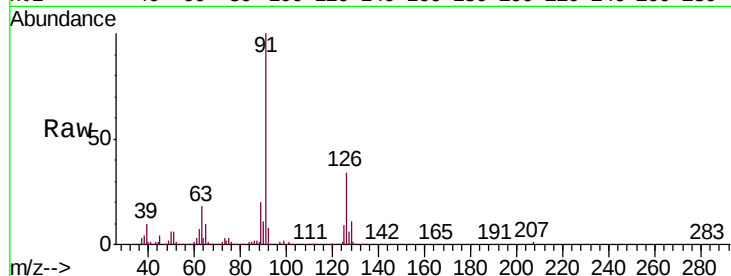
VW0211SBSD01

Tgt Ion: 91 Resp: 293460

Ion Ratio Lower Upper

91 100

126 34.0 16.5 49.5



#80

1,3,5-Trimethylbenzene

Concen: 19.902 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. 0.00 min

Lab File: VW008592.D

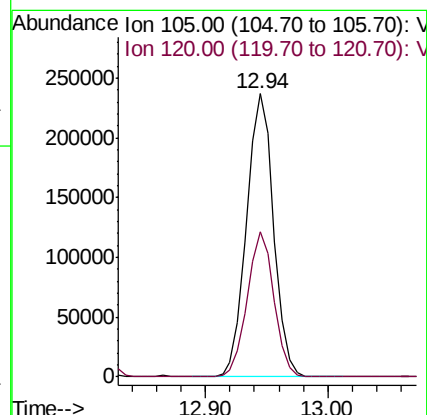
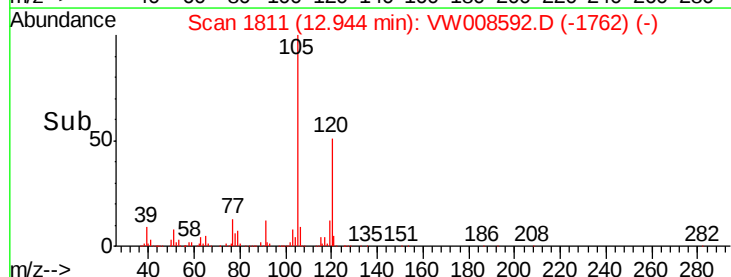
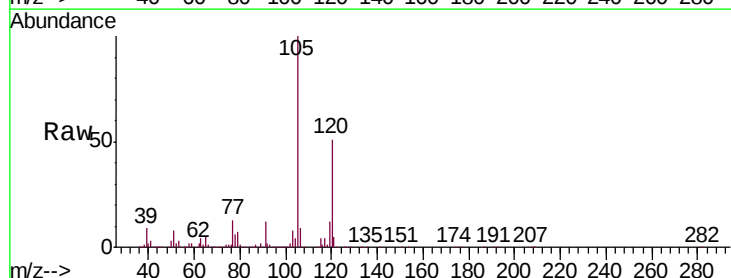
Acq: 11 Feb 2019 12:55

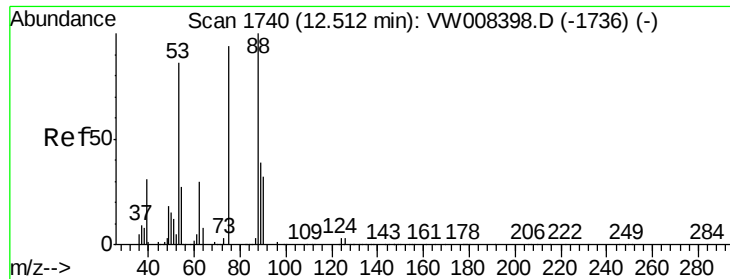
Tgt Ion: 105 Resp: 363152

Ion Ratio Lower Upper

105 100

120 50.6 24.6 73.8

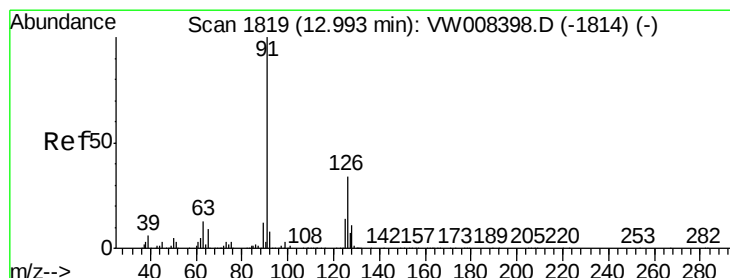
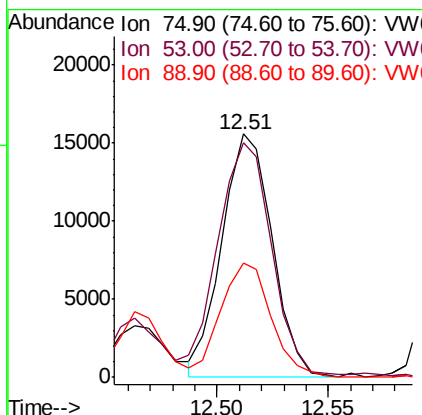
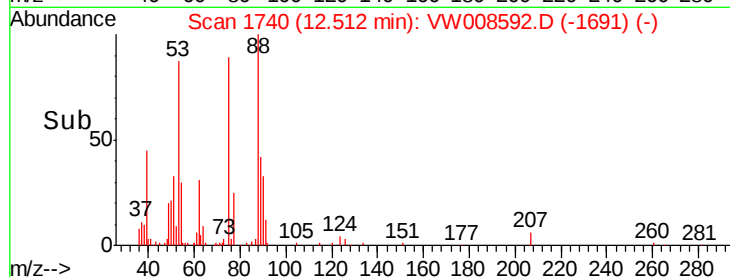
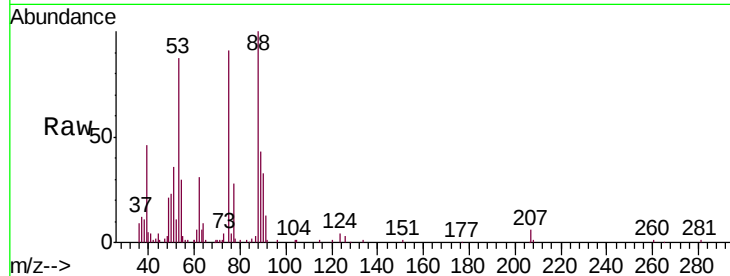




