

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082118\
 Data File : VW004857.D
 Acq On : 21 Aug 2018 22:02
 Operator : SY/AP
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

apatel
 8/22/2018 11:25:26 AM

Quant Time: Aug 22 07:06:39 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	645632	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	976676	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	915117	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	480030	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	309373	49.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.12%	
35) Dibromofluoromethane	7.88	113	312476	50.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.12%	
50) Toluene-d8	10.33	98	1233471	50.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.24%	
62) 4-Bromofluorobenzene	12.62	95	450059	51.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.68%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	187560	43.86	ug/l	98
3) Chloromethane	2.22	50	242265	43.33	ug/l	100
4) Vinyl Chloride	2.37	62	406869	49.43	ug/l	98
5) Bromomethane	2.78	94	246453	48.48	ug/l	98
6) Chloroethane	2.93	64	247252	49.79	ug/l	100
7) Trichlorofluoromethane	3.26	101	181913	46.92	ug/l	100
8) Diethyl Ether	3.68	74	181678	51.82	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.06	101	334224	50.06	ug/l	100
10) Methyl Iodide	4.27	142	521417	51.42	ug/l	100
11) Tert butyl alcohol	5.21	59	84176	241.38	ug/l	99
12) 1,1-Dichloroethene	4.04	96	327535	49.23	ug/l	97
13) Acrolein	3.90	56	159834	341.55	ug/l	98
14) Allyl chloride	4.67	41	523772	51.87	ug/l	100
15) Acrylonitrile	5.38	53	381067	259.19	ug/l	100
16) Acetone	4.14	43	353974	222.15	ug/l	98
17) Carbon Disulfide	4.38	76	1071600	49.01	ug/l	100
18) Methyl Acetate	4.68	43	180468	52.85	ug/l	100
19) Methyl tert-butyl Ether	5.43	73	468417	54.23	ug/l	98
20) Methylene Chloride	4.91	84	372735	51.35	ug/l	97
21) trans-1,2-Dichloroethene	5.42	96	361716	51.10	ug/l	98
22) Diisopropyl ether	6.32	45	1076461	55.47	ug/l	96
23) Vinyl Acetate	6.26	43	2953415	269.05	ug/l	99
24) 1,1-Dichloroethane	6.21	63	653532	51.82	ug/l	100
25) 2-Butanone	7.18	43	555540	244.70	ug/l	98
26) 2,2-Dichloropropane	7.17	77	350059	48.06	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	393218	51.60	ug/l	99
28) Bromochloromethane	7.51	49	285192	53.70	ug/l	98
29) Tetrahydrofuran	7.54	42	301871	260.75	ug/l	99
30) Chloroform	7.68	83	640726	51.66	ug/l	100
31) Cyclohexane	7.96	56	600669	49.24	ug/l	99
32) 1,1,1-Trichloroethane	7.87	97	503149	51.17	ug/l	99
36) 1,1-Dichloropropene	8.09	75	507615	50.45	ug/l	100
37) Ethyl Acetate	7.26	43	207644	51.77	ug/l	99
38) Carbon Tetrachloride	8.07	117	460024	49.67	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	648747	51.56	ug/l	99
40) Benzene	8.32	78	1501336	51.34	ug/l	100
41) Methacrylonitrile	7.49	41	129996	57.11	ug/l	97
42) 1,2-Dichloroethane	8.40	62	386738	51.58	ug/l	100
43) Isopropyl Acetate	8.43	43	376960	52.32	ug/l	100
44) Trichloroethene	9.09	130	371523	50.05	ug/l	97
45) 1,2-Dichloropropane	9.37	63	370919	51.86	ug/l	100
46) Dibromomethane	9.46	93	180129	50.83	ug/l	99
47) Bromodichloromethane	9.65	83	436121	51.54	ug/l	99
48) Methyl methacrylate	9.44	41	182721	54.05	ug/l	100
49) 1,4-Dioxane	9.48	88	56719	1095.60	ug/l #	84
51) 4-Methyl-2-Pentanone	10.21	43	1298141	266.61	ug/l	100
52) Toluene	10.39	92	916338	52.25	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	437941	51.36	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	524163	51.57	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	260812	51.78	ug/l	99
56) Ethyl methacrylate	10.65	69	326559	49.65	ug/l	99
57) 1,3-Dichloropropane	10.93	76	453308	52.14	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	774617	278.47	ug/l	100
59) 2-Hexanone	10.98	43	868180	263.16	ug/l	100
60) Dibromochloromethane	11.13	129	293091	51.86	ug/l	100
61) 1,2-Dibromoethane	11.24	107	246707	51.24	ug/l	99
64) Tetrachloroethene	10.87	164	323210	51.68	ug/l	98
65) Chlorobenzene	11.66	112	1003408	50.94	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	342739	51.54	ug/l	98
67) Ethyl Benzene	11.74	91	1768808	52.97	ug/l	99
68) m/p-Xylenes	11.84	106	1376676	105.97	ug/l	100
69) o-Xylene	12.17	106	646662	53.77	ug/l	99
70) Styrene	12.18	104	1097109	54.31	ug/l	100
71) Bromoform	12.35	173	176798	50.37	ug/l #	97
73) Isopropylbenzene	12.47	105	1774727	54.34	ug/l	100
74) N-amyl acetate	12.28	43	367710	48.23	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.72	83	314034	51.91	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	201081m	47.52	ug/l	
77) Bromobenzene	12.75	156	414892	52.49	ug/l	100
78) n-propylbenzene	12.81	91	2159120	54.18	ug/l	100
79) 2-Chlorotoluene	12.90	91	1230160	53.55	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	1522111	54.86	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	93277	51.23	ug/l	99
82) 4-Chlorotoluene	12.99	91	1294357	53.03	ug/l	99
83) tert-Butylbenzene	13.21	119	1295434	54.59	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	1559452	54.63	ug/l	99
85) sec-Butylbenzene	13.39	105	1908332	53.86	ug/l	100
86) p-Isopropyltoluene	13.51	119	1679129	54.47	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	838943	52.18	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	820724	51.07	ug/l	100
89) n-Butylbenzene	13.83	91	1577111	52.91	ug/l	99
90) Hexachloroethane	14.10	117	291636	51.90	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	750414	51.96	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	49624	52.49	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	532000	52.08	ug/l	99
94) Hexachlorobutadiene	15.24	225	322659	51.47	ug/l	100
95) Naphthalene	15.38	128	976540	49.39	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	479869	52.98	ug/l	100

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

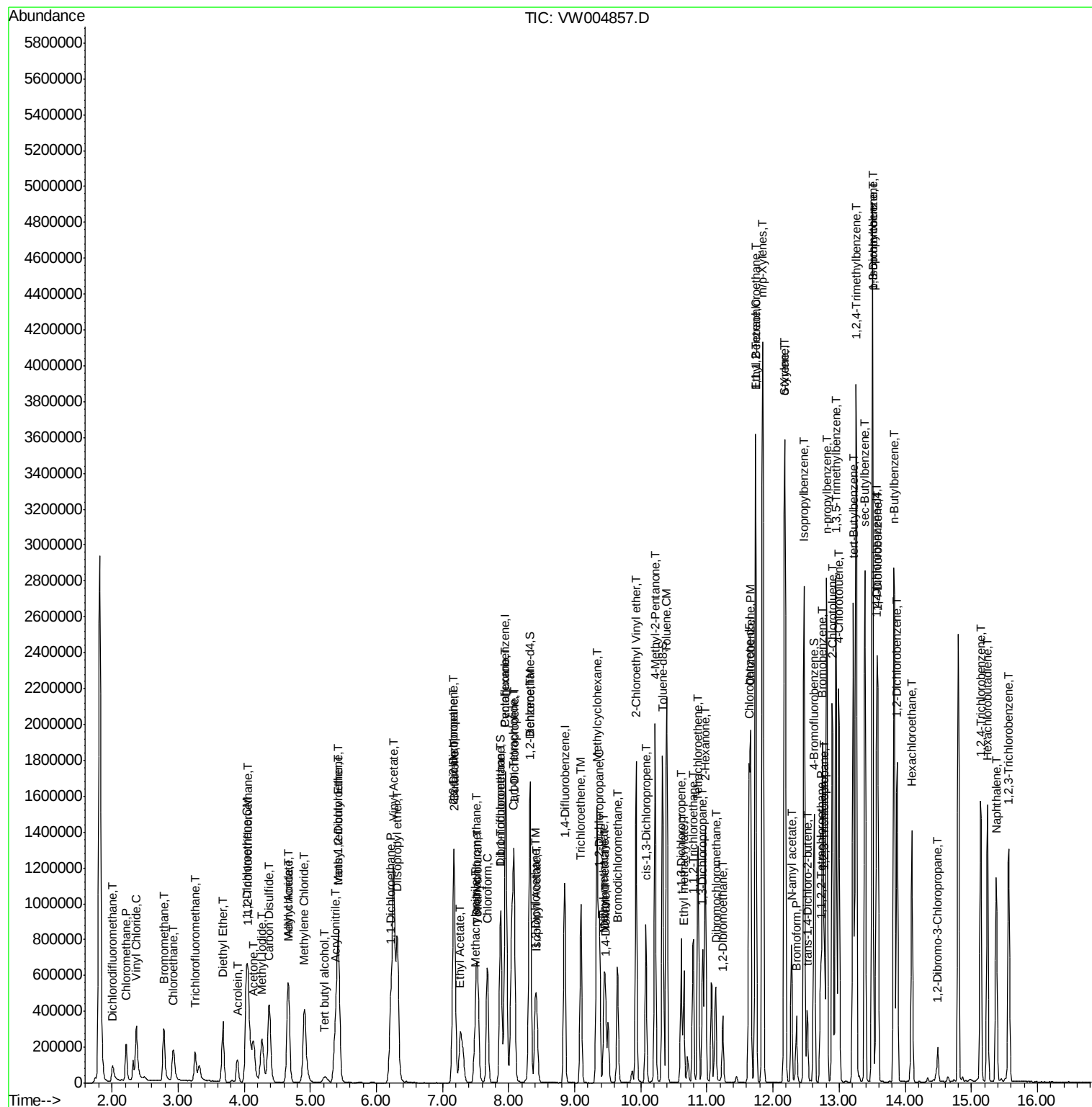
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW082118\
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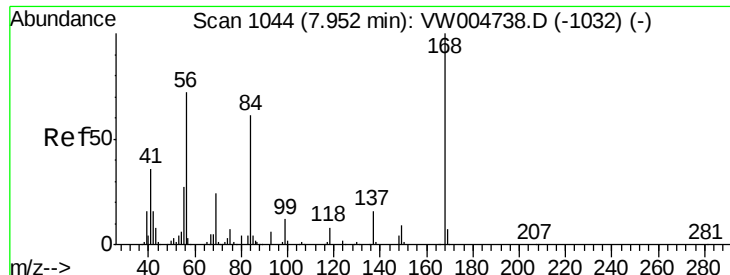
Instrument :
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.00 min

Lab File: VW004857.D

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Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 645632

Ion Ratio Lower Upper

168 100

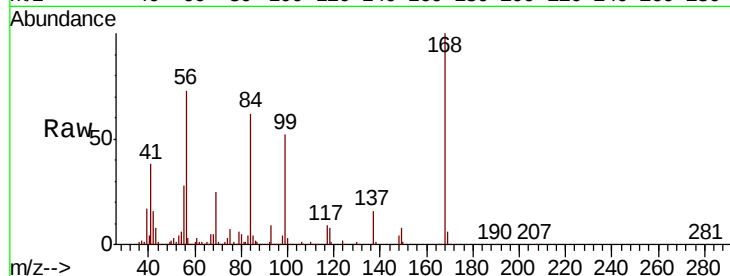
99 51.5 41.0 61.4

Manual Integrations

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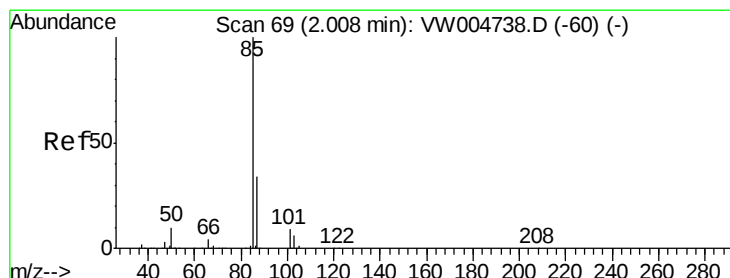
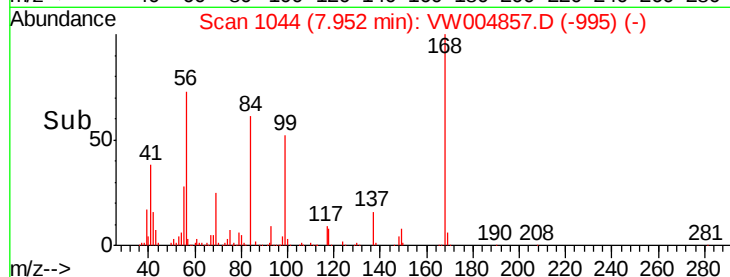
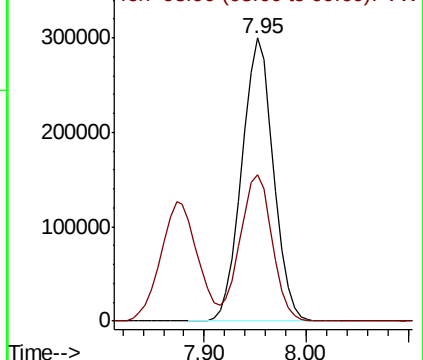
apatel

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: 43.86 ug/l

RT: 2.01 min Scan# 69

Delta R.T. -0.00 min

Lab File: VW004857.D

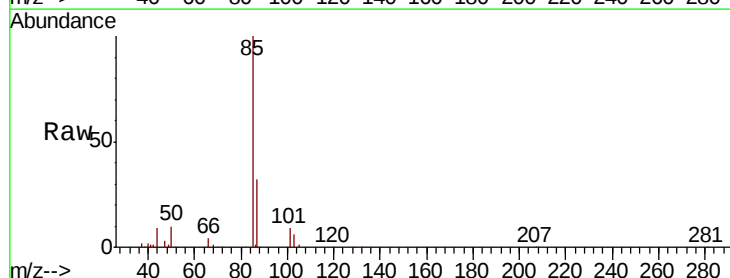
Acq: 21 Aug 2018 22:02

Tgt Ion: 85 Resp: 187560

Ion Ratio Lower Upper

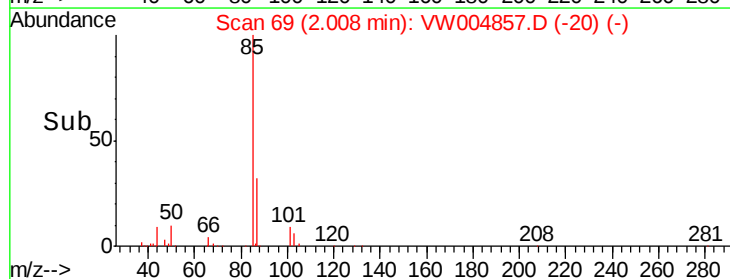
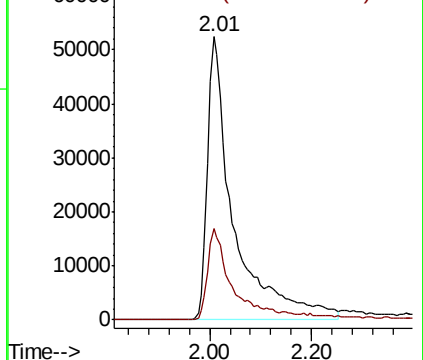
85 100

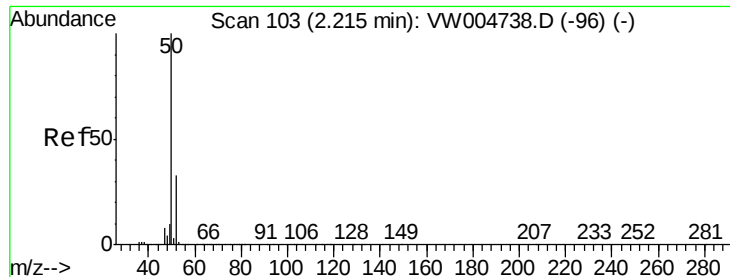
87 32.2 16.8 50.4



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#3

Chloromethane

Concen: 43.33 ug/l

RT: 2.22 min Scan# 103

Delta R.T. -0.00 min

Lab File: VW004857.D

Acq: 21 Aug 2018 22:02

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 242265

Ion Ratio Lower Upper

50 100

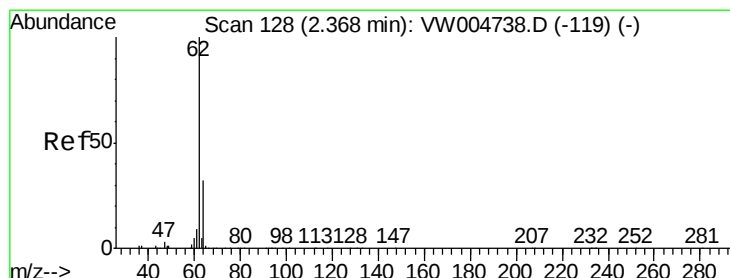
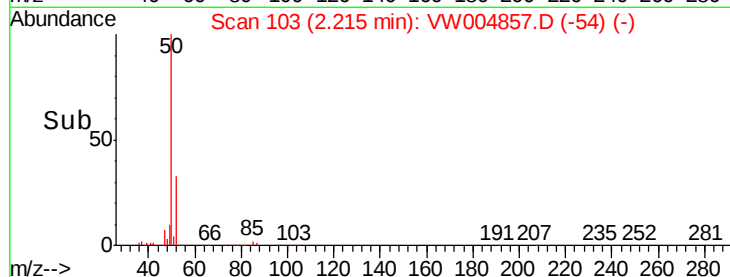
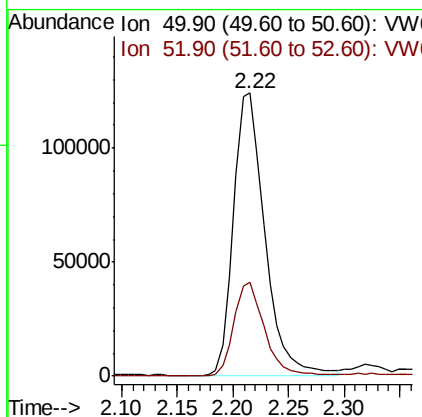
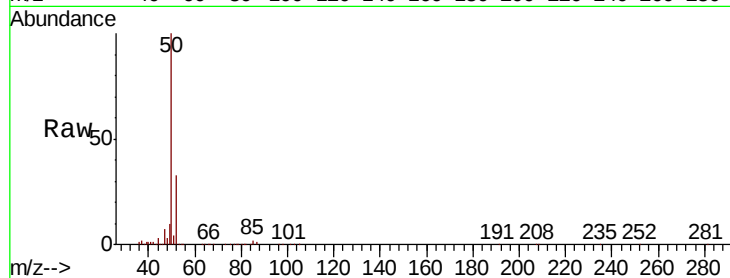
52 33.3 26.7 40.1

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#4

Vinyl Chloride

Concen: 49.43 ug/l

RT: 2.37 min Scan# 128

Delta R.T. -0.00 min

Lab File: VW004857.D

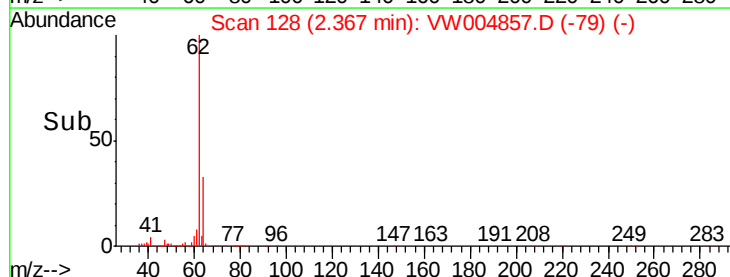
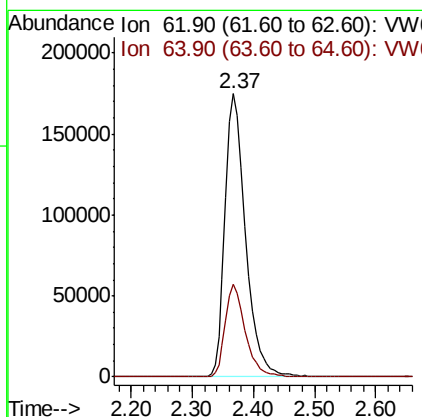
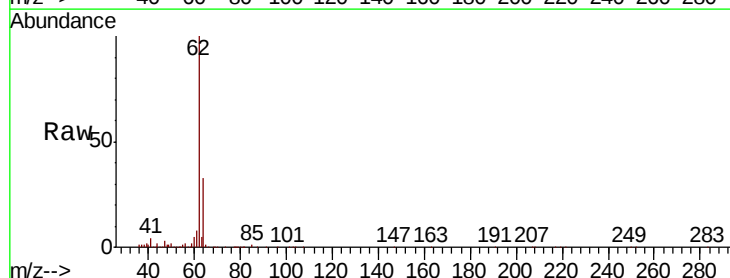
Acq: 21 Aug 2018 22:02

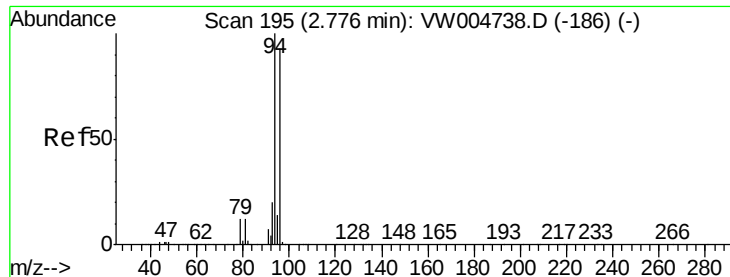
Tgt Ion: 62 Resp: 406869

Ion Ratio Lower Upper

62 100

64 32.7 25.2 37.8





#5

Bromomethane

Concen: 48.48 ug/l

RT: 2.78 min Scan# 196

Delta R.T. 0.01 min

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Acq: 21 Aug 2018 22:02

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Tot Ion: 94 Resp: 246453

Ion Ratio Lower Upper

94 100

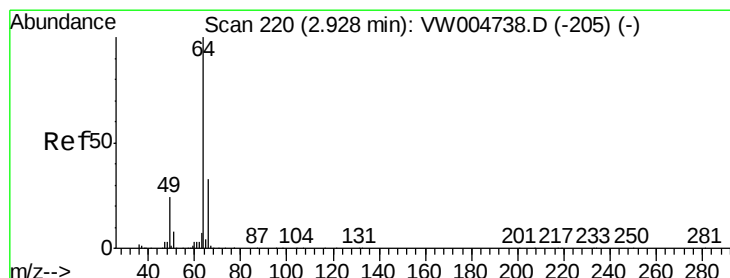
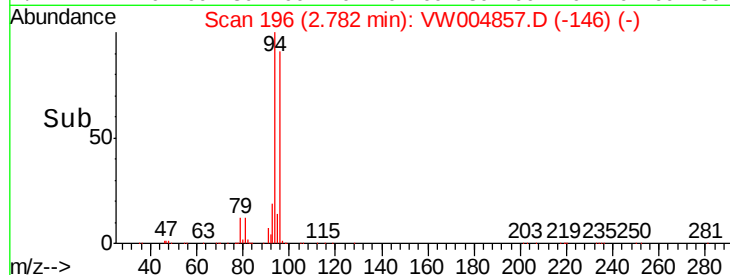
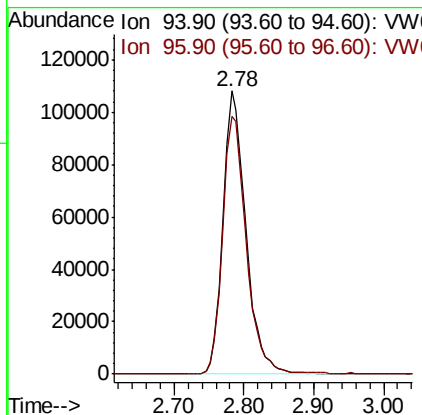
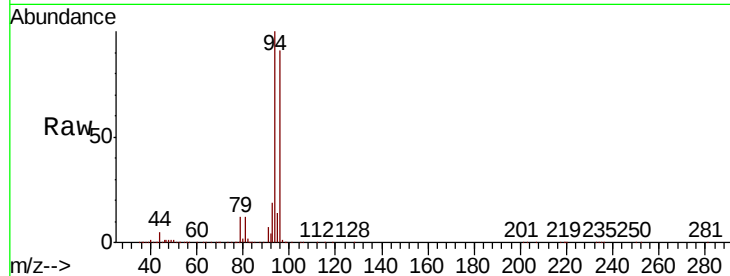
96 91.2 74.3 111.5

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#6

Chloroethane

Concen: 49.79 ug/l

RT: 2.93 min Scan# 220

Delta R.T. -0.00 min

Lab File: VW004857.D

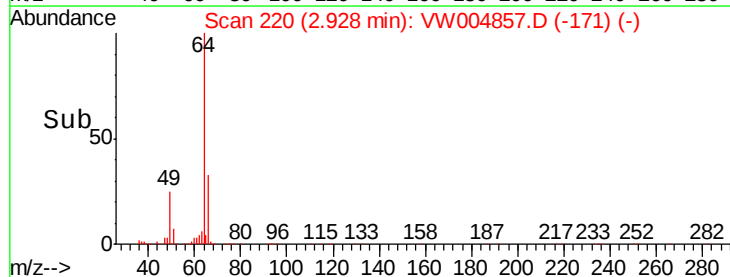
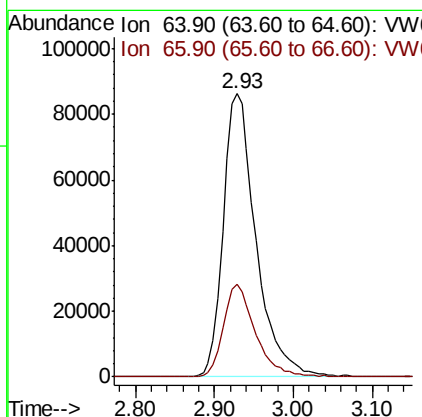
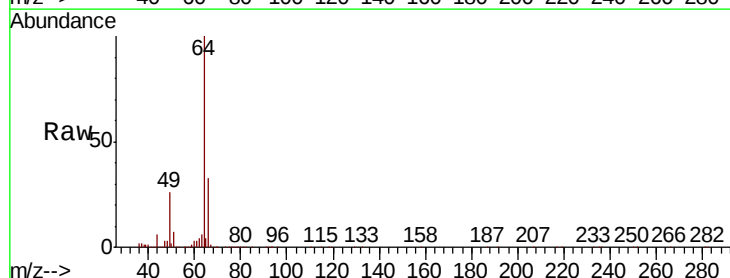
Acq: 21 Aug 2018 22:02

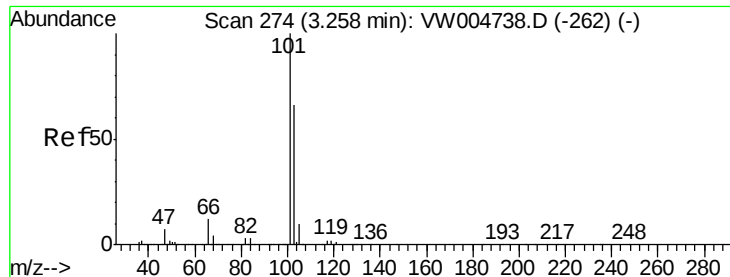
Tgt Ion: 64 Resp: 247252

Ion Ratio Lower Upper

64 100

66 32.7 26.1 39.1





#7

Trichlorofluoromethane

Concen: 46.92 ug/l

RT: 3.26 min Scan# 274

Delta R.T. -0.00 min

Lab File: VW004857.D

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Instrument :

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ClientSampleId :

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Tot Ion: 101 Resp: 181913

Ion Ratio Lower Upper

101 100

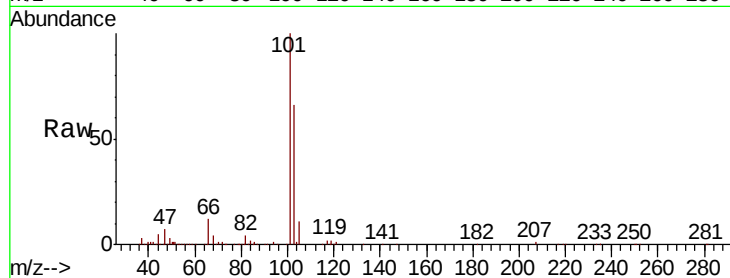
103 65.6 52.5 78.7

Manual Integrations

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Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V

3.26

80000

60000

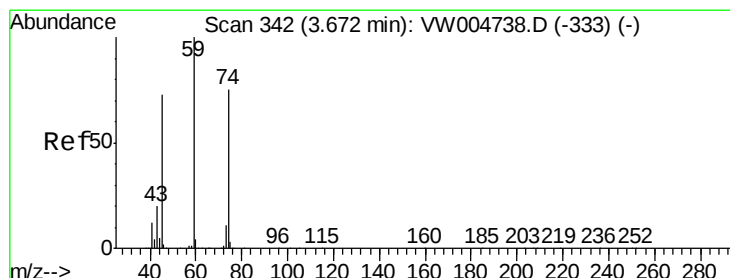
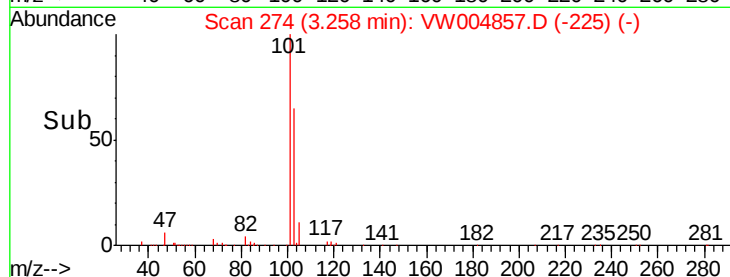
40000

20000

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Time-->

3.20 3.30 3.40



#8

Diethyl Ether

Concen: 51.82 ug/l

RT: 3.68 min Scan# 343

Delta R.T. 0.01 min

Lab File: VW004857.D

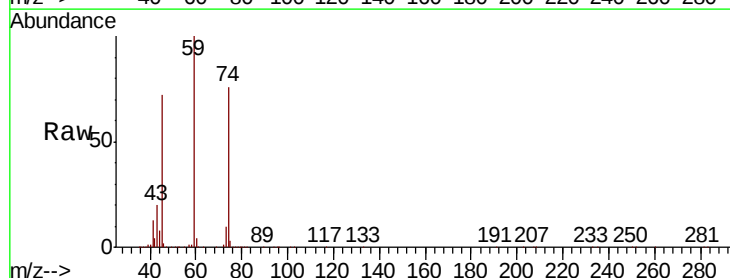
Acq: 21 Aug 2018 22:02

Tgt Ion: 74 Resp: 181678

Ion Ratio Lower Upper

74 100

45 96.9 49.8 149.3



Abundance Ion 74.00 (73.70 to 74.70): VW

Ion 45.00 (44.70 to 45.70): VW

3.68

80000

60000

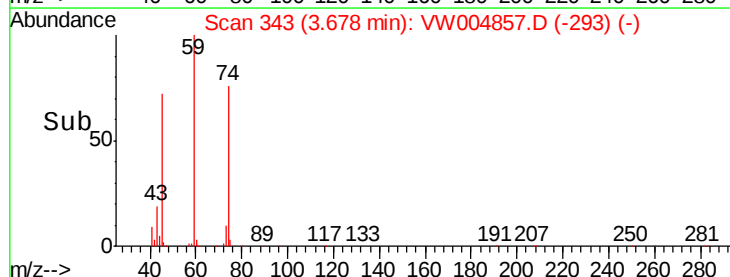
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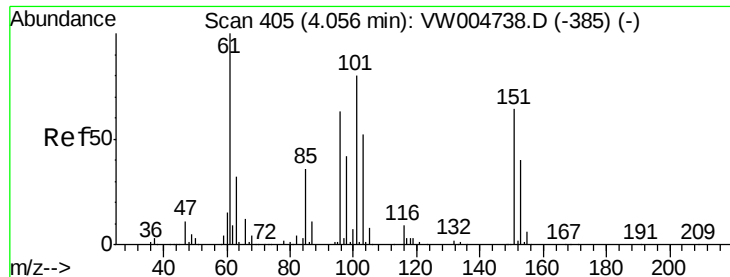
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Time-->

3.60 3.70 3.80





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.06 ug/l

RT: 4.06 min Scan# 406

Delta R.T. 0.01 min

Lab File: VW004857.D

Acq: 21 Aug 2018 22:02

Instrument :

MSVOA_W

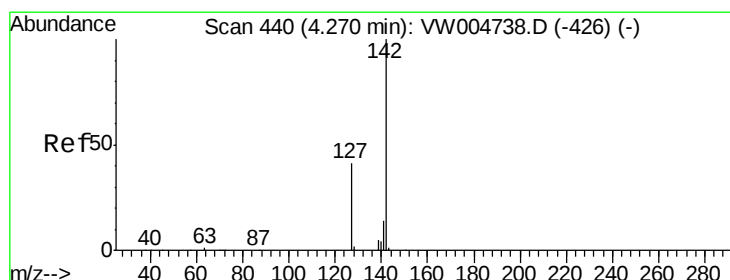
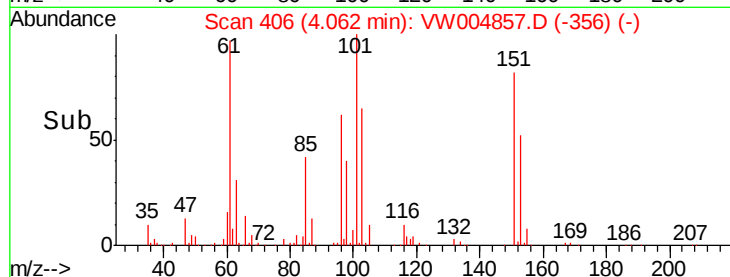
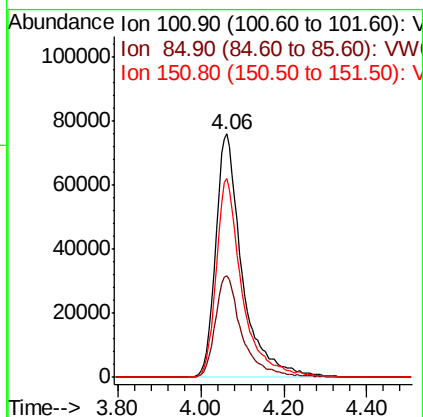
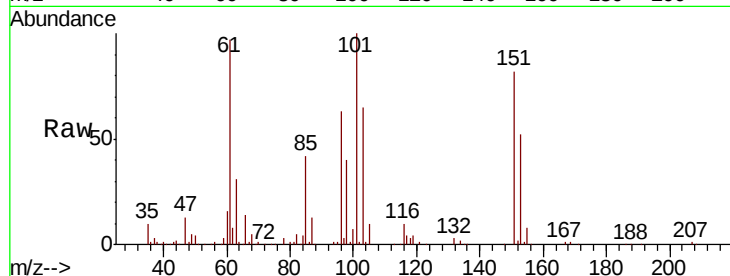
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	334224
Ion Ratio	Lower	Upper	
101	100		
85	42.4	33.9	50.9
151	79.7	63.4	95.2

