

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090118\
 Data File : VW005057.D
 Acq On : 01 Sep 2018 01:04
 Operator : SY/AP
 Sample : VSTDICCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

apatel
 9/4/2018 9:37:00 AM

Quant Time: Sep 01 03:22:57 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W090118S.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 01 03:06:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.96	168	489264	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	695146	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	694493	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	371113	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	186081	54.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.24%	
35) Dibromofluoromethane	7.89	113	192924	54.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.12%	
50) Toluene-d8	10.33	98	949603	50.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.12%	
62) 4-Bromofluorobenzene	12.62	95	332164	48.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.30%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	186809	44.43	ug/l	100
3) Chloromethane	2.22	50	282918	47.02	ug/l	100
4) Vinyl Chloride	2.36	62	278047	46.47	ug/l	100
5) Bromomethane	2.78	94	184089	46.75	ug/l	100
6) Chloroethane	2.92	64	176406	49.33	ug/l	100
7) Trichlorofluoromethane	3.26	101	307035	49.49	ug/l	100
8) Diethyl Ether	3.69	74	107995	58.64	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.07	101	211051	54.05	ug/l	100
10) Methyl Iodide	4.28	142	327472	61.20	ug/l	100
11) Tert butyl alcohol	5.19	59	63078	251.94	ug/l	100
12) 1,1-Dichloroethene	4.04	96	195205	53.73	ug/l	100
13) Acrolein	3.90	56	59575	213.88	ug/l	100
14) Allyl chloride	4.68	41	309875	55.14	ug/l	100
15) Acrylonitrile	5.38	53	236899	260.44	ug/l	100
16) Acetone	4.14	43	193479	252.37	ug/l	100
17) Carbon Disulfide	4.39	76	689929	46.43	ug/l	100
18) Methyl Acetate	4.68	43	111534	58.36	ug/l	100
19) Methyl tert-butyl Ether	5.43	73	487128	60.96	ug/l	100
20) Methylene Chloride	4.93	84	283455	44.21	ug/l	100
21) trans-1,2-Dichloroethene	5.43	96	235539	58.49	ug/l	100
22) Diisopropyl ether	6.32	45	683047	59.38	ug/l	100
23) Vinyl Acetate	6.26	43	1788291	301.98	ug/l	100
24) 1,1-Dichloroethane	6.23	63	398706	56.92	ug/l	100
25) 2-Butanone	7.18	43	340130	280.69	ug/l	100
26) 2,2-Dichloropropane	7.18	77	324349	53.34	ug/l	100
27) cis-1,2-Dichloroethene	7.18	96	260046	59.06	ug/l	100
28) Bromochloromethane	7.52	49	159713	53.00	ug/l	100
29) Tetrahydrofuran	7.54	42	181072	292.86	ug/l	100
30) Chloroform	7.68	83	402401	57.94	ug/l	100
31) Cyclohexane	7.96	56	399706	54.84	ug/l	100
32) 1,1,1-Trichloroethane	7.88	97	362744	57.40	ug/l	100
36) 1,1-Dichloropropene	8.09	75	343492	57.38	ug/l	100
37) Ethyl Acetate	7.26	43	125183	57.13	ug/l	100
38) Carbon Tetrachloride	8.07	117	321408	55.22	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	439412	53.77	ug/l	100
40) Benzene	8.33	78	1058526	55.44	ug/l	100
41) Methacrylonitrile	7.49	41	75694	58.65	ug/l	100
42) 1,2-Dichloroethane	8.41	62	244580	56.39	ug/l	100
43) Isopropyl Acetate	8.43	43	231436	53.97	ug/l	100
44) Trichloroethene	9.10	130	281257	57.18	ug/l	100
45) 1,2-Dichloropropane	9.38	63	253594	57.58	ug/l	100
46) Dibromomethane	9.46	93	117980	55.96	ug/l	100
47) Bromodichloromethane	9.65	83	301071	57.72	ug/l	100
48) Methyl methacrylate	9.45	41	115552	51.95	ug/l	100
49) 1,4-Dioxane	9.46	88	44062	1036.40	ug/l	100
51) 4-Methyl-2-Pentanone	10.21	43	811304	256.09	ug/l	100
52) Toluene	10.40	92	739843	52.39	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	304646	55.76	ug/l	100
54) cis-1,3-Dichloropropene	10.08	75	372693	58.09	ug/l	100
55) 1,1,2-Trichloroethane	10.79	97	184077	54.06	ug/l	100
56) Ethyl methacrylate	10.65	69	230409	52.44	ug/l	100
57) 1,3-Dichloropropane	10.94	76	305912	54.83	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	540279	282.64	ug/l	100
59) 2-Hexanone	10.98	43	562611	247.07	ug/l	100
60) Dibromochloromethane	11.13	129	209416	56.12	ug/l	100
61) 1,2-Dibromoethane	11.24	107	168255	53.21	ug/l	100
64) Tetrachloroethene	10.87	164	284490	55.43	ug/l	100
65) Chlorobenzene	11.66	112	814010	52.84	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.74	131	243714	57.16	ug/l	100
67) Ethyl Benzene	11.74	91	1438919	54.56	ug/l	100
68) m/p-Xylenes	11.85	106	1154922	107.75	ug/l	100
69) o-Xylene	12.17	106	529392	54.11	ug/l	100
70) Styrene	12.19	104	892960	54.96	ug/l	100
71) Bromoform	12.35	173	129285	54.86	ug/l	100
73) Isopropylbenzene	12.47	105	1444896	57.38	ug/l	100
74) N-amyl acetate	12.28	43	242401	51.92	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.72	83	202705	53.63	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	136604m	51.44	ug/l	
77) Bromobenzene	12.76	156	341648	55.33	ug/l	100
78) n-propylbenzene	12.81	91	1754453	56.64	ug/l	100
79) 2-Chlorotoluene	12.90	91	991779	55.46	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	1254266	56.56	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	60539	52.22	ug/l	100
82) 4-Chlorotoluene	12.99	91	1033651	54.35	ug/l	100
83) tert-Butylbenzene	13.21	119	1054242	56.58	ug/l	100
84) 1,2,4-Trimethylbenzene	13.26	105	1280271	56.83	ug/l	100
85) sec-Butylbenzene	13.39	105	1532291	56.13	ug/l	100
86) p-Isopropyltoluene	13.51	119	1376833	56.36	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	696180	53.50	ug/l	100
88) 1,4-Dichlorobenzene	13.59	146	683157	53.03	ug/l	100
89) n-Butylbenzene	13.83	91	1275664	55.74	ug/l	100
90) Hexachloroethane	14.10	117	215234	55.82	ug/l	100
91) 1,2-Dichlorobenzene	13.88	146	609727	53.26	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	32103	49.55	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	423259	53.06	ug/l	100
94) Hexachlorobutadiene	15.24	225	260685	52.28	ug/l	100
95) Naphthalene	15.38	128	678528	52.25	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	361960	51.58	ug/l	100

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

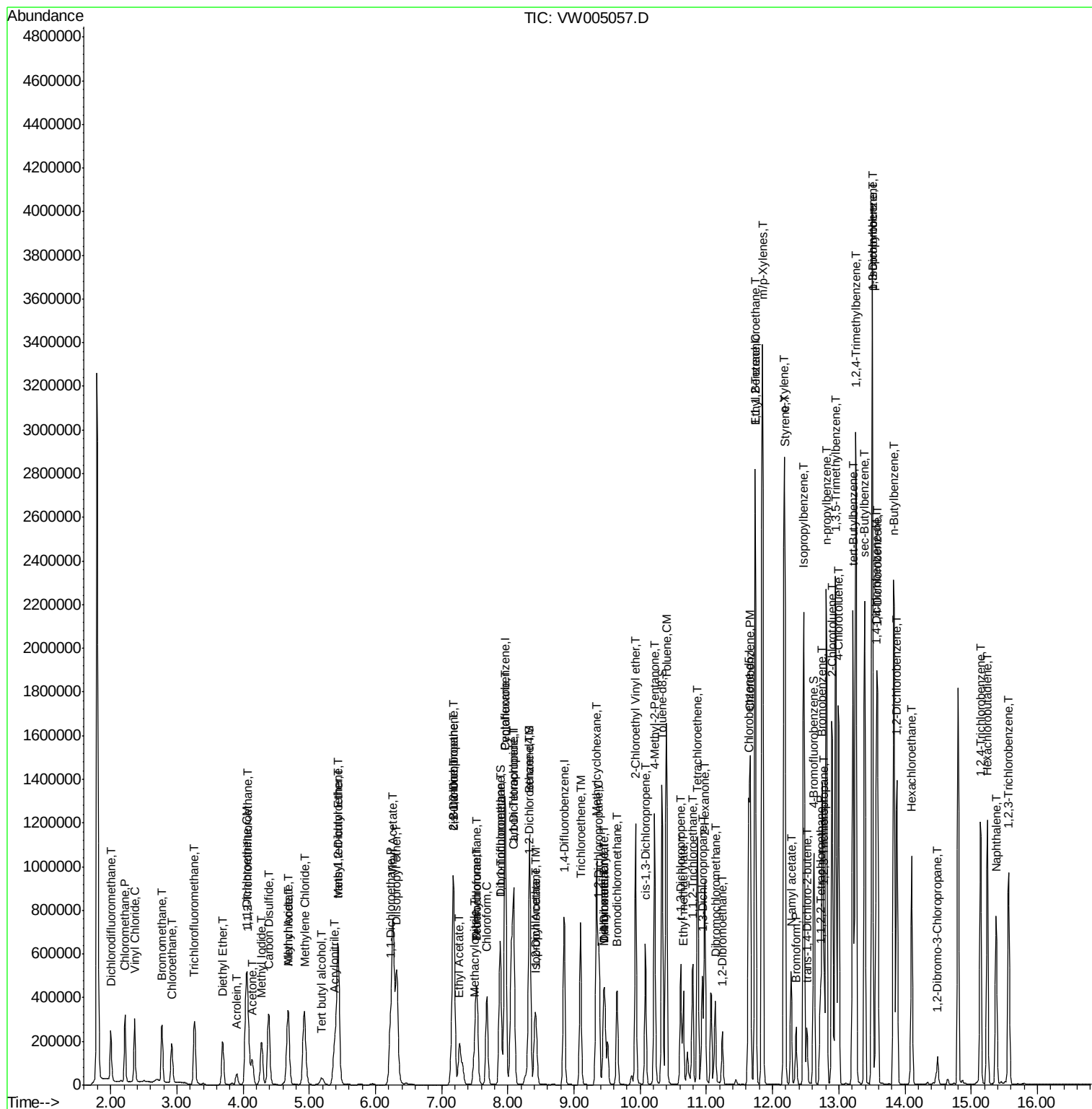
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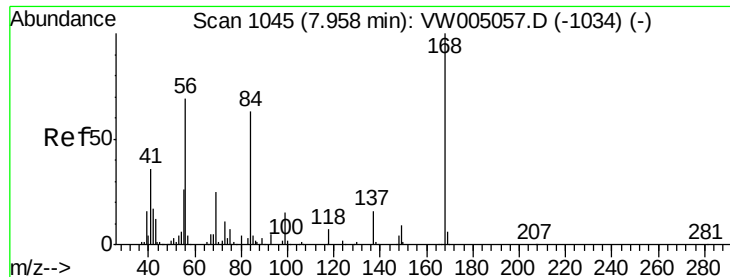
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Manual Integrations
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Quant Title : SW846 8260
QLast Update : Sat Sep 01 03:06:58 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.96 min Scan# 1045

Delta R.T. 0.00 min

Lab File: VW005057.D

Acq: 01 Sep 2018 01:04

Instrument :

MSVOA_W

ClientSampled :

VSTDICCC050

Tot Ion:168 Resp: 489264

Ion Ratio Lower Upper

168 100

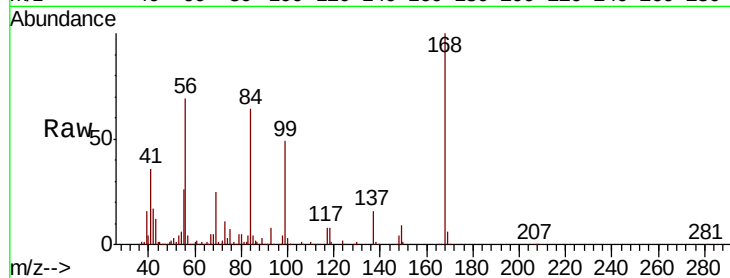
99 49.2 39.4 59.0

Manual Integrations

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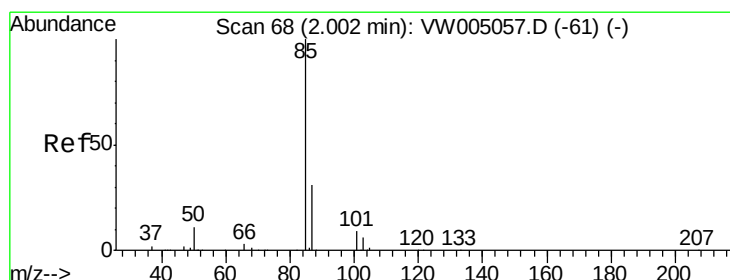
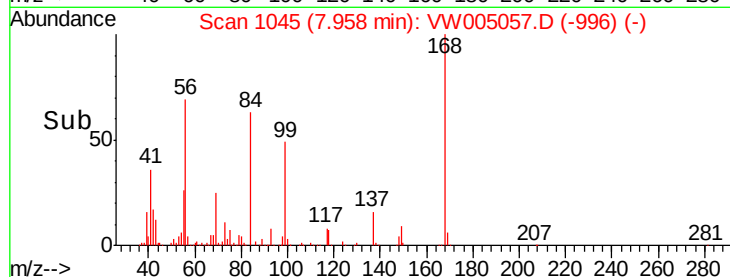
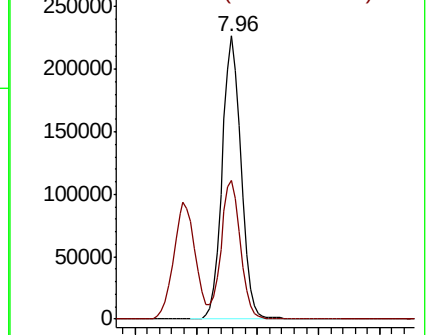
apatel

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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: 44.43 ug/l

RT: 2.00 min Scan# 68

Delta R.T. 0.00 min

Lab File: VW005057.D

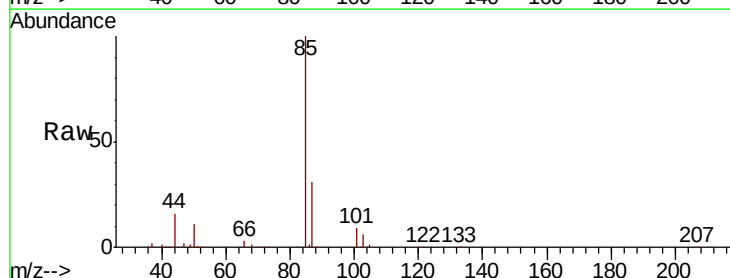
Acq: 01 Sep 2018 01:04

Tgt Ion: 85 Resp: 186809

Ion Ratio Lower Upper

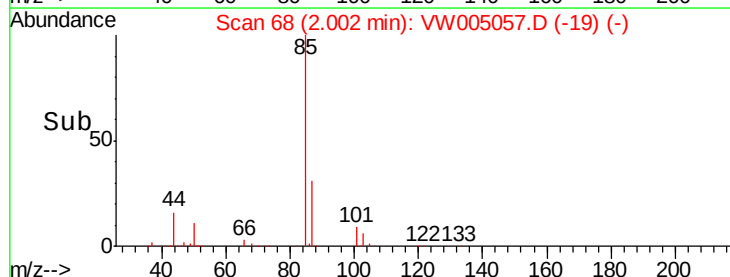
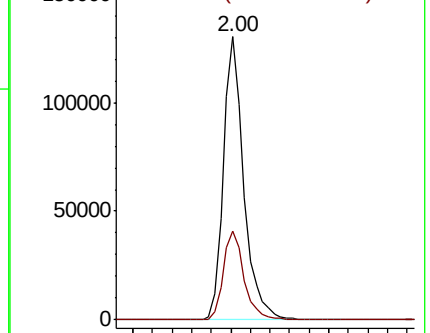
85 100

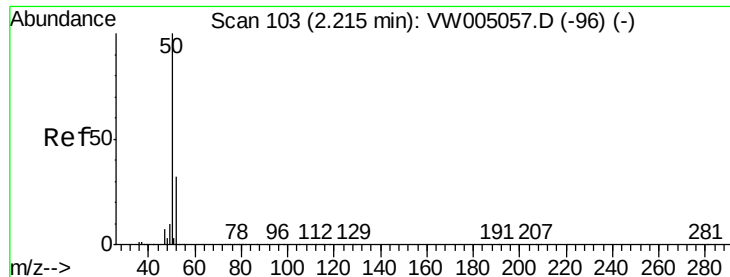
87 31.5 15.8 47.3



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#3

Chloromethane

Concen: 47.02 ug/l

RT: 2.22 min Scan# 103

Delta R.T. 0.00 min

Lab File: VW005057.D

Acq: 01 Sep 2018 01:04

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

Tot Ion: 50 Resp: 282918

Ion Ratio Lower Upper

50 100

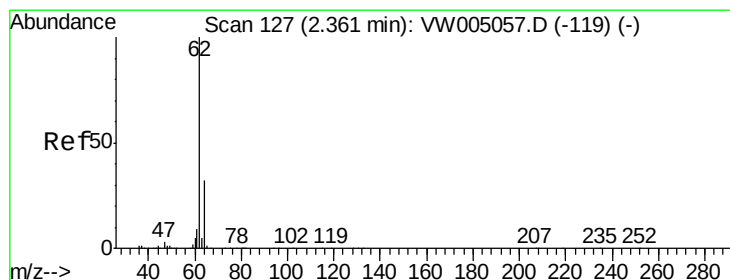
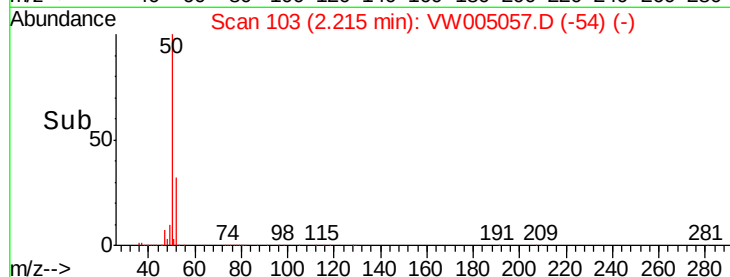
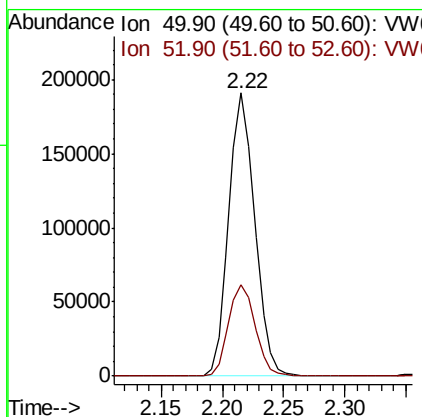
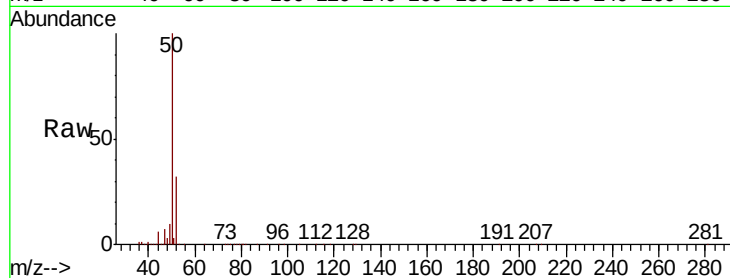
52 32.2 25.8 38.6

Manual Integrations

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#4

Vinyl Chloride

Concen: 46.47 ug/l

RT: 2.36 min Scan# 127

Delta R.T. 0.00 min

Lab File: VW005057.D

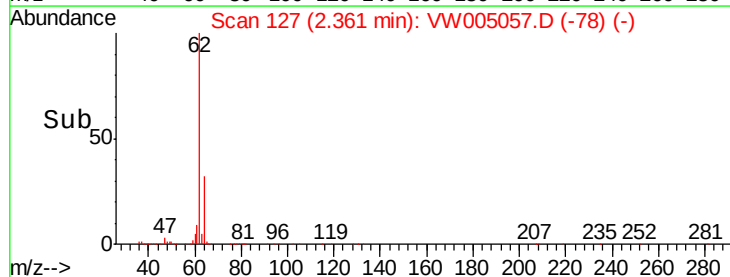
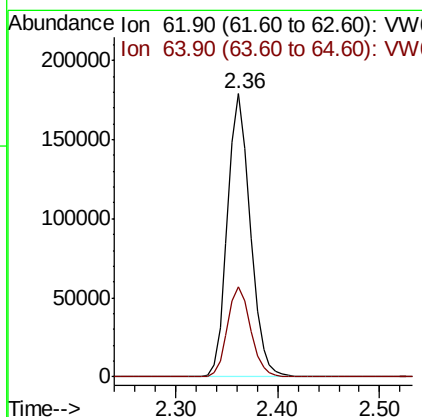
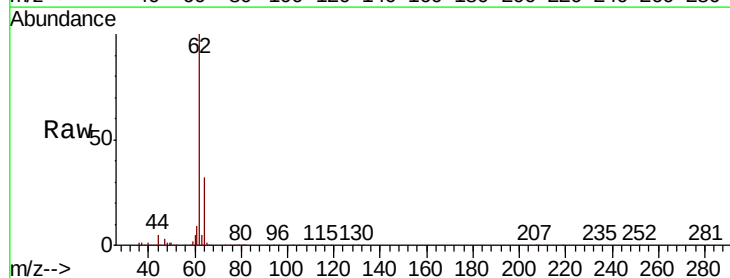
Acq: 01 Sep 2018 01:04

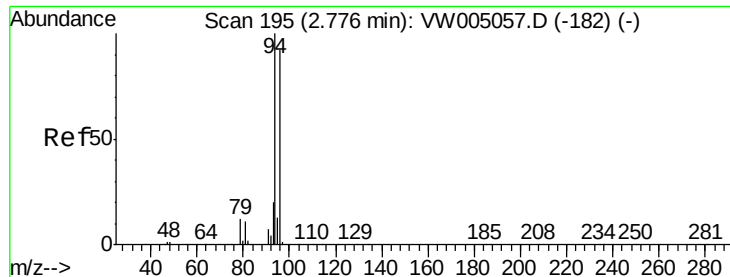
Tgt Ion: 62 Resp: 278047

Ion Ratio Lower Upper

62 100

64 32.0 25.6 38.4





#5

Bromomethane

Concen: 46.75 ug/l

RT: 2.78 min Scan# 195

Delta R.T. 0.00 min

Lab File: VW005057.D

Acq: 01 Sep 2018 01:04

Tot Ion: 94 Resp: 184089

Ion Ratio Lower Upper

94 100

96 91.5 73.2 109.8

Instrument :

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ClientSampleId :

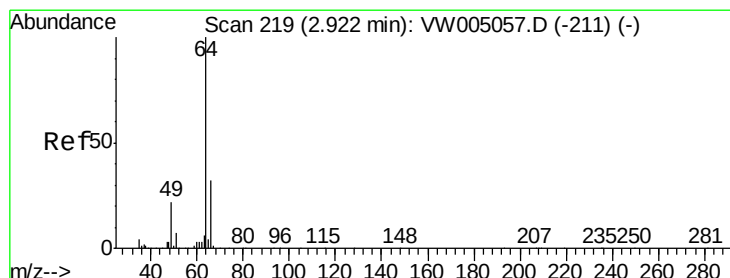
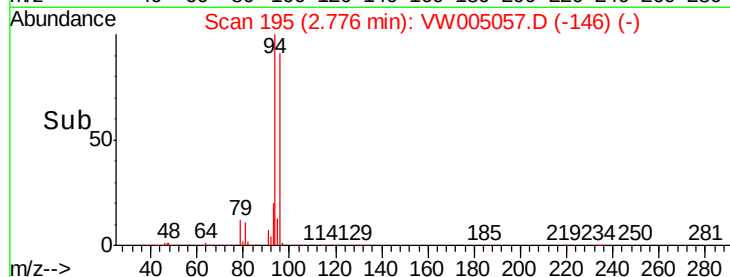
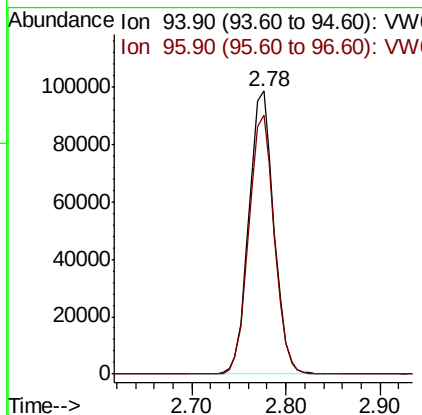
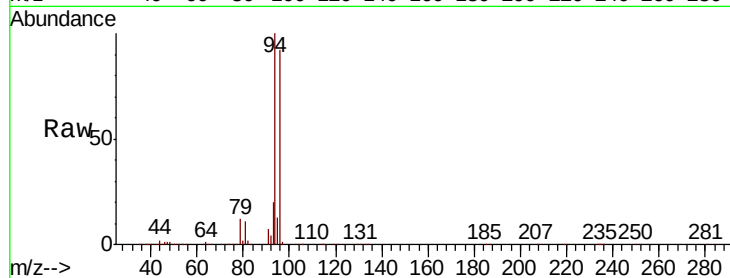
VSTDICCC050

Manual Integrations

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#6

Chloroethane

Concen: 49.33 ug/l

RT: 2.92 min Scan# 219

Delta R.T. 0.00 min

Lab File: VW005057.D

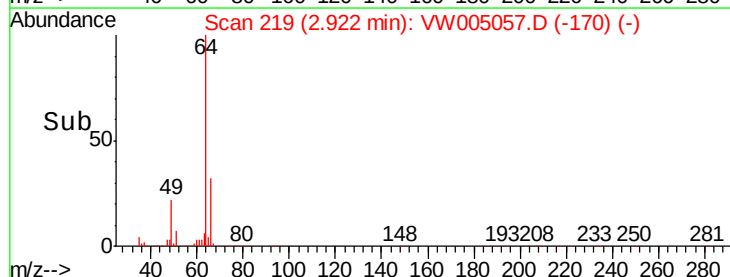
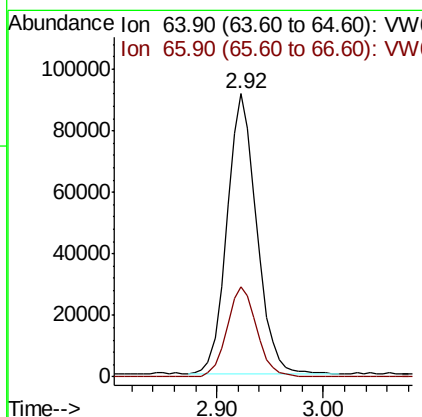
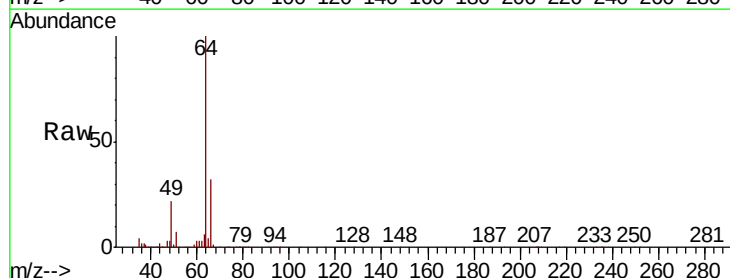
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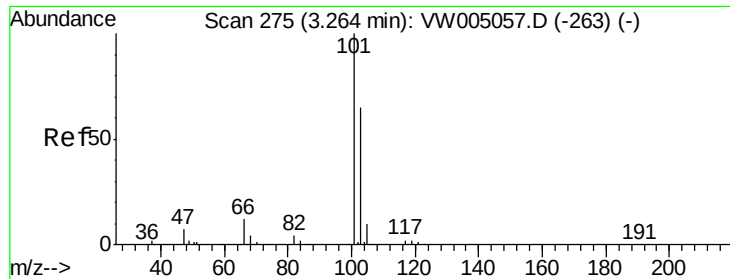
Tgt Ion: 64 Resp: 176406

Ion Ratio Lower Upper

64 100

66 32.1 25.7 38.5





#7

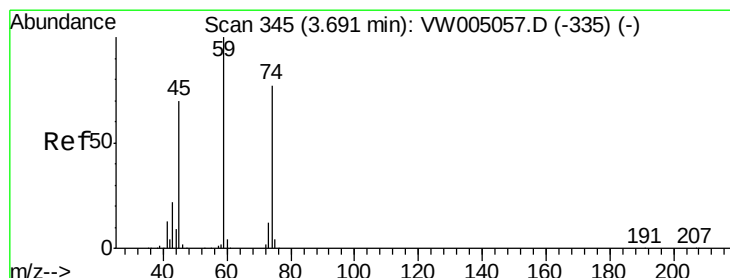
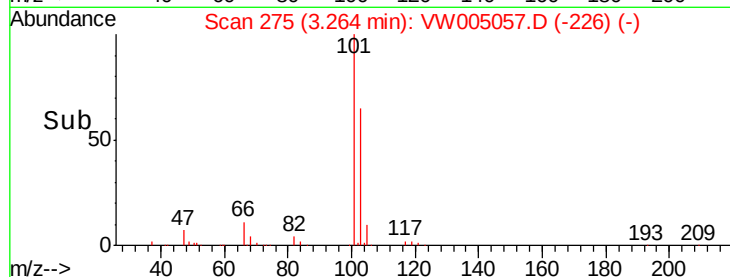
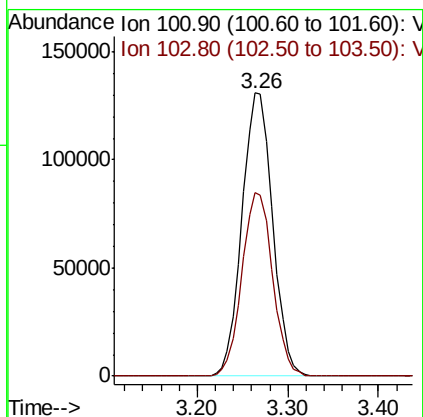
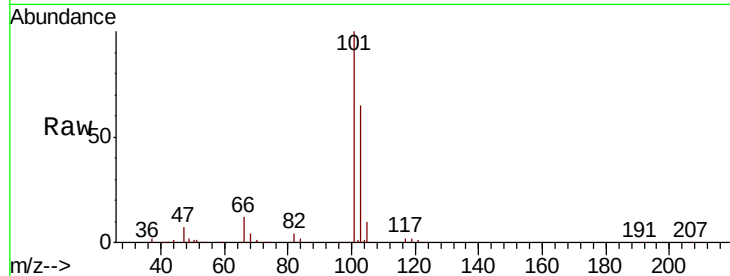
Trichlorofluoromethane
 Concen: 49.49 ug/l
 RT: 3.26 min Scan# 275
 Delta R.T. 0.00 min
 Lab File: VW005057.D
 Acq: 01 Sep 2018 01:04

Instrument :
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Tot Ion	Ratio	Resp	Lower	Upper
101	100	307035		
103	64.9	51.9	77.9	

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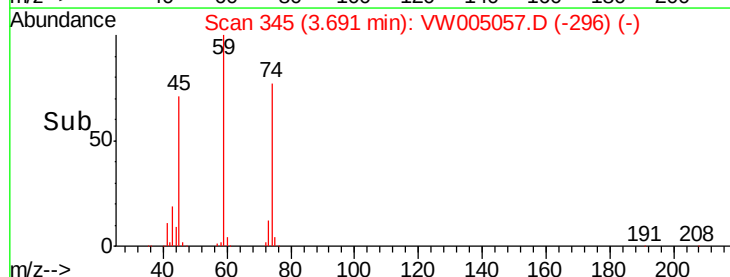
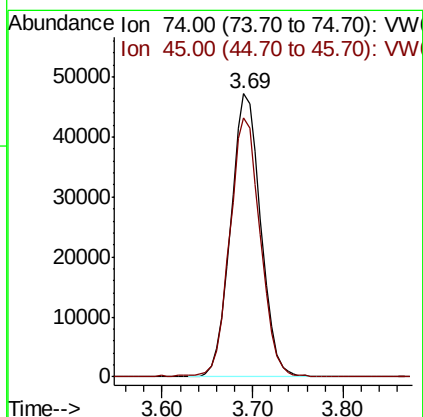
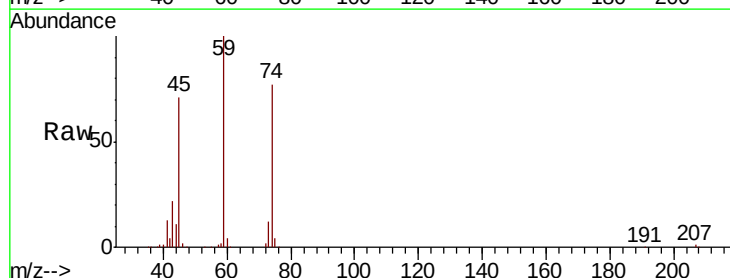
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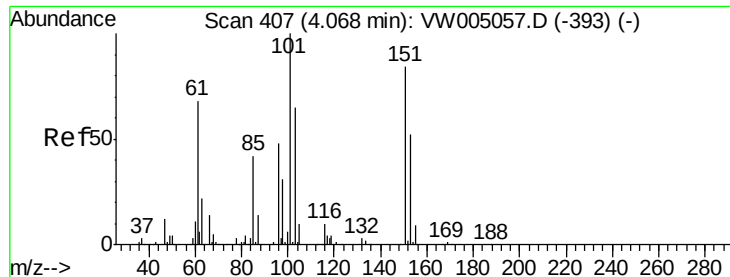