#81
trans-1,4-Dichloro-2-butene
Concen: 18.888 ug/l
RT: 12.51 min Scan# 1740
Delta R.T. 0.00 min
Lab File: VW008592.D
Acq: 11 Feb 2019 12:55

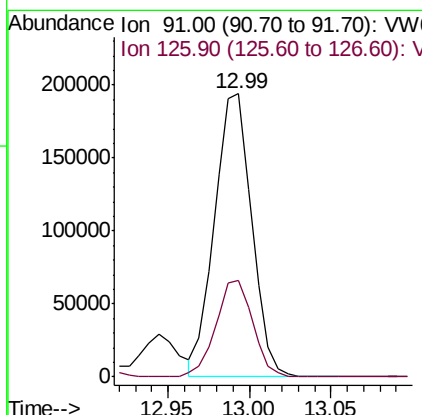
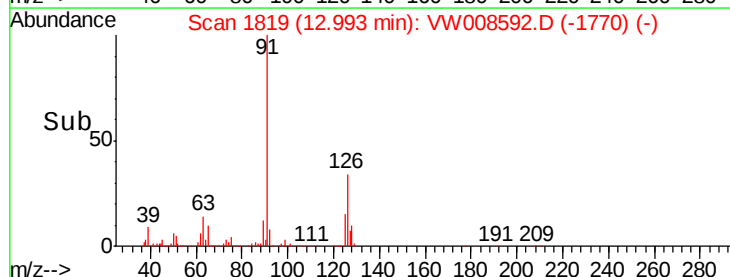
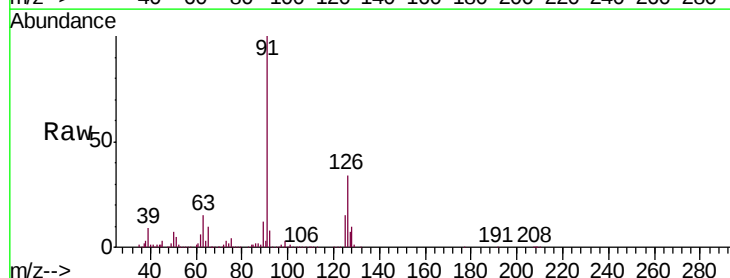
Instrument :
MSVOA_W
ClientSampleId :
VW0211SBSD01

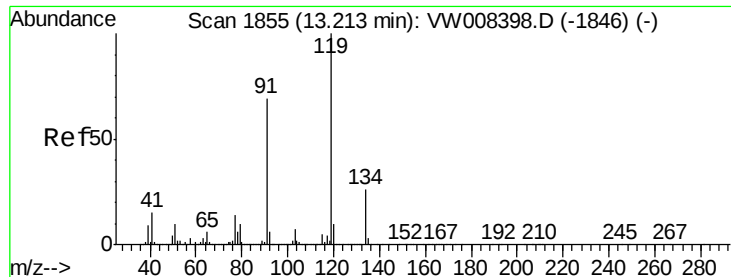
Tgt Ion: 75 Resp: 24347
Ion Ratio Lower Upper
75 100
53 102.8 76.0 114.0
89 47.3 35.4 53.0



#82
4-Chlorotoluene
Concen: 19.512 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. 0.00 min
Lab File: VW008592.D
Acq: 11 Feb 2019 12:55

Tgt Ion: 91 Resp: 307367
Ion Ratio Lower Upper
91 100
126 34.1 16.4 49.2

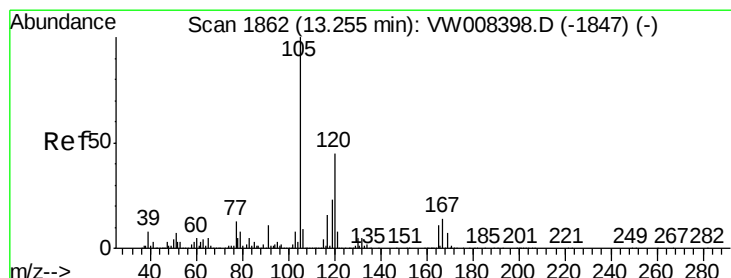
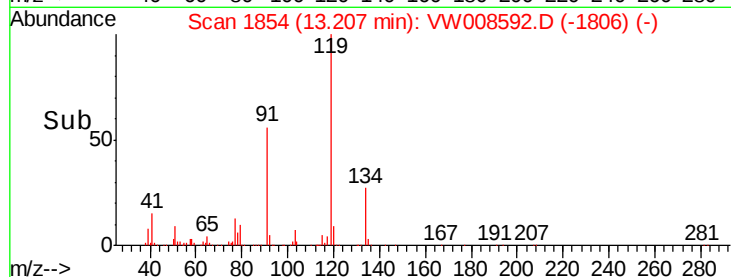
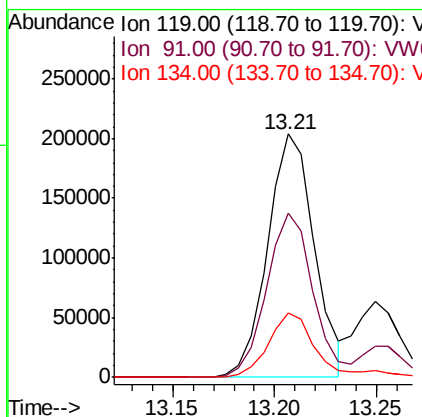
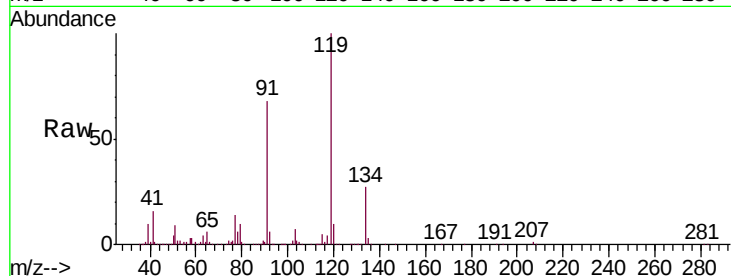




