

Data File : VW004836.D
Acq On : 21 Aug 2018 13:02
Operator : SY/AP
Sample : VW0821SBS01
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW0821SBS01

Quant Time: Aug 22 05:16:24 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W081918S.M
Quant Title : SW846 8260
QLast Update : Sat Aug 18 01:49:53 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	632719	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	928057	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	869114	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	463373	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	287503	47.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.00%	
35) Dibromofluoromethane	7.88	113	297995	50.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.48%	
50) Toluene-d8	10.33	98	1217770	52.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.18%	
62) 4-Bromofluorobenzene	12.62	95	429145	51.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.04%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.01	85	83671	19.964	ug/l	99
3) Chloromethane	2.22	50	103047	18.805	ug/l	97
4) Vinyl Chloride	2.37	62	174307	21.610	ug/l	98
5) Bromomethane	2.79	94	107033	21.486	ug/l	97
6) Chloroethane	2.93	64	104071	21.384	ug/l	100
7) Trichlorofluoromethane	3.26	101	92888	24.445	ug/l	98
8) Diethyl Ether	3.68	74	67208	19.562	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.06	101	141917	21.689	ug/l	99
10) Methyl Iodide	4.27	142	204061	20.535	ug/l	99
11) Tert butyl alcohol	5.22	59	28943	84.690	ug/l #	93
12) 1,1-Dichloroethene	4.03	96	133671	20.501	ug/l	99
13) Acrolein	3.90	56	42865	93.467	ug/l	100
14) Allyl chloride	4.67	41	196771	19.886	ug/l	100
15) Acrylonitrile	5.38	53	130056	90.267	ug/l	99
16) Acetone	4.14	43	148573	95.144	ug/l	100
17) Carbon Disulfide	4.38	76	443700	20.707	ug/l	99
18) Methyl Acetate	4.68	43	60771	18.160	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	160456	18.957	ug/l	95
20) Methylene Chloride	4.92	84	160357	19.892	ug/l	99
21) trans-1,2-Dichloroethene	5.42	96	141847	20.446	ug/l	98
22) Diisopropyl ether	6.32	45	395477	20.794	ug/l	99
23) Vinyl Acetate	6.26	43	1005297	93.450	ug/l	100
24) 1,1-Dichloroethane	6.22	63	250491	20.268	ug/l	100
25) 2-Butanone	7.18	43	197652	88.836	ug/l	99
26) 2,2-Dichloropropane	7.17	77	151884	21.277	ug/l	98
27) cis-1,2-Dichloroethene	7.17	96	150433	20.142	ug/l	100
28) Bromochloromethane	7.51	49	99348	19.089	ug/l	100
29) Tetrahydrofuran	7.54	42	98783	87.069	ug/l	100
30) Chloroform	7.68	83	244479	20.113	ug/l	96
31) Cyclohexane	7.96	56	243498	20.369	ug/l	95
32) 1,1,1-Trichloroethane	7.88	97	202257	20.991	ug/l	98
36) 1,1-Dichloropropene	8.09	75	202650	21.196	ug/l	99
37) Ethyl Acetate	7.26	43	72698	19.075	ug/l	99
38) Carbon Tetrachloride	8.07	117	189380	21.519	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	253459	21.199	ug/l	99
40) Benzene	8.33	78	578078	20.805	ug/l	100
41) Methacrylonitrile	7.49	41	36442	16.849	ug/l	89
42) 1,2-Dichloroethane	8.40	62	143731	20.173	ug/l	100
43) Isopropyl Acetate	8.43	43	124589	18.200	ug/l	98
44) Trichloroethene	9.10	130	147184	20.868	ug/l	97
45) 1,2-Dichloropropane	9.37	63	137636	20.251	ug/l	98
46) Dibromomethane	9.46	93	66210	19.664	ug/l	99
47) Bromodichloromethane	9.65	83	161333	20.063	ug/l	99
48) Methyl methacrylate	9.44	41	58232	18.128	ug/l	99
49) 1,4-Dioxane	9.48	88	19517	396.747	ug/l #	83
51) 4-Methyl-2-Pentanone	10.21	43	425414	91.949	ug/l	98
52) Toluene	10.39	92	358709	21.526	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	159738	19.717	ug/l	97
54) cis-1,3-Dichloropropene	10.08	75	194352	20.122	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	96470	20.156	ug/l	99
56) Ethyl methacrylate	10.65	69	105015	18.774	ug/l	100
57) 1,3-Dichloropropane	10.94	76	165405	20.021	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	254290	96.205	ug/l	100
59) 2-Hexanone	10.98	43	297469	94.891	ug/l	99
60) Dibromochloromethane	11.13	129	106746	19.879	ug/l	100
61) 1,2-Dibromoethane	11.24	107	89119	19.480	ug/l	99
64) Tetrachloroethene	10.87	164	126437	21.287	ug/l	97
65) Chlorobenzene	11.66	112	390273	20.863	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	127043	20.114	ug/l	99
67) Ethyl Benzene	11.74	91	665375	20.982	ug/l	99
68) m/p-Xylenes	11.85	106	532798	43.184	ug/l	100
69) o-Xylene	12.17	106	242738	21.253	ug/l	97
70) Styrene	12.19	104	404965	21.108	ug/l	99
71) Bromoform	12.35	173	64120	19.234	ug/l #	100
73) Isopropylbenzene	12.47	105	672141	21.322	ug/l	100
74) N-amyl acetate	12.28	43	122221	19.242	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	112787	19.314	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	143104	35.034	ug/l #	100
77) Bromobenzene	12.75	156	155651	20.399	ug/l	99
78) n-propylbenzene	12.81	91	839299	21.818	ug/l	100
79) 2-Chlorotoluene	12.90	91	466926	21.058	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	580924	21.691	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	31570	17.964	ug/l	96
82) 4-Chlorotoluene	12.99	91	505435	21.454	ug/l	99
83) tert-Butylbenzene	13.21	119	490393	21.408	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	597070	21.669	ug/l	100
85) sec-Butylbenzene	13.39	105	744164	21.759	ug/l	100
86) p-Isopropyltoluene	13.51	119	651942	21.908	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	325714	20.986	ug/l	100
88) 1,4-Dichlorobenzene	13.59	146	322840	20.809	ug/l	99
89) n-Butylbenzene	13.83	91	615184	21.382	ug/l	100
90) Hexachloroethane	14.10	117	113292	20.887	ug/l	100
91) 1,2-Dichlorobenzene	13.88	146	290917	20.869	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	16951	18.573	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW082118\
Quantitation Report (Not Reviewed)

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Quant Title : SW846 8260
QLast Update : Sat Aug 18 01:49:53 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	201212	20.407	ug/l	98
94) Hexachlorobutadiene	15.24	225	131342	21.703	ug/l	99
95) Naphthalene	15.38	128	316087	18.892	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	178552	20.421	ug/l	99

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

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Operator : SY/AP

Sample : VW0821SBSD01

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 :
VW0821SBSD01

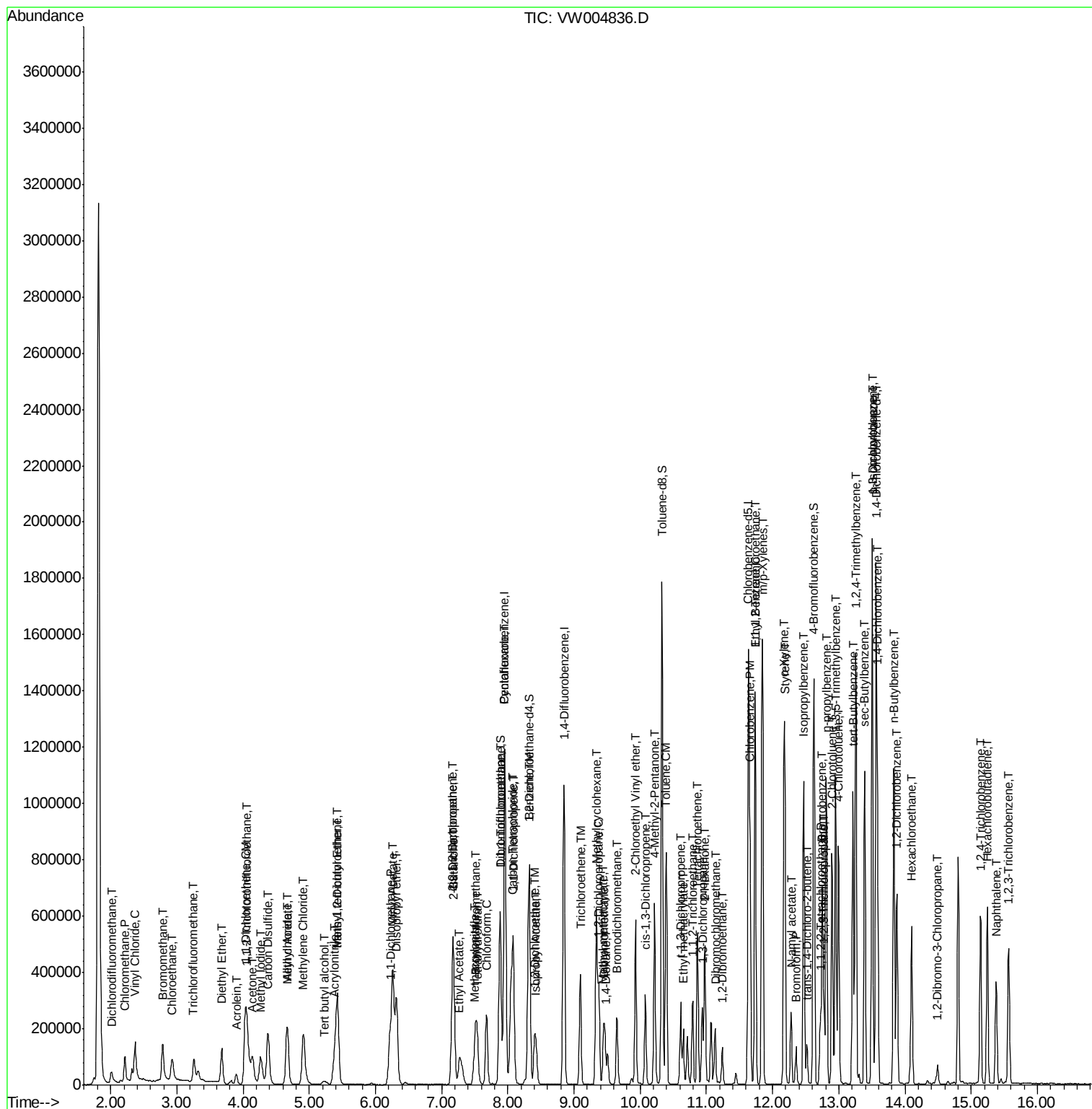
Quant Time: Aug 22 05:16:24 2018

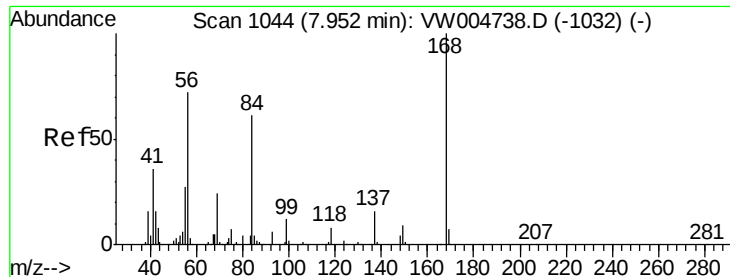
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Quant Title : SW846 8260

QLast Update : Sat Aug 18 01:49:53 2018

Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. 0.00 min

Lab File: VW004836.D

Acq: 21 Aug 2018 13:02

Instrument :

MSVOA_W

ClientSampleId :

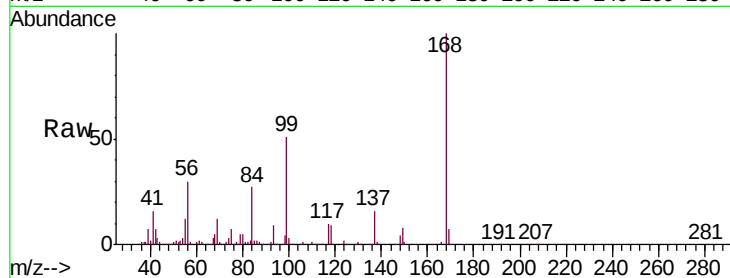
VW0821SBSD01

Tgt Ion:168 Resp: 632719

Ion Ratio Lower Upper

168 100

99 51.3 41.0 61.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

300000

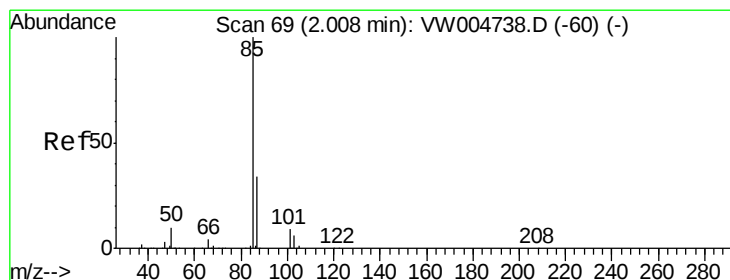
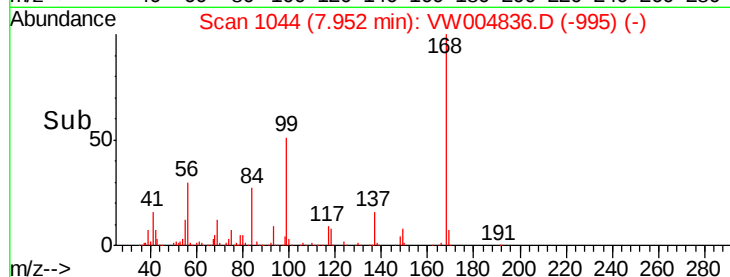
200000

100000

0

7.80 7.90 8.00 8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 19.964 ug/l

RT: 2.01 min Scan# 70

Delta R.T. 0.01 min

Lab File: VW004836.D

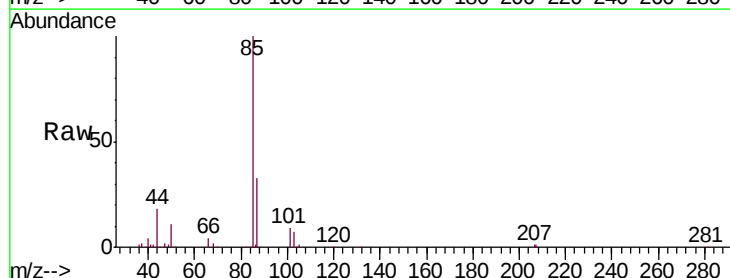
Acq: 21 Aug 2018 13:02

Tgt Ion: 85 Resp: 83671

Ion Ratio Lower Upper

85 100

87 32.8 16.8 50.4



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

25000

20000

15000

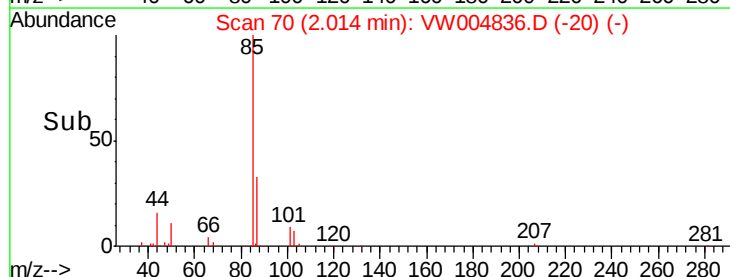
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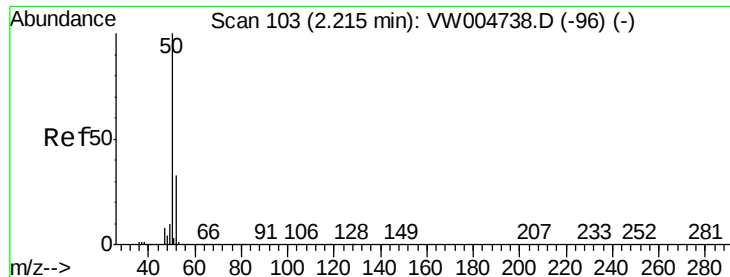
5000

0

1.90 2.00 2.10 2.20

Time-->





#3

Chloromethane

Concen: 18.805 ug/l

RT: 2.22 min Scan# 103

Delta R.T. 0.00 min

Lab File: VW004836.D

Acq: 21 Aug 2018 13:02

Instrument :

MSVOA_W

ClientSampleId :

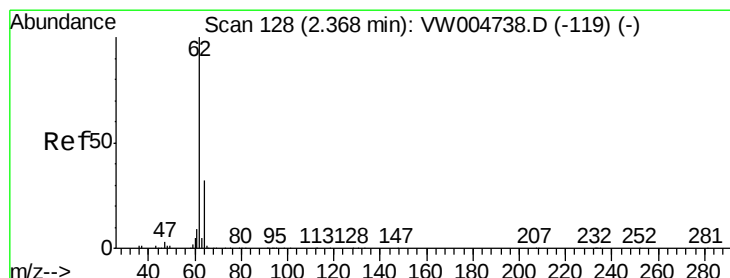
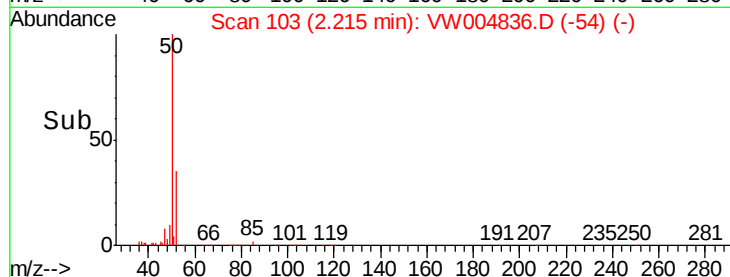
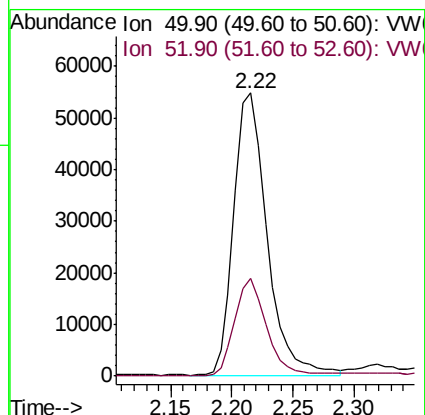
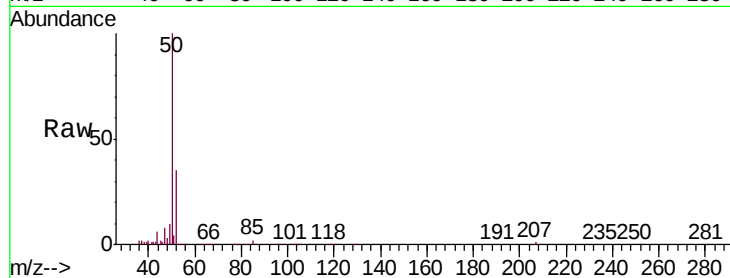
VW0821SBSD01

Tgt Ion: 50 Resp: 103047

Ion Ratio Lower Upper

50 100

52 34.9 26.7 40.1



#4

Vinyl Chloride

Concen: 21.610 ug/l

RT: 2.37 min Scan# 128

Delta R.T. 0.00 min

Lab File: VW004836.D

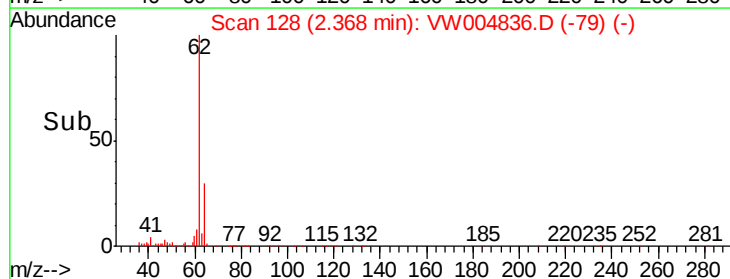
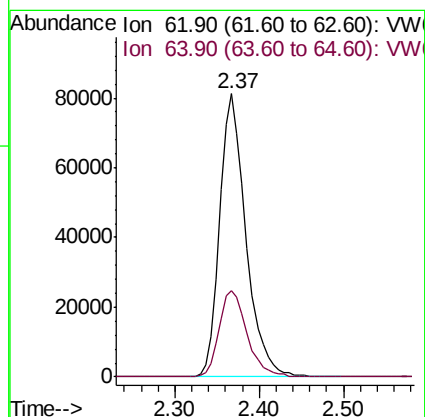
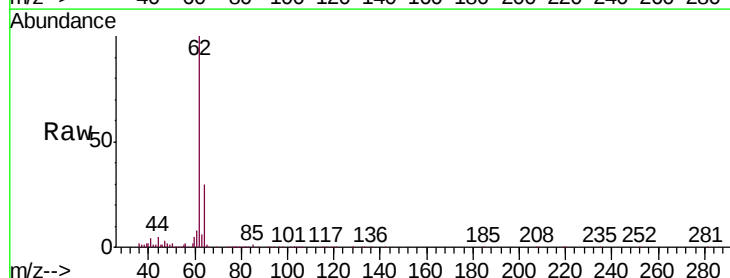
Acq: 21 Aug 2018 13:02

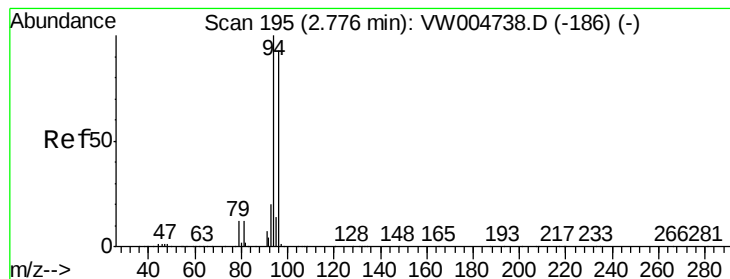
Tgt Ion: 62 Resp: 174307

Ion Ratio Lower Upper

62 100

64 30.3 25.2 37.8





#5

Bromomethane

Concen: 21.486 ug/l

RT: 2.79 min Scan# 197

Delta R.T. 0.01 min

Lab File: VW004836.D

Acq: 21 Aug 2018 13:02

Instrument :

MSVOA_W

ClientSampleId :

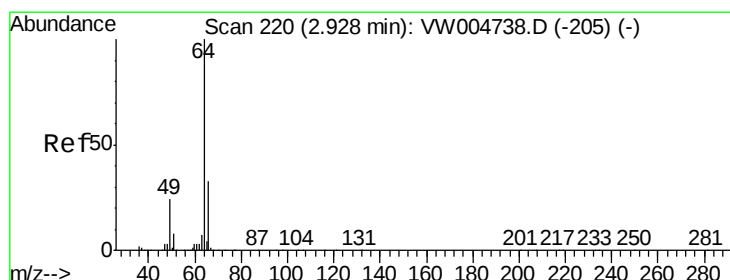
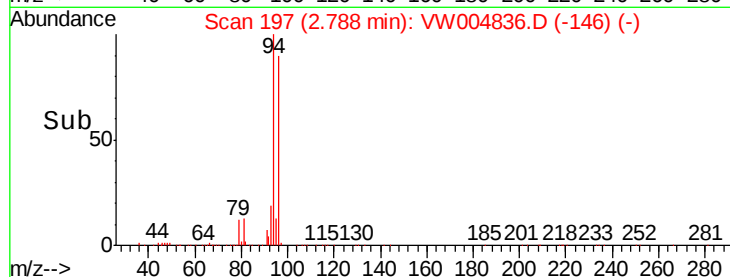
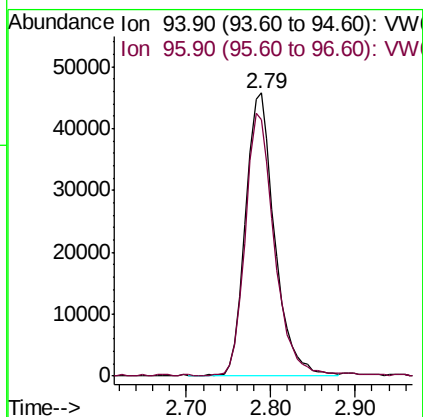
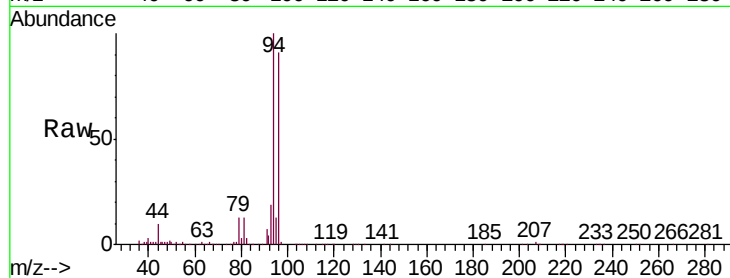
VW0821SBSD01

Tgt Ion: 94 Resp: 107033

Ion Ratio Lower Upper

94 100

96 90.0 74.3 111.5



#6

Chloroethane

Concen: 21.384 ug/l

RT: 2.93 min Scan# 220

Delta R.T. 0.00 min

Lab File: VW004836.D

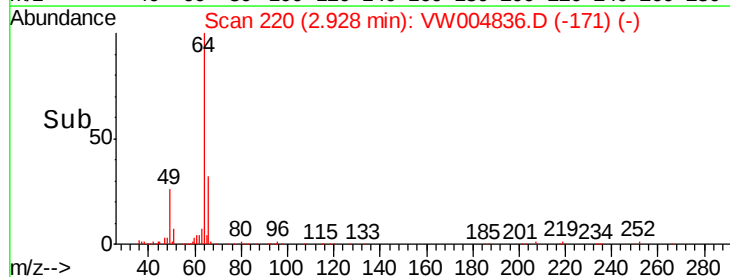
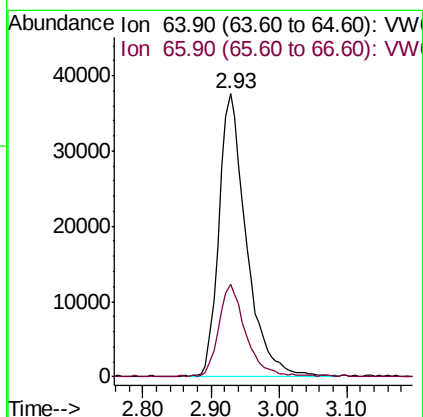
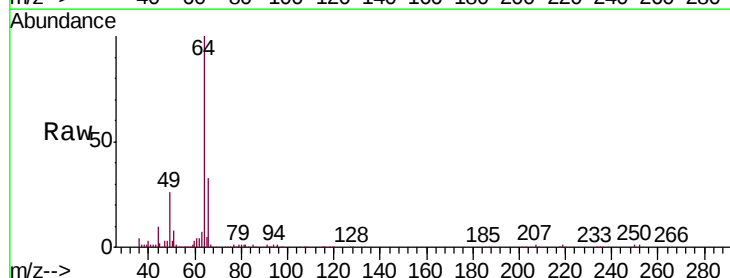
Acq: 21 Aug 2018 13:02

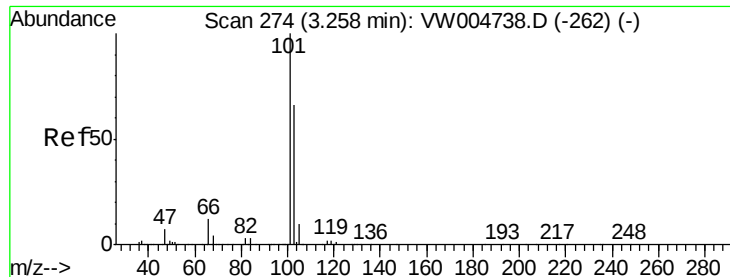
Tgt Ion: 64 Resp: 104071

Ion Ratio Lower Upper

64 100

66 32.4 26.1 39.1





#7

Trichlorofluoromethane

Concen: 24.445 ug/l

RT: 3.26 min Scan# 274

Delta R.T. 0.00 min

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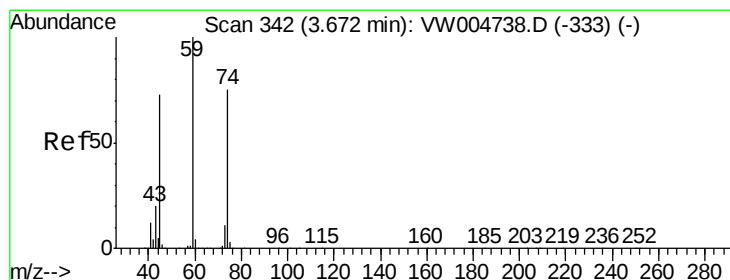
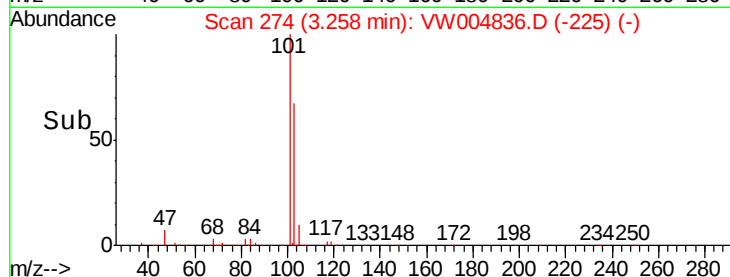
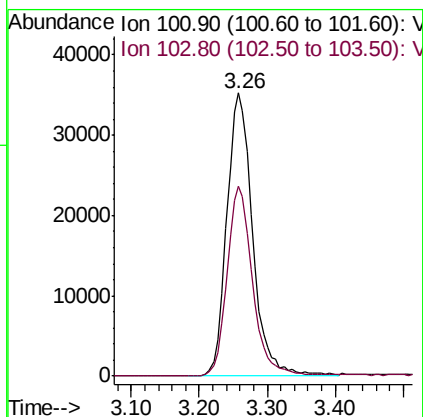
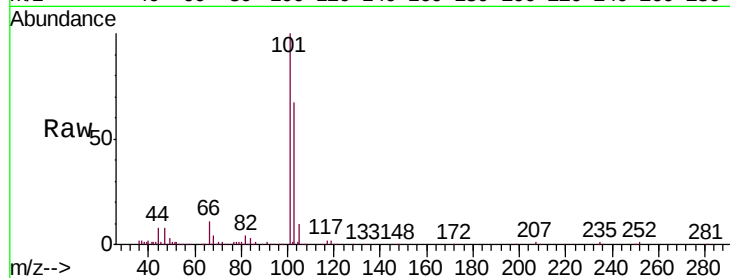
VW0821SBSD01

Tgt Ion:101 Resp: 92888

Ion Ratio Lower Upper

101 100

103 67.0 52.5 78.7



#8

Diethyl Ether

Concen: 19.562 ug/l

RT: 3.68 min Scan# 343

Delta R.T. 0.01 min

Lab File: VW004836.D

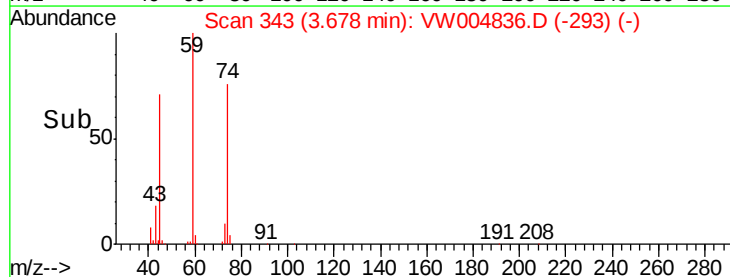
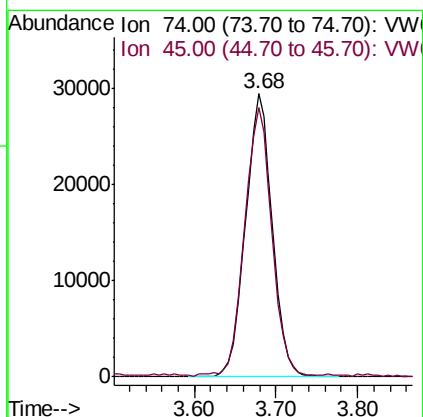
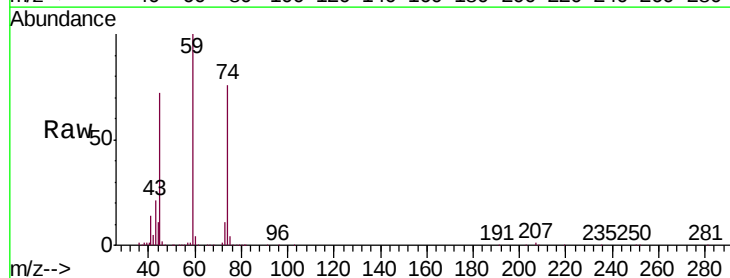
Acq: 21 Aug 2018 13:02

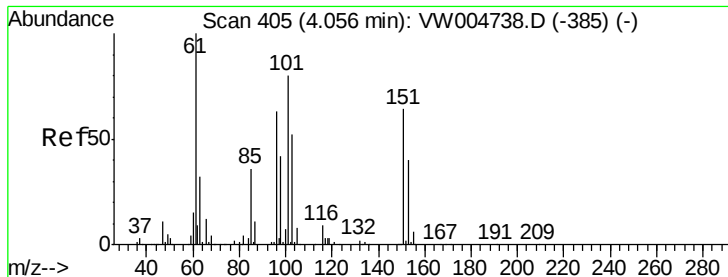
Tgt Ion: 74 Resp: 67208

Ion Ratio Lower Upper

74 100

45 96.6 49.8 149.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.689 ug/l

RT: 4.06 min Scan# 405

Delta R.T. 0.00 min

Lab File: VW004836.D

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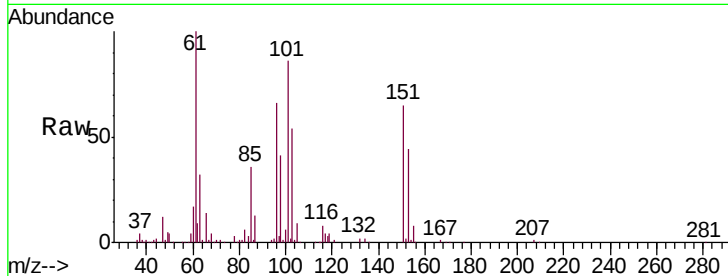
Tgt Ion:101 Resp: 141917

Ion Ratio Lower Upper

101 100

85 42.9 33.9 50.9

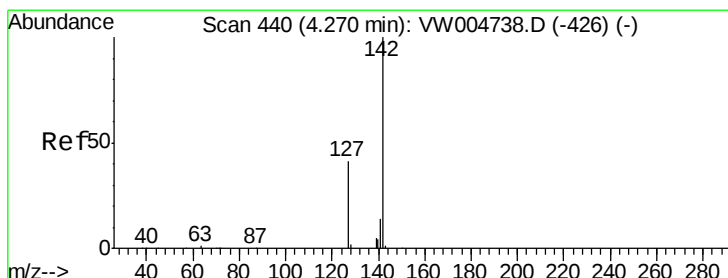
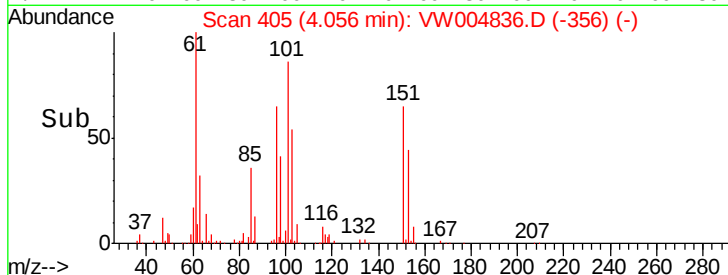
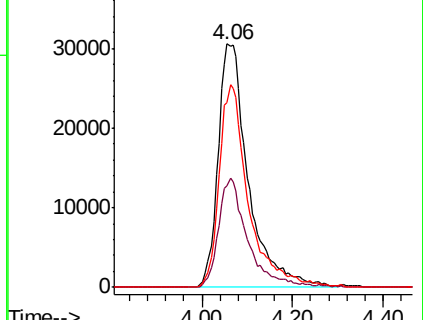
151 80.3 63.4 95.2