#8

Diethyl Ether
 Concen: 58.64 ug/l
 RT: 3.69 min Scan# 345
 Delta R.T. 0.00 min
 Lab File: VW005057.D
 Acq: 01 Sep 2018 01:04

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	107995		
45	91.9	46.0	137.8	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 54.05 ug/l

RT: 4.07 min Scan# 407

Delta R.T. 0.00 min

Lab File: VW005057.D

Acq: 01 Sep 2018 01:04

Instrument :

MSVOA_W

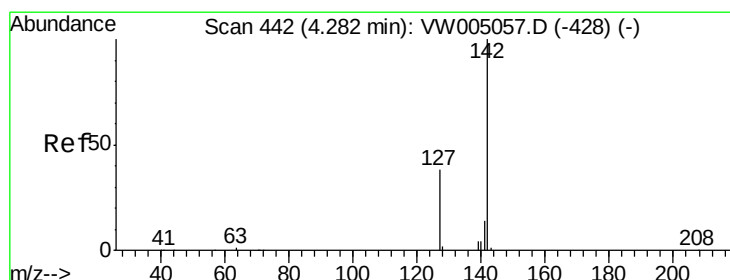
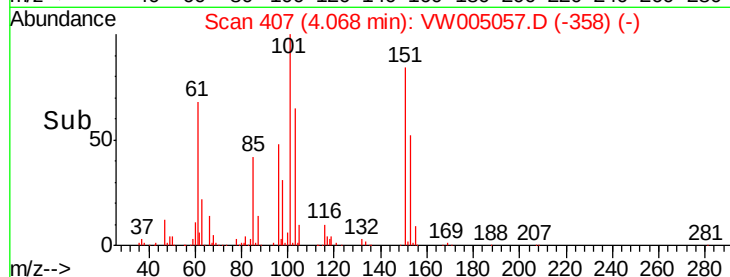
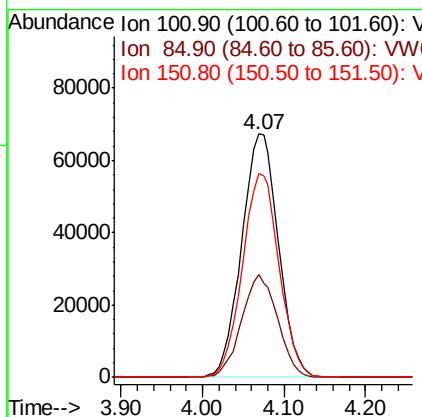
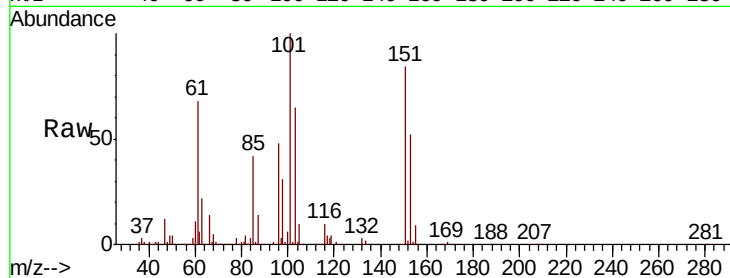
ClientSampleId :

VSTDICCC050

Tot Ion:	101	Resp:	211051
Ion Ratio	Lower	Upper	
101	100		
85	41.3	33.0	49.6
151	83.8	67.0	100.6

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#10

Methyl Iodide

Concen: 61.20 ug/l

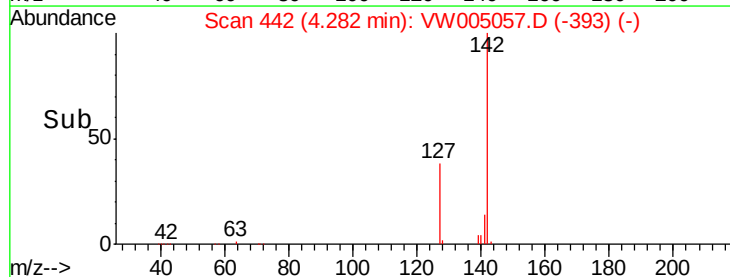
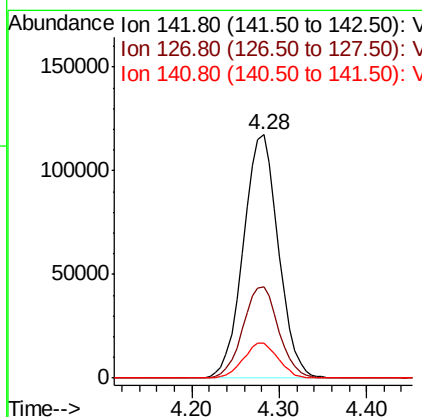
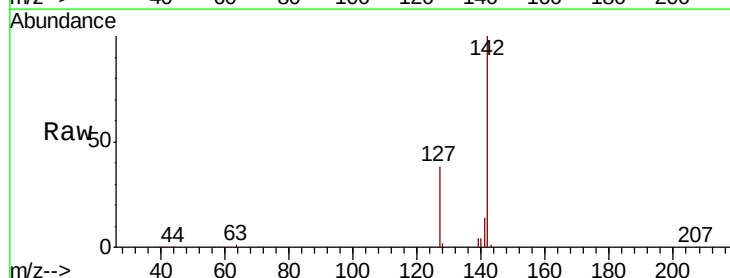
RT: 4.28 min Scan# 442

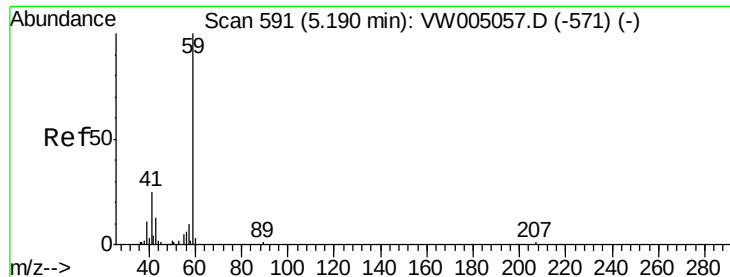
Delta R.T. 0.00 min

Lab File: VW005057.D

Acq: 01 Sep 2018 01:04

Tgt Ion:	142	Resp:	327472
Ion Ratio	Lower	Upper	
142	100		
127	38.5	30.8	46.2
141	14.5	11.6	17.4





#11

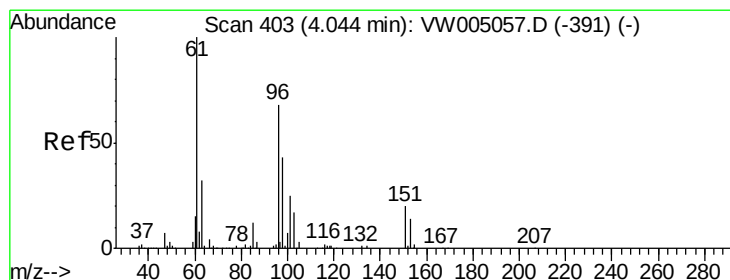
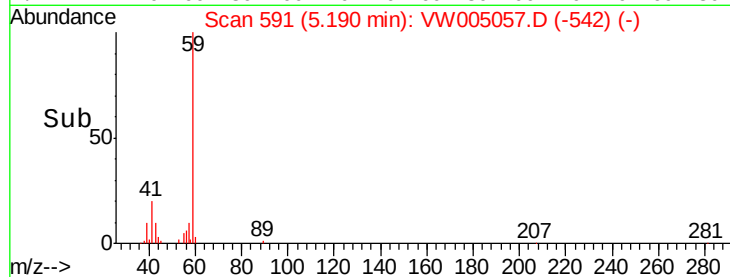
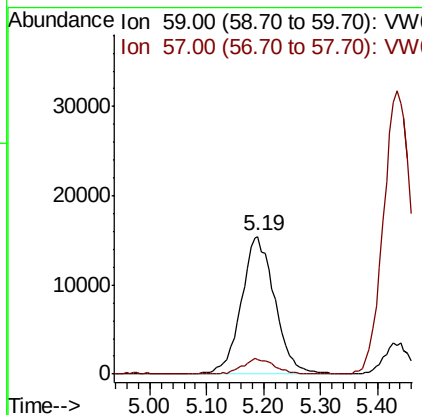
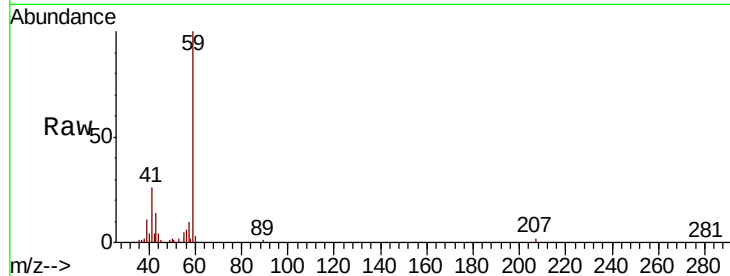
Tert butyl alcohol
Concen: 251.94 ug/l
RT: 5.19 min Scan# 591
Delta R.T. 0.00 min
Lab File: VW005057.D
Acq: 01 Sep 2018 01:04

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tot Ion	59	Resp	63078
Ion Ratio	100	Lower	Upper
57	10.7	8.6	12.8

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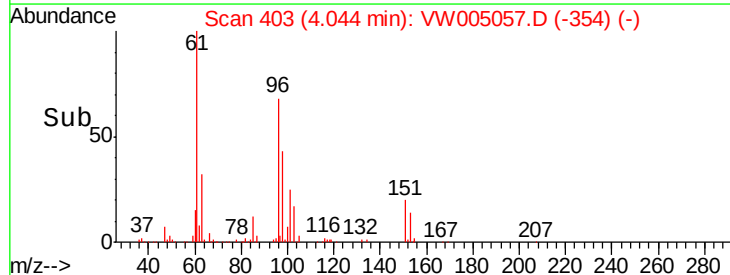
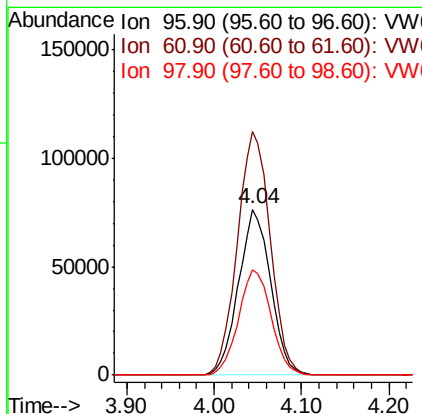
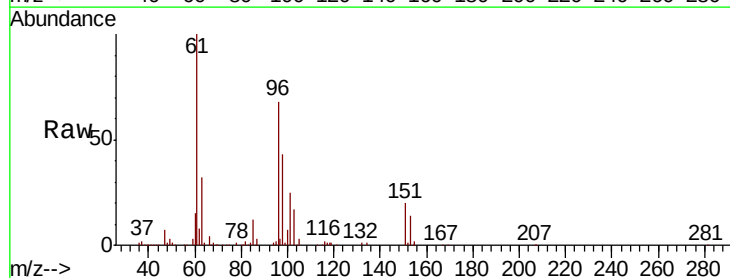
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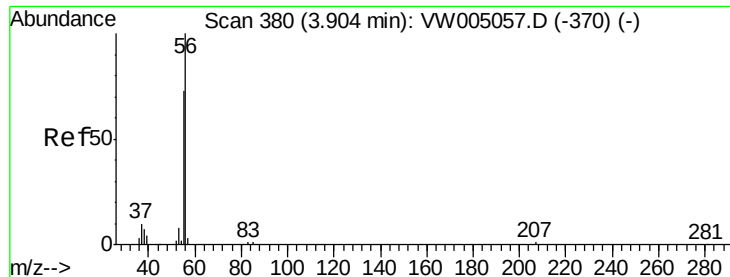


#12

1,1-Dichloroethene
Concen: 53.73 ug/l
RT: 4.04 min Scan# 403
Delta R.T. 0.00 min
Lab File: VW005057.D
Acq: 01 Sep 2018 01:04

Tgt Ion	96	Resp	195205
Ion Ratio	100	Lower	Upper
61	146.7	117.4	176.0
98	63.7	51.0	76.4





#13

Acrolein

Concen: 213.88 ug/l

RT: 3.90 min Scan# 380

Delta R.T. 0.00 min

Lab File: VW005057.D

Acq: 01 Sep 2018 01:04

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

Tot Ion: 56 Resp: 59575

Ion Ratio Lower Upper

56 100

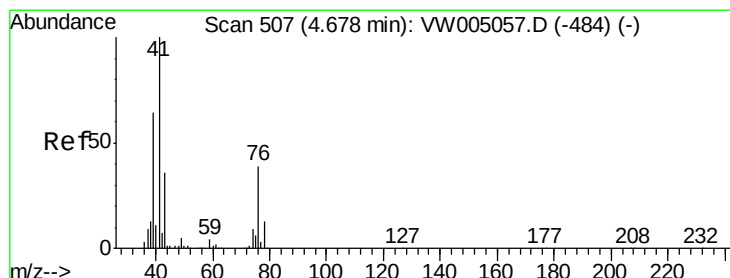
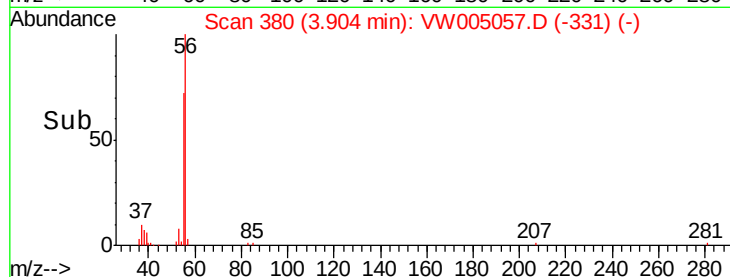
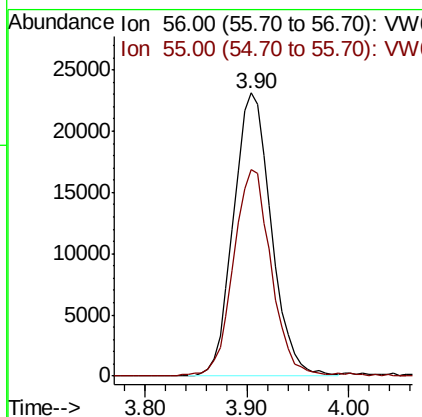
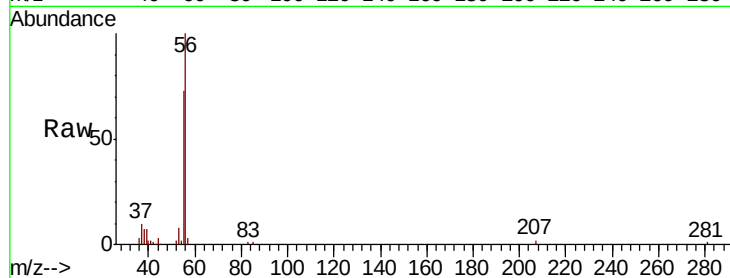
55 72.6 58.1 87.1

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#14

Allyl chloride

Concen: 55.14 ug/l

RT: 4.68 min Scan# 507

Delta R.T. 0.00 min

Lab File: VW005057.D

Acq: 01 Sep 2018 01:04

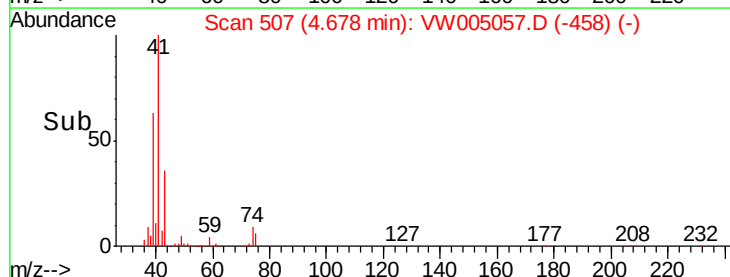
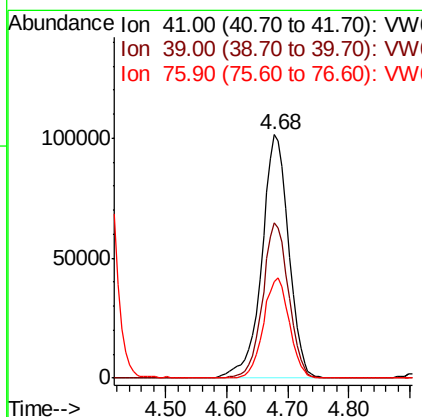
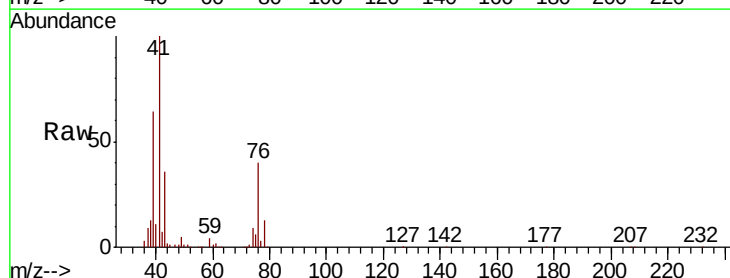
Tgt Ion: 41 Resp: 309875

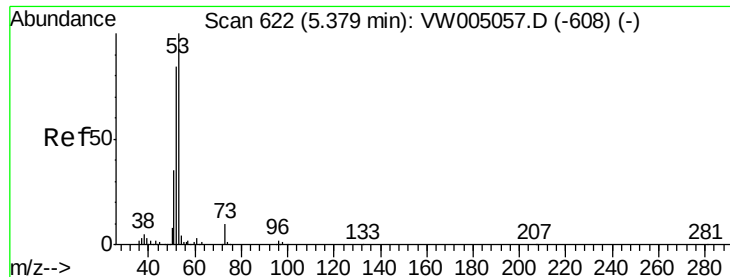
Ion Ratio Lower Upper

41 100

39 61.8 49.4 74.2

76 39.7 31.8 47.6





#15

Acrylonitrile

Concen: 260.44 ug/l

RT: 5.38 min Scan# 622

Delta R.T. 0.00 min

Lab File: VW005057.D

Acq: 01 Sep 2018 01:04

Instrument :

MSVOA_W

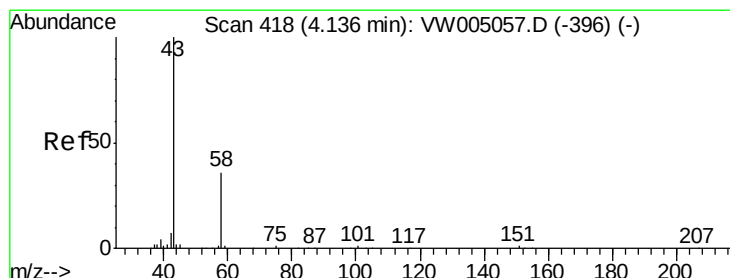
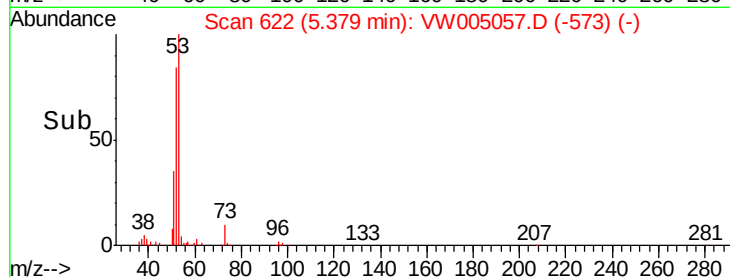
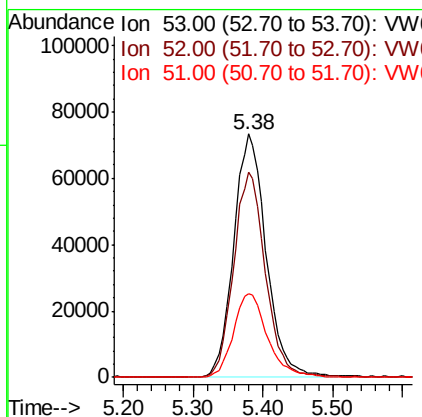
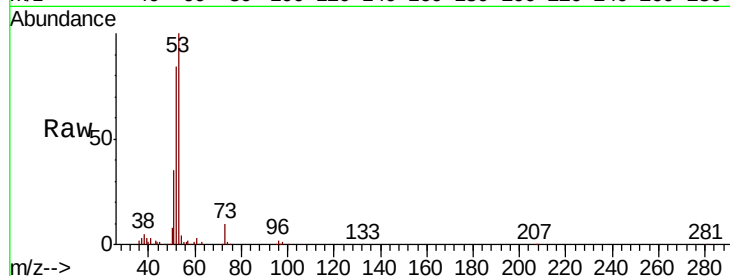
ClientSampleId :

VSTDICCC050

Tot Ion:	53	Resp:	236899
Ion	Ratio	Lower	Upper
53	100		
52	82.1	65.7	98.5
51	36.0	28.8	43.2

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#16

Acetone

Concen: 252.37 ug/l

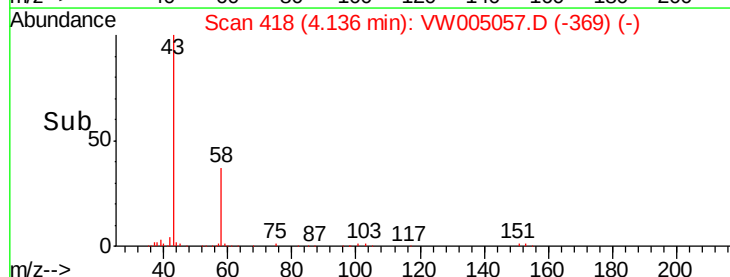
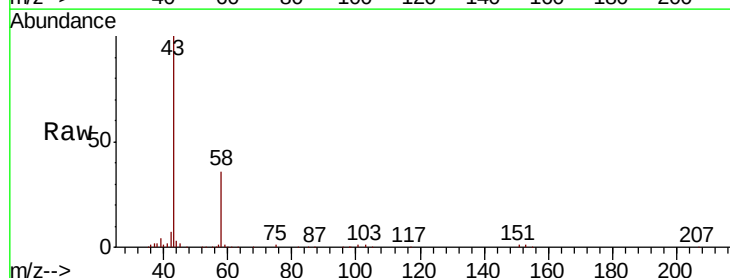
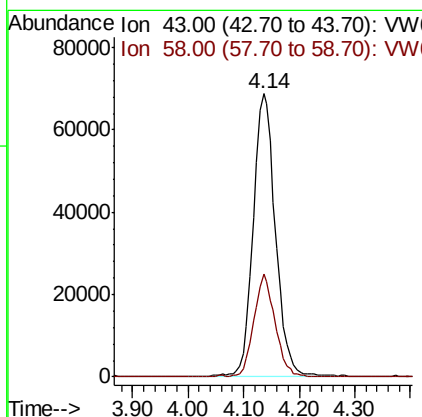
RT: 4.14 min Scan# 418

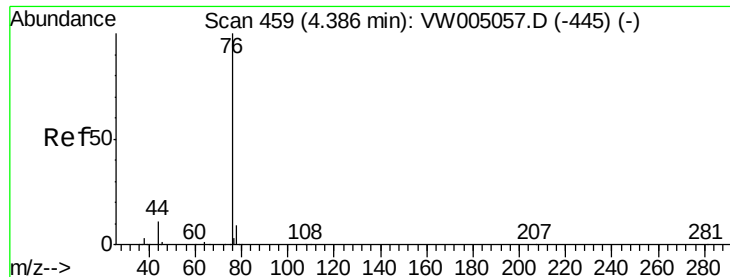
Delta R.T. 0.00 min

Lab File: VW005057.D

Acq: 01 Sep 2018 01:04

Tgt Ion:	43	Resp:	193479
Ion	Ratio	Lower	Upper
43	100		
58	36.3	29.0	43.6





#17

Carbon Disulfide

Concen: 46.43 ug/l

RT: 4.39 min Scan# 459

Delta R.T. 0.00 min

Lab File: VW005057.D

Acq: 01 Sep 2018 01:04

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

Tot Ion: 76 Resp: 689929

Ion Ratio Lower Upper

76 100

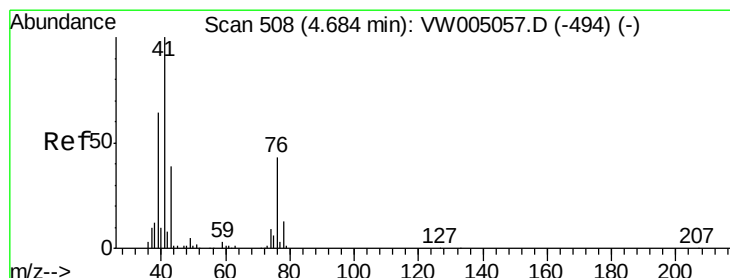
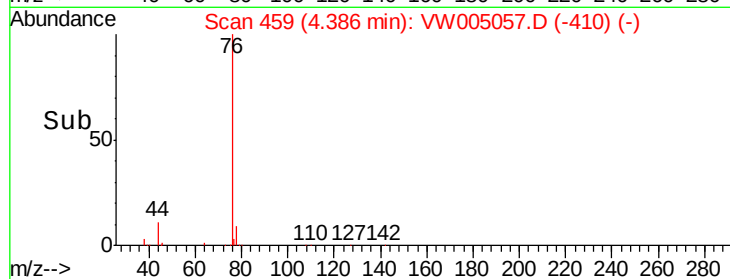
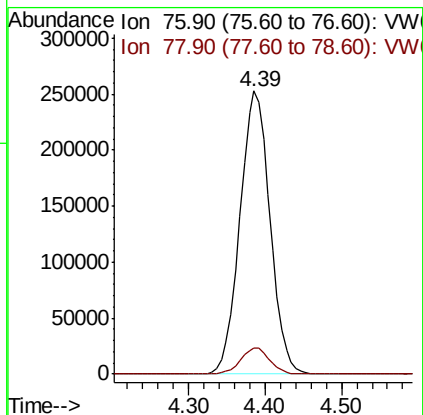
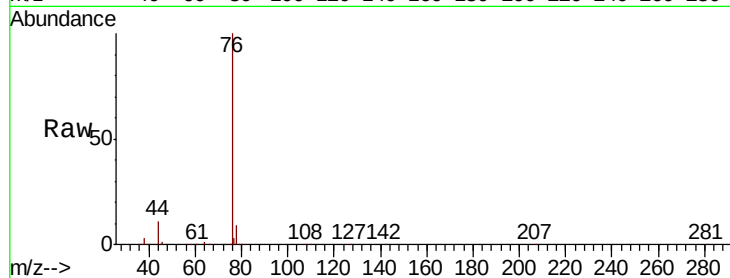
78 9.1 7.3 10.9

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#18

Methyl Acetate

Concen: 58.36 ug/l

RT: 4.68 min Scan# 508

Delta R.T. 0.00 min

Lab File: VW005057.D

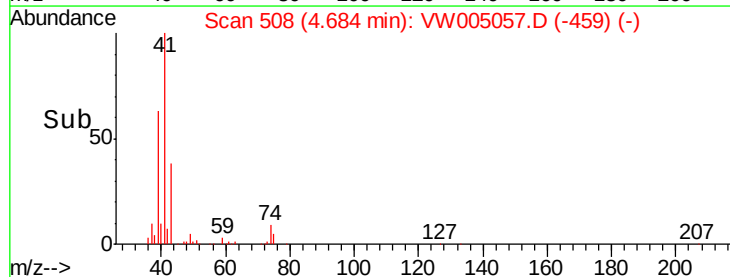
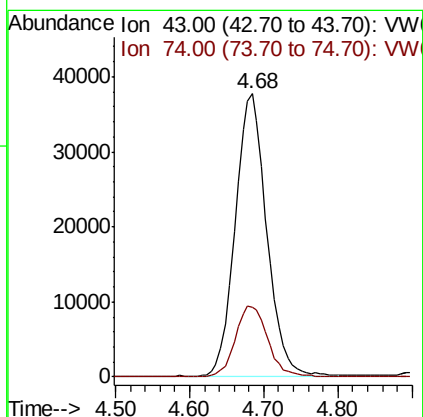
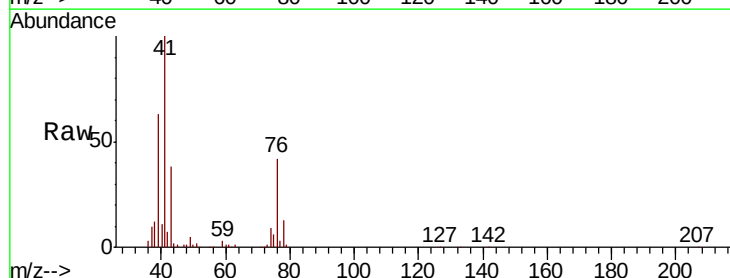
Acq: 01 Sep 2018 01:04

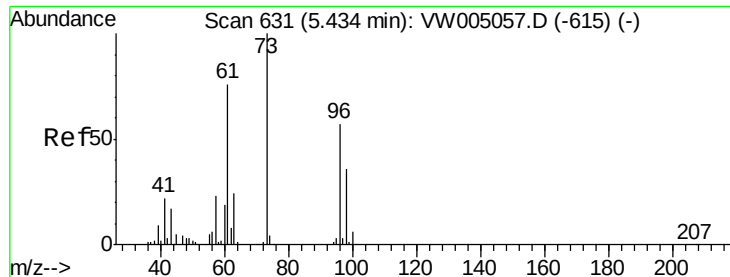
Tgt Ion: 43 Resp: 111534

Ion Ratio Lower Upper

43 100

74 25.9 20.7 31.1





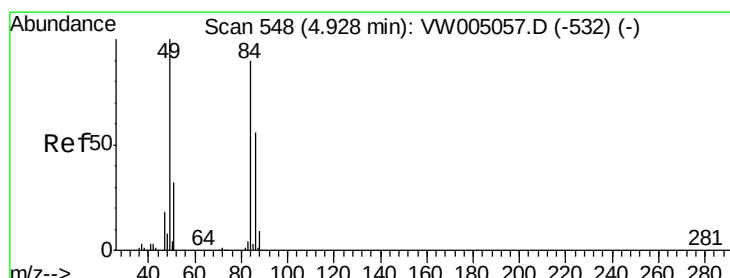
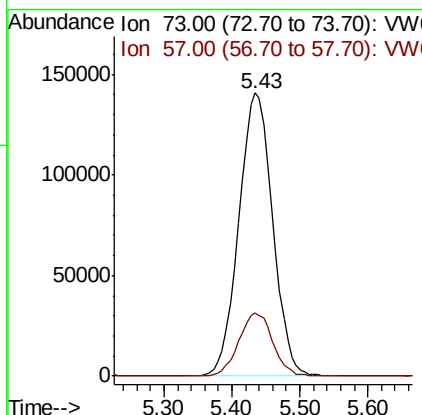
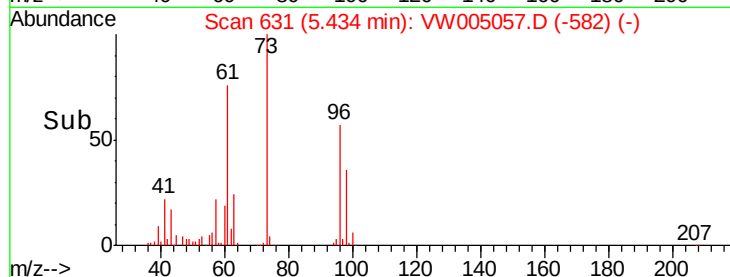
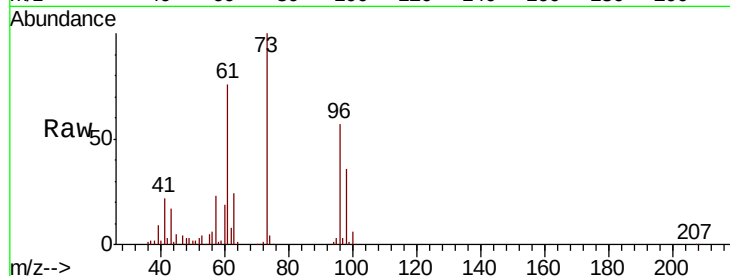
#19
Methyl tert-butyl Ether
Concen: 60.96 ug/l
RT: 5.43 min Scan# 631
Delta R.T. 0.00 min
Lab File: VW005057.D
Acq: 01 Sep 2018 01:04