#83
tert-Butylbenzene
Concen: 20.062 ug/l
RT: 13.21 min Scan# 1854
Delta R.T. -0.01 min
Lab File: VW008592.D
Acq: 11 Feb 2019 12:55

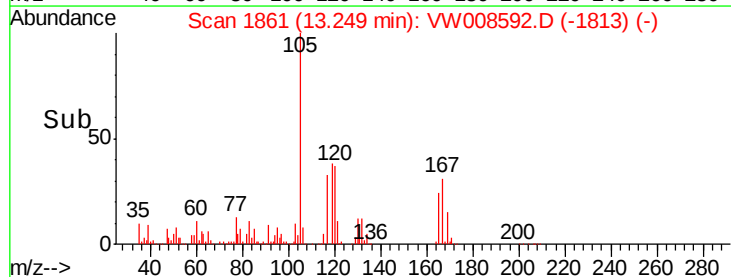
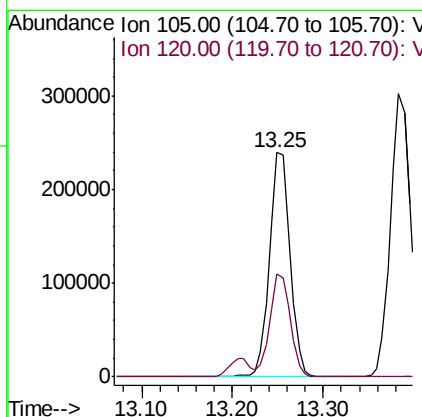
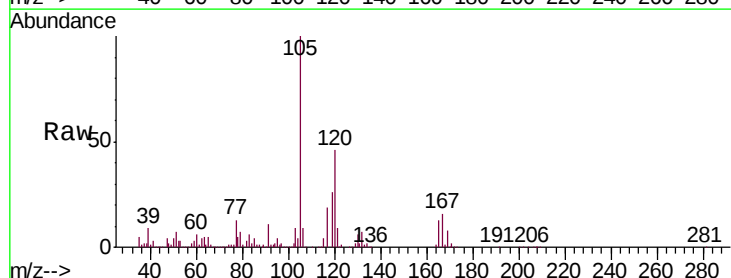
Instrument :
MSVOA_W
ClientSampleId :
VW0211SBSD01

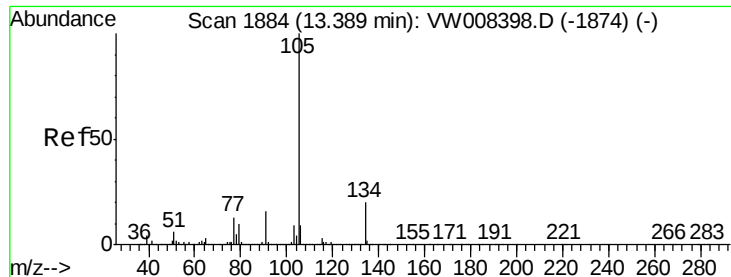
Tgt Ion:119 Resp: 325755
Ion Ratio Lower Upper
119 100
91 67.2 33.8 101.4
134 25.4 13.5 40.4



#84
1,2,4-Trimethylbenzene
Concen: 20.343 ug/l
RT: 13.25 min Scan# 1861
Delta R.T. -0.01 min
Lab File: VW008592.D
Acq: 11 Feb 2019 12:55

Tgt Ion:105 Resp: 377306
Ion Ratio Lower Upper
105 100
120 45.3 23.1 69.2

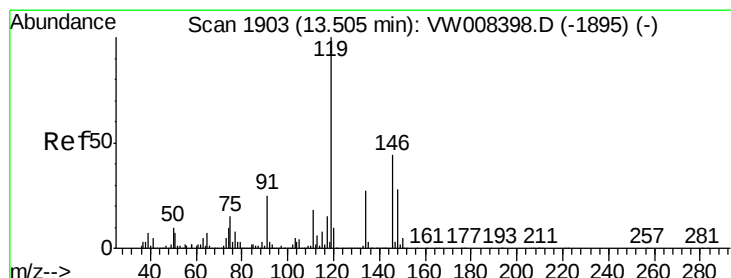
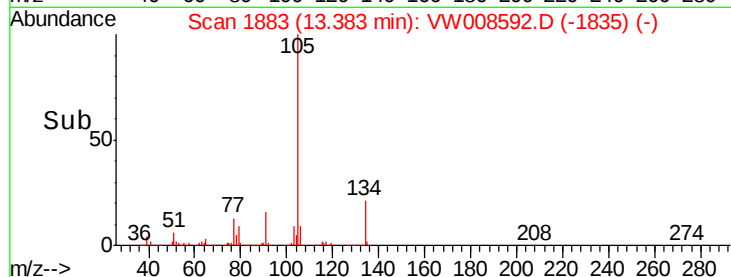
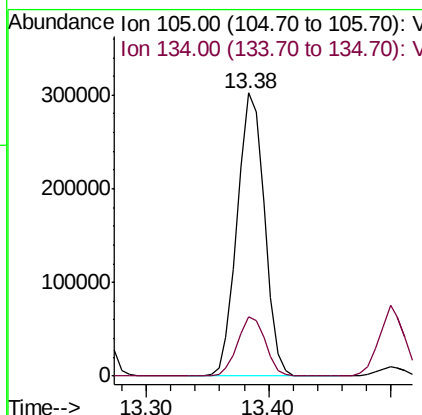
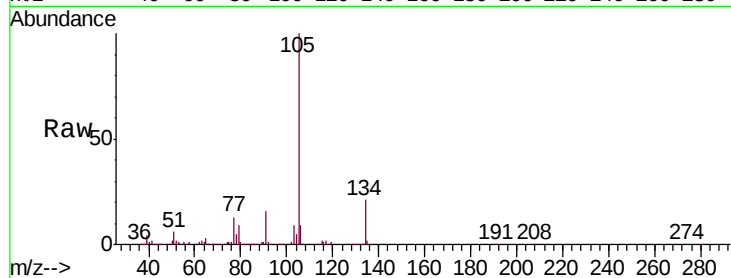




