

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082118\
 Data File : VW004859.D
 Acq On : 22 Aug 2018 00:11
 Operator : SY/AP
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Manual Integrations
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apatel
 8/22/2018 11:25:38 AM

Quant Time: Aug 22 07:23:06 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	608635	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	923972	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	870940	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	453744	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	298534	50.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.46%	
35) Dibromofluoromethane	7.88	113	306954	51.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.96%	
50) Toluene-d8	10.33	98	1217154	52.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.60%	
62) 4-Bromofluorobenzene	12.62	95	441322	53.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.42%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	176537	43.79	ug/l	90
3) Chloromethane	2.22	50	235480	44.67	ug/l	100
4) Vinyl Chloride	2.37	62	392165	50.54	ug/l	98
5) Bromomethane	2.78	94	244533	51.03	ug/l	100
6) Chloroethane	2.93	64	242066	51.71	ug/l	99
7) Trichlorofluoromethane	3.26	101	195529	53.49	ug/l	97
8) Diethyl Ether	3.68	74	168660	51.03	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.06	101	319653	50.79	ug/l	99
10) Methyl Iodide	4.27	142	503617	52.69	ug/l	100
11) Tert butyl alcohol	5.21	59	78259	238.05	ug/l	99
12) 1,1-Dichloroethene	4.03	96	318277	50.74	ug/l	97
13) Acrolein	3.90	56	119064	269.89	ug/l	99
14) Allyl chloride	4.67	41	491454	51.63	ug/l	99
15) Acrylonitrile	5.37	53	351661	253.73	ug/l	100
16) Acetone	4.14	43	324299	215.90	ug/l	99
17) Carbon Disulfide	4.38	76	1033609	50.15	ug/l	99
18) Methyl Acetate	4.68	43	173921	54.03	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	436021	53.55	ug/l	99
20) Methylene Chloride	4.91	84	359476	52.64	ug/l	99
21) trans-1,2-Dichloroethene	5.42	96	348111	52.16	ug/l	99
22) Diisopropyl ether	6.31	45	1022604	55.90	ug/l	99
23) Vinyl Acetate	6.26	43	2708009	261.69	ug/l	100
24) 1,1-Dichloroethane	6.21	63	622820	52.39	ug/l	99
25) 2-Butanone	7.18	43	511851	239.16	ug/l	99
26) 2,2-Dichloropropane	7.17	77	333860	48.62	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	379311	52.80	ug/l	99
28) Bromochloromethane	7.51	49	259880	51.91	ug/l	98
29) Tetrahydrofuran	7.54	42	277821	254.57	ug/l	100
30) Chloroform	7.68	83	613828	52.50	ug/l	100
31) Cyclohexane	7.96	56	570455	49.61	ug/l	99
32) 1,1,1-Trichloroethane	7.88	97	479918	51.78	ug/l	99
36) 1,1-Dichloropropene	8.09	75	484579	50.91	ug/l	99
37) Ethyl Acetate	7.26	43	187488	49.41	ug/l	99
38) Carbon Tetrachloride	8.07	117	442962	50.56	ug/l	97

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	609606	51.21	ug/l	98
40) Benzene	8.33	78	1442673	52.15	ug/l	99
41) Methacrylonitrile	7.49	41	105588	49.03	ug/l	94
42) 1,2-Dichloroethane	8.40	62	364439	51.38	ug/l	100
43) Isopropyl Acetate	8.43	43	342178	50.21	ug/l	99
44) Trichloroethene	9.09	130	355324	50.60	ug/l	99
45) 1,2-Dichloropropane	9.37	63	354981	52.46	ug/l	99
46) Dibromomethane	9.46	93	168948	50.40	ug/l	100
47) Bromodichloromethane	9.65	83	409693	51.17	ug/l	97
48) Methyl methacrylate	9.44	41	162197	50.72	ug/l	98
49) 1,4-Dioxane	9.48	88	56750	1158.73	ug/l #	84
51) 4-Methyl-2-Pentanone	10.21	43	1192437	258.87	ug/l	99
52) Toluene	10.39	92	885344	53.36	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	414183	51.35	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	497449	51.73	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	246898	51.81	ug/l	97
56) Ethyl methacrylate	10.65	69	299802	48.27	ug/l	100
57) 1,3-Dichloropropane	10.94	76	430345	52.32	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	716555	272.29	ug/l	100
59) 2-Hexanone	10.98	43	797969	255.67	ug/l	100
60) Dibromochloromethane	11.13	129	277985	52.00	ug/l	99
61) 1,2-Dibromoethane	11.24	107	234758	51.54	ug/l	100
64) Tetrachloroethene	10.87	164	315296	52.97	ug/l	99
65) Chlorobenzene	11.66	112	961478	51.29	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.74	131	327307	51.71	ug/l	99
67) Ethyl Benzene	11.74	91	1711480	53.86	ug/l	99
68) m/p-Xylenes	11.85	106	1329527	107.54	ug/l	100
69) o-Xylene	12.17	106	626070	54.70	ug/l	98
70) Styrene	12.19	104	1050959	54.66	ug/l	100
71) Bromoform	12.35	173	167341	50.09	ug/l #	97
73) Isopropylbenzene	12.47	105	1724084	55.85	ug/l	100
74) N-amyl acetate	12.28	43	337624	46.96	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	294066	51.43	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	192933m	48.23	ug/l	
77) Bromobenzene	12.75	156	395659	52.95	ug/l	99
78) n-propylbenzene	12.81	91	2100615	55.77	ug/l	100
79) 2-Chlorotoluene	12.90	91	1187470	54.69	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	1466035	55.90	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	86401	50.21	ug/l	99
82) 4-Chlorotoluene	12.99	91	1249914	54.18	ug/l	100
83) tert-Butylbenzene	13.21	119	1253548	55.88	ug/l	100
84) 1,2,4-Trimethylbenzene	13.26	105	1511601	56.02	ug/l	100
85) sec-Butylbenzene	13.39	105	1853788	55.35	ug/l	99
86) p-Isopropyltoluene	13.51	119	1620738	55.62	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	812709	53.47	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	796323	52.42	ug/l	100
89) n-Butylbenzene	13.83	91	1538279	54.60	ug/l	99
90) Hexachloroethane	14.10	117	283383	53.35	ug/l	98
91) 1,2-Dichlorobenzene	13.88	146	725843	53.17	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	44717	50.04	ug/l	99

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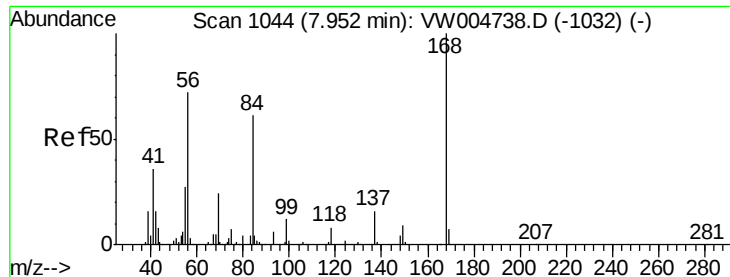
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	513773	53.21	ug/l	100
94) Hexachlorobutadiene	15.24	225	310380	52.37	ug/l	99
95) Naphthalene	15.38	128	904900	48.49	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	457734	53.46	ug/l	99

(#) = 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: VW004859.D

Acq: 22 Aug 2018 00:11

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 608635

Ion Ratio Lower Upper

168 100

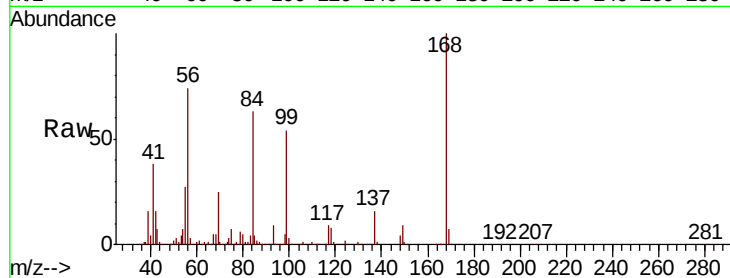
99 53.5 41.0 61.4

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Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.95

300000

250000

200000

150000

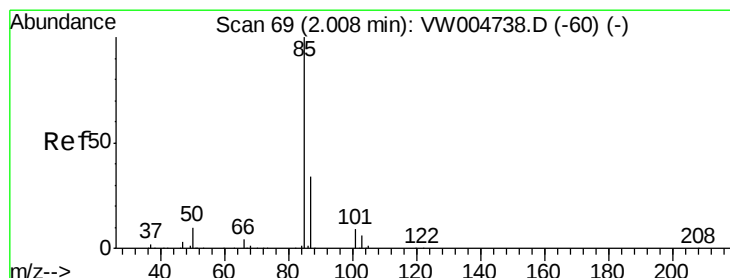
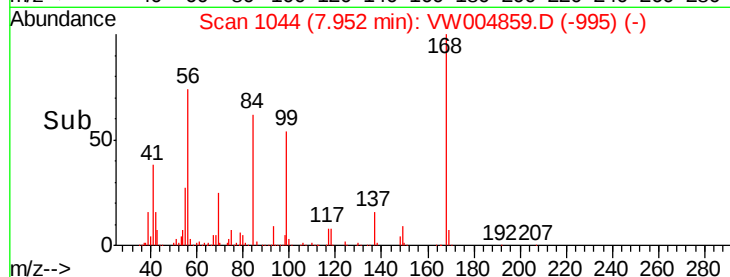
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50000

0

7.80 7.90 8.00 8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 43.79 ug/l

RT: 2.01 min Scan# 69

Delta R.T. -0.00 min

Lab File: VW004859.D

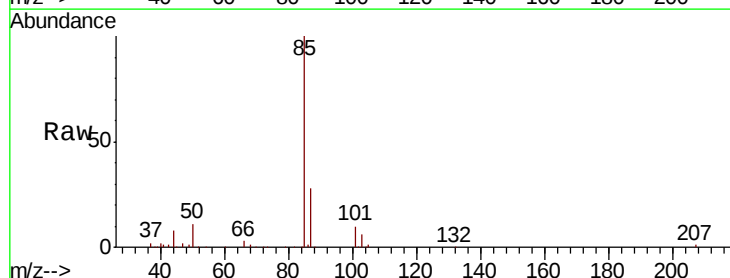
Acq: 22 Aug 2018 00:11

Tgt Ion: 85 Resp: 176537

Ion Ratio Lower Upper

85 100

87 27.8 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

50000

40000

30000

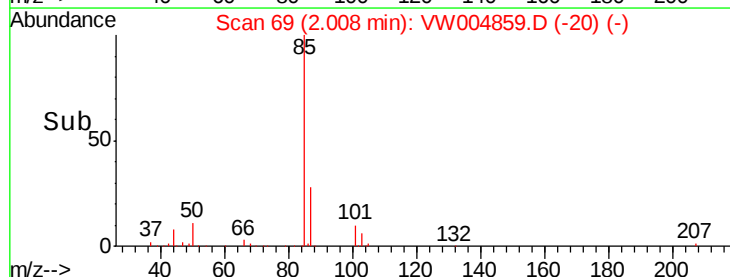
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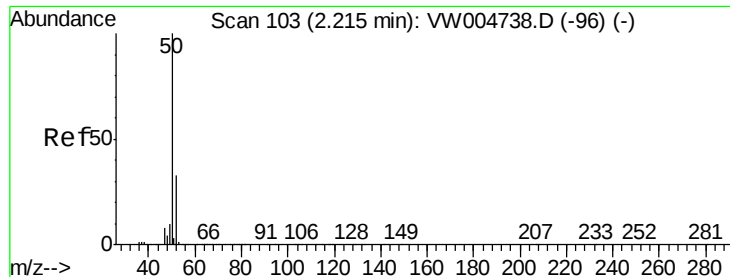
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0

1.90 2.00 2.10 2.20 2.30

Time-->





#3

Chloromethane

Concen: 44.67 ug/l

RT: 2.22 min Scan# 103

Delta R.T. -0.00 min

Lab File: VW004859.D

Acq: 22 Aug 2018 00:11

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 235480

Ion Ratio Lower Upper

50 100

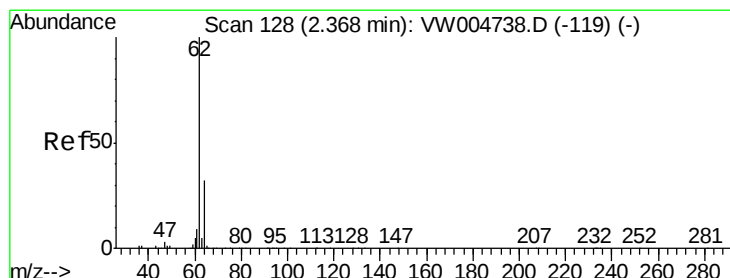
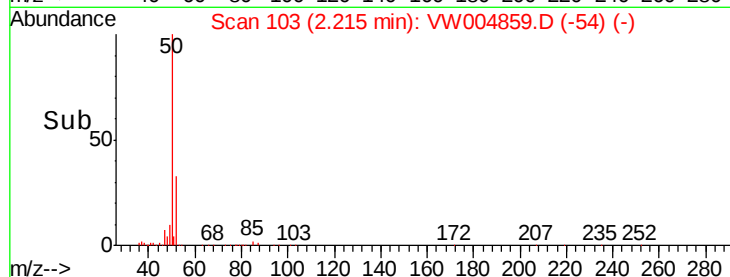
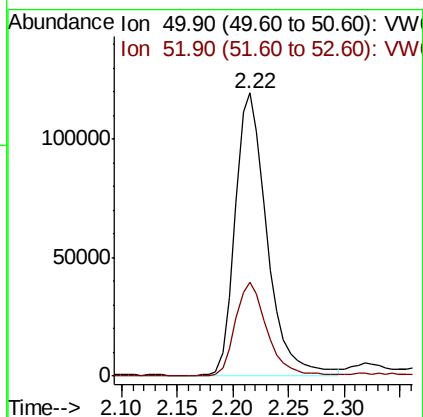
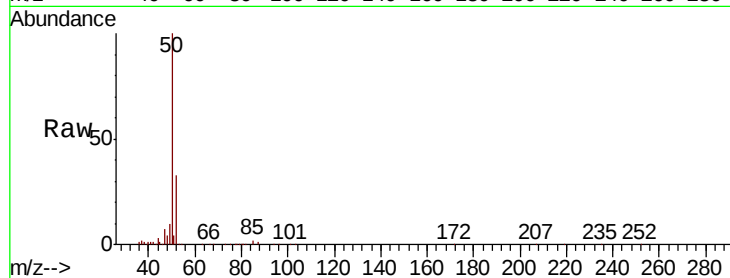
52 33.4 26.7 40.1

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#4

Vinyl Chloride

Concen: 50.54 ug/l

RT: 2.37 min Scan# 128

Delta R.T. -0.00 min

Lab File: VW004859.D

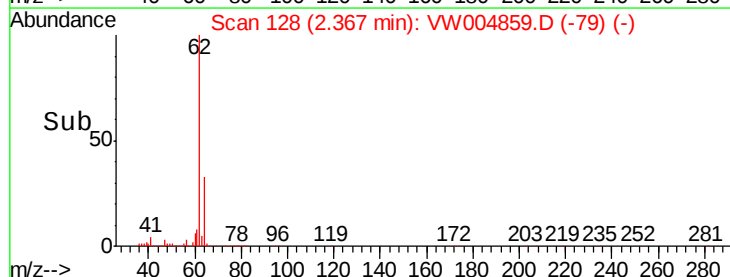
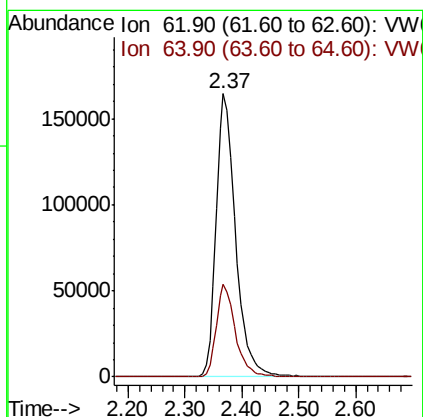
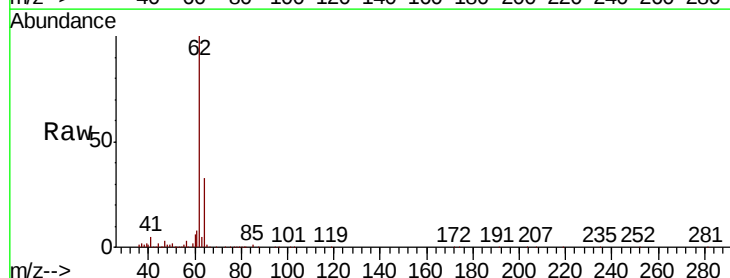
Acq: 22 Aug 2018 00:11

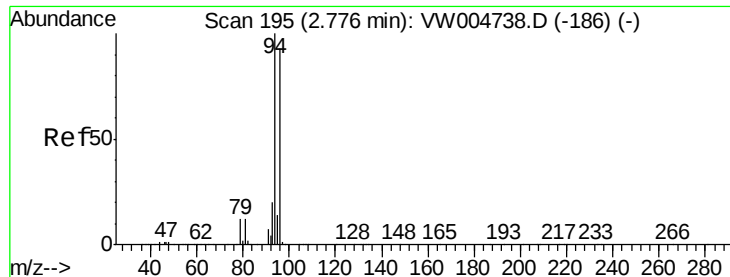
Tgt Ion: 62 Resp: 392165

Ion Ratio Lower Upper

62 100

64 32.8 25.2 37.8





#5

Bromomethane

Concen: 51.03 ug/l

RT: 2.78 min Scan# 196

Delta R.T. 0.01 min

Lab File: VW004859.D

Acq: 22 Aug 2018 00:11

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 244533

Ion Ratio Lower Upper

94 100

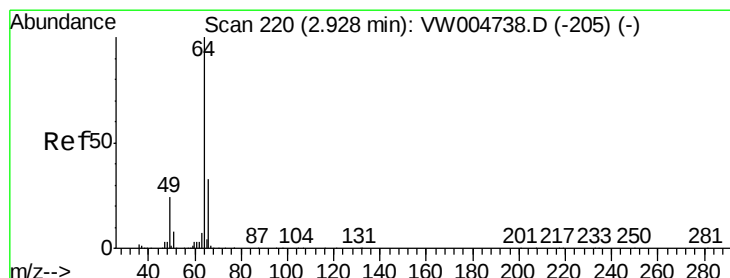
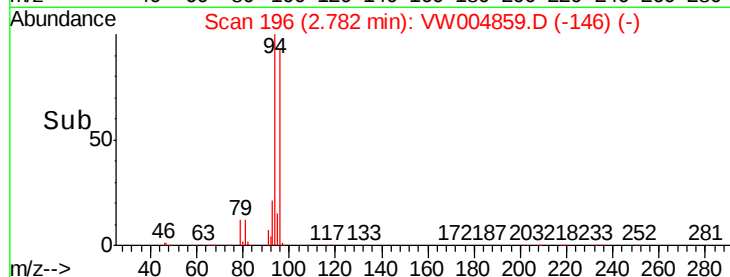
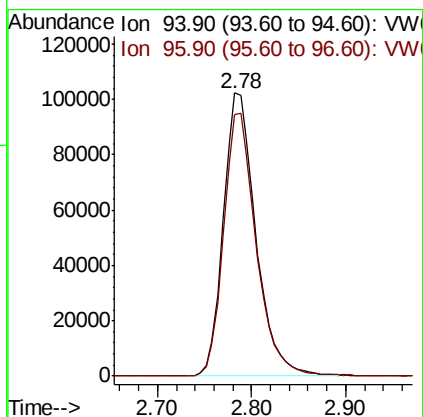
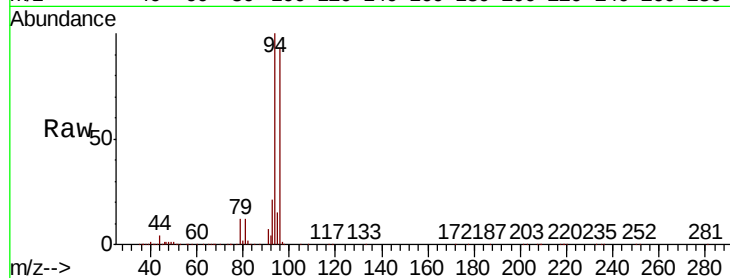
96 92.5 74.3 111.5

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#6

Chloroethane

Concen: 51.71 ug/l

RT: 2.93 min Scan# 220

Delta R.T. -0.00 min

Lab File: VW004859.D

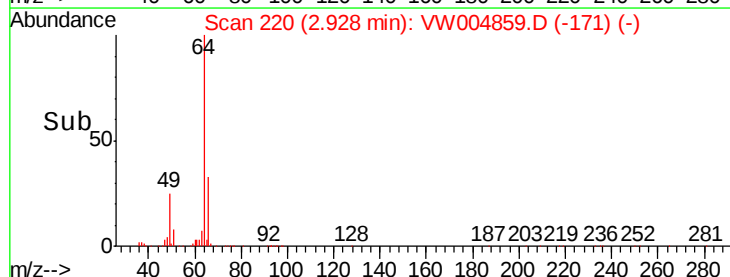
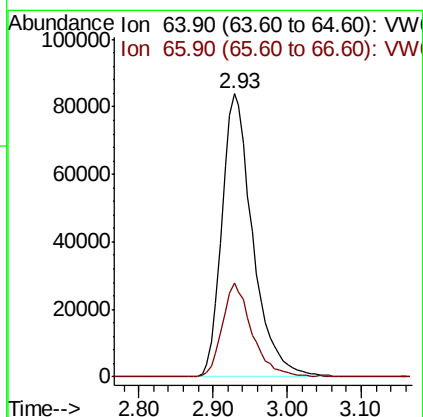
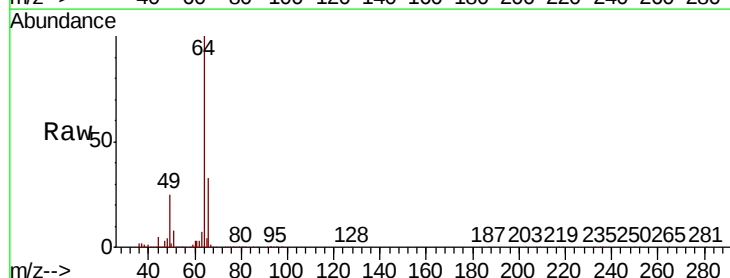
Acq: 22 Aug 2018 00:11

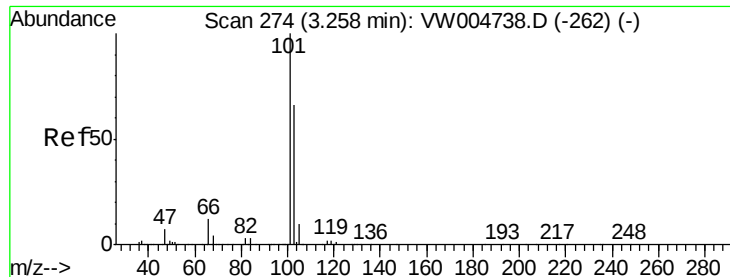
Tgt Ion: 64 Resp: 242066

Ion Ratio Lower Upper

64 100

66 33.0 26.1 39.1





#7

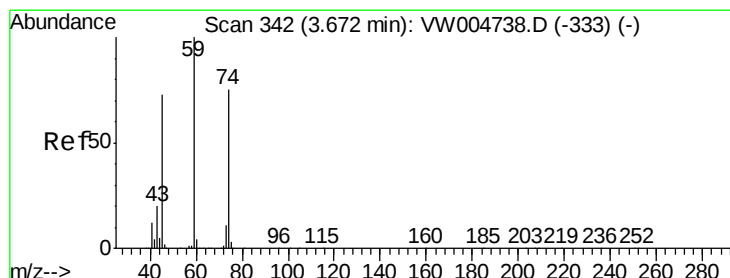
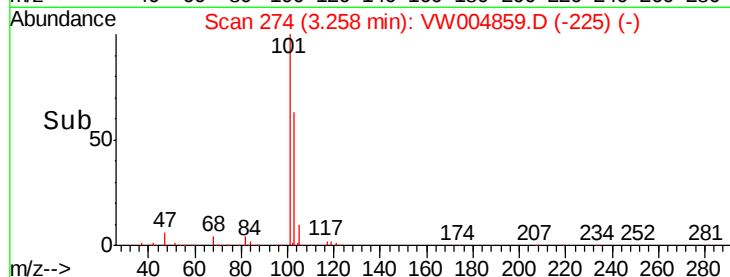
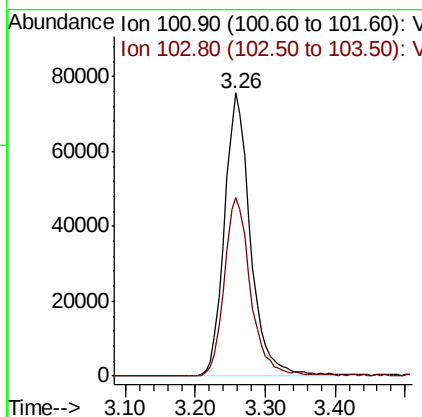
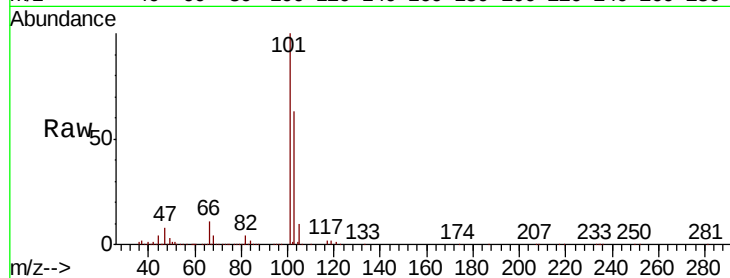
Trichlorofluoromethane
 Concen: 53.49 ug/l
 RT: 3.26 min Scan# 274
 Delta R.T. -0.00 min
 Lab File: VW004859.D
 Acq: 22 Aug 2018 00:11

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Tot Ion	Ratio	Lower	Upper
101	100		
103	63.1	52.5	78.7

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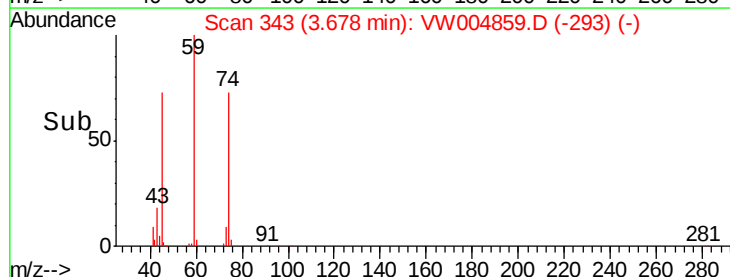
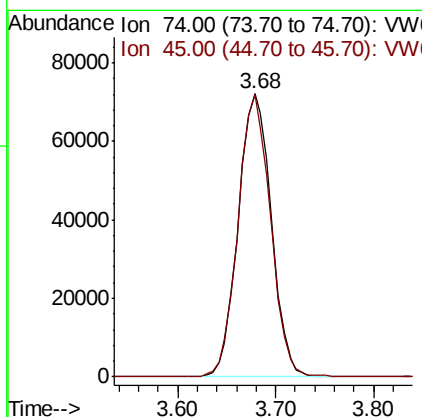
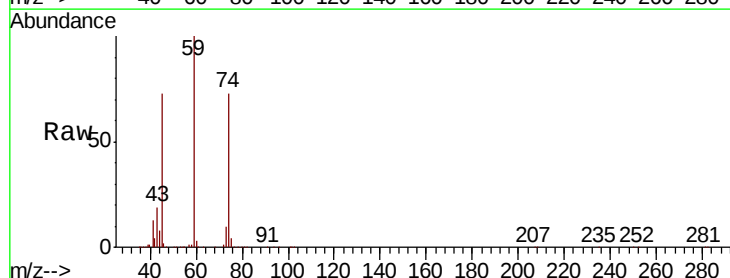
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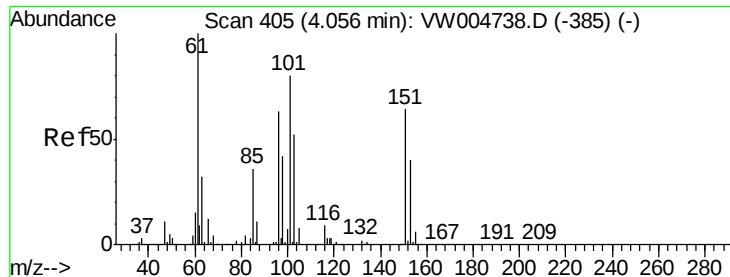


#8

Diethyl Ether
 Concen: 51.03 ug/l
 RT: 3.68 min Scan# 343
 Delta R.T. 0.01 min
 Lab File: VW004859.D
 Acq: 22 Aug 2018 00:11

Tgt Ion	Ratio	Lower	Upper
74	100		
45	97.8	49.8	149.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.79 ug/l

RT: 4.06 min Scan# 406

Delta R.T. 0.01 min

Lab File: VW004859.D

Acq: 22 Aug 2018 00:11

Instrument :

MSVOA_W

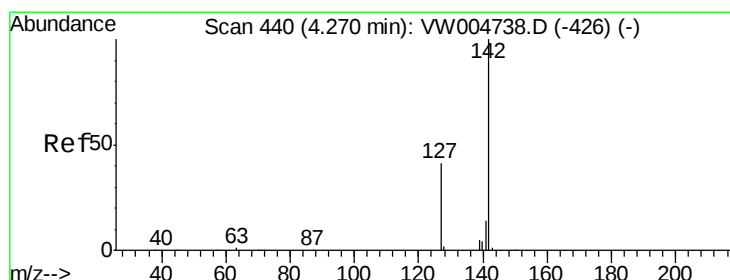
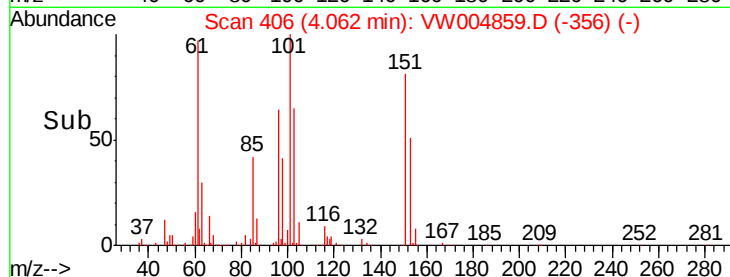
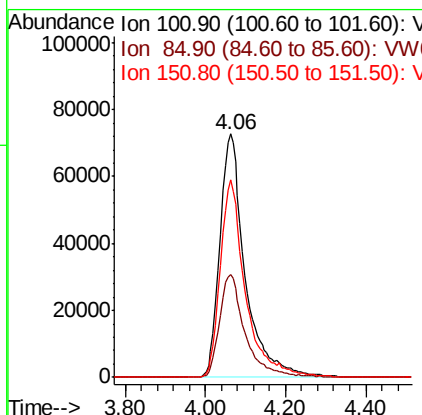
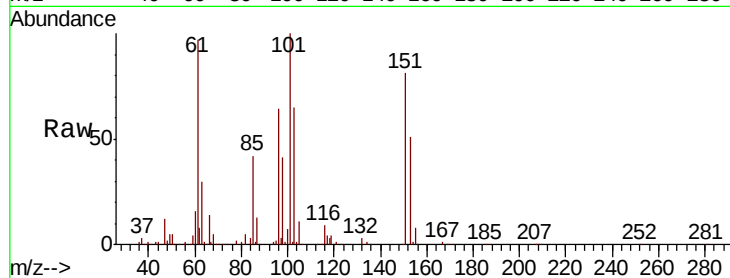
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	319653
Ion Ratio	Lower	Upper	
101	100		
85	42.4	33.9	50.9
151	80.6	63.4	95.2

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#10

Methyl Iodide

Concen: 52.69 ug/l

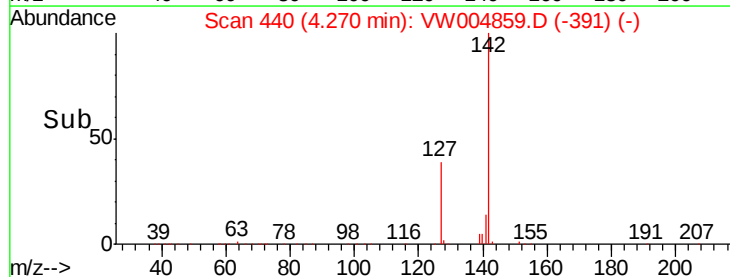
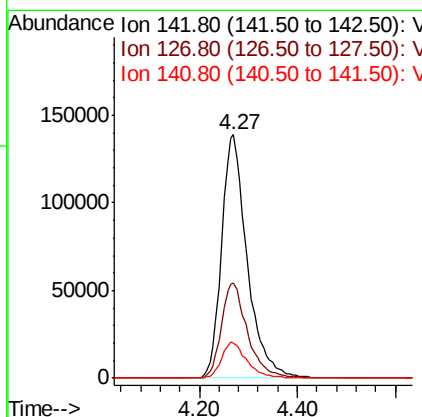
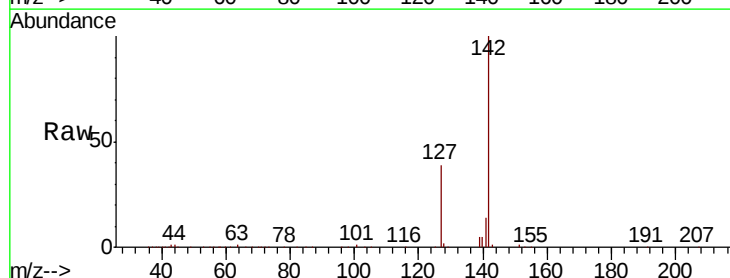
RT: 4.27 min Scan# 440

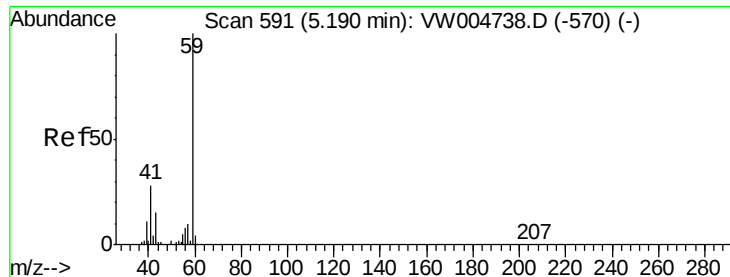
Delta R.T. -0.00 min

Lab File: VW004859.D

Acq: 22 Aug 2018 00:11

Tgt Ion:	142	Resp:	503617
Ion Ratio	Lower	Upper	
142	100		
127	39.9	32.1	48.1
141	14.7	11.7	17.5