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#10

Methyl Iodide

Concen: 51.42 ug/l

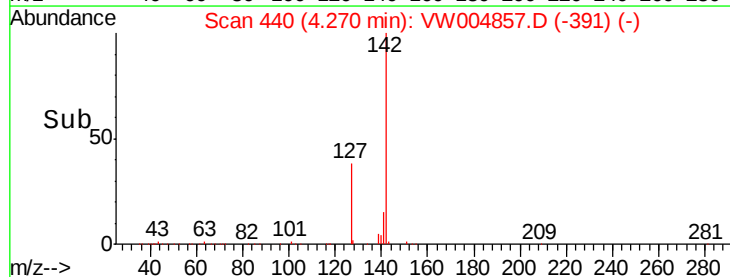
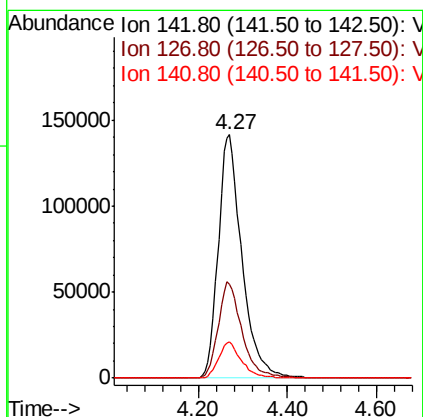
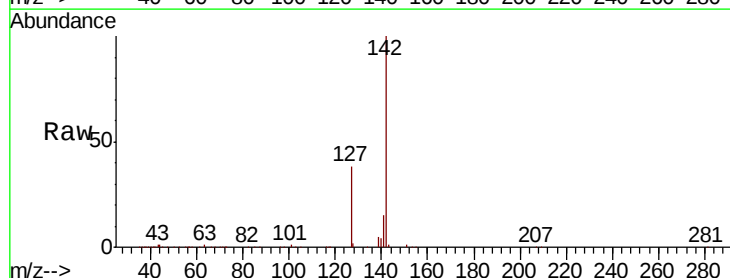
RT: 4.27 min Scan# 440

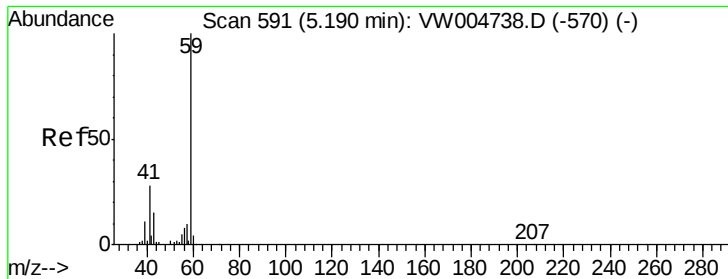
Delta R.T. -0.00 min

Lab File: VW004857.D

Acq: 21 Aug 2018 22:02

Tgt Ion:	142	Resp:	521417
Ion Ratio	Lower	Upper	
142	100		
127	39.8	32.1	48.1
141	14.5	11.7	17.5





#11

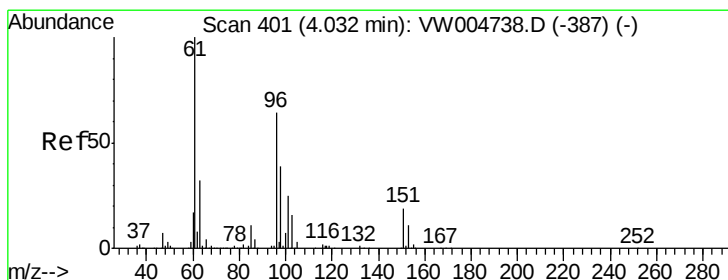
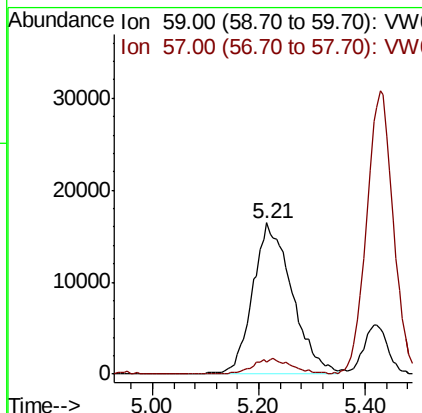
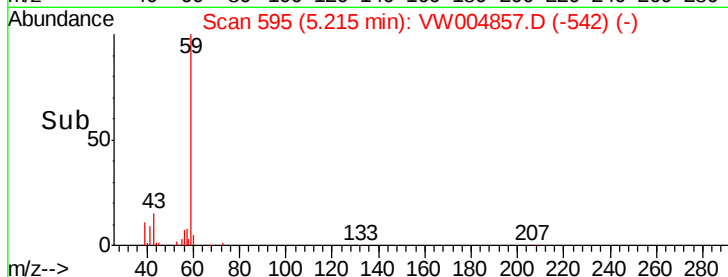
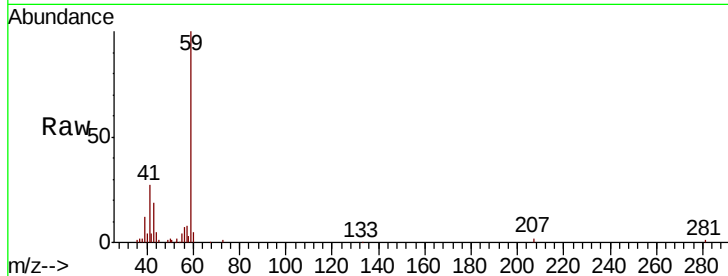
Tert butyl alcohol
Concen: 241.38 ug/l
RT: 5.21 min Scan# 595
Delta R.T. 0.02 min
Lab File: VW004857.D
Acq: 21 Aug 2018 22:02

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.0	8.4	12.6

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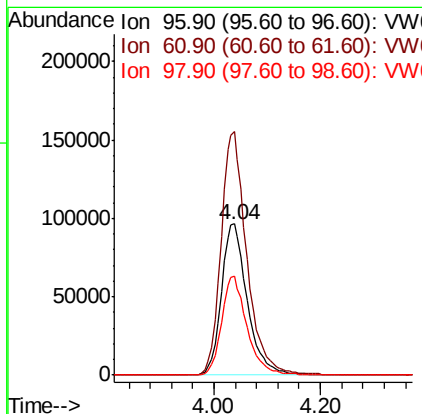
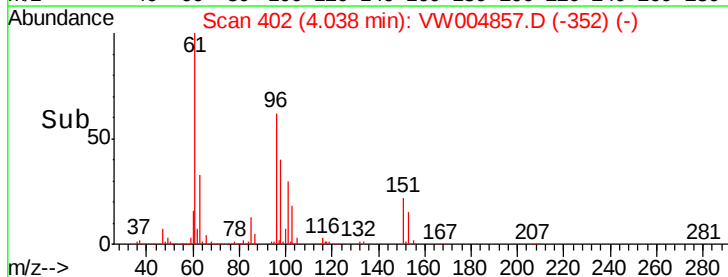
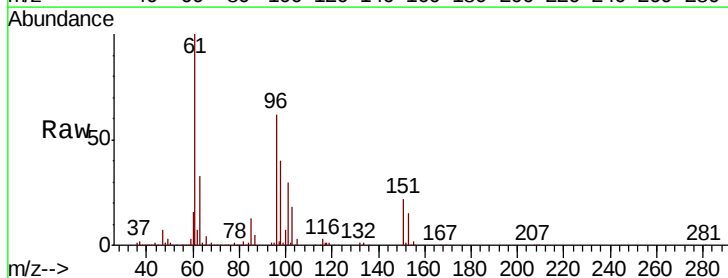
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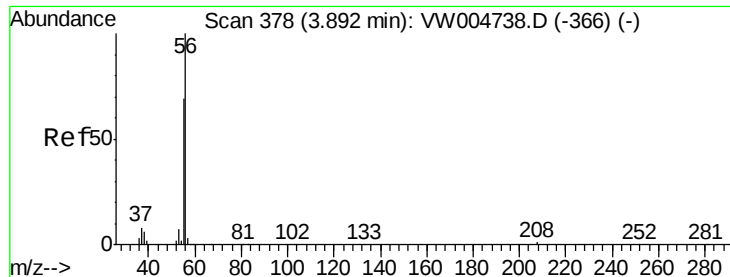


#12

1,1-Dichloroethene
Concen: 49.23 ug/l
RT: 4.04 min Scan# 402
Delta R.T. 0.01 min
Lab File: VW004857.D
Acq: 21 Aug 2018 22:02

Tgt Ion	Ratio	Lower	Upper
96	100		
61	160.8	125.6	188.4
98	65.1	49.4	74.0





#13

Acrolein

Concen: 341.55 ug/l

RT: 3.90 min Scan# 379

Delta R.T. 0.01 min

Lab File: VW004857.D

Acq: 21 Aug 2018 22:02

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 159834

Ion Ratio Lower Upper

56 100

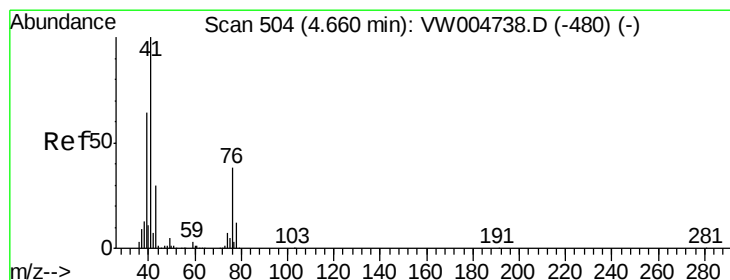
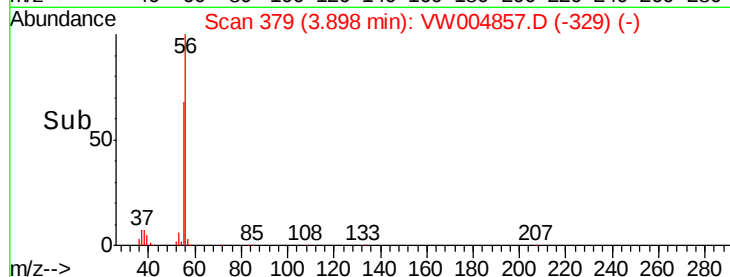
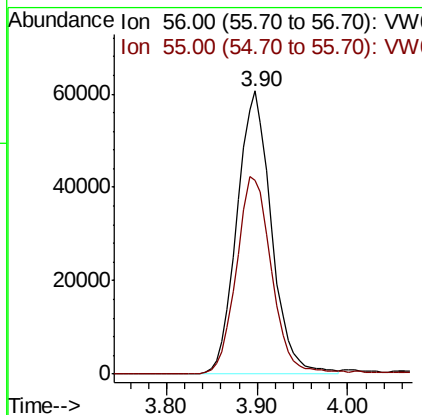
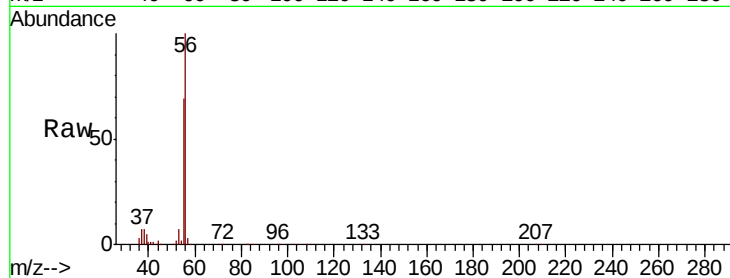
55 72.1 56.1 84.1

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#14

Allyl chloride

Concen: 51.87 ug/l

RT: 4.67 min Scan# 505

Delta R.T. 0.01 min

Lab File: VW004857.D

Acq: 21 Aug 2018 22:02

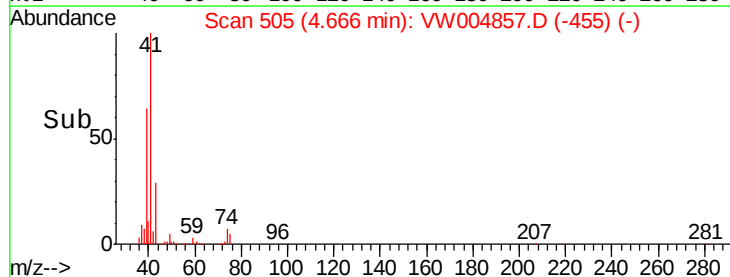
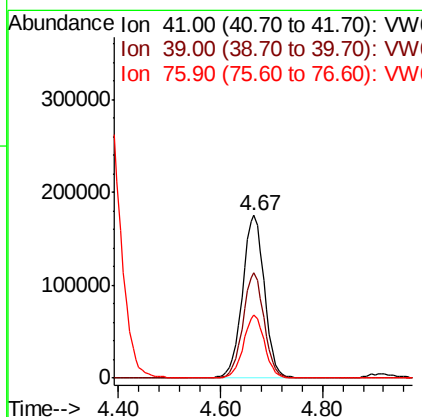
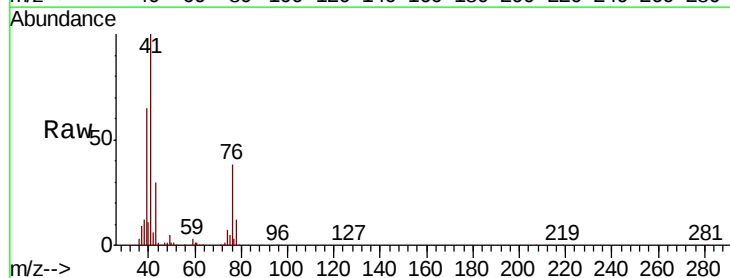
Tgt Ion: 41 Resp: 523772

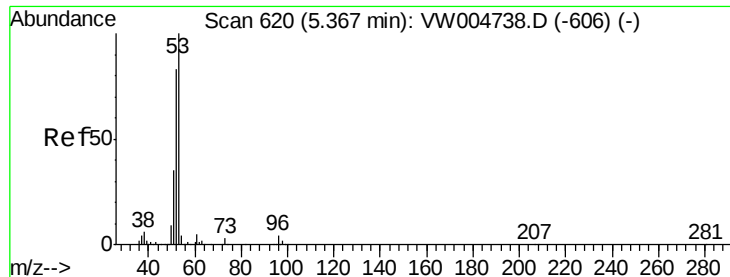
Ion Ratio Lower Upper

41 100

39 62.3 50.0 75.0

76 37.0 29.8 44.6





#15

Acrylonitrile

Concen: 259.19 ug/l

RT: 5.38 min Scan# 622

Delta R.T. 0.01 min

Lab File: VW004857.D

Acq: 21 Aug 2018 22:02

Instrument :

MSVOA_W

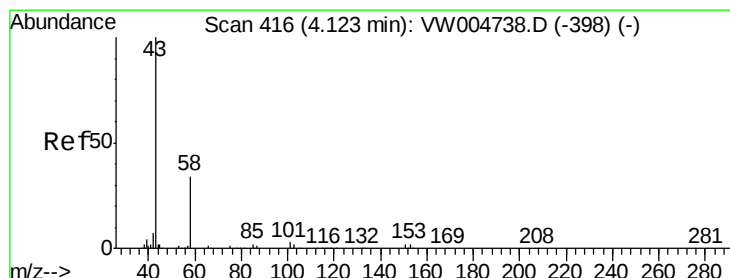
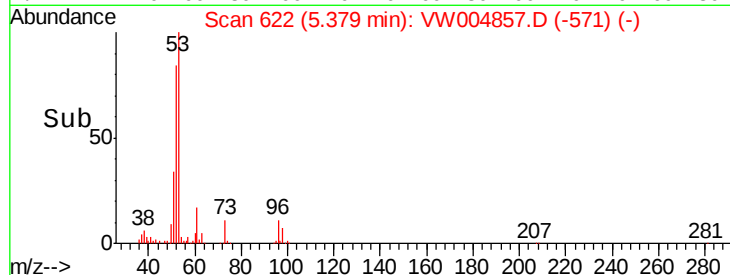
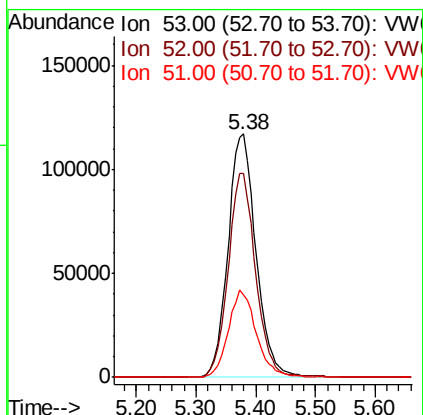
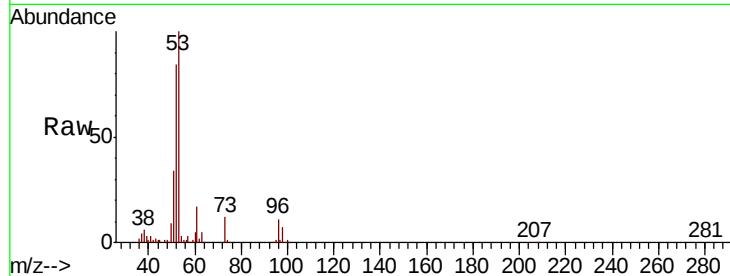
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	381067
Ion Ratio		Lower	Upper
53	100		
52	82.2	65.8	98.6
51	36.0	28.7	43.1

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#16

Acetone

Concen: 222.15 ug/l

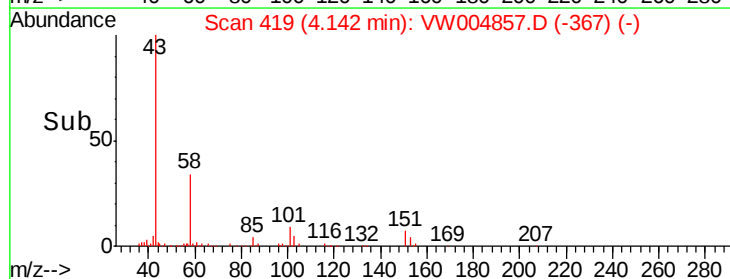
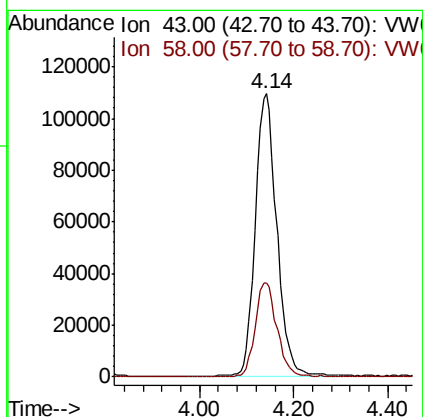
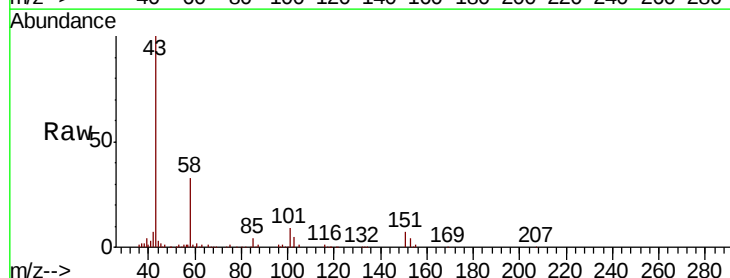
RT: 4.14 min Scan# 419

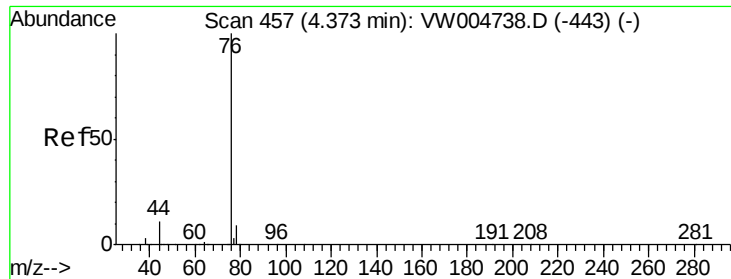
Delta R.T. 0.02 min

Lab File: VW004857.D

Acq: 21 Aug 2018 22:02

Tgt Ion:	43	Resp:	353974
Ion Ratio		Lower	Upper
43	100		
58	33.2	27.3	40.9





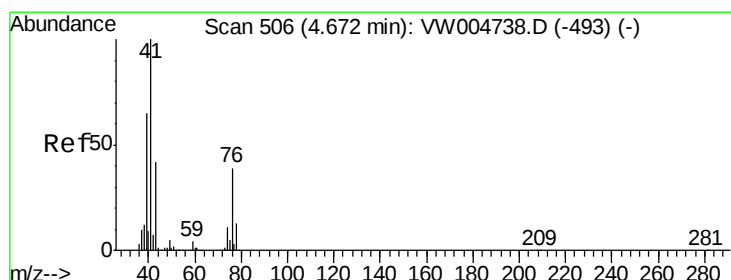
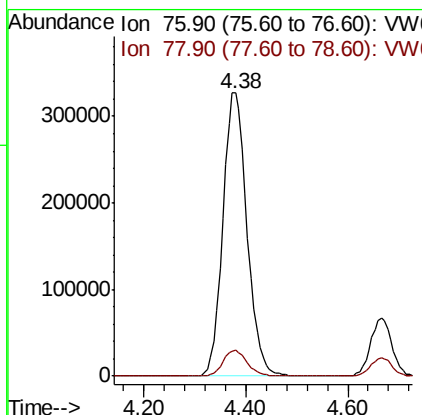
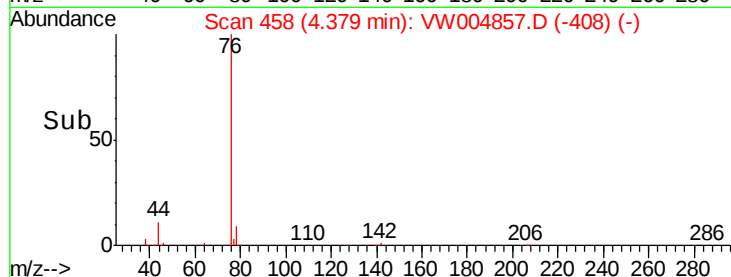
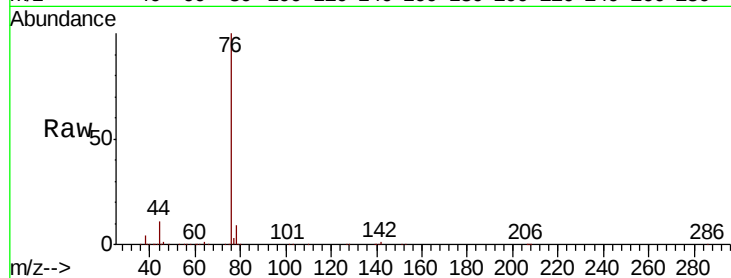
#17
Carbon Disulfide
Concen: 49.01 ug/l
RT: 4.38 min Scan# 458
Delta R.T. 0.01 min
Lab File: VW004857.D
Acq: 21 Aug 2018 22:02

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion: 76 Resp: 1071600
Ion Ratio Lower Upper
76 100
78 9.4 7.4 11.2

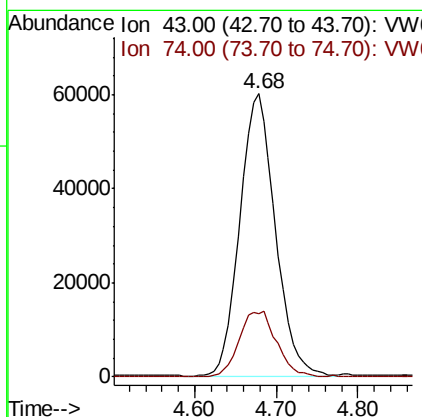
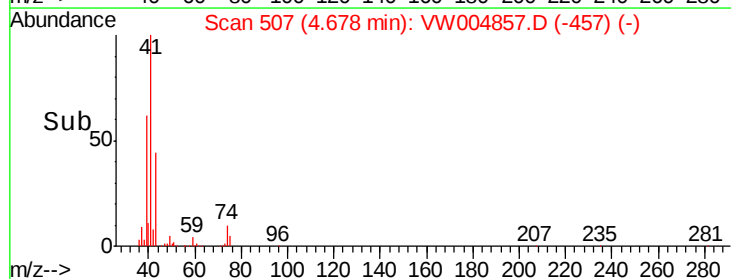
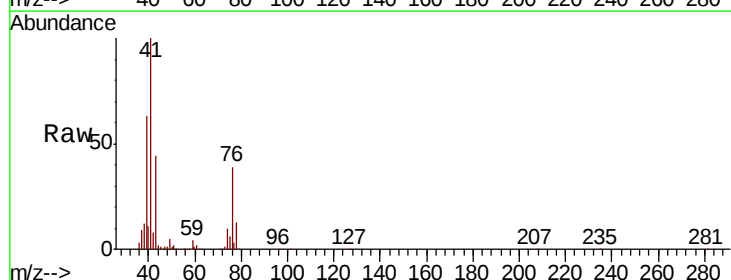
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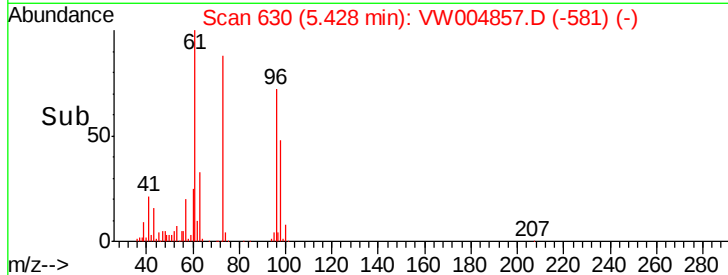
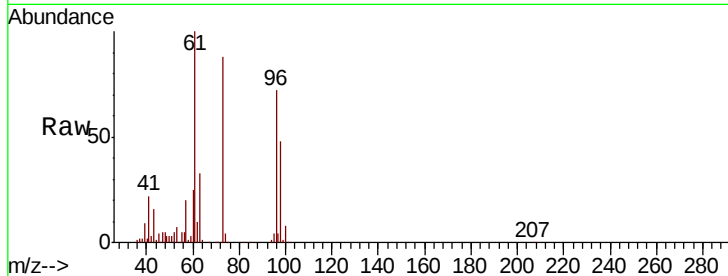
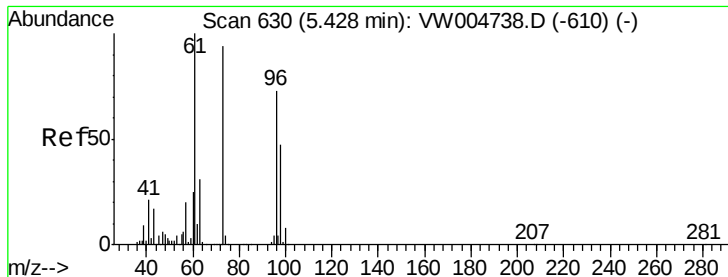
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#18
Methyl Acetate
Concen: 52.85 ug/l
RT: 4.68 min Scan# 507
Delta R.T. 0.01 min
Lab File: VW004857.D
Acq: 21 Aug 2018 22:02

Tgt Ion: 43 Resp: 180468
Ion Ratio Lower Upper
43 100
74 24.6 19.8 29.8





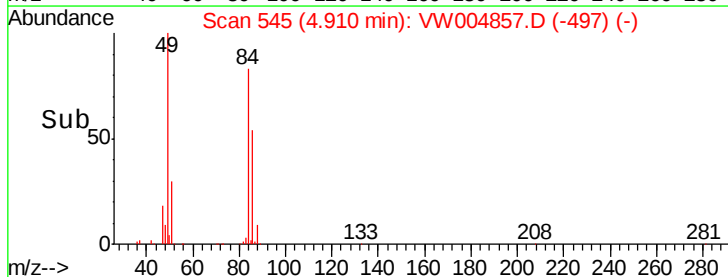
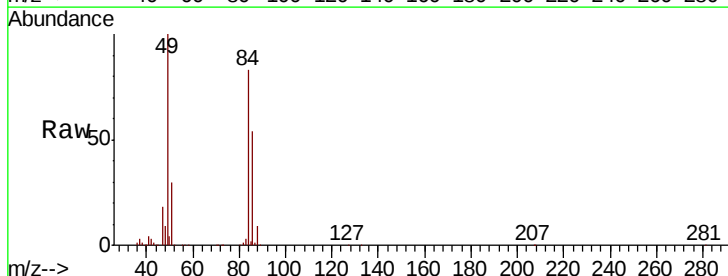
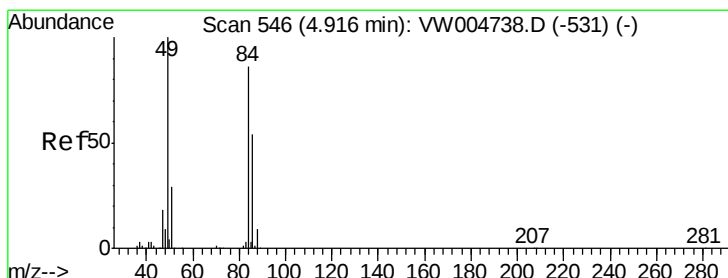
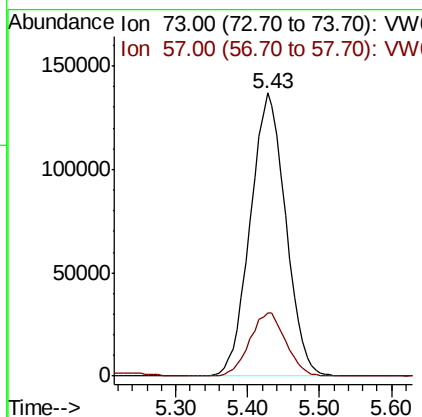
#19
Methvl tert-butvl Ether
Concen: 54.23 ug/l
RT: 5.43 min Scan# 630
Delta R.T. -0.00 min
Lab File: VW004857.D
Acq: 21 Aug 2018 22:02

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.4	17.3	25.9

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

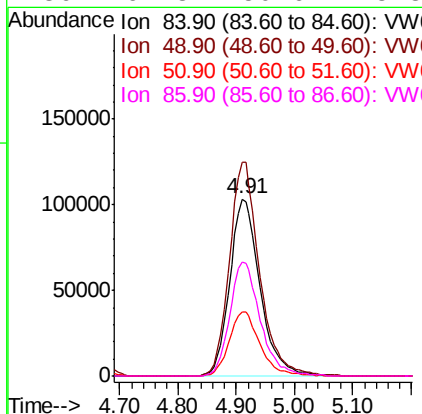
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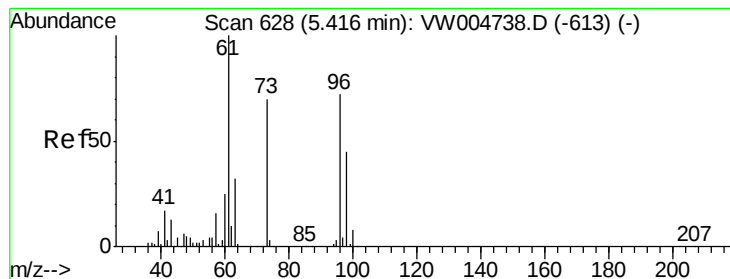
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#20
Methylene Chloride
Concen: 51.35 ug/l
RT: 4.91 min Scan# 545
Delta R.T. -0.01 min
Lab File: VW004857.D
Acq: 21 Aug 2018 22:02

Tgt Ion	Ratio	Lower	Upper
84	100		
49	120.8	93.2	139.8
51	36.4	27.4	41.0
86	64.8	50.6	75.8





#21

trans-1,2-Dichloroethene

Concen: 51.10 ug/l

RT: 5.42 min Scan# 629

Delta R.T. 0.01 min

Lab File: VW004857.D

Acq: 21 Aug 2018 22:02

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 96 Resp: 361716

Ion Ratio Lower Upper

96 100

61 137.9 111.4 167.0

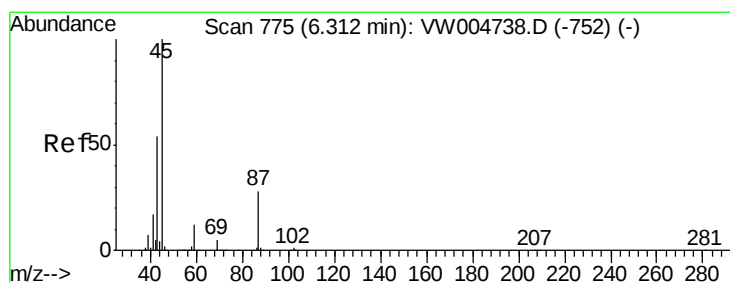
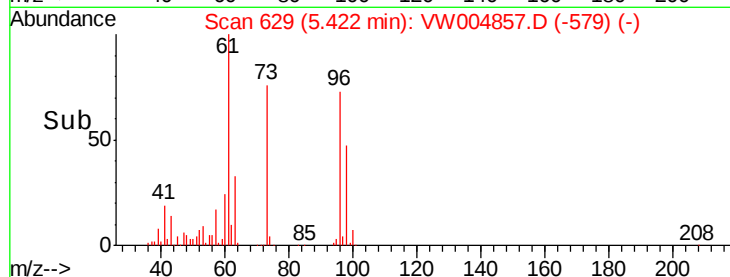
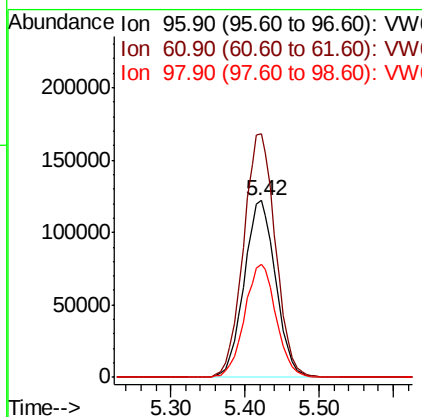
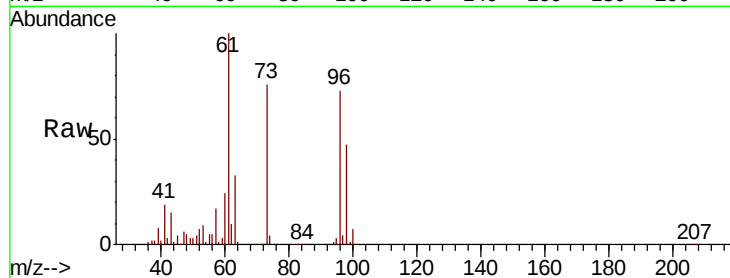
98 64.3 49.7 74.5