#85
 sec-Butylbenzene
 Concen: 20.103 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. -0.01 min
 Lab File: VW008592.D
 Acq: 11 Feb 2019 12:55

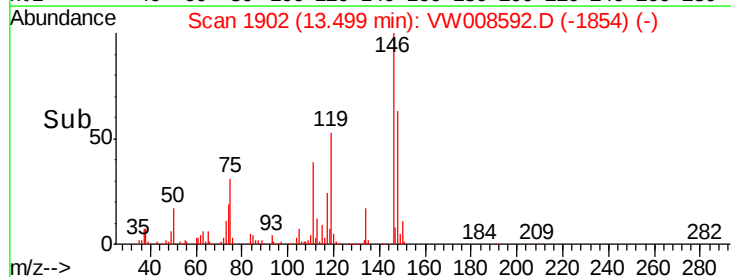
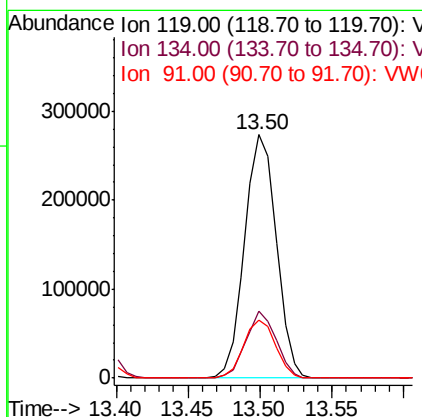
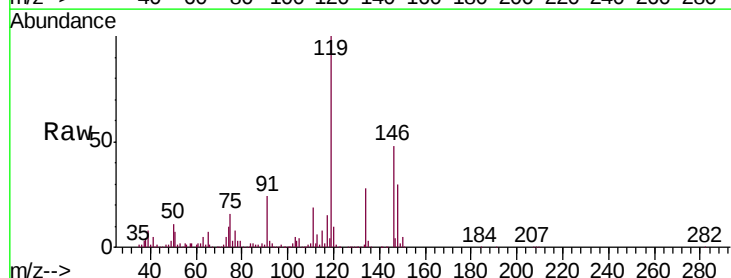
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0211SBSD01

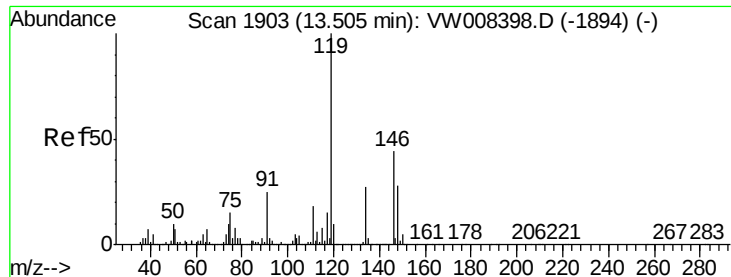
Tgt Ion:105 Resp: 466173
 Ion Ratio Lower Upper
 105 100
 134 21.2 10.2 30.6



#86
 p-Isopropyltoluene
 Concen: 20.456 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.01 min
 Lab File: VW008592.D
 Acq: 11 Feb 2019 12:55

Tgt Ion:119 Resp: 415523
 Ion Ratio Lower Upper
 119 100
 134 26.4 13.4 40.2
 91 24.0 12.6 37.6

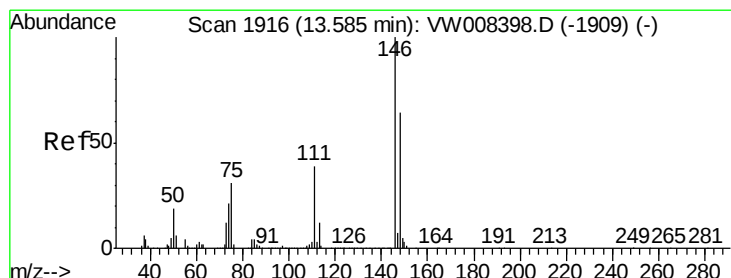
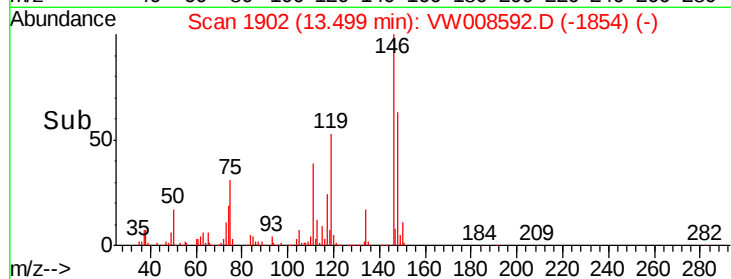
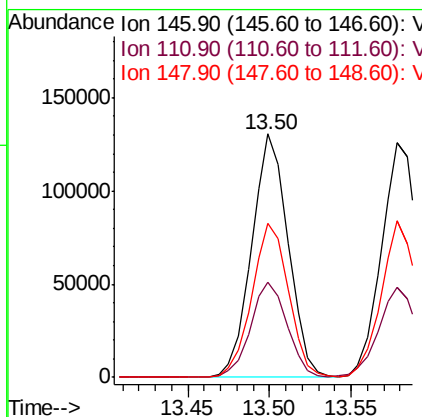
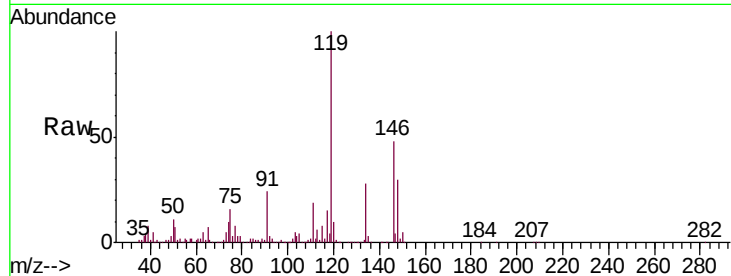