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tot Ion: 73 Resp: 487128
Ion Ratio Lower Upper
73 100
57 22.6 18.1 27.1

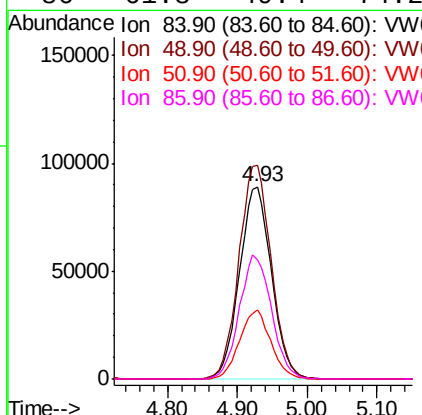
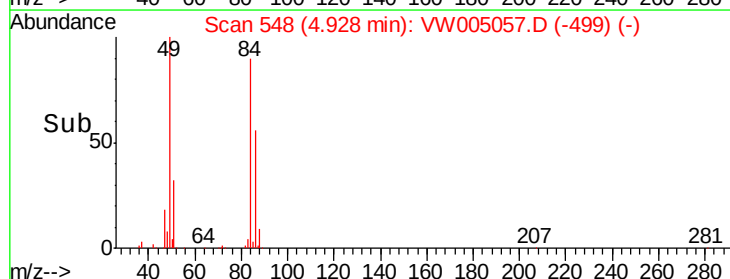
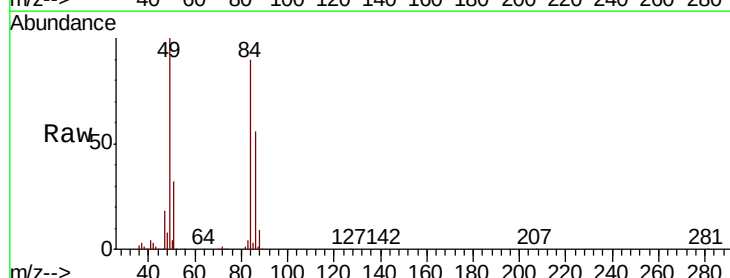
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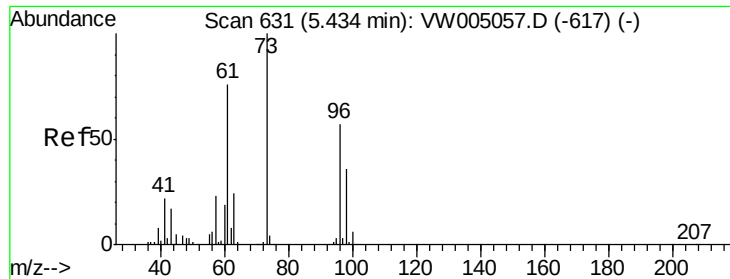
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#20
Methylene Chloride
Concen: 44.21 ug/l
RT: 4.93 min Scan# 548
Delta R.T. 0.00 min
Lab File: VW005057.D
Acq: 01 Sep 2018 01:04

Tgt Ion: 84 Resp: 283455
Ion Ratio Lower Upper
84 100
49 110.9 88.7 133.1
51 35.7 28.6 42.8
86 61.8 49.4 74.2





#21

trans-1,2-Dichloroethene

Concen: 58.49 ug/l

RT: 5.43 min Scan# 631

Delta R.T. 0.00 min

Lab File: VW005057.D

Acq: 01 Sep 2018 01:04

Instrument :

MSVOA_W

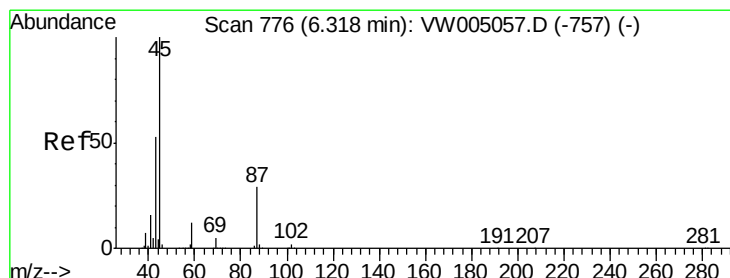
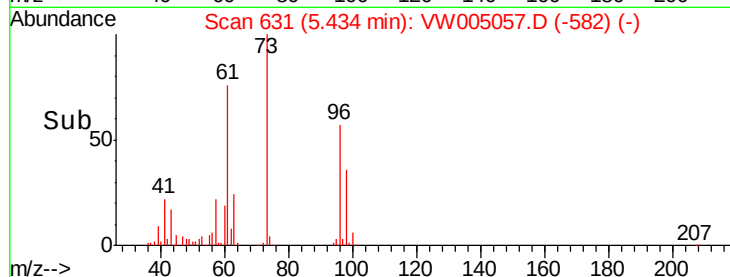
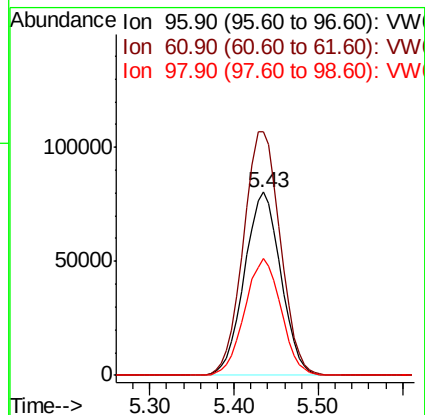
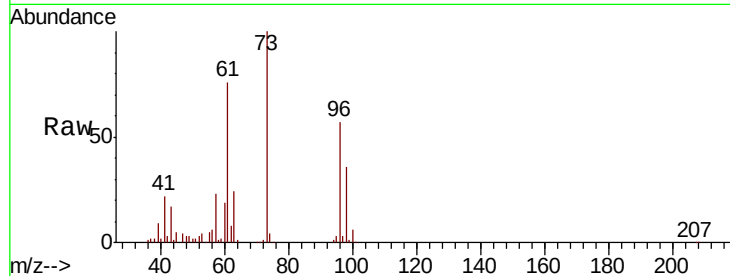
ClientSampleId :

VSTDICCC050

Tot Ion:	96	Resp:	235539
Ion	Ratio	Lower	Upper
96	100		
61	132.9	106.3	159.5
98	63.6	50.9	76.3

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#22

Diisopropyl ether

Concen: 59.38 ug/l

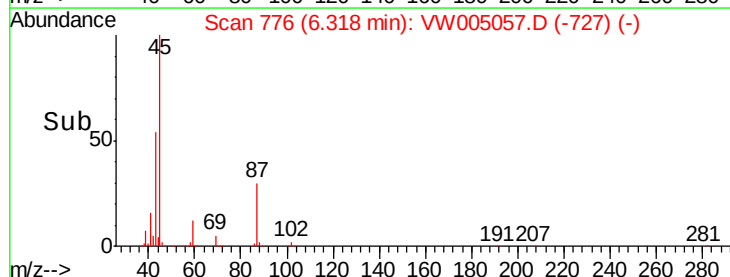
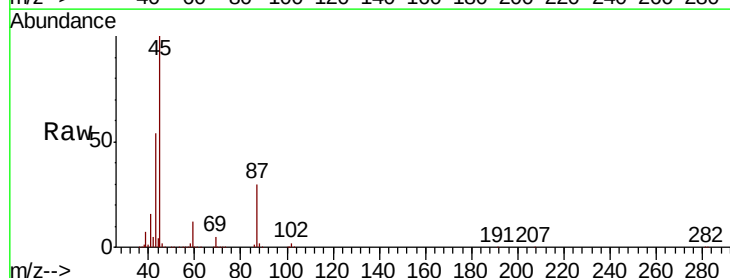
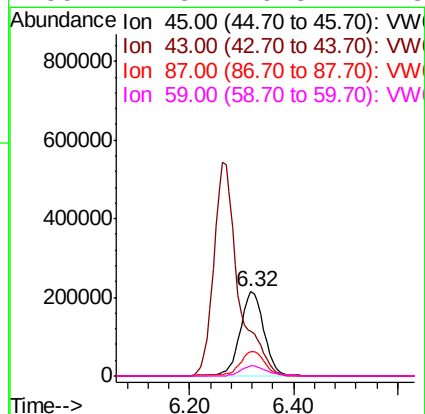
RT: 6.32 min Scan# 776

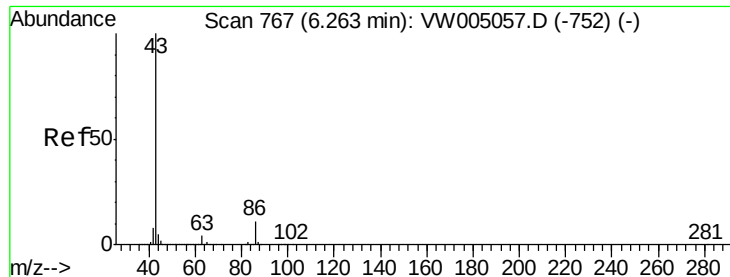
Delta R.T. 0.00 min

Lab File: VW005057.D

Acq: 01 Sep 2018 01:04

Tgt Ion:	45	Resp:	683047
Ion	Ratio	Lower	Upper
45	100		
43	53.2	42.6	63.8
87	29.5	23.6	35.4
59	12.3	9.8	14.8





#23

Vinyl Acetate

Concen: 301.98 ug/l

RT: 6.26 min Scan# 767

Delta R.T. 0.00 min

Lab File: VW005057.D

Acq: 01 Sep 2018 01:04

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

Tot Ion: 43 Resp: 1788291

Ion Ratio Lower Upper

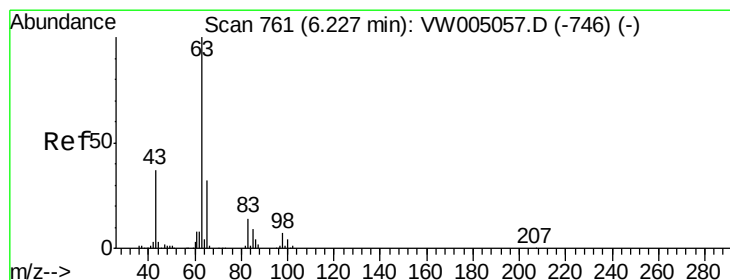
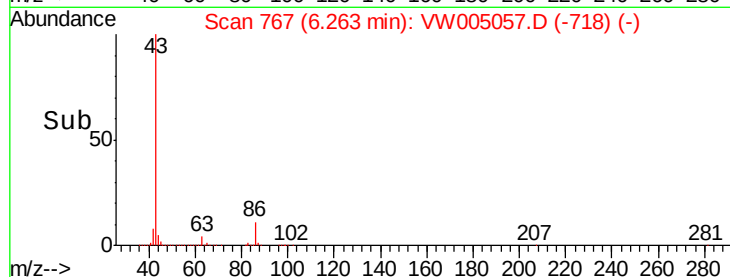
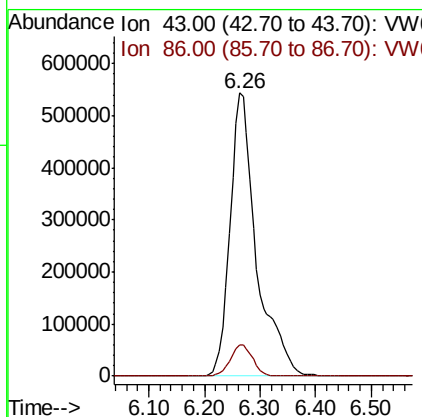
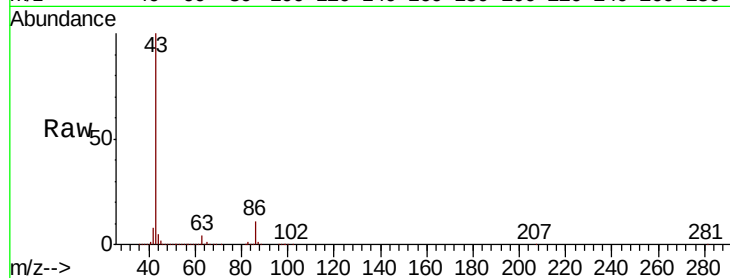
43 100

86 11.2 9.0 13.4

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#24

1,1-Dichloroethane

Concen: 56.92 ug/l

RT: 6.23 min Scan# 761

Delta R.T. 0.00 min

Lab File: VW005057.D

Acq: 01 Sep 2018 01:04

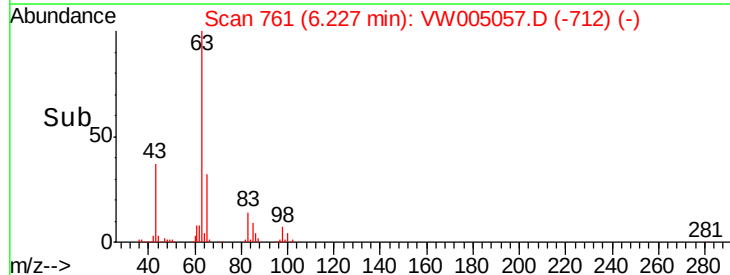
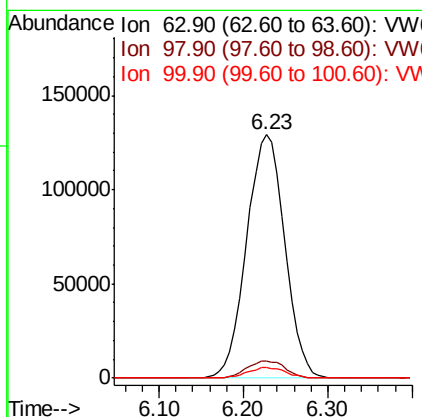
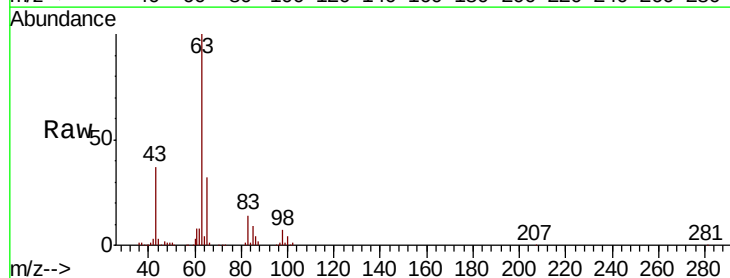
Tgt Ion: 63 Resp: 398706

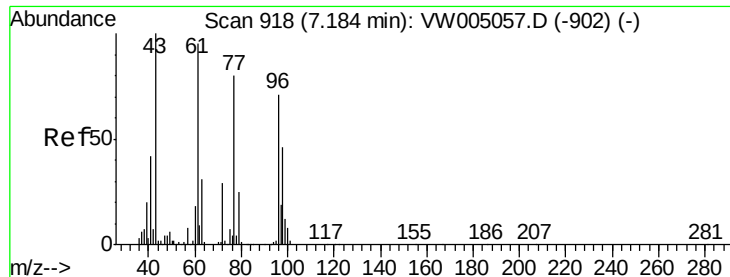
Ion Ratio Lower Upper

63 100

98 7.2 3.6 10.8

100 4.4 2.2 6.6





#25

2-Butanone

Concen: 280.69 ug/l

RT: 7.18 min Scan# 918

Delta R.T. 0.00 min

Lab File: VW005057.D

Acq: 01 Sep 2018 01:04

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

Tot Ion: 43 Resp: 340130

Ion Ratio Lower Upper

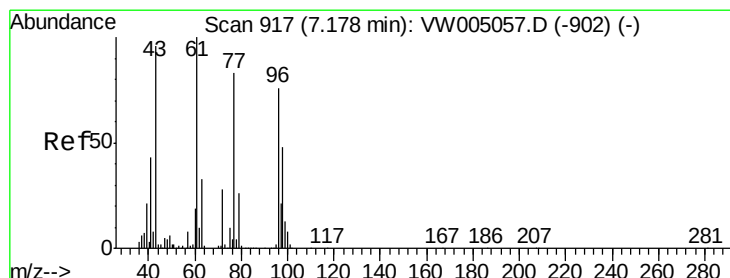
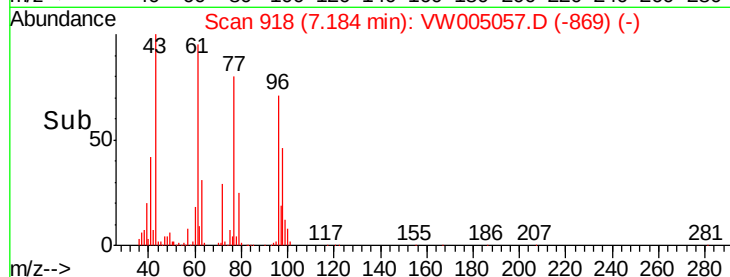
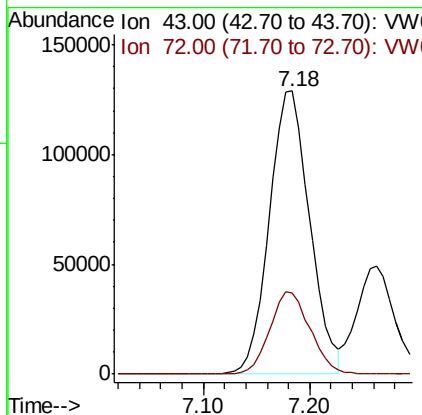
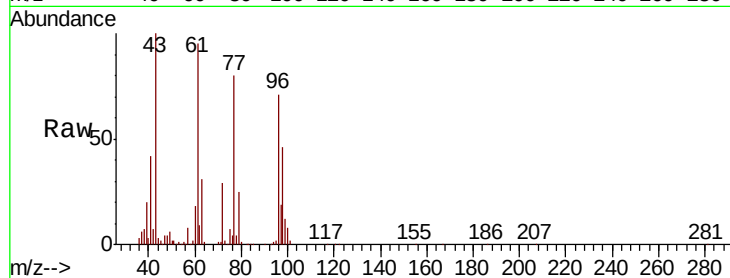
43 100

72 28.9 23.1 34.7

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#26

2,2-Dichloropropane

Concen: 53.34 ug/l

RT: 7.18 min Scan# 917

Delta R.T. 0.00 min

Lab File: VW005057.D

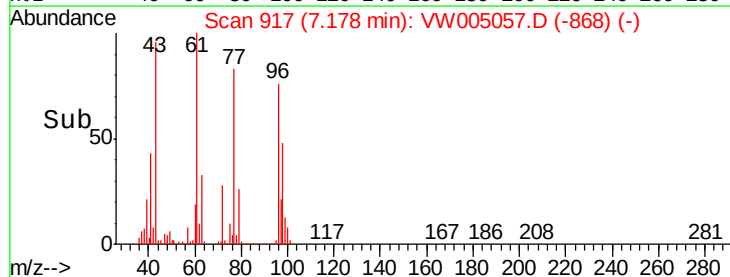
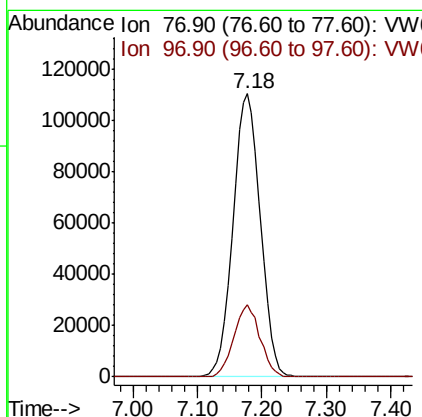
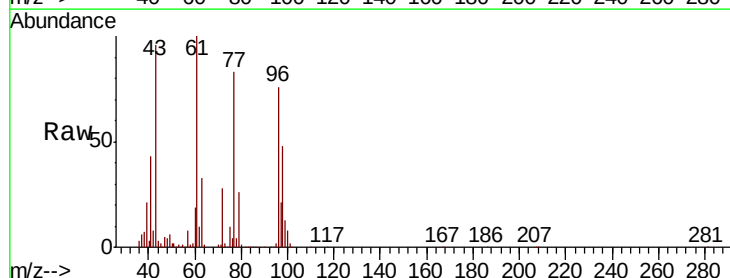
Acq: 01 Sep 2018 01:04

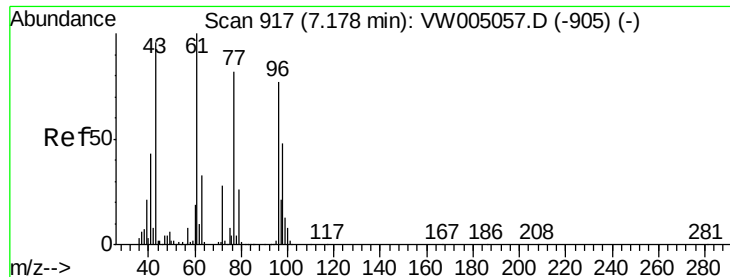
Tgt Ion: 77 Resp: 324349

Ion Ratio Lower Upper

77 100

97 24.4 12.2 36.6





#27

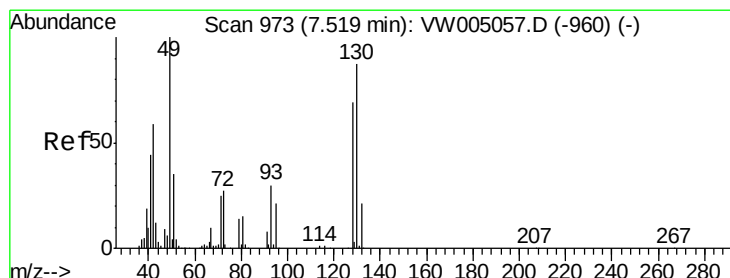
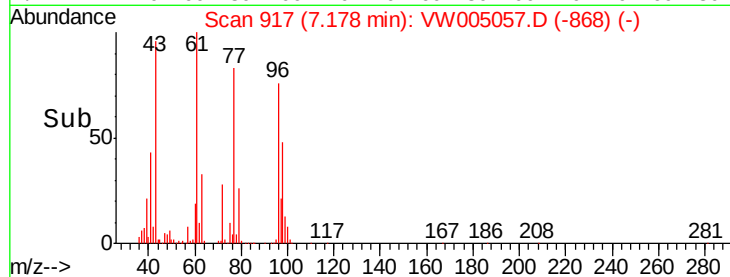
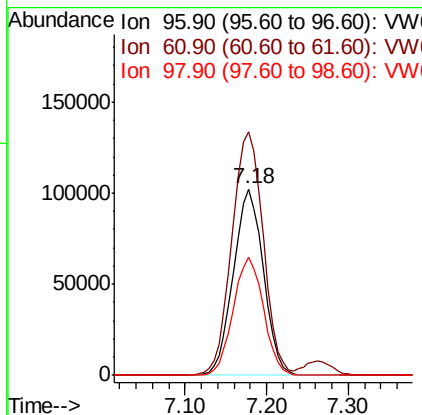
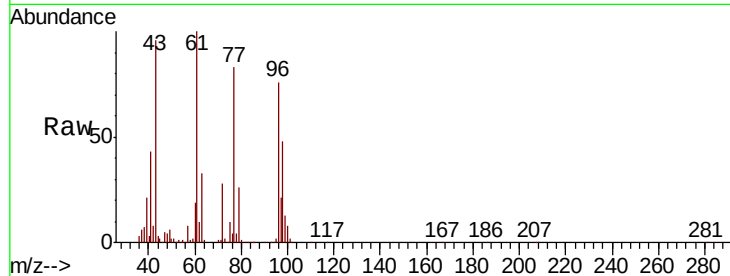
cis-1,2-Dichloroethene
 Concen: 59.06 ug/l
 RT: 7.18 min Scan# 917
 Delta R.T. 0.00 min
 Lab File: VW005057.D
 Acq: 01 Sep 2018 01:04

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
96	100	260046		
61	136.6		0.0	273.2
98	63.9		0.0	127.8

Manual Integrations
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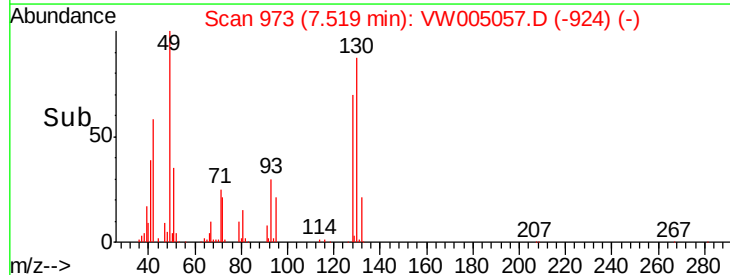
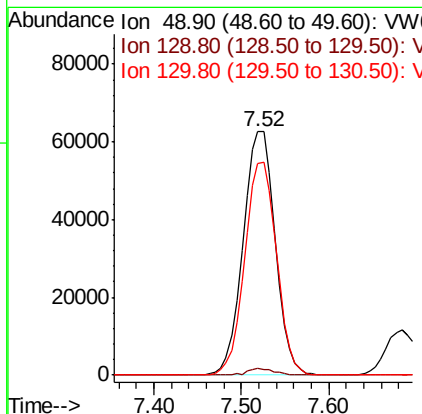
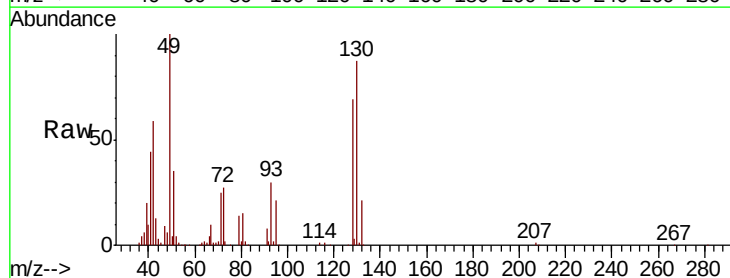
apatel
 9/4/2018 9:37:00 AM

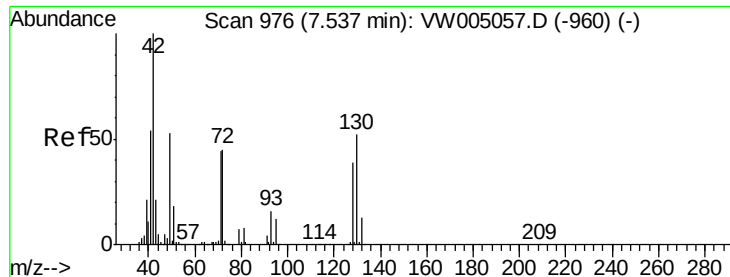


#28

Bromochloromethane
 Concen: 53.00 ug/l
 RT: 7.52 min Scan# 973
 Delta R.T. 0.00 min
 Lab File: VW005057.D
 Acq: 01 Sep 2018 01:04

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	159713		
129	2.2		0.0	4.4
130	87.0		69.6	104.4





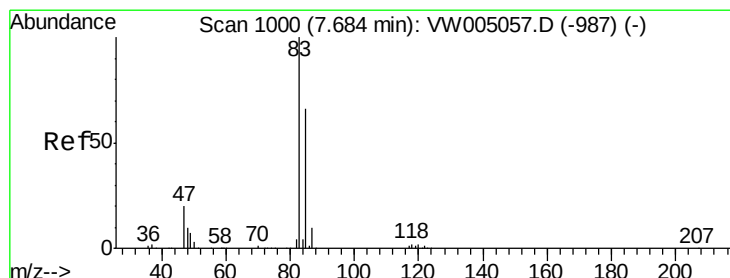
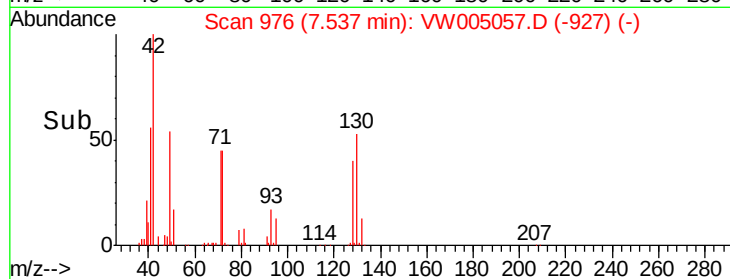
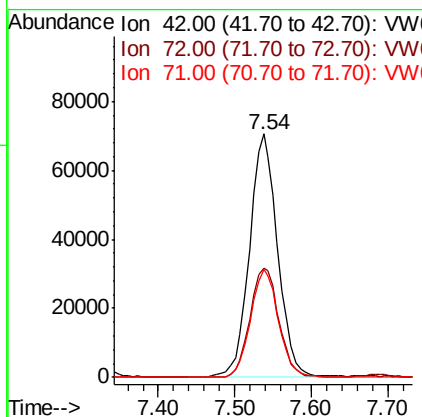
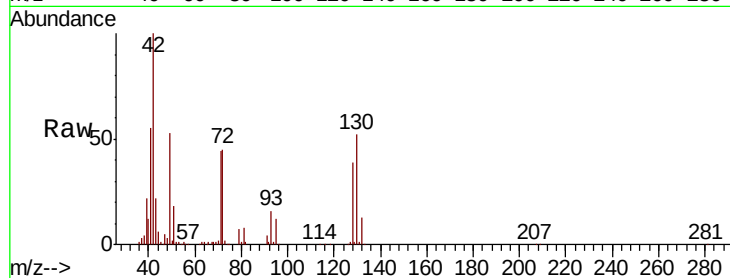
#29
Tetrahydrofuran
Concen: 292.86 ug/l
RT: 7.54 min Scan# 976
Delta R.T. 0.00 min
Lab File: VW005057.D
Acq: 01 Sep 2018 01:04

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	46.2	37.0	55.4
71	43.8	35.0	52.6

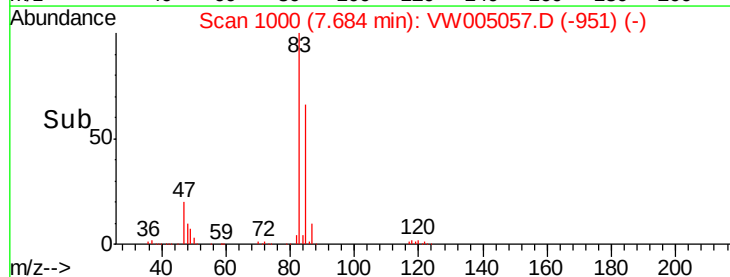
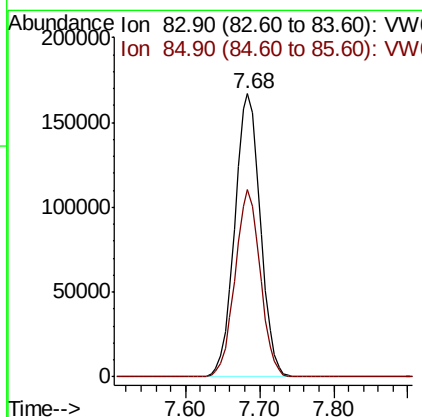
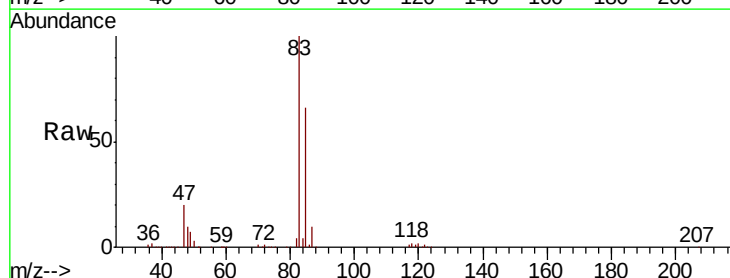
Manual Integrations
APPROVED

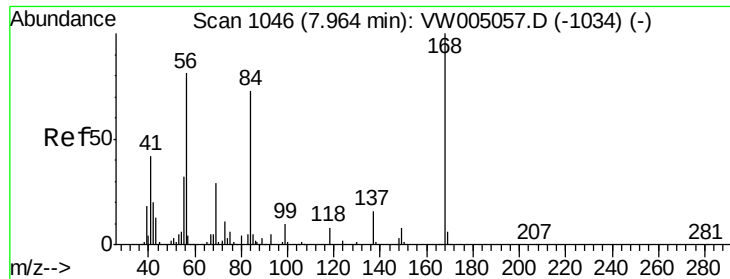
apatel
9/4/2018 9:37:00 AM



#30
Chloroform
Concen: 57.94 ug/l
RT: 7.68 min Scan# 1000
Delta R.T. 0.00 min
Lab File: VW005057.D
Acq: 01 Sep 2018 01:04

