

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW081918\
 Data File : VW004759.D
 Acq On : 18 Aug 2018 04:22
 Operator : SY/AP
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

apatel
 8/20/2018 9:56:41 AM

Quant Time: Aug 18 06:31:57 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	633106	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	978090	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	921049	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	489576	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	319092	52.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.26%	
35) Dibromofluoromethane	7.88	113	325480	52.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.14%	
50) Toluene-d8	10.33	98	1264570	51.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.64%	
62) 4-Bromofluorobenzene	12.62	95	458622	52.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.48%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	185092	44.14	ug/l	99
3) Chloromethane	2.22	50	274728	50.10	ug/l	98
4) Vinyl Chloride	2.37	62	415094	51.43	ug/l	100
5) Bromomethane	2.78	94	264517	53.07	ug/l	98
6) Chloroethane	2.93	64	259328	53.25	ug/l	99
7) Trichlorofluoromethane	3.26	101	195104	51.31	ug/l	97
8) Diethyl Ether	3.68	74	190630	55.45	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.06	101	334811	51.14	ug/l	99
10) Methyl Iodide	4.26	142	547345	55.05	ug/l	99
11) Tert butyl alcohol	5.21	59	87502	255.88	ug/l	99
12) 1,1-Dichloroethene	4.03	96	338676	51.91	ug/l	98
13) Acrolein	3.89	56	122415	266.76	ug/l	100
14) Allyl chloride	4.66	41	534987	54.03	ug/l	99
15) Acrylonitrile	5.37	53	393714	273.09	ug/l	100
16) Acetone	4.14	43	340991	218.23	ug/l	97
17) Carbon Disulfide	4.37	76	1127953	52.61	ug/l	99
18) Methyl Acetate	4.68	43	182795	54.59	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	486053	57.39	ug/l	96
20) Methylene Chloride	4.91	84	408729	57.98	ug/l	97
21) trans-1,2-Dichloroethene	5.42	96	378889	54.58	ug/l	99
22) Diisopropyl ether	6.31	45	1132019	59.48	ug/l	99
23) Vinyl Acetate	6.26	43	3066463	284.88	ug/l	100
24) 1,1-Dichloroethane	6.21	63	682846	55.22	ug/l	99
25) 2-Butanone	7.18	43	574494	258.05	ug/l	99
26) 2,2-Dichloropropane	7.17	77	337322	47.22	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	416295	55.71	ug/l	100
28) Bromochloromethane	7.51	49	278976	53.57	ug/l	99
29) Tetrahydrofuran	7.54	42	313204	275.89	ug/l	99
30) Chloroform	7.68	83	671733	55.23	ug/l	98
31) Cyclohexane	7.96	56	606379	50.69	ug/l	98
32) 1,1,1-Trichloroethane	7.87	97	517064	53.63	ug/l	100
36) 1,1-Dichloropropene	8.09	75	527652	52.37	ug/l	99
37) Ethyl Acetate	7.26	43	213769	53.22	ug/l	99
38) Carbon Tetrachloride	8.07	117	476098	51.33	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	649801	51.57	ug/l	99
40) Benzene	8.32	78	1568059	53.55	ug/l	99
41) Methacrylonitrile	7.49	41	135560	59.47	ug/l	97
42) 1,2-Dichloroethane	8.40	62	405366	53.98	ug/l	100
43) Isopropyl Acetate	8.43	43	395434	54.81	ug/l	99
44) Trichloroethene	9.10	130	391192	52.63	ug/l	98
45) 1,2-Dichloropropane	9.37	63	390096	54.46	ug/l	100
46) Dibromomethane	9.46	93	190878	53.79	ug/l	99
47) Bromodichloromethane	9.65	83	461393	54.44	ug/l	100
48) Methyl methacrylate	9.44	41	188386	55.65	ug/l	99
49) 1,4-Dioxane	9.48	88	56275	1085.46	ug/l #	83
51) 4-Methyl-2-Pentanone	10.21	43	1339635	274.74	ug/l	99
52) Toluene	10.39	92	953455	54.29	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	449569	52.65	ug/l	99
54) cis-1,3-Dichloropropene	10.08	75	543339	53.38	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	272034	53.93	ug/l	99
56) Ethyl methacrylate	10.65	69	338696	51.31	ug/l	100
57) 1,3-Dichloropropane	10.93	76	472535	54.27	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	787294	282.62	ug/l	99
59) 2-Hexanone	10.98	43	888967	269.07	ug/l	99
60) Dibromochloromethane	11.13	129	306743	54.20	ug/l	100
61) 1,2-Dibromoethane	11.24	107	257452	53.40	ug/l	99
64) Tetrachloroethene	10.87	164	349299	55.49	ug/l	99
65) Chlorobenzene	11.66	112	1042956	52.61	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.74	131	361492	54.01	ug/l	99
67) Ethyl Benzene	11.74	91	1822562	54.23	ug/l	100
68) m/p-Xylenes	11.85	106	1417041	108.38	ug/l	99
69) o-Xylene	12.17	106	670504	55.39	ug/l	99
70) Styrene	12.19	104	1140709	56.10	ug/l	100
71) Bromoform	12.35	173	185611	52.54	ug/l #	98
73) Isopropylbenzene	12.47	105	1828410	54.90	ug/l	99
74) N-amyl acetate	12.28	43	384376	49.33	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	324167	52.54	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	217361m	50.36	ug/l	
77) Bromobenzene	12.75	156	428983	53.21	ug/l	100
78) n-propylbenzene	12.81	91	2210995	54.40	ug/l	100
79) 2-Chlorotoluene	12.90	91	1274085	54.39	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	1569440	55.47	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	90718	48.86	ug/l	99
82) 4-Chlorotoluene	12.99	91	1340636	53.86	ug/l	100
83) tert-Butylbenzene	13.21	119	1327513	54.85	ug/l	100
84) 1,2,4-Trimethylbenzene	13.26	105	1612962	55.41	ug/l	100
85) sec-Butylbenzene	13.39	105	1947213	53.89	ug/l	100
86) p-Isopropyltoluene	13.51	119	1710590	54.41	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	869189	53.00	ug/l	100
88) 1,4-Dichlorobenzene	13.59	146	853986	52.10	ug/l	99
89) n-Butylbenzene	13.83	91	1604631	52.79	ug/l	100
90) Hexachloroethane	14.10	117	305775	53.36	ug/l	98
91) 1,2-Dichlorobenzene	13.88	146	782256	53.11	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	50602	52.48	ug/l	98

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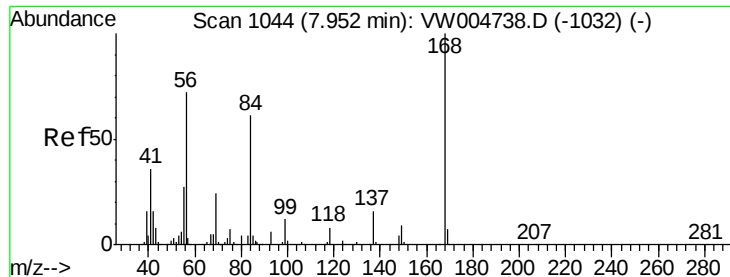
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	547375	52.54	ug/l	99
94) Hexachlorobutadiene	15.24	225	320323	50.10	ug/l	99
95) Naphthalene	15.38	128	1000389	49.59	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	494102	53.49	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. 0.00 min

Lab File: VW004759.D

Acq: 18 Aug 2018 04:22

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 633106

Ion Ratio Lower Upper

168 100

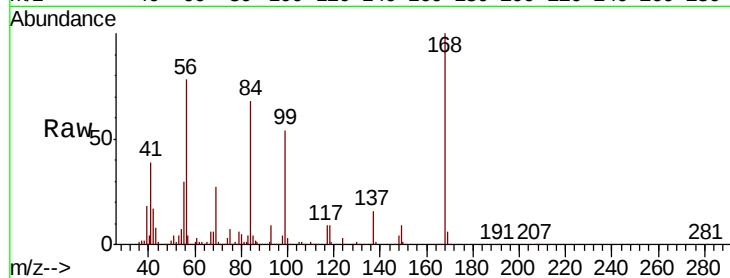
99 54.0 41.0 61.4

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

300000

200000

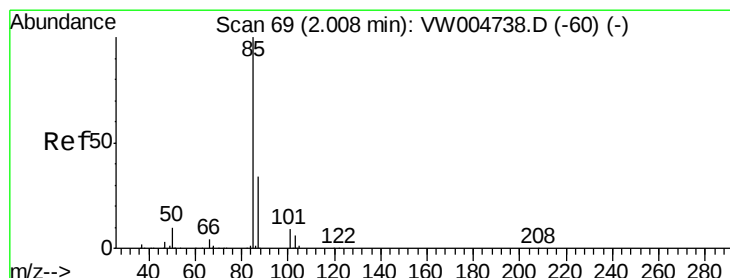
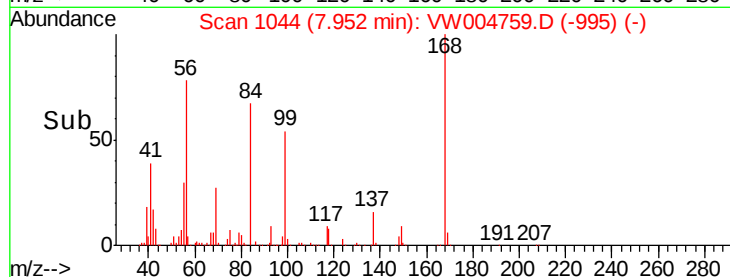
100000

0

7.90

8.00

Time-->



#2

Dichlorodifluoromethane

Concen: 44.14 ug/l

RT: 2.01 min Scan# 69

Delta R.T. 0.00 min

Lab File: VW004759.D

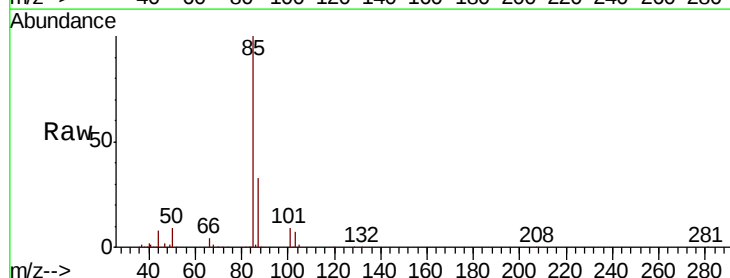
Acq: 18 Aug 2018 04:22

Tgt Ion: 85 Resp: 185092

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

60000

50000

40000

30000

20000

10000

0

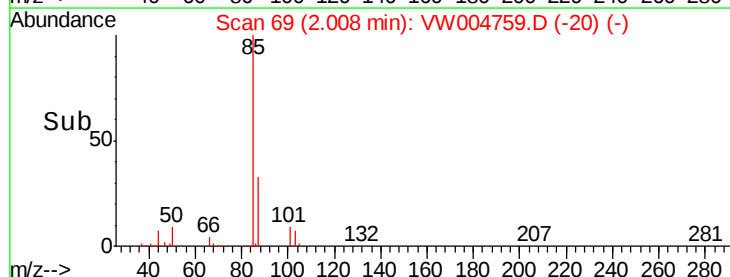
1.90

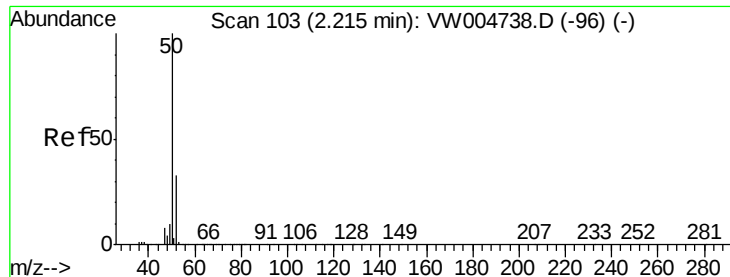
2.00

2.10

2.20

Time-->





#3

Chloromethane

Concen: 50.10 ug/l

RT: 2.22 min Scan# 103

Delta R.T. 0.00 min

Lab File: VW004759.D

Acq: 18 Aug 2018 04:22

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 274728

Ion Ratio Lower Upper

50 100

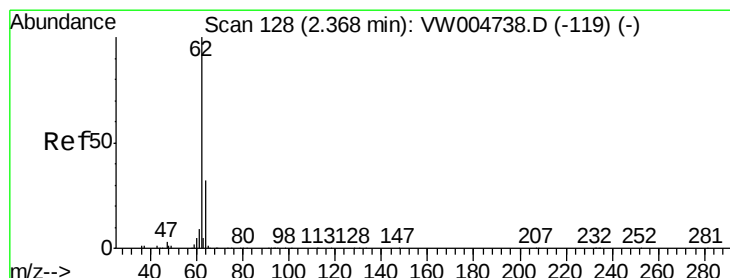
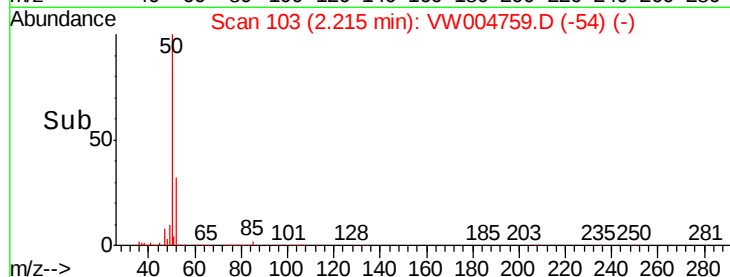
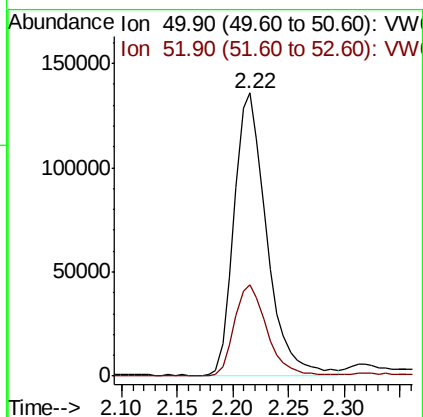
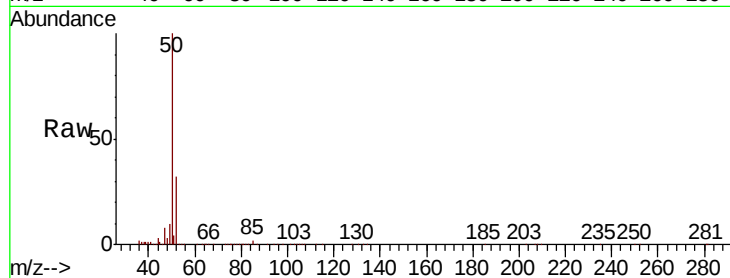
52 32.2 26.7 40.1

Manual Integrations

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#4

Vinyl Chloride

Concen: 51.43 ug/l

RT: 2.37 min Scan# 128

Delta R.T. 0.00 min

Lab File: VW004759.D

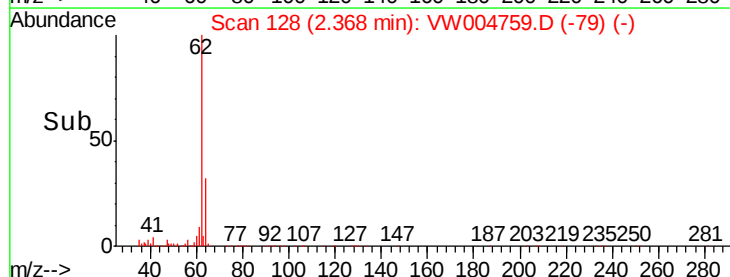
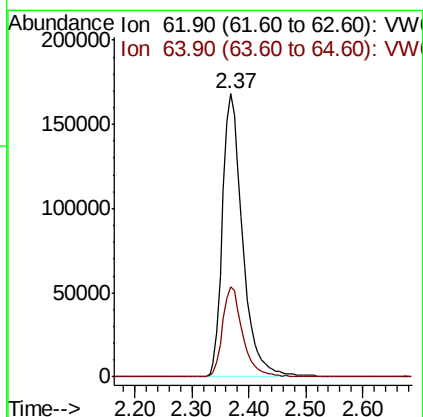
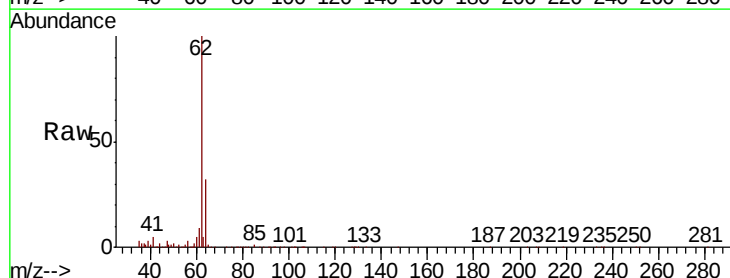
Acq: 18 Aug 2018 04:22

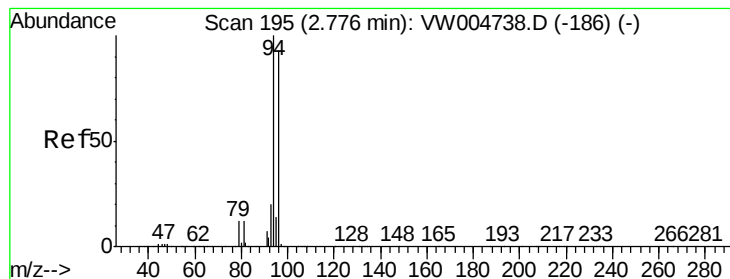
Tgt Ion: 62 Resp: 415094

Ion Ratio Lower Upper

62 100

64 31.7 25.2 37.8





#5

Bromomethane

Concen: 53.07 ug/l

RT: 2.78 min Scan# 196

Delta R.T. 0.01 min

Lab File: VW004759.D

Acq: 18 Aug 2018 04:22

Instrument :

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Tot Ion: 94 Resp: 264517

Ion Ratio Lower Upper

94 100

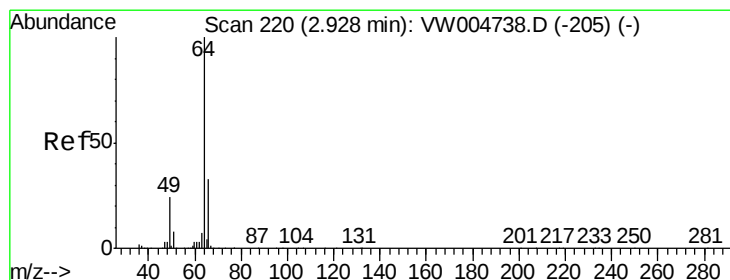
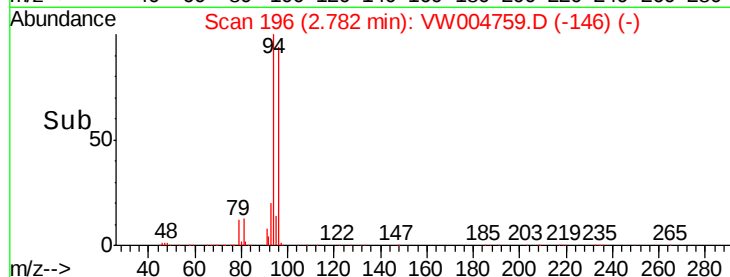
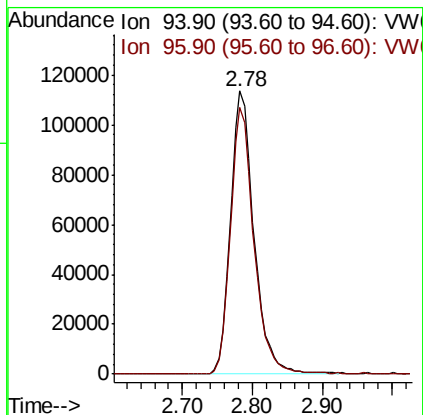
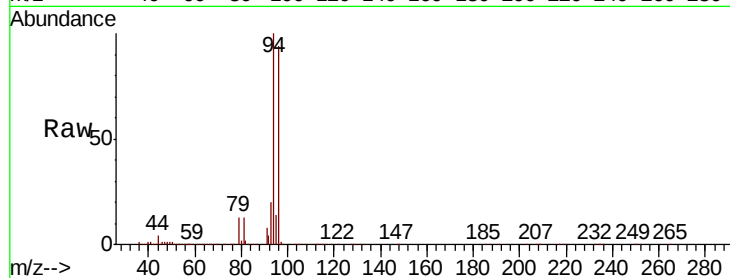
96 94.3 74.3 111.5

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#6

Chloroethane

Concen: 53.25 ug/l

RT: 2.93 min Scan# 220

Delta R.T. 0.00 min

Lab File: VW004759.D

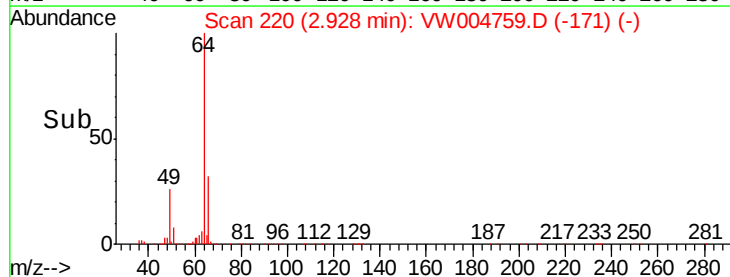
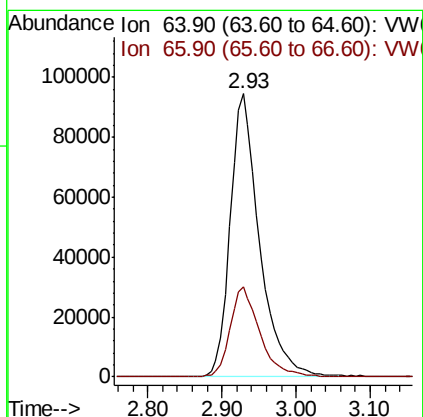
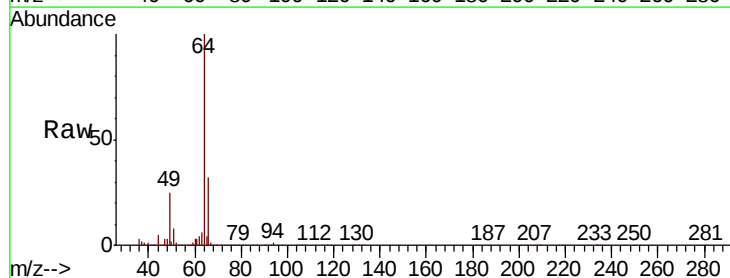
Acq: 18 Aug 2018 04:22

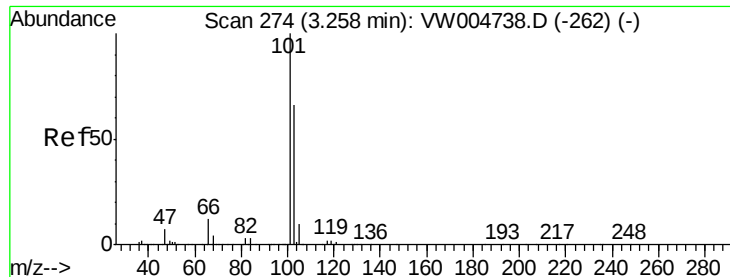
Tgt Ion: 64 Resp: 259328

Ion Ratio Lower Upper

64 100

66 31.9 26.1 39.1





#7

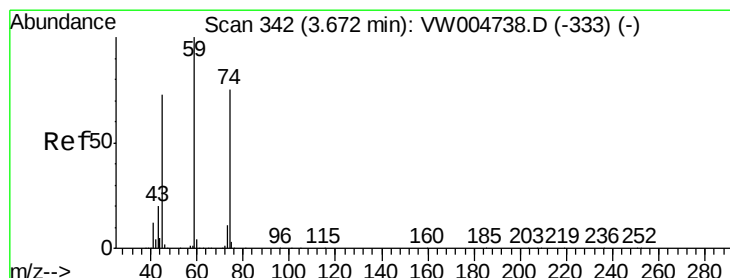
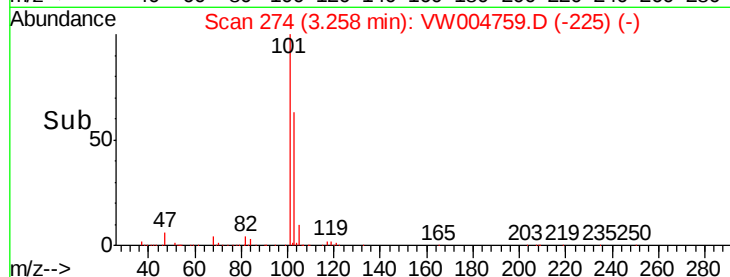
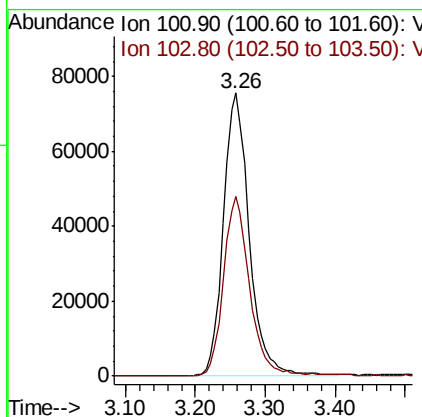
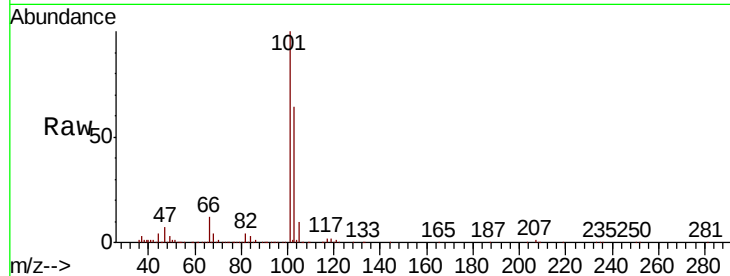
Trichlorofluoromethane
 Concen: 51.31 ug/l
 RT: 3.26 min Scan# 274
 Delta R.T. 0.00 min
 Lab File: VW004759.D
 Acq: 18 Aug 2018 04:22

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Tot Ion	Ratio	Lower	Upper
101	100		
103	63.5	52.5	78.7

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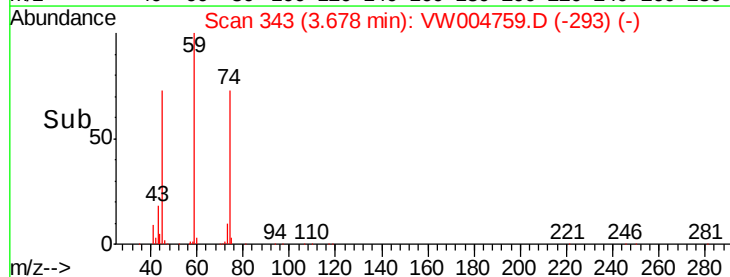
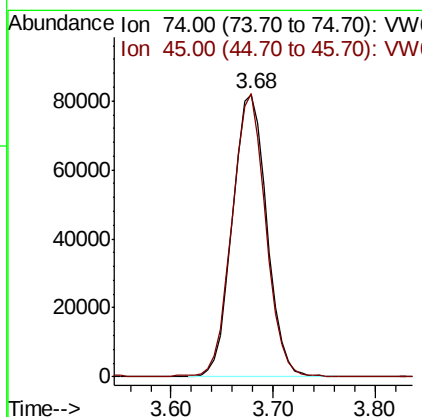
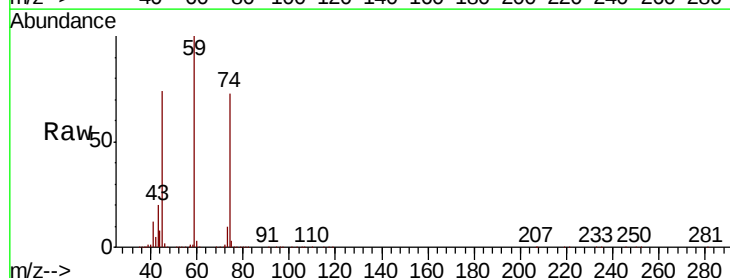
apatel
 8/20/2018 9:56:41 AM

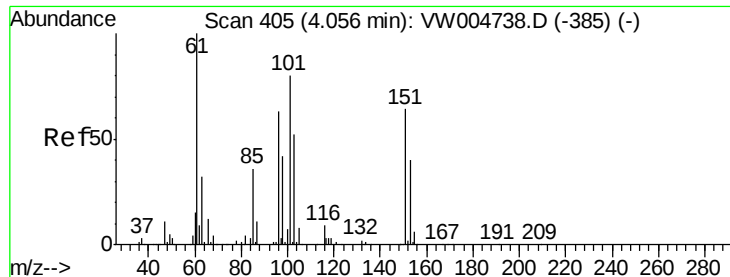


#8

Diethyl Ether
 Concen: 55.45 ug/l
 RT: 3.68 min Scan# 343
 Delta R.T. 0.01 min
 Lab File: VW004759.D
 Acq: 18 Aug 2018 04:22

Tgt Ion	Ratio	Lower	Upper
74	100		
45	97.6	49.8	149.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 51.14 ug/l

RT: 4.06 min Scan# 405

Delta R.T. 0.00 min

Lab File: VW004759.D

Acq: 18 Aug 2018 04:22

Instrument :

MSVOA_W

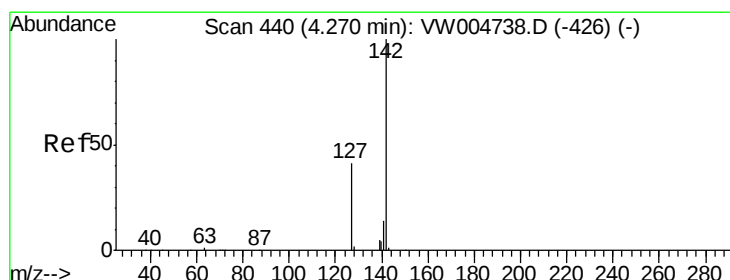
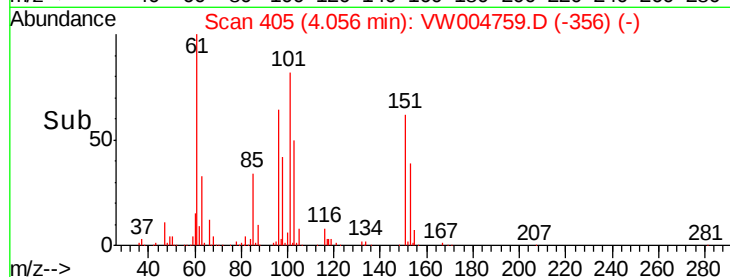
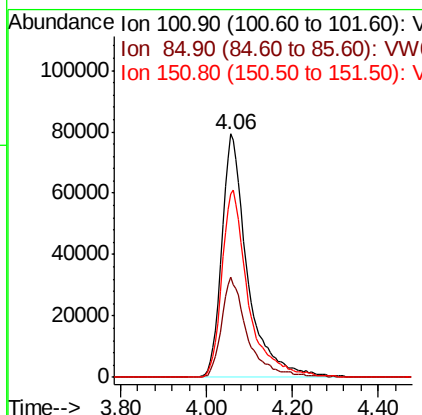
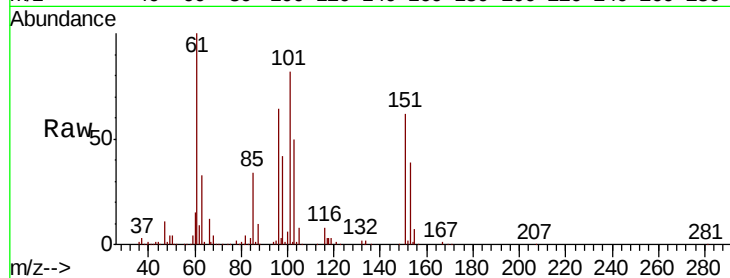
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	334811
Ion Ratio	Lower	Upper	
101	100		
85	41.7	33.9	50.9
151	78.9	63.4	95.2

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#10

Methyl Iodide

Concen: 55.05 ug/l

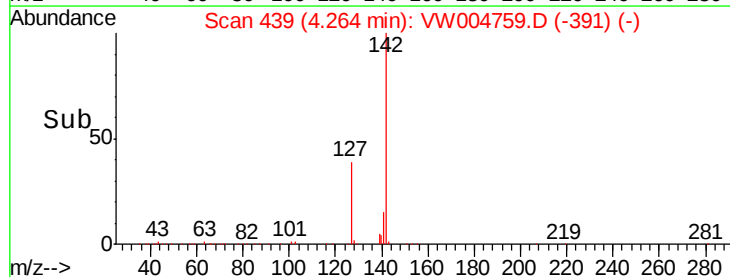
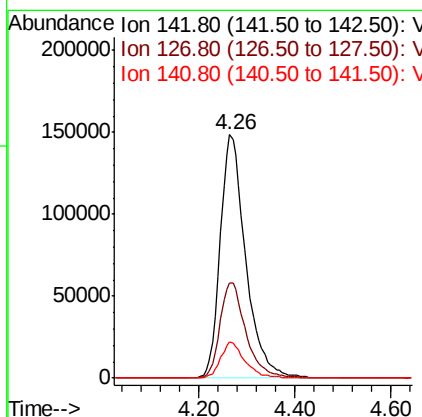
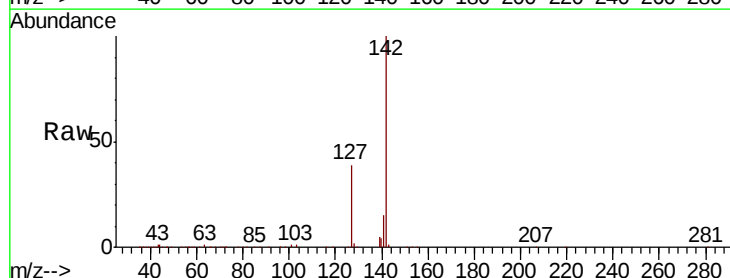
RT: 4.26 min Scan# 439