#87
 1,3-Dichlorobenzene
 Concen: 21.105 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.01 min
 Lab File: VW008592.D
 Acq: 11 Feb 2019 12:55

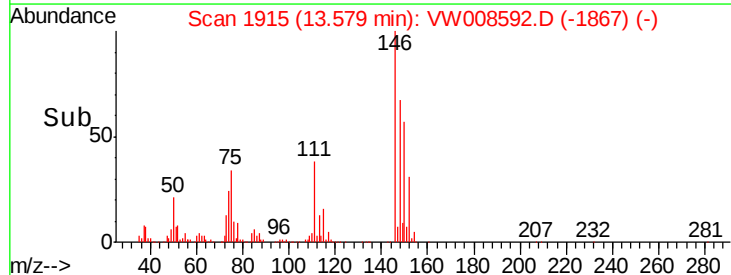
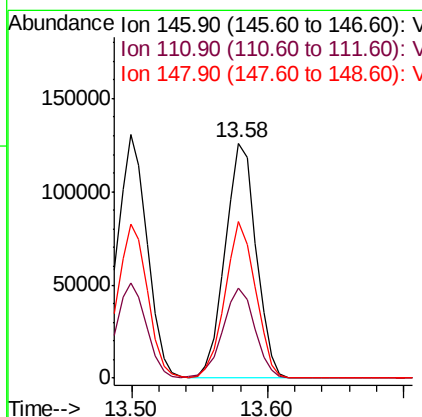
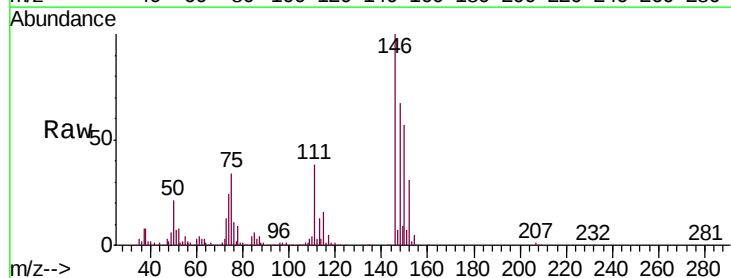
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0211SBSD01

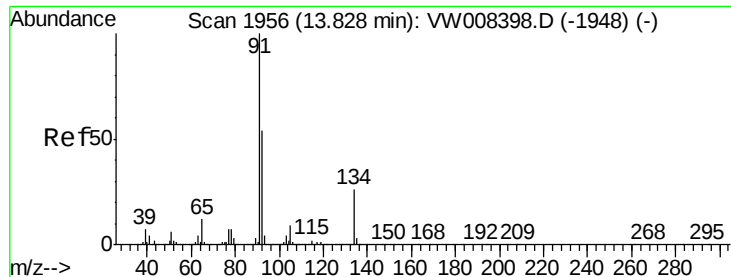
Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.2	20.3	60.9
148	63.5	31.9	95.7



#88
 1,4-Dichlorobenzene
 Concen: 20.906 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. -0.01 min
 Lab File: VW008592.D
 Acq: 11 Feb 2019 12:55

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.6	20.0	60.0
148	65.5	32.0	96.2





#89

n-Butylbenzene

Concen: 20.088 ug/l

RT: 13.83 min Scan# 1956

Delta R.T. 0.00 min

Lab File: VW008592.D

Acq: 11 Feb 2019 12:55

Instrument :

MSVOA_W

ClientSampleId :

VW0211SBSD01

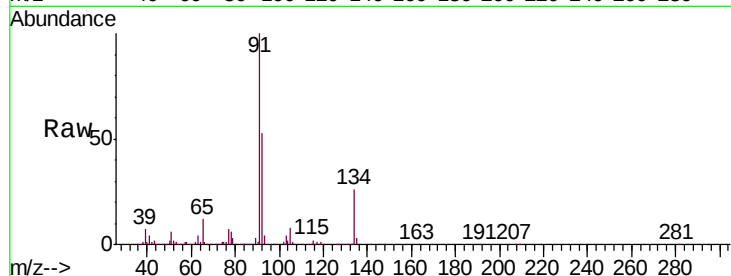
Tgt Ion: 91 Resp: 400646

Ion Ratio Lower Upper

91 100

92 54.0 27.4 82.2

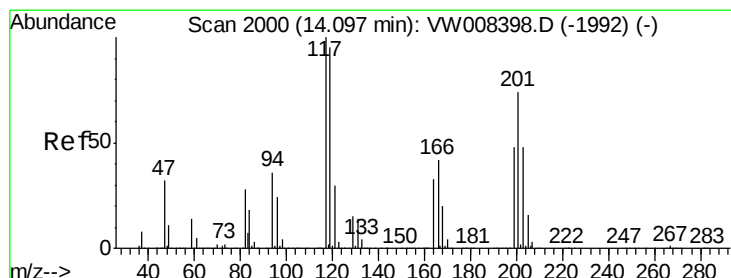
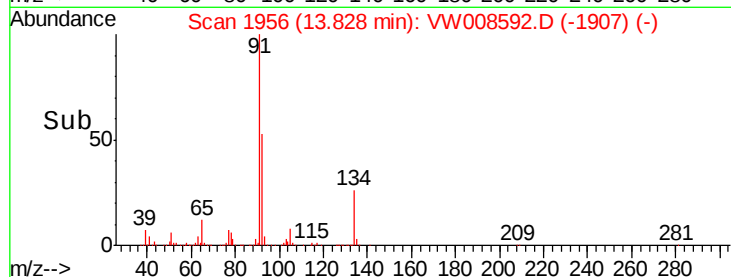
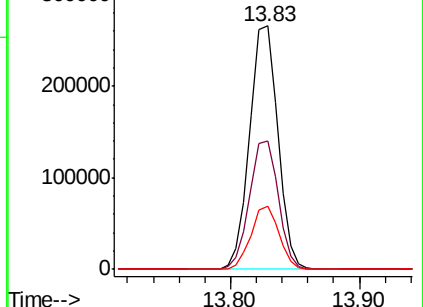
134 25.9 13.0 39.0