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: 20.535 ug/l

RT: 4.27 min Scan# 440

Delta R.T. 0.00 min

Lab File: VW004836.D

Acq: 21 Aug 2018 13:02

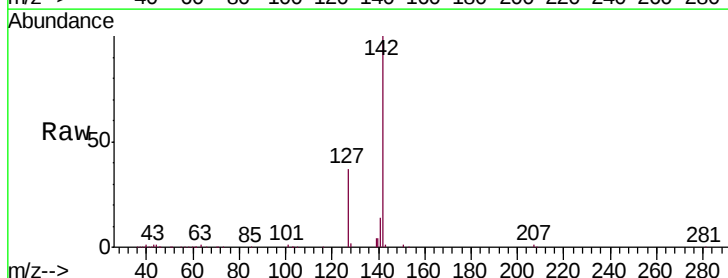
Tgt Ion:142 Resp: 204061

Ion Ratio Lower Upper

142 100

127 40.5 32.1 48.1

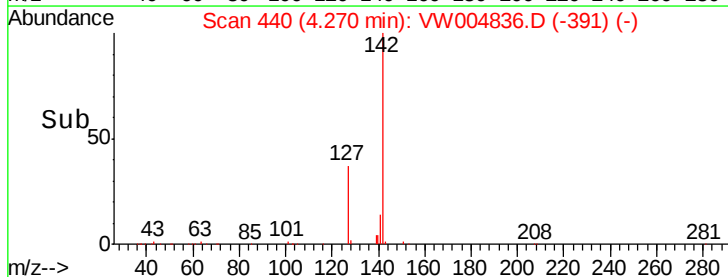
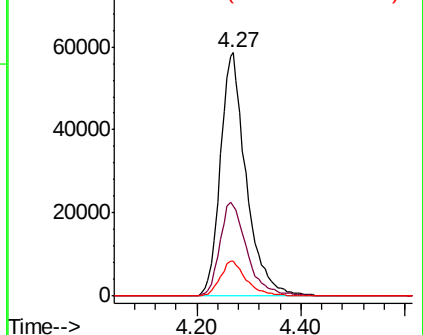
141 14.6 11.7 17.5

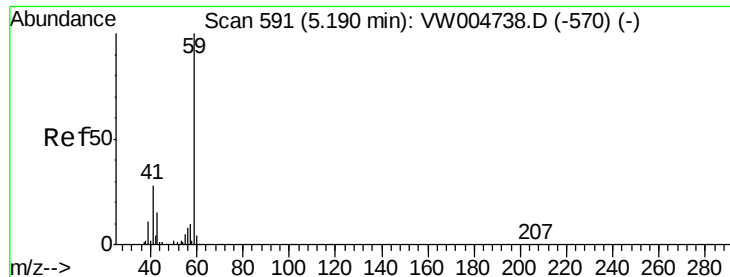


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 84.690 ug/l

RT: 5.22 min Scan# 596

Delta R.T. 0.03 min

Lab File: VW004836.D

Acq: 21 Aug 2018 13:02

Instrument :

MSVOA_W

ClientSampleId :

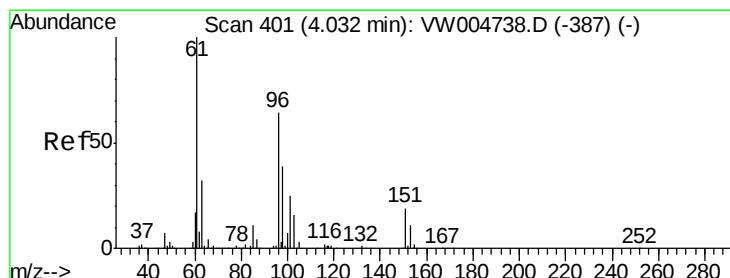
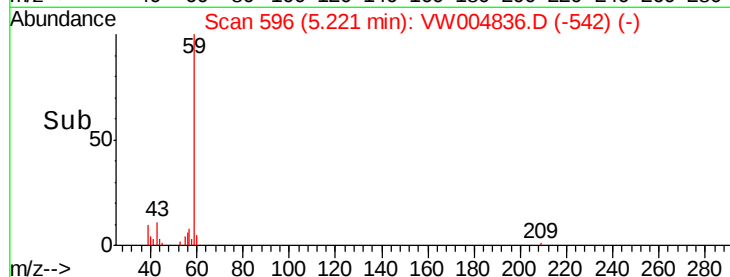
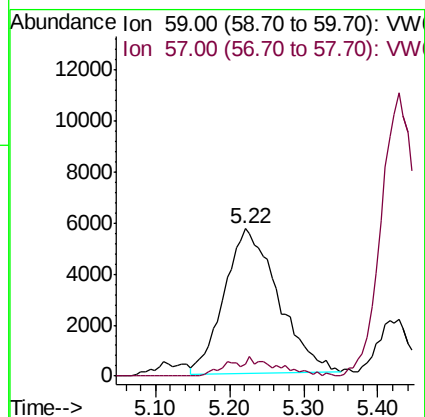
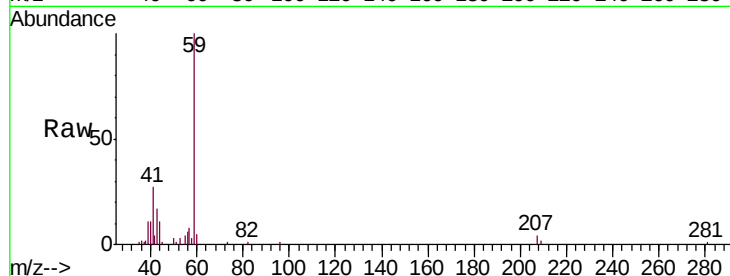
VW0821SBSD01

Tgt Ion: 59 Resp: 28943

Ion Ratio Lower Upper

59 100

57 7.9 8.4 12.6#



#12

1,1-Dichloroethene

Concen: 20.501 ug/l

RT: 4.03 min Scan# 401

Delta R.T. 0.00 min

Lab File: VW004836.D

Acq: 21 Aug 2018 13:02

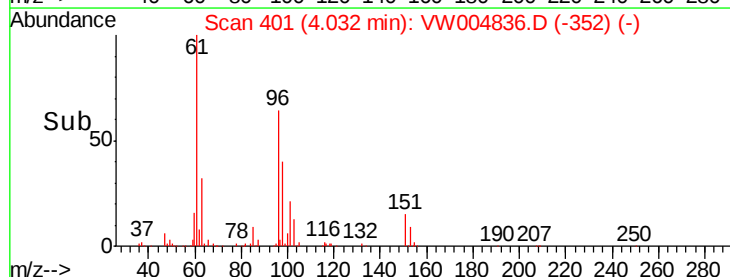
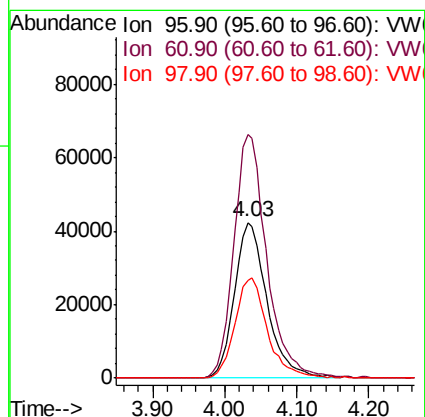
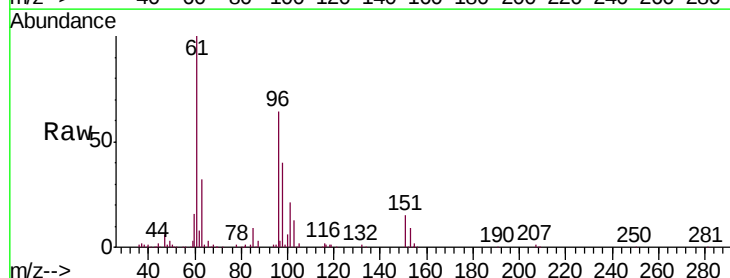
Tgt Ion: 96 Resp: 133671

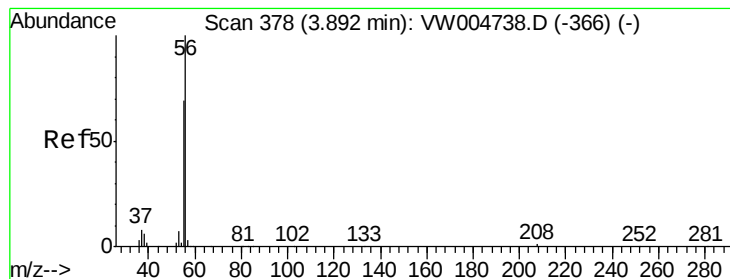
Ion Ratio Lower Upper

96 100

61 156.3 125.6 188.4

98 62.5 49.4 74.0





#13

Acrolein

Concen: 93.467 ug/l

RT: 3.90 min Scan# 379

Delta R.T. 0.01 min

Lab File: VW004836.D

Acq: 21 Aug 2018 13:02

Instrument :

MSVOA_W

ClientSampleId :

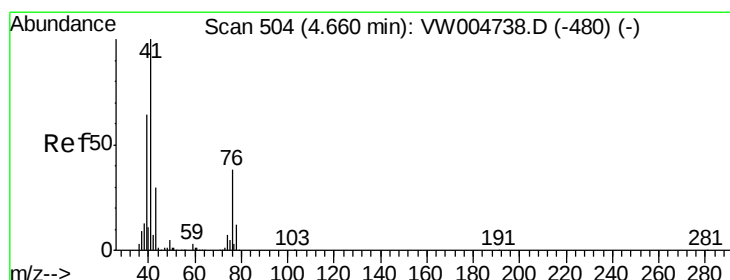
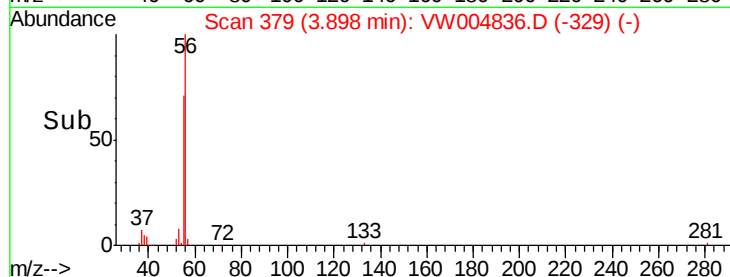
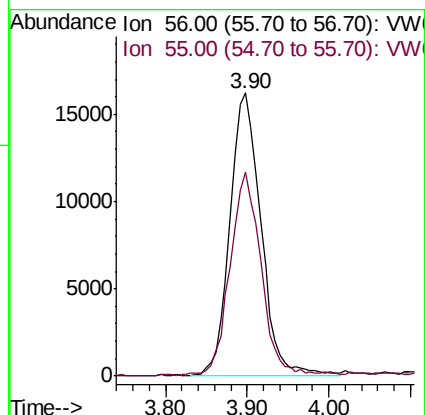
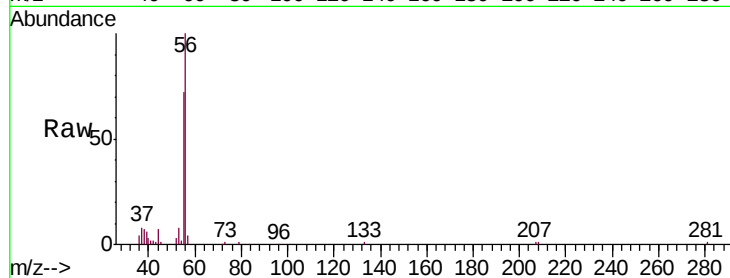
VW0821SBSD01

Tgt Ion: 56 Resp: 42865

Ion Ratio Lower Upper

56 100

55 70.4 56.1 84.1



#14

Allyl chloride

Concen: 19.886 ug/l

RT: 4.67 min Scan# 505

Delta R.T. 0.01 min

Lab File: VW004836.D

Acq: 21 Aug 2018 13:02

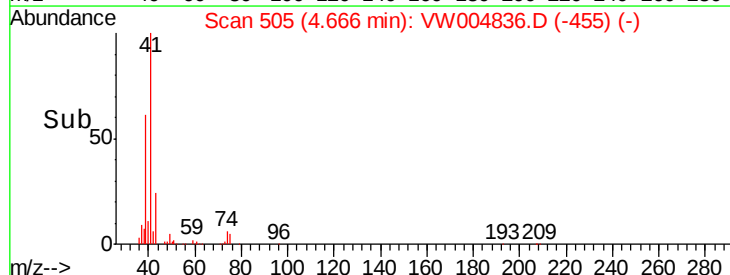
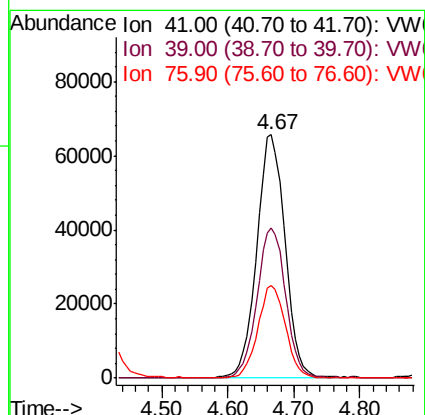
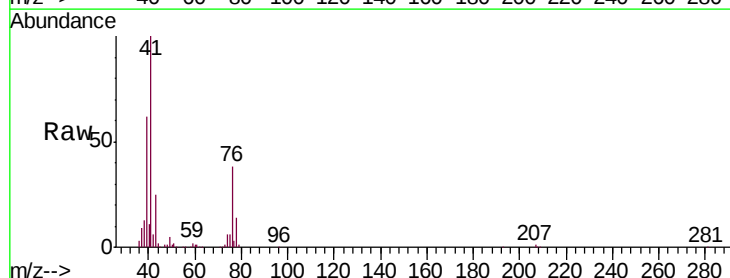
Tgt Ion: 41 Resp: 196771

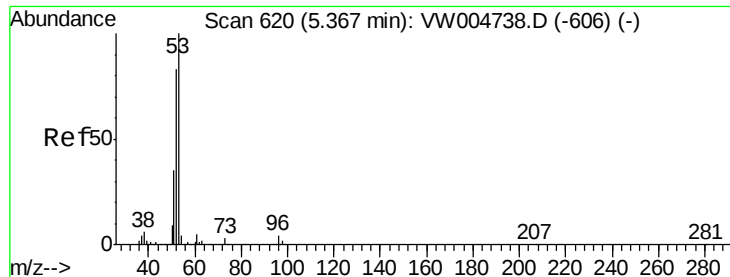
Ion Ratio Lower Upper

41 100

39 62.3 50.0 75.0

76 37.0 29.8 44.6





#15

Acrylonitrile

Concen: 90.267 ug/l

RT: 5.38 min Scan# 622

Delta R.T. 0.01 min

Lab File: VW004836.D

Acq: 21 Aug 2018 13:02

Instrument :

MSVOA_W

ClientSampleId :

VW0821SBSD01

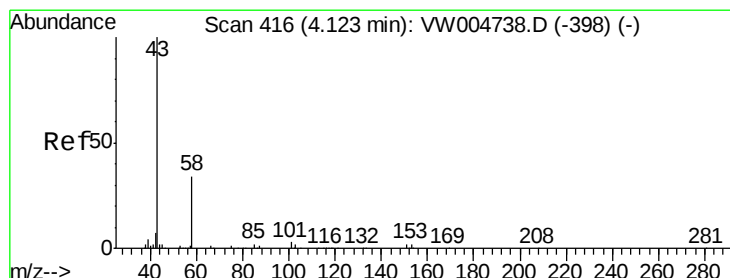
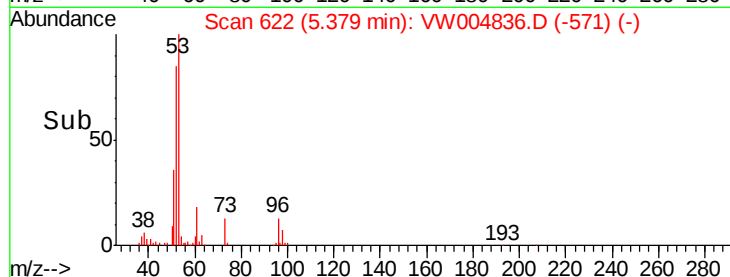
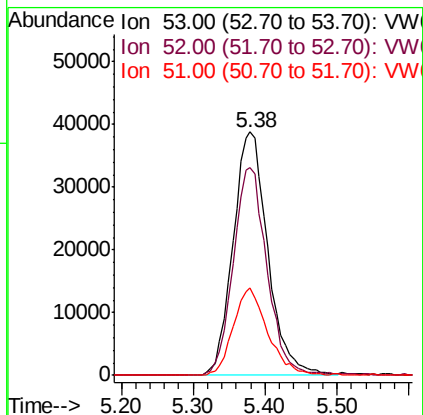
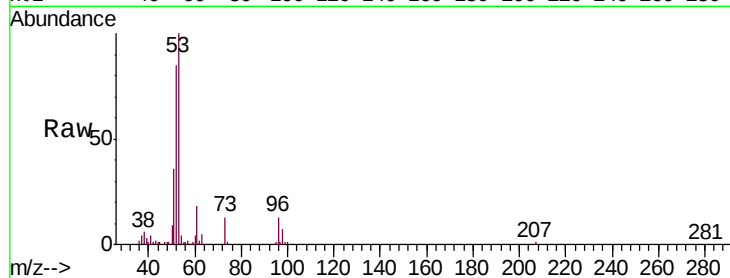
Tgt Ion: 53 Resp: 130056

Ion Ratio Lower Upper

53 100

52 83.0 65.8 98.6

51 35.6 28.7 43.1



#16

Acetone

Concen: 95.144 ug/l

RT: 4.14 min Scan# 419

Delta R.T. 0.02 min

Lab File: VW004836.D

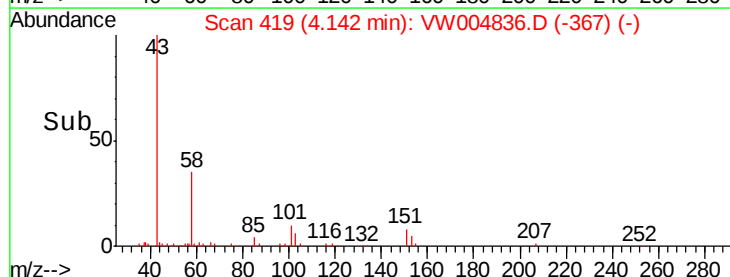
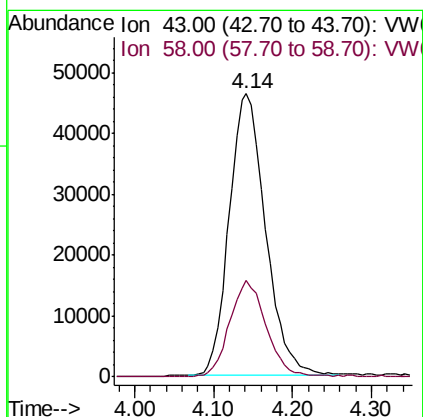
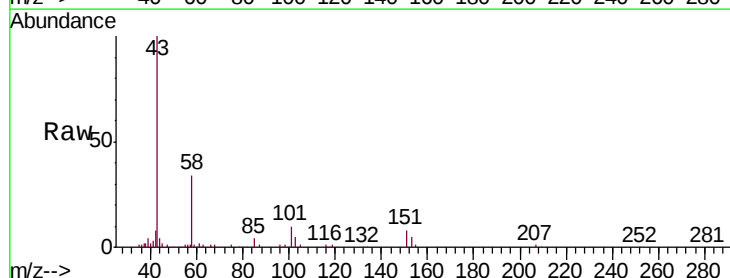
Acq: 21 Aug 2018 13:02

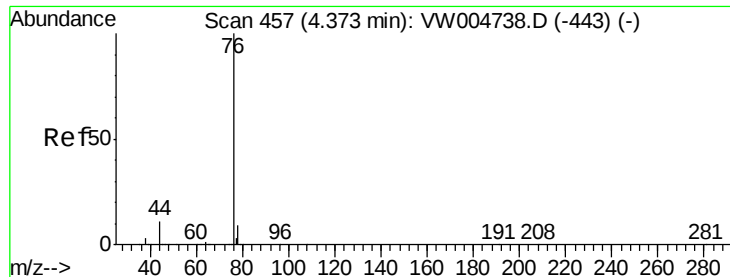
Tgt Ion: 43 Resp: 148573

Ion Ratio Lower Upper

43 100

58 33.9 27.3 40.9





#17

Carbon Disulfide

Concen: 20.707 ug/l

RT: 4.38 min Scan# 458

Delta R.T. 0.01 min

Lab File: VW004836.D

Acq: 21 Aug 2018 13:02

Instrument :

MSVOA_W

ClientSampleId :

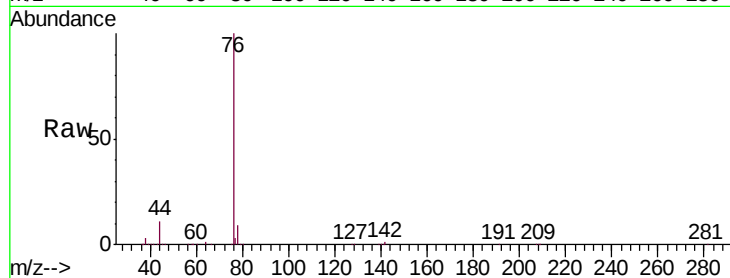
VW0821SBSD01

Tgt Ion: 76 Resp: 443700

Ion Ratio Lower Upper

76 100

78 9.0 7.4 11.2



Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW

4.38

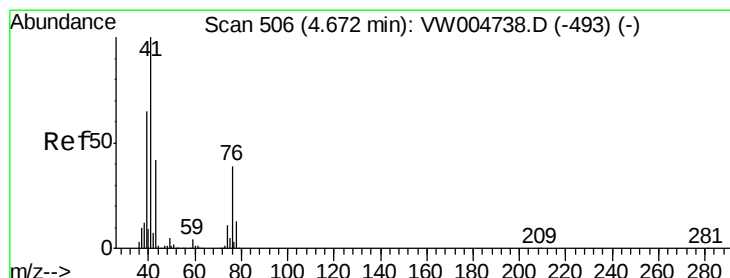
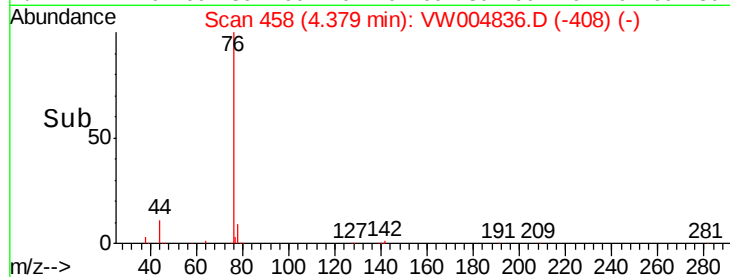
150000

100000

50000

0

Time-->



#18

Methyl Acetate

Concen: 18.160 ug/l

RT: 4.68 min Scan# 507

Delta R.T. 0.01 min

Lab File: VW004836.D

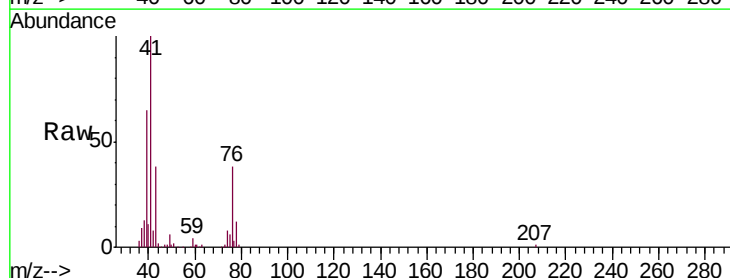
Acq: 21 Aug 2018 13:02

Tgt Ion: 43 Resp: 60771

Ion Ratio Lower Upper

43 100

74 24.3 19.8 29.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW

4.68

20000

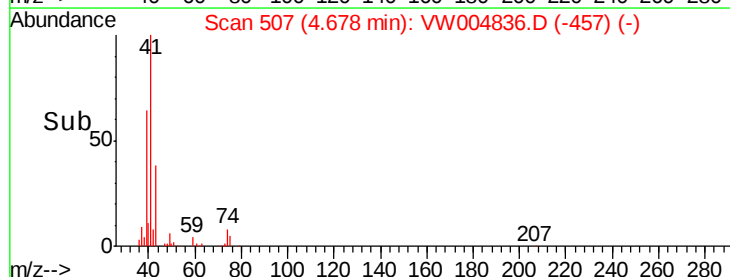
15000

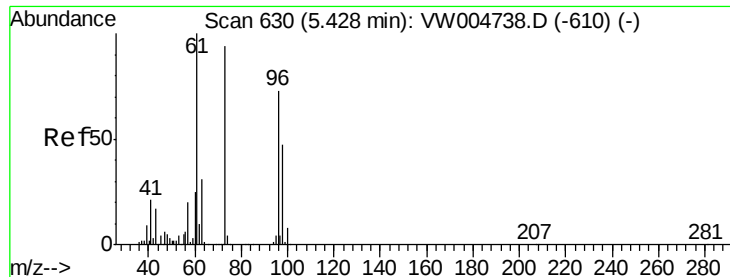
10000

5000

0

Time-->



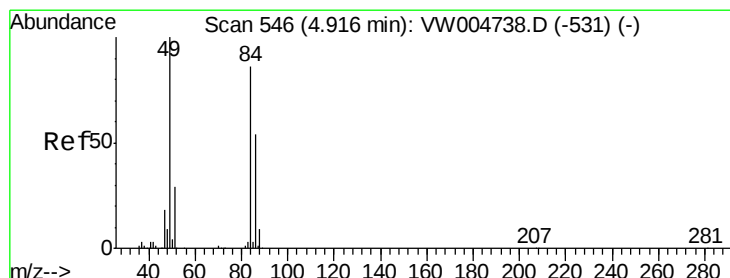
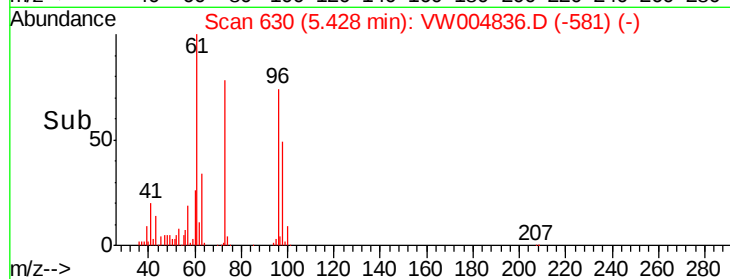
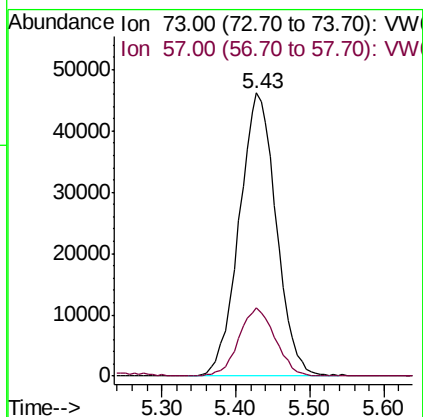
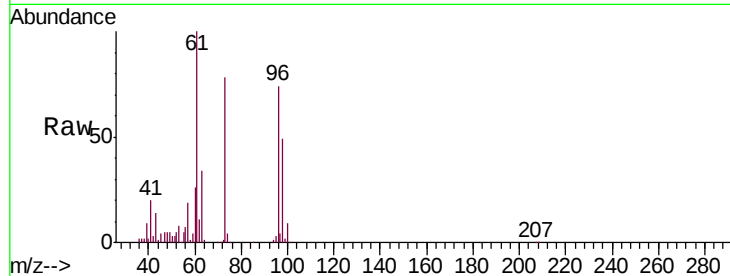


#19

Methyl tert-butyl Ether
 Concen: 18.957 ug/l
 RT: 5.43 min Scan# 630
 Delta R.T. 0.00 min
 Lab File: VW004836.D
 Acq: 21 Aug 2018 13:02

Instrument :
 MSVOA_W
 ClientSampleID :
 VW0821SBSD01

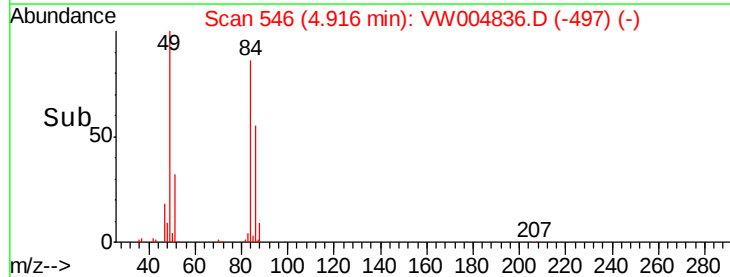
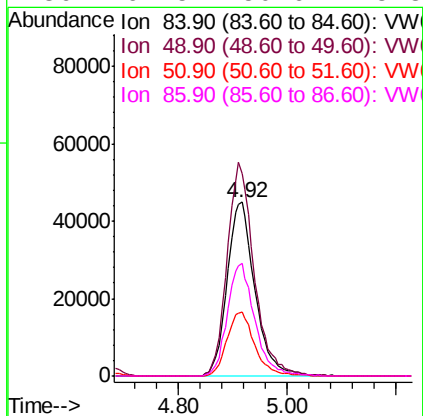
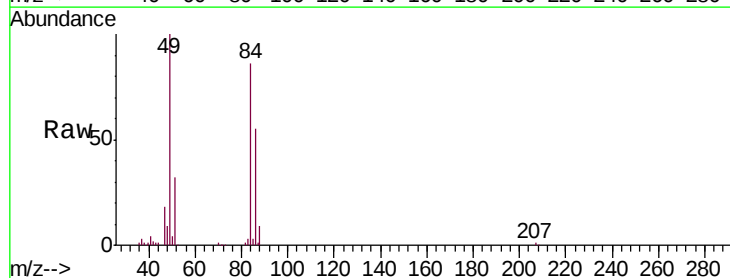
Tgt Ion: 73 Resp: 160456
 Ion Ratio Lower Upper
 73 100
 57 24.0 17.3 25.9

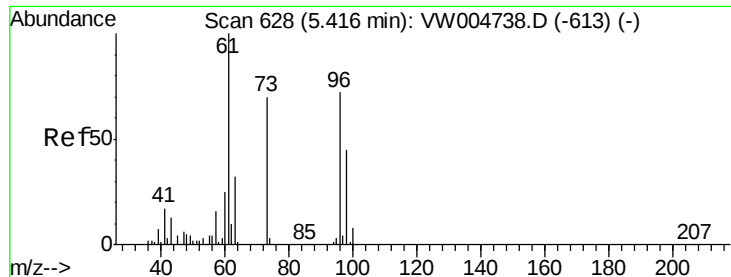


#20

Methylene Chloride
 Concen: 19.892 ug/l
 RT: 4.92 min Scan# 546
 Delta R.T. 0.00 min
 Lab File: VW004836.D
 Acq: 21 Aug 2018 13:02

Tgt Ion: 84 Resp: 160357
 Ion Ratio Lower Upper
 84 100
 49 116.7 93.2 139.8
 51 36.9 27.4 41.0
 86 64.5 50.6 75.8





#21

trans-1,2-Dichloroethene

Concen: 20.446 ug/l

RT: 5.42 min Scan# 629

Delta R.T. 0.01 min

Lab File: VW004836.D

Acq: 21 Aug 2018 13:02

Instrument :

MSVOA_W

ClientSampleId :

VW0821SBS01

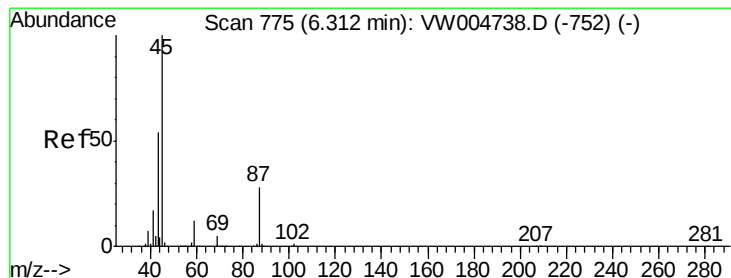
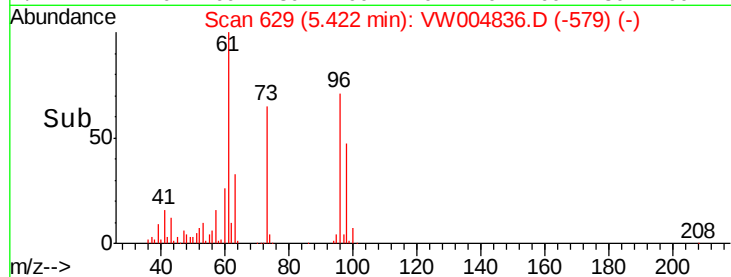
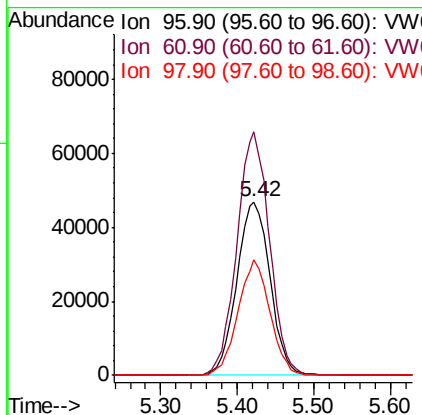
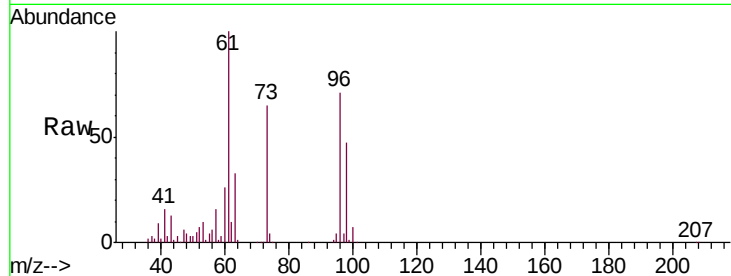
Tgt Ion: 96 Resp: 141847