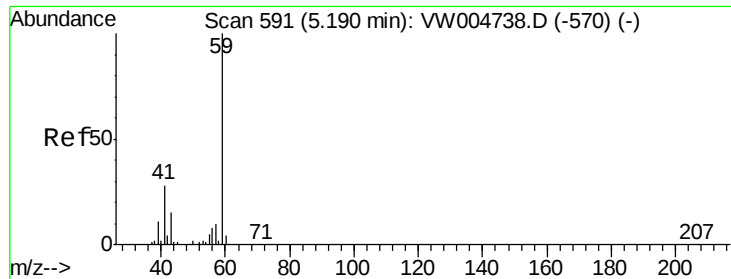
Delta R.T. -0.01 min

Lab File: VW004759.D

Acq: 18 Aug 2018 04:22

Tgt Ion:	142	Resp:	547345
Ion Ratio	Lower	Upper	
142	100		
127	39.9	32.1	48.1
141	14.1	11.7	17.5





#11

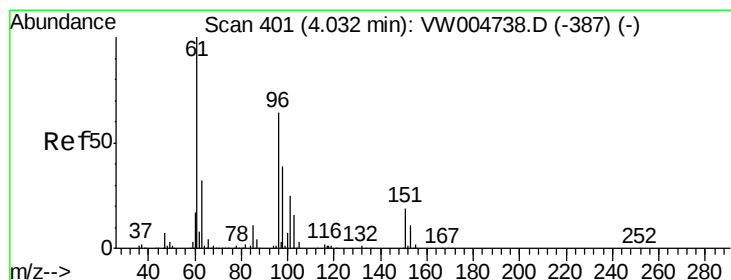
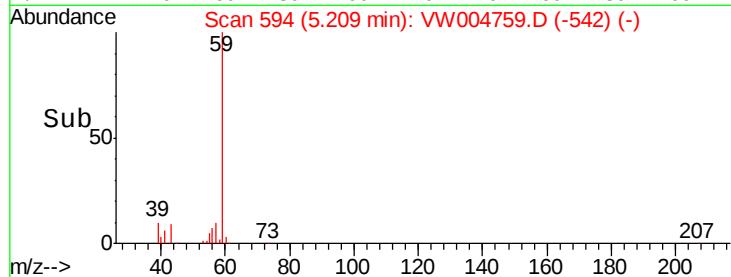
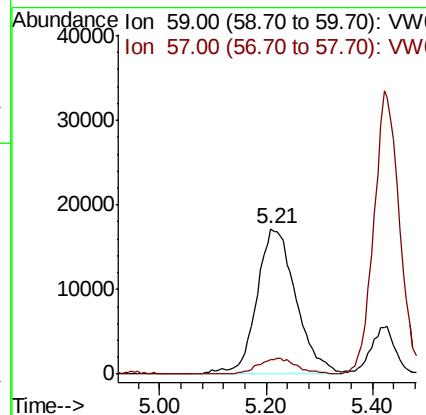
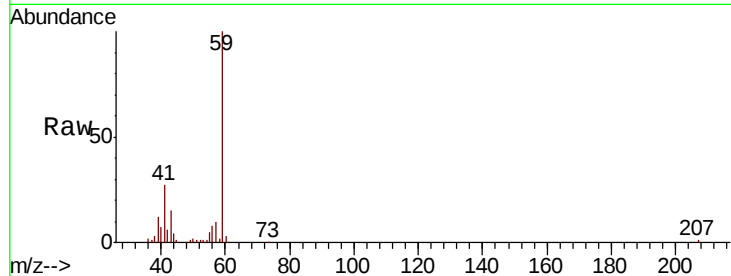
Tert butyl alcohol
Concen: 255.88 ug/l
RT: 5.21 min Scan# 594
Delta R.T. 0.02 min
Lab File: VW004759.D
Acq: 18 Aug 2018 04:22

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	59	Resp	87502
Ion Ratio	100	Lower	Upper
59	100		
57	10.7	8.4	12.6

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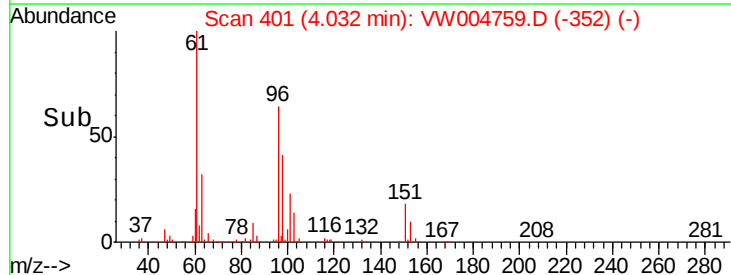
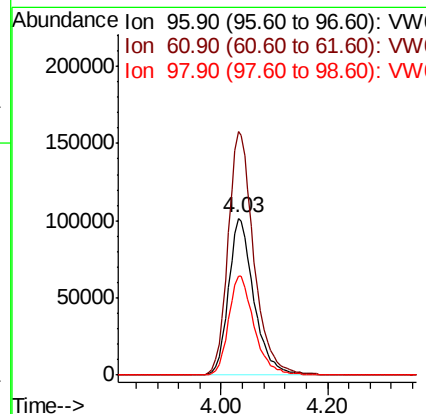
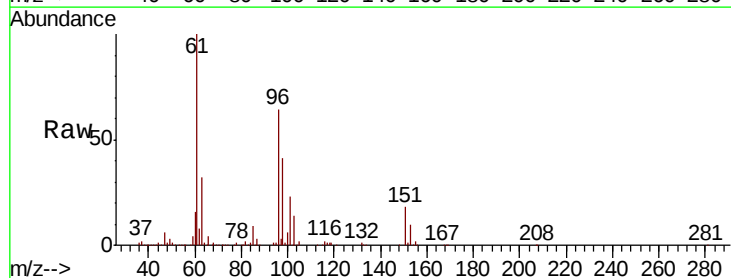
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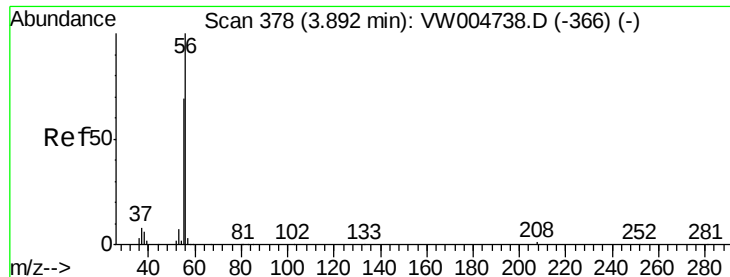


#12

1,1-Dichloroethene
Concen: 51.91 ug/l
RT: 4.03 min Scan# 401
Delta R.T. 0.00 min
Lab File: VW004759.D
Acq: 18 Aug 2018 04:22

Tgt Ion	96	Resp	338676
Ion Ratio	100	Lower	Upper
96	100		
61	155.2	125.6	188.4
98	63.2	49.4	74.0





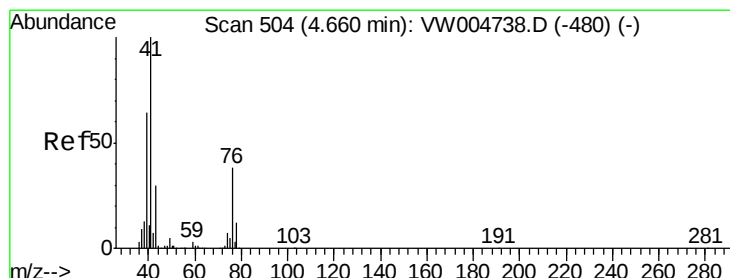
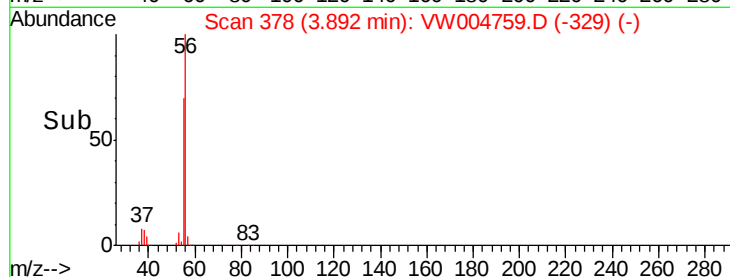
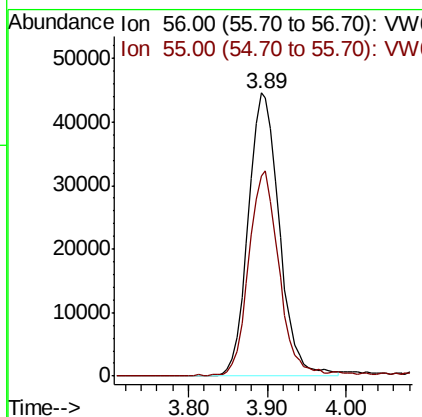
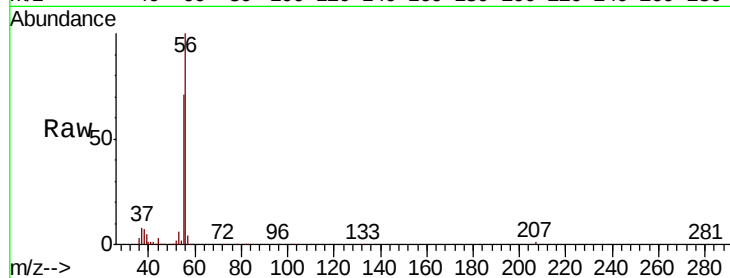
#13
Acrolein
Concen: 266.76 ug/l
RT: 3.89 min Scan# 378
Delta R.T. 0.00 min
Lab File: VW004759.D
Acq: 18 Aug 2018 04:22

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
56	100		
55	70.5	56.1	84.1

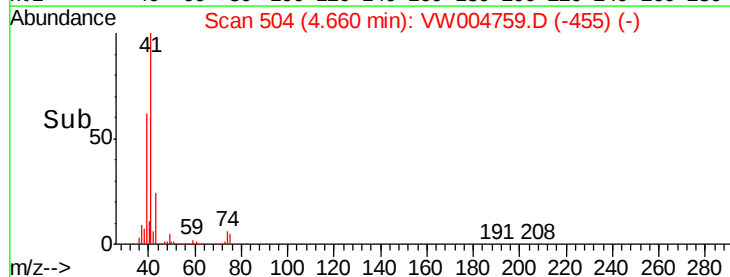
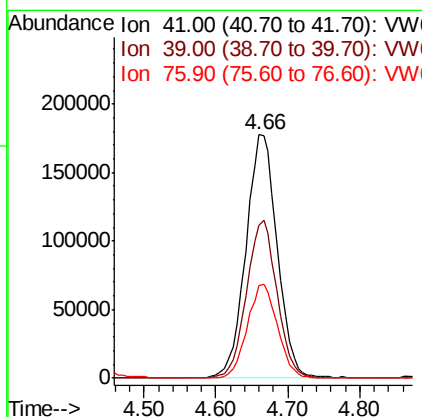
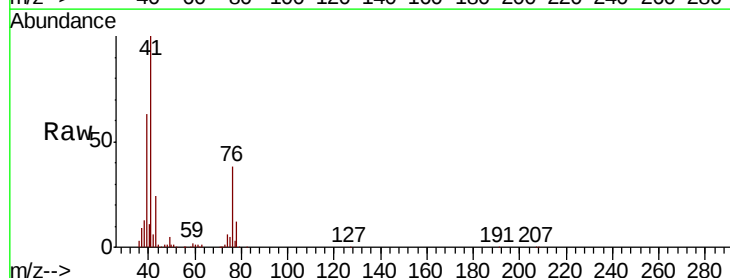
Manual Integrations
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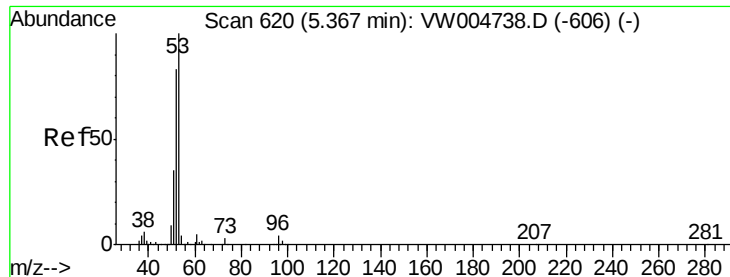
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#14
Allyl chloride
Concen: 54.03 ug/l
RT: 4.66 min Scan# 504
Delta R.T. 0.00 min
Lab File: VW004759.D
Acq: 18 Aug 2018 04:22

Tgt Ion	Ratio	Lower	Upper
41	100		
39	63.2	50.0	75.0
76	37.4	29.8	44.6





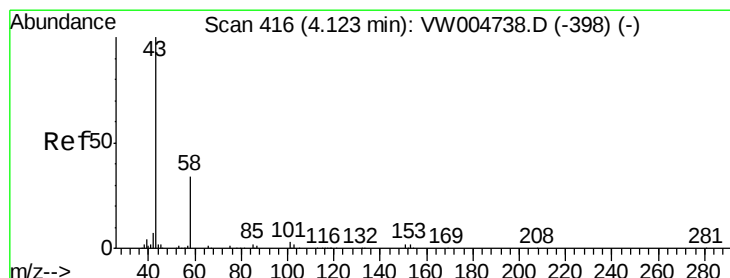
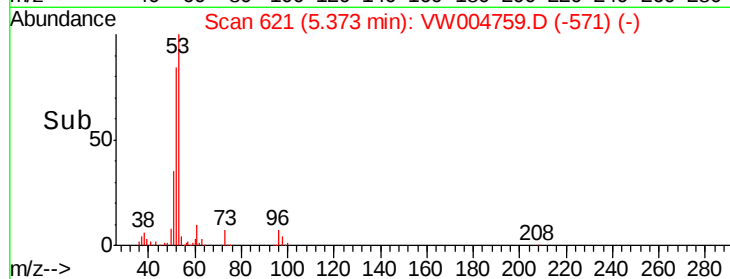
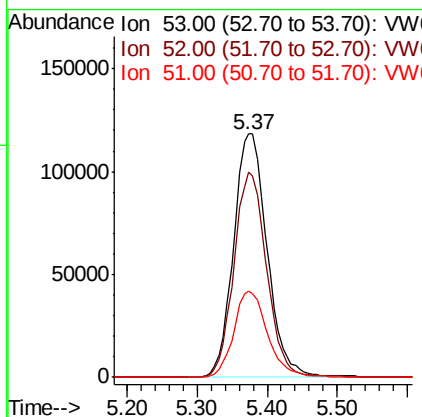
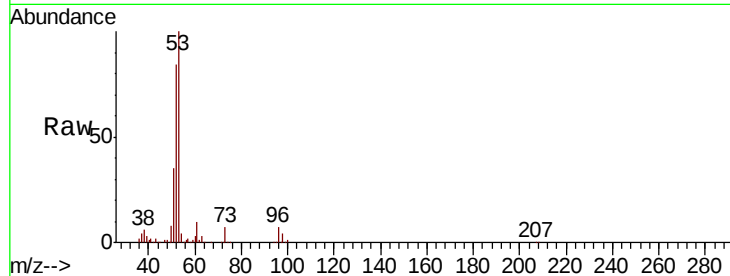
#15
 Acrylonitrile
 Concen: 273.09 ug/l
 RT: 5.37 min Scan# 621
 Delta R.T. 0.01 min
 Lab File: VW004759.D
 Acq: 18 Aug 2018 04:22

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion:	53	Resp:	393714
Ion	Ratio	Lower	Upper
53	100		
52	82.5	65.8	98.6
51	35.9	28.7	43.1

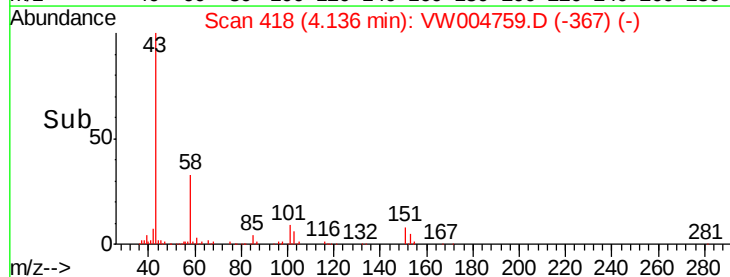
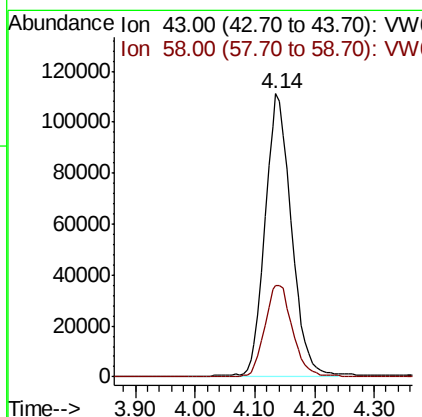
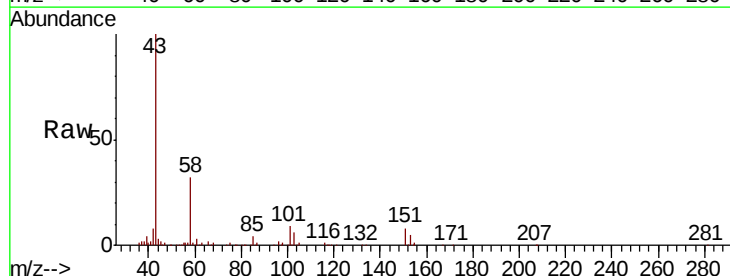
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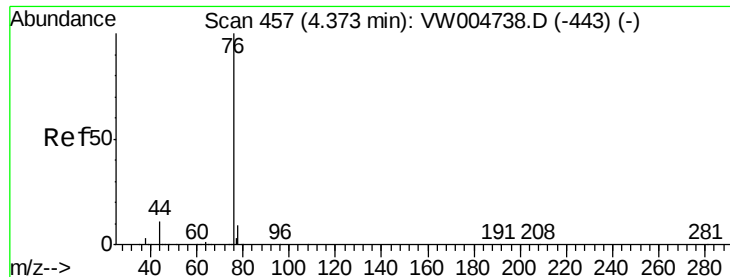
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#16
 Acetone
 Concen: 218.23 ug/l
 RT: 4.14 min Scan# 418
 Delta R.T. 0.01 min
 Lab File: VW004759.D
 Acq: 18 Aug 2018 04:22

Tgt Ion:	43	Resp:	340991
Ion	Ratio	Lower	Upper
43	100		
58	32.2	27.3	40.9





#17

Carbon Disulfide

Concen: 52.61 ug/l

RT: 4.37 min Scan# 457

Delta R.T. 0.00 min

Lab File: VW004759.D

Acq: 18 Aug 2018 04:22

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 1127953

Ion Ratio Lower Upper

76 100

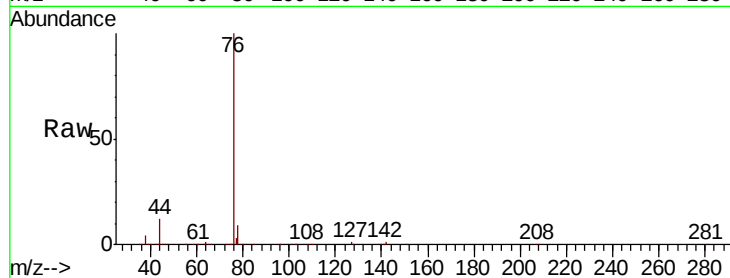
78 9.1 7.4 11.2

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Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW

4.37

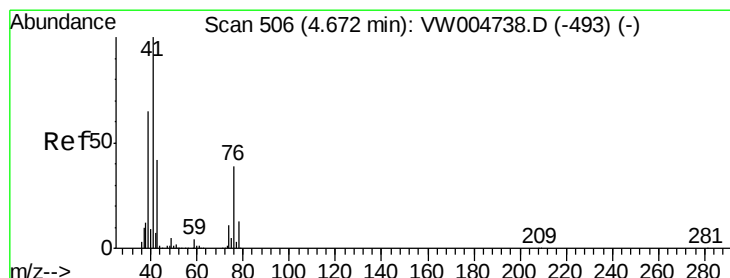
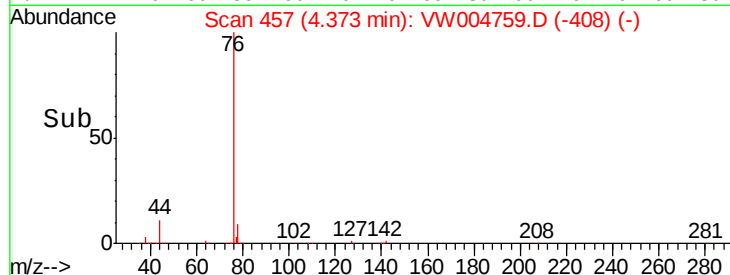
300000

200000

100000

0

Time-->



#18

Methyl Acetate

Concen: 54.59 ug/l

RT: 4.68 min Scan# 507

Delta R.T. 0.01 min

Lab File: VW004759.D

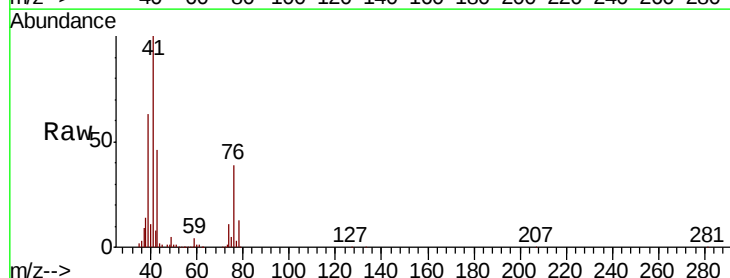
Acq: 18 Aug 2018 04:22

Tgt Ion: 43 Resp: 182795

Ion Ratio Lower Upper

43 100

74 24.5 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

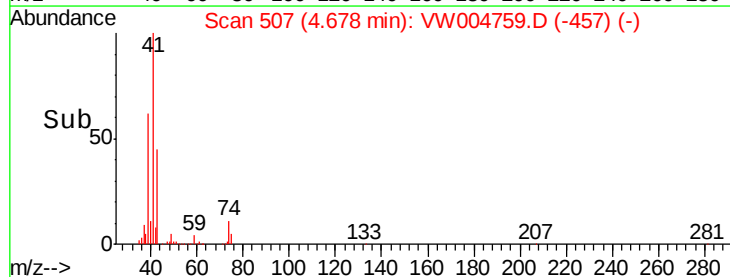
60000

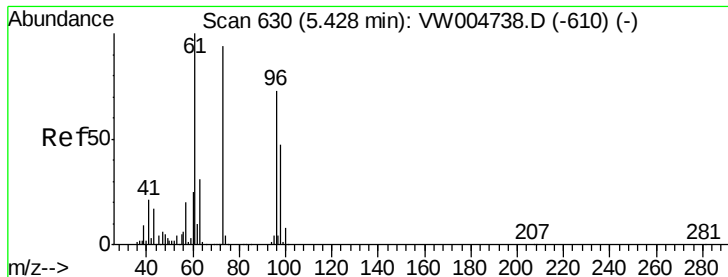
40000

20000

0

Time-->





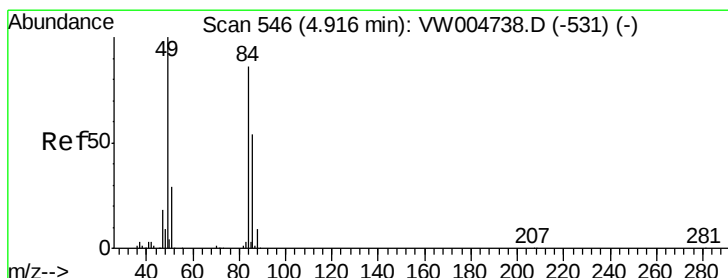
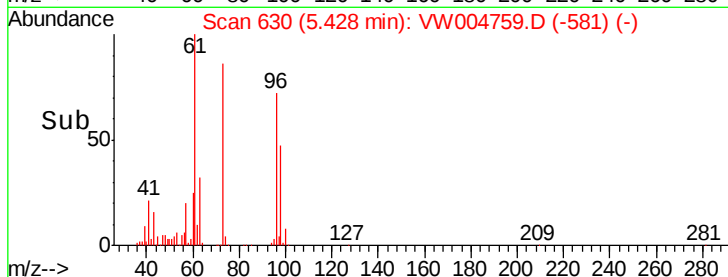
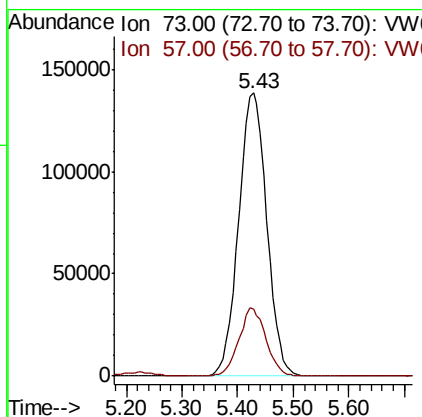
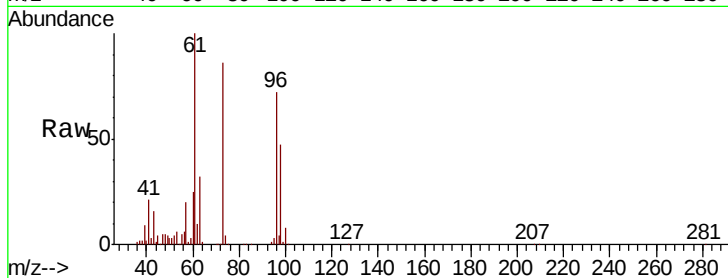
#19
Methvl tert-butvl Ether
Concen: 57.39 ug/l
RT: 5.43 min Scan# 630
Delta R.T. 0.00 min
Lab File: VW004759.D
Acq: 18 Aug 2018 04:22

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion: 73 Resp: 486053
Ion Ratio Lower Upper
73 100
57 23.7 17.3 25.9

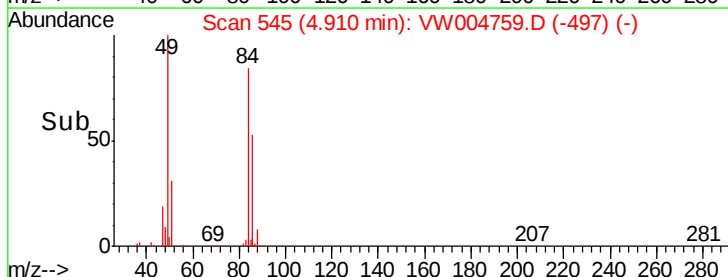
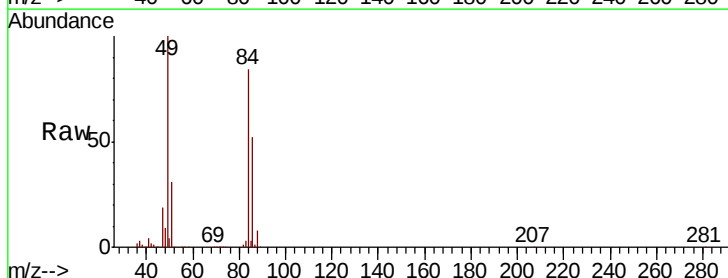
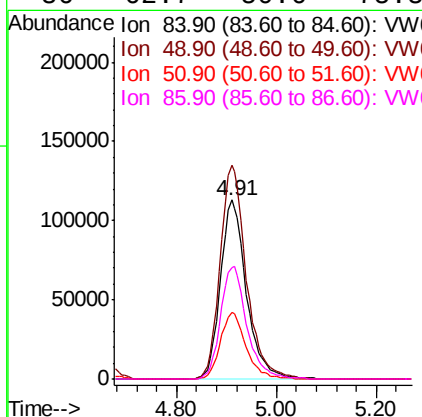
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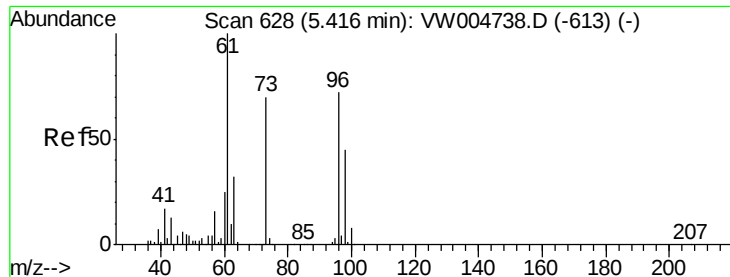
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#20
Methylene Chloride
Concen: 57.98 ug/l
RT: 4.91 min Scan# 545
Delta R.T. -0.01 min
Lab File: VW004759.D
Acq: 18 Aug 2018 04:22

Tgt Ion: 84 Resp: 408729
Ion Ratio Lower Upper
84 100
49 119.5 93.2 139.8
51 37.2 27.4 41.0
86 62.7 50.6 75.8





#21

trans-1,2-Dichloroethene

Concen: 54.58 ug/l

RT: 5.42 min Scan# 629

Delta R.T. 0.01 min

Lab File: VW004759.D

Acq: 18 Aug 2018 04:22

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 96 Resp: 378889

Ion Ratio Lower Upper

96 100

61 140.4 111.4 167.0

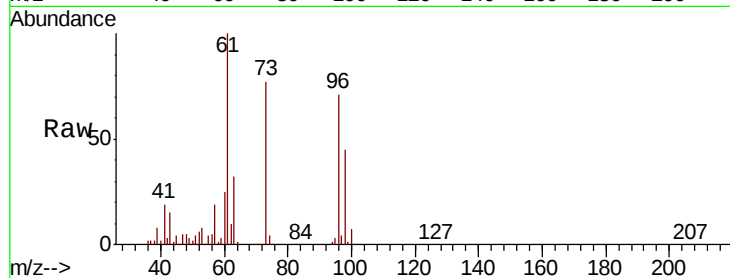
98 63.8 49.7 74.5

Manual Integrations

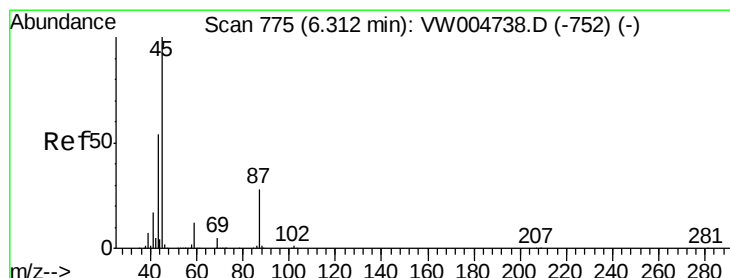
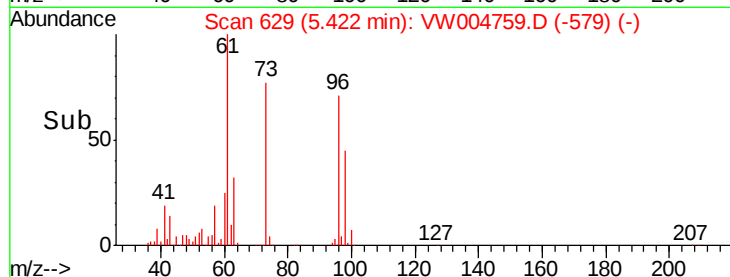
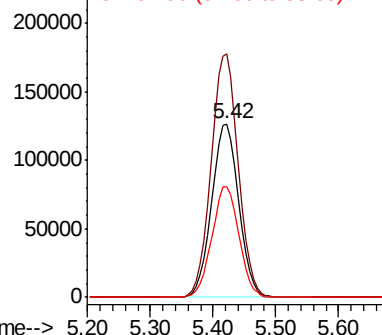
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Abundance Ion 95.90 (95.60 to 96.60): VW
Ion 60.90 (60.60 to 61.60): VW
Ion 97.90 (97.60 to 98.60): VW



#22

Diisopropyl ether

Concen: 59.48 ug/l

RT: 6.31 min Scan# 775

Delta R.T. 0.00 min

Lab File: VW004759.D

Acq: 18 Aug 2018 04:22

Tgt Ion: 45 Resp: 1132019

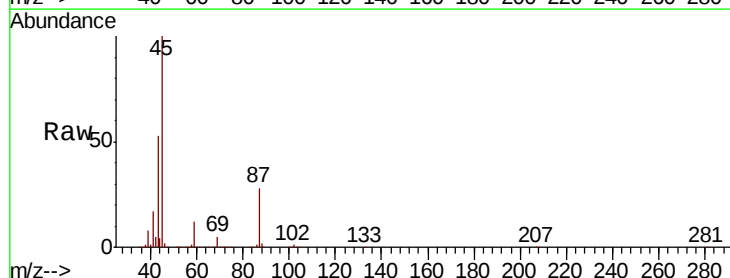
Ion Ratio Lower Upper

45 100

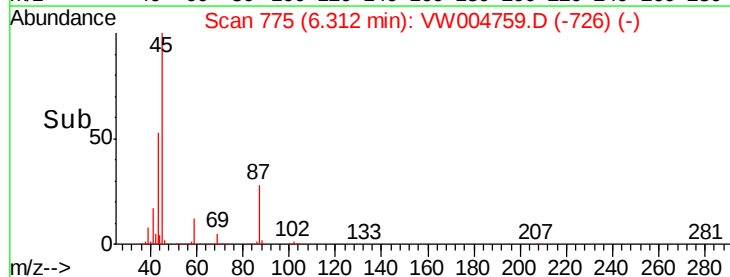
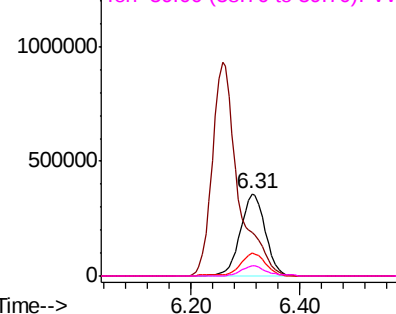
43 52.5 43.0 64.6

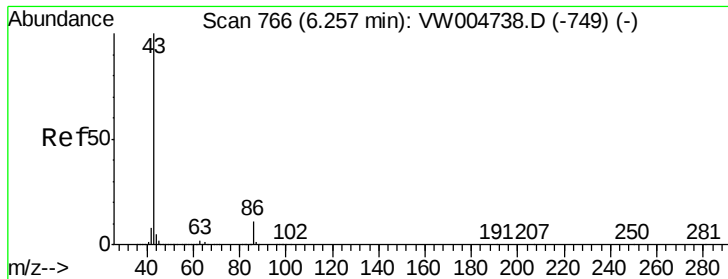
87 27.7 22.2 33.4

59 11.9 9.8 14.6



Abundance Ion 45.00 (44.70 to 45.70): VW
Ion 43.00 (42.70 to 43.70): VW
Ion 87.00 (86.70 to 87.70): VW
Ion 59.00 (58.70 to 59.70): VW