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 92.00 (91.70 to 92.70): VW

Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: 19.925 ug/l

RT: 14.10 min Scan# 2000

Delta R.T. 0.00 min

Lab File: VW008592.D

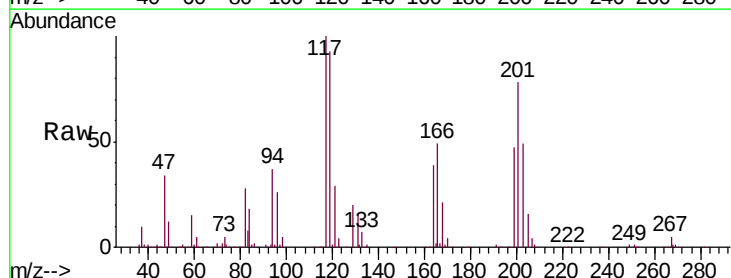
Acq: 11 Feb 2019 12:55

Tgt Ion: 117 Resp: 79150

Ion Ratio Lower Upper

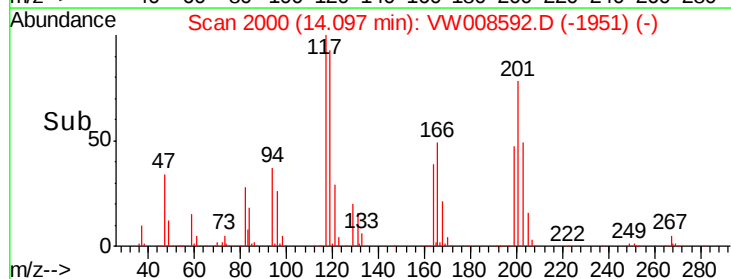
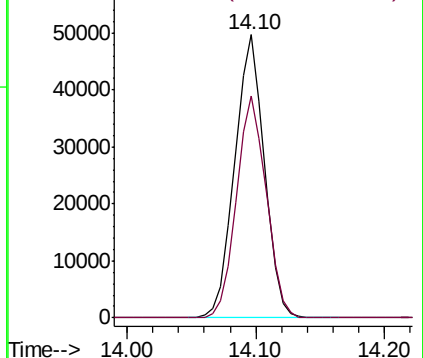
117 100

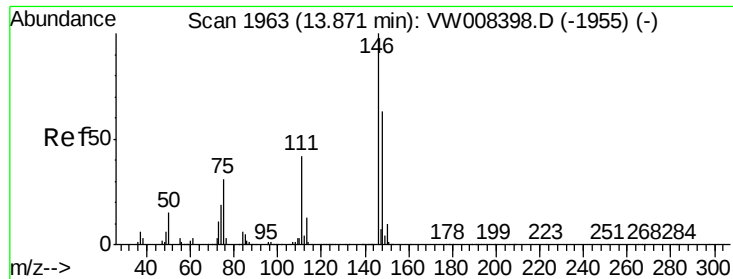
201 78.7 39.1 117.5



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

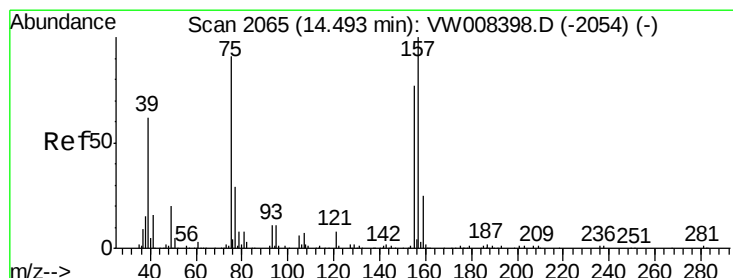
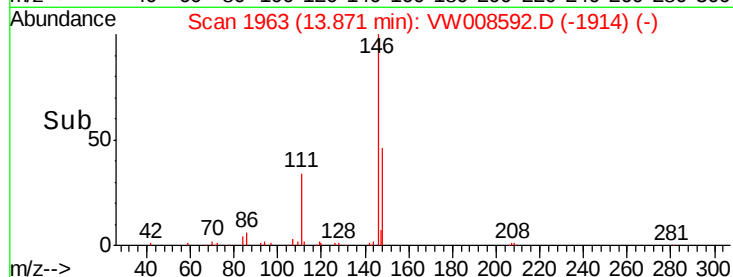
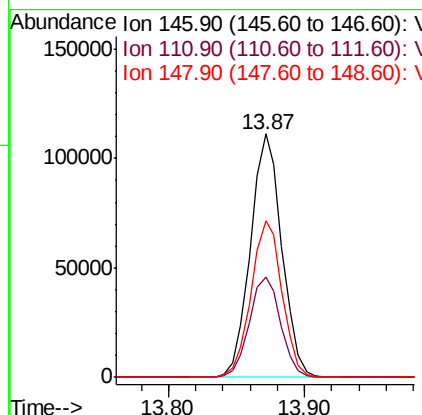
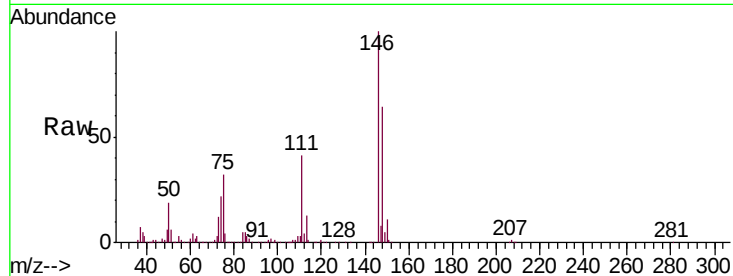




#91
 1,2-Dichlorobenzene
 Concen: 21.034 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. 0.00 min
 Lab File: VW008592.D
 Acq: 11 Feb 2019 12:55