Ion Ratio Lower Upper

96 100

61 140.3 111.4 167.0

98 66.6 49.7 74.5



#22

Diisopropyl ether

Concen: 20.794 ug/l

RT: 6.32 min Scan# 776

Delta R.T. 0.01 min

Lab File: VW004836.D

Acq: 21 Aug 2018 13:02

Tgt Ion: 45 Resp: 395477

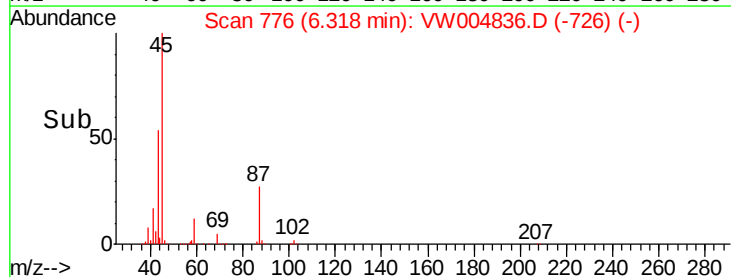
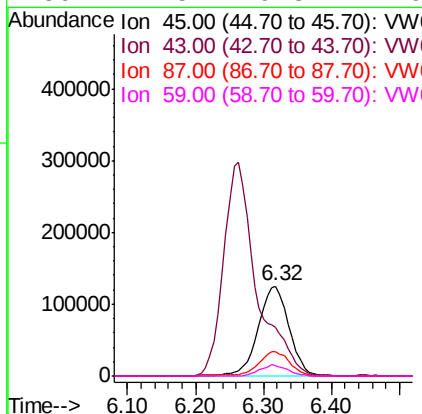
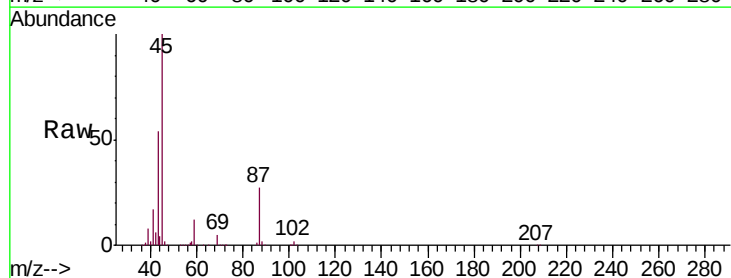
Ion Ratio Lower Upper

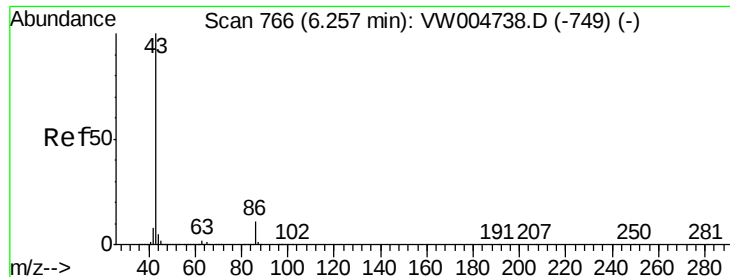
45 100

43 54.1 43.0 64.6

87 26.7 22.2 33.4

59 11.5 9.8 14.6

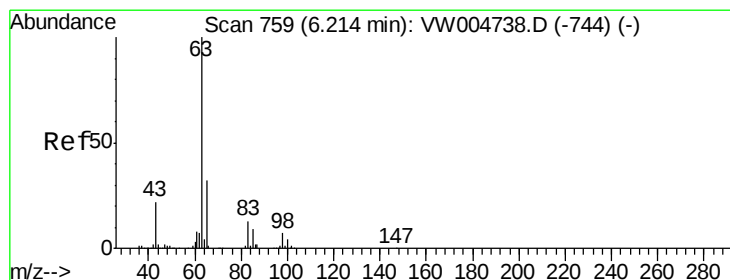
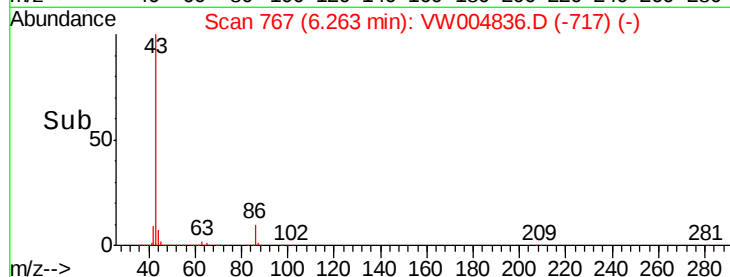
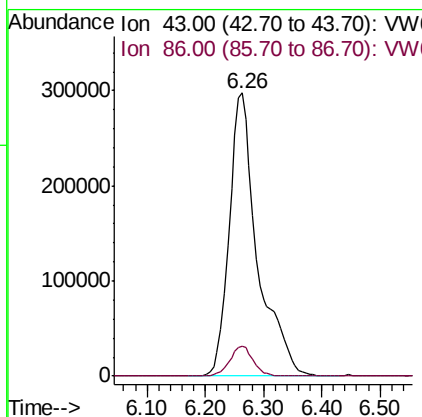
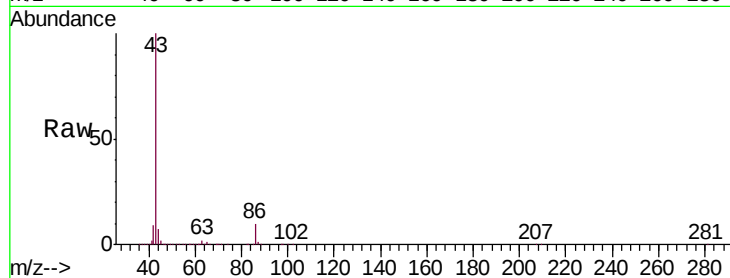




#23
 Vinyl Acetate
 Concen: 93.450 ug/l
 RT: 6.26 min Scan# 767
 Delta R.T. 0.01 min
 Lab File: VW004836.D
 Acq: 21 Aug 2018 13:02

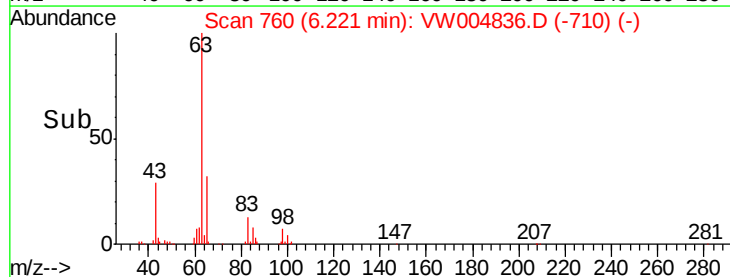
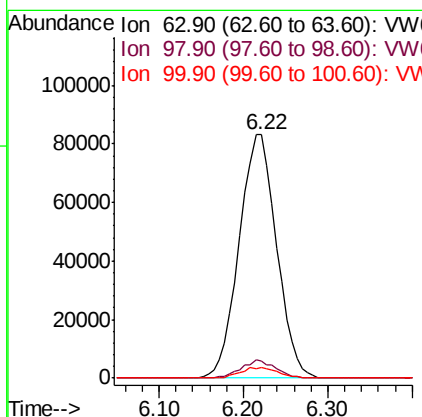
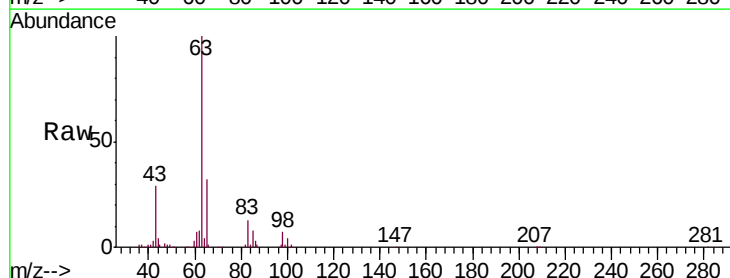
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0821SBSD01

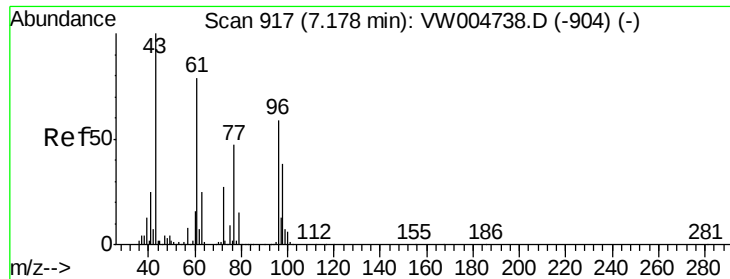
Tgt Ion: 43 Resp: 1005297
 Ion Ratio Lower Upper
 43 100
 86 10.4 8.5 12.7



#24
 1,1-Dichloroethane
 Concen: 20.268 ug/l
 RT: 6.22 min Scan# 760
 Delta R.T. 0.01 min
 Lab File: VW004836.D
 Acq: 21 Aug 2018 13:02

Tgt Ion: 63 Resp: 250491
 Ion Ratio Lower Upper
 63 100
 98 6.8 3.5 10.4
 100 4.4 2.1 6.3





#25

2-Butanone

Concen: 88.836 ug/l

RT: 7.18 min Scan# 918

Delta R.T. 0.01 min

Lab File: VW004836.D

Acq: 21 Aug 2018 13:02

Instrument :

MSVOA_W

ClientSampleId :

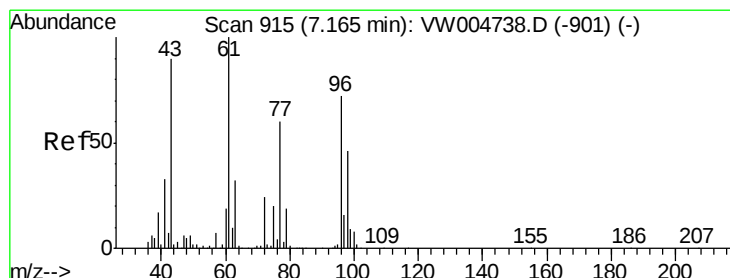
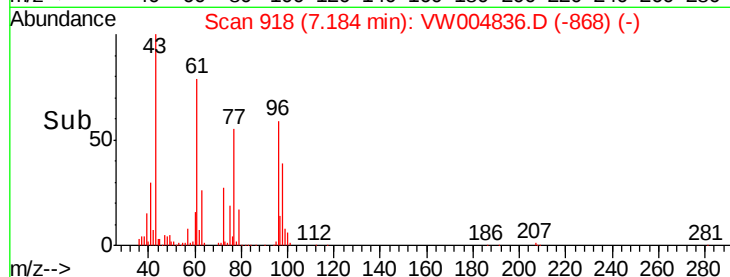
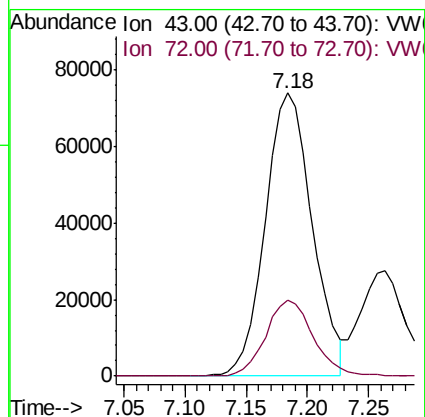
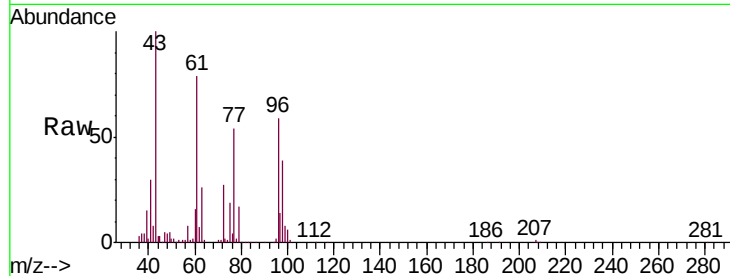
VW0821SBSD01

Tgt Ion: 43 Resp: 197652

Ion Ratio Lower Upper

43 100

72 27.1 22.0 33.0



#26

2,2-Dichloropropane

Concen: 21.277 ug/l

RT: 7.17 min Scan# 916

Delta R.T. 0.01 min

Lab File: VW004836.D

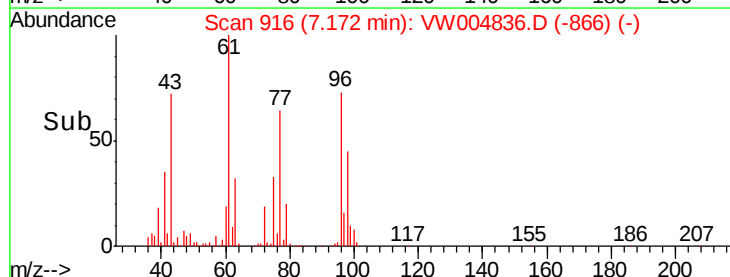
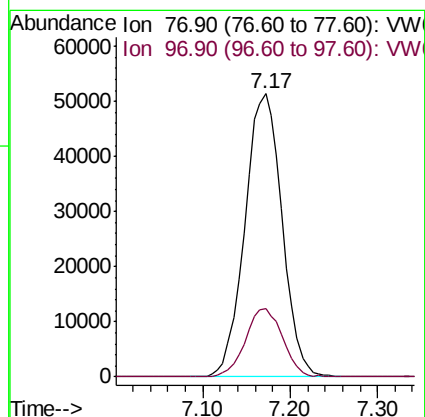
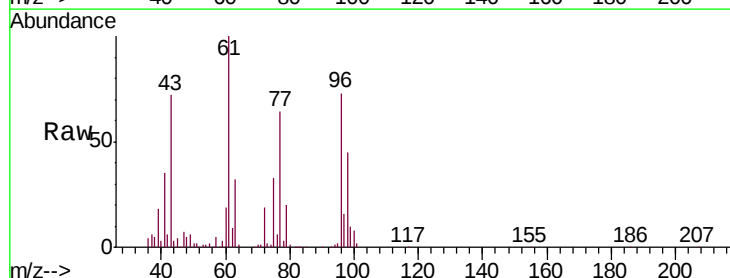
Acq: 21 Aug 2018 13:02

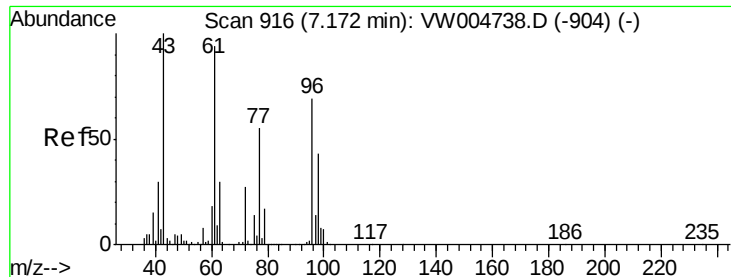
Tgt Ion: 77 Resp: 151884

Ion Ratio Lower Upper

77 100

97 24.2 12.6 37.8



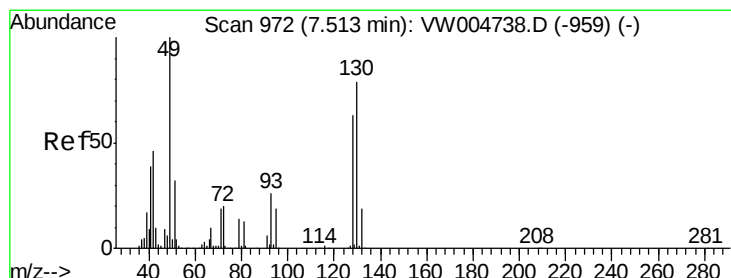
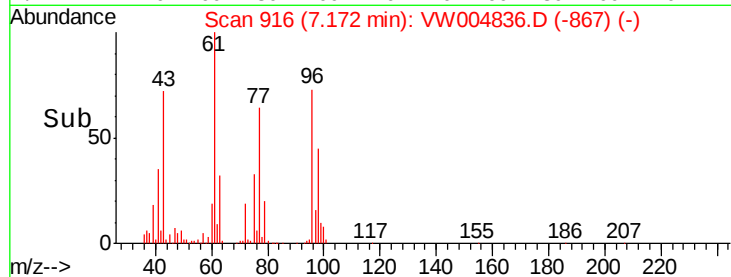
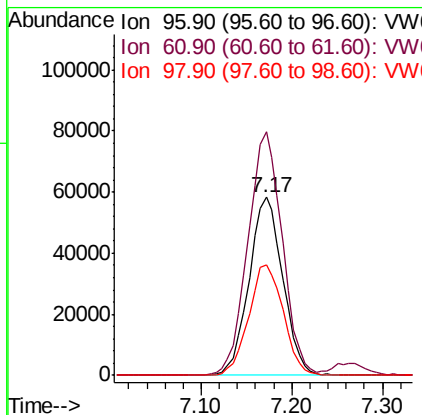
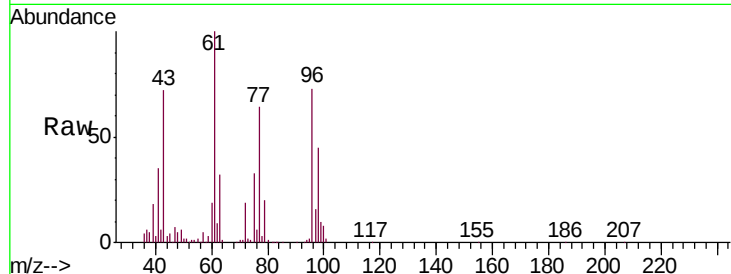


#27

cis-1,2-Dichloroethene
 Concen: 20.142 ug/l
 RT: 7.17 min Scan# 916
 Delta R.T. 0.00 min
 Lab File: VW004836.D
 Acq: 21 Aug 2018 13:02

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0821SBSD01

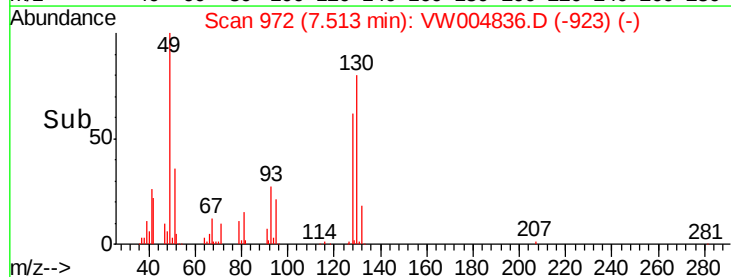
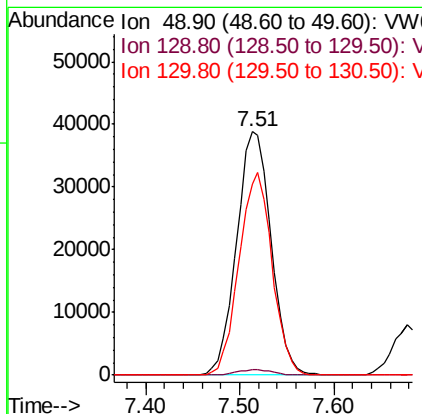
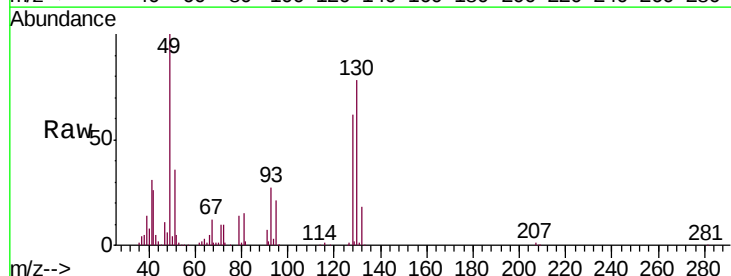
Tgt Ion	Resp	Lower	Upper
96	150433		
Ion Ratio			
96	100		
61	138.5	0.0	277.6
98	63.5	0.0	127.4

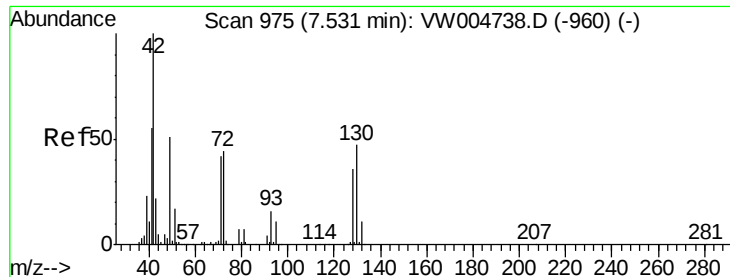


#28

Bromochloromethane
 Concen: 19.089 ug/l
 RT: 7.51 min Scan# 972
 Delta R.T. 0.00 min
 Lab File: VW004836.D
 Acq: 21 Aug 2018 13:02

Tgt Ion	Resp	Lower	Upper
49	99348		
Ion Ratio			
49	100		
129	2.2	0.0	4.4
130	80.0	63.7	95.5





#29

Tetrahydrofuran

Concen: 87.069 ug/l

RT: 7.54 min Scan# 977

Delta R.T. 0.01 min

Lab File: VW004836.D

Acq: 21 Aug 2018 13:02

Instrument :

MSVOA_W

ClientSampleId :

VW0821SBSD01

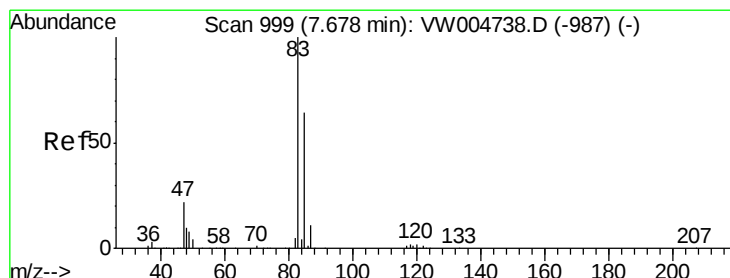
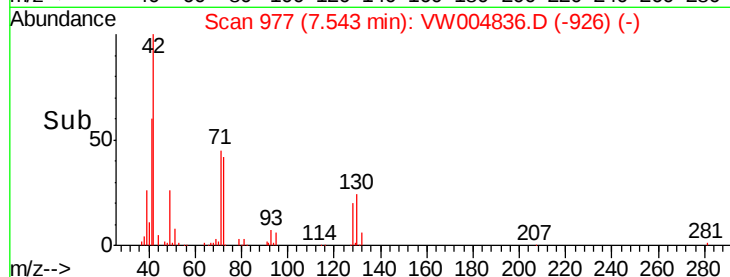
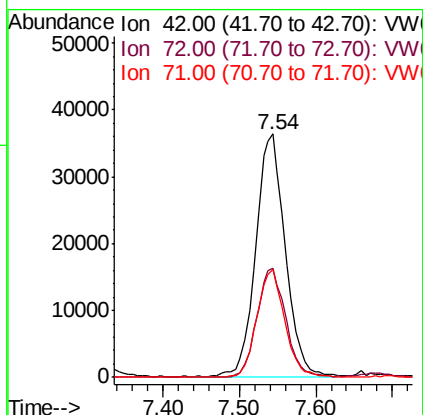
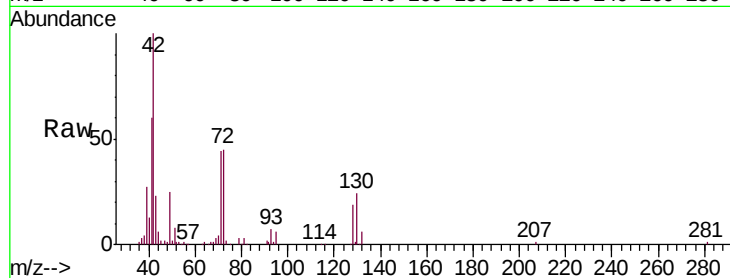
Tgt Ion: 42 Resp: 98783

Ion Ratio Lower Upper

42 100

72 43.5 34.9 52.3

71 41.7 33.8 50.6



#30

Chloroform

Concen: 20.113 ug/l

RT: 7.68 min Scan# 999

Delta R.T. 0.00 min

Lab File: VW004836.D

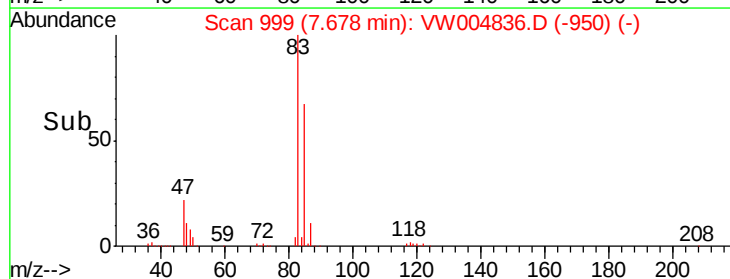
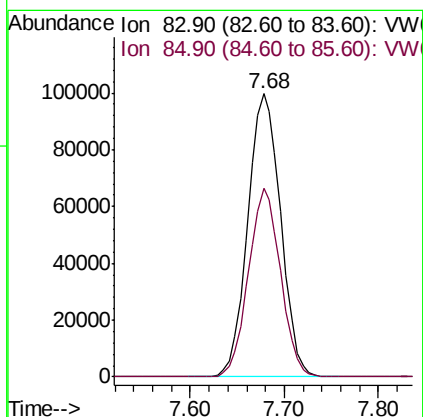
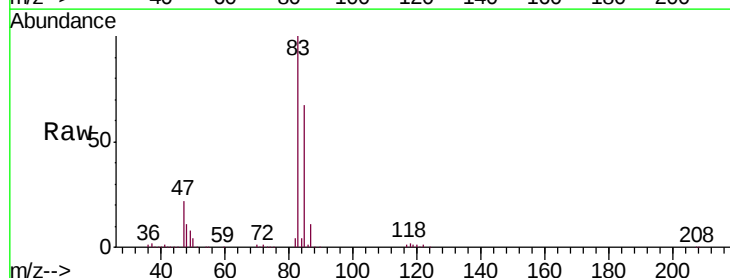
Acq: 21 Aug 2018 13:02

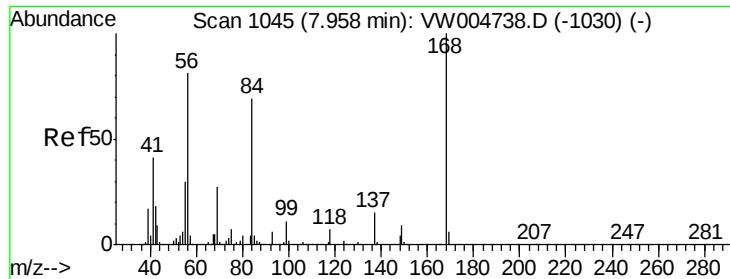
Tgt Ion: 83 Resp: 244479

Ion Ratio Lower Upper

83 100

85 66.7 51.0 76.6

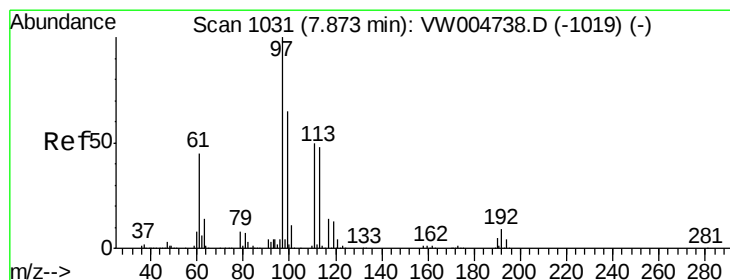
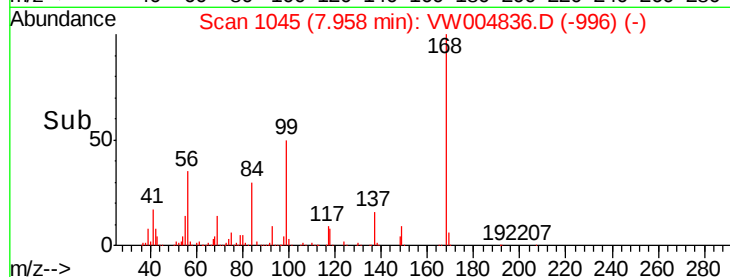
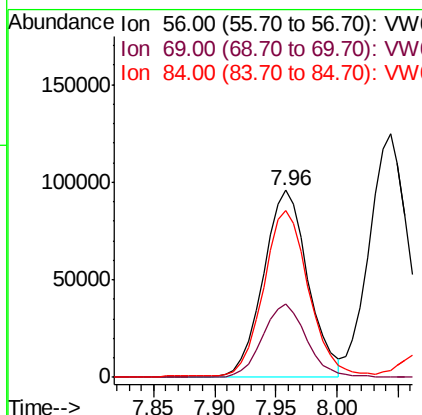
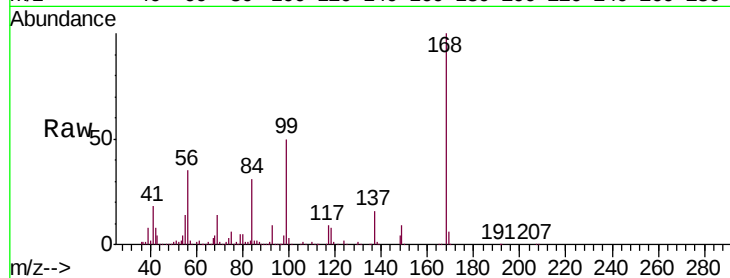




#31
Cyclohexane
Concen: 20.369 ug/l
RT: 7.96 min Scan# 1045
Delta R.T. 0.00 min
Lab File: VW004836.D
Acq: 21 Aug 2018 13:02

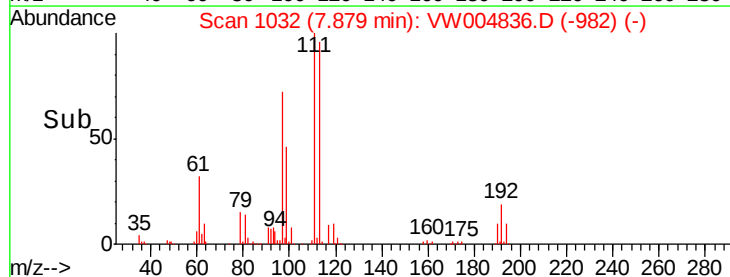
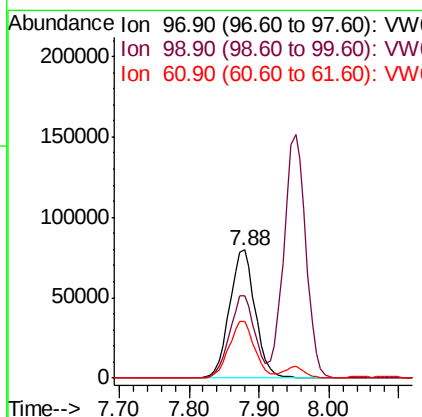
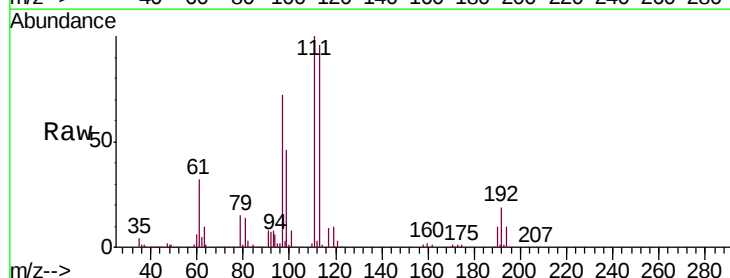
Instrument :
MSVOA_W
ClientSampleId :
VW0821SBS01

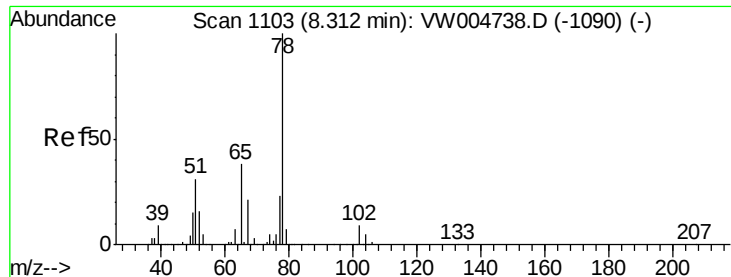
Tgt Ion: 56 Resp: 243498
Ion Ratio Lower Upper
56 100
69 38.9 27.1 40.7
84 88.2 68.3 102.5



#32
1,1,1-Trichloroethane
Concen: 20.991 ug/l
RT: 7.88 min Scan# 1032
Delta R.T. 0.01 min
Lab File: VW004836.D
Acq: 21 Aug 2018 13:02

Tgt Ion: 97 Resp: 202257
Ion Ratio Lower Upper
97 100
99 63.1 51.7 77.5
61 44.4 34.4 51.6





#33

1,2-Dichloroethane-d4

Concen: 46.999 ug/l

RT: 8.31 min Scan# 1103

Delta R.T. 0.00 min

Lab File: VW004836.D

Acq: 21 Aug 2018 13:02

Instrument :

MSVOA_W

ClientSampleId :

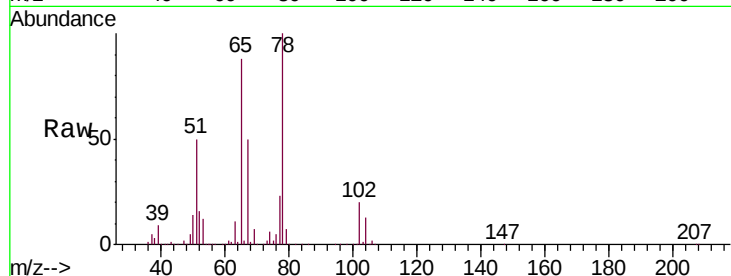
VW0821SBSD01

Tgt Ion: 65 Resp: 287503

Ion Ratio Lower Upper

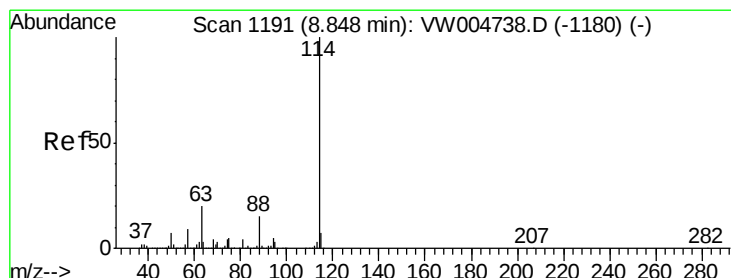
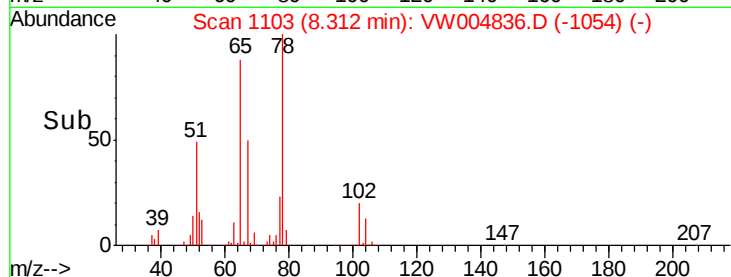
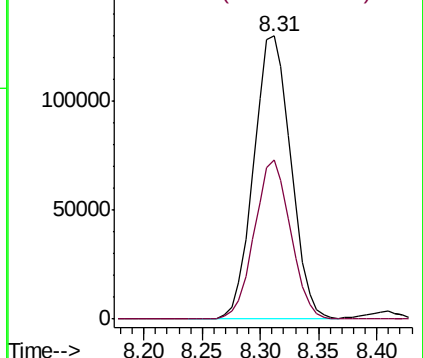
65 100

