

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW081918\
 Data File : VW004739.D
 Acq On : 17 Aug 2018 17:37
 Operator : SY/AP
 Sample : VSTDIC075
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC075

Manual Integrations
 APPROVED

apatel
 8/20/2018 9:53:52 AM

Quant Time: Aug 18 01:37:42 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W081918S.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 18 01:25:38 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	679635	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	1025148	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	951603	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	509277	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	464441	70.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	141.36%	
35) Dibromofluoromethane	7.88	113	466948	71.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	142.54%	
50) Toluene-d8	10.33	98	1845085	72.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	144.28%	
62) 4-Bromofluorobenzene	12.62	95	675674	73.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	146.86%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	304477	67.63	ug/l	97
3) Chloromethane	2.21	50	395313	67.16	ug/l	98
4) Vinyl Chloride	2.37	62	591958	68.32	ug/l	99
5) Bromomethane	2.78	94	364964	68.21	ug/l	99
6) Chloroethane	2.93	64	363456	69.52	ug/l	99
7) Trichlorofluoromethane	3.26	101	278018	68.11	ug/l	99
8) Diethyl Ether	3.68	74	259090	70.21	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.06	101	476879	67.85	ug/l	100
10) Methyl Iodide	4.27	142	756071	70.83	ug/l	99
11) Tert butyl alcohol	5.21	59	134932	364.70	ug/l	100
12) 1,1-Dichloroethene	4.03	96	479759	68.50	ug/l	98
13) Acrolein	3.89	56	171130	347.39	ug/l	97
14) Allyl chloride	4.67	41	753697	70.91	ug/l	100
15) Acrylonitrile	5.37	53	568844	367.56	ug/l	100
16) Acetone	4.14	43	561824	334.95	ug/l	99
17) Carbon Disulfide	4.38	76	1597170	69.39	ug/l	98
18) Methyl Acetate	4.67	43	262256	72.96	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	681713	74.98	ug/l	100
20) Methylene Chloride	4.91	84	532255	58.14	ug/l	99
21) trans-1,2-Dichloroethene	5.42	96	523395	70.24	ug/l	98
22) Diisopropyl ether	6.31	45	1505202	73.68	ug/l	98
23) Vinyl Acetate	6.26	43	4463680	386.29	ug/l	100
24) 1,1-Dichloroethane	6.21	63	926683	69.80	ug/l	100
25) 2-Butanone	7.18	43	874544	365.93	ug/l	99
26) 2,2-Dichloropropane	7.17	77	508242	66.28	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	570250	71.08	ug/l	100
28) Bromochloromethane	7.51	49	386280	69.10	ug/l	99
29) Tetrahydrofuran	7.54	42	460954	378.25	ug/l	99
30) Chloroform	7.68	83	902841	69.15	ug/l	100
31) Cyclohexane	7.96	56	867676	67.57	ug/l	98
32) 1,1,1-Trichloroethane	7.87	97	711519	68.75	ug/l	99
36) 1,1-Dichloropropene	8.09	75	737853	69.87	ug/l	100
37) Ethyl Acetate	7.26	43	307777	73.11	ug/l	99
38) Carbon Tetrachloride	8.07	117	670544	68.98	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	973018	73.67	ug/l	96
40) Benzene	8.32	78	2161567	70.43	ug/l	99
41) Methacrylonitrile	7.49	41	178686	74.79	ug/l	95
42) 1,2-Dichloroethane	8.40	62	555794	70.62	ug/l	100
43) Isopropyl Acetate	8.43	43	570135	75.40	ug/l	99
44) Trichloroethene	9.09	130	539419	69.24	ug/l	98
45) 1,2-Dichloropropane	9.37	63	529099	70.48	ug/l	99
46) Dibromomethane	9.46	93	263594	70.87	ug/l	100
47) Bromodichloromethane	9.65	83	633221	71.29	ug/l	99
48) Methyl methacrylate	9.44	41	271868	76.62	ug/l	100
49) 1,4-Dioxane	9.47	88	84076	1547.25	ug/l #	83
51) 4-Methyl-2-Pentanone	10.21	43	1952414	382.03	ug/l	100
52) Toluene	10.39	92	1310206	71.18	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	666607	74.49	ug/l	98
54) cis-1,3-Dichloropropene	10.08	75	781887	73.29	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	376655	71.24	ug/l	99
56) Ethyl methacrylate	10.65	69	491872	78.76	ug/l	100
57) 1,3-Dichloropropane	10.94	76	657988	72.10	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	1138787	390.03	ug/l	99
59) 2-Hexanone	10.98	43	1329039	383.80	ug/l	99
60) Dibromochloromethane	11.13	129	433006	73.00	ug/l	100
61) 1,2-Dibromoethane	11.24	107	360445	71.32	ug/l	99
64) Tetrachloroethene	10.87	164	450889	69.33	ug/l	99
65) Chlorobenzene	11.66	112	1438031	70.21	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.74	131	494162	71.46	ug/l	99
67) Ethyl Benzene	11.74	91	2536185	73.04	ug/l	99
68) m/p-Xylenes	11.85	106	1981178	146.66	ug/l	100
69) o-Xylene	12.17	106	938999	75.09	ug/l	98
70) Styrene	12.19	104	1581973	75.31	ug/l	100
71) Bromoform	12.35	173	266242	72.94	ug/l #	98
73) Isopropylbenzene	12.47	105	2562222	73.95	ug/l	100
74) N-amyl acetate	12.28	43	559632	77.05	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	462509	72.06	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	367752m	48.75	ug/l	
77) Bromobenzene	12.75	156	599986	71.54	ug/l	99
78) n-propylbenzene	12.81	91	3109076	73.54	ug/l	99
79) 2-Chlorotoluene	12.90	91	1758227	72.15	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	2194952	74.57	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	147359	76.29	ug/l	99
82) 4-Chlorotoluene	12.99	91	1868256	72.15	ug/l	99
83) tert-Butylbenzene	13.21	119	1894344	75.24	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	2245413	74.15	ug/l	100
85) sec-Butylbenzene	13.39	105	2784688	74.08	ug/l	100
86) p-Isopropyltoluene	13.51	119	2450124	74.91	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	1217785	71.39	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	1199514	70.35	ug/l	100
89) n-Butylbenzene	13.83	91	2363976	74.76	ug/l	99
90) Hexachloroethane	14.10	117	431062	72.31	ug/l	98
91) 1,2-Dichlorobenzene	13.88	146	1089343	71.10	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	75040	74.81	ug/l	99

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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	807225	74.49	ug/l	99
94) Hexachlorobutadiene	15.24	225	482336	72.52	ug/l	99
95) Naphthalene	15.38	128	1500174	80.05	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	723867	75.33	ug/l	100

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

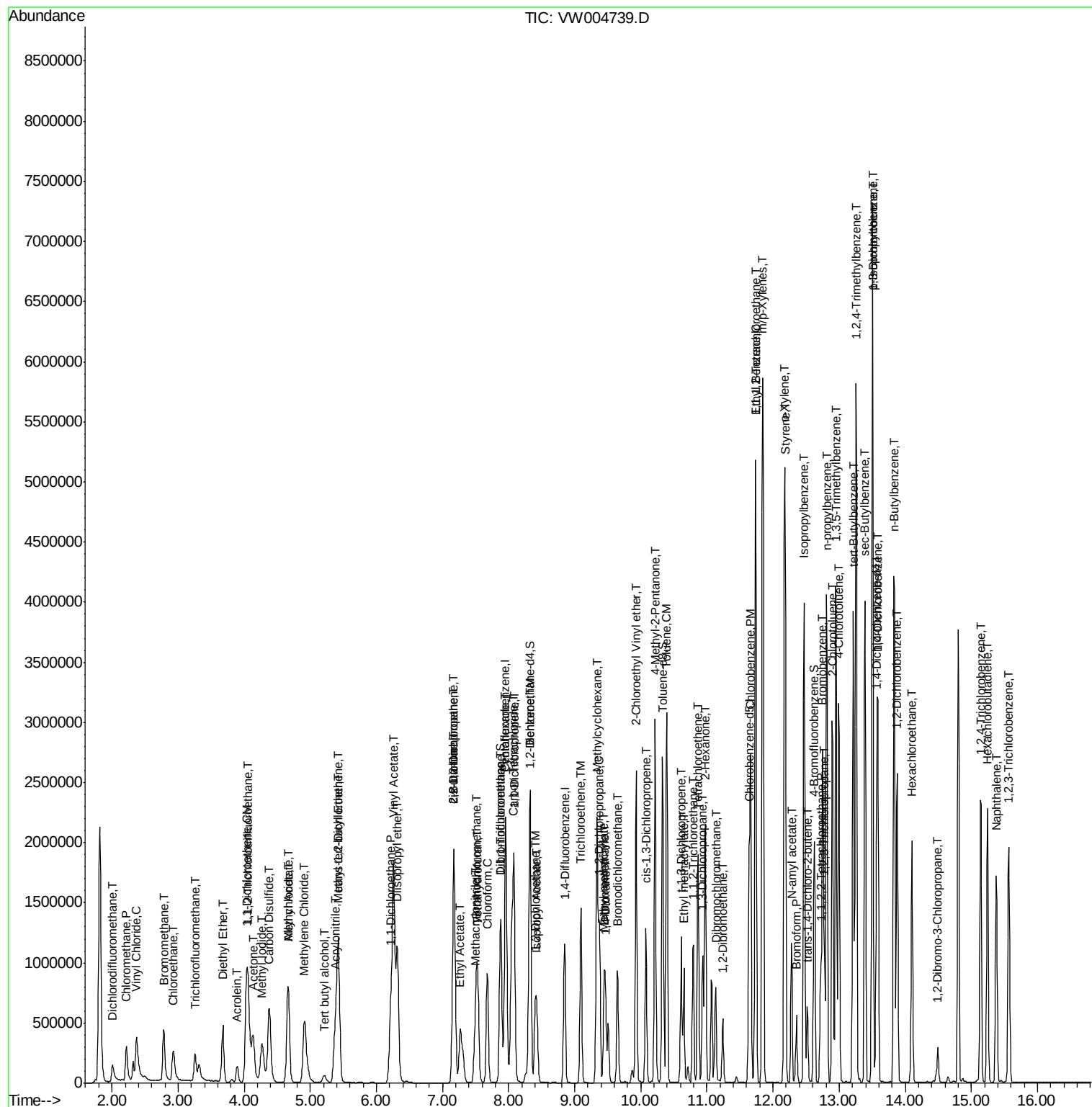
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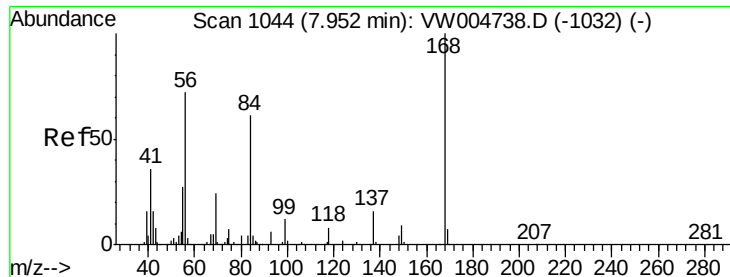
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

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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: VW004739.D

Acq: 17 Aug 2018 17:37

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC075

Tot Ion:168 Resp: 679635

Ion Ratio Lower Upper

168 100

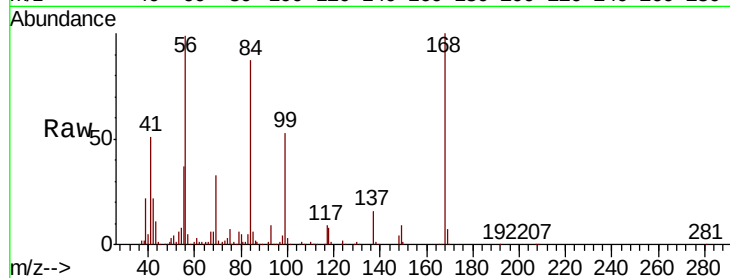
99 52.8 41.0 61.4

Manual Integrations

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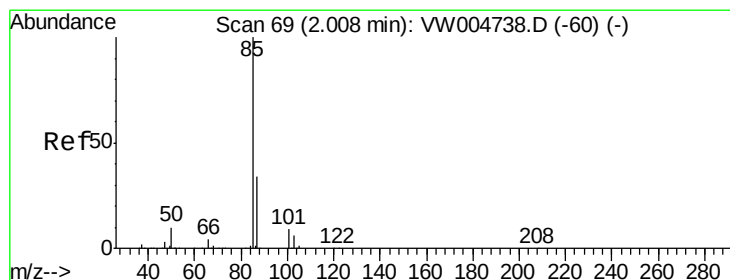
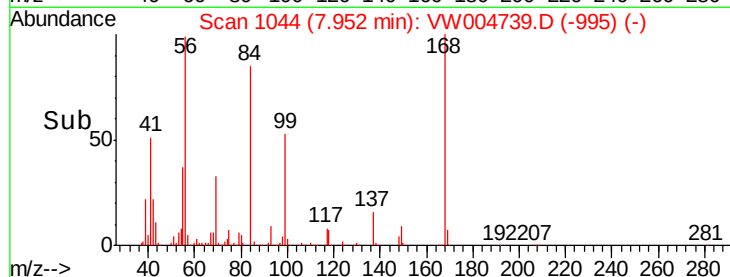
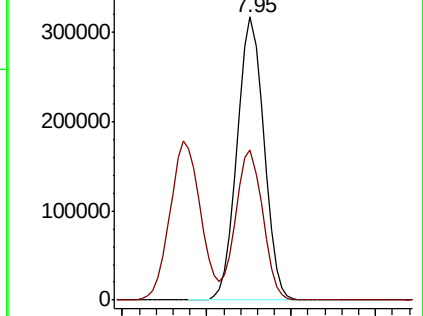
apatel

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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: 67.63 ug/l

RT: 2.01 min Scan# 69

Delta R.T. -0.00 min

Lab File: VW004739.D

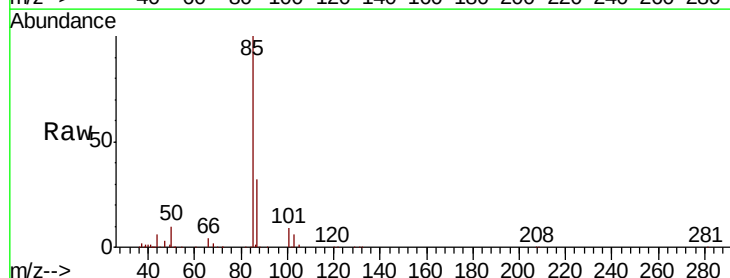
Acq: 17 Aug 2018 17:37

Tgt Ion: 85 Resp: 304477

Ion Ratio Lower Upper

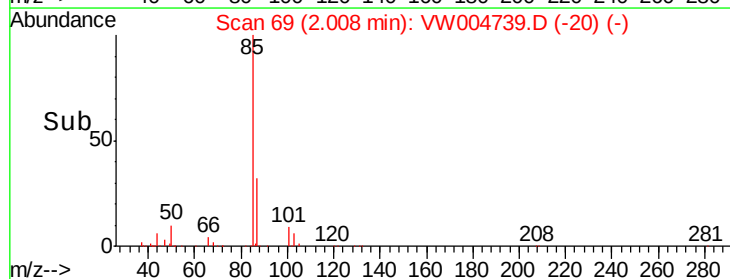
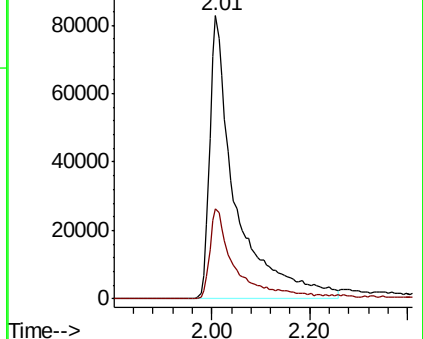
85 100

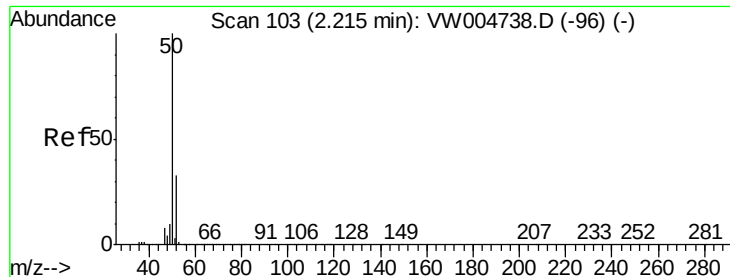
87 31.8 16.8 50.4



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#3

Chloromethane

Concen: 67.16 ug/l

RT: 2.21 min Scan# 103

Delta R.T. -0.00 min

Lab File: VW004739.D

Acq: 17 Aug 2018 17:37

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC075

Tot Ion: 50 Resp: 395313

Ion Ratio Lower Upper

50 100

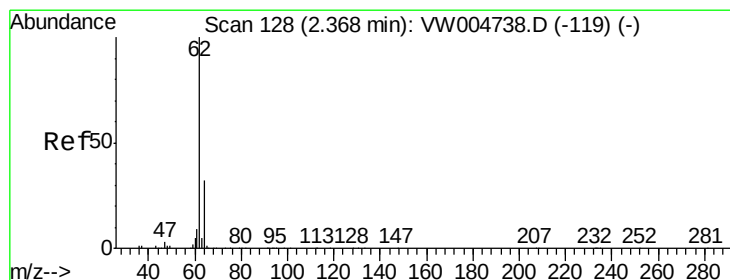
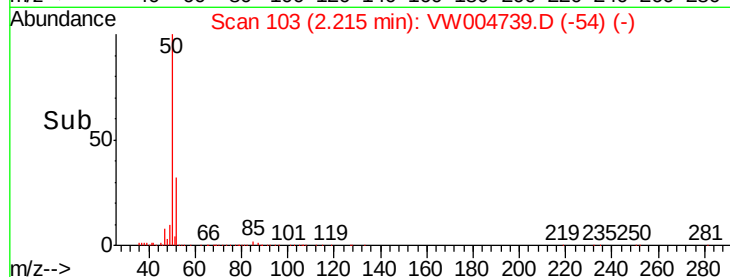
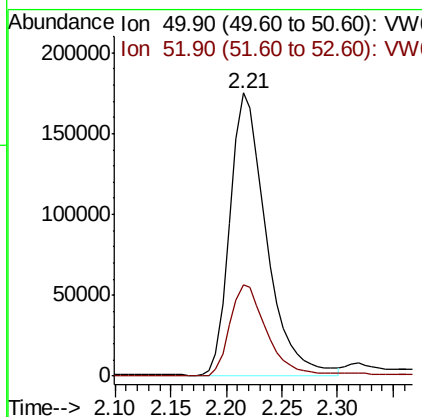
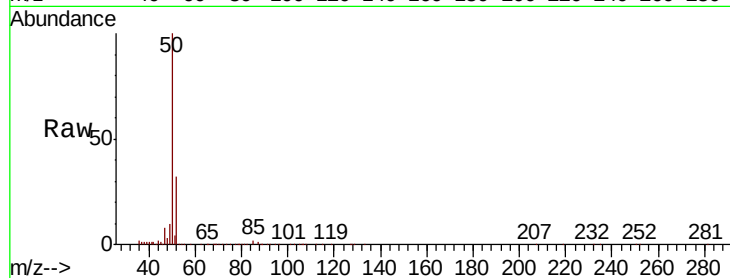
52 32.2 26.7 40.1

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#4

Vinyl Chloride

Concen: 68.32 ug/l

RT: 2.37 min Scan# 129

Delta R.T. 0.01 min

Lab File: VW004739.D

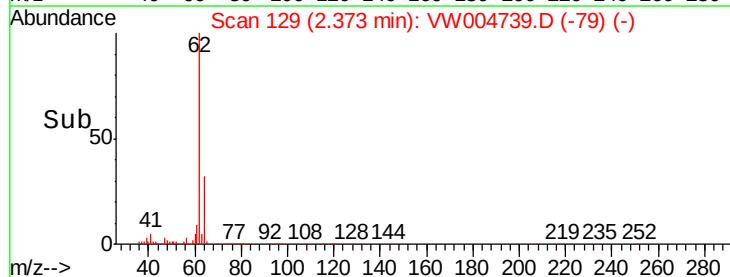
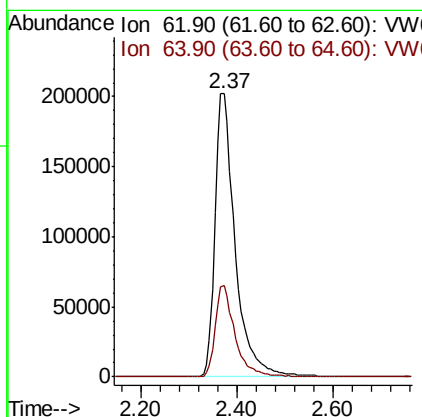
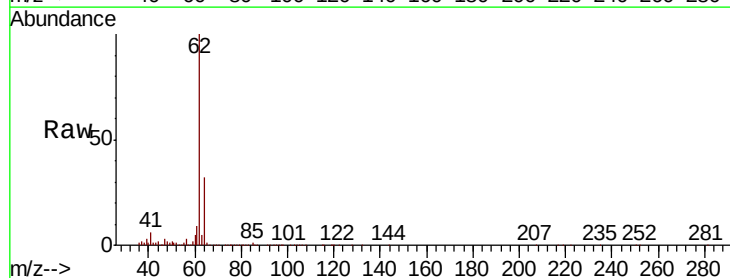
Acq: 17 Aug 2018 17:37

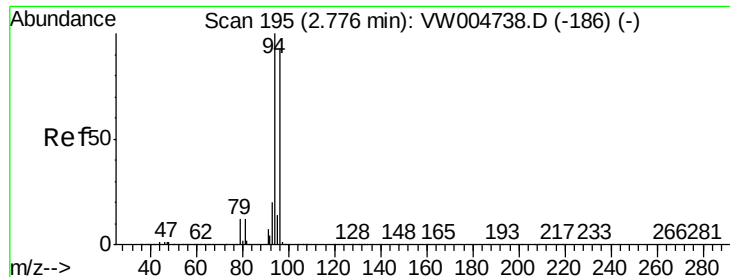
Tgt Ion: 62 Resp: 591958

Ion Ratio Lower Upper

62 100

64 32.1 25.2 37.8





#5

Bromomethane

Concen: 68.21 ug/l

RT: 2.78 min Scan# 196

Delta R.T. 0.01 min

Lab File: VW004739.D

Acq: 17 Aug 2018 17:37

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC075

Tot Ion: 94 Resp: 364964

Ion Ratio Lower Upper

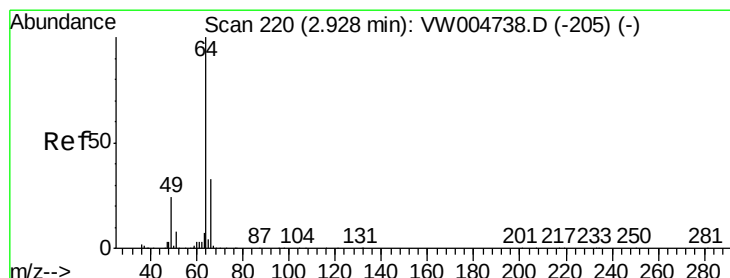
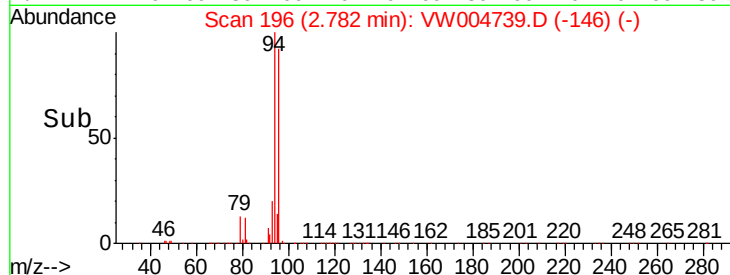
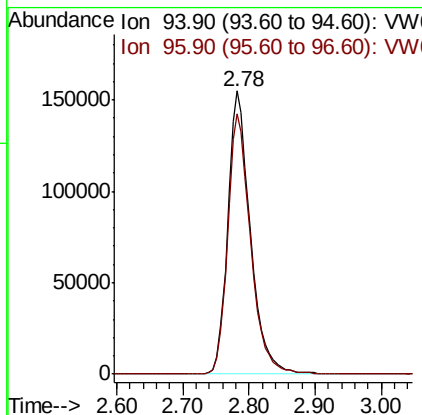
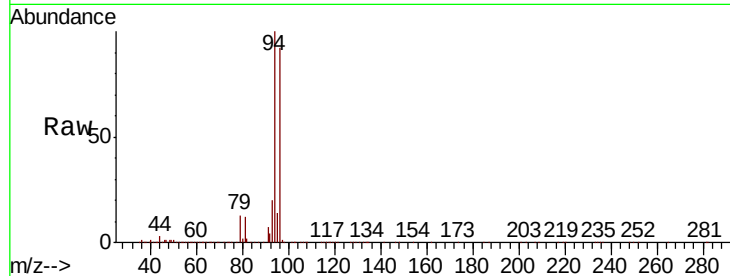
94 100

96 92.1 74.3 111.5

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#6

Chloroethane

Concen: 69.52 ug/l

RT: 2.93 min Scan# 220

Delta R.T. -0.00 min

Lab File: VW004739.D

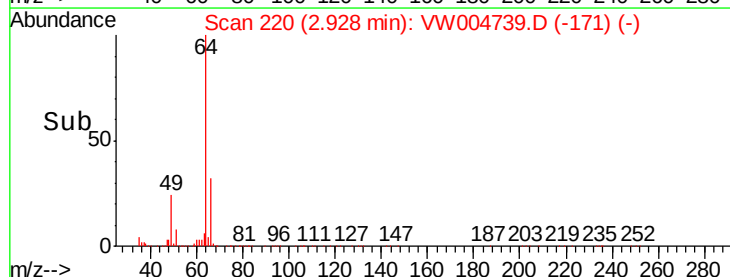
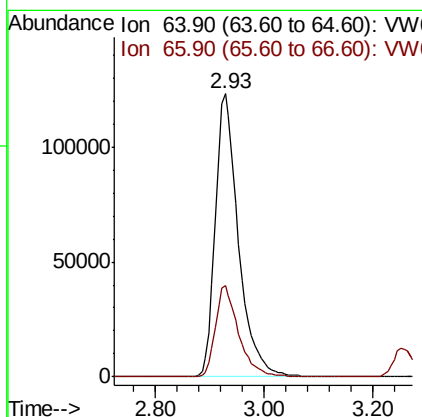
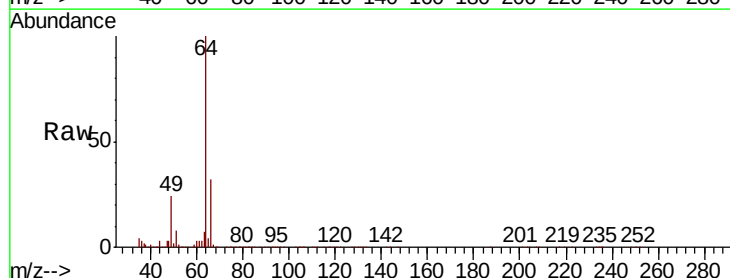
Acq: 17 Aug 2018 17:37

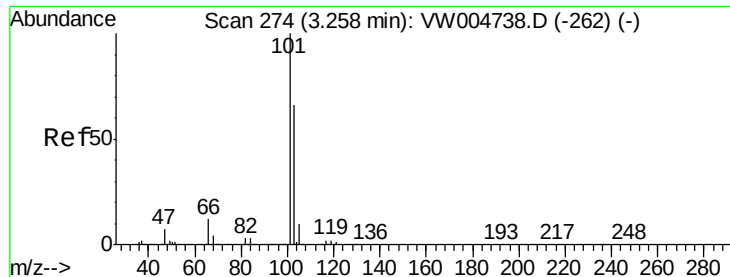
Tgt Ion: 64 Resp: 363456

Ion Ratio Lower Upper

64 100

66 32.3 26.1 39.1





#7

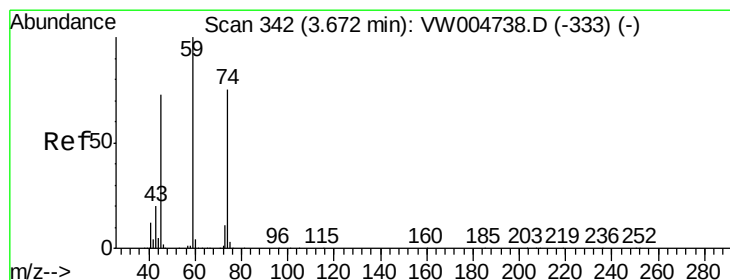
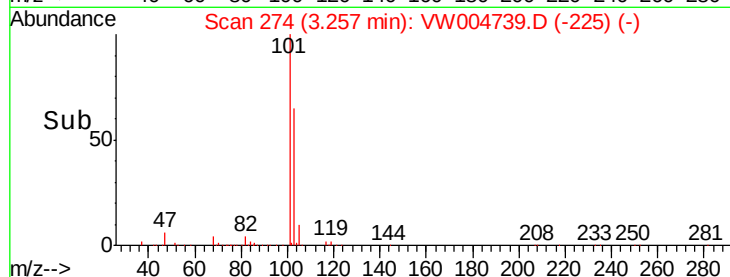
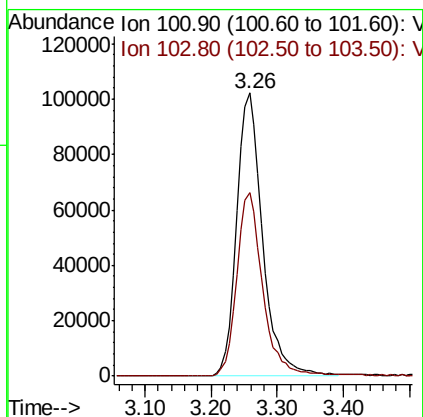
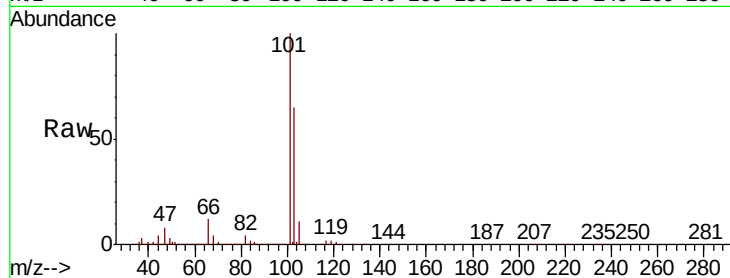
Trichlorofluoromethane
 Concen: 68.11 ug/l
 RT: 3.26 min Scan# 274
 Delta R.T. -0.00 min
 Lab File: VW004739.D
 Acq: 17 Aug 2018 17:37

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC075

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.8	52.5	78.7

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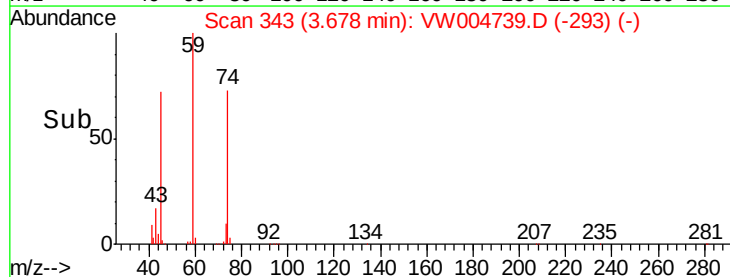
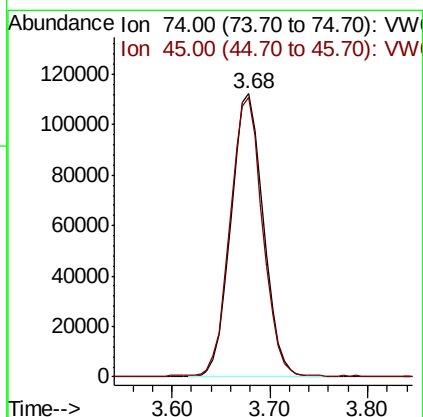
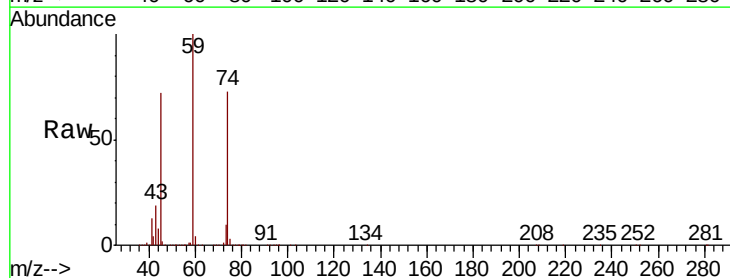
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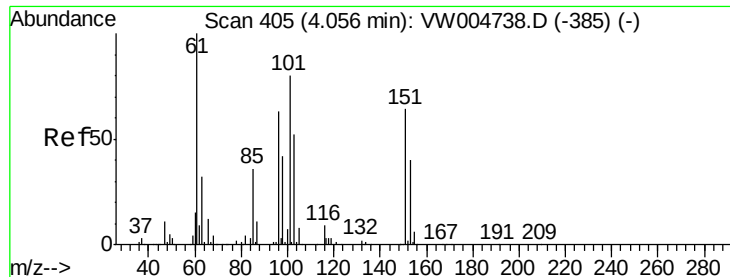


#8

Diethyl Ether
 Concen: 70.21 ug/l
 RT: 3.68 min Scan# 343
 Delta R.T. 0.01 min
 Lab File: VW004739.D
 Acq: 17 Aug 2018 17:37

Tgt Ion	Ratio	Lower	Upper
74	100		
45	98.6	49.8	149.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 67.85 ug/l

RT: 4.06 min Scan# 405

Delta R.T. -0.00 min

Lab File: VW004739.D

Acq: 17 Aug 2018 17:37

Instrument :

MSVOA_W

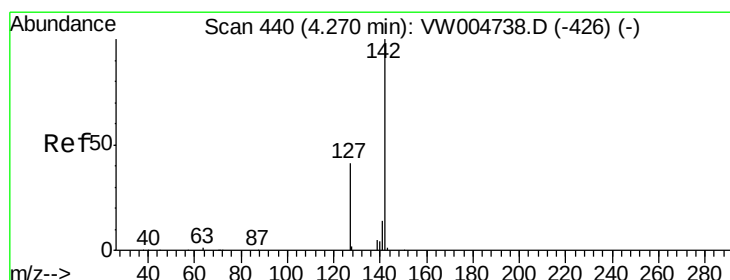
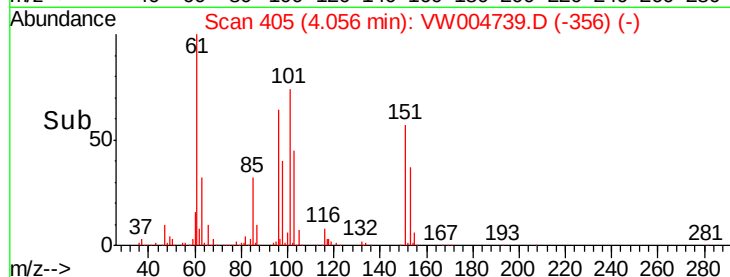
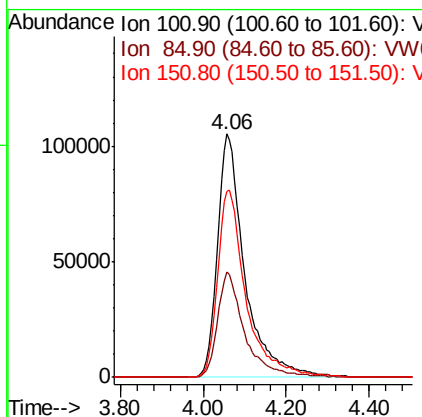
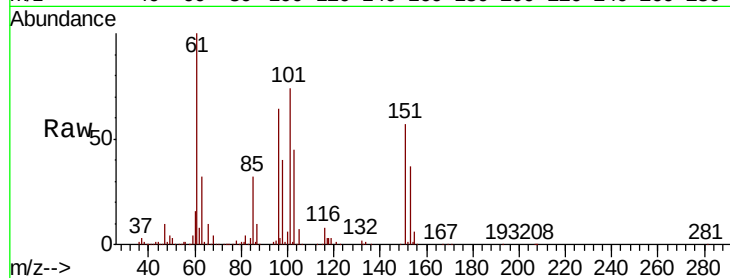
ClientSampleId :