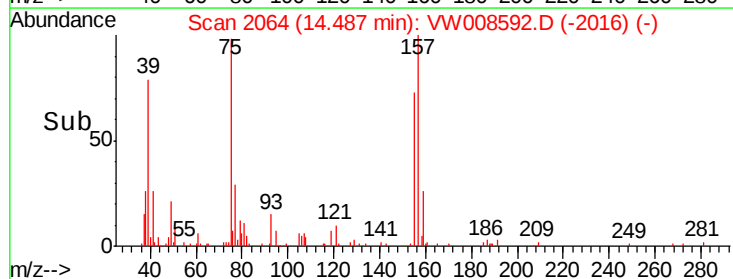
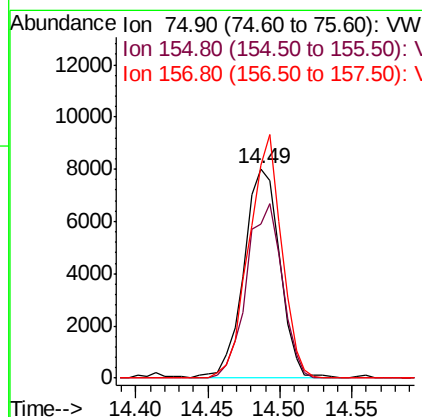
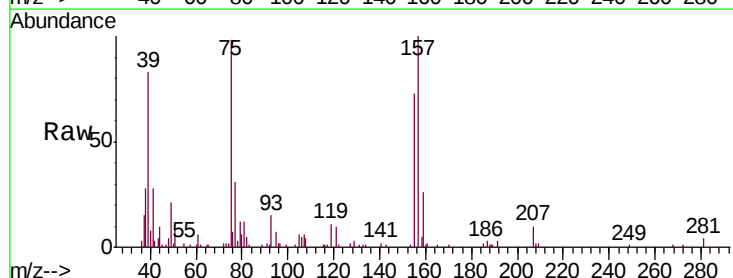
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0211SBSD01

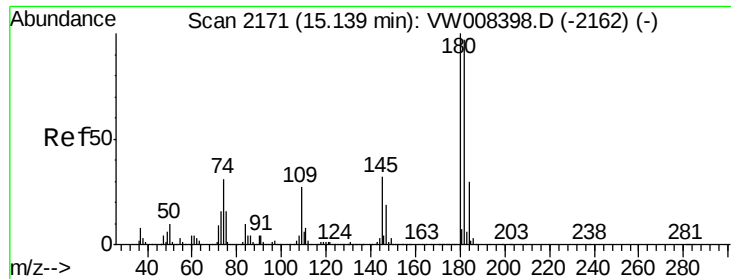
Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.3	21.1	63.3
148	63.8	31.9	95.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 21.159 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. -0.01 min
 Lab File: VW008592.D
 Acq: 11 Feb 2019 12:55

Tgt Ion	Ratio	Lower	Upper
75	100		
155	81.8	42.7	128.1
157	104.9	55.5	166.3

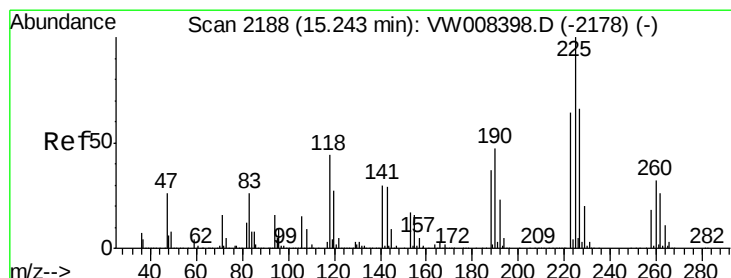
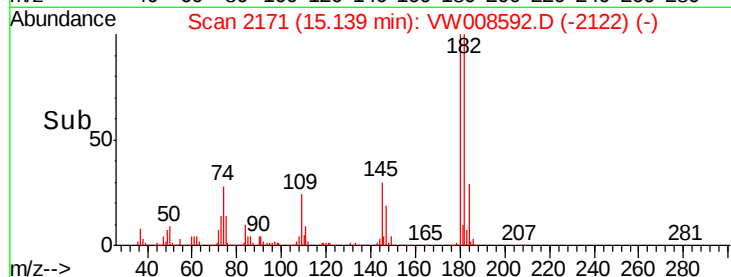
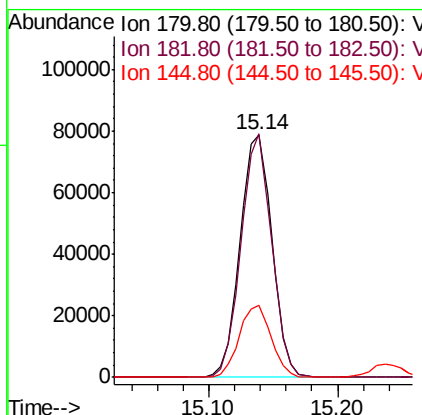
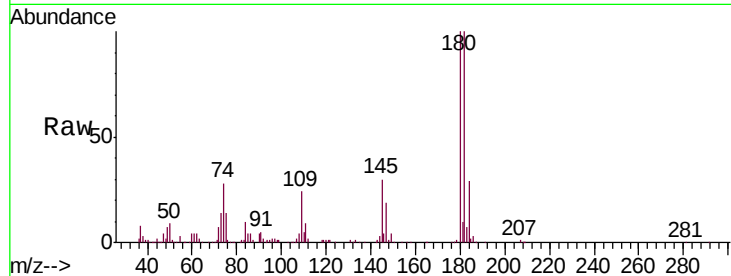




#93
 1,2,4-Trichlorobenzene
 Concen: 22.117 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. 0.00 min
 Lab File: VW008592.D
 Acq: 11 Feb 2019 12:55