67 54.7 0.0 109.4



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.85 min Scan# 1191

Delta R.T. 0.00 min

Lab File: VW004836.D

Acq: 21 Aug 2018 13:02

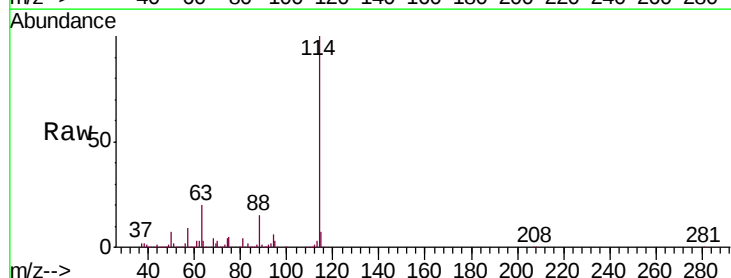
Tgt Ion: 114 Resp: 928057

Ion Ratio Lower Upper

114 100

63 20.0 0.0 39.0

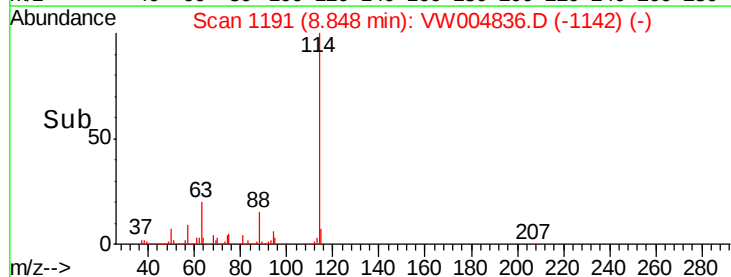
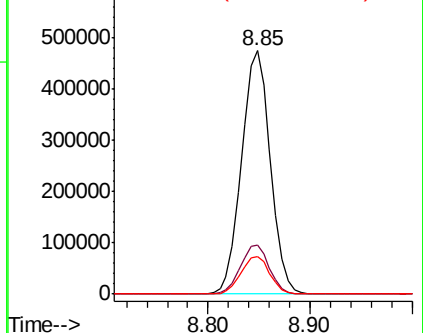
88 15.2 0.0 30.0

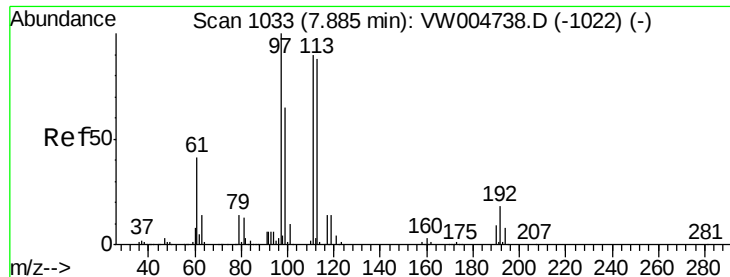


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW

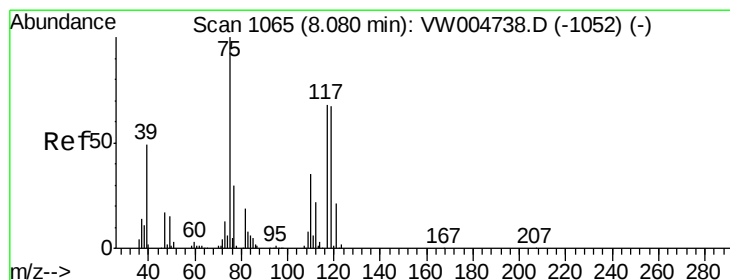
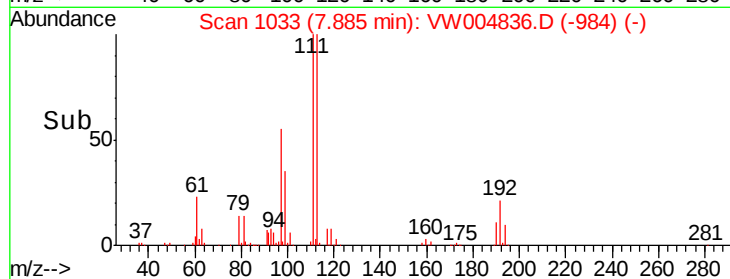
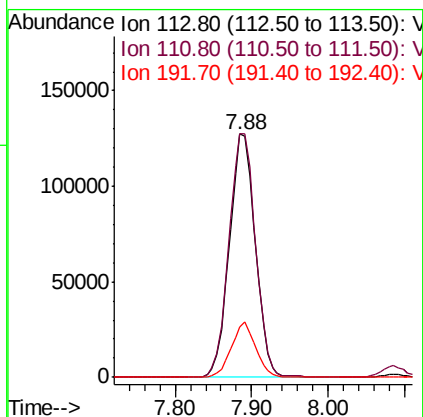
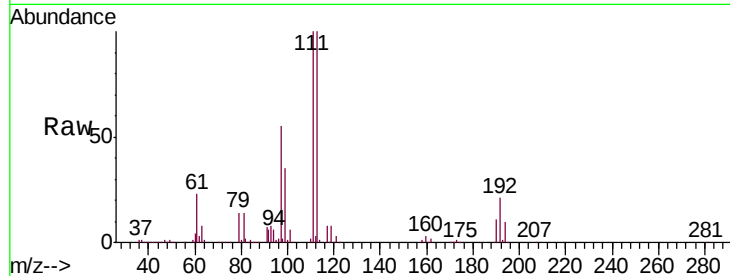




#35
 Dibromofluoromethane
 Concen: 50.239 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. 0.00 min
 Lab File: VW004836.D
 Acq: 21 Aug 2018 13:02

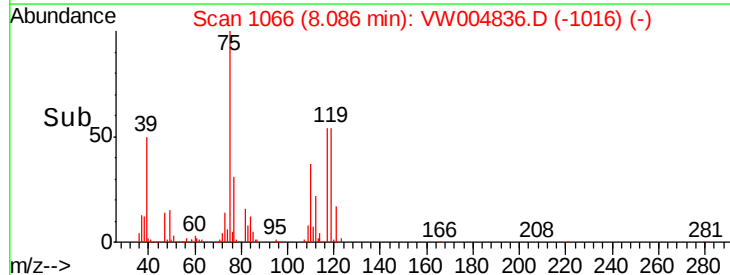
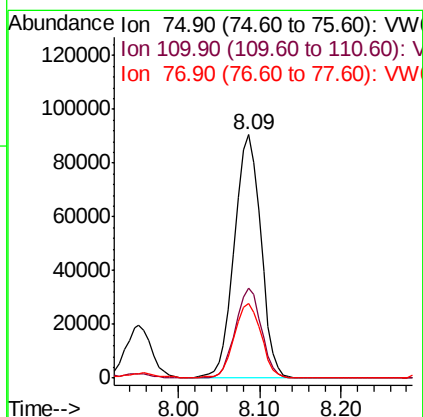
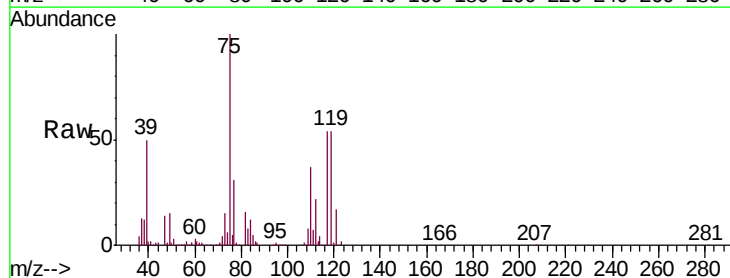
Instrument :
 MSVOA_W
 ClientSampled :
 VW0821SBSD01

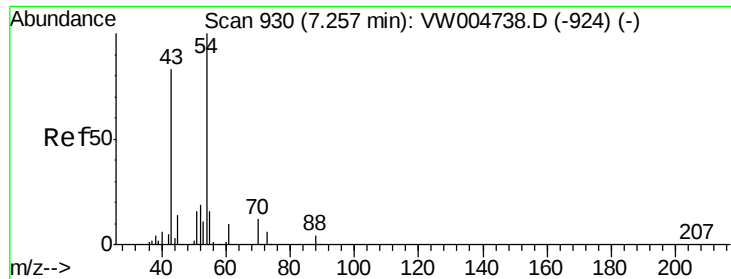
Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.0	82.4	123.6
192	21.3	16.7	25.1



#36
 1,1-Dichloropropene
 Concen: 21.196 ug/l
 RT: 8.09 min Scan# 1066
 Delta R.T. 0.01 min
 Lab File: VW004836.D
 Acq: 21 Aug 2018 13:02

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.0	17.8	53.5
77	31.4	24.9	37.3

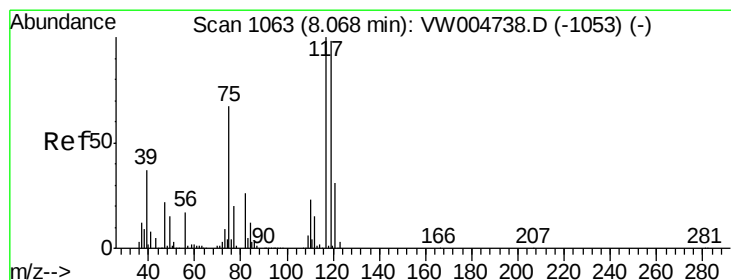
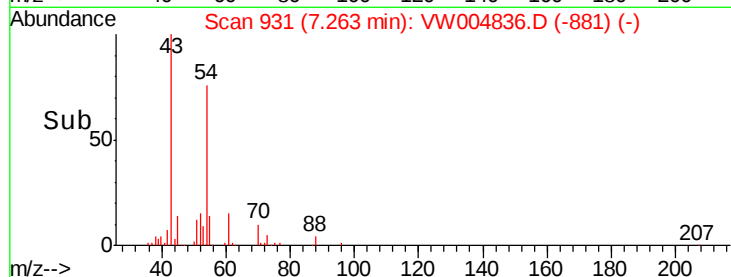
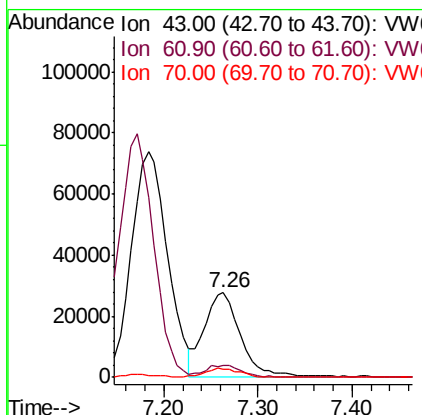
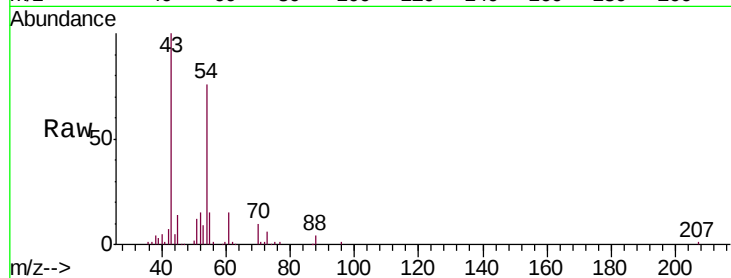




#37
 Ethyl Acetate
 Concen: 19.075 ug/l
 RT: 7.26 min Scan# 931
 Delta R.T. 0.01 min
 Lab File: VW004836.D
 Acq: 21 Aug 2018 13:02

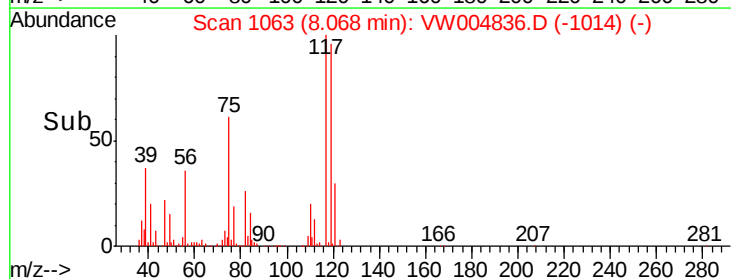
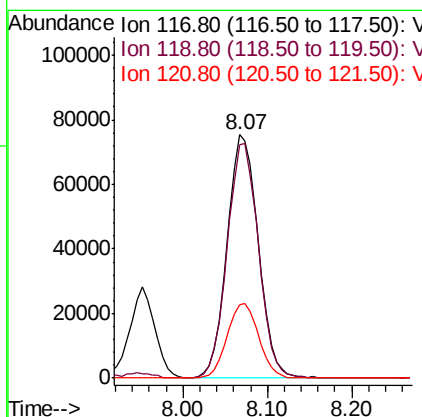
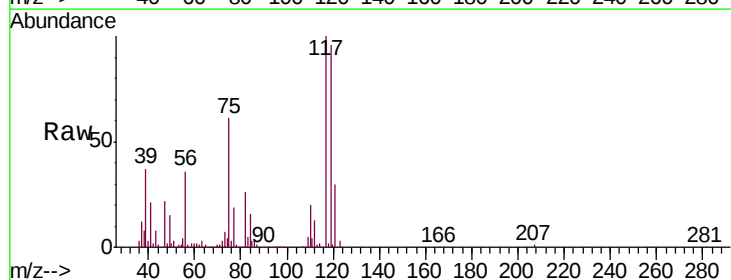
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0821SBSD01

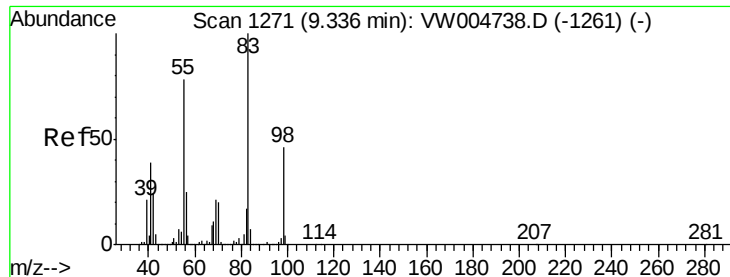
Tgt Ion: 43 Resp: 72698
 Ion Ratio Lower Upper
 43 100
 61 14.2 11.6 17.4
 70 10.6 9.2 13.8



#38
 Carbon Tetrachloride
 Concen: 21.519 ug/l
 RT: 8.07 min Scan# 1063
 Delta R.T. 0.00 min
 Lab File: VW004836.D
 Acq: 21 Aug 2018 13:02

Tgt Ion: 117 Resp: 189380
 Ion Ratio Lower Upper
 117 100
 119 96.1 78.0 117.0
 121 29.9 24.8 37.2

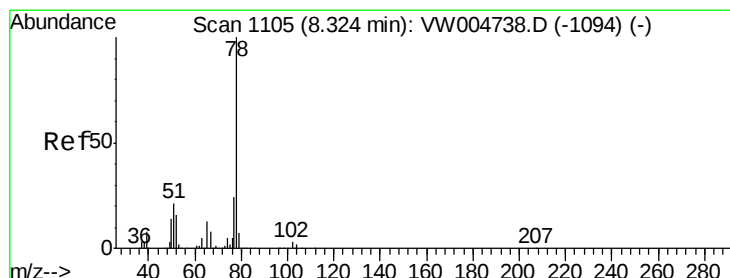
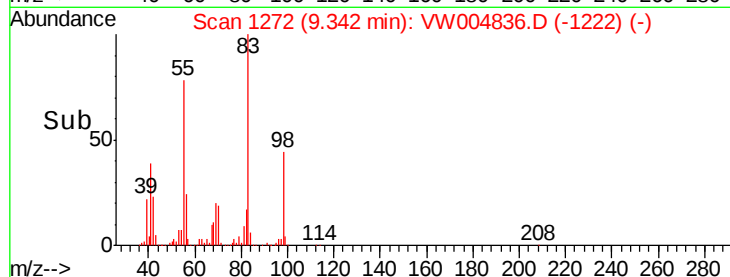
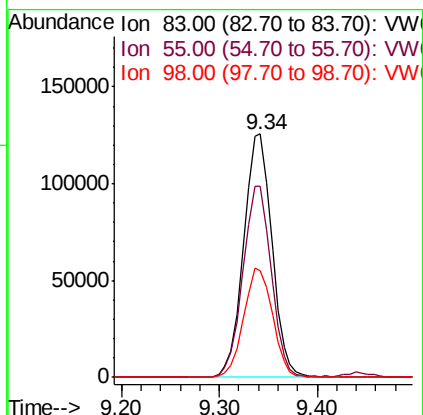
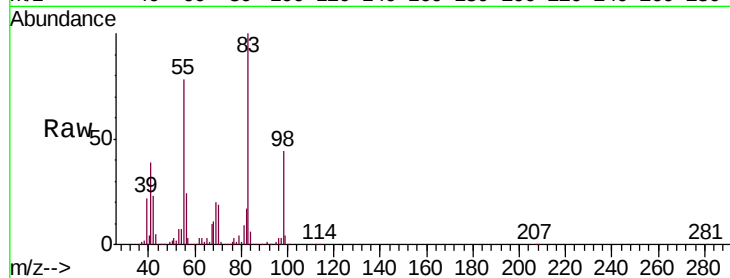




#39
Methylcyclohexane
Concen: 21.199 ug/l
RT: 9.34 min Scan# 1272
Delta R.T. 0.01 min
Lab File: VW004836.D
Acq: 21 Aug 2018 13:02

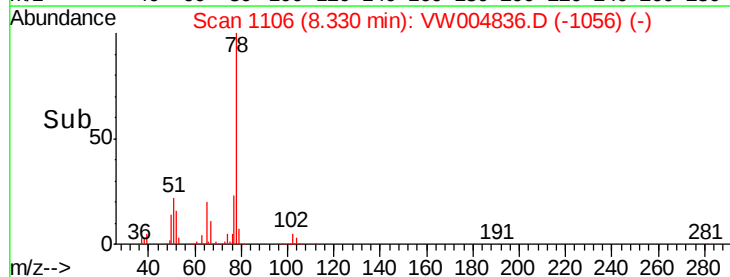
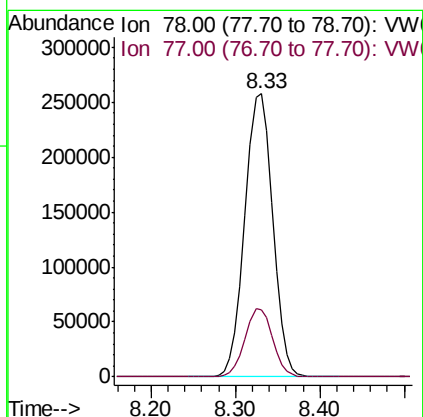
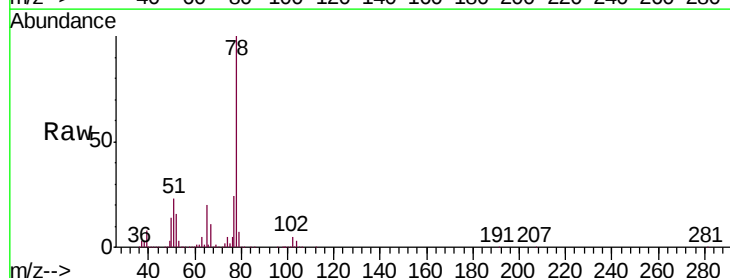
Instrument :
MSVOA_W
ClientSampleId :
VW0821SBSD01

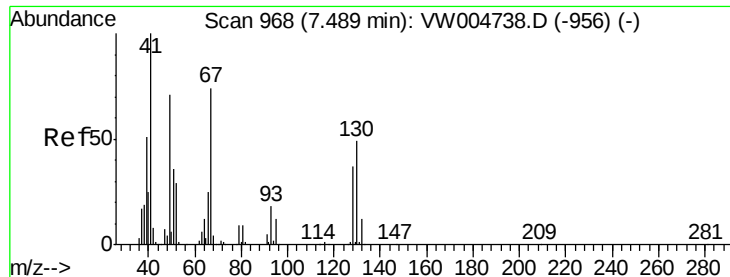
Tgt Ion: 83 Resp: 253459
Ion Ratio Lower Upper
83 100
55 78.3 62.4 93.6
98 43.8 36.5 54.7



#40
Benzene
Concen: 20.805 ug/l
RT: 8.33 min Scan# 1106
Delta R.T. 0.01 min
Lab File: VW004836.D
Acq: 21 Aug 2018 13:02

Tgt Ion: 78 Resp: 578078
Ion Ratio Lower Upper
78 100
77 23.6 19.0 28.6

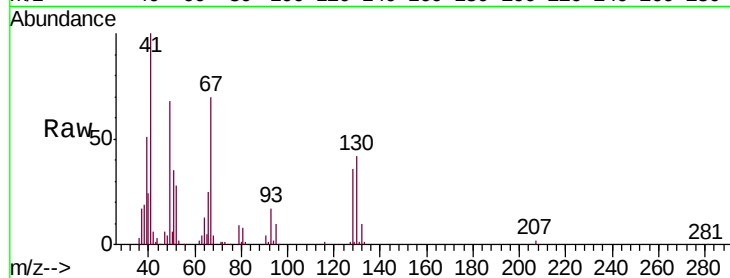




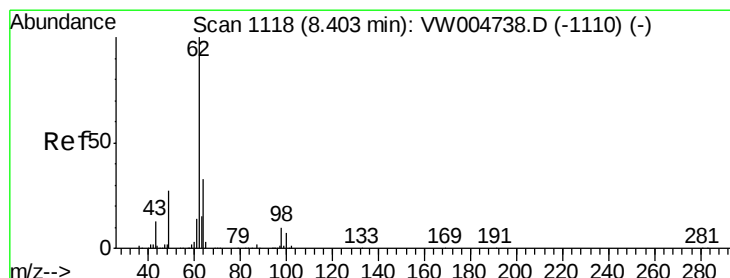
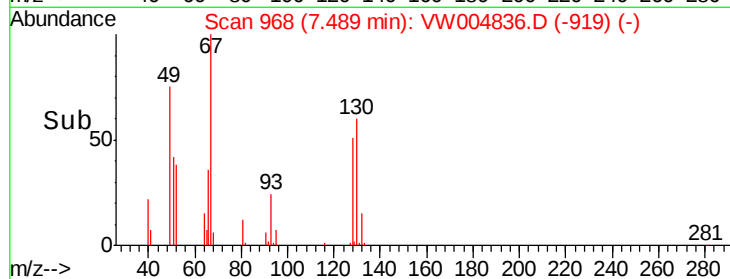
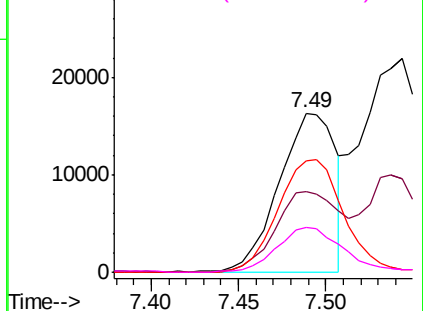
#41
Methacrylonitrile
Concen: 16.849 ug/l
RT: 7.49 min Scan# 968
Delta R.T. 0.00 min
Lab File: VW004836.D
Acq: 21 Aug 2018 13:02

Instrument :
MSVOA_W
ClientSampleId :
VW0821SBSD01

Tgt Ion:	41	Resp:	36442
Ion	Ratio	Lower	Upper
41	100		
39	59.5	41.0	61.4
67	83.9	59.5	89.3
52	34.7	23.6	35.4

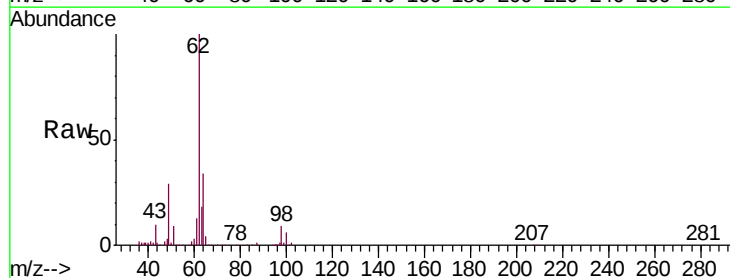


Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 39.00 (38.70 to 39.70): VW
Ion 67.00 (66.70 to 67.70): VW
Ion 52.00 (51.70 to 52.70): VW

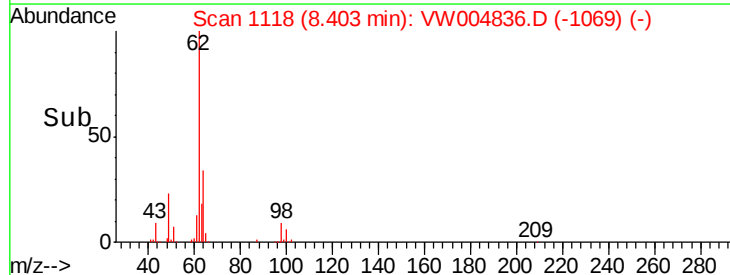
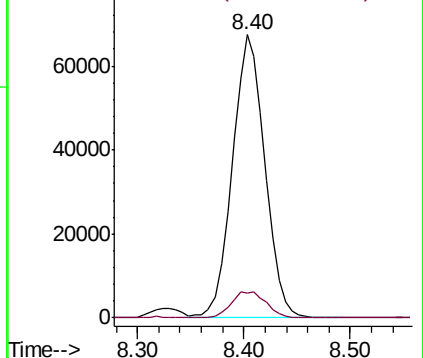


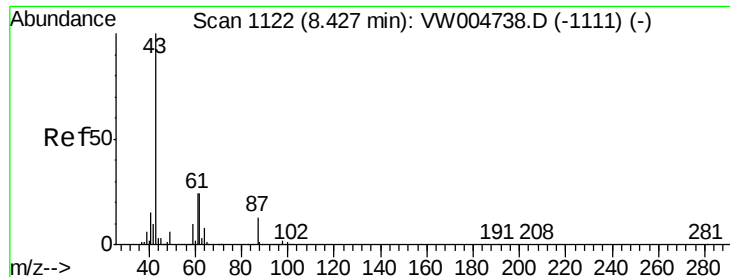
#42
1,2-Dichloroethane
Concen: 20.173 ug/l
RT: 8.40 min Scan# 1118
Delta R.T. 0.00 min
Lab File: VW004836.D
Acq: 21 Aug 2018 13:02

Tgt Ion:	62	Resp:	143731
Ion	Ratio	Lower	Upper
62	100		
98	10.0	0.0	20.2



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





#43

Isopropyl Acetate

Concen: 18.200 ug/l

RT: 8.43 min Scan# 1123

Delta R.T. 0.01 min

Lab File: VW004836.D

Acq: 21 Aug 2018 13:02

Instrument :

MSVOA_W

ClientSampleId :

VW0821SBSD01

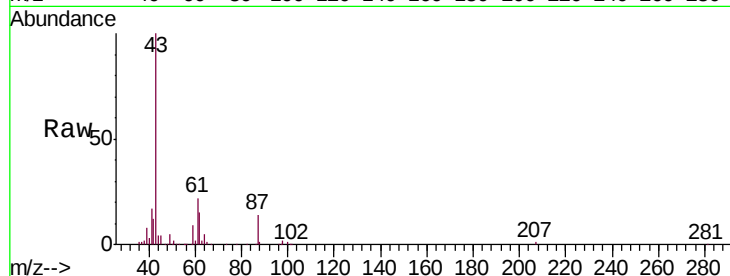
Tgt Ion: 43 Resp: 124589

Ion Ratio Lower Upper

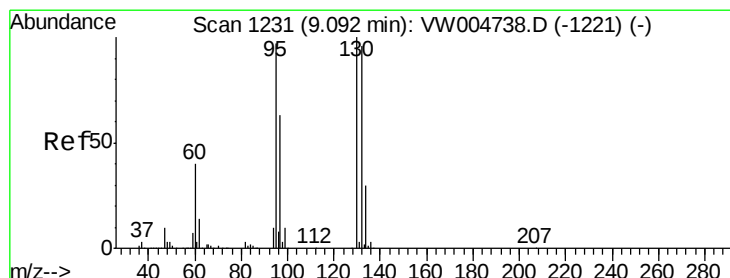
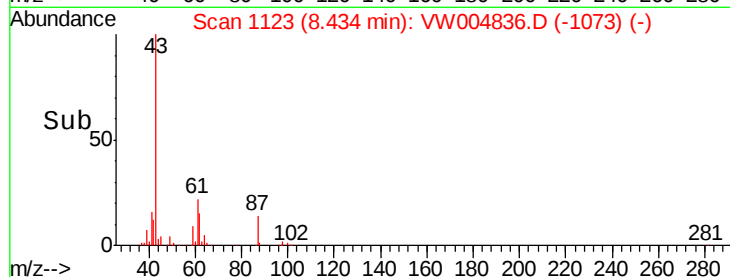
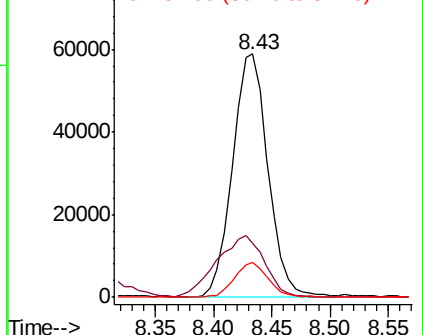
43 100

61 34.0 26.2 39.4

87 13.8 10.9 16.3



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: 20.868 ug/l

RT: 9.10 min Scan# 1232

Delta R.T. 0.01 min

Lab File: VW004836.D

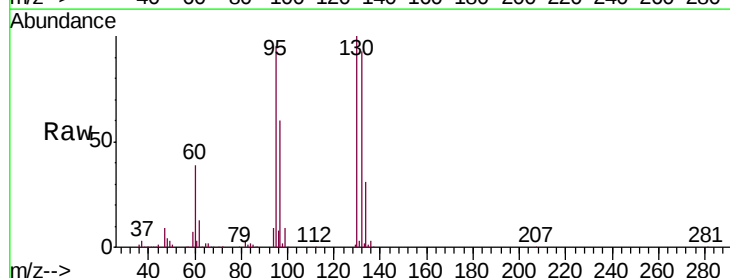
Acq: 21 Aug 2018 13:02

Tgt Ion: 130 Resp: 147184

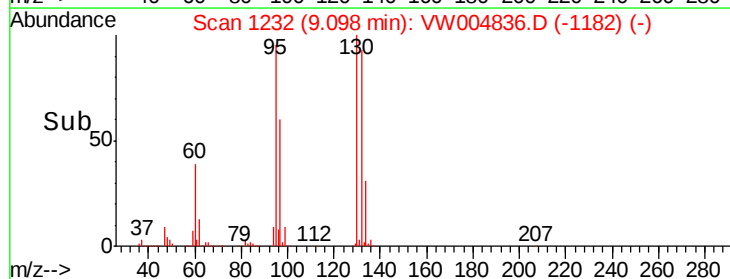
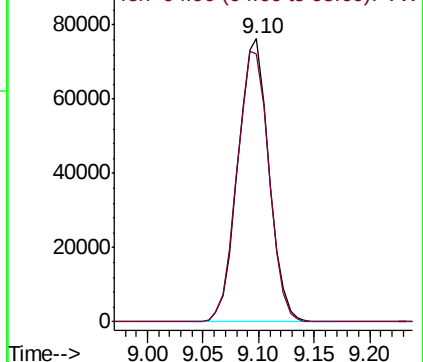
Ion Ratio Lower Upper

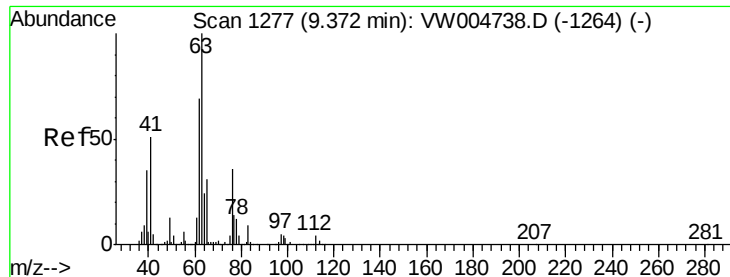
130 100

95 94.5 0.0 194.4



Abundance Ion 129.80 (129.50 to 130.50): V
Ion 94.90 (94.60 to 95.60): VW





#45

1,2-Dichloropropane

Concen: 20.251 ug/l

RT: 9.37 min Scan# 1277

Delta R.T. 0.00 min

Lab File: VW004836.D

Acq: 21 Aug 2018 13:02

Instrument :

MSVOA_W

ClientSampleId :

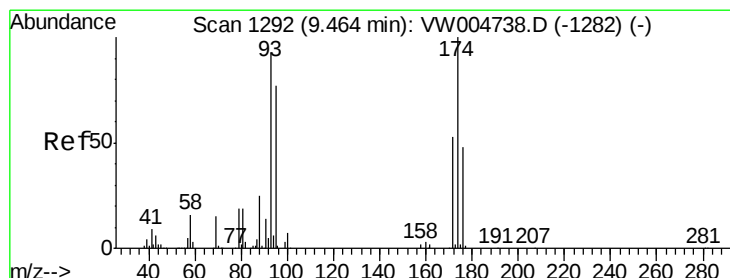
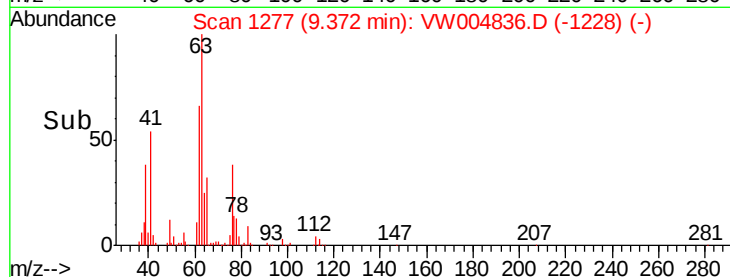
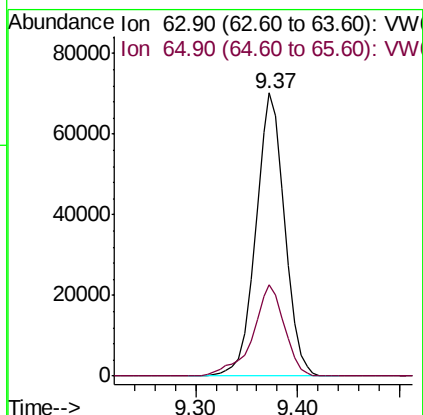
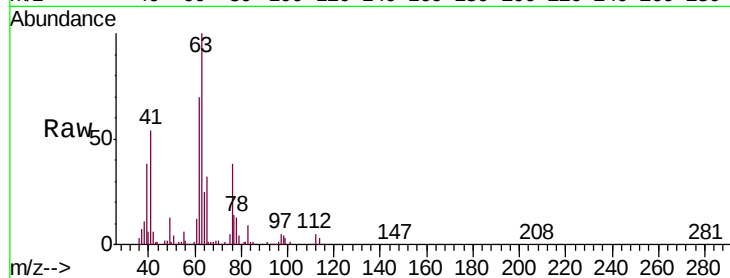
VW0821SBSD01

Tgt Ion: 63 Resp: 137636

Ion Ratio Lower Upper

63 100

65 32.1 24.6 37.0



#46

Dibromomethane

Concen: 19.664 ug/l

RT: 9.46 min Scan# 1292

Delta R.T. 0.00 min

Lab File: VW004836.D

Acq: 21 Aug 2018 13:02

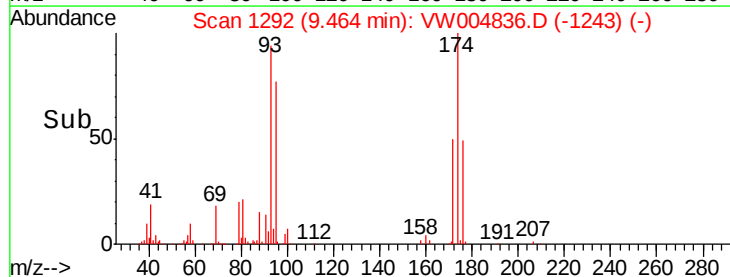
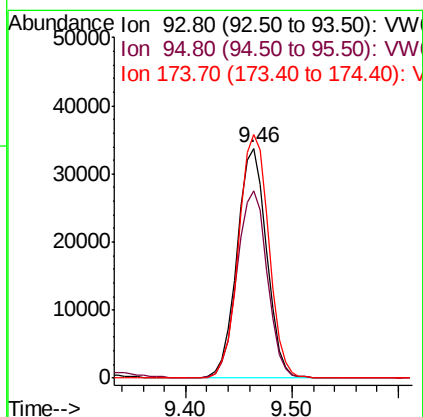
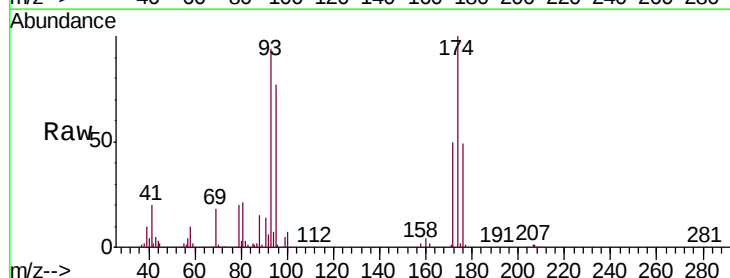
Tgt Ion: 93 Resp: 66210