VSTDIC075

Tot Ion:	101	Resp:	476879
Ion Ratio	Lower	Upper	
101	100		
85	43.1	33.9	50.9
151	79.4	63.4	95.2

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#10

Methyl Iodide

Concen: 70.83 ug/l

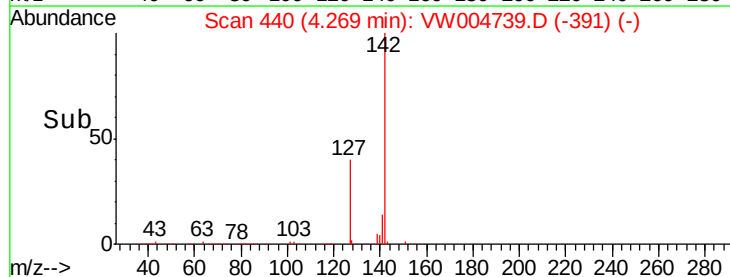
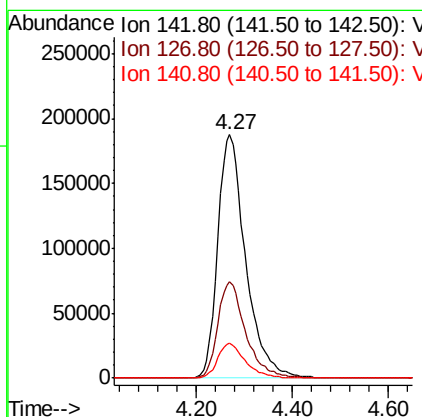
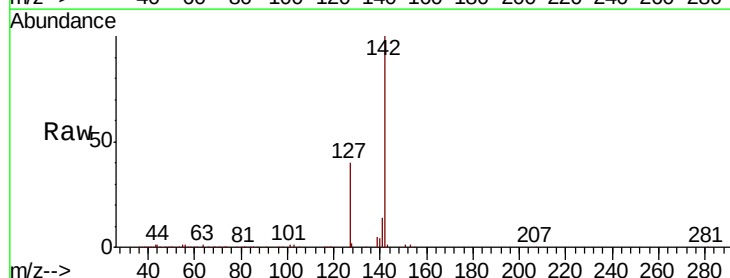
RT: 4.27 min Scan# 440

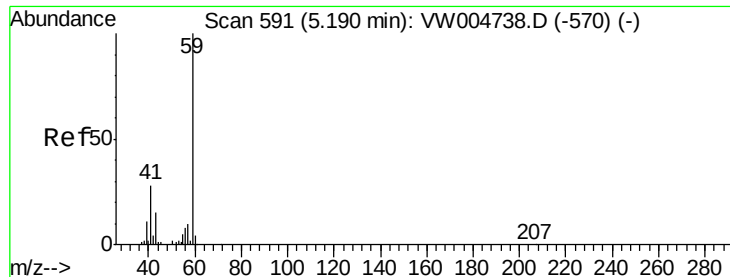
Delta R.T. -0.00 min

Lab File: VW004739.D

Acq: 17 Aug 2018 17:37

Tgt Ion:	142	Resp:	756071
Ion Ratio	Lower	Upper	
142	100		
127	39.6	32.1	48.1
141	14.3	11.7	17.5





#11

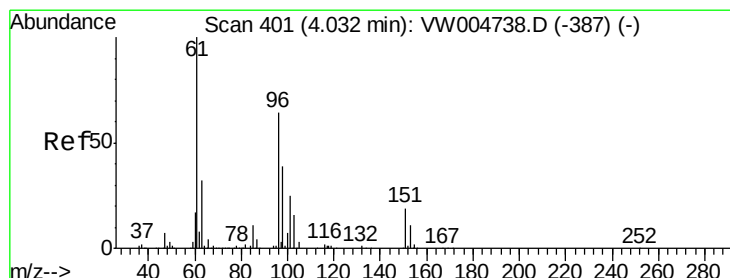
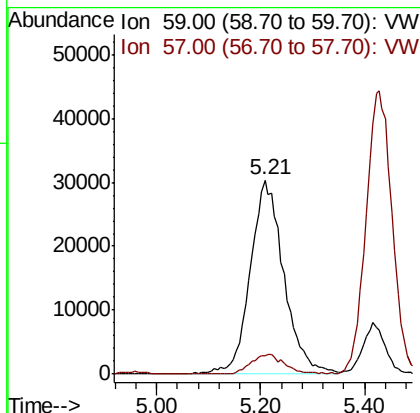
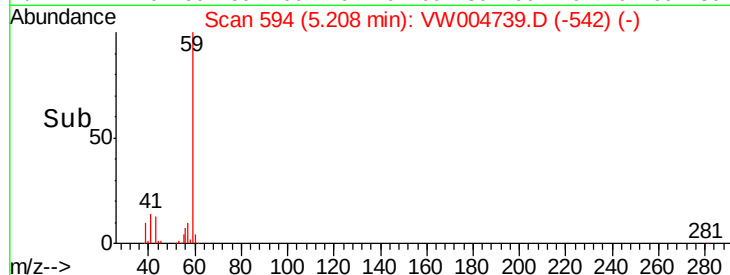
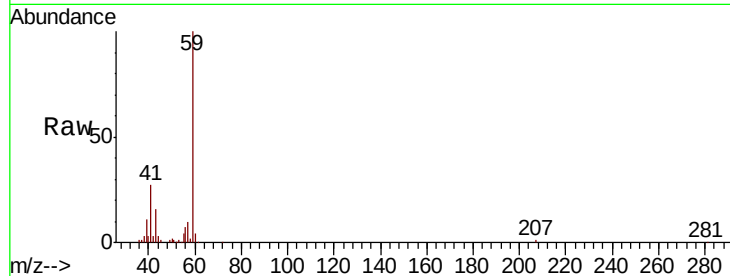
Tert butyl alcohol
Concen: 364.70 ug/l
RT: 5.21 min Scan# 594
Delta R.T. 0.02 min
Lab File: VW004739.D
Acq: 17 Aug 2018 17:37

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

Tot Ion	59	Resp	134932
Ion Ratio	100	Lower	Upper
57	10.4	8.4	12.6

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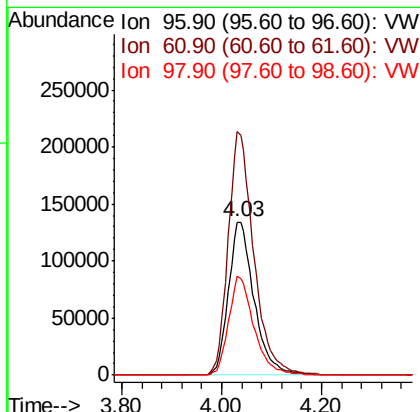
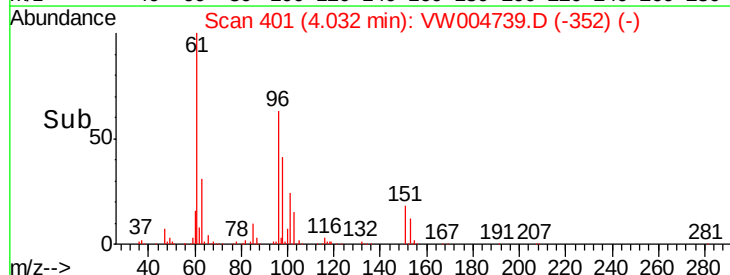
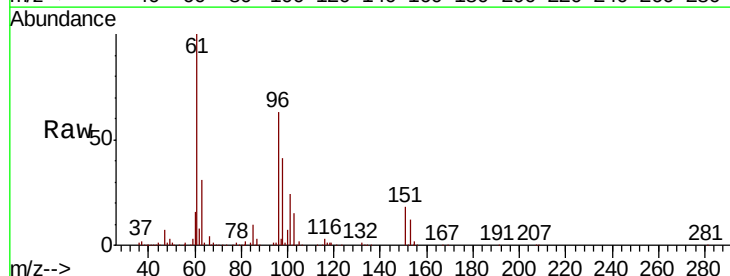
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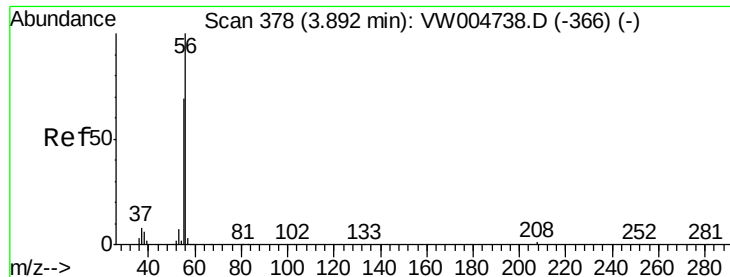


#12

1,1-Dichloroethene
Concen: 68.50 ug/l
RT: 4.03 min Scan# 401
Delta R.T. -0.00 min
Lab File: VW004739.D
Acq: 17 Aug 2018 17:37

Tgt Ion	96	Resp	479759
Ion Ratio	100	Lower	Upper
61	159.0	125.6	188.4
98	64.7	49.4	74.0





#13

Acrolein

Concen: 347.39 ug/l

RT: 3.89 min Scan# 378

Delta R.T. -0.00 min

Lab File: VW004739.D

Acq: 17 Aug 2018 17:37

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC075

Tot Ion: 56 Resp: 171130

Ion Ratio Lower Upper

56 100

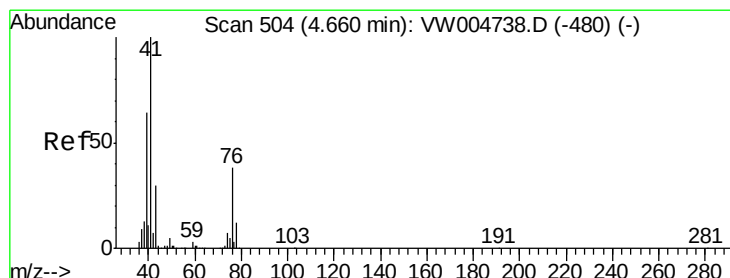
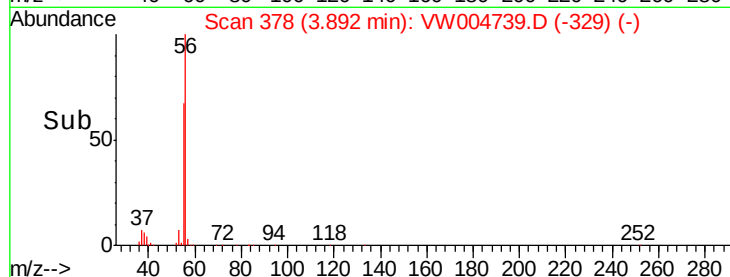
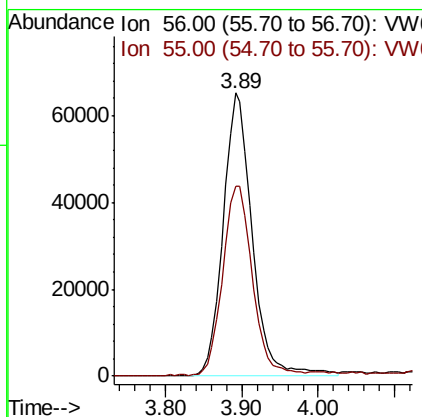
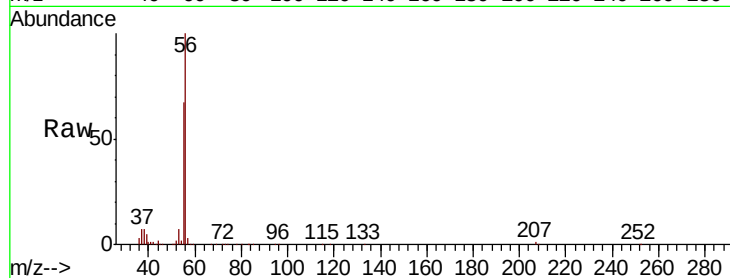
55 67.9 56.1 84.1

Manual Integrations

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#14

Allyl chloride

Concen: 70.91 ug/l

RT: 4.67 min Scan# 505

Delta R.T. 0.01 min

Lab File: VW004739.D

Acq: 17 Aug 2018 17:37

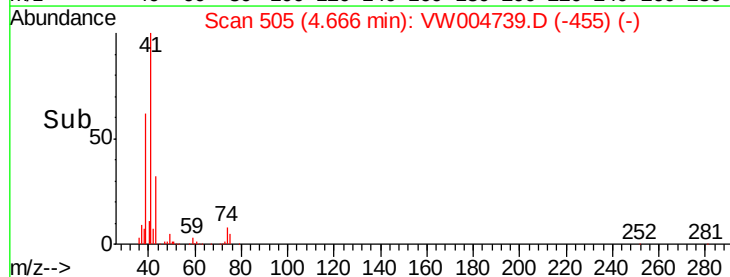
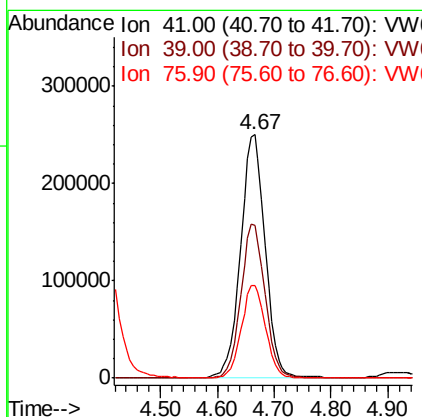
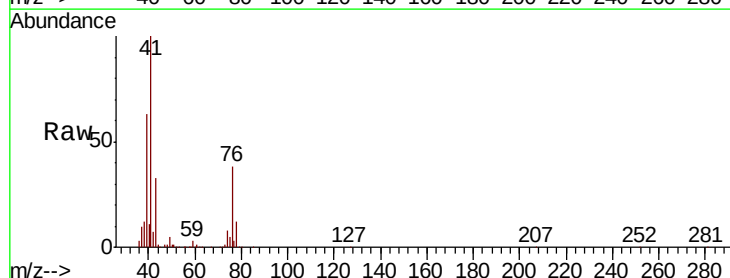
Tgt Ion: 41 Resp: 753697

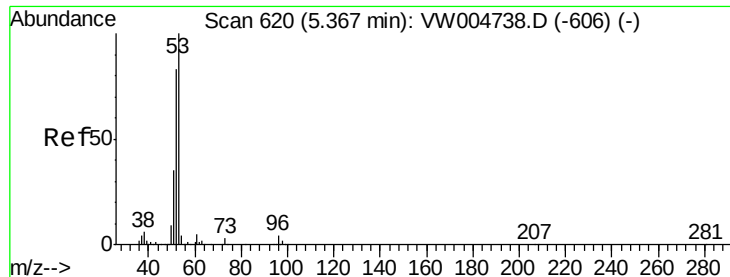
Ion Ratio Lower Upper

41 100

39 62.3 50.0 75.0

76 37.3 29.8 44.6





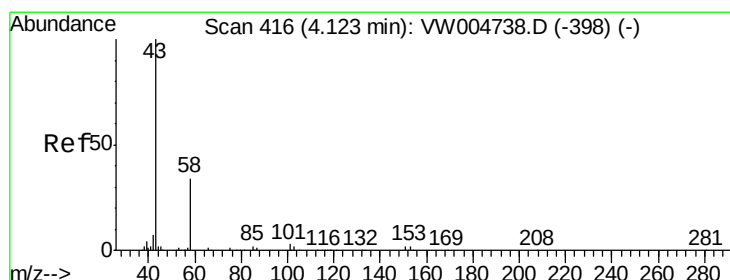
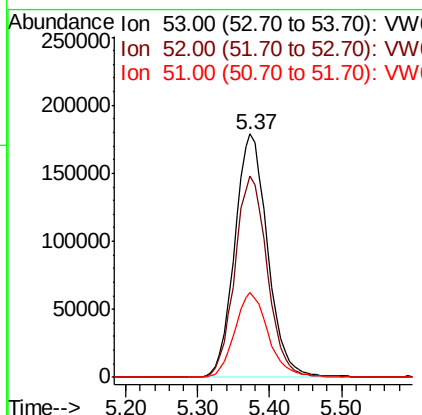
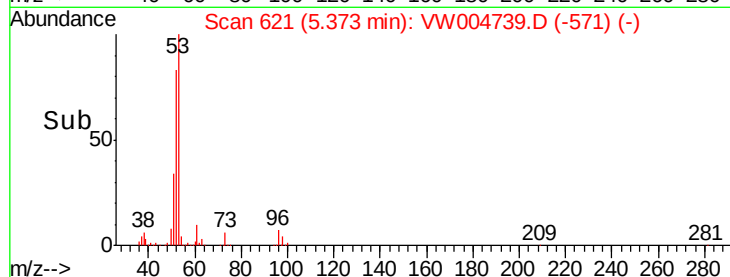
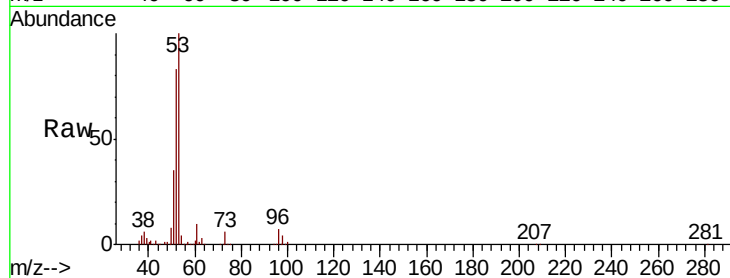
#15
 Acrylonitrile
 Concen: 367.56 ug/l
 RT: 5.37 min Scan# 621
 Delta R.T. 0.01 min
 Lab File: VW004739.D
 Acq: 17 Aug 2018 17:37

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC075

Tot Ion:	53	Resp:	568844
Ion Ratio	Lower	Upper	
53	100		
52	82.1	65.8	98.6
51	35.5	28.7	43.1

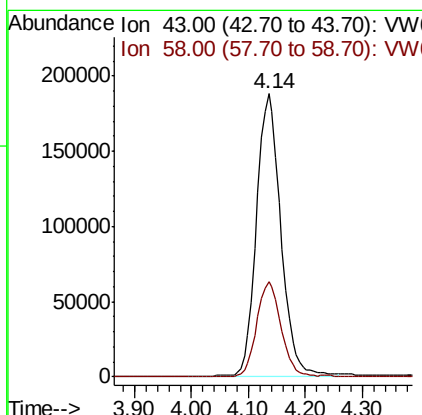
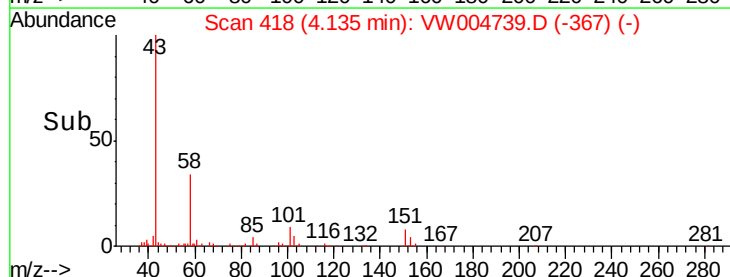
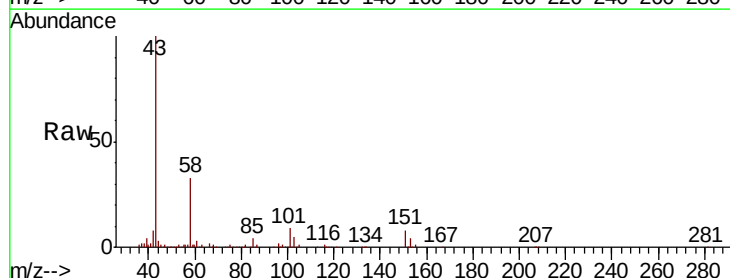
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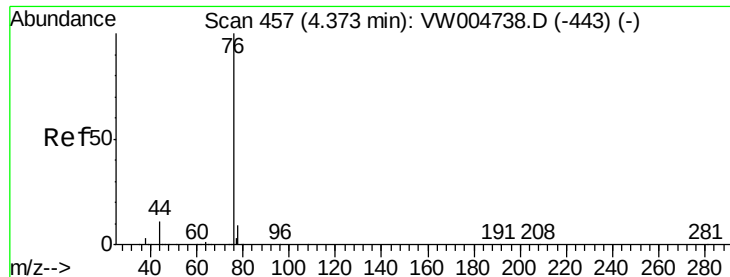
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#16
 Acetone
 Concen: 334.95 ug/l
 RT: 4.14 min Scan# 418
 Delta R.T. 0.01 min
 Lab File: VW004739.D
 Acq: 17 Aug 2018 17:37

Tgt Ion:	43	Resp:	561824
Ion Ratio	Lower	Upper	
43	100		
58	33.3	27.3	40.9





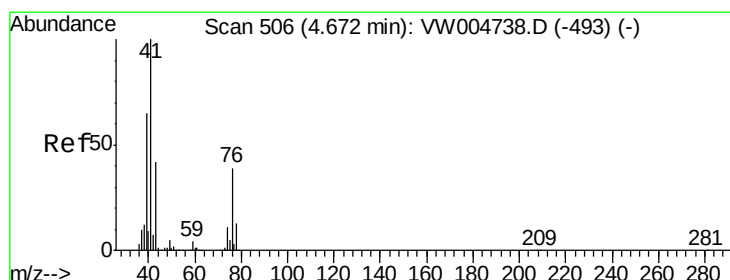
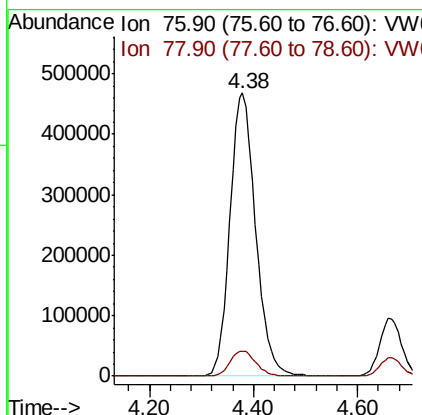
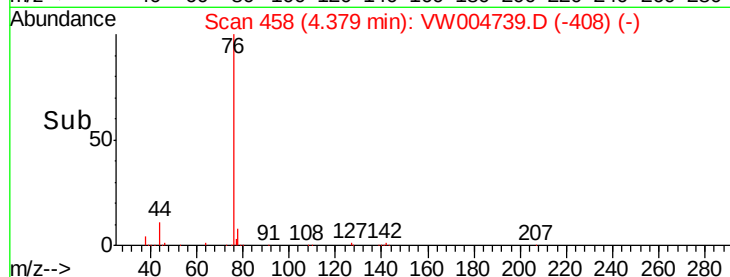
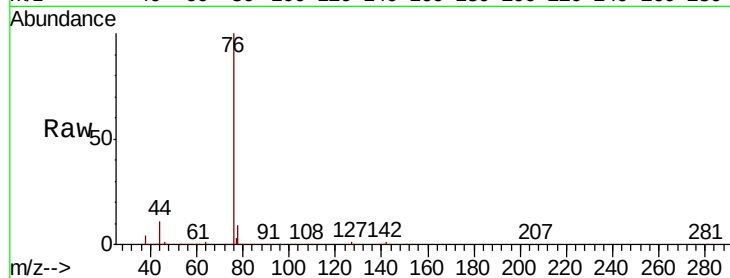
#17
Carbon Disulfide
Concen: 69.39 ug/l
RT: 4.38 min Scan# 458
Delta R.T. 0.01 min
Lab File: VW004739.D
Acq: 17 Aug 2018 17:37

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.7	7.4	11.2

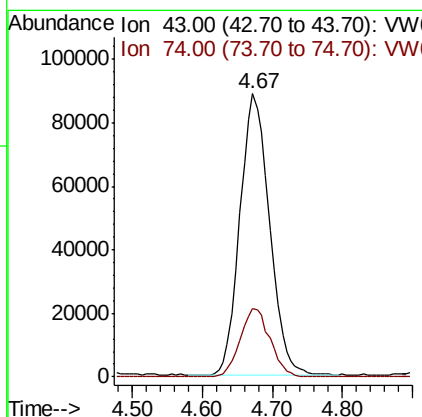
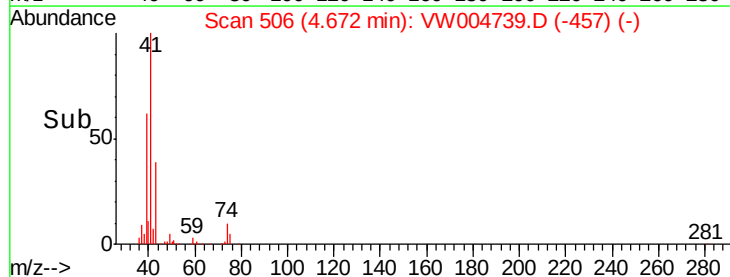
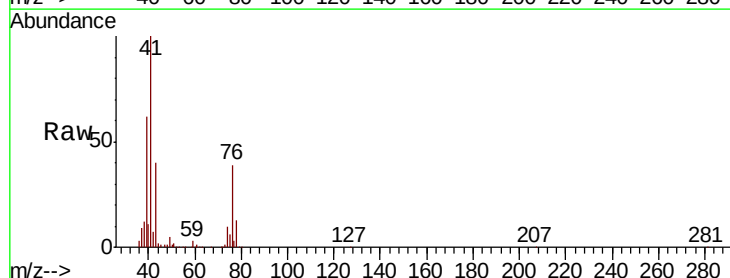
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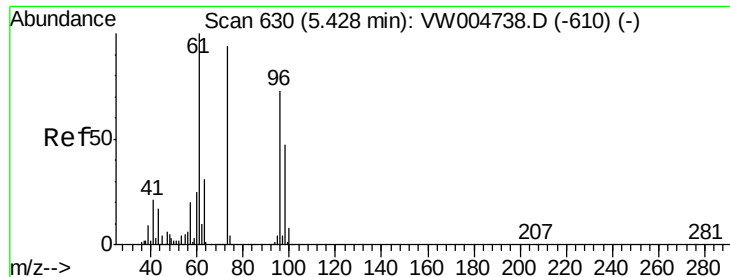
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#18
Methyl Acetate
Concen: 72.96 ug/l
RT: 4.67 min Scan# 506
Delta R.T. -0.00 min
Lab File: VW004739.D
Acq: 17 Aug 2018 17:37

Tgt Ion	Ratio	Lower	Upper
43	100		
74	24.5	19.8	29.8





#19

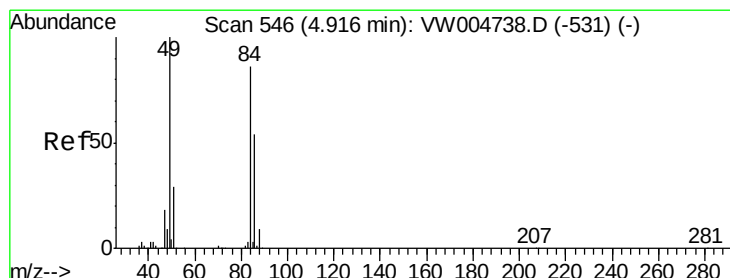
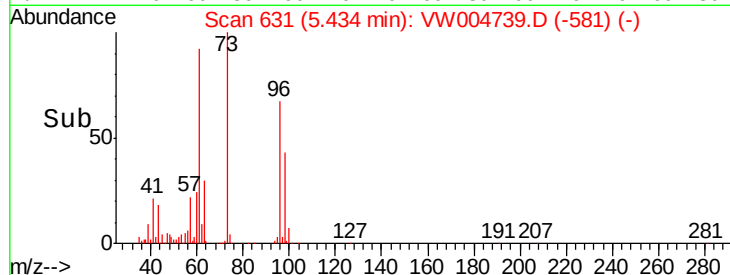
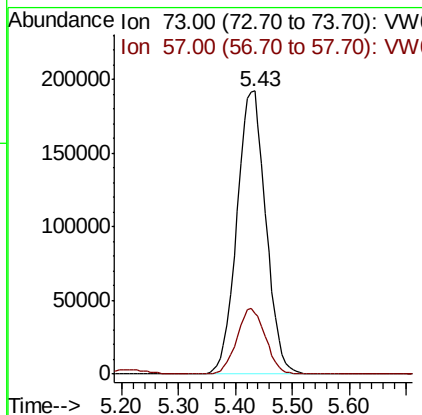
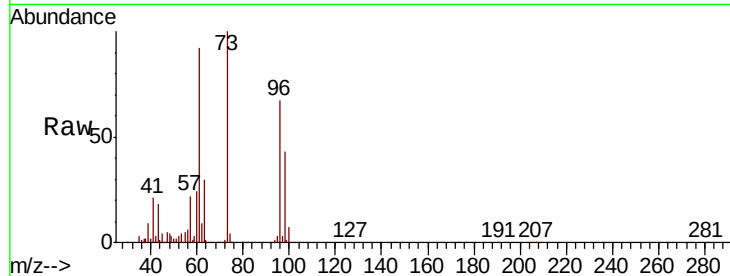
Methyl tert-butyl Ether
 Concen: 74.98 ug/l
 RT: 5.43 min Scan# 631
 Delta R.T. 0.01 min
 Lab File: VW004739.D
 Acq: 17 Aug 2018 17:37

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC075

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.6	17.3	25.9

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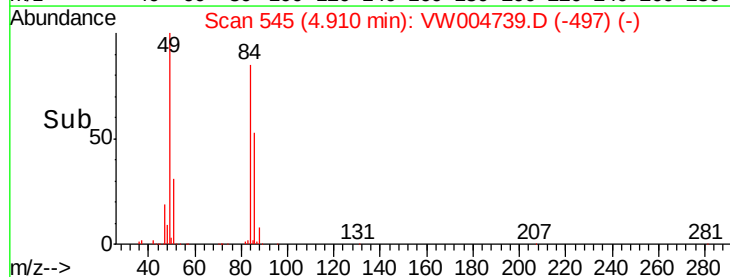
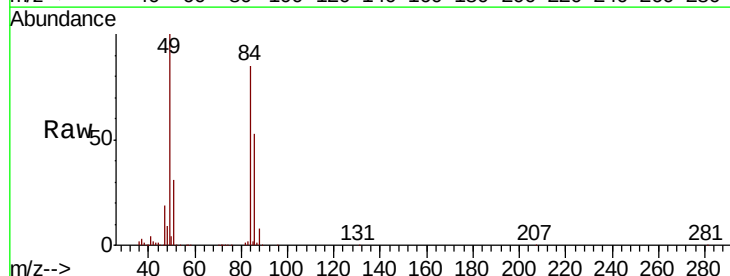
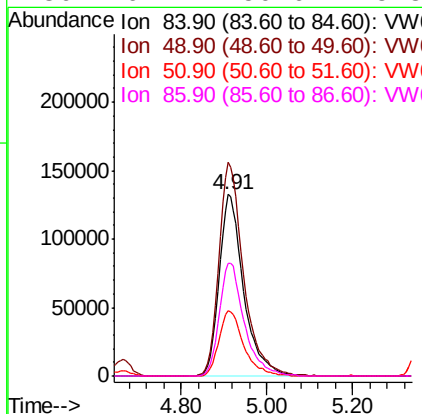
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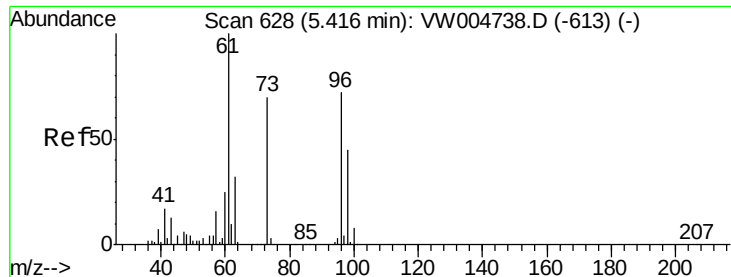


#20

Methylene Chloride
 Concen: 58.14 ug/l
 RT: 4.91 min Scan# 545
 Delta R.T. -0.01 min
 Lab File: VW004739.D
 Acq: 17 Aug 2018 17:37

Tgt Ion	Ratio	Lower	Upper
84	100		
49	117.6	93.2	139.8
51	36.0	27.4	41.0
86	62.1	50.6	75.8





#21

trans-1,2-Dichloroethene

Concen: 70.24 ug/l

RT: 5.42 min Scan# 629

Delta R.T. 0.01 min

Lab File: VW004739.D

Acq: 17 Aug 2018 17:37

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC075

Tot Ion: 96 Resp: 523395

Ion Ratio Lower Upper

96 100

61 136.4 111.4 167.0

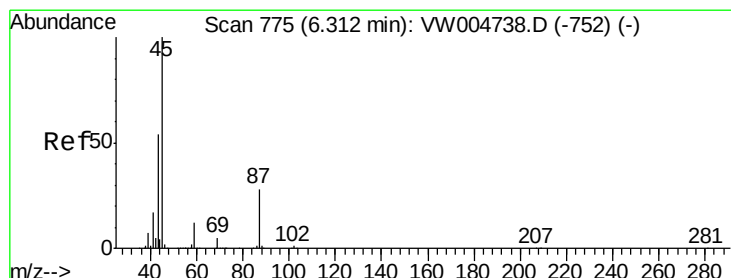
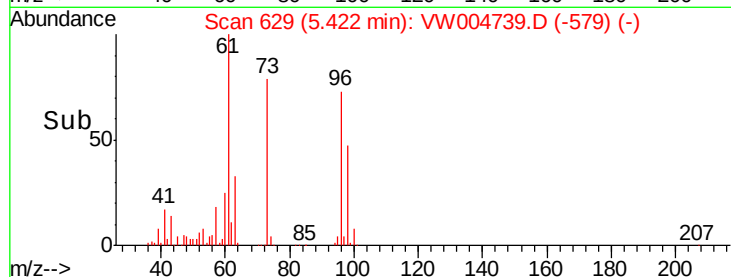
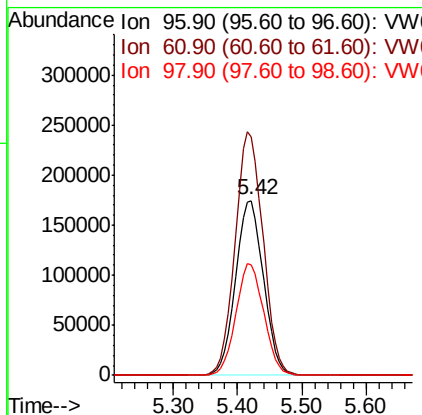
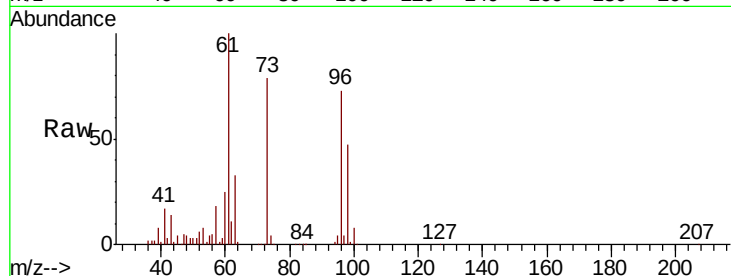
98 63.5 49.7 74.5