#11

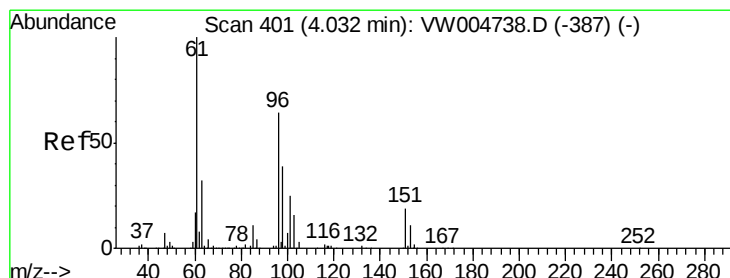
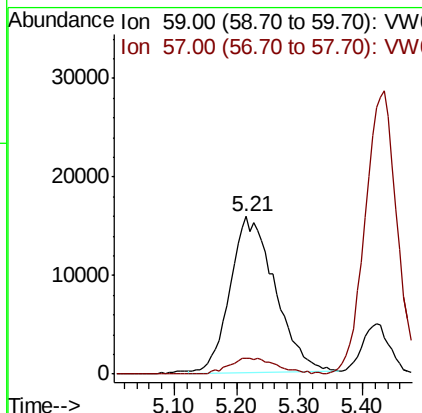
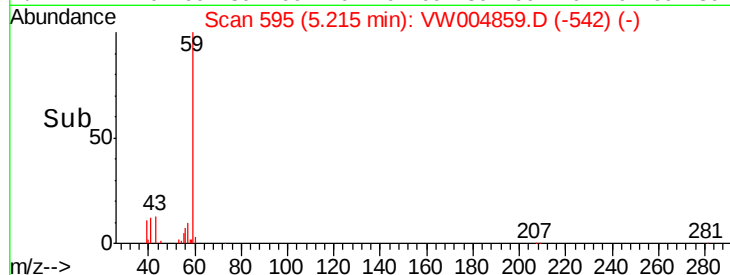
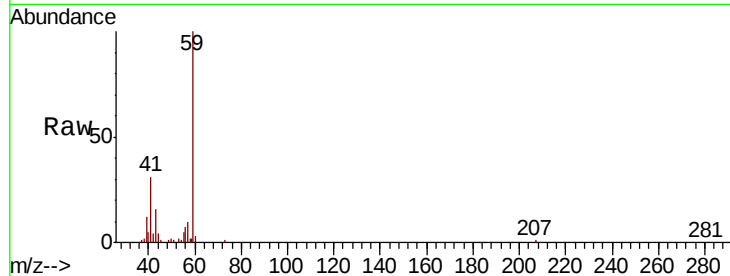
Tert butyl alcohol
Concen: 238.05 ug/l
RT: 5.21 min Scan# 595
Delta R.T. 0.02 min
Lab File: VW004859.D
Acq: 22 Aug 2018 00:11

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	59	Resp	78259
Ion Ratio	100	Lower	Upper
57	11.0	8.4	12.6

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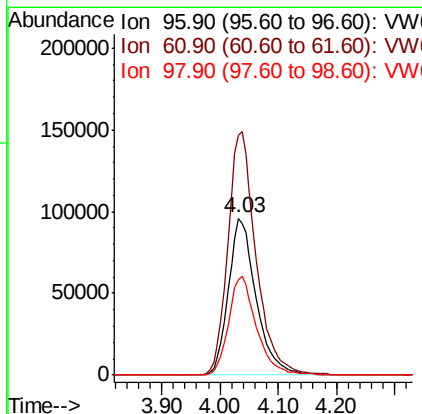
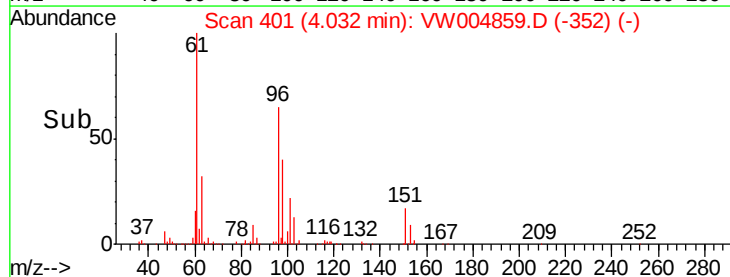
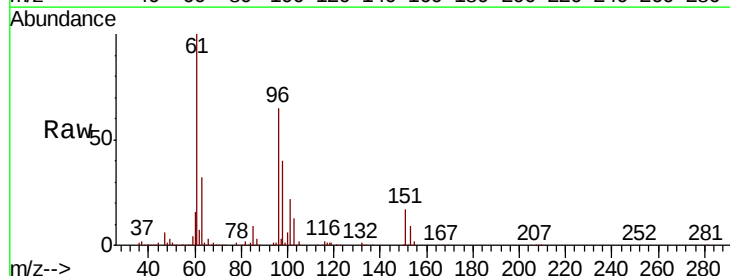
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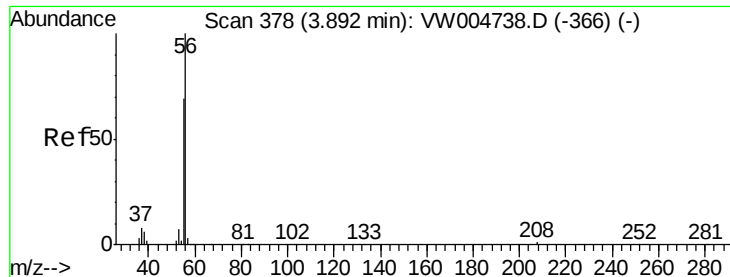


#12

1,1-Dichloroethene
Concen: 50.74 ug/l
RT: 4.03 min Scan# 401
Delta R.T. -0.00 min
Lab File: VW004859.D
Acq: 22 Aug 2018 00:11

Tgt Ion	96	Resp	318277
Ion Ratio	100	Lower	Upper
61	152.8	125.6	188.4
98	61.1	49.4	74.0





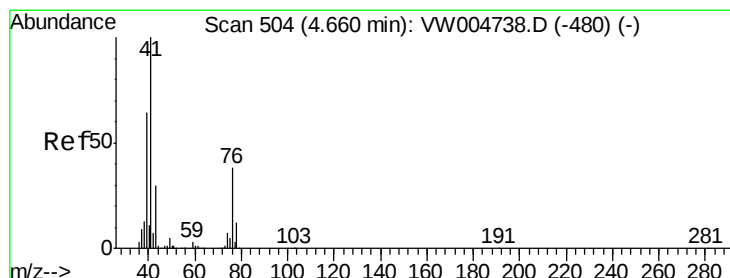
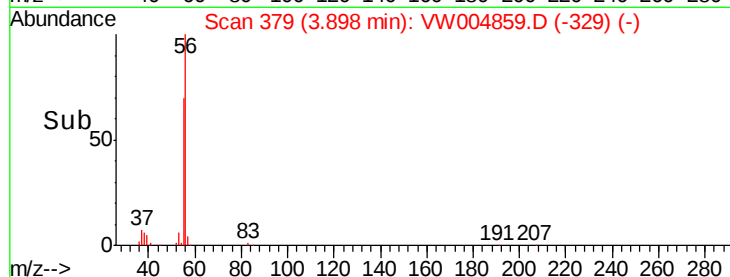
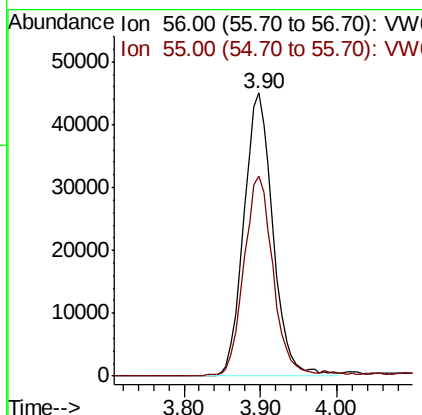
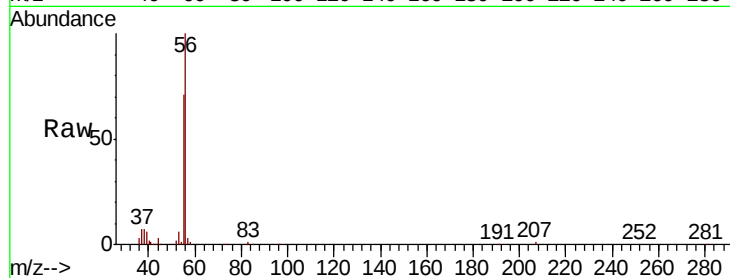
#13
Acrolein
Concen: 269.89 ug/l
RT: 3.90 min Scan# 379
Delta R.T. 0.01 min
Lab File: VW004859.D
Acq: 22 Aug 2018 00:11

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	56	55	Ratio	Lower	Upper
119064	100	70.8		56.1	84.1

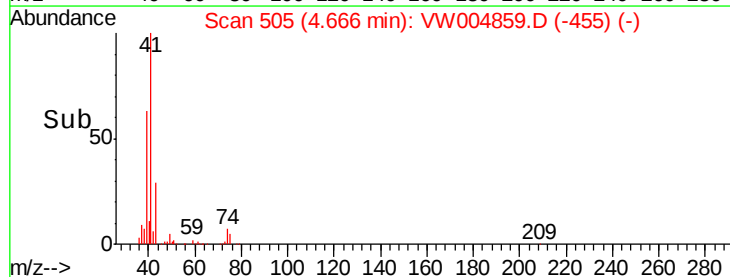
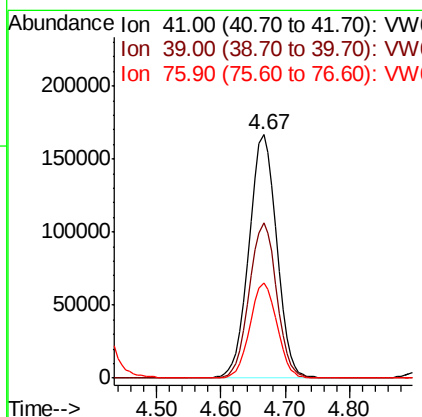
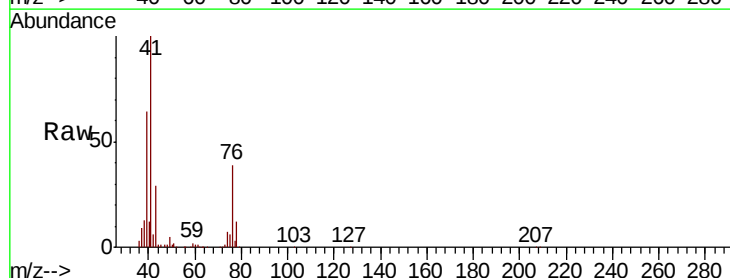
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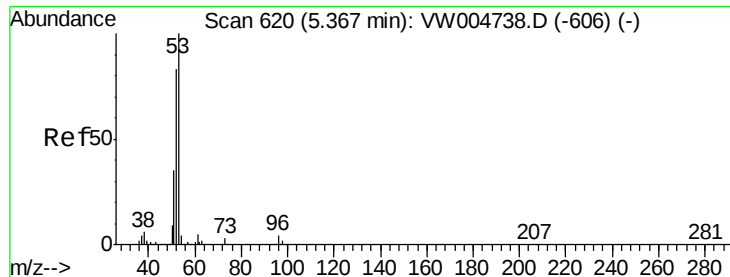
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#14
Allyl chloride
Concen: 51.63 ug/l
RT: 4.67 min Scan# 505
Delta R.T. 0.01 min
Lab File: VW004859.D
Acq: 22 Aug 2018 00:11

Tgt Ion	41	39	76	Ratio	Lower	Upper
491454	100	63.2	38.0		50.0	75.0
					29.8	44.6





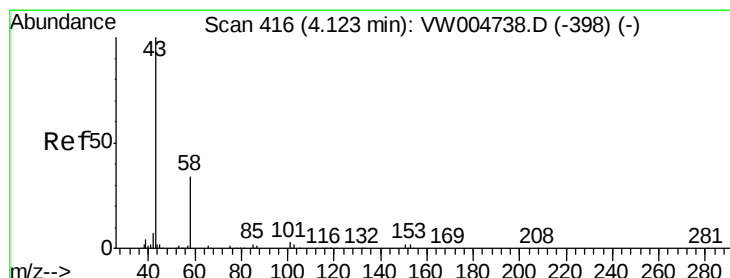
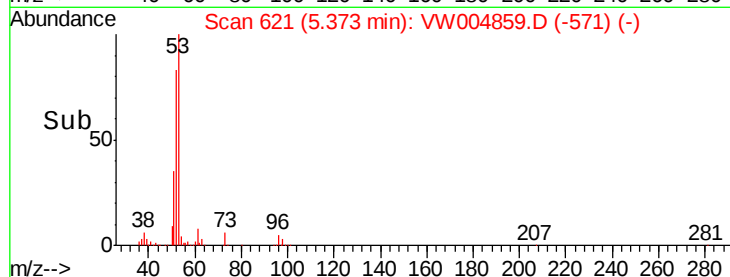
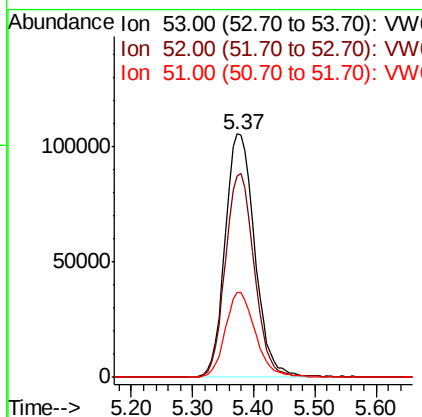
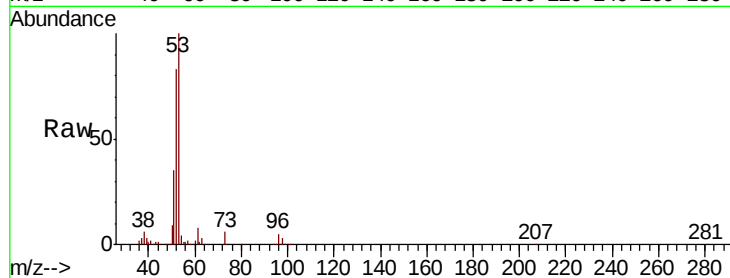
#15
 Acrylonitrile
 Concen: 253.73 ug/l
 RT: 5.37 min Scan# 621
 Delta R.T. 0.01 min
 Lab File: VW004859.D
 Acq: 22 Aug 2018 00:11

Instrument :
 MSVOA_W
 ClientSampled :
 VSTDCCC050

Tot Ion:	53	Resp:	351661
Ion Ratio	Lower	Upper	
53	100		
52	82.1	65.8	98.6
51	35.3	28.7	43.1

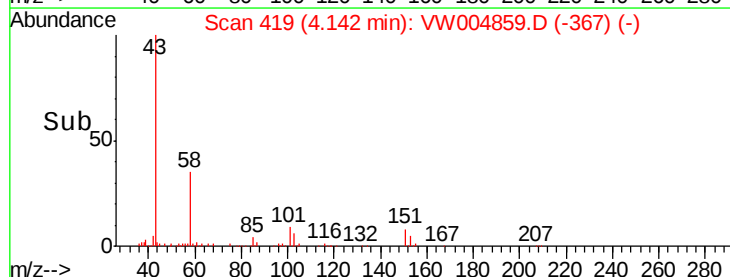
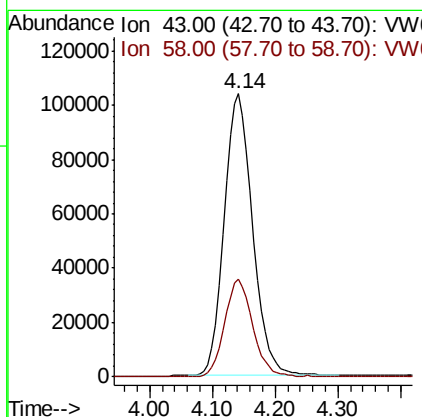
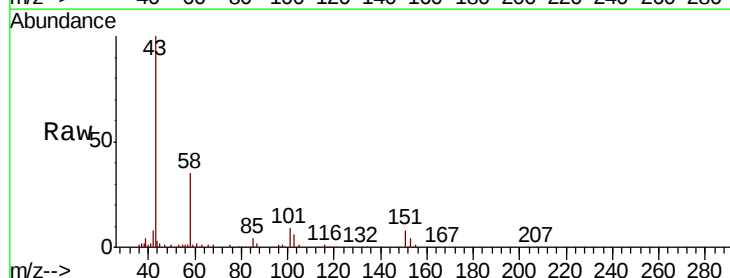
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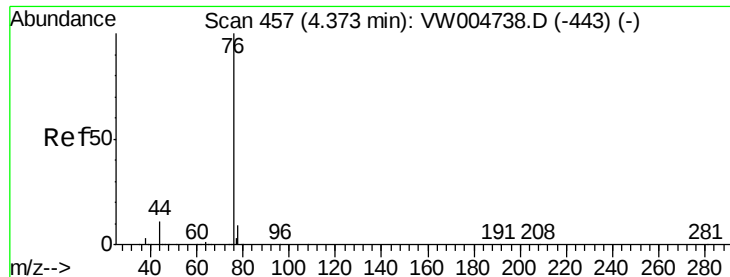
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#16
 Acetone
 Concen: 215.90 ug/l
 RT: 4.14 min Scan# 419
 Delta R.T. 0.02 min
 Lab File: VW004859.D
 Acq: 22 Aug 2018 00:11

Tgt Ion:	43	Resp:	324299
Ion Ratio	Lower	Upper	
43	100		
58	34.7	27.3	40.9





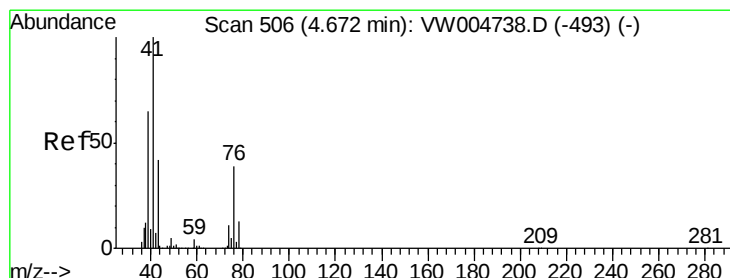
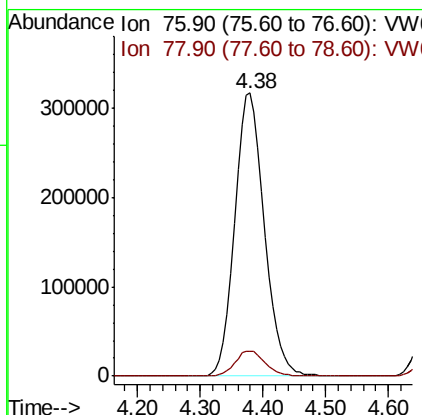
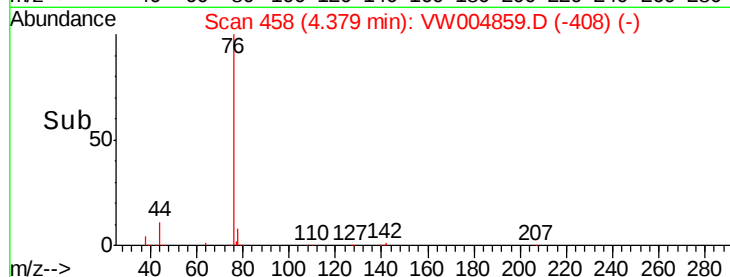
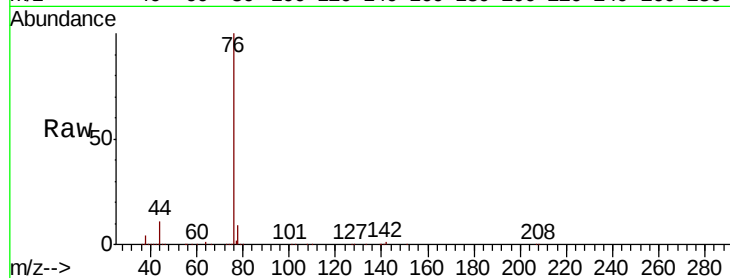
#17
Carbon Disulfide
Concen: 50.15 ug/l
RT: 4.38 min Scan# 458
Delta R.T. 0.01 min
Lab File: VW004859.D
Acq: 22 Aug 2018 00:11

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion: 76 Resp: 1033609
Ion Ratio Lower Upper
76 100
78 8.8 7.4 11.2

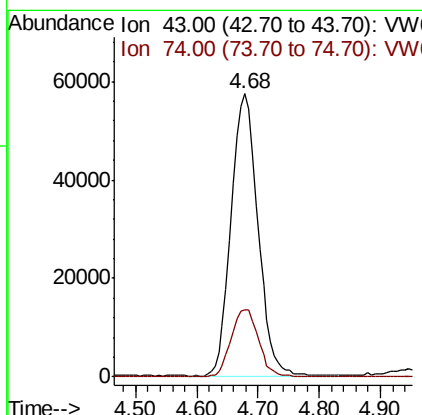
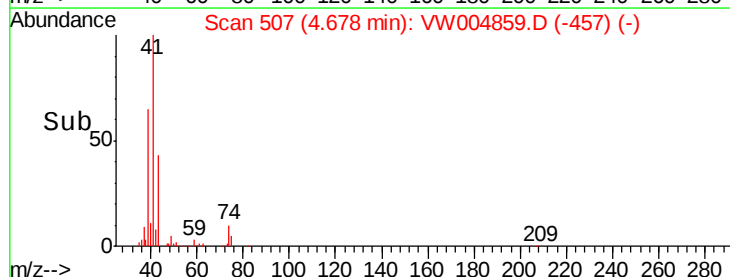
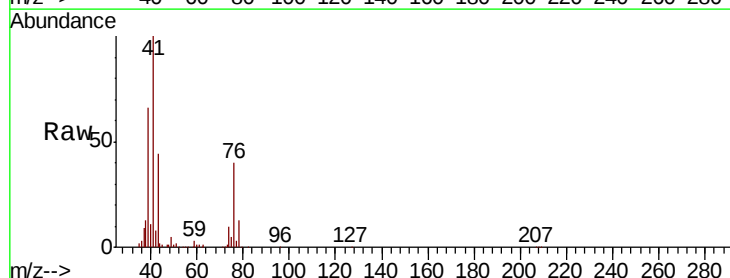
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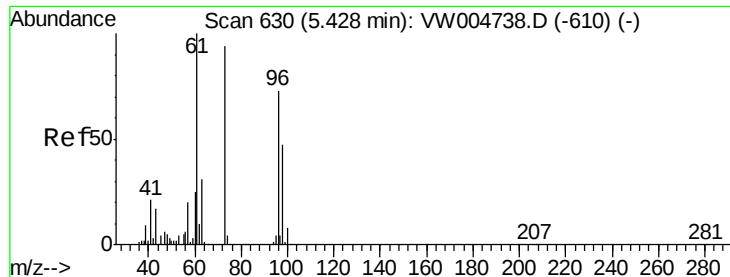
apatel
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#18
Methyl Acetate
Concen: 54.03 ug/l
RT: 4.68 min Scan# 507
Delta R.T. 0.01 min
Lab File: VW004859.D
Acq: 22 Aug 2018 00:11

Tgt Ion: 43 Resp: 173921
Ion Ratio Lower Upper
43 100
74 24.5 19.8 29.8





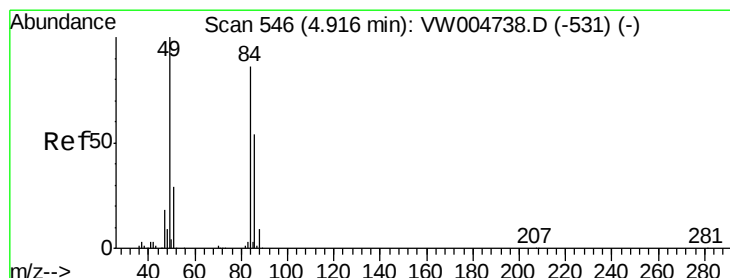
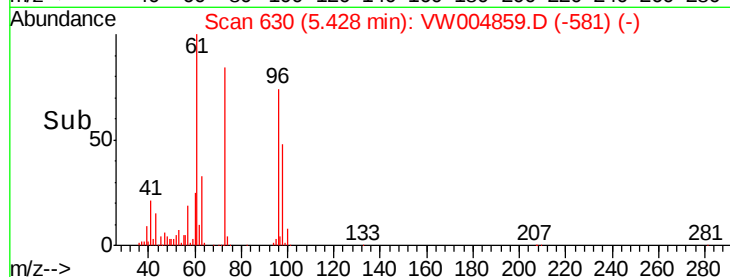
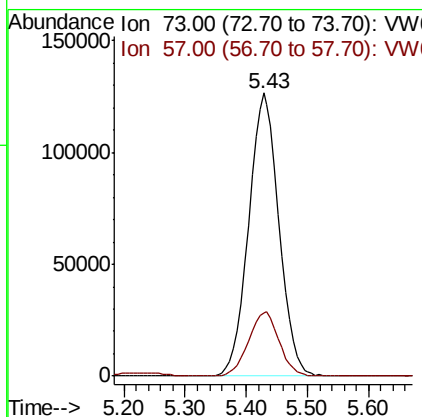
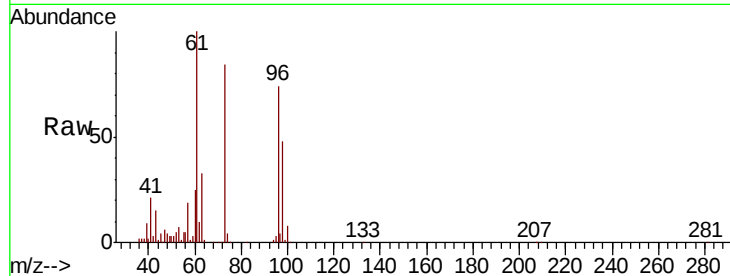
#19
Methvl tert-butvl Ether
Concen: 53.55 ug/l
RT: 5.43 min Scan# 630
Delta R.T. -0.00 min
Lab File: VW004859.D
Acq: 22 Aug 2018 00:11

Instrument :
MSVOA_W
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.2	17.3	25.9

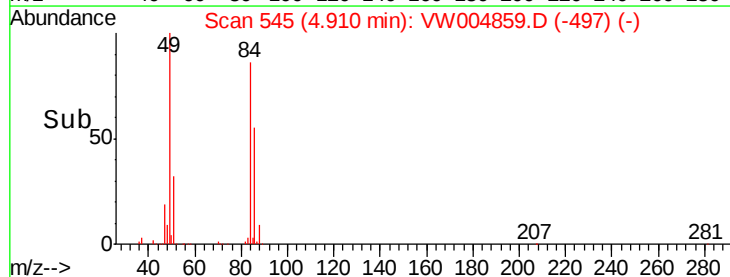
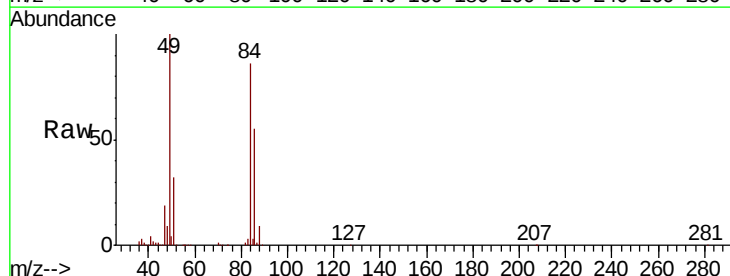
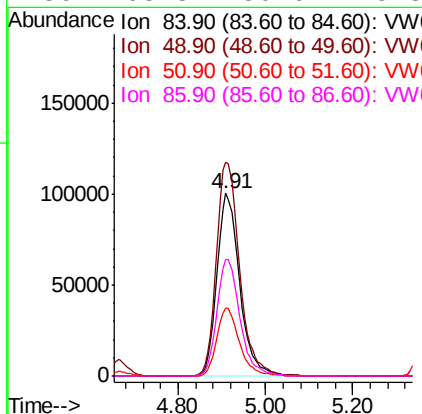
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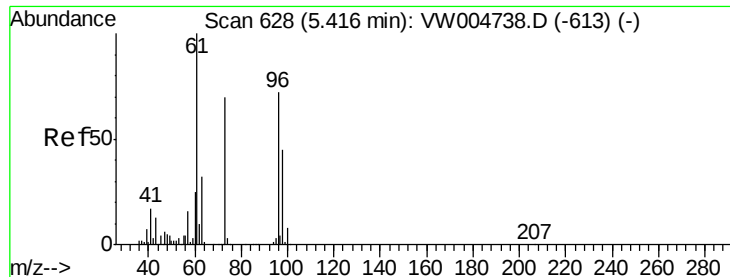
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#20
Methylene Chloride
Concen: 52.64 ug/l
RT: 4.91 min Scan# 545
Delta R.T. -0.01 min
Lab File: VW004859.D
Acq: 22 Aug 2018 00:11

Tgt Ion	Ratio	Lower	Upper
84	100		
49	116.9	93.2	139.8
51	37.4	27.4	41.0
86	63.8	50.6	75.8





#21

trans-1,2-Dichloroethene

Concen: 52.16 ug/l

RT: 5.42 min Scan# 629

Delta R.T. 0.01 min

Lab File: VW004859.D

Acq: 22 Aug 2018 00:11

Instrument :

MSVOA_W

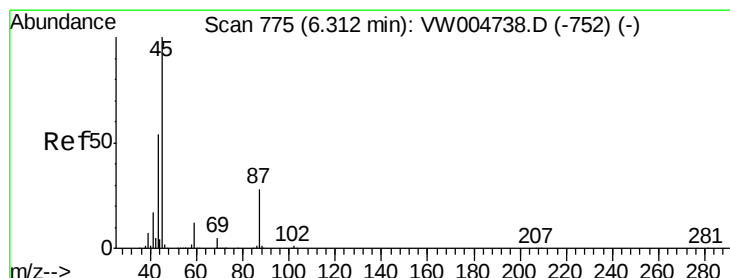
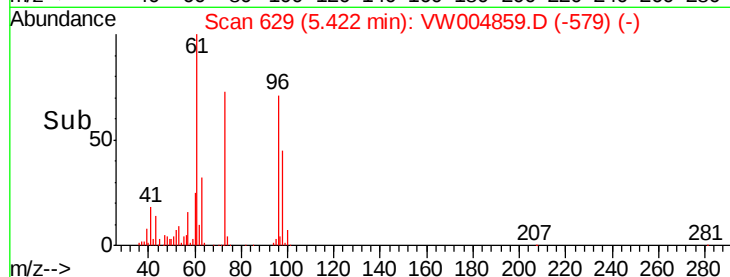
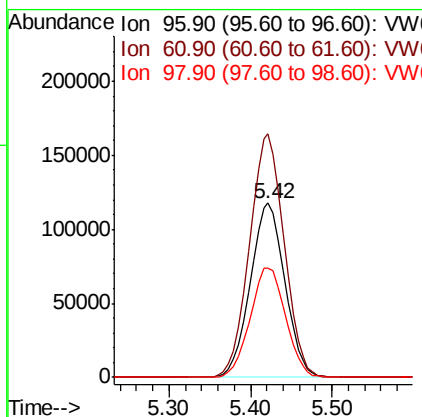
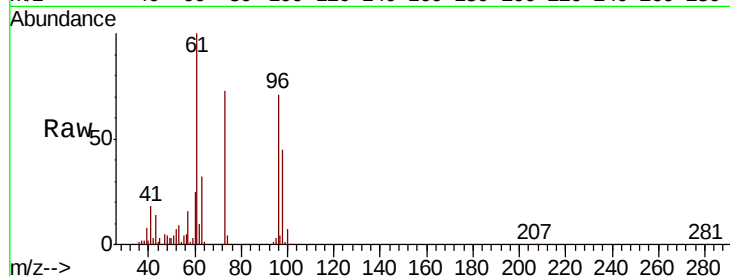
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	348111
Ion	Ratio	Lower	Upper
96	100		
61	139.9	111.4	167.0
98	62.8	49.7	74.5

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#22

Diisopropyl ether

Concen: 55.90 ug/l

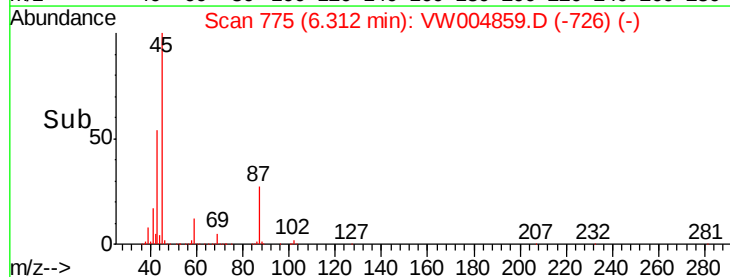
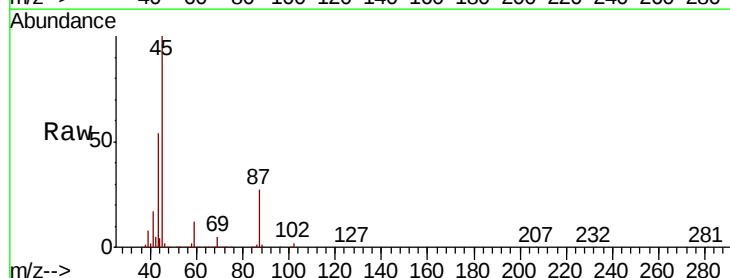
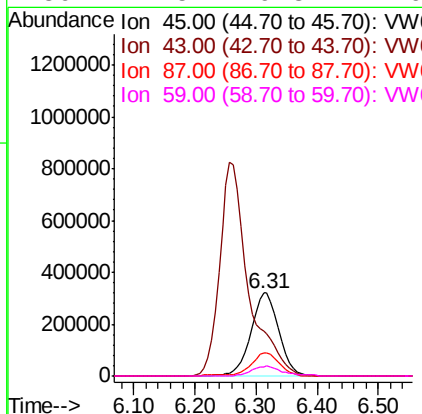
RT: 6.31 min Scan# 775

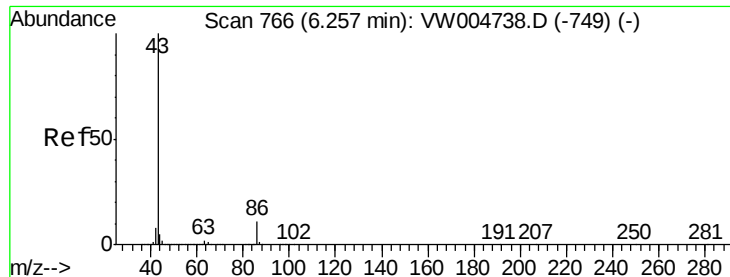
Delta R.T. -0.00 min

Lab File: VW004859.D

Acq: 22 Aug 2018 00:11

Tgt Ion:	45	Resp:	1022604
Ion	Ratio	Lower	Upper
45	100		
43	54.1	43.0	64.6
87	27.4	22.2	33.4
59	11.5	9.8	14.6