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#22

Diisopropyl ether

Concen: 55.47 ug/l

RT: 6.32 min Scan# 776

Delta R.T. 0.01 min

Lab File: VW004857.D

Acq: 21 Aug 2018 22:02

Tgt Ion: 45 Resp: 1076461

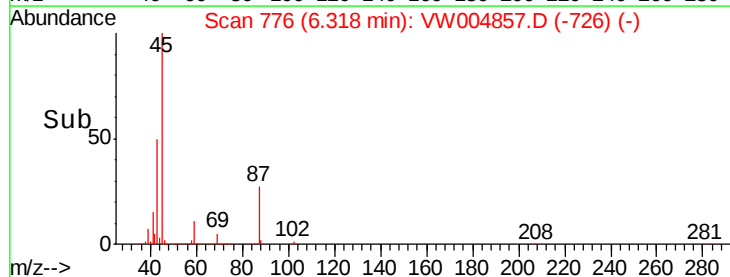
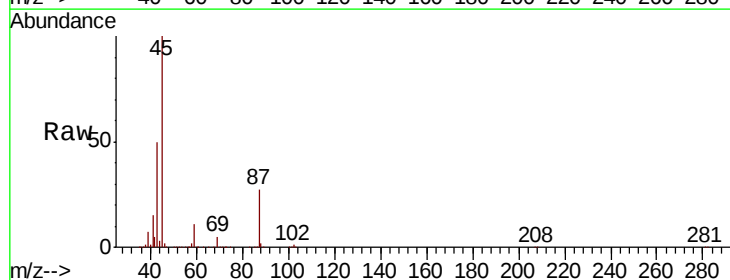
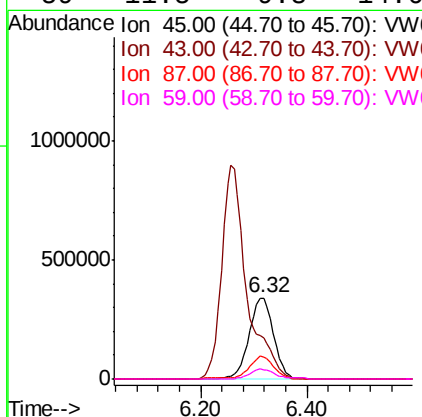
Ion Ratio Lower Upper

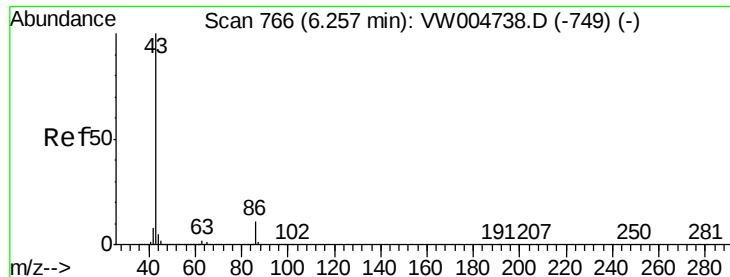
45 100

43 49.8 43.0 64.6

87 27.1 22.2 33.4

59 11.5 9.8 14.6





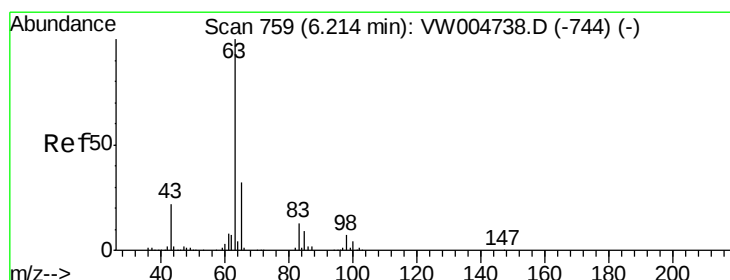
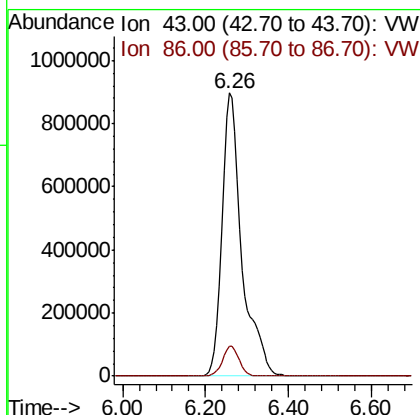
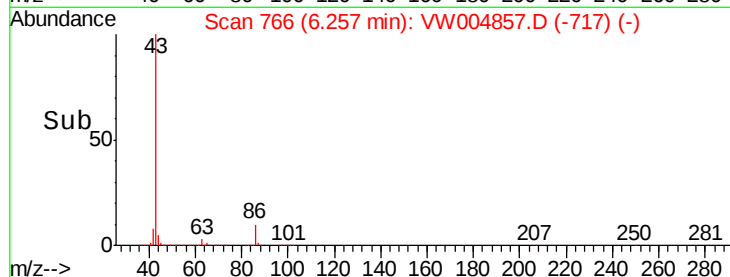
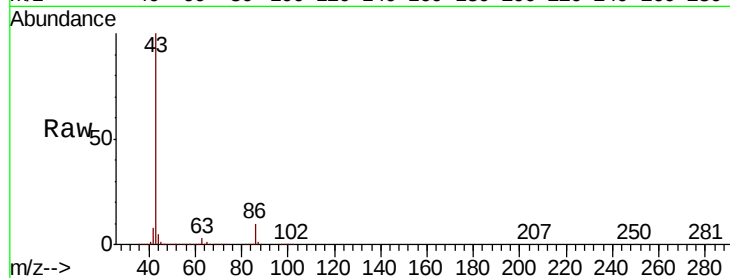
#23
 Vinyl Acetate
 Concen: 269.05 ug/l
 RT: 6.26 min Scan# 766
 Delta R.T. -0.00 min
 Lab File: VW004857.D
 Acq: 21 Aug 2018 22:02

Instrument :
 MSVOA_W
 ClientSampleID :
 VSTDCCC050EC

Tot Ion: 43 Resp: 2953415
 Ion Ratio Lower Upper
 43 100
 86 10.4 8.5 12.7

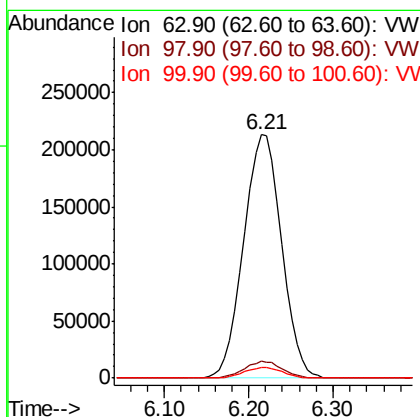
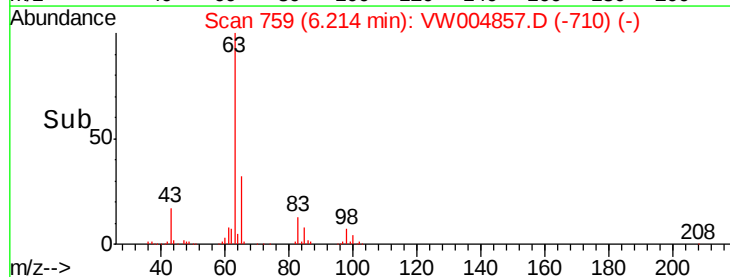
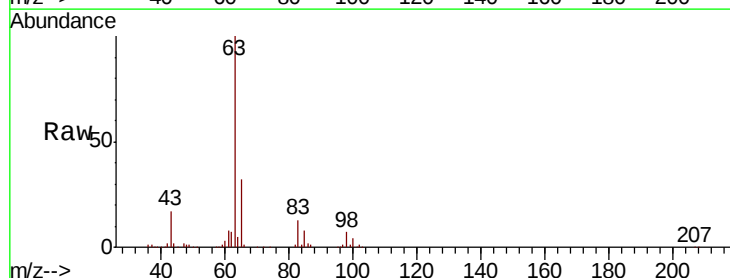
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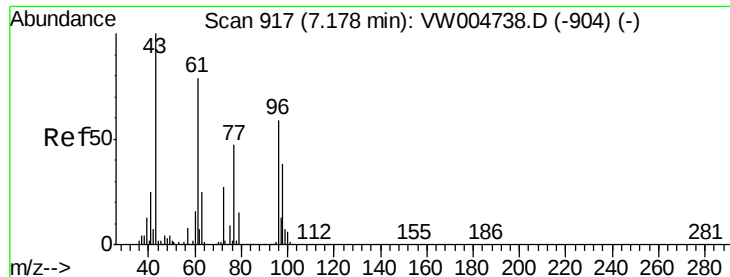
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#24
 1,1-Dichloroethane
 Concen: 51.82 ug/l
 RT: 6.21 min Scan# 759
 Delta R.T. -0.00 min
 Lab File: VW004857.D
 Acq: 21 Aug 2018 22:02

Tgt Ion: 63 Resp: 653532
 Ion Ratio Lower Upper
 63 100
 98 6.9 3.5 10.4
 100 4.1 2.1 6.3





#25

2-Butanone

Concen: 244.70 ug/l

RT: 7.18 min Scan# 918

Delta R.T. 0.01 min

Lab File: VW004857.D

Acq: 21 Aug 2018 22:02

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 55540

Ion Ratio Lower Upper

43 100

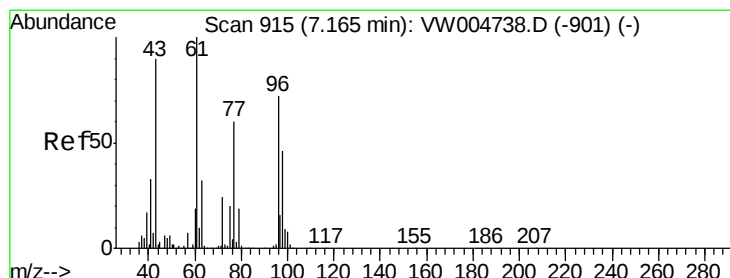
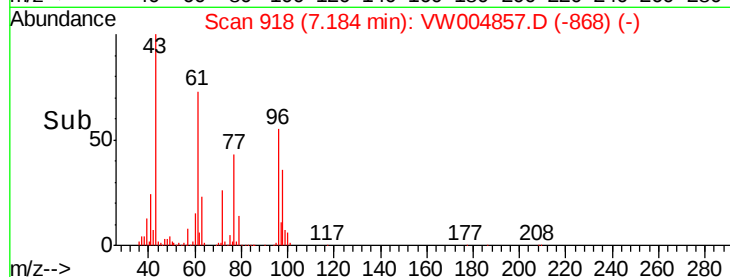
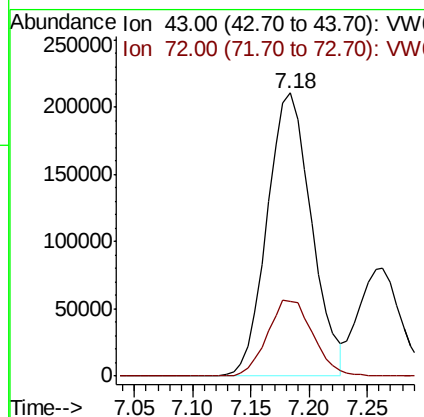
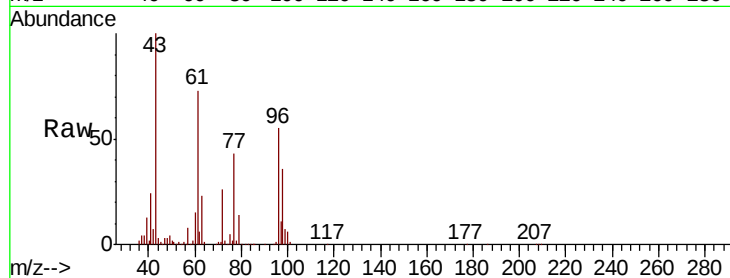
72 26.5 22.0 33.0

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#26

2,2-Dichloropropane

Concen: 48.06 ug/l

RT: 7.17 min Scan# 915

Delta R.T. -0.00 min

Lab File: VW004857.D

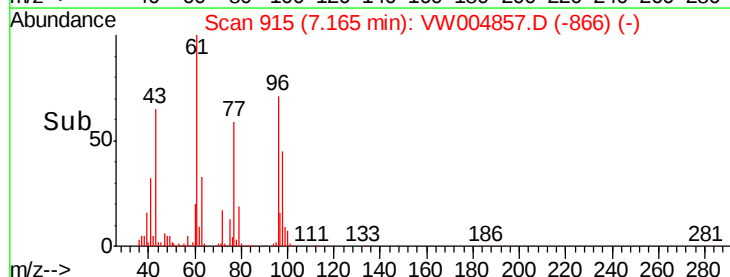
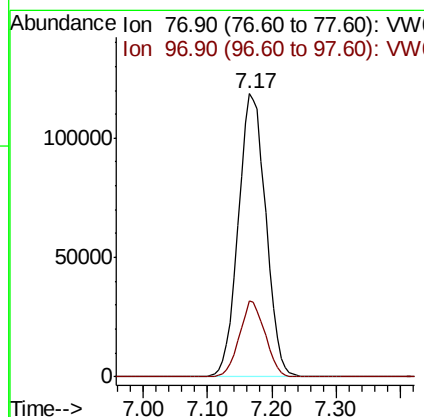
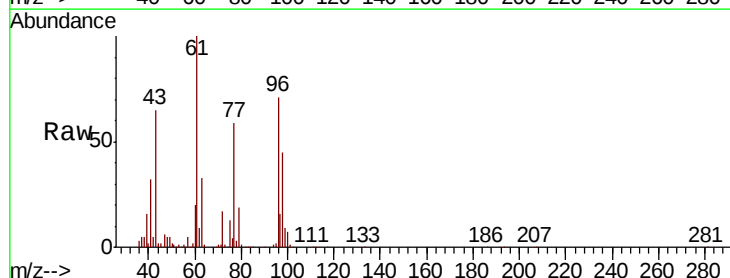
Acq: 21 Aug 2018 22:02

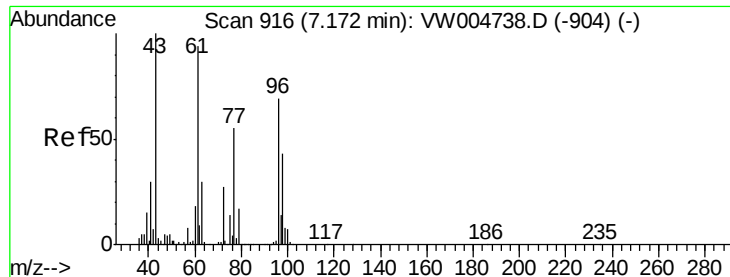
Tgt Ion: 77 Resp: 350059

Ion Ratio Lower Upper

77 100

97 25.1 12.6 37.8





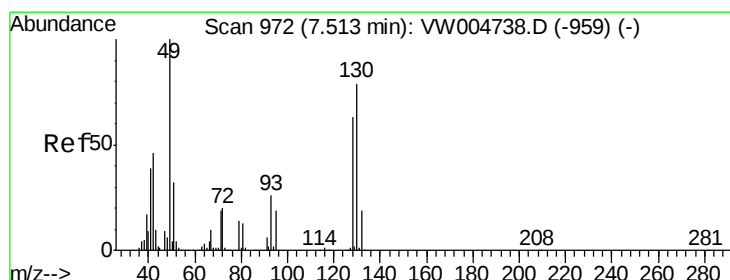
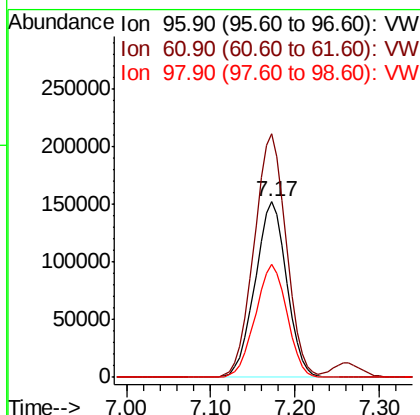
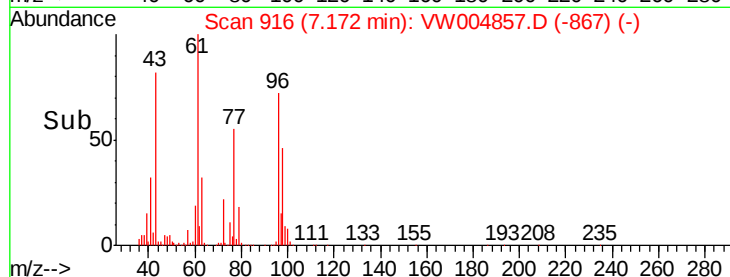
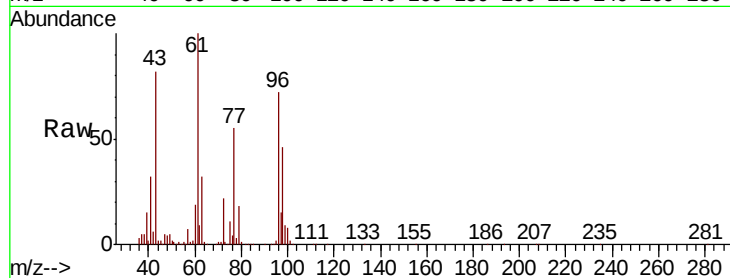
#27
 cis-1,2-Dichloroethene
 Concen: 51.60 ug/l
 RT: 7.17 min Scan# 916
 Delta R.T. -0.00 min
 Lab File: VW004857.D
 Acq: 21 Aug 2018 22:02

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
96	100	393218		
61	140.2	0.0	277.6	
98	64.5	0.0	127.4	

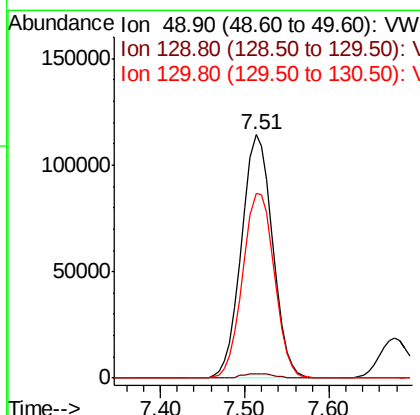
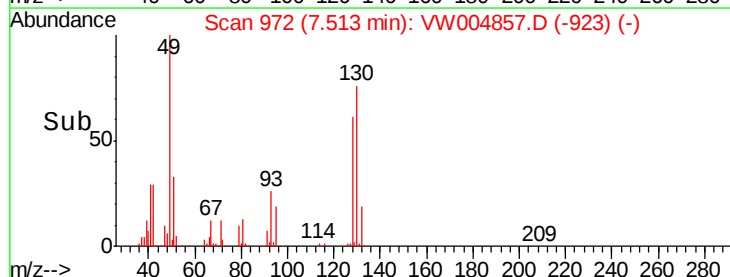
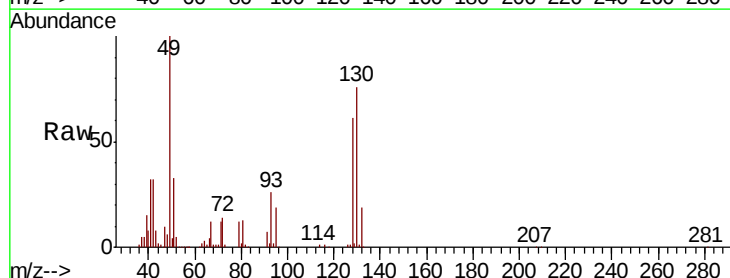
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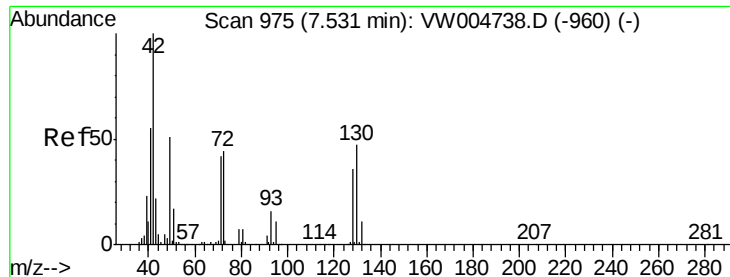
apatel
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#28
 Bromochloromethane
 Concen: 53.70 ug/l
 RT: 7.51 min Scan# 972
 Delta R.T. -0.00 min
 Lab File: VW004857.D
 Acq: 21 Aug 2018 22:02

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	285192		
129	2.0	0.0	4.4	
130	77.5	63.7	95.5	





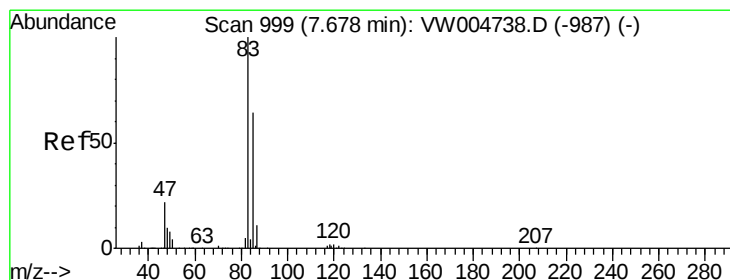
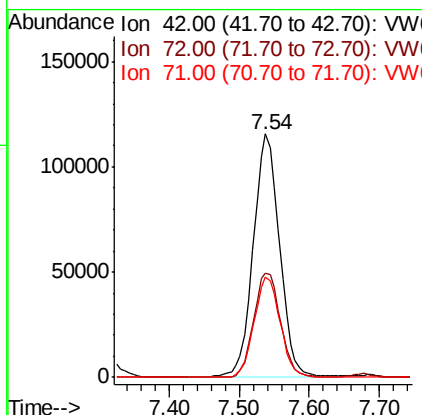
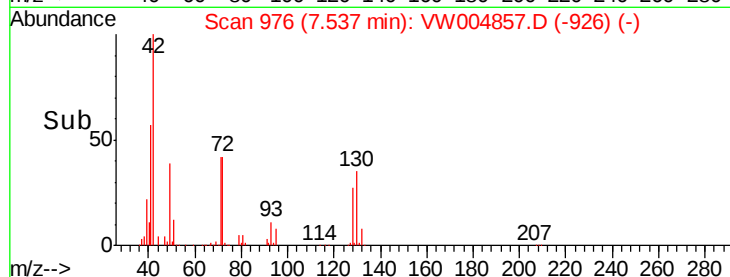
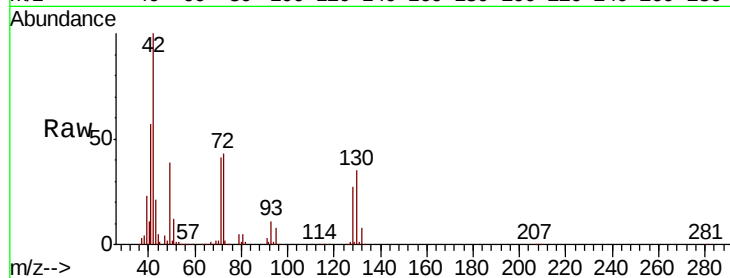
#29
Tetrahydrofuran
Concen: 260.75 ug/l
RT: 7.54 min Scan# 976
Delta R.T. 0.01 min
Lab File: VW004857.D
Acq: 21 Aug 2018 22:02

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion:	42	Resp:	301871
Ion Ratio		Lower	Upper
42	100		
72	43.9	34.9	52.3
71	41.0	33.8	50.6

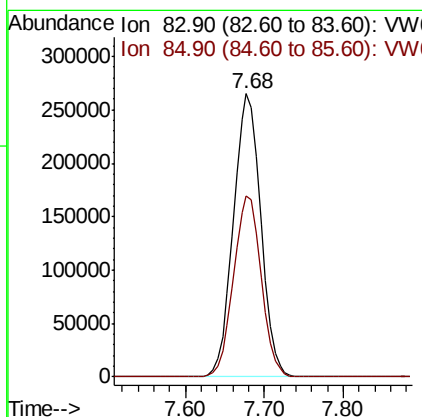
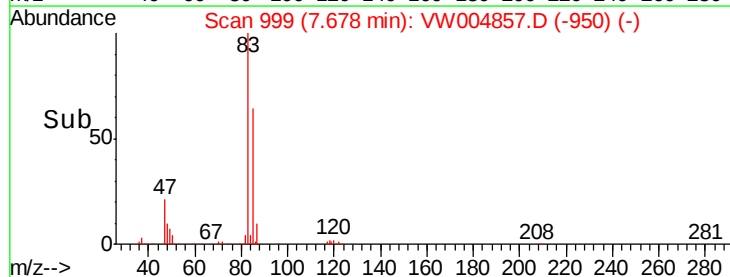
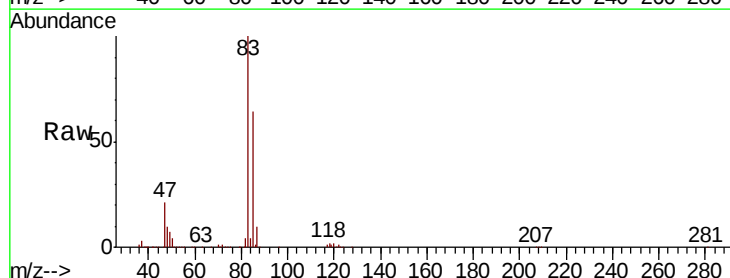
Manual Integrations
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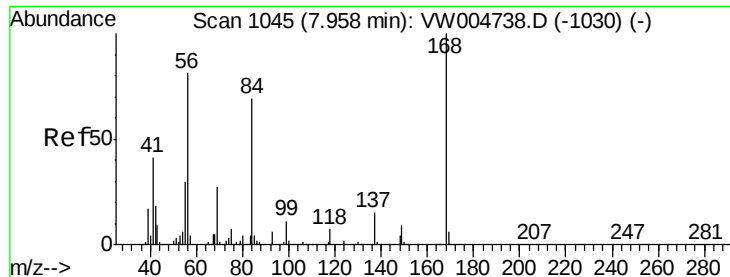
apatel
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#30
Chloroform
Concen: 51.66 ug/l
RT: 7.68 min Scan# 999
Delta R.T. -0.00 min
Lab File: VW004857.D
Acq: 21 Aug 2018 22:02

Tgt Ion:	83	Resp:	640726
Ion Ratio		Lower	Upper
83	100		
85	64.1	51.0	76.6





#31

Cyclohexane

Concen: 49.24 ug/l

RT: 7.96 min Scan# 1045

Delta R.T. -0.00 min

Lab File: VW004857.D

Acq: 21 Aug 2018 22:02

Instrument :

MSVOA_W

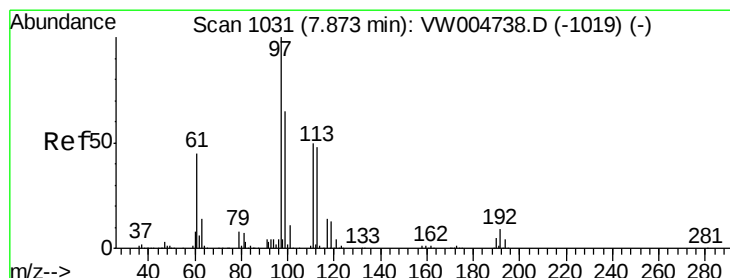
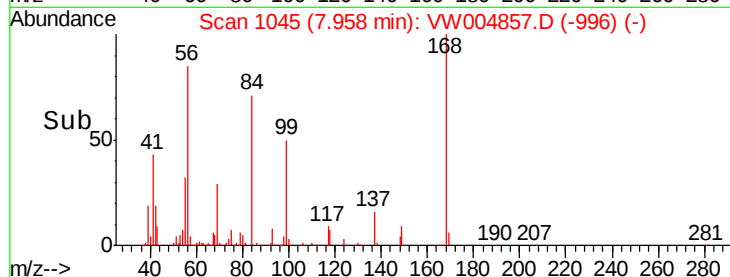
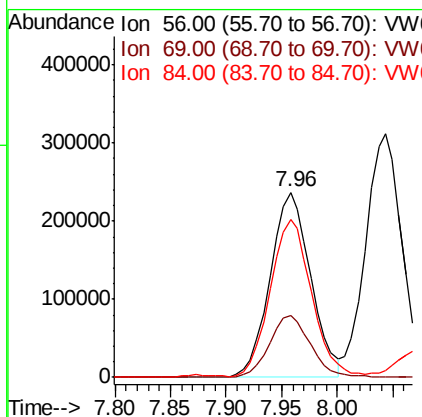
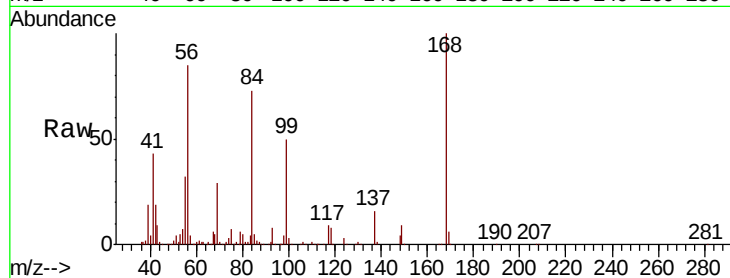
ClientSampleId :

VSTDCCC050EC

Tot Ion:	56	Resp:	600669
Ion	Ratio	Lower	Upper
56	100		
69	33.5	27.1	40.7
84	84.2	68.3	102.5

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#32

1,1,1-Trichloroethane

Concen: 51.17 ug/l

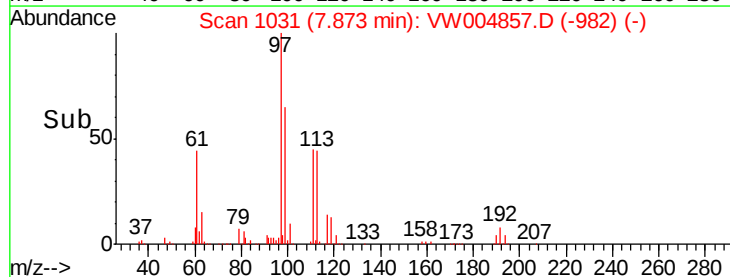
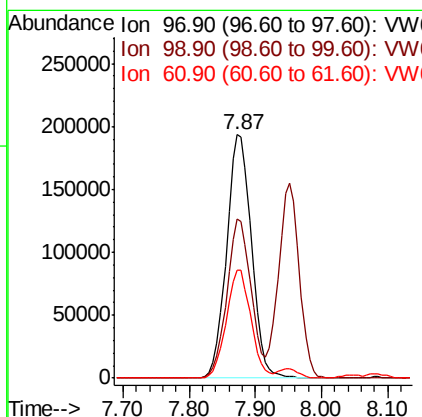
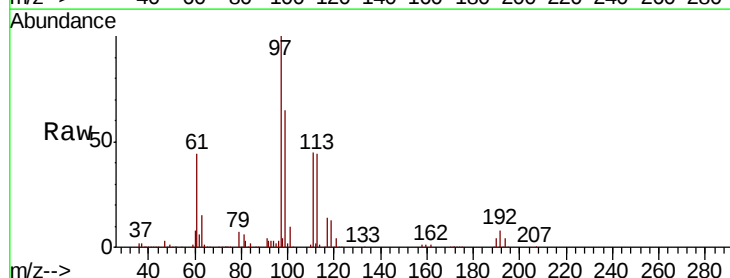
RT: 7.87 min Scan# 1031

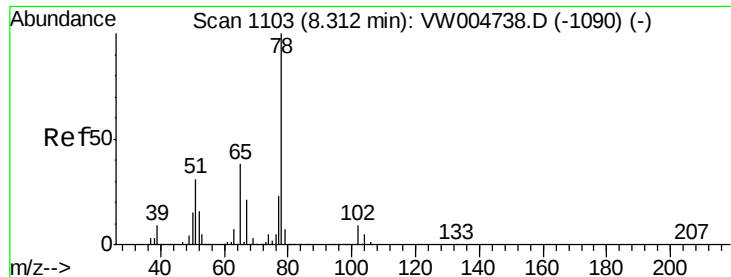
Delta R.T. -0.00 min

Lab File: VW004857.D

Acq: 21 Aug 2018 22:02

Tgt Ion:	97	Resp:	503149
Ion	Ratio	Lower	Upper
97	100		
99	63.7	51.7	77.5
61	43.9	34.4	51.6





#33

1,2-Dichloroethane-d4

Concen: 49.56 ug/l

RT: 8.31 min Scan# 1103

Delta R.T. -0.00 min

Lab File: VW004857.D

Acq: 21 Aug 2018 22:02

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 65 Resp: 309373

Ion Ratio Lower Upper

65 100

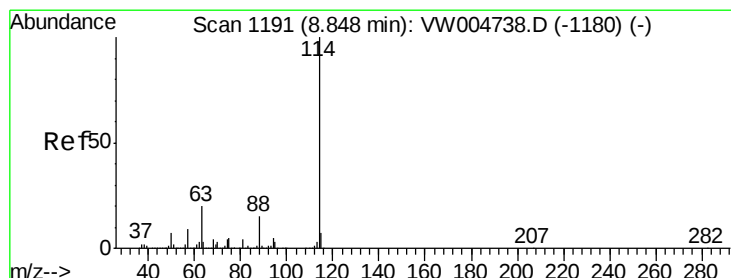
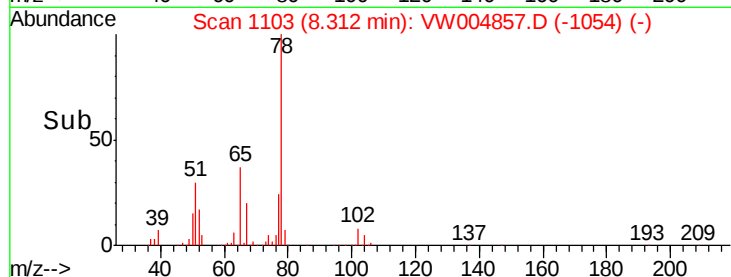
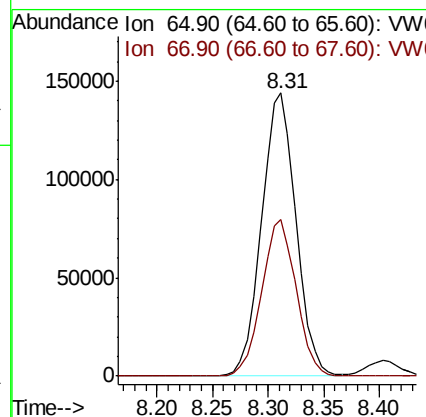
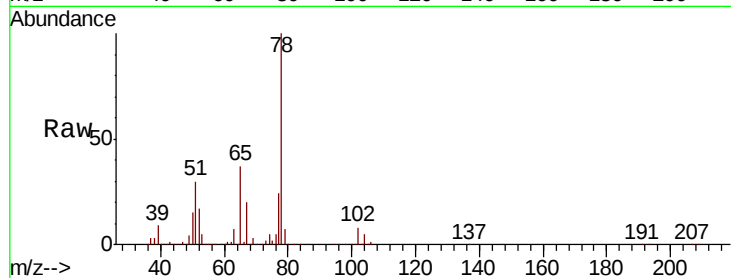
67 55.4 0.0 109.4

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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: VW004857.D