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#22

Diisopropyl ether

Concen: 73.68 ug/l

RT: 6.31 min Scan# 775

Delta R.T. -0.00 min

Lab File: VW004739.D

Acq: 17 Aug 2018 17:37

Tgt Ion: 45 Resp: 1505202

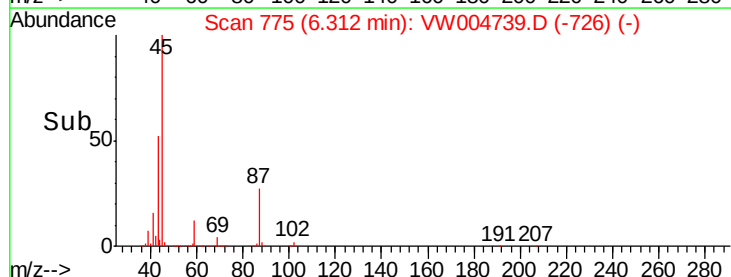
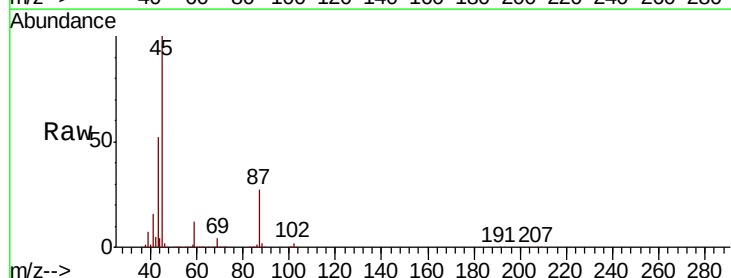
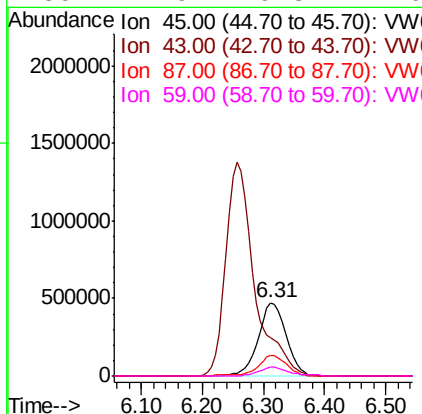
Ion Ratio Lower Upper

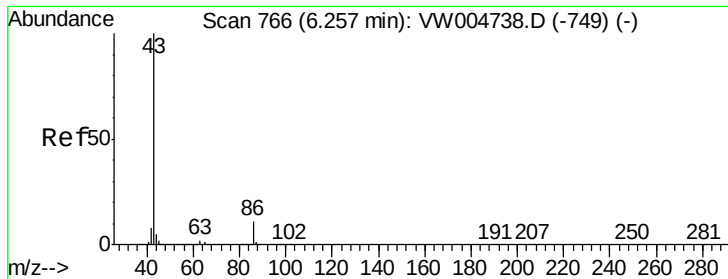
45 100

43 51.6 43.0 64.6

87 27.1 22.2 33.4

59 11.9 9.8 14.6





#23

Vinyl Acetate

Concen: 386.29 ug/l

RT: 6.26 min Scan# 766

Delta R.T. -0.00 min

Lab File: VW004739.D

Acq: 17 Aug 2018 17:37

Tot Ion: 43 Resp: 4463680

Ion Ratio Lower Upper

43 100

86 10.5 8.5 12.7

Instrument :

MSVOA_W

ClientSampleId :

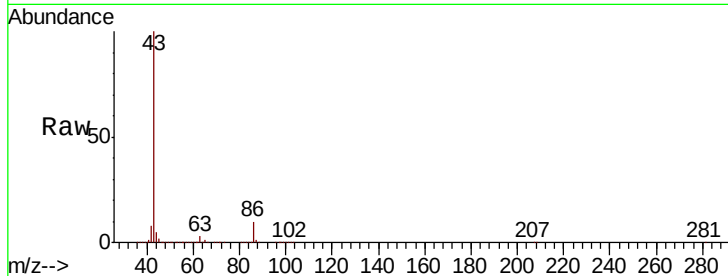
VSTDIC075

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Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW

1500000

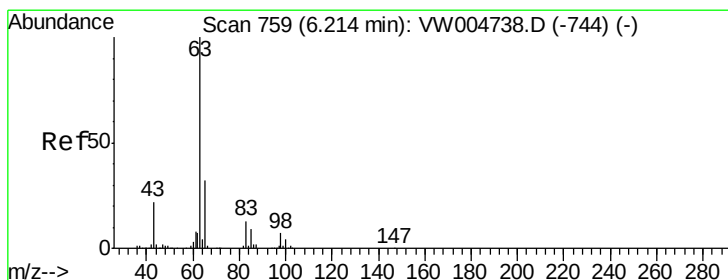
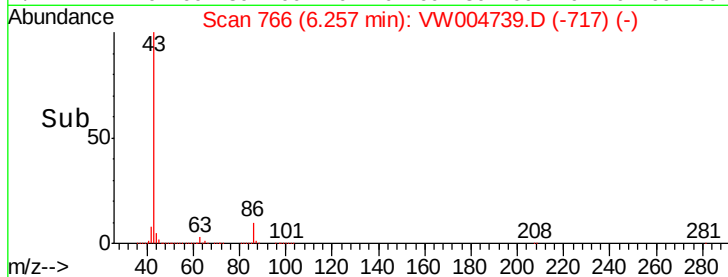
1000000

500000

0

6.10 6.20 6.30 6.40 6.50

Time-->



#24

1,1-Dichloroethane

Concen: 69.80 ug/l

RT: 6.21 min Scan# 759

Delta R.T. -0.00 min

Lab File: VW004739.D

Acq: 17 Aug 2018 17:37

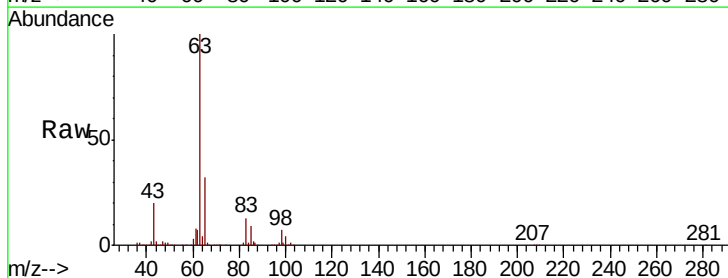
Tgt Ion: 63 Resp: 926683

Ion Ratio Lower Upper

63 100

98 7.0 3.5 10.4

100 4.1 2.1 6.3



Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW

400000

300000

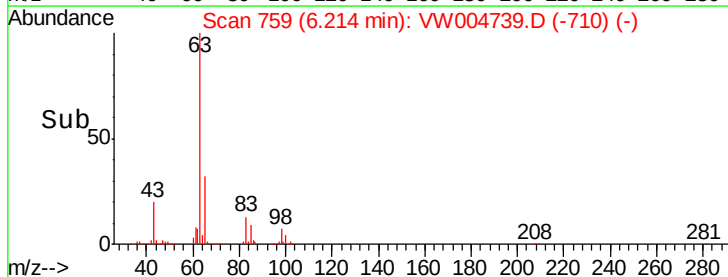
200000

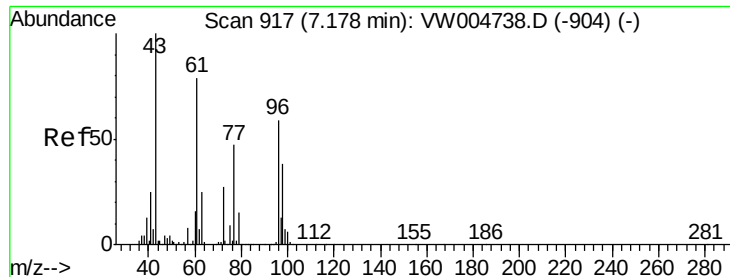
100000

0

6.00 6.10 6.20 6.30 6.40

Time-->





#25

2-Butanone

Concen: 365.93 ug/l

RT: 7.18 min Scan# 917

Delta R.T. -0.00 min

Lab File: VW004739.D

Acq: 17 Aug 2018 17:37

Tot Ion: 43 Resp: 874544

Ion Ratio Lower Upper

43 100

72 27.2 22.0 33.0

Instrument :

MSVOA_W

ClientSampleId :

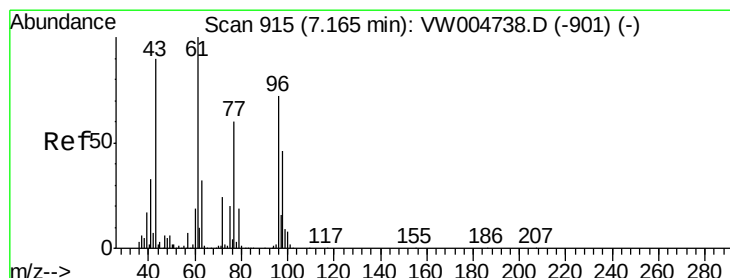
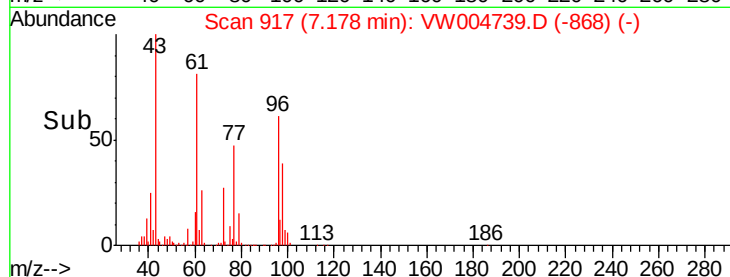
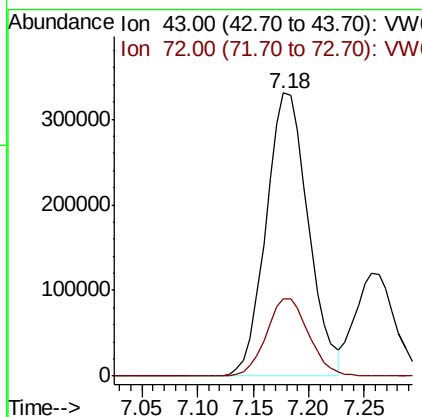
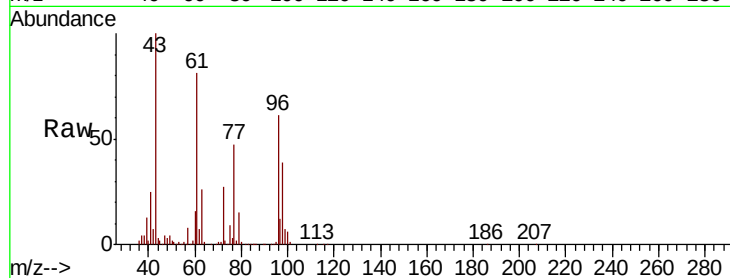
VSTDIC075

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 66.28 ug/l

RT: 7.17 min Scan# 915

Delta R.T. -0.00 min

Lab File: VW004739.D

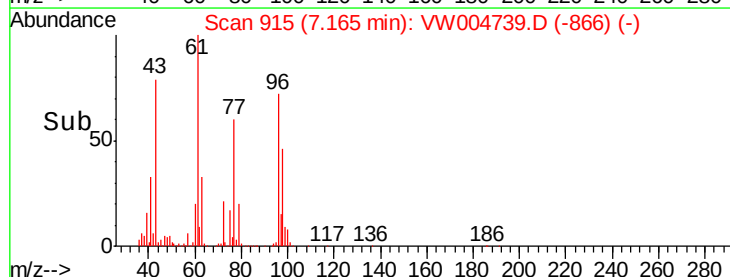
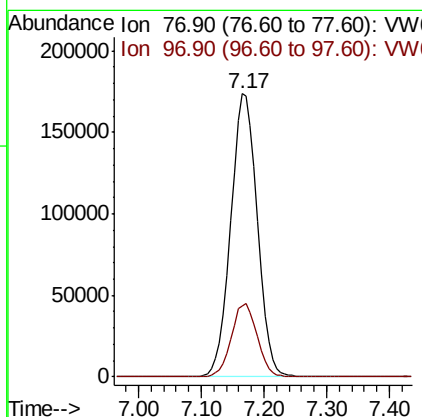
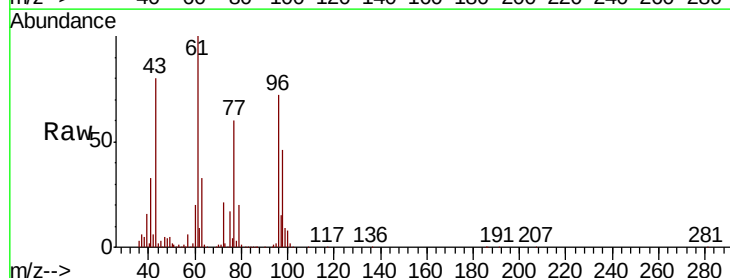
Acq: 17 Aug 2018 17:37

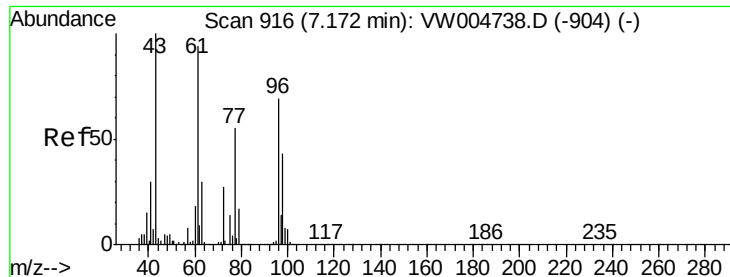
Tgt Ion: 77 Resp: 508242

Ion Ratio Lower Upper

77 100

97 25.1 12.6 37.8





#27

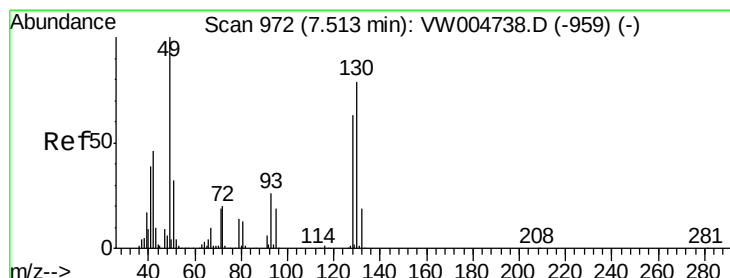
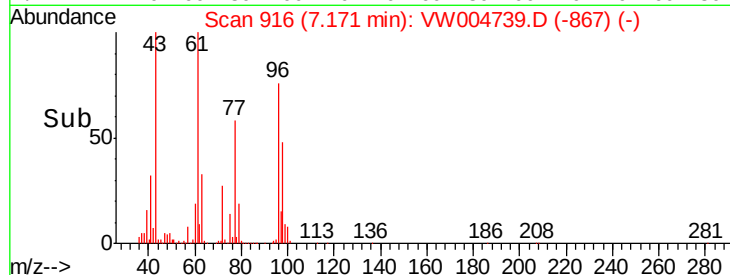
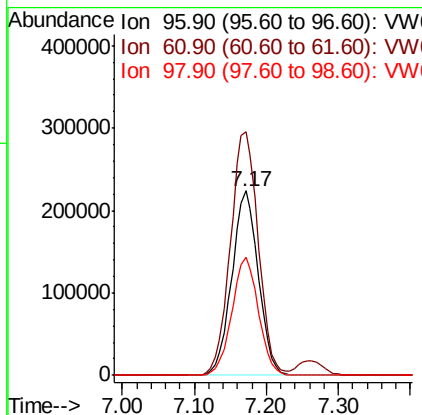
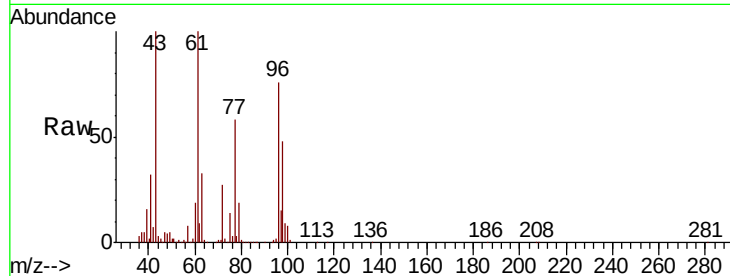
cis-1,2-Dichloroethene
 Concen: 71.08 ug/l
 RT: 7.17 min Scan# 916
 Delta R.T. -0.00 min
 Lab File: VW004739.D
 Acq: 17 Aug 2018 17:37

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC075

Tot Ion	Ratio	Resp	Lower	Upper
96	100	570250		
61	138.8		0.0	277.6
98	64.2		0.0	127.4

Manual Integrations
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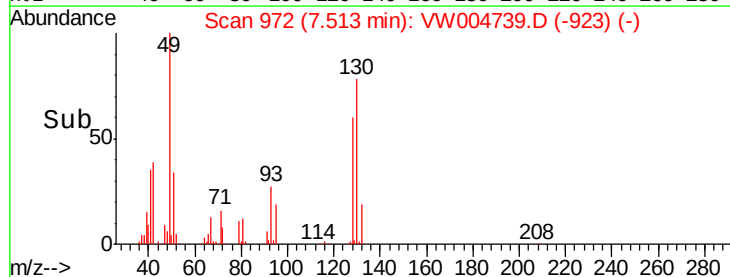
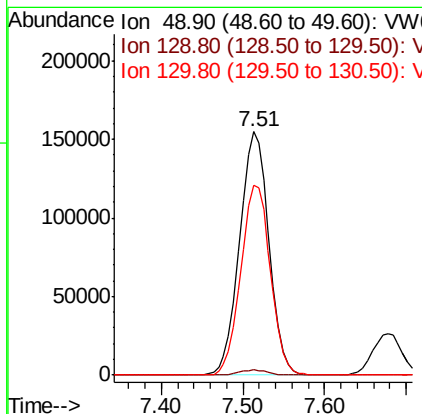
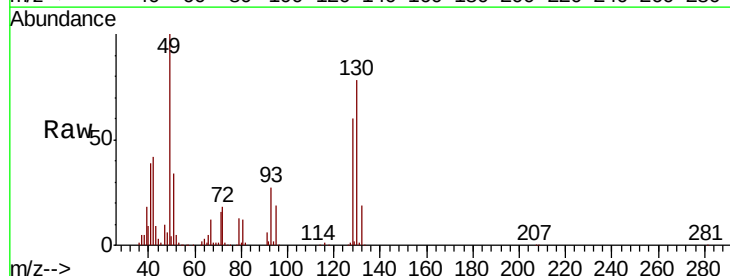
apatel
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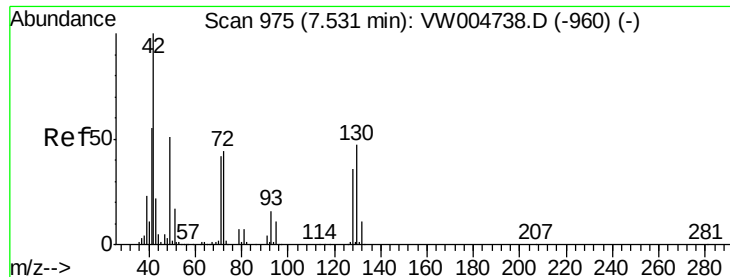


#28

Bromochloromethane
 Concen: 69.10 ug/l
 RT: 7.51 min Scan# 972
 Delta R.T. -0.00 min
 Lab File: VW004739.D
 Acq: 17 Aug 2018 17:37

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	386280		
129	2.0		0.0	4.4
130	78.7		63.7	95.5





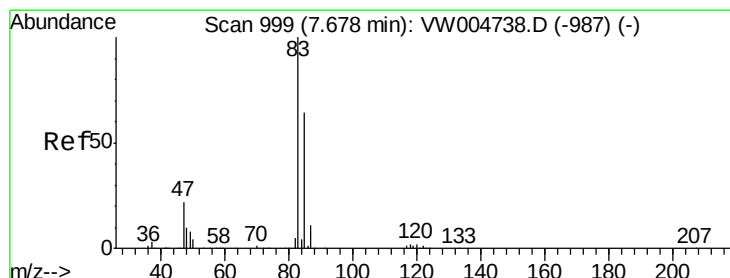
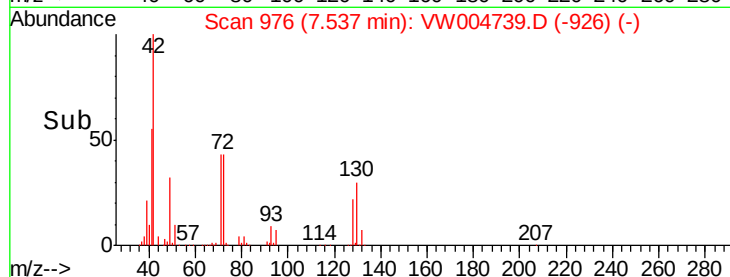
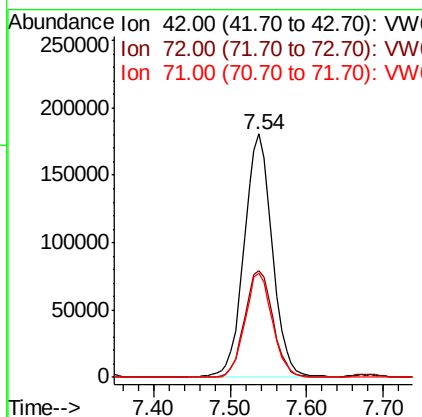
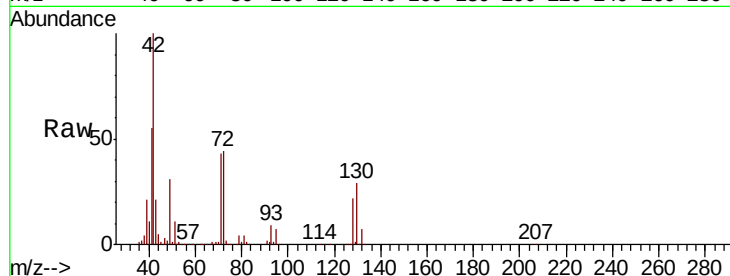
#29
Tetrahydrofuran
Concen: 378.25 ug/l
RT: 7.54 min Scan# 976
Delta R.T. 0.01 min
Lab File: VW004739.D
Acq: 17 Aug 2018 17:37

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

Tot Ion	Ratio	Lower	Upper
42	100		
72	44.5	34.9	52.3
71	42.0	33.8	50.6

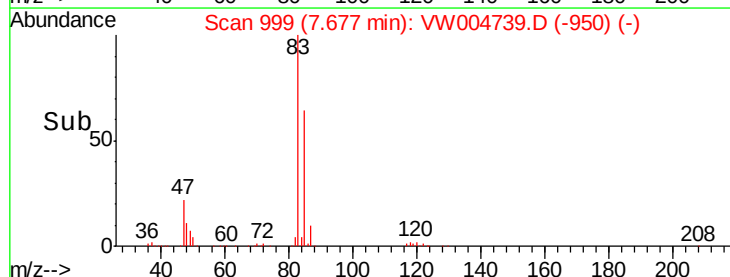
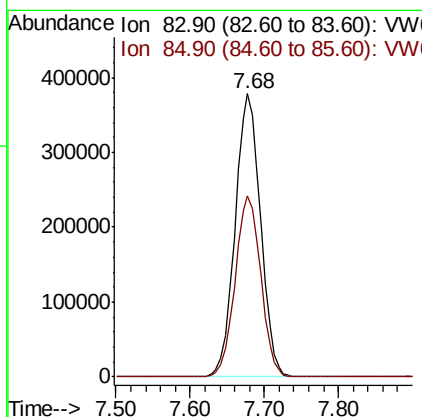
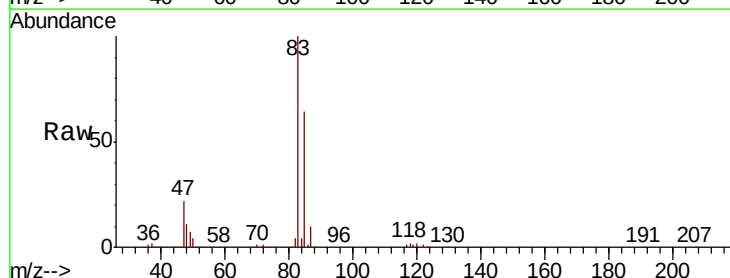
Manual Integrations
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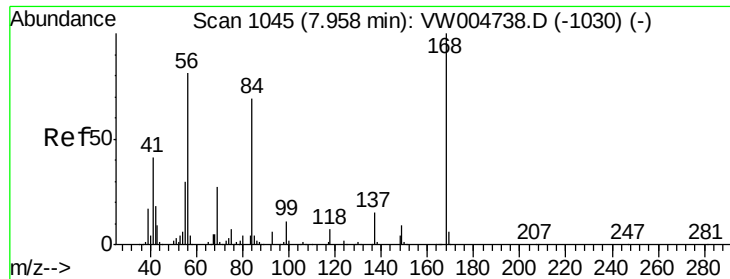
apatel
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#30
Chloroform
Concen: 69.15 ug/l
RT: 7.68 min Scan# 999
Delta R.T. -0.00 min
Lab File: VW004739.D
Acq: 17 Aug 2018 17:37

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.8	51.0	76.6





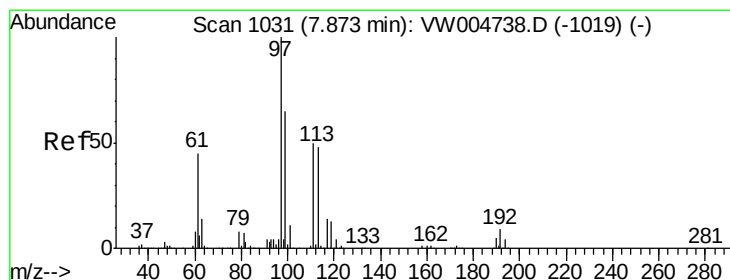
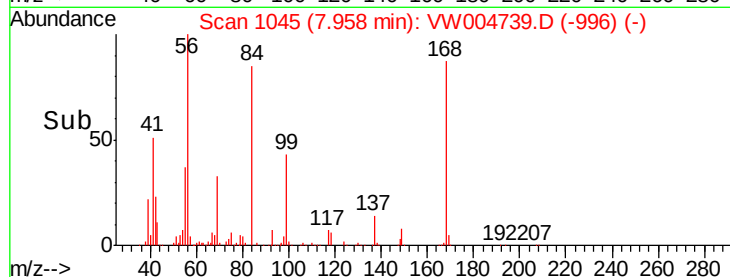
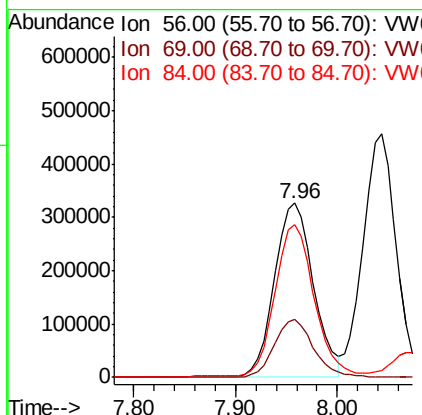
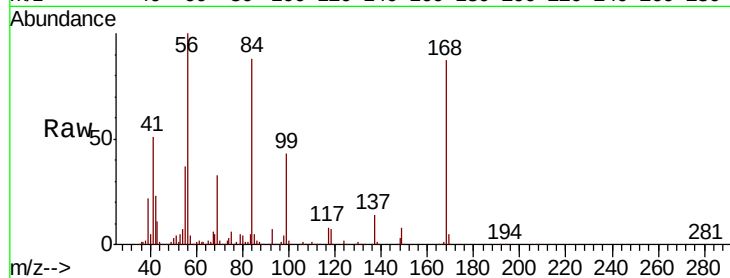
#31
Cyclohexane
Concen: 67.57 ug/l
RT: 7.96 min Scan# 1045
Delta R.T. -0.00 min
Lab File: VW004739.D
Acq: 17 Aug 2018 17:37

Instrument :
MSVOA_W
ClientSampled :
VSTDIC075

Tot Ion	Ratio	Lower	Upper
56	100		
69	33.3	27.1	40.7
84	87.0	68.3	102.5

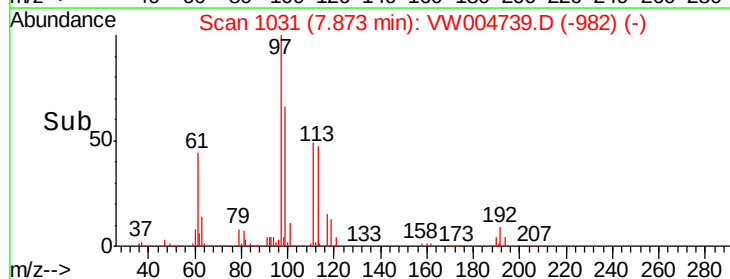
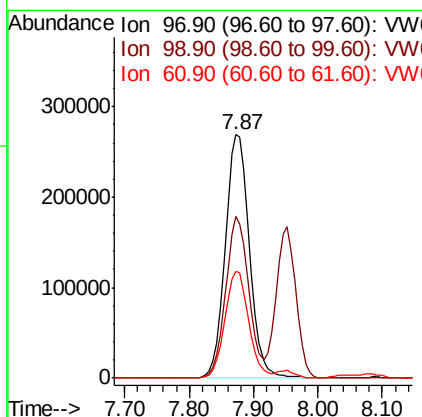
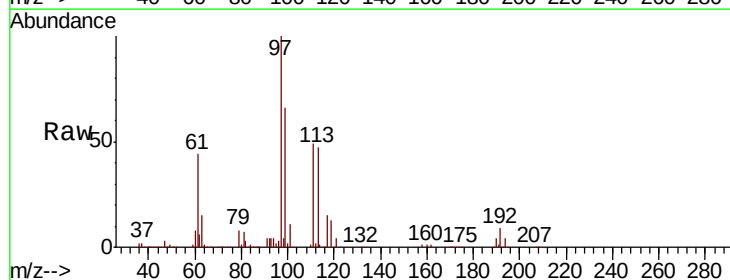
Manual Integrations
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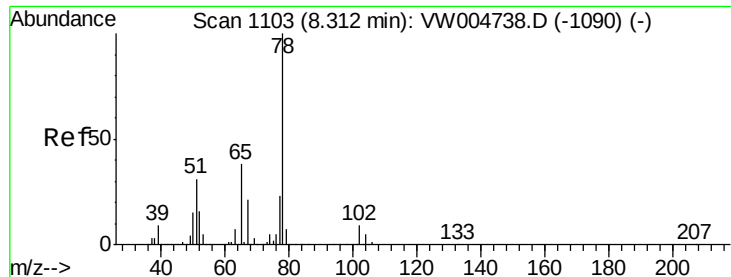
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#32
1,1,1-Trichloroethane
Concen: 68.75 ug/l
RT: 7.87 min Scan# 1031
Delta R.T. -0.00 min
Lab File: VW004739.D
Acq: 17 Aug 2018 17:37

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.6	51.7	77.5
61	43.2	34.4	51.6





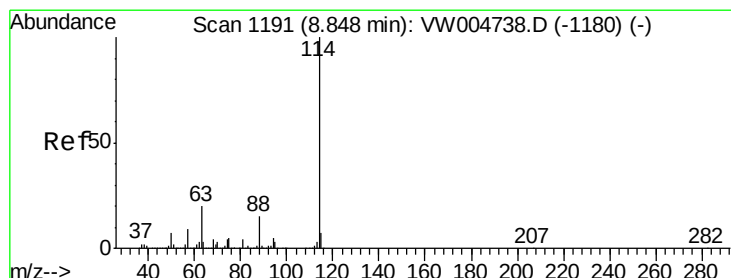
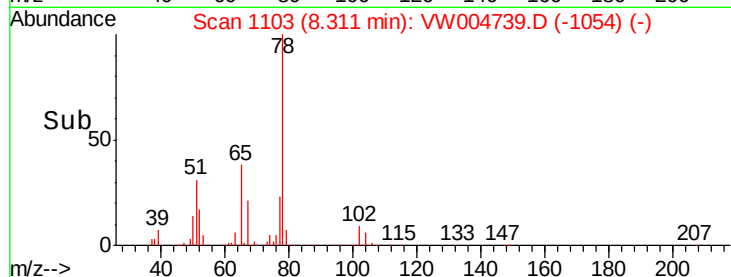
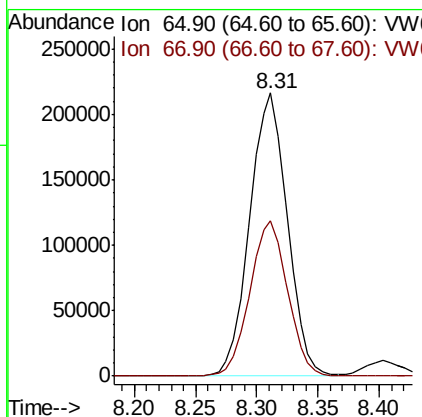
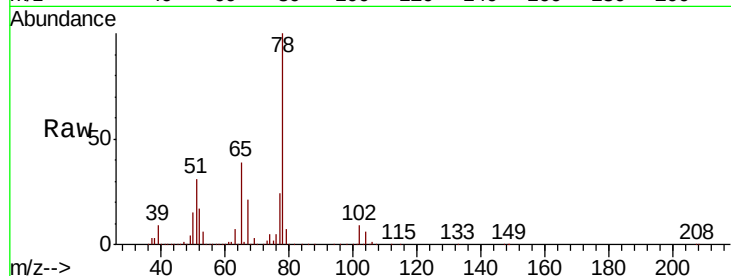
#33
 1,2-Dichloroethane-d4
 Concen: 70.68 ug/l
 RT: 8.31 min Scan# 1103
 Delta R.T. -0.00 min
 Lab File: VW004739.D
 Acq: 17 Aug 2018 17:37

Instrument :
 MSVOA_W
 ClientSampled :
 VSTDIC075

Tot Ion	Ratio	Resp	Lower	Upper
65	100	464441		
67	55.0	0.0	109.4	

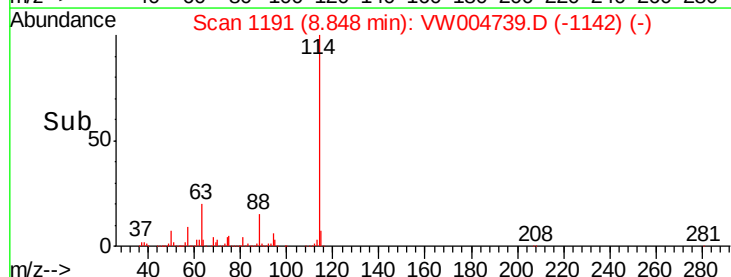
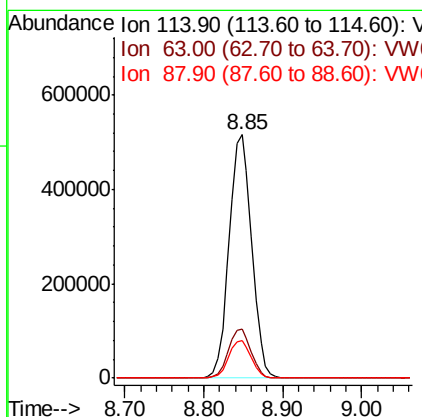
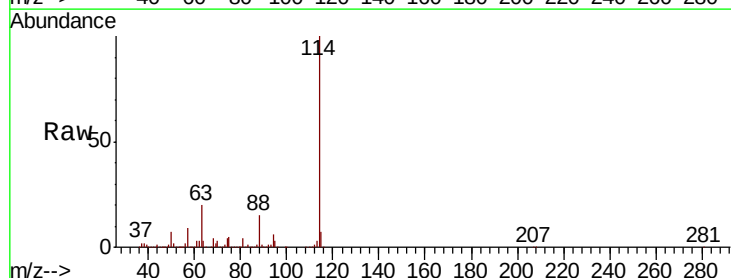
Manual Integrations
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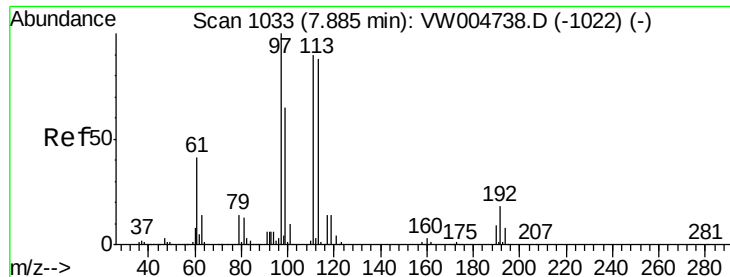
apatel
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. -0.00 min
 Lab File: VW004739.D
 Acq: 17 Aug 2018 17:37