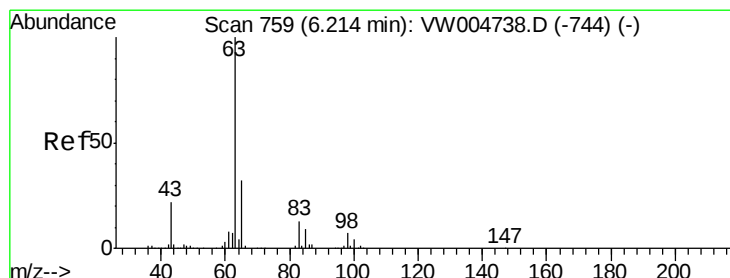
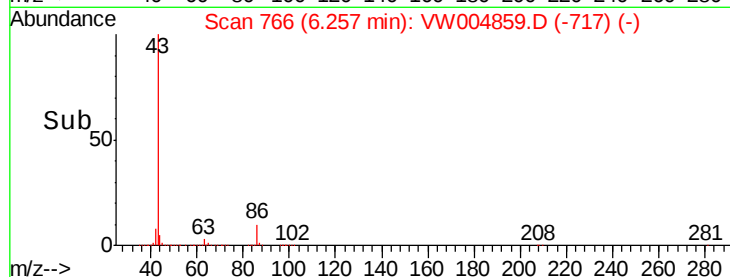
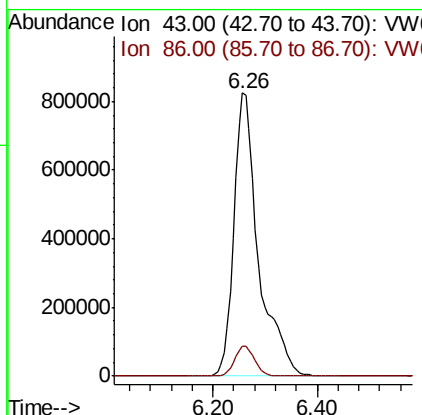
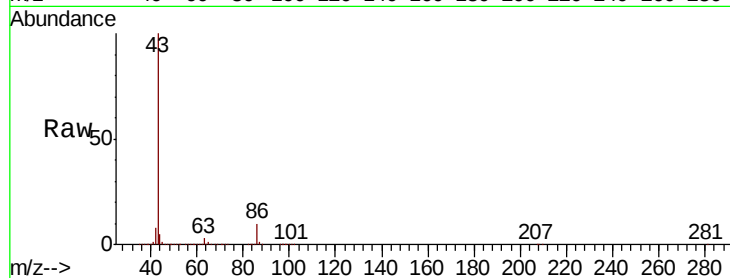
#23
 Vinyl Acetate
 Concen: 261.69 ug/l
 RT: 6.26 min Scan# 766
 Delta R.T. -0.00 min
 Lab File: VW004859.D
 Acq: 22 Aug 2018 00:11

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion: 43 Resp: 2708009
 Ion Ratio Lower Upper
 43 100
 86 10.4 8.5 12.7

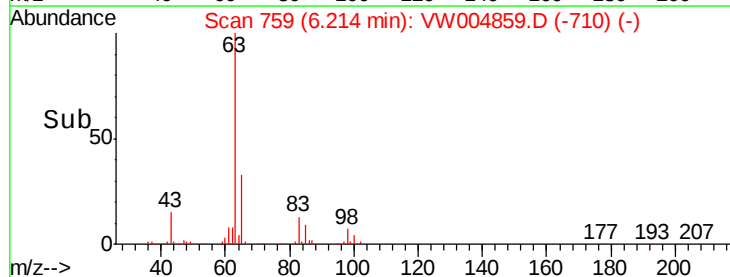
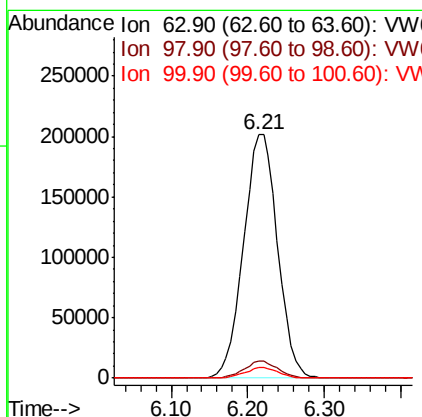
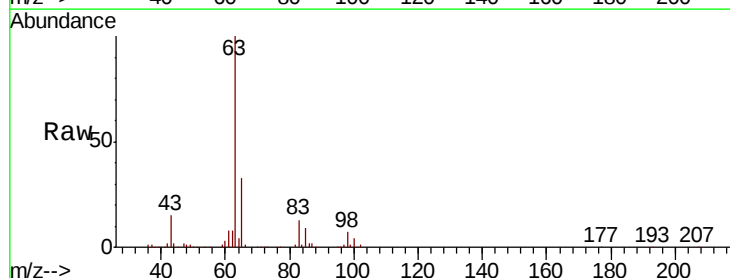
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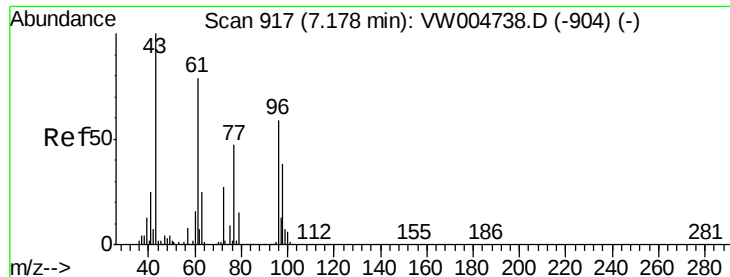
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#24
 1,1-Dichloroethane
 Concen: 52.39 ug/l
 RT: 6.21 min Scan# 759
 Delta R.T. -0.00 min
 Lab File: VW004859.D
 Acq: 22 Aug 2018 00:11

Tgt Ion: 63 Resp: 622820
 Ion Ratio Lower Upper
 63 100
 98 6.8 3.5 10.4
 100 4.5 2.1 6.3





#25

2-Butanone

Concen: 239.16 ug/l

RT: 7.18 min Scan# 918

Delta R.T. 0.01 min

Lab File: VW004859.D

Acq: 22 Aug 2018 00:11

Instrument :

MSVOA_W

ClientSampled :

VSTDCCC050

Tot Ion: 43 Resp: 511851

Ion Ratio Lower Upper

43 100

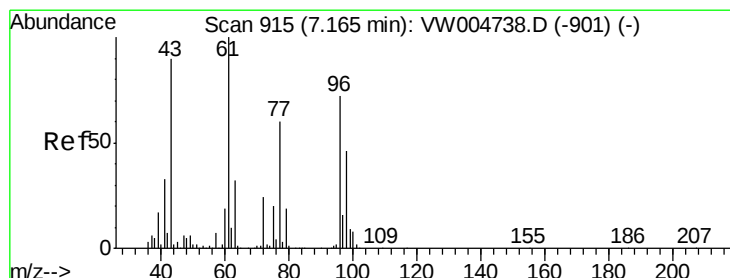
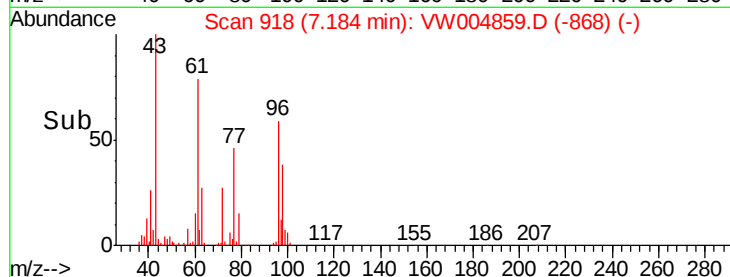
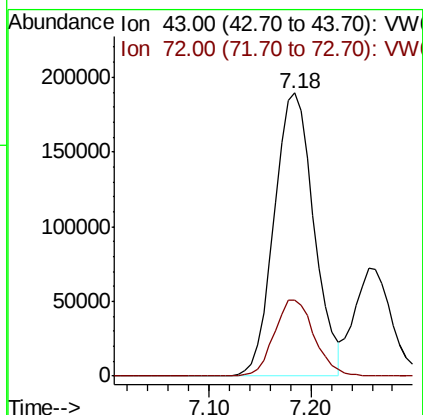
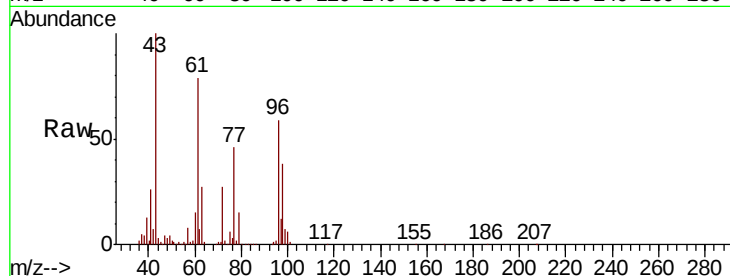
72 26.8 22.0 33.0

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#26

2,2-Dichloropropane

Concen: 48.62 ug/l

RT: 7.17 min Scan# 916

Delta R.T. 0.01 min

Lab File: VW004859.D

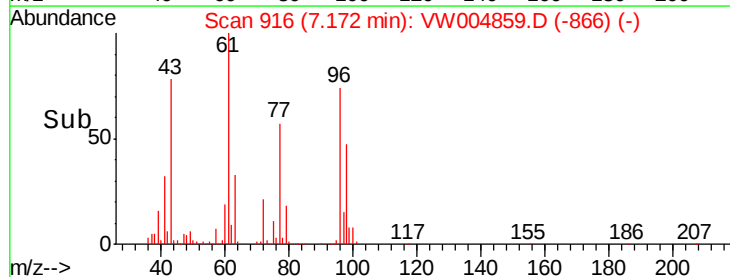
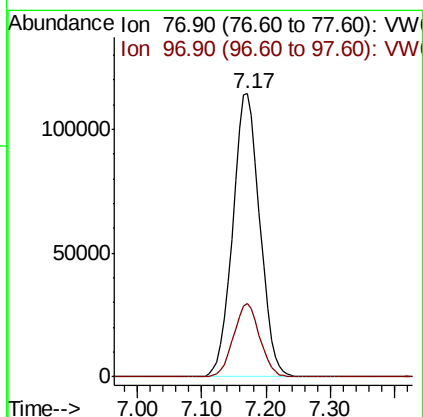
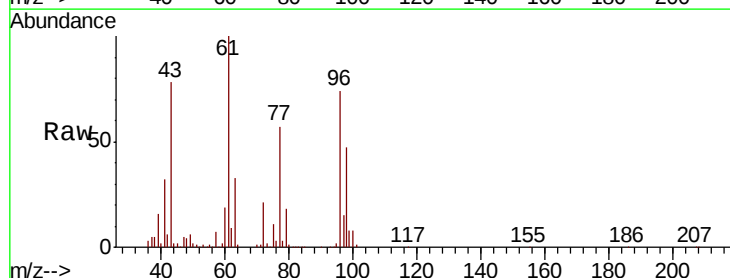
Acq: 22 Aug 2018 00:11

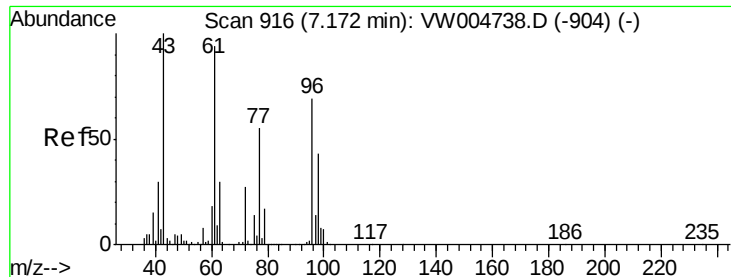
Tgt Ion: 77 Resp: 333860

Ion Ratio Lower Upper

77 100

97 25.2 12.6 37.8





#27

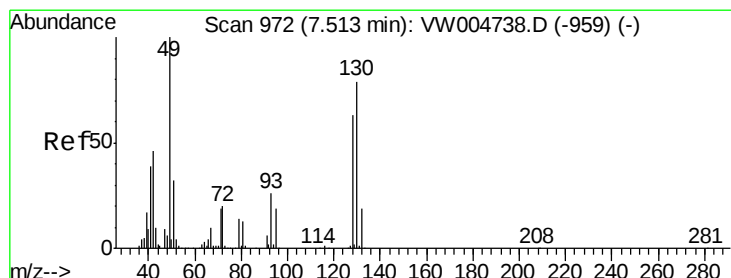
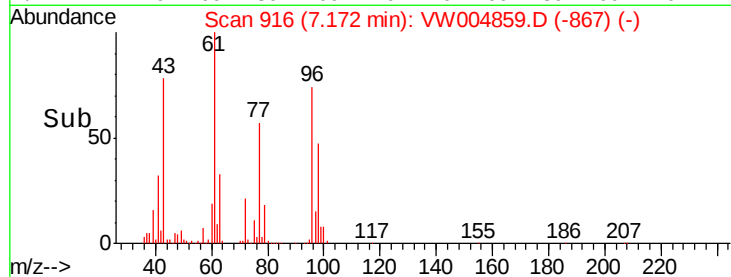
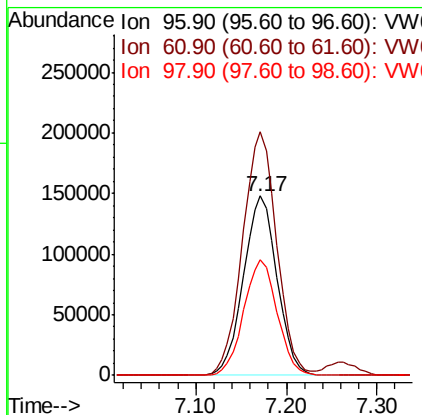
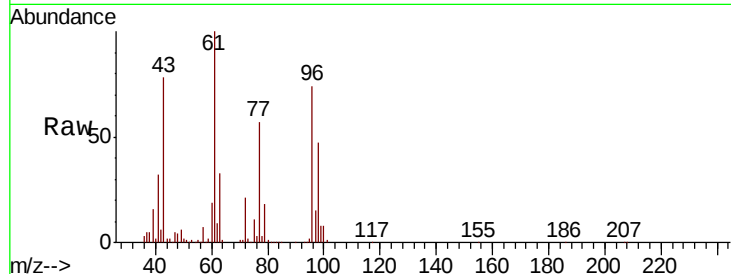
cis-1,2-Dichloroethene
 Concen: 52.80 ug/l
 RT: 7.17 min Scan# 916
 Delta R.T. -0.00 min
 Lab File: VW004859.D
 Acq: 22 Aug 2018 00:11

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
96	100		
61	137.4	0.0	277.6
98	64.2	0.0	127.4

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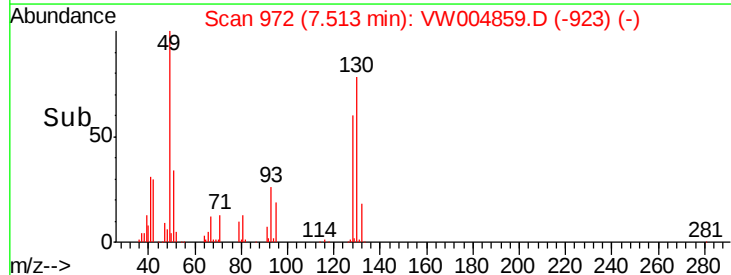
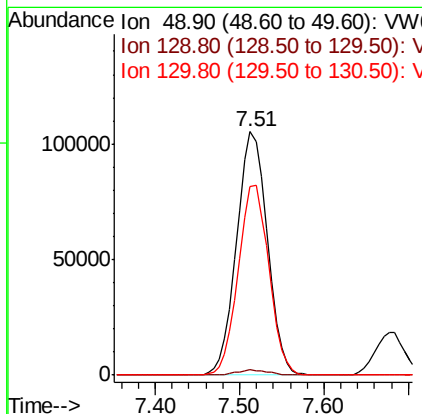
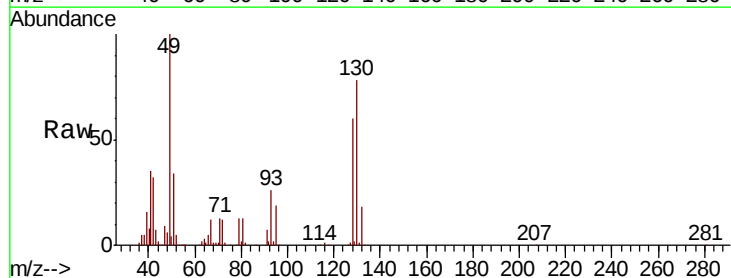
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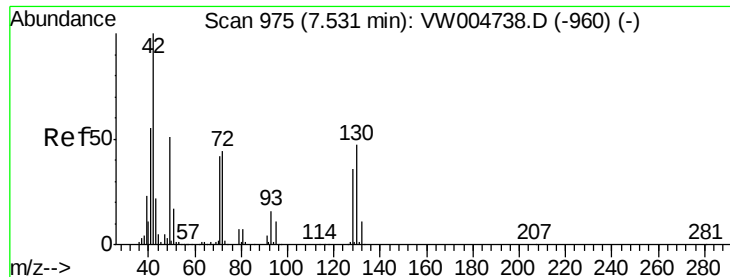


#28

Bromochloromethane
 Concen: 51.91 ug/l
 RT: 7.51 min Scan# 972
 Delta R.T. -0.00 min
 Lab File: VW004859.D
 Acq: 22 Aug 2018 00:11

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.1	0.0	4.4
130	77.9	63.7	95.5





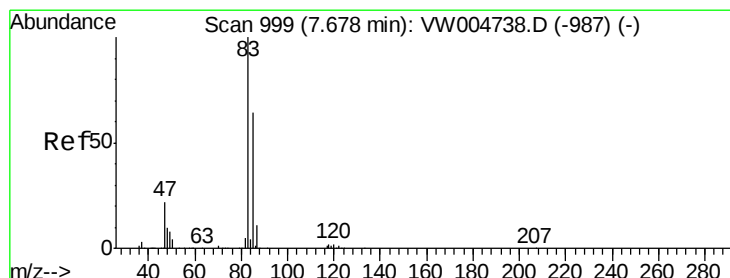
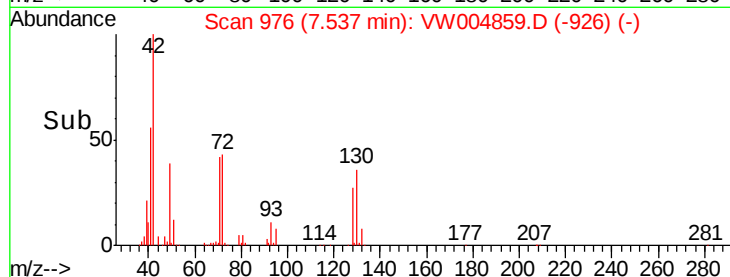
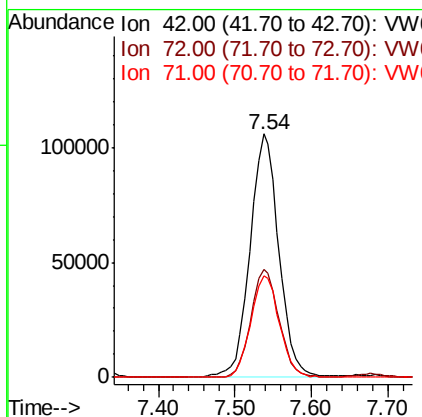
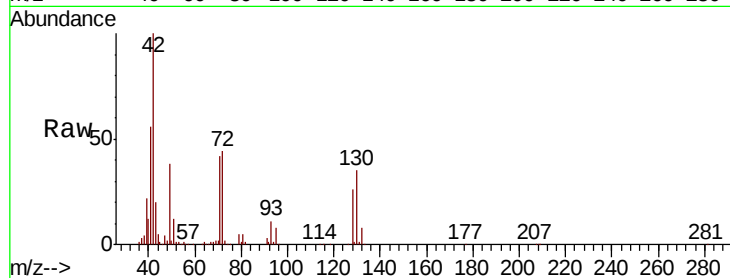
#29
Tetrahydrofuran
Concen: 254.57 ug/l
RT: 7.54 min Scan# 976
Delta R.T. 0.01 min
Lab File: VW004859.D
Acq: 22 Aug 2018 00:11

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion:	42	Resp:	277821
Ion Ratio		Lower	Upper
42	100		
72	43.6	34.9	52.3
71	41.6	33.8	50.6

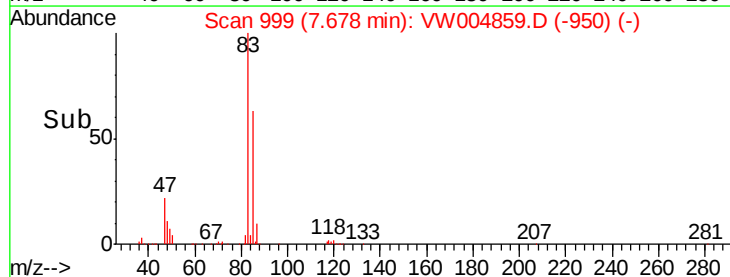
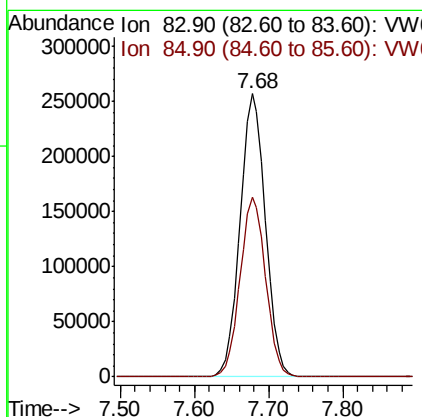
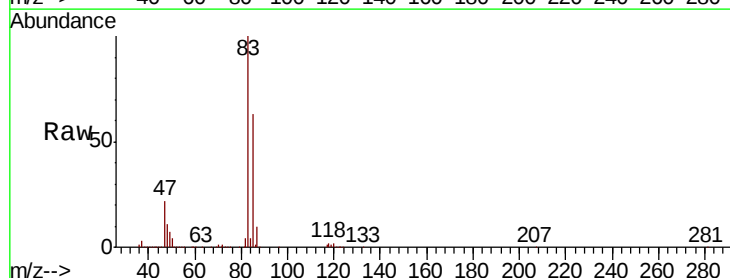
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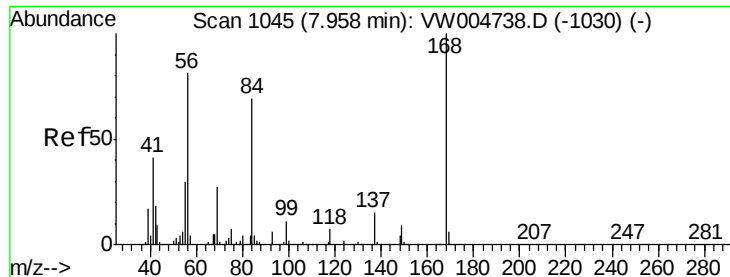
apatel
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#30
Chloroform
Concen: 52.50 ug/l
RT: 7.68 min Scan# 999
Delta R.T. -0.00 min
Lab File: VW004859.D
Acq: 22 Aug 2018 00:11

Tgt Ion:	83	Resp:	613828
Ion Ratio		Lower	Upper
83	100		
85	63.5	51.0	76.6





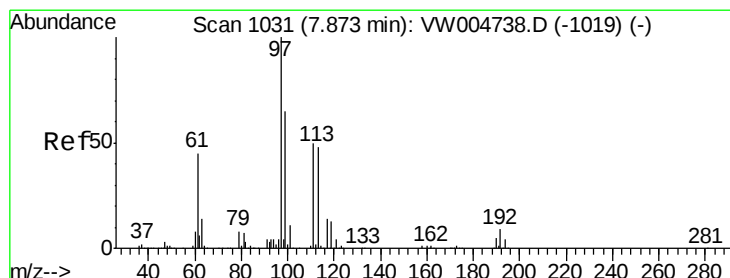
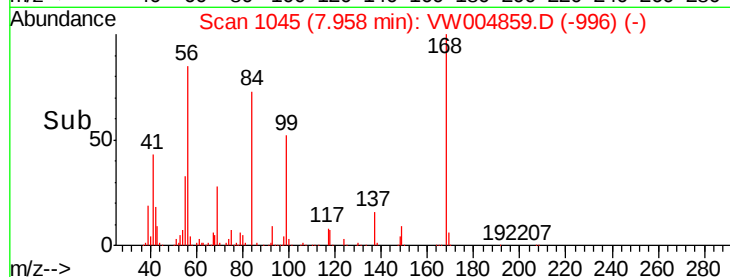
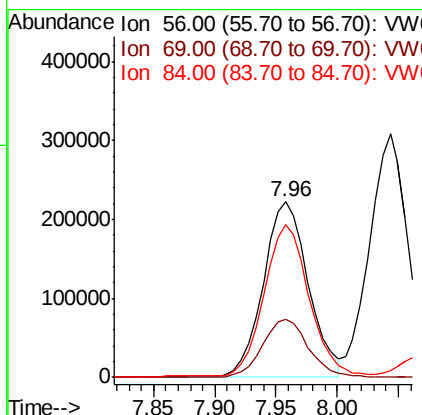
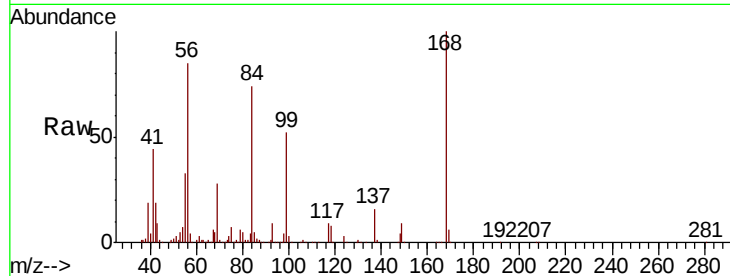
#31
Cyclohexane
Concen: 49.61 ug/l
RT: 7.96 min Scan# 1045
Delta R.T. -0.00 min
Lab File: VW004859.D
Acq: 22 Aug 2018 00:11

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
56	100		
69	32.9	27.1	40.7
84	86.3	68.3	102.5

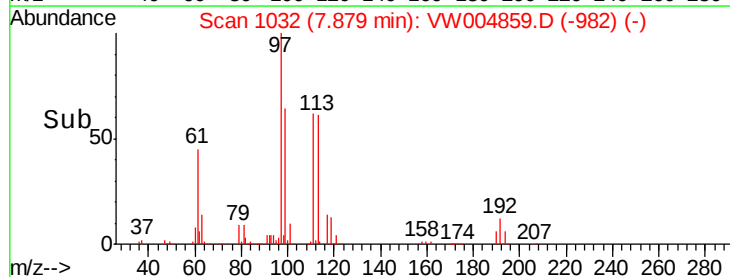
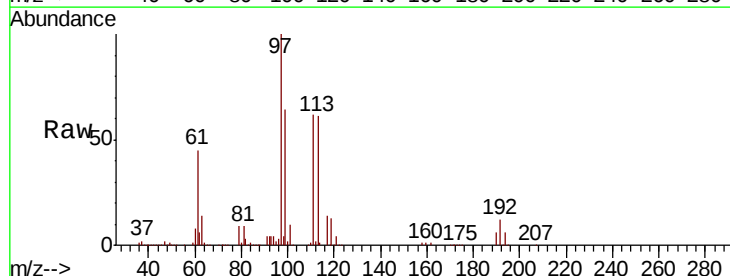
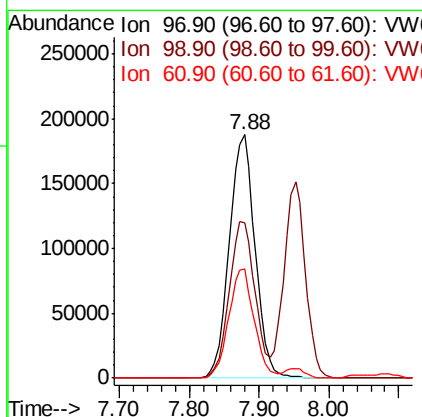
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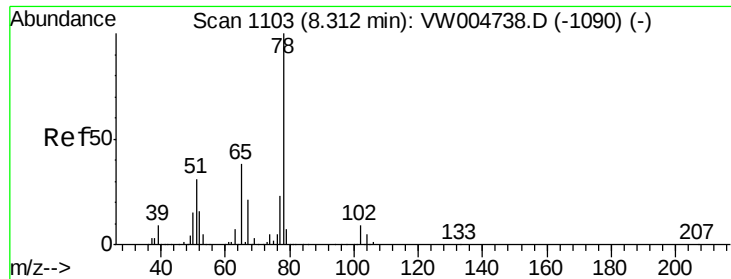
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#32
1,1,1-Trichloroethane
Concen: 51.78 ug/l
RT: 7.88 min Scan# 1032
Delta R.T. 0.01 min
Lab File: VW004859.D
Acq: 22 Aug 2018 00:11

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.6	51.7	77.5
61	44.2	34.4	51.6





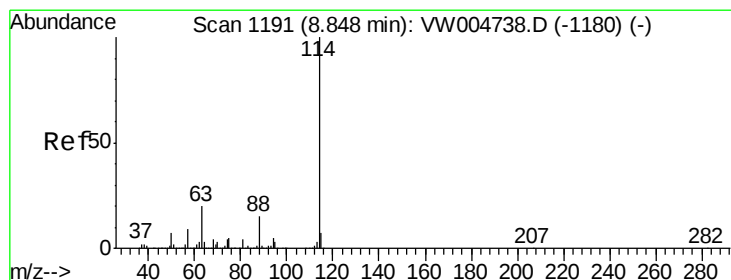
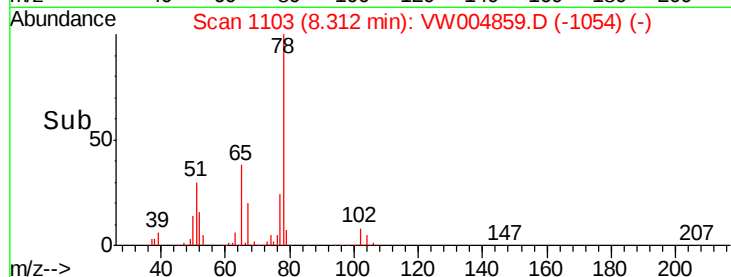
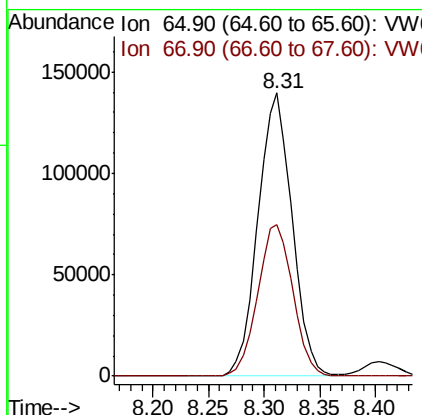
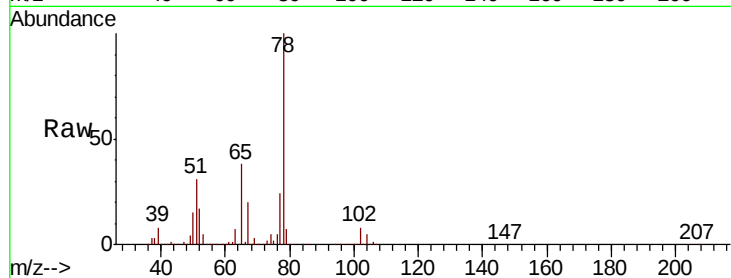
#33
 1,2-Dichloroethane-d4
 Concen: 50.73 ug/l
 RT: 8.31 min Scan# 1103
 Delta R.T. -0.00 min
 Lab File: VW004859.D
 Acq: 22 Aug 2018 00:11

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
65	100	298534		
67	55.0	0.0	109.4	

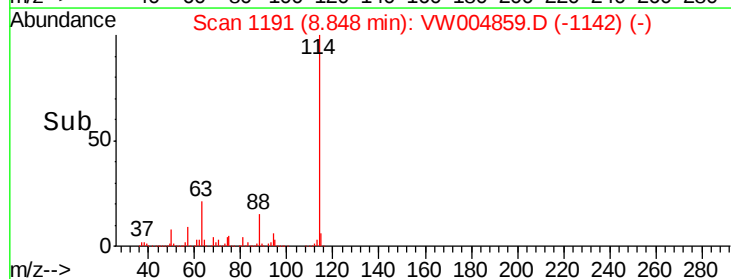
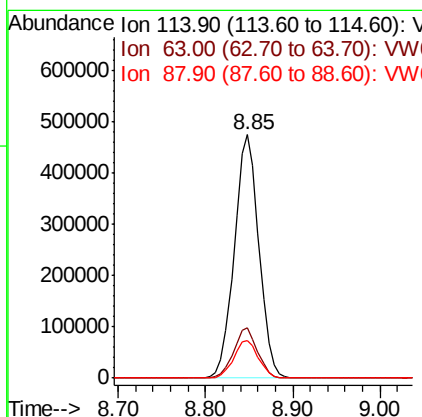
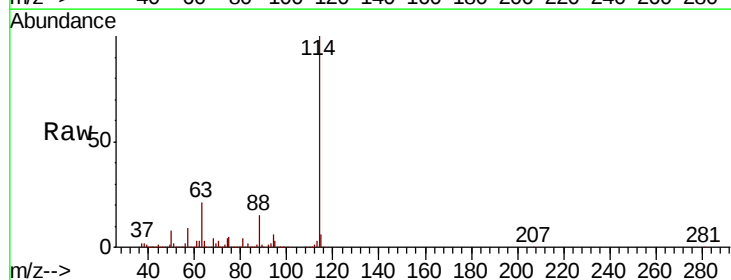
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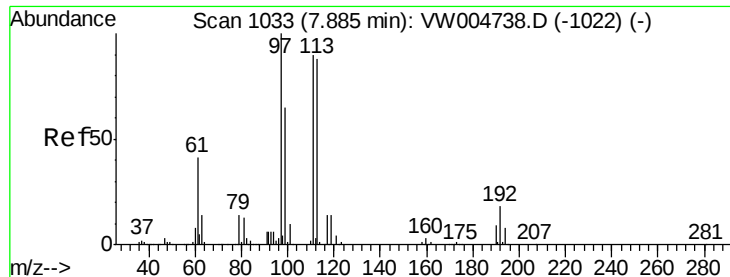
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. -0.00 min
 Lab File: VW004859.D
 Acq: 22 Aug 2018 00:11

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	923972		
63	20.5	0.0	39.0	
88	15.3	0.0	30.0	