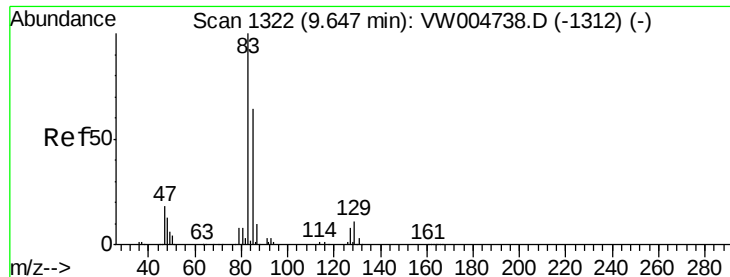
Ion Ratio Lower Upper

93 100

95 83.4 66.6 99.8

174 107.5 85.3 127.9





#47

Bromodichloromethane

Concen: 20.063 ug/l

RT: 9.65 min Scan# 1322

Delta R.T. 0.00 min

Lab File: VW004836.D

Acq: 21 Aug 2018 13:02

Instrument :

MSVOA_W

ClientSampleId :

VW0821SBSD01

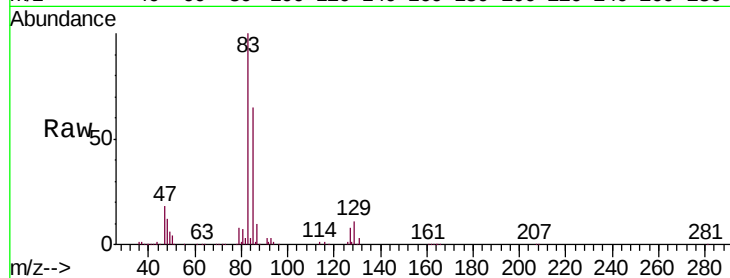
Tgt Ion: 83 Resp: 161333

Ion Ratio Lower Upper

83 100

85 65.3 51.2 76.8

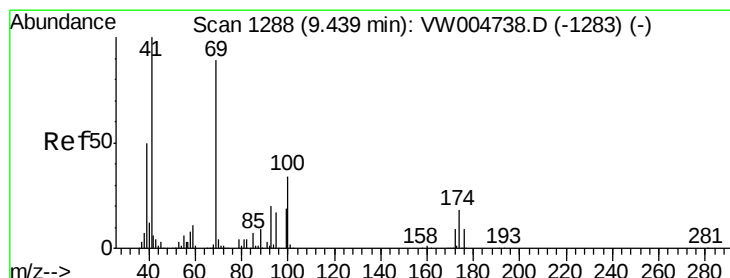
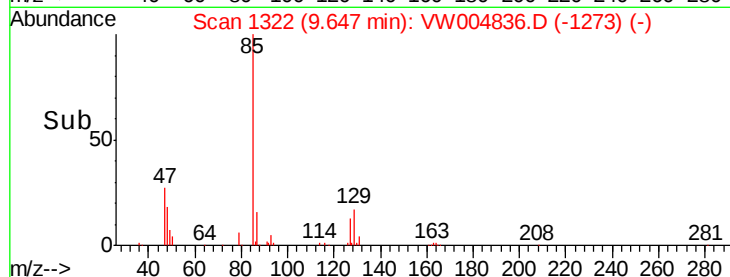
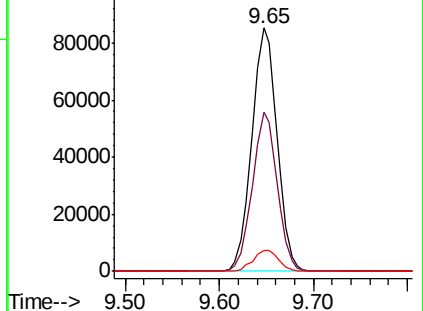
127 8.5 6.7 10.1



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: 18.128 ug/l

RT: 9.44 min Scan# 1288

Delta R.T. 0.00 min

Lab File: VW004836.D

Acq: 21 Aug 2018 13:02

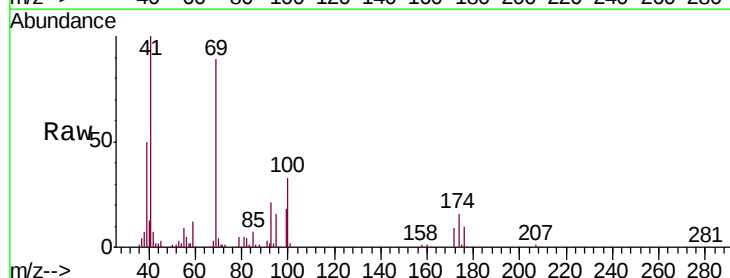
Tgt Ion: 41 Resp: 58232

Ion Ratio Lower Upper

41 100

69 95.3 75.2 112.8

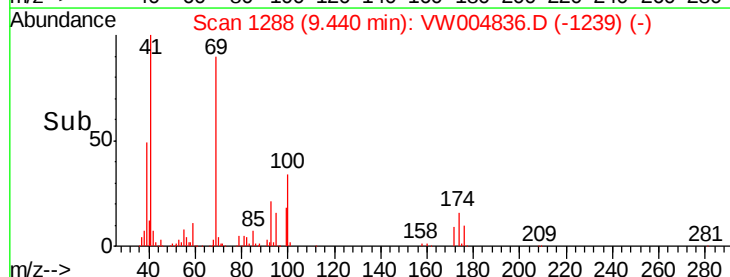
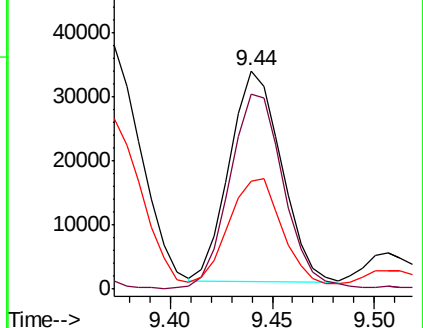
39 50.9 39.8 59.6

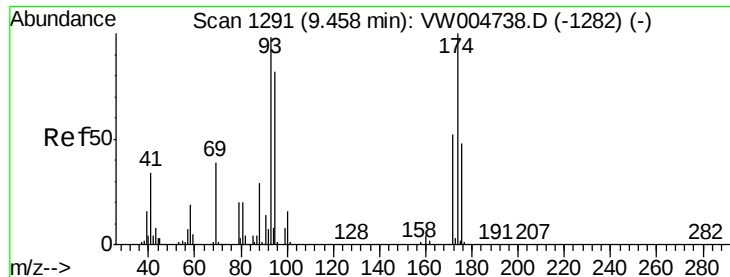


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 39.00 (38.70 to 39.70): VW





#49

1,4-Dioxane

Concen: 396.747 ug/l

RT: 9.48 min Scan# 1295

Delta R.T. 0.02 min

Lab File: VW004836.D

Acq: 21 Aug 2018 13:02

Instrument :

MSVOA_W

ClientSampleId :

VW0821SBSD01

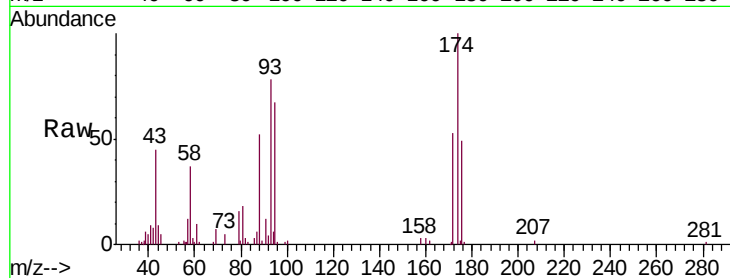
Tgt Ion: 88 Resp: 19517

Ion Ratio Lower Upper

88 100

43 0.0 22.9 34.3#

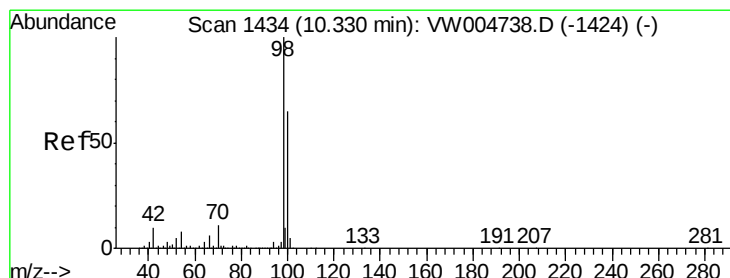
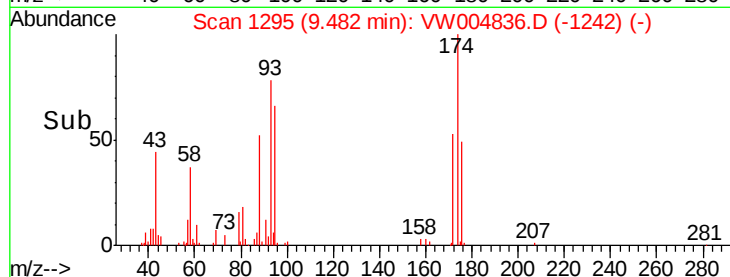
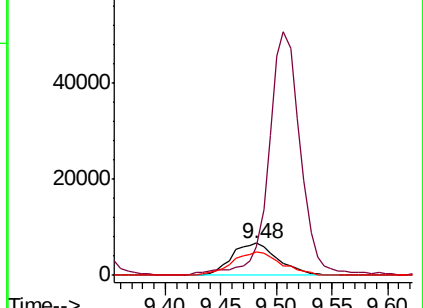
58 77.9 60.0 90.0



Abundance Ion 88.00 (87.70 to 88.70): VW

Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#50

Toluene-d8

Concen: 52.594 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. 0.00 min

Lab File: VW004836.D

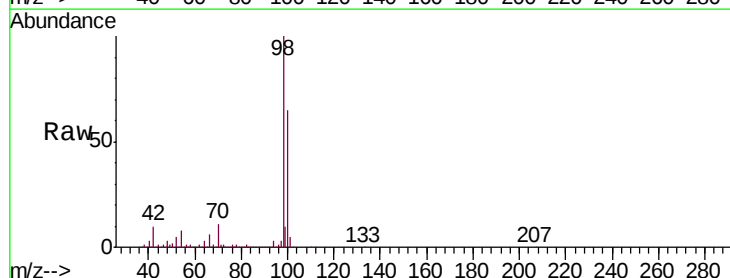
Acq: 21 Aug 2018 13:02

Tgt Ion: 98 Resp: 1217770

Ion Ratio Lower Upper

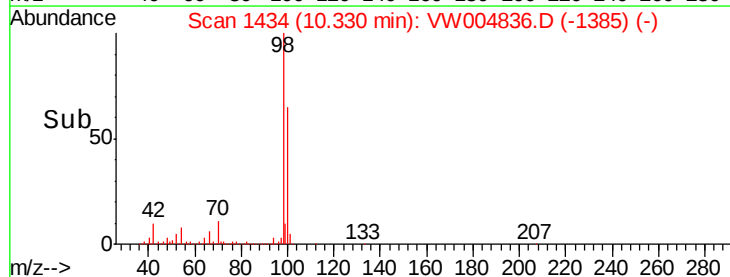
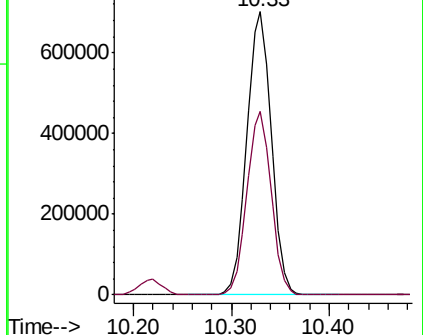
98 100

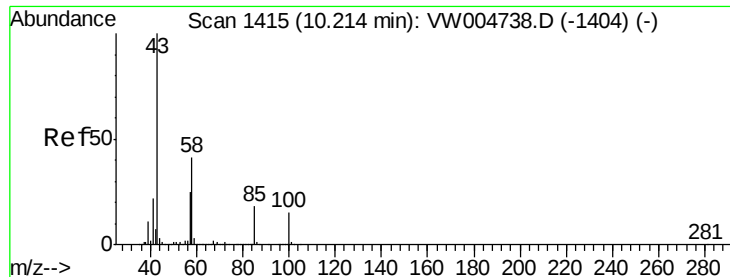
100 64.3 51.8 77.8



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

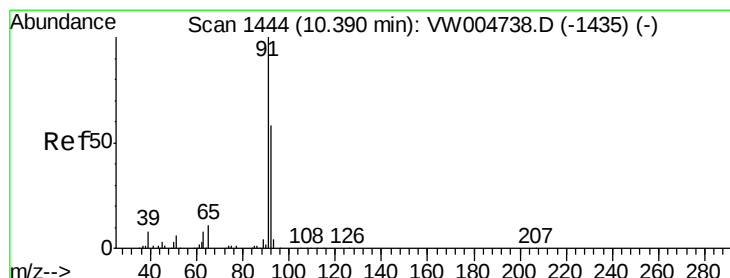
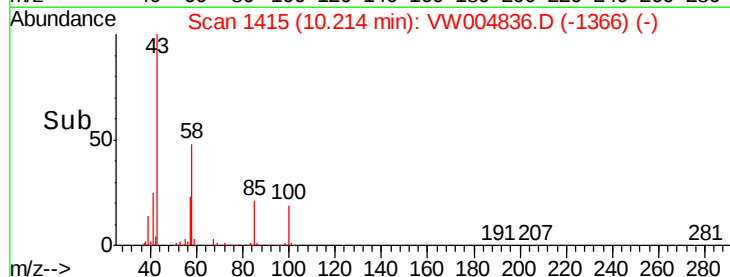
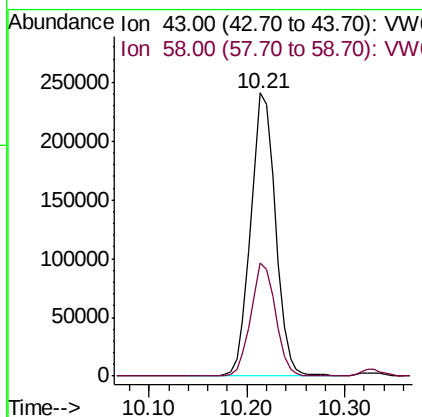
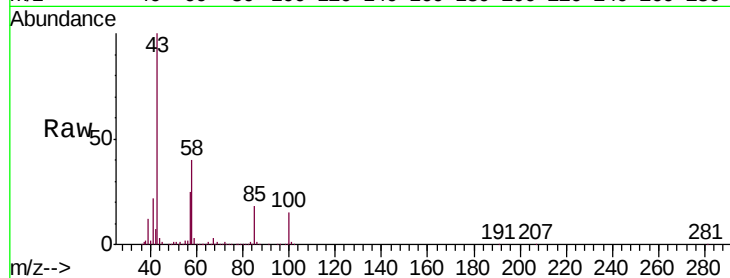




#51
 4-Methyl-2-Pentanone
 Concen: 91.949 ug/l
 RT: 10.21 min Scan# 1415
 Delta R.T. 0.00 min
 Lab File: VW004836.D
 Acq: 21 Aug 2018 13:02

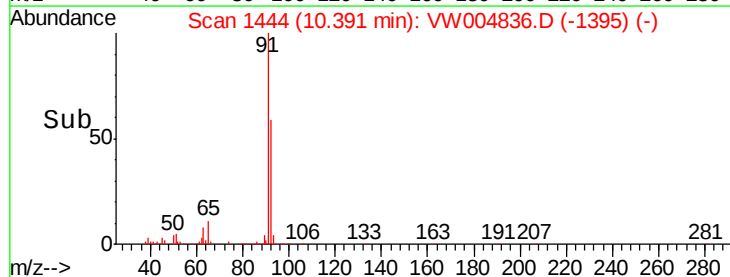
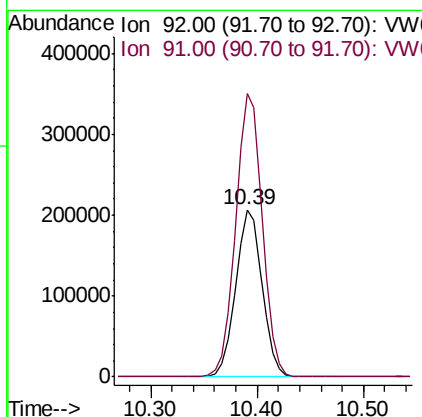
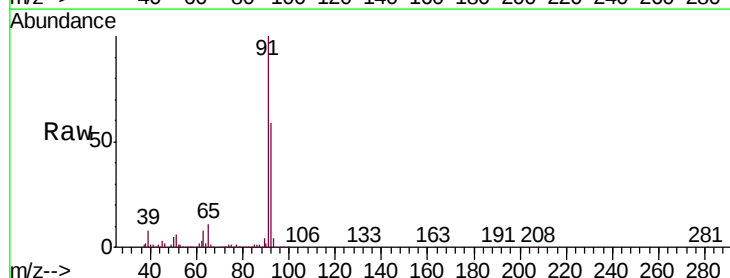
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0821SBSD01

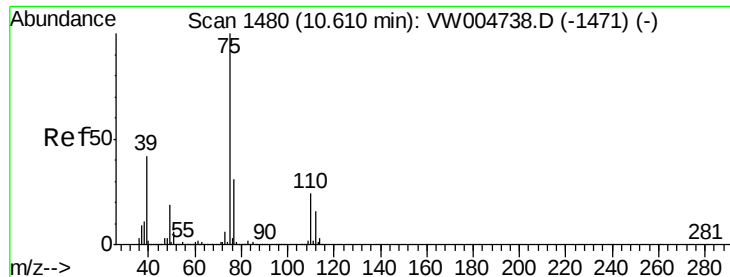
Tgt Ion: 43 Resp: 425414
 Ion Ratio Lower Upper
 43 100
 58 39.8 32.7 49.1



#52
 Toluene
 Concen: 21.526 ug/l
 RT: 10.39 min Scan# 1444
 Delta R.T. 0.00 min
 Lab File: VW004836.D
 Acq: 21 Aug 2018 13:02

Tgt Ion: 92 Resp: 358709
 Ion Ratio Lower Upper
 92 100
 91 171.3 138.3 207.5





#53

t-1,3-Dichloropropene

Concen: 19.717 ug/l

RT: 10.61 min Scan# 1480

Delta R.T. 0.00 min

Lab File: VW004836.D

Acq: 21 Aug 2018 13:02

Instrument :

MSVOA_W

ClientSampleId :

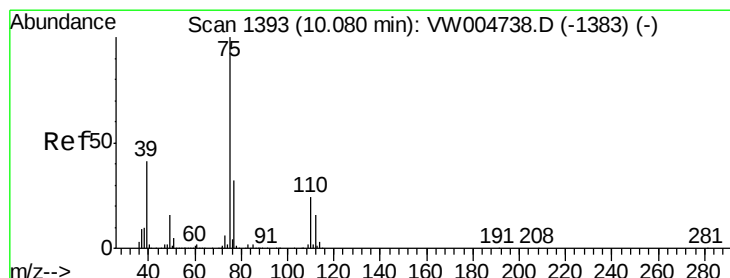
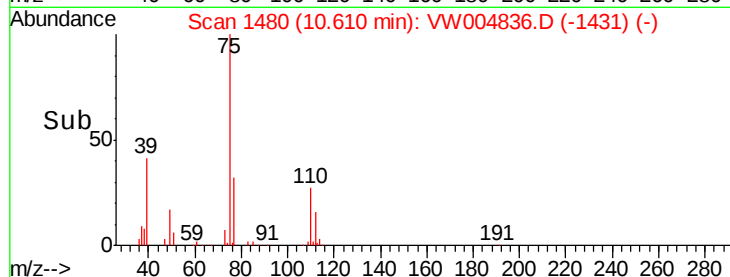
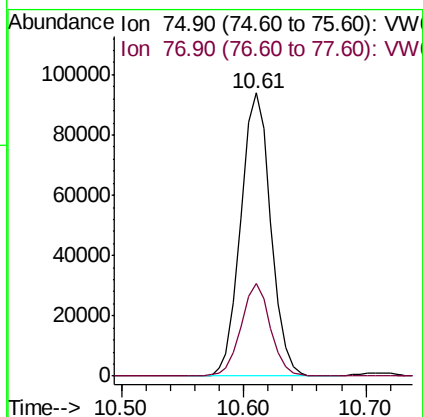
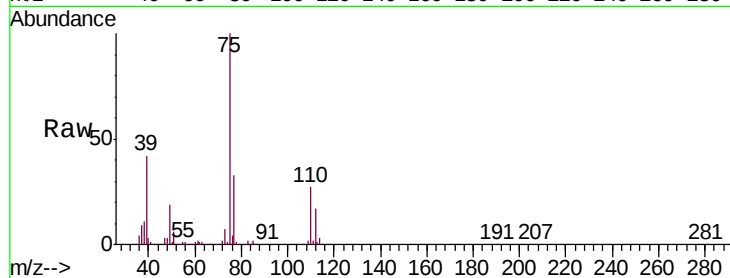
VW0821SBS01

Tgt Ion: 75 Resp: 159738

Ion Ratio Lower Upper

75 100

77 32.5 24.8 37.2



#54

cis-1,3-Dichloropropene

Concen: 20.122 ug/l

RT: 10.08 min Scan# 1393

Delta R.T. 0.00 min

Lab File: VW004836.D

Acq: 21 Aug 2018 13:02

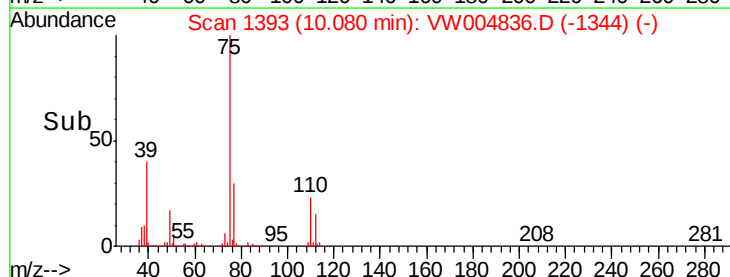
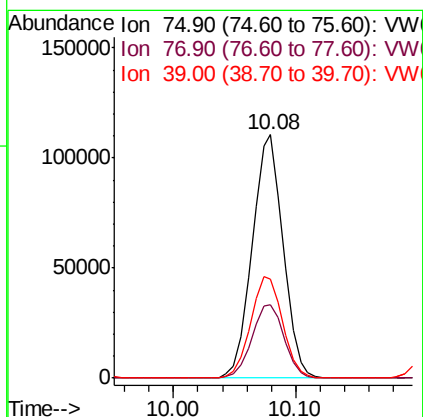
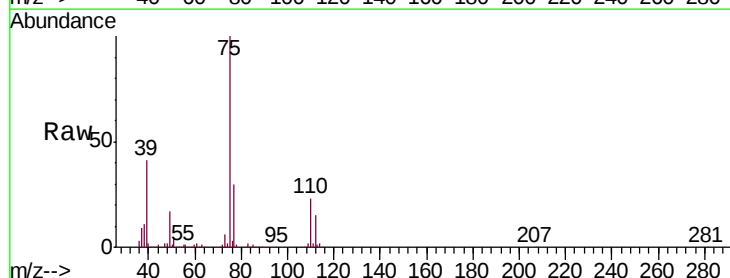
Tgt Ion: 75 Resp: 194352

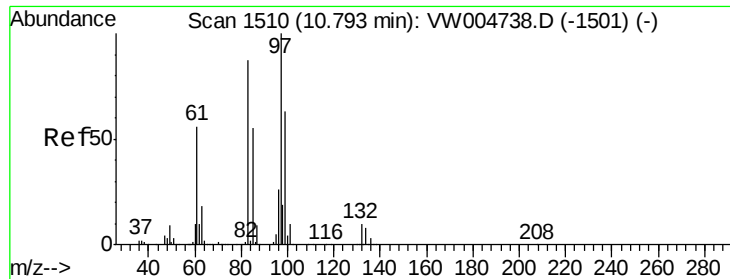
Ion Ratio Lower Upper

75 100

77 30.4 25.6 38.4

39 40.4 33.0 49.4

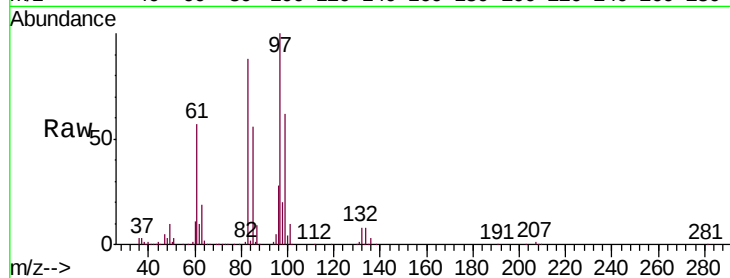




#55
 1,1,2-Trichloroethane
 Concen: 20.156 ug/l
 RT: 10.79 min Scan# 1510
 Delta R.T. 0.00 min
 Lab File: VW004836.D
 Acq: 21 Aug 2018 13:02

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0821SBS01

Tgt Ion:	97	Resp:	96470
Ion	Ratio	Lower	Upper
97	100		
83	88.4	69.4	104.2
85	55.9	44.3	66.5
99	61.8	50.2	75.2



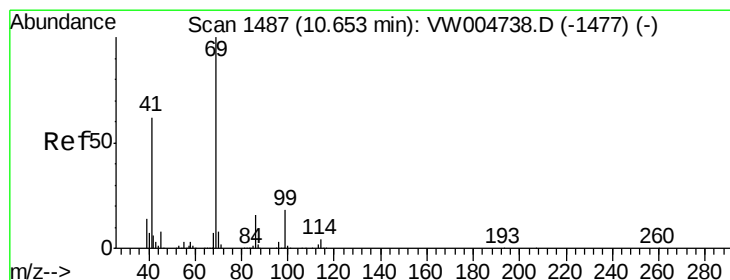
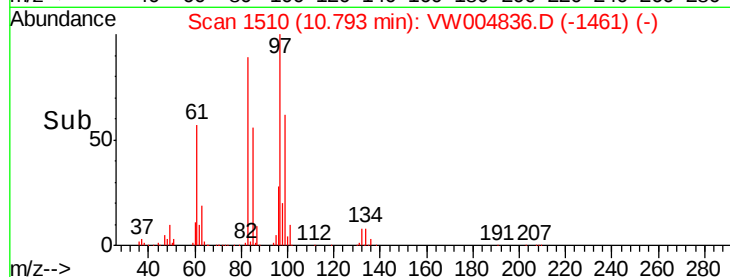
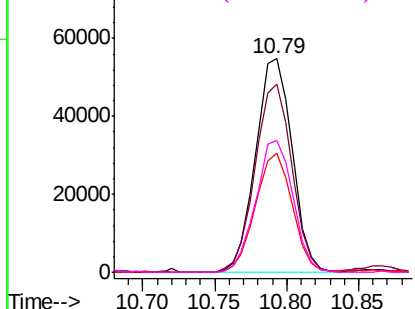
Abundance

Ion 96.90 (96.60 to 97.60): VW

Ion 82.90 (82.60 to 83.60): VW

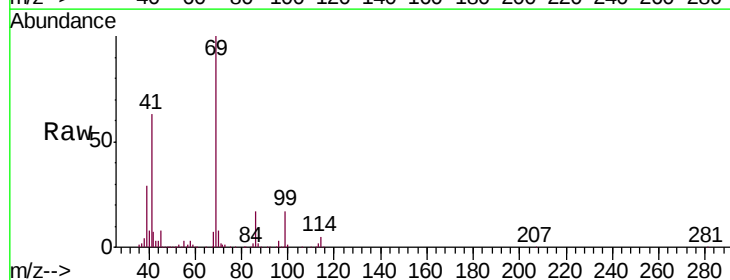
Ion 84.90 (84.60 to 85.60): VW

Ion 98.90 (98.60 to 99.60): VW



#56
 Ethyl methacrylate
 Concen: 18.774 ug/l
 RT: 10.65 min Scan# 1487
 Delta R.T. 0.00 min
 Lab File: VW004836.D
 Acq: 21 Aug 2018 13:02

Tgt Ion:	69	Resp:	105015
Ion	Ratio	Lower	Upper
69	100		
41	63.3	50.7	76.1
39	26.8	21.4	32.2

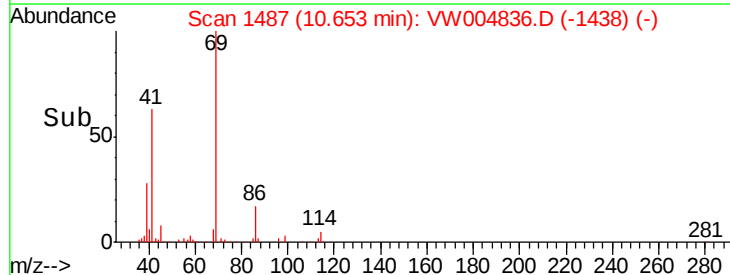
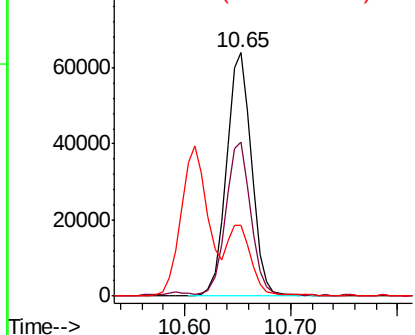


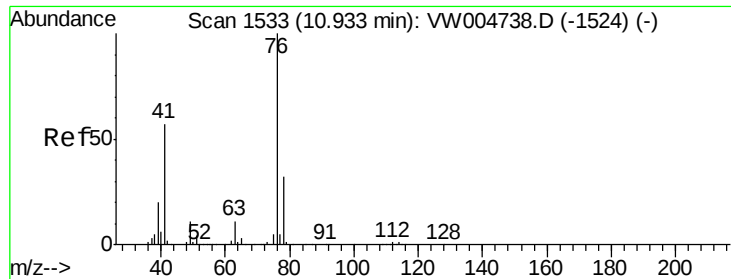
Abundance

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

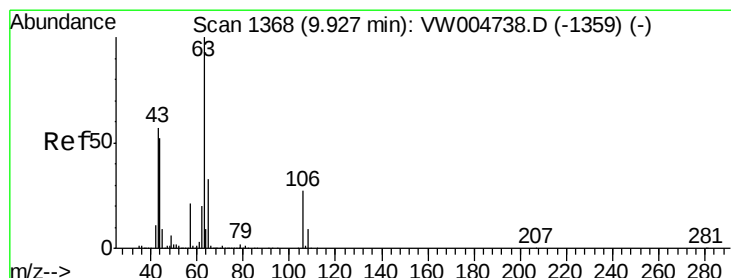
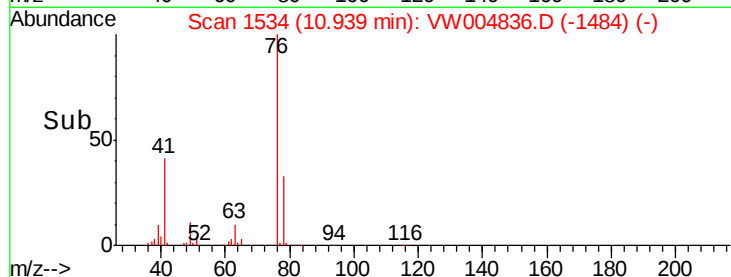
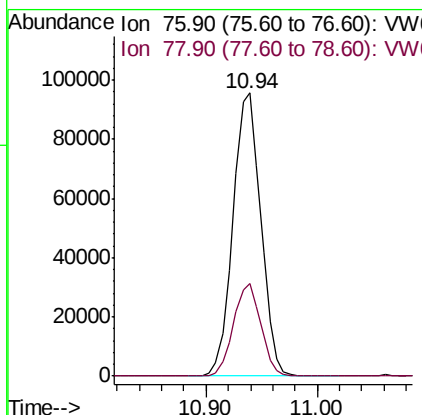
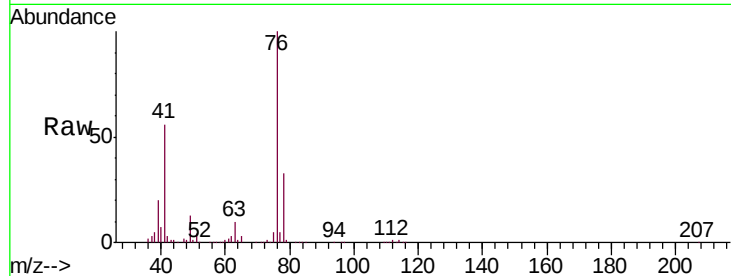




#57
 1,3-Dichloropropane
 Concen: 20.021 ug/l
 RT: 10.94 min Scan# 1534
 Delta R.T. 0.01 min
 Lab File: VW004836.D
 Acq: 21 Aug 2018 13:02

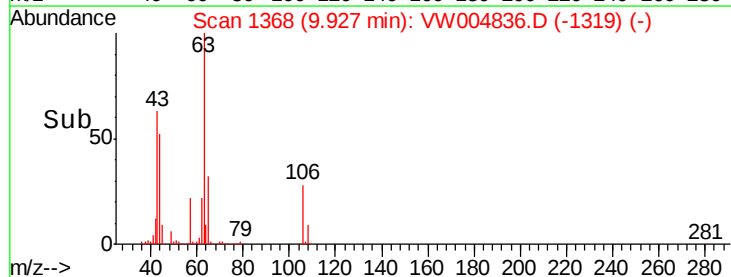
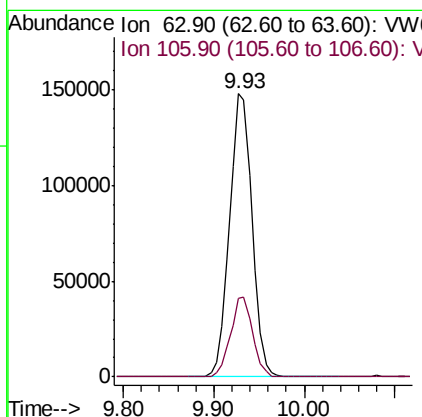
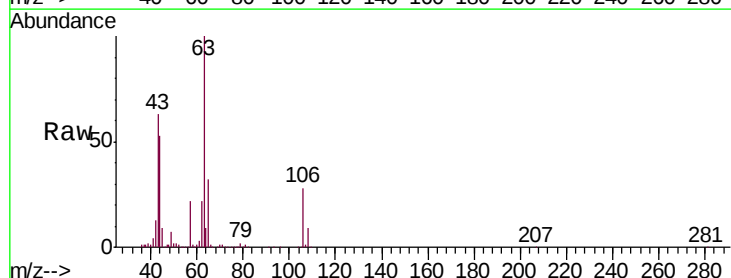
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0821SBSD01