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.4	53.1	79.7





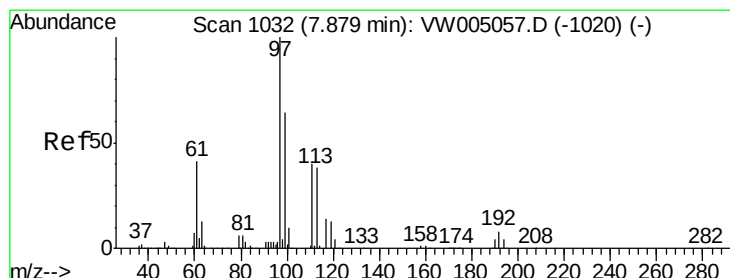
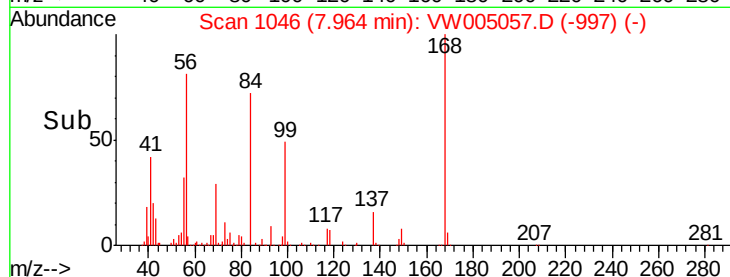
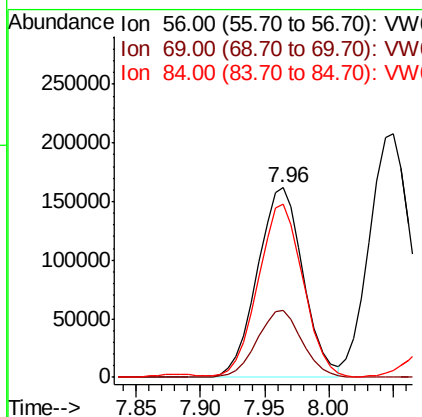
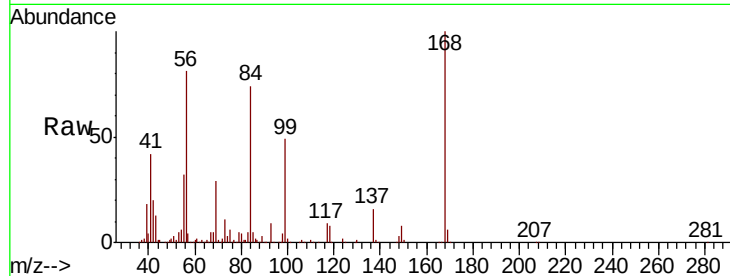
#31
Cyclohexane
Concen: 54.84 ug/l
RT: 7.96 min Scan# 1046
Delta R.T. 0.00 min
Lab File: VW005057.D
Acq: 01 Sep 2018 01:04

Instrument :
MSVOA_W
ClientSampled :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
56	100		
69	35.2	28.2	42.2
84	89.8	71.8	107.8

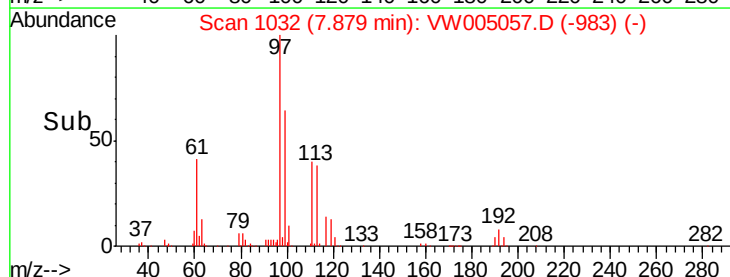
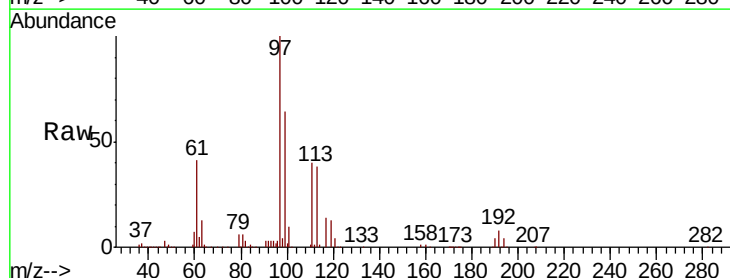
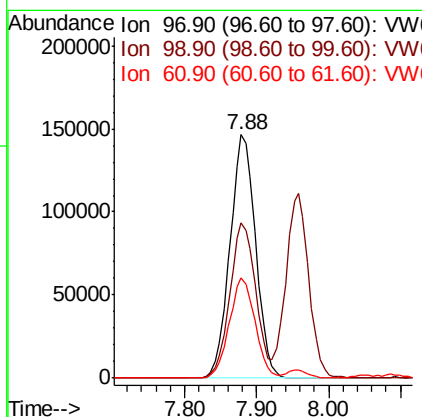
Manual Integrations
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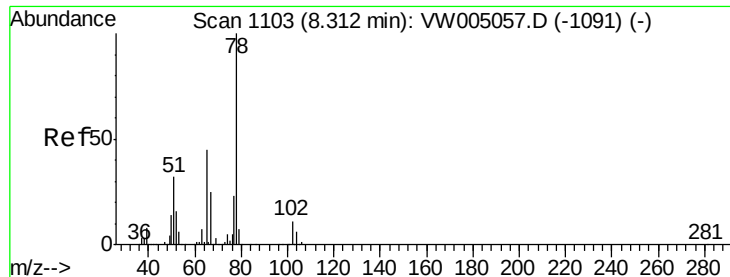
apatel
9/4/2018 9:37:00 AM



#32
1,1,1-Trichloroethane
Concen: 57.40 ug/l
RT: 7.88 min Scan# 1032
Delta R.T. 0.00 min
Lab File: VW005057.D
Acq: 01 Sep 2018 01:04

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.8	51.8	77.8
61	41.5	33.2	49.8





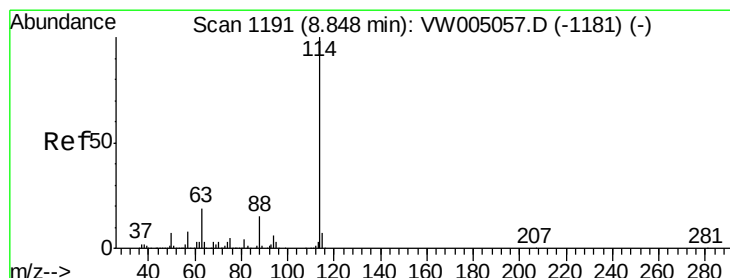
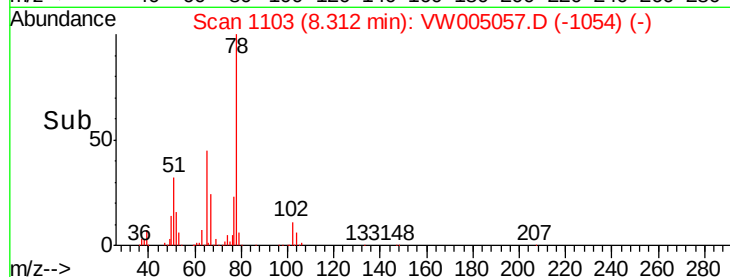
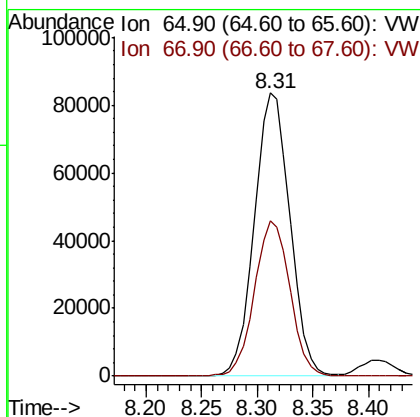
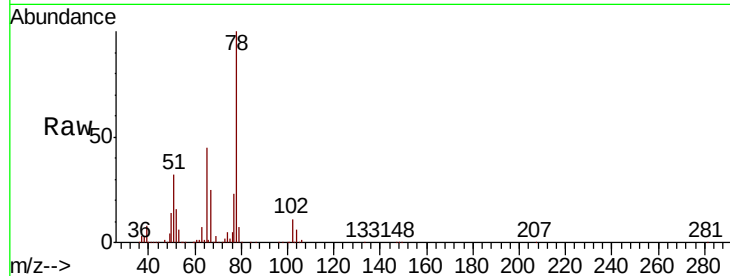
#33
 1,2-Dichloroethane-d4
 Concen: 54.12 ug/l
 RT: 8.31 min Scan# 1103
 Delta R.T. 0.00 min
 Lab File: VW005057.D
 Acq: 01 Sep 2018 01:04

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
65	100	186081		
67	54.7	0.0	109.4	

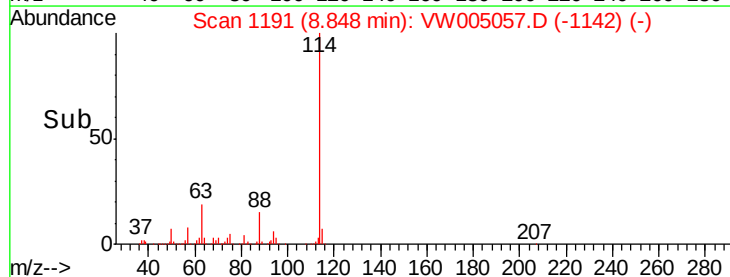
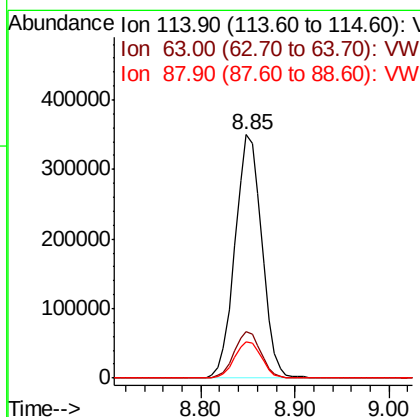
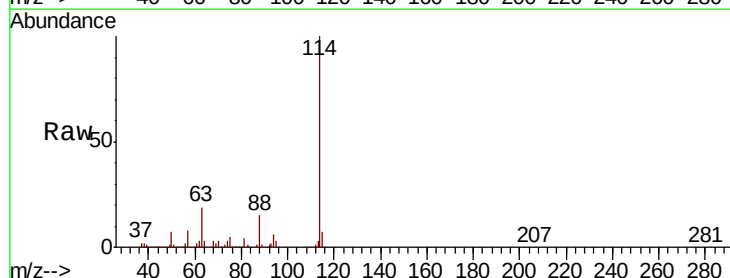
Manual Integrations
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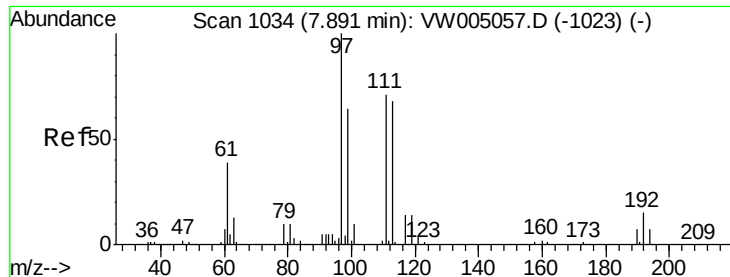
apatel
 9/4/2018 9:37:00 AM



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. 0.00 min
 Lab File: VW005057.D
 Acq: 01 Sep 2018 01:04

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	695146		
63	19.0	0.0	38.0	
88	15.1	0.0	30.2	





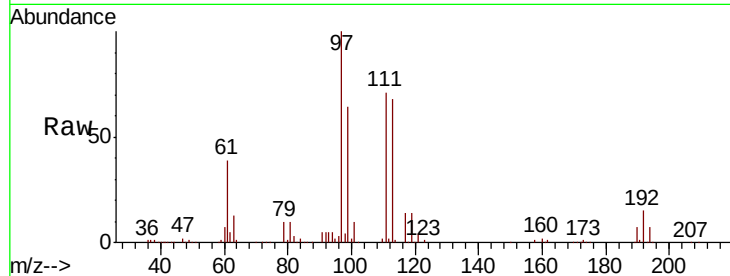
#35
 Dibromofluoromethane
 Concen: 54.56 ug/l
 RT: 7.89 min Scan# 1034
 Delta R.T. 0.00 min
 Lab File: VW005057.D
 Acq: 01 Sep 2018 01:04

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
113	100	192924		
111	102.7	82.2	123.2	
192	22.6	18.1	27.1	

Manual Integrations
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apatel
 9/4/2018 9:37:00 AM

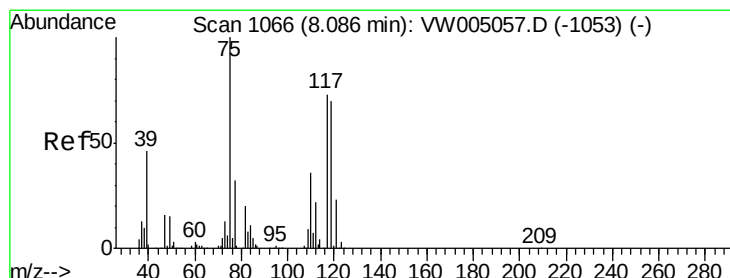
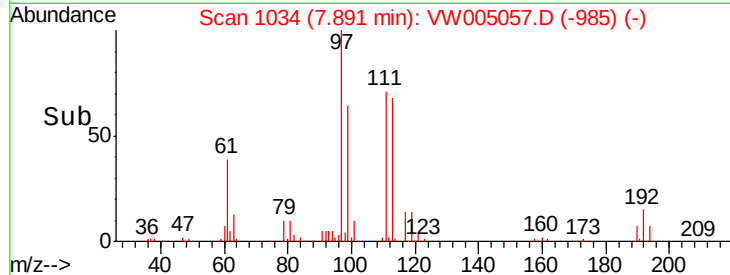
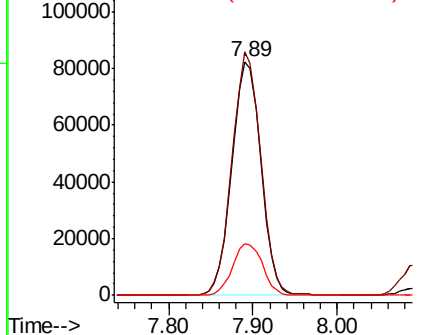


Abundance

Ion 112.80 (112.50 to 113.50): V

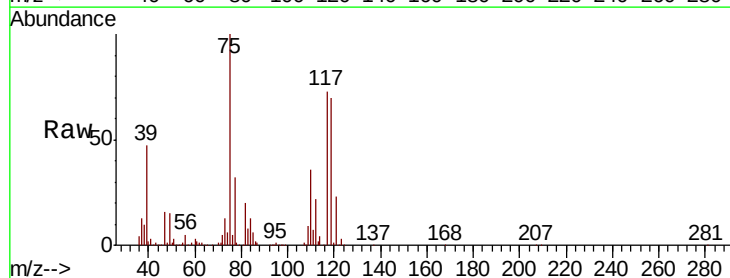
Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36
 1,1-Dichloropropene
 Concen: 57.38 ug/l
 RT: 8.09 min Scan# 1066
 Delta R.T. 0.00 min
 Lab File: VW005057.D
 Acq: 01 Sep 2018 01:04

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	343492		
110	37.8	18.9	56.7	
77	31.9	25.5	38.3	

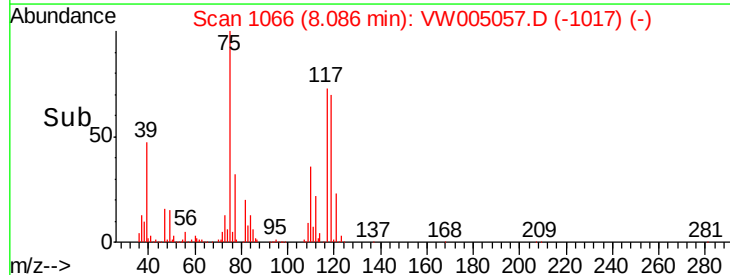
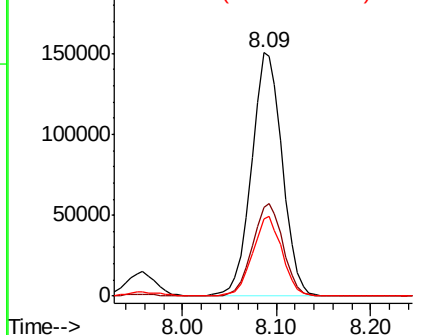


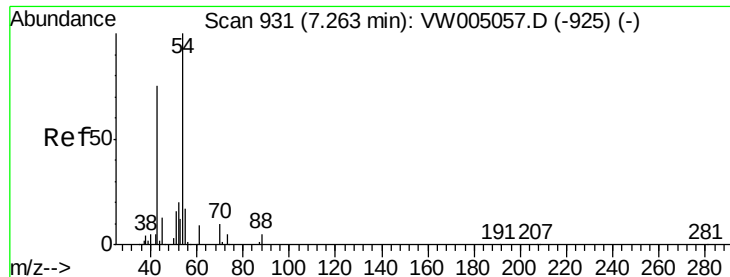
Abundance

Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW





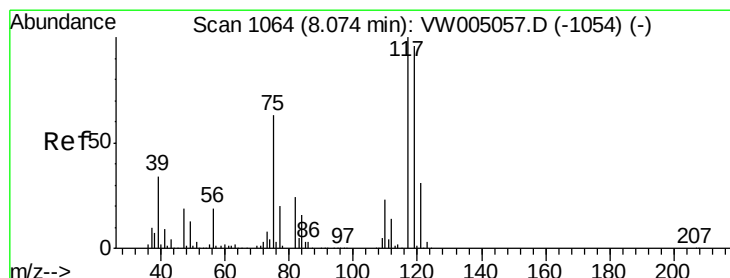
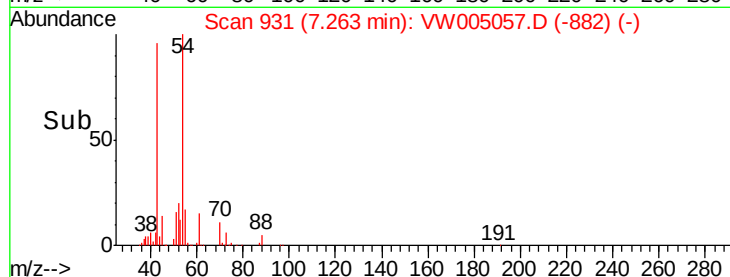
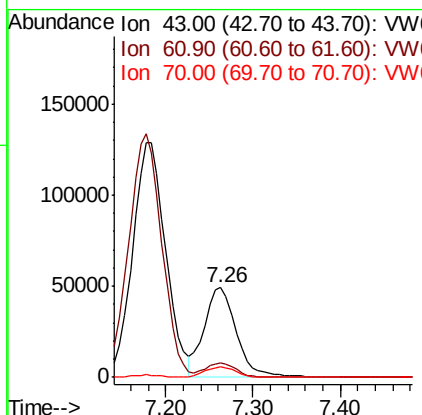
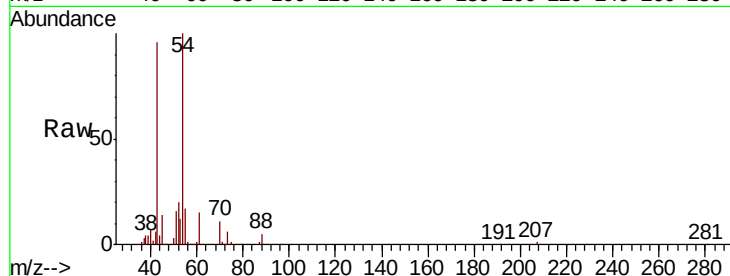
#37
Ethyl Acetate
Concen: 57.13 ug/l
RT: 7.26 min Scan# 931
Delta R.T. 0.00 min
Lab File: VW005057.D
Acq: 01 Sep 2018 01:04

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.1	12.1	18.1
70	11.8	9.4	14.2

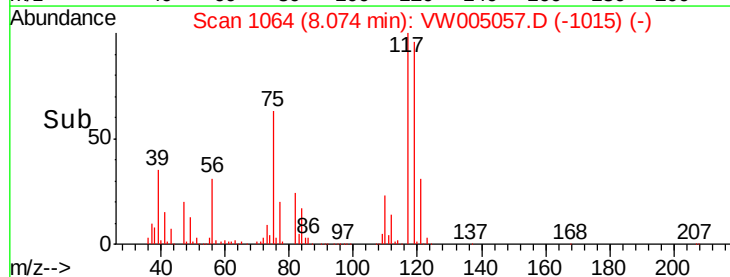
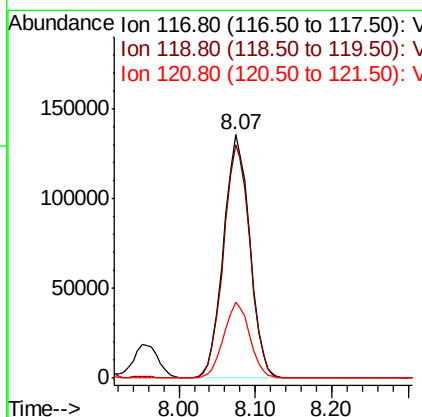
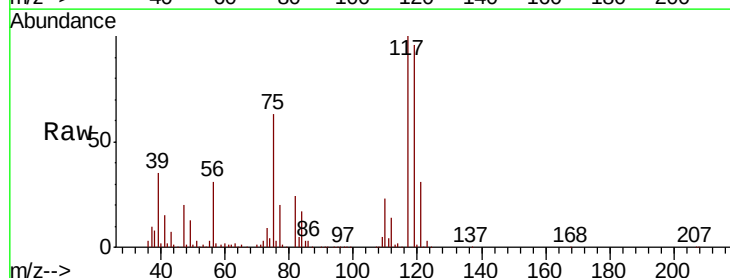
Manual Integrations
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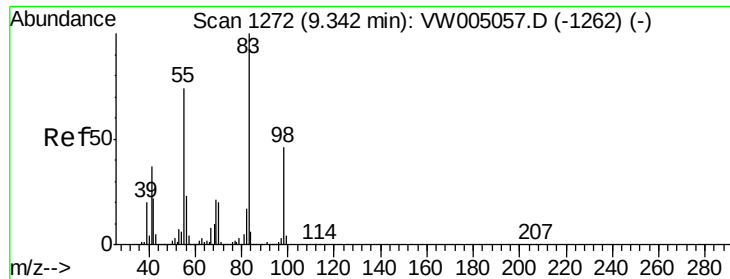
apatel
9/4/2018 9:37:00 AM



#38
Carbon Tetrachloride
Concen: 55.22 ug/l
RT: 8.07 min Scan# 1064
Delta R.T. 0.00 min
Lab File: VW005057.D
Acq: 01 Sep 2018 01:04

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.8	76.6	115.0
121	31.0	24.8	37.2





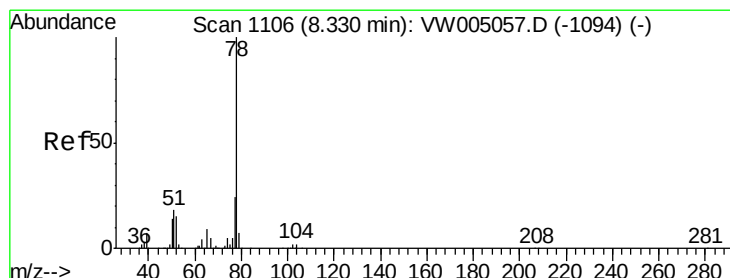
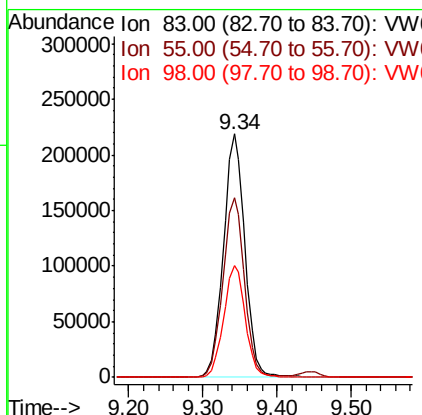
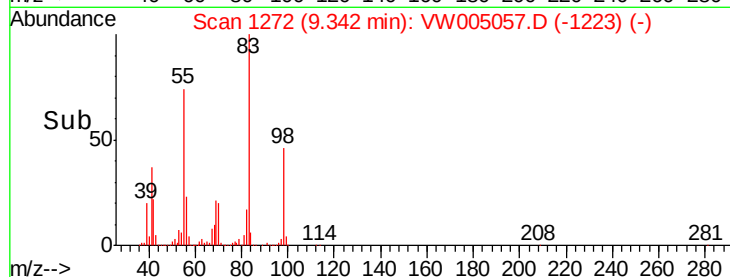
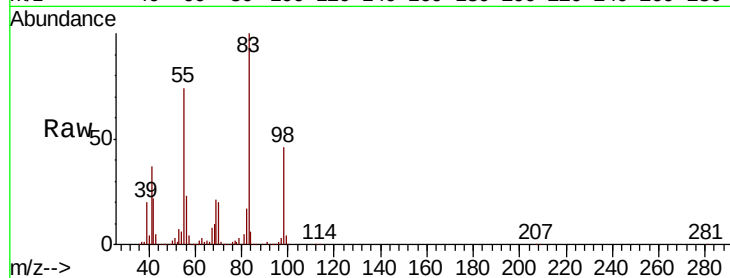
#39
Methylvlcyclohexane
Concen: 53.77 ug/l
RT: 9.34 min Scan# 1272
Delta R.T. 0.00 min
Lab File: VW005057.D
Acq: 01 Sep 2018 01:04

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	73.6	58.9	88.3
98	46.0	36.8	55.2

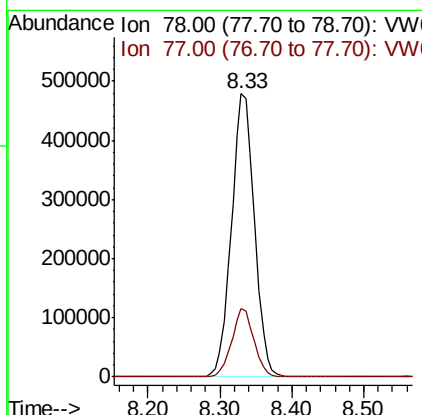
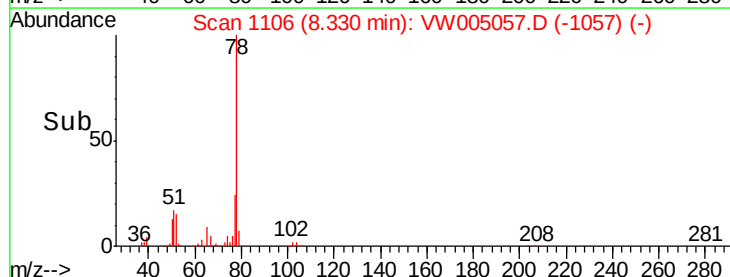
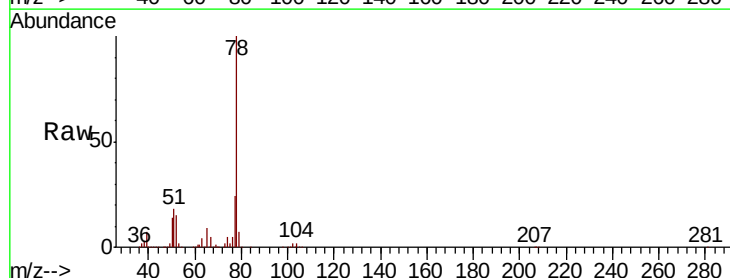
Manual Integrations
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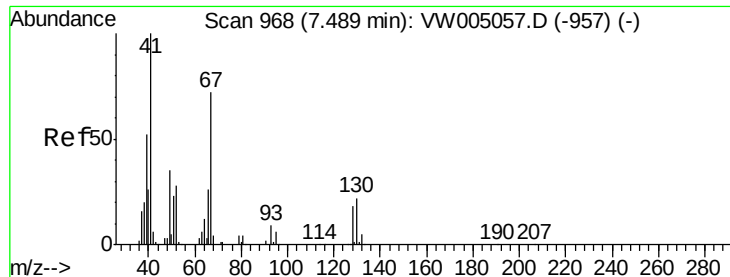
apatel
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#40
Benzene
Concen: 55.44 ug/l
RT: 8.33 min Scan# 1106
Delta R.T. 0.00 min
Lab File: VW005057.D
Acq: 01 Sep 2018 01:04

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.2	19.4	29.0





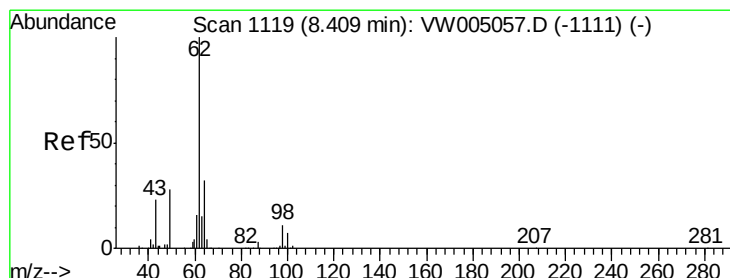
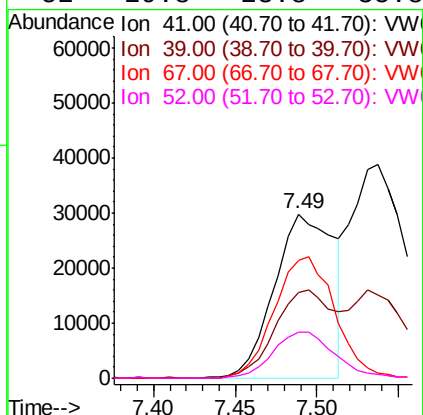
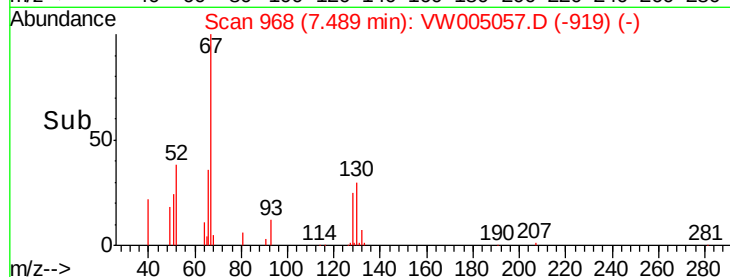
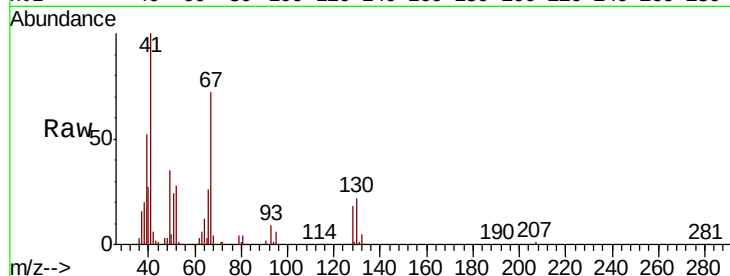
#41
Methacrylonitrile
Concen: 58.65 ug/l
RT: 7.49 min Scan# 968
Delta R.T. 0.00 min
Lab File: VW005057.D
Acq: 01 Sep 2018 01:04

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	52.3	41.8	62.8	
67	75.5	60.4	90.6	
52	29.8	23.8	35.8	

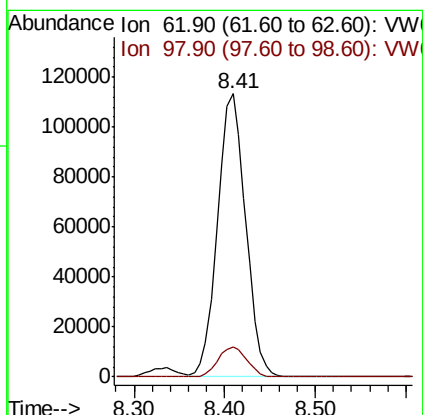
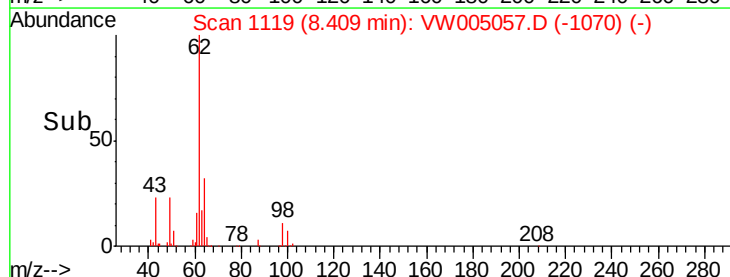
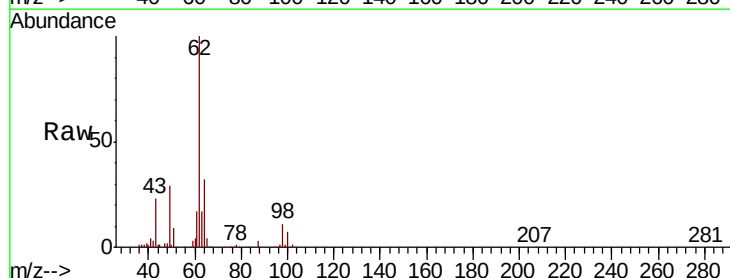
Manual Integrations
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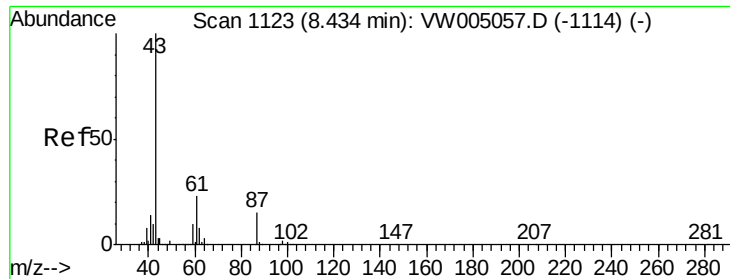
apatel
9/4/2018 9:37:00 AM