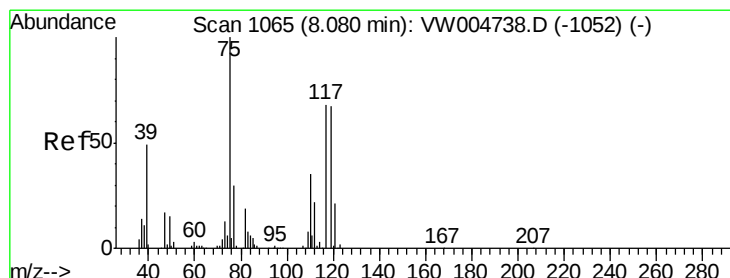
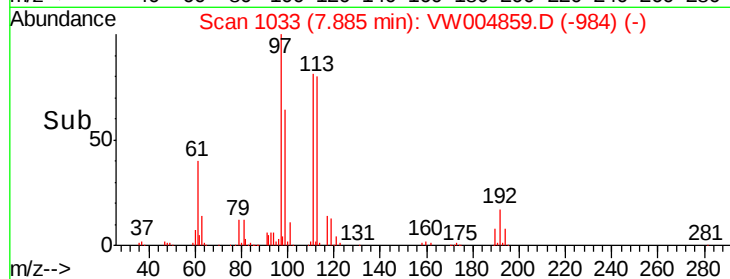
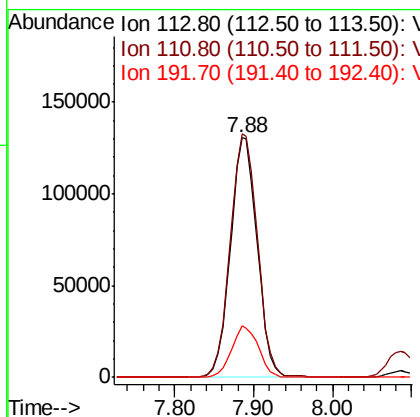
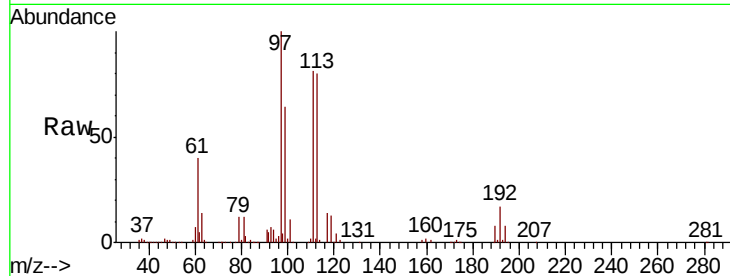
#35
 Dibromofluoromethane
 Concen: 51.98 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. -0.00 min
 Lab File: VW004859.D
 Acq: 22 Aug 2018 00:11

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
113	100	306954		
111	103.5	82.4	123.6	
192	21.3	16.7	25.1	

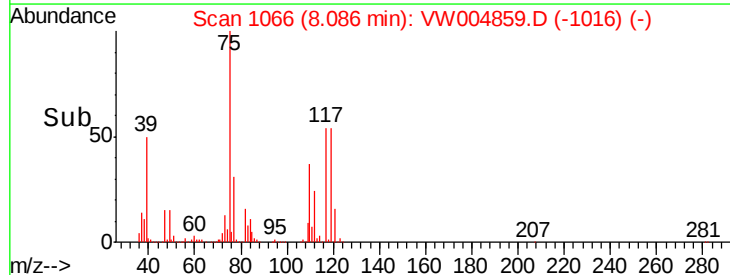
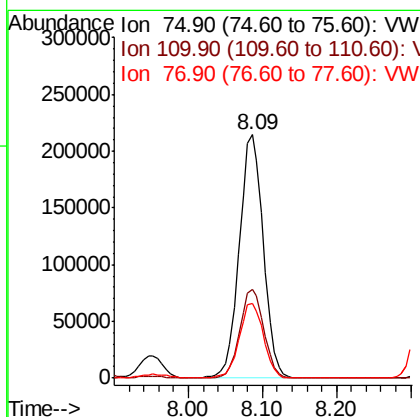
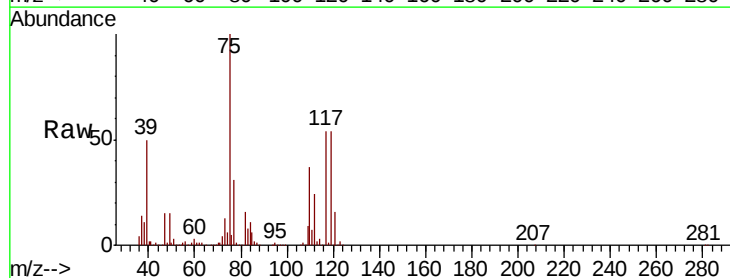
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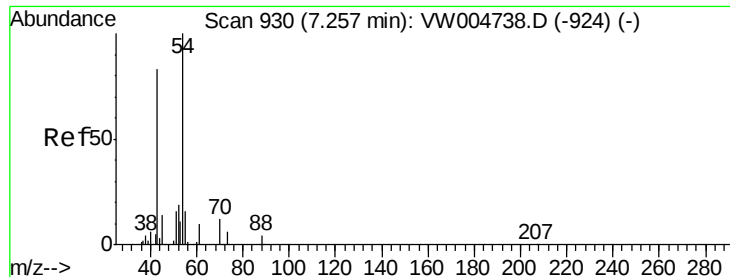
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#36
 1,1-Dichloropropene
 Concen: 50.91 ug/l
 RT: 8.09 min Scan# 1066
 Delta R.T. 0.01 min
 Lab File: VW004859.D
 Acq: 22 Aug 2018 00:11

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	484579		
110	36.4	17.8	53.5	
77	31.1	24.9	37.3	





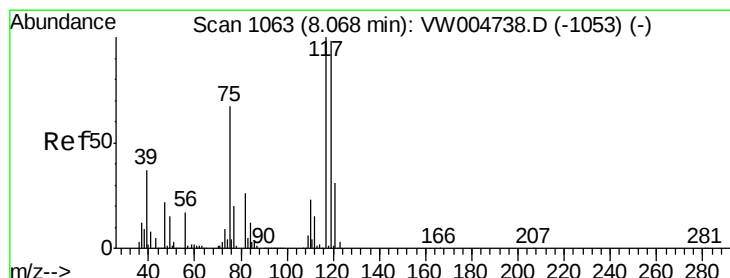
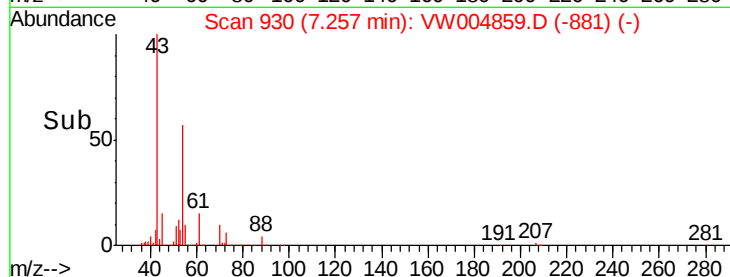
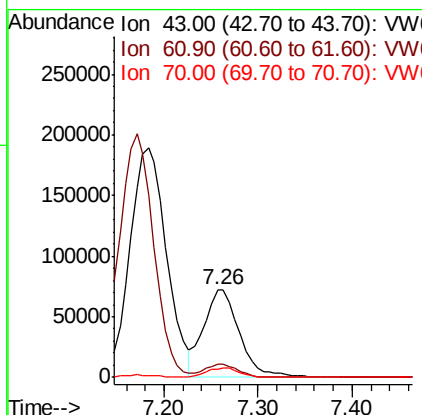
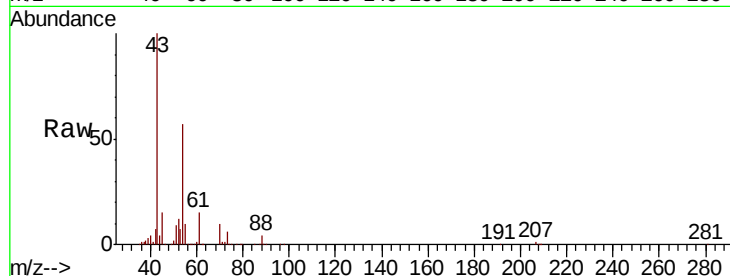
#37
Ethyl Acetate
Concen: 49.41 ug/l
RT: 7.26 min Scan# 930
Delta R.T. -0.00 min
Lab File: VW004859.D
Acq: 22 Aug 2018 00:11

Instrument :
MSVOA_W
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.8	11.6	17.4
70	10.6	9.2	13.8

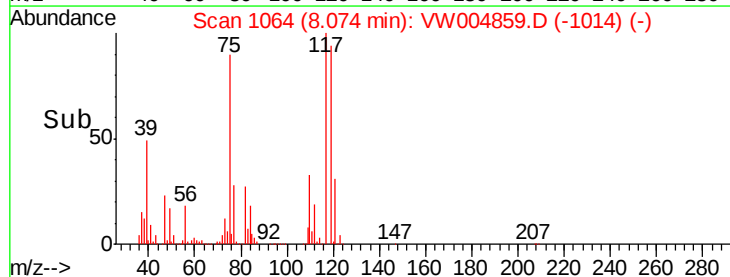
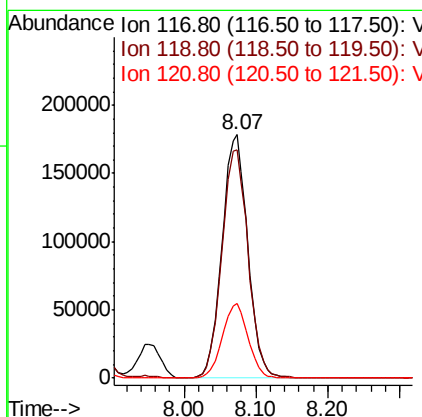
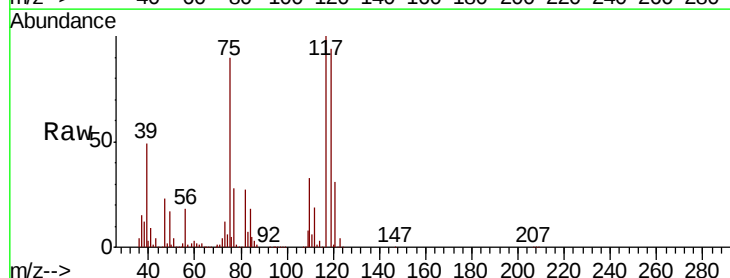
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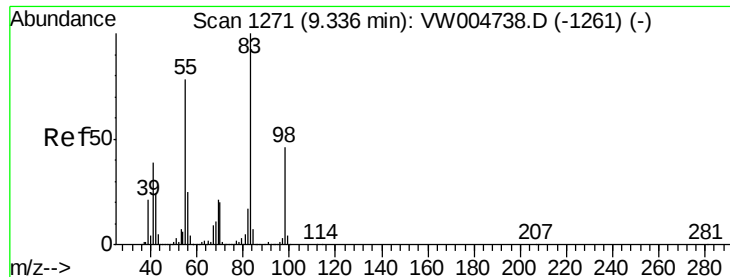
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#38
Carbon Tetrachloride
Concen: 50.56 ug/l
RT: 8.07 min Scan# 1064
Delta R.T. 0.01 min
Lab File: VW004859.D
Acq: 22 Aug 2018 00:11

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.7	78.0	117.0
121	30.8	24.8	37.2





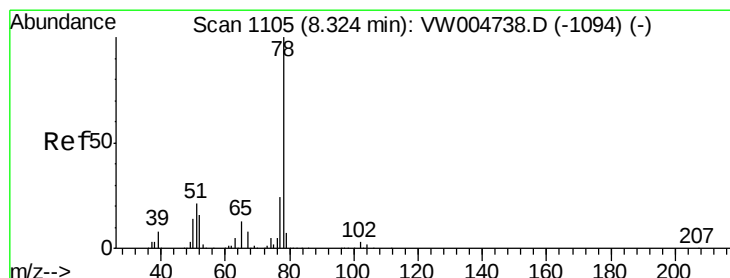
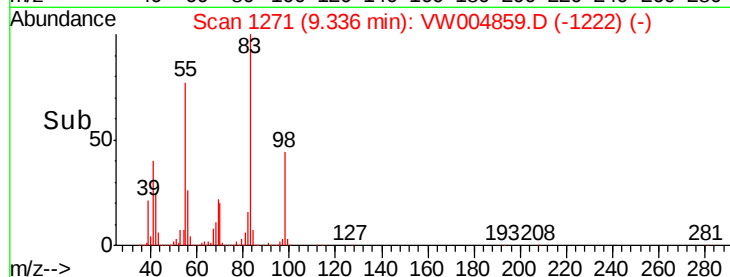
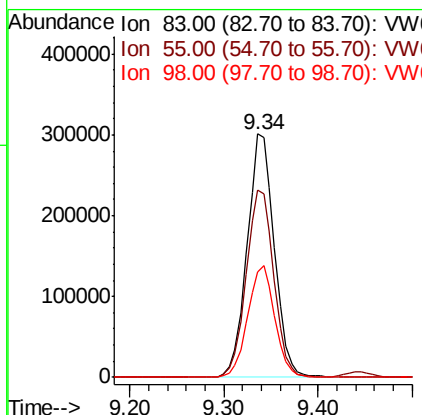
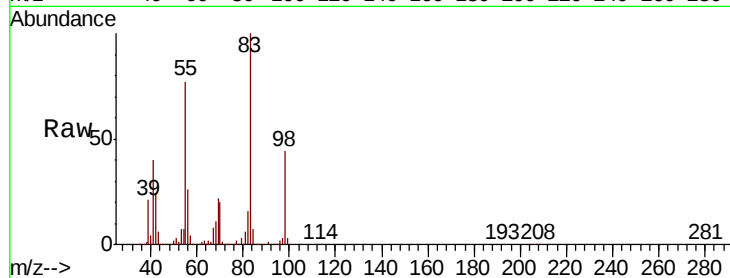
#39
Methvlcvclohexane
Concen: 51.21 ug/l
RT: 9.34 min Scan# 1271
Delta R.T. -0.00 min
Lab File: VW004859.D
Acq: 22 Aug 2018 00:11

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	77.0	62.4	93.6
98	43.5	36.5	54.7

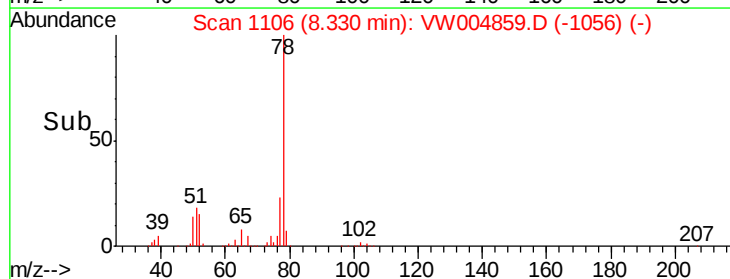
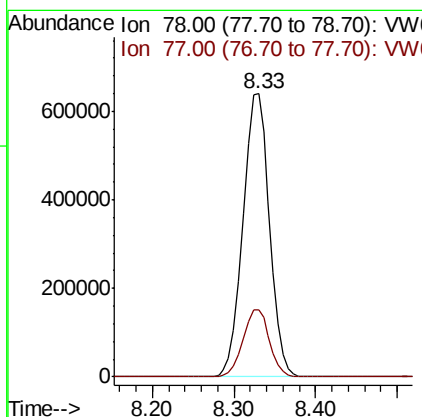
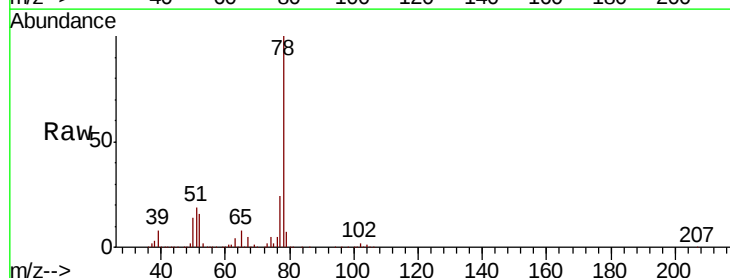
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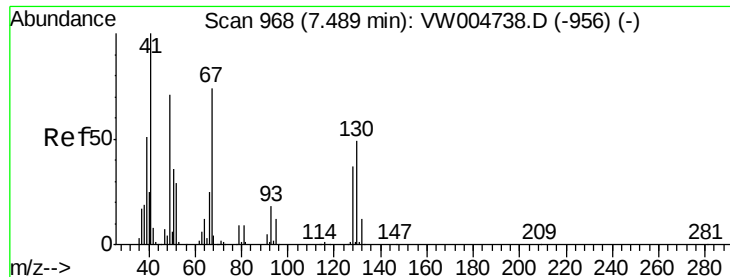
apatel
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#40
Benzene
Concen: 52.15 ug/l
RT: 8.33 min Scan# 1106
Delta R.T. 0.01 min
Lab File: VW004859.D
Acq: 22 Aug 2018 00:11

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.5	19.0	28.6





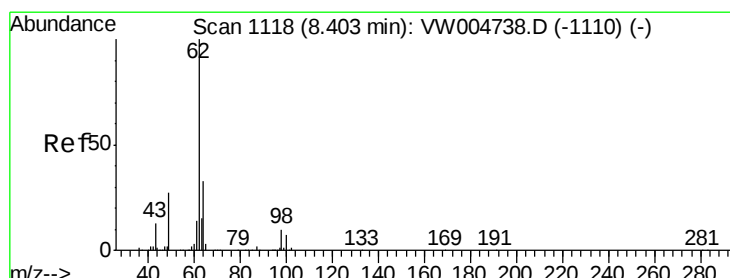
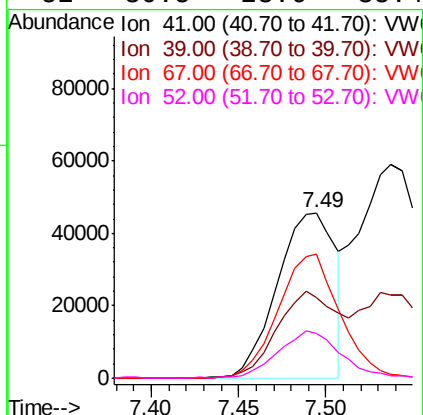
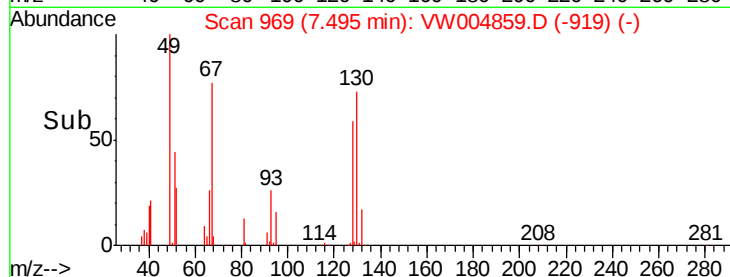
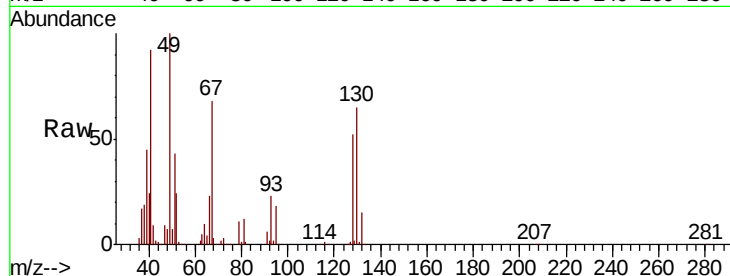
#41
Methacrylonitrile
Concen: 49.03 ug/l
RT: 7.49 min Scan# 969
Delta R.T. 0.01 min
Lab File: VW004859.D
Acq: 22 Aug 2018 00:11

Instrument :
MSVOA_W
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
41	100		
39	56.9	41.0	61.4
67	80.5	59.5	89.3
52	30.5	23.6	35.4

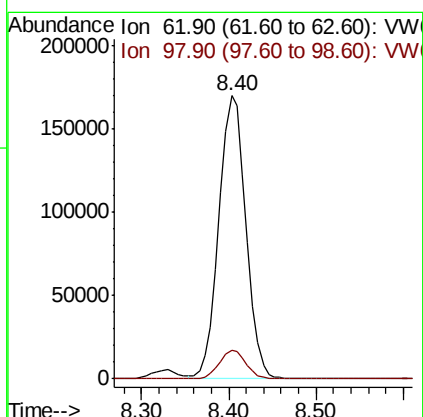
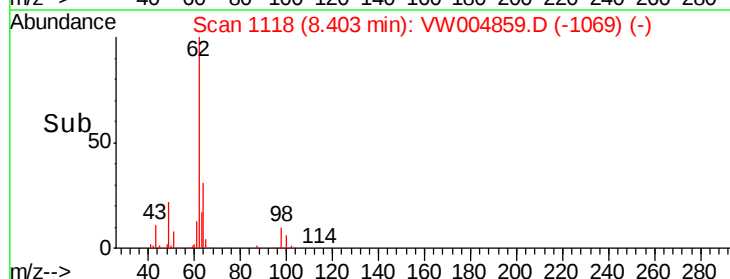
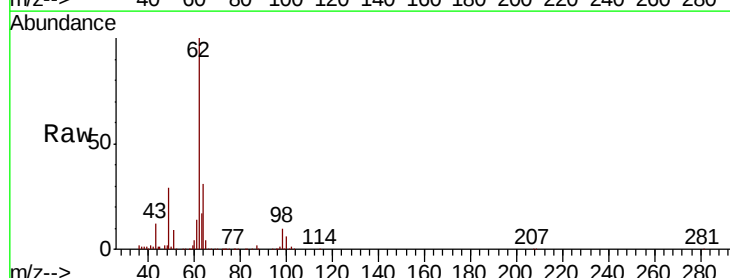
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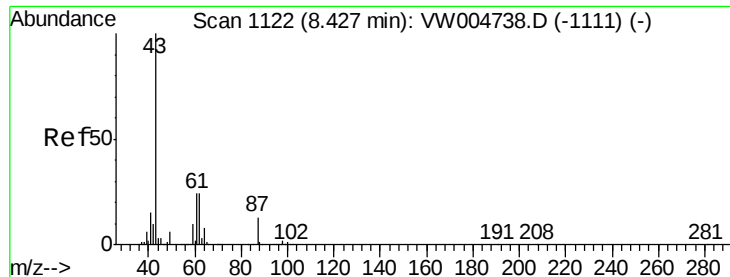
apatel
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#42
1,2-Dichloroethane
Concen: 51.38 ug/l
RT: 8.40 min Scan# 1118
Delta R.T. -0.00 min
Lab File: VW004859.D
Acq: 22 Aug 2018 00:11

Tgt Ion	Ratio	Lower	Upper
62	100		
98	10.1	0.0	20.2





#43

Isopropyl Acetate

Concen: 50.21 ug/l

RT: 8.43 min Scan# 1123

Delta R.T. 0.01 min

Lab File: VW004859.D

Acq: 22 Aug 2018 00:11

Instrument :

MSVOA_W

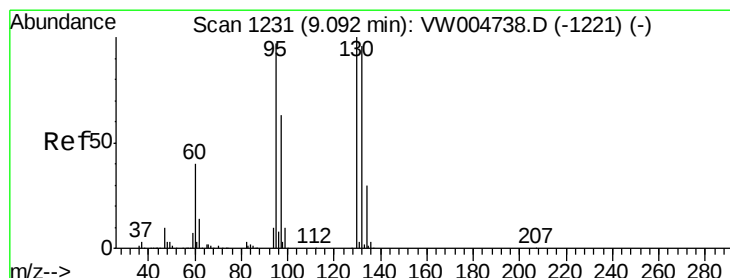
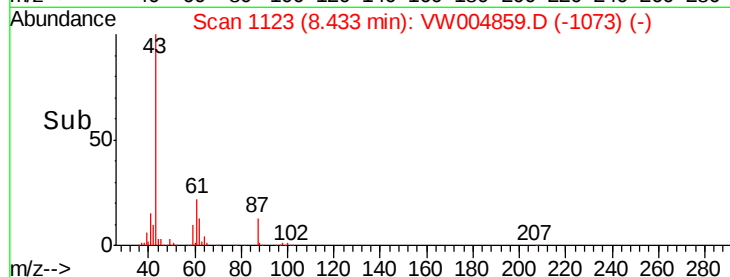
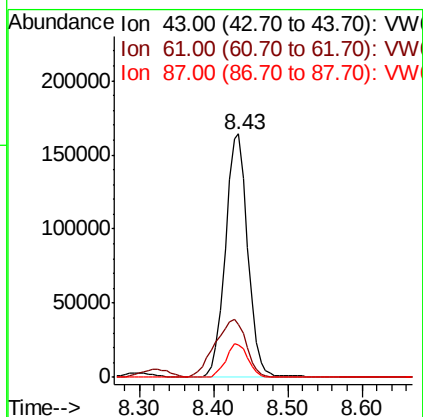
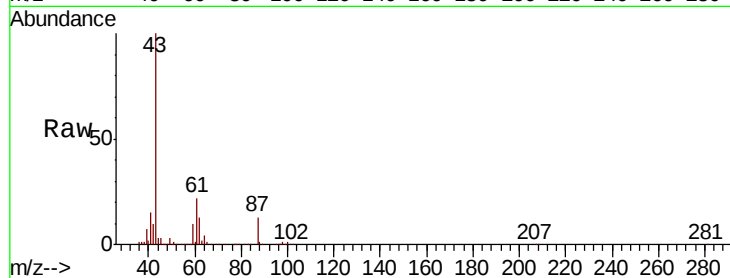
ClientSampleId :

VSTDCCC050

Tot Ion:	43	Resp:	342178
Ion	Ratio	Lower	Upper
43	100		
61	33.5	26.2	39.4
87	13.8	10.9	16.3

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#44

Trichloroethene

Concen: 50.60 ug/l

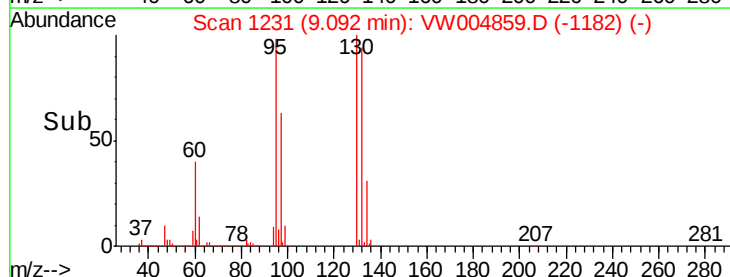
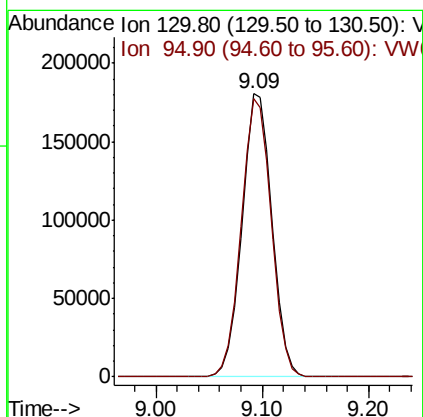
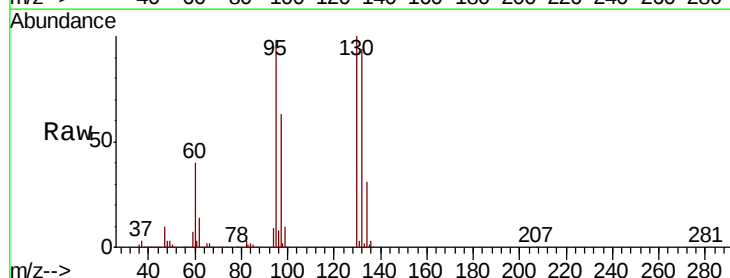
RT: 9.09 min Scan# 1231

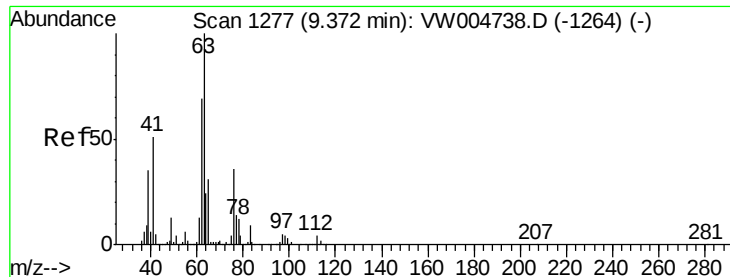
Delta R.T. -0.00 min

Lab File: VW004859.D

Acq: 22 Aug 2018 00:11

Tgt Ion:	130	Resp:	355324
Ion	Ratio	Lower	Upper
130	100		
95	98.1	0.0	194.4





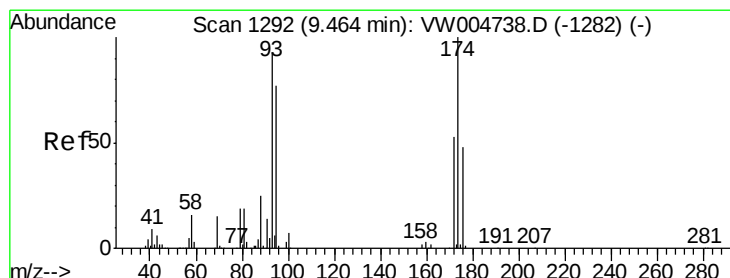
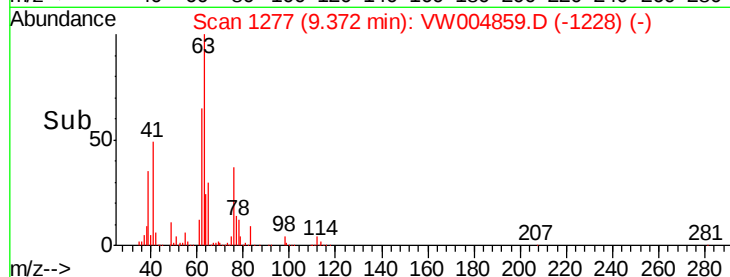
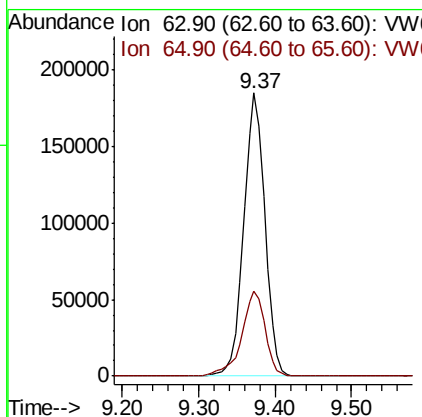
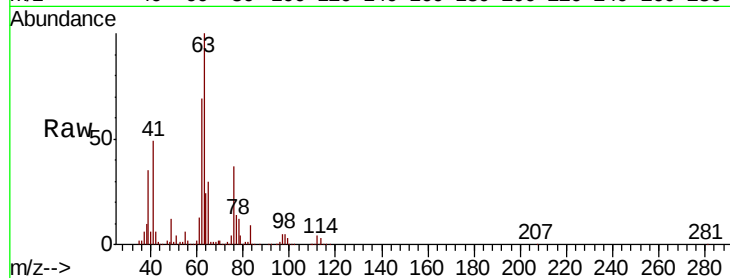
#45
 1,2-Dichloropropane
 Concen: 52.46 ug/l
 RT: 9.37 min Scan# 1277
 Delta R.T. -0.00 min
 Lab File: VW004859.D
 Acq: 22 Aug 2018 00:11

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
63	100		
65	30.2	24.6	37.0

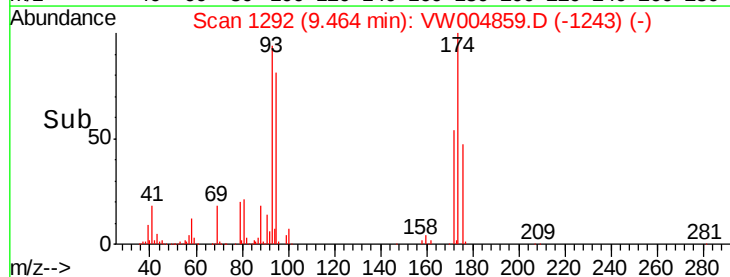
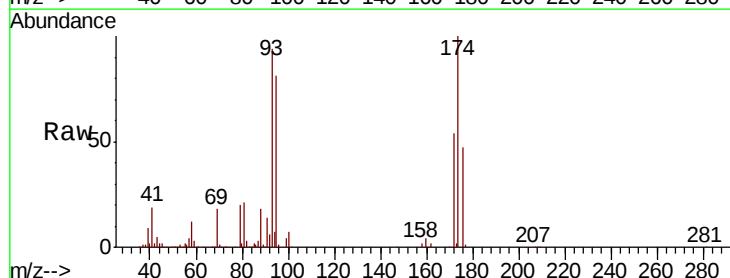
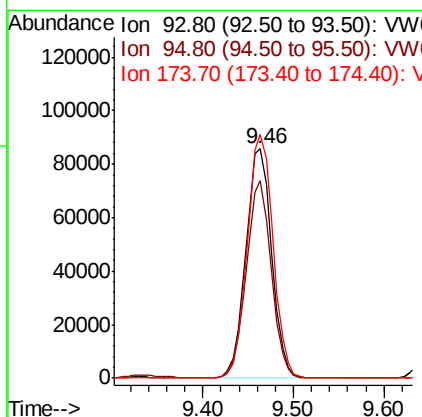
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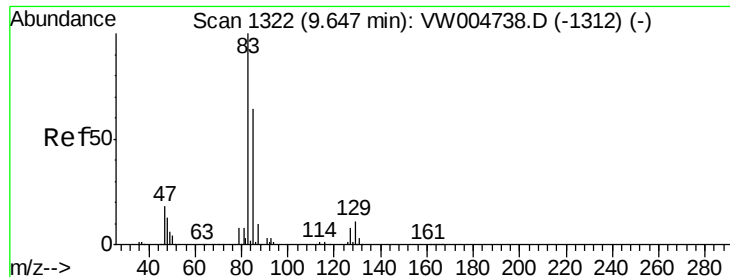
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#46
 Dibromomethane
 Concen: 50.40 ug/l
 RT: 9.46 min Scan# 1292
 Delta R.T. -0.00 min
 Lab File: VW004859.D
 Acq: 22 Aug 2018 00:11

Tgt Ion	Ratio	Lower	Upper
93	100		
95	83.4	66.6	99.8
174	106.0	85.3	127.9





#47

Bromodichloromethane

Concen: 51.17 ug/l

RT: 9.65 min Scan# 1322

Delta R.T. -0.00 min

Lab File: VW004859.D

Acq: 22 Aug 2018 00:11

Instrument :