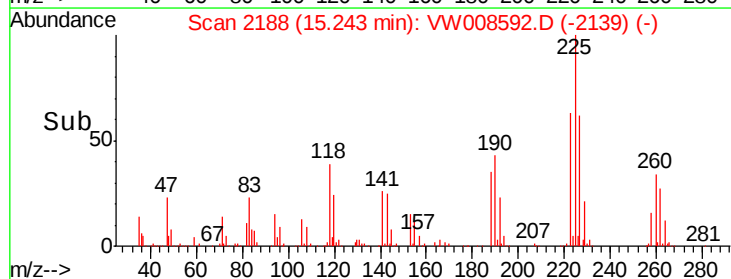
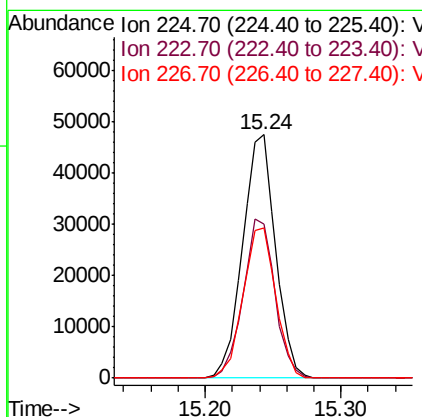
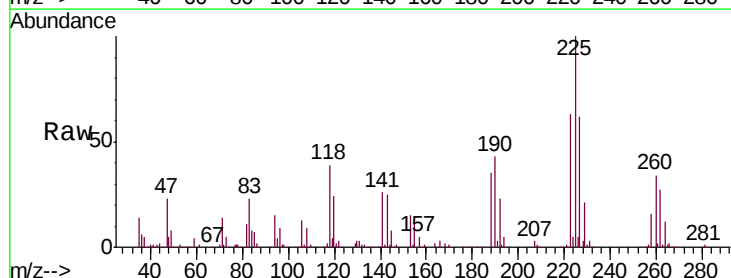
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0211SBSD01

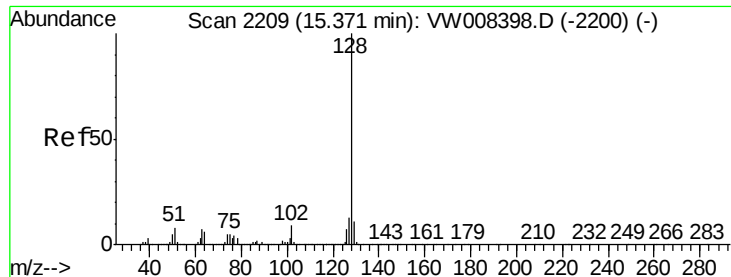
Tgt Ion	Resp	Lower	Upper
180	134469		
182	95.6	47.9	143.7
145	29.7	15.5	46.5



#94
 Hexachlorobutadiene
 Concen: 21.927 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. 0.00 min
 Lab File: VW008592.D
 Acq: 11 Feb 2019 12:55

Tgt Ion	Resp	Lower	Upper
225	80340		
223	63.2	31.7	95.1
227	61.6	32.1	96.3

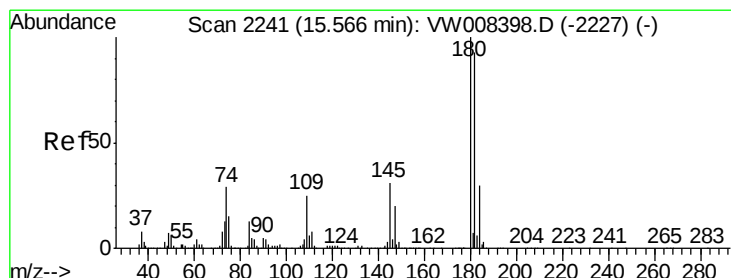
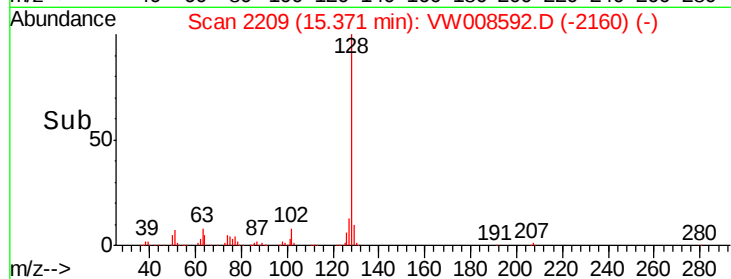
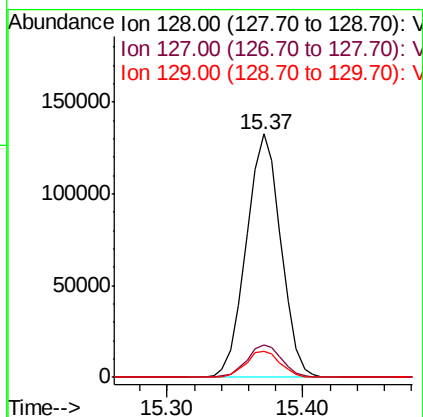
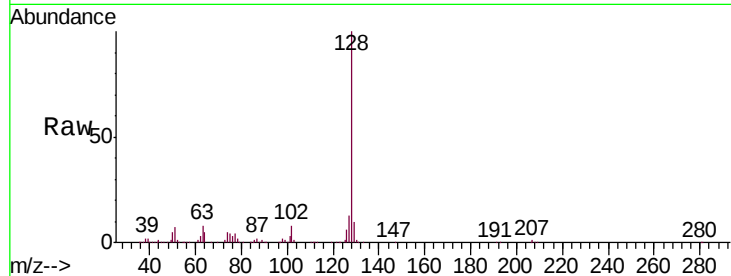




#95
Naphthalene
Concen: 22.153 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. 0.00 min
Lab File: VW008592.D
Acq: 11 Feb 2019 12:55

Instrument :
MSVOA_W
ClientSampleId :
VW0211SBSD01

Tgt Ion:128 Resp: 236486
Ion Ratio Lower Upper
128 100
127 13.5 10.6 15.8
129 10.9 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 22.414 ug/l
RT: 15.56 min Scan# 2240
Delta R.T. -0.01 min
Lab File: VW008592.D
Acq: 11 Feb 2019 12:55

Tgt Ion:180 Resp: 115598
Ion Ratio Lower Upper
180 100
182 94.0 47.0 141.2
145 32.4 15.9 47.6