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	1025148		
63	19.9	0.0	39.0	
88	15.2	0.0	30.0	





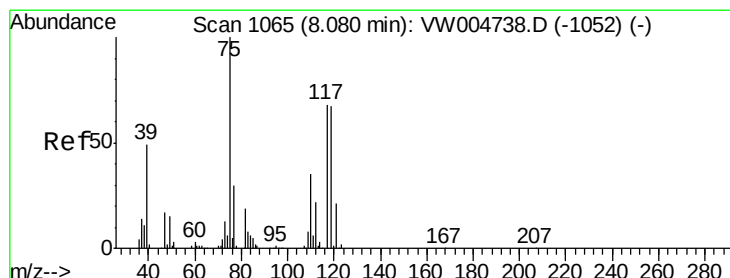
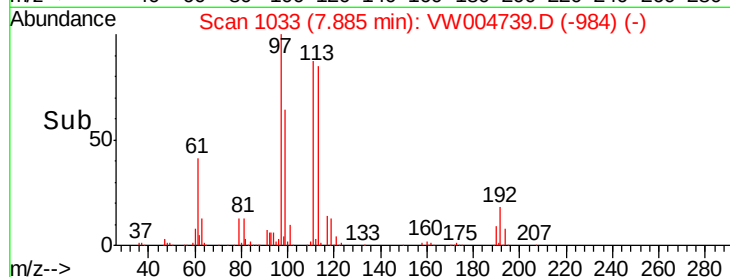
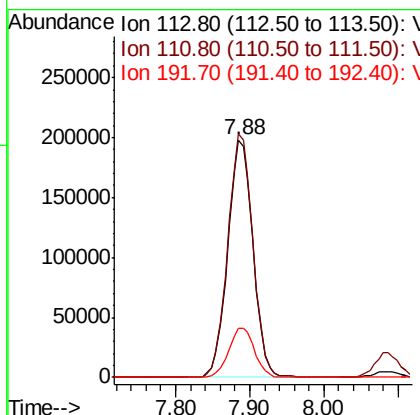
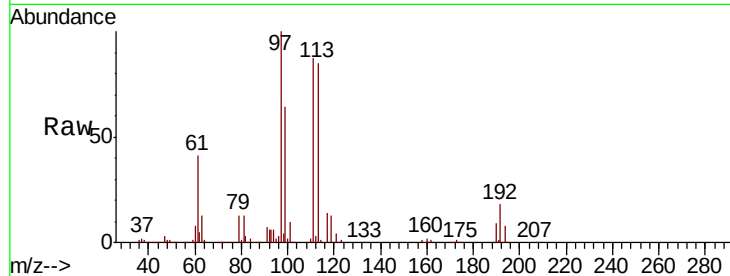
#35
 Dibromofluoromethane
 Concen: 71.27 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. -0.00 min
 Lab File: VW004739.D
 Acq: 17 Aug 2018 17:37

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC075

Tot Ion	Ratio	Resp	Lower	Upper
113	100	466948		
111	102.6	82.4	123.6	
192	21.0	16.7	25.1	

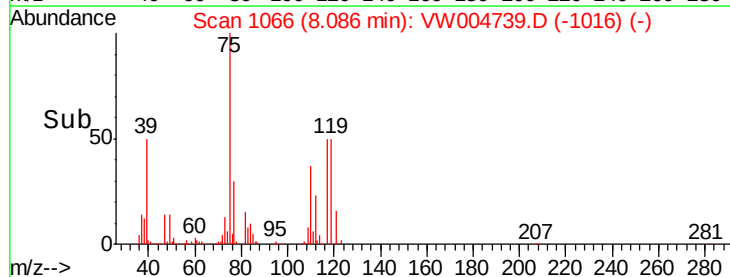
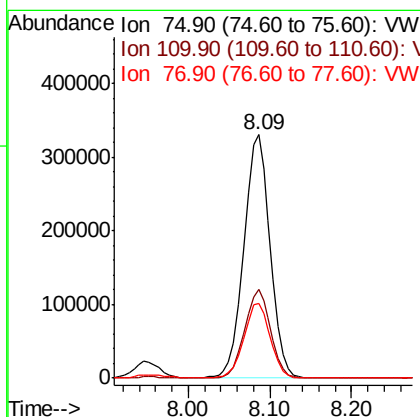
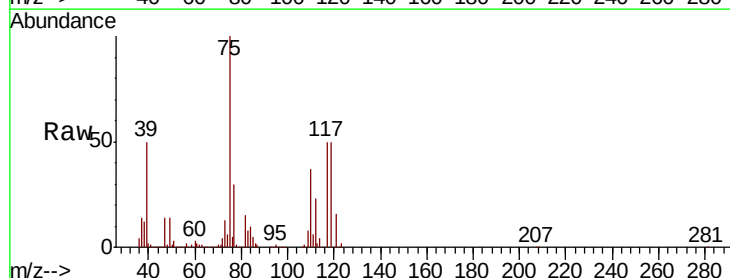
Manual Integrations
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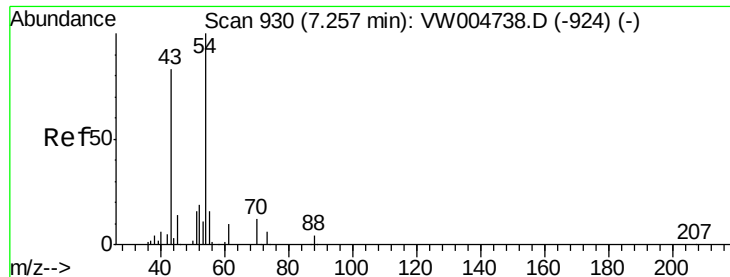
apatel
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#36
 1,1-Dichloropropene
 Concen: 69.87 ug/l
 RT: 8.09 min Scan# 1066
 Delta R.T. 0.01 min
 Lab File: VW004739.D
 Acq: 17 Aug 2018 17:37

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	737853		
110	35.9	17.8	53.5	
77	31.1	24.9	37.3	





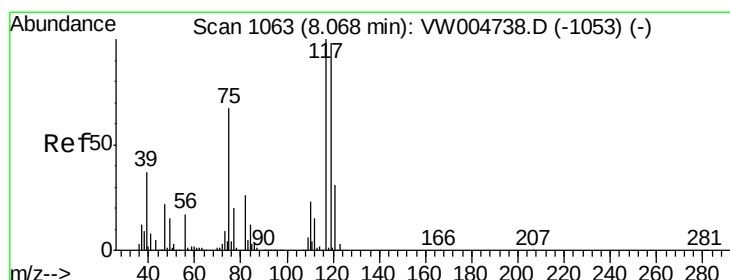
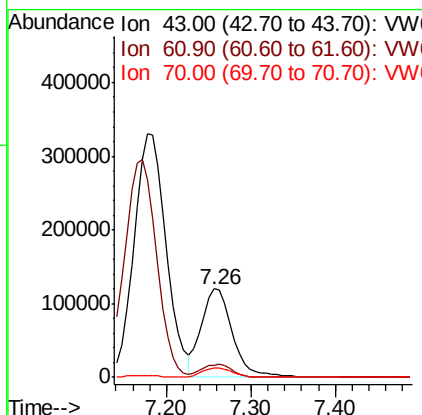
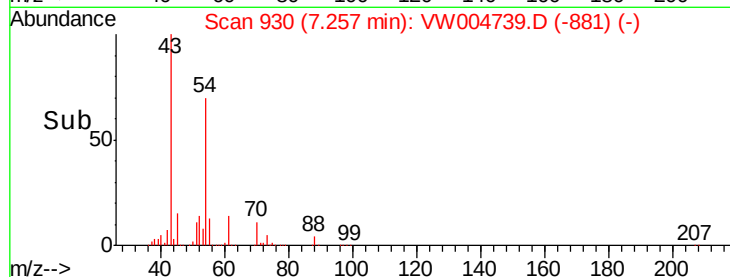
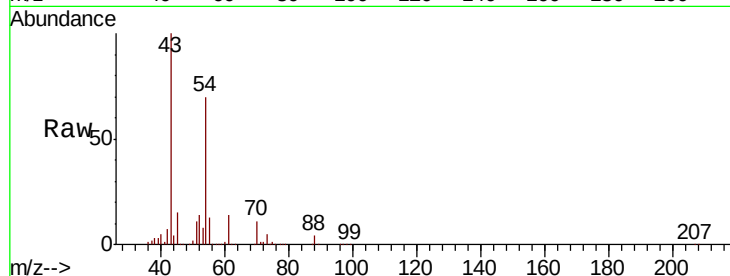
#37
Ethyl Acetate
Concen: 73.11 ug/l
RT: 7.26 min Scan# 930
Delta R.T. -0.00 min
Lab File: VW004739.D
Acq: 17 Aug 2018 17:37

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.8	11.6	17.4
70	10.9	9.2	13.8

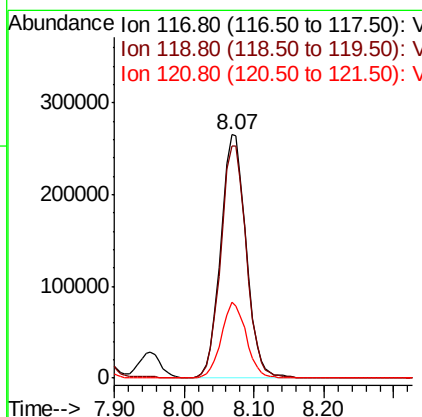
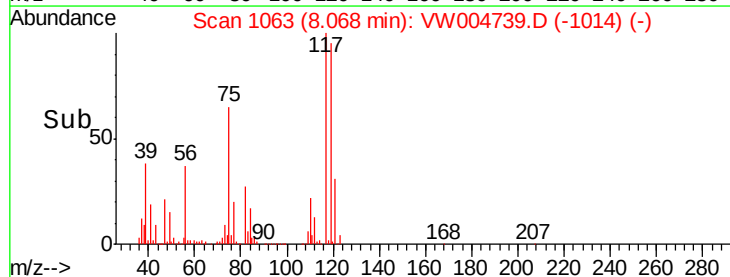
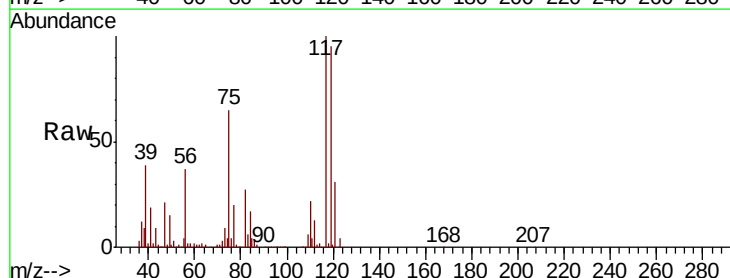
Manual Integrations
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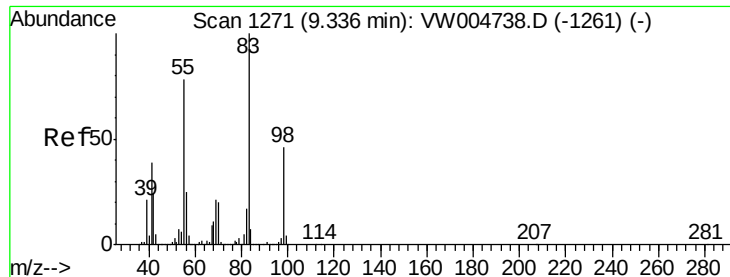
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#38
Carbon Tetrachloride
Concen: 68.98 ug/l
RT: 8.07 min Scan# 1063
Delta R.T. -0.00 min
Lab File: VW004739.D
Acq: 17 Aug 2018 17:37

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.3	78.0	117.0
121	31.1	24.8	37.2





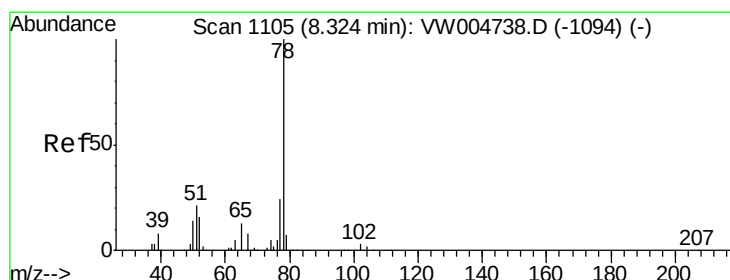
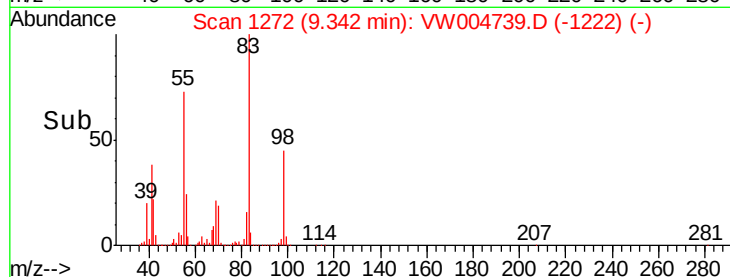
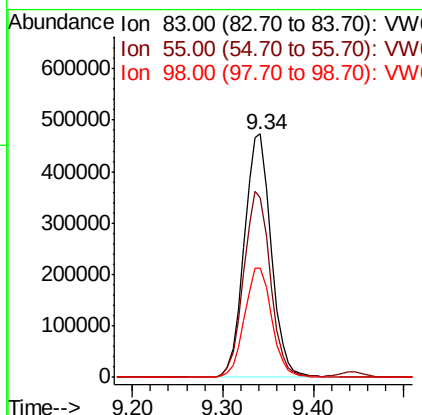
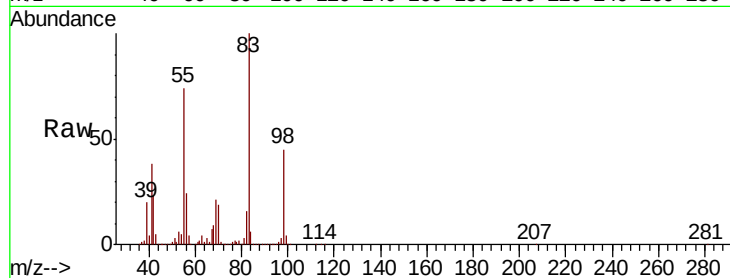
#39
Methylvlcyclohexane
Concen: 73.67 ug/l
RT: 9.34 min Scan# 1272
Delta R.T. 0.01 min
Lab File: VW004739.D
Acq: 17 Aug 2018 17:37

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

Tot Ion	Ratio	Resp	Lower	Upper
83	100			
55	73.5	62.4	93.6	
98	45.0	36.5	54.7	

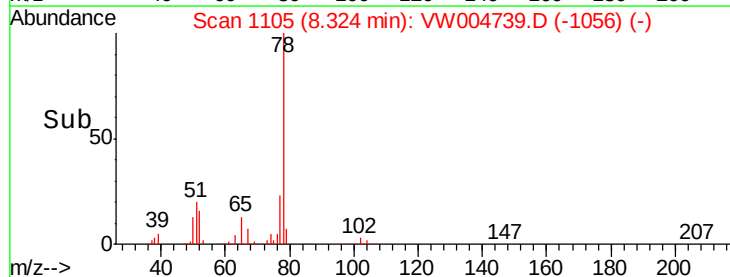
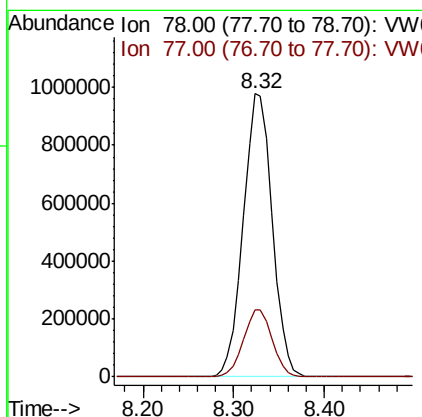
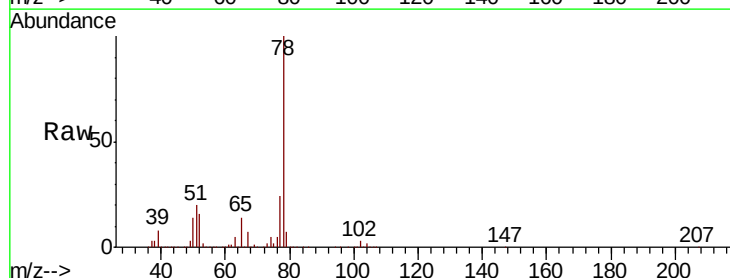
Manual Integrations
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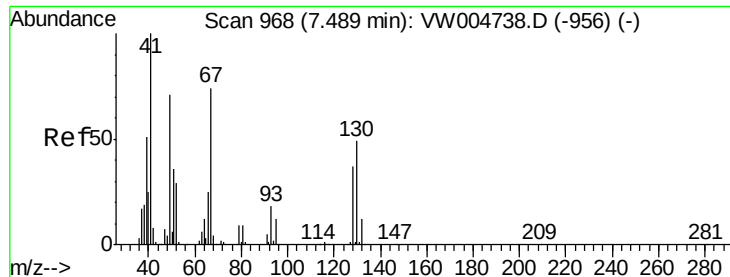
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#40
Benzene
Concen: 70.43 ug/l
RT: 8.32 min Scan# 1105
Delta R.T. -0.00 min
Lab File: VW004739.D
Acq: 17 Aug 2018 17:37

Tgt Ion	Ratio	Resp	Lower	Upper
78	100			
77	23.5	19.0	28.6	





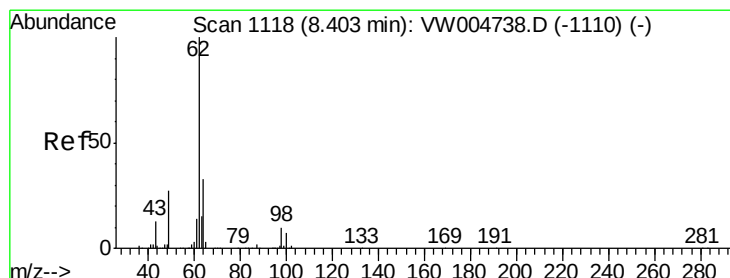
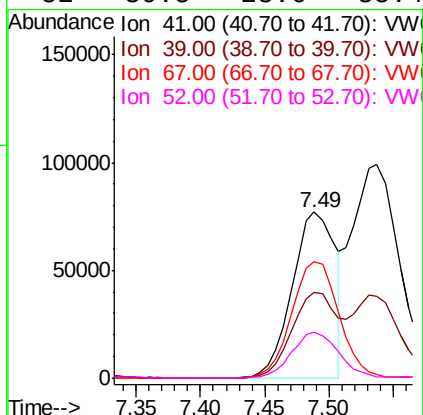
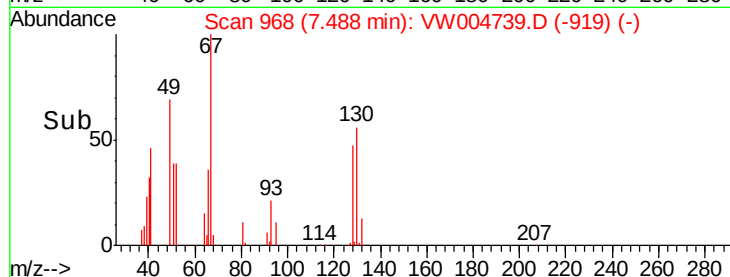
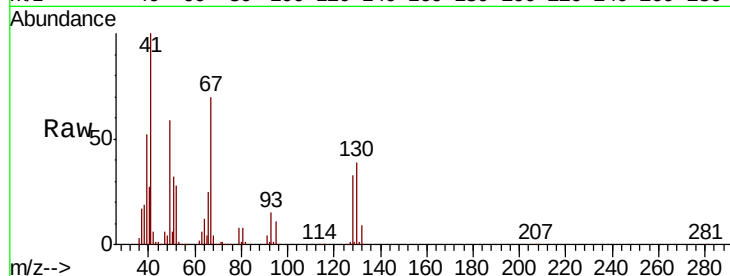
#41
Methacrylonitrile
Concen: 74.79 ug/l
RT: 7.49 min Scan# 968
Delta R.T. -0.00 min
Lab File: VW004739.D
Acq: 17 Aug 2018 17:37

Instrument :
MSVOA_W
ClientSampled :
VSTDIC075

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		178686		
39	57.0	41.0	61.4		
67	77.7	59.5	89.3		
52	30.5	23.6	35.4		

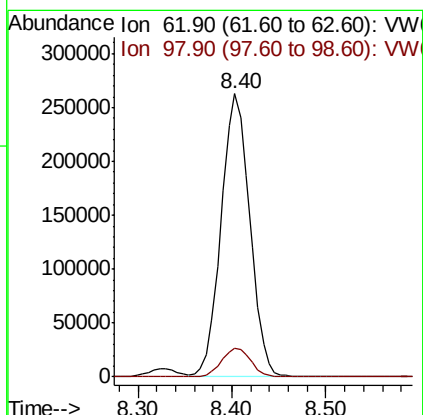
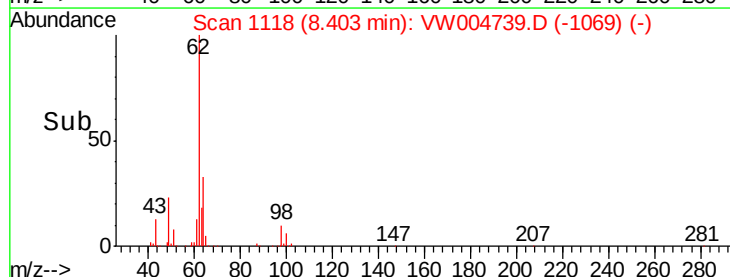
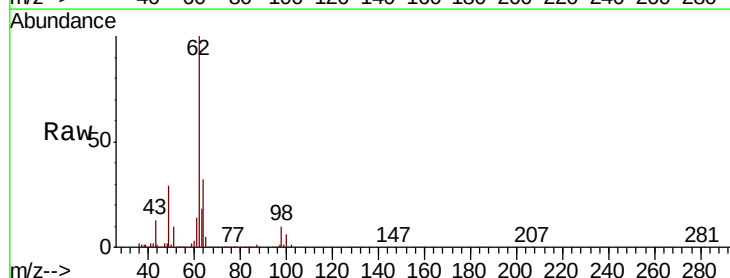
Manual Integrations
APPROVED

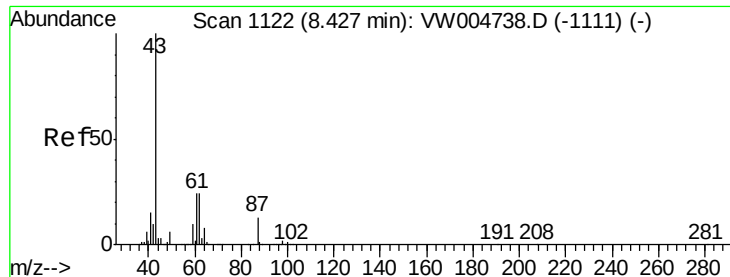
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#42
1,2-Dichloroethane
Concen: 70.62 ug/l
RT: 8.40 min Scan# 1118
Delta R.T. -0.00 min
Lab File: VW004739.D
Acq: 17 Aug 2018 17:37

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		555794		
98	10.2	0.0	20.2		





#43

Isopropyl Acetate

Concen: 75.40 ug/l

RT: 8.43 min Scan# 1122

Delta R.T. -0.00 min

Lab File: VW004739.D

Acq: 17 Aug 2018 17:37

Instrument :

MSVOA_W

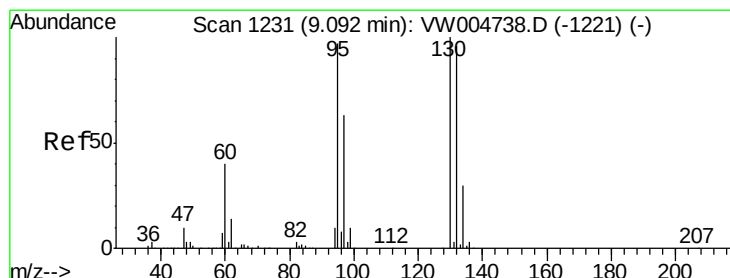
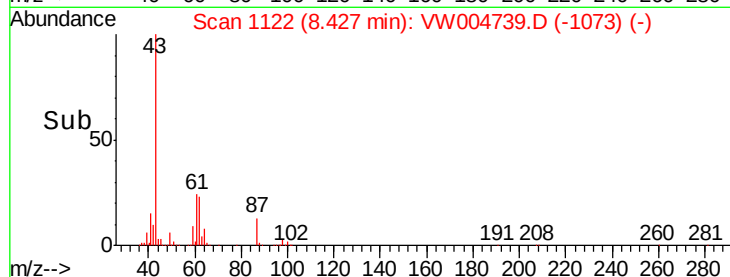
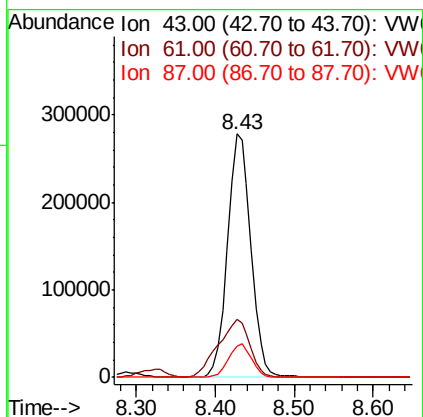
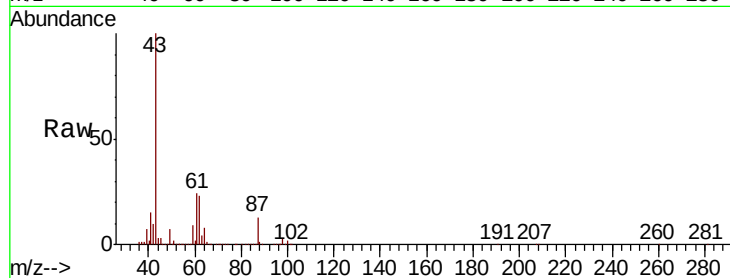
ClientSampleId :

VSTDIC075

Tot Ion:	43	Resp:	570135
Ion	Ratio	Lower	Upper
43	100		
61	32.4	26.2	39.4
87	13.7	10.9	16.3

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#44

Trichloroethene

Concen: 69.24 ug/l

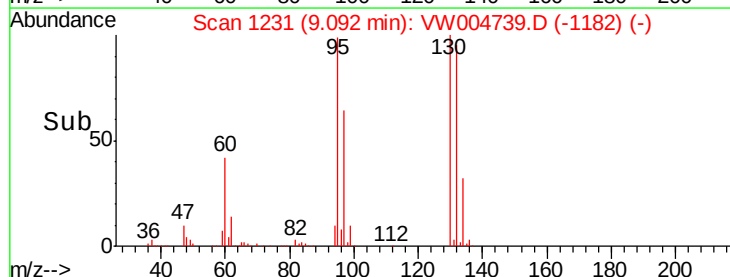
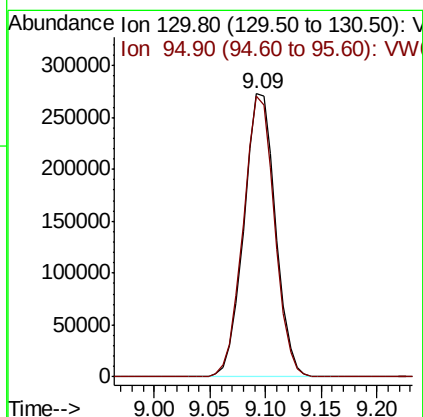
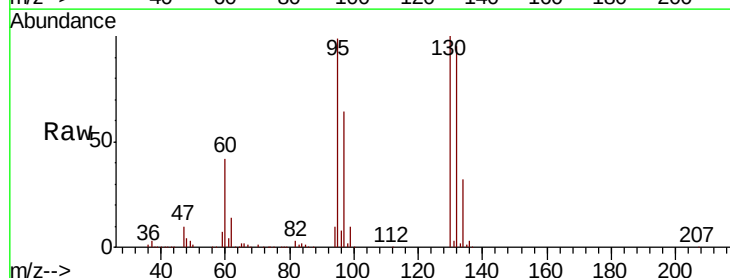
RT: 9.09 min Scan# 1231

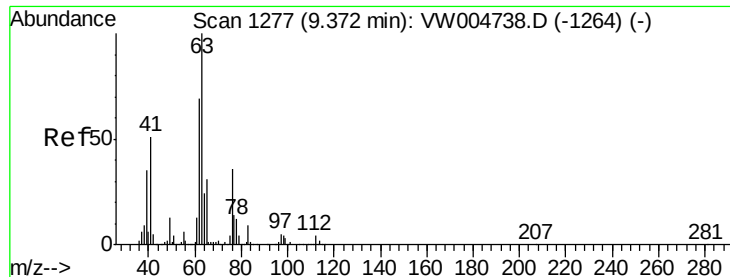
Delta R.T. -0.00 min

Lab File: VW004739.D

Acq: 17 Aug 2018 17:37

Tgt Ion:	130	Resp:	539419
Ion	Ratio	Lower	Upper
130	100		
95	99.0	0.0	194.4





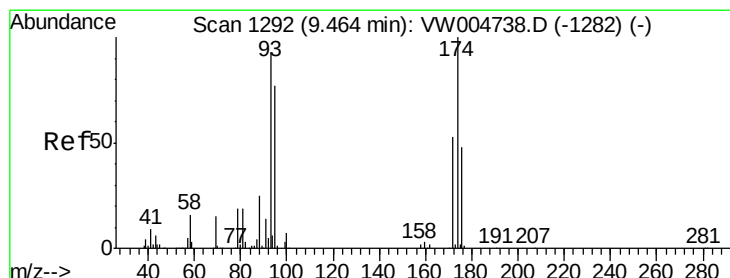
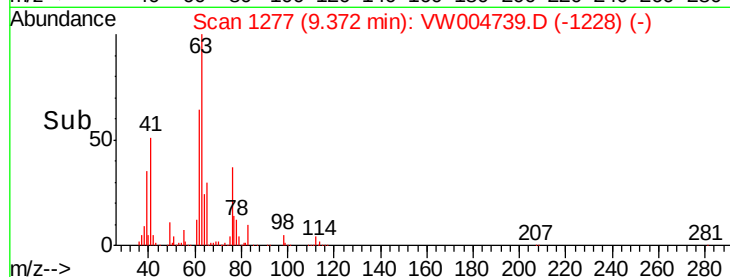
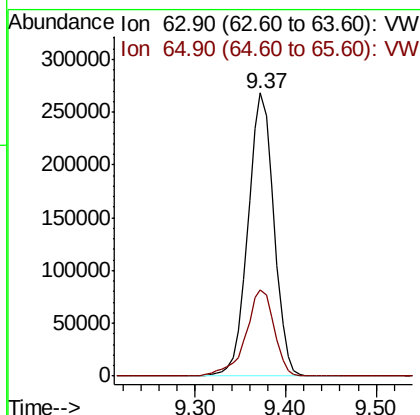
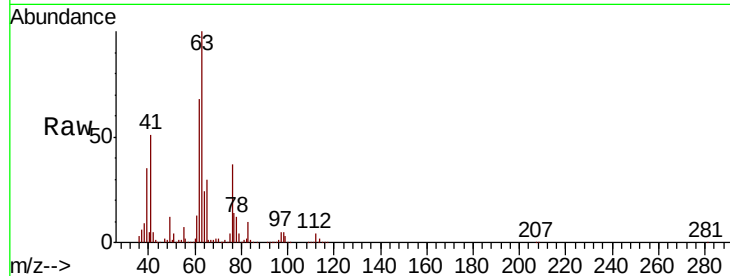
#45
 1,2-Dichloropropane
 Concen: 70.48 ug/l
 RT: 9.37 min Scan# 1277
 Delta R.T. -0.00 min
 Lab File: VW004739.D
 Acq: 17 Aug 2018 17:37

Instrument :
 MSVOA_W
 ClientSampled :
 VSTDIC075

Tot Ion	Ratio	Lower	Upper
63	100		
65	30.5	24.6	37.0

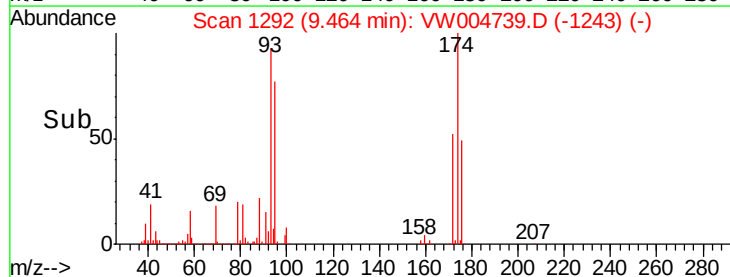
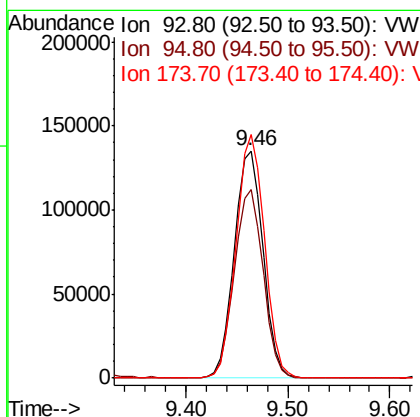
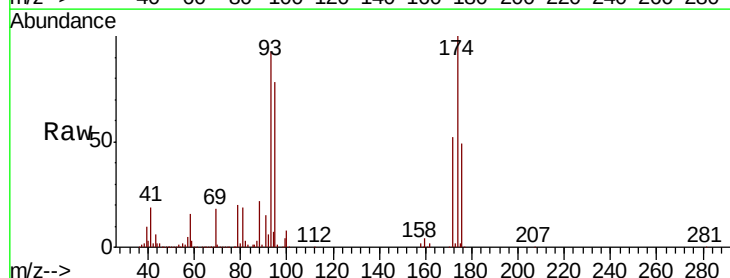
Manual Integrations
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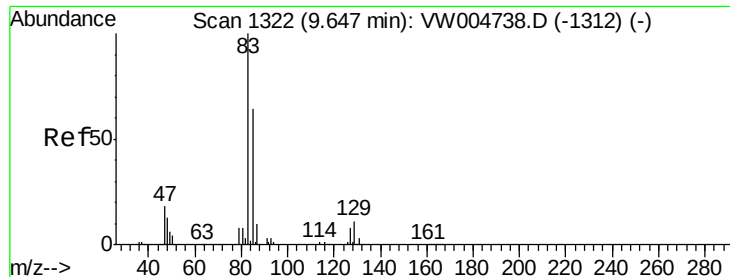
apatel
 8/20/2018 9:53:52 AM