MSVOA_W

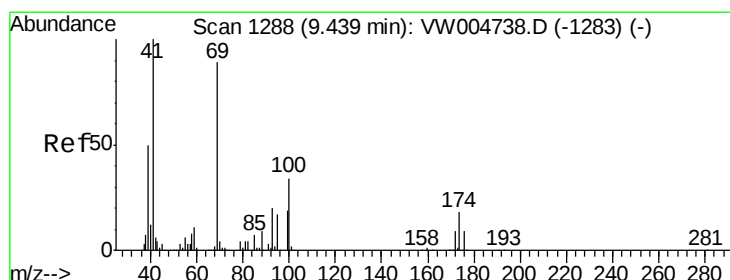
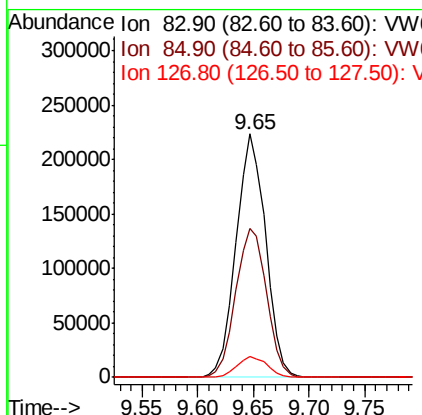
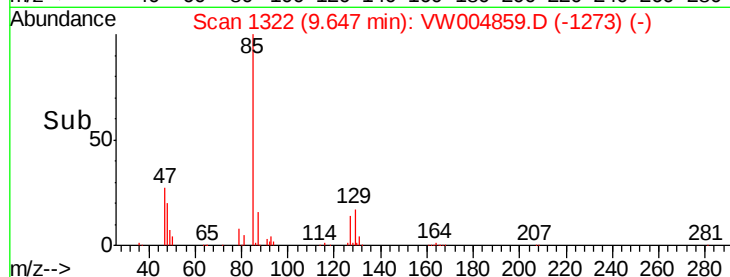
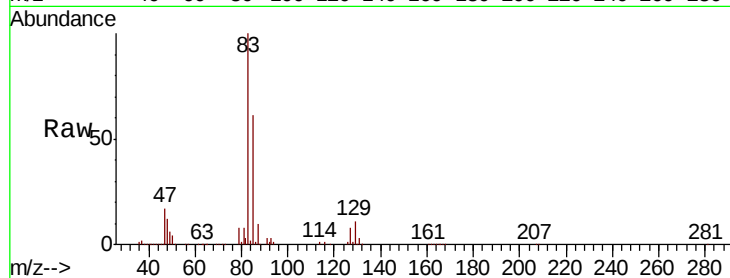
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	409693
Ion Ratio	Lower	Upper	
83	100		
85	61.4	51.2	76.8
127	8.3	6.7	10.1

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#48

Methyl methacrylate

Concen: 50.72 ug/l

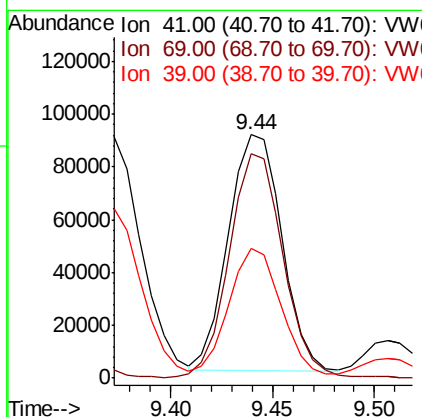
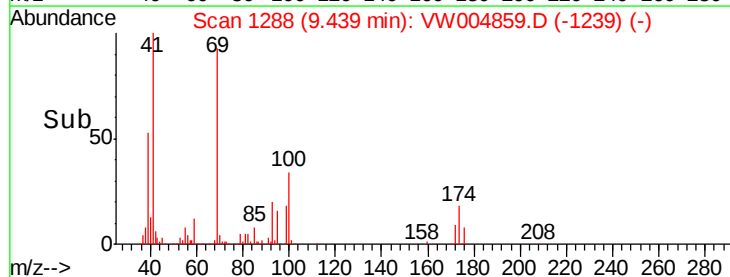
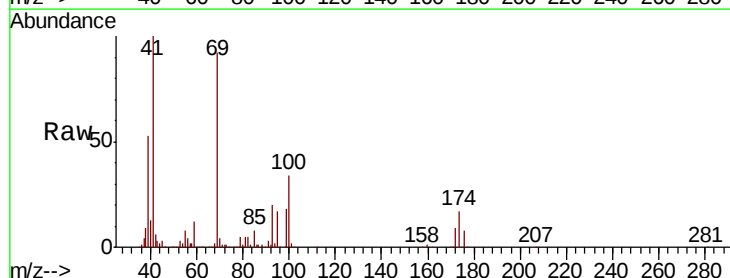
RT: 9.44 min Scan# 1288

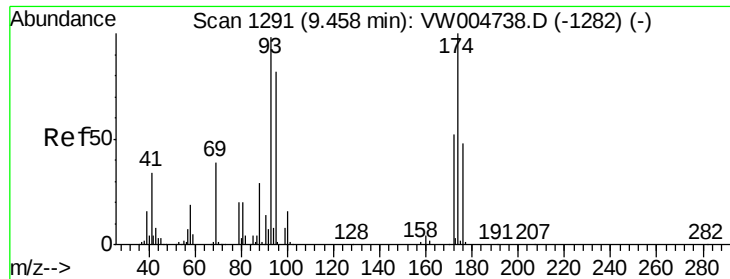
Delta R.T. -0.00 min

Lab File: VW004859.D

Acq: 22 Aug 2018 00:11

Tgt Ion:	41	Resp:	162197
Ion Ratio	Lower	Upper	
41	100		
69	95.9	75.2	112.8
39	50.8	39.8	59.6





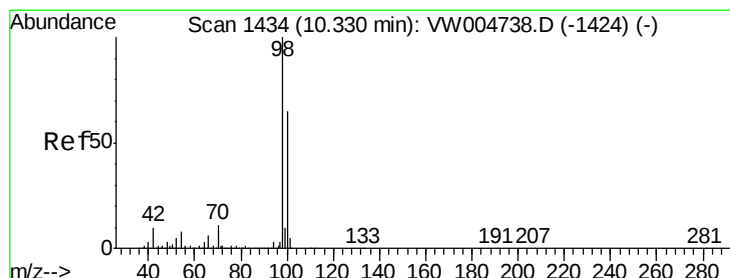
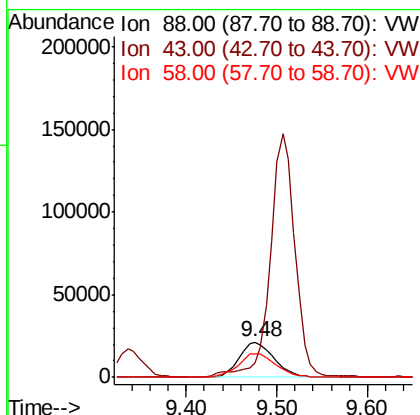
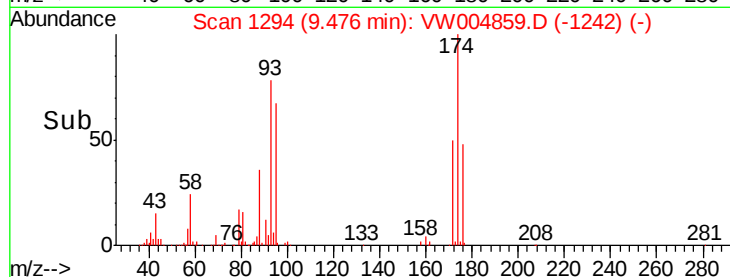
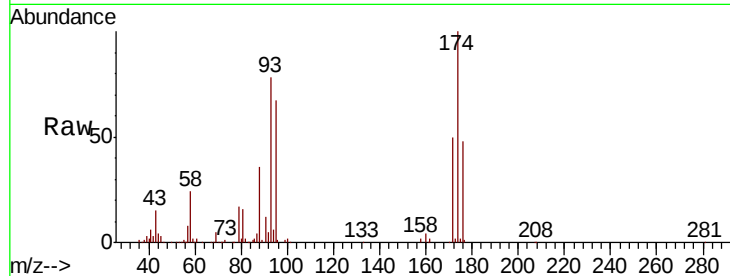
#49
1,4-Dioxane
Concen: 1158.73 ug/l
RT: 9.48 min Scan# 1294
Delta R.T. 0.02 min
Lab File: VW004859.D
Acq: 22 Aug 2018 00:11

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
88	100		
43	0.0	22.9	34.3#
58	74.0	60.0	90.0

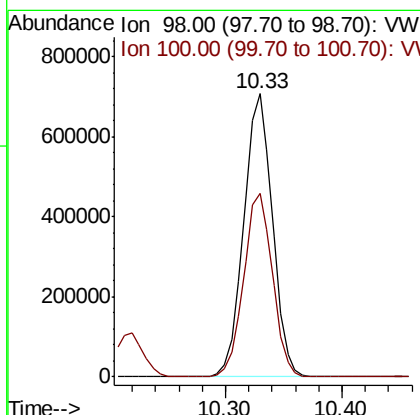
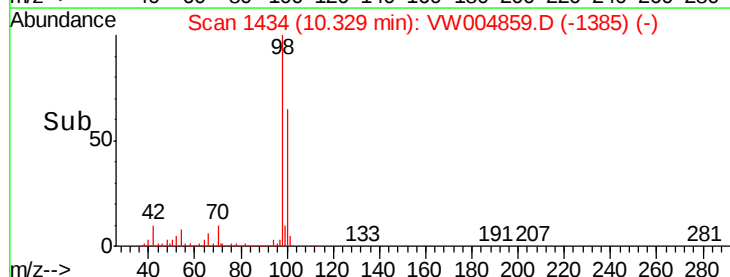
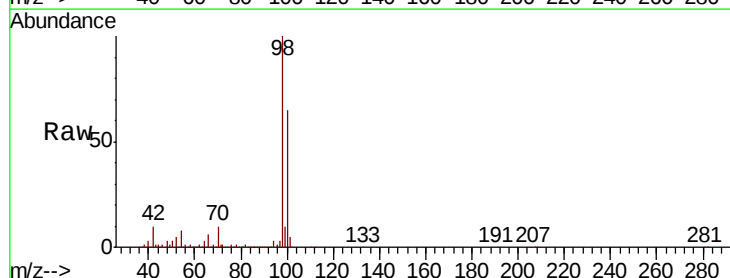
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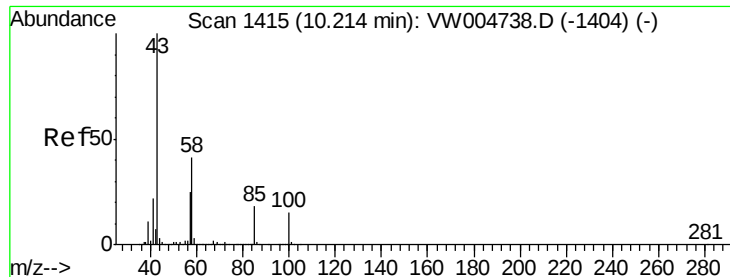
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#50
Toluene-d8
Concen: 52.80 ug/l
RT: 10.33 min Scan# 1434
Delta R.T. -0.00 min
Lab File: VW004859.D
Acq: 22 Aug 2018 00:11

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.9	51.8	77.8





#51

4-Methyl-2-Pentanone

Concen: 258.87 ug/l

RT: 10.21 min Scan# 1415

Delta R.T. -0.00 min

Lab File: VW004859.D

Acq: 22 Aug 2018 00:11

Instrument :

MSVOA_W

ClientSampled :

VSTDCCC050

Tot Ion: 43 Resp: 1192437

Ion Ratio Lower Upper

43 100

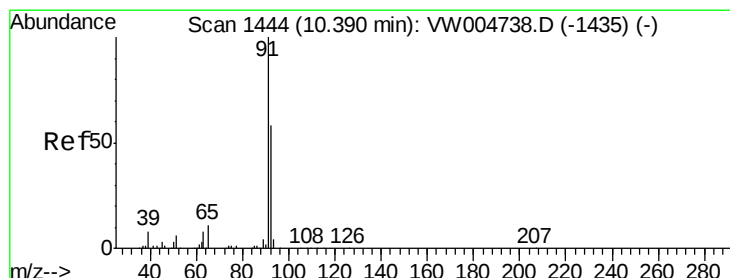
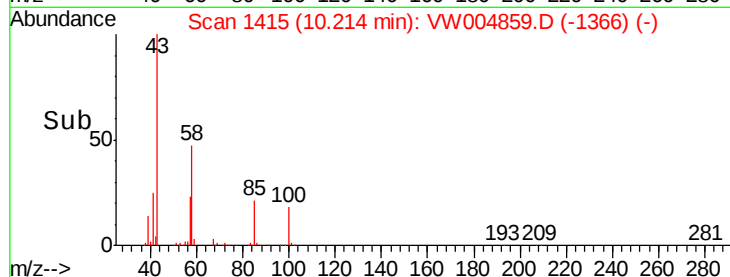
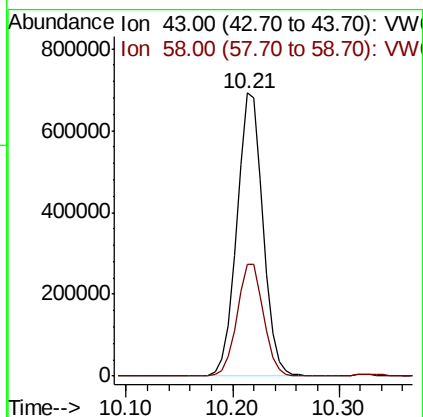
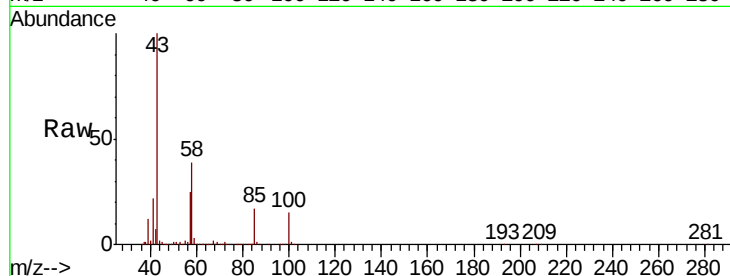
58 40.0 32.7 49.1

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#52

Toluene

Concen: 53.36 ug/l

RT: 10.39 min Scan# 1444

Delta R.T. -0.00 min

Lab File: VW004859.D

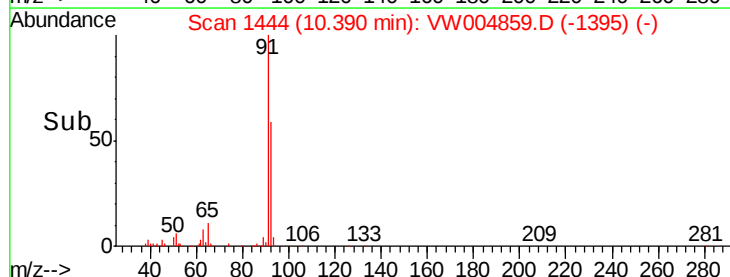
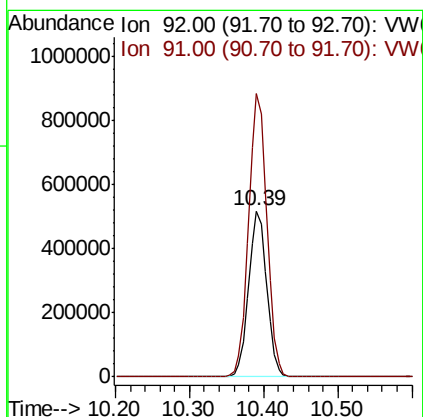
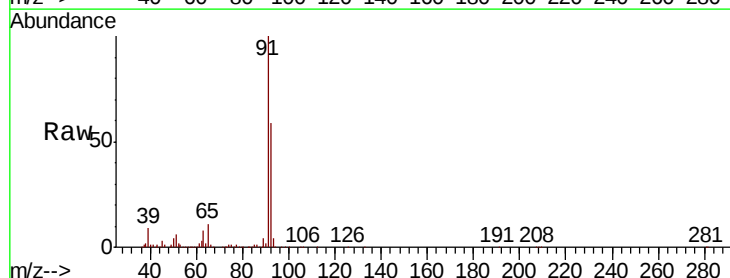
Acq: 22 Aug 2018 00:11

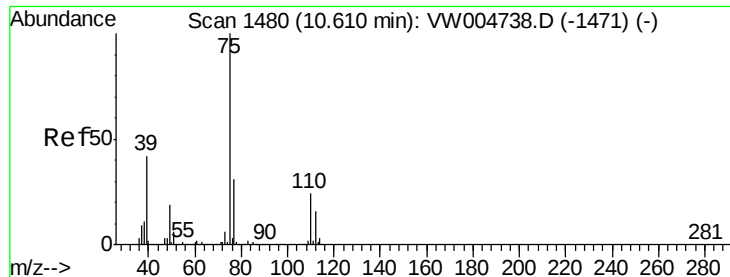
Tgt Ion: 92 Resp: 885344

Ion Ratio Lower Upper

92 100

91 172.1 138.3 207.5





#53

t-1,3-Dichloropropene

Concen: 51.35 ug/l

RT: 10.61 min Scan# 1480

Delta R.T. -0.00 min

Lab File: VW004859.D

Acq: 22 Aug 2018 00:11

Instrument :

MSVOA_W

ClientSampled :

VSTDCCC050

Tot Ion: 75 Resp: 414183

Ion Ratio Lower Upper

75 100

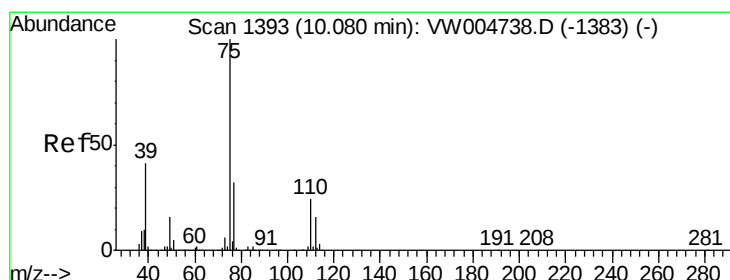
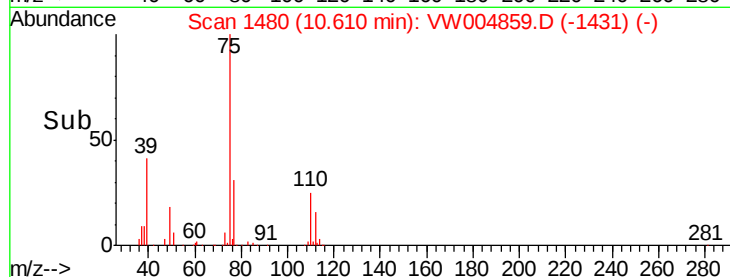
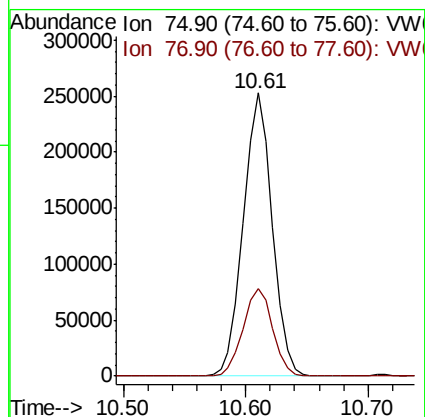
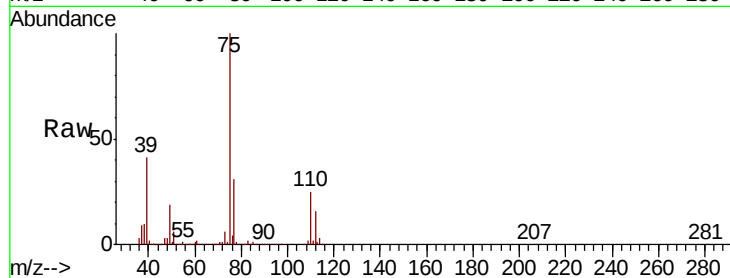
77 31.0 24.8 37.2

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#54

cis-1,3-Dichloropropene

Concen: 51.73 ug/l

RT: 10.07 min Scan# 1392

Delta R.T. -0.01 min

Lab File: VW004859.D

Acq: 22 Aug 2018 00:11

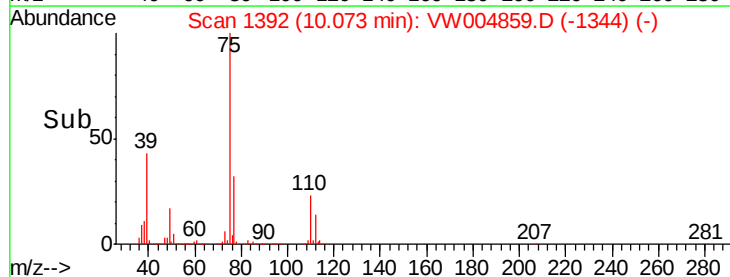
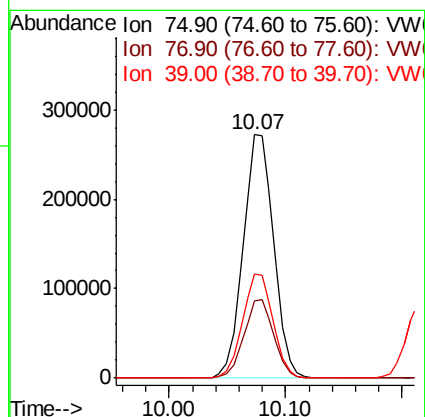
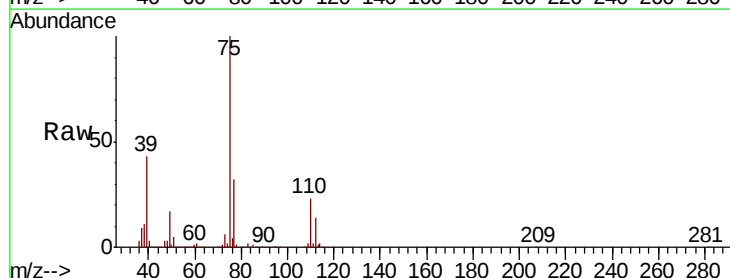
Tgt Ion: 75 Resp: 497449

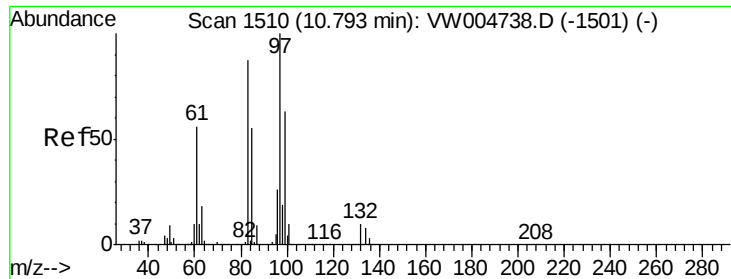
Ion Ratio Lower Upper

75 100

77 31.7 25.6 38.4

39 42.8 33.0 49.4





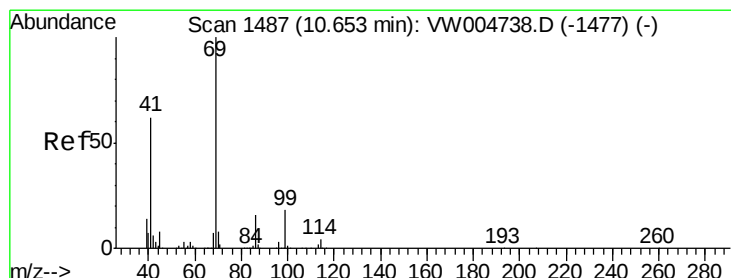
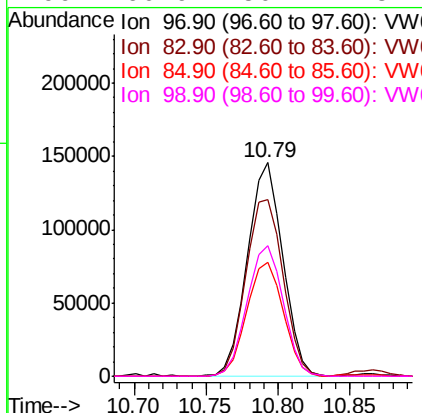
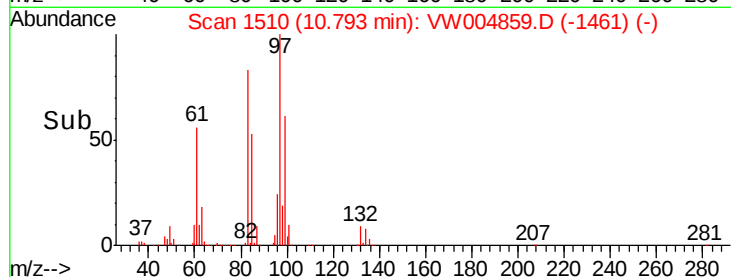
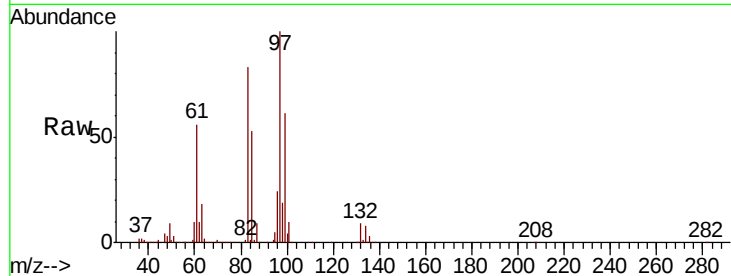
#55
 1,1,2-Trichloroethane
 Concen: 51.81 ug/l
 RT: 10.79 min Scan# 1510
 Delta R.T. -0.00 min
 Lab File: VW004859.D
 Acq: 22 Aug 2018 00:11

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		246898		
83	82.9	69.4	104.2		
85	53.2	44.3	66.5		
99	60.9	50.2	75.2		

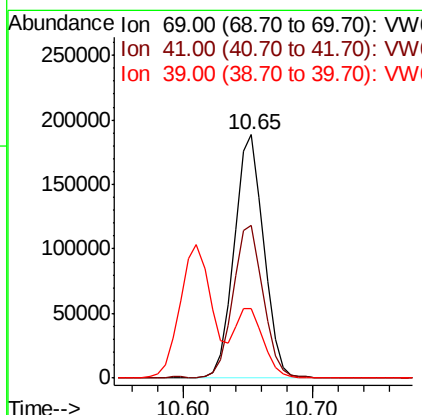
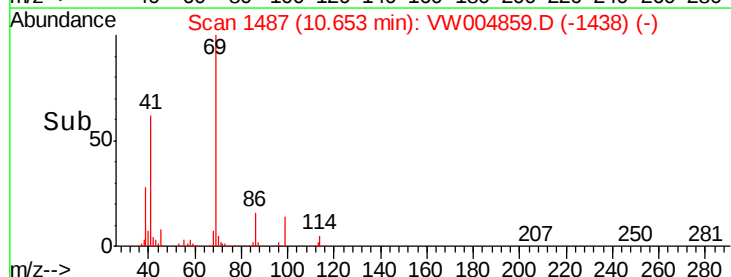
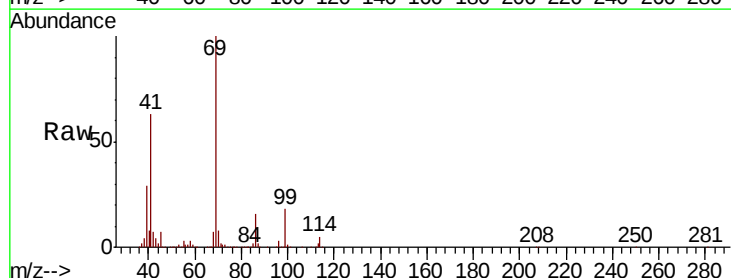
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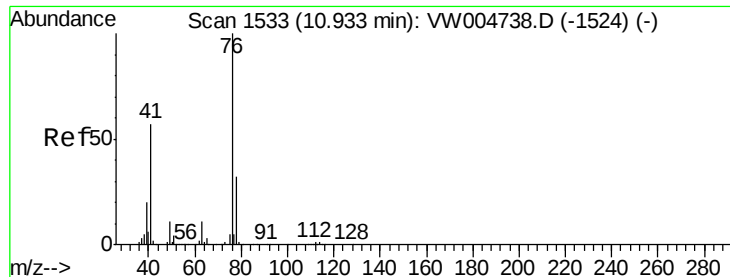
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#56
 Ethyl methacrylate
 Concen: 48.27 ug/l
 RT: 10.65 min Scan# 1487
 Delta R.T. 0.00 min
 Lab File: VW004859.D
 Acq: 22 Aug 2018 00:11

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		299802		
41	63.9	50.7	76.1		
39	26.7	21.4	32.2		





#57

1,3-Dichloropropane

Concen: 52.32 ug/l

RT: 10.94 min Scan# 1534

Delta R.T. 0.01 min

Lab File: VW004859.D

Acq: 22 Aug 2018 00:11

Instrument :

MSVOA_W

ClientSampled :

VSTDCCC050

Tot Ion: 76 Resp: 430345

Ion Ratio Lower Upper

76 100

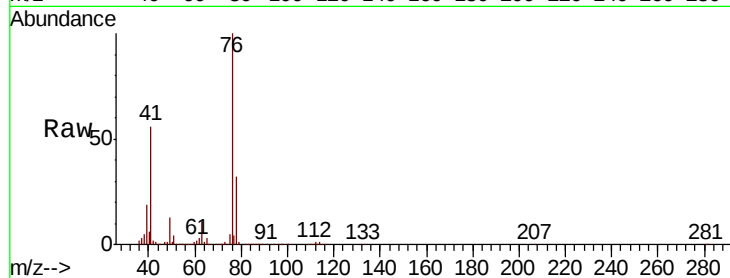
78 31.9 25.9 38.9

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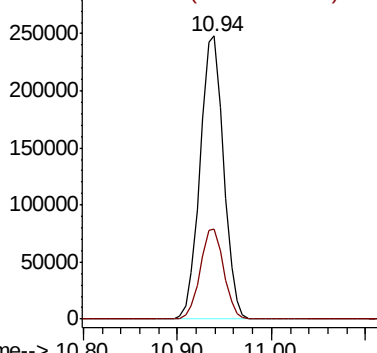
apatel

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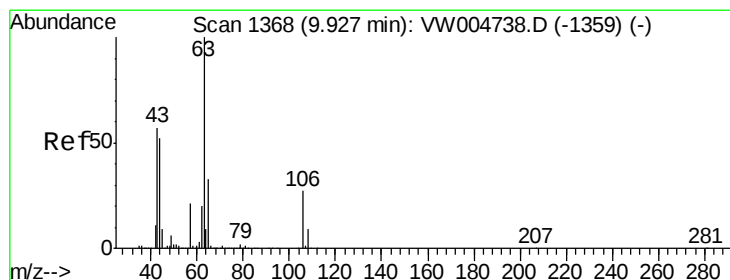
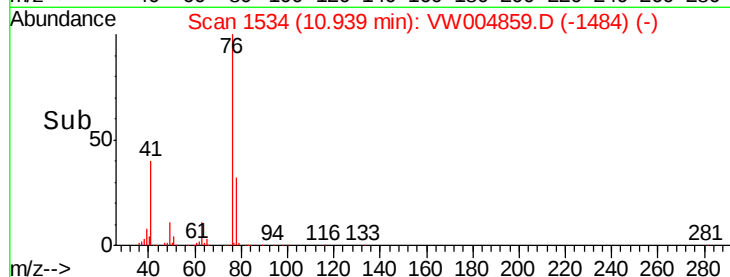


Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW



Time--> 10.80 10.90 11.00



#58

2-Chloroethyl Vinyl ether

Concen: 272.29 ug/l

RT: 9.93 min Scan# 1368

Delta R.T. -0.00 min

Lab File: VW004859.D

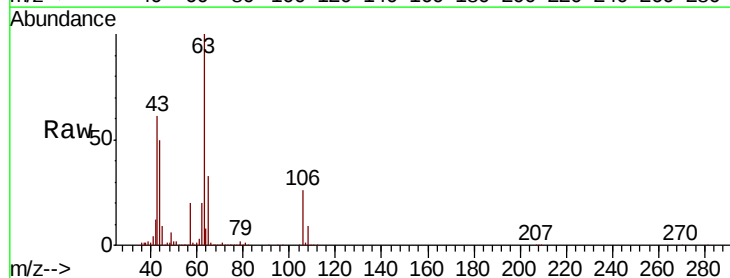
Acq: 22 Aug 2018 00:11

Tgt Ion: 63 Resp: 716555

Ion Ratio Lower Upper

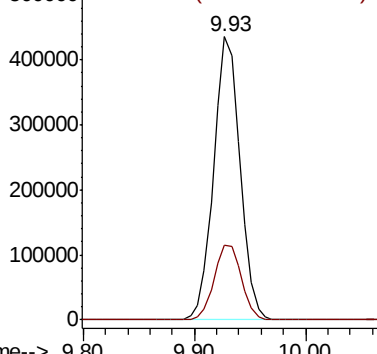
63 100

106 27.6 22.1 33.1

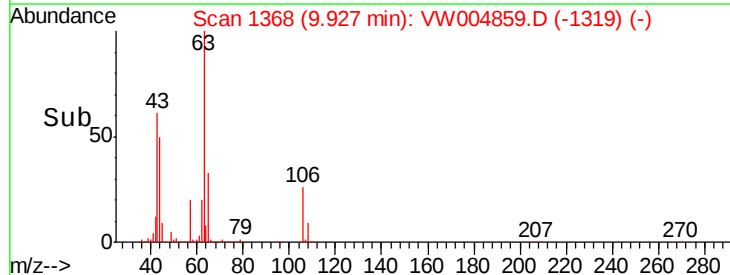


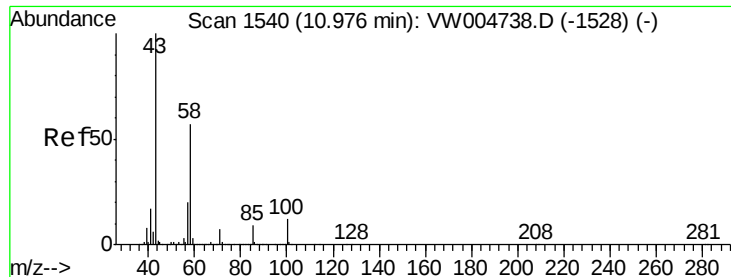
Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 105.90 (105.60 to 106.60): V