#42
1,2-Dichloroethane
Concen: 56.39 ug/l
RT: 8.41 min Scan# 1119
Delta R.T. 0.00 min
Lab File: VW005057.D
Acq: 01 Sep 2018 01:04

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	10.9	0.0	21.8	





#43

Isopropyl Acetate

Concen: 53.97 ug/l

RT: 8.43 min Scan# 1123

Delta R.T. 0.00 min

Lab File: VW005057.D

Acq: 01 Sep 2018 01:04

Instrument :

MSVOA_W

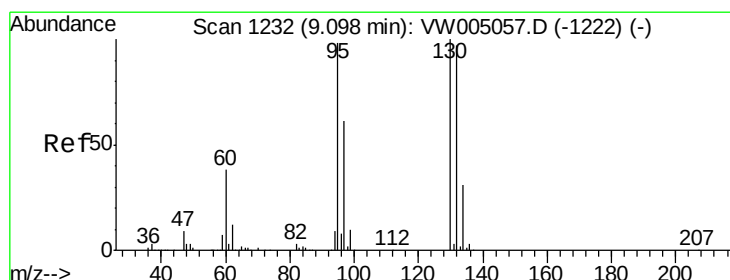
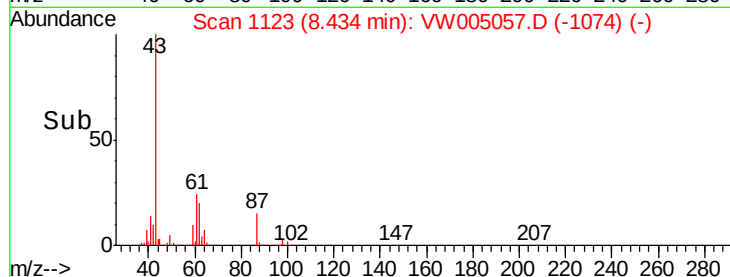
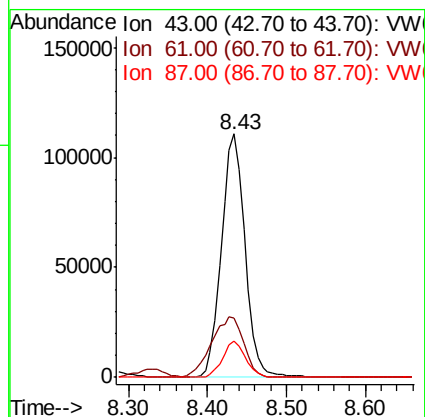
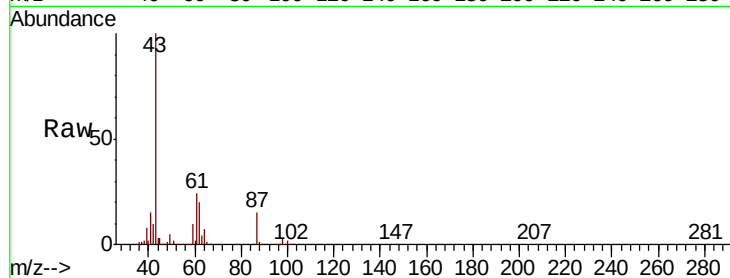
ClientSampleId :

VSTDICCC050

Tot Ion:	43	Resp:	231436
Ion	Ratio	Lower	Upper
43	100		
61	33.5	26.8	40.2
87	14.5	11.6	17.4

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#44

Trichloroethene

Concen: 57.18 ug/l

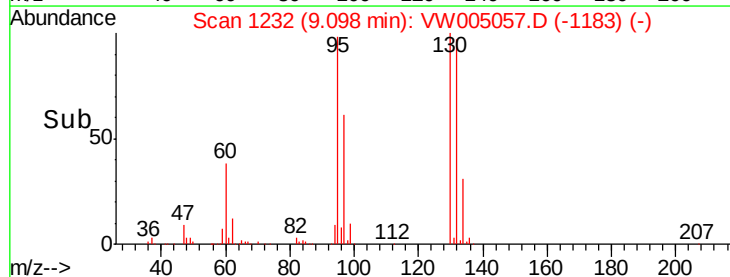
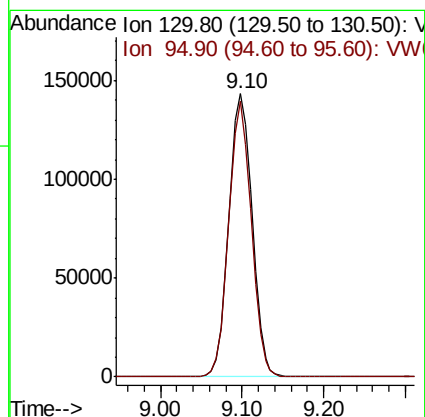
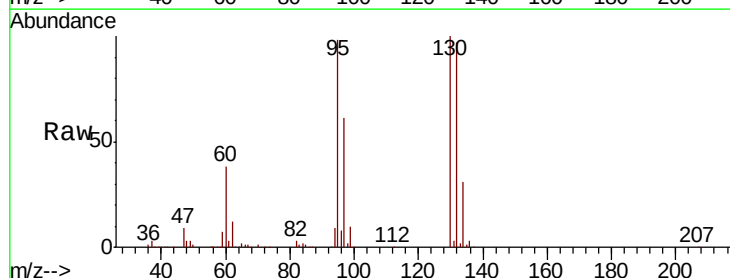
RT: 9.10 min Scan# 1232

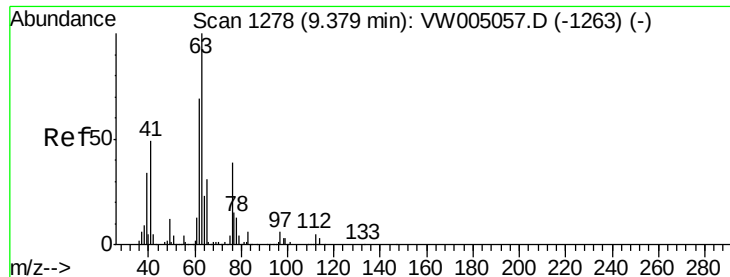
Delta R.T. 0.00 min

Lab File: VW005057.D

Acq: 01 Sep 2018 01:04

Tgt Ion:	130	Resp:	281257
Ion	Ratio	Lower	Upper
130	100		
95	97.6	0.0	195.2





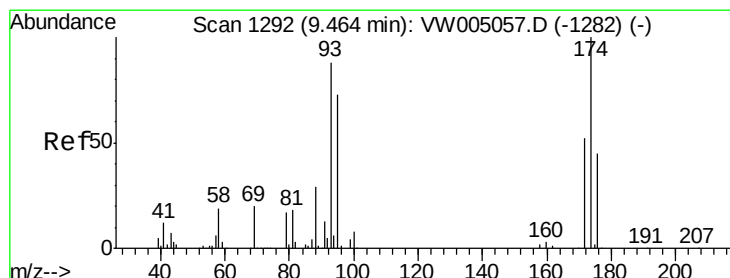
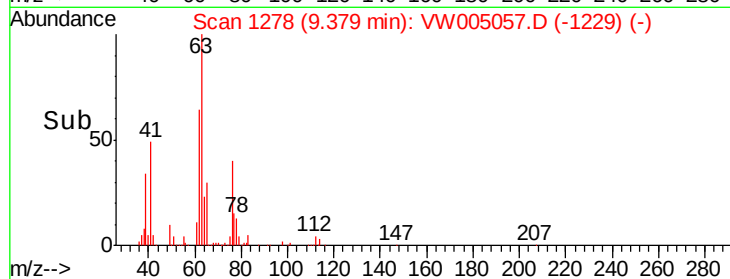
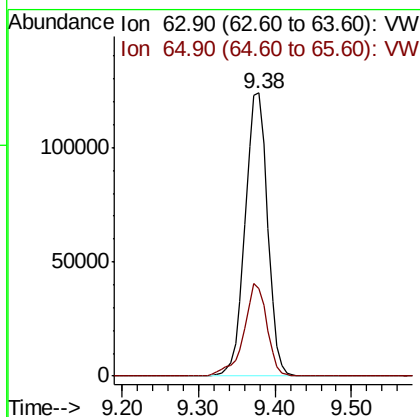
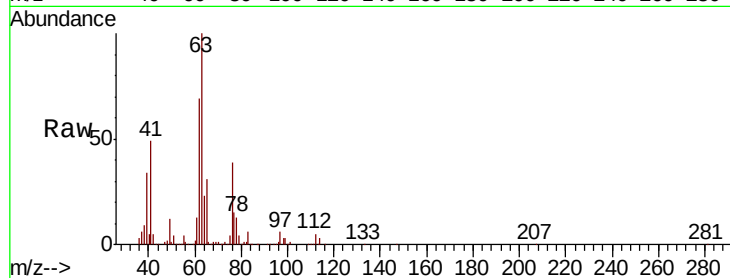
#45
 1,2-Dichloropropane
 Concen: 57.58 ug/l
 RT: 9.38 min Scan# 1278
 Delta R.T. 0.00 min
 Lab File: VW005057.D
 Acq: 01 Sep 2018 01:04

Instrument :
 MSVOA_W
 ClientSampled :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
63	100		
65	30.8	24.6	37.0

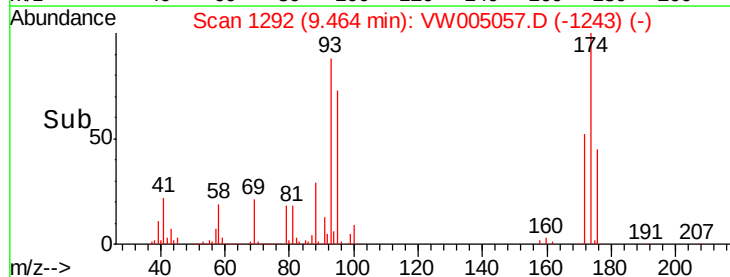
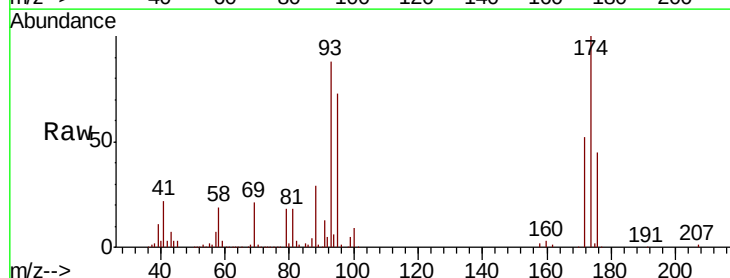
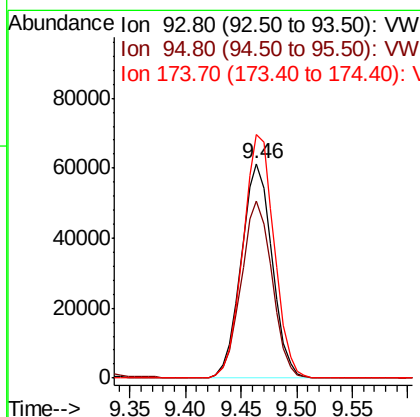
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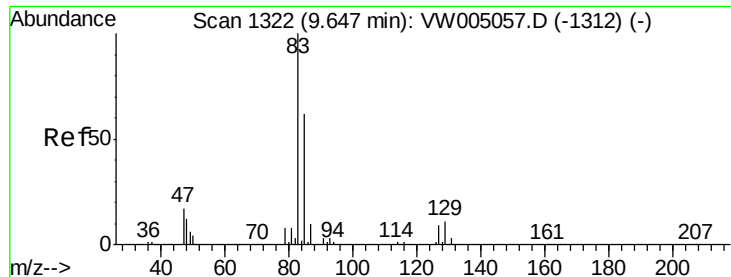
apatel
 9/4/2018 9:37:00 AM



#46
 Dibromomethane
 Concen: 55.96 ug/l
 RT: 9.46 min Scan# 1292
 Delta R.T. 0.00 min
 Lab File: VW005057.D
 Acq: 01 Sep 2018 01:04

Tgt Ion	Ratio	Lower	Upper
93	100		
95	82.8	66.2	99.4
174	115.0	92.0	138.0





#47

Bromodichloromethane

Concen: 57.72 ug/l

RT: 9.65 min Scan# 1322

Delta R.T. 0.00 min

Lab File: VW005057.D

Acq: 01 Sep 2018 01:04

Instrument :

MSVOA_W

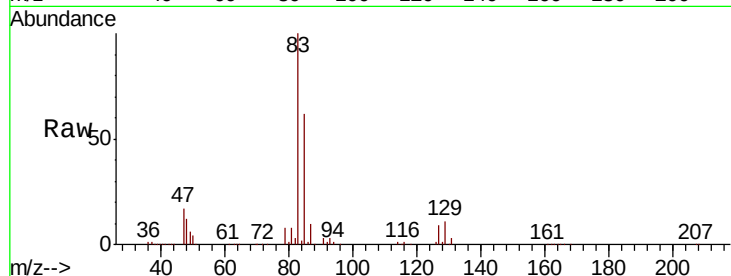
ClientSampleId :

VSTDICCC050

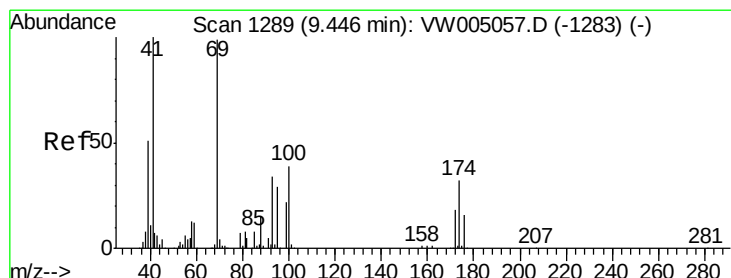
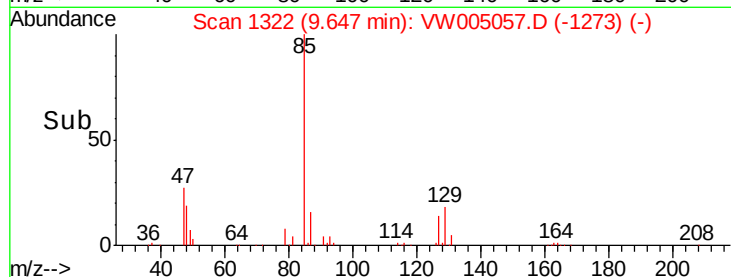
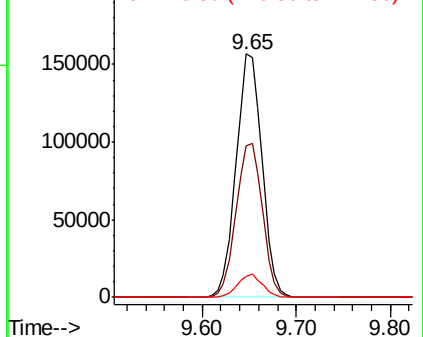
Tot Ion:	83	Resp:	301071
Ion Ratio	Lower	Upper	
83	100		
85	62.2	49.8	74.6
127	8.7	7.0	10.4

Manual Integrations
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Abundance Ion 82.90 (82.60 to 83.60): VW
Ion 84.90 (84.60 to 85.60): VW
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 51.95 ug/l

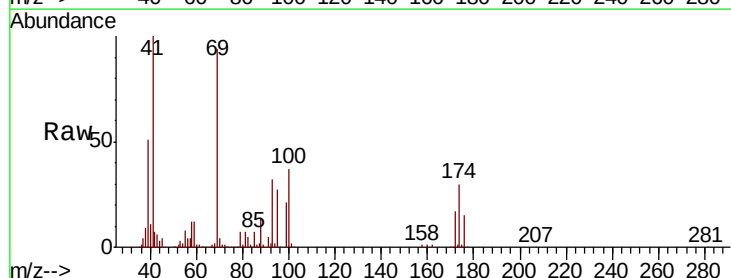
RT: 9.45 min Scan# 1289

Delta R.T. 0.00 min

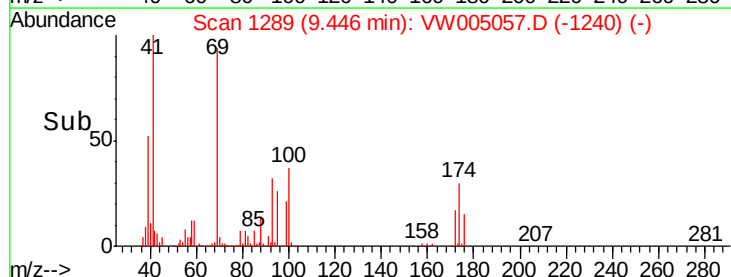
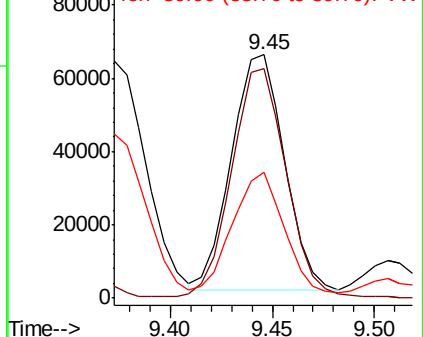
Lab File: VW005057.D

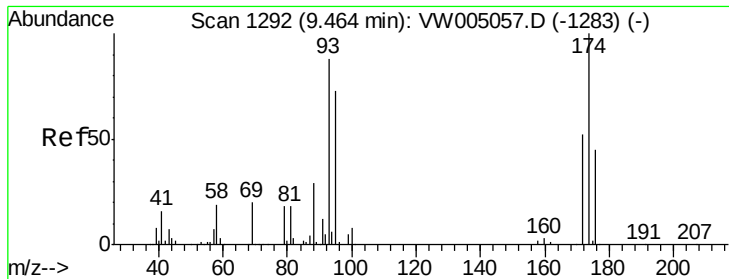
Acq: 01 Sep 2018 01:04

Tgt Ion:	41	Resp:	115552
Ion Ratio	Lower	Upper	
41	100		
69	100.5	80.4	120.6
39	54.4	43.5	65.3



Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 39.00 (38.70 to 39.70): VW





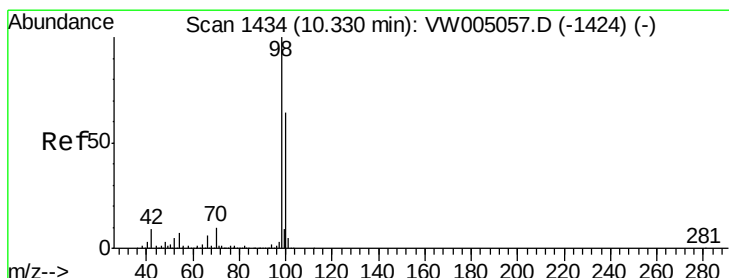
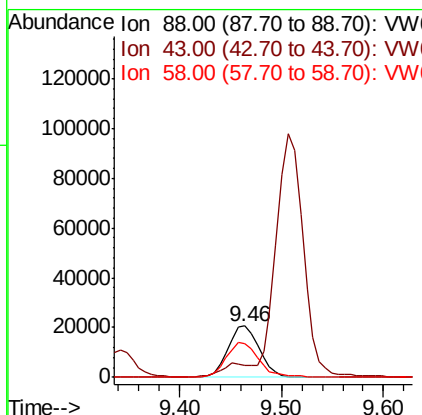
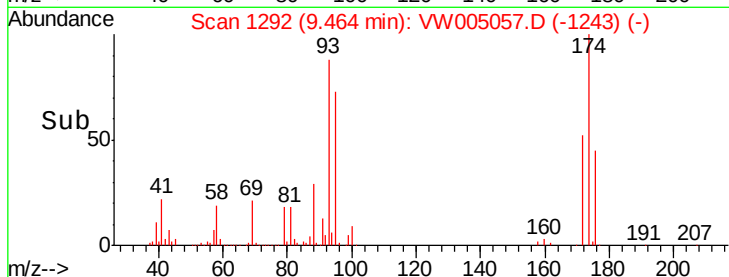
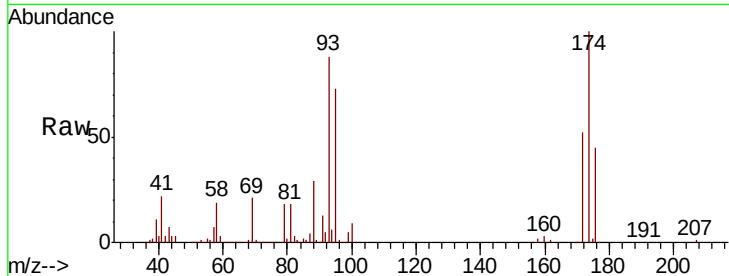
#49
 1,4-Dioxane
 Concen: 1036.40 ug/l
 RT: 9.46 min Scan# 1292
 Delta R.T. 0.00 min
 Lab File: VW005057.D
 Acq: 01 Sep 2018 01:04

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Tot Ion	88	Resp	44062
Ion	Ratio	Lower	Upper
88	100		
43	24.7	19.8	29.6
58	71.4	57.1	85.7

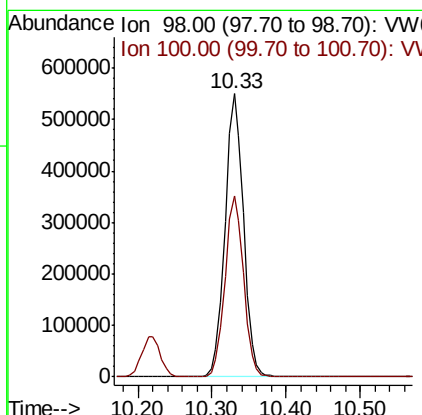
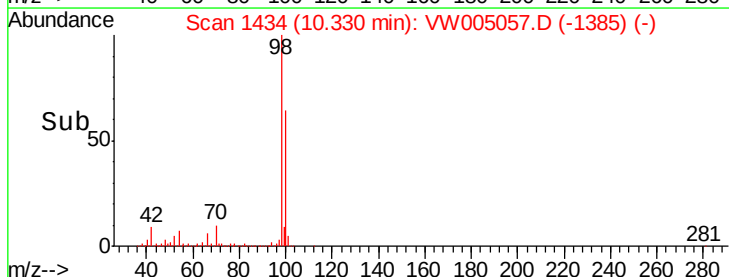
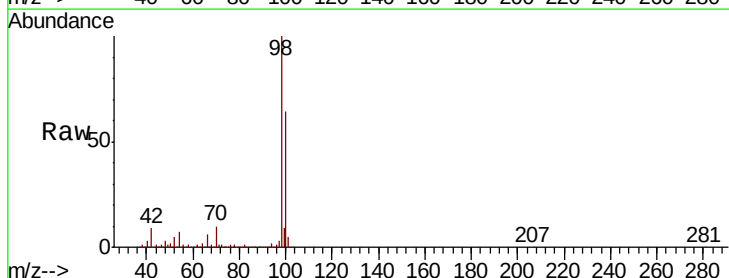
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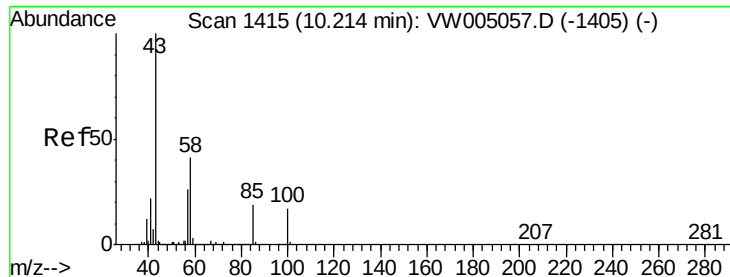
apatel
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#50
 Toluene-d8
 Concen: 50.06 ug/l
 RT: 10.33 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: VW005057.D
 Acq: 01 Sep 2018 01:04

Tgt Ion	98	Resp	949603
Ion	Ratio	Lower	Upper
98	100		
100	64.6	51.7	77.5





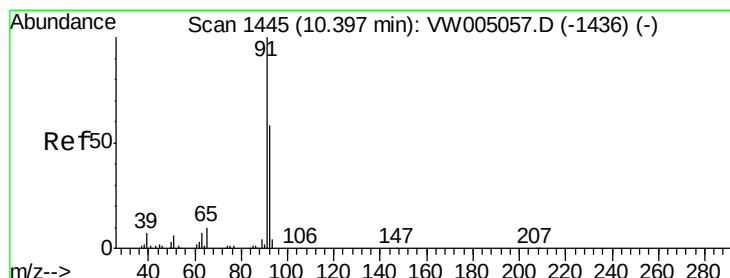
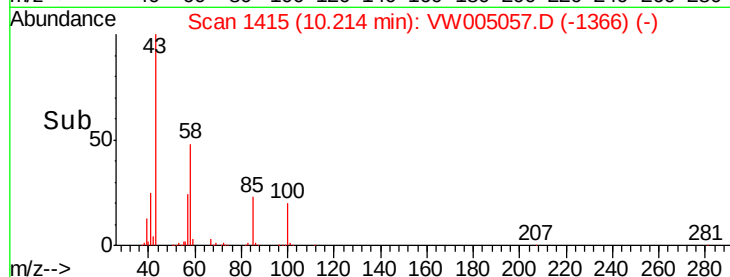
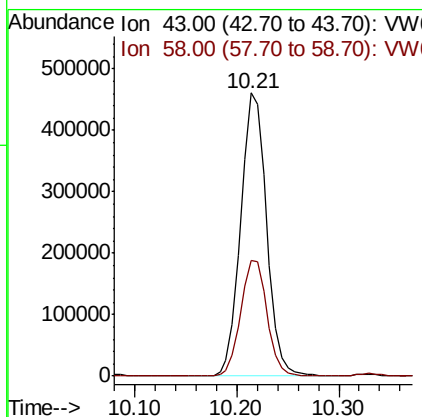
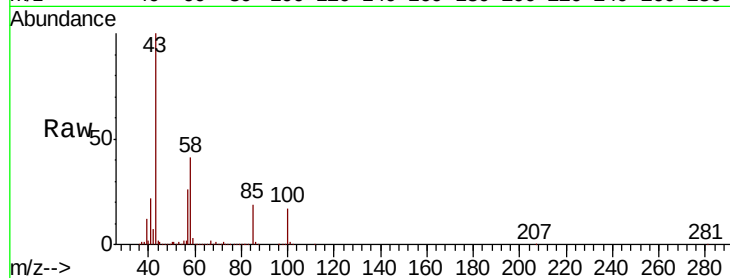
#51
4-Methyl-2-Pentanone
Concen: 256.09 ug/l
RT: 10.21 min Scan# 1415
Delta R.T. 0.00 min
Lab File: VW005057.D
Acq: 01 Sep 2018 01:04

Instrument :
MSVOA_W
ClientSampled :
VSTDICCC050

Tot Ion	43	Resp	811304
Ion Ratio	100	Lower	Upper
43	100		
58	41.6	33.3	49.9

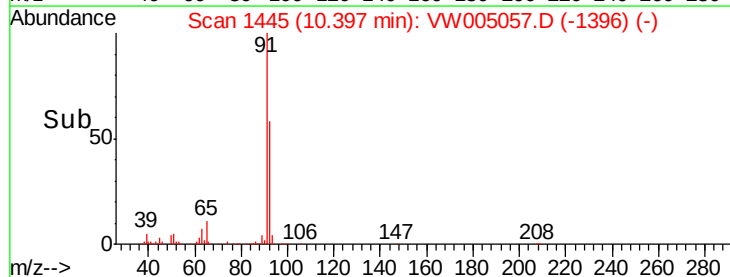
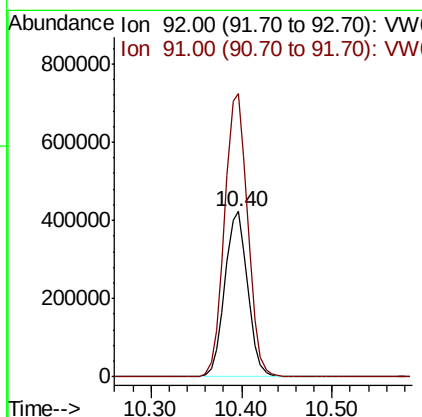
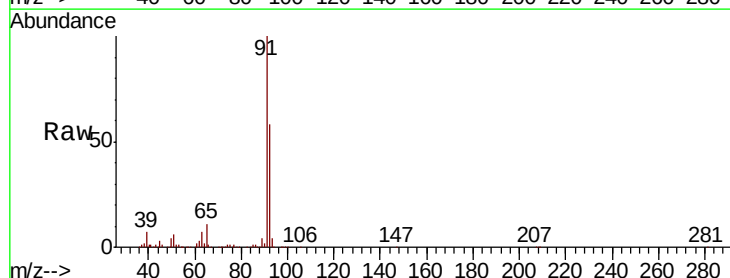
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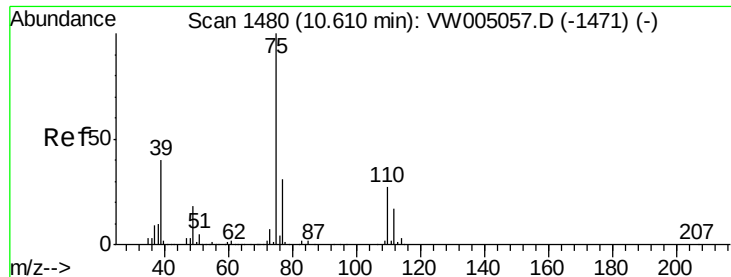
apatel
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#52
Toluene
Concen: 52.39 ug/l
RT: 10.40 min Scan# 1445
Delta R.T. 0.00 min
Lab File: VW005057.D
Acq: 01 Sep 2018 01:04

Tgt Ion	92	Resp	739843
Ion Ratio	100	Lower	Upper
92	100		
91	174.0	139.2	208.8





#53

t-1,3-Dichloropropene

Concen: 55.76 ug/l

RT: 10.61 min Scan# 1480

Delta R.T. 0.00 min

Lab File: VW005057.D

Acq: 01 Sep 2018 01:04

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

Tot Ion: 75 Resp: 304646

Ion Ratio Lower Upper

75 100

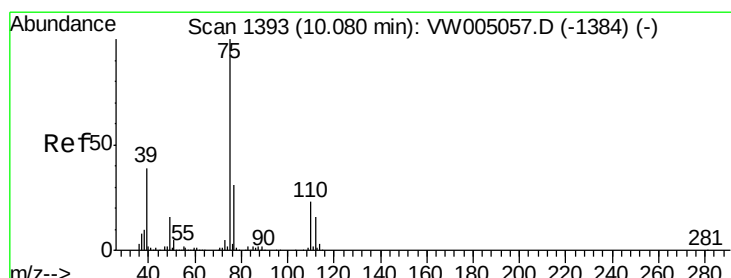
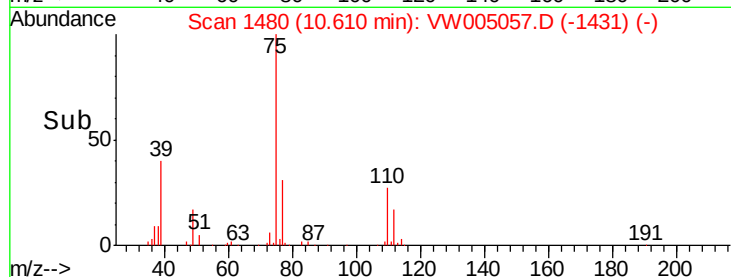
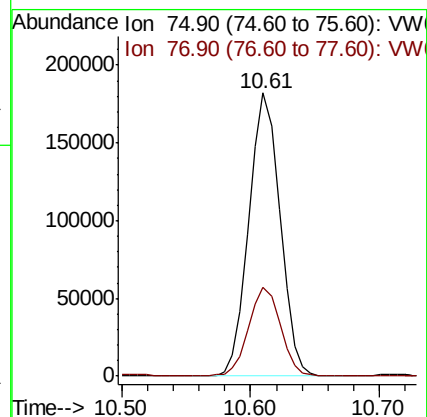
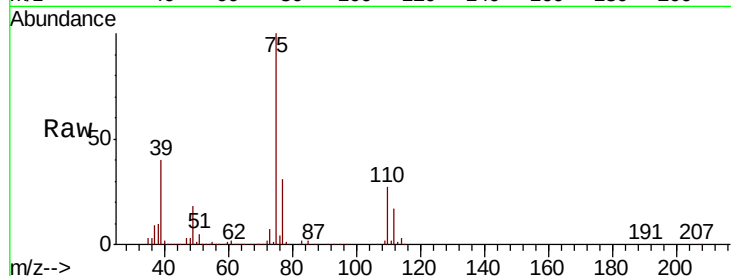
77 31.3 25.0 37.6