#46
 Dibromomethane
 Concen: 70.87 ug/l
 RT: 9.46 min Scan# 1292
 Delta R.T. -0.00 min
 Lab File: VW004739.D
 Acq: 17 Aug 2018 17:37

Tgt Ion	Ratio	Lower	Upper
93	100		
95	83.0	66.6	99.8
174	106.2	85.3	127.9





#47

Bromodichloromethane

Concen: 71.29 ug/l

RT: 9.65 min Scan# 1322

Delta R.T. -0.00 min

Lab File: VW004739.D

Acq: 17 Aug 2018 17:37

Instrument :

MSVOA_W

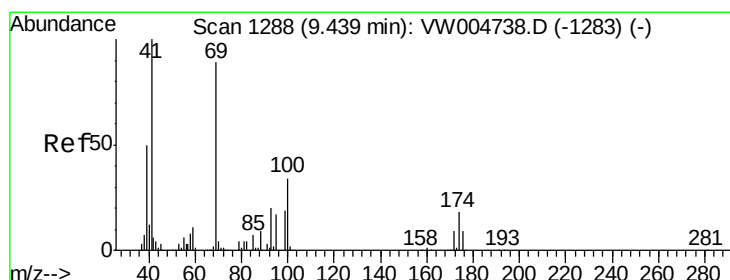
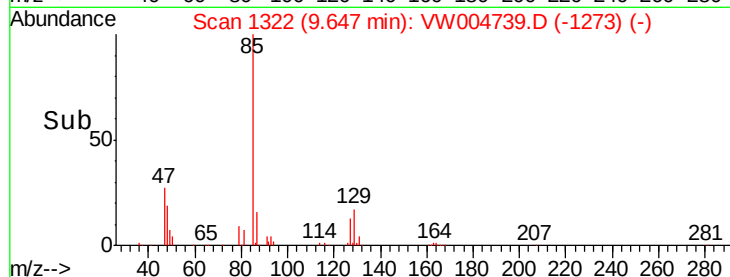
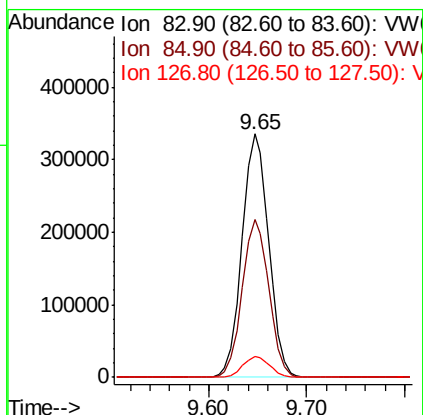
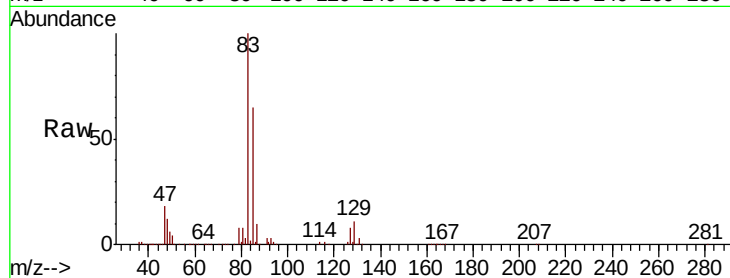
ClientSampleId :

VSTDIC075

Tot Ion:	83	Resp:	633221
Ion	Ratio	Lower	Upper
83	100		
85	64.7	51.2	76.8
127	8.5	6.7	10.1

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#48

Methyl methacrylate

Concen: 76.62 ug/l

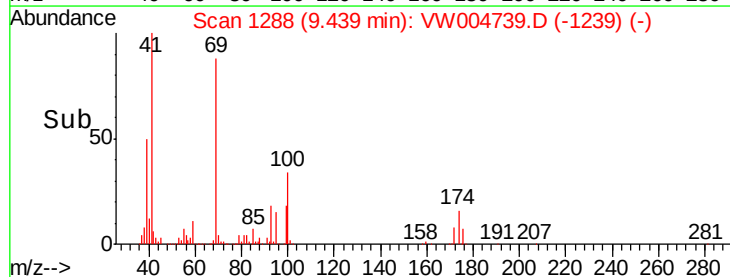
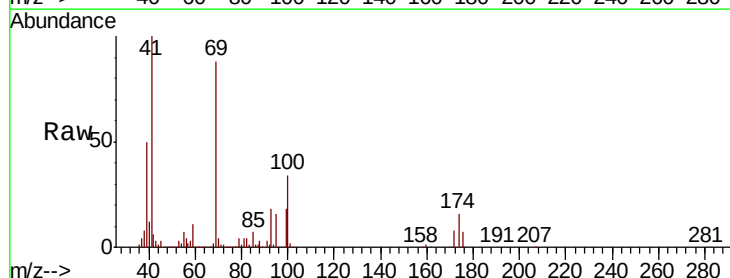
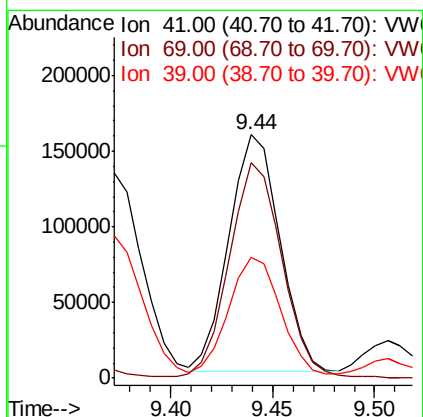
RT: 9.44 min Scan# 1288

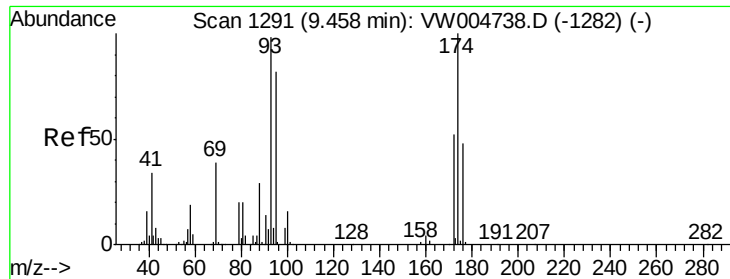
Delta R.T. -0.00 min

Lab File: VW004739.D

Acq: 17 Aug 2018 17:37

Tgt Ion:	41	Resp:	271868
Ion	Ratio	Lower	Upper
41	100		
69	94.5	75.2	112.8
39	49.8	39.8	59.6





#49

1,4-Dioxane

Concen: 1547.25 ug/l

RT: 9.47 min Scan# 1293

Delta R.T. 0.01 min

Lab File: VW004739.D

Acq: 17 Aug 2018 17:37

Instrument :

MSVOA_W

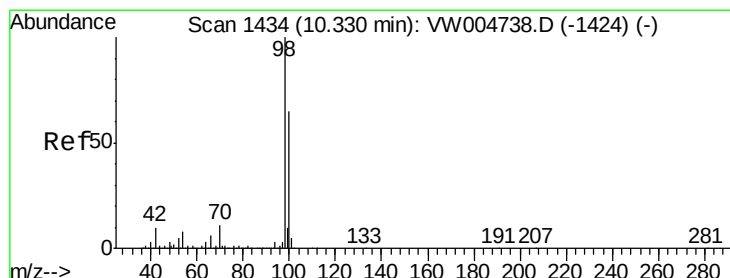
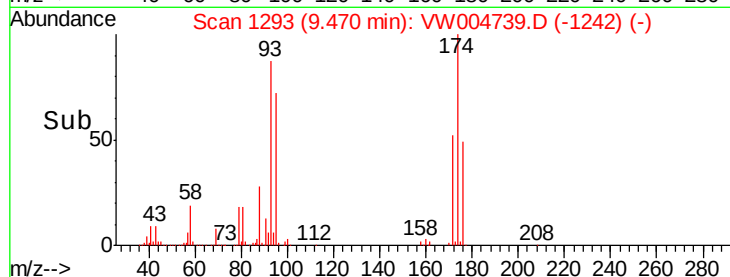
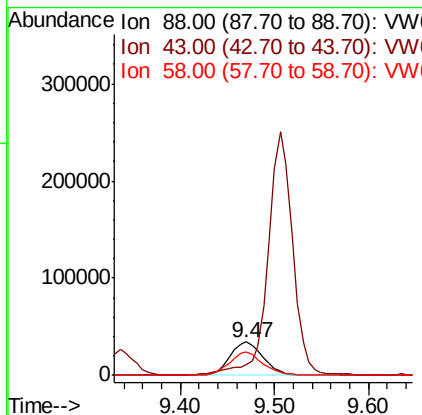
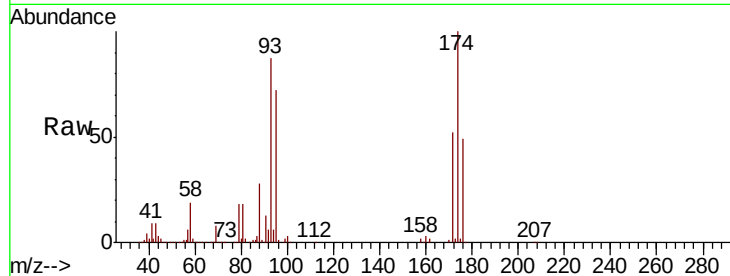
ClientSampleId :

VSTDIC075

Tot Ion	88	Resp	84076
Ion	Ratio	Lower	Upper
88	100		
43	0.0	22.9	34.3#
58	72.8	60.0	90.0

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#50

Toluene-d8

Concen: 72.14 ug/l

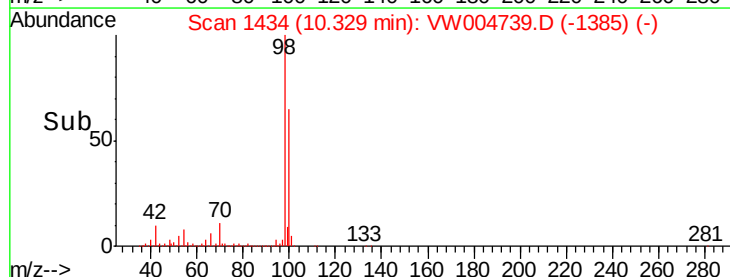
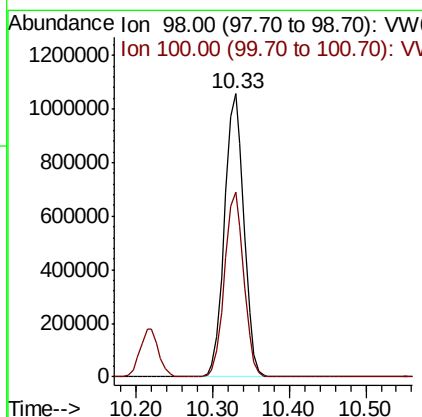
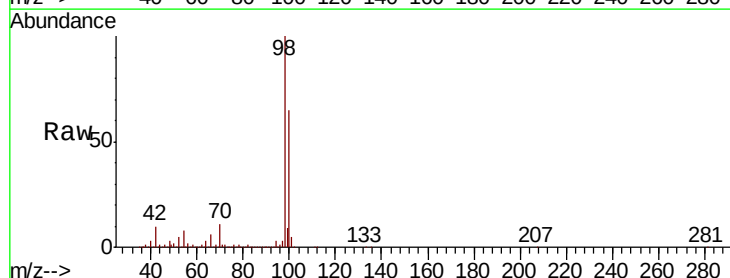
RT: 10.33 min Scan# 1434

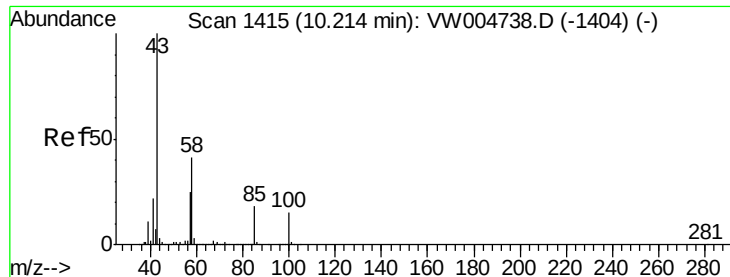
Delta R.T. -0.00 min

Lab File: VW004739.D

Acq: 17 Aug 2018 17:37

Tgt Ion	98	Resp	1845085
Ion	Ratio	Lower	Upper
98	100		
100	64.9	51.8	77.8





#51

4-Methyl-2-Pentanone

Concen: 382.03 ug/l

RT: 10.21 min Scan# 1415

Delta R.T. -0.00 min

Lab File: VW004739.D

Acq: 17 Aug 2018 17:37

Instrument :

MSVOA_W

ClientSampled :

VSTDIC075

Tot Ion: 43 Resp: 1952414

Ion Ratio Lower Upper

43 100

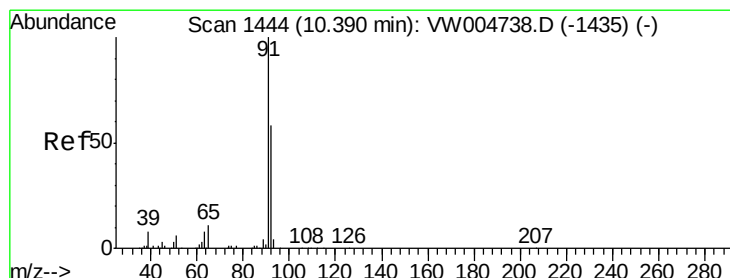
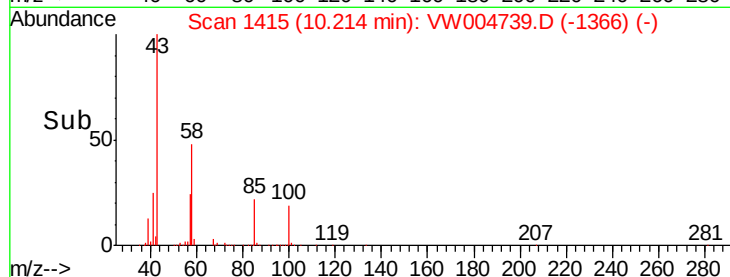
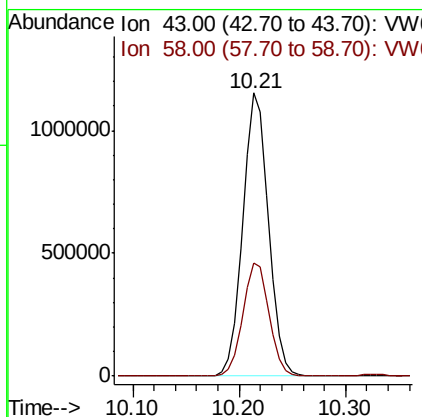
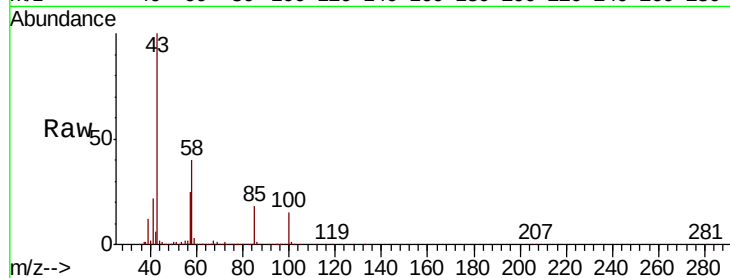
58 40.8 32.7 49.1

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#52

Toluene

Concen: 71.18 ug/l

RT: 10.39 min Scan# 1444

Delta R.T. -0.00 min

Lab File: VW004739.D

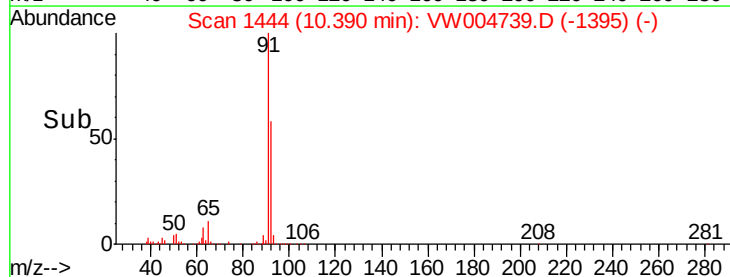
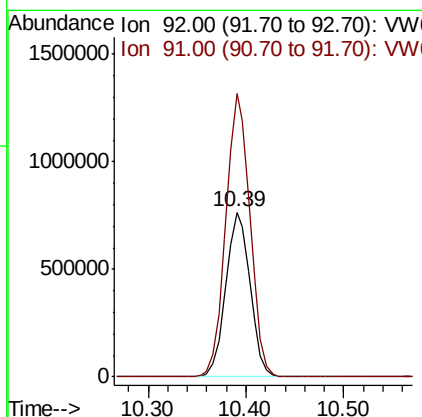
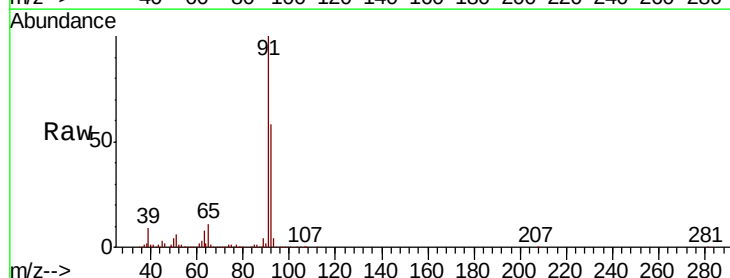
Acq: 17 Aug 2018 17:37

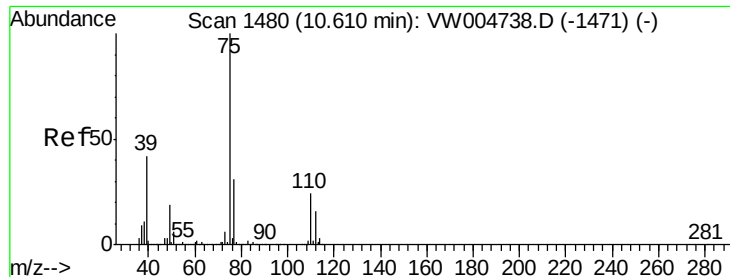
Tgt Ion: 92 Resp: 1310206

Ion Ratio Lower Upper

92 100

91 172.0 138.3 207.5





#53

t-1,3-Dichloropropene

Concen: 74.49 ug/l

RT: 10.61 min Scan# 1480

Delta R.T. -0.00 min

Lab File: VW004739.D

Acq: 17 Aug 2018 17:37

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC075

Tot Ion: 75 Resp: 666607

Ion Ratio Lower Upper

75 100

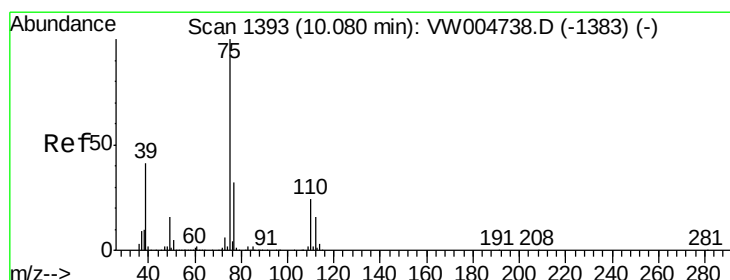
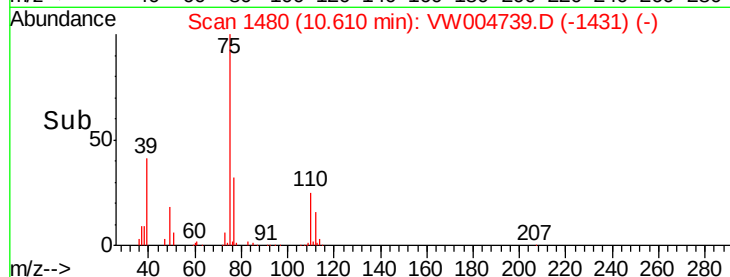
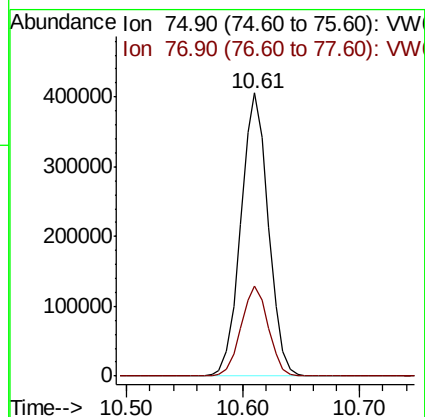
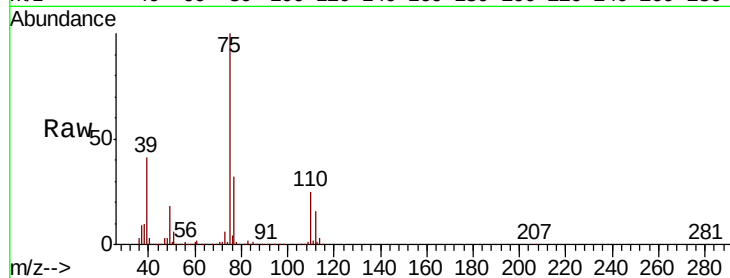
77 31.8 24.8 37.2

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#54

cis-1,3-Dichloropropene

Concen: 73.29 ug/l

RT: 10.08 min Scan# 1393

Delta R.T. -0.00 min

Lab File: VW004739.D

Acq: 17 Aug 2018 17:37

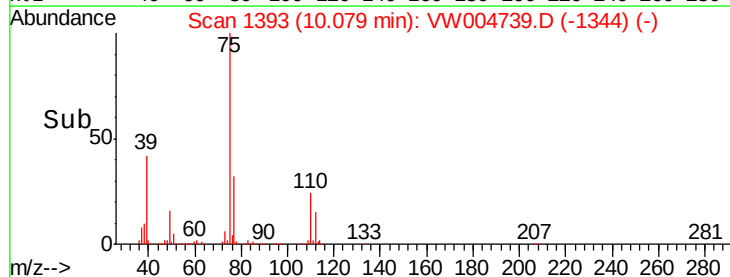
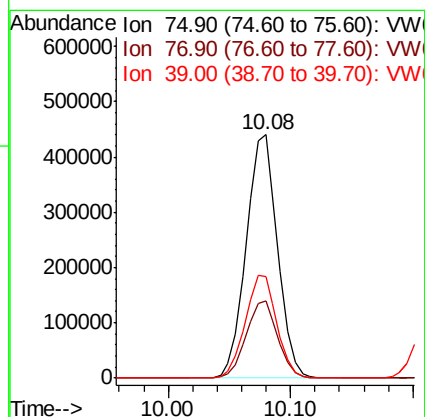
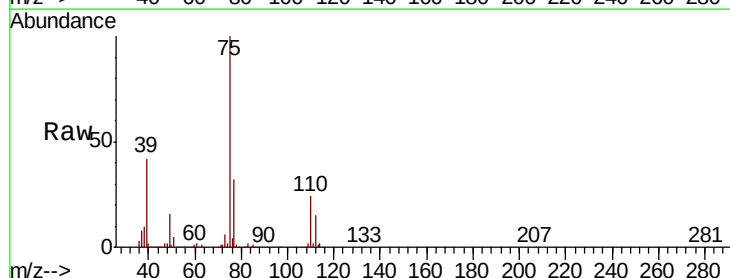
Tgt Ion: 75 Resp: 781887

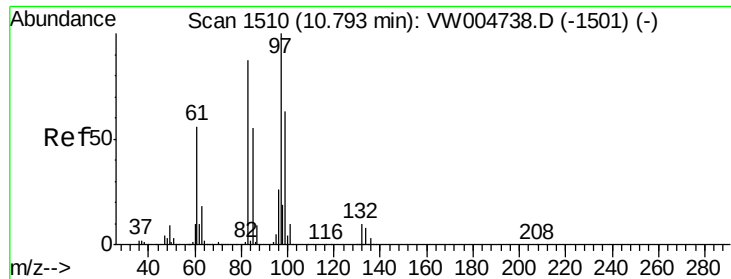
Ion Ratio Lower Upper

75 100

77 31.6 25.6 38.4

39 41.7 33.0 49.4





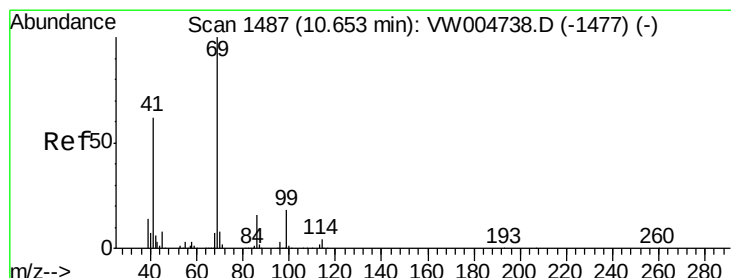
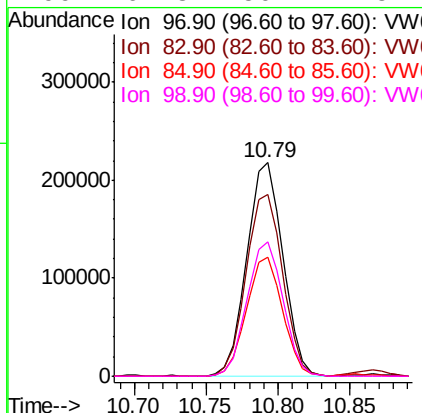
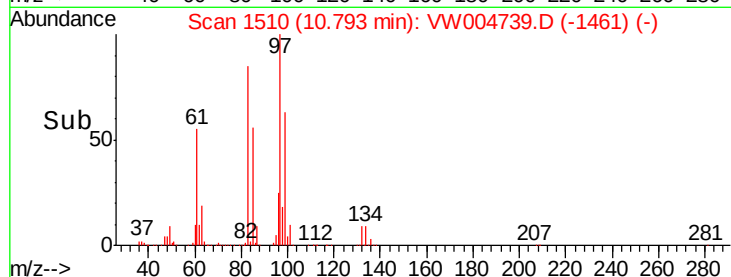
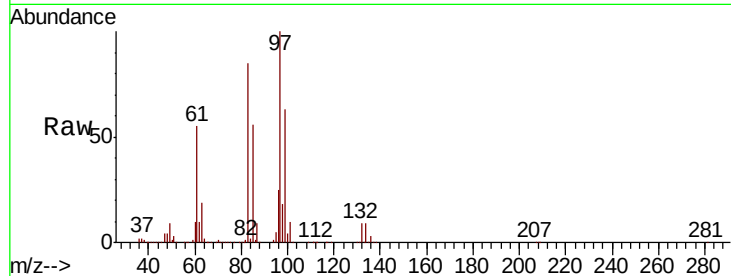
#55
 1,1,2-Trichloroethane
 Concen: 71.24 ug/l
 RT: 10.79 min Scan# 1510
 Delta R.T. -0.00 min
 Lab File: VW004739.D
 Acq: 17 Aug 2018 17:37

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC075

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		376655		
83	85.2	69.4	104.2		
85	55.8	44.3	66.5		
99	62.8	50.2	75.2		

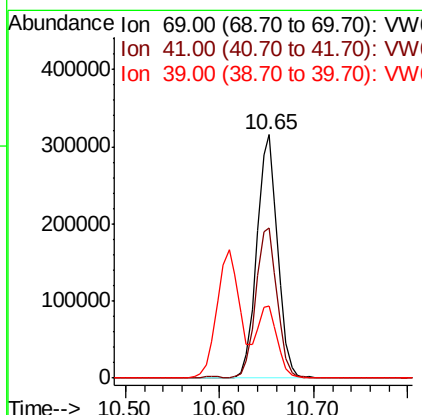
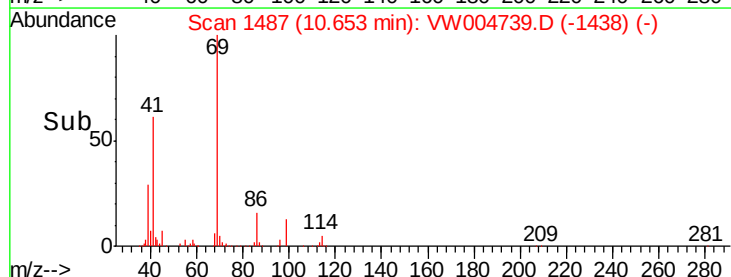
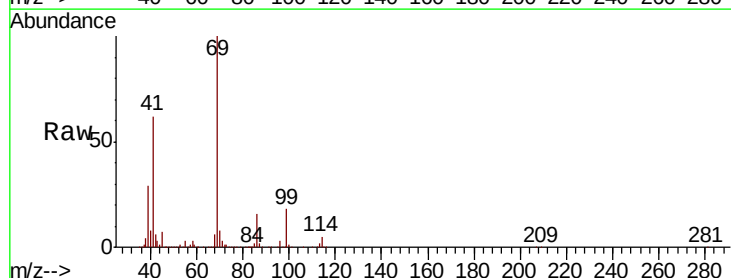
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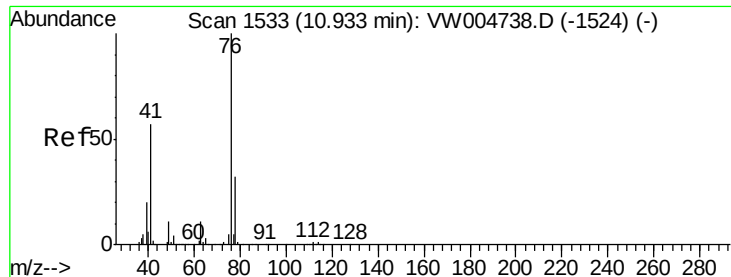
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#56
 Ethyl methacrylate
 Concen: 78.76 ug/l
 RT: 10.65 min Scan# 1487
 Delta R.T. -0.00 min
 Lab File: VW004739.D
 Acq: 17 Aug 2018 17:37

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		491872		
41	63.2	50.7	76.1		
39	26.9	21.4	32.2		





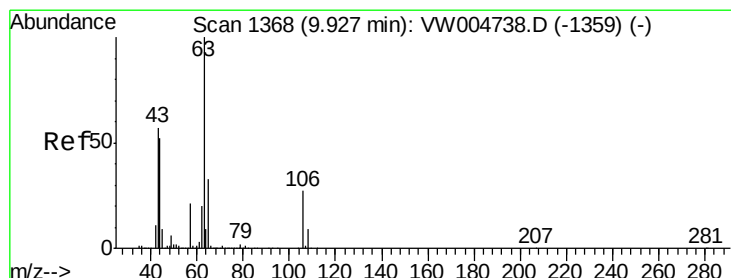
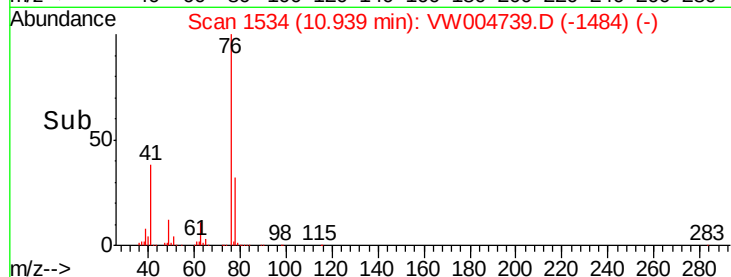
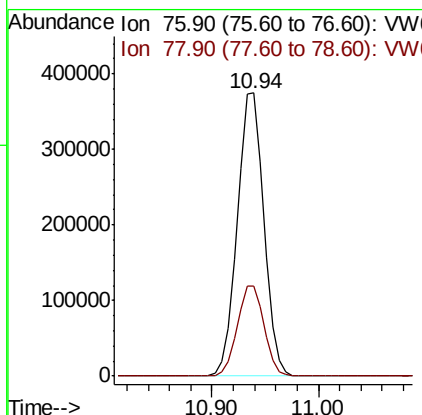
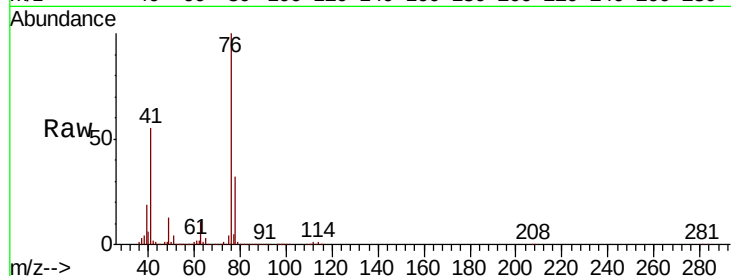
#57
 1,3-Dichloropropane
 Concen: 72.10 ug/l
 RT: 10.94 min Scan# 1534
 Delta R.T. 0.01 min
 Lab File: VW004739.D
 Acq: 17 Aug 2018 17:37

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC075

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.2	25.9	38.9

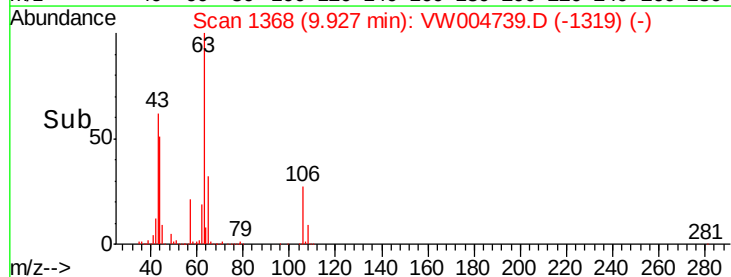
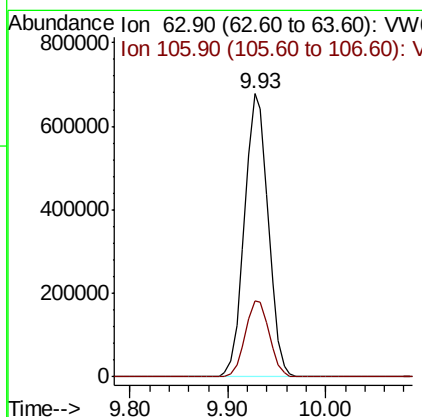
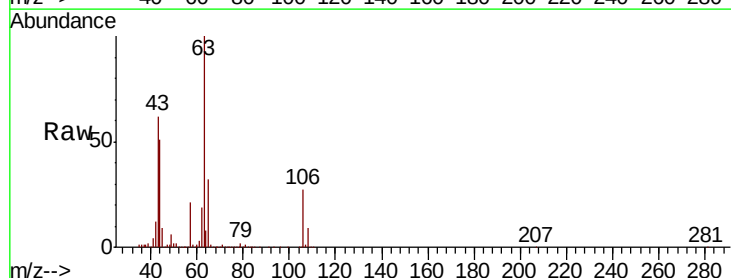
Manual Integrations
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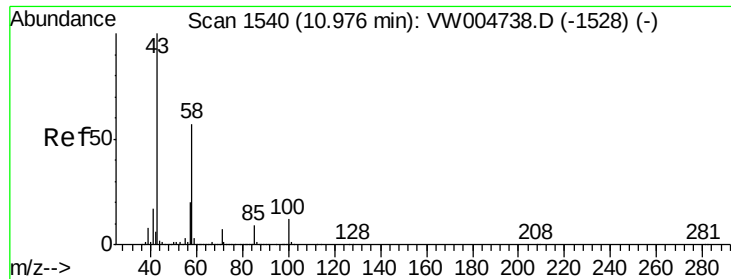
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#58
 2-Chloroethyl Vinyl ether
 Concen: 390.03 ug/l
 RT: 9.93 min Scan# 1368
 Delta R.T. -0.00 min
 Lab File: VW004739.D
 Acq: 17 Aug 2018 17:37