Acq: 21 Aug 2018 22:02

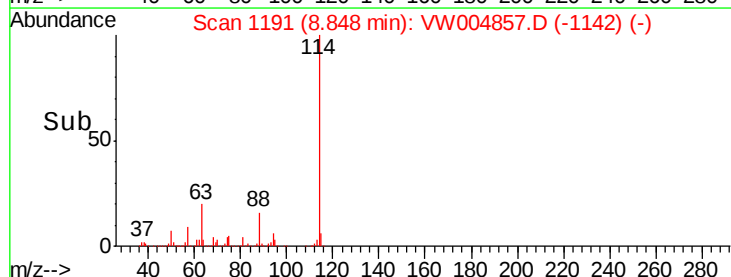
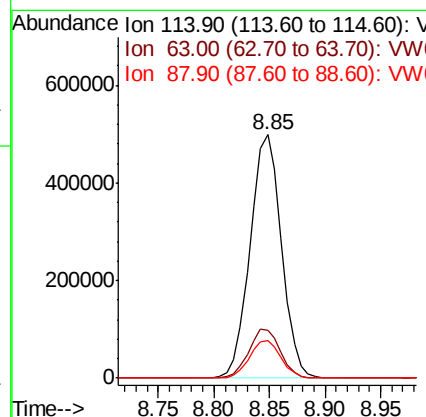
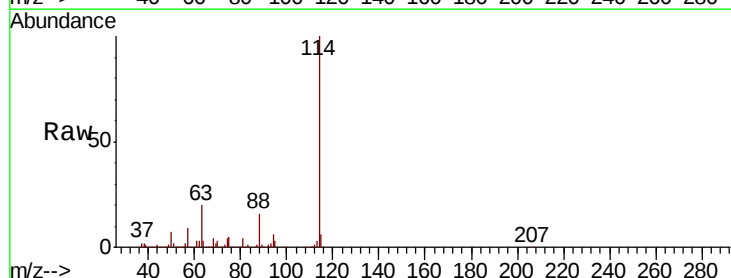
Tgt Ion: 114 Resp: 976676

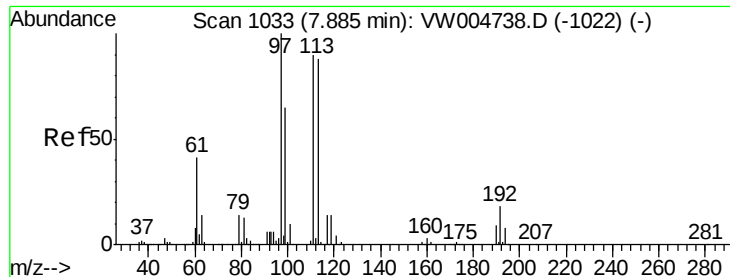
Ion Ratio Lower Upper

114 100

63 19.8 0.0 39.0

88 15.7 0.0 30.0





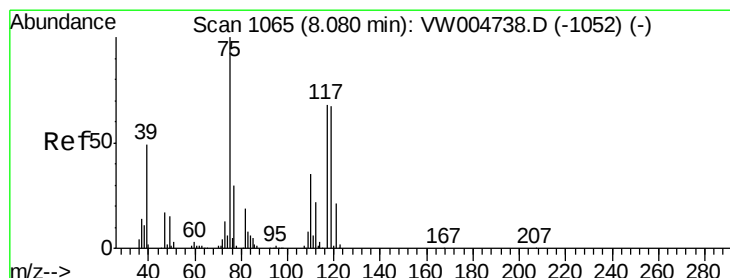
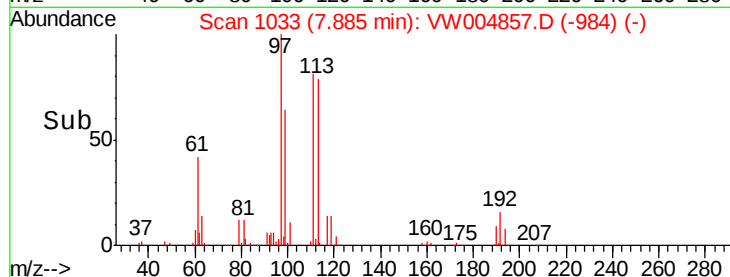
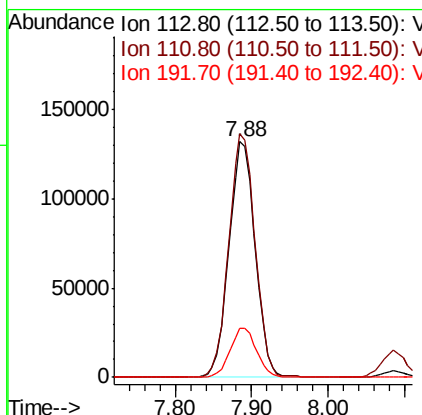
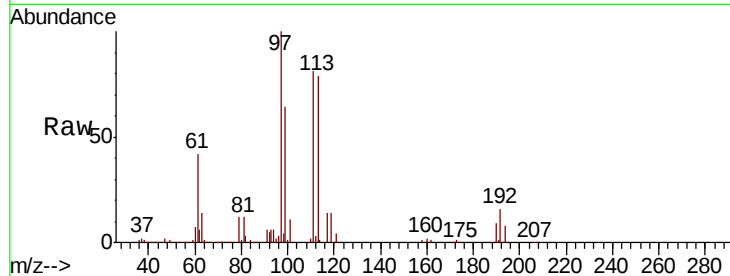
#35
 Dibromofluoromethane
 Concen: 50.06 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. -0.00 min
 Lab File: VW004857.D
 Acq: 21 Aug 2018 22:02

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.7	82.4	123.6
192	21.0	16.7	25.1

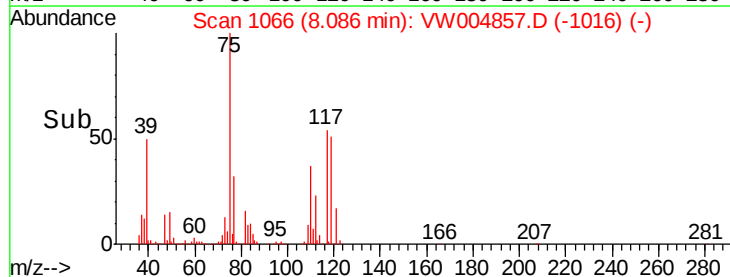
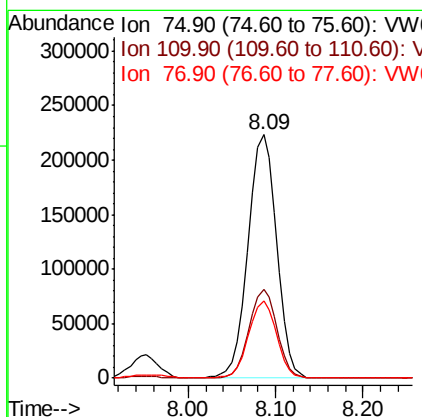
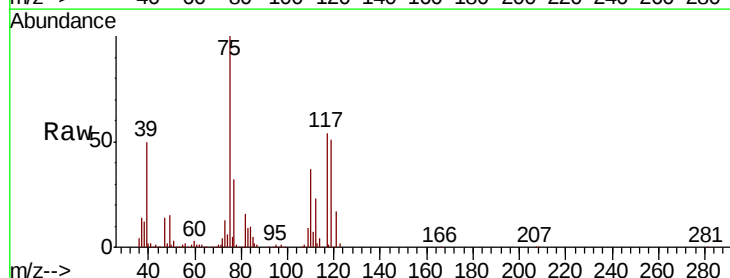
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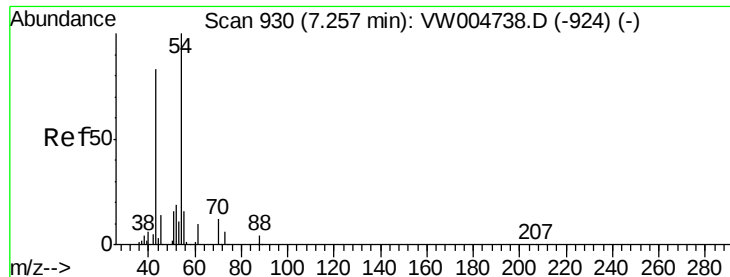
apatel
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#36
 1,1-Dichloropropene
 Concen: 50.45 ug/l
 RT: 8.09 min Scan# 1066
 Delta R.T. 0.01 min
 Lab File: VW004857.D
 Acq: 21 Aug 2018 22:02

Tgt Ion	Ratio	Lower	Upper
75	100		
110	35.8	17.8	53.5
77	31.3	24.9	37.3





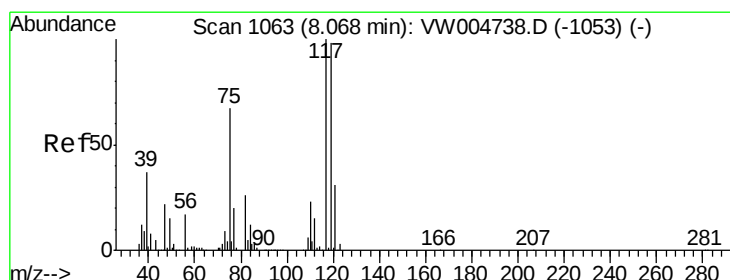
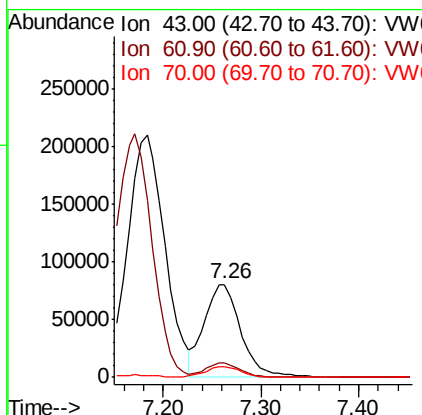
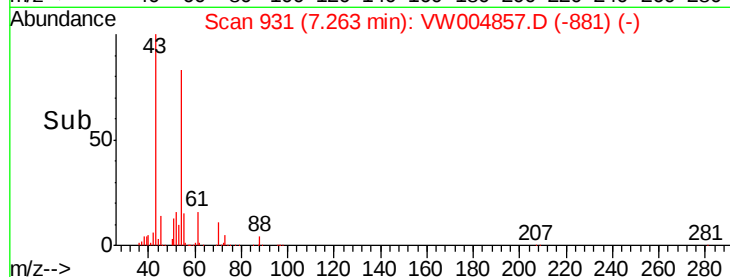
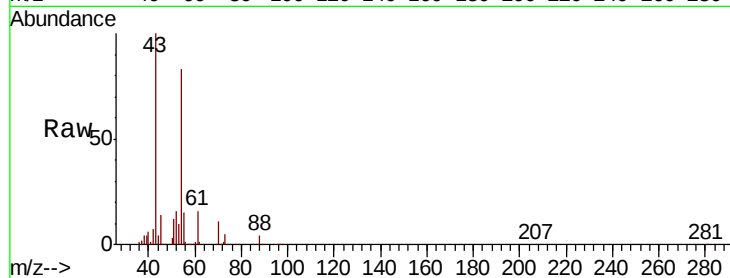
#37
Ethyl Acetate
Concen: 51.77 ug/l
RT: 7.26 min Scan# 931
Delta R.T. 0.01 min
Lab File: VW004857.D
Acq: 21 Aug 2018 22:02

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.7	11.6	17.4
70	11.3	9.2	13.8

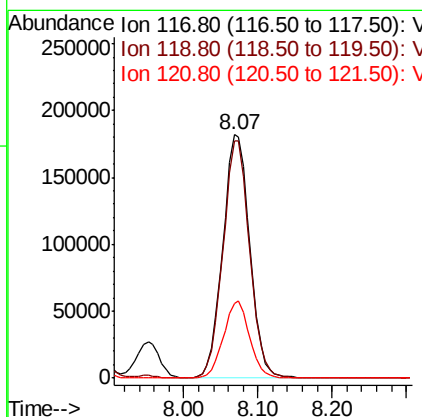
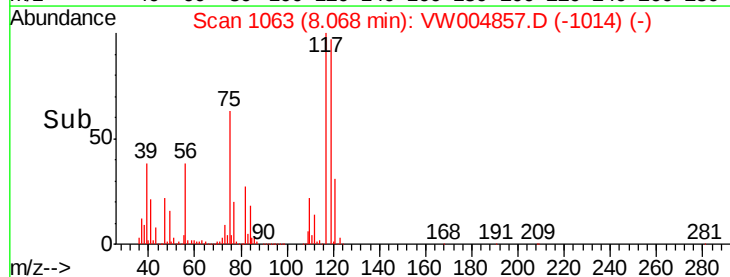
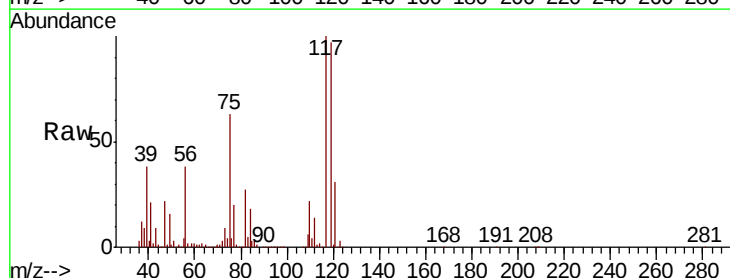
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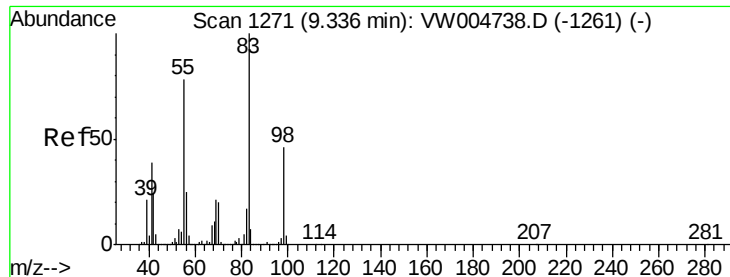
apatel
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#38
Carbon Tetrachloride
Concen: 49.67 ug/l
RT: 8.07 min Scan# 1063
Delta R.T. -0.00 min
Lab File: VW004857.D
Acq: 21 Aug 2018 22:02

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.2	78.0	117.0
121	30.8	24.8	37.2





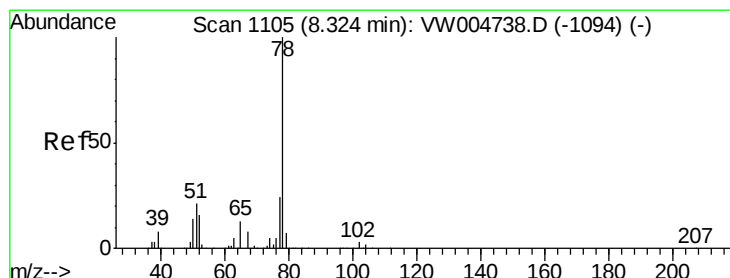
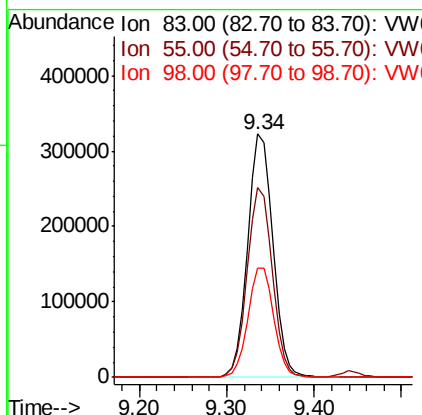
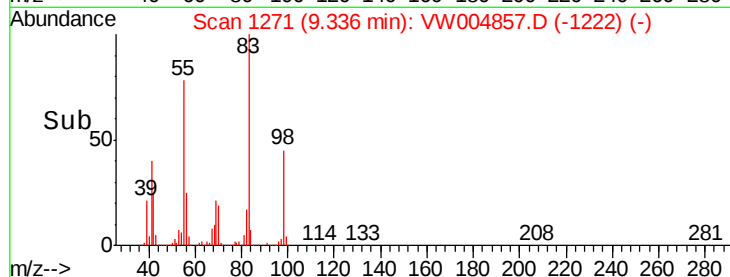
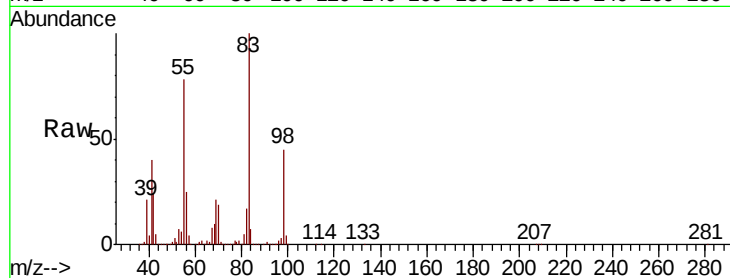
#39
Methvlcvclohexane
Concen: 51.56 ug/l
RT: 9.34 min Scan# 1271
Delta R.T. -0.00 min
Lab File: VW004857.D
Acq: 21 Aug 2018 22:02

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
55	77.8	62.4	93.6
98	44.9	36.5	54.7

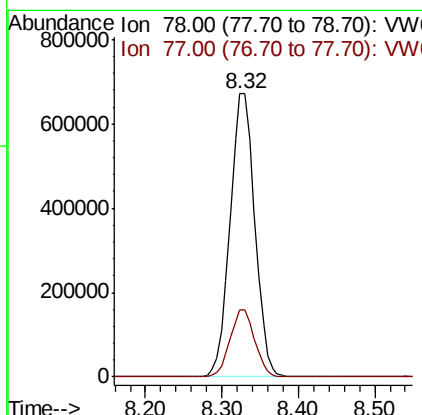
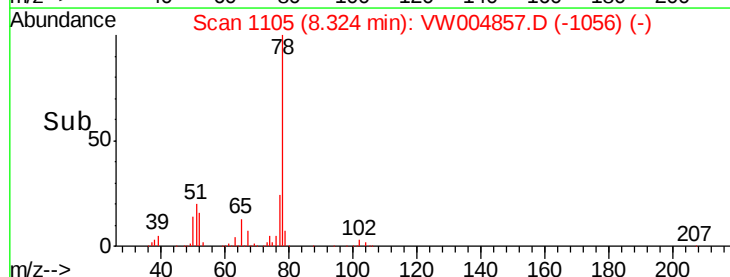
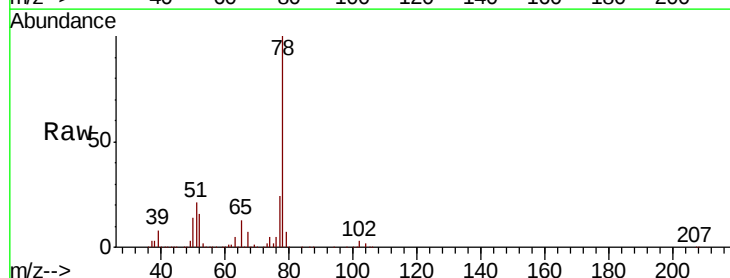
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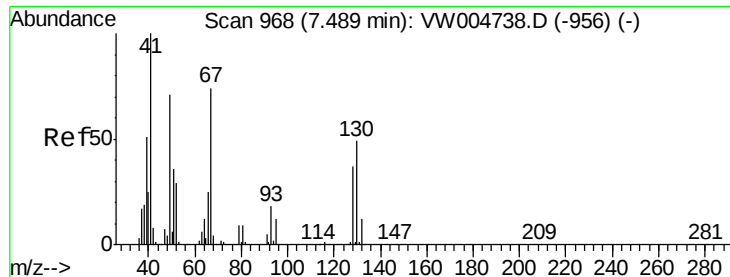
apatel
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#40
Benzene
Concen: 51.34 ug/l
RT: 8.32 min Scan# 1105
Delta R.T. -0.00 min
Lab File: VW004857.D
Acq: 21 Aug 2018 22:02

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.8	19.0	28.6





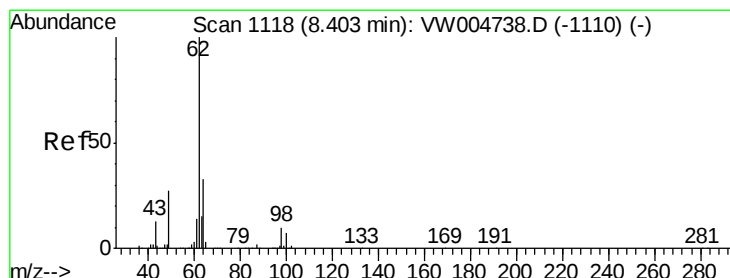
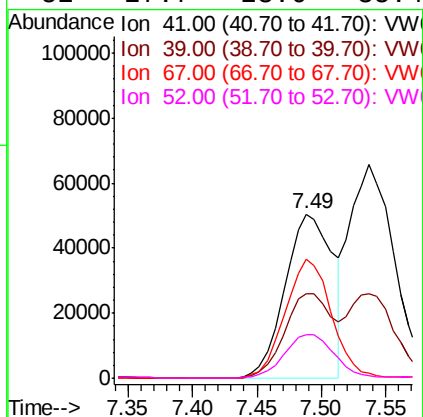
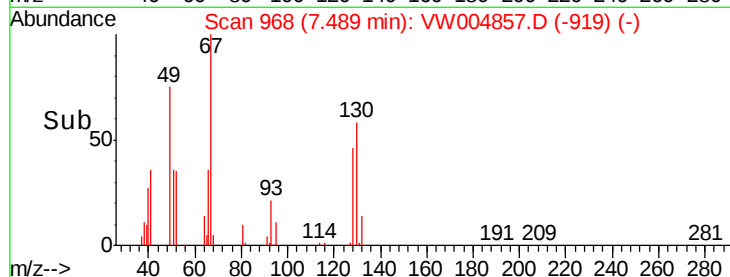
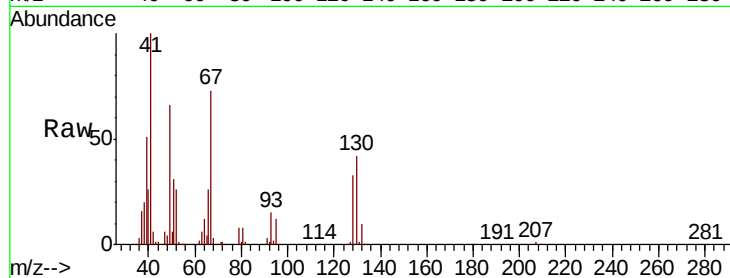
#41
Methacrylonitrile
Concen: 57.11 ug/l
RT: 7.49 min Scan# 968
Delta R.T. -0.00 min
Lab File: VW004857.D
Acq: 21 Aug 2018 22:02

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
41	100		
39	51.0	41.0	61.4
67	70.7	59.5	89.3
52	27.7	23.6	35.4

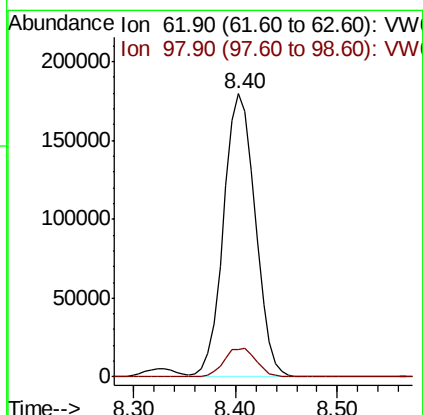
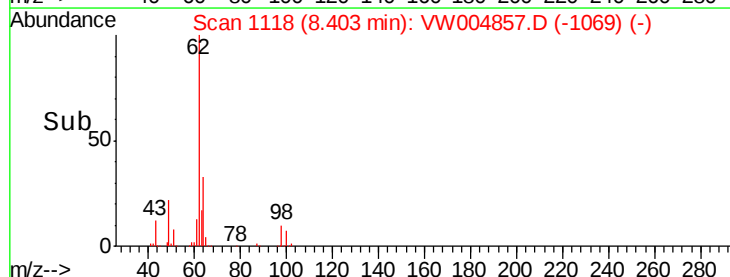
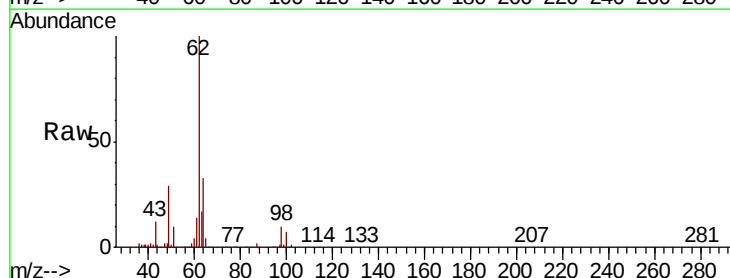
Manual Integrations
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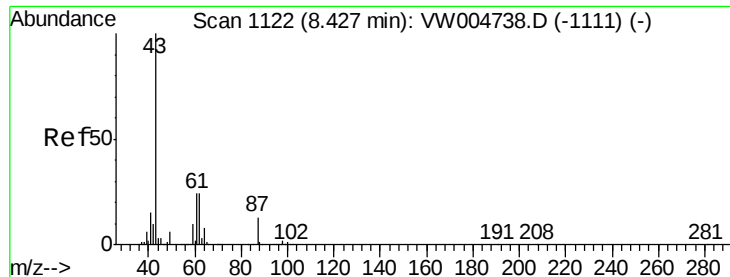
apatel
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#42
1,2-Dichloroethane
Concen: 51.58 ug/l
RT: 8.40 min Scan# 1118
Delta R.T. -0.00 min
Lab File: VW004857.D
Acq: 21 Aug 2018 22:02

Tgt Ion	Ratio	Lower	Upper
62	100		
98	10.3	0.0	20.2





#43

Isopropyl Acetate

Concen: 52.32 ug/l

RT: 8.43 min Scan# 1122

Delta R.T. -0.00 min

Lab File: VW004857.D

Acq: 21 Aug 2018 22:02

Instrument :

MSVOA_W

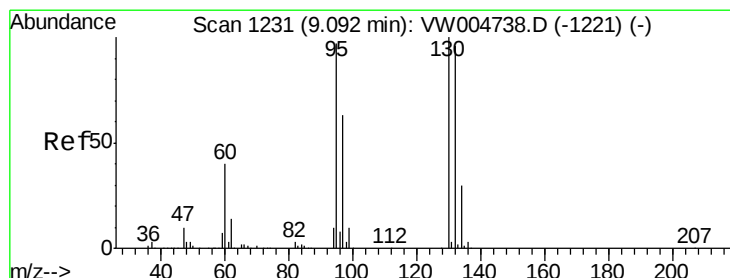
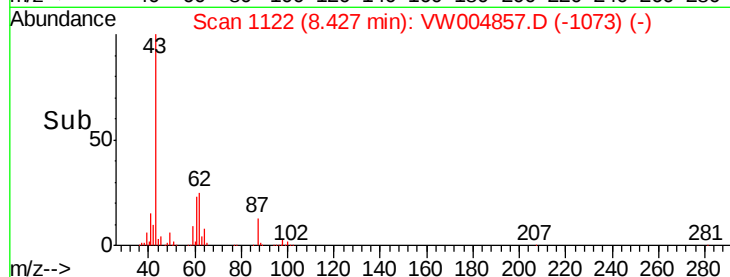
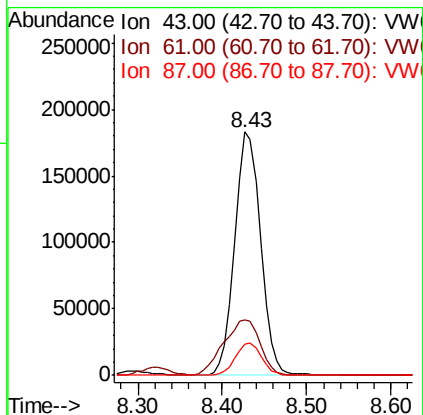
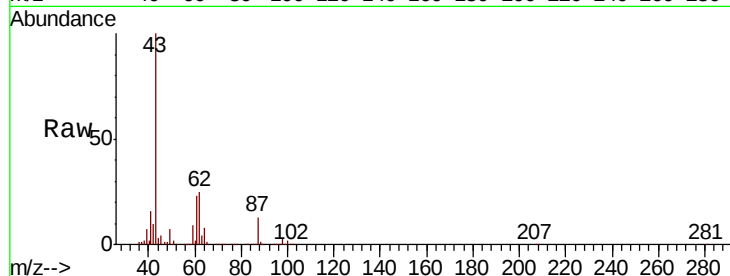
ClientSampleId :

VSTDCCC050EC

Tot Ion:	43	Resp:	376960
Ion	Ratio	Lower	Upper
43	100		
61	32.5	26.2	39.4
87	13.6	10.9	16.3

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#44

Trichloroethene

Concen: 50.05 ug/l

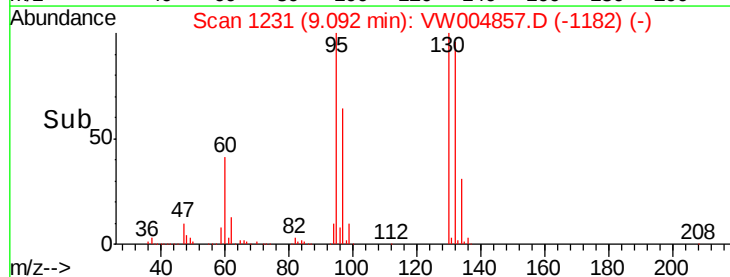
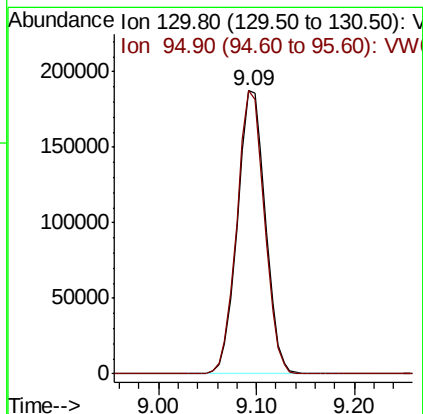
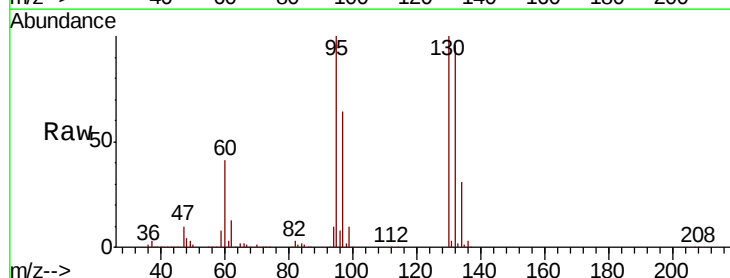
RT: 9.09 min Scan# 1231

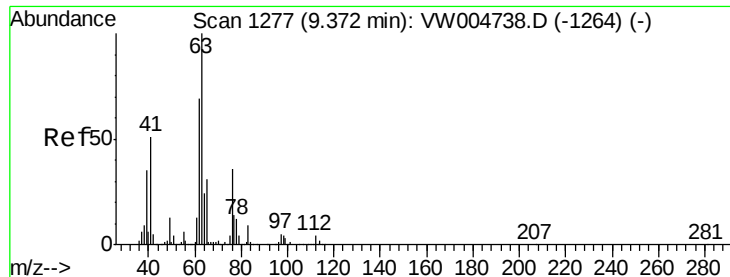
Delta R.T. -0.00 min

Lab File: VW004857.D

Acq: 21 Aug 2018 22:02

Tgt Ion:	130	Resp:	371523
Ion	Ratio	Lower	Upper
130	100		
95	100.0	0.0	194.4





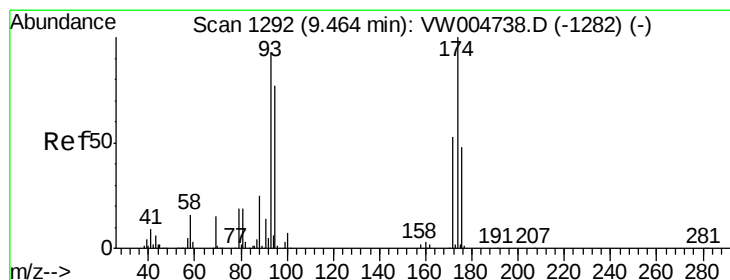
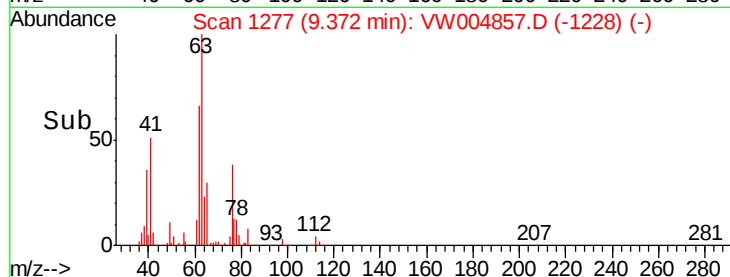
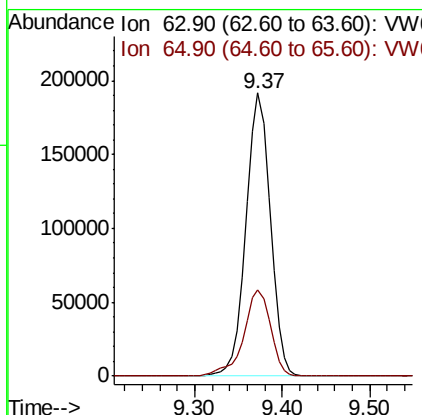
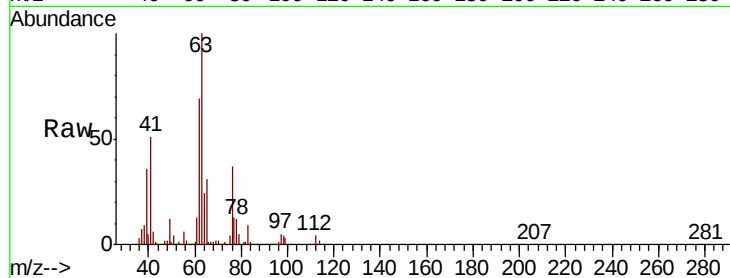
#45
 1,2-Dichloropropane
 Concen: 51.86 ug/l
 RT: 9.37 min Scan# 1277
 Delta R.T. -0.00 min
 Lab File: VW004857.D
 Acq: 21 Aug 2018 22:02

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
63	100		
65	30.6	24.6	37.0

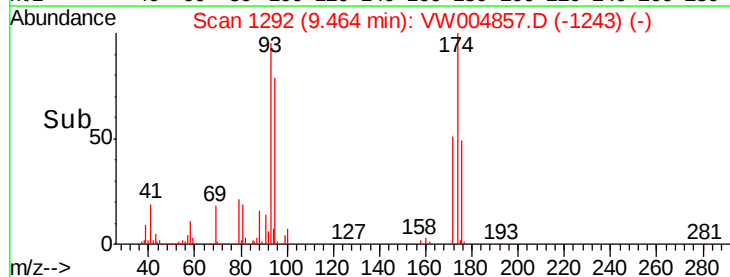
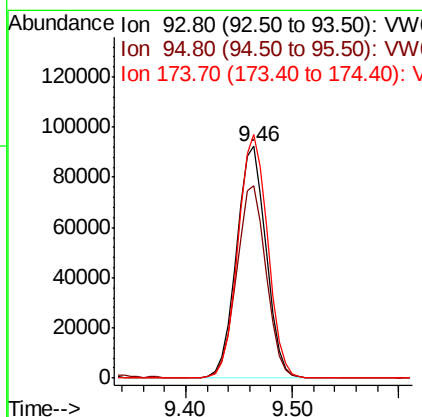
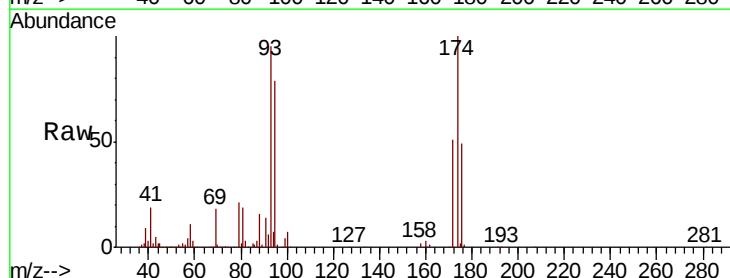
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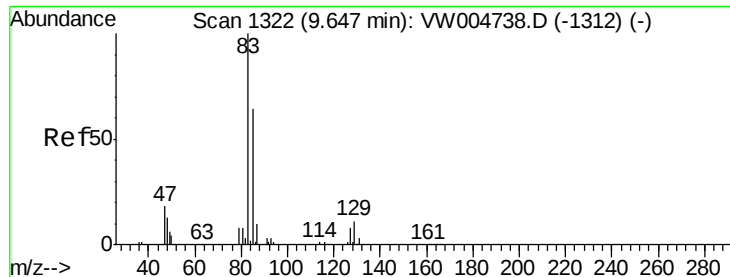
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#46
 Dibromomethane
 Concen: 50.83 ug/l
 RT: 9.46 min Scan# 1292
 Delta R.T. -0.00 min
 Lab File: VW004857.D
 Acq: 21 Aug 2018 22:02