#23

Vinyl Acetate

Concen: 284.88 ug/l

RT: 6.26 min Scan# 766

Delta R.T. 0.00 min

Lab File: VW004759.D

Acq: 18 Aug 2018 04:22

Tot Ion: 43 Resp: 3066463

Ion Ratio Lower Upper

43 100

86 10.7 8.5 12.7

Instrument :

MSVOA_W

ClientSampled :

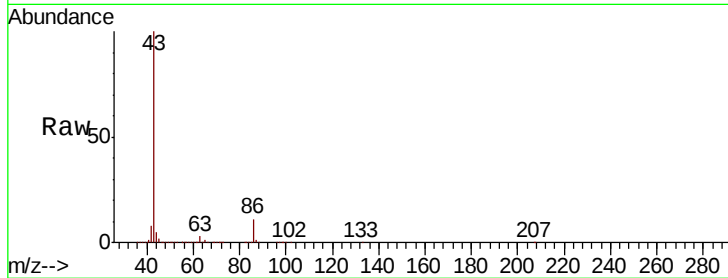
VSTDCCC050

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Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW

6.26

1000000

800000

600000

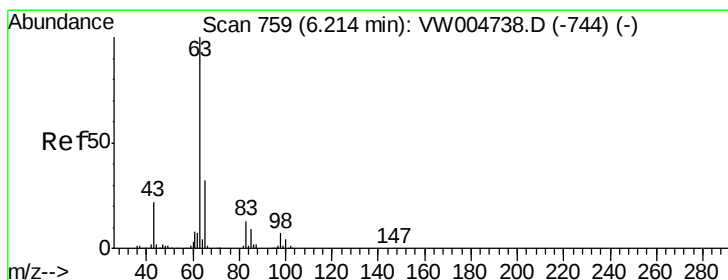
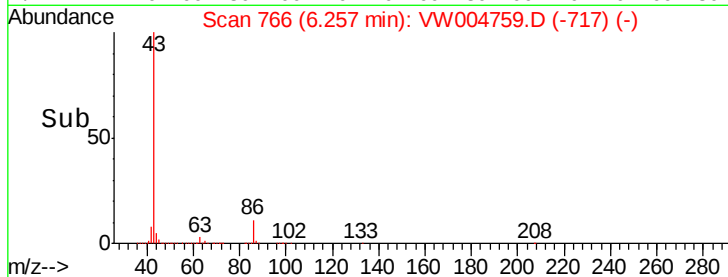
400000

200000

0

6.20 6.40

Time-->



#24

1,1-Dichloroethane

Concen: 55.22 ug/l

RT: 6.21 min Scan# 759

Delta R.T. 0.00 min

Lab File: VW004759.D

Acq: 18 Aug 2018 04:22

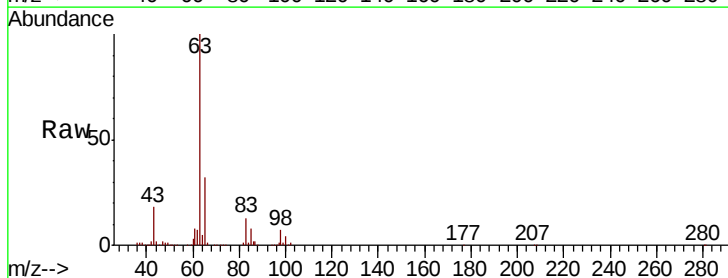
Tgt Ion: 63 Resp: 682846

Ion Ratio Lower Upper

63 100

98 6.6 3.5 10.4

100 4.1 2.1 6.3



Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW

300000

250000

200000

150000

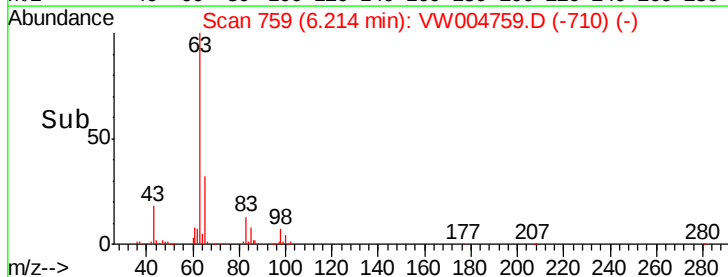
100000

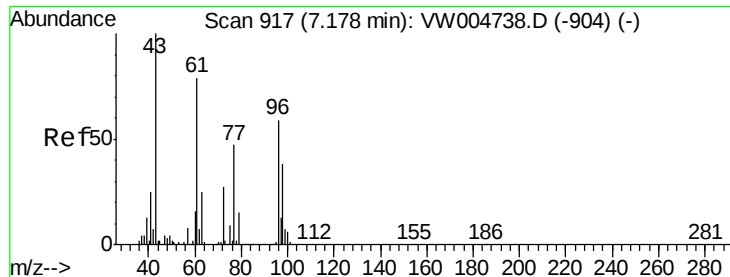
50000

0

6.10 6.20 6.30

Time-->





#25

2-Butanone

Concen: 258.05 ug/l

RT: 7.18 min Scan# 918

Delta R.T. 0.01 min

Lab File: VW004759.D

Acq: 18 Aug 2018 04:22

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 574494

Ion Ratio Lower Upper

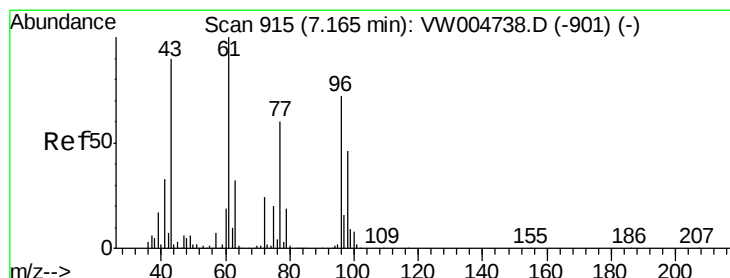
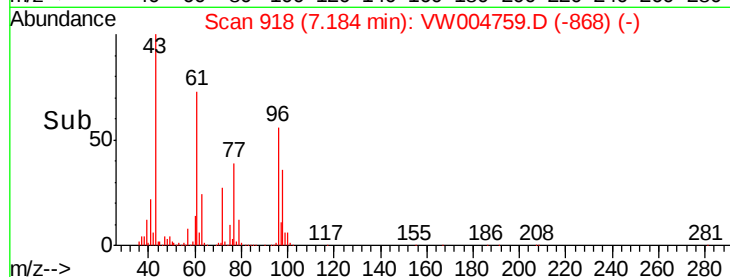
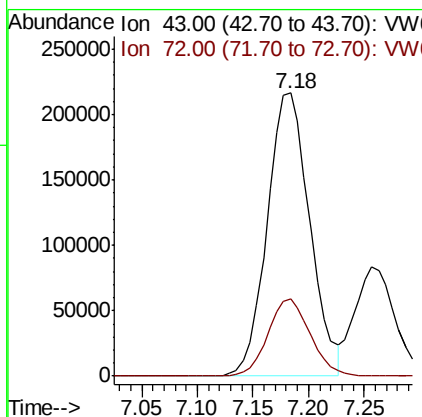
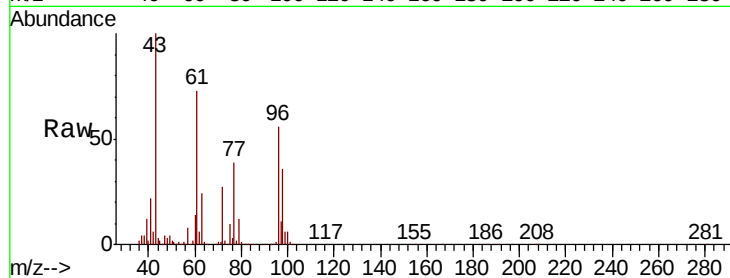
43 100

72 27.2 22.0 33.0

Manual Integrations
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#26

2,2-Dichloropropane

Concen: 47.22 ug/l

RT: 7.17 min Scan# 916

Delta R.T. 0.01 min

Lab File: VW004759.D

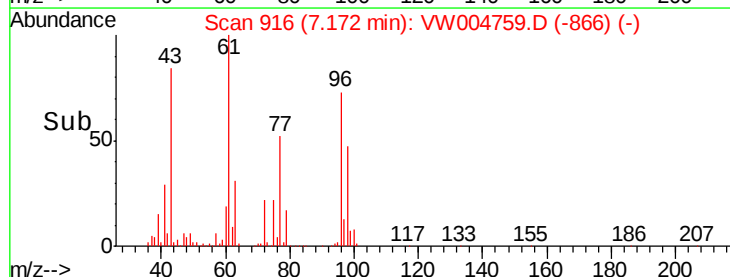
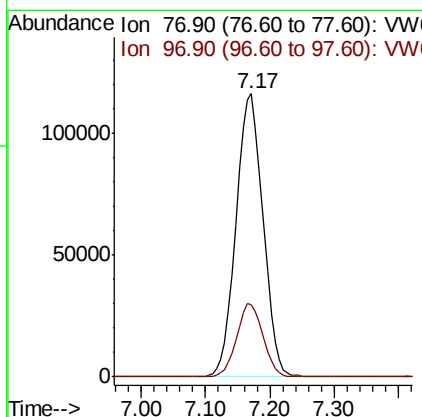
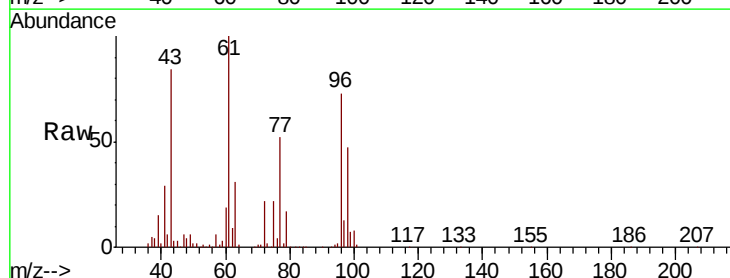
Acq: 18 Aug 2018 04:22

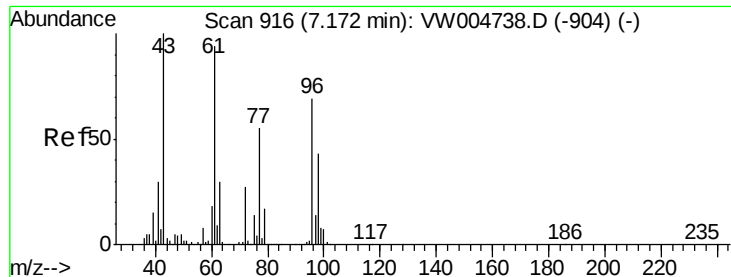
Tgt Ion: 77 Resp: 337322

Ion Ratio Lower Upper

77 100

97 25.2 12.6 37.8





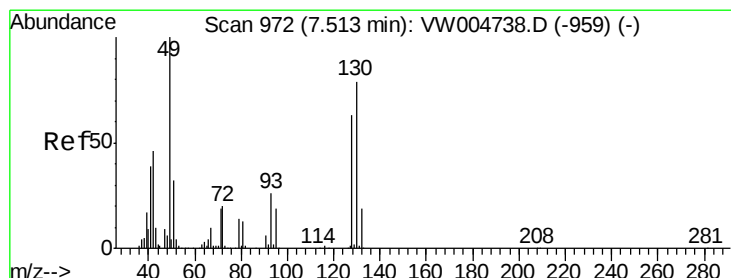
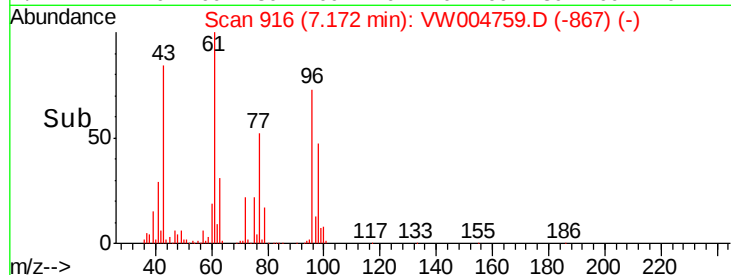
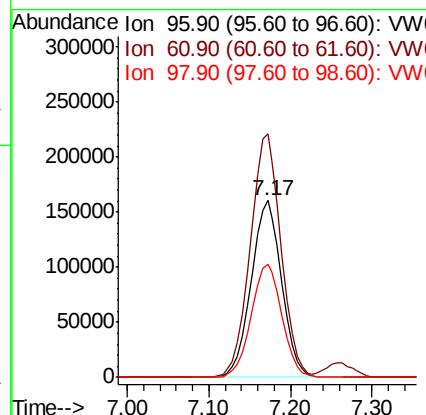
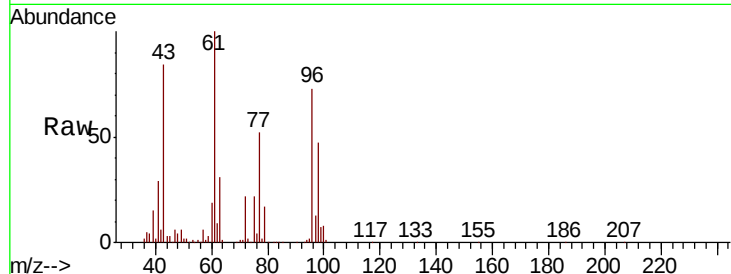
#27
 cis-1,2-Dichloroethene
 Concen: 55.71 ug/l
 RT: 7.17 min Scan# 916
 Delta R.T. 0.00 min
 Lab File: VW004759.D
 Acq: 18 Aug 2018 04:22

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
96	100	416295		
61	138.9	0.0	277.6	
98	64.5	0.0	127.4	

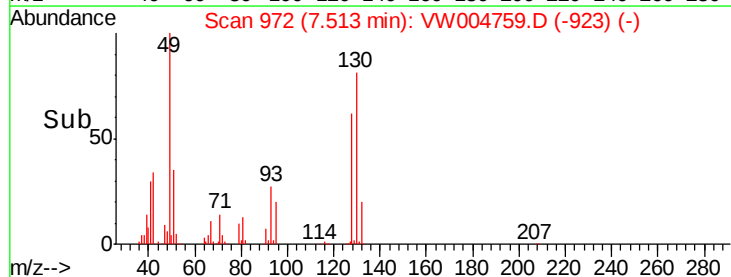
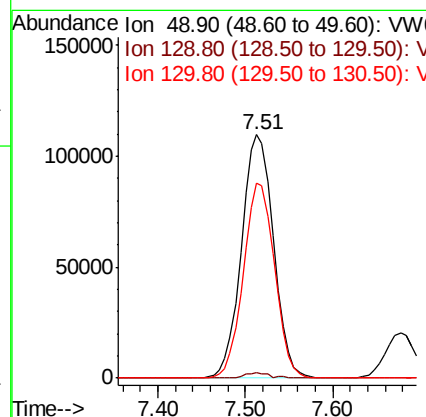
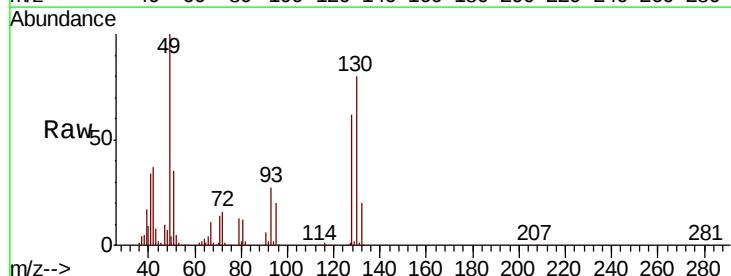
Manual Integrations
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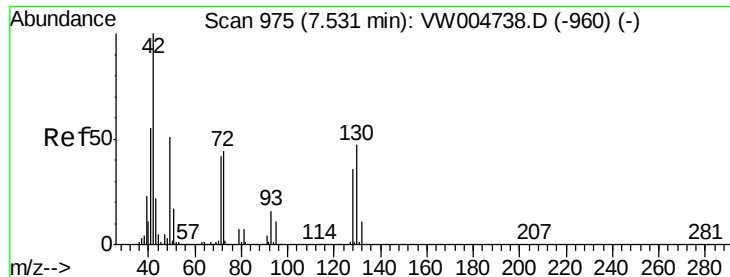
apatel
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#28
 Bromochloromethane
 Concen: 53.57 ug/l
 RT: 7.51 min Scan# 972
 Delta R.T. 0.00 min
 Lab File: VW004759.D
 Acq: 18 Aug 2018 04:22

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	278976		
129	1.8	0.0	4.4	
130	78.3	63.7	95.5	





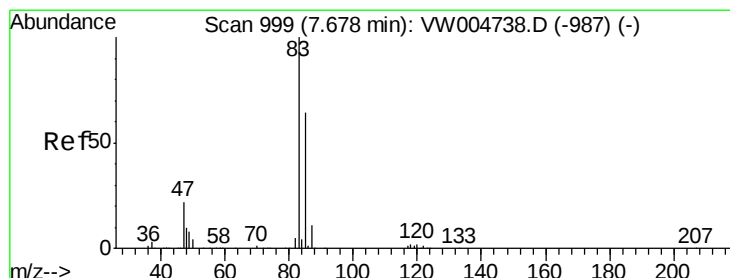
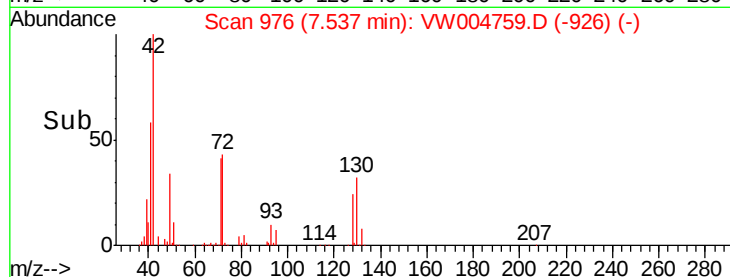
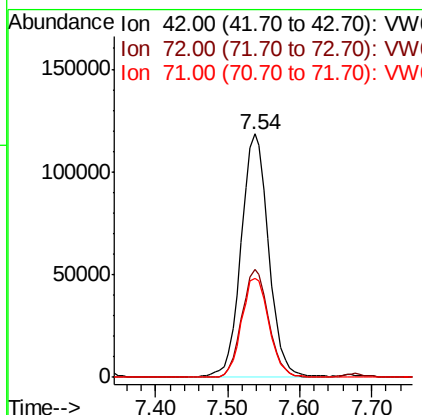
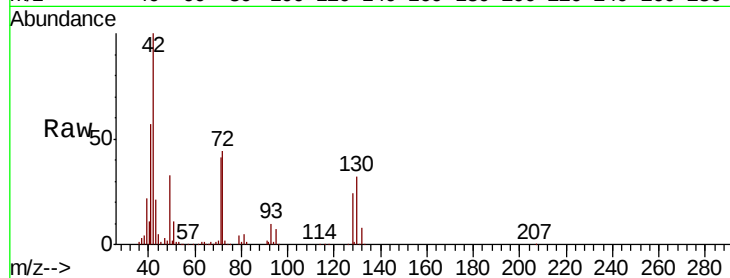
#29
Tetrahydrofuran
Concen: 275.89 ug/l
RT: 7.54 min Scan# 976
Delta R.T. 0.01 min
Lab File: VW004759.D
Acq: 18 Aug 2018 04:22

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion:	42	Resp:	313204
Ion	Ratio	Lower	Upper
42	100		
72	43.3	34.9	52.3
71	40.8	33.8	50.6

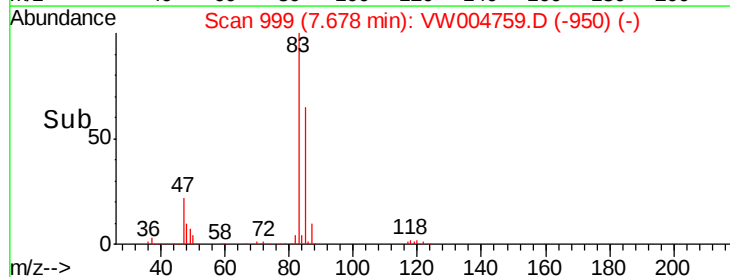
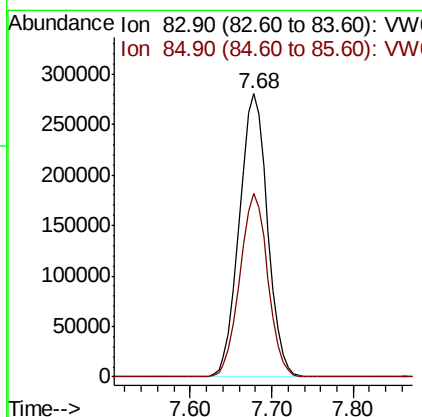
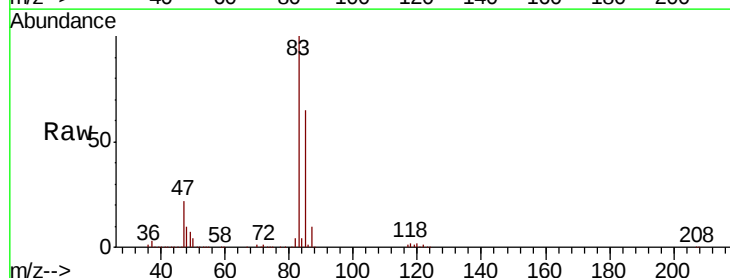
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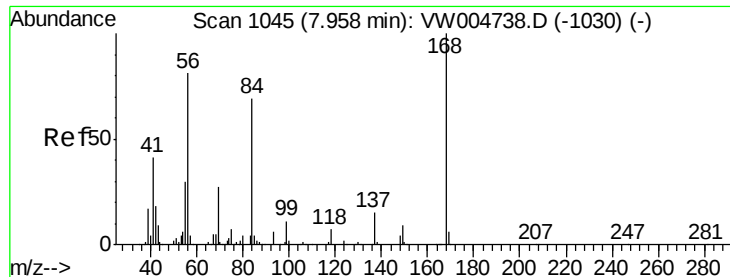
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#30
Chloroform
Concen: 55.23 ug/l
RT: 7.68 min Scan# 999
Delta R.T. 0.00 min
Lab File: VW004759.D
Acq: 18 Aug 2018 04:22

Tgt Ion:	83	Resp:	671733
Ion	Ratio	Lower	Upper
83	100		
85	65.0	51.0	76.6





#31

Cyclohexane

Concen: 50.69 ug/l

RT: 7.96 min Scan# 1045

Delta R.T. 0.00 min

Lab File: VW004759.D

Acq: 18 Aug 2018 04:22

Instrument :

MSVOA_W

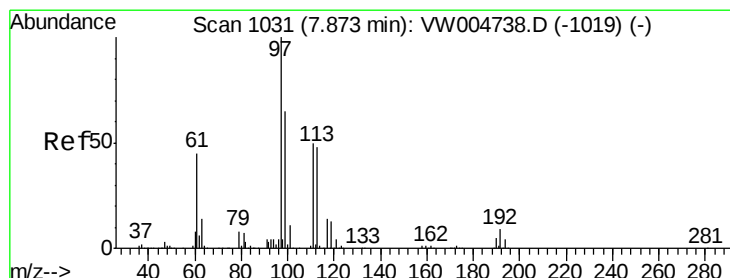
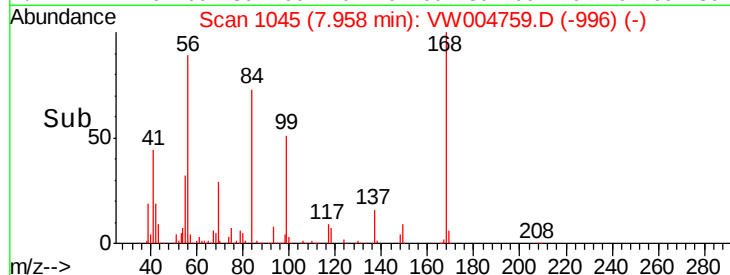
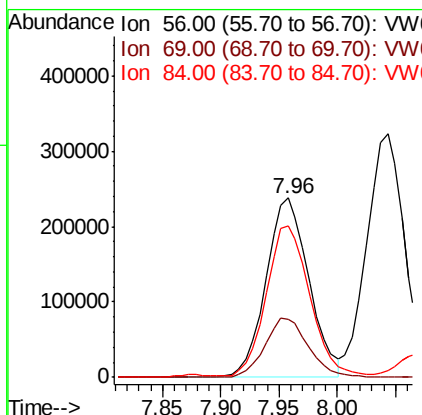
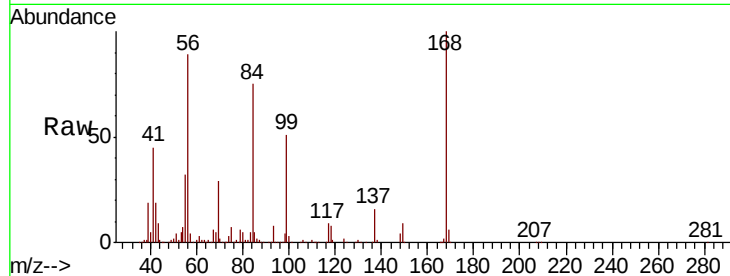
ClientSampleId :

VSTDCCC050

Tot Ion:	56	Resp:	606379
Ion	Ratio	Lower	Upper
56	100		
69	32.6	27.1	40.7
84	83.4	68.3	102.5

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#32

1,1,1-Trichloroethane

Concen: 53.63 ug/l

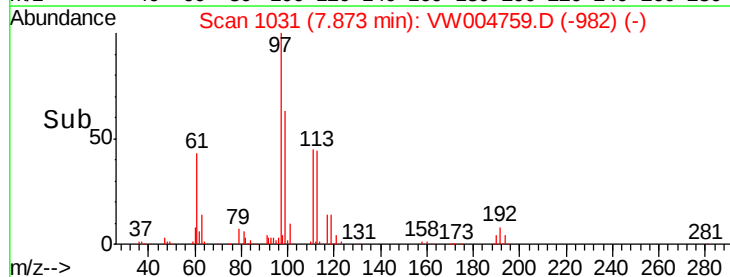
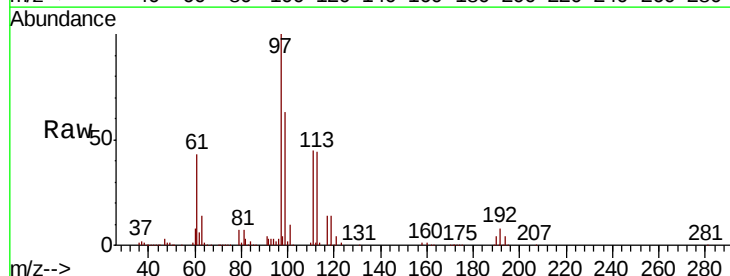
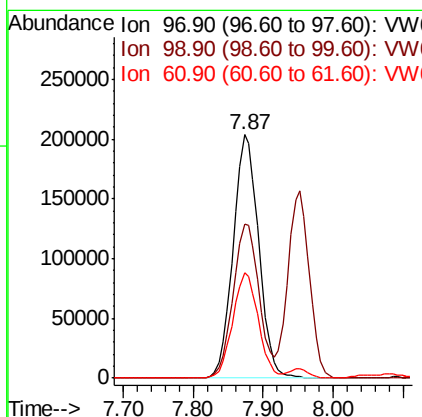
RT: 7.87 min Scan# 1031

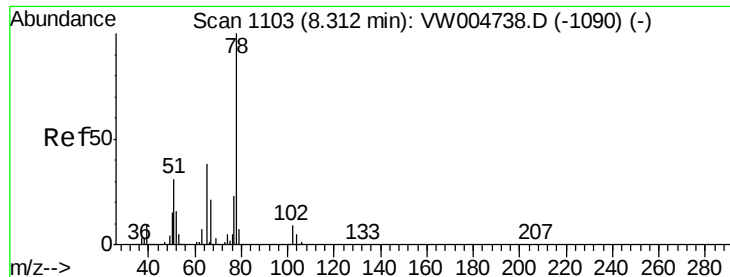
Delta R.T. 0.00 min

Lab File: VW004759.D

Acq: 18 Aug 2018 04:22

Tgt Ion:	97	Resp:	517064
Ion	Ratio	Lower	Upper
97	100		
99	64.3	51.7	77.5
61	43.4	34.4	51.6





#33

1,2-Dichloroethane-d4

Concen: 52.13 ug/l

RT: 8.31 min Scan# 1103

Delta R.T. 0.00 min

Lab File: VW004759.D

Acq: 18 Aug 2018 04:22

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 65 Resp: 319092

Ion Ratio Lower Upper

65 100

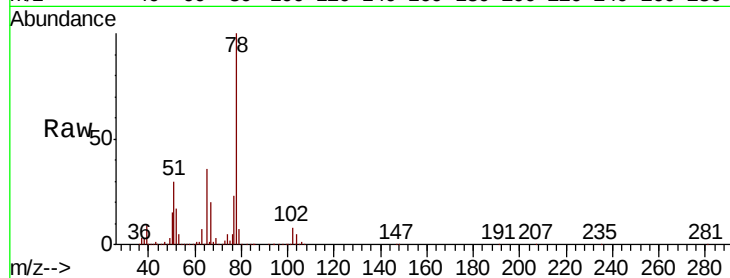
67 55.2 0.0 109.4

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Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

8.31

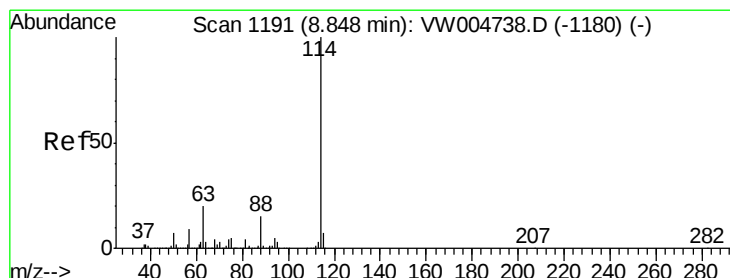
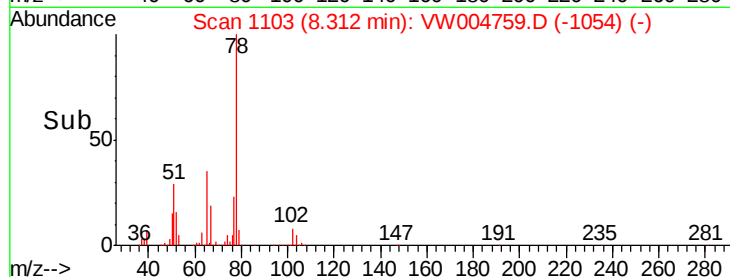
150000

100000

50000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.85 min Scan# 1191

Delta R.T. 0.00 min

Lab File: VW004759.D

Acq: 18 Aug 2018 04:22

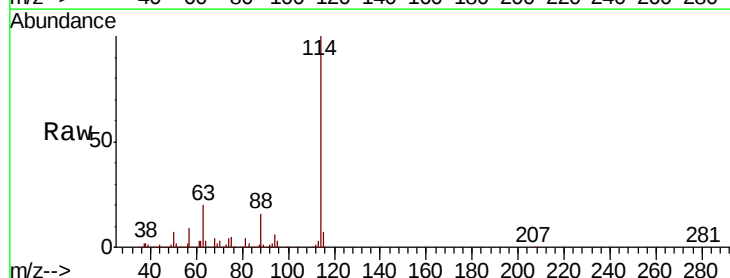
Tgt Ion: 114 Resp: 978090

Ion Ratio Lower Upper

114 100

63 19.8 0.0 39.0

88 15.7 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

8.85

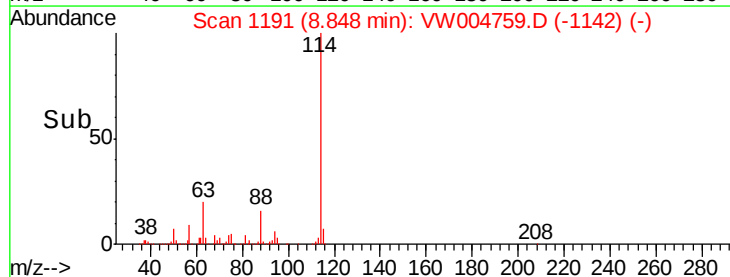
600000

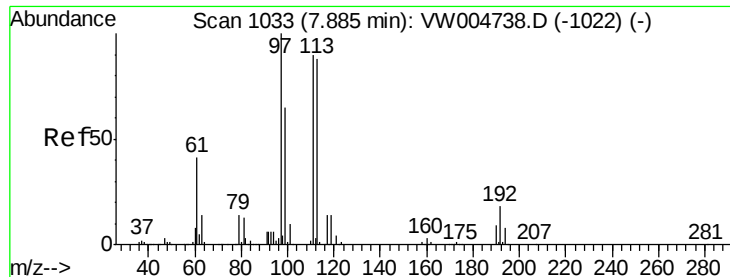
400000

200000

0

Time-->





#35

Dibromofluoromethane

Concen: 52.07 ug/l

RT: 7.88 min Scan# 1033

Delta R.T. 0.00 min

Lab File: VW004759.D

Acq: 18 Aug 2018 04:22

Instrument :

MSVOA_W

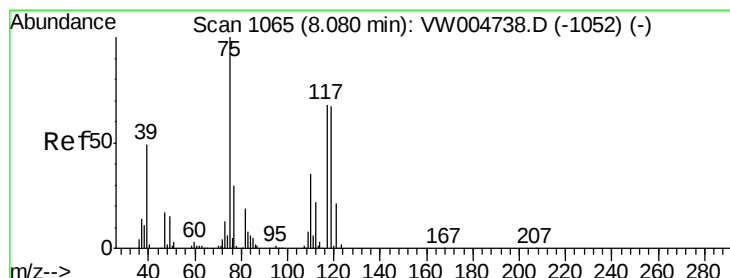
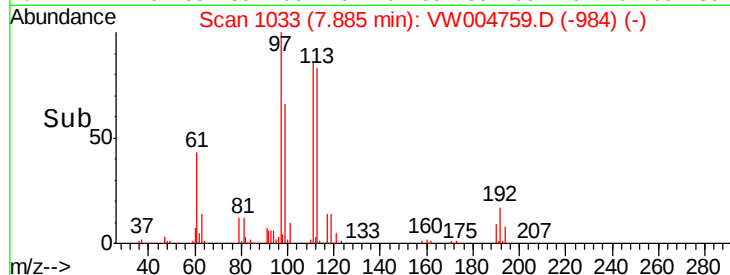
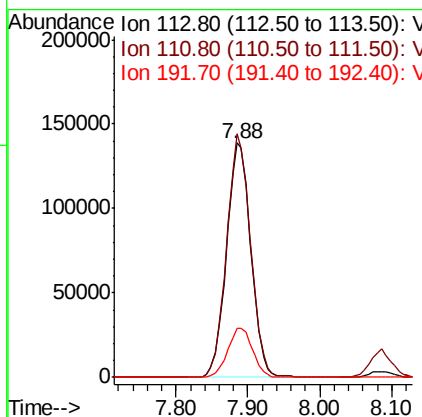
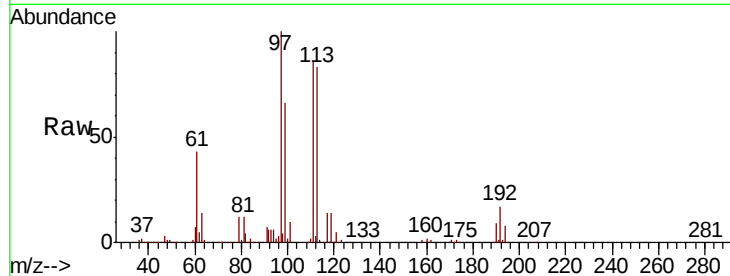
ClientSampleId :