Tgt Ion	Ratio	Lower	Upper
63	100		
106	27.3	22.1	33.1





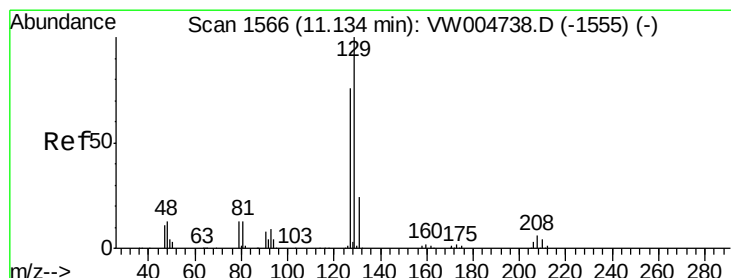
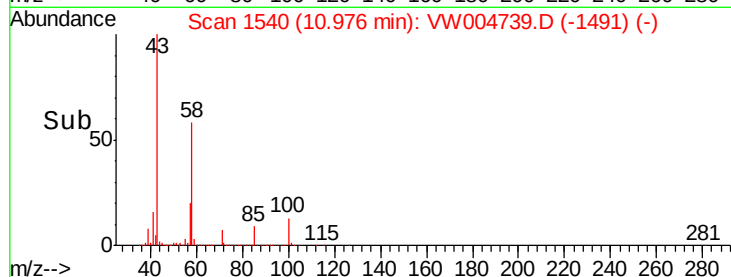
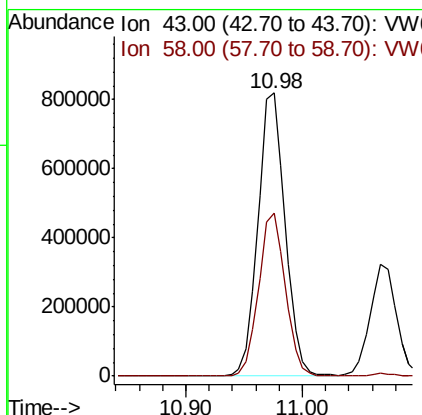
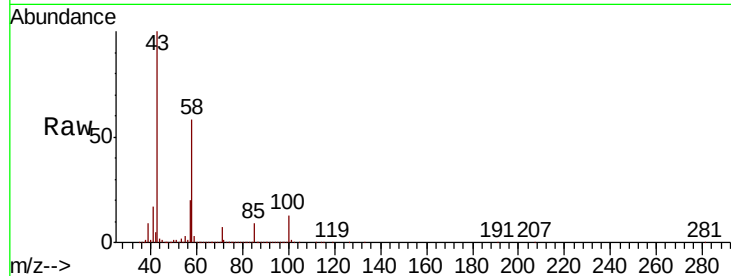
#59
2-Hexanone
Concen: 383.80 ug/l
RT: 10.98 min Scan# 1540
Delta R.T. -0.00 min
Lab File: VW004739.D
Acq: 17 Aug 2018 17:37

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

Tot Ion: 43 Resp: 1329039
Ion Ratio Lower Upper
43 100
58 56.7 28.1 84.4

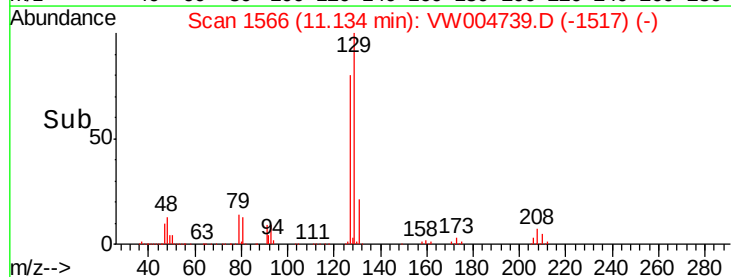
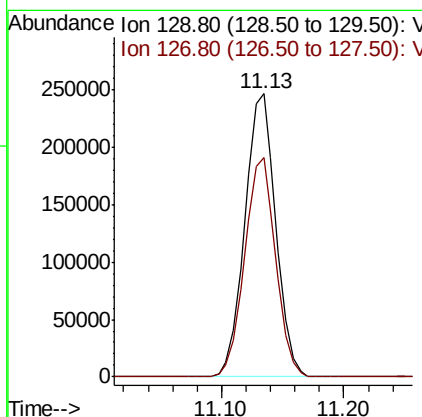
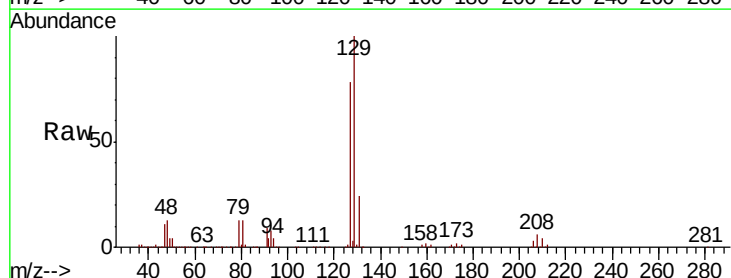
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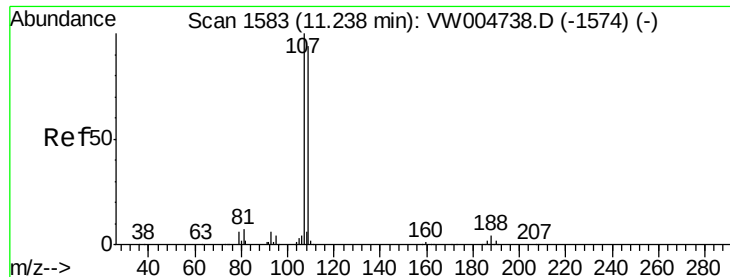
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#60
Dibromochloromethane
Concen: 73.00 ug/l
RT: 11.13 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VW004739.D
Acq: 17 Aug 2018 17:37

Tgt Ion: 129 Resp: 433006
Ion Ratio Lower Upper
129 100
127 77.4 38.5 115.5





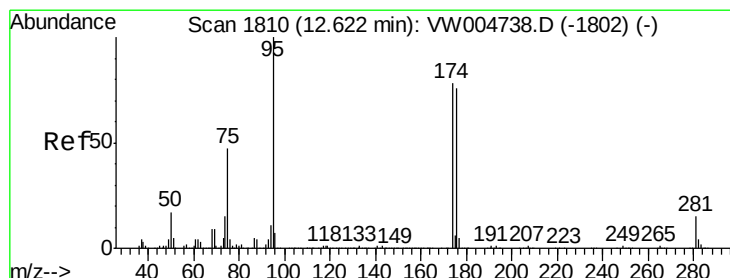
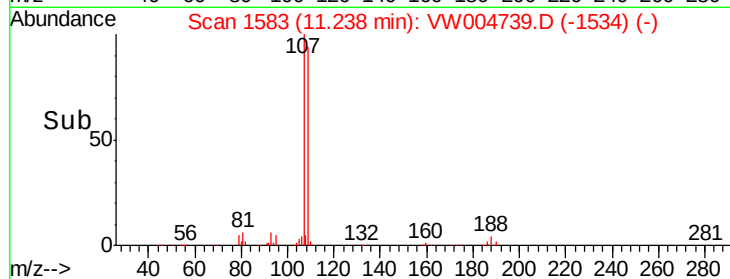
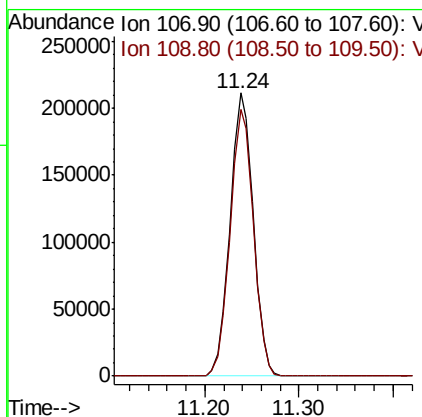
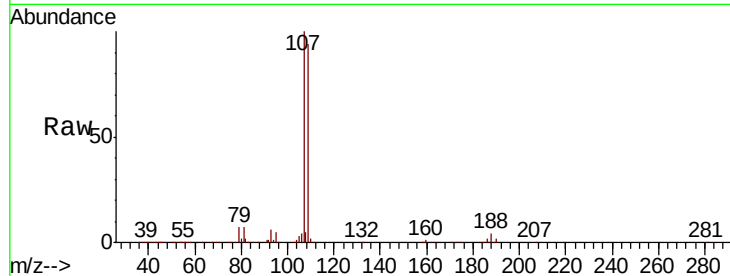
#61
 1,2-Dibromoethane
 Concen: 71.32 ug/l
 RT: 11.24 min Scan# 1583
 Delta R.T. -0.00 min
 Lab File: VW004739.D
 Acq: 17 Aug 2018 17:37

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC075

Tot Ion	Ratio	Lower	Upper
107	100		
109	95.1	75.5	113.3

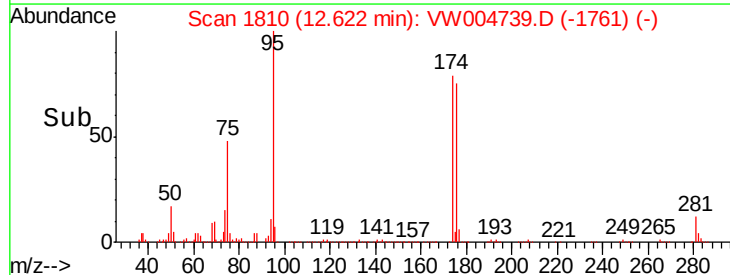
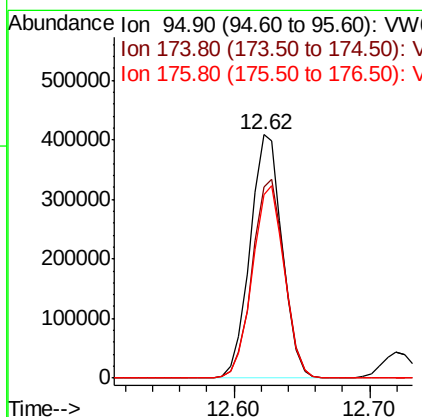
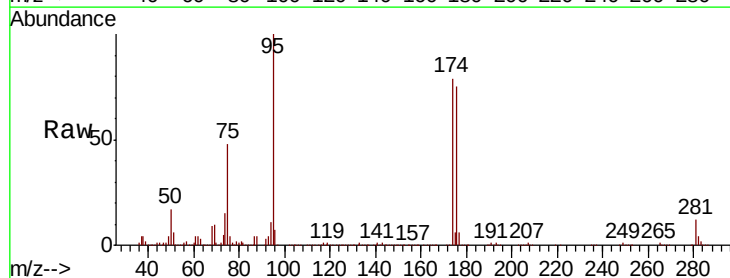
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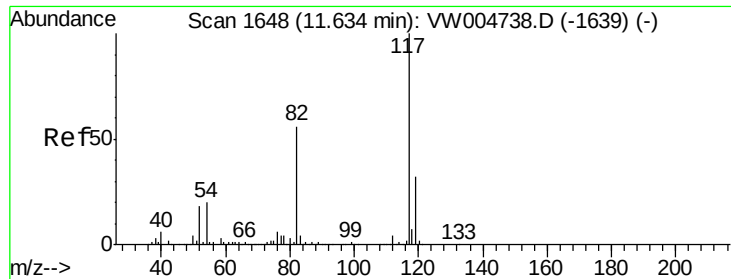
apatel
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#62
 4-Bromofluorobenzene
 Concen: 73.43 ug/l
 RT: 12.62 min Scan# 1810
 Delta R.T. -0.00 min
 Lab File: VW004739.D
 Acq: 17 Aug 2018 17:37

Tgt Ion	Ratio	Lower	Upper
95	100		
174	82.1	0.0	165.8
176	79.0	0.0	159.8





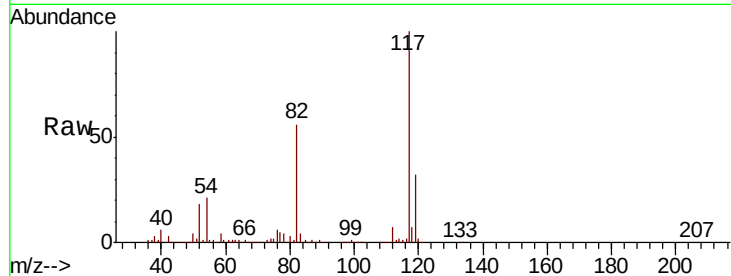
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. -0.00 min
Lab File: VW004739.D
Acq: 17 Aug 2018 17:37

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

Tot Ion	Ratio	Resp	Lower	Upper
117	100	951603		
82	55.9	44.6	67.0	
119	32.2	25.6	38.4	

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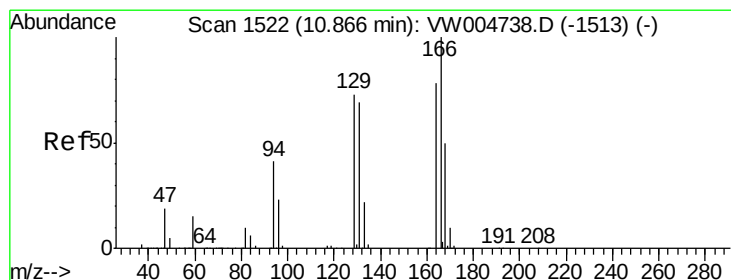
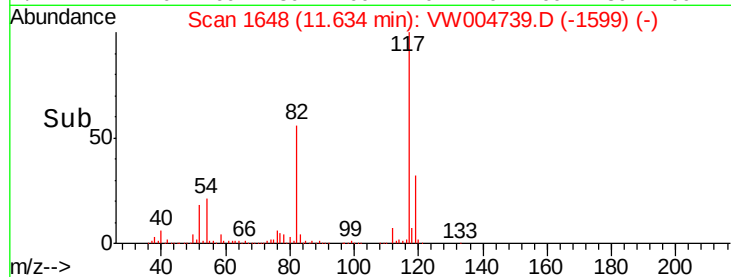
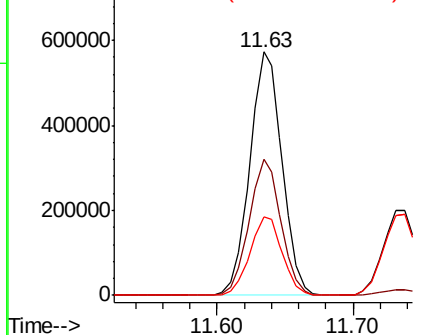


Abundance

Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#64
Tetrachloroethene
Concen: 69.33 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. -0.00 min
Lab File: VW004739.D
Acq: 17 Aug 2018 17:37

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	450889		
166	127.1	102.5	153.7	
129	93.3	75.1	112.7	
131	88.8	71.3	106.9	

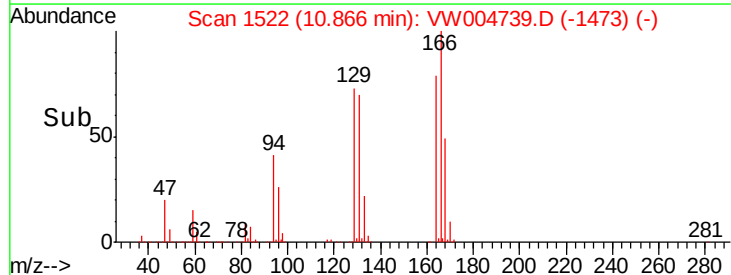
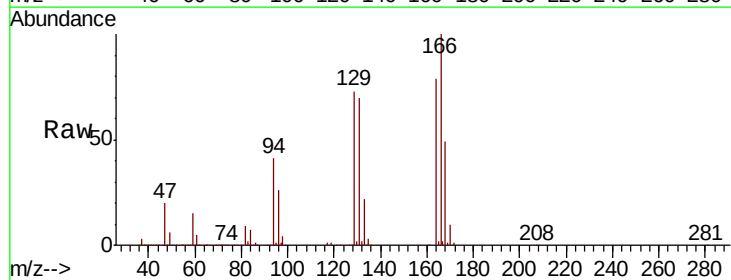
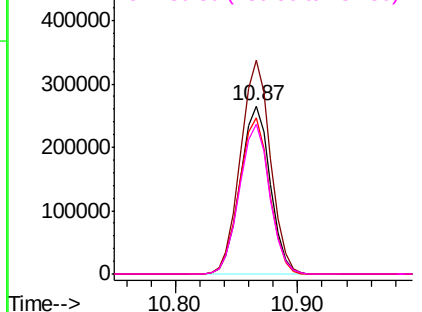
Abundance

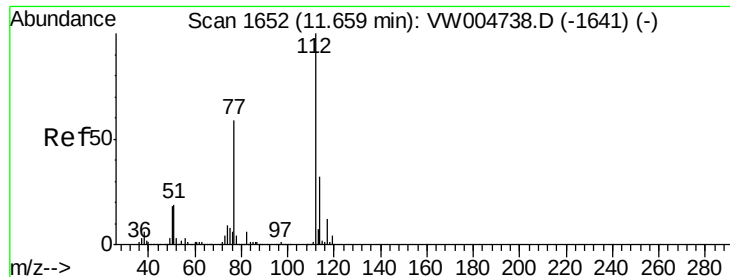
Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V





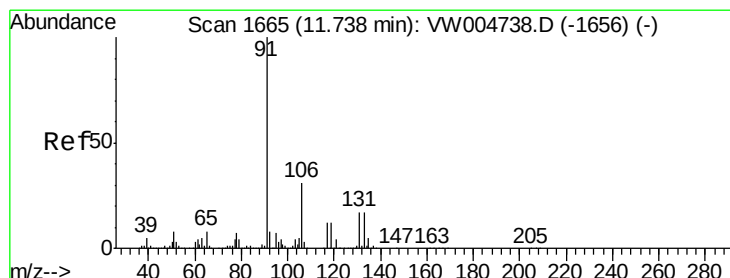
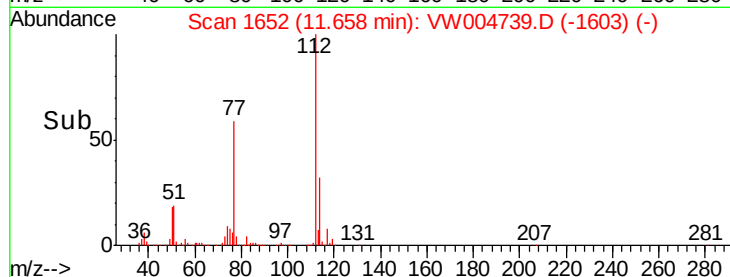
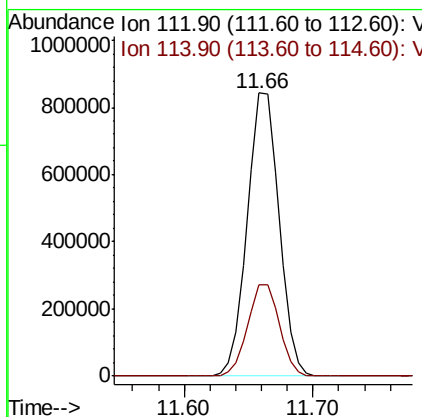
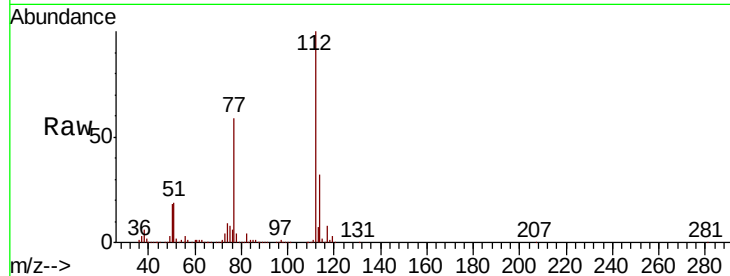
#65
Chlorobenzene
Concen: 70.21 ug/l
RT: 11.66 min Scan# 1652
Delta R.T. -0.00 min
Lab File: VW004739.D
Acq: 17 Aug 2018 17:37

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

Tot Ion:112 Resp: 1438031
Ion Ratio Lower Upper
112 100
114 32.3 25.4 38.2

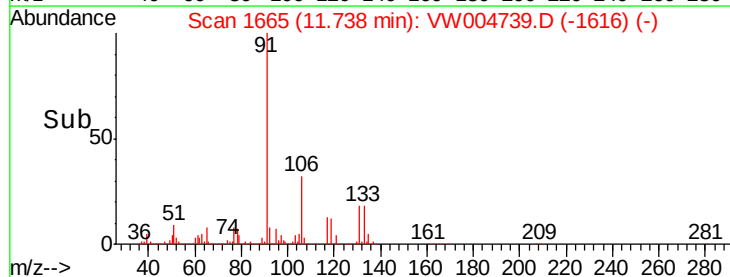
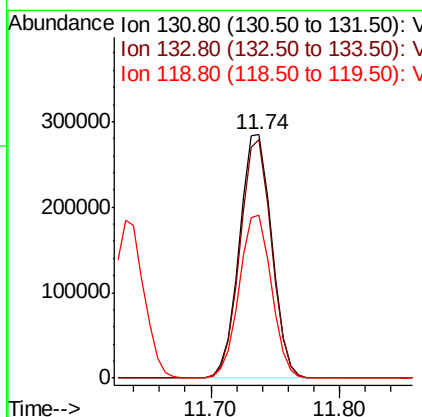
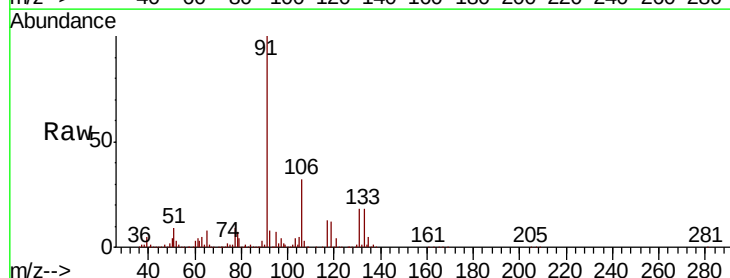
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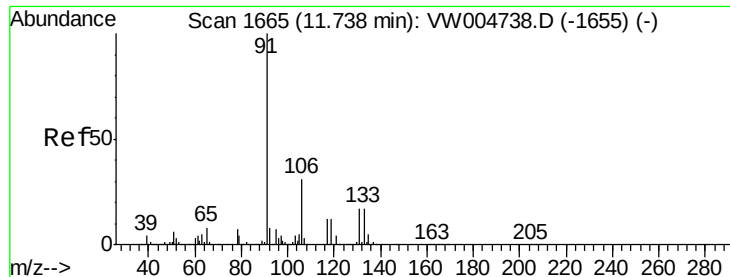
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#66
1,1,1,2-Tetrachloroethane
Concen: 71.46 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. -0.00 min
Lab File: VW004739.D
Acq: 17 Aug 2018 17:37

Tgt Ion:131 Resp: 494162
Ion Ratio Lower Upper
131 100
133 95.6 48.2 144.6
119 66.9 34.0 102.0





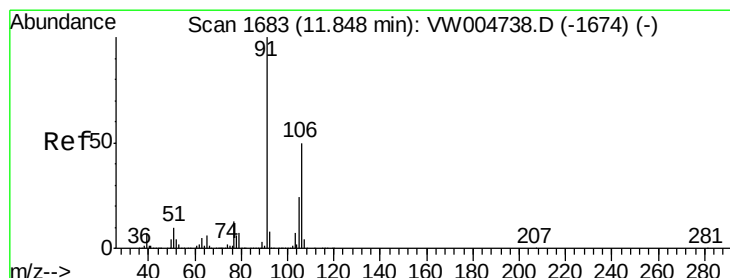
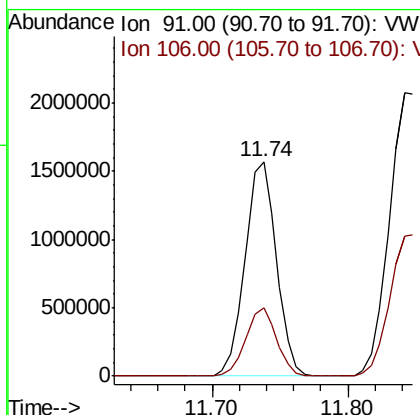
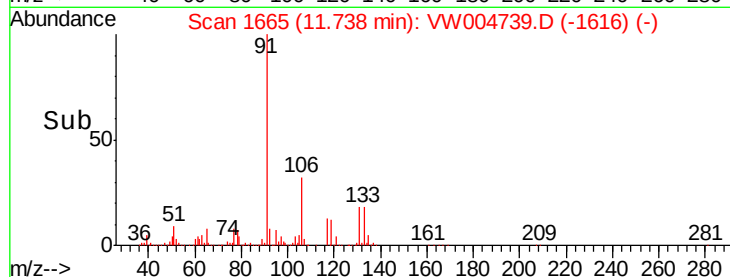
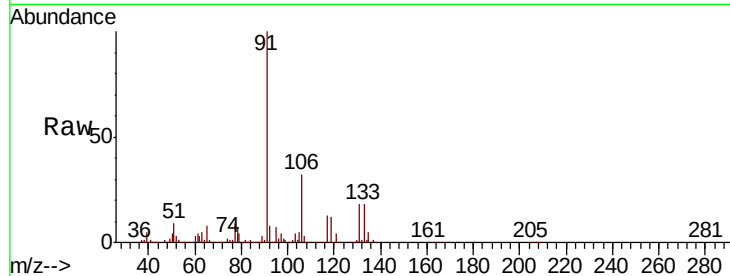
#67
Ethyl Benzene
Concen: 73.04 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. -0.00 min
Lab File: VW004739.D
Acq: 17 Aug 2018 17:37

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

Tot Ion: 91 Resp: 2536185
Ion Ratio Lower Upper
91 100
106 31.5 24.9 37.3

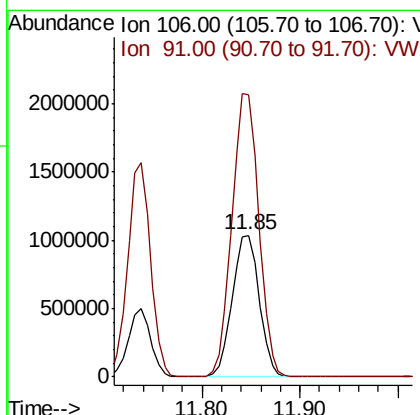
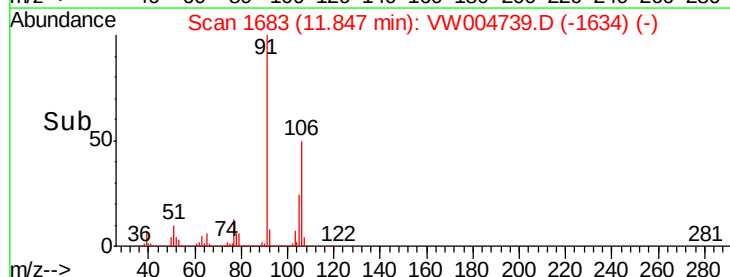
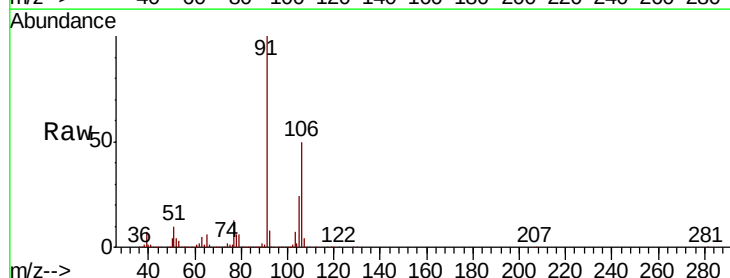
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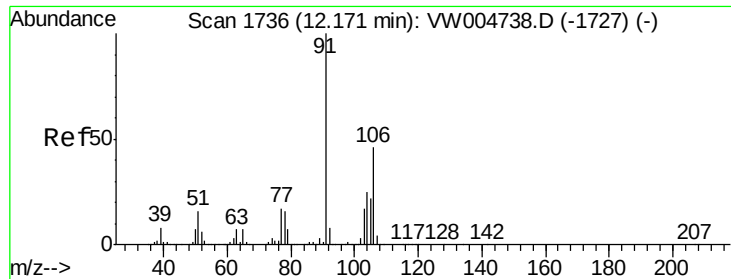
apatel
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#68
m/p-Xylenes
Concen: 146.66 ug/l
RT: 11.85 min Scan# 1683
Delta R.T. -0.00 min
Lab File: VW004739.D
Acq: 17 Aug 2018 17:37

Tgt Ion: 106 Resp: 1981178
Ion Ratio Lower Upper
106 100
91 199.8 159.9 239.9





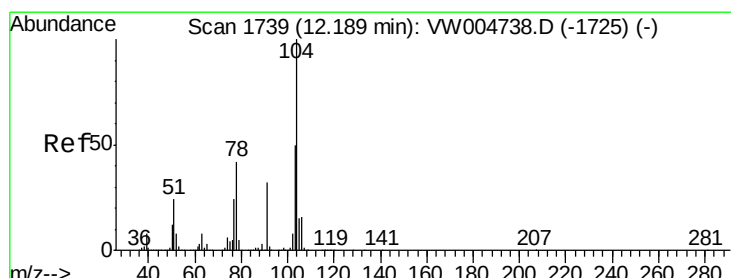
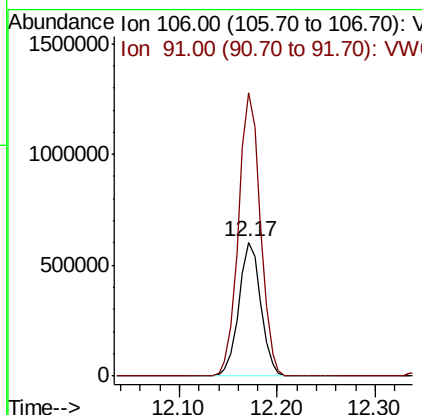
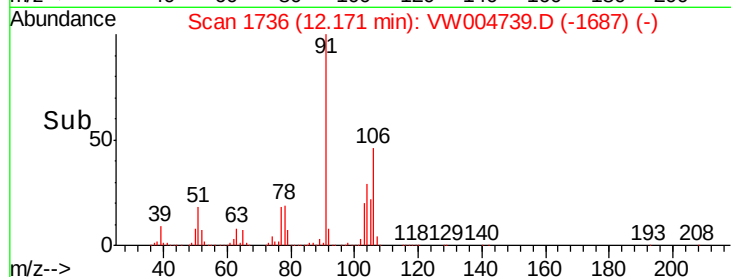
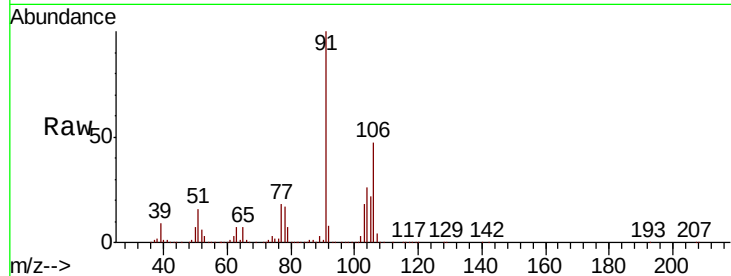
#69
o-Xylene
Concen: 75.09 ug/l
RT: 12.17 min Scan# 1736
Delta R.T. -0.00 min
Lab File: VW004739.D
Acq: 17 Aug 2018 17:37

Instrument :
MSVOA_W
ClientSampled :
VSTDIC075

Tot Ion	Ratio	Lower	Upper
106	100		
91	211.4	107.3	321.8

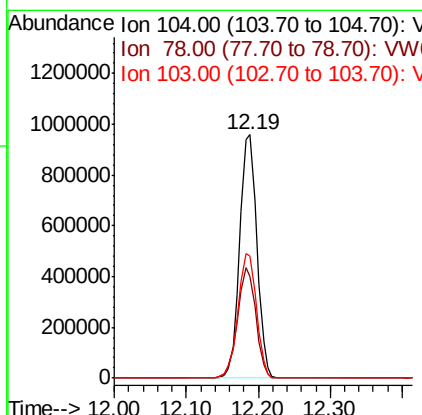
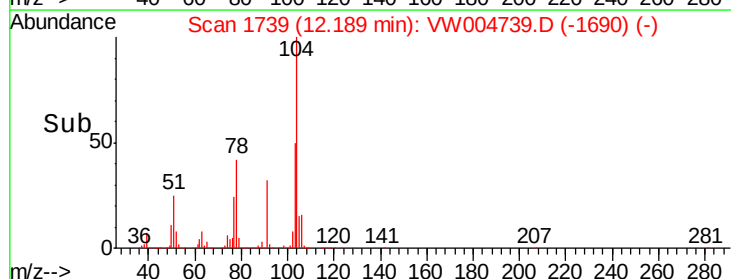
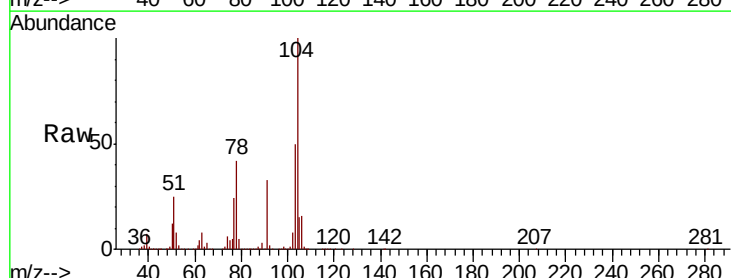
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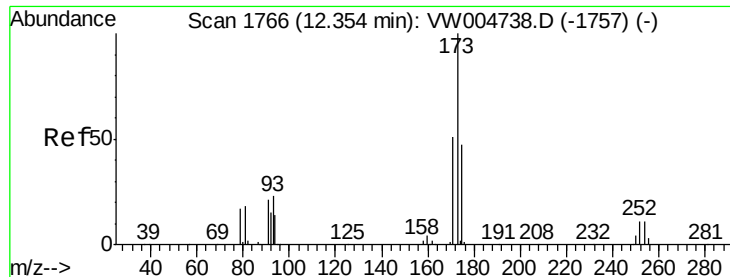
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#70
Styrene
Concen: 75.31 ug/l
RT: 12.19 min Scan# 1739
Delta R.T. -0.00 min
Lab File: VW004739.D
Acq: 17 Aug 2018 17:37

Tgt Ion	Ratio	Lower	Upper
104	100		
78	48.3	38.4	57.6
103	55.2	44.1	66.1





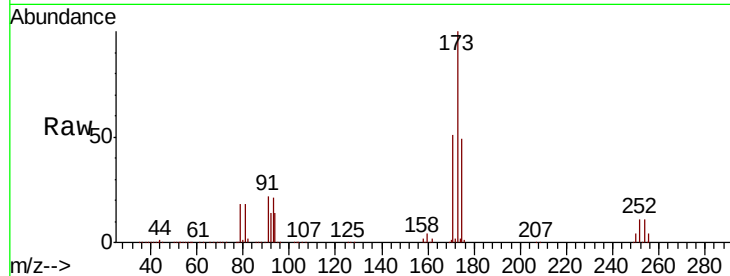
#71
Bromoform
Concen: 72.94 ug/l
RT: 12.35 min Scan# 1766
Delta R.T. -0.00 min
Lab File: VW004739.D
Acq: 17 Aug 2018 17:37

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.9	23.8	71.4
254	0.1	0.1	0.1