Tgt Ion	Ratio	Lower	Upper
93	100		
95	83.0	66.6	99.8
174	105.3	85.3	127.9





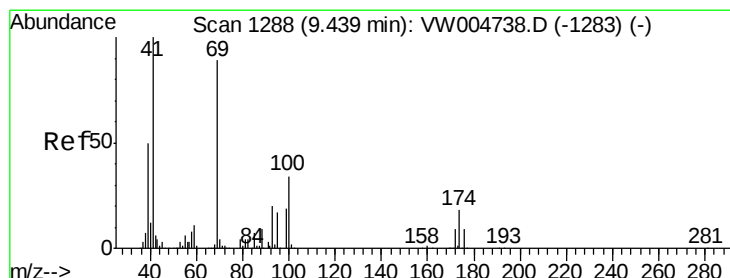
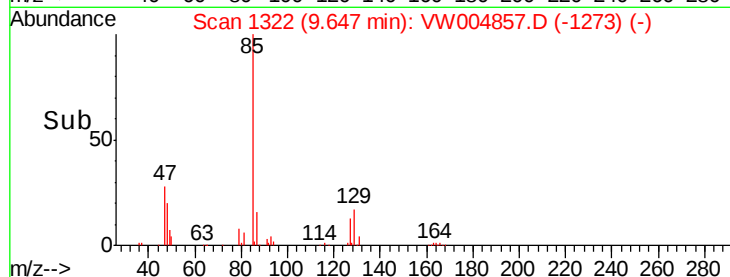
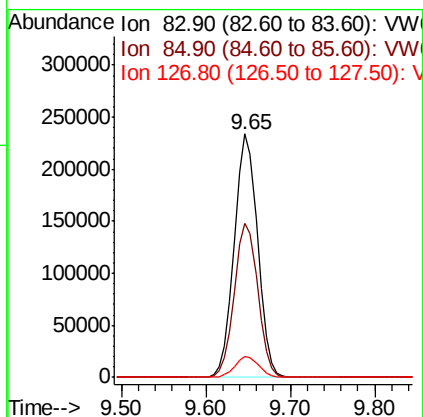
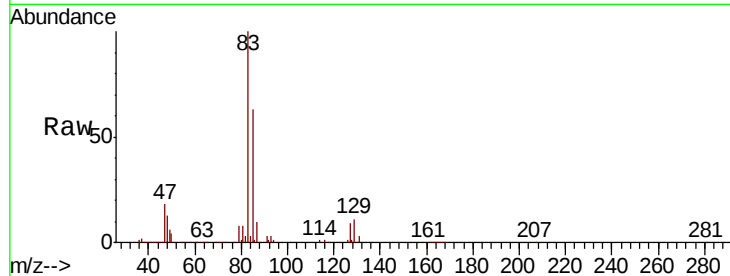
#47
Bromodichloromethane
Concen: 51.54 ug/l
RT: 9.65 min Scan# 1322
Delta R.T. -0.00 min
Lab File: VW004857.D
Acq: 21 Aug 2018 22:02

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
83	100	436121		
85	63.4	51.2	76.8	
127	8.5	6.7	10.1	

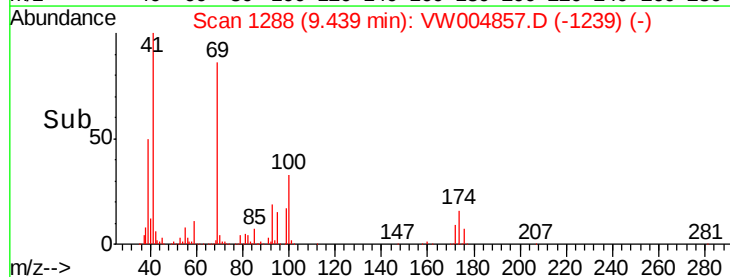
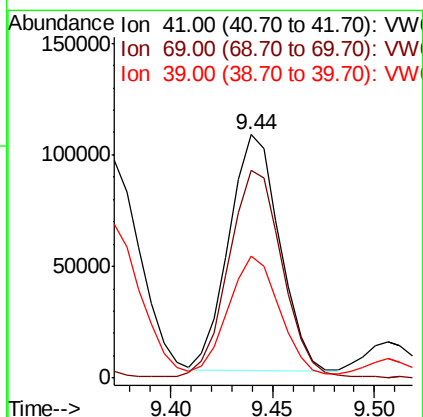
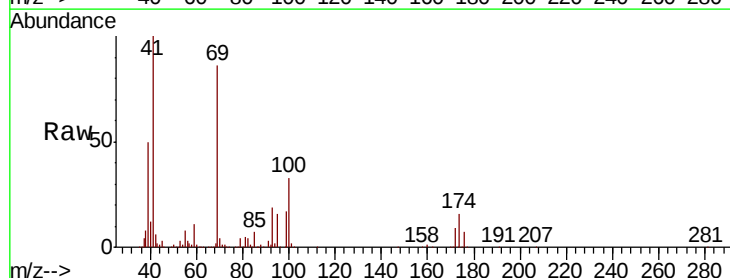
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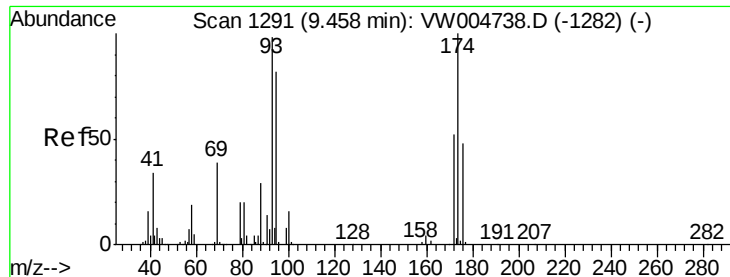
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#48
Methyl methacrylate
Concen: 54.05 ug/l
RT: 9.44 min Scan# 1288
Delta R.T. -0.00 min
Lab File: VW004857.D
Acq: 21 Aug 2018 22:02

Tgt Ion	Ratio	Resp	Lower	Upper
41	100	182721		
69	93.5	75.2	112.8	
39	49.6	39.8	59.6	





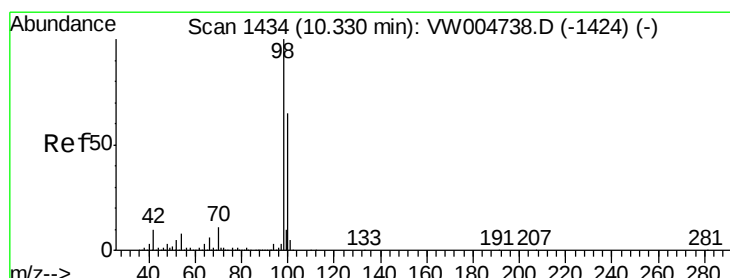
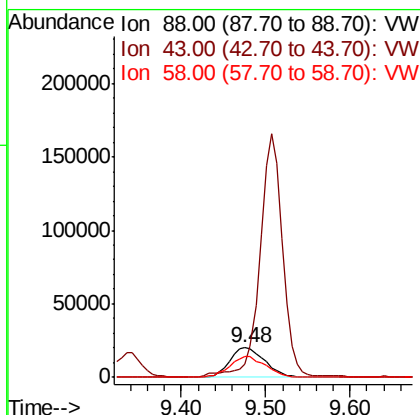
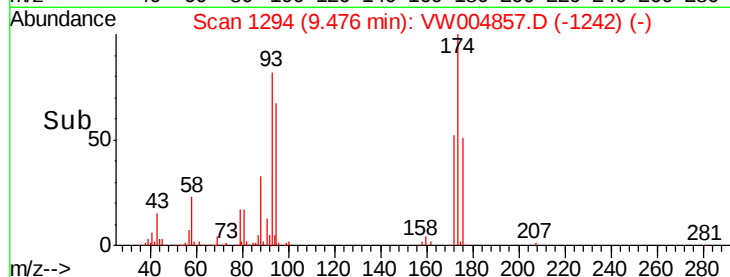
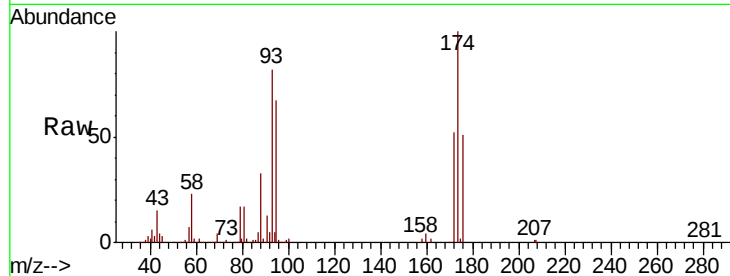
#49
1,4-Dioxane
Concen: 1095.60 ug/l
RT: 9.48 min Scan# 1294
Delta R.T. 0.02 min
Lab File: VW004857.D
Acq: 21 Aug 2018 22:02

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
88	100		
43	0.0	22.9	34.3#
58	73.5	60.0	90.0

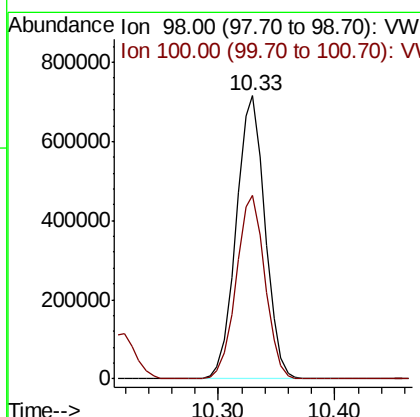
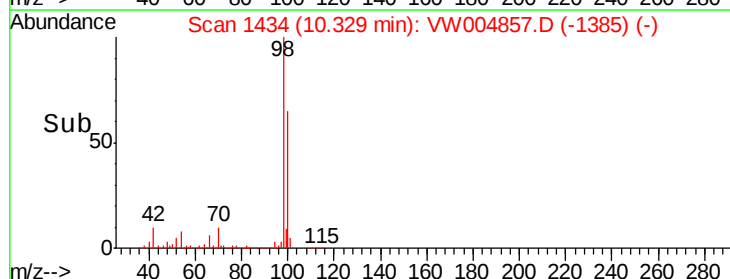
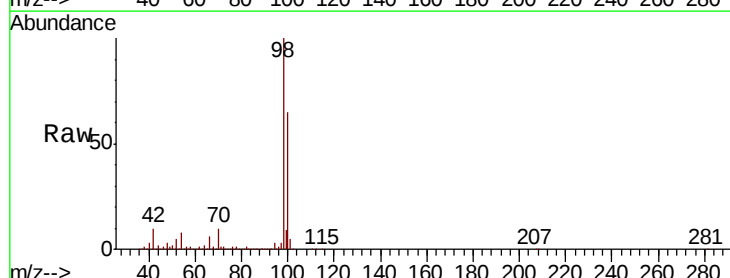
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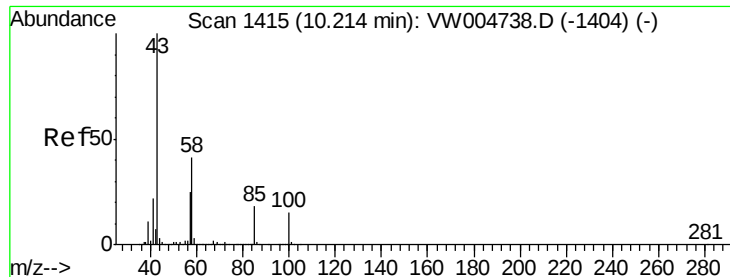
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#50
Toluene-d8
Concen: 50.62 ug/l
RT: 10.33 min Scan# 1434
Delta R.T. -0.00 min
Lab File: VW004857.D
Acq: 21 Aug 2018 22:02

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.8	51.8	77.8





#51

4-Methyl-2-Pentanone

Concen: 266.61 ug/l

RT: 10.21 min Scan# 1415

Delta R.T. -0.00 min

Lab File: VW004857.D

Acq: 21 Aug 2018 22:02

Instrument :

MSVOA_W

ClientSampled :

VSTDCCC050EC

Tot Ion: 43 Resp: 1298141

Ion Ratio Lower Upper

43 100

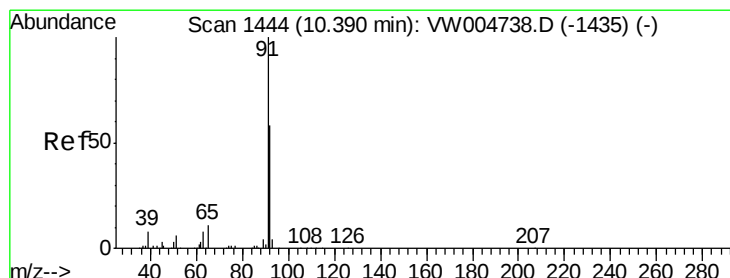
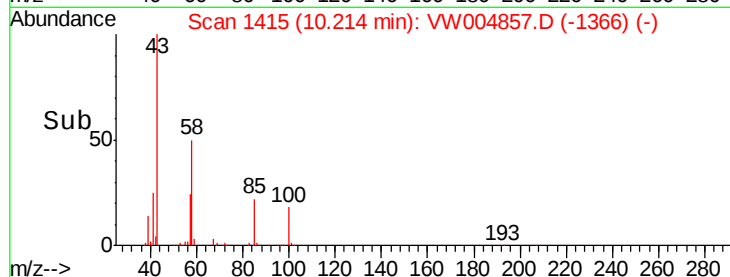
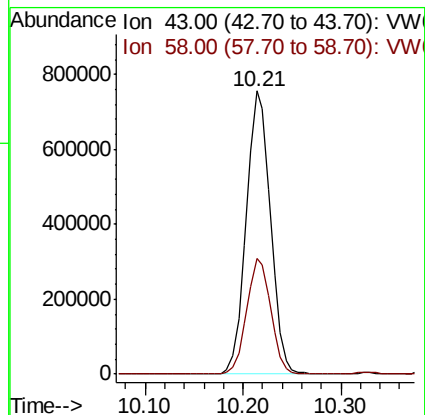
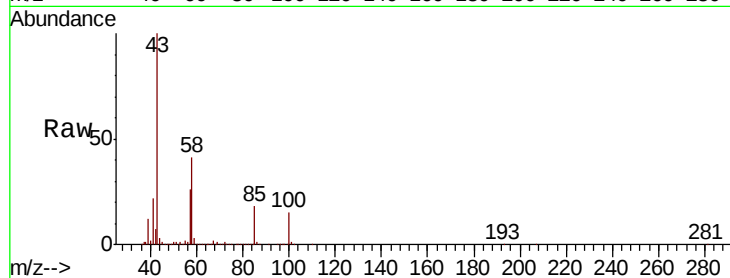
58 40.7 32.7 49.1

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#52

Toluene

Concen: 52.25 ug/l

RT: 10.39 min Scan# 1444

Delta R.T. -0.00 min

Lab File: VW004857.D

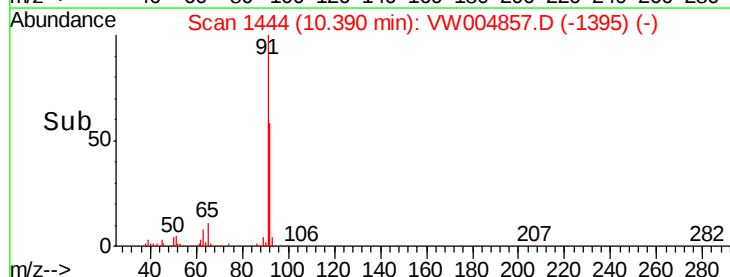
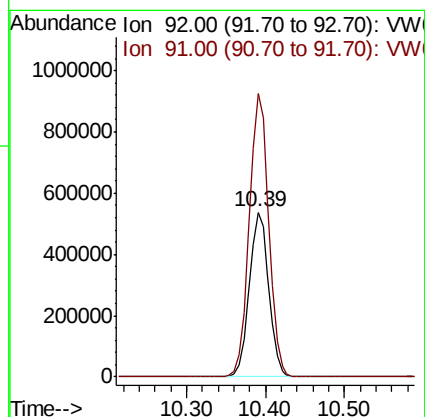
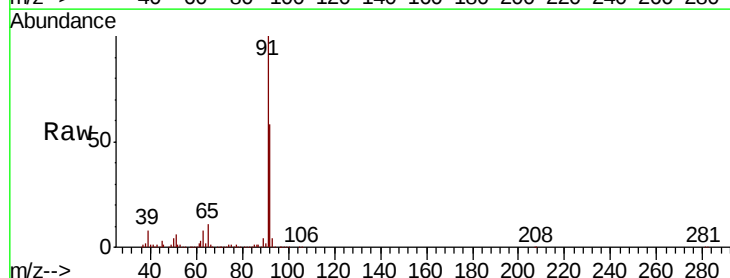
Acq: 21 Aug 2018 22:02

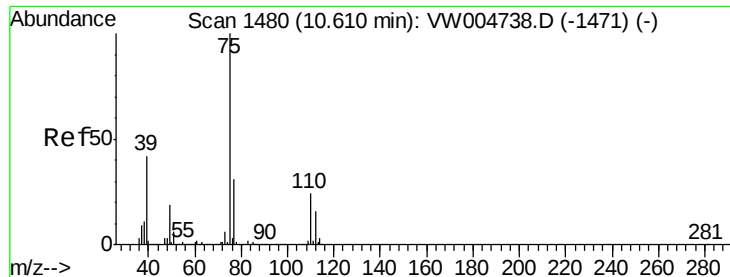
Tgt Ion: 92 Resp: 916338

Ion Ratio Lower Upper

92 100

91 172.5 138.3 207.5





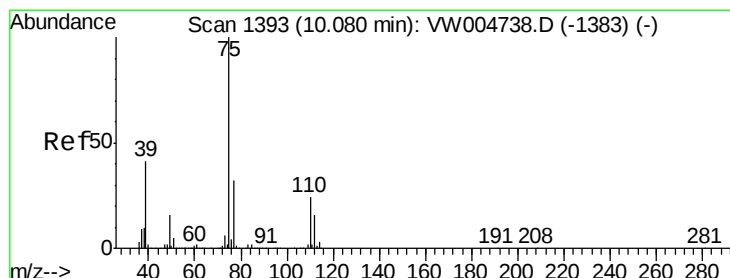
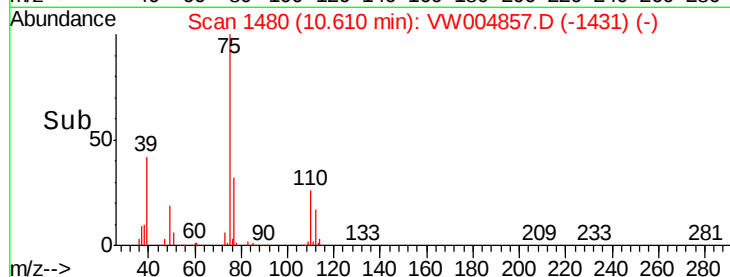
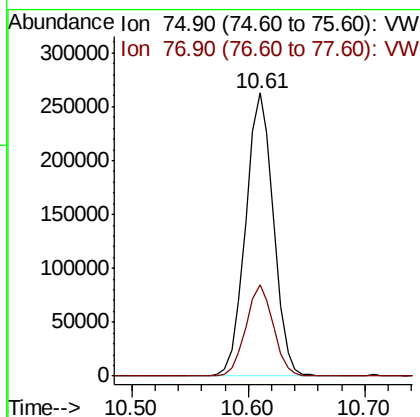
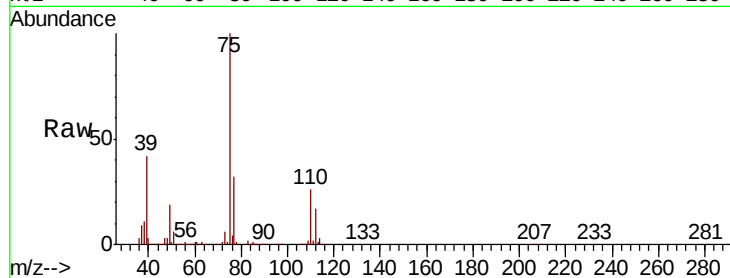
#53
t-1,3-Dichloropropene
Concen: 51.36 ug/l
RT: 10.61 min Scan# 1480
Delta R.T. -0.00 min
Lab File: VW004857.D
Acq: 21 Aug 2018 22:02

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
77	32.3	24.8	37.2

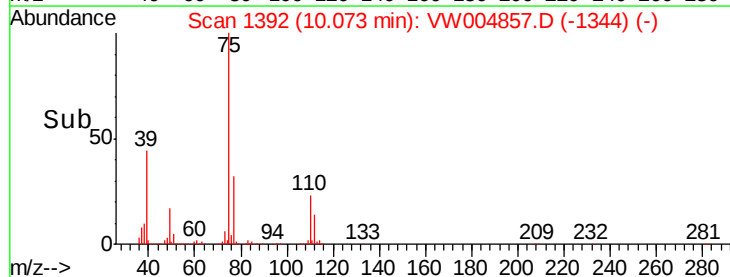
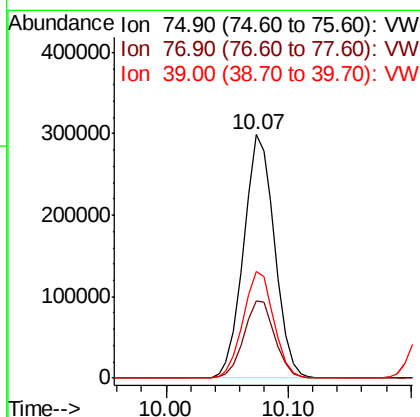
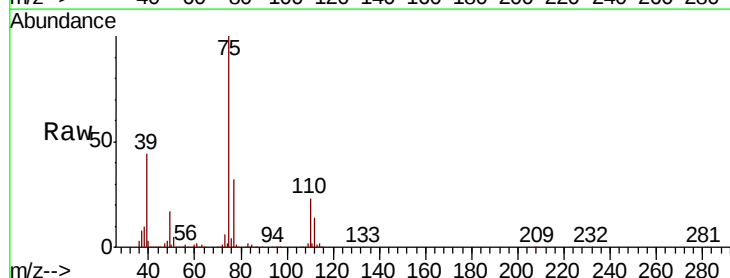
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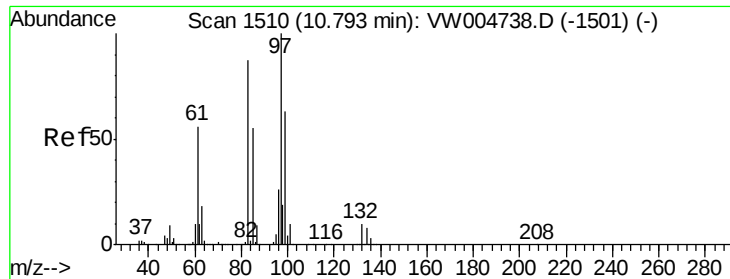
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#54
cis-1,3-Dichloropropene
Concen: 51.57 ug/l
RT: 10.07 min Scan# 1392
Delta R.T. -0.01 min
Lab File: VW004857.D
Acq: 21 Aug 2018 22:02

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.8	25.6	38.4
39	43.8	33.0	49.4





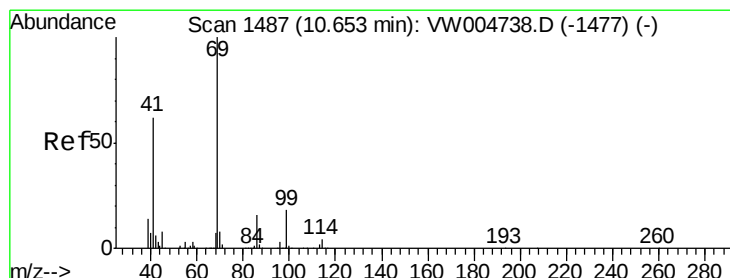
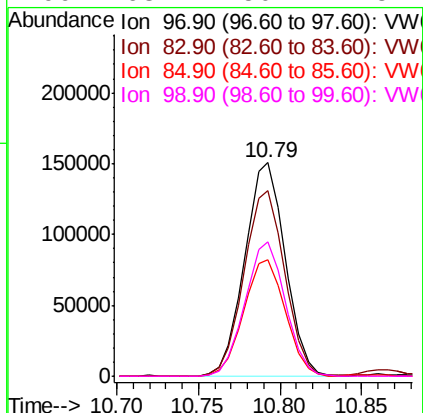
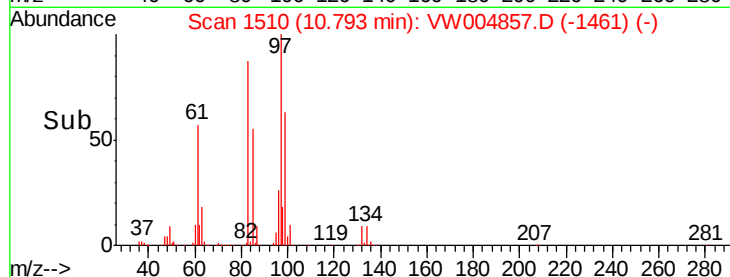
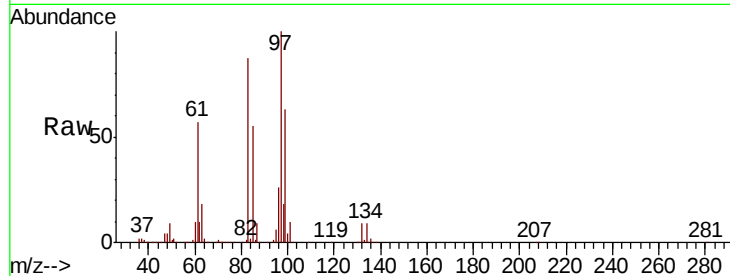
#55
 1,1,2-Trichloroethane
 Concen: 51.78 ug/l
 RT: 10.79 min Scan# 1510
 Delta R.T. -0.00 min
 Lab File: VW004857.D
 Acq: 21 Aug 2018 22:02

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		260812		
83	87.0	69.4	104.2		
85	54.6	44.3	66.5		
99	63.2	50.2	75.2		

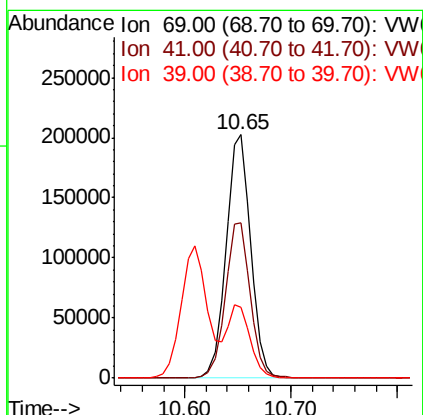
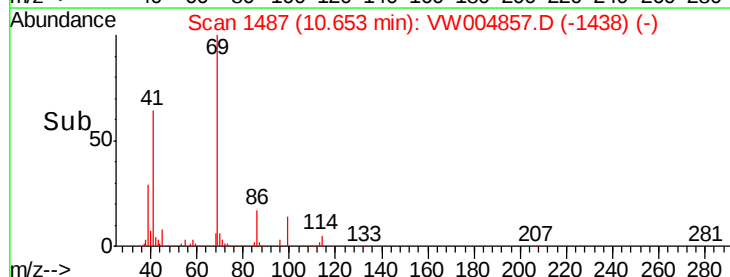
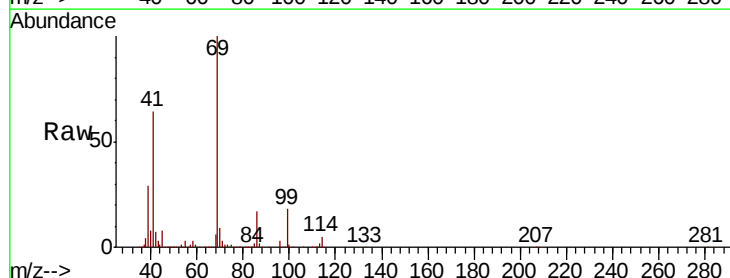
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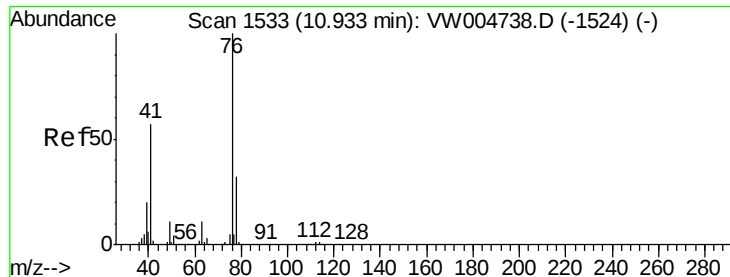
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#56
 Ethyl methacrylate
 Concen: 49.65 ug/l
 RT: 10.65 min Scan# 1487
 Delta R.T. 0.00 min
 Lab File: VW004857.D
 Acq: 21 Aug 2018 22:02

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		326559		
41	64.7	50.7	76.1		
39	26.9	21.4	32.2		





#57

1,3-Dichloropropane

Concen: 52.14 ug/l

RT: 10.93 min Scan# 1533

Delta R.T. -0.00 min

Lab File: VW004857.D

Acq: 21 Aug 2018 22:02

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 453308

Ion Ratio Lower Upper

76 100

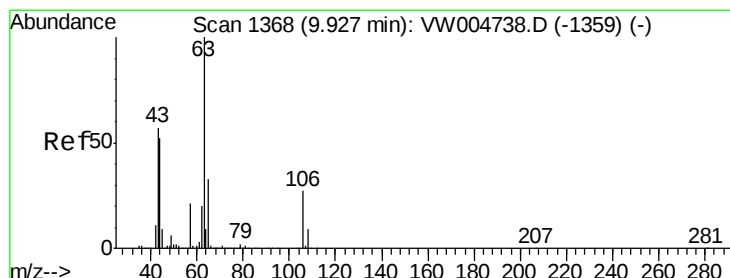
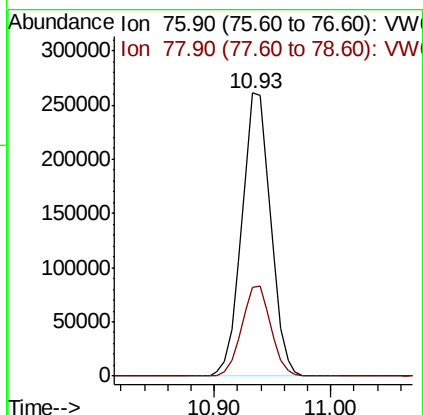
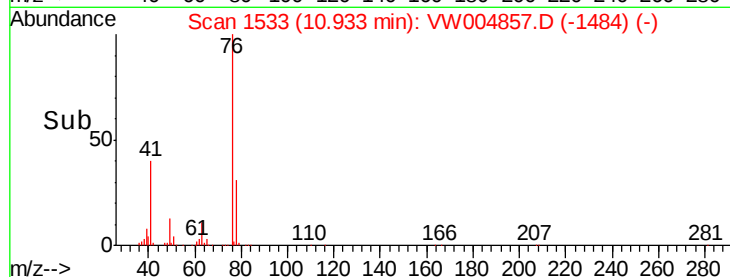
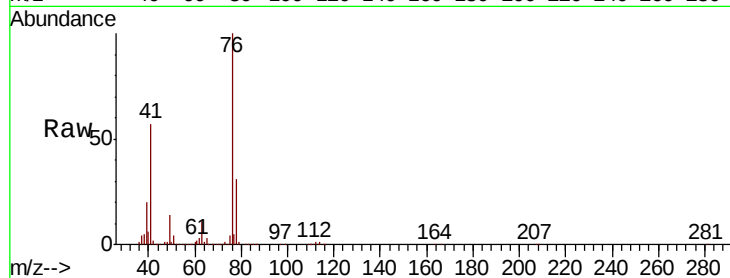
78 32.0 25.9 38.9

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#58

2-Chloroethyl Vinyl ether

Concen: 278.47 ug/l

RT: 9.93 min Scan# 1368

Delta R.T. -0.00 min

Lab File: VW004857.D

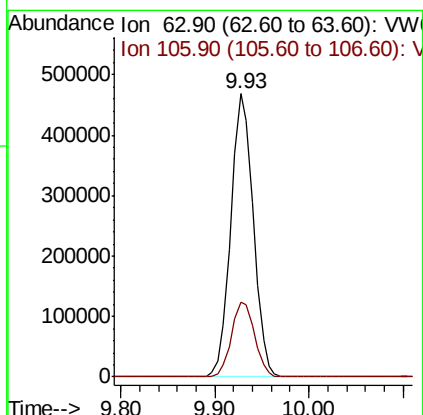
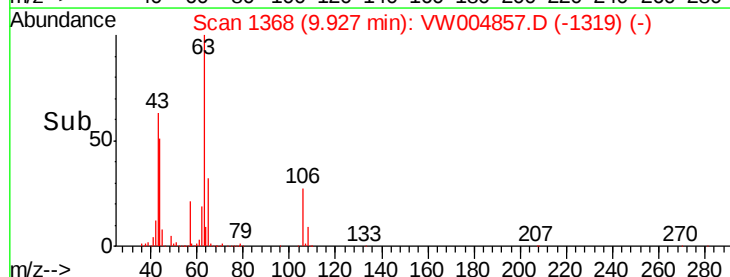
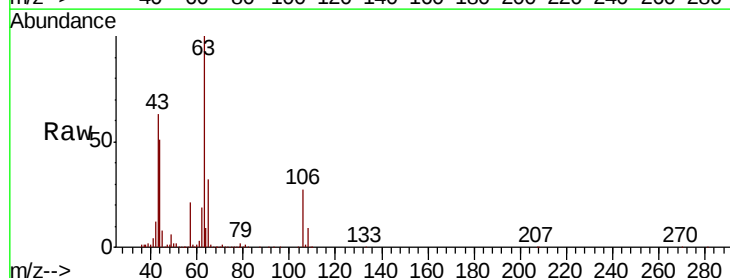
Acq: 21 Aug 2018 22:02