Time--> 9.80 9.90 10.00





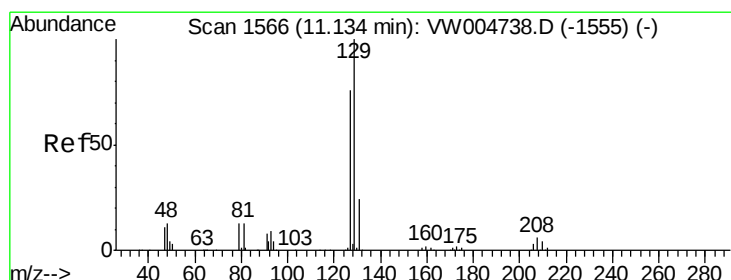
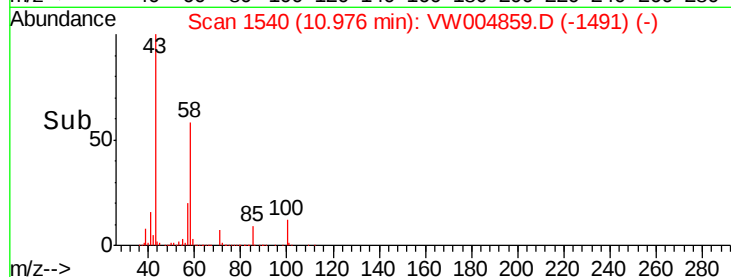
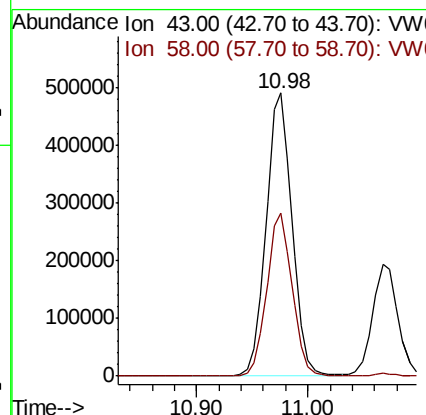
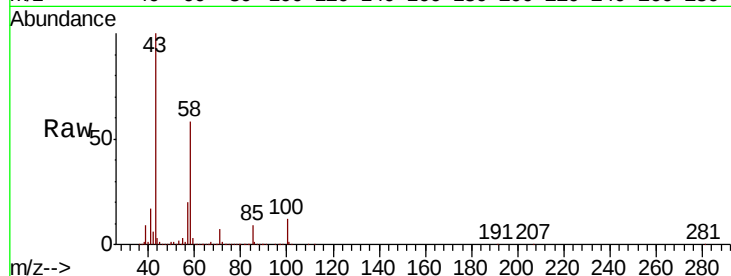
#59
2-Hexanone
Concen: 255.67 ug/l
RT: 10.98 min Scan# 1540
Delta R.T. -0.00 min
Lab File: VW004859.D
Acq: 22 Aug 2018 00:11

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
58	56.4	28.1	84.4

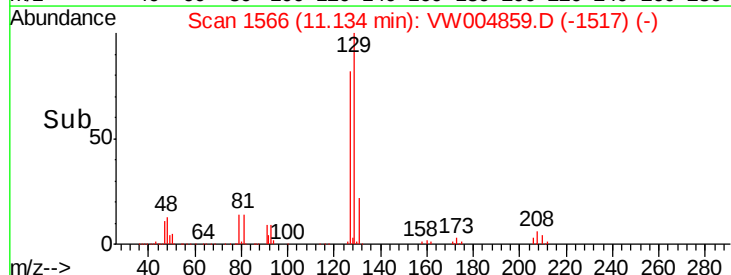
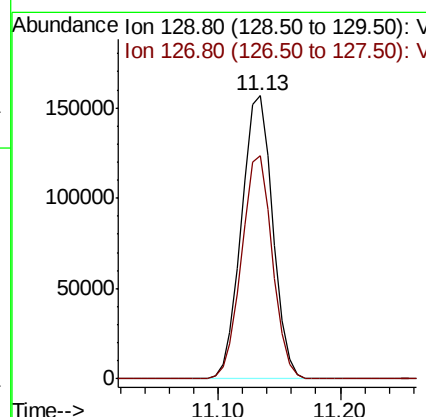
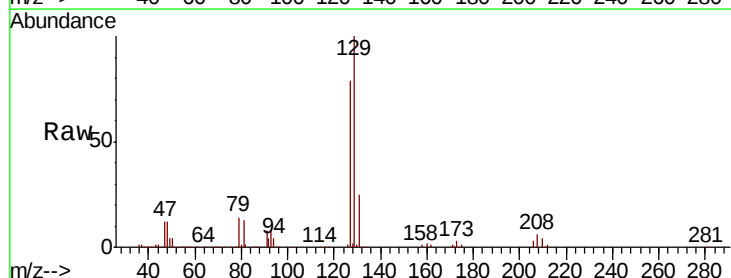
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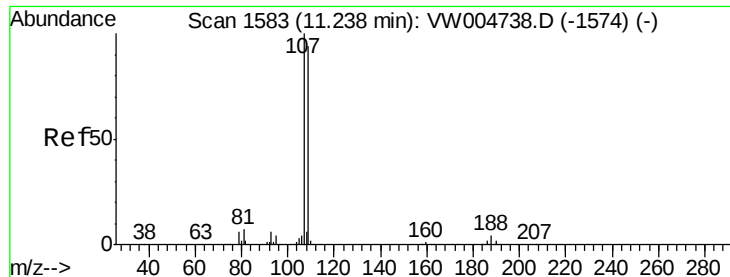
apatel
8/22/2018 11:25:38 AM



#60
Dibromochloromethane
Concen: 52.00 ug/l
RT: 11.13 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VW004859.D
Acq: 22 Aug 2018 00:11

Tgt Ion	Ratio	Lower	Upper
129	100		
127	77.5	38.5	115.5





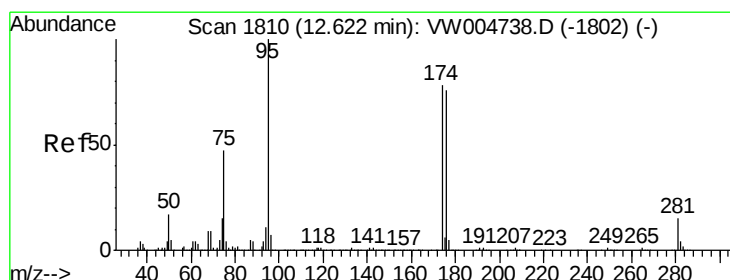
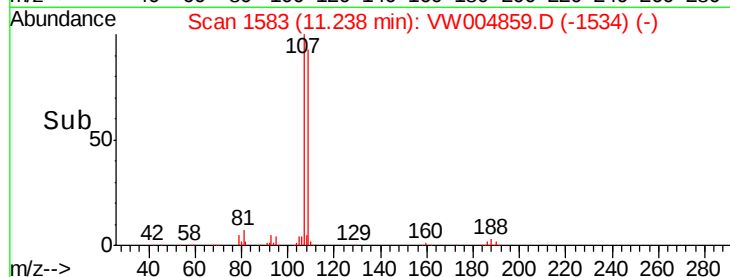
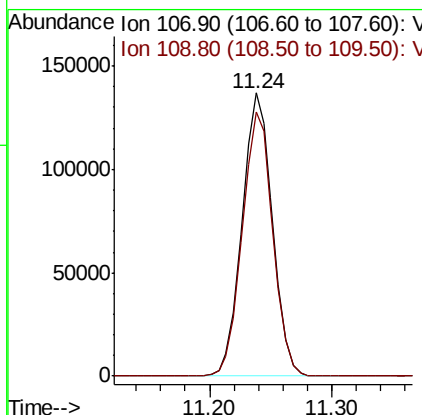
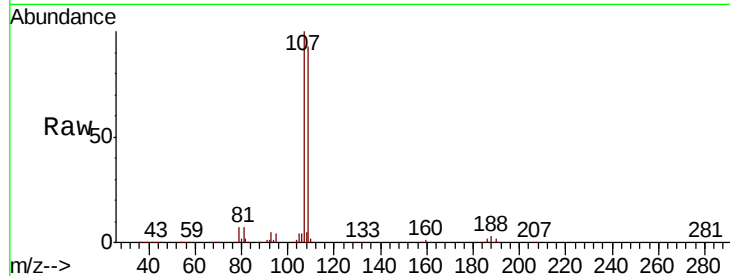
#61
 1,2-Dibromoethane
 Concen: 51.54 ug/l
 RT: 11.24 min Scan# 1583
 Delta R.T. -0.00 min
 Lab File: VW004859.D
 Acq: 22 Aug 2018 00:11

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
107	100		
109	94.1	75.5	113.3

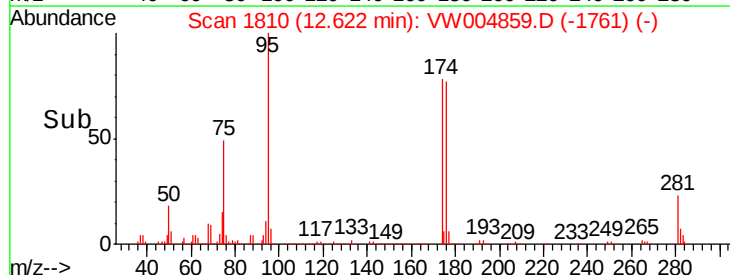
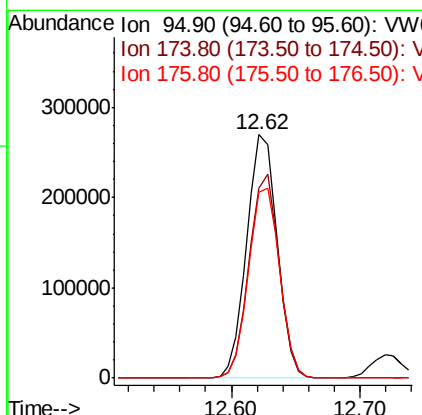
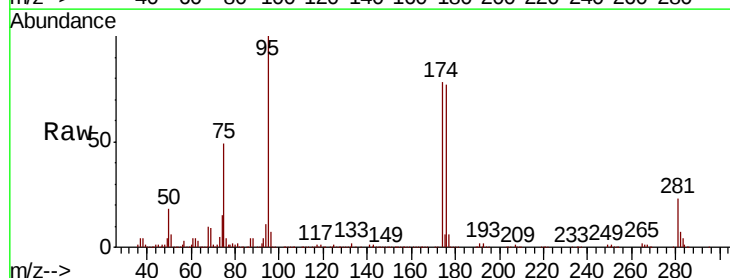
Manual Integrations
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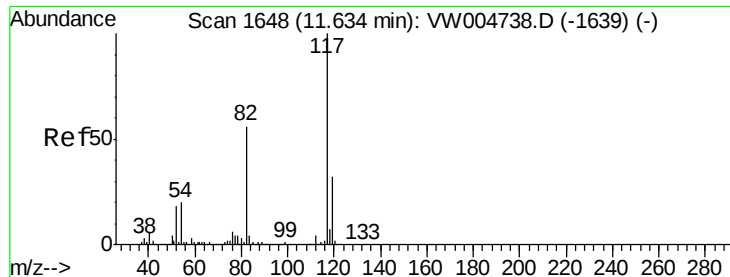
apatel
 8/22/2018 11:25:38 AM



#62
 4-Bromofluorobenzene
 Concen: 53.21 ug/l
 RT: 12.62 min Scan# 1810
 Delta R.T. -0.00 min
 Lab File: VW004859.D
 Acq: 22 Aug 2018 00:11

Tgt Ion	Ratio	Lower	Upper
95	100		
174	82.3	0.0	165.8
176	79.7	0.0	159.8





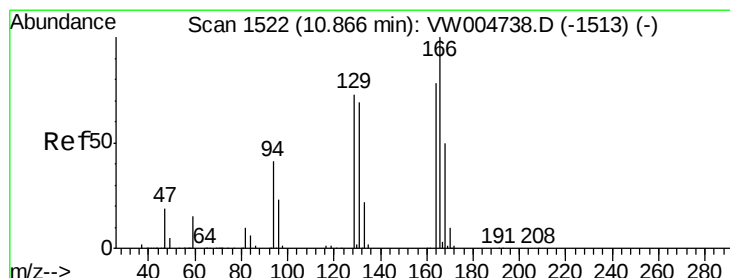
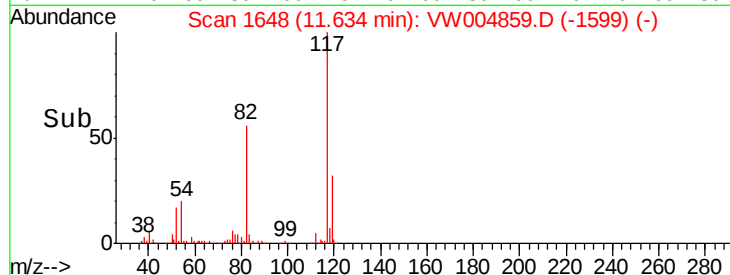
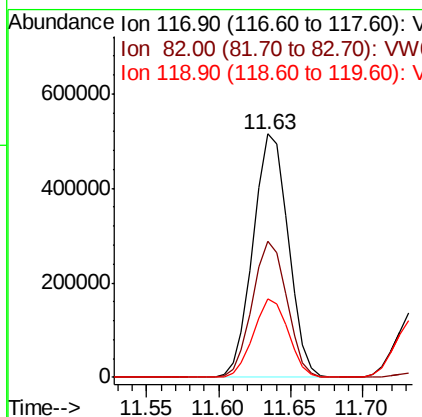
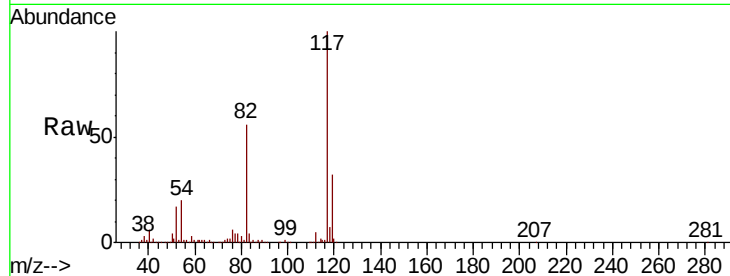
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. -0.00 min
Lab File: VW004859.D
Acq: 22 Aug 2018 00:11

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
117	100		
82	55.7	44.6	67.0
119	32.4	25.6	38.4

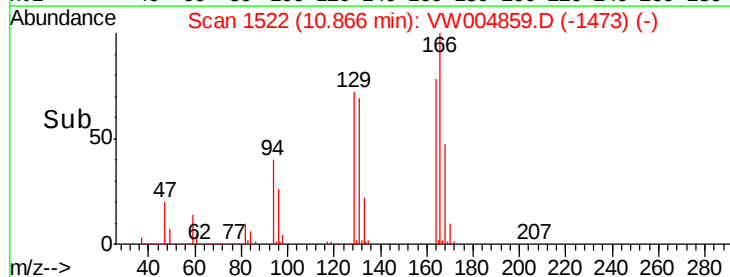
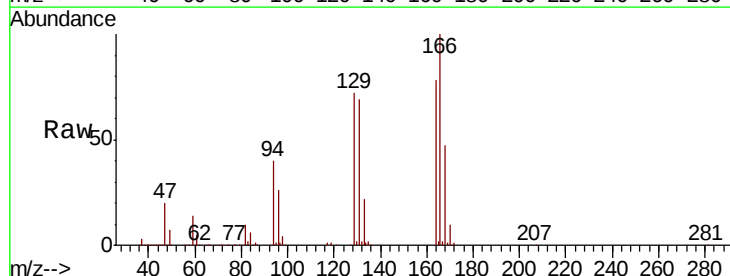
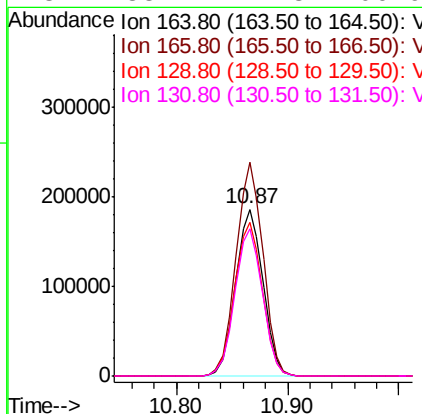
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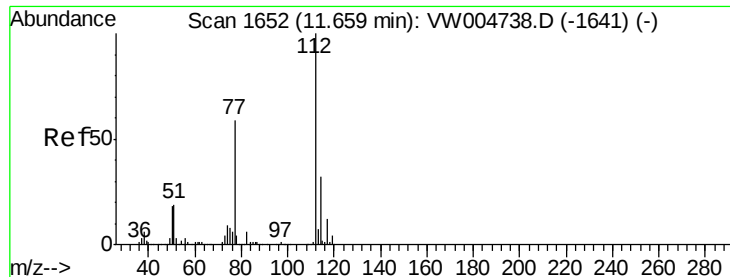
apatel
8/22/2018 11:25:38 AM



#64
Tetrachloroethene
Concen: 52.97 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. -0.00 min
Lab File: VW004859.D
Acq: 22 Aug 2018 00:11

Tgt Ion	Ratio	Lower	Upper
164	100		
166	128.2	102.5	153.7
129	92.4	75.1	112.7
131	88.1	71.3	106.9





#65

Chlorobenzene

Concen: 51.29 ug/l

RT: 11.66 min Scan# 1653

Delta R.T. 0.01 min

Lab File: VW004859.D

Acq: 22 Aug 2018 00:11

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion:112 Resp: 961478

Ion Ratio Lower Upper

112 100

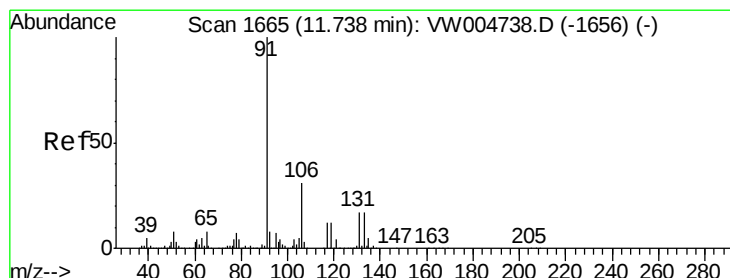
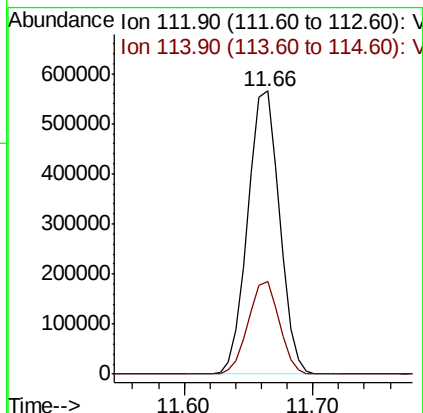
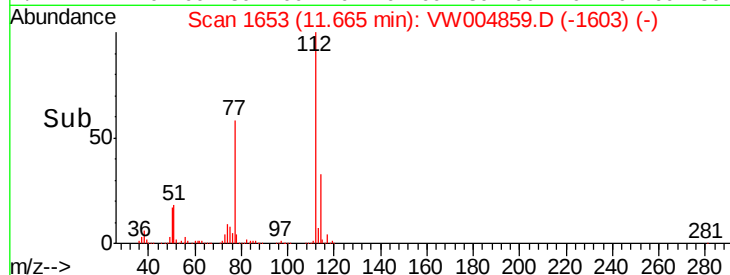
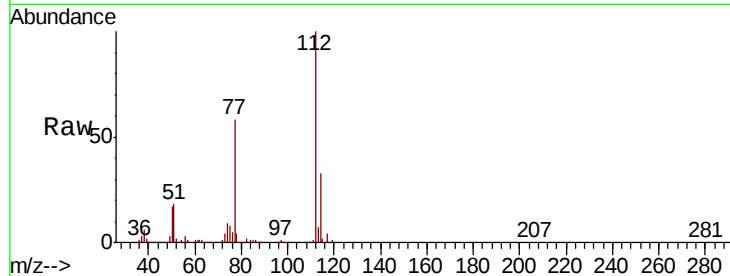
114 32.7 25.4 38.2

Manual Integrations

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#66

1,1,1,2-Tetrachloroethane

Concen: 51.71 ug/l

RT: 11.74 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VW004859.D

Acq: 22 Aug 2018 00:11

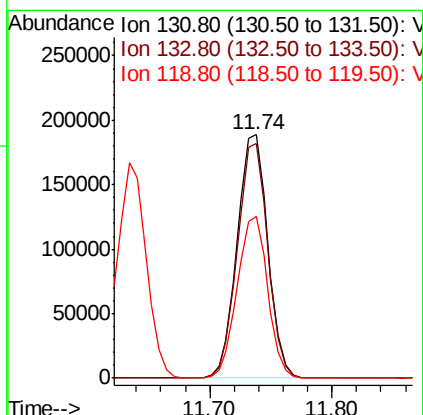
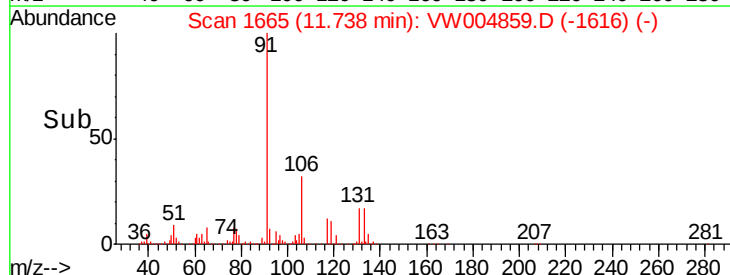
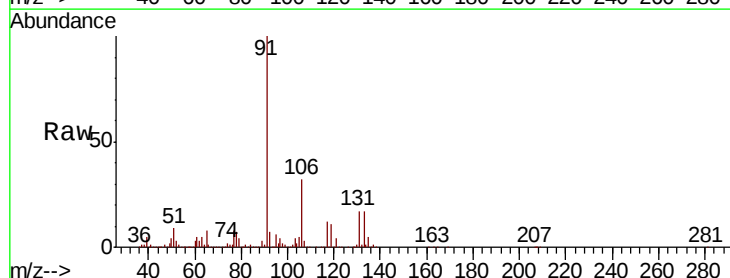
Tgt Ion:131 Resp: 327307

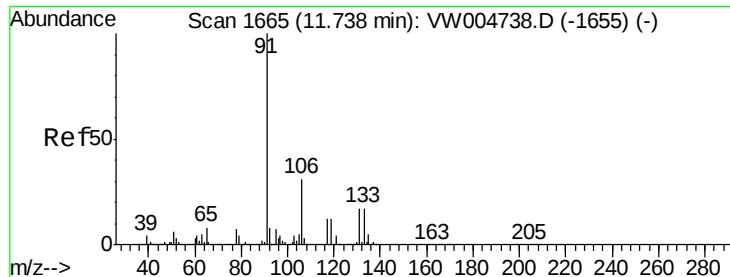
Ion Ratio Lower Upper

131 100

133 95.6 48.2 144.6

119 66.3 34.0 102.0





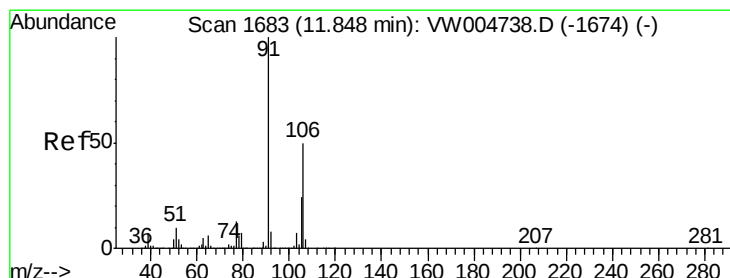
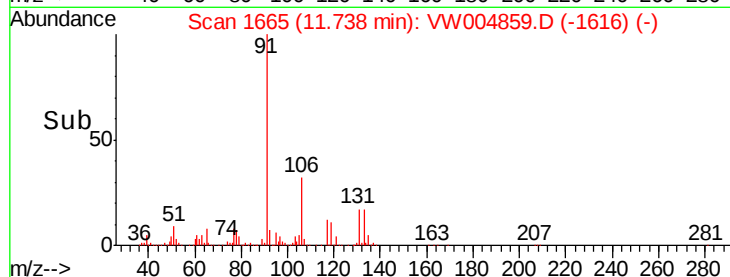
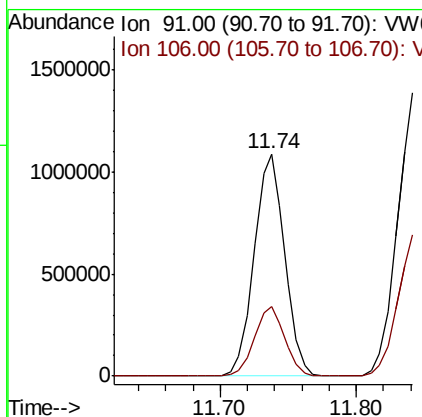
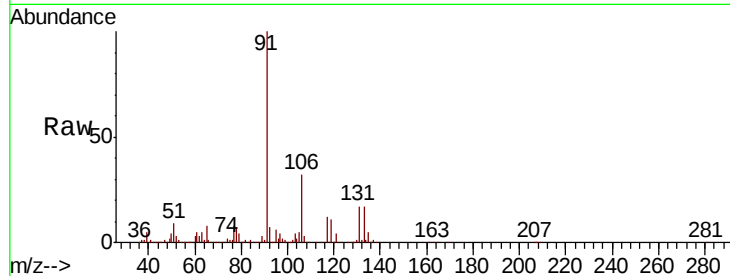
#67
Ethyl Benzene
Concen: 53.86 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. -0.00 min
Lab File: VW004859.D
Acq: 22 Aug 2018 00:11

Instrument :
MSVOA_W
ClientSampled :
VSTDCCC050

Tot Ion: 91 Resp: 1711480
Ion Ratio Lower Upper
91 100
106 31.5 24.9 37.3

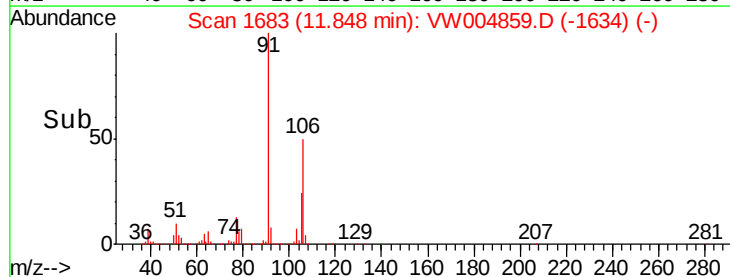
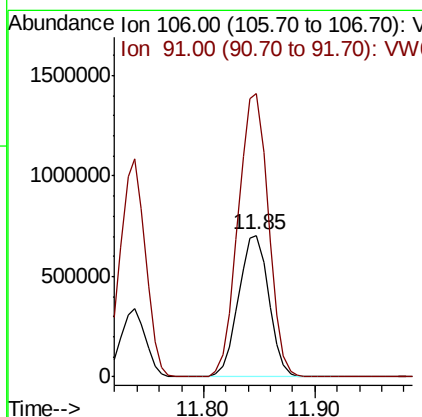
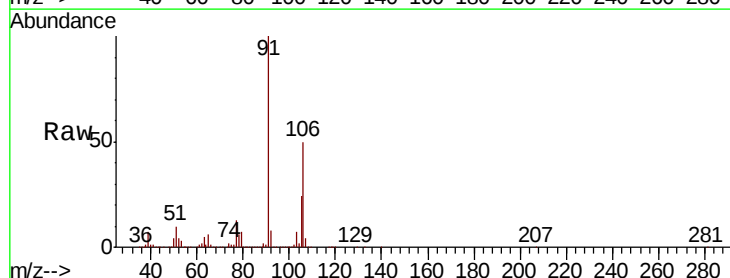
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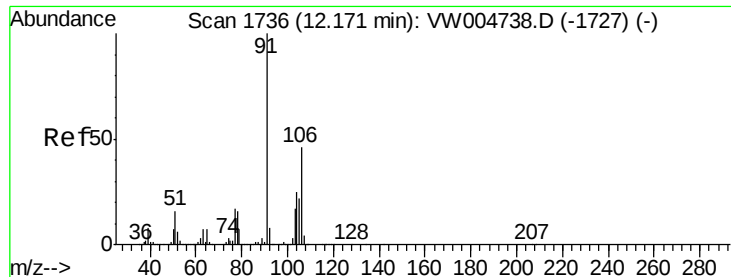
apatel
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#68
m/p-Xylenes
Concen: 107.54 ug/l
RT: 11.85 min Scan# 1683
Delta R.T. -0.00 min
Lab File: VW004859.D
Acq: 22 Aug 2018 00:11

Tgt Ion:106 Resp: 1329527
Ion Ratio Lower Upper
106 100
91 200.5 159.9 239.9





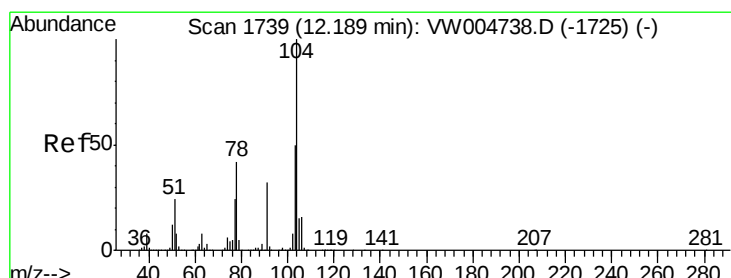
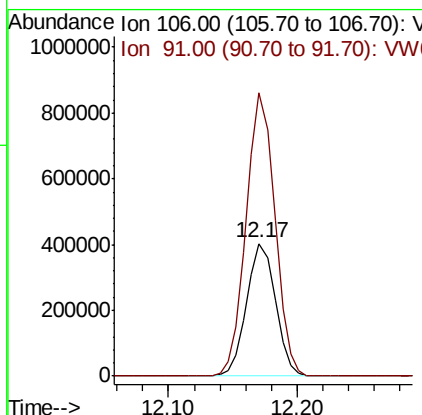
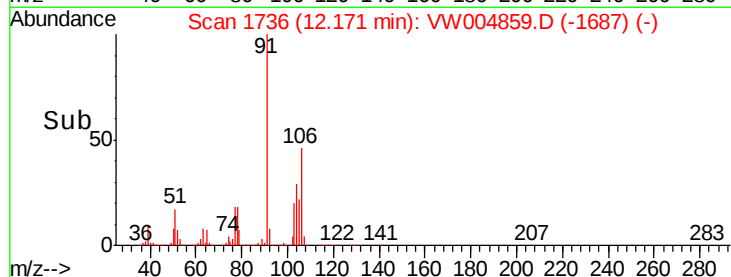
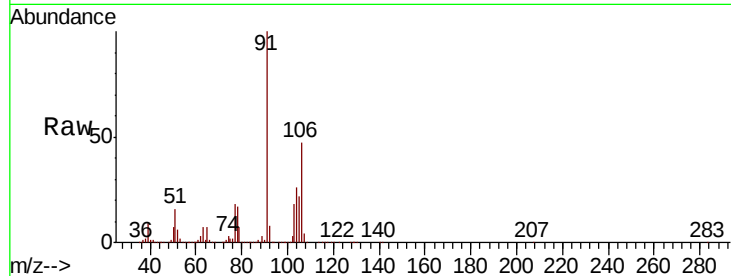
#69
o-Xylene
Concen: 54.70 ug/l
RT: 12.17 min Scan# 1736
Delta R.T. -0.00 min
Lab File: VW004859.D
Acq: 22 Aug 2018 00:11

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
106	100		
91	212.1	107.3	321.8

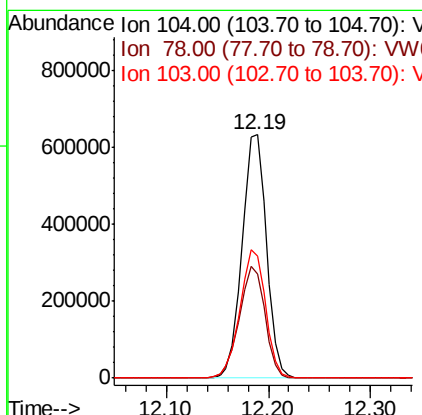
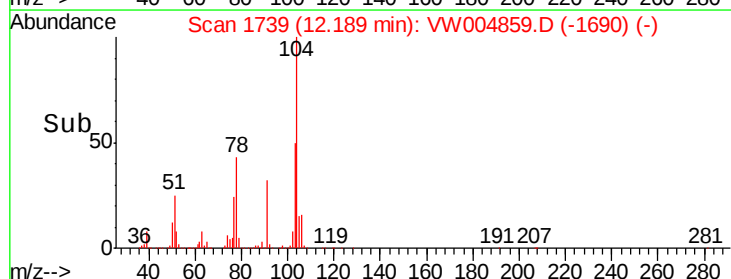
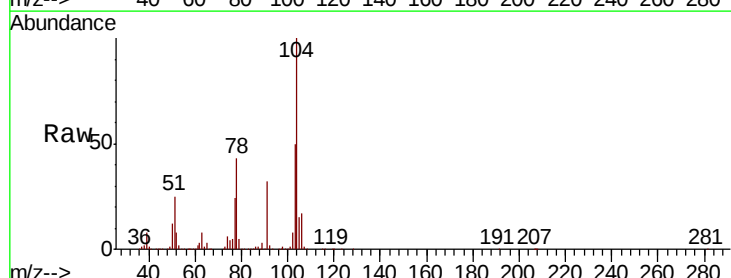
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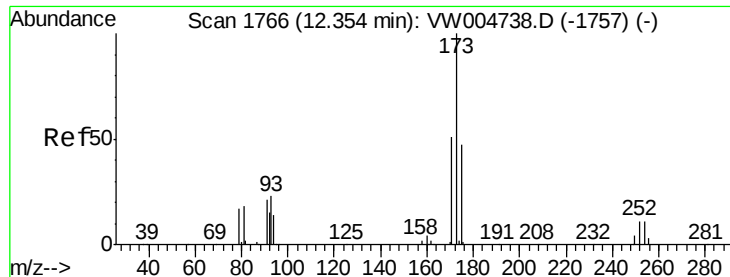
apatel
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#70
Styrene
Concen: 54.66 ug/l
RT: 12.19 min Scan# 1739
Delta R.T. -0.00 min
Lab File: VW004859.D
Acq: 22 Aug 2018 00:11