VSTDCCC050

Tot Ion:	113	Resp:	325480
Ion Ratio	Lower	Upper	
113	100		
111	102.2	82.4	123.6
192	21.3	16.7	25.1

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#36

1,1-Dichloropropene

Concen: 52.37 ug/l

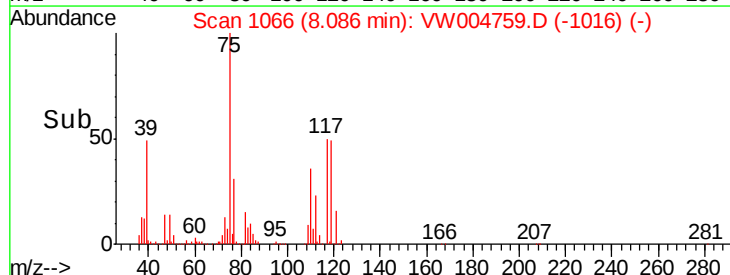
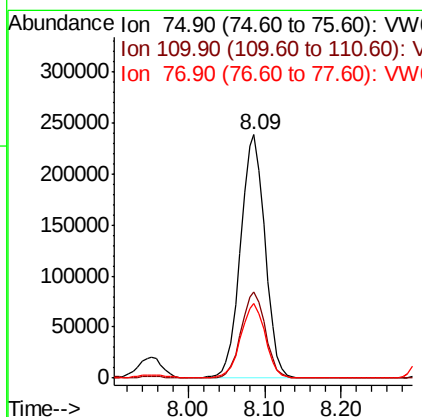
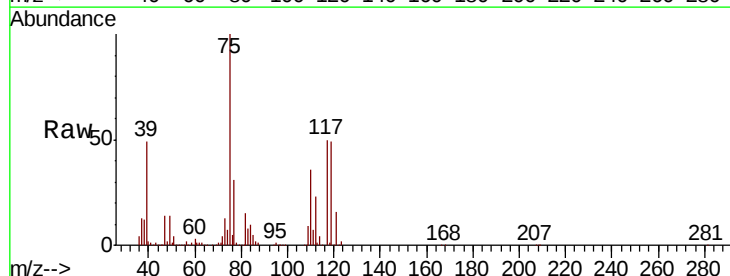
RT: 8.09 min Scan# 1066

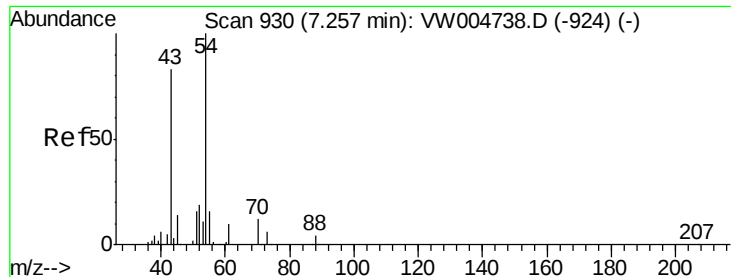
Delta R.T. 0.01 min

Lab File: VW004759.D

Acq: 18 Aug 2018 04:22

Tgt Ion:	75	Resp:	527652
Ion Ratio	Lower	Upper	
75	100		
110	35.2	17.8	53.5
77	31.0	24.9	37.3





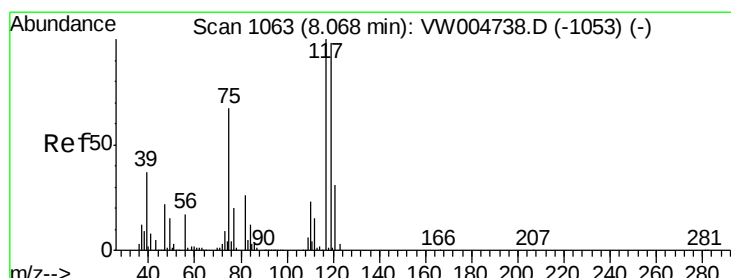
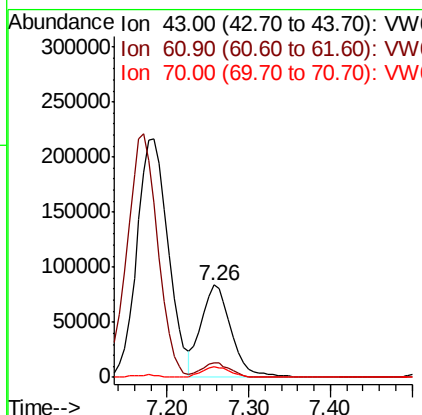
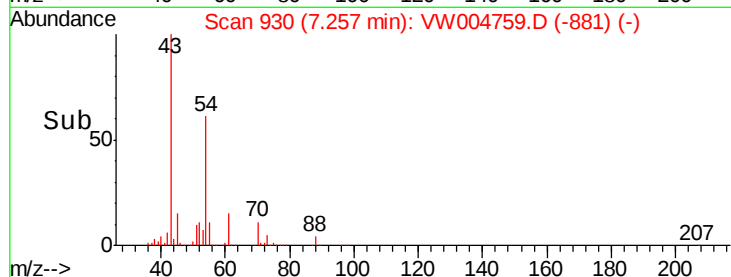
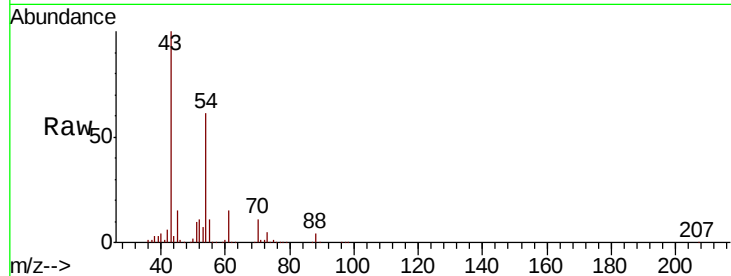
#37
Ethyl Acetate
Concen: 53.22 ug/l
RT: 7.26 min Scan# 930
Delta R.T. 0.00 min
Lab File: VW004759.D
Acq: 18 Aug 2018 04:22

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.5	11.6	17.4
70	10.7	9.2	13.8

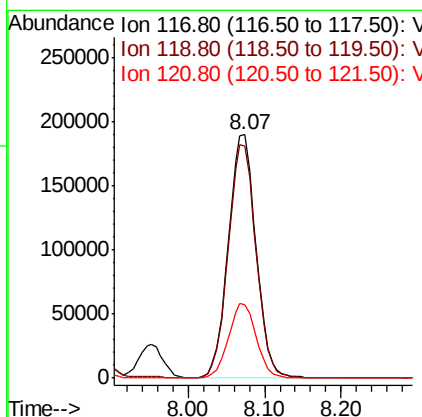
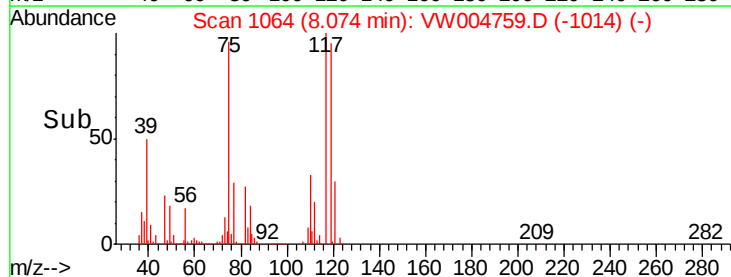
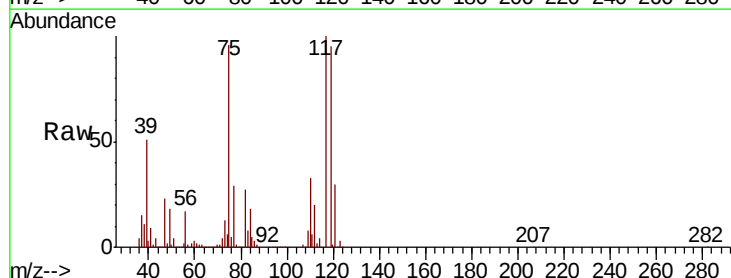
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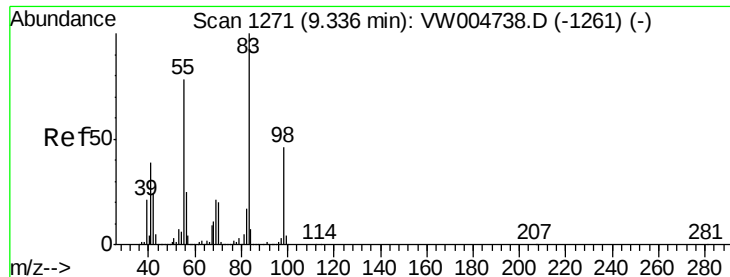
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#38
Carbon Tetrachloride
Concen: 51.33 ug/l
RT: 8.07 min Scan# 1064
Delta R.T. 0.01 min
Lab File: VW004759.D
Acq: 18 Aug 2018 04:22

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.4	78.0	117.0
121	29.9	24.8	37.2





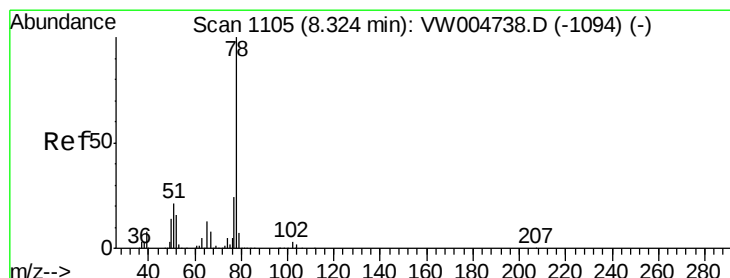
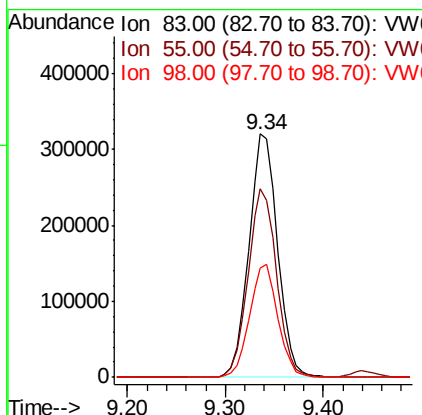
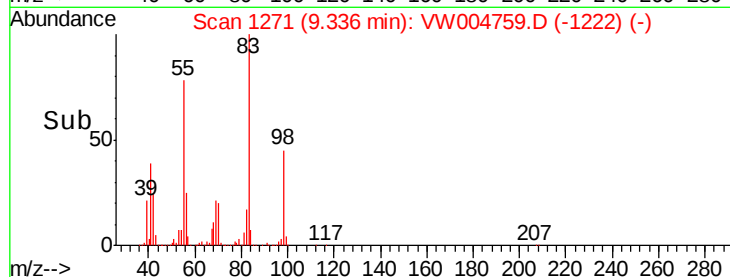
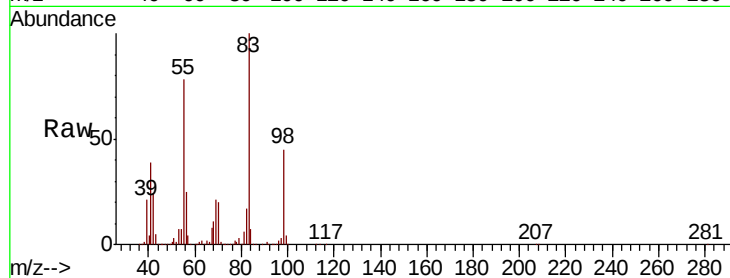
#39
Methvlcvclohexane
Concen: 51.57 ug/l
RT: 9.34 min Scan# 1271
Delta R.T. 0.00 min
Lab File: VW004759.D
Acq: 18 Aug 2018 04:22

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	77.6	62.4	93.6
98	45.0	36.5	54.7

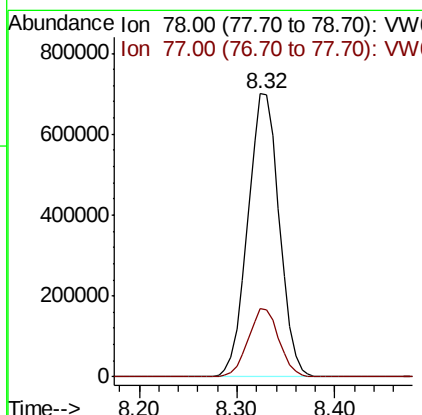
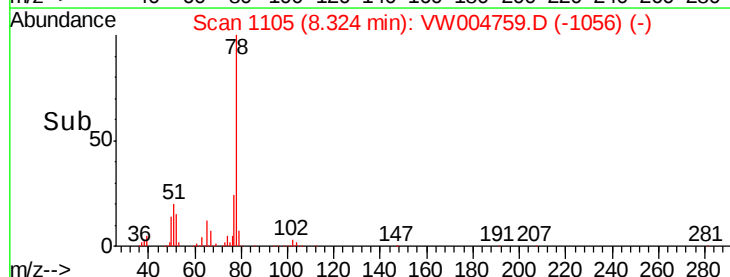
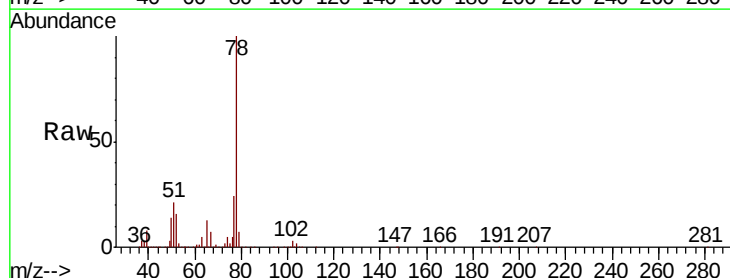
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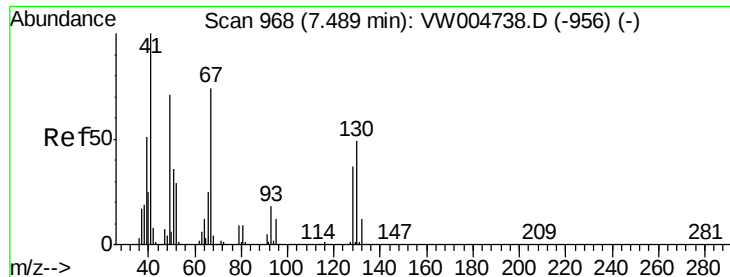
apatel
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#40
Benzene
Concen: 53.55 ug/l
RT: 8.32 min Scan# 1105
Delta R.T. 0.00 min
Lab File: VW004759.D
Acq: 18 Aug 2018 04:22

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.1	19.0	28.6





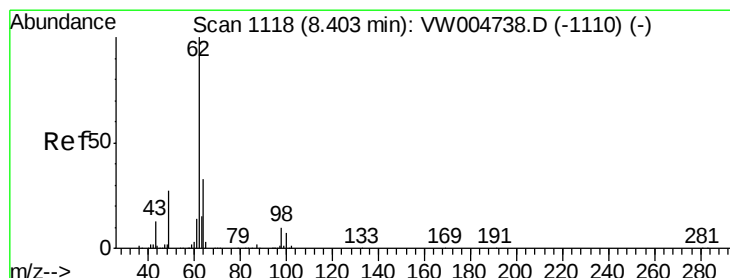
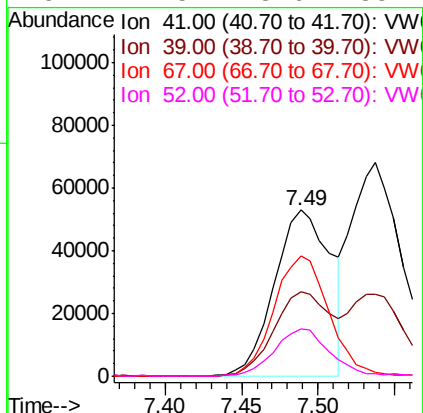
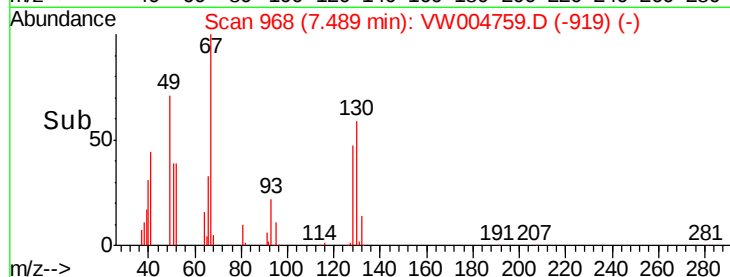
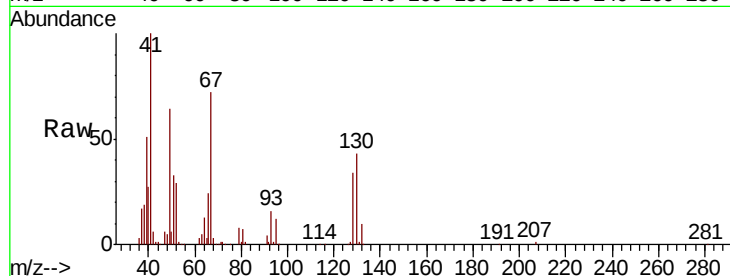
#41
Methacrylonitrile
Concen: 59.47 ug/l
RT: 7.49 min Scan# 968
Delta R.T. 0.00 min
Lab File: VW004759.D
Acq: 18 Aug 2018 04:22

Instrument :
MSVOA_W
ClientSampled :
VSTDCCC050

Tot Ion	41	Resp	135560
Ion Ratio	Lower	Upper	
41	100		
39	51.2	41.0	61.4
67	71.2	59.5	89.3
52	27.5	23.6	35.4

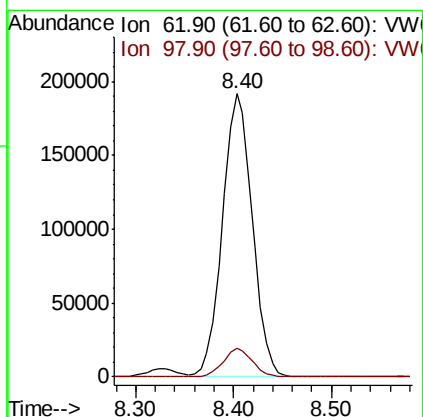
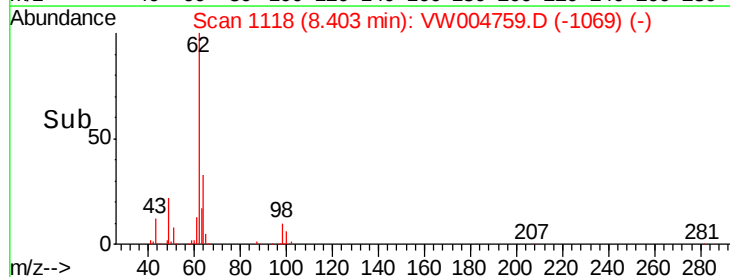
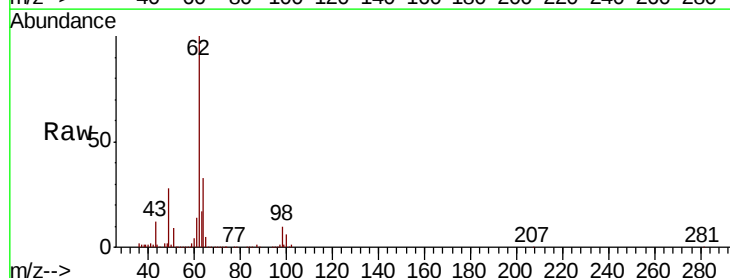
Manual Integrations
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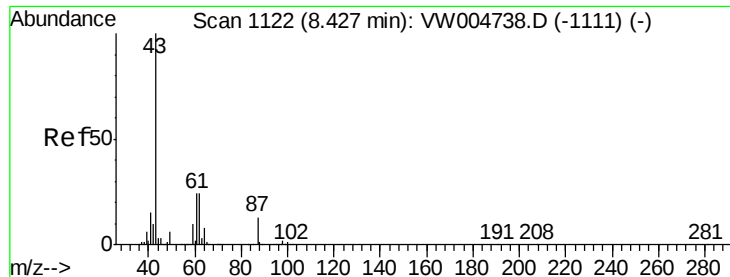
apatel
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#42
1,2-Dichloroethane
Concen: 53.98 ug/l
RT: 8.40 min Scan# 1118
Delta R.T. 0.00 min
Lab File: VW004759.D
Acq: 18 Aug 2018 04:22

Tgt Ion	62	Resp	405366
Ion Ratio	Lower	Upper	
62	100		
98	9.9	0.0	20.2





#43

Isopropyl Acetate

Concen: 54.81 ug/l

RT: 8.43 min Scan# 1122

Delta R.T. 0.00 min

Lab File: VW004759.D

Acq: 18 Aug 2018 04:22

Instrument :

MSVOA_W

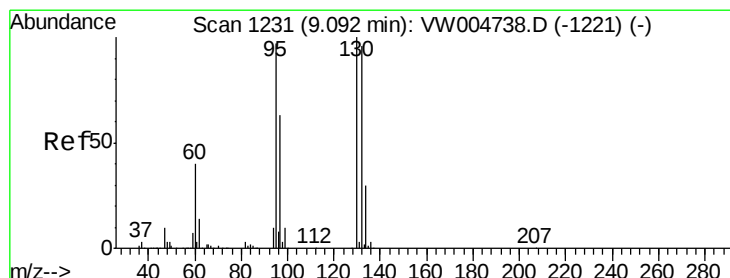
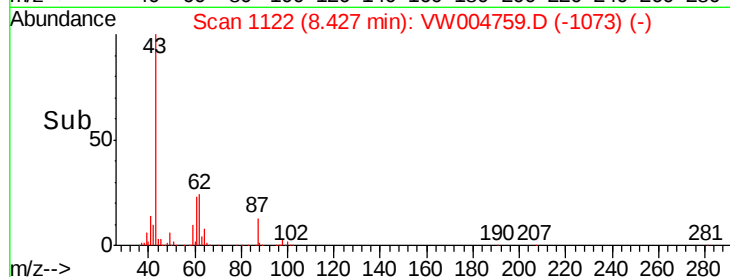
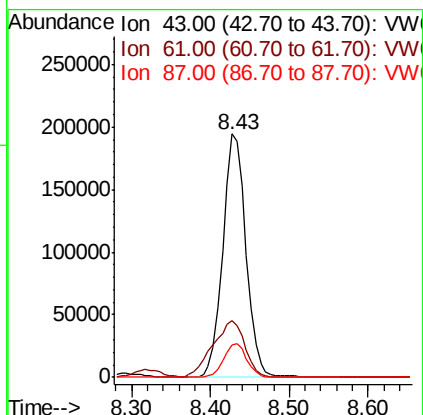
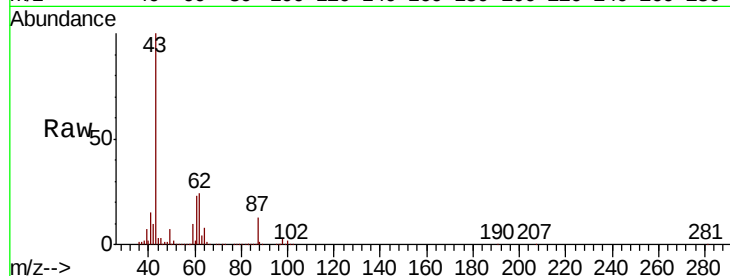
ClientSampleId :

VSTDCCC050

Tot Ion:	43	Resp:	395434
Ion	Ratio	Lower	Upper
43	100		
61	32.2	26.2	39.4
87	13.8	10.9	16.3

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#44

Trichloroethene

Concen: 52.63 ug/l

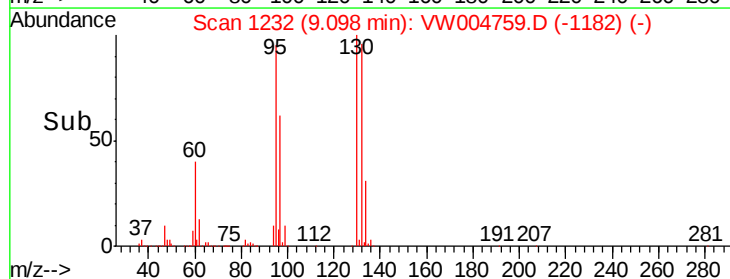
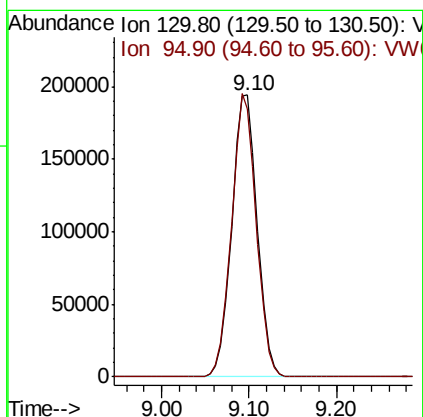
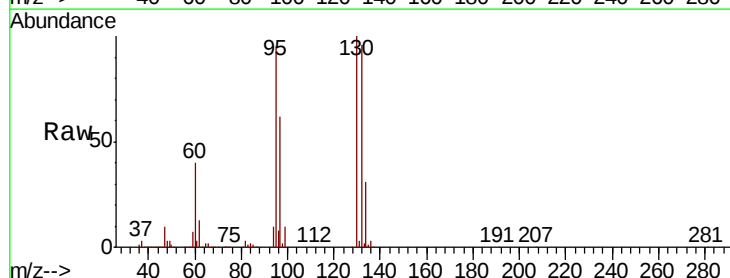
RT: 9.10 min Scan# 1232

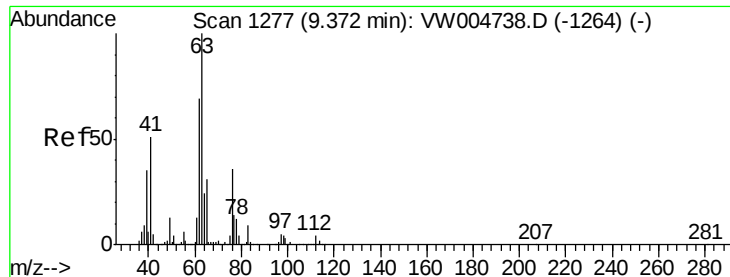
Delta R.T. 0.01 min

Lab File: VW004759.D

Acq: 18 Aug 2018 04:22

Tgt Ion:	130	Resp:	391192
Ion	Ratio	Lower	Upper
130	100		
95	95.1	0.0	194.4





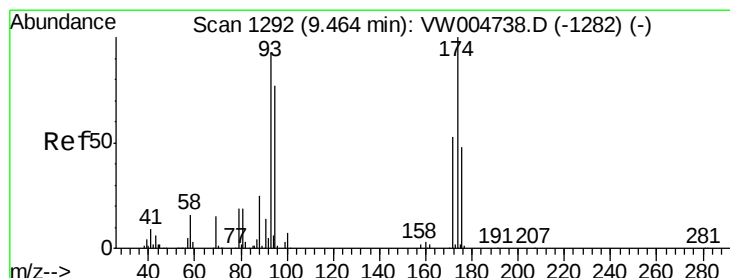
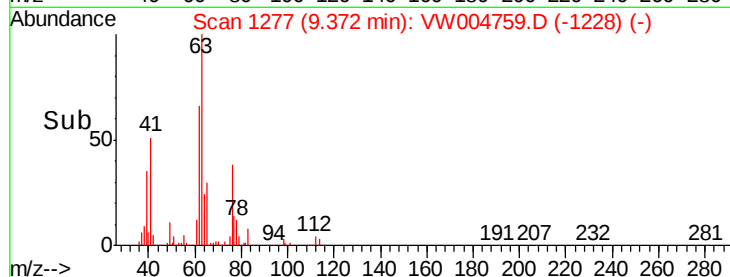
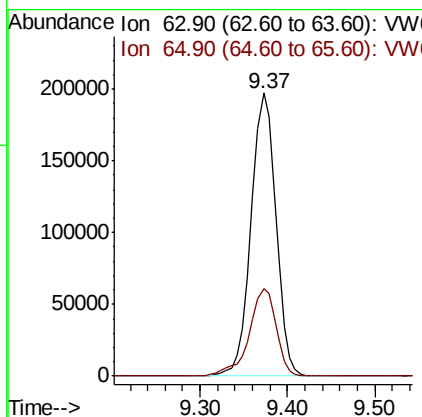
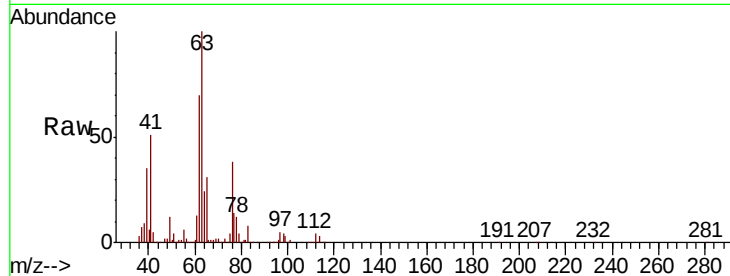
#45
 1,2-Dichloropropane
 Concen: 54.46 ug/l
 RT: 9.37 min Scan# 1277
 Delta R.T. 0.00 min
 Lab File: VW004759.D
 Acq: 18 Aug 2018 04:22

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
63	100		
65	30.8	24.6	37.0

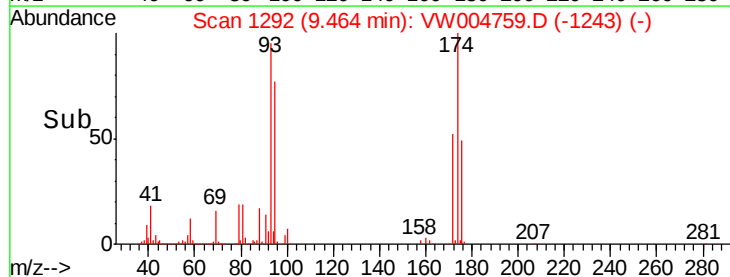
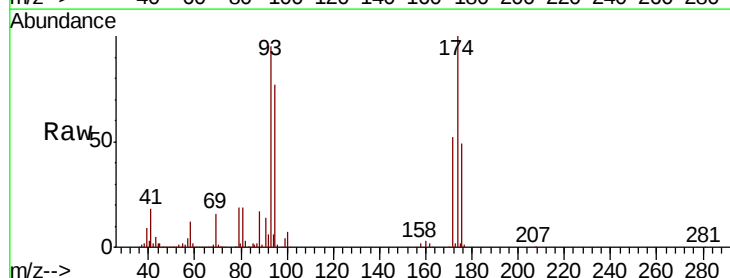
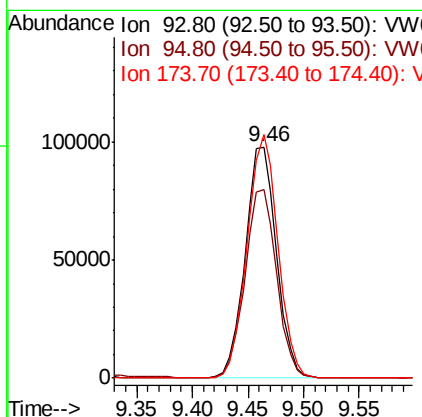
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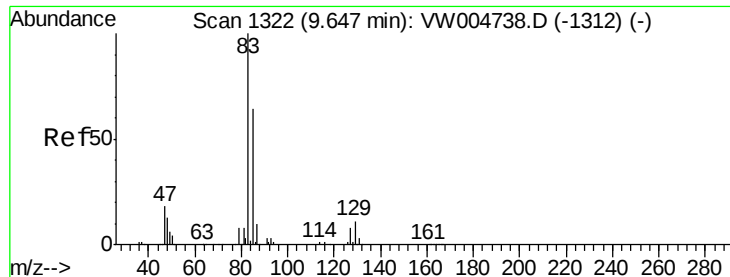
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#46
 Dibromomethane
 Concen: 53.79 ug/l
 RT: 9.46 min Scan# 1292
 Delta R.T. 0.00 min
 Lab File: VW004759.D
 Acq: 18 Aug 2018 04:22

Tgt Ion	Ratio	Lower	Upper
93	100		
95	82.8	66.6	99.8
174	104.3	85.3	127.9





#47

Bromodichloromethane

Concen: 54.44 ug/l

RT: 9.65 min Scan# 1322

Delta R.T. 0.00 min

Lab File: VW004759.D

Acq: 18 Aug 2018 04:22

Instrument :