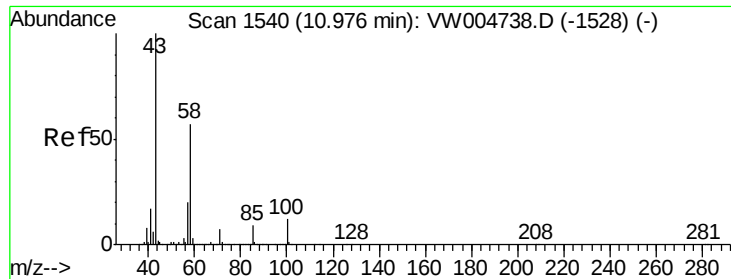
Tgt Ion: 76 Resp: 165405
 Ion Ratio Lower Upper
 76 100
 78 32.5 25.9 38.9



#58
 2-Chloroethyl Vinyl ether
 Concen: 96.205 ug/l
 RT: 9.93 min Scan# 1368
 Delta R.T. 0.00 min
 Lab File: VW004836.D
 Acq: 21 Aug 2018 13:02

Tgt Ion: 63 Resp: 254290
 Ion Ratio Lower Upper
 63 100
 106 27.7 22.1 33.1

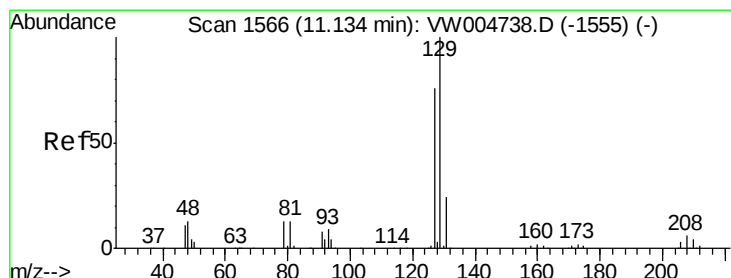
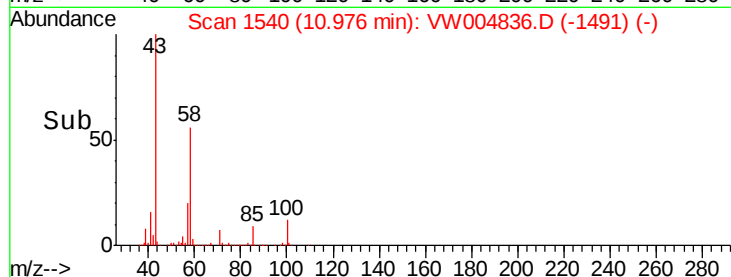
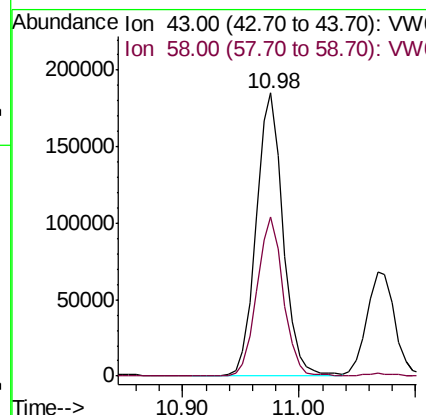
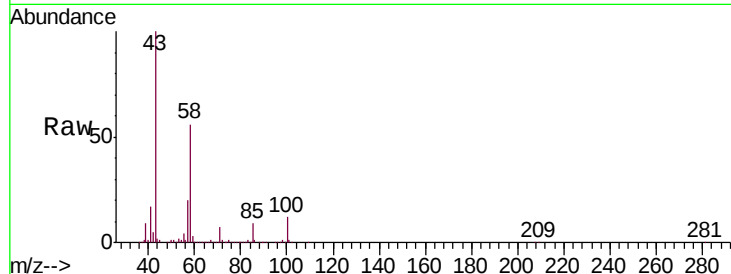




#59
2-Hexanone
Concen: 94.891 ug/l
RT: 10.98 min Scan# 1540
Delta R.T. 0.00 min
Lab File: VW004836.D
Acq: 21 Aug 2018 13:02

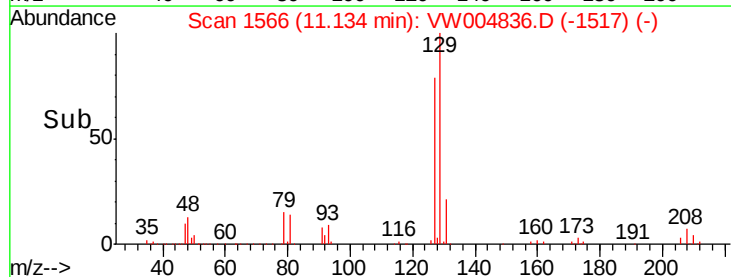
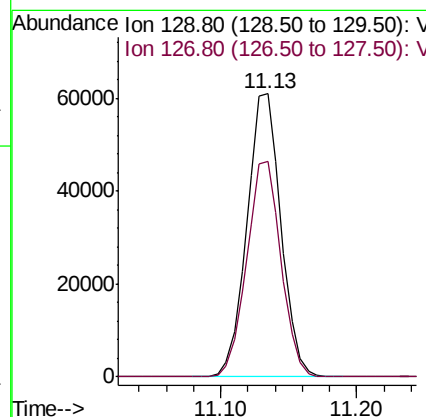
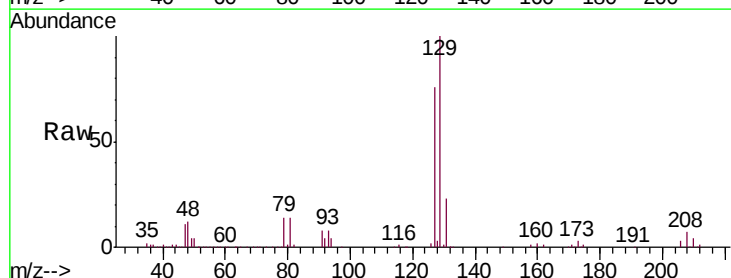
Instrument :
MSVOA_W
ClientSampleId :
VW0821SBSD01

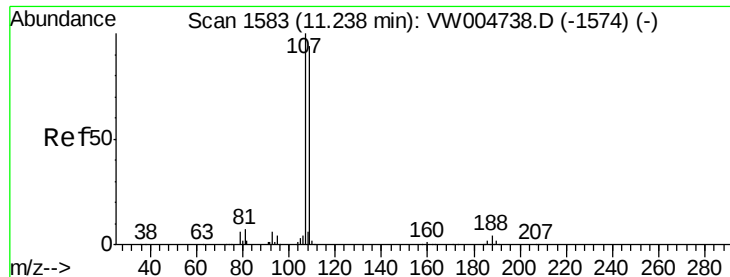
Tgt Ion: 43 Resp: 297469
Ion Ratio Lower Upper
43 100
58 55.3 28.1 84.4



#60
Dibromochloromethane
Concen: 19.879 ug/l
RT: 11.13 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VW004836.D
Acq: 21 Aug 2018 13:02

Tgt Ion: 129 Resp: 106746
Ion Ratio Lower Upper
129 100
127 76.6 38.5 115.5

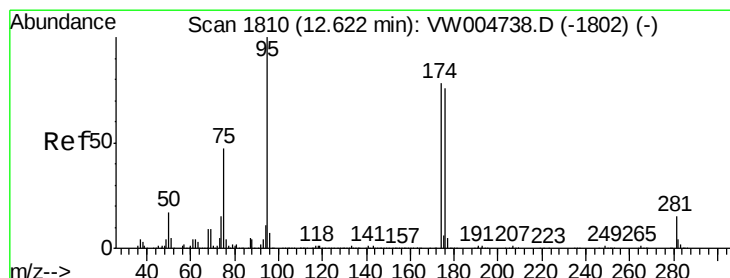
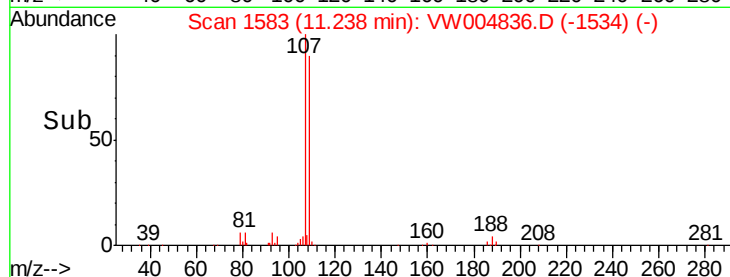
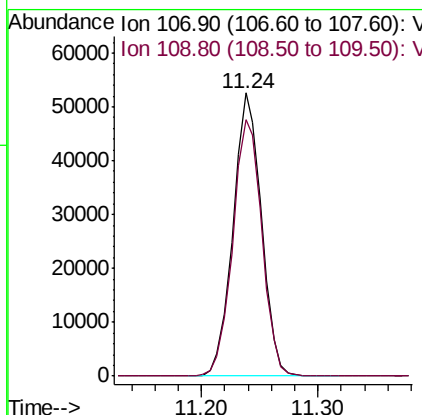
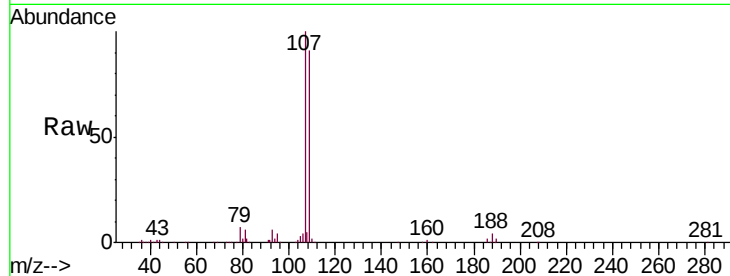




#61
 1,2-Dibromoethane
 Concen: 19.480 ug/l
 RT: 11.24 min Scan# 1583
 Delta R.T. 0.00 min
 Lab File: VW004836.D
 Acq: 21 Aug 2018 13:02

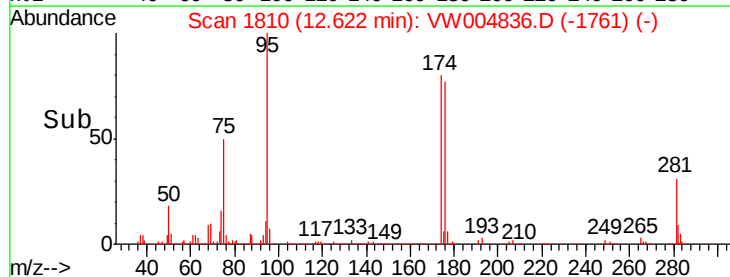
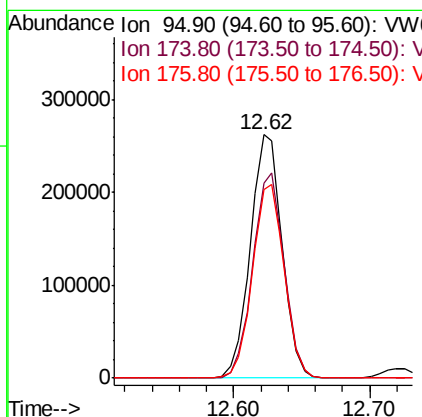
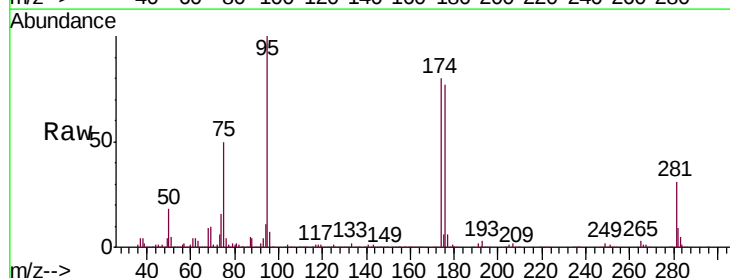
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0821SBSD01

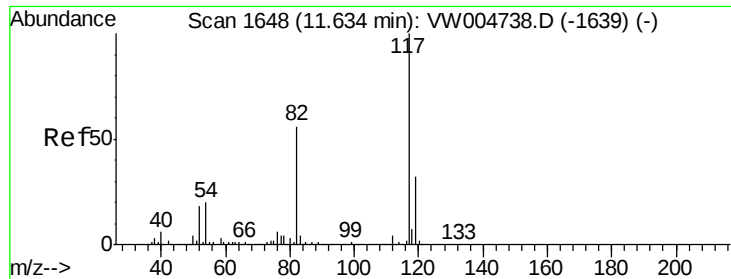
Tgt Ion: 107 Resp: 89119
 Ion Ratio Lower Upper
 107 100
 109 93.0 75.5 113.3



#62
 4-Bromofluorobenzene
 Concen: 51.518 ug/l
 RT: 12.62 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VW004836.D
 Acq: 21 Aug 2018 13:02

Tgt Ion: 95 Resp: 429145
 Ion Ratio Lower Upper
 95 100
 174 83.4 0.0 165.8
 176 79.7 0.0 159.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1648

Delta R.T. 0.00 min

Lab File: VW004836.D

Acq: 21 Aug 2018 13:02

Instrument :

MSVOA_W

ClientSampled :

VW0821SBS01

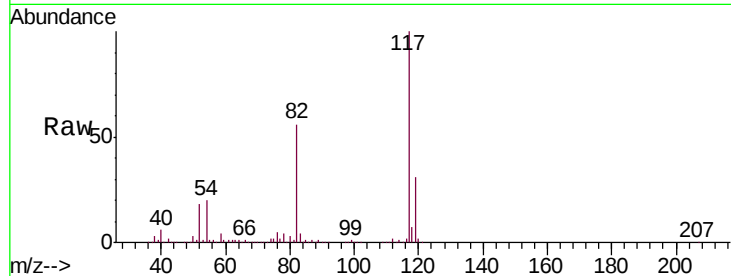
Tgt Ion:117 Resp: 869114

Ion Ratio Lower Upper

117 100

82 55.6 44.6 67.0

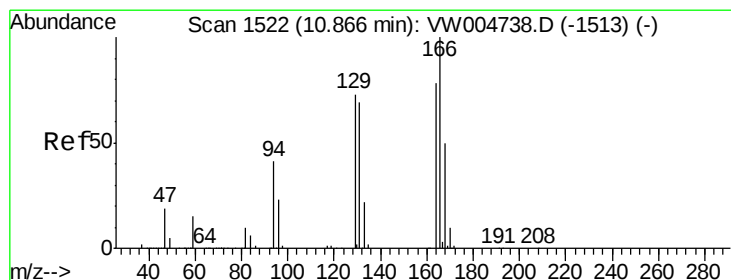
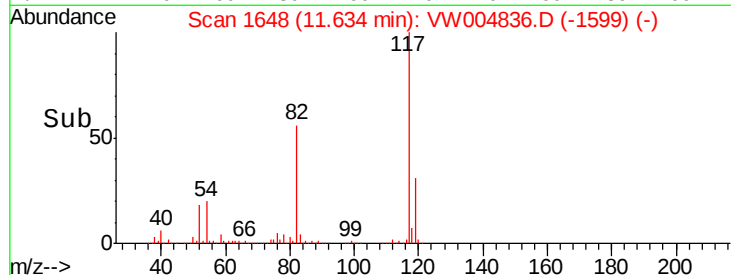
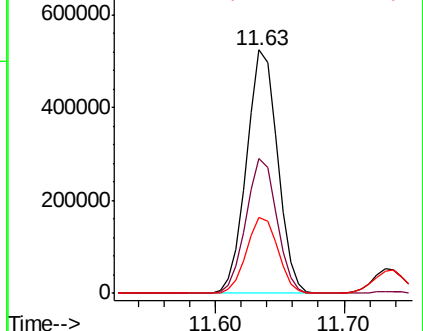
119 31.2 25.6 38.4



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#64

Tetrachloroethene

Concen: 21.287 ug/l

RT: 10.87 min Scan# 1522

Delta R.T. 0.00 min

Lab File: VW004836.D

Acq: 21 Aug 2018 13:02

Tgt Ion:164 Resp: 126437

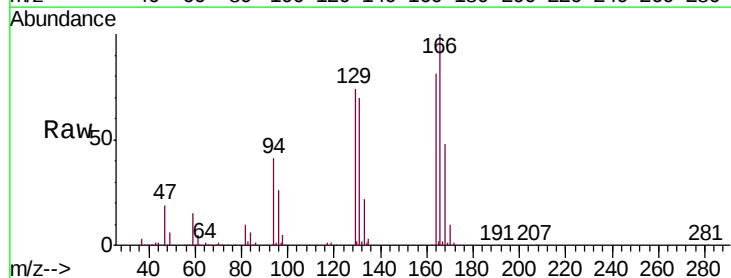
Ion Ratio Lower Upper

164 100

166 123.9 102.5 153.7

129 92.0 75.1 112.7

131 86.7 71.3 106.9

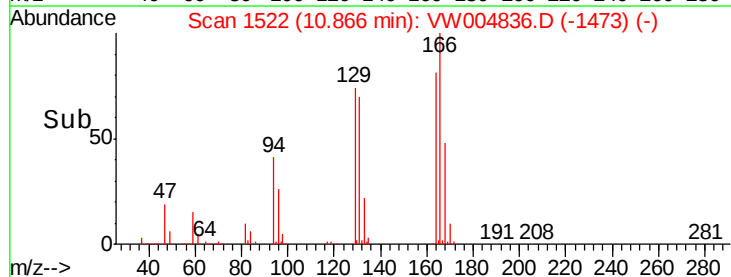
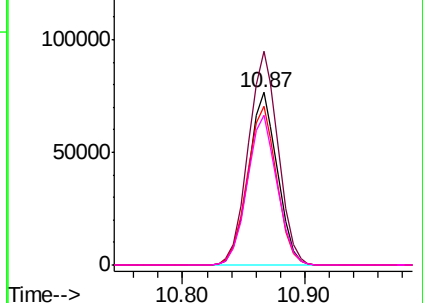


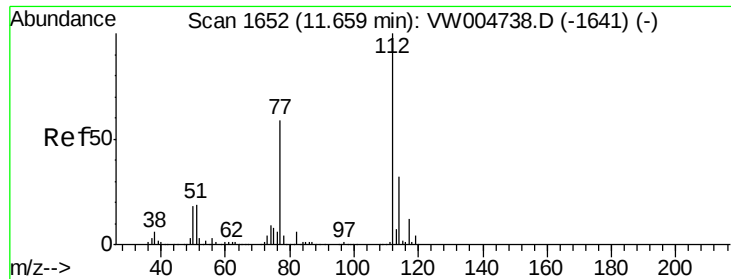
Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V

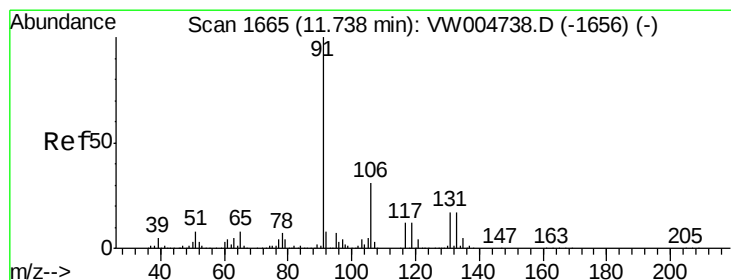
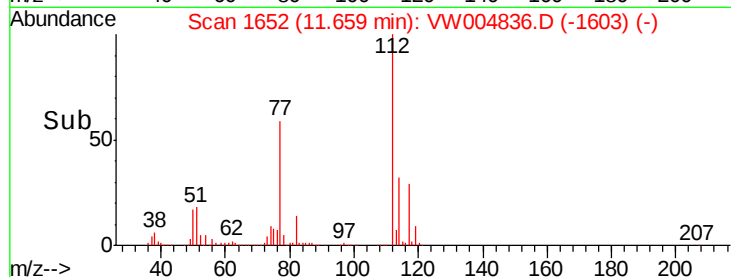
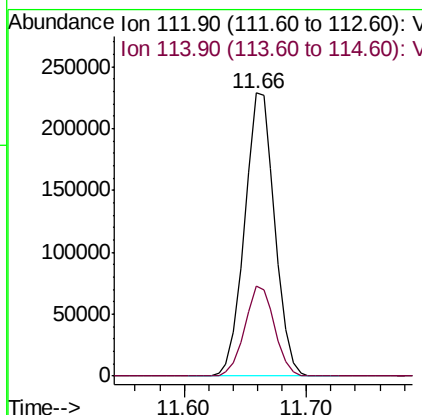
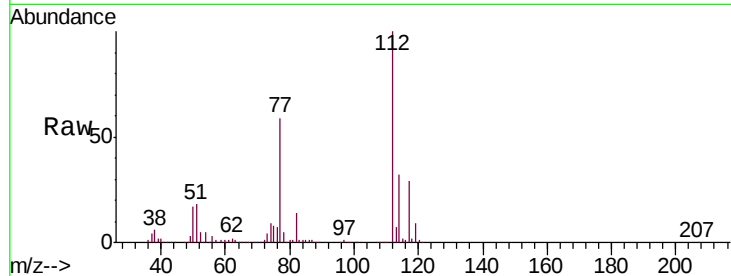




#65
Chlorobenzene
Concen: 20.863 ug/l
RT: 11.66 min Scan# 1652
Delta R.T. 0.00 min
Lab File: VW004836.D
Acq: 21 Aug 2018 13:02

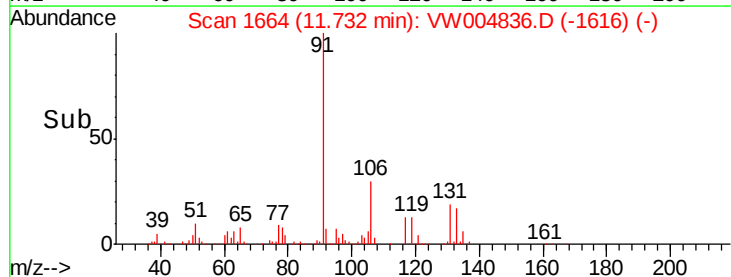
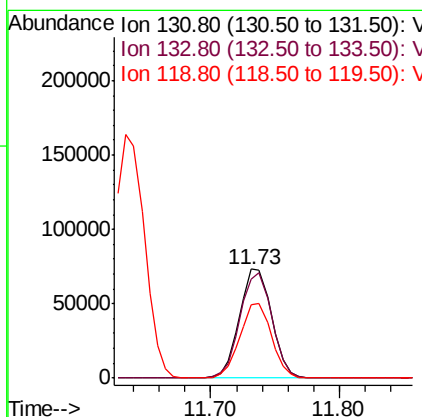
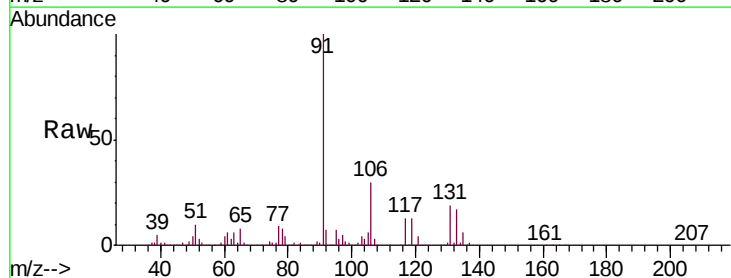
Instrument :
MSVOA_W
ClientSampleId :
VW0821SBSD01

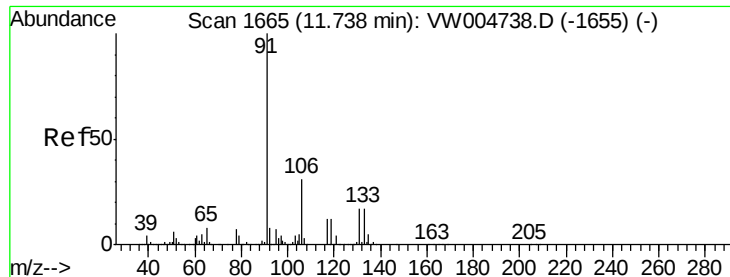
Tgt Ion:112 Resp: 390273
Ion Ratio Lower Upper
112 100
114 31.7 25.4 38.2



#66
1,1,1,2-Tetrachloroethane
Concen: 20.114 ug/l
RT: 11.73 min Scan# 1664
Delta R.T. -0.01 min
Lab File: VW004836.D
Acq: 21 Aug 2018 13:02

Tgt Ion:131 Resp: 127043
Ion Ratio Lower Upper
131 100
133 95.7 48.2 144.6
119 67.3 34.0 102.0

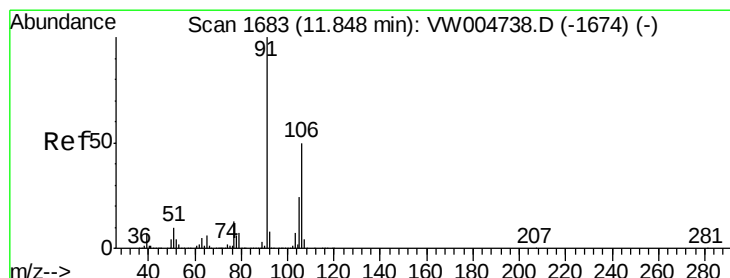
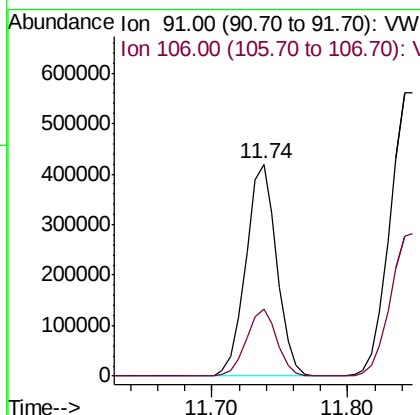
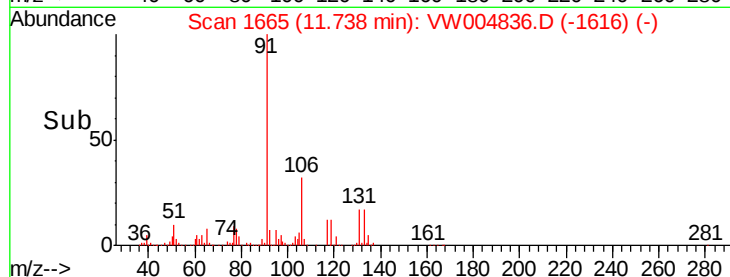
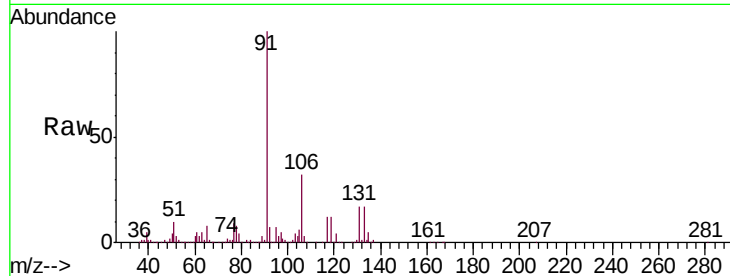




#67
Ethyl Benzene
Concen: 20.982 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. 0.00 min
Lab File: VW004836.D
Acq: 21 Aug 2018 13:02

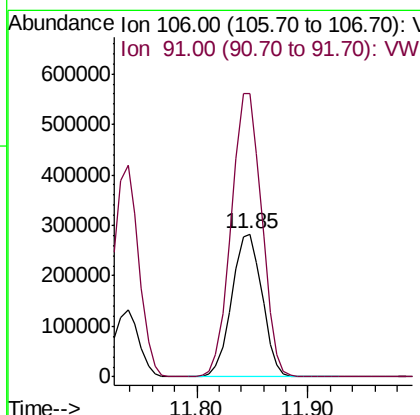
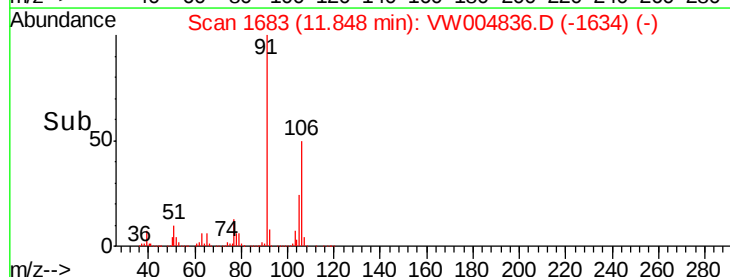
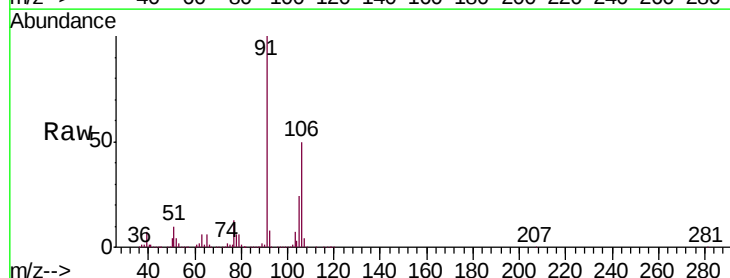
Instrument :
MSVOA_W
ClientSampleId :
VW0821SBSD01

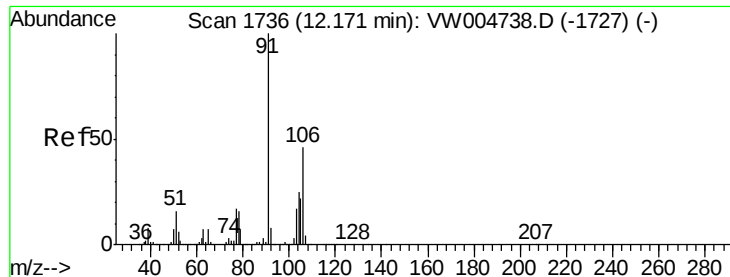
Tgt Ion: 91 Resp: 665375
Ion Ratio Lower Upper
91 100
106 31.9 24.9 37.3



#68
m/p-Xylenes
Concen: 43.184 ug/l
RT: 11.85 min Scan# 1683
Delta R.T. 0.00 min
Lab File: VW004836.D
Acq: 21 Aug 2018 13:02

Tgt Ion: 106 Resp: 532798
Ion Ratio Lower Upper
106 100
91 200.0 159.9 239.9

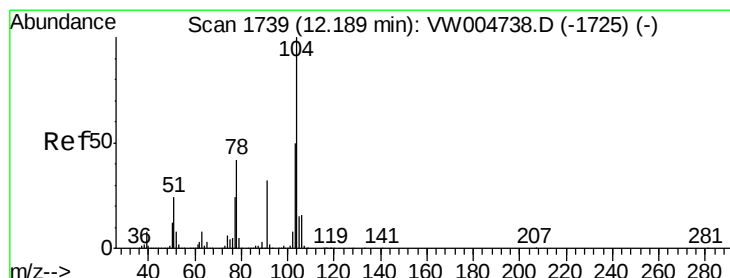
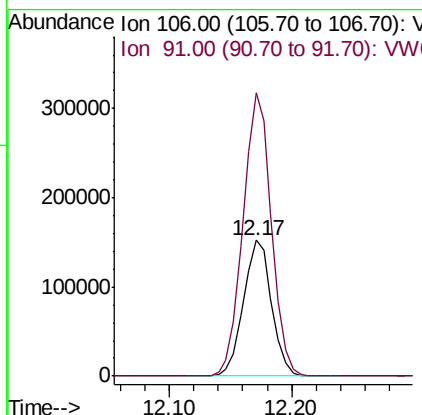
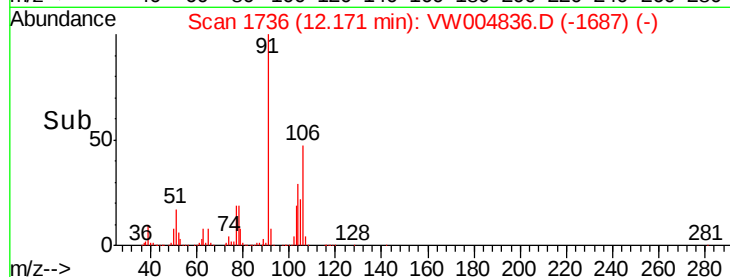
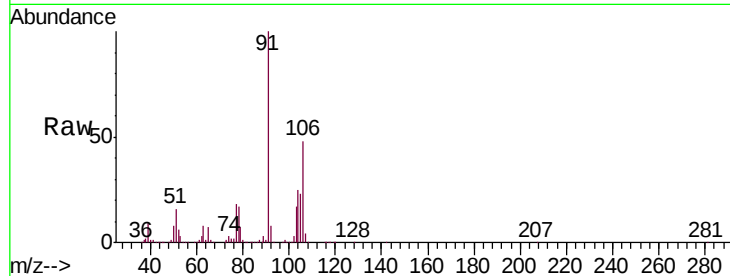




#69
o-Xylene
Concen: 21.253 ug/l
RT: 12.17 min Scan# 1736
Delta R.T. 0.00 min
Lab File: VW004836.D
Acq: 21 Aug 2018 13:02

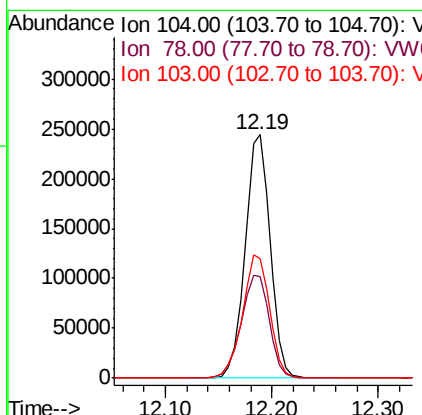
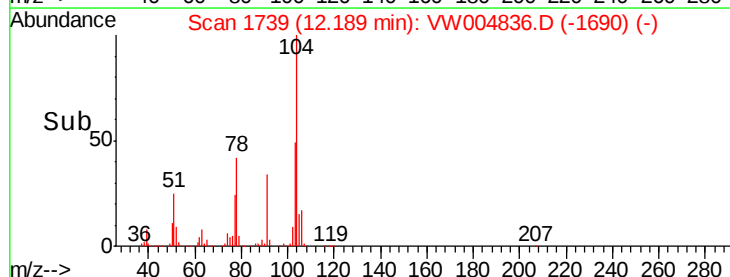
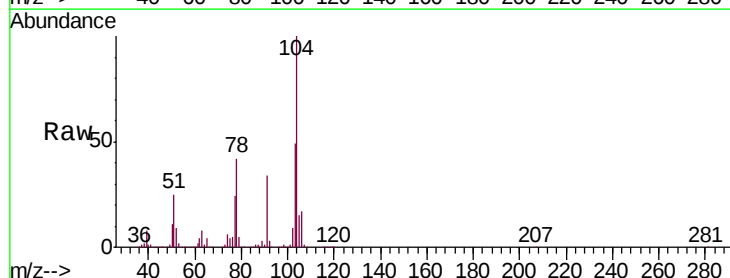
Instrument :
MSVOA_W
ClientSampleId :
VW0821SBSD01

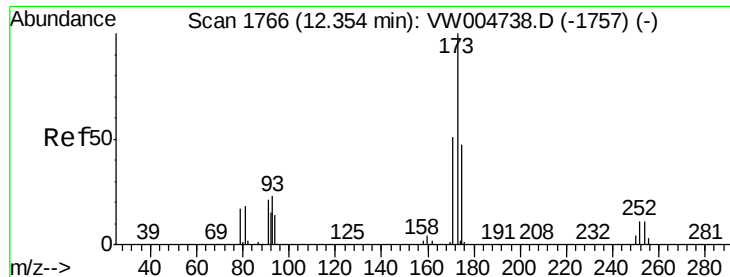
Tgt Ion:106 Resp: 242738
Ion Ratio Lower Upper
106 100
91 209.3 107.3 321.8



#70
Styrene
Concen: 21.108 ug/l
RT: 12.19 min Scan# 1739
Delta R.T. 0.00 min
Lab File: VW004836.D
Acq: 21 Aug 2018 13:02

Tgt Ion:104 Resp: 404965
Ion Ratio Lower Upper
104 100
78 47.5 38.4 57.6
103 54.8 44.1 66.1