Manual Integrations

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#54

cis-1,3-Dichloropropene

Concen: 58.09 ug/l

RT: 10.08 min Scan# 1393

Delta R.T. 0.00 min

Lab File: VW005057.D

Acq: 01 Sep 2018 01:04

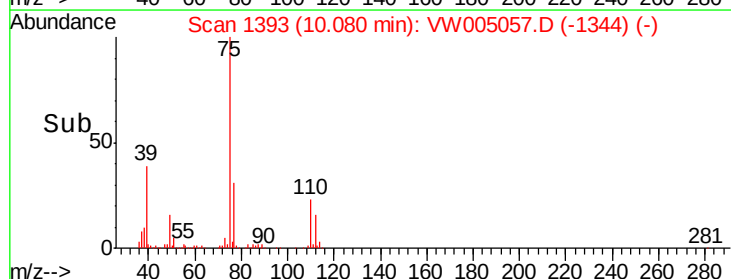
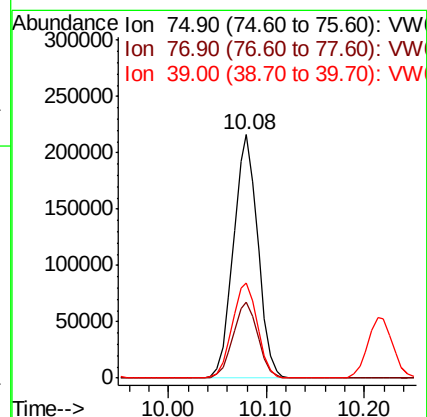
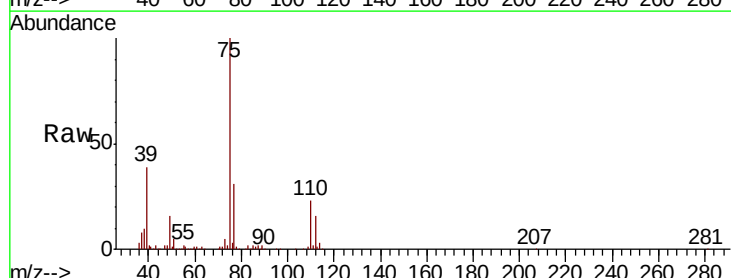
Tgt Ion: 75 Resp: 372693

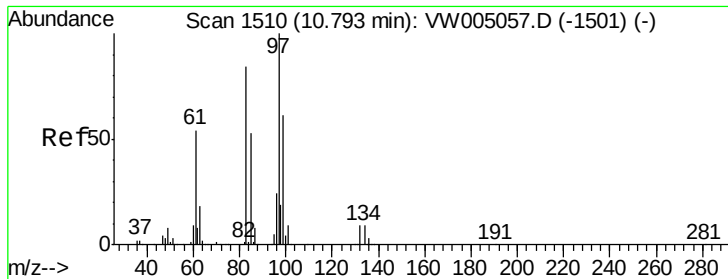
Ion Ratio Lower Upper

75 100

77 31.1 24.9 37.3

39 38.8 31.0 46.6





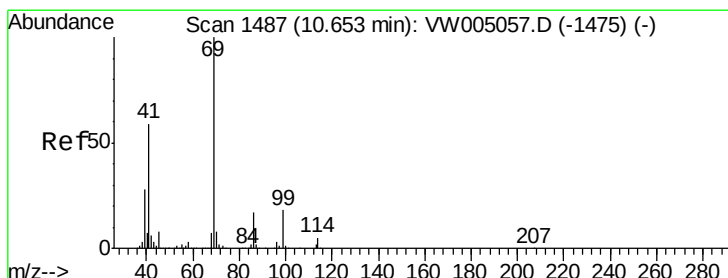
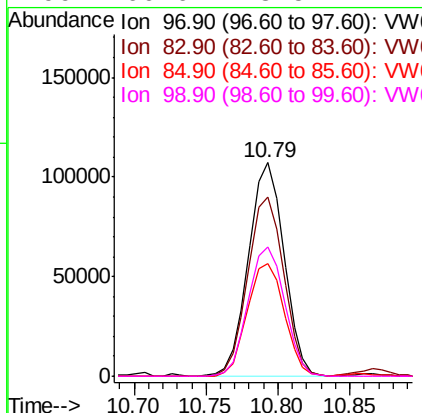
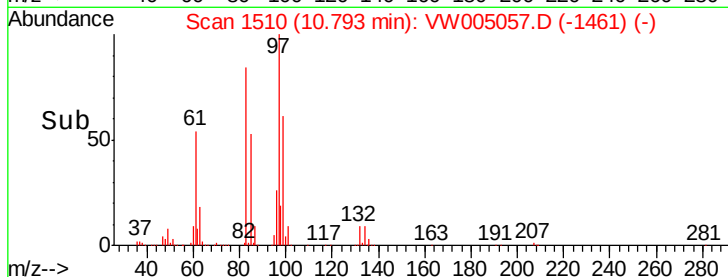
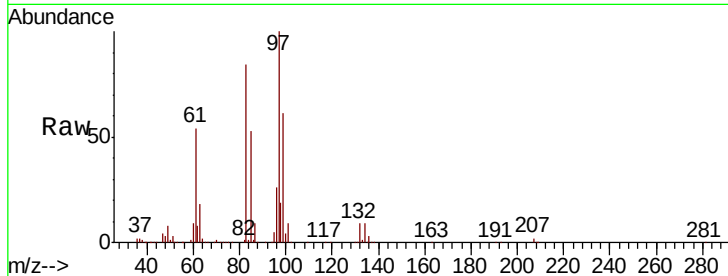
#55
 1,1,2-Trichloroethane
 Concen: 54.06 ug/l
 RT: 10.79 min Scan# 1510
 Delta R.T. 0.00 min
 Lab File: VW005057.D
 Acq: 01 Sep 2018 01:04

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Tot Ion	97	Resp	184077
Ion	Ratio	Lower	Upper
97	100		
83	83.8	67.0	100.6
85	52.9	42.3	63.5
99	60.6	48.5	72.7

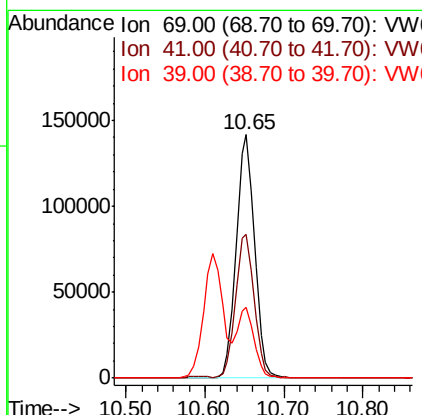
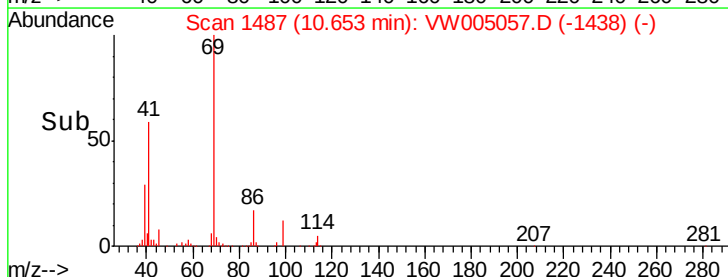
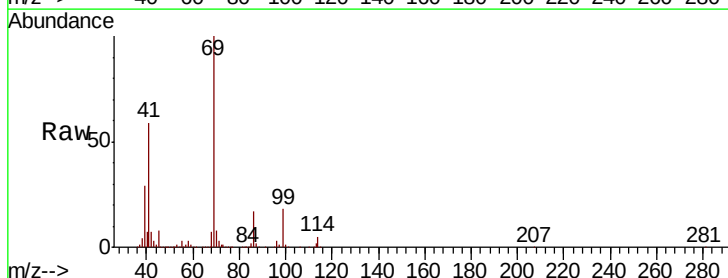
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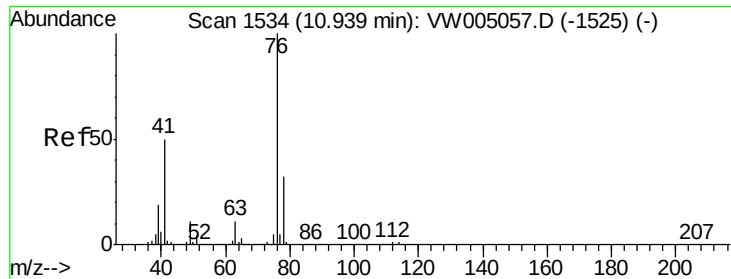
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#56
 Ethyl methacrylate
 Concen: 52.44 ug/l
 RT: 10.65 min Scan# 1487
 Delta R.T. 0.00 min
 Lab File: VW005057.D
 Acq: 01 Sep 2018 01:04

Tgt Ion	69	Resp	230409
Ion	Ratio	Lower	Upper
69	100		
41	59.7	47.8	71.6
39	26.4	21.1	31.7





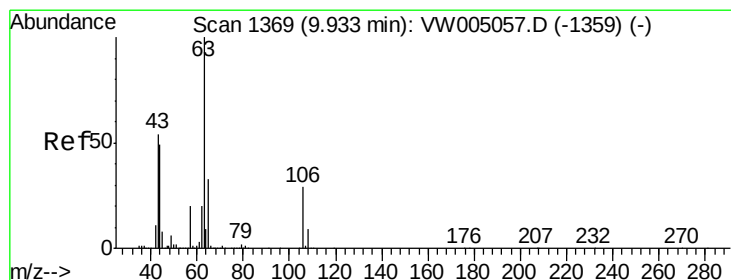
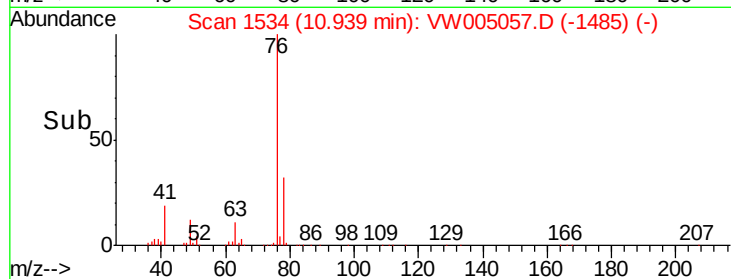
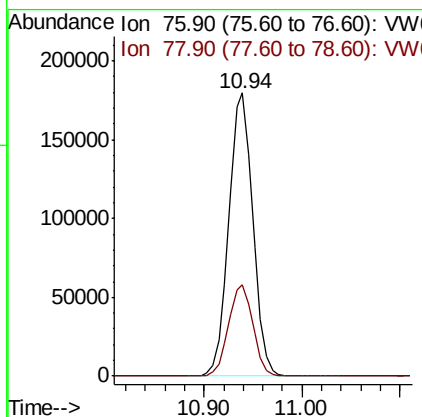
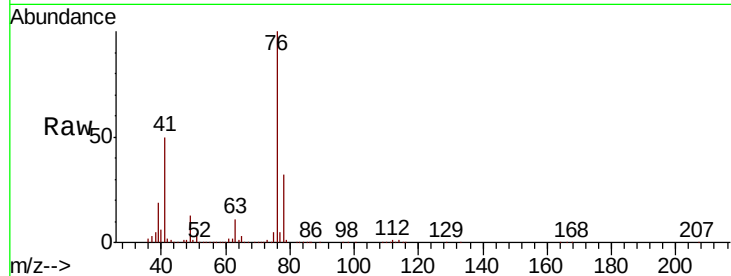
#57
 1,3-Dichloropropane
 Concen: 54.83 ug/l
 RT: 10.94 min Scan# 1534
 Delta R.T. 0.00 min
 Lab File: VW005057.D
 Acq: 01 Sep 2018 01:04

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.9	26.3	39.5

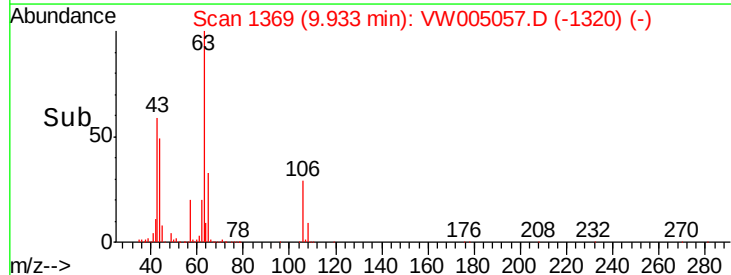
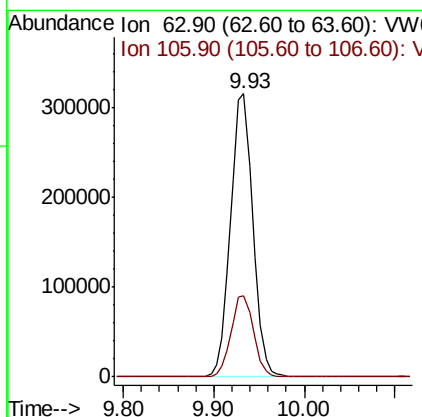
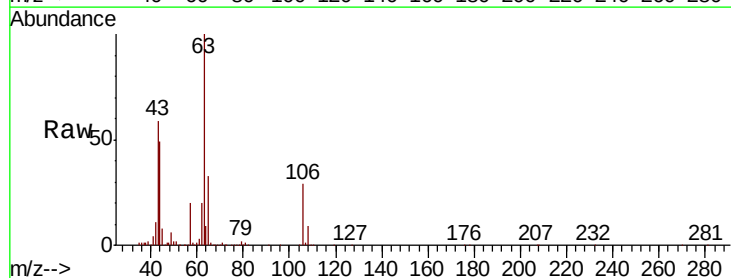
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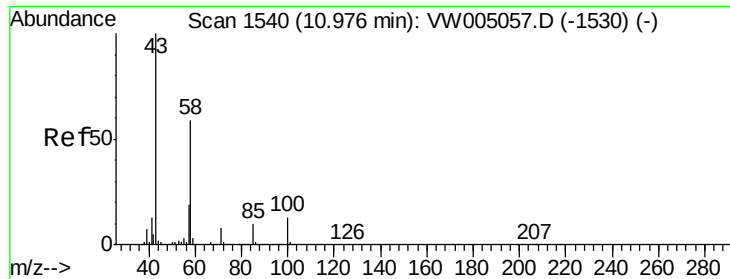
apatel
 9/4/2018 9:37:00 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 282.64 ug/l
 RT: 9.93 min Scan# 1369
 Delta R.T. 0.00 min
 Lab File: VW005057.D
 Acq: 01 Sep 2018 01:04

Tgt Ion	Ratio	Lower	Upper
63	100		
106	28.9	23.1	34.7





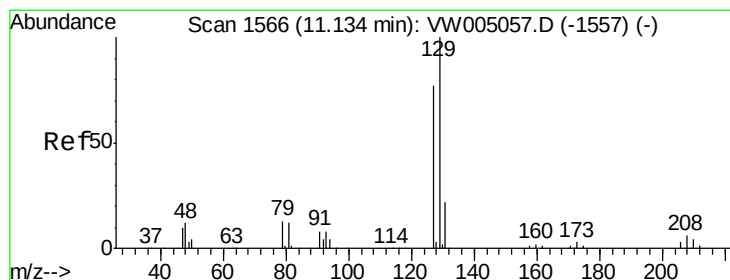
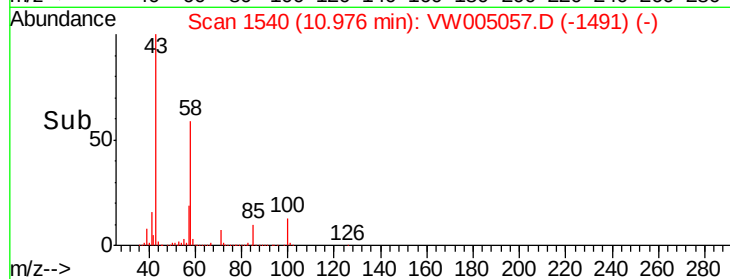
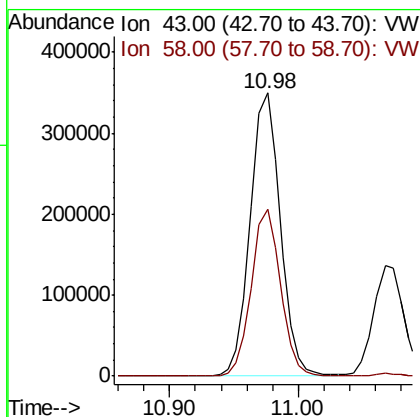
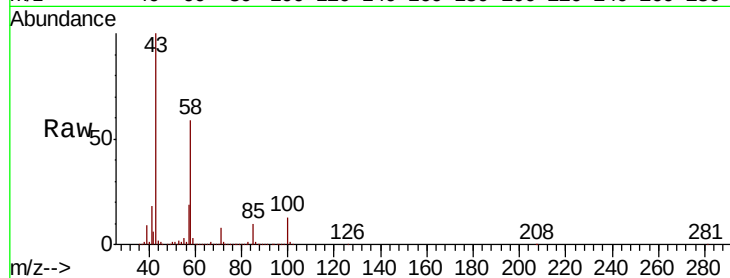
#59
2-Hexanone
Concen: 247.07 ug/l
RT: 10.98 min Scan# 1540
Delta R.T. 0.00 min
Lab File: VW005057.D
Acq: 01 Sep 2018 01:04

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tot Ion	43	Resp	562611
Ion Ratio	43	100	
Lower	58	57.5	28.7
Upper			86.3

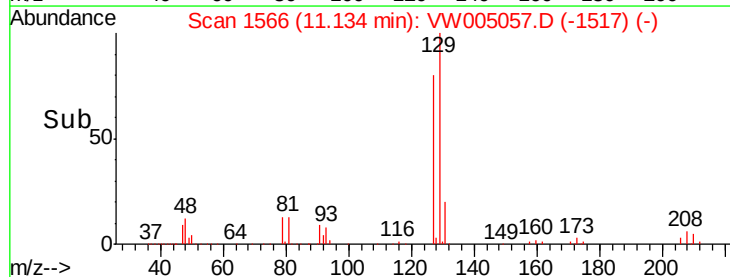
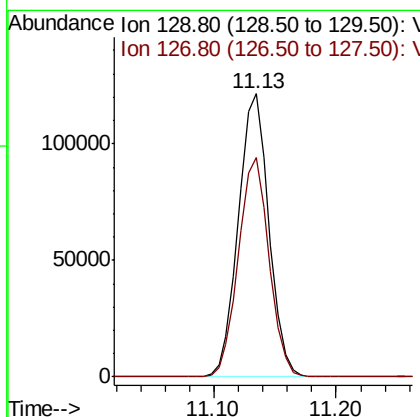
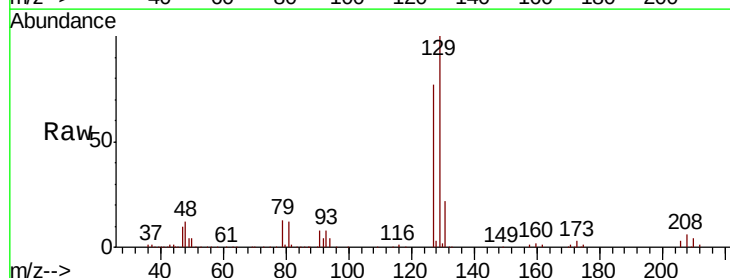
Manual Integrations
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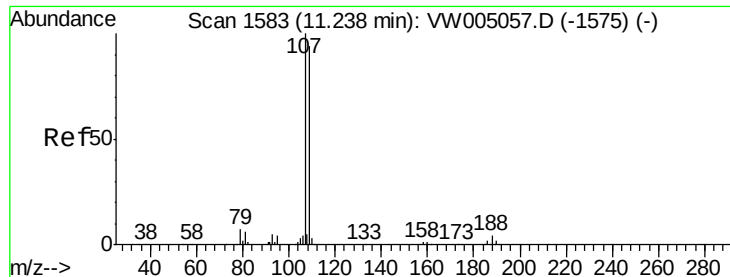
apatel
9/4/2018 9:37:00 AM



#60
Dibromochloromethane
Concen: 56.12 ug/l
RT: 11.13 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VW005057.D
Acq: 01 Sep 2018 01:04

Tgt Ion	129	Resp	209416
Ion Ratio	129	100	
Lower	127	77.8	38.9
Upper			116.7





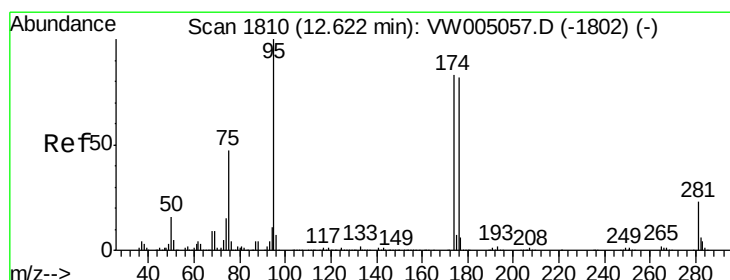
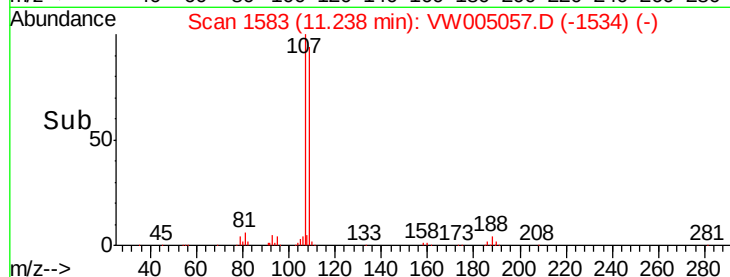
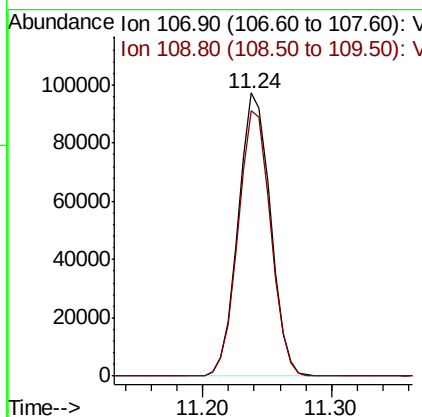
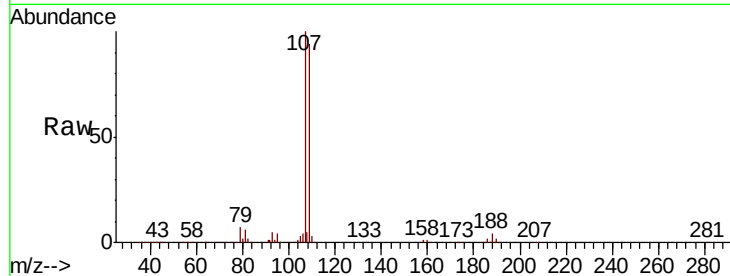
#61
 1,2-Dibromoethane
 Concen: 53.21 ug/l
 RT: 11.24 min Scan# 1583
 Delta R.T. 0.00 min
 Lab File: VW005057.D
 Acq: 01 Sep 2018 01:04

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
107	100		
109	94.9	75.9	113.9

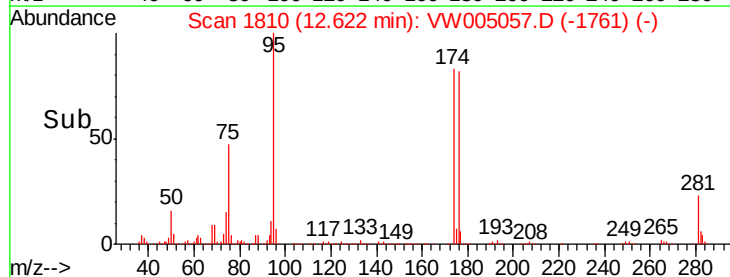
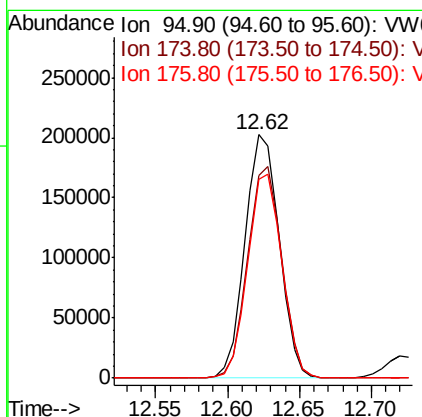
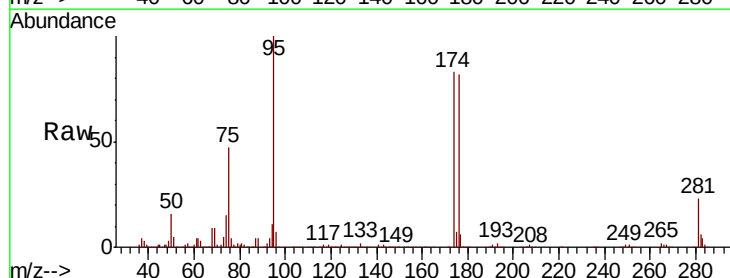
Manual Integrations
 APPROVED

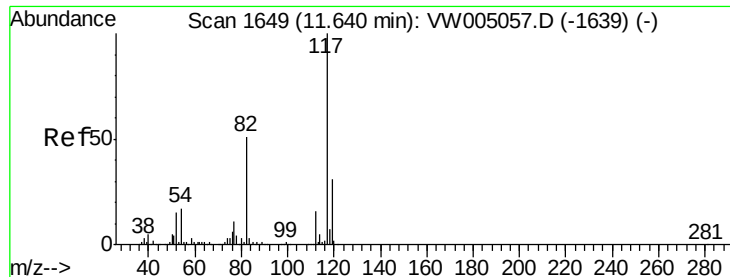
apatel
 9/4/2018 9:37:00 AM



#62
 4-Bromofluorobenzene
 Concen: 48.15 ug/l
 RT: 12.62 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VW005057.D
 Acq: 01 Sep 2018 01:04

Tgt Ion	Ratio	Lower	Upper
95	100		
174	86.7	0.0	173.4
176	83.7	0.0	167.4





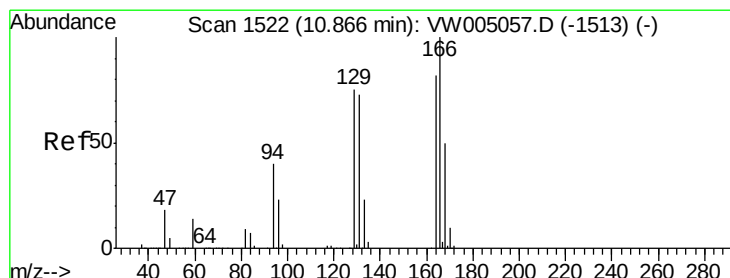
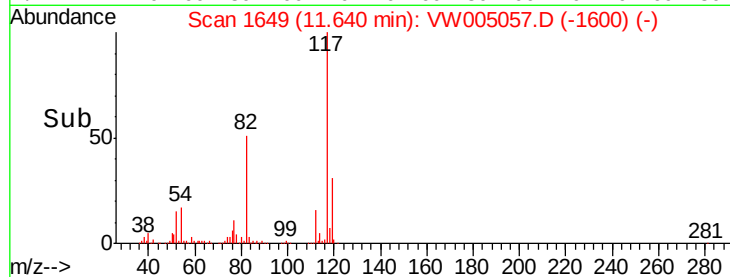
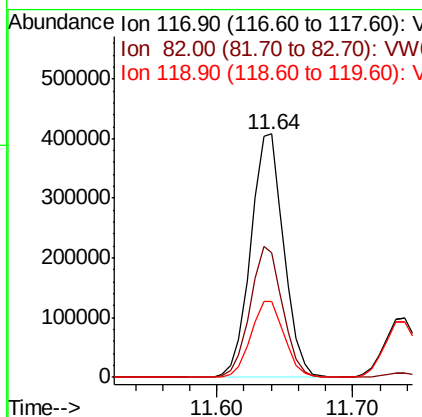
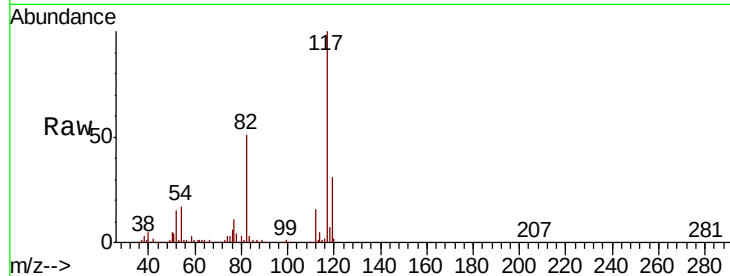
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.64 min Scan# 1649
Delta R.T. 0.00 min
Lab File: VW005057.D
Acq: 01 Sep 2018 01:04

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
117	100	694493		
82	51.1		40.9	61.3
119	31.1		24.9	37.3

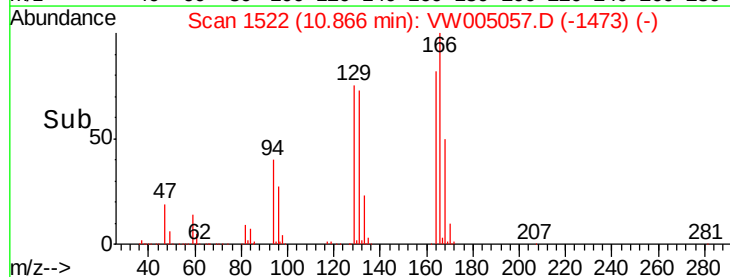
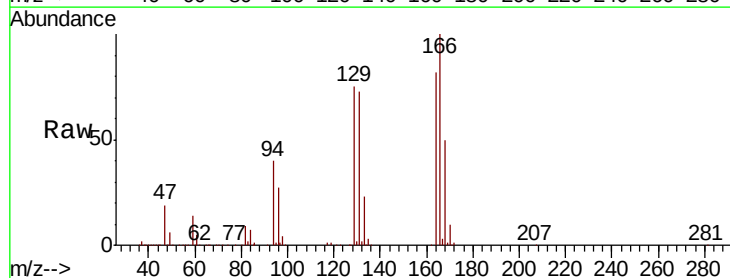
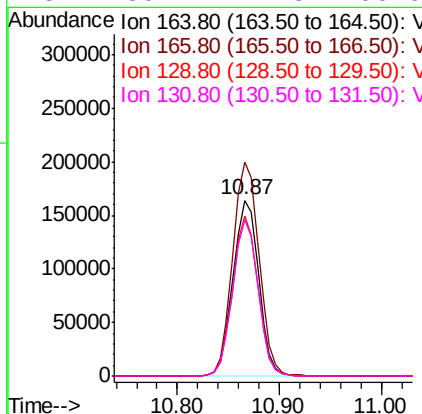
Manual Integrations
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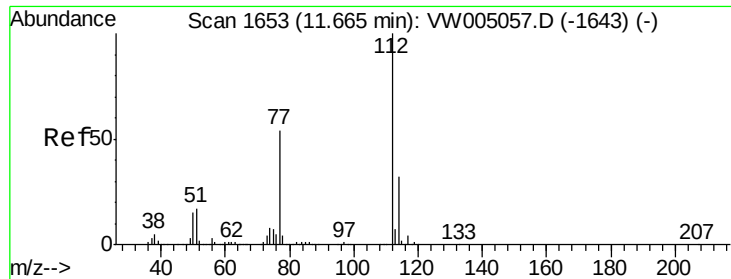
apatel
9/4/2018 9:37:00 AM



#64
Tetrachloroethene
Concen: 55.43 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. 0.00 min
Lab File: VW005057.D
Acq: 01 Sep 2018 01:04

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	284490		
166	121.6		97.3	145.9
129	91.4		73.1	109.7
131	89.1		71.3	106.9





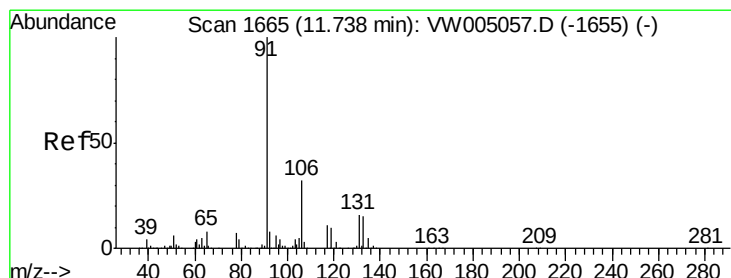
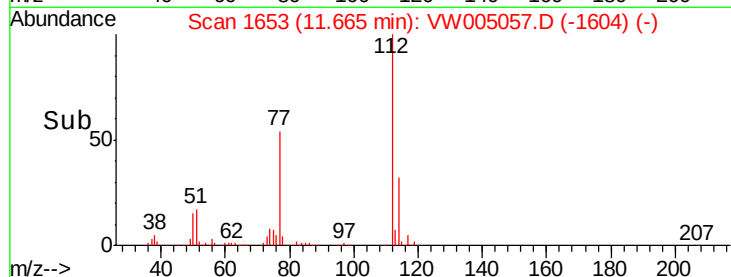
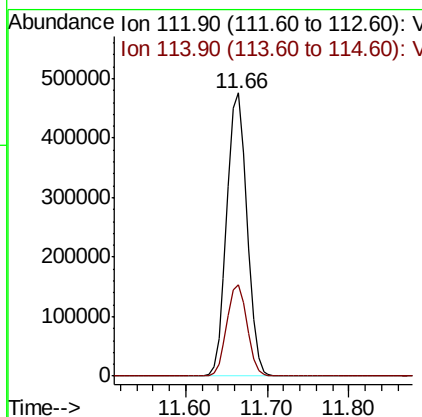
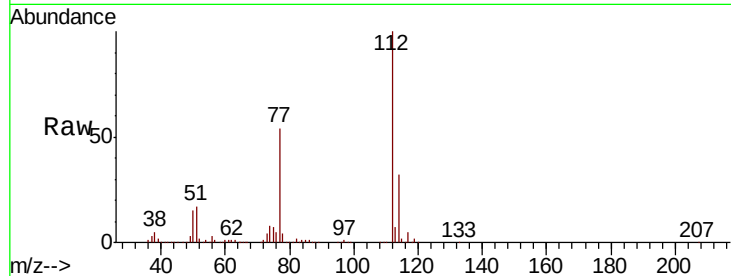
#65
Chlorobenzene
Concen: 52.84 ug/l
RT: 11.66 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VW005057.D
Acq: 01 Sep 2018 01:04