MSVOA_W

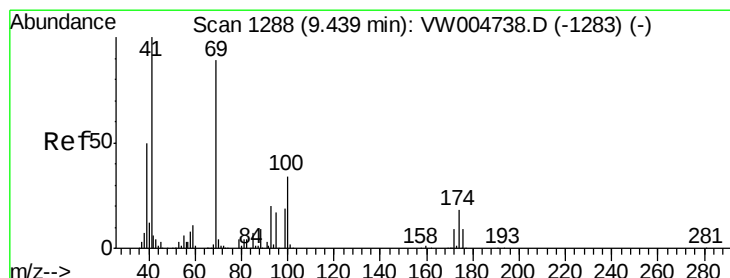
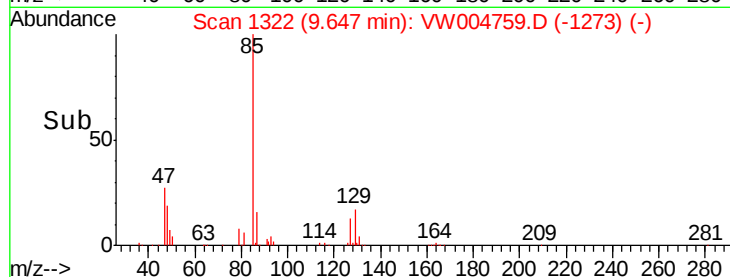
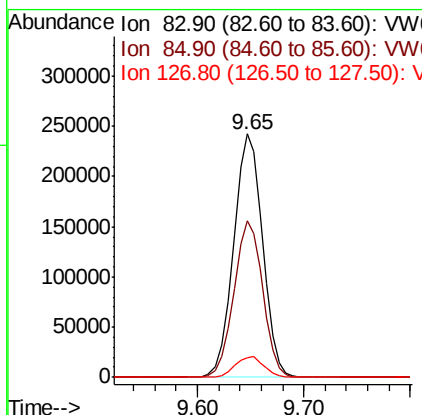
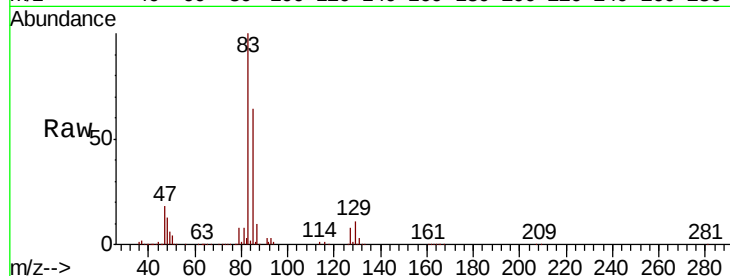
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	461393
Ion	Ratio	Lower	Upper
83	100		
85	64.3	51.2	76.8
127	8.3	6.7	10.1

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#48

Methyl methacrylate

Concen: 55.65 ug/l

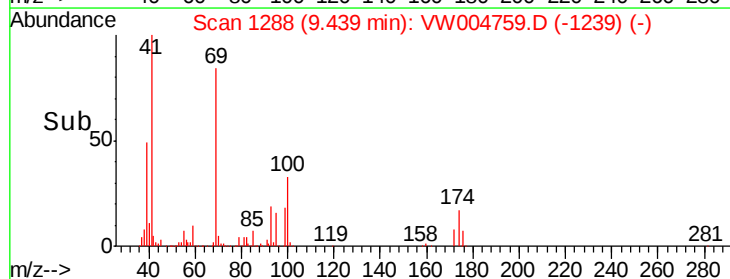
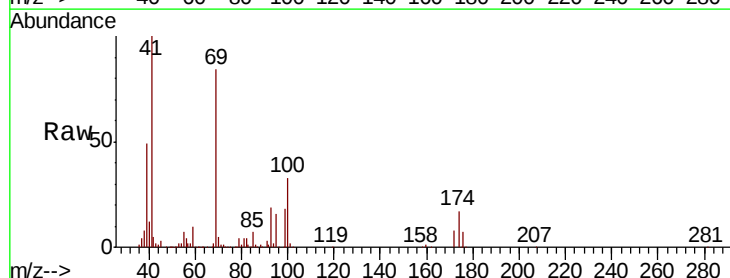
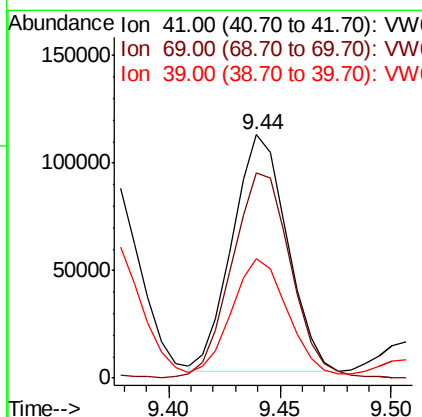
RT: 9.44 min Scan# 1288

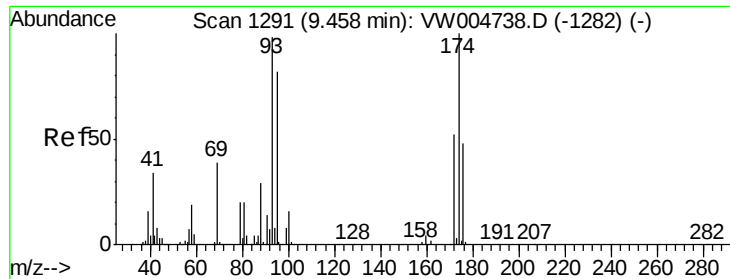
Delta R.T. 0.00 min

Lab File: VW004759.D

Acq: 18 Aug 2018 04:22

Tgt Ion:	41	Resp:	188386
Ion	Ratio	Lower	Upper
41	100		
69	93.1	75.2	112.8
39	49.0	39.8	59.6





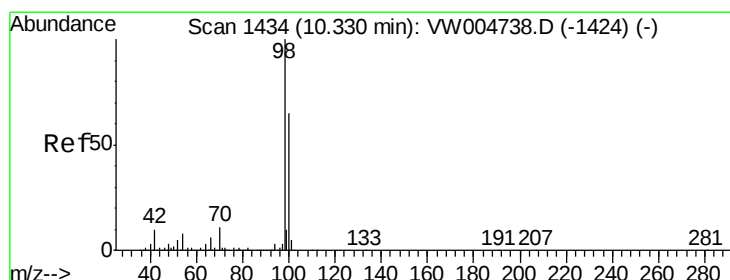
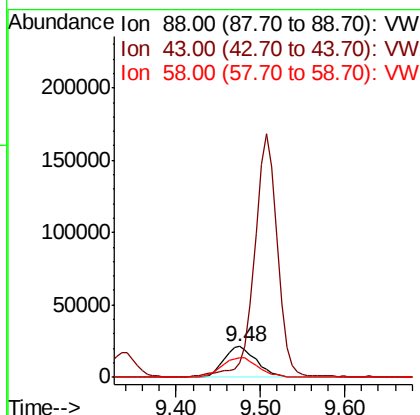
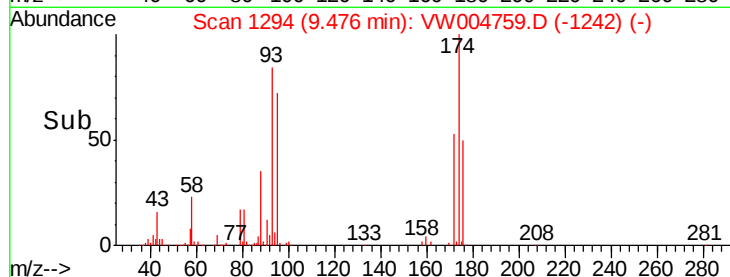
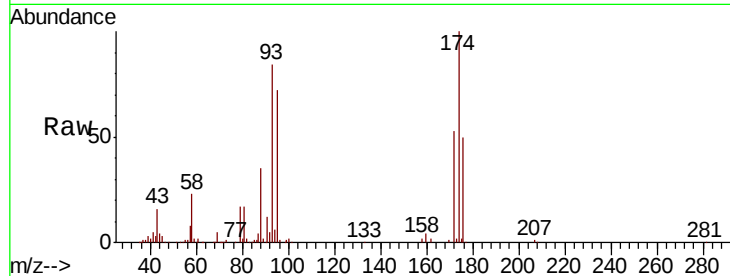
#49
1,4-Dioxane
Concen: 1085.46 ug/l
RT: 9.48 min Scan# 1294
Delta R.T. 0.02 min
Lab File: VW004759.D
Acq: 18 Aug 2018 04:22

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
88	100		
43	0.0	22.9	34.3#
58	72.9	60.0	90.0

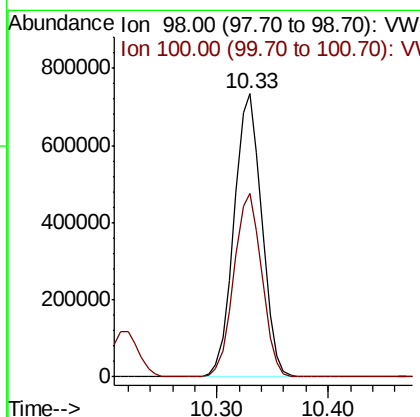
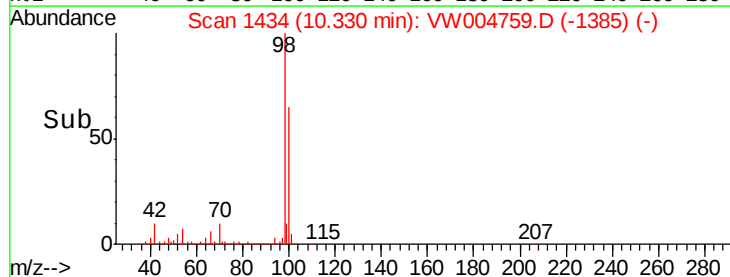
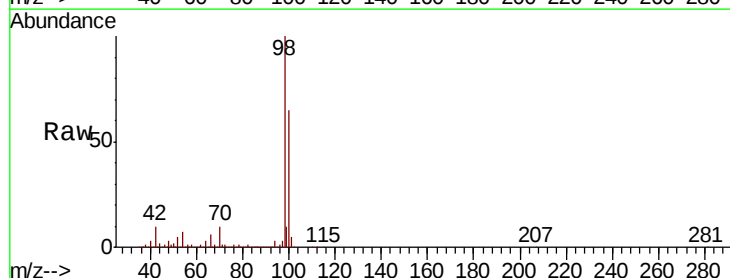
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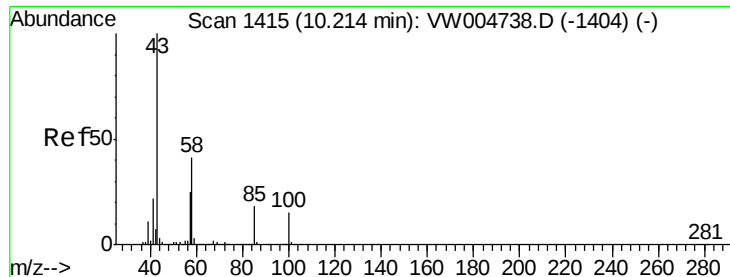
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#50
Toluene-d8
Concen: 51.82 ug/l
RT: 10.33 min Scan# 1434
Delta R.T. 0.00 min
Lab File: VW004759.D
Acq: 18 Aug 2018 04:22

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.0	51.8	77.8





#51

4-Methyl-2-Pentanone

Concen: 274.74 ug/l

RT: 10.21 min Scan# 1415

Delta R.T. 0.00 min

Lab File: VW004759.D

Acq: 18 Aug 2018 04:22

Instrument :

MSVOA_W

ClientSampled :

VSTDCCC050

Tot Ion: 43 Resp: 1339635

Ion Ratio Lower Upper

43 100

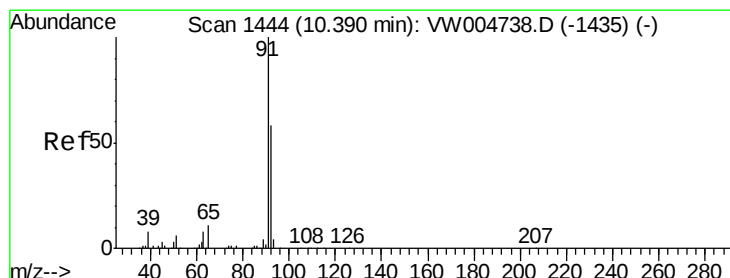
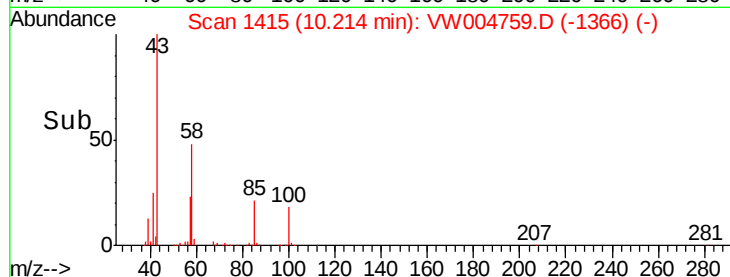
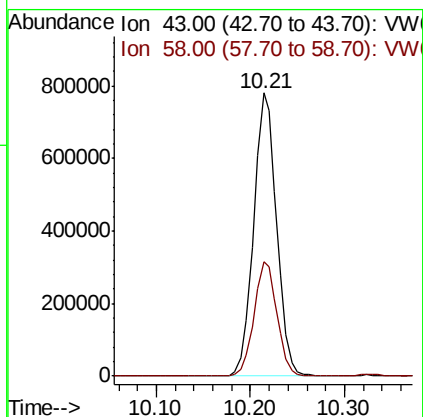
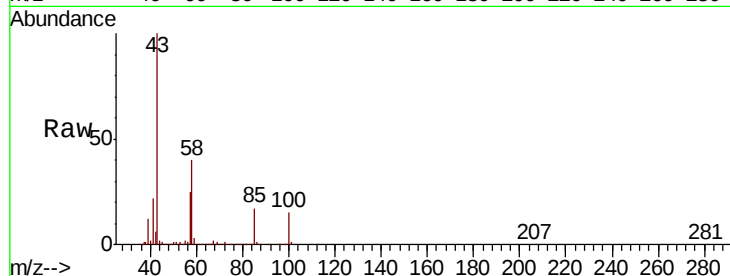
58 40.4 32.7 49.1

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#52

Toluene

Concen: 54.29 ug/l

RT: 10.39 min Scan# 1444

Delta R.T. 0.00 min

Lab File: VW004759.D

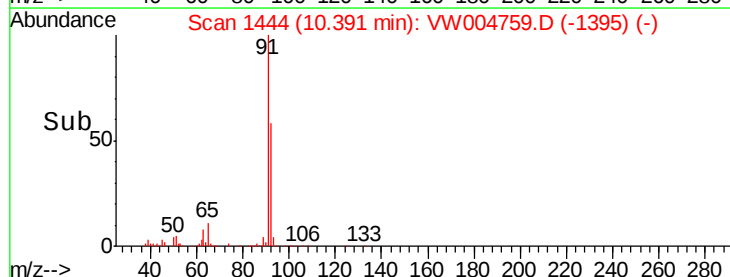
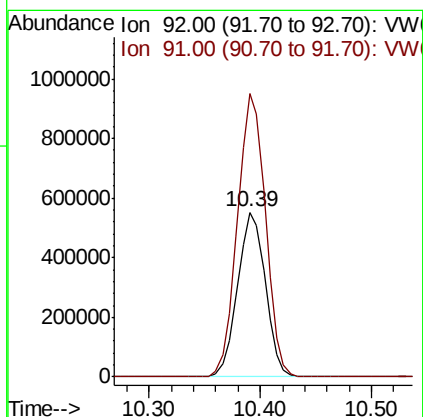
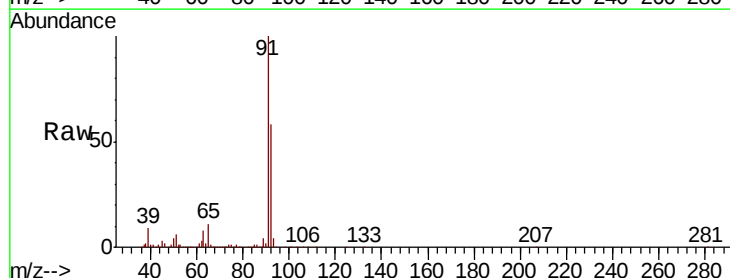
Acq: 18 Aug 2018 04:22

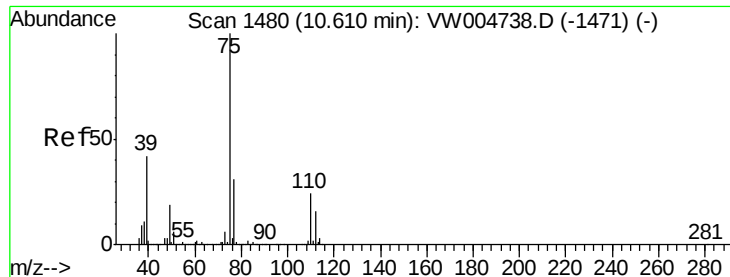
Tgt Ion: 92 Resp: 953455

Ion Ratio Lower Upper

92 100

91 173.4 138.3 207.5





#53

t-1,3-Dichloropropene

Concen: 52.65 ug/l

RT: 10.61 min Scan# 1480

Delta R.T. 0.00 min

Lab File: VW004759.D

Acq: 18 Aug 2018 04:22

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 75 Resp: 449569

Ion Ratio Lower Upper

75 100

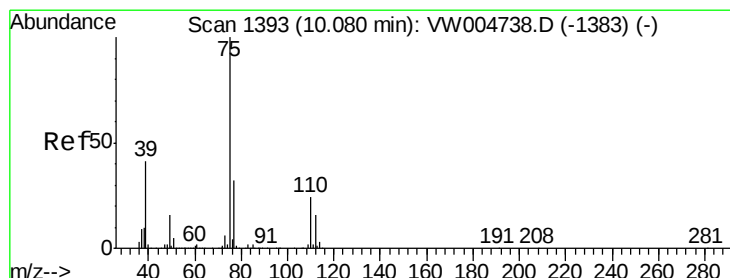
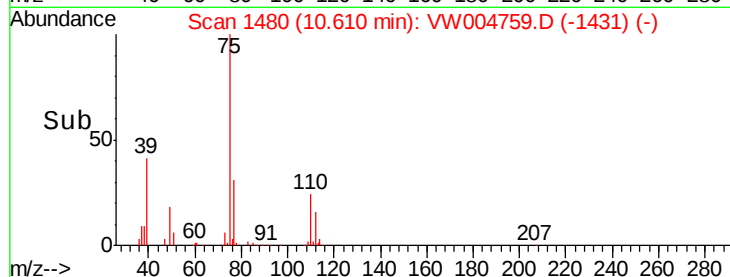
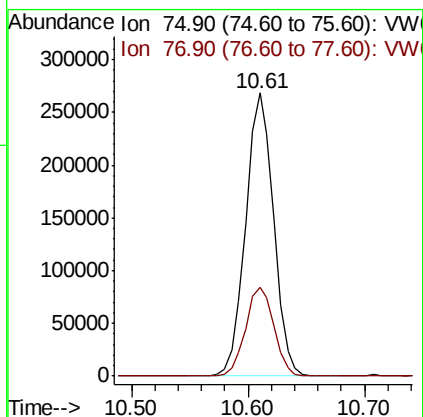
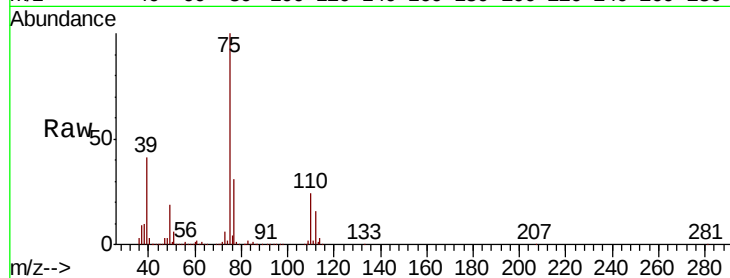
77 31.3 24.8 37.2

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#54

cis-1,3-Dichloropropene

Concen: 53.38 ug/l

RT: 10.08 min Scan# 1393

Delta R.T. 0.00 min

Lab File: VW004759.D

Acq: 18 Aug 2018 04:22

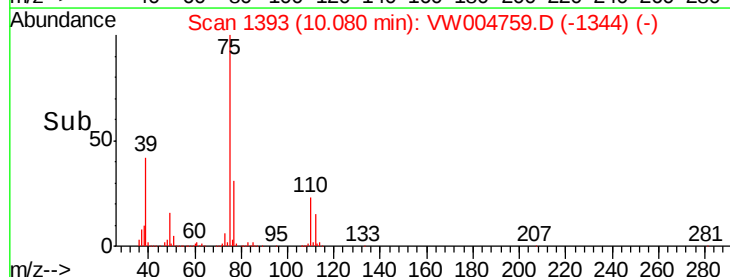
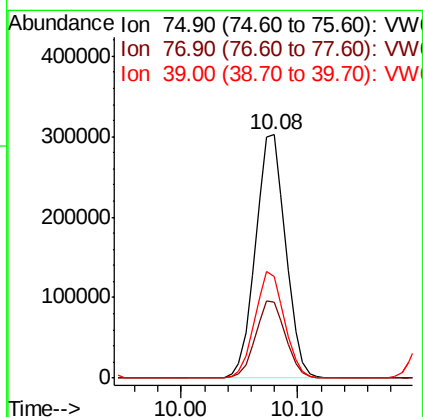
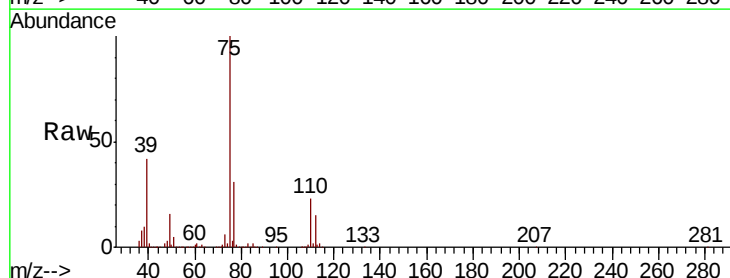
Tgt Ion: 75 Resp: 543339

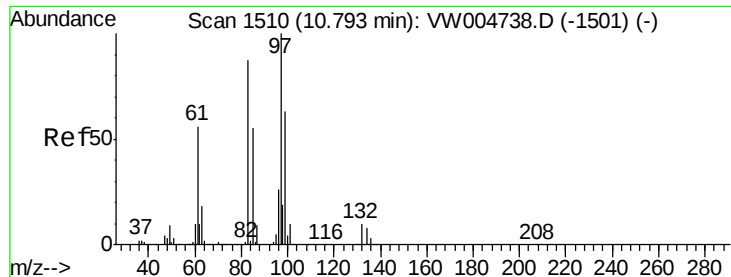
Ion Ratio Lower Upper

75 100

77 31.3 25.6 38.4

39 41.5 33.0 49.4





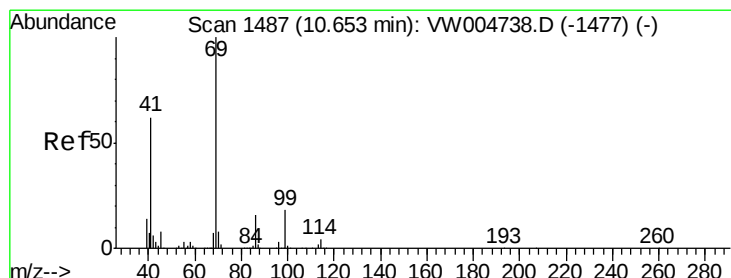
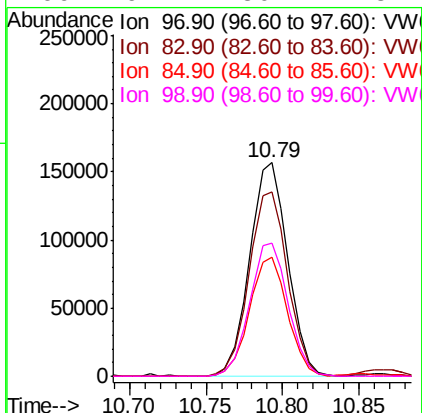
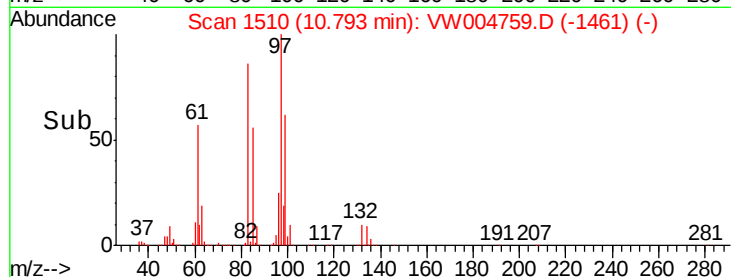
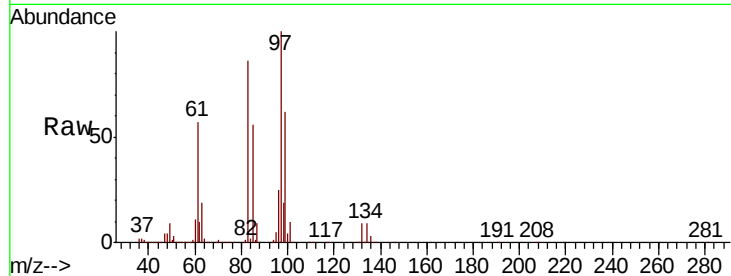
#55
 1,1,2-Trichloroethane
 Concen: 53.93 ug/l
 RT: 10.79 min Scan# 1510
 Delta R.T. 0.00 min
 Lab File: VW004759.D
 Acq: 18 Aug 2018 04:22

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		272034		
83	86.4	69.4	104.2		
85	56.0	44.3	66.5		
99	62.2	50.2	75.2		

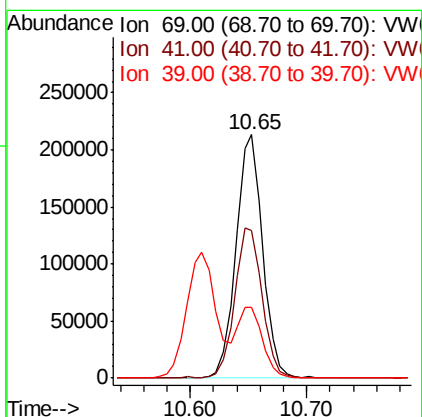
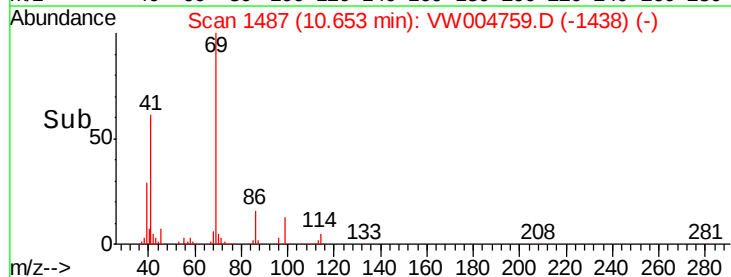
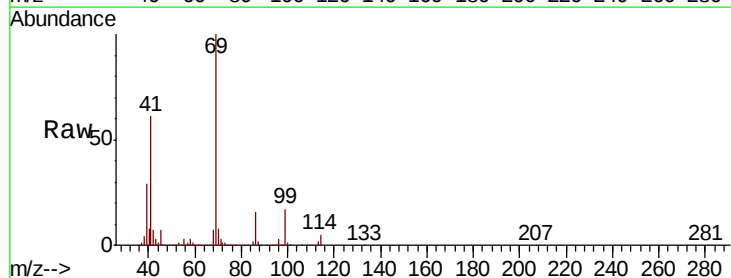
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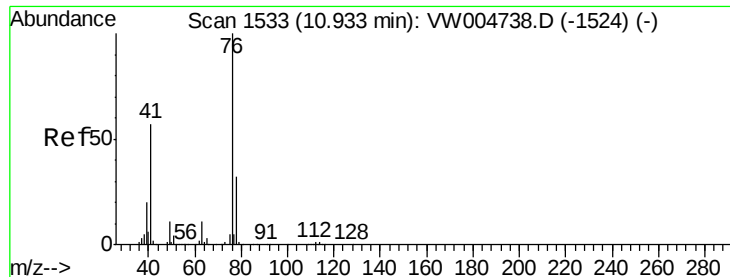
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#56
 Ethyl methacrylate
 Concen: 51.31 ug/l
 RT: 10.65 min Scan# 1487
 Delta R.T. 0.00 min
 Lab File: VW004759.D
 Acq: 18 Aug 2018 04:22

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		338696		
41	63.2	50.7	76.1		
39	27.0	21.4	32.2		





#57

1,3-Dichloropropane

Concen: 54.27 ug/l

RT: 10.93 min Scan# 1533

Delta R.T. 0.00 min

Lab File: VW004759.D

Acq: 18 Aug 2018 04:22

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 472535

Ion Ratio Lower Upper

76 100

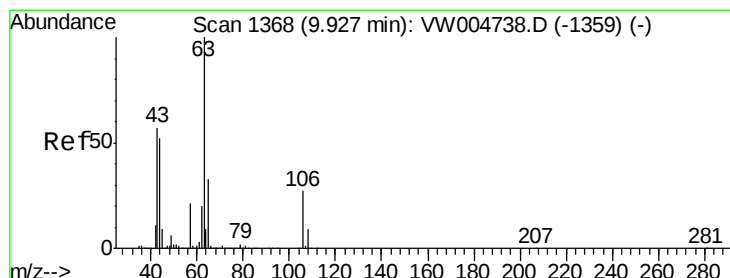
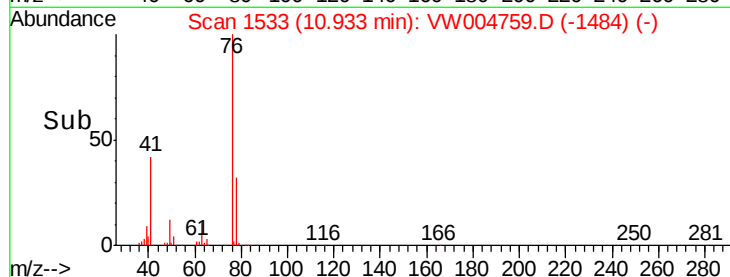
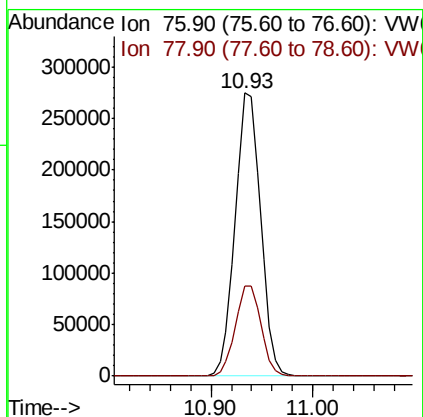
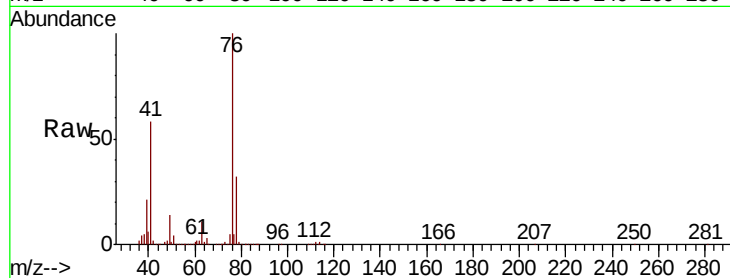
78 32.1 25.9 38.9

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#58

2-Chloroethyl Vinyl ether

Concen: 282.62 ug/l

RT: 9.93 min Scan# 1368

Delta R.T. 0.00 min

Lab File: VW004759.D

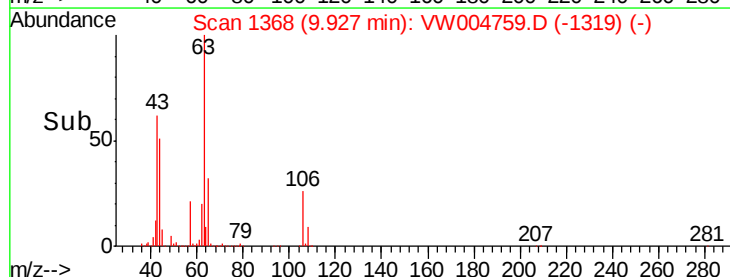
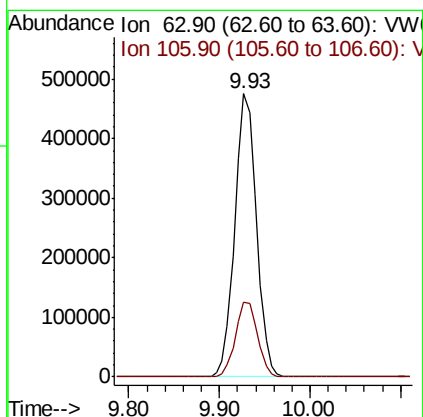
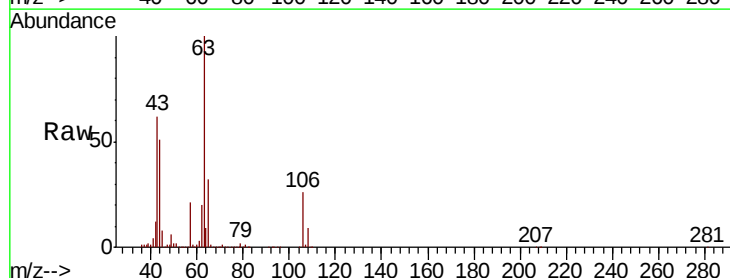
Acq: 18 Aug 2018 04:22