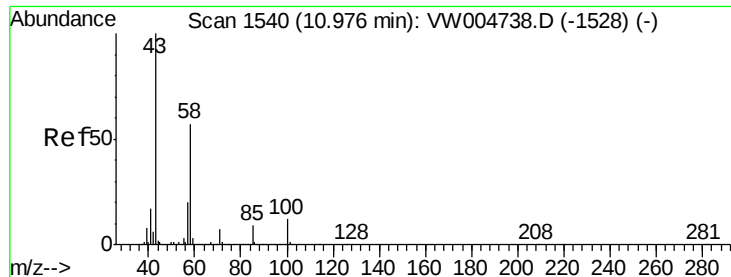
Tgt Ion: 63 Resp: 774617

Ion Ratio Lower Upper

63 100

106 27.4 22.1 33.1





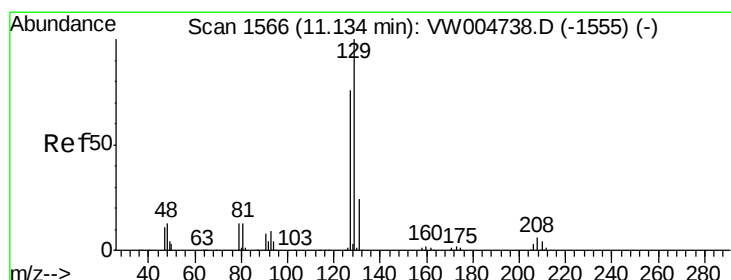
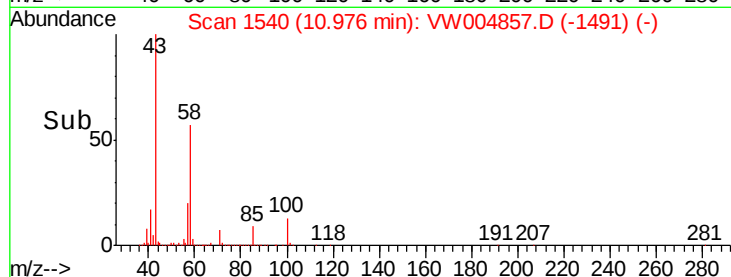
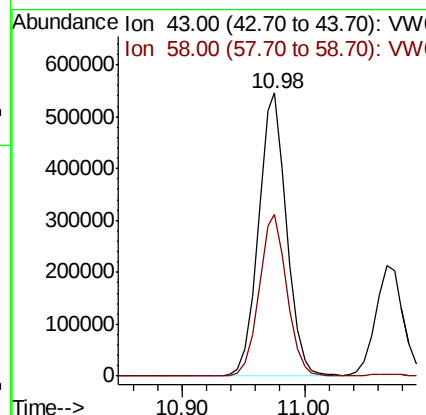
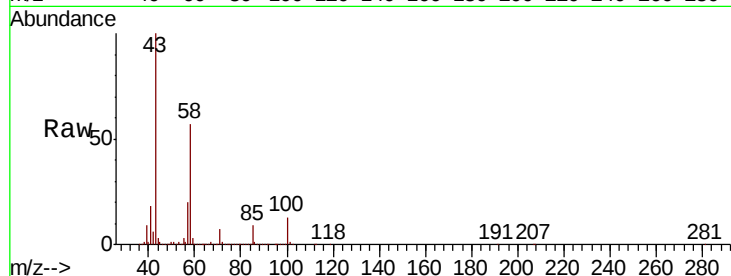
#59
2-Hexanone
Concen: 263.16 ug/l
RT: 10.98 min Scan# 1540
Delta R.T. -0.00 min
Lab File: VW004857.D
Acq: 21 Aug 2018 22:02

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
58	56.5	28.1	84.4

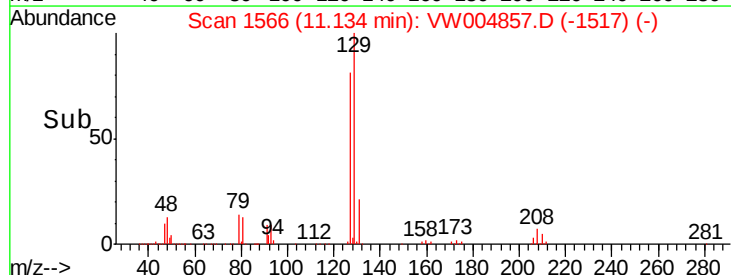
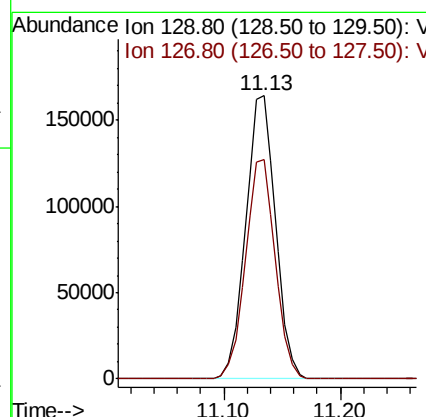
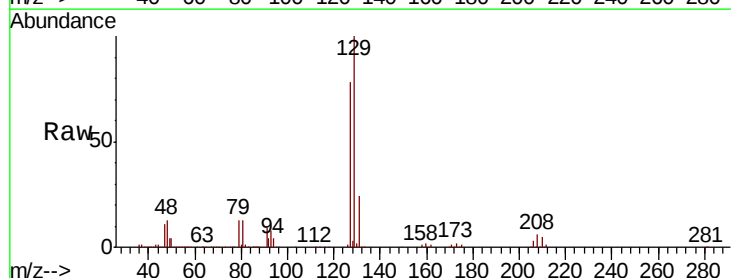
Manual Integrations
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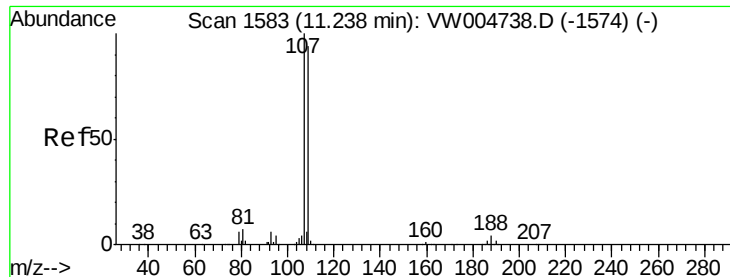
apatel
8/22/2018 11:25:26 AM



#60
Dibromochloromethane
Concen: 51.86 ug/l
RT: 11.13 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VW004857.D
Acq: 21 Aug 2018 22:02

Tgt Ion	Ratio	Lower	Upper
129	100		
127	77.1	38.5	115.5





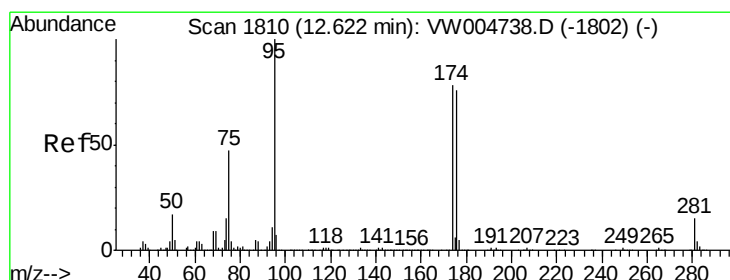
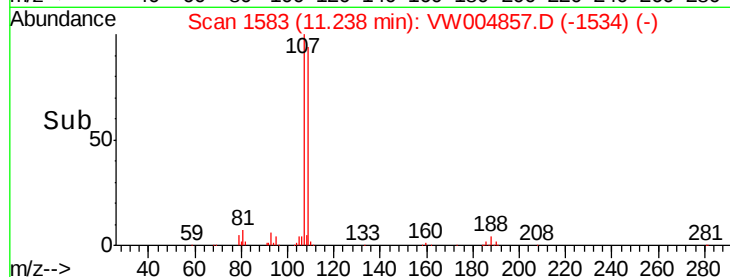
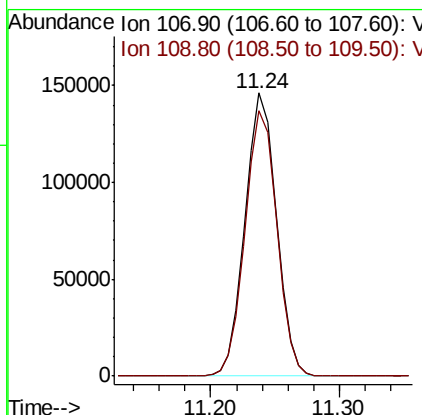
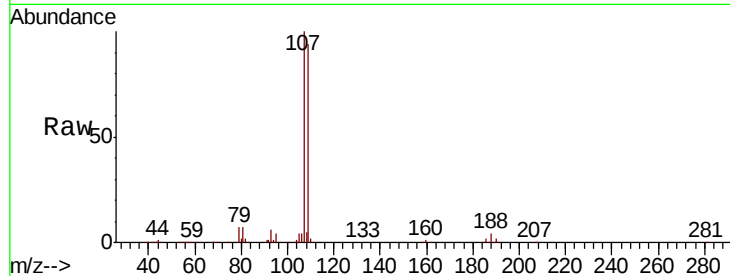
#61
 1,2-Dibromoethane
 Concen: 51.24 ug/l
 RT: 11.24 min Scan# 1583
 Delta R.T. -0.00 min
 Lab File: VW004857.D
 Acq: 21 Aug 2018 22:02

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
107	100		
109	95.0	75.5	113.3

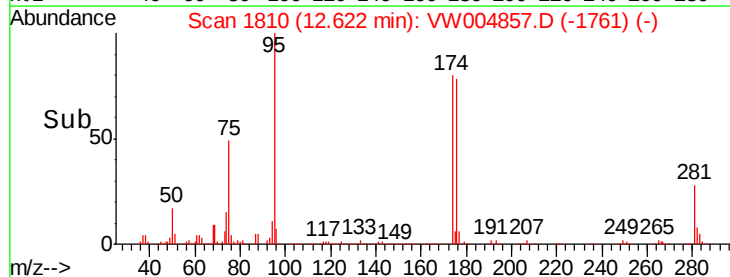
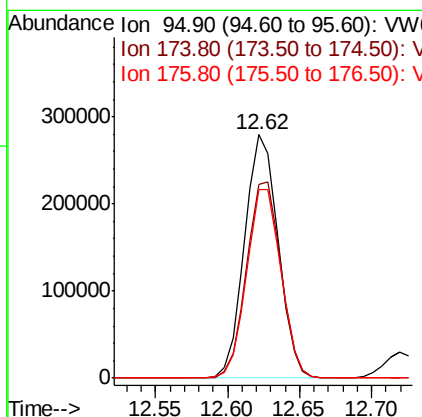
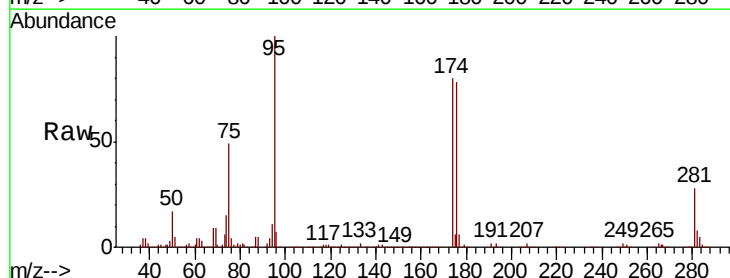
Manual Integrations
 APPROVED

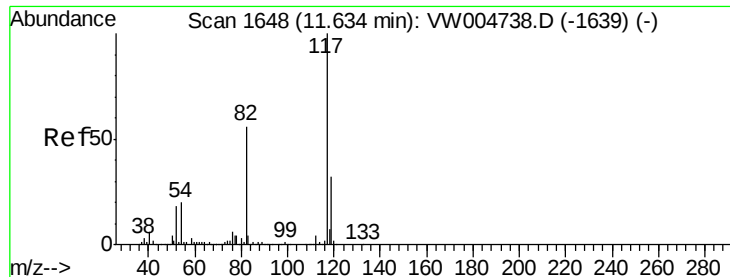
apatel
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#62
 4-Bromofluorobenzene
 Concen: 51.34 ug/l
 RT: 12.62 min Scan# 1810
 Delta R.T. -0.00 min
 Lab File: VW004857.D
 Acq: 21 Aug 2018 22:02

Tgt Ion	Ratio	Lower	Upper
95	100		
174	82.5	0.0	165.8
176	79.5	0.0	159.8





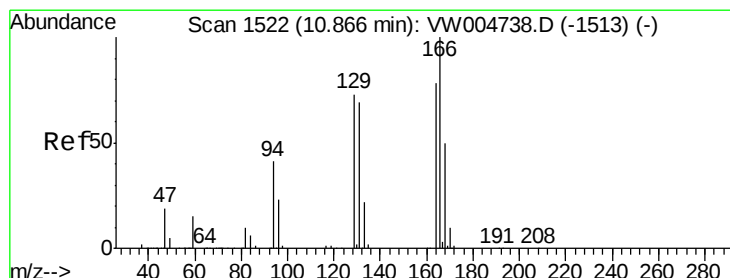
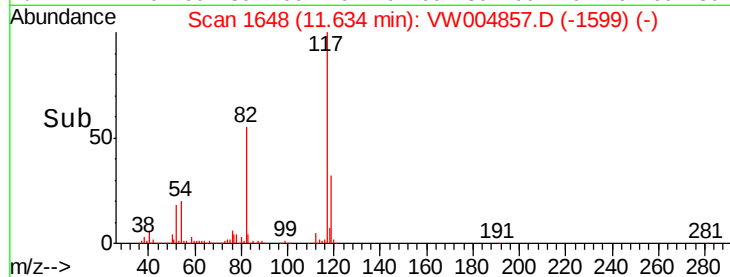
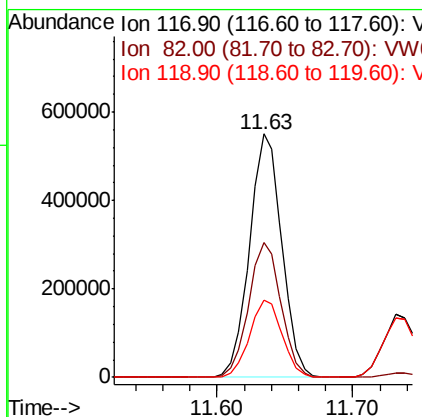
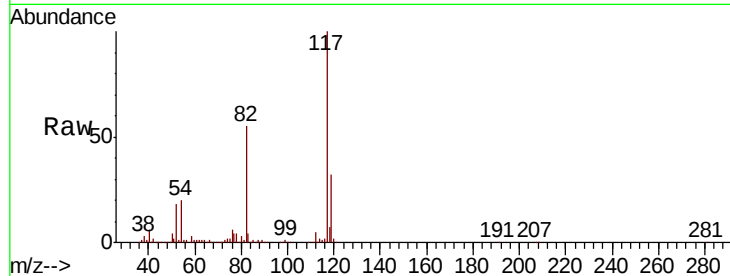
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. -0.00 min
Lab File: VW004857.D
Acq: 21 Aug 2018 22:02

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	55.3	44.6	67.0
119	31.8	25.6	38.4

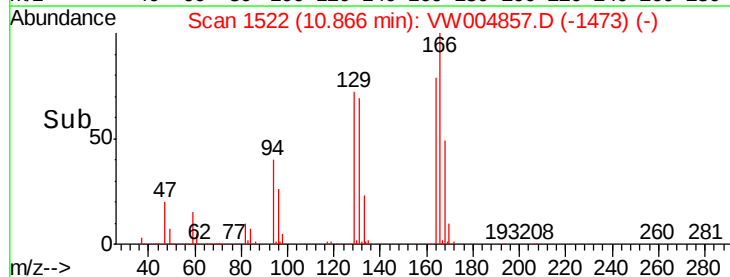
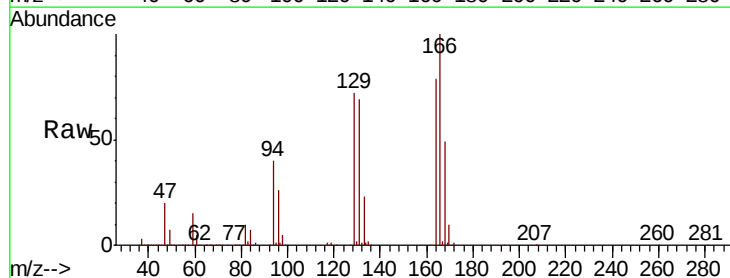
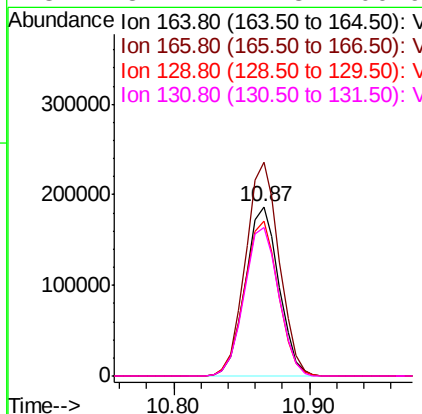
Manual Integrations
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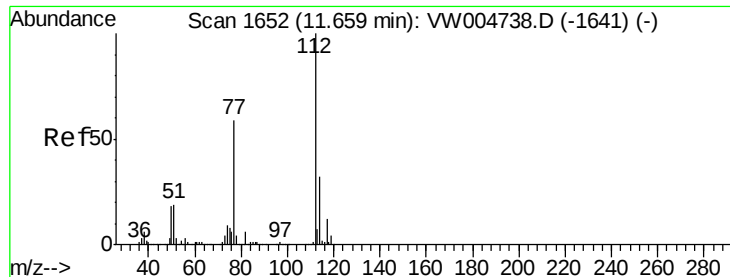
apatel
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#64
Tetrachloroethene
Concen: 51.68 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. -0.00 min
Lab File: VW004857.D
Acq: 21 Aug 2018 22:02

Tgt Ion	Ratio	Lower	Upper
164	100		
166	126.1	102.5	153.7
129	91.2	75.1	112.7
131	87.4	71.3	106.9





#65

Chlorobenzene

Concen: 50.94 ug/l

RT: 11.66 min Scan# 1652

Delta R.T. -0.00 min

Lab File: VW004857.D

Acq: 21 Aug 2018 22:02

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion:112 Resp: 1003408

Ion Ratio Lower Upper

112 100

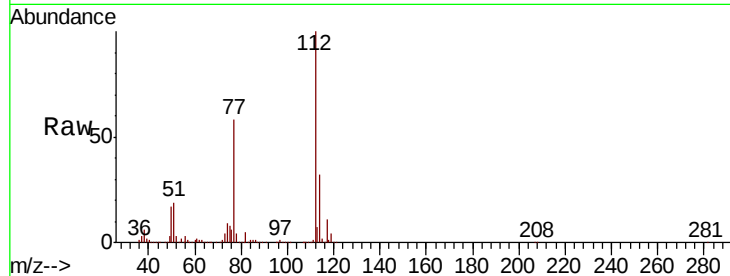
114 31.5 25.4 38.2

Manual Integrations

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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

600000

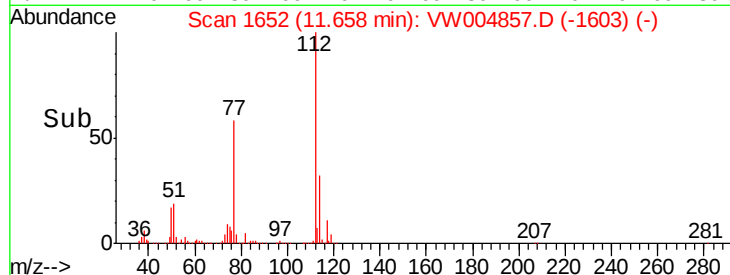
400000

200000

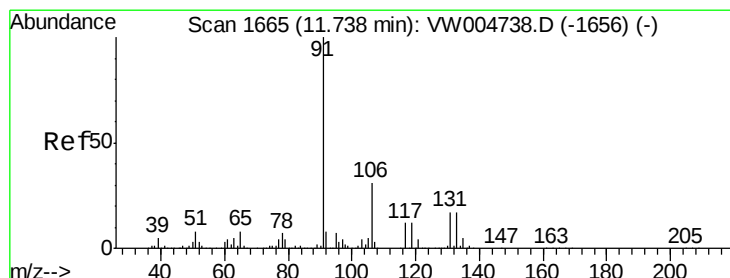
0

11.66

11.60 11.70 11.80



Time-->



#66

1,1,1,2-Tetrachloroethane

Concen: 51.54 ug/l

RT: 11.73 min Scan# 1664

Delta R.T. -0.01 min

Lab File: VW004857.D

Acq: 21 Aug 2018 22:02

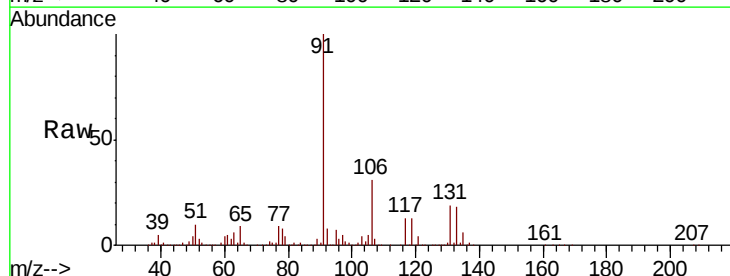
Tgt Ion:131 Resp: 342739

Ion Ratio Lower Upper

131 100

133 94.3 48.2 144.6

119 67.3 34.0 102.0



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

250000

200000

150000

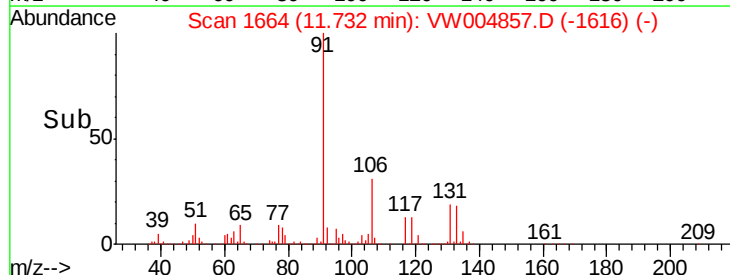
100000

50000

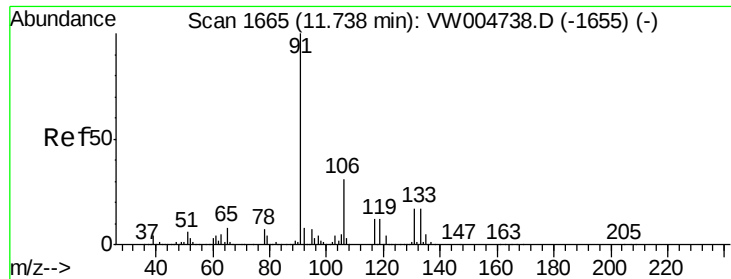
0

11.73

11.70 11.80



Time-->



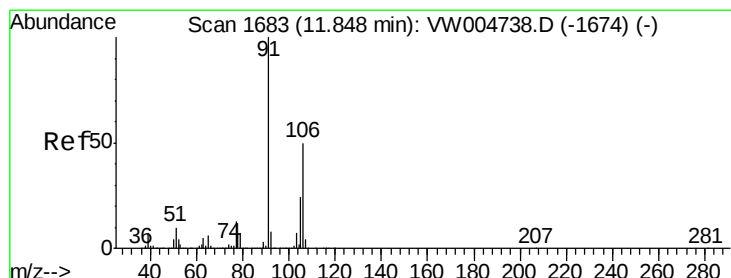
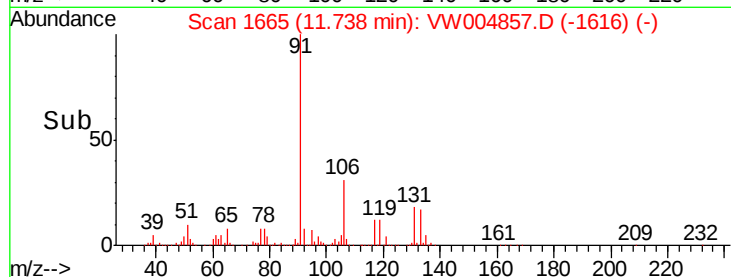
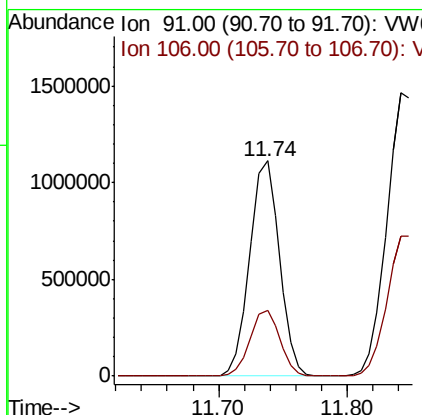
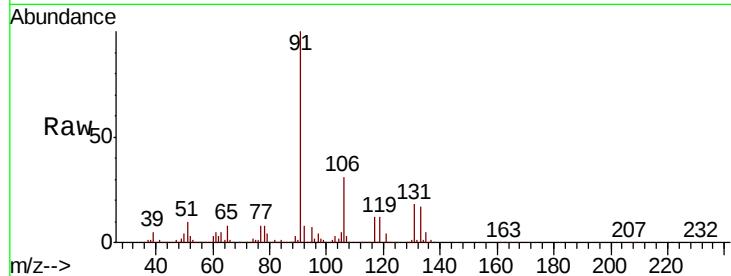
#67
Ethyl Benzene
Concen: 52.97 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. -0.00 min
Lab File: VW004857.D
Acq: 21 Aug 2018 22:02

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 1768808
Ion Ratio Lower Upper
91 100
106 30.5 24.9 37.3

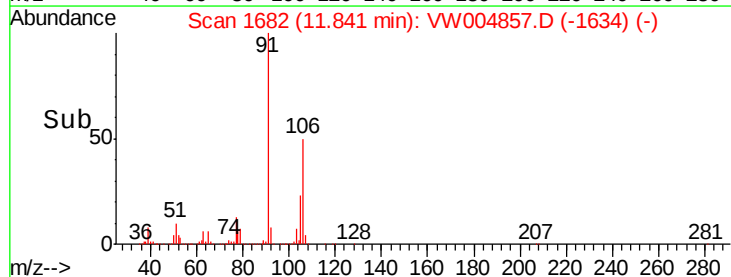
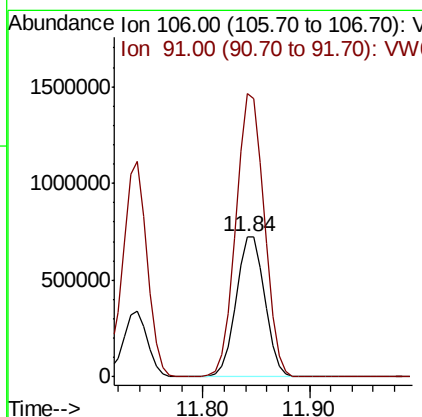
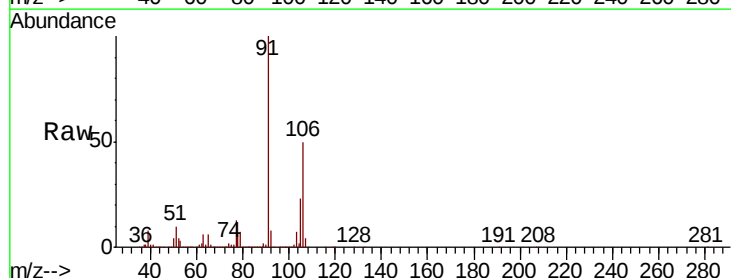
Manual Integrations
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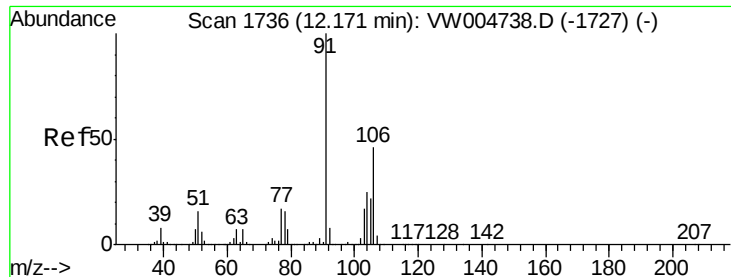
apatel
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#68
m/p-Xylenes
Concen: 105.97 ug/l
RT: 11.84 min Scan# 1682
Delta R.T. -0.01 min
Lab File: VW004857.D
Acq: 21 Aug 2018 22:02

Tgt Ion: 106 Resp: 1376676
Ion Ratio Lower Upper
106 100
91 199.8 159.9 239.9





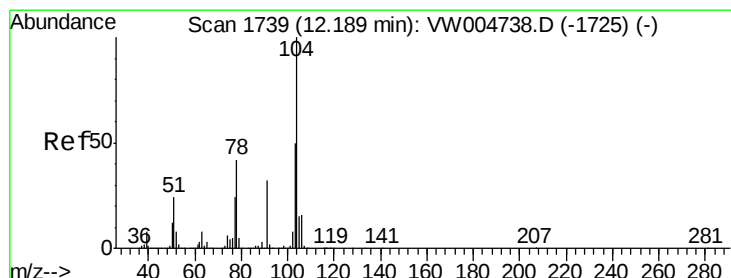
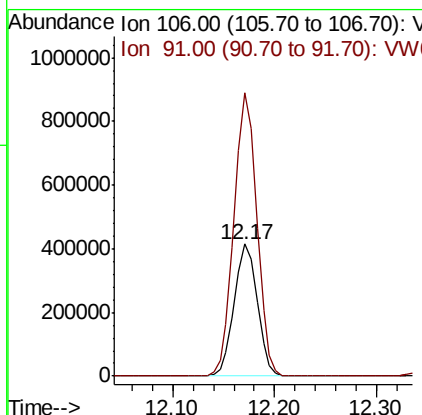
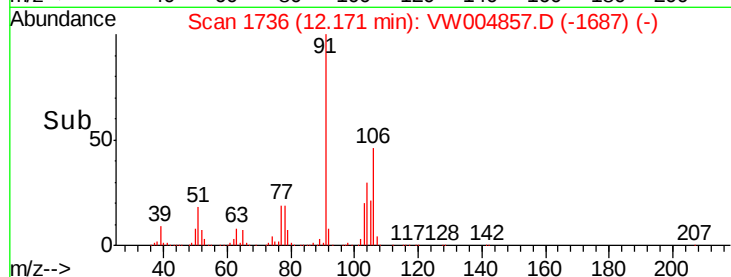
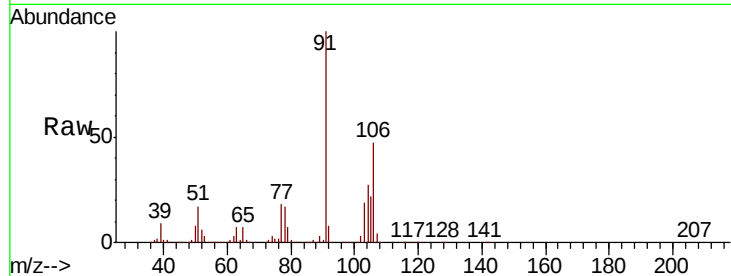
#69
o-Xylene
Concen: 53.77 ug/l
RT: 12.17 min Scan# 1736
Delta R.T. -0.00 min
Lab File: VW004857.D
Acq: 21 Aug 2018 22:02

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Lower	Upper
106	100			
91	213.0	107.3	321.8	

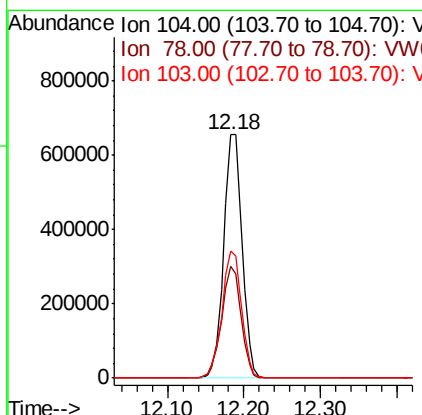
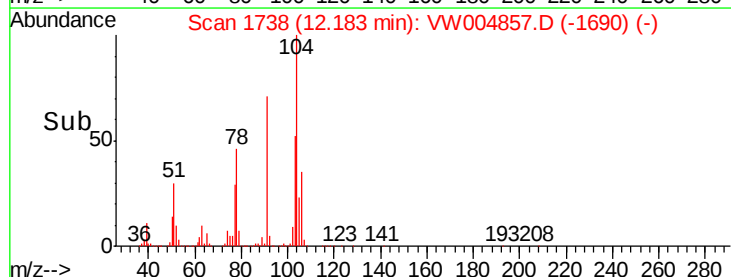
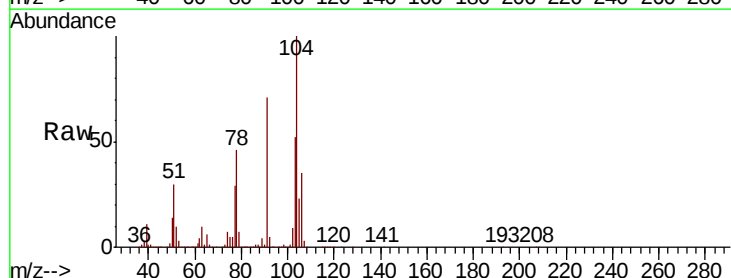
Manual Integrations
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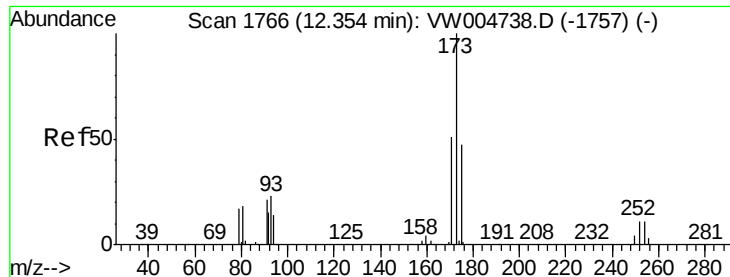
apatel
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#70
Styrene
Concen: 54.31 ug/l
RT: 12.18 min Scan# 1738
Delta R.T. -0.01 min
Lab File: VW004857.D
Acq: 21 Aug 2018 22:02