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.5	26.0	39.0

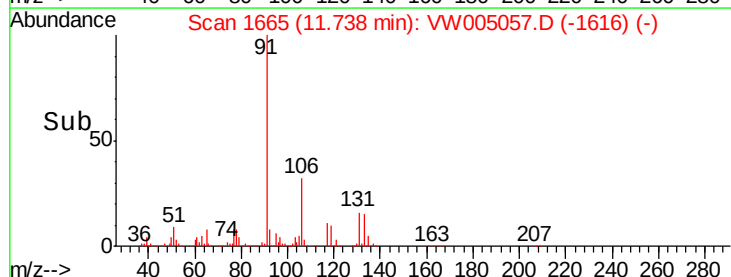
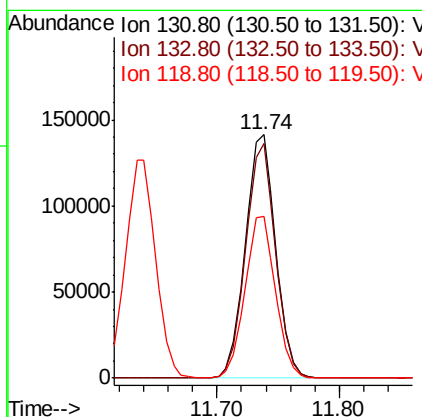
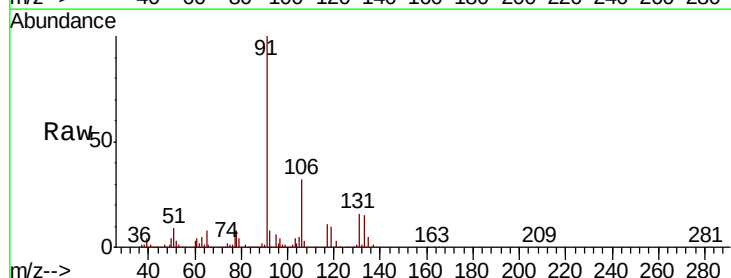
Manual Integrations
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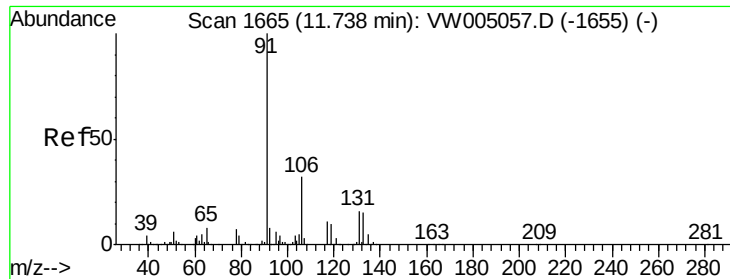
apatel
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#66
1,1,1,2-Tetrachloroethane
Concen: 57.16 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. 0.00 min
Lab File: VW005057.D
Acq: 01 Sep 2018 01:04

Tgt Ion	Ratio	Lower	Upper
131	100		
133	94.9	47.4	142.3
119	66.7	33.4	100.1





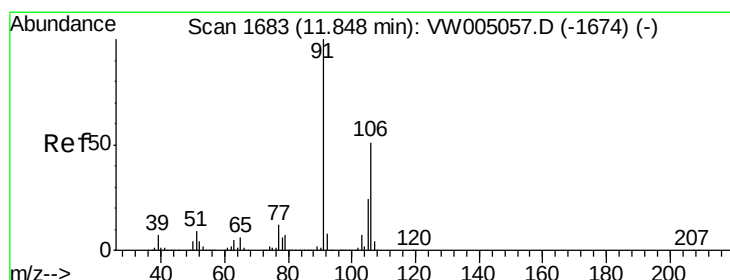
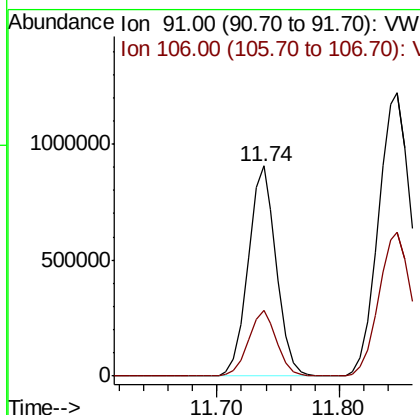
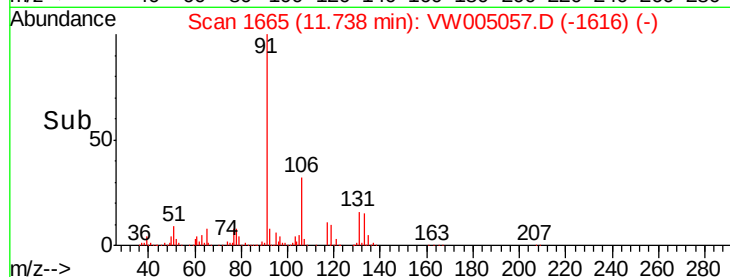
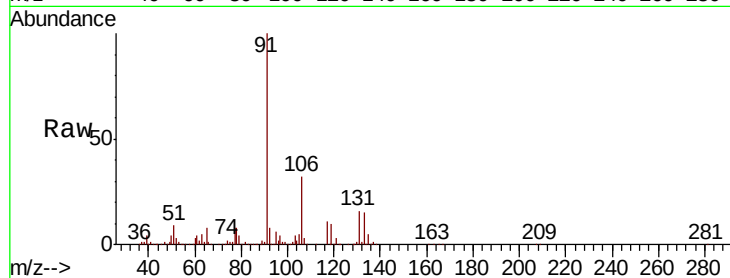
#67
Ethyl Benzene
Concen: 54.56 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. 0.00 min
Lab File: VW005057.D
Acq: 01 Sep 2018 01:04

Instrument :
MSVOA_W
ClientSampled :
VSTDICCC050

Tot Ion: 91 Resp: 1438919
Ion Ratio Lower Upper
91 100
106 31.6 25.3 37.9

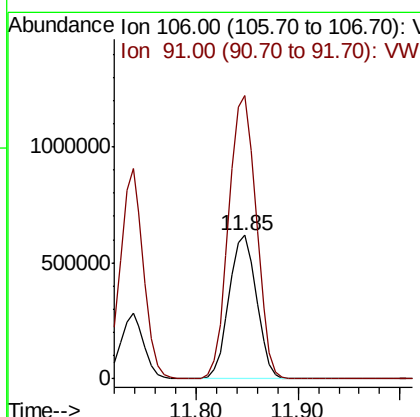
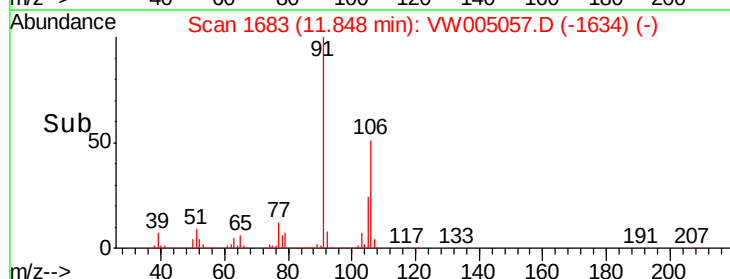
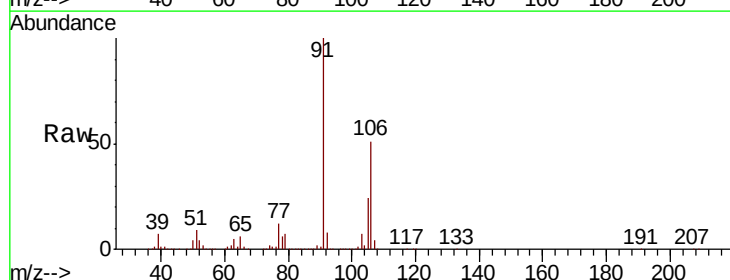
Manual Integrations
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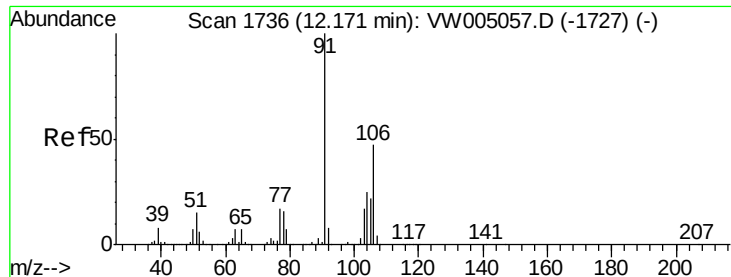
apatel
9/4/2018 9:37:00 AM



#68
m/p-Xylenes
Concen: 107.75 ug/l
RT: 11.85 min Scan# 1683
Delta R.T. 0.00 min
Lab File: VW005057.D
Acq: 01 Sep 2018 01:04

Tgt Ion:106 Resp: 1154922
Ion Ratio Lower Upper
106 100
91 198.0 158.4 237.6





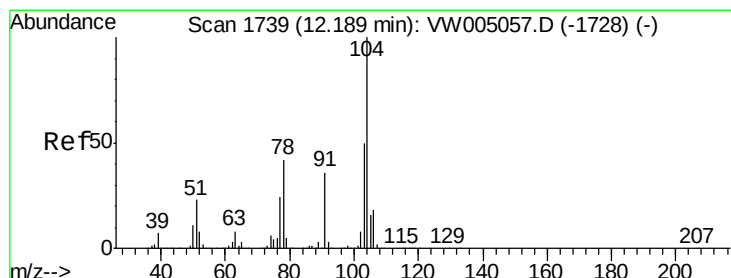
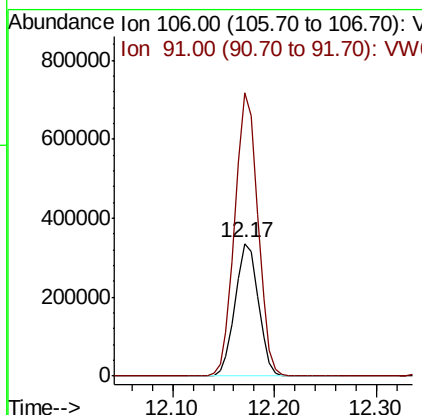
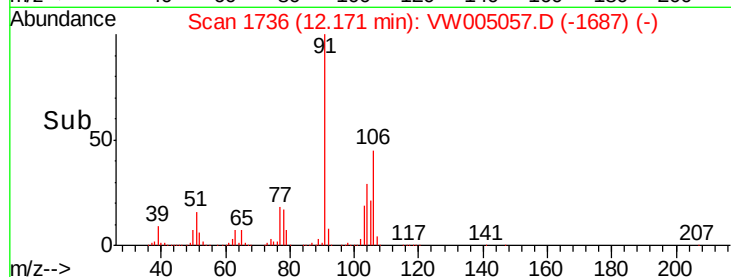
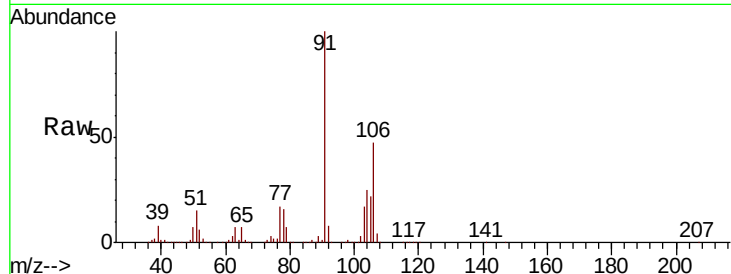
#69
o-Xylene
Concen: 54.11 ug/l
RT: 12.17 min Scan# 1736
Delta R.T. 0.00 min
Lab File: VW005057.D
Acq: 01 Sep 2018 01:04

Instrument :
MSVOA_W
ClientSampled :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
106	100		
91	211.2	105.6	316.8

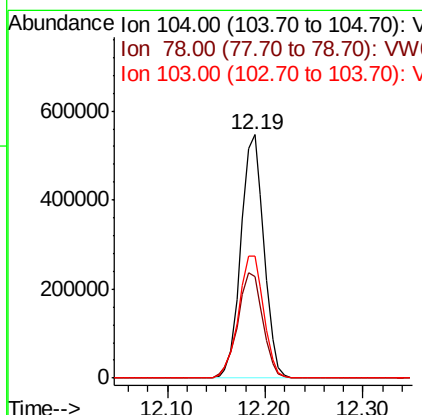
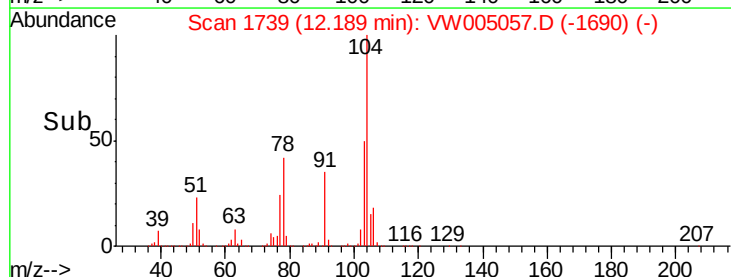
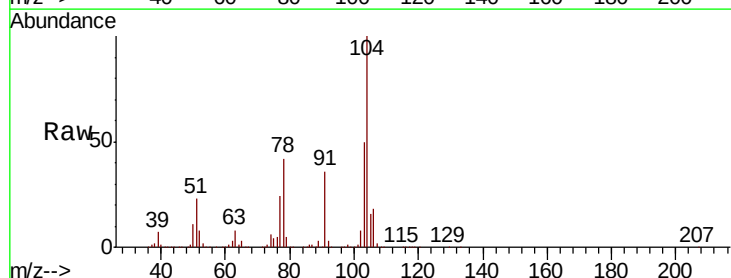
Manual Integrations
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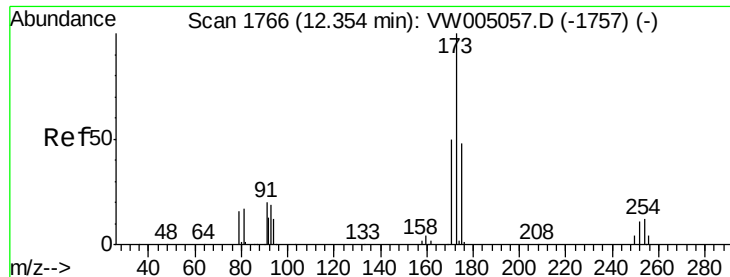
apatel
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#70
Styrene
Concen: 54.96 ug/l
RT: 12.19 min Scan# 1739
Delta R.T. 0.00 min
Lab File: VW005057.D
Acq: 01 Sep 2018 01:04

Tgt Ion	Ratio	Lower	Upper
104	100		
78	47.2	37.8	56.6
103	55.1	44.1	66.1





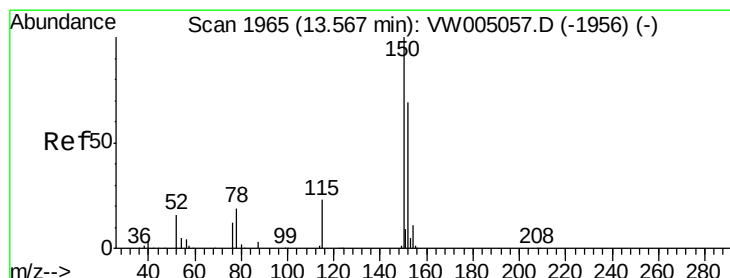
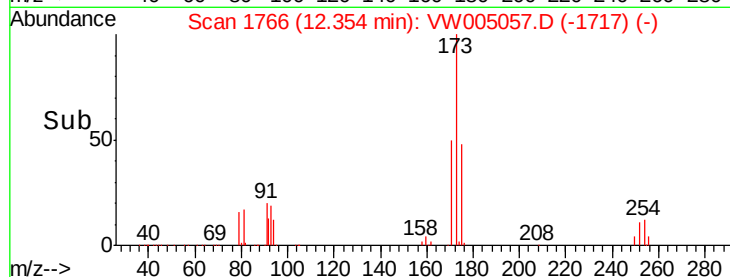
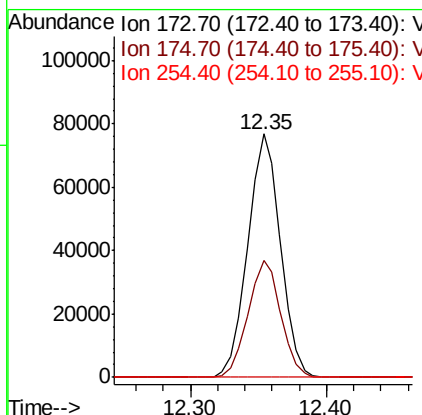
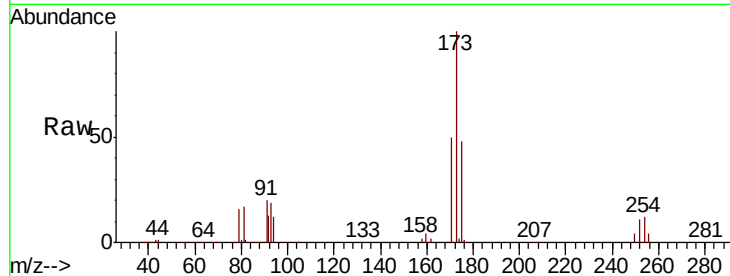
#71
Bromoform
Concen: 54.86 ug/l
RT: 12.35 min Scan# 1766
Delta R.T. 0.00 min
Lab File: VW005057.D
Acq: 01 Sep 2018 01:04

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.1	24.1	72.2
254	0.2	0.2	0.2

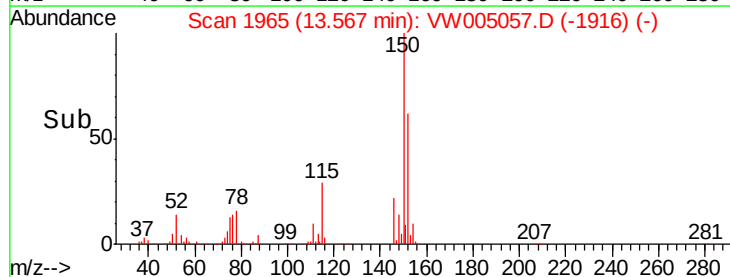
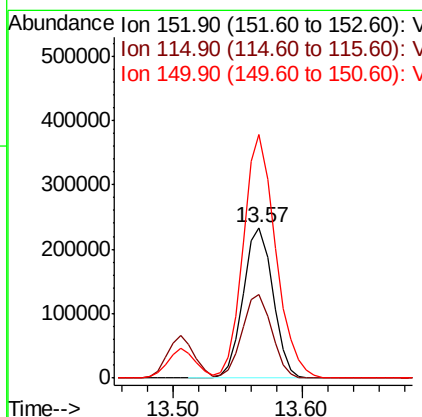
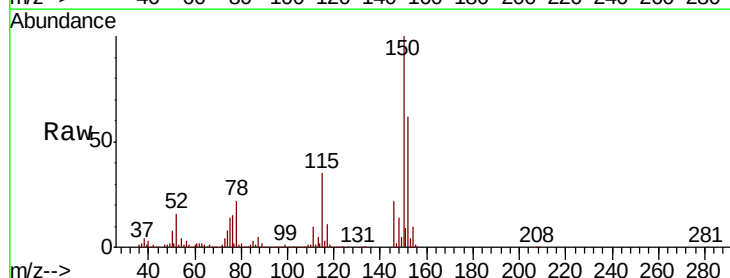
Manual Integrations
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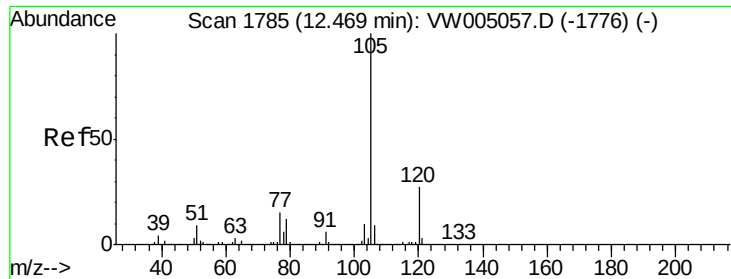
apatel
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#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. 0.00 min
Lab File: VW005057.D
Acq: 01 Sep 2018 01:04

Tgt Ion	Ratio	Lower	Upper
152	100		
115	55.6	27.8	83.4
150	175.7	0.0	351.4





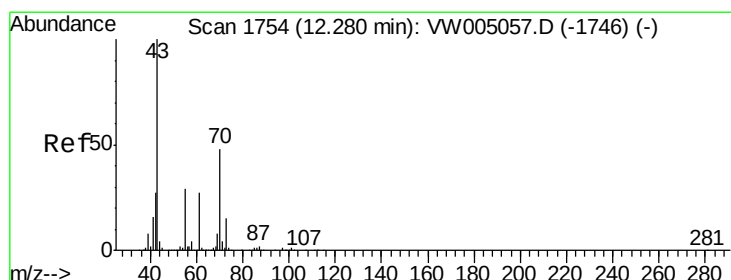
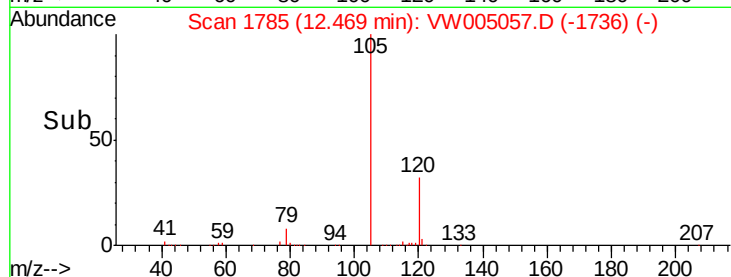
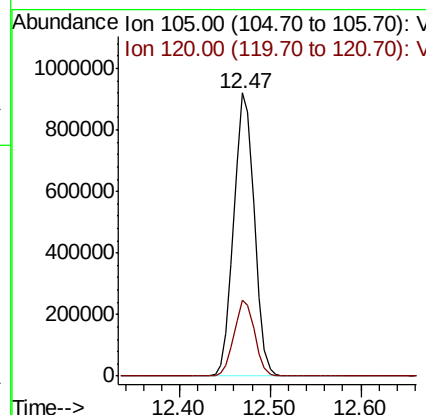
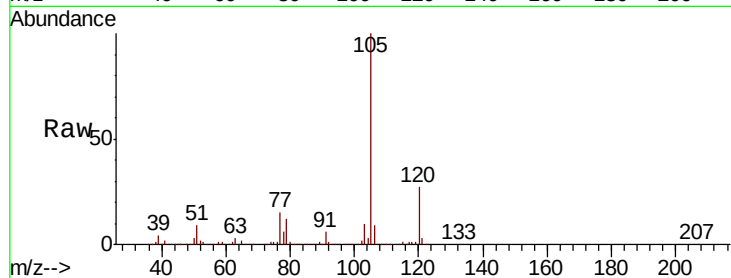
#73
Isopropylbenzene
Concen: 57.38 ug/l
RT: 12.47 min Scan# 1785
Delta R.T. 0.00 min
Lab File: VW005057.D
Acq: 01 Sep 2018 01:04

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tot Ion:105 Resp: 1444896
Ion Ratio Lower Upper
105 100
120 26.7 13.4 40.1

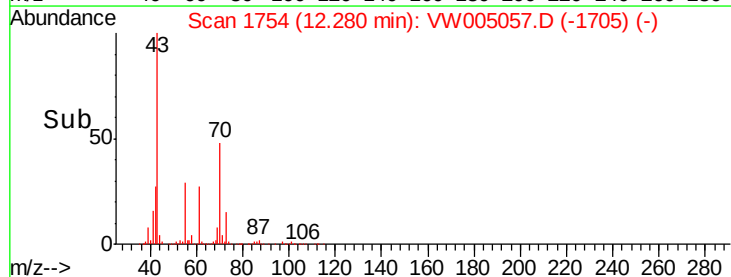
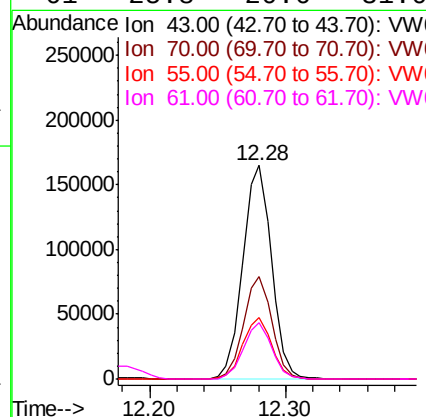
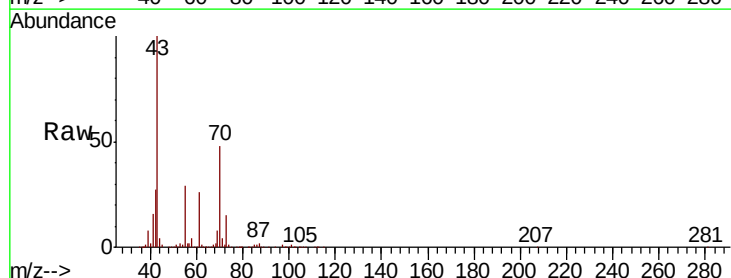
Manual Integrations
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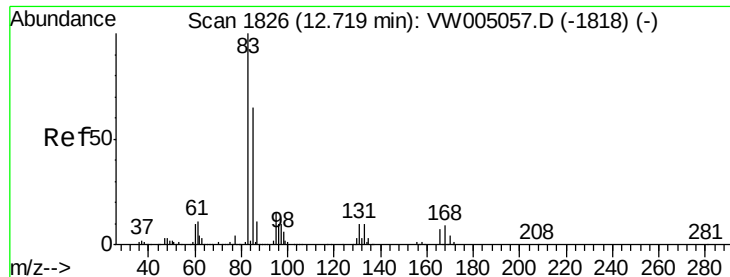
apatel
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#74
N-ethyl acetate
Concen: 51.92 ug/l
RT: 12.28 min Scan# 1754
Delta R.T. 0.00 min
Lab File: VW005057.D
Acq: 01 Sep 2018 01:04

Tgt Ion: 43 Resp: 242401
Ion Ratio Lower Upper
43 100
70 47.8 38.2 57.4
55 29.0 23.2 34.8
61 25.8 20.6 31.0





#75

1,1,2,2-Tetrachloroethane

Concen: 53.63 ug/l

RT: 12.72 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VW005057.D

Acq: 01 Sep 2018 01:04

Instrument :

MSVOA_W

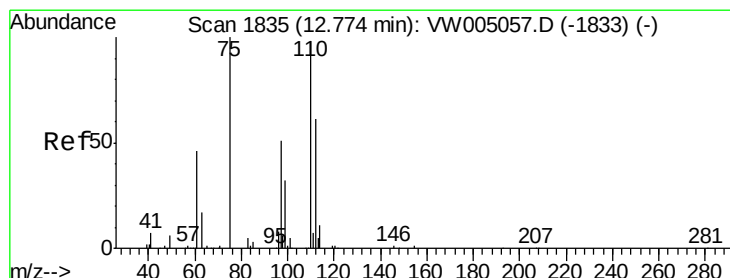
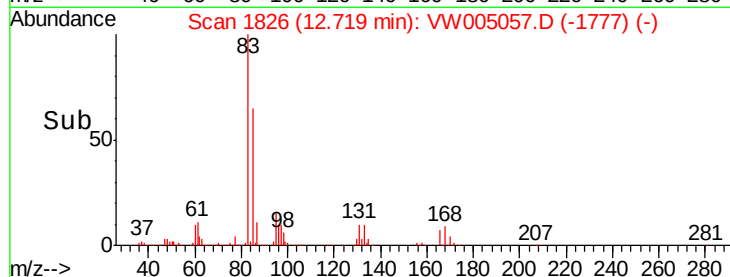
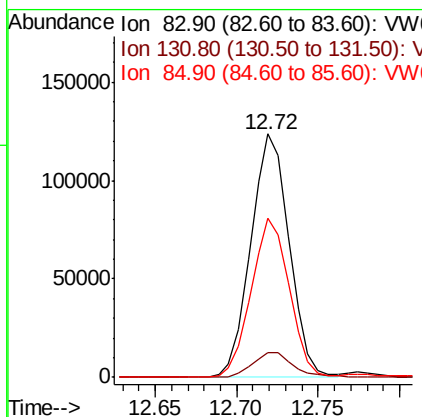
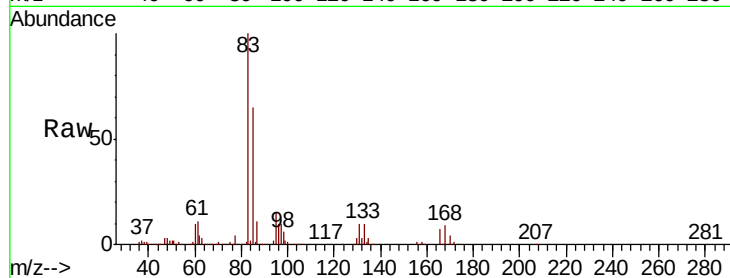
ClientSampleId :

VSTDICCC050

Tot Ion:	83	Resp:	202705
Ion Ratio	Lower	Upper	
83	100		
131	10.9	5.5	16.4
85	64.9	32.5	97.4

Manual Integrations
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9/4/2018 9:37:00 AM



#76

1,2,3-Trichloropropane

Concen: 51.44 ug/l m

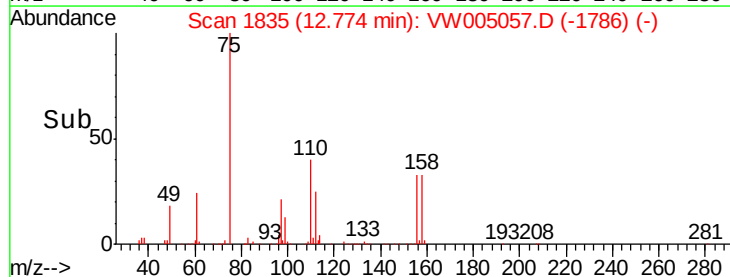
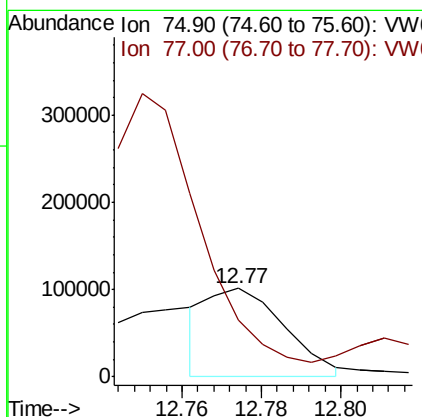
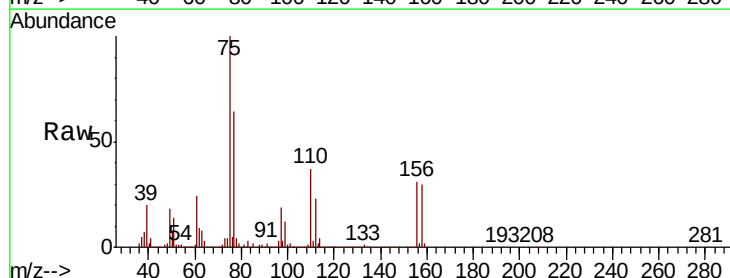
RT: 12.77 min Scan# 1835

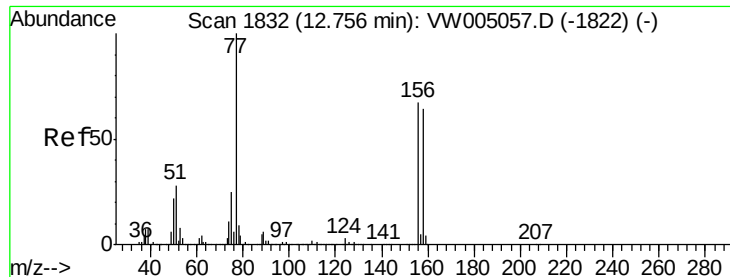
Delta R.T. 0.00 min

Lab File: VW005057.D

Acq: 01 Sep 2018 01:04

Tgt Ion:	75	Resp:	136604
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 55.33 ug/l

RT: 12.76 min Scan# 1832

Delta R.T. 0.00 min

Lab File: VW005057.D

Acq: 01 Sep 2018 01:04

Instrument :