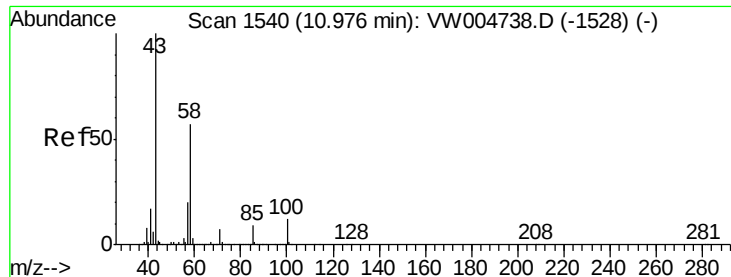
Tgt Ion: 63 Resp: 787294

Ion Ratio Lower Upper

63 100

106 27.1 22.1 33.1





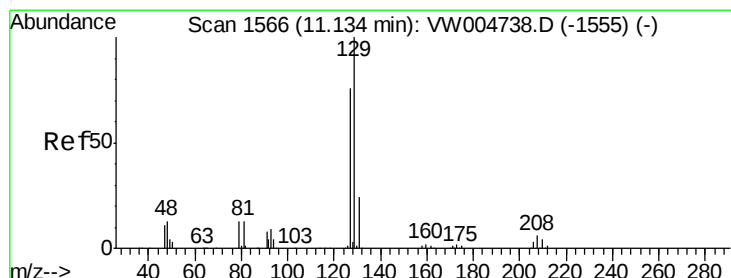
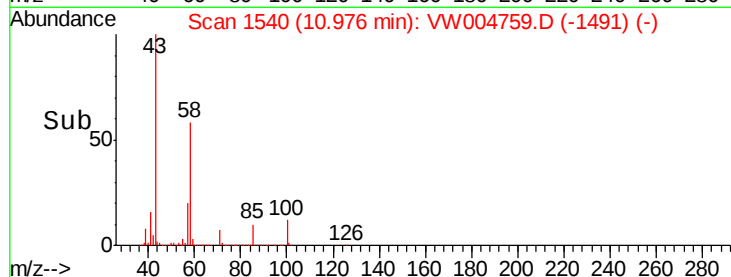
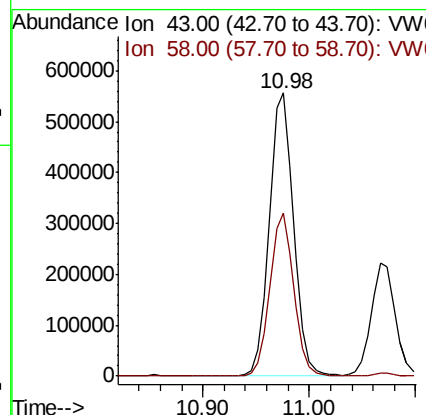
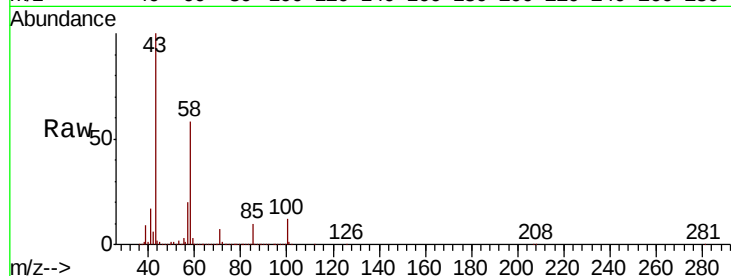
#59
2-Hexanone
Concen: 269.07 ug/l
RT: 10.98 min Scan# 1540
Delta R.T. 0.00 min
Lab File: VW004759.D
Acq: 18 Aug 2018 04:22

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 888967
Ion Ratio Lower Upper
43 100
58 56.7 28.1 84.4

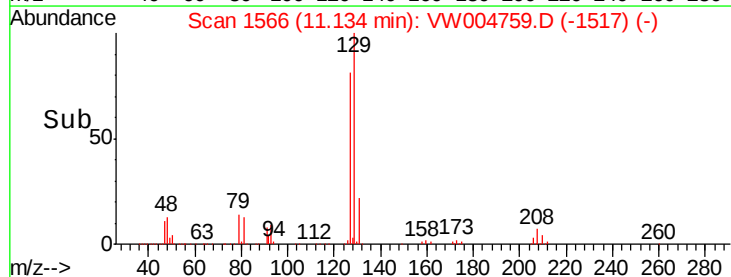
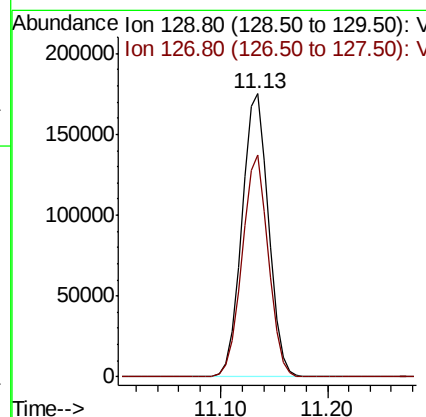
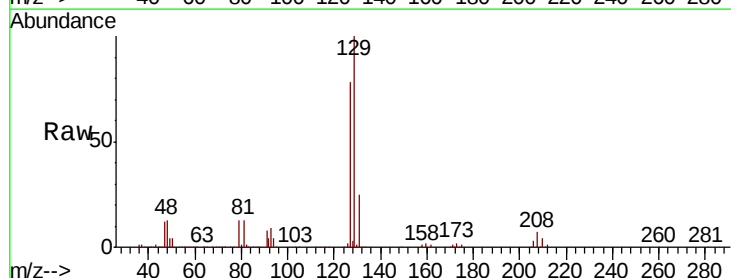
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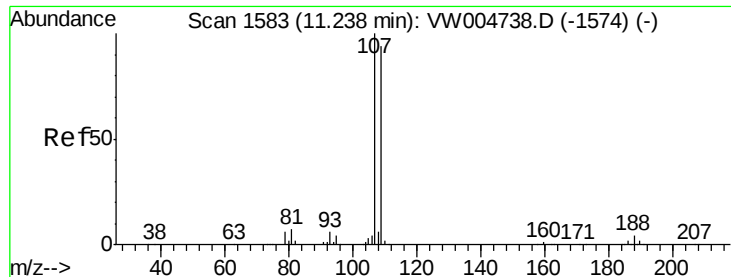
apatel
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#60
Dibromochloromethane
Concen: 54.20 ug/l
RT: 11.13 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VW004759.D
Acq: 18 Aug 2018 04:22

Tgt Ion: 129 Resp: 306743
Ion Ratio Lower Upper
129 100
127 77.2 38.5 115.5





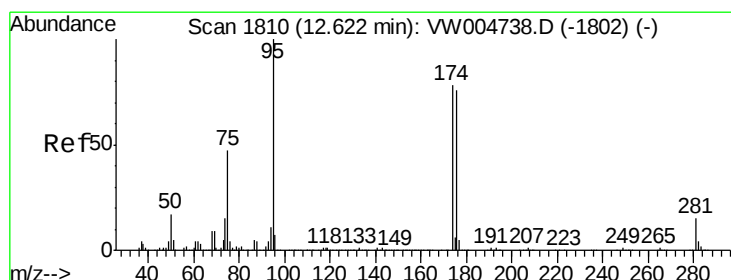
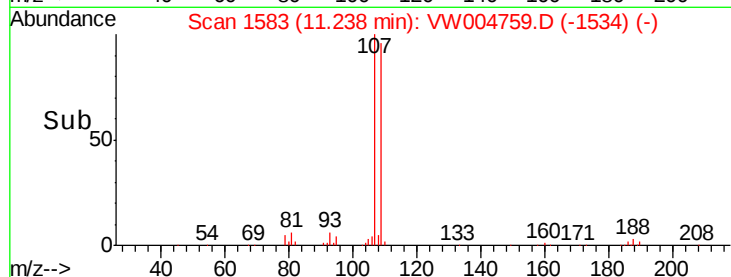
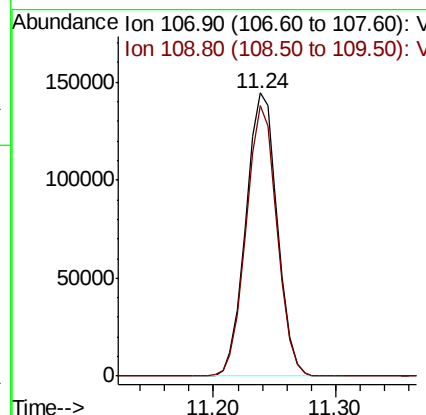
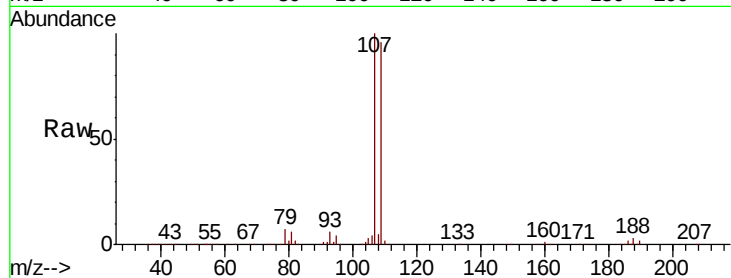
#61
 1,2-Dibromoethane
 Concen: 53.40 ug/l
 RT: 11.24 min Scan# 1583
 Delta R.T. 0.00 min
 Lab File: VW004759.D
 Acq: 18 Aug 2018 04:22

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
107	100		
109	93.8	75.5	113.3

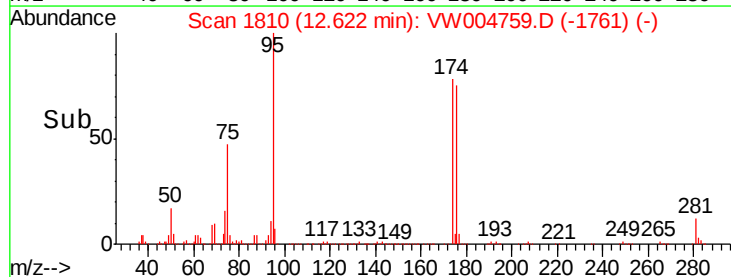
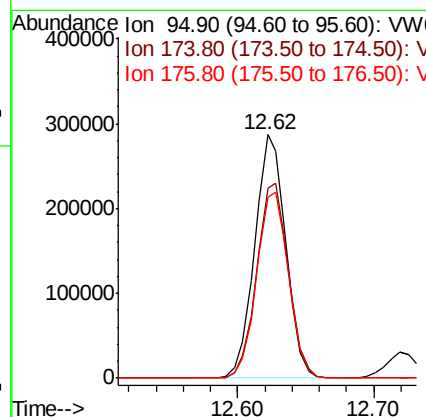
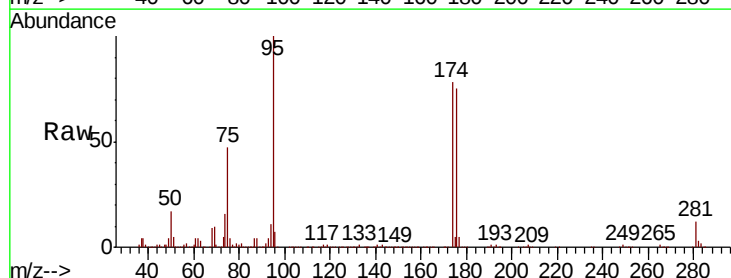
Manual Integrations
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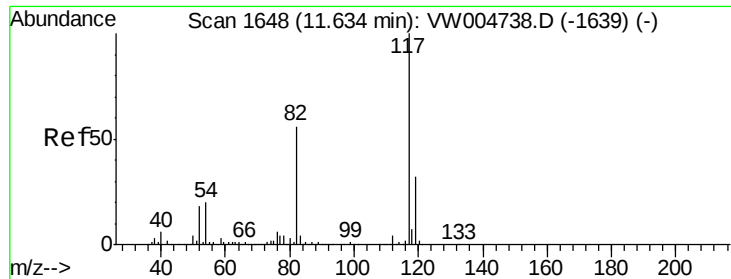
apatel
 8/20/2018 9:56:41 AM



#62
 4-Bromofluorobenzene
 Concen: 52.24 ug/l
 RT: 12.62 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VW004759.D
 Acq: 18 Aug 2018 04:22

Tgt Ion	Ratio	Lower	Upper
95	100		
174	81.7	0.0	165.8
176	78.4	0.0	159.8





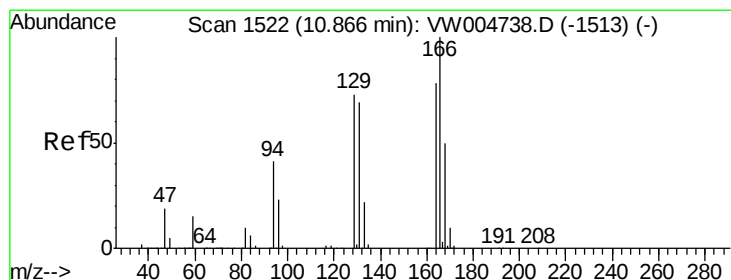
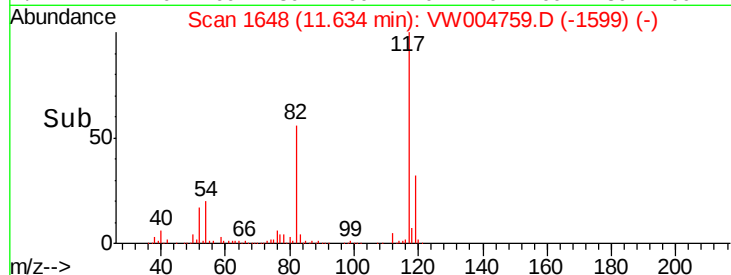
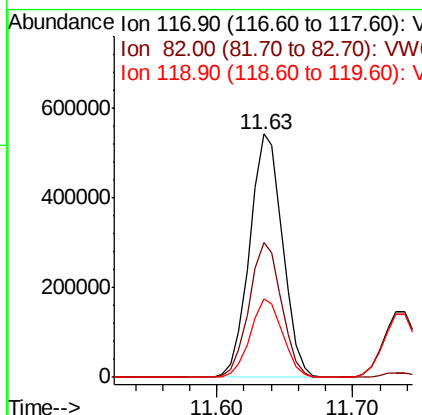
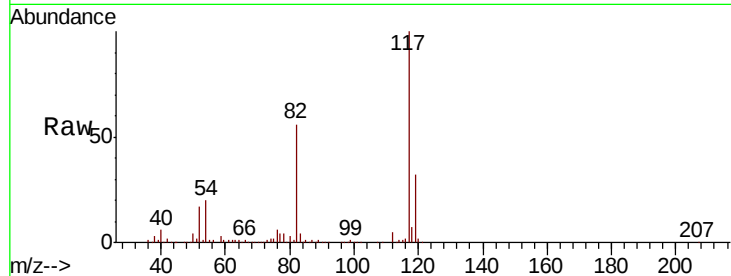
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. 0.00 min
Lab File: VW004759.D
Acq: 18 Aug 2018 04:22

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
117	100	921049		
82	55.6		44.6	67.0
119	32.3		25.6	38.4

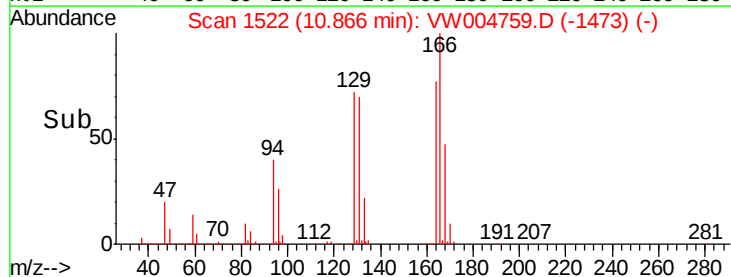
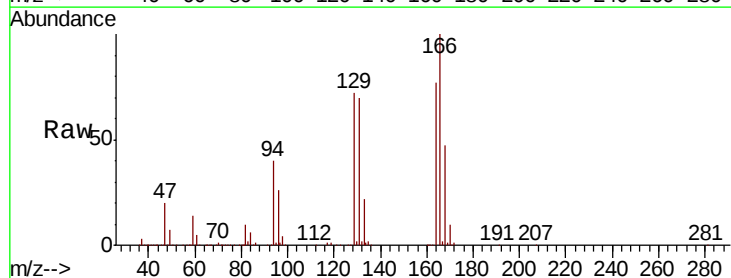
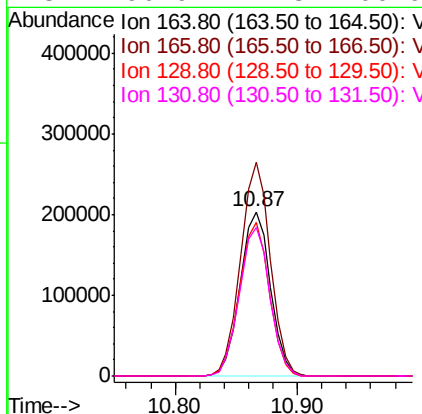
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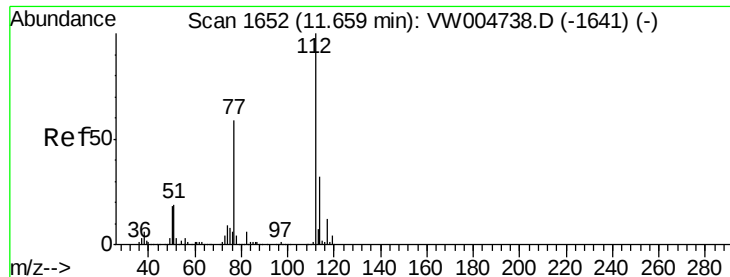
apatel
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#64
Tetrachloroethene
Concen: 55.49 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. 0.00 min
Lab File: VW004759.D
Acq: 18 Aug 2018 04:22

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	349299		
166	130.3		102.5	153.7
129	93.5		75.1	112.7
131	90.9		71.3	106.9





#65

Chlorobenzene

Concen: 52.61 ug/l

RT: 11.66 min Scan# 1653

Delta R.T. 0.01 min

Lab File: VW004759.D

Acq: 18 Aug 2018 04:22

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion:112 Resp: 1042956

Ion Ratio Lower Upper

112 100

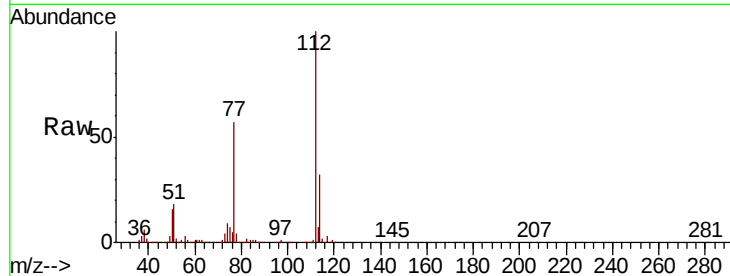
114 32.4 25.4 38.2

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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

11.66

600000

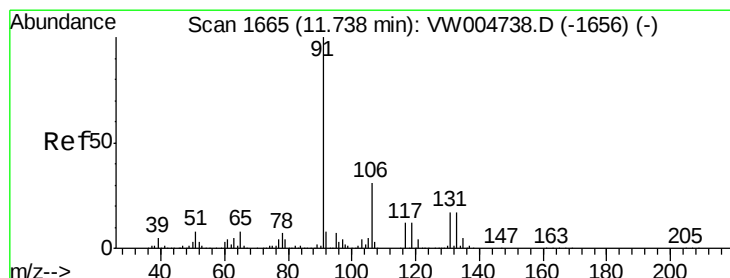
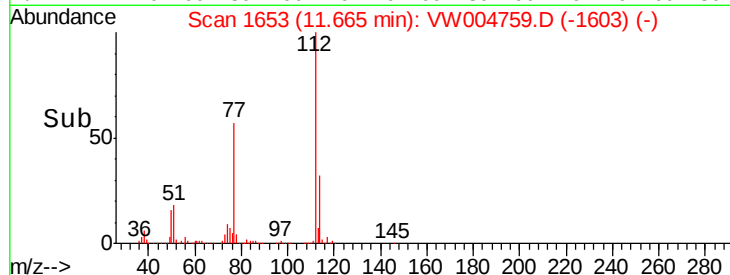
400000

200000

0

Time-->

11.60 11.70 11.80



#66

1,1,1,2-Tetrachloroethane

Concen: 54.01 ug/l

RT: 11.74 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VW004759.D

Acq: 18 Aug 2018 04:22

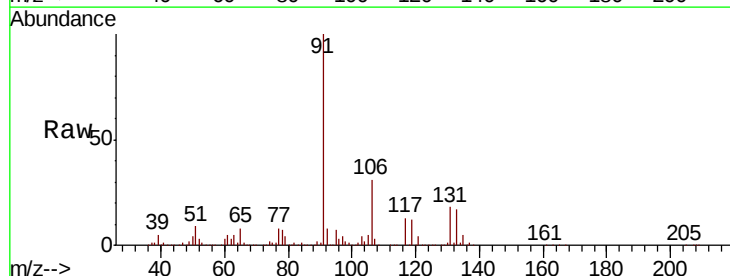
Tgt Ion:131 Resp: 361492

Ion Ratio Lower Upper

131 100

133 95.4 48.2 144.6

119 67.4 34.0 102.0



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

11.74

250000

200000

150000

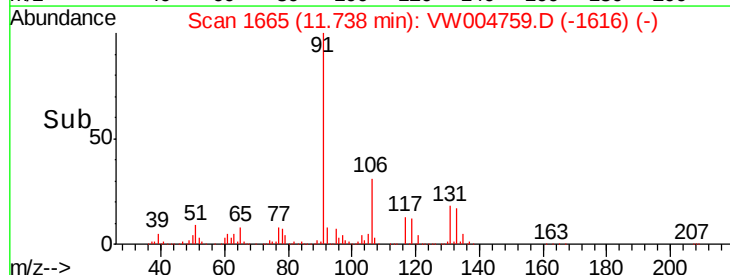
100000

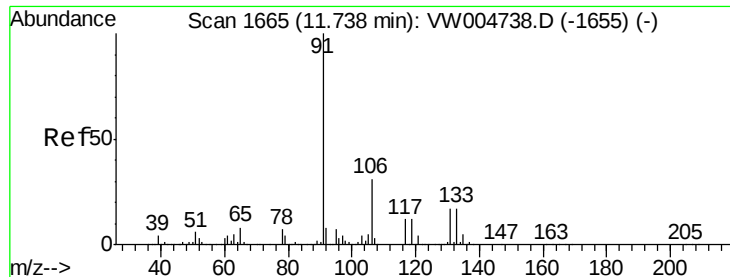
50000

0

Time-->

11.70 11.80





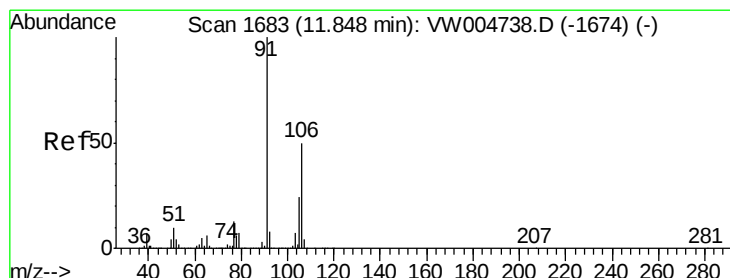
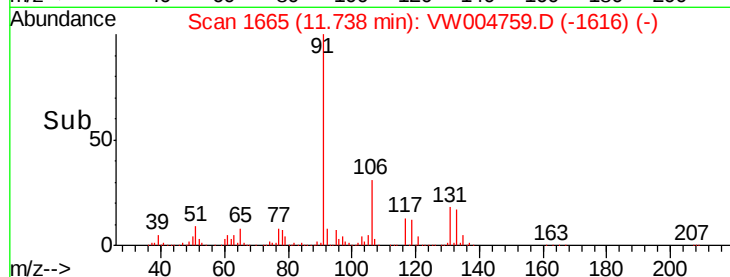
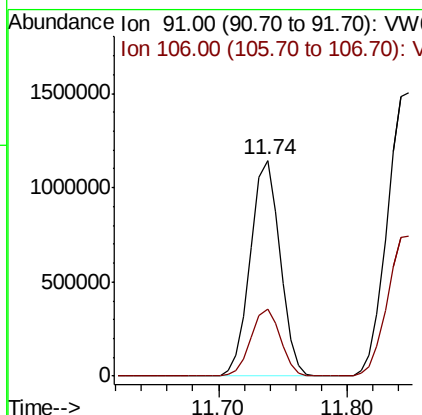
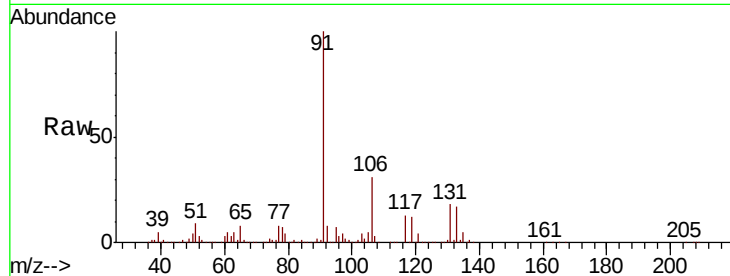
#67
Ethyl Benzene
Concen: 54.23 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. 0.00 min
Lab File: VW004759.D
Acq: 18 Aug 2018 04:22

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 1822562
Ion Ratio Lower Upper
91 100
106 31.1 24.9 37.3

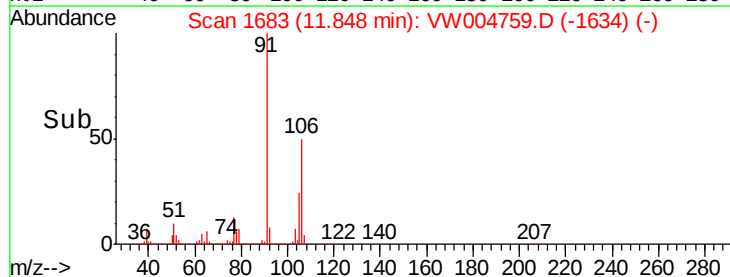
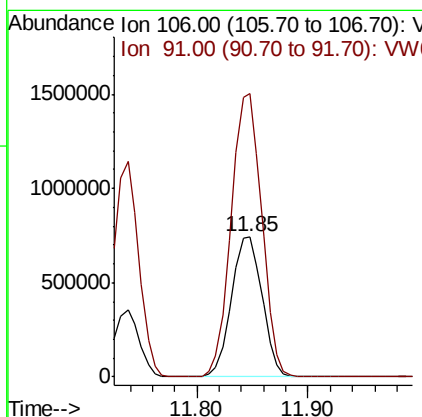
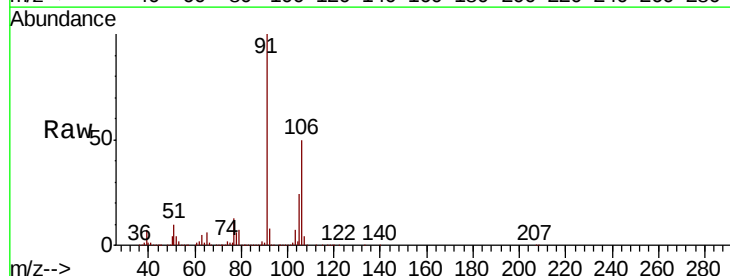
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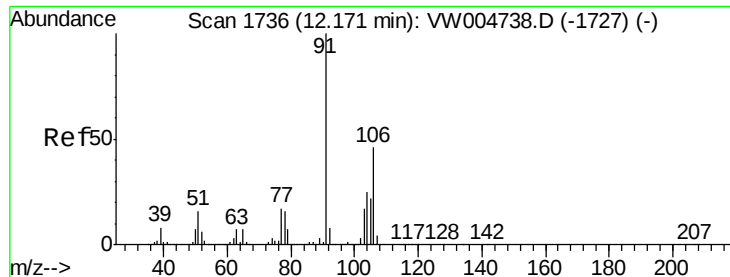
apatel
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#68
m/p-Xylenes
Concen: 108.38 ug/l
RT: 11.85 min Scan# 1683
Delta R.T. 0.00 min
Lab File: VW004759.D
Acq: 18 Aug 2018 04:22

Tgt Ion:106 Resp: 1417041
Ion Ratio Lower Upper
106 100
91 201.4 159.9 239.9





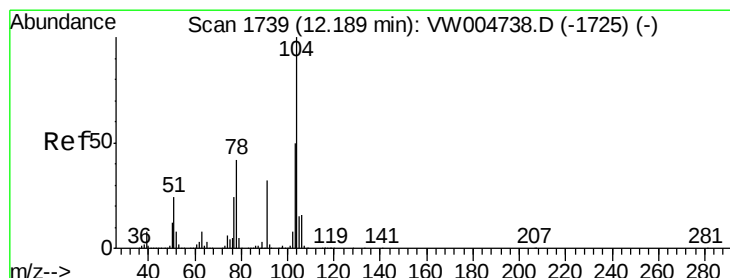
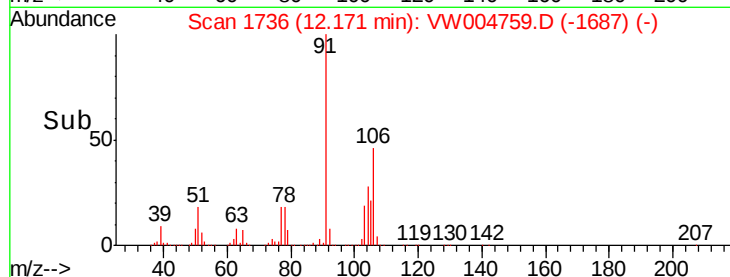
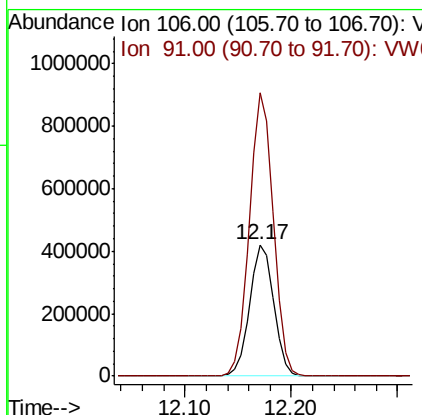
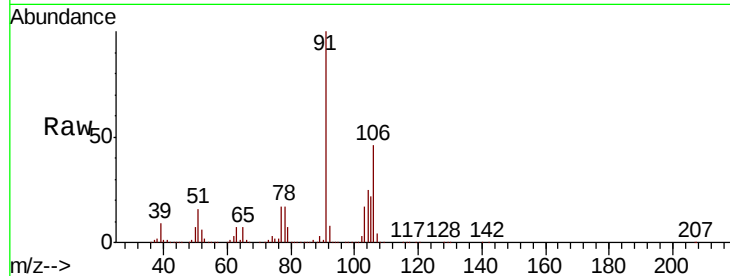
#69
o-Xylene
Concen: 55.39 ug/l
RT: 12.17 min Scan# 1736
Delta R.T. 0.00 min
Lab File: VW004759.D
Acq: 18 Aug 2018 04:22

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ion	Ratio	Lower	Upper
106	100			
91	213.2	107.3	321.8	

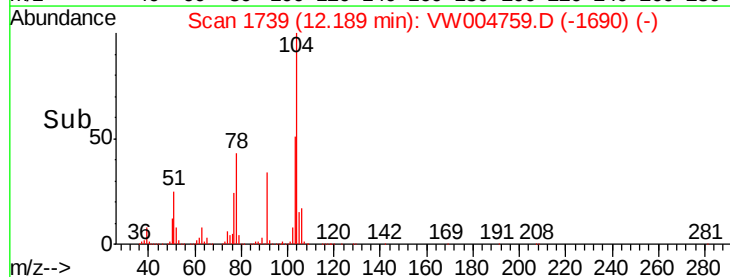
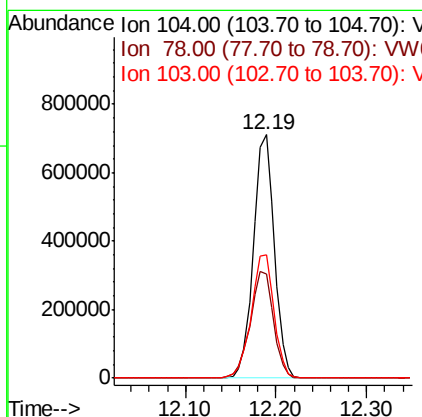
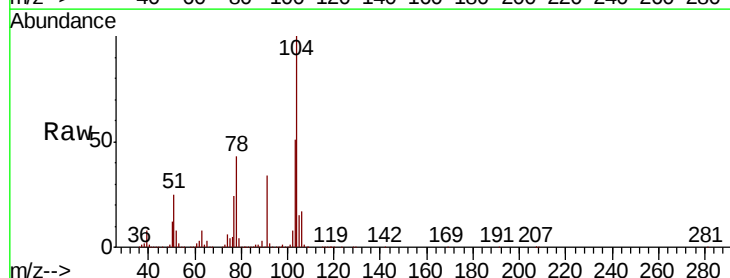
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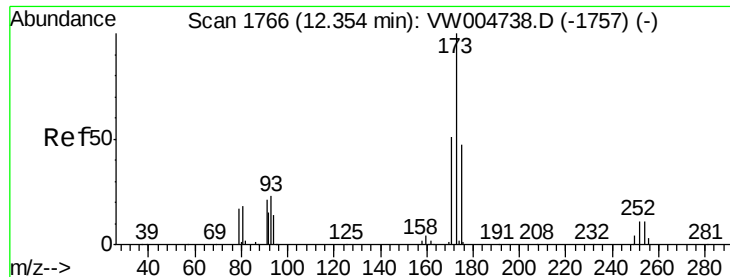
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#70
Styrene
Concen: 56.10 ug/l
RT: 12.19 min Scan# 1739
Delta R.T. 0.00 min
Lab File: VW004759.D
Acq: 18 Aug 2018 04:22

Tgt Ion	Ion	Ratio	Lower	Upper
104	100			
78	48.3	38.4	57.6	
103	55.1	44.1	66.1	





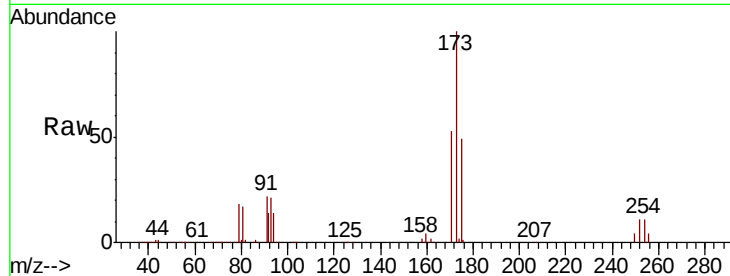
#71
Bromoform
Concen: 52.54 ug/l
RT: 12.35 min Scan# 1766
Delta R.T. 0.00 min
Lab File: VW004759.D
Acq: 18 Aug 2018 04:22

Instrument :
MSVOA_W
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
173	100		
175	49.1	23.8	71.4
254	0.2	0.1	0.1#

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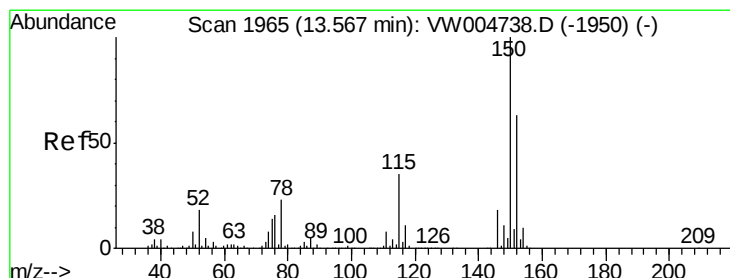
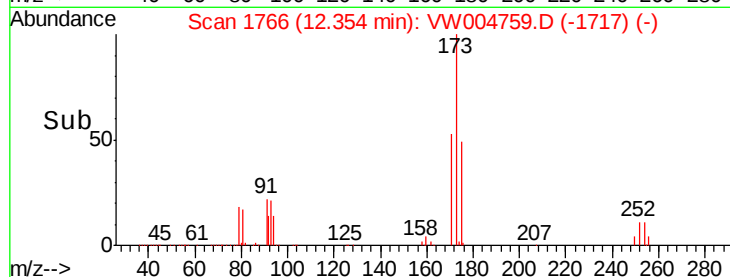
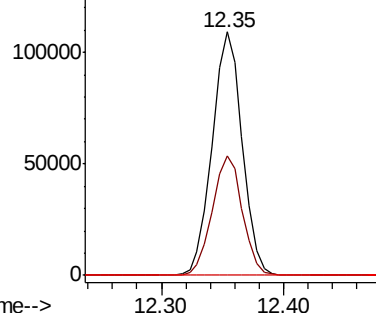