Tgt Ion	Ratio	Lower	Upper
104	100		
78	48.3	38.4	57.6
103	55.3	44.1	66.1





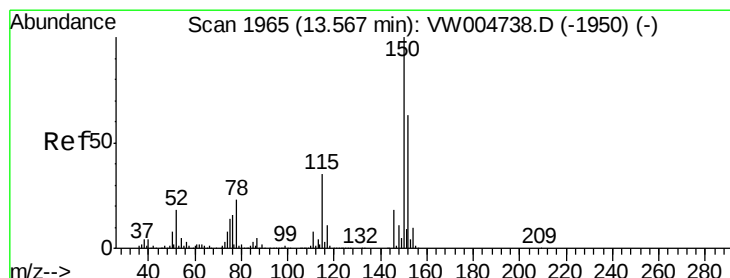
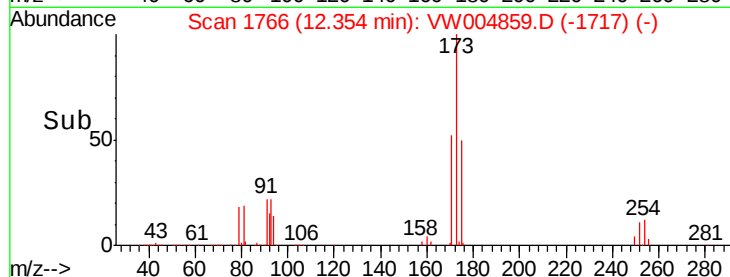
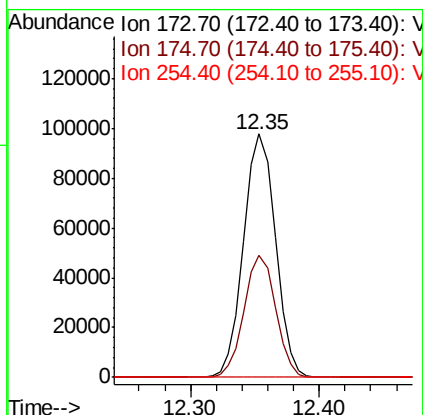
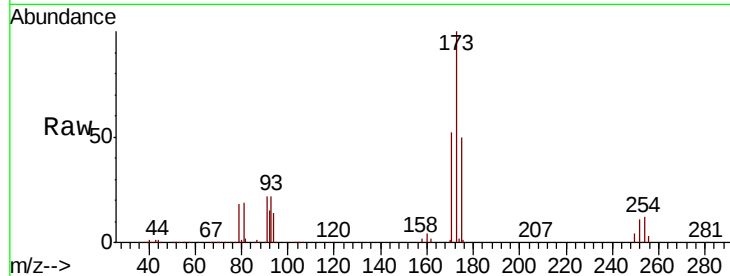
#71
Bromoform
Concen: 50.09 ug/l
RT: 12.35 min Scan# 1766
Delta R.T. -0.00 min
Lab File: VW004859.D
Acq: 22 Aug 2018 00:11

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
173	100		
175	49.5	23.8	71.4
254	0.1	0.1	0.1

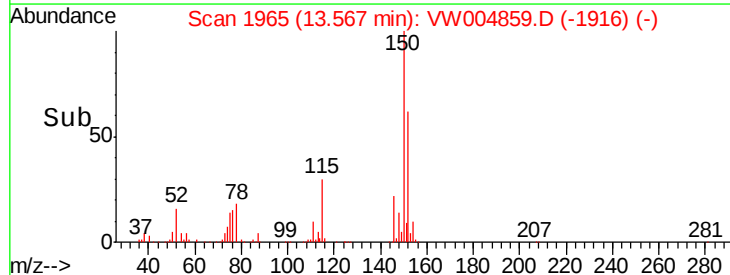
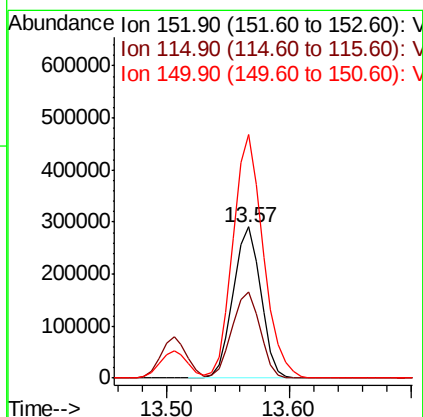
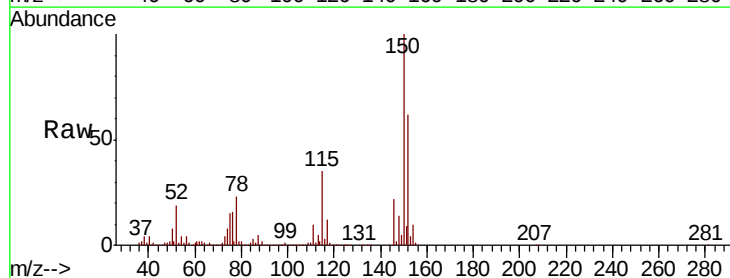
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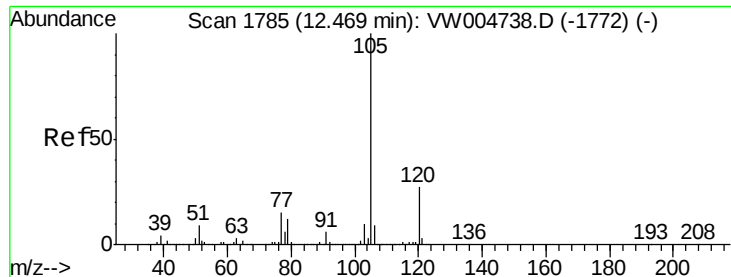
apatel
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#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. -0.00 min
Lab File: VW004859.D
Acq: 22 Aug 2018 00:11

Tgt Ion	Ratio	Lower	Upper
152	100		
115	58.0	28.5	85.5
150	175.5	0.0	344.8





#73

Isopropylbenzene

Concen: 55.85 ug/l

RT: 12.47 min Scan# 1785

Delta R.T. -0.00 min

Lab File: VW004859.D

Acq: 22 Aug 2018 00:11

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 1724084

Ion Ratio Lower Upper

105 100

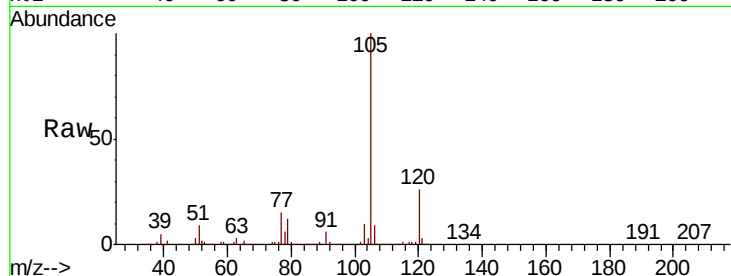
120 26.4 13.3 39.9

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

1200000

1000000

800000

600000

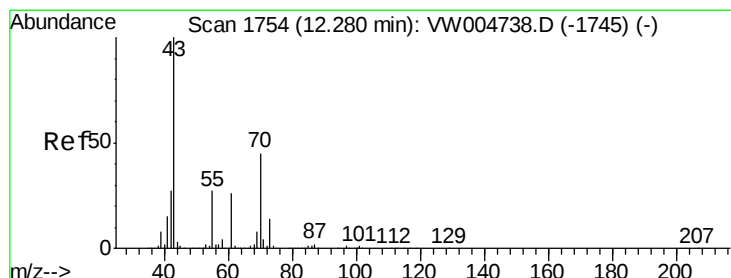
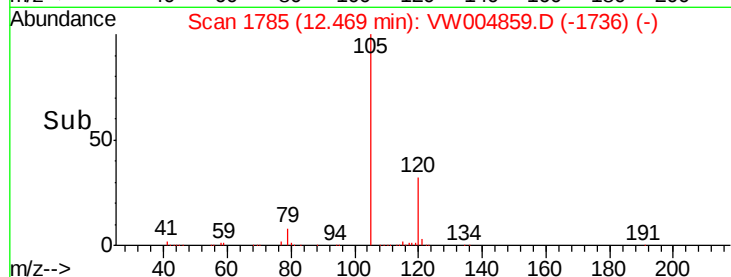
400000

200000

0

12.40 12.50 12.60

Time-->



#74

N-ethyl acetate

Concen: 46.96 ug/l

RT: 12.28 min Scan# 1754

Delta R.T. 0.00 min

Lab File: VW004859.D

Acq: 22 Aug 2018 00:11

Tgt Ion: 43 Resp: 337624

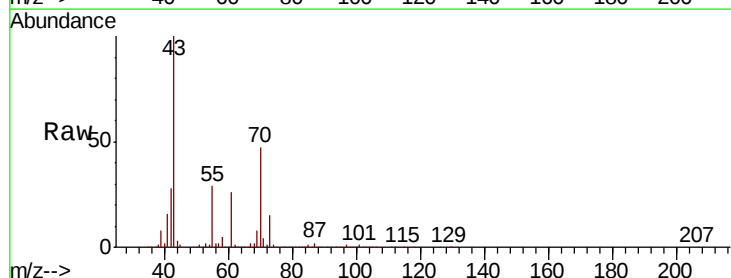
Ion Ratio Lower Upper

43 100

70 45.3 36.3 54.5

55 28.7 22.6 33.8

61 24.9 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

300000

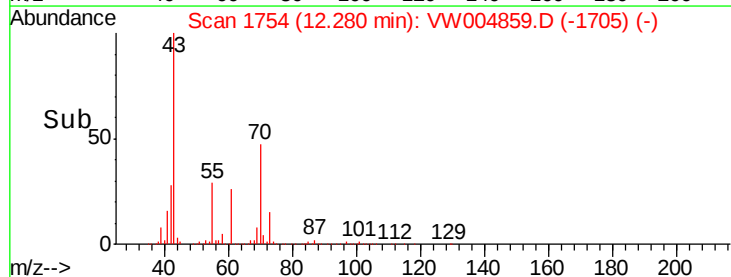
200000

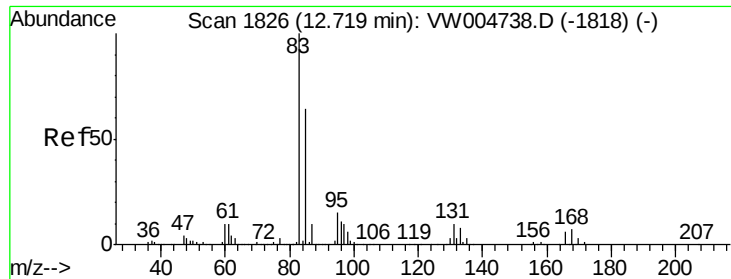
100000

0

12.20 12.30 12.40

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 51.43 ug/l

RT: 12.72 min Scan# 1826

Delta R.T. -0.00 min

Lab File: VW004859.D

Acq: 22 Aug 2018 00:11

Instrument :

MSVOA_W

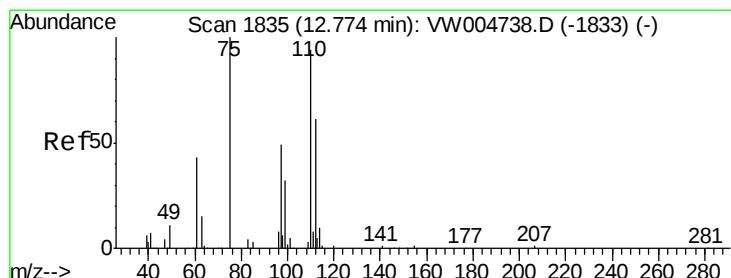
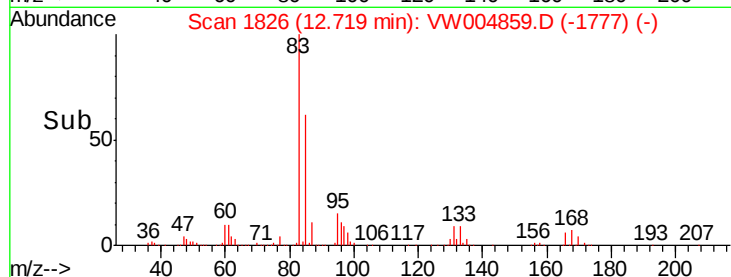
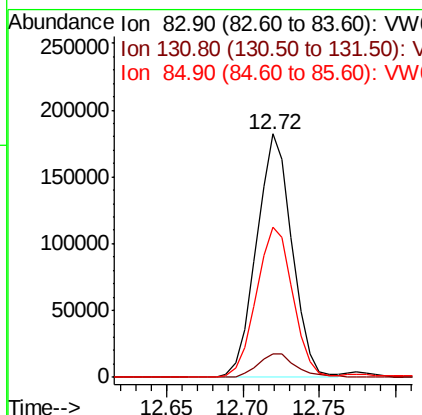
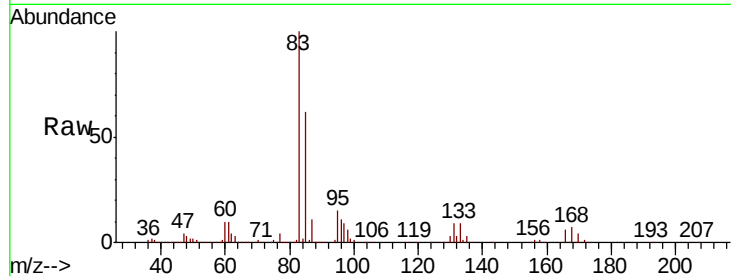
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	294066
Ion Ratio	Lower	Upper	
83	100		
131	10.4	5.3	15.8
85	63.6	31.9	95.9

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#76

1,2,3-Trichloropropane

Concen: 48.23 ug/l m

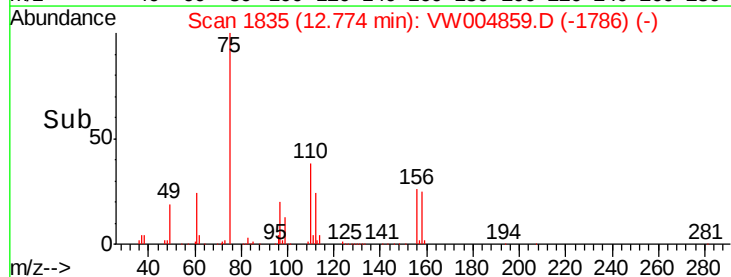
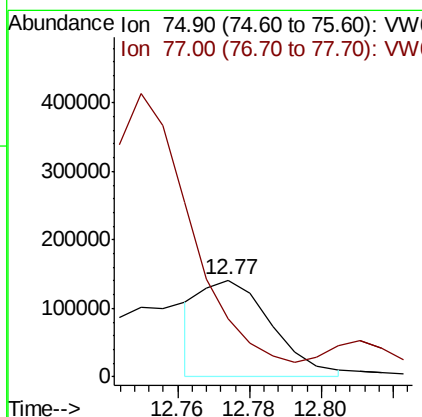
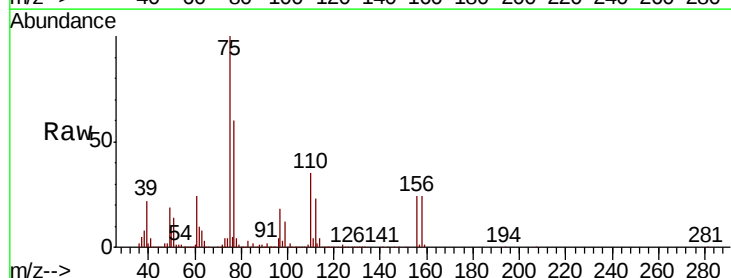
RT: 12.77 min Scan# 1835

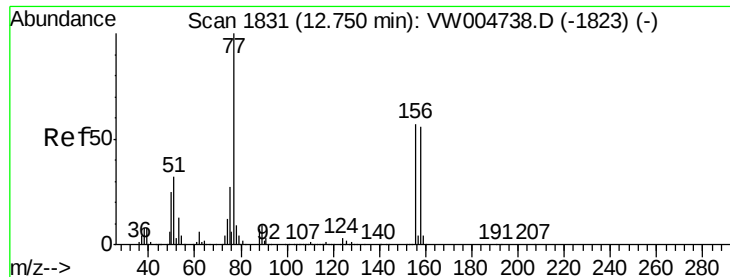
Delta R.T. -0.00 min

Lab File: VW004859.D

Acq: 22 Aug 2018 00:11

Tgt Ion:	75	Resp:	192933
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 52.95 ug/l

RT: 12.75 min Scan# 1831

Delta R.T. -0.00 min

Lab File: VW004859.D

Acq: 22 Aug 2018 00:11

Instrument :

MSVOA_W

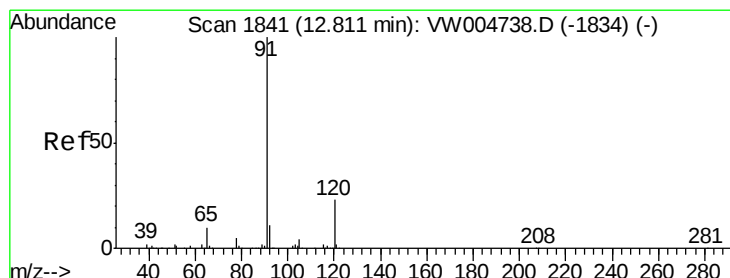
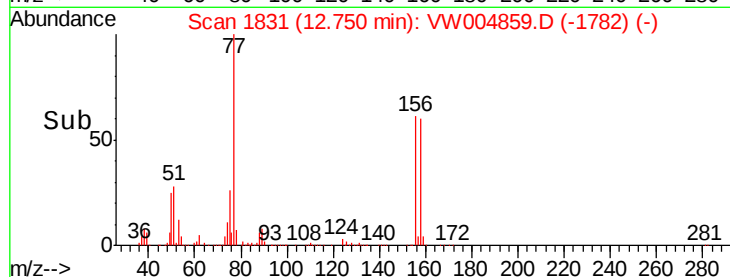
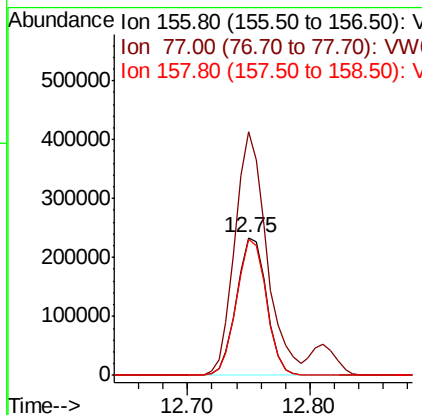
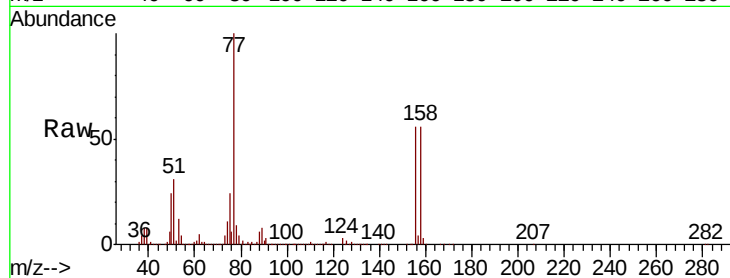
ClientSampled :

VSTDCCC050

Tot Ion:	156	Resp:	395659
Ion Ratio	Lower	Upper	
156	100		
77	187.7	94.2	282.4
158	98.0	48.6	145.9

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#78

n-propylbenzene

Concen: 55.77 ug/l

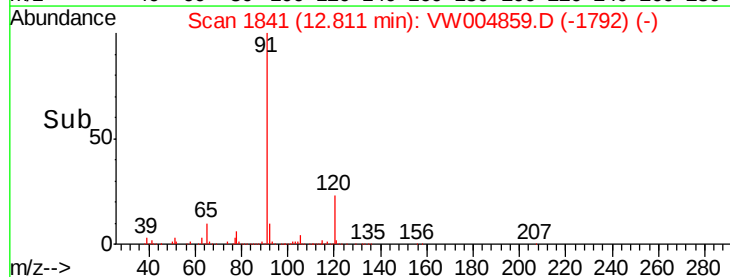
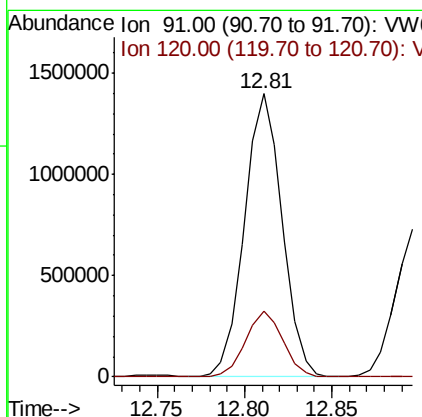
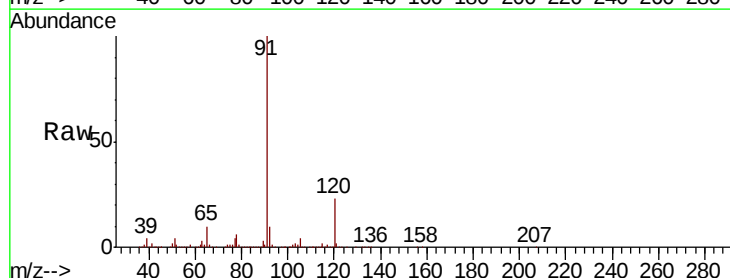
RT: 12.81 min Scan# 1841

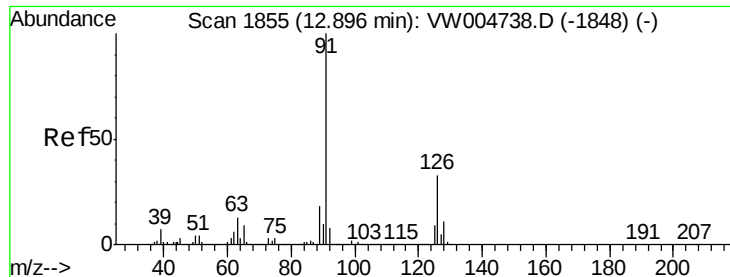
Delta R.T. -0.00 min

Lab File: VW004859.D

Acq: 22 Aug 2018 00:11

Tgt Ion:	91	Resp:	2100615
Ion Ratio	Lower	Upper	
91	100		
120	22.9	11.4	34.2





#79

2-Chlorotoluene

Concen: 54.69 ug/l

RT: 12.90 min Scan# 1855

Delta R.T. -0.00 min

Lab File: VW004859.D

Acq: 22 Aug 2018 00:11

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 1187470

Ion Ratio Lower Upper

91 100

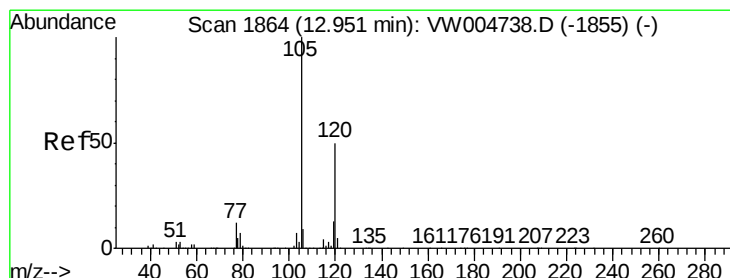
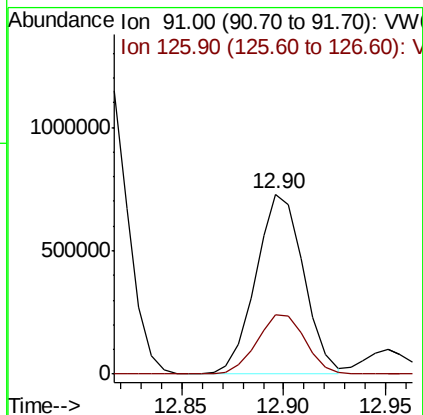
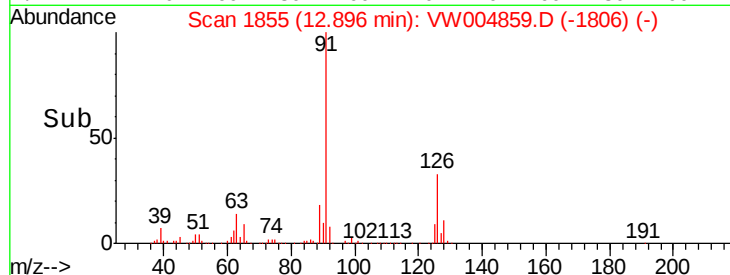
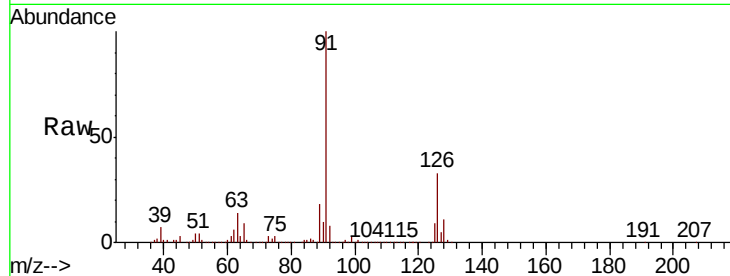
126 33.7 17.0 51.0

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#80

1,3,5-Trimethylbenzene

Concen: 55.90 ug/l

RT: 12.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VW004859.D

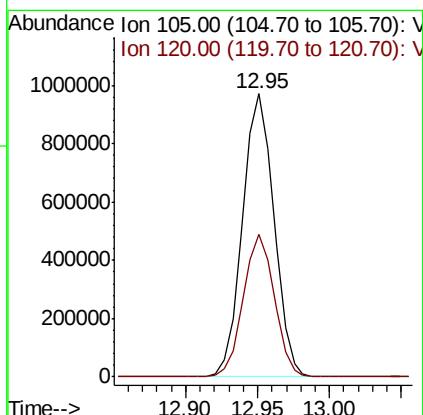
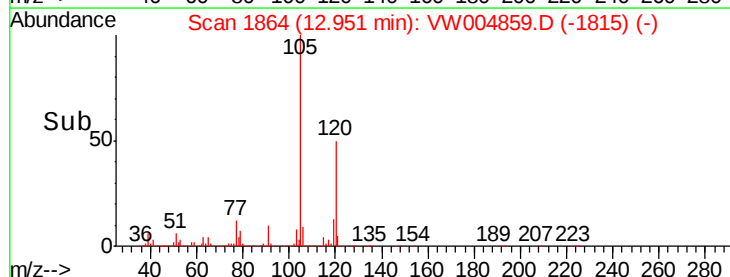
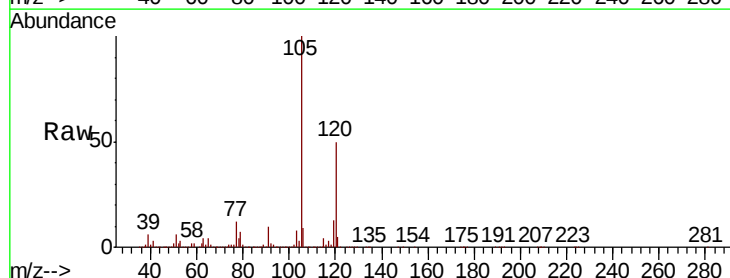
Acq: 22 Aug 2018 00:11

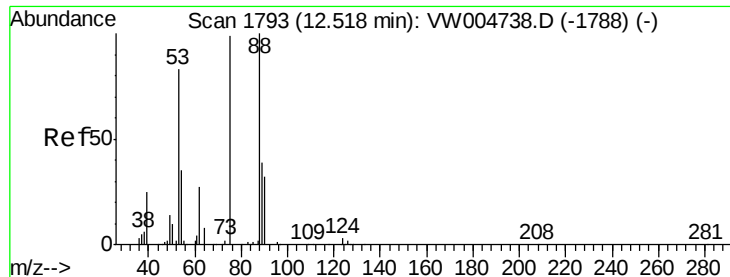
Tgt Ion:105 Resp: 1466035

Ion Ratio Lower Upper

105 100

120 49.6 24.7 74.1





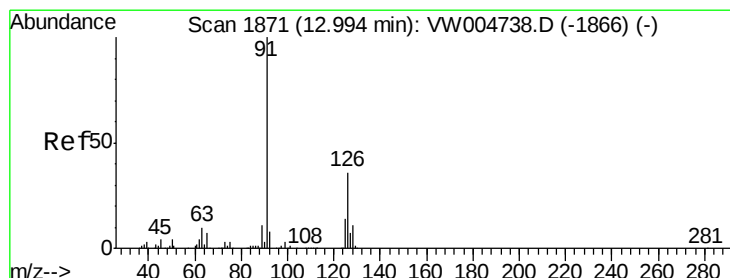
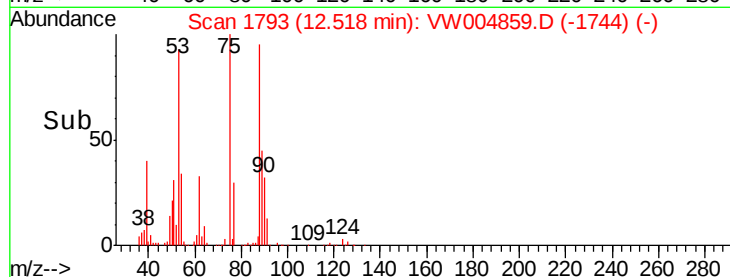
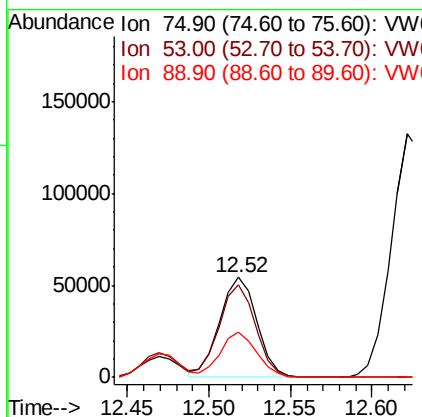
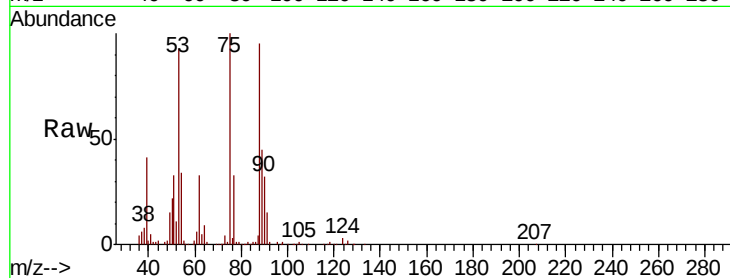
#81
trans-1,4-Dichloro-2-butene
Concen: 50.21 ug/l
RT: 12.52 min Scan# 1793
Delta R.T. -0.00 min
Lab File: VW004859.D
Acq: 22 Aug 2018 00:11

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	92.0	72.2	108.4
89	44.1	35.2	52.8

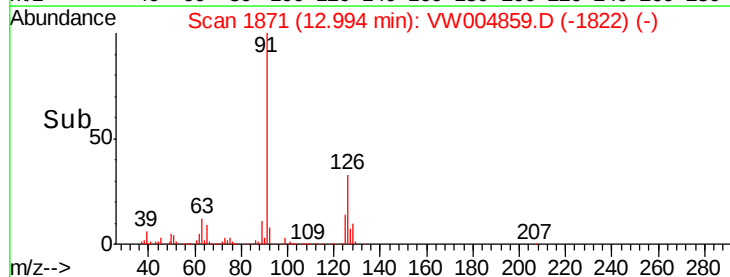
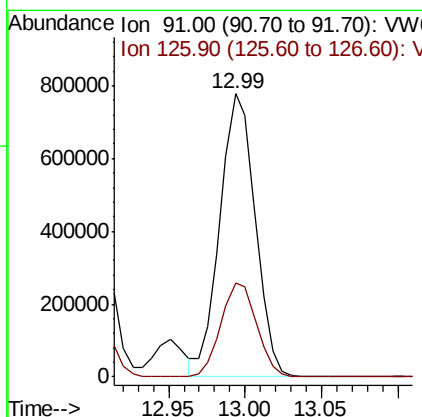
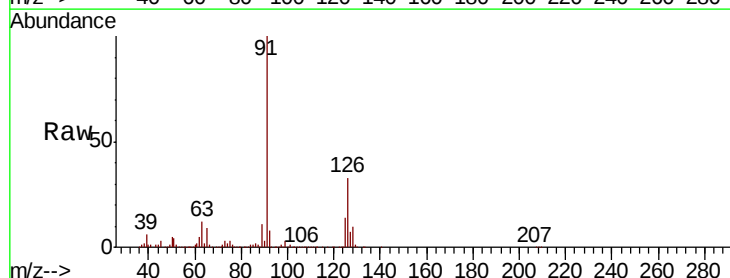
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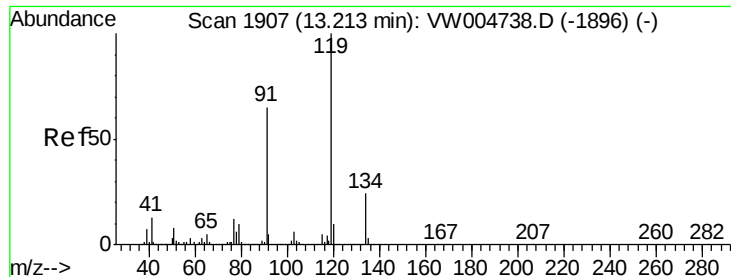
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#82
4-Chlorotoluene
Concen: 54.18 ug/l
RT: 12.99 min Scan# 1871
Delta R.T. -0.00 min
Lab File: VW004859.D
Acq: 22 Aug 2018 00:11

Tgt Ion	Ratio	Lower	Upper
91	100		
126	33.6	16.9	50.7





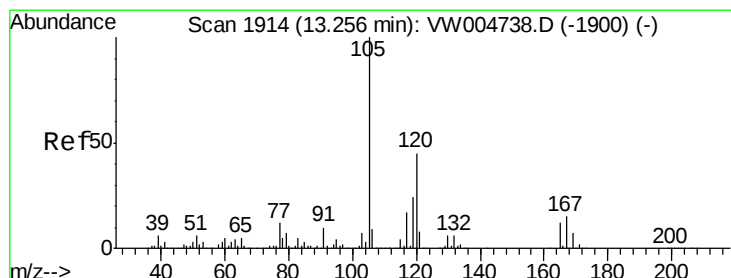
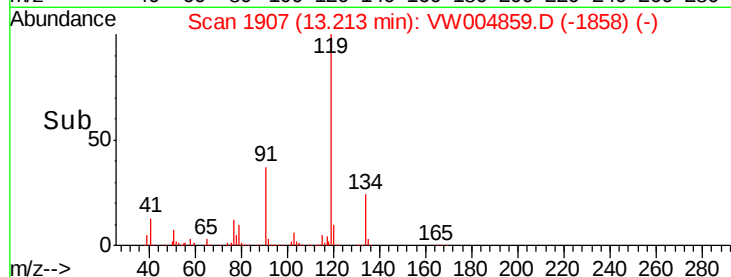
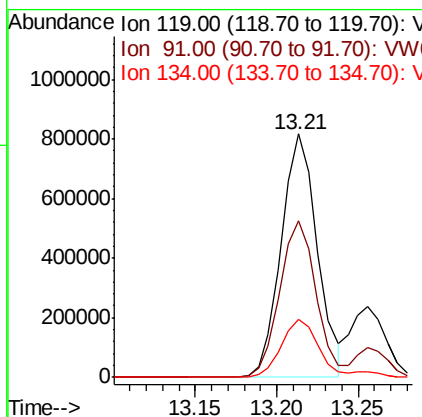
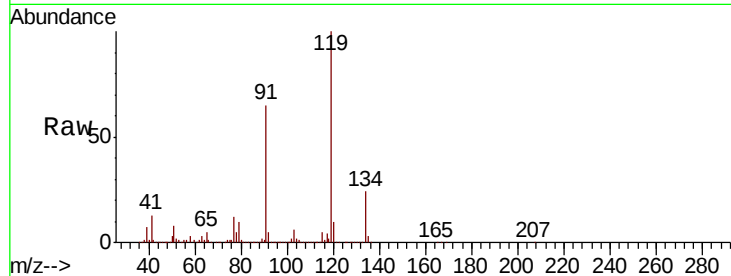
#83
tert-Butylbenzene
Concen: 55.88 ug/l
RT: 13.21 min Scan# 1907
Delta R.T. -0.00 min
Lab File: VW004859.D
Acq: 22 Aug 2018 00:11