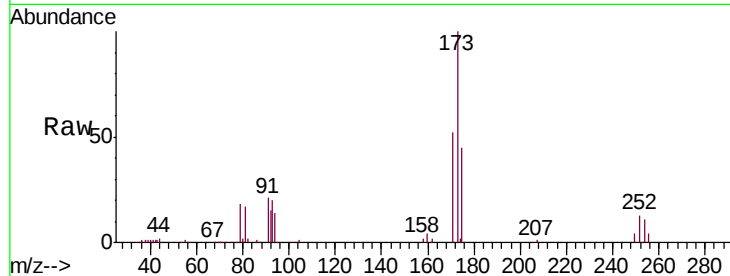




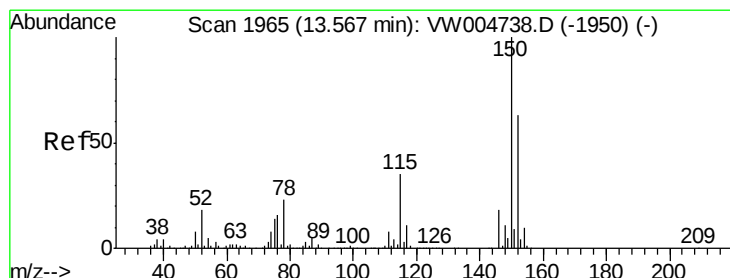
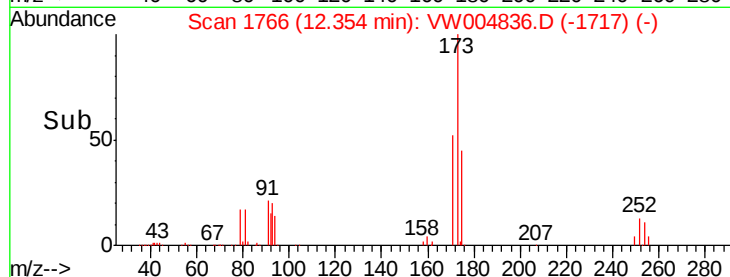
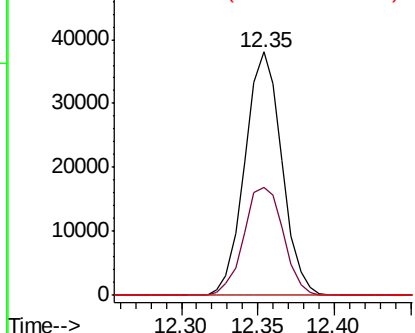
#71
Bromoform
Concen: 19.234 ug/l
RT: 12.35 min Scan# 1766
Delta R.T. 0.00 min
Lab File: VW004836.D
Acq: 21 Aug 2018 13:02

Instrument :
MSVOA_W
ClientSampleId :
VW0821SBSD01

Tgt Ion:173 Resp: 64120
Ion Ratio Lower Upper
173 100
175 47.6 23.8 71.4
254 0.1 0.1 0.1#

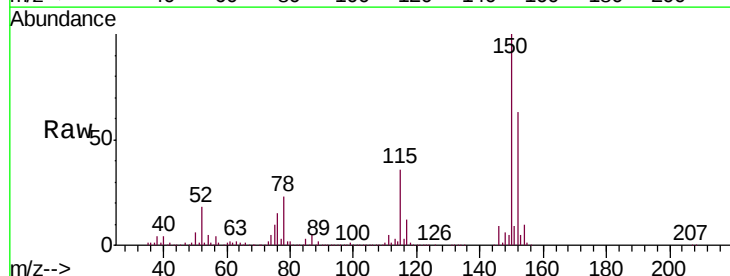


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

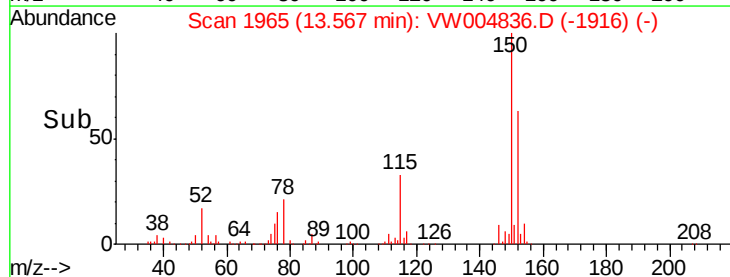
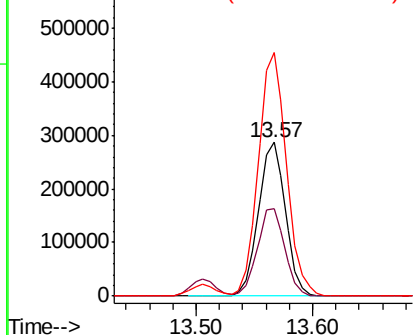


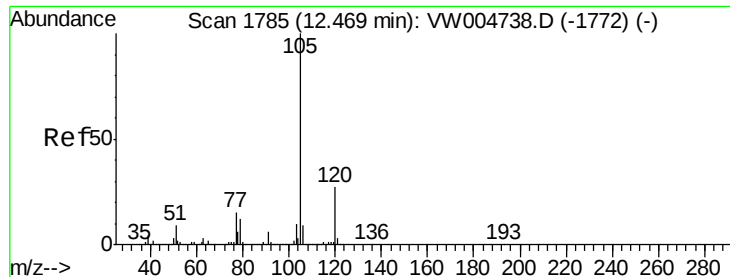
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. 0.00 min
Lab File: VW004836.D
Acq: 21 Aug 2018 13:02

Tgt Ion:152 Resp: 463373
Ion Ratio Lower Upper
152 100
115 57.7 28.5 85.5
150 164.5 0.0 344.8



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 21.322 ug/l

RT: 12.47 min Scan# 1785

Delta R.T. 0.00 min

Lab File: VW004836.D

Acq: 21 Aug 2018 13:02

Instrument :

MSVOA_W

ClientSampleId :

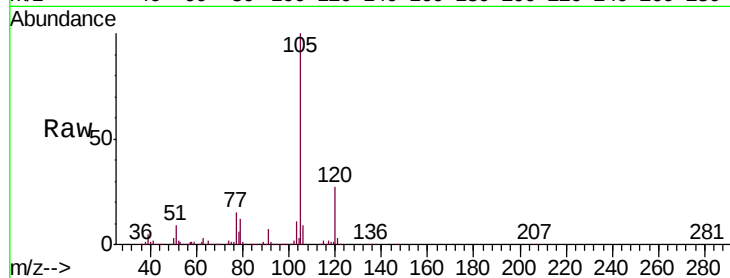
VW0821SBSD01

Tgt Ion: 105 Resp: 672141

Ion Ratio Lower Upper

105 100

120 26.8 13.3 39.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.47

400000

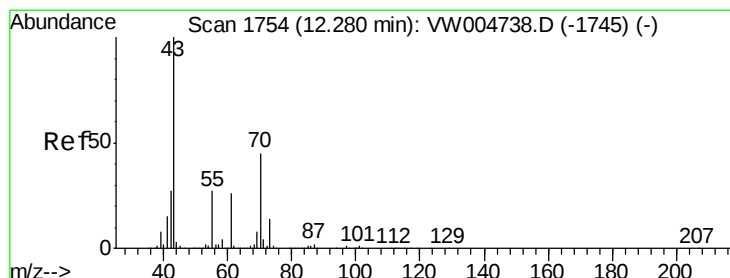
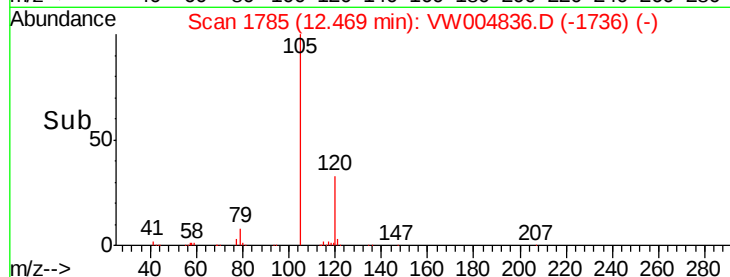
300000

200000

100000

0

Time-->



#74

N-ethyl acetate

Concen: 19.242 ug/l

RT: 12.28 min Scan# 1754

Delta R.T. 0.00 min

Lab File: VW004836.D

Acq: 21 Aug 2018 13:02

Tgt Ion: 43 Resp: 122221

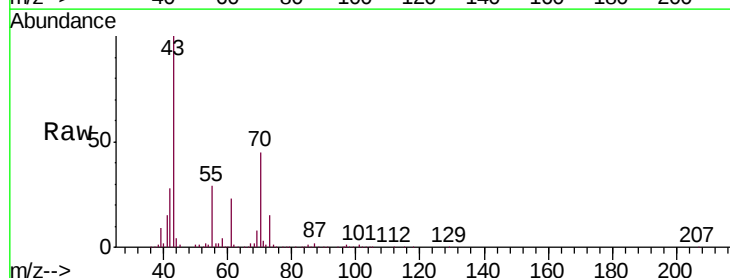
Ion Ratio Lower Upper

43 100

70 45.2 36.3 54.5

55 30.2 22.6 33.8

61 24.3 20.2 30.4



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 70.00 (69.70 to 70.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 61.00 (60.70 to 61.70): VW

12.28

80000

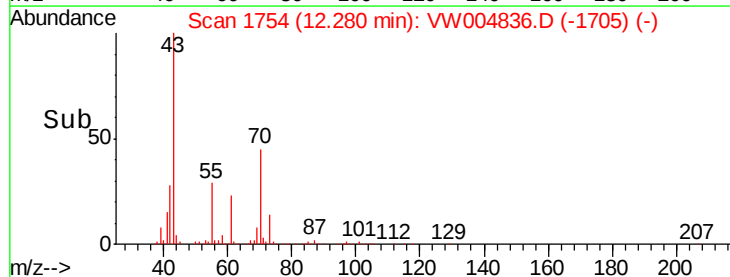
60000

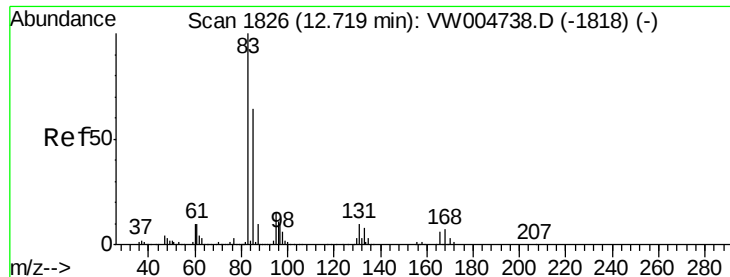
40000

20000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 19.314 ug/l

RT: 12.72 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VW004836.D

Acq: 21 Aug 2018 13:02

Instrument :

MSVOA_W

ClientSampleId :

VW0821SBSD01

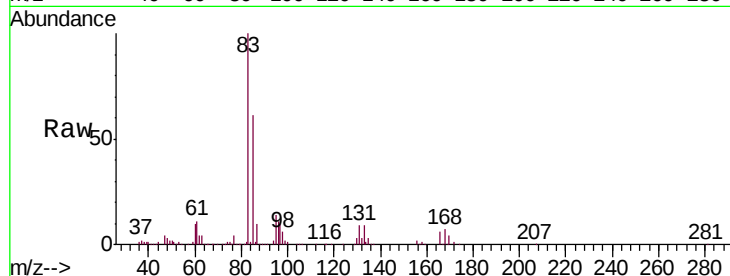
Tgt Ion: 83 Resp: 112787

Ion Ratio Lower Upper

83 100

131 10.6 5.3 15.8

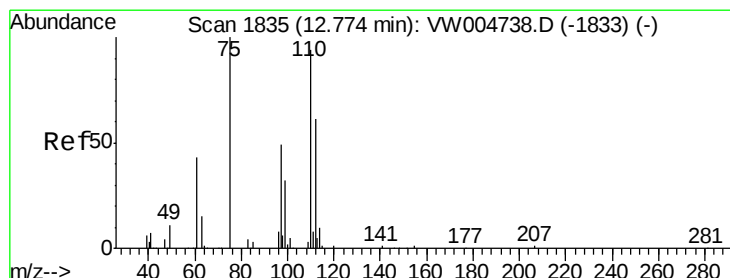
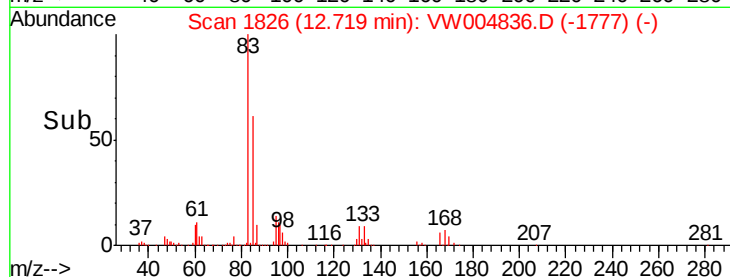
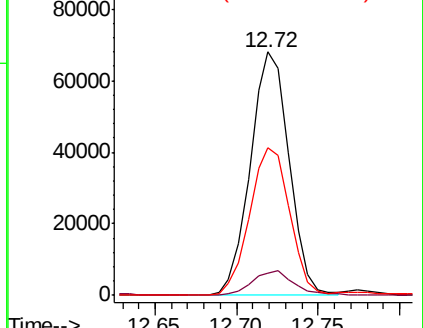
85 62.6 31.9 95.9



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: 35.034 ug/l

RT: 12.77 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VW004836.D

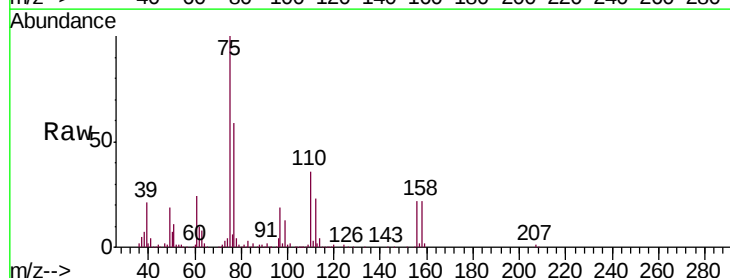
Acq: 21 Aug 2018 13:02

Tgt Ion: 75 Resp: 143104

Ion Ratio Lower Upper

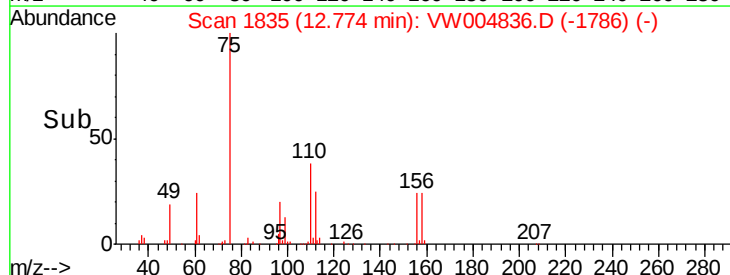
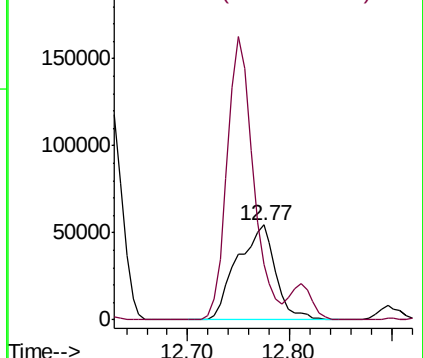
75 100

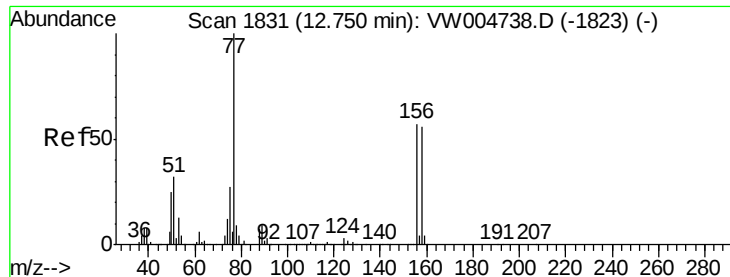
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 20.399 ug/l

RT: 12.75 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VW004836.D

Acq: 21 Aug 2018 13:02

Instrument :

MSVOA_W

ClientSampleId :

VW0821SBSD01

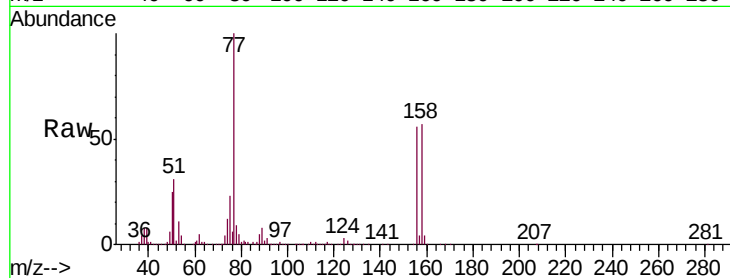
Tgt Ion: 156 Resp: 155651

Ion Ratio Lower Upper

156 100

77 187.3 94.2 282.4

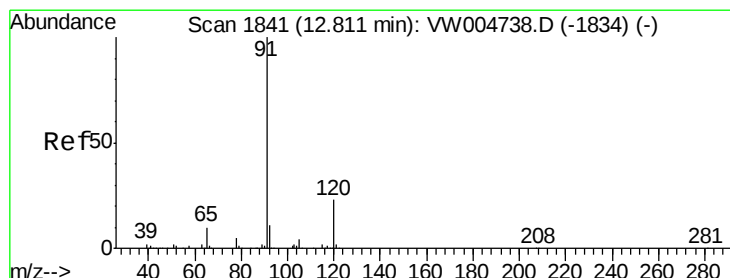
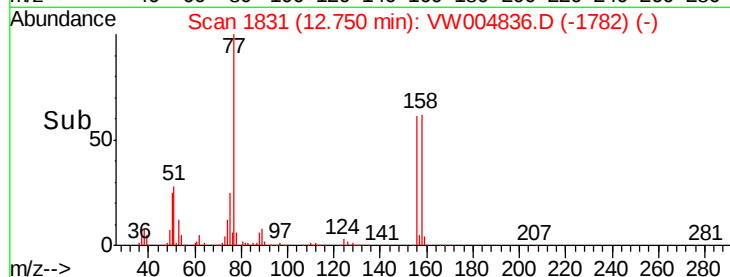
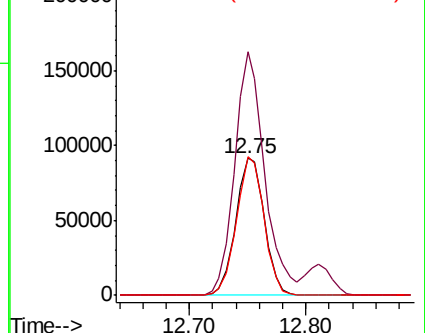
158 97.6 48.6 145.9



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 21.818 ug/l

RT: 12.81 min Scan# 1841

Delta R.T. 0.00 min

Lab File: VW004836.D

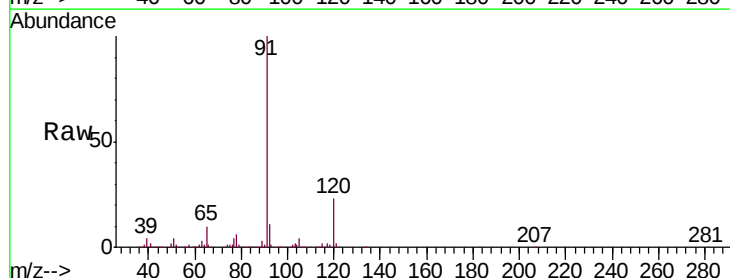
Acq: 21 Aug 2018 13:02

Tgt Ion: 91 Resp: 839299

Ion Ratio Lower Upper

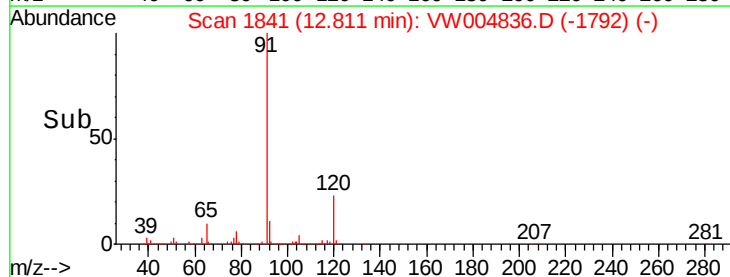
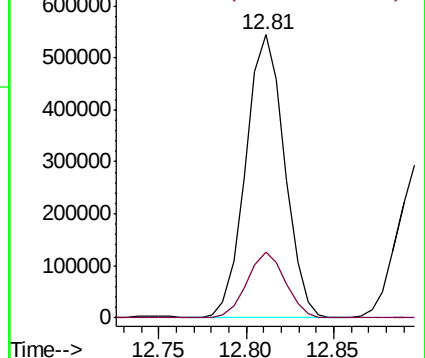
91 100

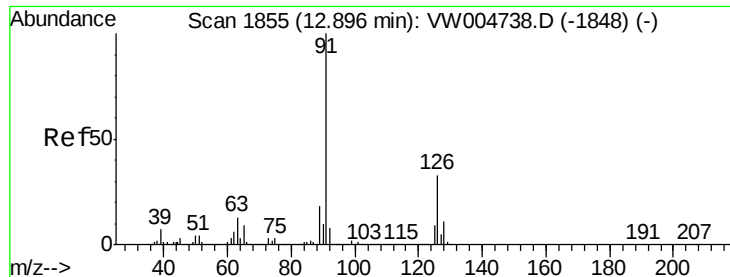
120 22.9 11.4 34.2



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 21.058 ug/l

RT: 12.90 min Scan# 1855

Delta R.T. 0.00 min

Lab File: VW004836.D

Acq: 21 Aug 2018 13:02

Instrument :

MSVOA_W

ClientSampleId :

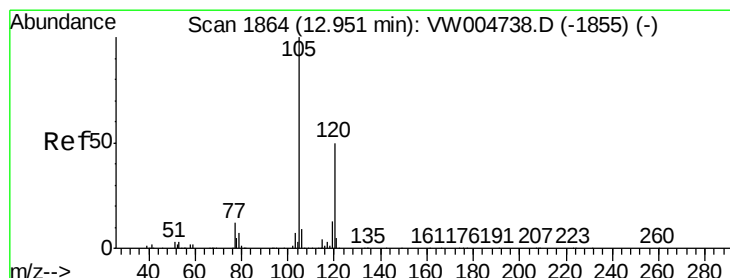
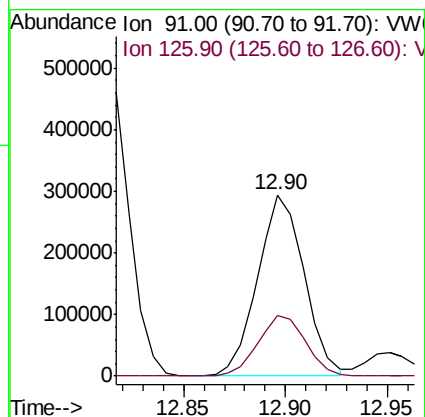
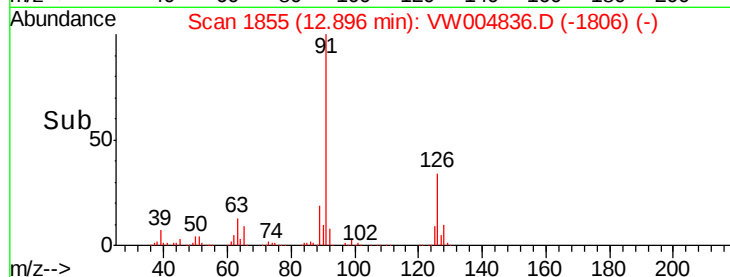
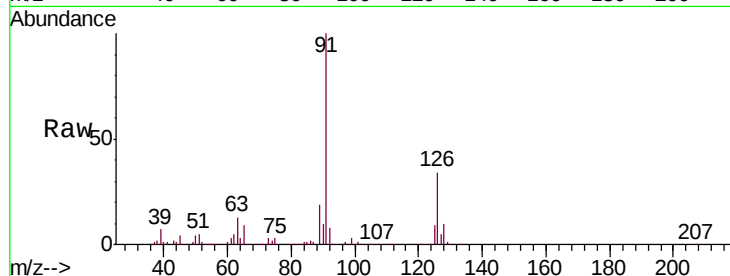
VW0821SBSD01

Tgt Ion: 91 Resp: 466926

Ion Ratio Lower Upper

91 100

126 34.6 17.0 51.0



#80

1,3,5-Trimethylbenzene

Concen: 21.691 ug/l

RT: 12.95 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VW004836.D

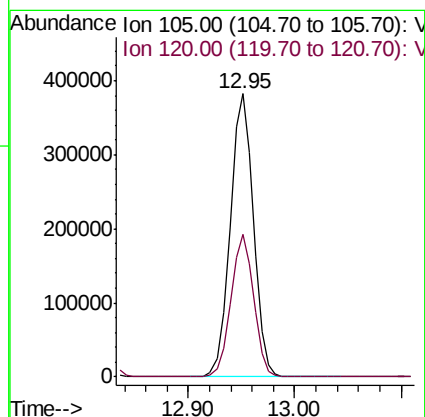
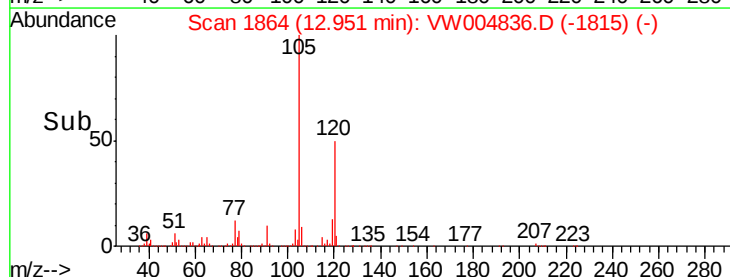
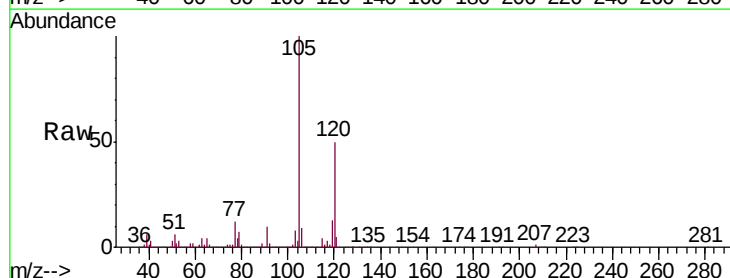
Acq: 21 Aug 2018 13:02

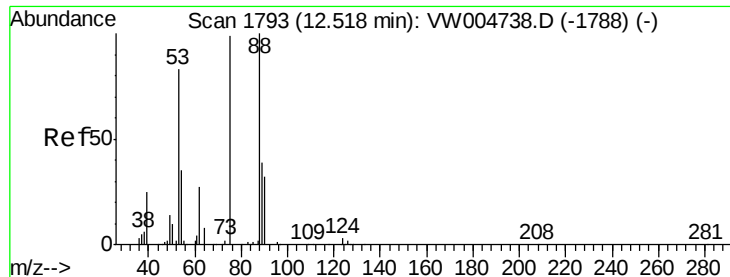
Tgt Ion: 105 Resp: 580924

Ion Ratio Lower Upper

105 100

120 49.6 24.7 74.1





#81

trans-1,4-Dichloro-2-butene

Concen: 17.964 ug/l

RT: 12.52 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VW004836.D

Acq: 21 Aug 2018 13:02

Instrument :

MSVOA_W

ClientSampleId :

VW0821SBSD01

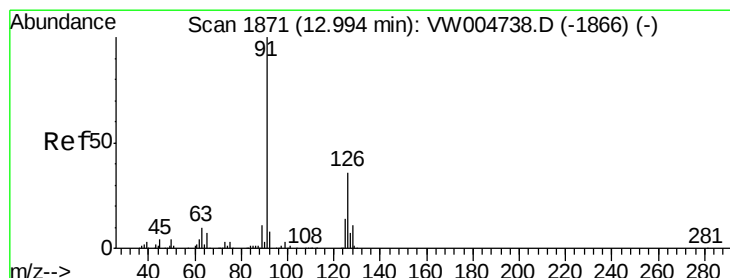
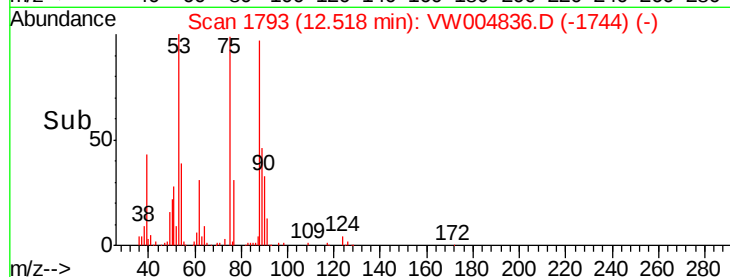
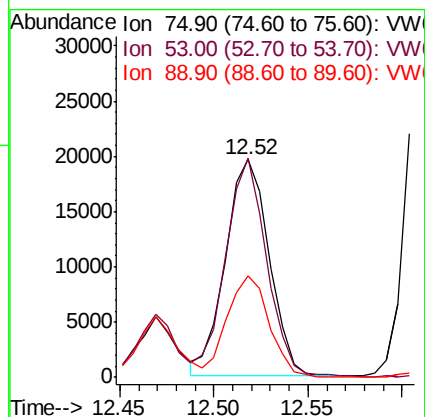
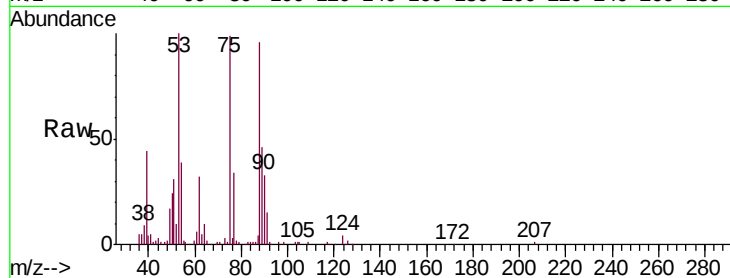
Tgt Ion: 75 Resp: 31570

Ion Ratio Lower Upper

75 100

53 95.2 72.2 108.4

89 45.1 35.2 52.8



#82

4-Chlorotoluene

Concen: 21.454 ug/l

RT: 12.99 min Scan# 1871

Delta R.T. 0.00 min

Lab File: VW004836.D

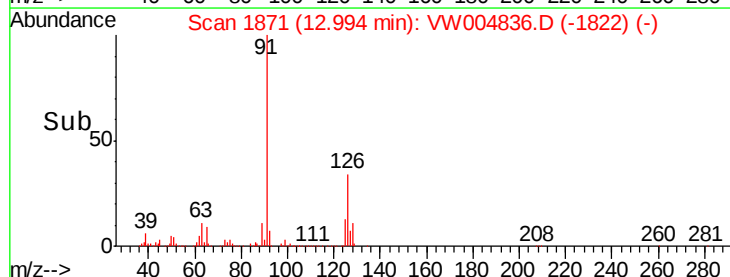
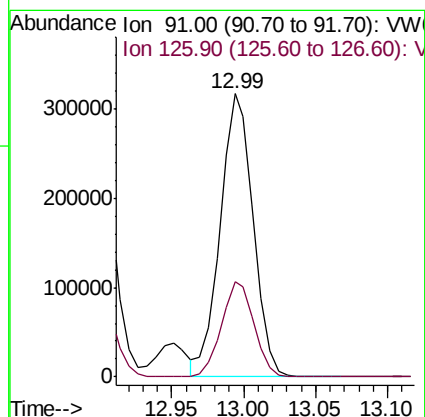
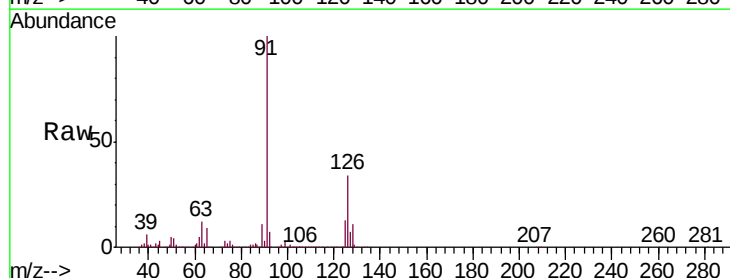
Acq: 21 Aug 2018 13:02

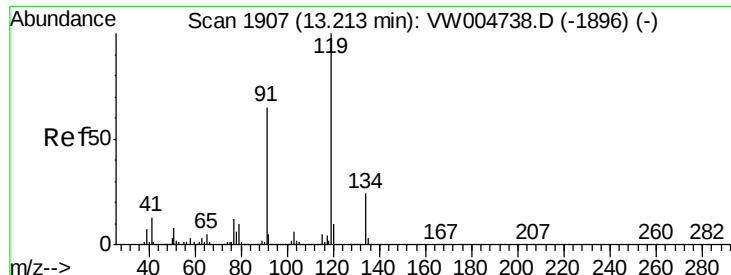
Tgt Ion: 91 Resp: 505435

Ion Ratio Lower Upper

91 100

126 33.5 16.9 50.7

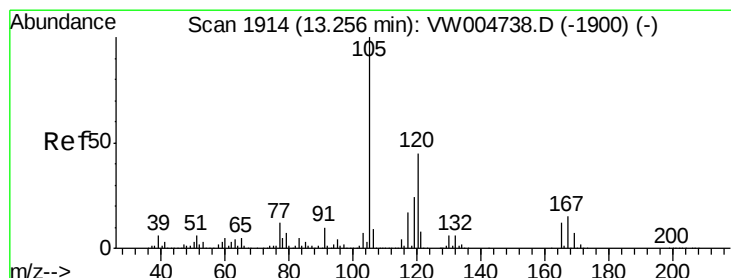
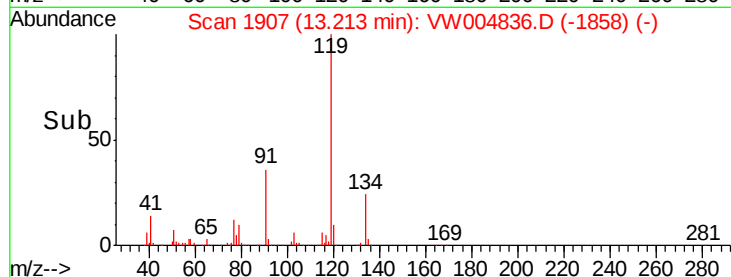
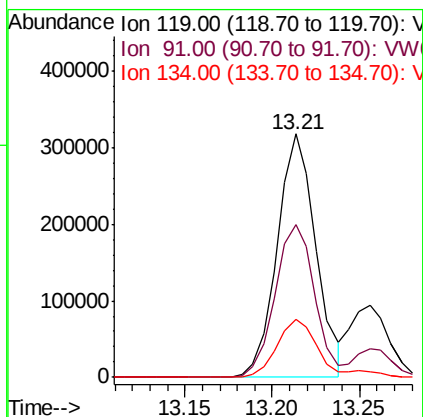
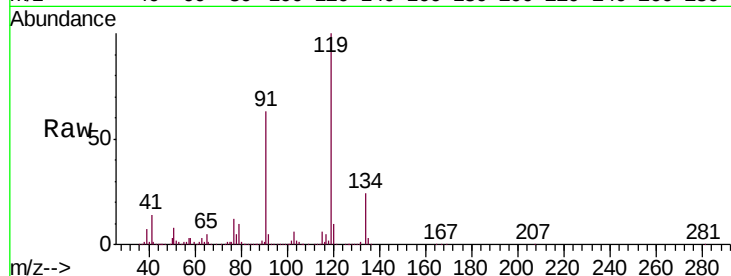