Abundance

Ion 172.70 (172.40 to 173.40): V

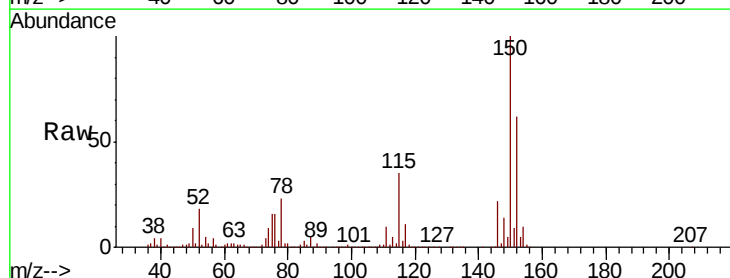
Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. 0.00 min
Lab File: VW004759.D
Acq: 18 Aug 2018 04:22

Tgt Ion	Ratio	Lower	Upper
152	100		
115	57.1	28.5	85.5
150	173.5	0.0	344.8

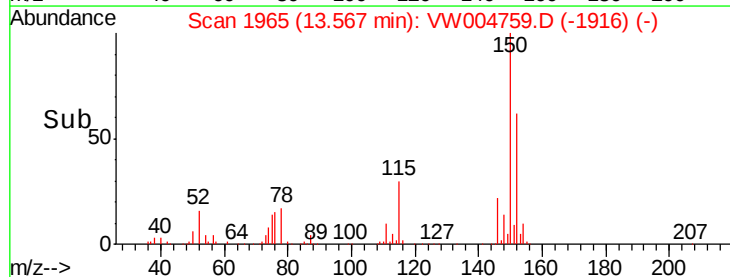
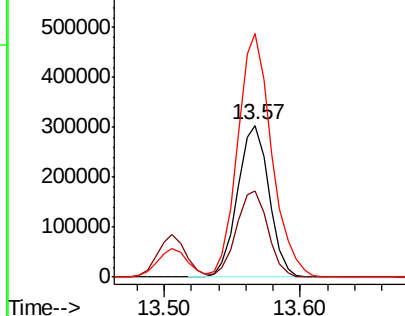


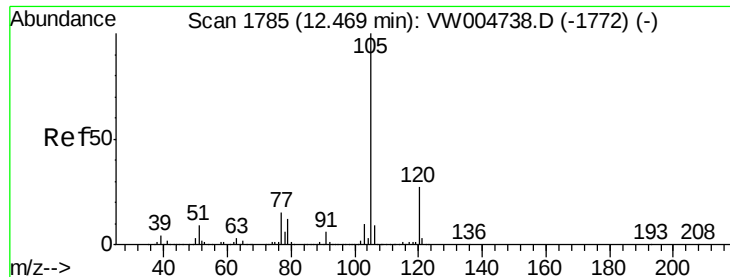
Abundance

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: 54.90 ug/l

RT: 12.47 min Scan# 1785

Delta R.T. 0.00 min

Lab File: VW004759.D

Acq: 18 Aug 2018 04:22

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 1828410

Ion Ratio Lower Upper

105 100

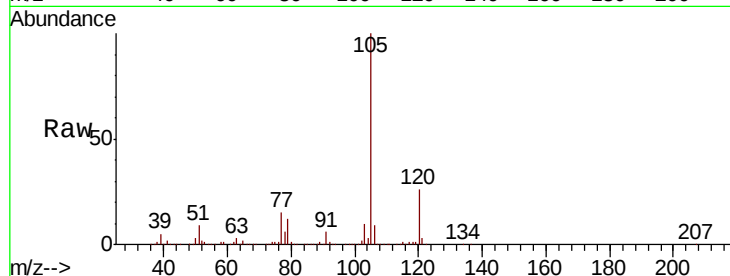
120 26.3 13.3 39.9

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

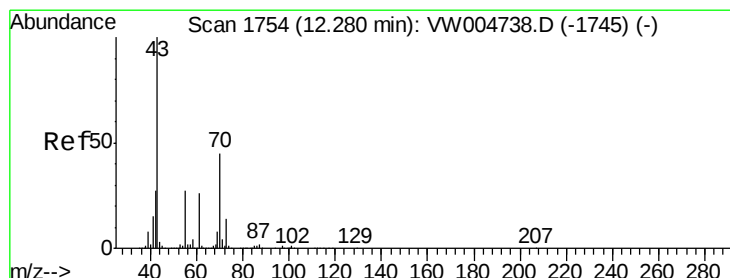
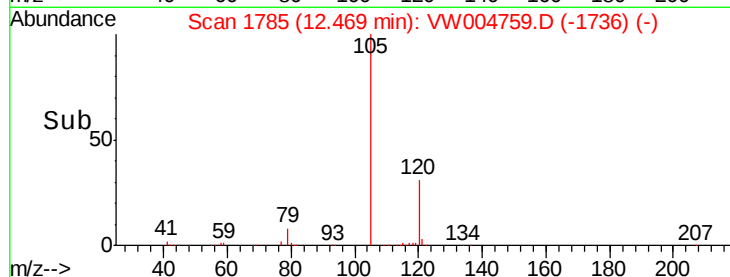
12.47

1000000

500000

0

Time--> 12.30 12.40 12.50 12.60



#74

N-ethyl acetate

Concen: 49.33 ug/l

RT: 12.28 min Scan# 1754

Delta R.T. 0.00 min

Lab File: VW004759.D

Acq: 18 Aug 2018 04:22

Tgt Ion: 43 Resp: 384376

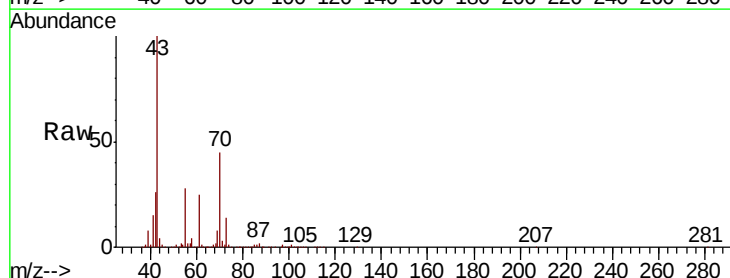
Ion Ratio Lower Upper

43 100

70 44.7 36.3 54.5

55 28.1 22.6 33.8

61 25.0 20.2 30.4



Abundance Ion 43.00 (42.70 to 43.70): VV

Ion 70.00 (69.70 to 70.70): VV

Ion 55.00 (54.70 to 55.70): VV

Ion 61.00 (60.70 to 61.70): VV

400000

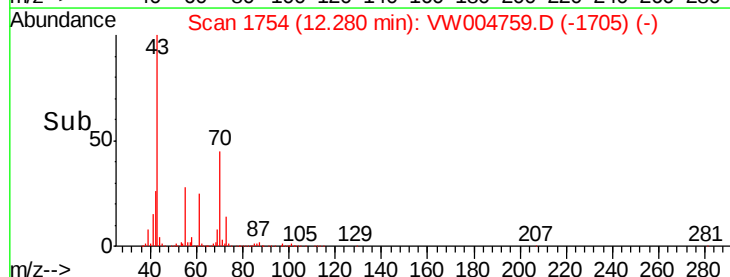
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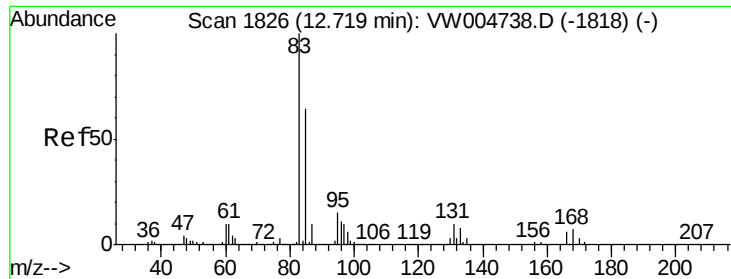
200000

100000

0

Time--> 12.20 12.30 12.40





#75

1,1,2,2-Tetrachloroethane

Concen: 52.54 ug/l

RT: 12.72 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VW004759.D

Acq: 18 Aug 2018 04:22

Instrument :

MSVOA_W

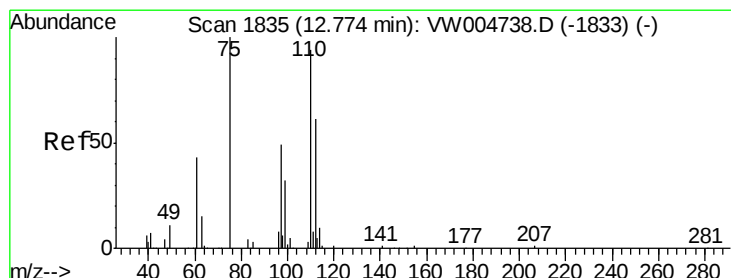
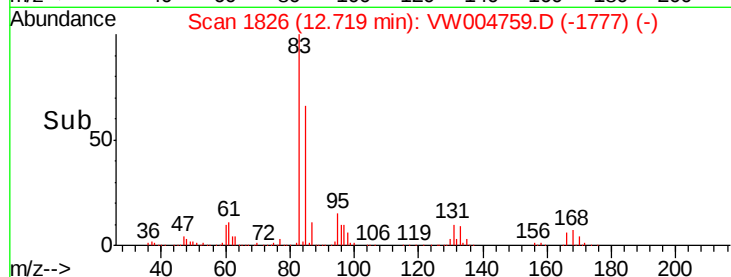
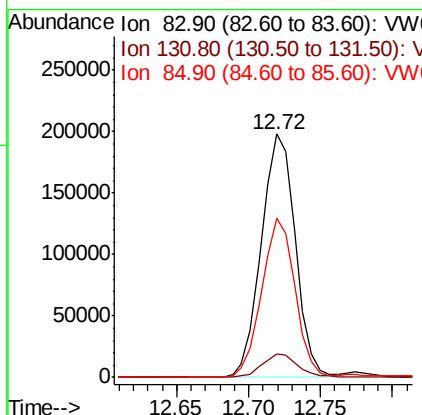
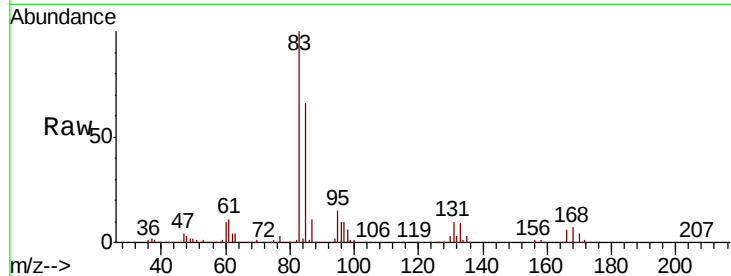
ClientSampled :

VSTDCCC050

Tot Ion:	83	Resp:	324167
Ion Ratio	Lower	Upper	
83	100		
131	10.2	5.3	15.8
85	63.9	31.9	95.9

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#76

1,2,3-Trichloropropane

Concen: 50.36 ug/l m

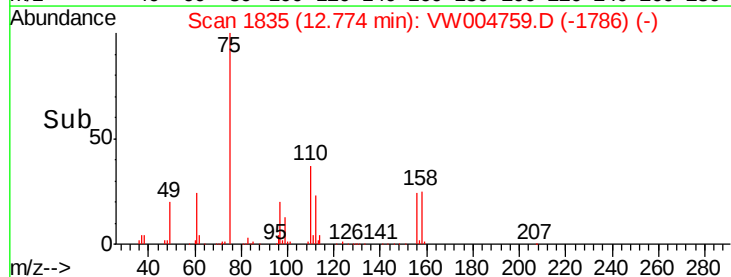
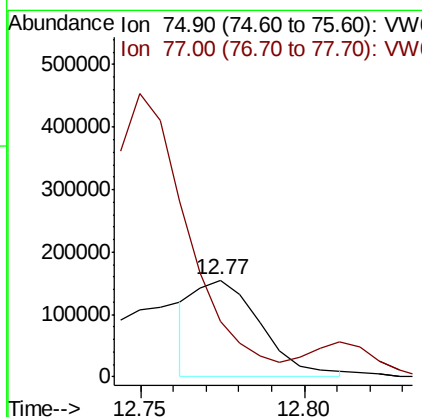
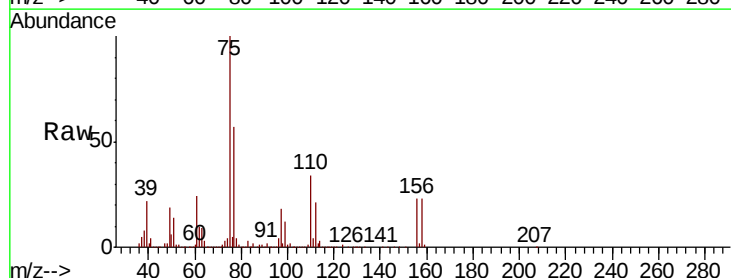
RT: 12.77 min Scan# 1835

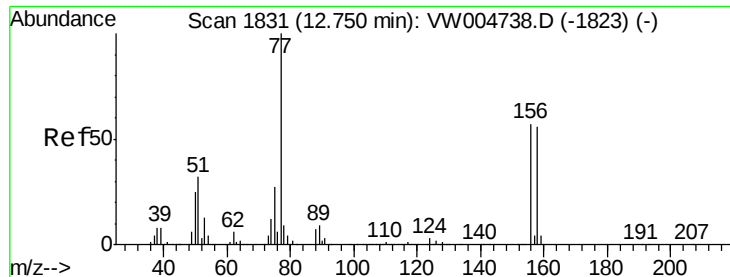
Delta R.T. 0.00 min

Lab File: VW004759.D

Acq: 18 Aug 2018 04:22

Tgt Ion:	75	Resp:	217361
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





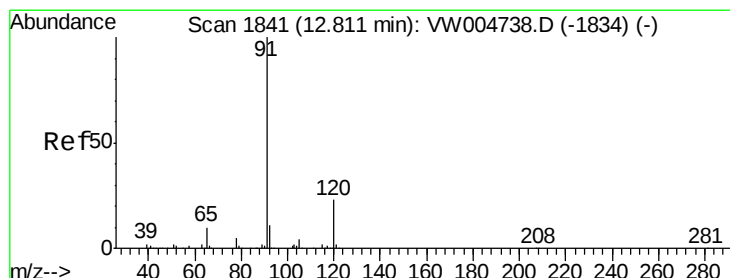
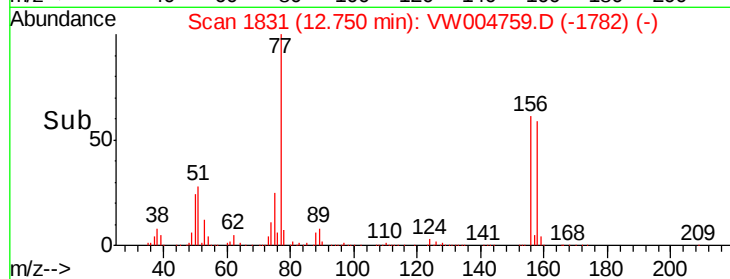
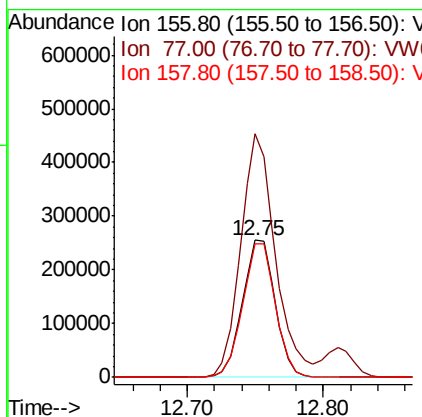
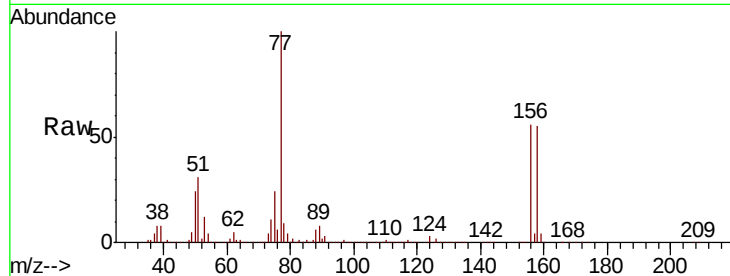
#77
Bromobenzene
Concen: 53.21 ug/l
RT: 12.75 min Scan# 1831
Delta R.T. 0.00 min
Lab File: VW004759.D
Acq: 18 Aug 2018 04:22

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
156	100		
77	187.9	94.2	282.4
158	97.5	48.6	145.9

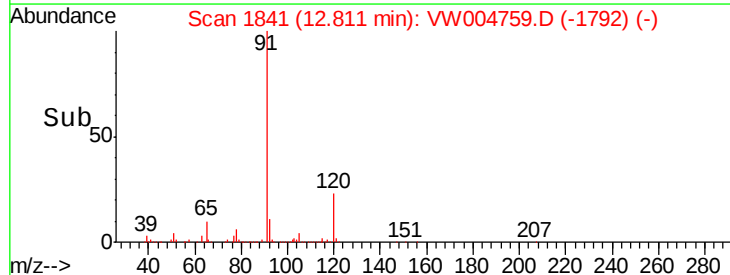
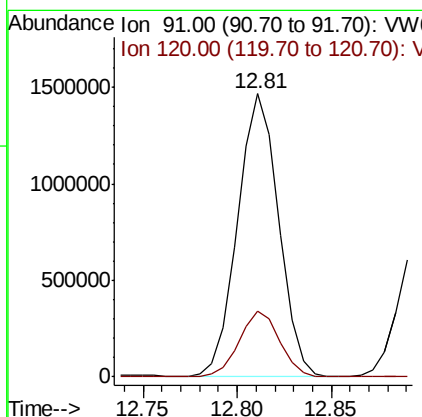
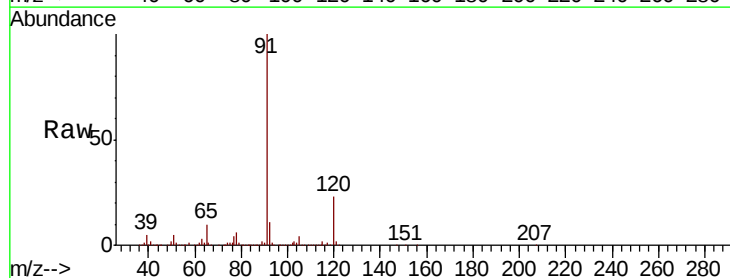
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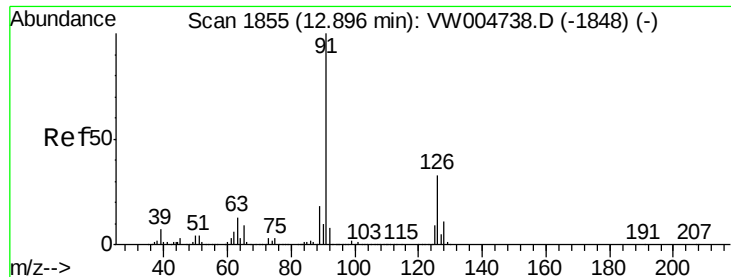
apatel
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#78
n-propylbenzene
Concen: 54.40 ug/l
RT: 12.81 min Scan# 1841
Delta R.T. 0.00 min
Lab File: VW004759.D
Acq: 18 Aug 2018 04:22

Tgt Ion	Ratio	Lower	Upper
91	100		
120	22.9	11.4	34.2





#79

2-Chlorotoluene

Concen: 54.39 ug/l

RT: 12.90 min Scan# 1855

Delta R.T. 0.00 min

Lab File: VW004759.D

Acq: 18 Aug 2018 04:22

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 1274085

Ion Ratio Lower Upper

91 100

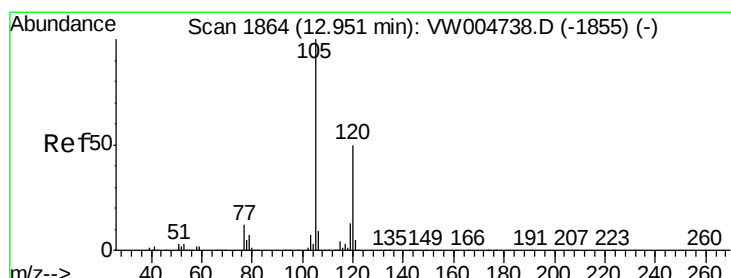
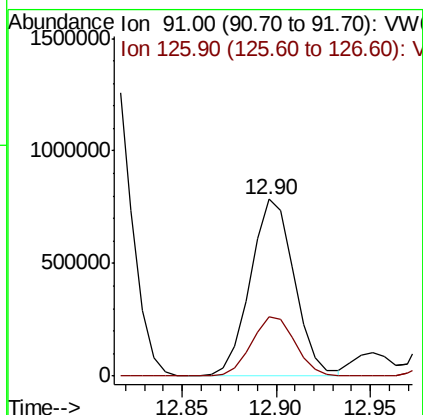
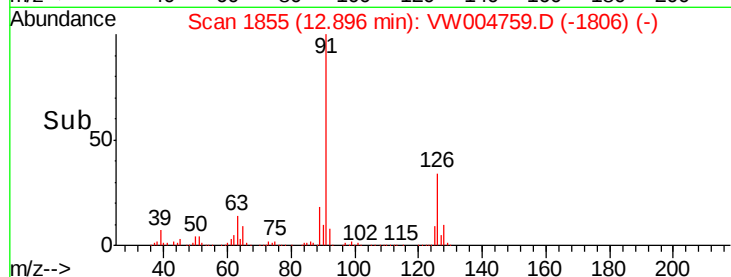
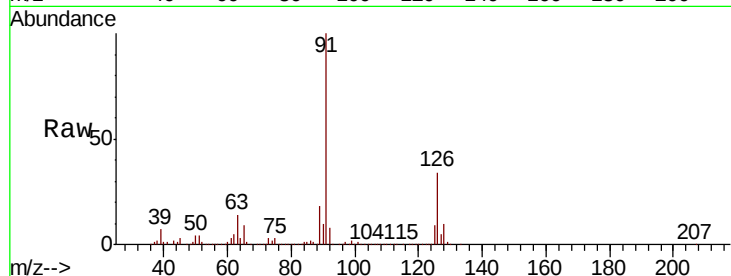
126 33.5 17.0 51.0

Manual Integrations

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#80

1,3,5-Trimethylbenzene

Concen: 55.47 ug/l

RT: 12.95 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VW004759.D

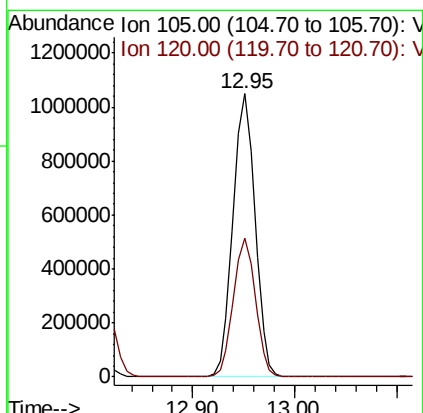
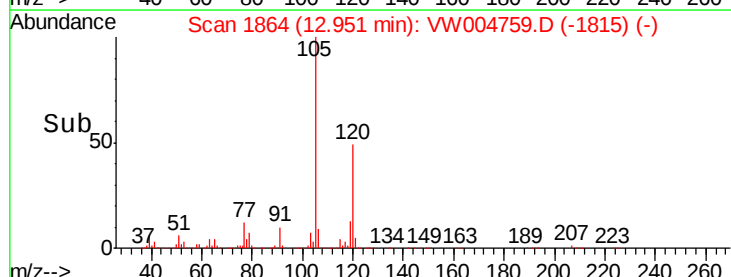
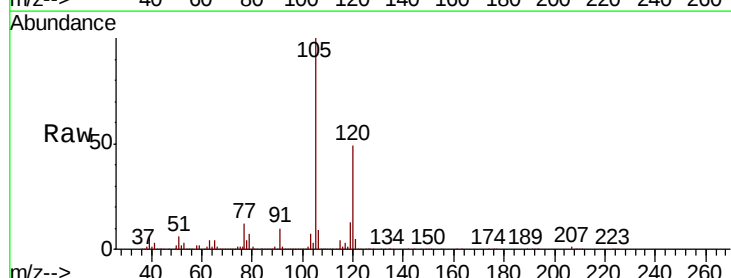
Acq: 18 Aug 2018 04:22

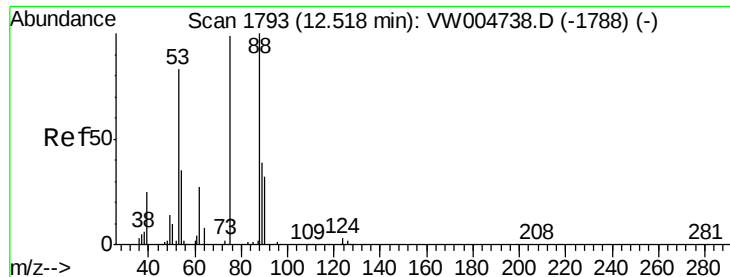
Tgt Ion:105 Resp: 1569440

Ion Ratio Lower Upper

105 100

120 49.1 24.7 74.1





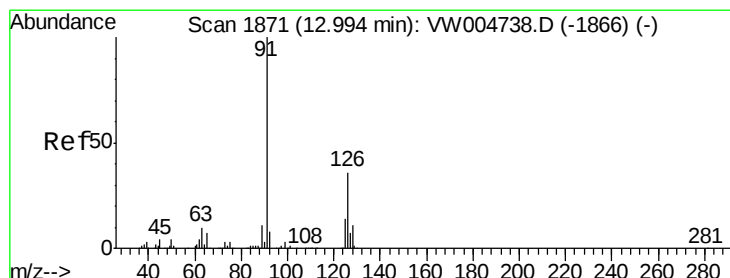
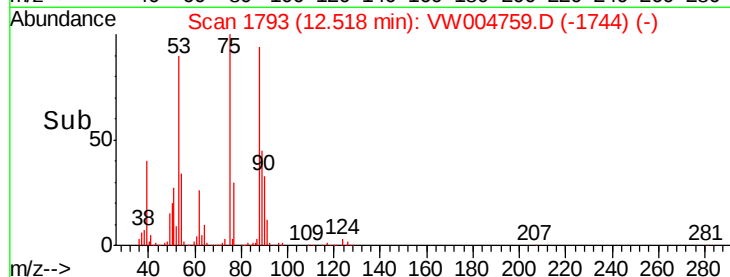
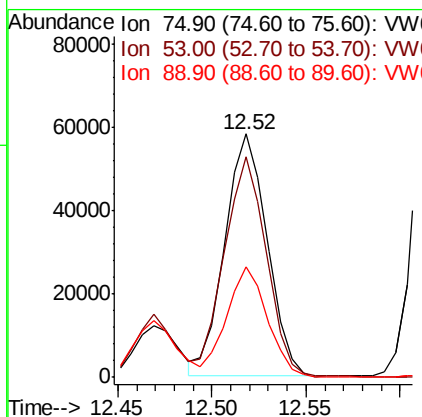
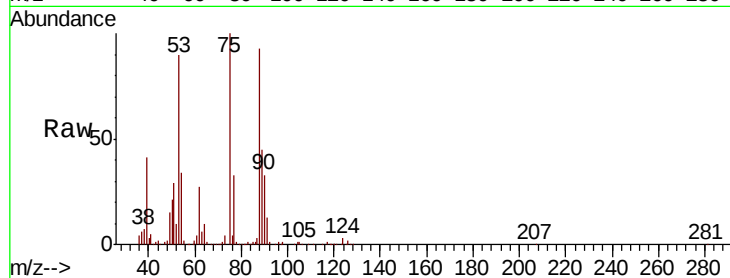
#81
trans-1,4-Dichloro-2-butene
Concen: 48.86 ug/l
RT: 12.52 min Scan# 1793
Delta R.T. 0.00 min
Lab File: VW004759.D
Acq: 18 Aug 2018 04:22

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	91.1	72.2	108.4
89	43.7	35.2	52.8

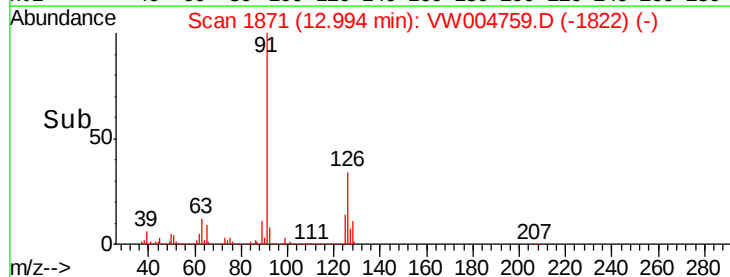
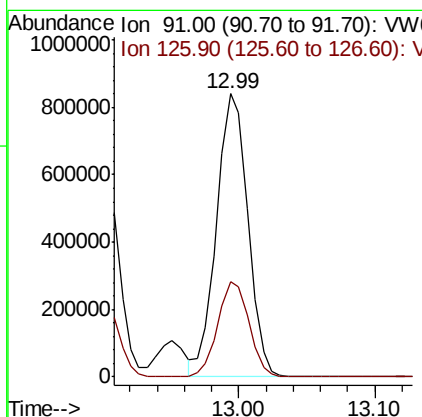
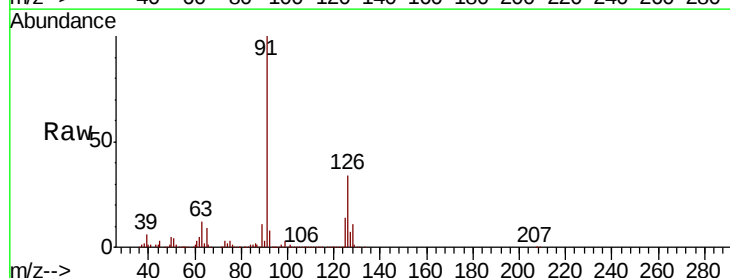
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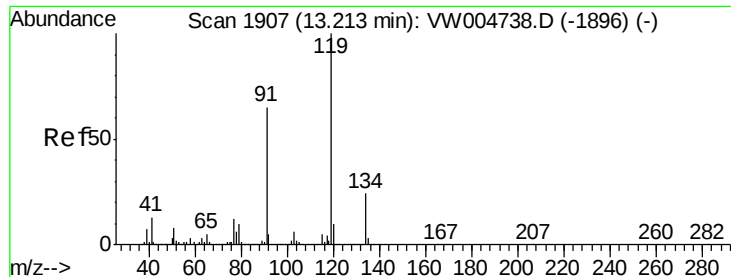
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#82
4-Chlorotoluene
Concen: 53.86 ug/l
RT: 12.99 min Scan# 1871
Delta R.T. 0.00 min
Lab File: VW004759.D
Acq: 18 Aug 2018 04:22

Tgt Ion	Ratio	Lower	Upper
91	100		
126	33.6	16.9	50.7





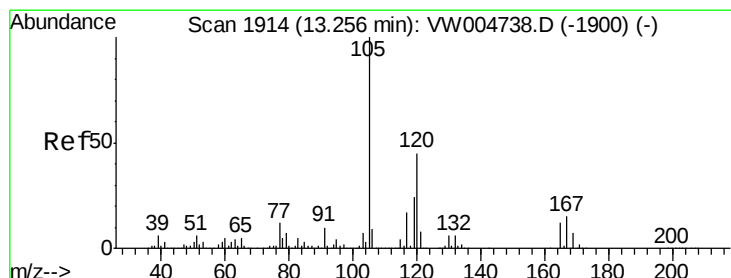
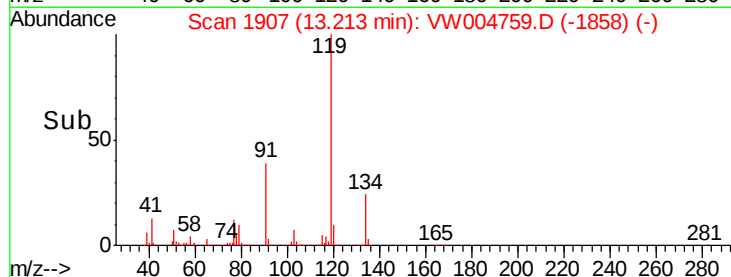
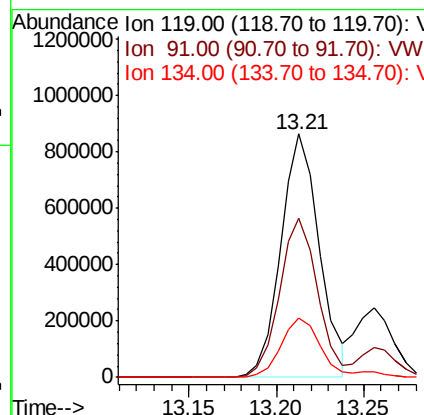
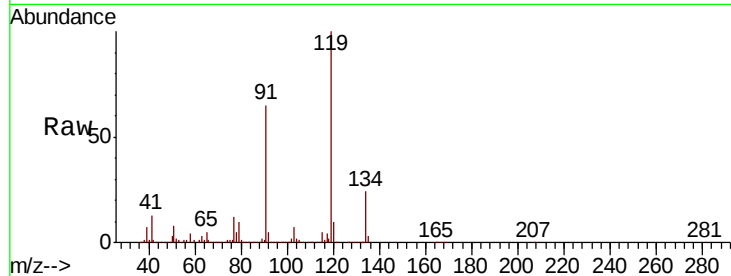
#83
 tert-Butylbenzene
 Concen: 54.85 ug/l
 RT: 13.21 min Scan# 1907
 Delta R.T. 0.00 min
 Lab File: VW004759.D
 Acq: 18 Aug 2018 04:22

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
119	100		
91	65.7	32.6	97.8
134	26.3	13.1	39.3