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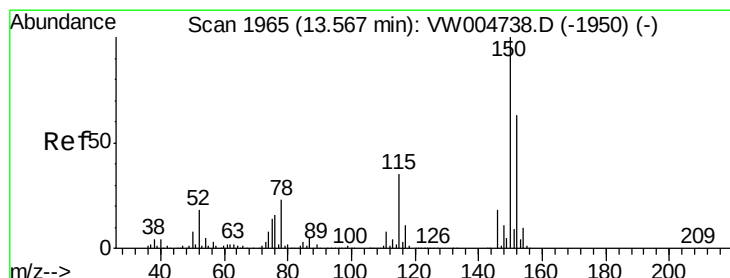
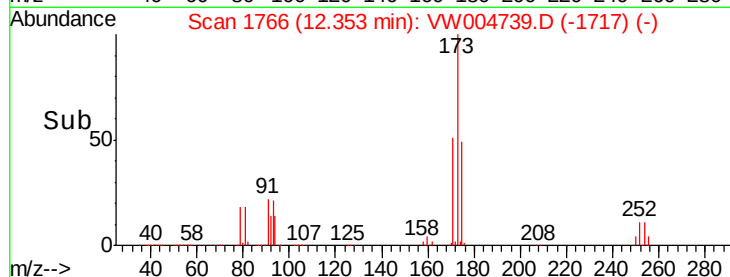
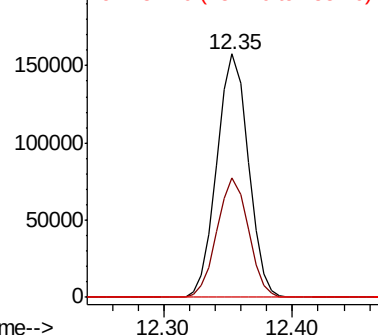


Abundance

Ion 172.70 (172.40 to 173.40): V

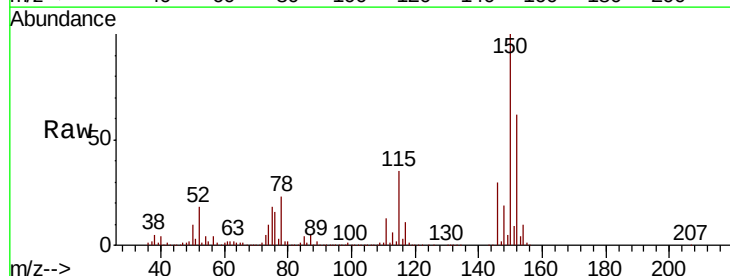
Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. -0.00 min
Lab File: VW004739.D
Acq: 17 Aug 2018 17:37

Tgt Ion	Ratio	Lower	Upper
152	100		
115	57.2	28.5	85.5
150	181.0	0.0	344.8

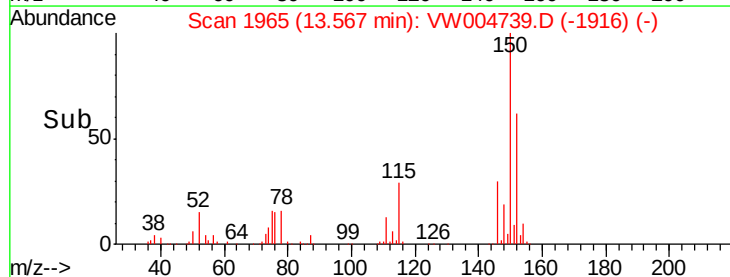
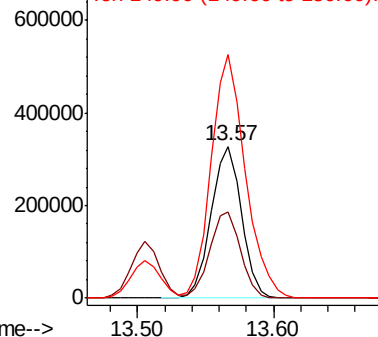


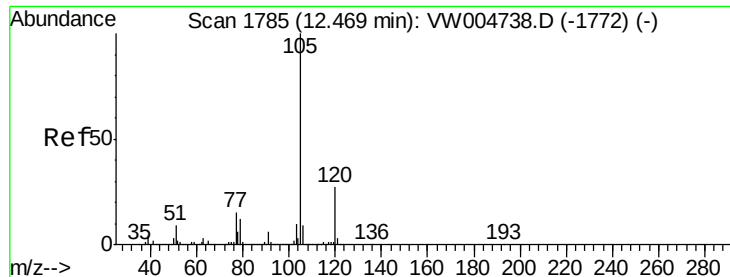
Abundance

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: 73.95 ug/l

RT: 12.47 min Scan# 1785

Delta R.T. -0.00 min

Lab File: VW004739.D

Acq: 17 Aug 2018 17:37

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC075

Tot Ion:105 Resp: 2562222

Ion Ratio Lower Upper

105 100

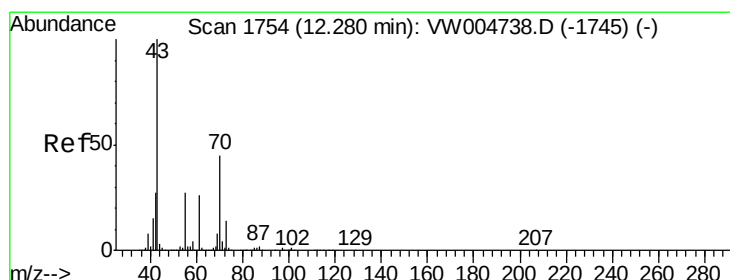
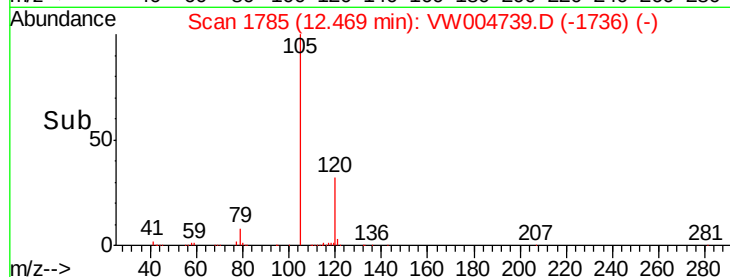
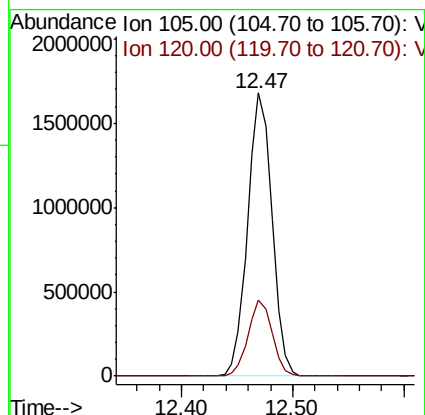
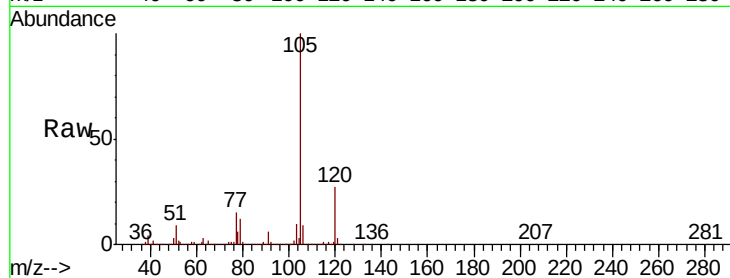
120 26.5 13.3 39.9

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#74

N-ethyl acetate

Concen: 77.05 ug/l

RT: 12.28 min Scan# 1754

Delta R.T. -0.00 min

Lab File: VW004739.D

Acq: 17 Aug 2018 17:37

Tgt Ion: 43 Resp: 559632

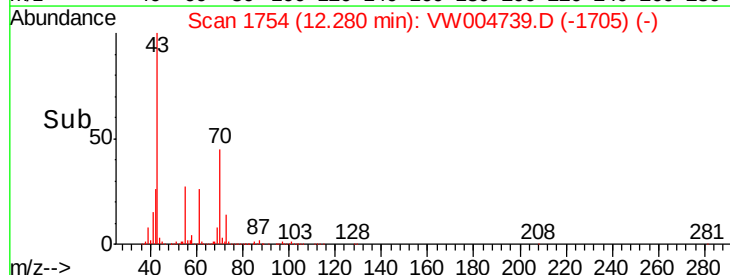
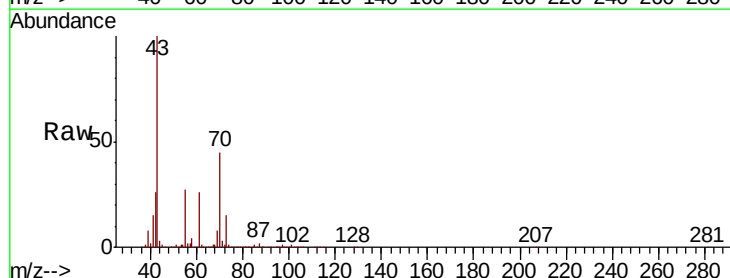
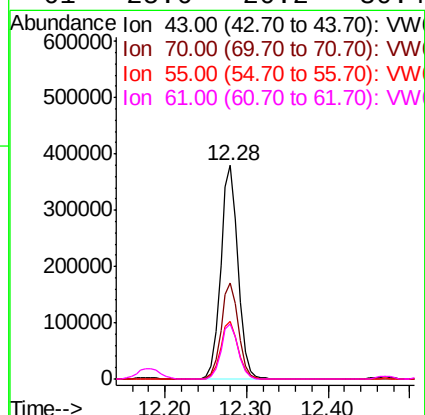
Ion Ratio Lower Upper

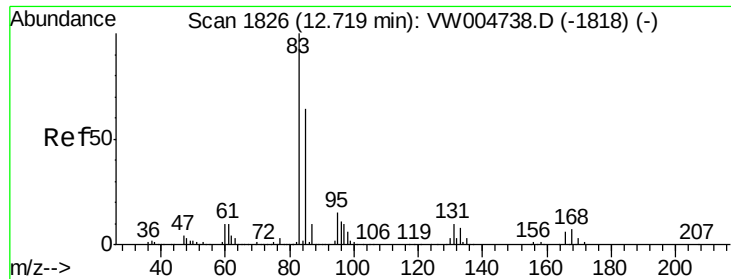
43 100

70 45.0 36.3 54.5

55 27.5 22.6 33.8

61 25.6 20.2 30.4





#75

1,1,2,2-Tetrachloroethane

Concen: 72.06 ug/l

RT: 12.72 min Scan# 1826

Delta R.T. -0.00 min

Lab File: VW004739.D

Acq: 17 Aug 2018 17:37

Instrument :

MSVOA_W

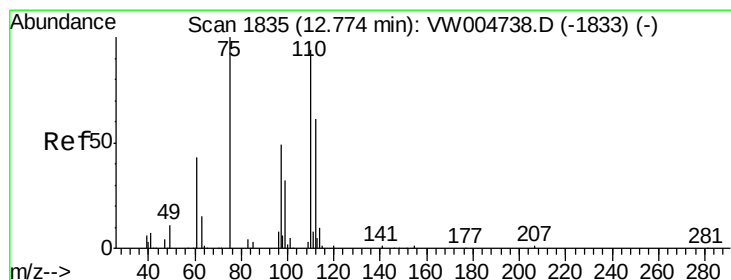
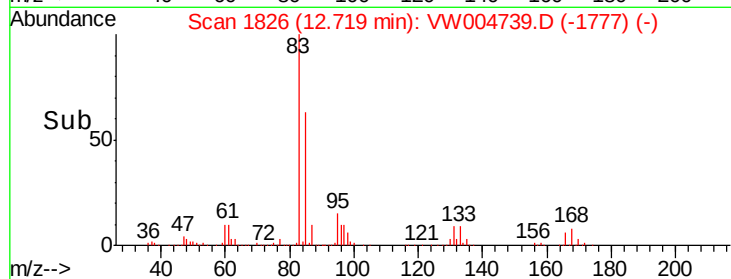
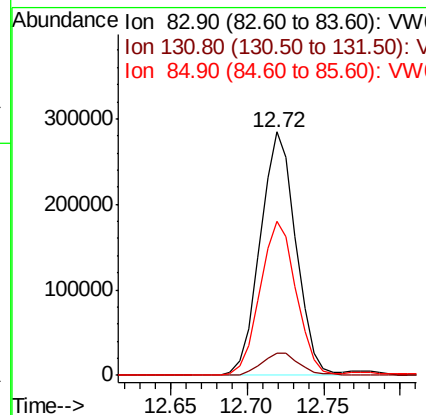
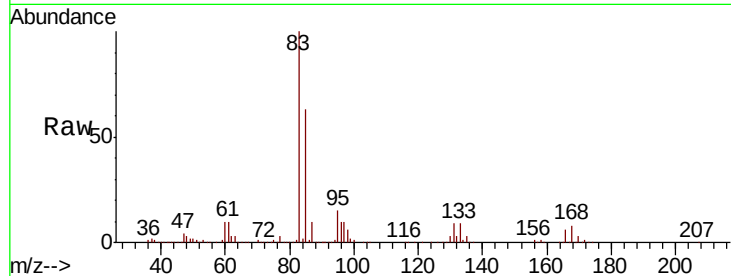
ClientSampleId :

VSTDIC075

Tot Ion:	83	Resp:	462509
Ion Ratio	Lower	Upper	
83	100		
131	10.0	5.3	15.8
85	64.0	31.9	95.9

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 48.75 ug/l m

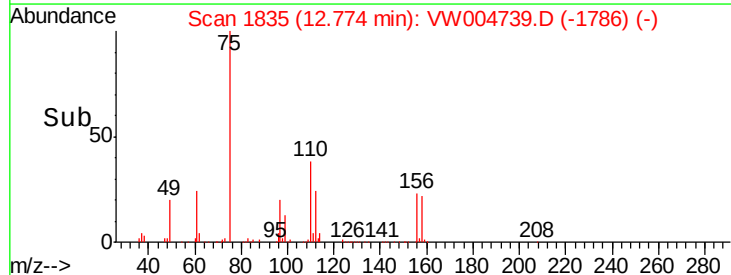
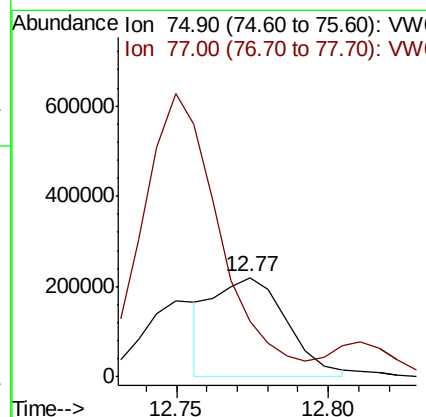
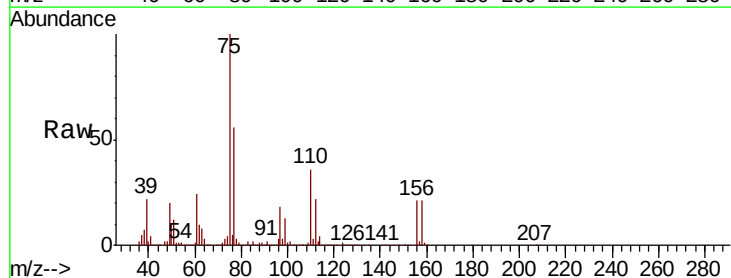
RT: 12.77 min Scan# 1835

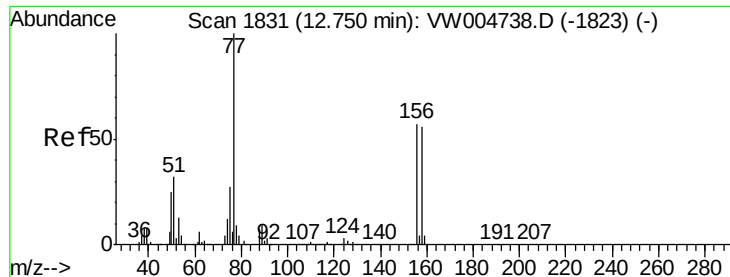
Delta R.T. -0.00 min

Lab File: VW004739.D

Acq: 17 Aug 2018 17:37

Tgt Ion:	75	Resp:	367752
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 71.54 ug/l

RT: 12.75 min Scan# 1831

Delta R.T. -0.00 min

Lab File: VW004739.D

Acq: 17 Aug 2018 17:37

Instrument :

MSVOA_W

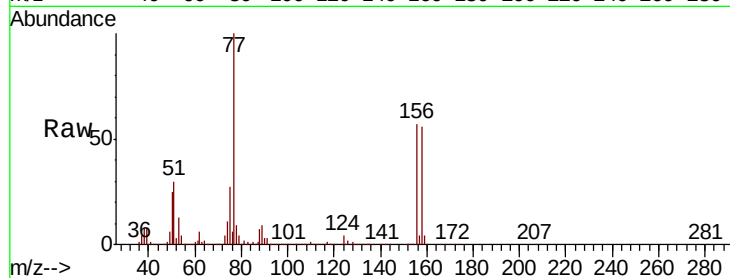
ClientSampleId :

VSTDIC075

Tot Ion:	156	Resp:	599986
Ion Ratio	Lower	Upper	
156	100		
77	186.7	94.2	282.4
158	96.6	48.6	145.9

Manual Integrations
APPROVED

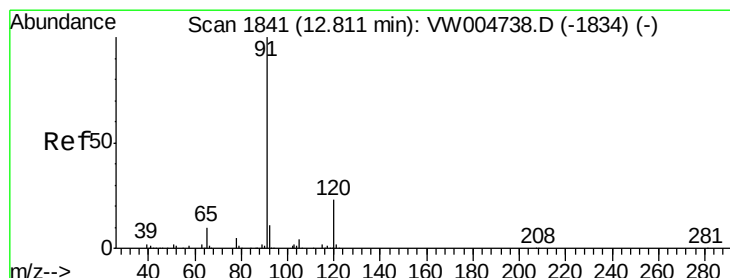
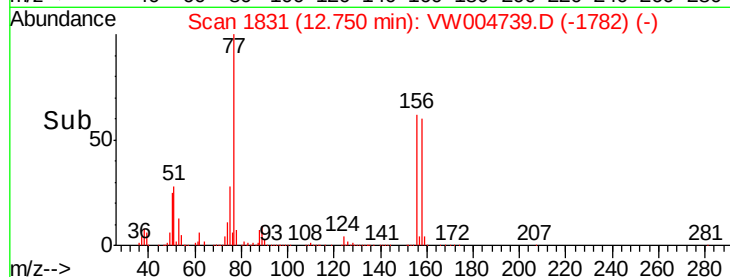
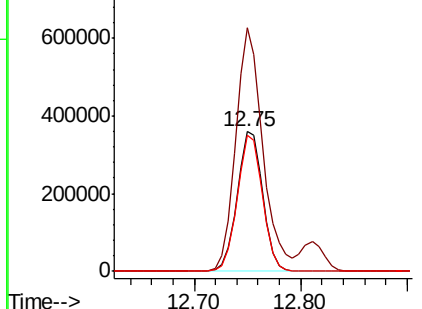
apatel
8/20/2018 9:53:52 AM



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: 73.54 ug/l

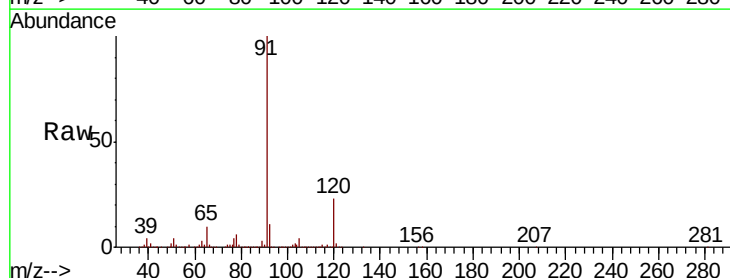
RT: 12.81 min Scan# 1841

Delta R.T. -0.00 min

Lab File: VW004739.D

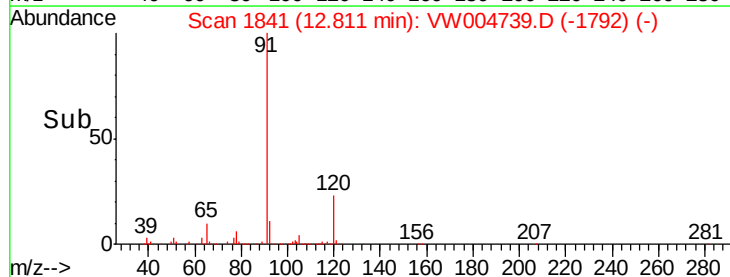
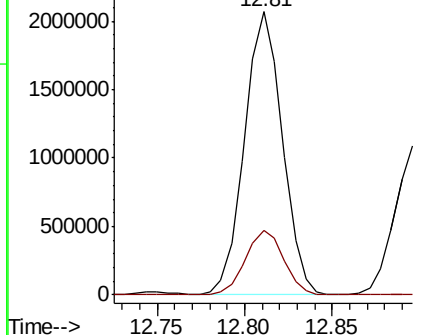
Acq: 17 Aug 2018 17:37

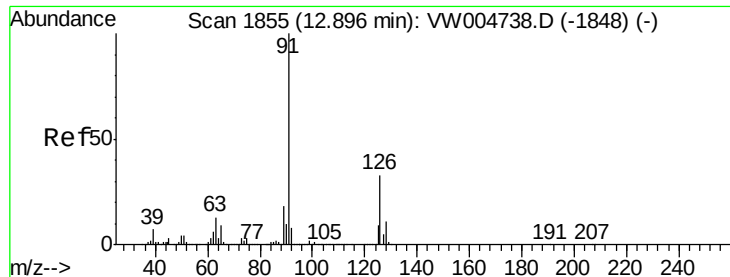
Tgt Ion:	91	Resp:	3109076
Ion Ratio	Lower	Upper	
91	100		
120	23.0	11.4	34.2



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





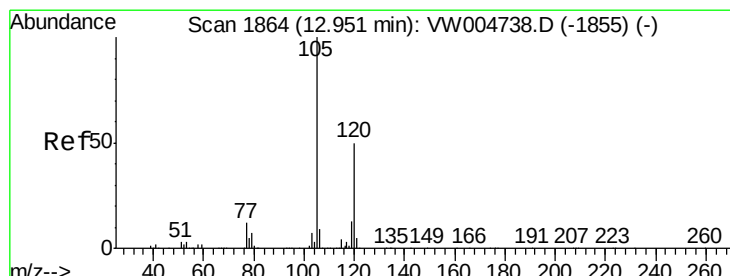
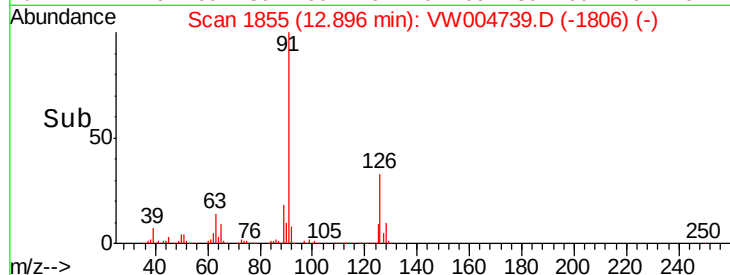
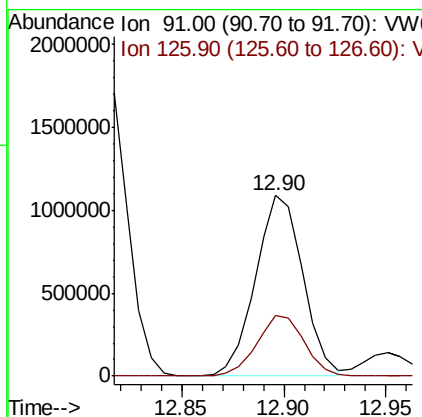
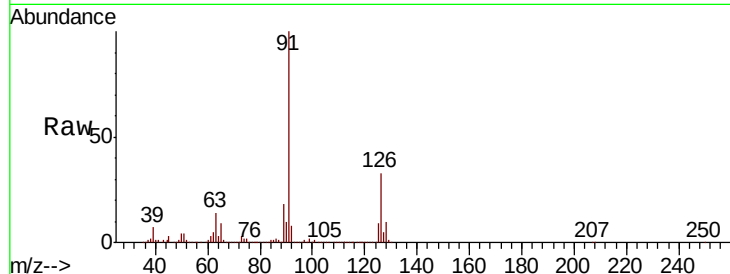
#79
 2-Chlorotoluene
 Concen: 72.15 ug/l
 RT: 12.90 min Scan# 1855
 Delta R.T. -0.00 min
 Lab File: VW004739.D
 Acq: 17 Aug 2018 17:37

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC075

Tot Ion: 91 Resp: 1758227
 Ion Ratio Lower Upper
 91 100
 126 33.8 17.0 51.0

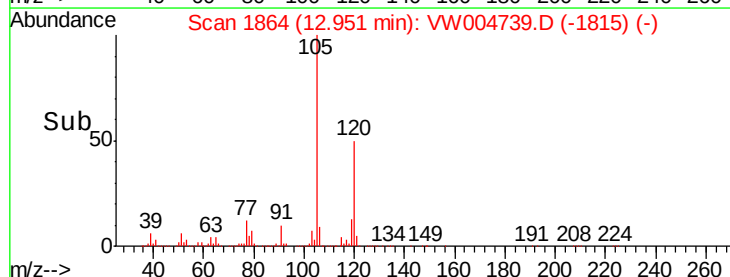
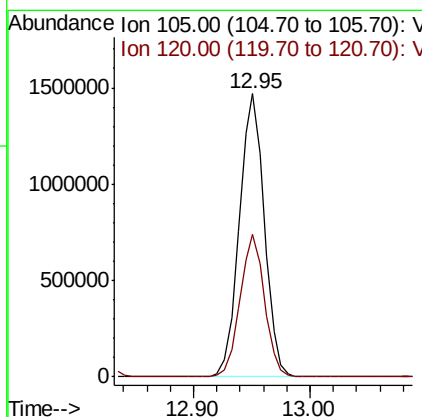
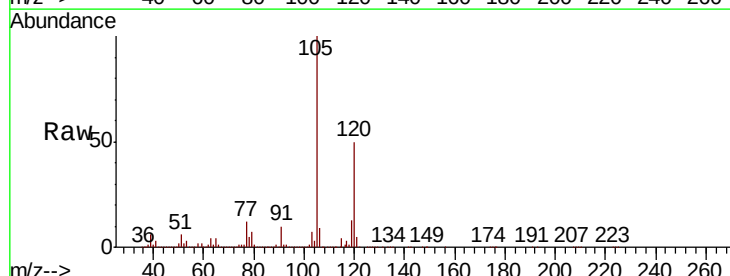
Manual Integrations
 APPROVED

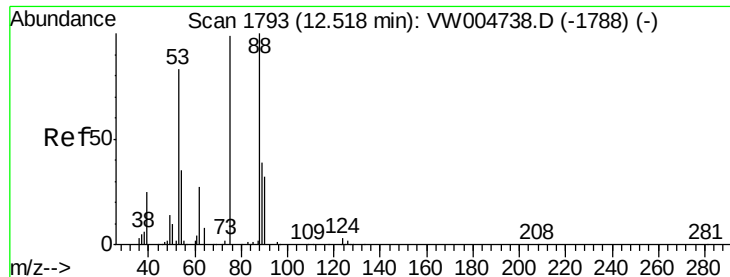
apatel
 8/20/2018 9:53:52 AM



#80
 1,3,5-Trimethylbenzene
 Concen: 74.57 ug/l
 RT: 12.95 min Scan# 1864
 Delta R.T. -0.00 min
 Lab File: VW004739.D
 Acq: 17 Aug 2018 17:37

Tgt Ion:105 Resp: 2194952
 Ion Ratio Lower Upper
 105 100
 120 49.2 24.7 74.1





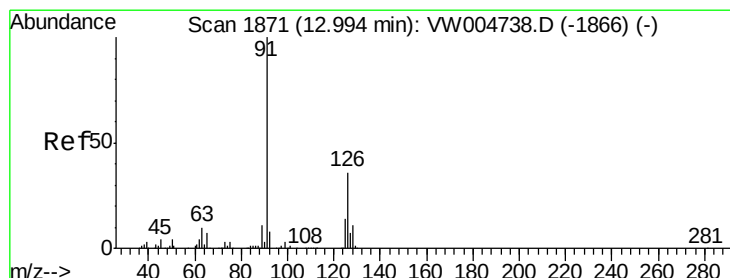
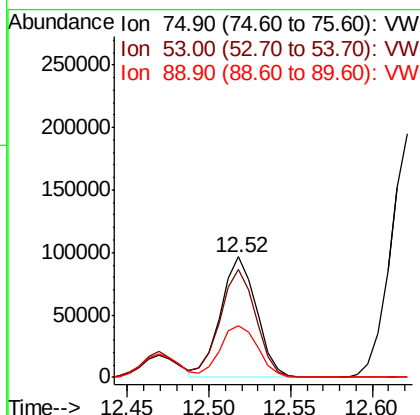
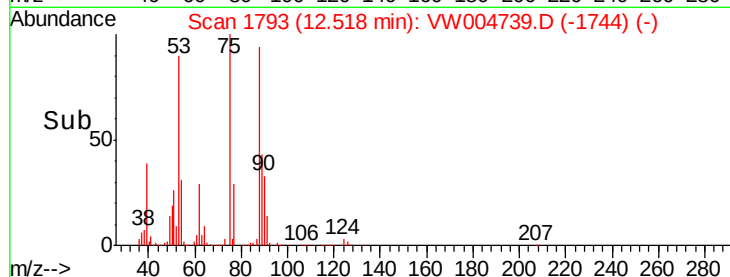
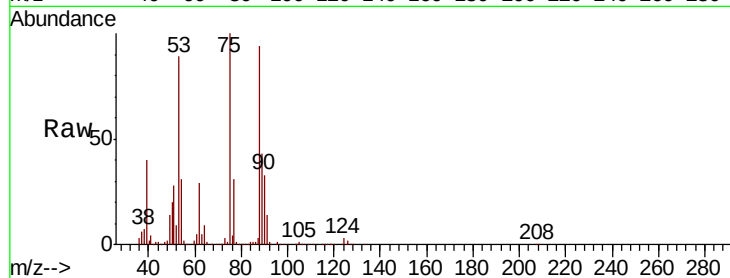
#81
trans-1,4-Dichloro-2-butene
Concen: 76.29 ug/l
RT: 12.52 min Scan# 1793
Delta R.T. -0.00 min
Lab File: VW004739.D
Acq: 17 Aug 2018 17:37

Instrument :
MSVOA_W
ClientSampled :
VSTDIC075

Tot Ion	Ratio	Lower	Upper
75	100		
53	89.7	72.2	108.4
89	44.7	35.2	52.8

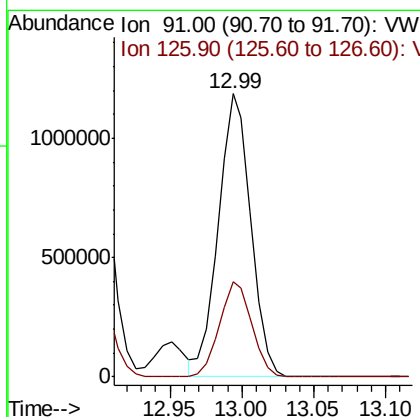
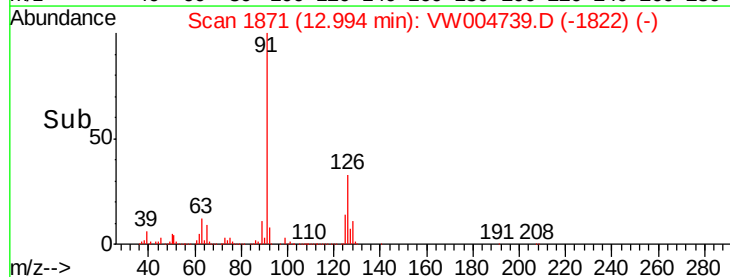
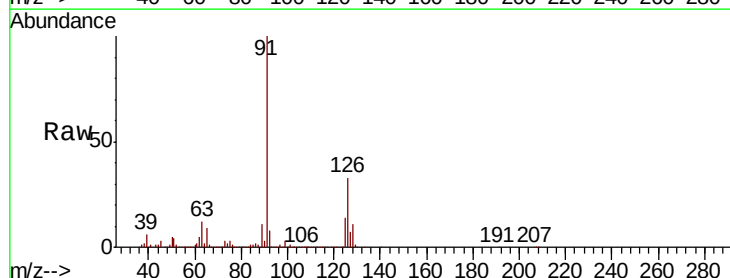
Manual Integrations
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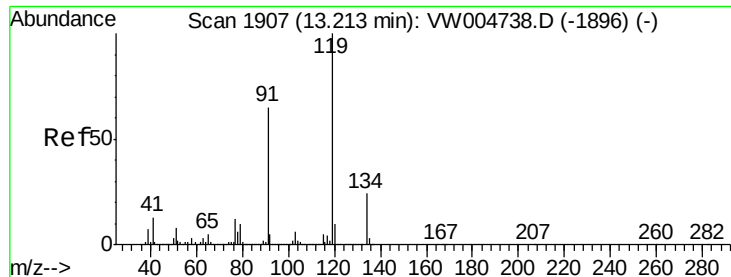
apatel
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#82
4-Chlorotoluene
Concen: 72.15 ug/l
RT: 12.99 min Scan# 1871
Delta R.T. -0.00 min
Lab File: VW004739.D
Acq: 17 Aug 2018 17:37

Tgt Ion	Ratio	Lower	Upper
91	100		
126	33.5	16.9	50.7





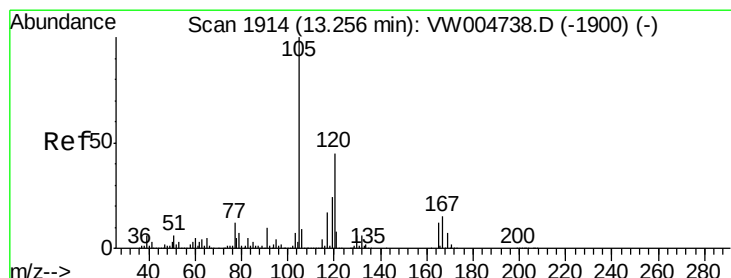
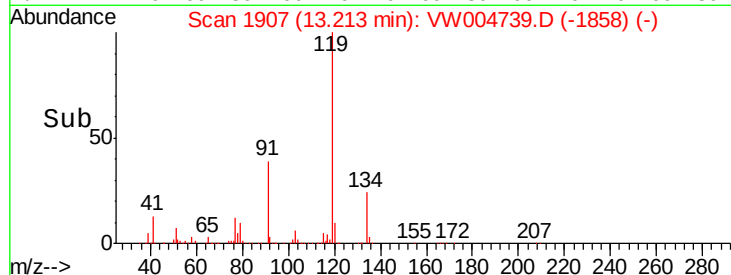
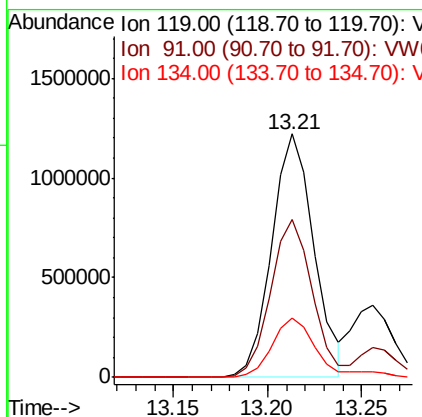
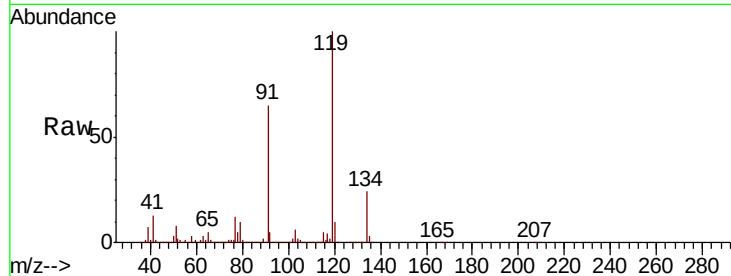
#83
 tert-Butylbenzene
 Concen: 75.24 ug/l
 RT: 13.21 min Scan# 1907
 Delta R.T. -0.00 min
 Lab File: VW004739.D
 Acq: 17 Aug 2018 17:37