#83
 tert-Butylbenzene
 Concen: 21.408 ug/l
 RT: 13.21 min Scan# 1907
 Delta R.T. 0.00 min
 Lab File: VW004836.D
 Acq: 21 Aug 2018 13:02

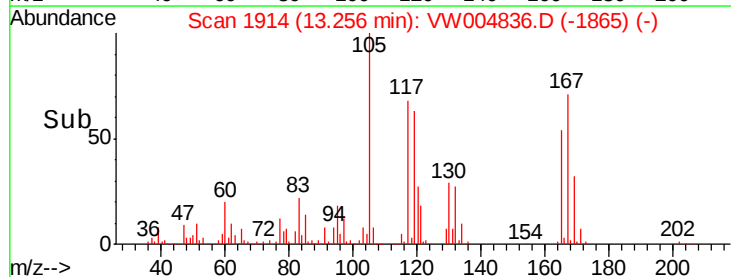
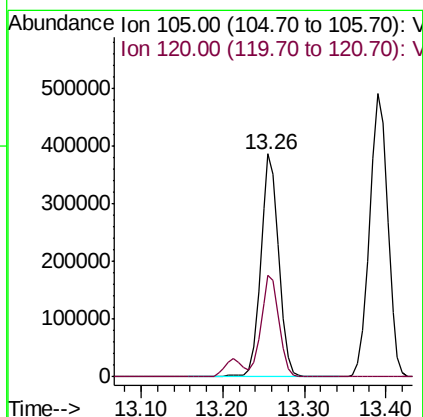
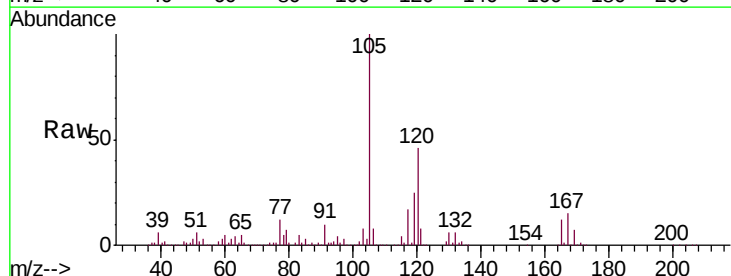
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0821SBSD01

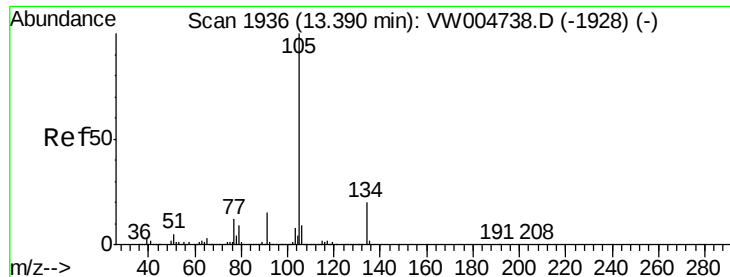
Tgt Ion:119 Resp: 490393
 Ion Ratio Lower Upper
 119 100
 91 64.1 32.6 97.8
 134 26.6 13.1 39.3



#84
 1,2,4-Trimethylbenzene
 Concen: 21.669 ug/l
 RT: 13.26 min Scan# 1914
 Delta R.T. 0.00 min
 Lab File: VW004836.D
 Acq: 21 Aug 2018 13:02

Tgt Ion:105 Resp: 597070
 Ion Ratio Lower Upper
 105 100
 120 45.3 22.8 68.3

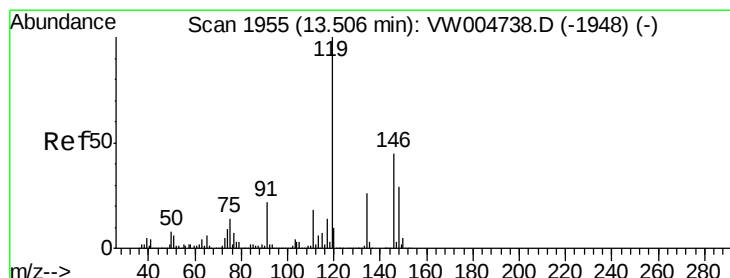
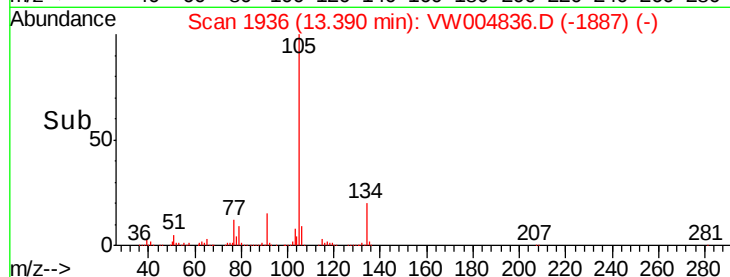
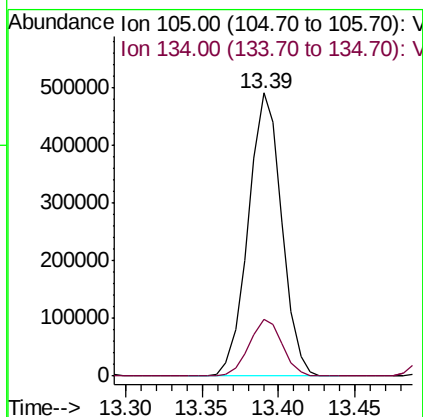
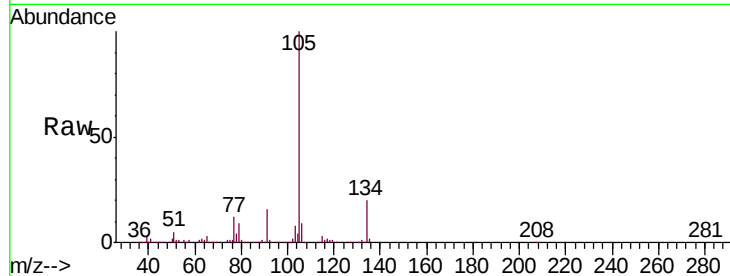




#85
 sec-Butylbenzene
 Concen: 21.759 ug/l
 RT: 13.39 min Scan# 1936
 Delta R.T. 0.00 min
 Lab File: VW004836.D
 Acq: 21 Aug 2018 13:02

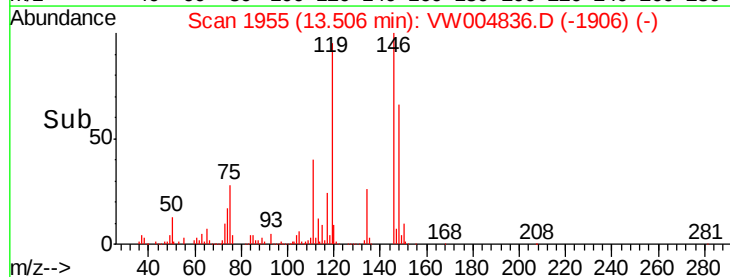
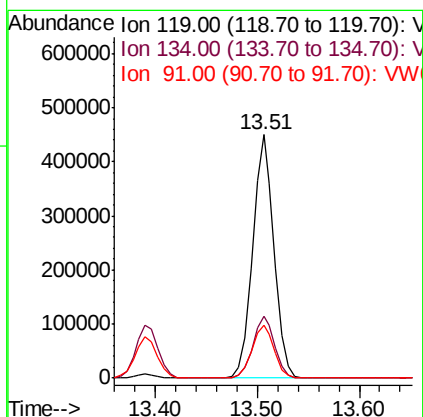
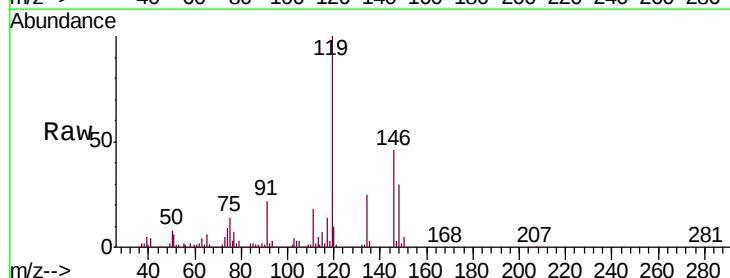
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0821SBSD01

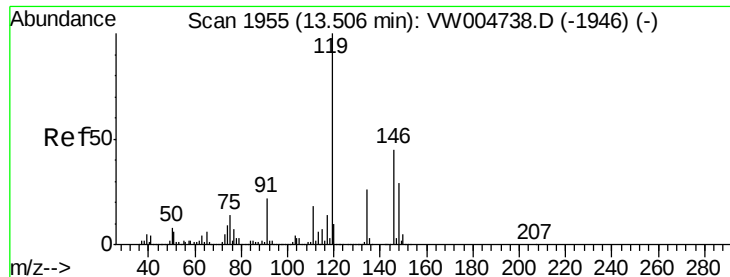
Tgt Ion:105 Resp: 744164
 Ion Ratio Lower Upper
 105 100
 134 20.0 10.0 29.8



#86
 p-Isopropyltoluene
 Concen: 21.908 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. 0.00 min
 Lab File: VW004836.D
 Acq: 21 Aug 2018 13:02

Tgt Ion:119 Resp: 651942
 Ion Ratio Lower Upper
 119 100
 134 26.0 13.1 39.3
 91 22.6 11.2 33.5

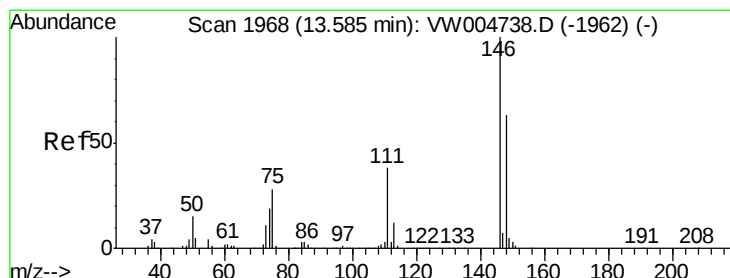
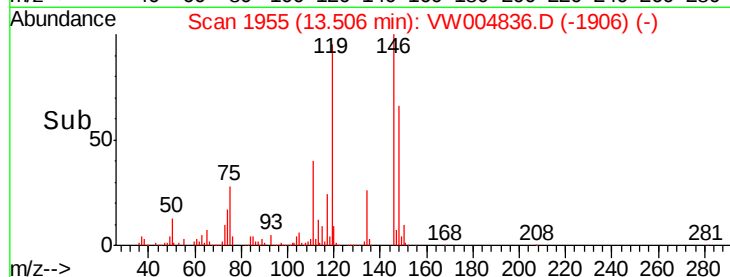
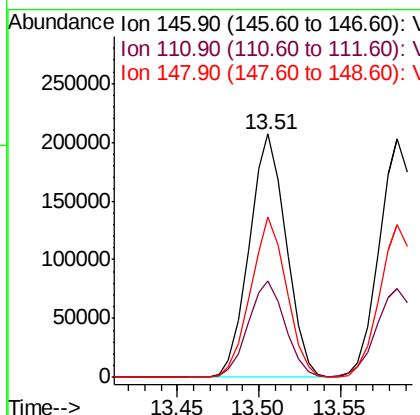
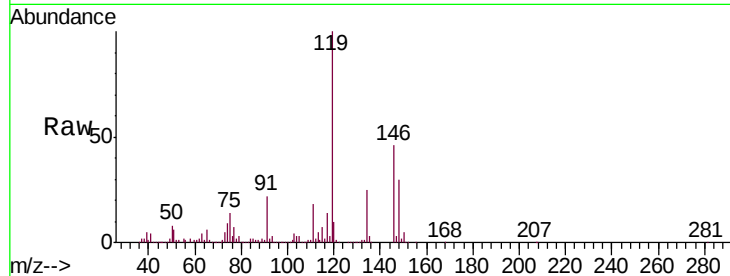




#87
 1,3-Dichlorobenzene
 Concen: 20.986 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. 0.00 min
 Lab File: VW004836.D
 Acq: 21 Aug 2018 13:02

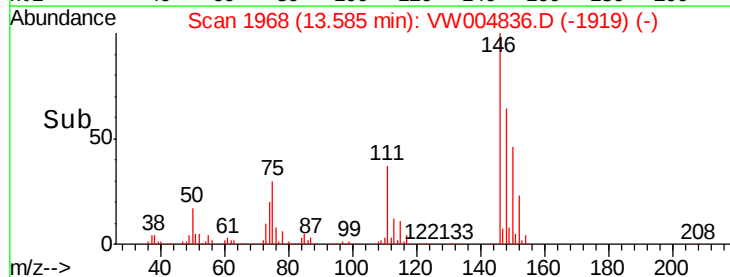
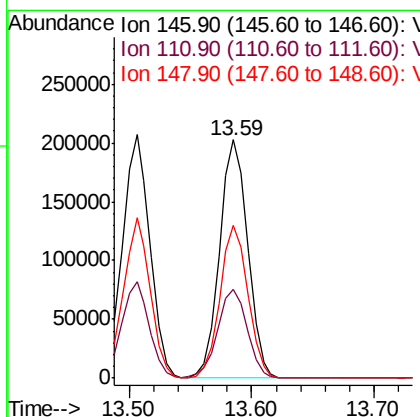
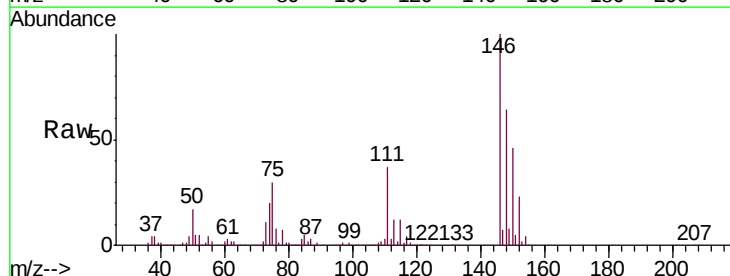
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0821SBSD01

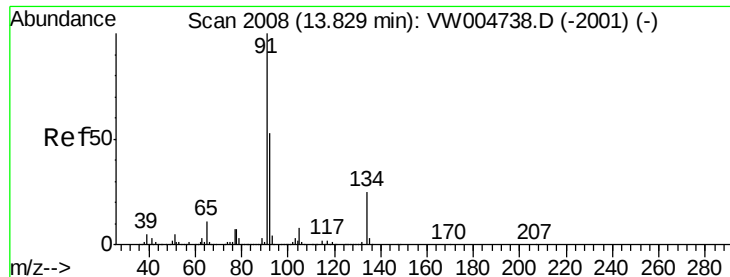
Tgt Ion:146 Resp: 325714
 Ion Ratio Lower Upper
 146 100
 111 39.6 19.8 59.4
 148 64.4 31.9 95.9



#88
 1,4-Dichlorobenzene
 Concen: 20.809 ug/l
 RT: 13.59 min Scan# 1968
 Delta R.T. 0.00 min
 Lab File: VW004836.D
 Acq: 21 Aug 2018 13:02

Tgt Ion:146 Resp: 322840
 Ion Ratio Lower Upper
 146 100
 111 39.3 19.3 57.8
 148 63.9 31.8 95.3





#89

n-Butylbenzene

Concen: 21.382 ug/l

RT: 13.83 min Scan# 2008

Delta R.T. 0.00 min

Lab File: VW004836.D

Acq: 21 Aug 2018 13:02

Instrument :

MSVOA_W

ClientSampled :

VW0821SBS01

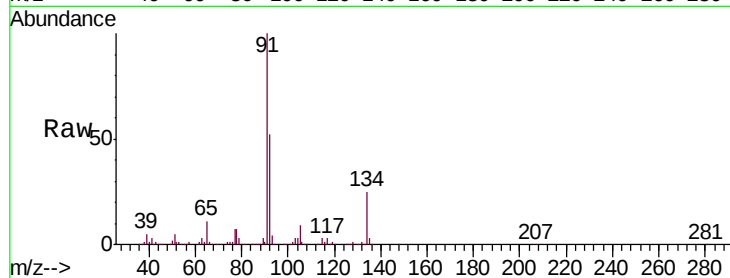
Tgt Ion: 91 Resp: 615184

Ion Ratio Lower Upper

91 100

92 52.5 26.4 79.2

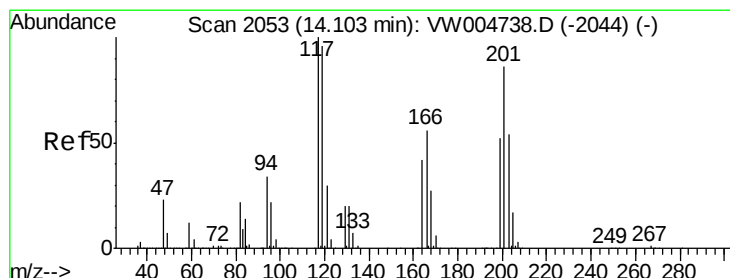
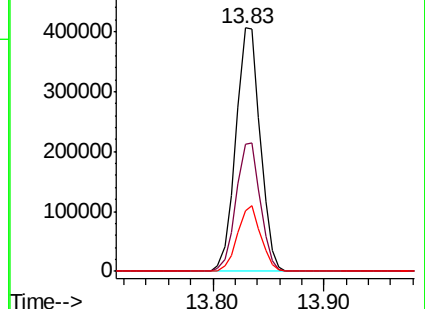
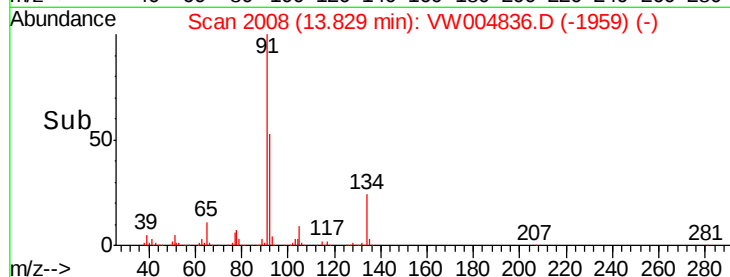
134 25.6 12.8 38.3



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: 20.887 ug/l

RT: 14.10 min Scan# 2052

Delta R.T. -0.01 min

Lab File: VW004836.D

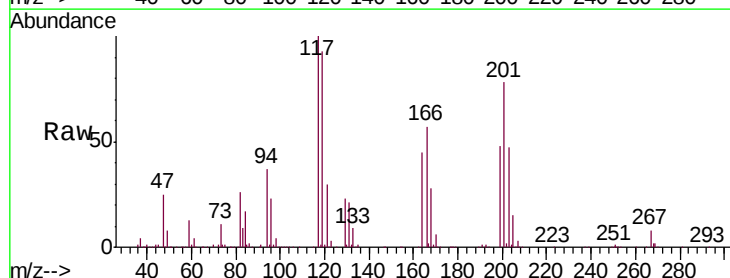
Acq: 21 Aug 2018 13:02

Tgt Ion: 117 Resp: 113292

Ion Ratio Lower Upper

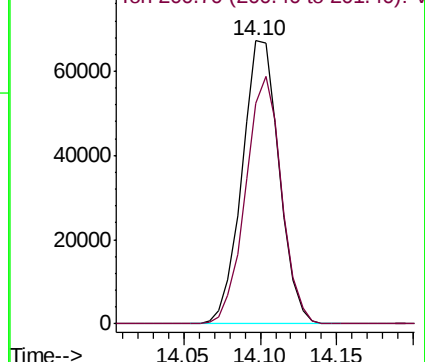
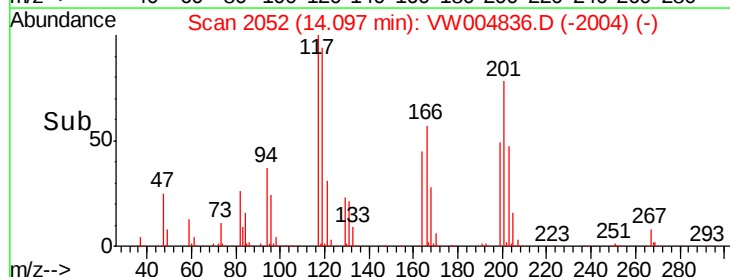
117 100

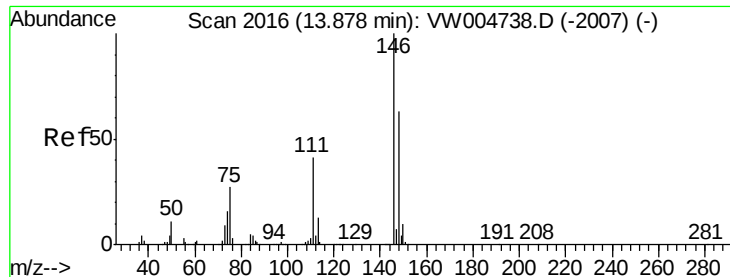
201 84.3 42.4 127.2



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

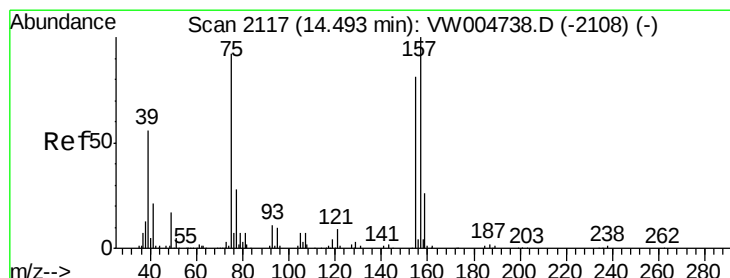
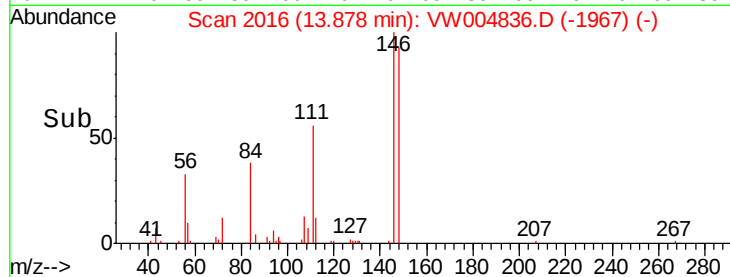
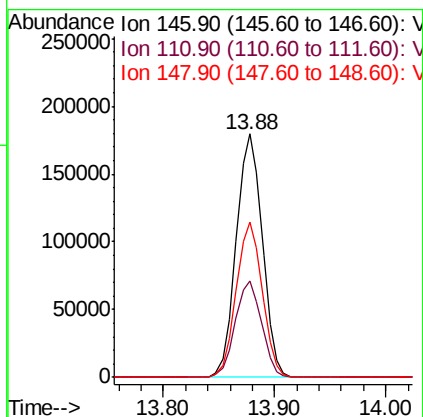
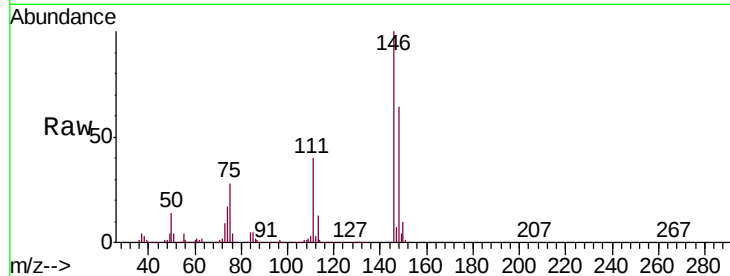




#91
 1,2-Dichlorobenzene
 Concen: 20.869 ug/l
 RT: 13.88 min Scan# 2016
 Delta R.T. 0.00 min
 Lab File: VW004836.D
 Acq: 21 Aug 2018 13:02

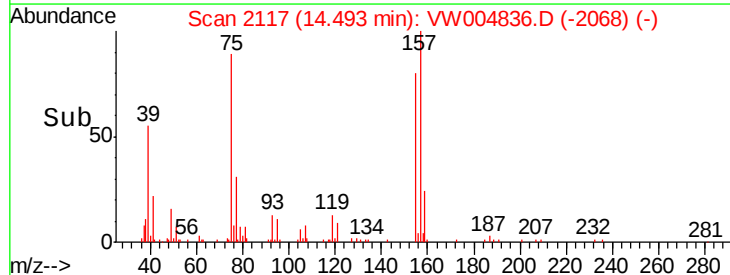
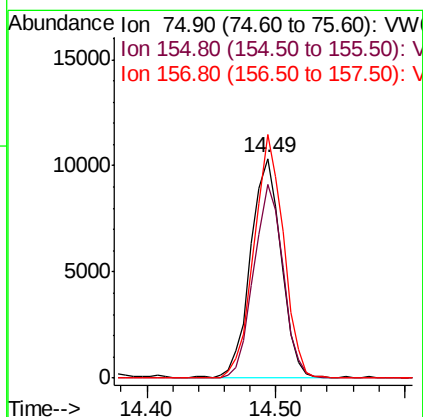
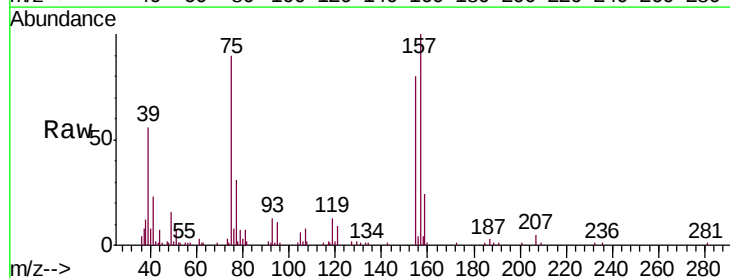
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0821SBSD01

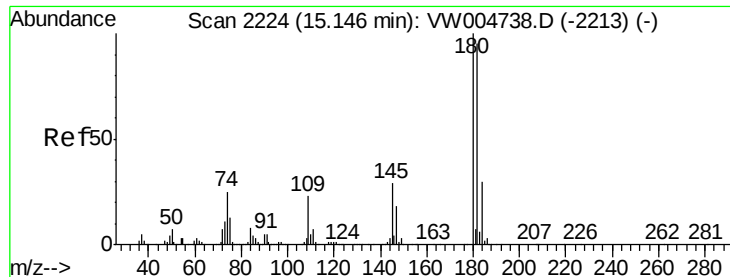
Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.1	20.4	61.3
148	63.8	31.6	95.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.573 ug/l
 RT: 14.49 min Scan# 2117
 Delta R.T. 0.00 min
 Lab File: VW004836.D
 Acq: 21 Aug 2018 13:02

Tgt Ion	Ratio	Lower	Upper
75	100		
155	84.3	43.3	129.9
157	106.6	54.5	163.6

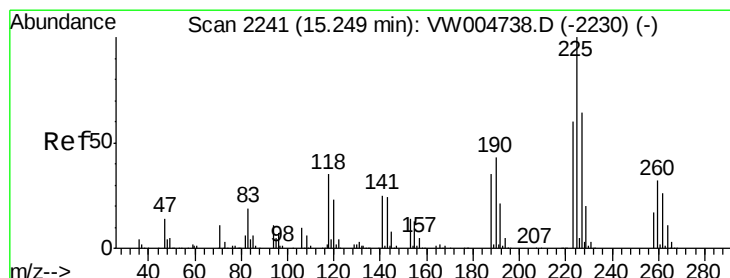
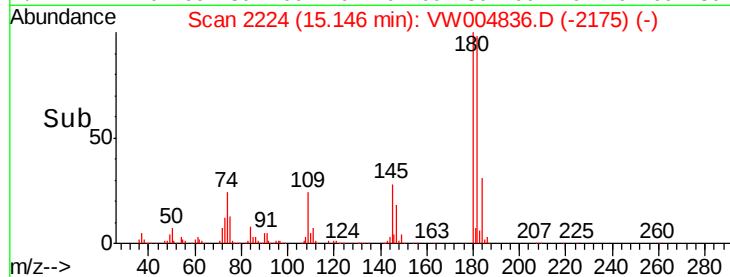
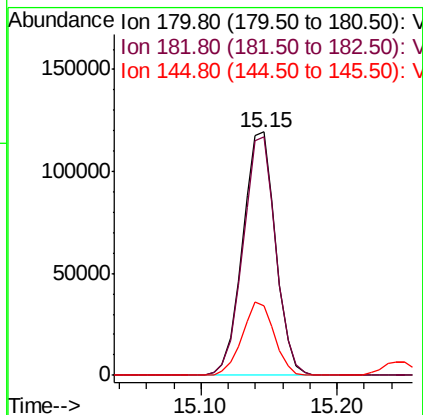
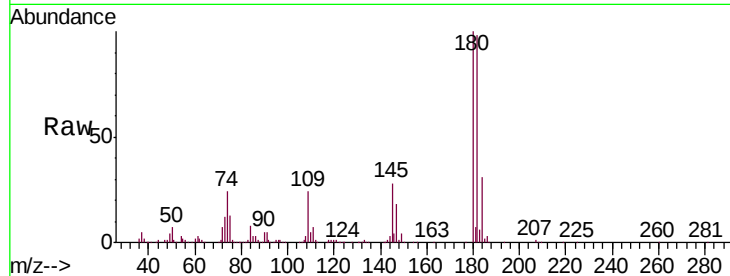




#93
 1,2,4-Trichlorobenzene
 Concen: 20.407 ug/l
 RT: 15.15 min Scan# 2224
 Delta R.T. 0.00 min
 Lab File: VW004836.D
 Acq: 21 Aug 2018 13:02

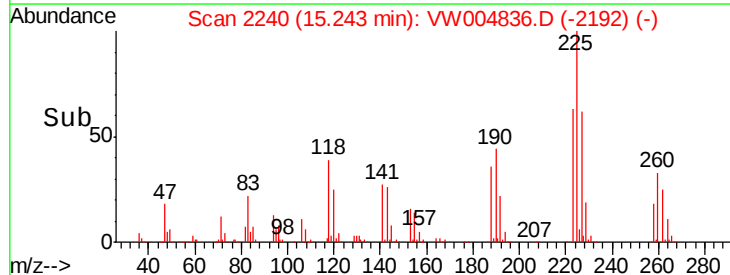
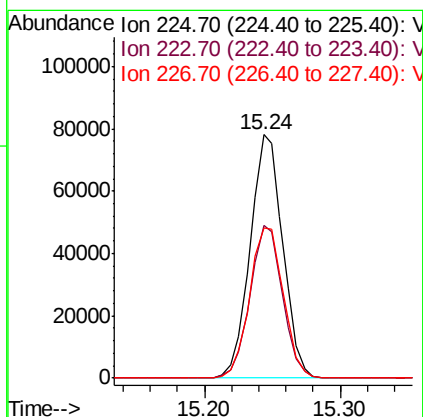
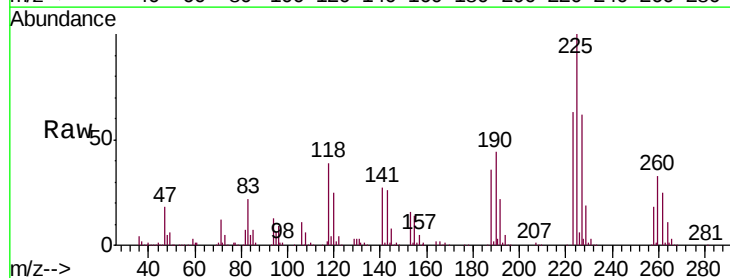
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0821SBSD01

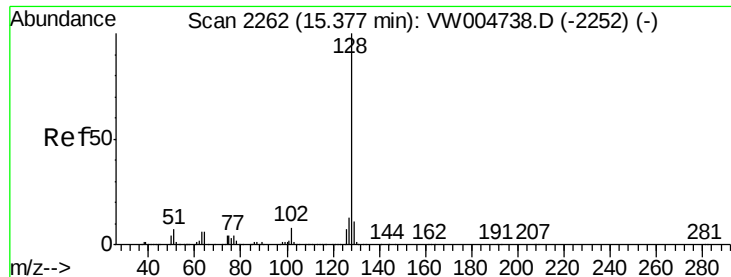
Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.3	47.3	141.8
145	29.4	14.6	43.8



#94
 Hexachlorobutadiene
 Concen: 21.703 ug/l
 RT: 15.24 min Scan# 2240
 Delta R.T. -0.01 min
 Lab File: VW004836.D
 Acq: 21 Aug 2018 13:02

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.3	30.9	92.5
227	63.7	32.0	96.0

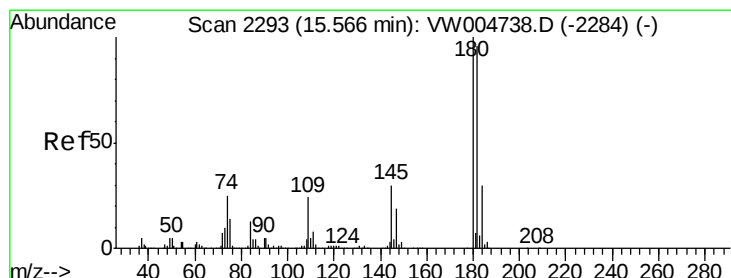
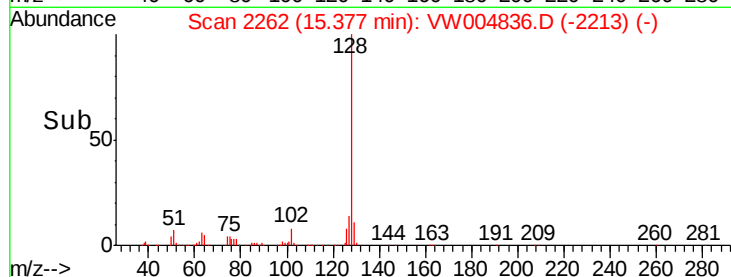
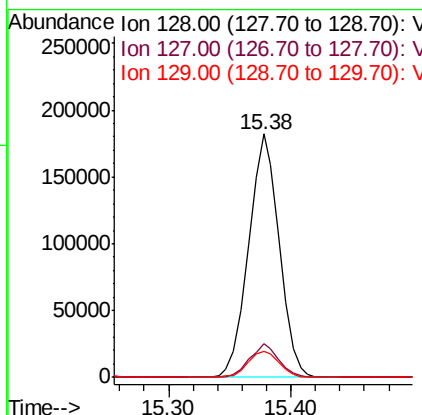
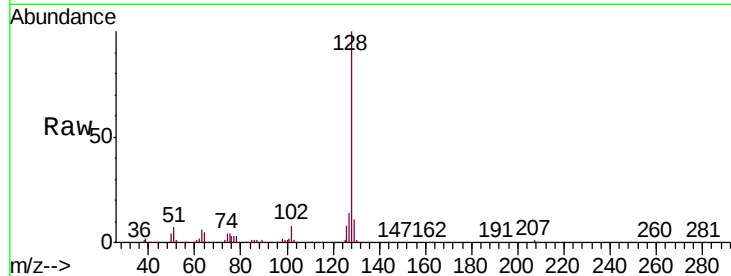




#95
Naphthalene
Concen: 18.892 ug/l
RT: 15.38 min Scan# 2262
Delta R.T. 0.00 min
Lab File: VW004836.D
Acq: 21 Aug 2018 13:02

Instrument :
MSVOA_W
ClientSampleId :
VW0821SBSD01

Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.4	15.6
129	10.9	8.6	13.0



#96
1,2,3-Trichlorobenzene
Concen: 20.421 ug/l
RT: 15.57 min Scan# 2293
Delta R.T. 0.00 min
Lab File: VW004836.D
Acq: 21 Aug 2018 13:02

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.0	47.3	142.0
145	31.8	15.4	46.1