Tgt Ion	Ion	Ratio	Lower	Upper
104	100			
78	48.2	38.4	57.6	
103	55.2	44.1	66.1	





#71

Bromoform

Concen: 50.37 ug/l

RT: 12.35 min Scan# 1766

Delta R.T. -0.00 min

Lab File: VW004857.D

Acq: 21 Aug 2018 22:02

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion:173 Resp: 176798

Ion Ratio Lower Upper

173 100

175 49.5 23.8 71.4

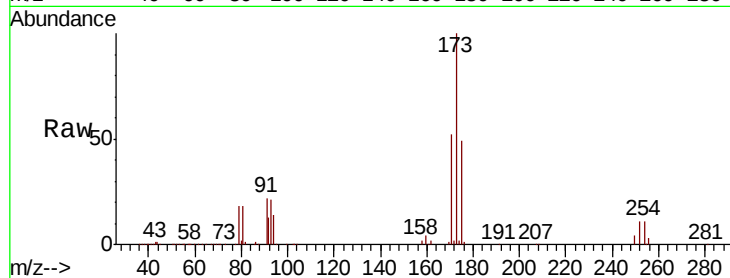
254 0.2 0.1 0.1#

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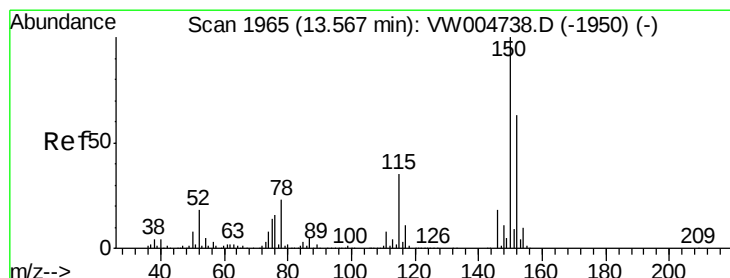
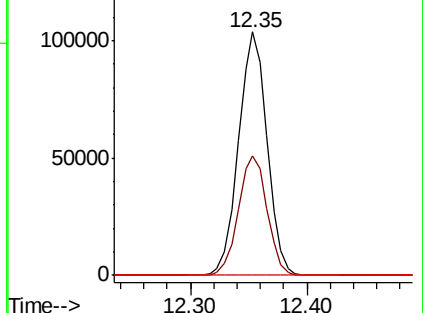
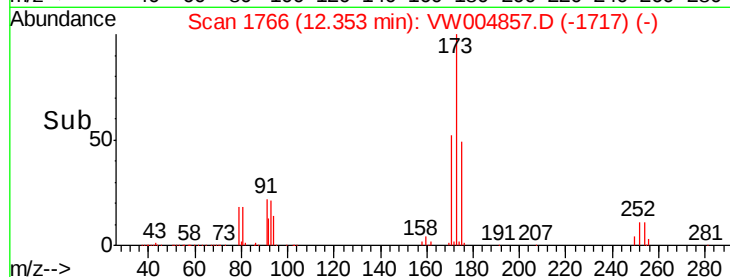
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Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.57 min Scan# 1965

Delta R.T. -0.00 min

Lab File: VW004857.D

Acq: 21 Aug 2018 22:02

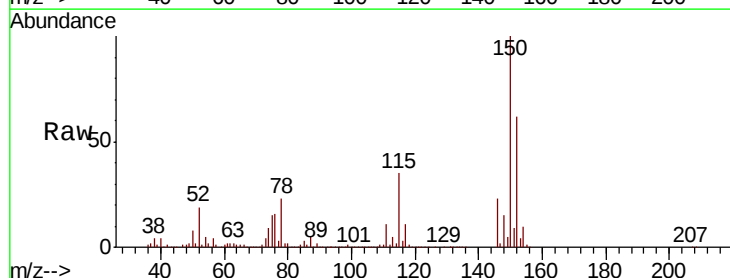
Tgt Ion:152 Resp: 480030

Ion Ratio Lower Upper

152 100

115 57.5 28.5 85.5

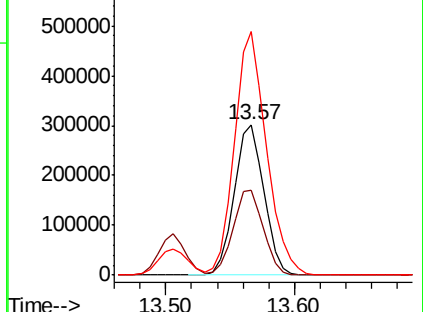
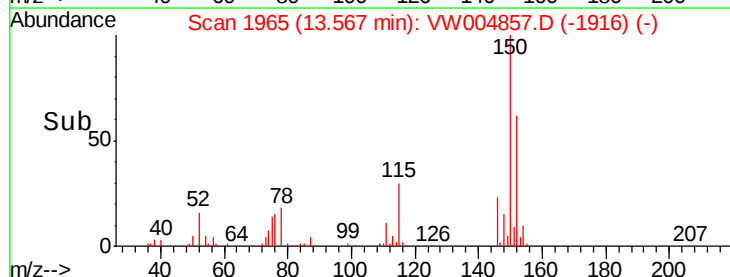
150 175.1 0.0 344.8

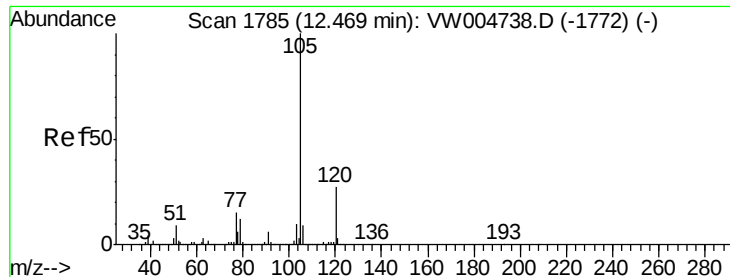


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 54.34 ug/l

RT: 12.47 min Scan# 1785

Delta R.T. -0.00 min

Lab File: VW004857.D

Acq: 21 Aug 2018 22:02

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 1774727

Ion Ratio Lower Upper

105 100

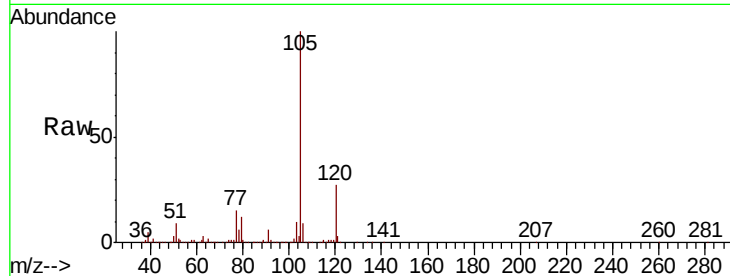
120 26.5 13.3 39.9

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.47

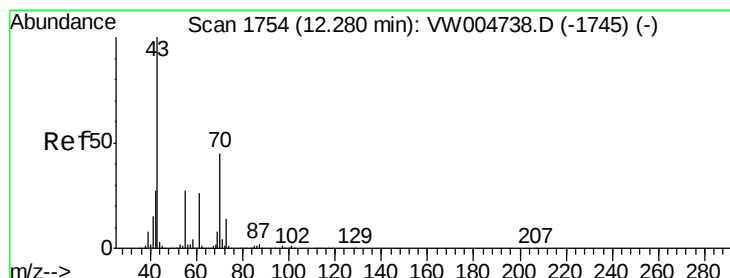
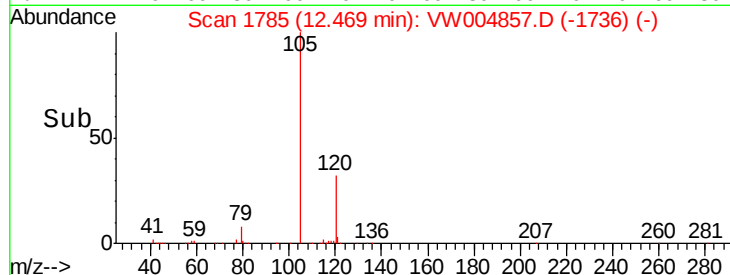
1000000

500000

0

Time-->

12.40 12.50 12.60



#74

N-ethyl acetate

Concen: 48.23 ug/l

RT: 12.28 min Scan# 1754

Delta R.T. 0.00 min

Lab File: VW004857.D

Acq: 21 Aug 2018 22:02

Tgt Ion: 43 Resp: 367710

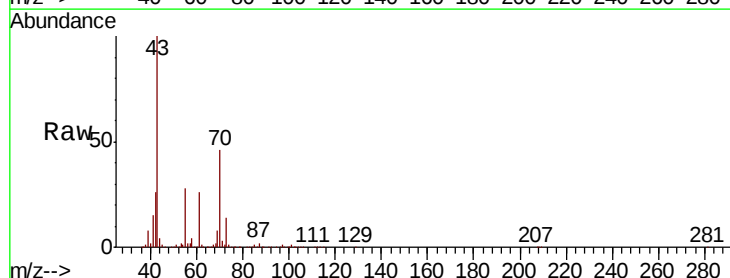
Ion Ratio Lower Upper

43 100

70 44.9 36.3 54.5

55 28.2 22.6 33.8

61 25.4 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

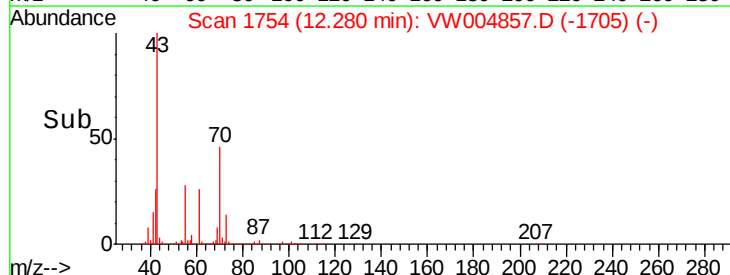
200000

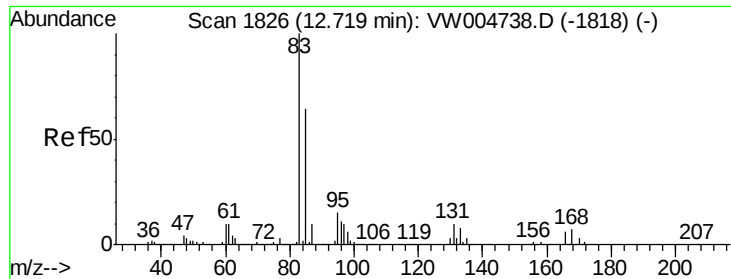
100000

0

Time-->

12.20 12.30 12.40





#75

1,1,2,2-Tetrachloroethane

Concen: 51.91 ug/l

RT: 12.72 min Scan# 1826

Delta R.T. -0.00 min

Lab File: VW004857.D

Acq: 21 Aug 2018 22:02

Instrument :

MSVOA_W

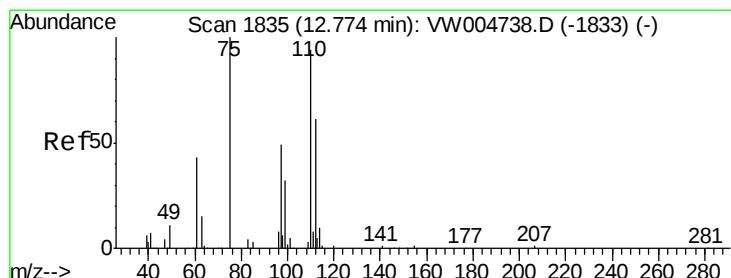
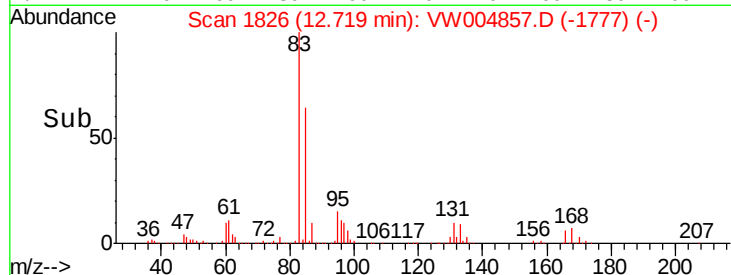
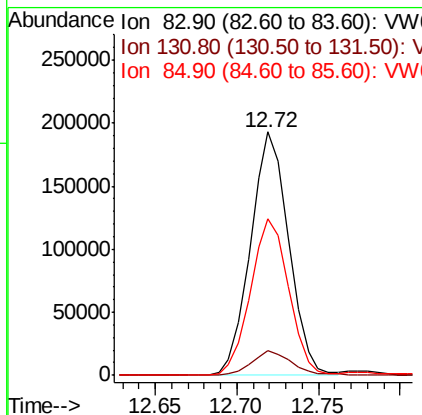
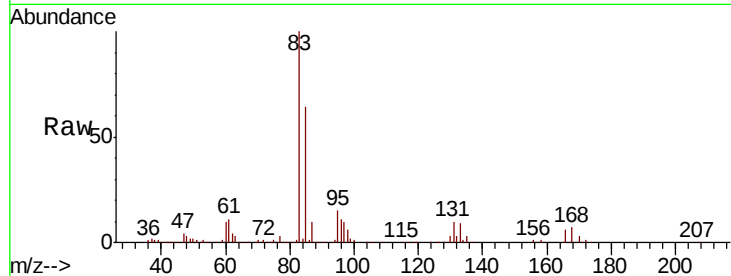
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	314034
Ion Ratio	Lower	Upper	
83	100		
131	10.4	5.3	15.8
85	64.5	31.9	95.9

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 47.52 ug/l m

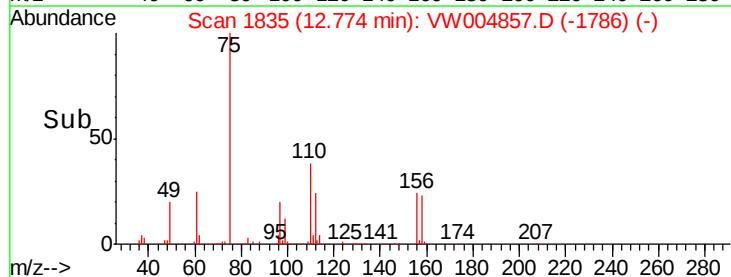
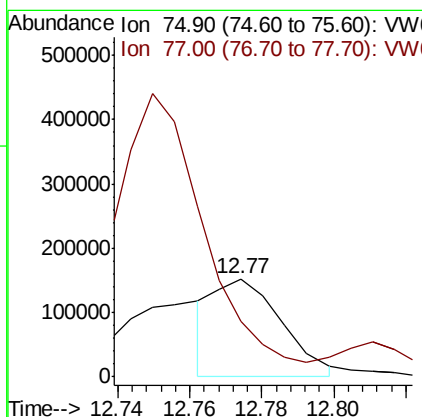
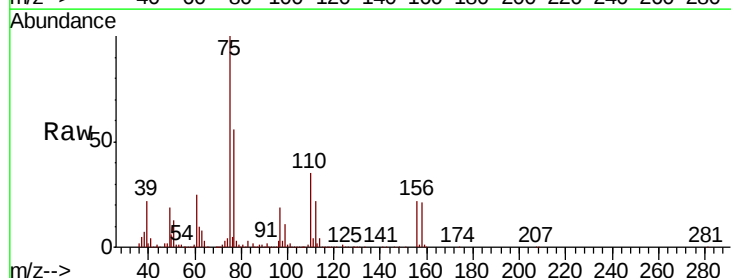
RT: 12.77 min Scan# 1835

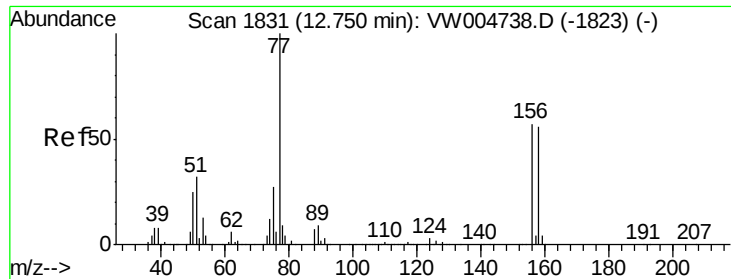
Delta R.T. -0.00 min

Lab File: VW004857.D

Acq: 21 Aug 2018 22:02

Tgt Ion:	75	Resp:	201081
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 52.49 ug/l

RT: 12.75 min Scan# 1831

Delta R.T. -0.00 min

Lab File: VW004857.D

Acq: 21 Aug 2018 22:02

Instrument :

MSVOA_W

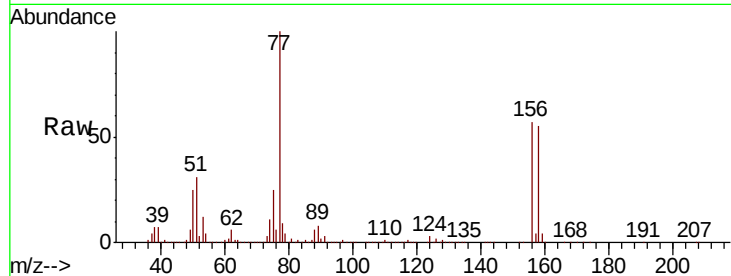
ClientSampleId :

VSTDCCC050EC

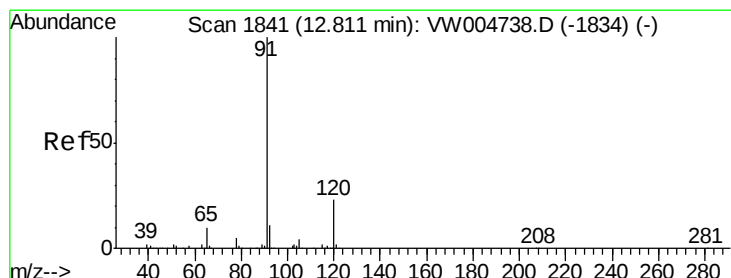
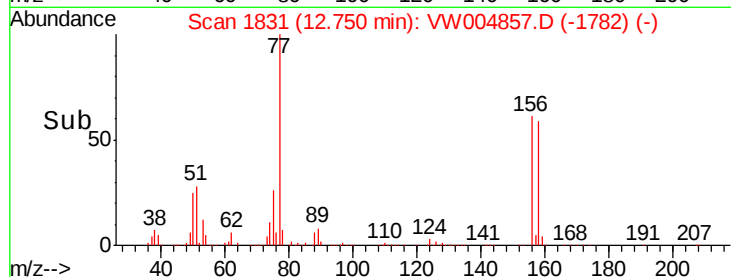
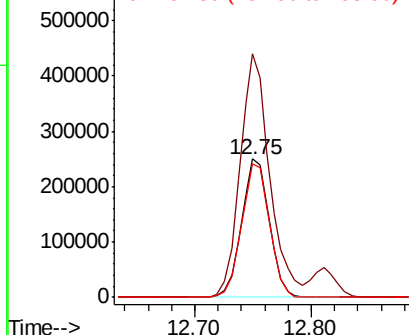
Tot Ion:	156	Resp:	414892
Ion Ratio	Lower	Upper	
156	100		
77	187.9	94.2	282.4
158	96.8	48.6	145.9

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Abundance Ion 155.80 (155.50 to 156.50): V
Ion 77.00 (76.70 to 77.70): VW
Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 54.18 ug/l

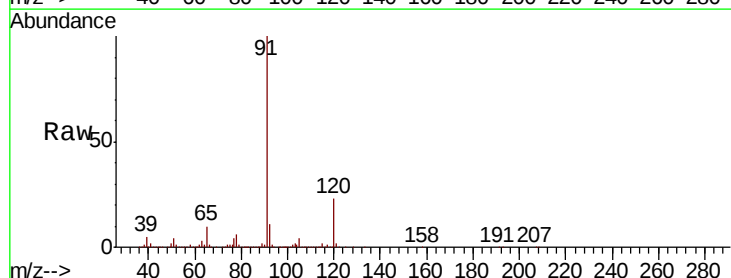
RT: 12.81 min Scan# 1841

Delta R.T. -0.00 min

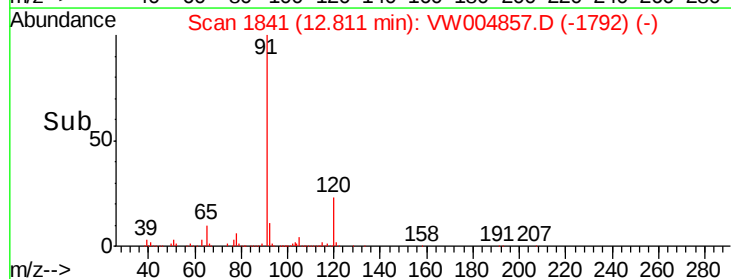
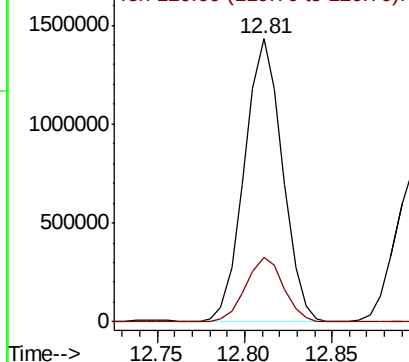
Lab File: VW004857.D

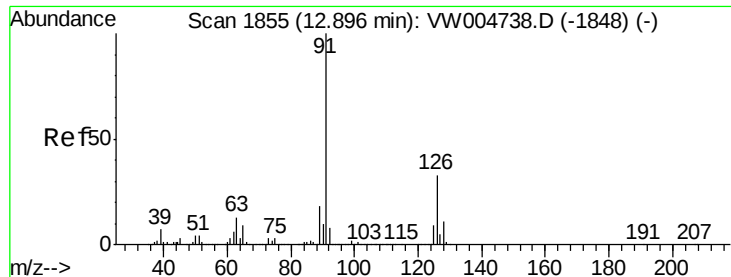
Acq: 21 Aug 2018 22:02

Tgt Ion:	91	Resp:	2159120
Ion Ratio	Lower	Upper	
91	100		
120	22.8	11.4	34.2



Abundance Ion 91.00 (90.70 to 91.70): VW
Ion 120.00 (119.70 to 120.70): V





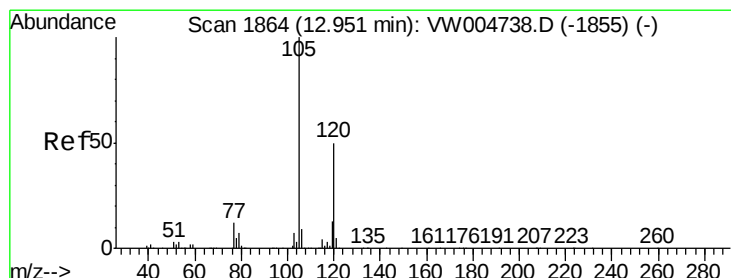
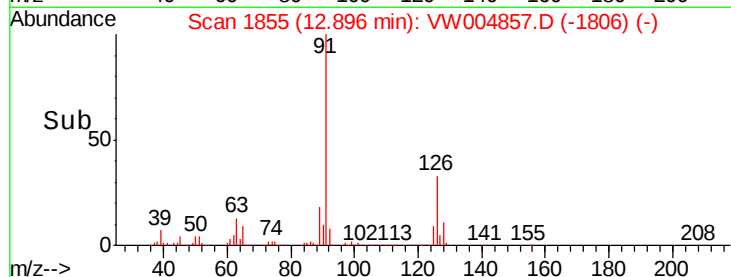
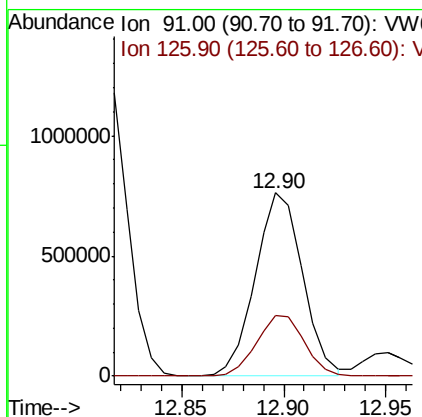
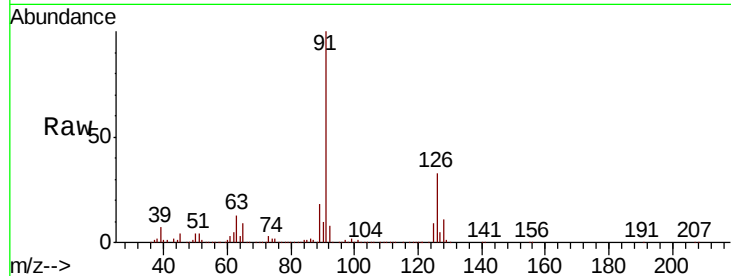
#79
 2-Chlorotoluene
 Concen: 53.55 ug/l
 RT: 12.90 min Scan# 1855
 Delta R.T. -0.00 min
 Lab File: VW004857.D
 Acq: 21 Aug 2018 22:02

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 91 Resp: 1230160
 Ion Ratio Lower Upper
 91 100
 126 33.7 17.0 51.0

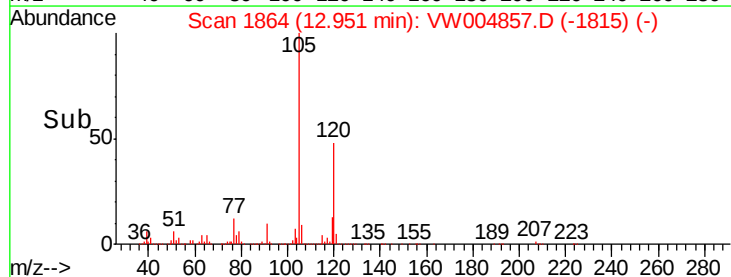
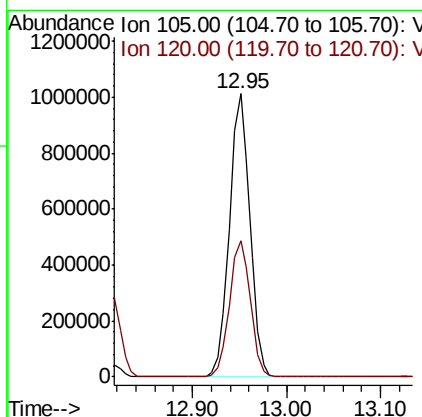
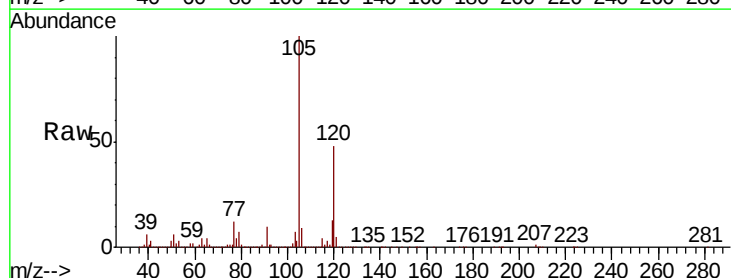
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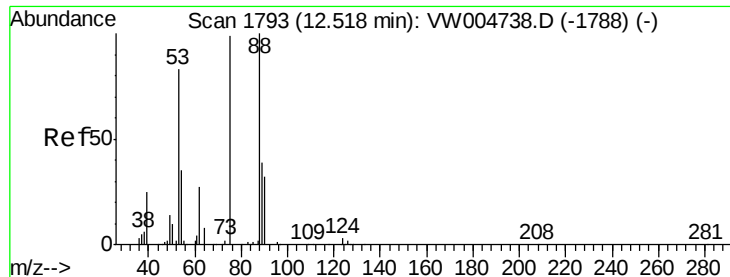
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#80
 1,3,5-Trimethylbenzene
 Concen: 54.86 ug/l
 RT: 12.95 min Scan# 1864
 Delta R.T. -0.00 min
 Lab File: VW004857.D
 Acq: 21 Aug 2018 22:02

Tgt Ion:105 Resp: 1522111
 Ion Ratio Lower Upper
 105 100
 120 49.0 24.7 74.1





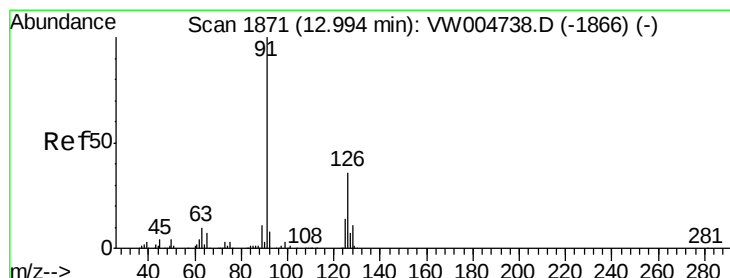
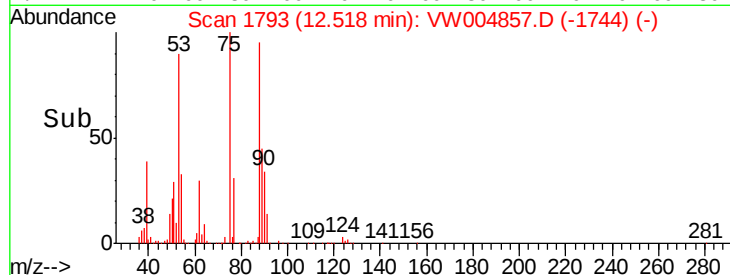
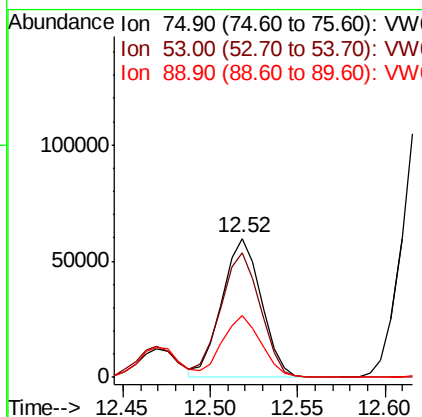
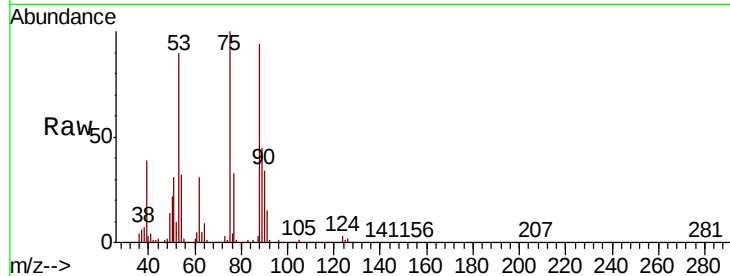
#81
trans-1,4-Dichloro-2-butene
Concen: 51.23 ug/l
RT: 12.52 min Scan# 1793
Delta R.T. -0.00 min
Lab File: VW004857.D
Acq: 21 Aug 2018 22:02

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
53	91.2	72.2	108.4
89	43.7	35.2	52.8

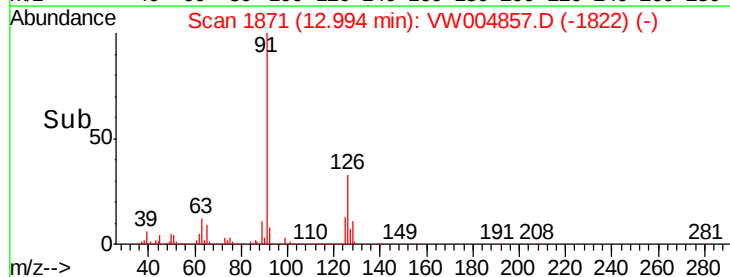
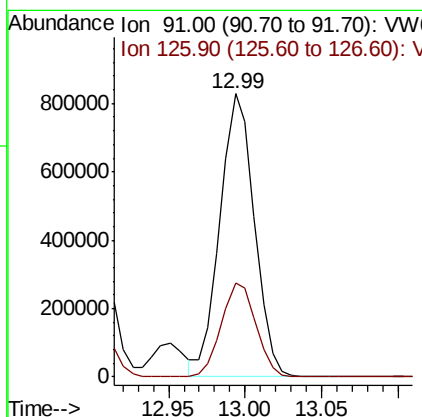
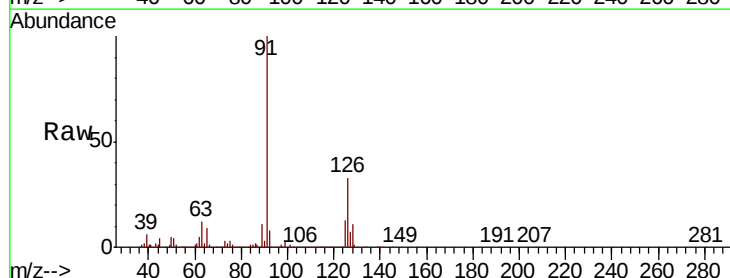
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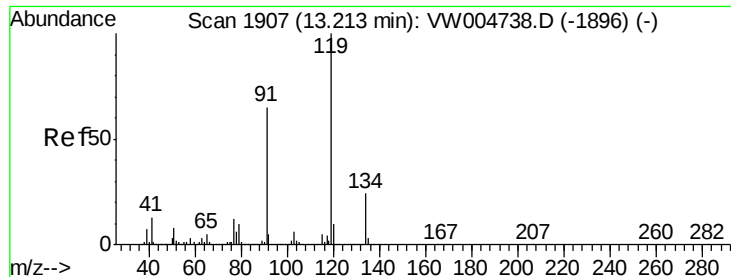
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#82
4-Chlorotoluene
Concen: 53.03 ug/l
RT: 12.99 min Scan# 1871
Delta R.T. -0.00 min
Lab File: VW004857.D
Acq: 21 Aug 2018 22:02

Tgt Ion	Ratio	Lower	Upper
91	100		
126	33.4	16.9	50.7





#83

tert-Butylbenzene

Concen: 54.59 ug/l

RT: 13.21 min Scan# 1907

Delta R.T. -0.00 min

Lab File: VW004857.D

Acq: 21 Aug 2018 22:02

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion:119 Resp: 1295434

Ion Ratio Lower Upper

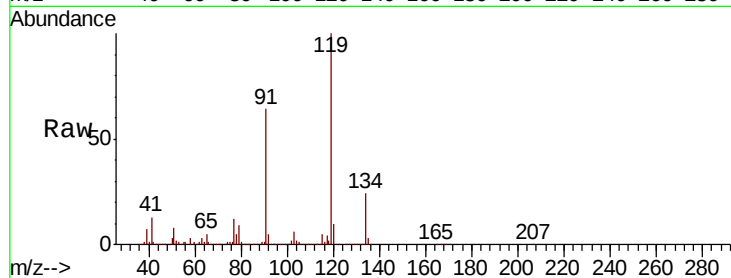
119 100

91 63.8 32.6 97.8

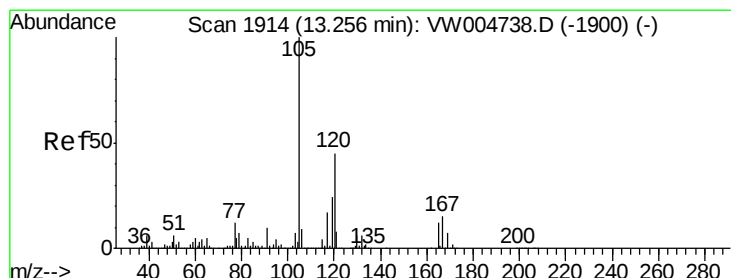
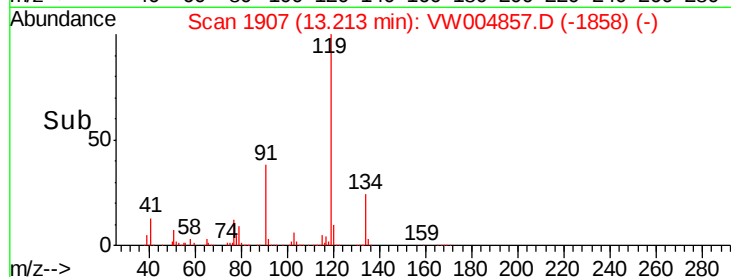
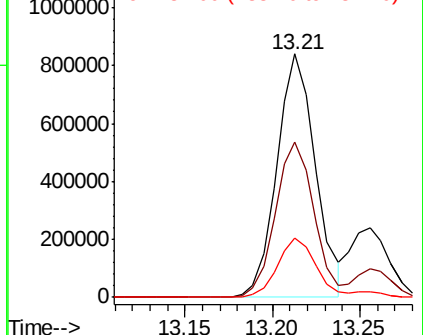
134 24.2 13.1 39.3