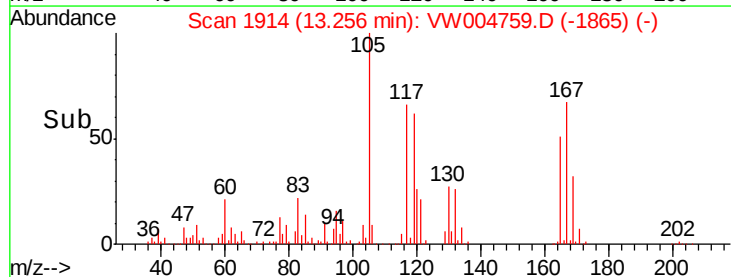
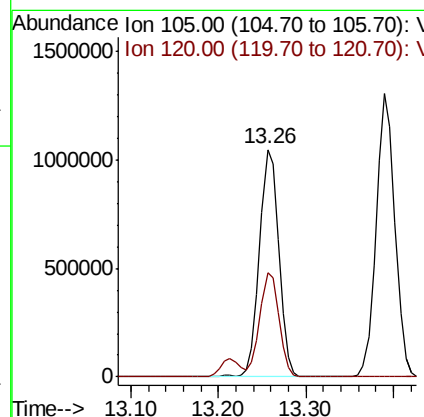
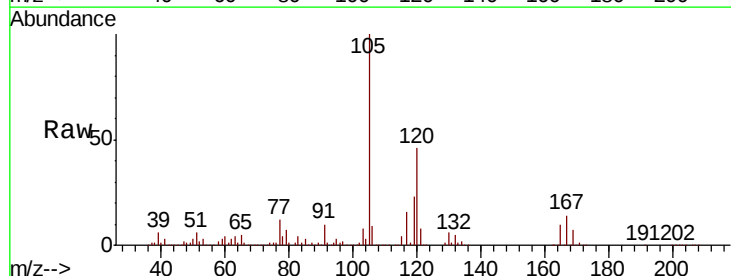
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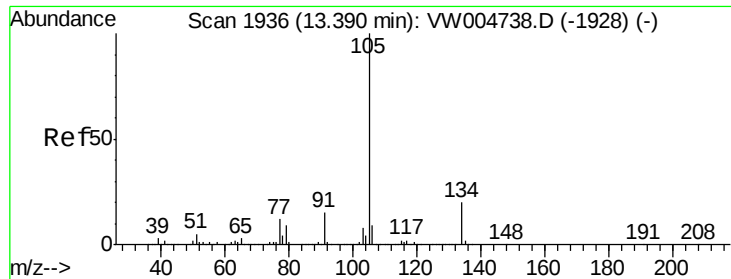
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#84
 1,2,4-Trimethylbenzene
 Concen: 55.41 ug/l
 RT: 13.26 min Scan# 1914
 Delta R.T. 0.00 min
 Lab File: VW004759.D
 Acq: 18 Aug 2018 04:22

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.4	22.8	68.3





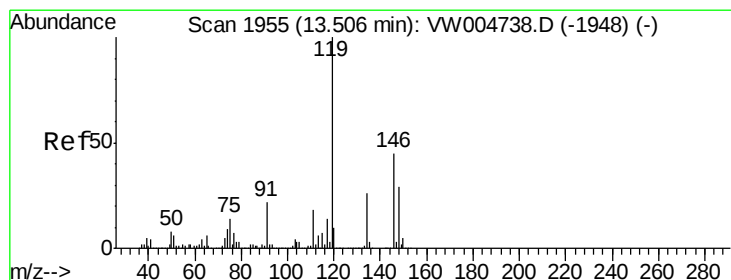
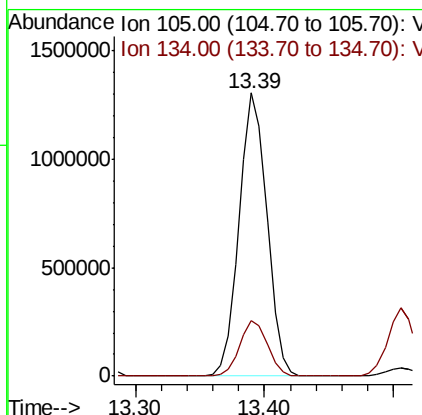
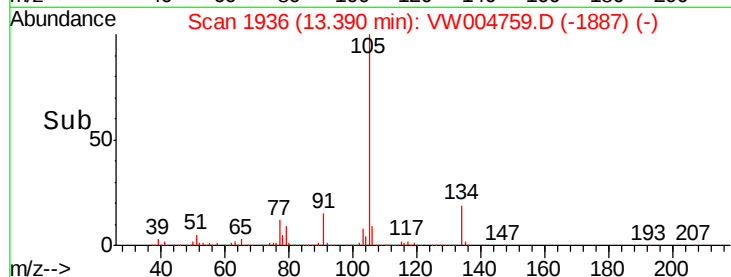
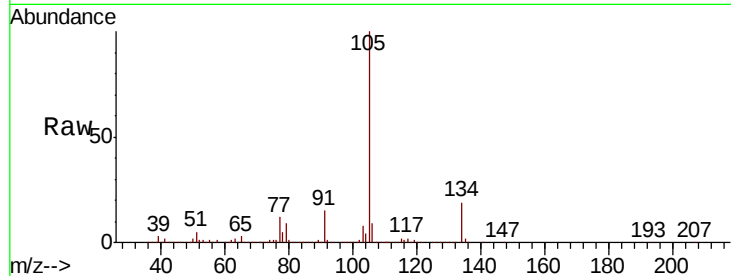
#85
 sec-Butylbenzene
 Concen: 53.89 ug/l
 RT: 13.39 min Scan# 1936
 Delta R.T. 0.00 min
 Lab File: VW004759.D
 Acq: 18 Aug 2018 04:22

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion:105 Resp: 1947213
 Ion Ratio Lower Upper
 105 100
 134 19.7 10.0 29.8

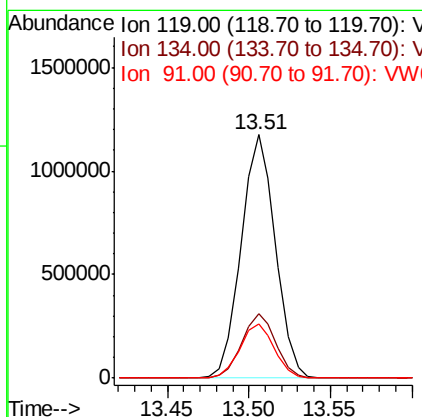
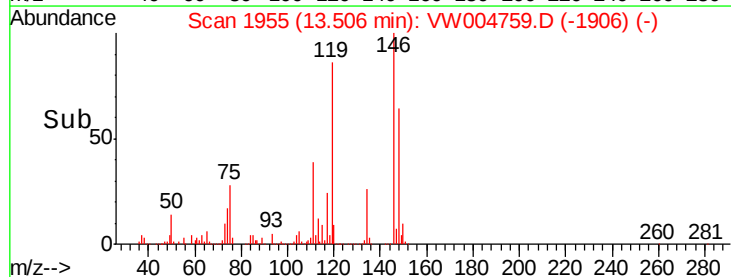
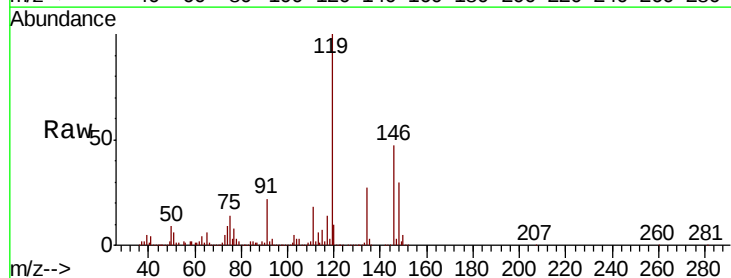
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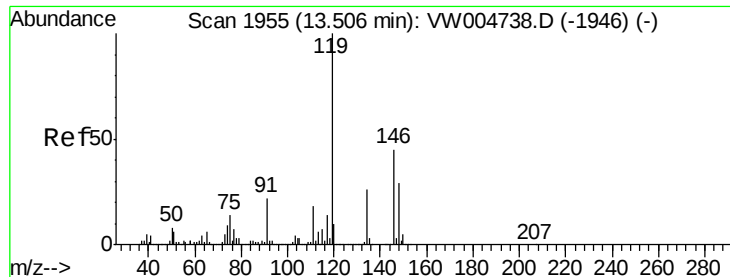
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#86
 p-Isopropyltoluene
 Concen: 54.41 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. 0.00 min
 Lab File: VW004759.D
 Acq: 18 Aug 2018 04:22

Tgt Ion:119 Resp: 1710590
 Ion Ratio Lower Upper
 119 100
 134 26.3 13.1 39.3
 91 22.5 11.2 33.5





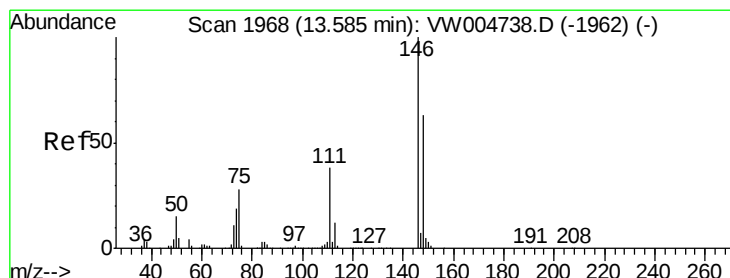
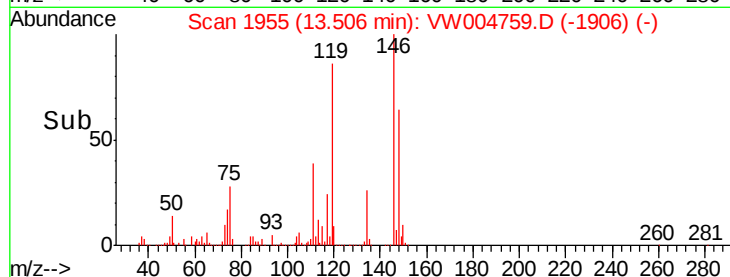
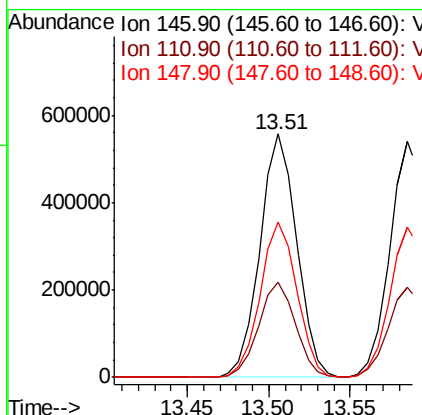
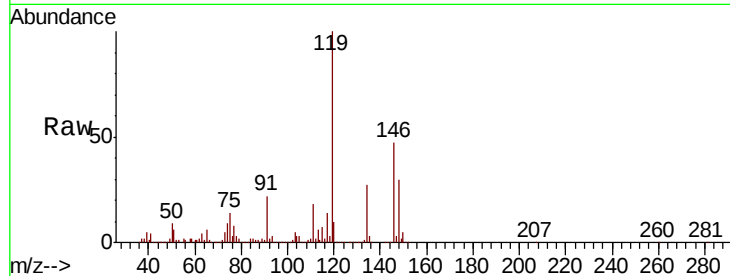
#87
 1,3-Dichlorobenzene
 Concen: 53.00 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. 0.00 min
 Lab File: VW004759.D
 Acq: 18 Aug 2018 04:22

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.1	19.8	59.4
148	63.8	31.9	95.9

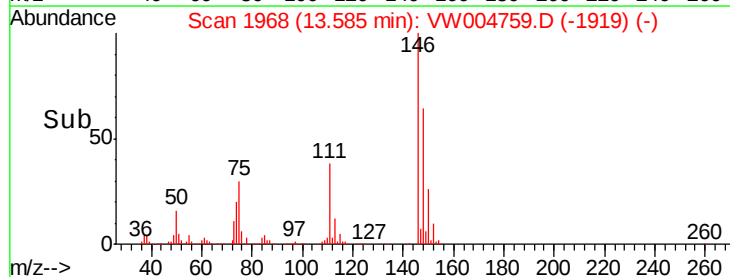
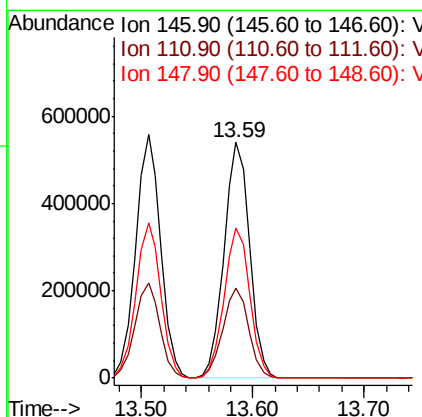
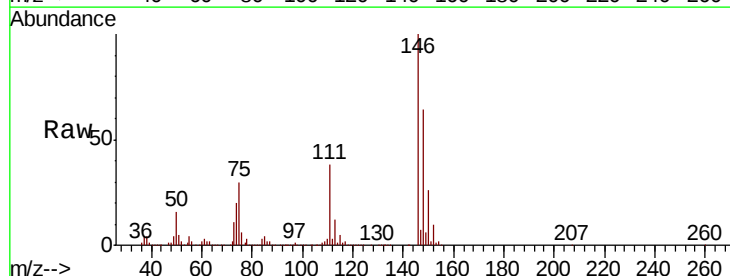
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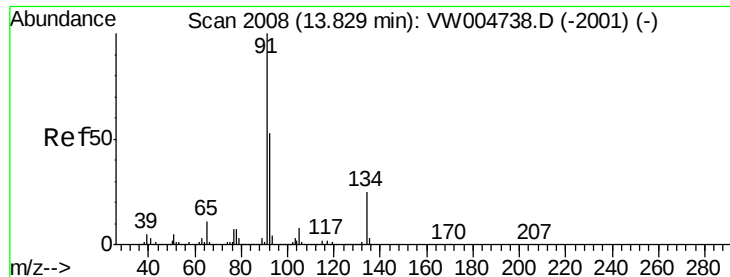
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#88
 1,4-Dichlorobenzene
 Concen: 52.10 ug/l
 RT: 13.59 min Scan# 1968
 Delta R.T. 0.00 min
 Lab File: VW004759.D
 Acq: 18 Aug 2018 04:22

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.7	19.3	57.8
148	64.0	31.8	95.3





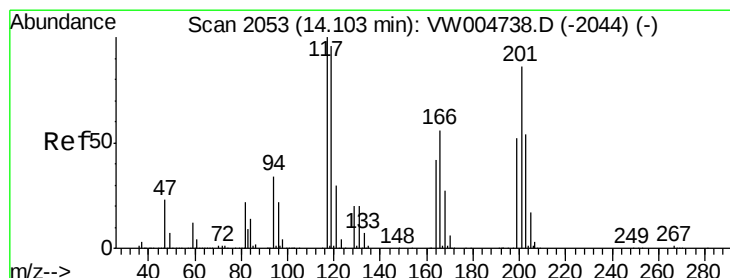
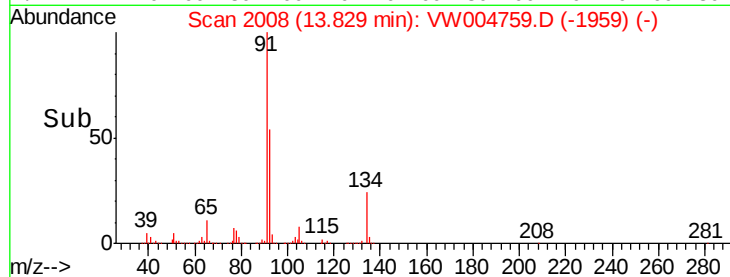
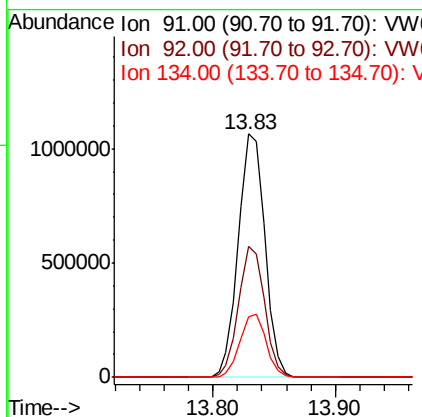
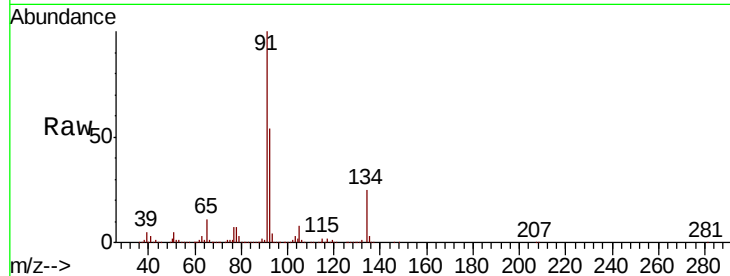
#89
n-Butylbenzene
Concen: 52.79 ug/l
RT: 13.83 min Scan# 2008
Delta R.T. 0.00 min
Lab File: VW004759.D
Acq: 18 Aug 2018 04:22

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.8	26.4	79.2
134	25.5	12.8	38.3

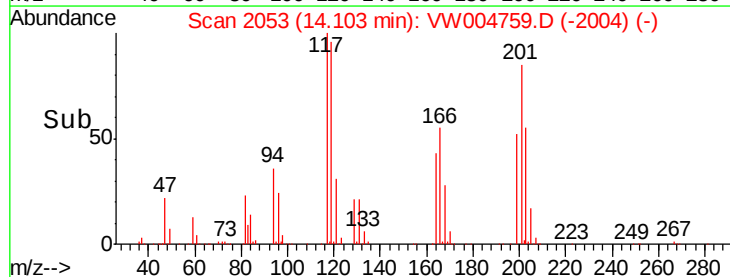
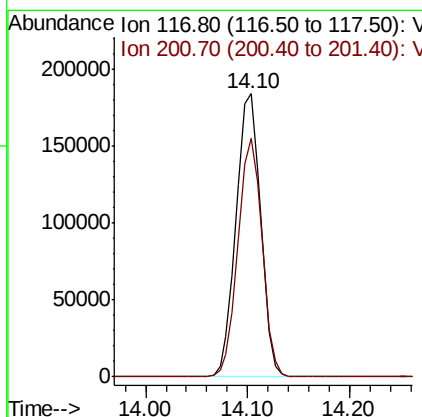
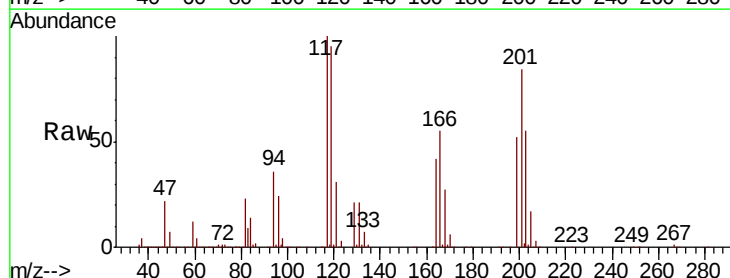
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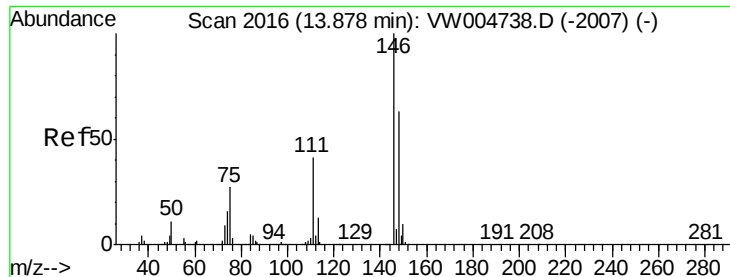
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#90
Hexachloroethane
Concen: 53.36 ug/l
RT: 14.10 min Scan# 2053
Delta R.T. 0.00 min
Lab File: VW004759.D
Acq: 18 Aug 2018 04:22

Tgt Ion	Ratio	Lower	Upper
117	100		
201	82.7	42.4	127.2





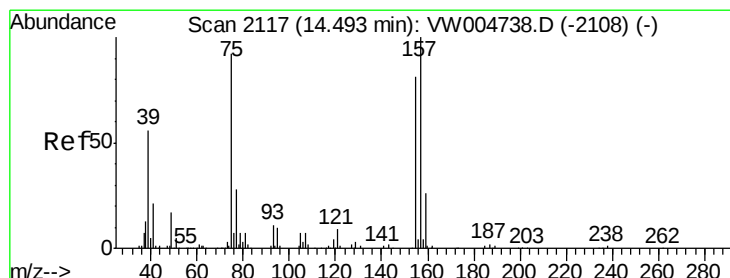
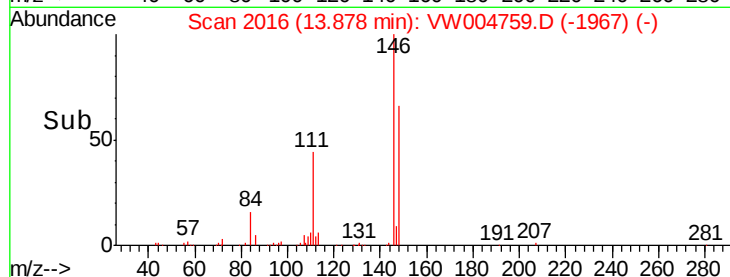
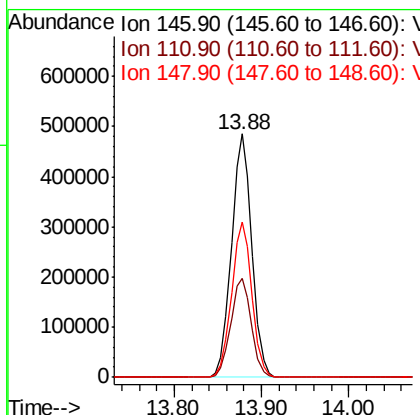
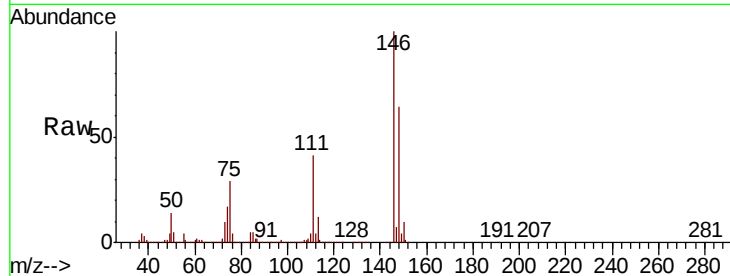
#91
 1,2-Dichlorobenzene
 Concen: 53.11 ug/l
 RT: 13.88 min Scan# 2016
 Delta R.T. 0.00 min
 Lab File: VW004759.D
 Acq: 18 Aug 2018 04:22

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.0	20.4	61.3
148	63.8	31.6	95.0

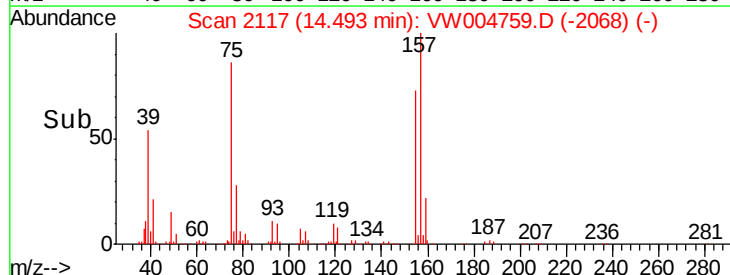
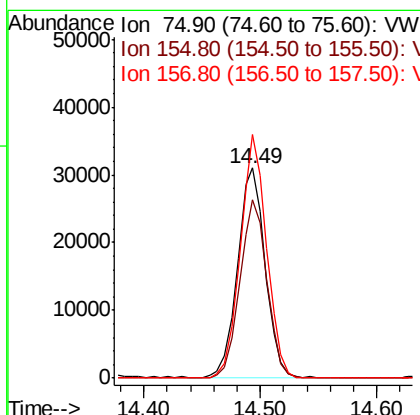
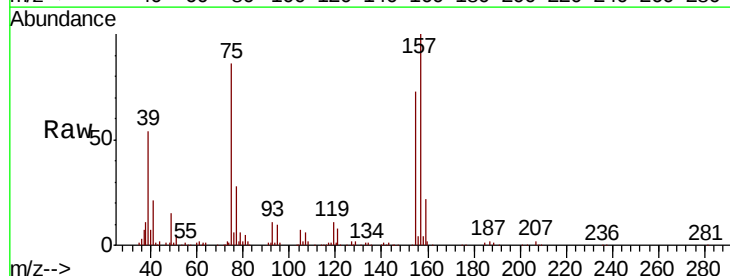
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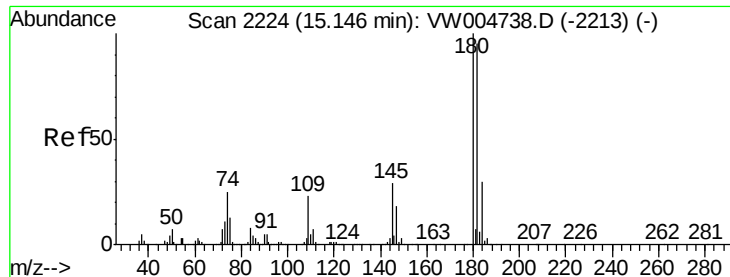
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 52.48 ug/l
 RT: 14.49 min Scan# 2117
 Delta R.T. 0.00 min
 Lab File: VW004759.D
 Acq: 18 Aug 2018 04:22

Tgt Ion	Ratio	Lower	Upper
75	100		
155	83.8	43.3	129.9
157	111.0	54.5	163.6





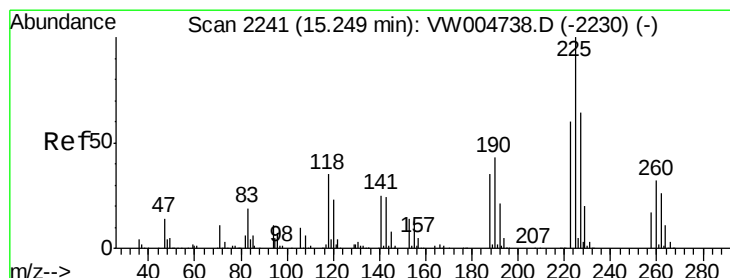
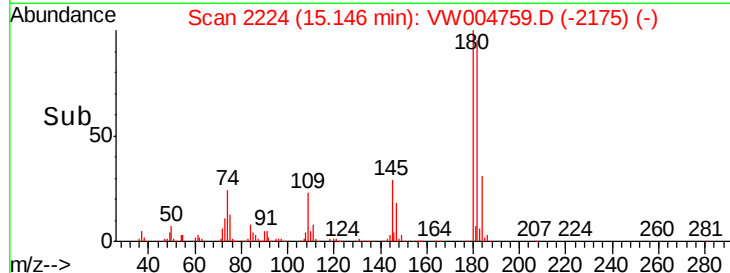
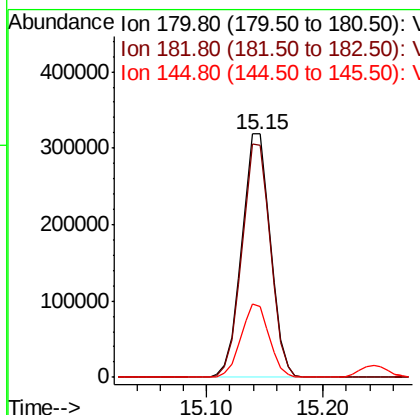
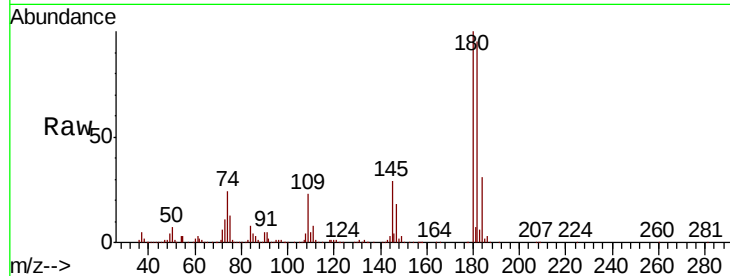
#93
 1,2,4-Trichlorobenzene
 Concen: 52.54 ug/l
 RT: 15.15 min Scan# 2224
 Delta R.T. 0.00 min
 Lab File: VW004759.D
 Acq: 18 Aug 2018 04:22

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	547375		
182	95.6	47.3	141.8	
145	29.6	14.6	43.8	

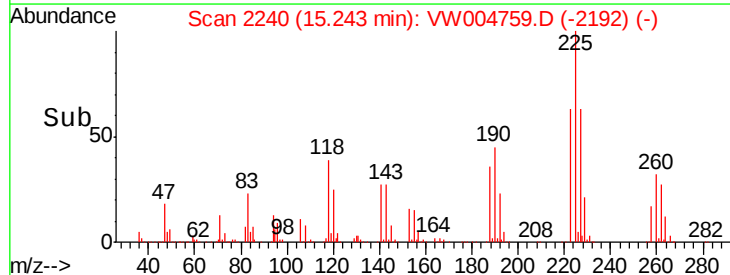
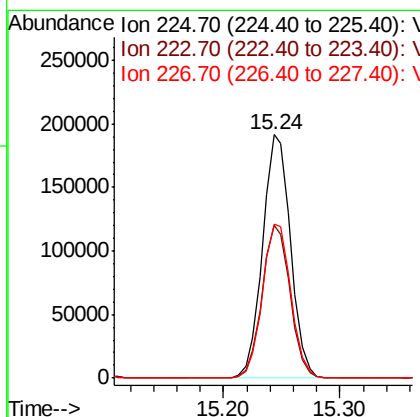
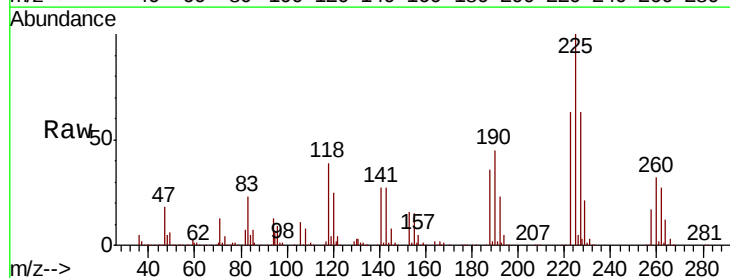
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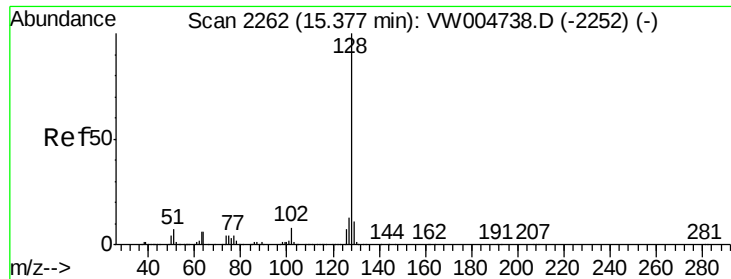
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#94
 Hexachlorobutadiene
 Concen: 50.10 ug/l
 RT: 15.24 min Scan# 2240
 Delta R.T. -0.01 min
 Lab File: VW004759.D
 Acq: 18 Aug 2018 04:22

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	320323		
223	62.9	30.9	92.5	
227	64.1	32.0	96.0	





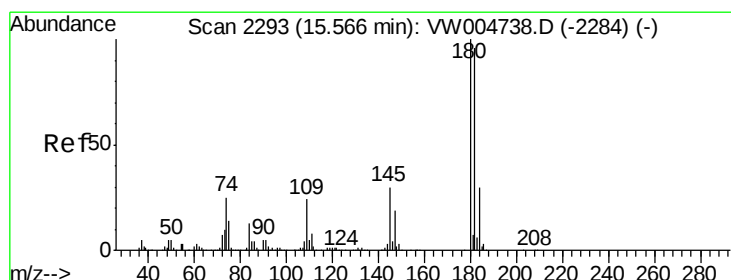
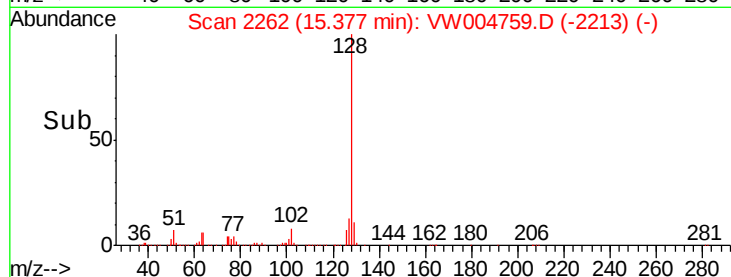
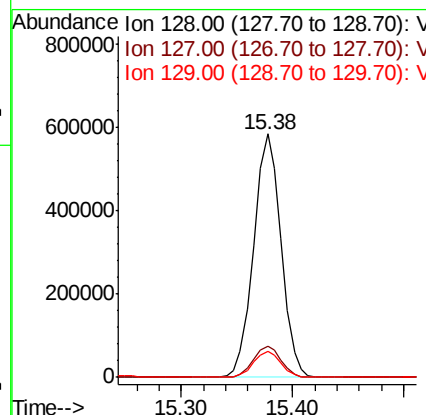
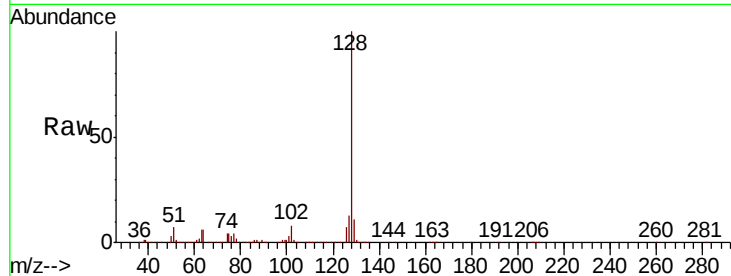
#95
Naphthalene
Concen: 49.59 ug/l
RT: 15.38 min Scan# 2262
Delta R.T. 0.00 min
Lab File: VW004759.D
Acq: 18 Aug 2018 04:22

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.4	15.6
129	10.8	8.6	13.0

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 53.49 ug/l
RT: 15.57 min Scan# 2293
Delta R.T. 0.00 min
Lab File: VW004759.D
Acq: 18 Aug 2018 04:22

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.1	47.3	142.0
145	31.1	15.4	46.1