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC075

Tot Ion	Ratio	Lower	Upper
119	100		
91	63.7	32.6	97.8
134	26.1	13.1	39.3

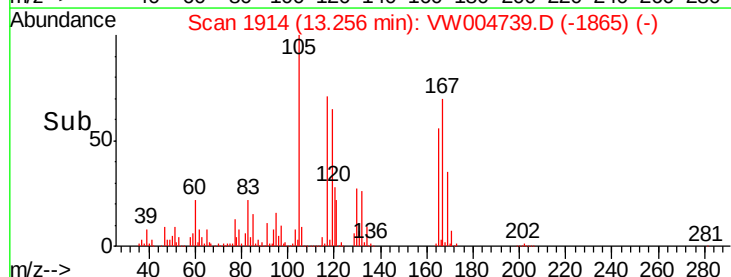
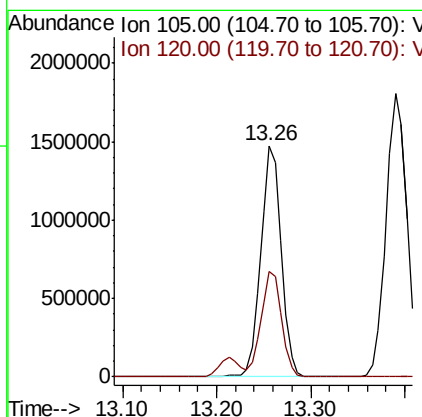
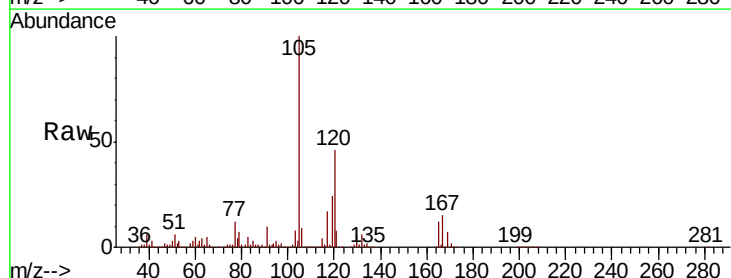
Manual Integrations
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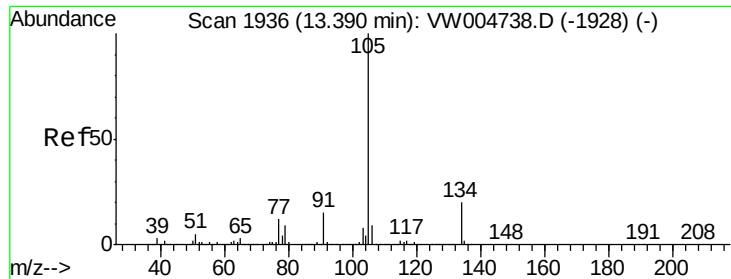
apatel
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#84
 1,2,4-Trimethylbenzene
 Concen: 74.15 ug/l
 RT: 13.26 min Scan# 1914
 Delta R.T. -0.00 min
 Lab File: VW004739.D
 Acq: 17 Aug 2018 17:37

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.6	22.8	68.3





#85

sec-Butylbenzene

Concen: 74.08 ug/l

RT: 13.39 min Scan# 1936

Delta R.T. -0.00 min

Lab File: VW004739.D

Acq: 17 Aug 2018 17:37

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC075

Tot Ion:105 Resp: 2784688

Ion Ratio Lower Upper

105 100

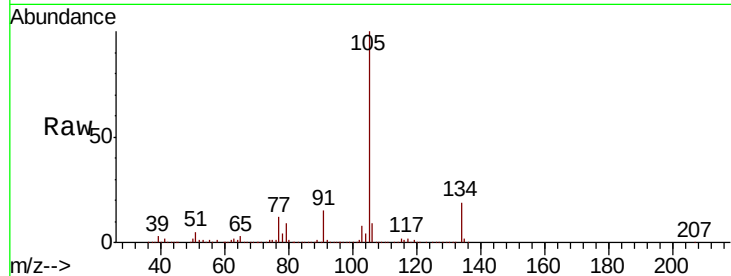
134 19.7 10.0 29.8

Manual Integrations

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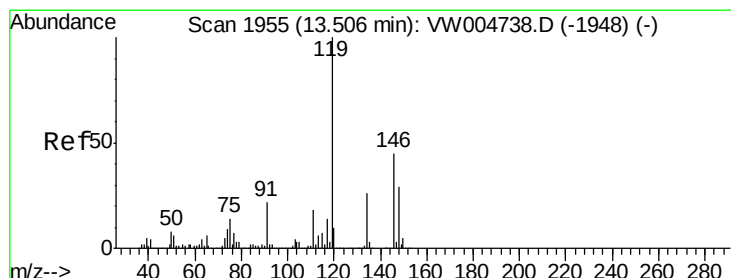
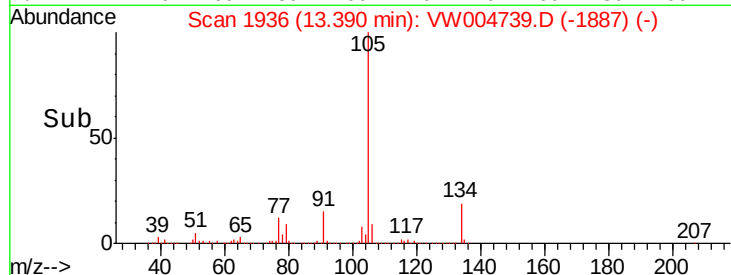
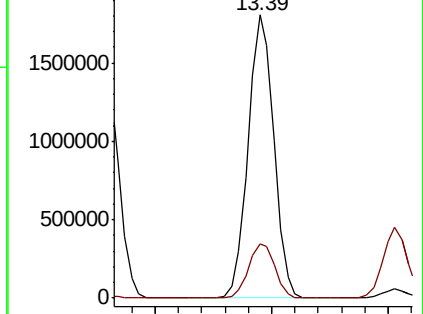
apatel

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 74.91 ug/l

RT: 13.51 min Scan# 1955

Delta R.T. -0.00 min

Lab File: VW004739.D

Acq: 17 Aug 2018 17:37

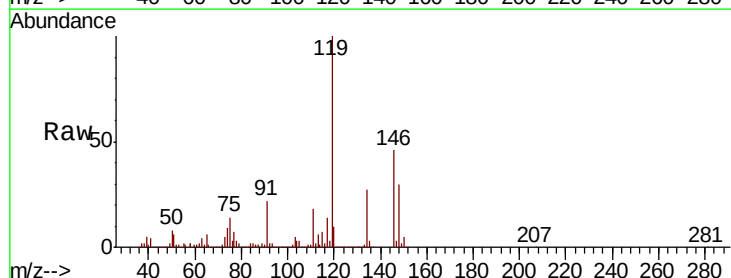
Tgt Ion:119 Resp: 2450124

Ion Ratio Lower Upper

119 100

134 26.4 13.1 39.3

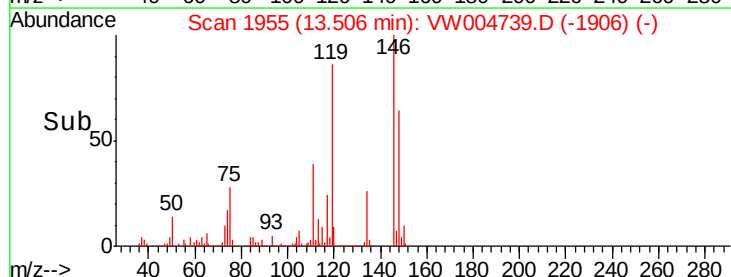
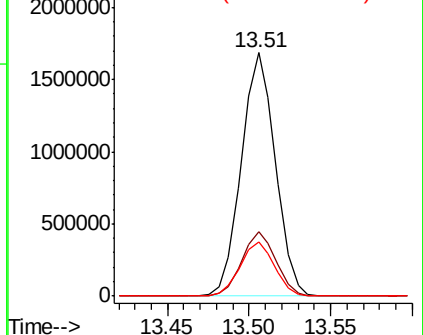
91 22.4 11.2 33.5

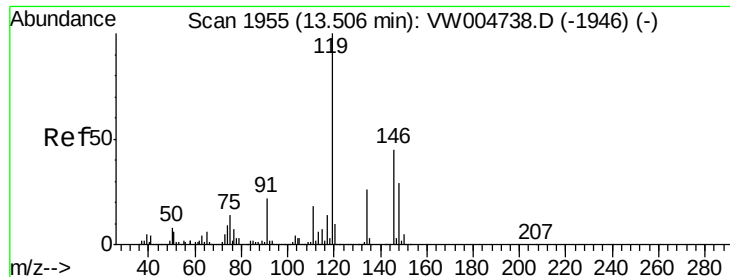


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





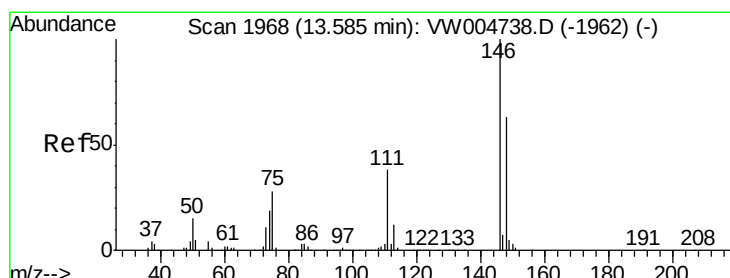
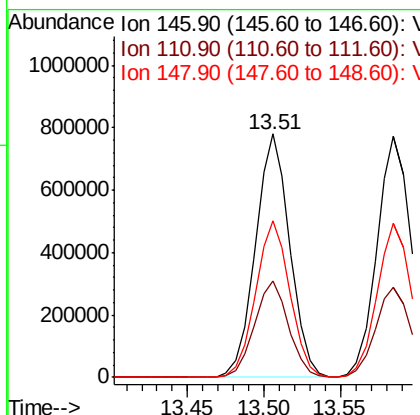
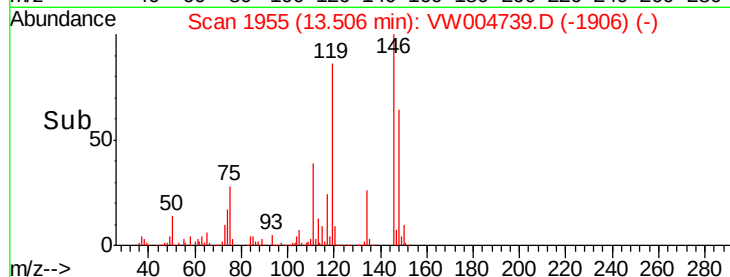
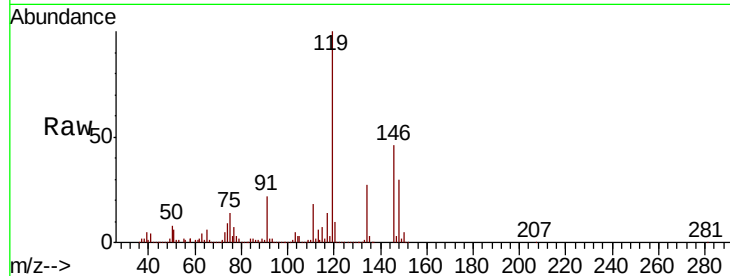
#87
 1,3-Dichlorobenzene
 Concen: 71.39 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. -0.00 min
 Lab File: VW004739.D
 Acq: 17 Aug 2018 17:37

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC075

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.2	19.8	59.4
148	64.0	31.9	95.9

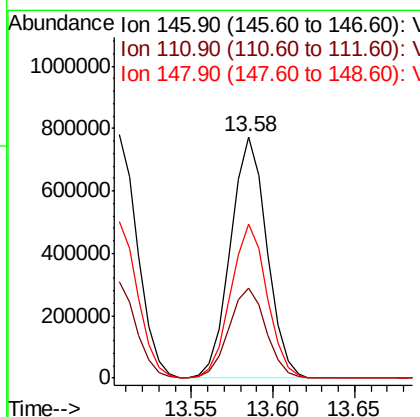
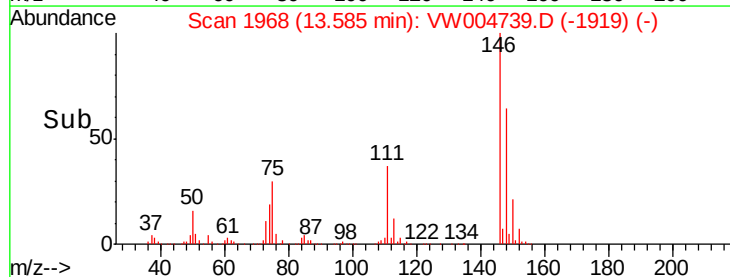
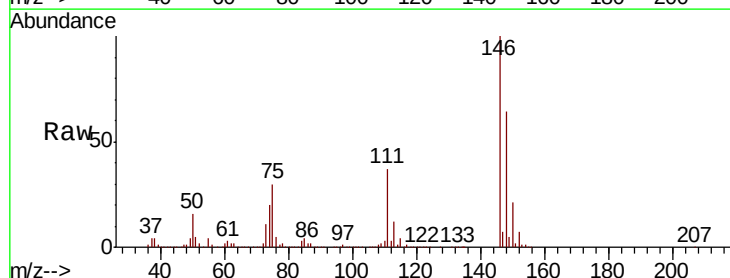
Manual Integrations
 APPROVED

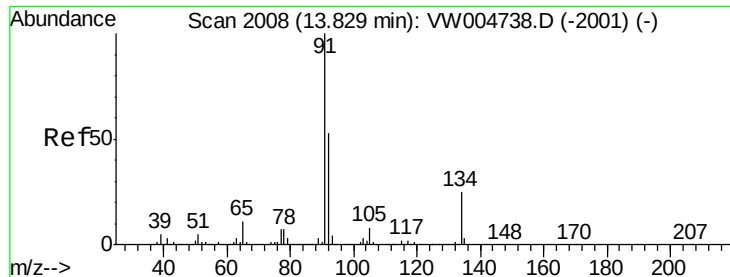
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#88
 1,4-Dichlorobenzene
 Concen: 70.35 ug/l
 RT: 13.58 min Scan# 1968
 Delta R.T. -0.00 min
 Lab File: VW004739.D
 Acq: 17 Aug 2018 17:37

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.1	19.3	57.8
148	63.7	31.8	95.3





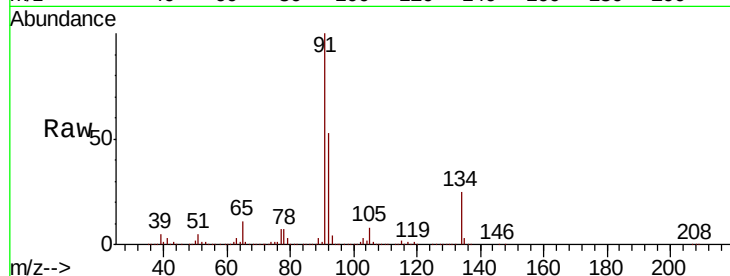
#89
n-Butylbenzene
Concen: 74.76 ug/l
RT: 13.83 min Scan# 2008
Delta R.T. -0.00 min
Lab File: VW004739.D
Acq: 17 Aug 2018 17:37

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

Tot Ion	Ion	Ratio	Lower	Upper
91	100			
92	53.3	26.4	79.2	
134	25.8	12.8	38.3	

Manual Integrations
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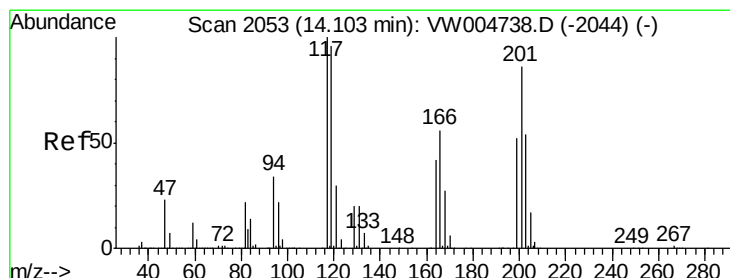
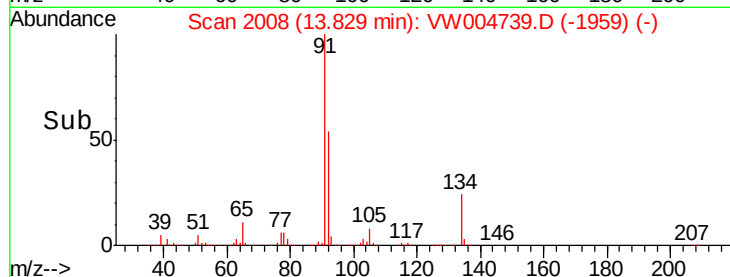
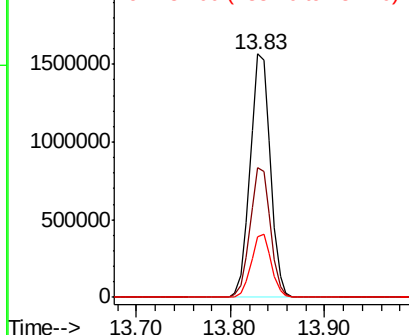


Abundance

Ion 91.00 (90.70 to 91.70): VW

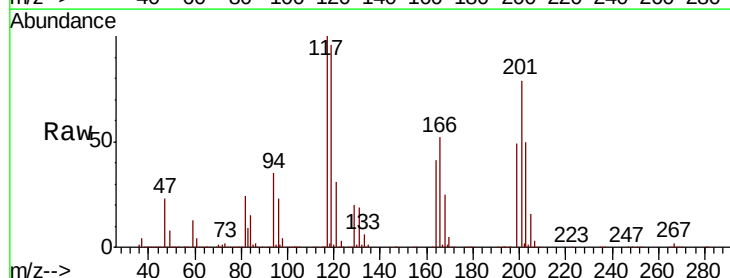
Ion 92.00 (91.70 to 92.70): VW

Ion 134.00 (133.70 to 134.70): V



#90
Hexachloroethane
Concen: 72.31 ug/l
RT: 14.10 min Scan# 2052
Delta R.T. -0.01 min
Lab File: VW004739.D
Acq: 17 Aug 2018 17:37

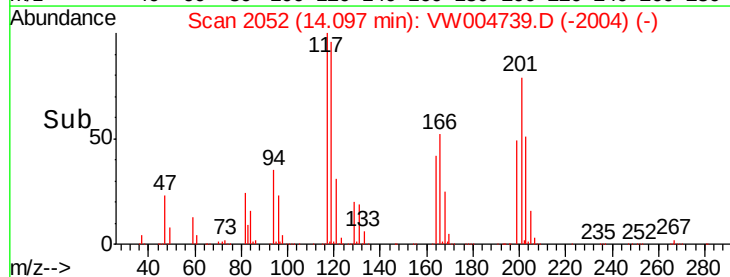
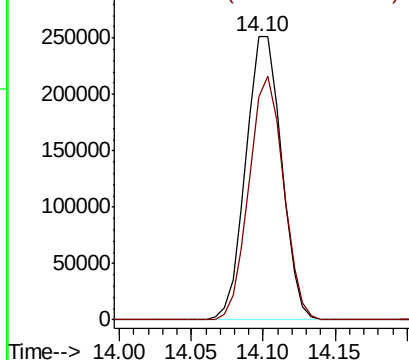
Tgt Ion	Ion	Ratio	Lower	Upper
117	100			
201	83.2	42.4	127.2	

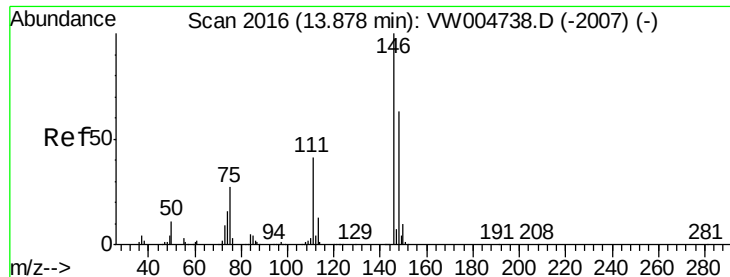


Abundance

Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V





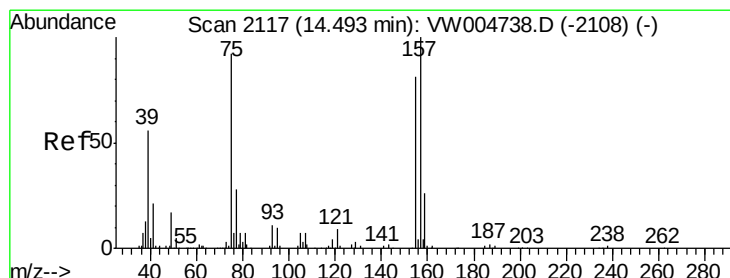
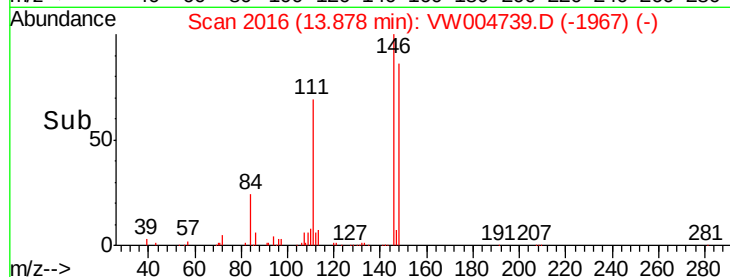
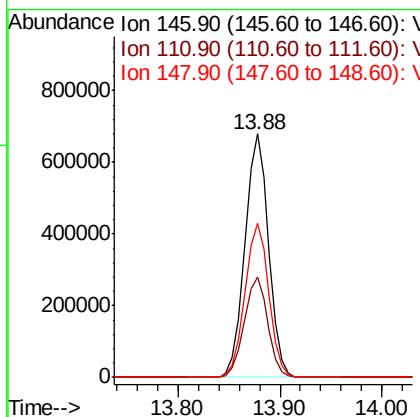
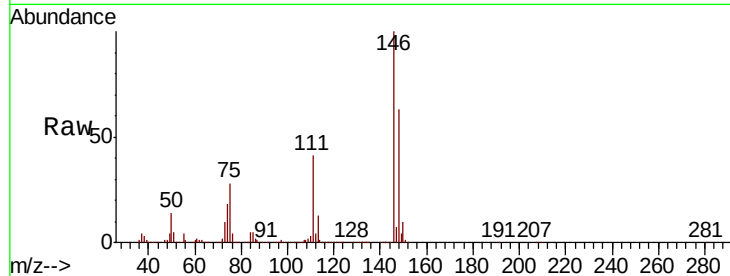
#91
 1,2-Dichlorobenzene
 Concen: 71.10 ug/l
 RT: 13.88 min Scan# 2016
 Delta R.T. -0.00 min
 Lab File: VW004739.D
 Acq: 17 Aug 2018 17:37

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC075

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.1	20.4	61.3
148	64.0	31.6	95.0

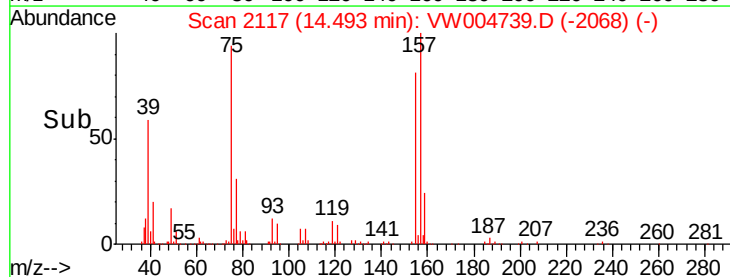
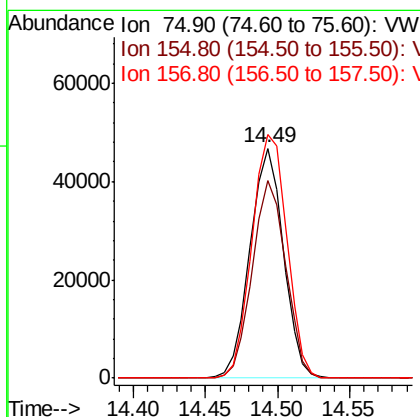
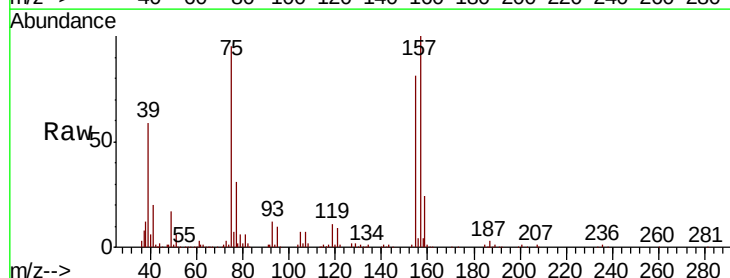
Manual Integrations
 APPROVED

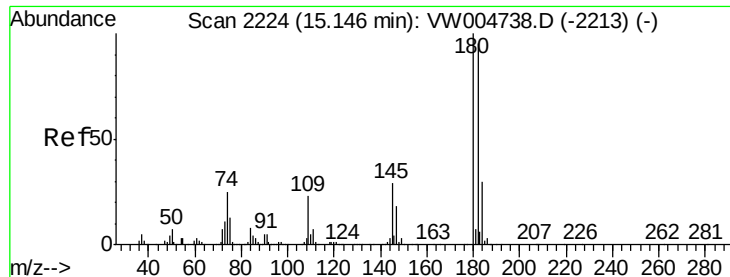
apatel
 8/20/2018 9:53:52 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 74.81 ug/l
 RT: 14.49 min Scan# 2117
 Delta R.T. -0.00 min
 Lab File: VW004739.D
 Acq: 17 Aug 2018 17:37

Tgt Ion	Ratio	Lower	Upper
75	100		
155	86.1	43.3	129.9
157	110.6	54.5	163.6





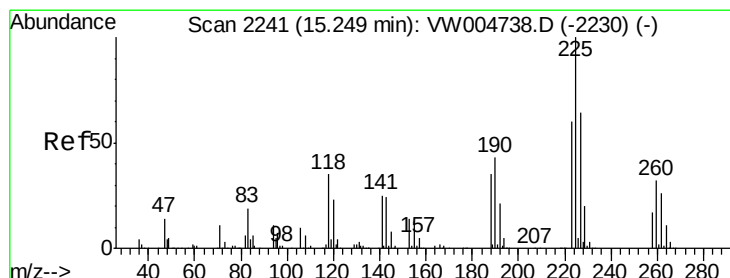
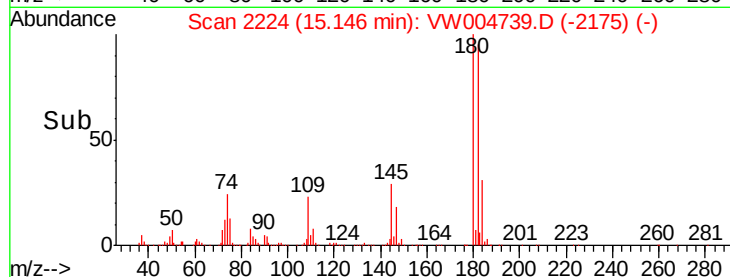
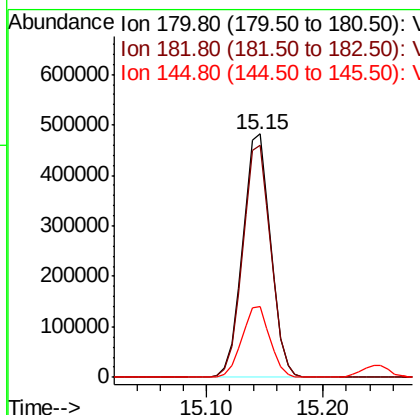
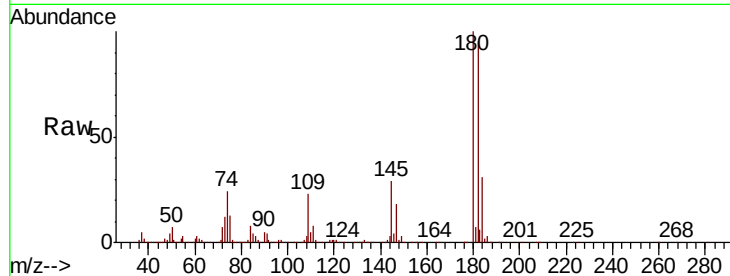
#93
 1,2,4-Trichlorobenzene
 Concen: 74.49 ug/l
 RT: 15.15 min Scan# 2224
 Delta R.T. -0.00 min
 Lab File: VW004739.D
 Acq: 17 Aug 2018 17:37

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC075

Tot Ion:	180	Resp:	807225
Ion Ratio	Lower	Upper	
180	100		
182	95.9	47.3	141.8
145	29.3	14.6	43.8

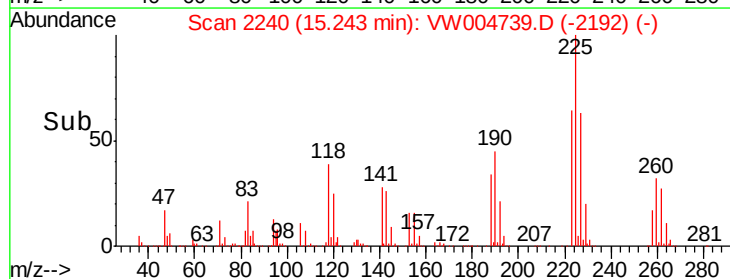
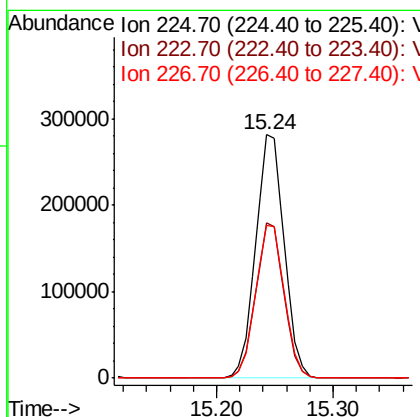
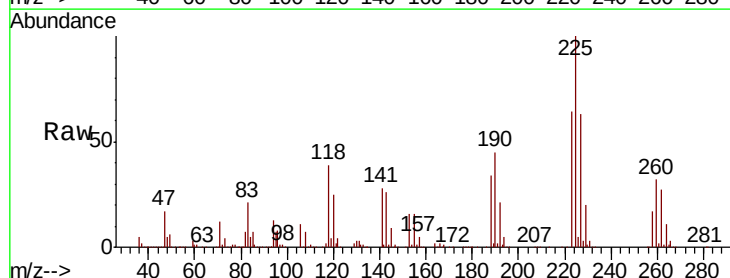
Manual Integrations
 APPROVED

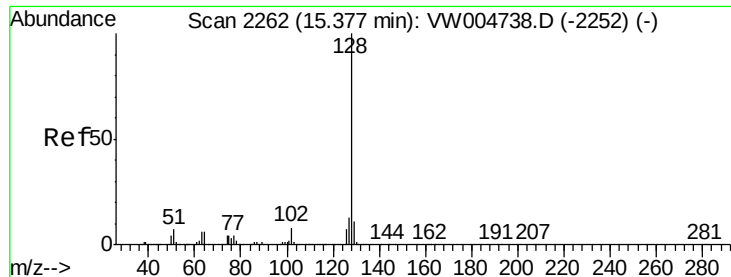
apatel
 8/20/2018 9:53:52 AM



#94
 Hexachlorobutadiene
 Concen: 72.52 ug/l
 RT: 15.24 min Scan# 2240
 Delta R.T. -0.01 min
 Lab File: VW004739.D
 Acq: 17 Aug 2018 17:37

Tgt Ion:	225	Resp:	482336
Ion Ratio	Lower	Upper	
225	100		
223	62.7	30.9	92.5
227	63.4	32.0	96.0





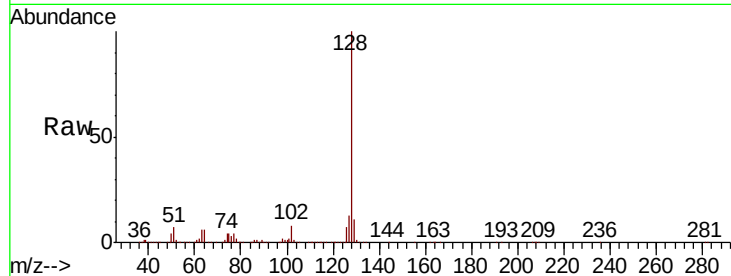
#95
Naphthalene
Concen: 80.05 ug/l
RT: 15.38 min Scan# 2262
Delta R.T. -0.00 min
Lab File: VW004739.D
Acq: 17 Aug 2018 17:37

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.4	15.6
129	10.8	8.6	13.0

Manual Integrations
APPROVED

apatel
8/20/2018 9:53:52 AM

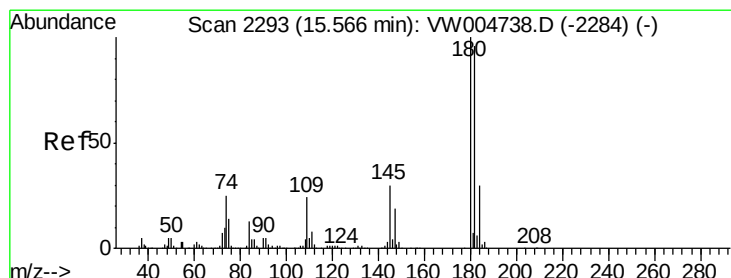
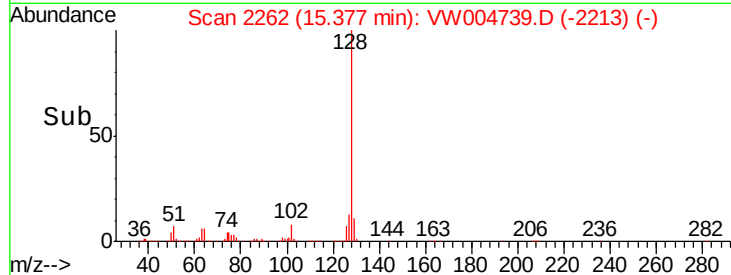
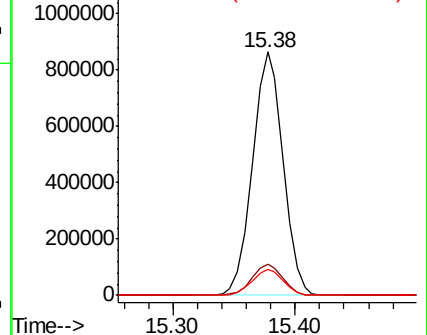


Abundance

Ion 128.00 (127.70 to 128.70): V

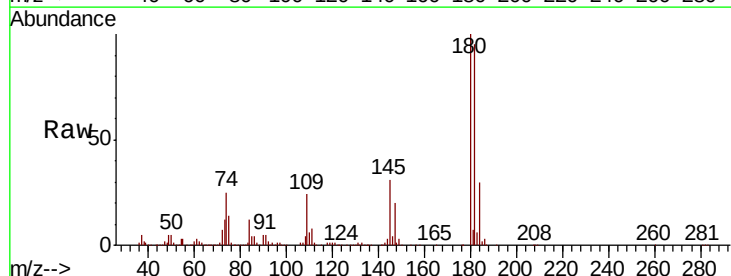
Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 75.33 ug/l
RT: 15.57 min Scan# 2293
Delta R.T. -0.00 min
Lab File: VW004739.D
Acq: 17 Aug 2018 17:37

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.6	47.3	142.0
145	31.0	15.4	46.1



Abundance

Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