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
119	100		
91	65.5	32.6	97.8
134	26.2	13.1	39.3

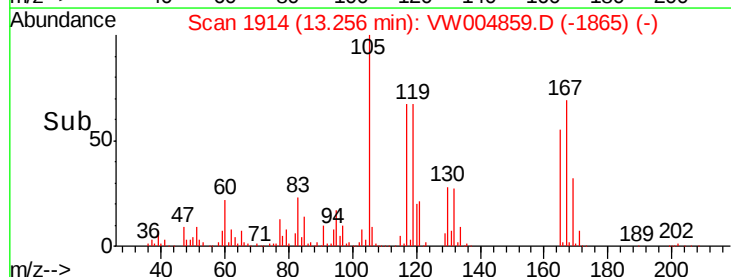
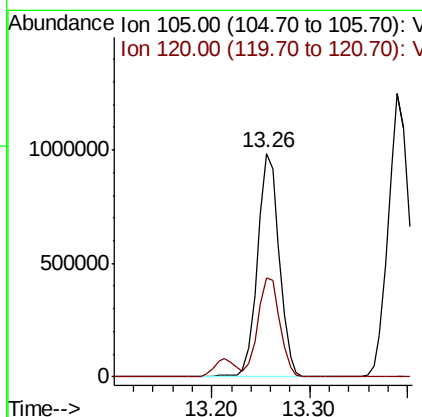
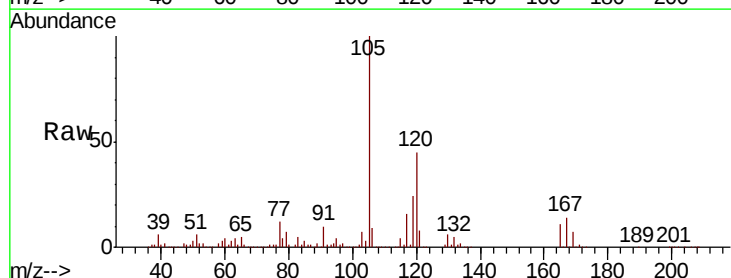
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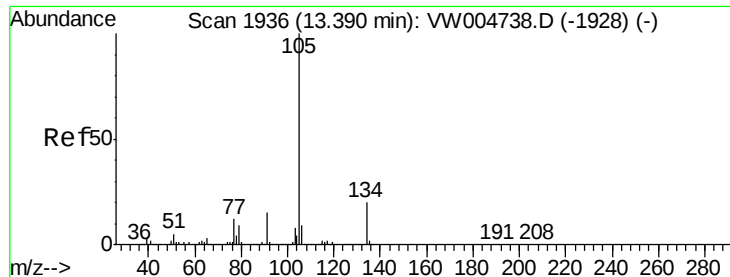
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#84
1,2,4-Trimethylbenzene
Concen: 56.02 ug/l
RT: 13.26 min Scan# 1914
Delta R.T. -0.00 min
Lab File: VW004859.D
Acq: 22 Aug 2018 00:11

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.3	22.8	68.3





#85

sec-Butylbenzene

Concen: 55.35 ug/l

RT: 13.39 min Scan# 1936

Delta R.T. -0.00 min

Lab File: VW004859.D

Acq: 22 Aug 2018 00:11

Instrument :

MSVOA_W

ClientSampled :

VSTDCCC050

Tot Ion:105 Resp: 1853788

Ion Ratio Lower Upper

105 100

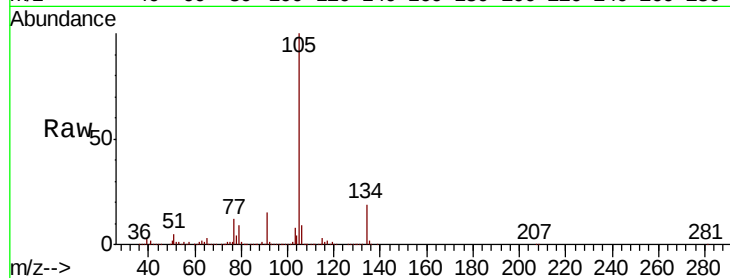
134 19.7 10.0 29.8

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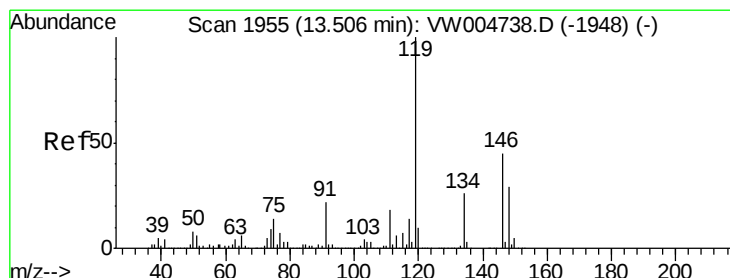
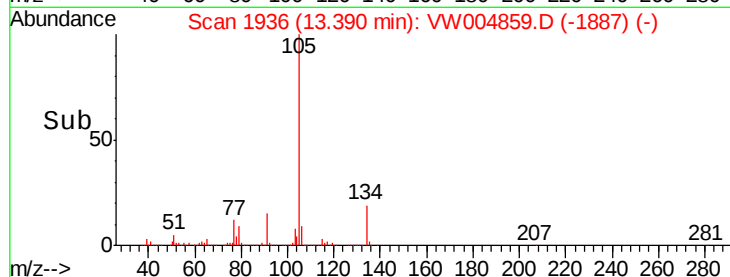
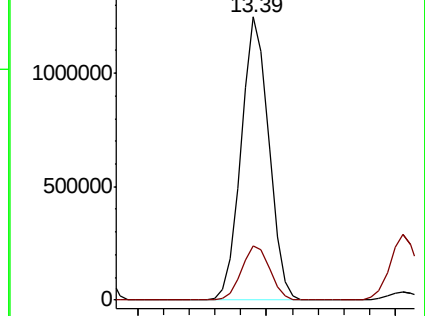
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 55.62 ug/l

RT: 13.51 min Scan# 1955

Delta R.T. -0.00 min

Lab File: VW004859.D

Acq: 22 Aug 2018 00:11

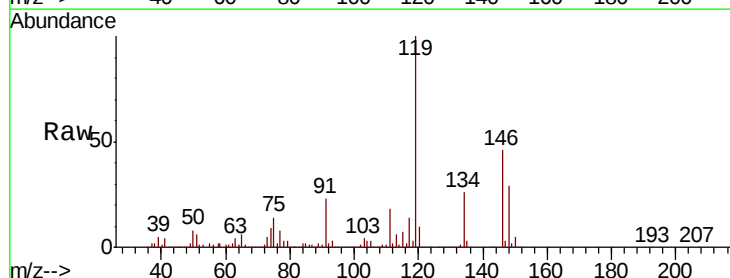
Tgt Ion:119 Resp: 1620738

Ion Ratio Lower Upper

119 100

134 26.2 13.1 39.3

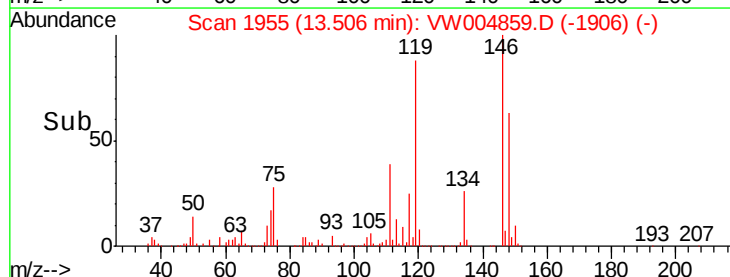
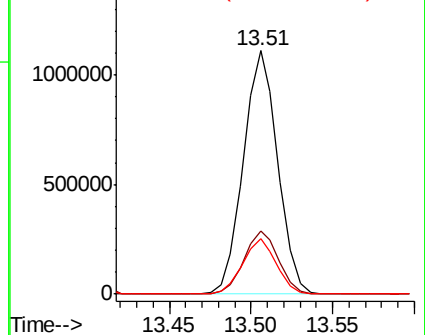
91 22.5 11.2 33.5

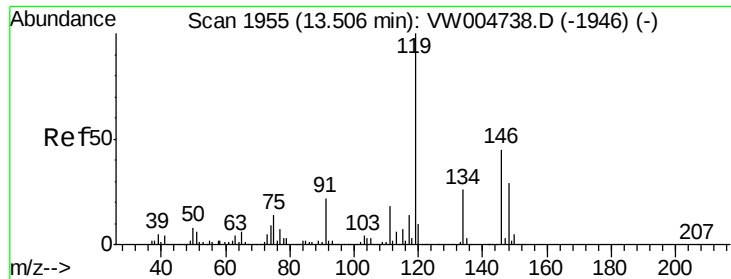


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 53.47 ug/l

RT: 13.51 min Scan# 1955

Delta R.T. -0.00 min

Lab File: VW004859.D

Acq: 22 Aug 2018 00:11

Instrument :

MSVOA_W

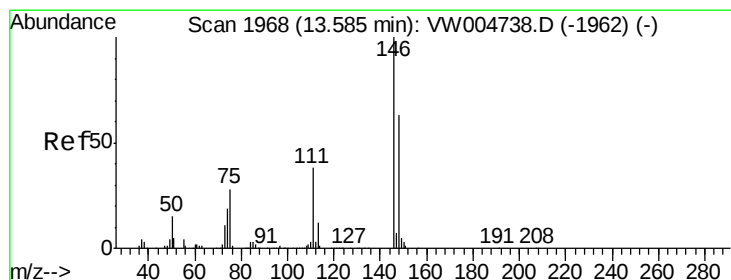
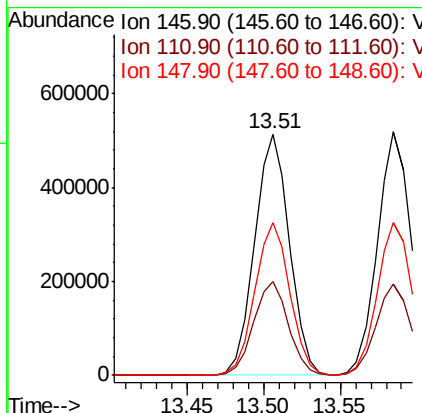
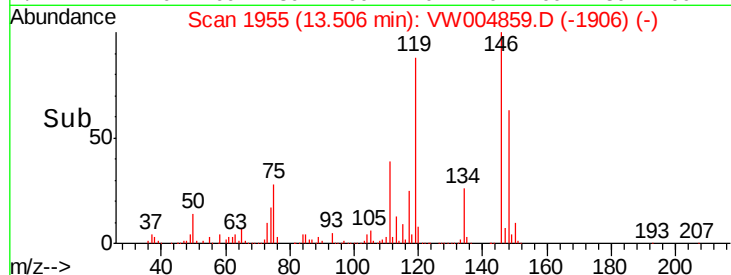
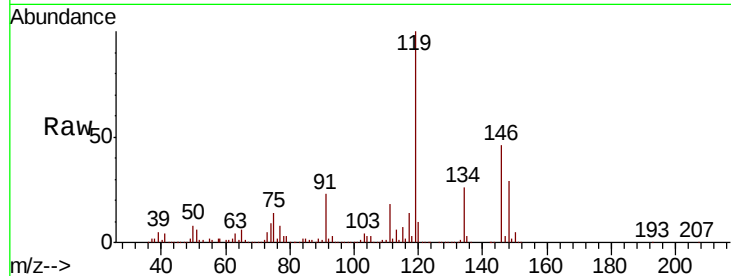
ClientSampleId :

VSTDCCC050

Tot Ion:	146	Resp:	812709
Ion Ratio	Lower	Upper	
146	100		
111	38.9	19.8	59.4
148	63.5	31.9	95.9

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#88

1,4-Dichlorobenzene

Concen: 52.42 ug/l

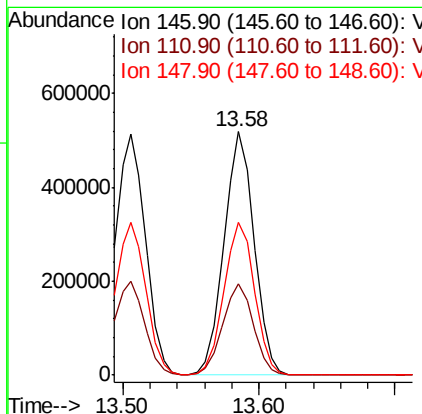
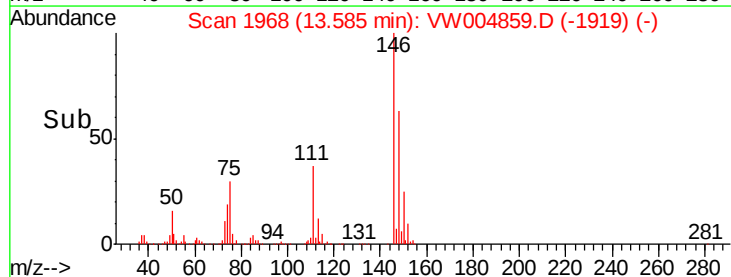
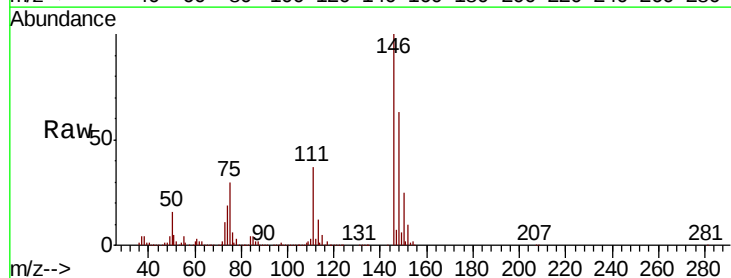
RT: 13.58 min Scan# 1968

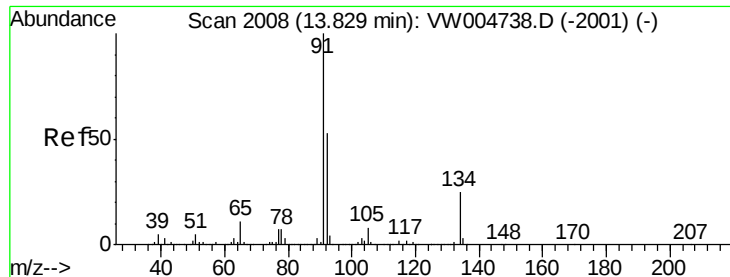
Delta R.T. -0.00 min

Lab File: VW004859.D

Acq: 22 Aug 2018 00:11

Tgt Ion:	146	Resp:	796323
Ion Ratio	Lower	Upper	
146	100		
111	38.2	19.3	57.8
148	63.7	31.8	95.3





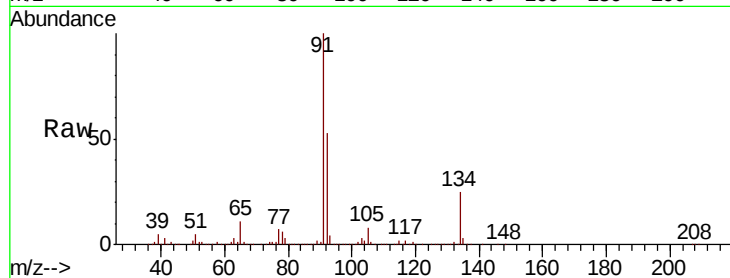
#89
n-Butylbenzene
Concen: 54.60 ug/l
RT: 13.83 min Scan# 2008
Delta R.T. -0.00 min
Lab File: VW004859.D
Acq: 22 Aug 2018 00:11

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

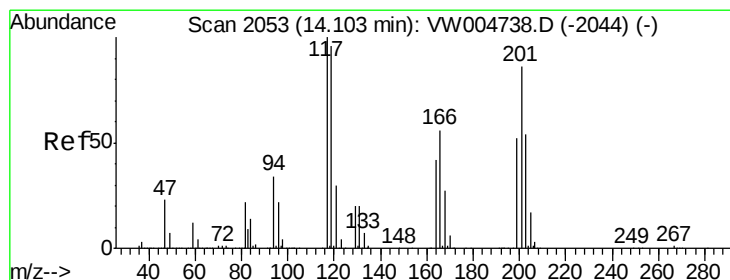
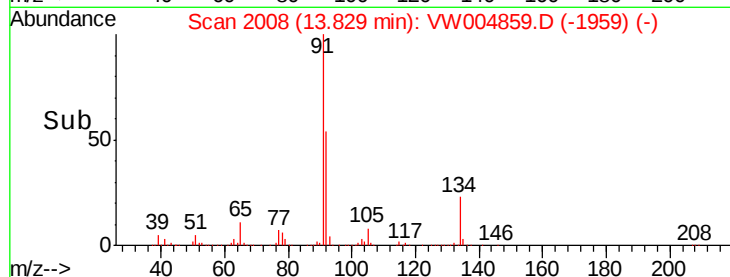
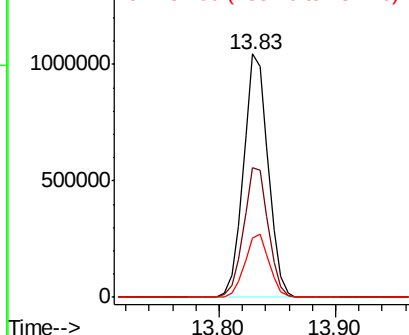
Tot Ion: 91 Resp: 1538279
Ion Ratio Lower Upper
91 100
92 53.4 26.4 79.2
134 25.7 12.8 38.3

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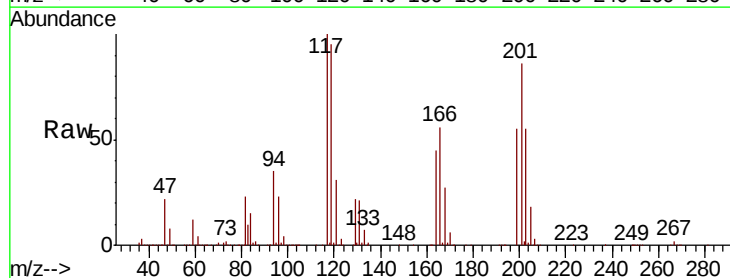


Abundance Ion 91.00 (90.70 to 91.70): VW
Ion 92.00 (91.70 to 92.70): VW
Ion 134.00 (133.70 to 134.70): V

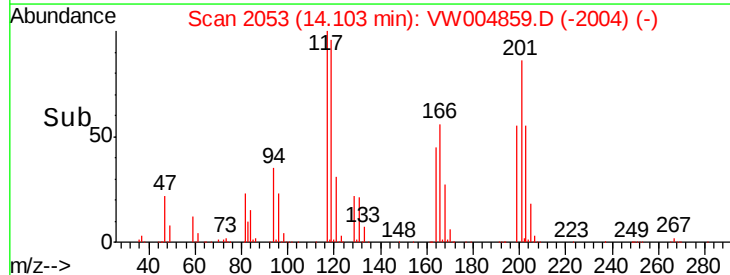
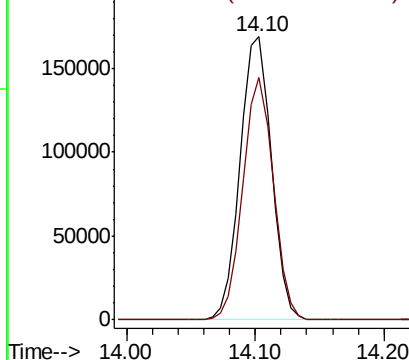


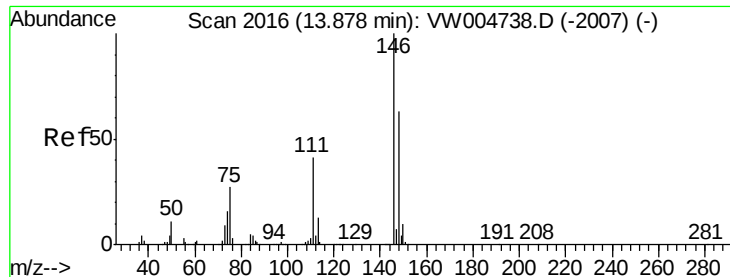
#90
Hexachloroethane
Concen: 53.35 ug/l
RT: 14.10 min Scan# 2053
Delta R.T. -0.00 min
Lab File: VW004859.D
Acq: 22 Aug 2018 00:11

Tgt Ion: 117 Resp: 283383
Ion Ratio Lower Upper
117 100
201 83.3 42.4 127.2



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 200.70 (200.40 to 201.40): V





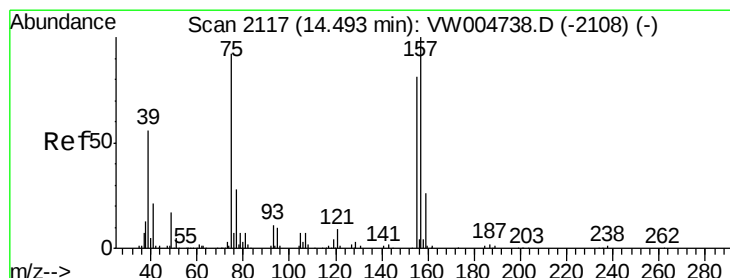
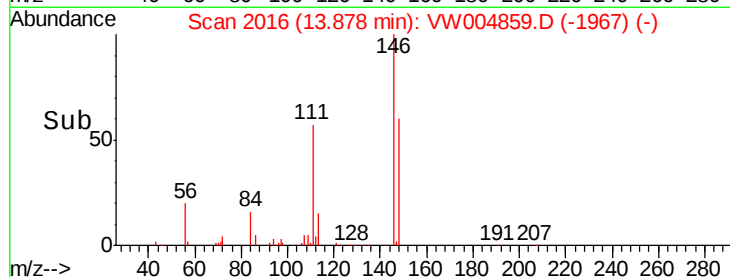
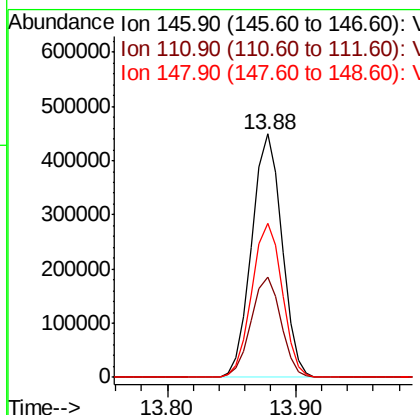
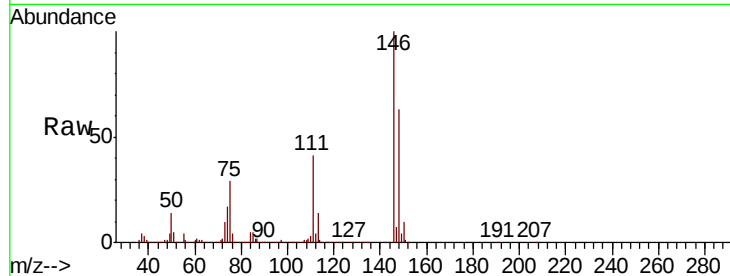
#91
 1,2-Dichlorobenzene
 Concen: 53.17 ug/l
 RT: 13.88 min Scan# 2016
 Delta R.T. -0.00 min
 Lab File: VW004859.D
 Acq: 22 Aug 2018 00:11

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.8	20.4	61.3
148	64.0	31.6	95.0

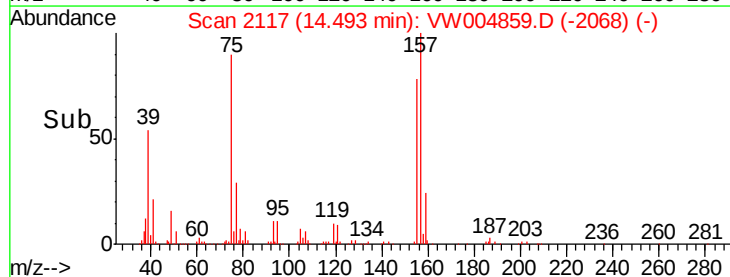
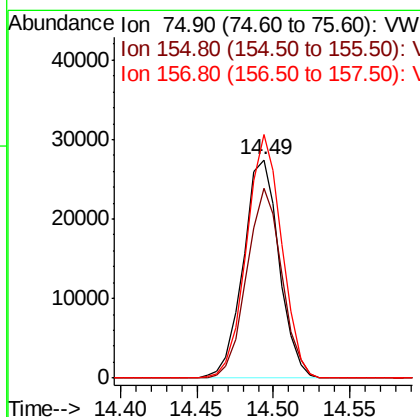
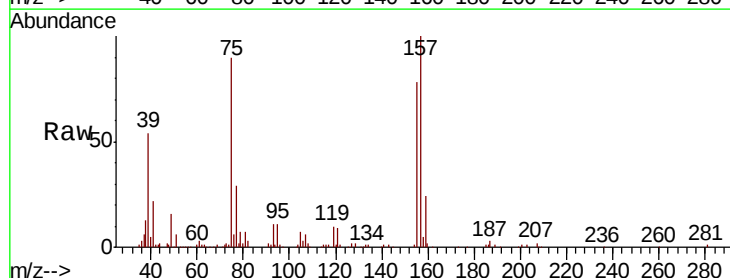
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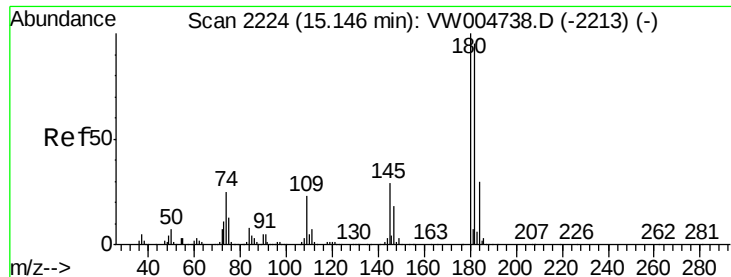
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 50.04 ug/l
 RT: 14.49 min Scan# 2117
 Delta R.T. -0.00 min
 Lab File: VW004859.D
 Acq: 22 Aug 2018 00:11

Tgt Ion	Ratio	Lower	Upper
75	100		
155	85.3	43.3	129.9
157	109.2	54.5	163.6





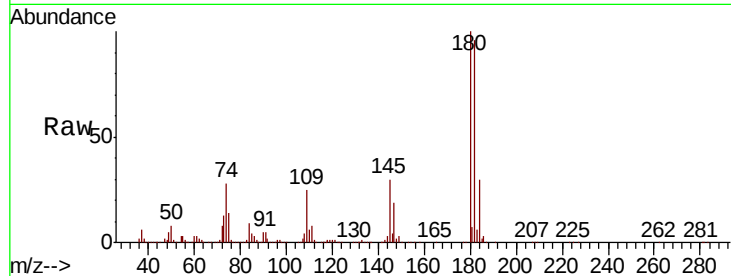
#93
 1,2,4-Trichlorobenzene
 Concen: 53.21 ug/l
 RT: 15.14 min Scan# 2223
 Delta R.T. -0.01 min
 Lab File: VW004859.D
 Acq: 22 Aug 2018 00:11

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

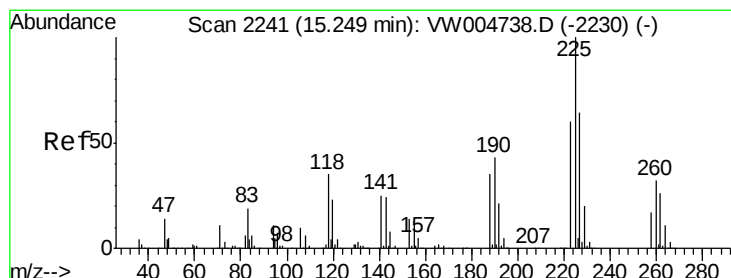
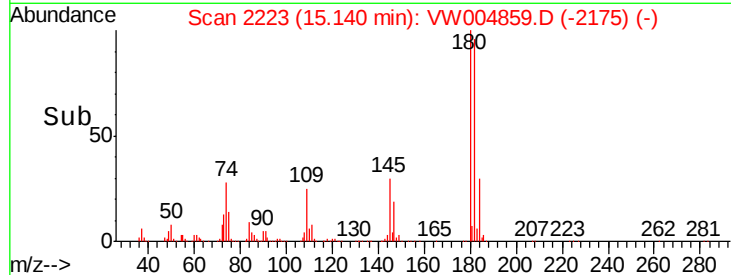
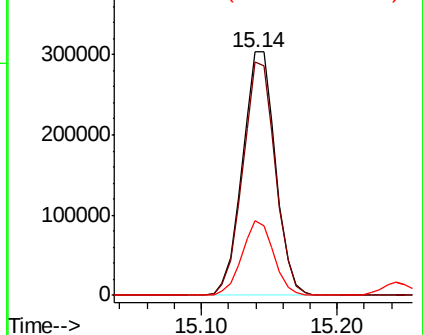
Tot Ion:	180	Resp:	513773
Ion Ratio	Lower	Upper	
180	100		
182	94.6	47.3	141.8
145	29.4	14.6	43.8

Manual Integrations
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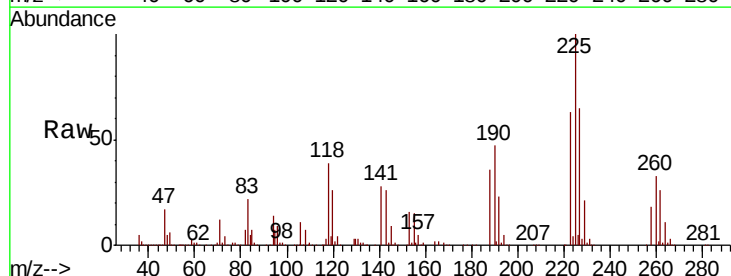


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

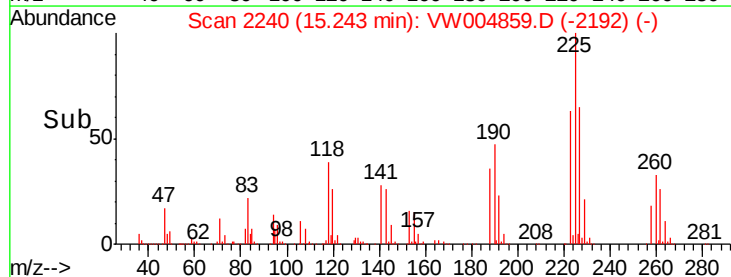
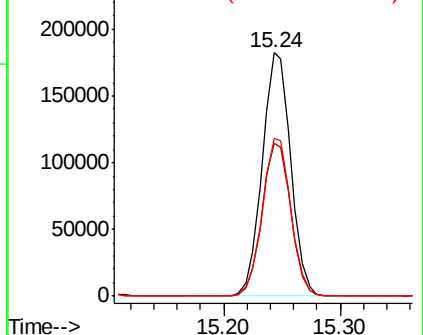


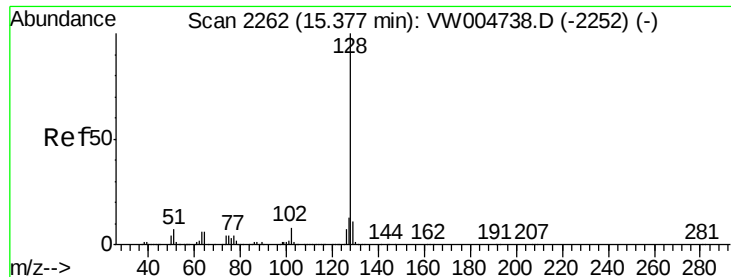
#94
 Hexachlorobutadiene
 Concen: 52.37 ug/l
 RT: 15.24 min Scan# 2240
 Delta R.T. -0.01 min
 Lab File: VW004859.D
 Acq: 22 Aug 2018 00:11

Tgt Ion:	225	Resp:	310380
Ion Ratio	Lower	Upper	
225	100		
223	63.4	30.9	92.5
227	64.6	32.0	96.0



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





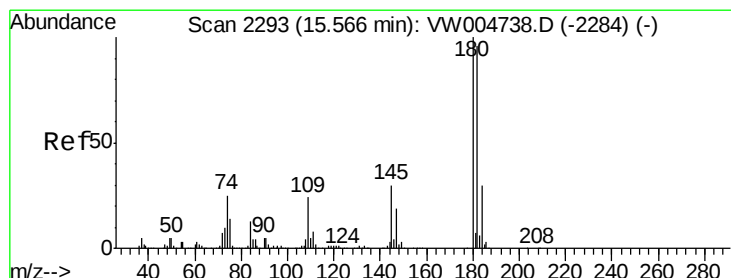
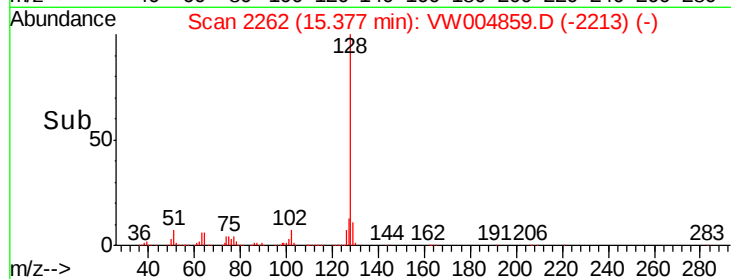
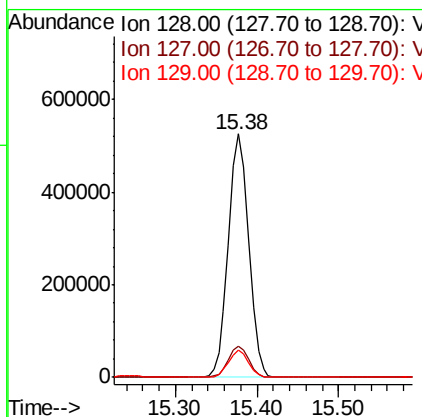
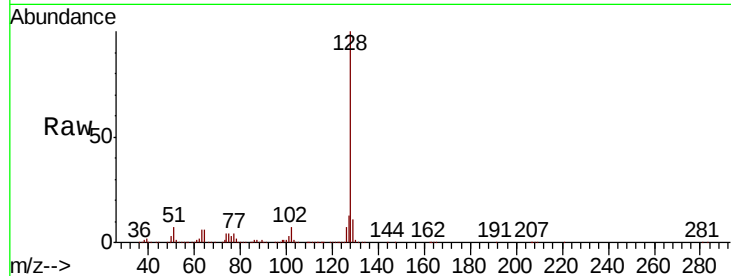
#95
Naphthalene
Concen: 48.49 ug/l
RT: 15.38 min Scan# 2262
Delta R.T. 0.00 min
Lab File: VW004859.D
Acq: 22 Aug 2018 00:11

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

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

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 53.46 ug/l
RT: 15.57 min Scan# 2293
Delta R.T. -0.00 min
Lab File: VW004859.D
Acq: 22 Aug 2018 00:11

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.3	47.3	142.0
145	31.2	15.4	46.1