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Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): V
Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 54.63 ug/l

RT: 13.26 min Scan# 1914

Delta R.T. -0.00 min

Lab File: VW004857.D

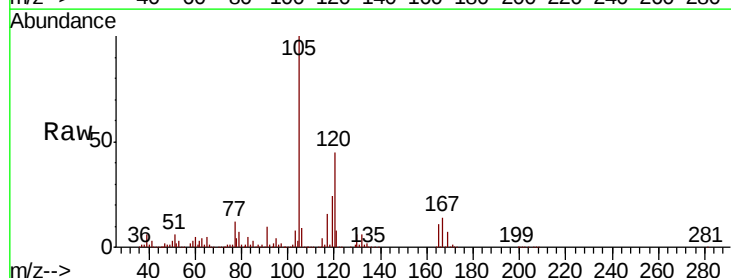
Acq: 21 Aug 2018 22:02

Tgt Ion:105 Resp: 1559452

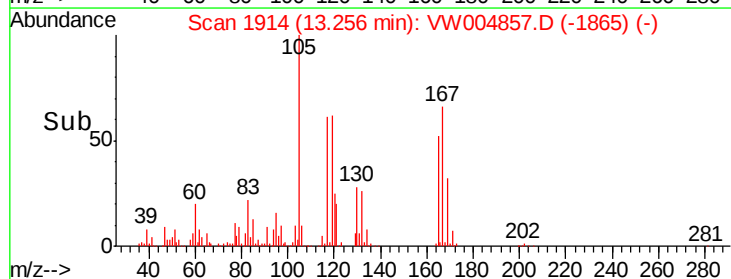
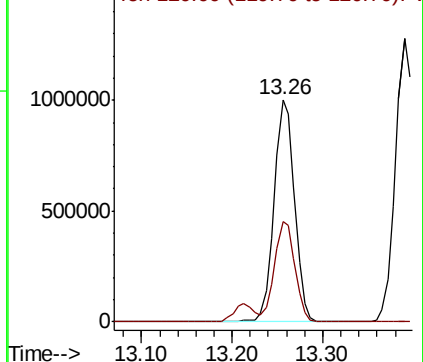
Ion Ratio Lower Upper

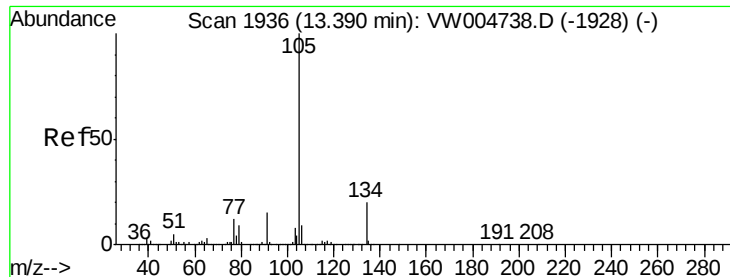
105 100

120 45.2 22.8 68.3



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





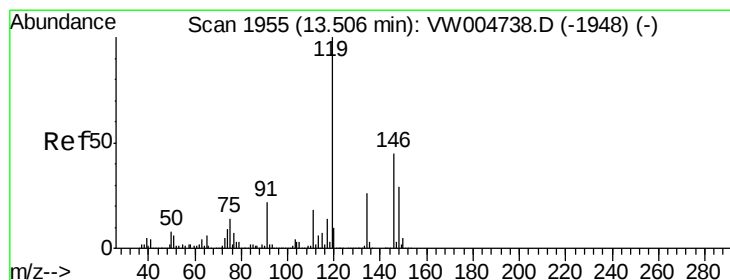
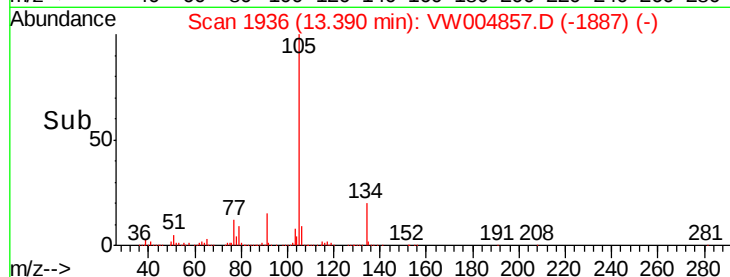
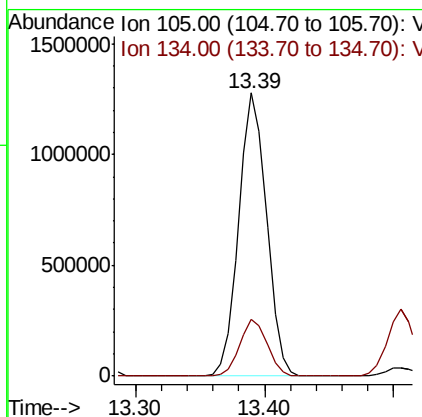
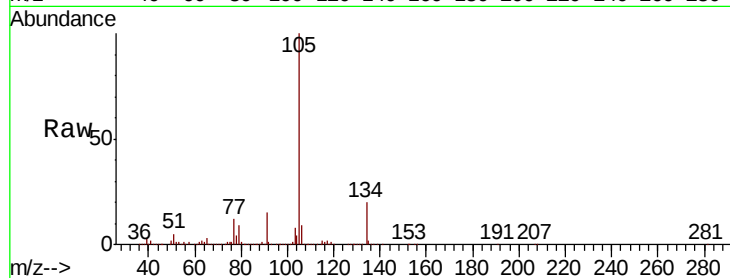
#85
 sec-Butylbenzene
 Concen: 53.86 ug/l
 RT: 13.39 min Scan# 1936
 Delta R.T. -0.00 min
 Lab File: VW004857.D
 Acq: 21 Aug 2018 22:02

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:105 Resp: 1908332
 Ion Ratio Lower Upper
 105 100
 134 19.7 10.0 29.8

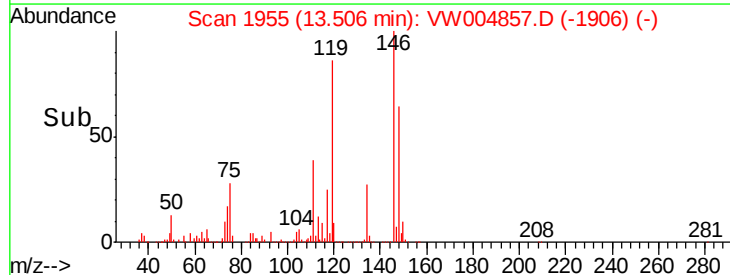
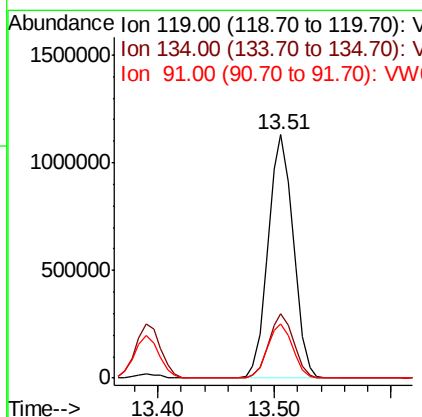
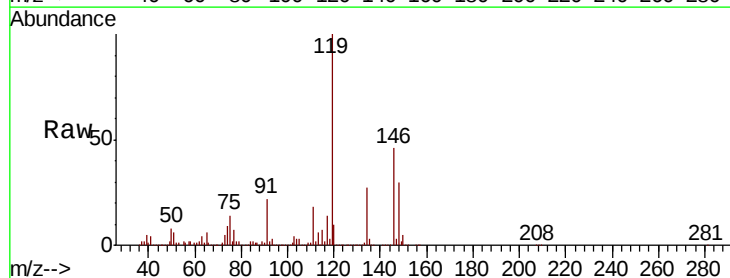
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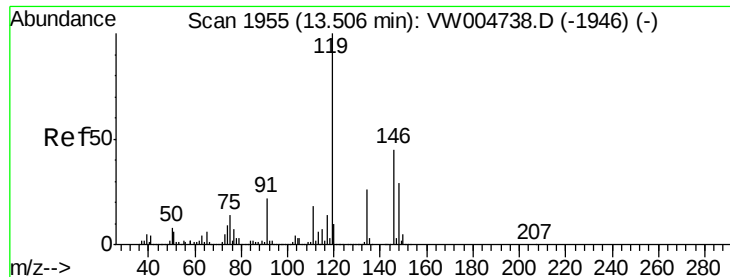
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#86
 p-Isopropyltoluene
 Concen: 54.47 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. -0.00 min
 Lab File: VW004857.D
 Acq: 21 Aug 2018 22:02

Tgt Ion:119 Resp: 1679129
 Ion Ratio Lower Upper
 119 100
 134 26.0 13.1 39.3
 91 22.2 11.2 33.5





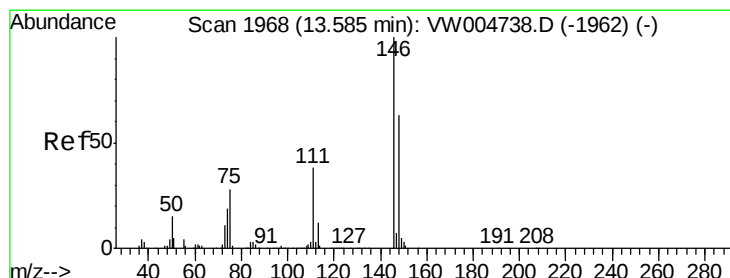
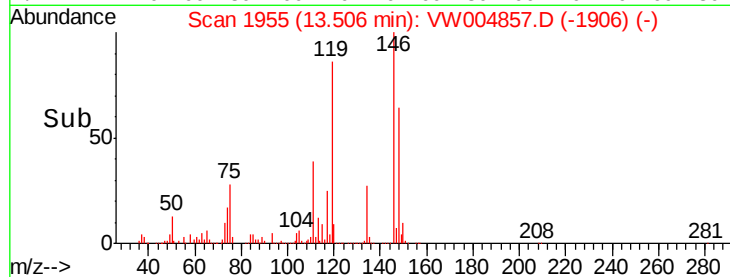
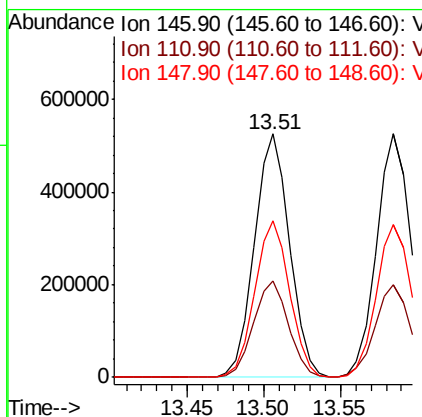
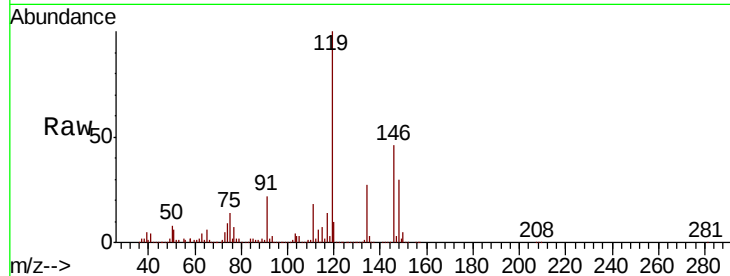
#87
 1,3-Dichlorobenzene
 Concen: 52.18 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. -0.00 min
 Lab File: VW004857.D
 Acq: 21 Aug 2018 22:02

Instrument :
 MSVOA_W
 ClientSampled :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
146	100			
111	39.3	19.8	59.4	
148	63.8	31.9	95.9	

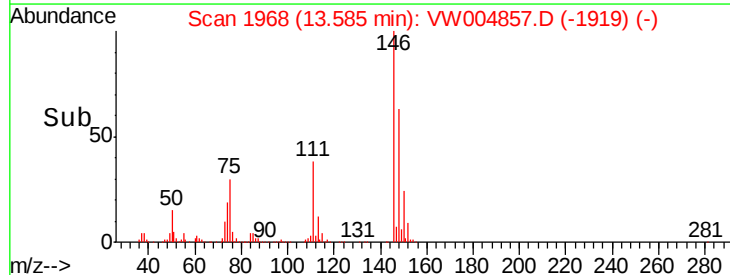
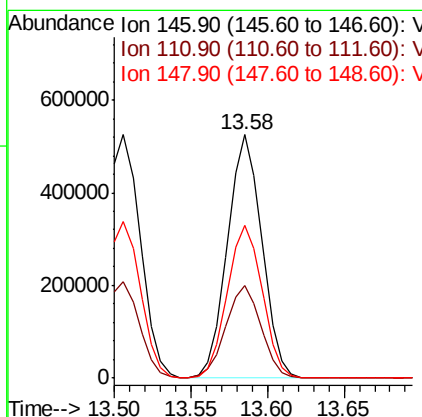
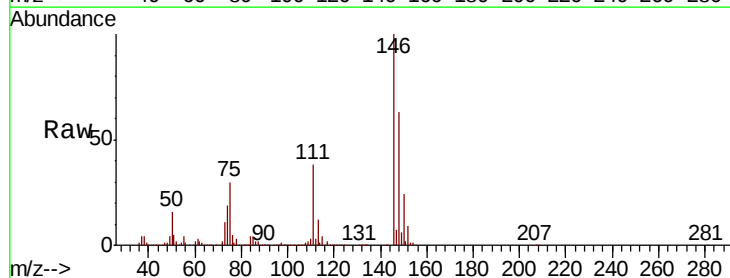
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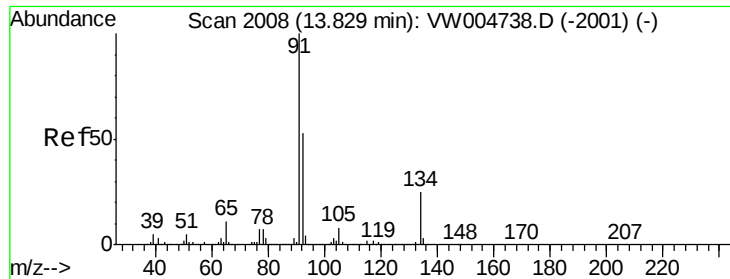
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#88
 1,4-Dichlorobenzene
 Concen: 51.07 ug/l
 RT: 13.58 min Scan# 1968
 Delta R.T. -0.00 min
 Lab File: VW004857.D
 Acq: 21 Aug 2018 22:02

Tgt Ion	Ratio	Resp	Lower	Upper
146	100			
111	38.7	19.3	57.8	
148	63.9	31.8	95.3	





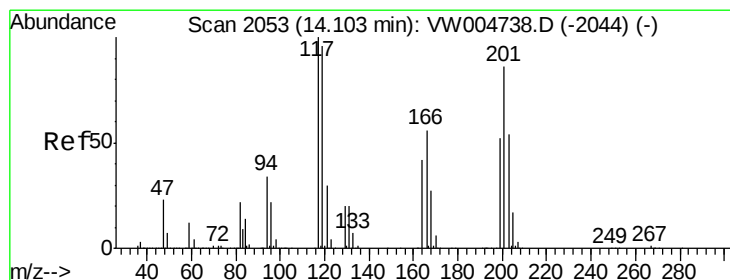
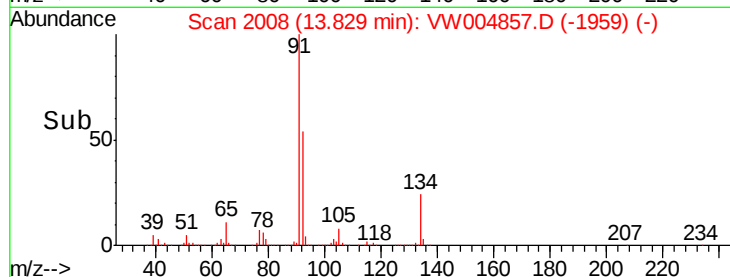
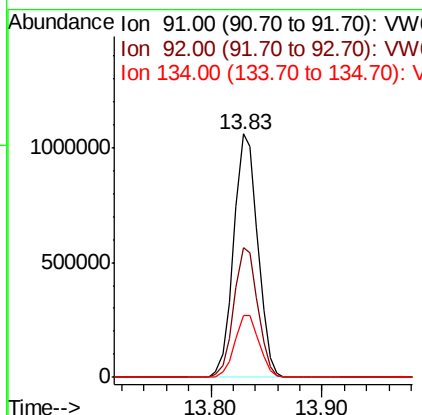
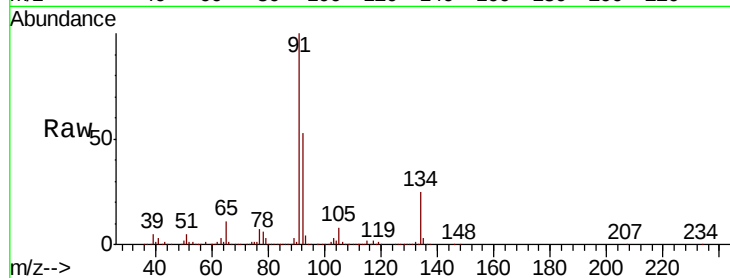
#89
n-Butylbenzene
Concen: 52.91 ug/l
RT: 13.83 min Scan# 2008
Delta R.T. -0.00 min
Lab File: VW004857.D
Acq: 21 Aug 2018 22:02

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.1	26.4	79.2
134	25.9	12.8	38.3

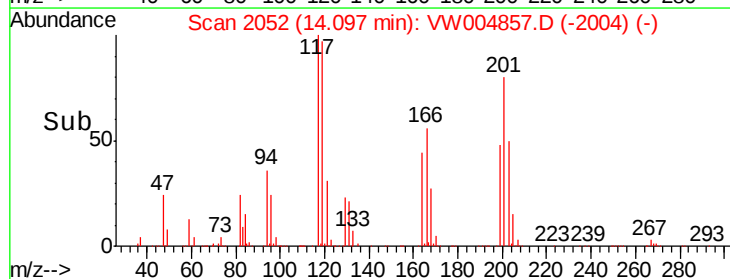
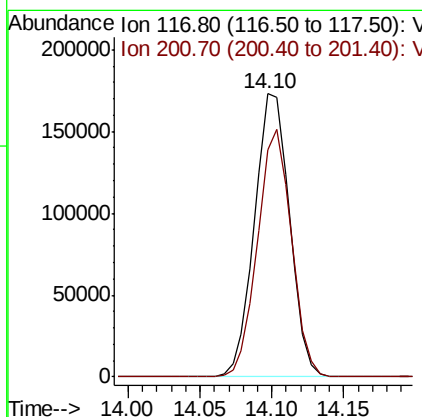
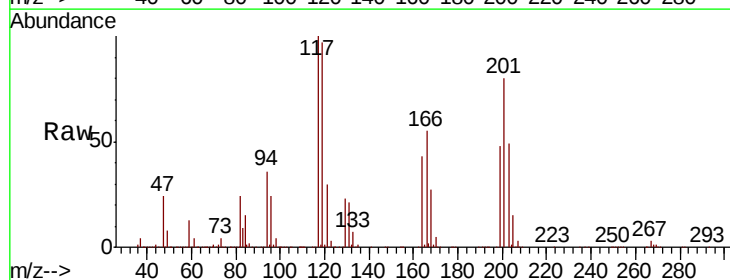
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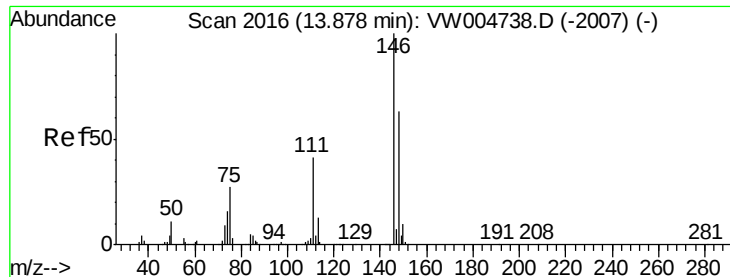
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#90
Hexachloroethane
Concen: 51.90 ug/l
RT: 14.10 min Scan# 2052
Delta R.T. -0.01 min
Lab File: VW004857.D
Acq: 21 Aug 2018 22:02

Tgt Ion	Ratio	Lower	Upper
117	100		
201	84.3	42.4	127.2





#91

1,2-Dichlorobenzene

Concen: 51.96 ug/l

RT: 13.88 min Scan# 2016

Delta R.T. -0.00 min

Lab File: VW004857.D

Acq: 21 Aug 2018 22:02

Instrument :

MSVOA_W

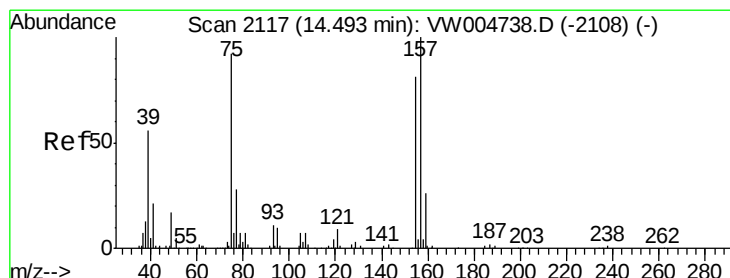
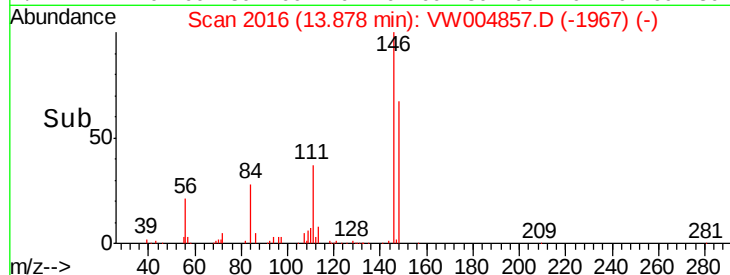
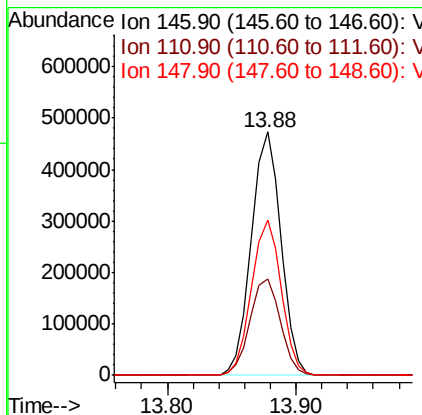
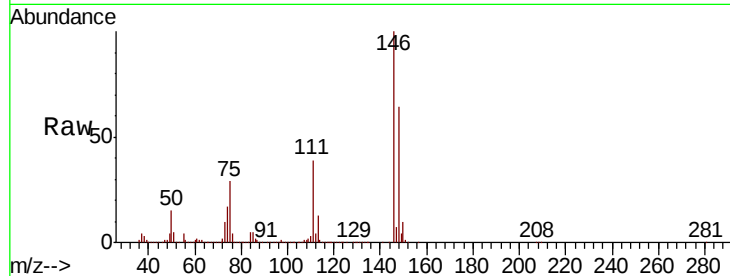
ClientSampleId :

VSTDCCC050EC

Tot Ion:	146	Resp:	750414
Ion Ratio	Lower	Upper	
146	100		
111	40.6	20.4	61.3
148	63.9	31.6	95.0

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#92

1,2-Dibromo-3-Chloropropane

Concen: 52.49 ug/l

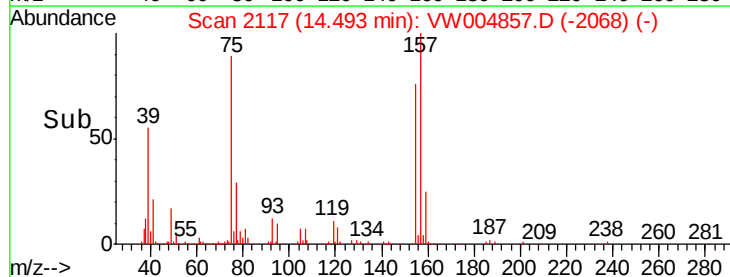
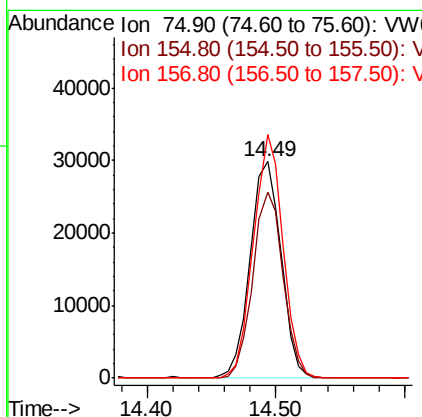
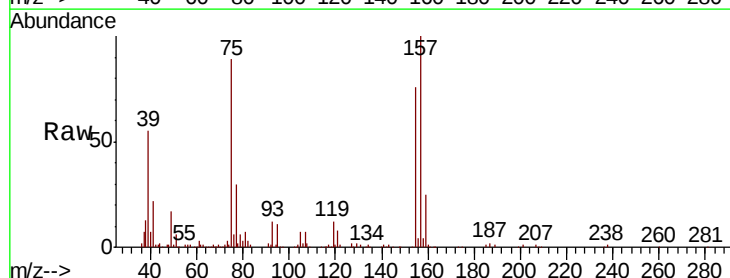
RT: 14.49 min Scan# 2117

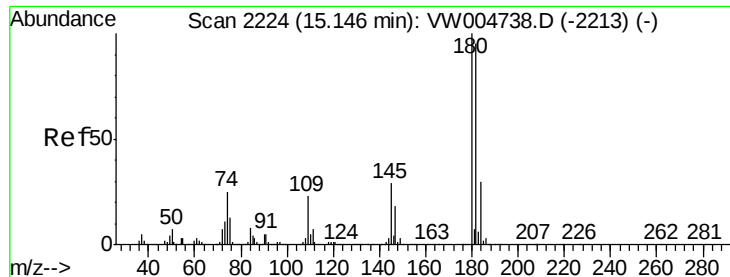
Delta R.T. -0.00 min

Lab File: VW004857.D

Acq: 21 Aug 2018 22:02

Tgt Ion:	75	Resp:	49624
Ion Ratio	Lower	Upper	
75	100		
155	83.8	43.3	129.9
157	106.9	54.5	163.6





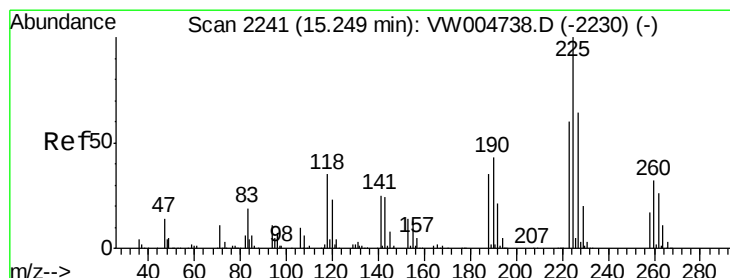
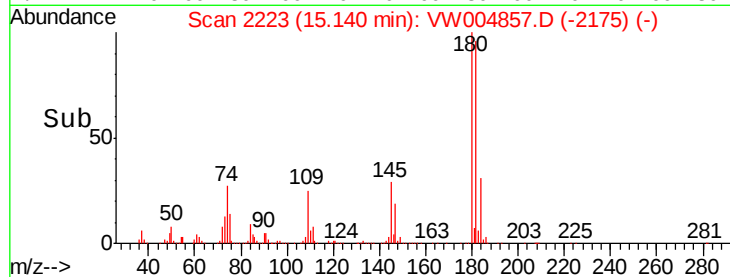
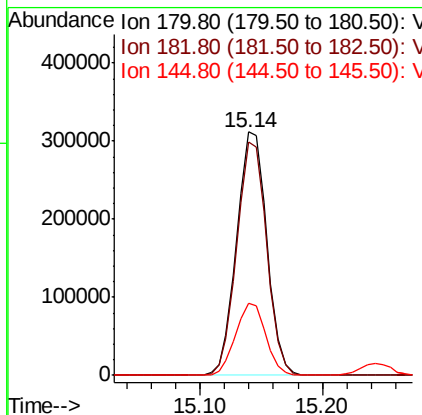
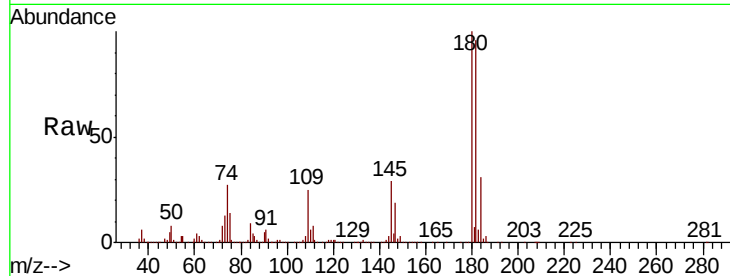
#93
 1,2,4-Trichlorobenzene
 Concen: 52.08 ug/l
 RT: 15.14 min Scan# 2223
 Delta R.T. -0.01 min
 Lab File: VW004857.D
 Acq: 21 Aug 2018 22:02

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100	532000		
182	95.0	47.3	141.8	
145	29.5	14.6	43.8	

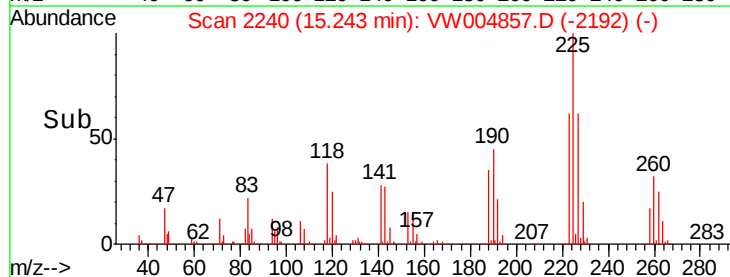
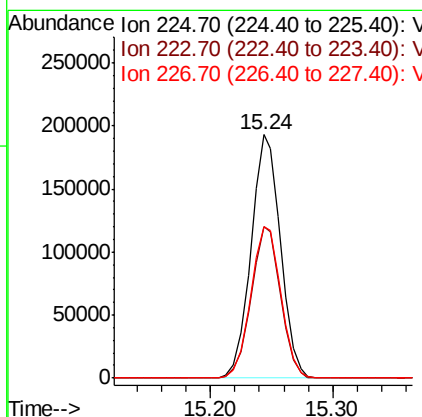
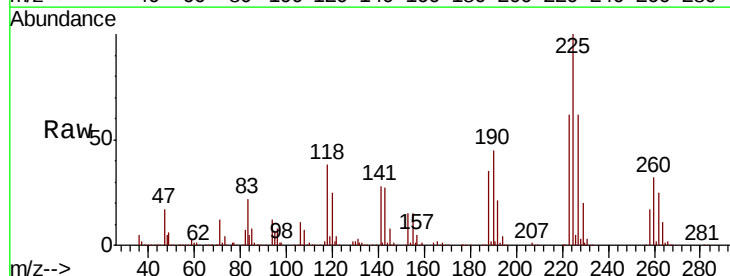
Manual Integrations
 APPROVED

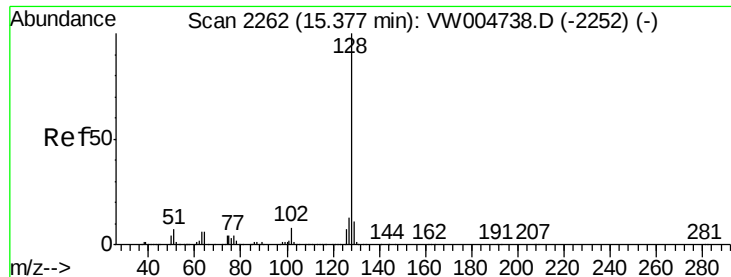
apatel
 8/22/2018 11:25:26 AM



#94
 Hexachlorobutadiene
 Concen: 51.47 ug/l
 RT: 15.24 min Scan# 2240
 Delta R.T. -0.01 min
 Lab File: VW004857.D
 Acq: 21 Aug 2018 22:02

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	322659		
223	62.1	30.9	92.5	
227	63.7	32.0	96.0	





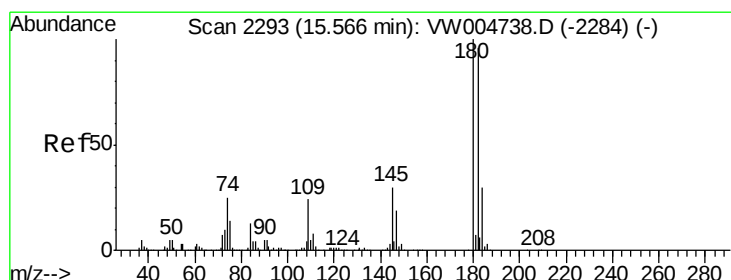
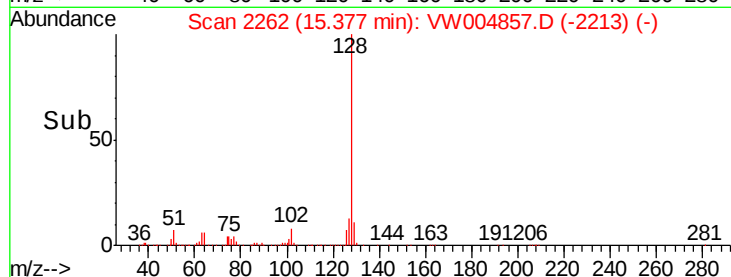
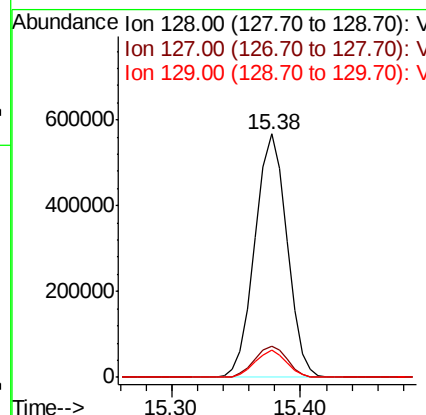
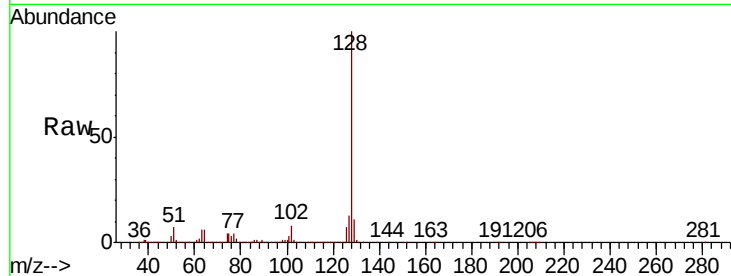
#95
Naphthalene
Concen: 49.39 ug/l
RT: 15.38 min Scan# 2262
Delta R.T. 0.00 min
Lab File: VW004857.D
Acq: 21 Aug 2018 22:02

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.4	15.6
129	11.0	8.6	13.0

Manual Integrations
APPROVED

apatel
8/22/2018 11:25:26 AM



#96
1,2,3-Trichlorobenzene
Concen: 52.98 ug/l
RT: 15.57 min Scan# 2293
Delta R.T. -0.00 min
Lab File: VW004857.D
Acq: 21 Aug 2018 22:02

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.0	47.3	142.0
145	31.1	15.4	46.1