MSVOA_W

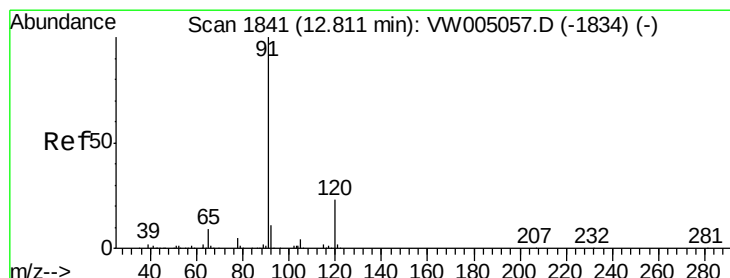
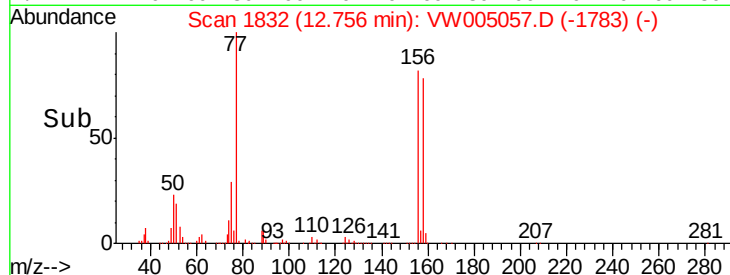
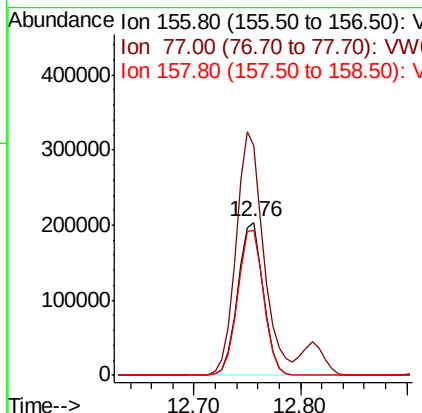
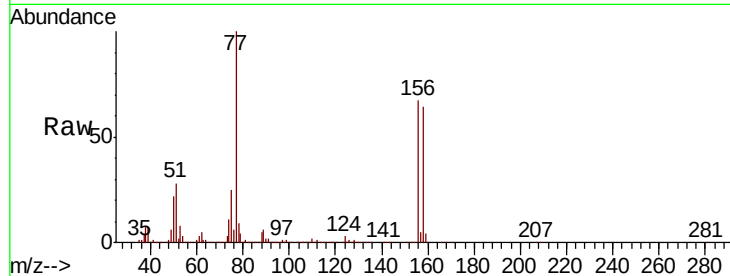
ClientSampleId :

VSTDICCC050

Tot Ion:	156	Resp:	341648
Ion Ratio	Lower	Upper	
156	100		
77	171.6	85.8	257.4
158	96.3	48.1	144.4

Manual Integrations
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#78

n-propylbenzene

Concen: 56.64 ug/l

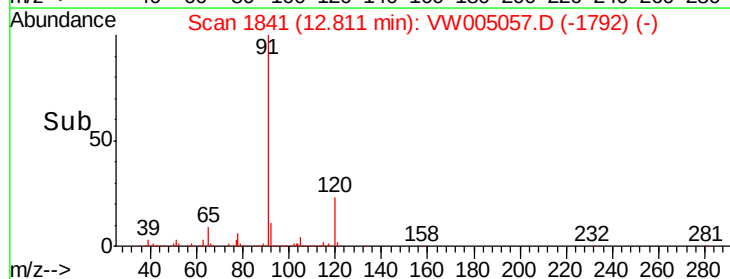
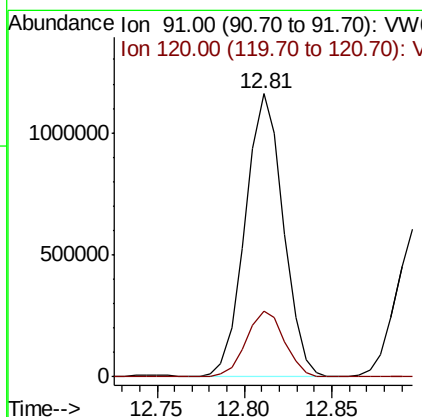
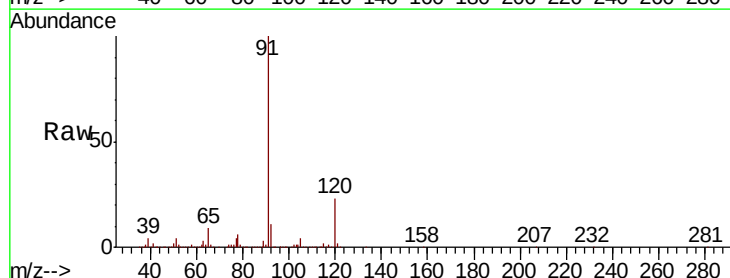
RT: 12.81 min Scan# 1841

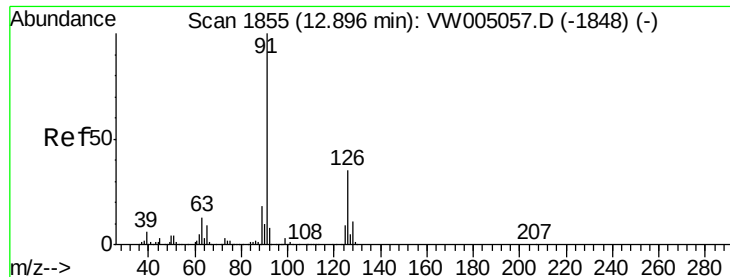
Delta R.T. 0.00 min

Lab File: VW005057.D

Acq: 01 Sep 2018 01:04

Tgt Ion:	91	Resp:	1754453
Ion Ratio	Lower	Upper	
91	100		
120	23.5	11.8	35.3





#79

2-Chlorotoluene

Concen: 55.46 ug/l

RT: 12.90 min Scan# 1855

Delta R.T. 0.00 min

Lab File: VW005057.D

Acq: 01 Sep 2018 01:04

Instrument :

MSVOA_W

ClientSampled :

VSTDICCC050

Tot Ion: 91 Resp: 991779

Ion Ratio Lower Upper

91 100

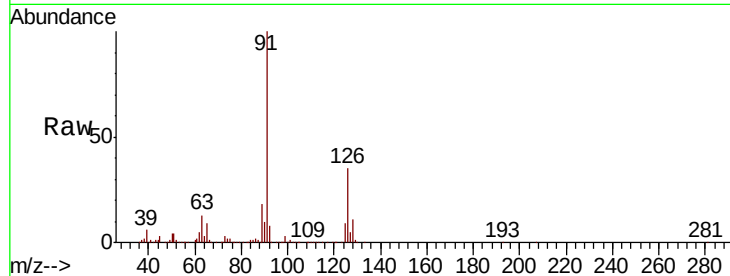
126 34.7 17.3 52.0

Manual Integrations

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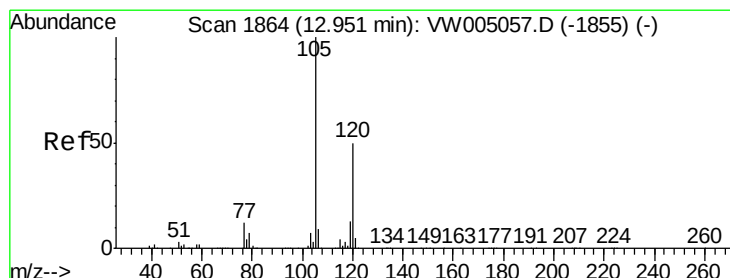
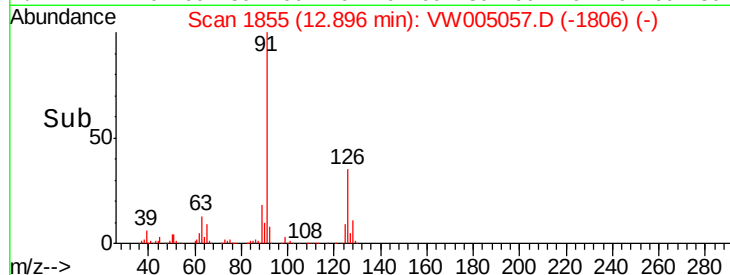
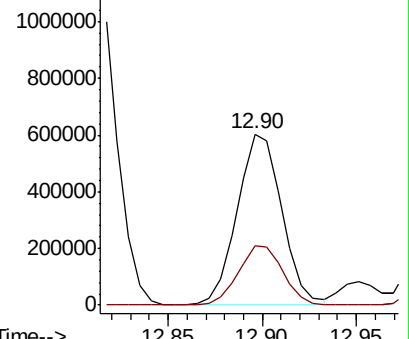
apatel

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Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 56.56 ug/l

RT: 12.95 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VW005057.D

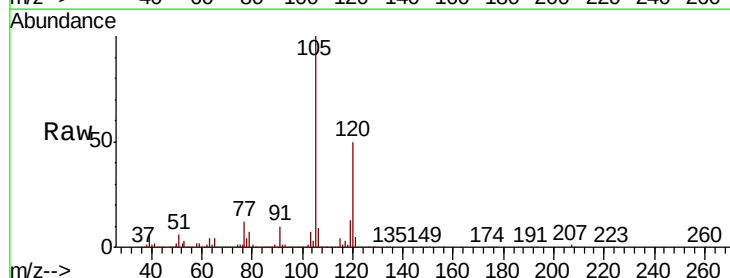
Acq: 01 Sep 2018 01:04

Tgt Ion: 105 Resp: 1254266

Ion Ratio Lower Upper

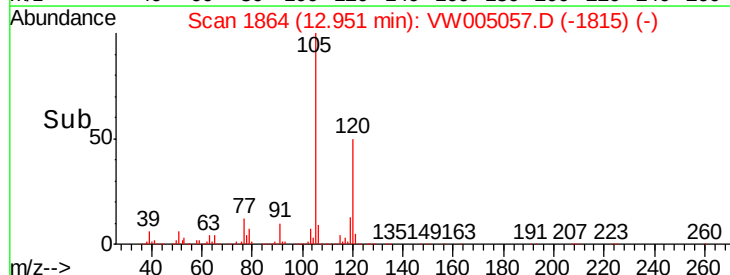
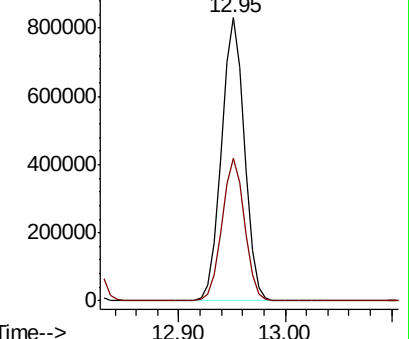
105 100

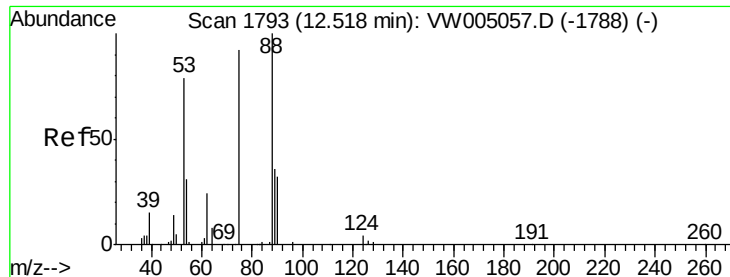
120 49.9 24.9 74.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





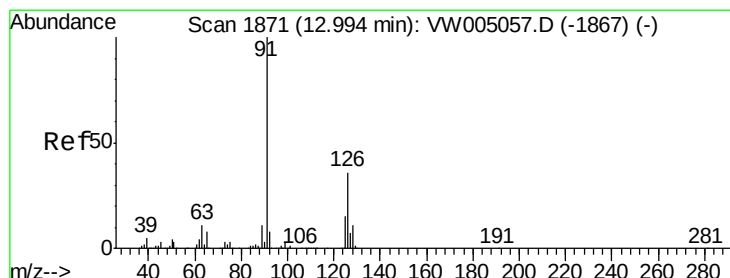
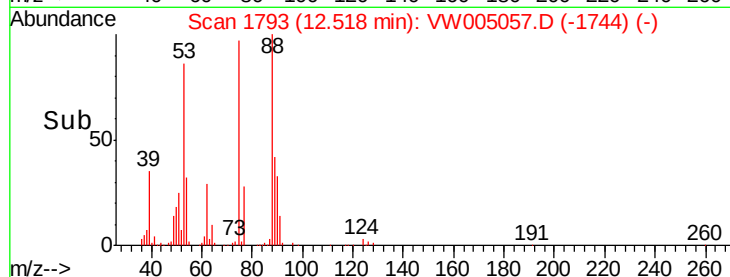
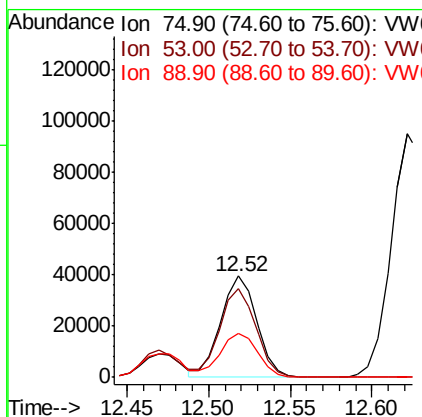
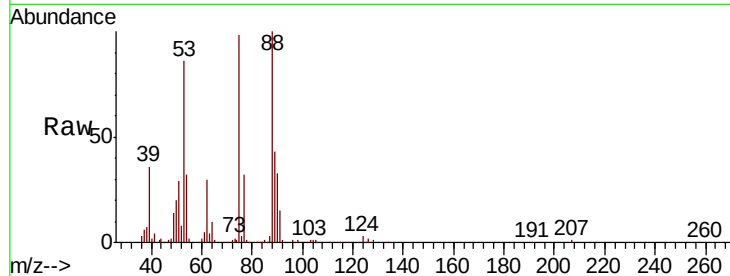
#81
trans-1,4-Dichloro-2-butene
Concen: 52.22 ug/l
RT: 12.52 min Scan# 1793
Delta R.T. 0.00 min
Lab File: VW005057.D
Acq: 01 Sep 2018 01:04

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	87.3	69.8	104.8
89	45.0	36.0	54.0

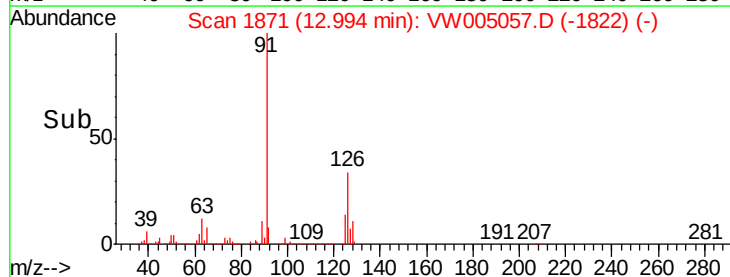
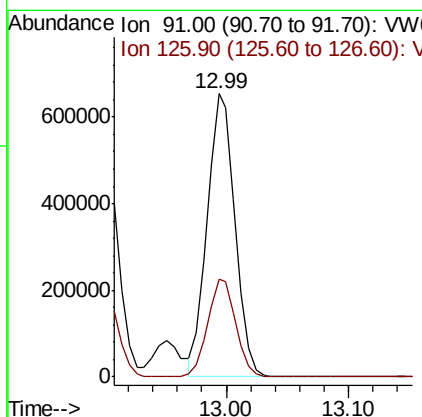
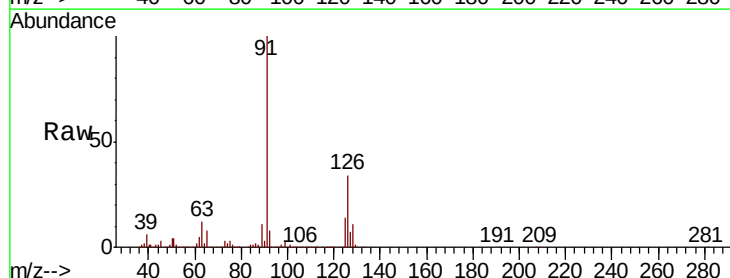
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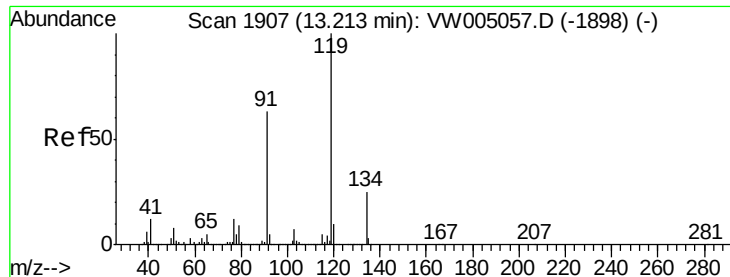
apatel
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#82
4-Chlorotoluene
Concen: 54.35 ug/l
RT: 12.99 min Scan# 1871
Delta R.T. 0.00 min
Lab File: VW005057.D
Acq: 01 Sep 2018 01:04

Tgt Ion	Ratio	Lower	Upper
91	100		
126	34.9	17.4	52.3





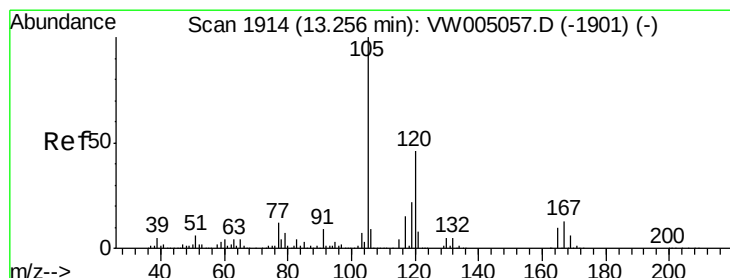
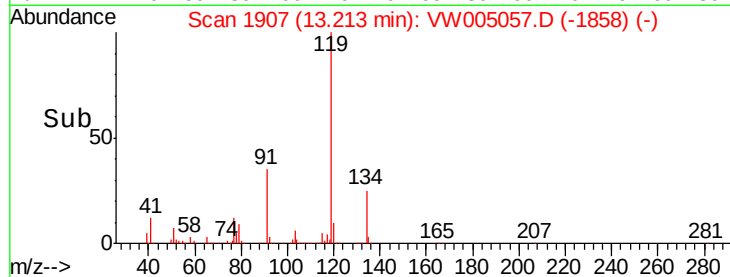
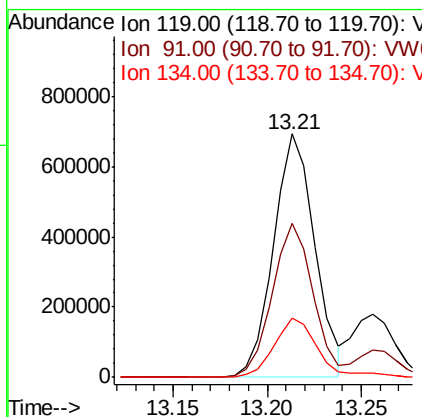
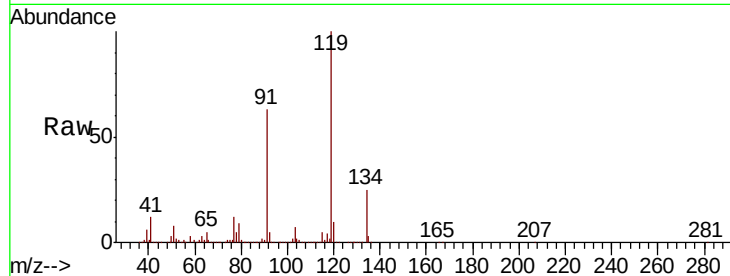
#83
 tert-Butylbenzene
 Concen: 56.58 ug/l
 RT: 13.21 min Scan# 1907
 Delta R.T. 0.00 min
 Lab File: VW005057.D
 Acq: 01 Sep 2018 01:04

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
119	100		
91	63.6	31.8	95.4
134	26.0	13.0	39.0

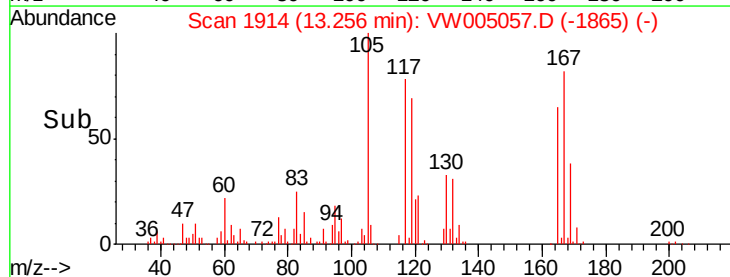
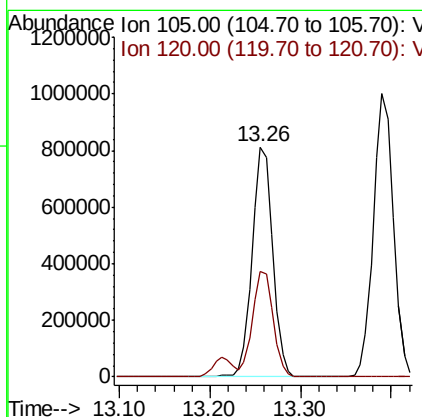
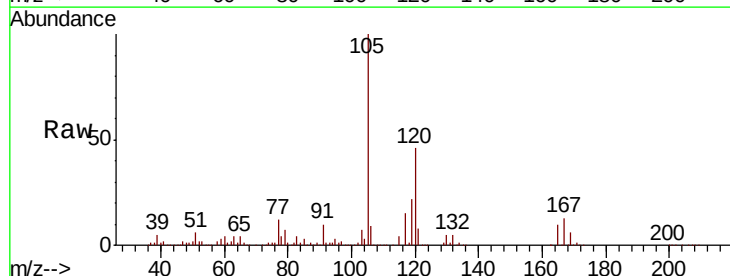
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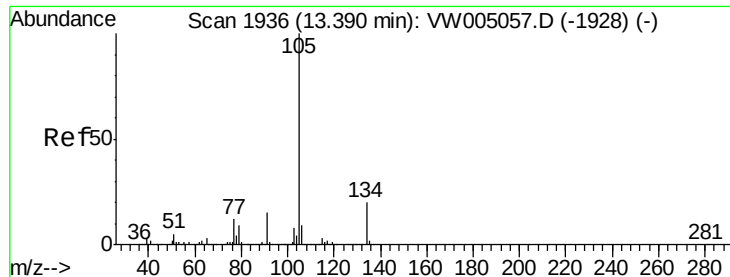
apatel
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#84
 1,2,4-Trimethylbenzene
 Concen: 56.83 ug/l
 RT: 13.26 min Scan# 1914
 Delta R.T. 0.00 min
 Lab File: VW005057.D
 Acq: 01 Sep 2018 01:04

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.2	23.1	69.3





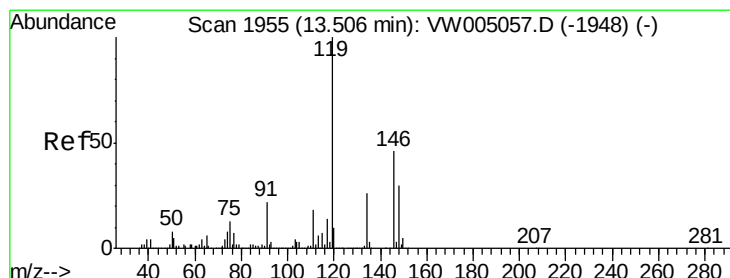
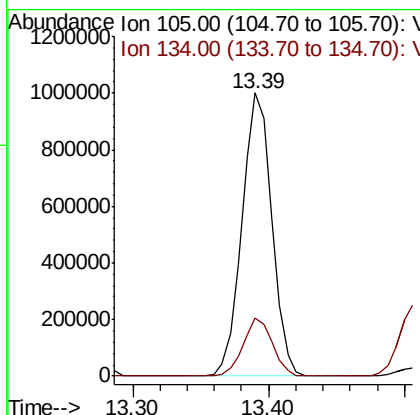
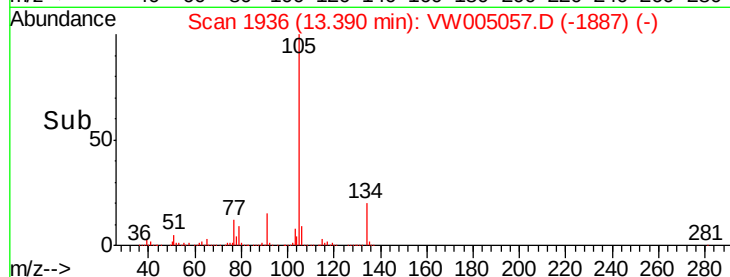
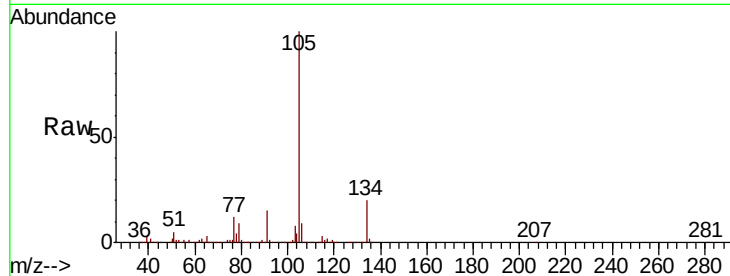
#85
 sec-Butylbenzene
 Concen: 56.13 ug/l
 RT: 13.39 min Scan# 1936
 Delta R.T. 0.00 min
 Lab File: VW005057.D
 Acq: 01 Sep 2018 01:04

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Tot Ion:105 Resp: 1532291
 Ion Ratio Lower Upper
 105 100
 134 20.2 10.1 30.3

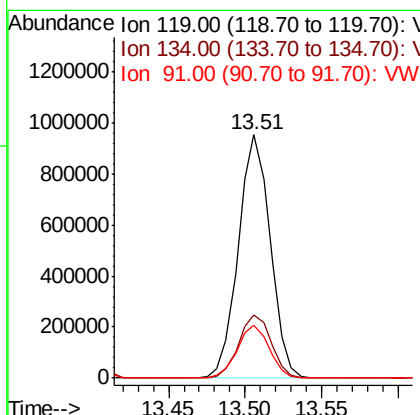
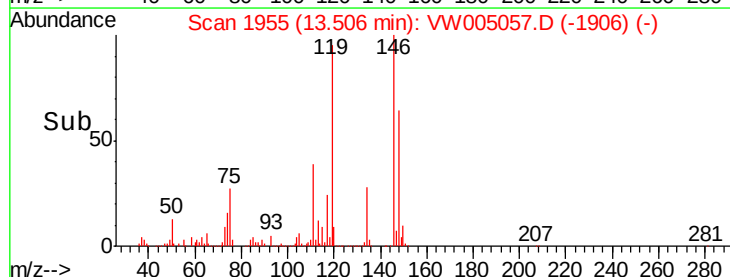
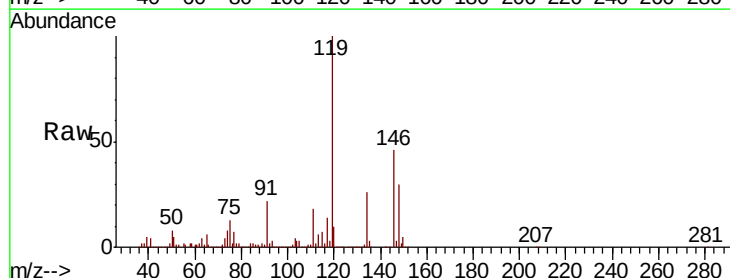
Manual Integrations
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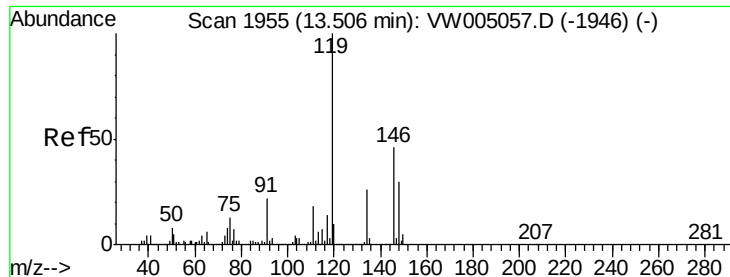
apatel
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#86
 p-Isopropyltoluene
 Concen: 56.36 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. 0.00 min
 Lab File: VW005057.D
 Acq: 01 Sep 2018 01:04

Tgt Ion:119 Resp: 1376833
 Ion Ratio Lower Upper
 119 100
 134 26.5 13.3 39.8
 91 21.9 10.9 32.9





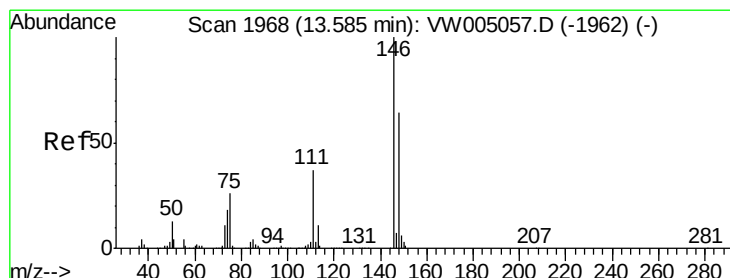
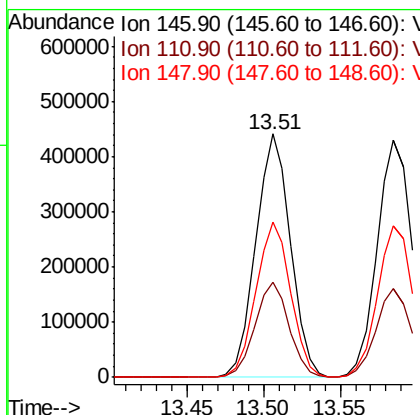
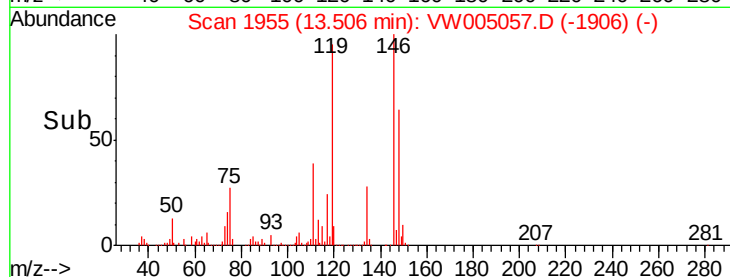
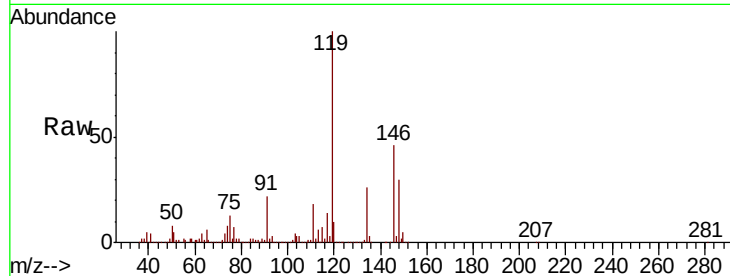
#87
 1,3-Dichlorobenzene
 Concen: 53.50 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. 0.00 min
 Lab File: VW005057.D
 Acq: 01 Sep 2018 01:04

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.4	19.2	57.6
148	63.8	31.9	95.7

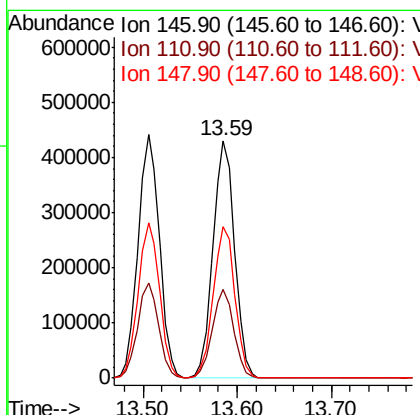
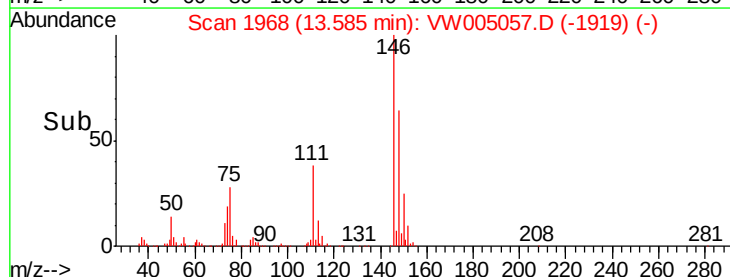
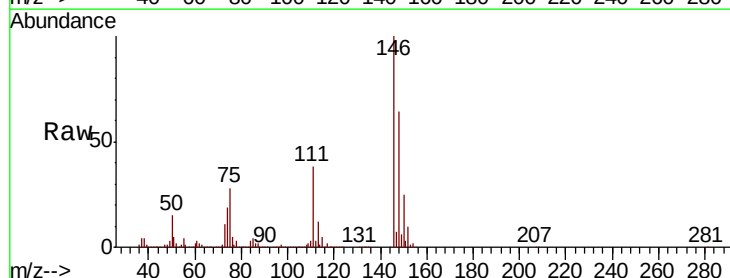
Manual Integrations
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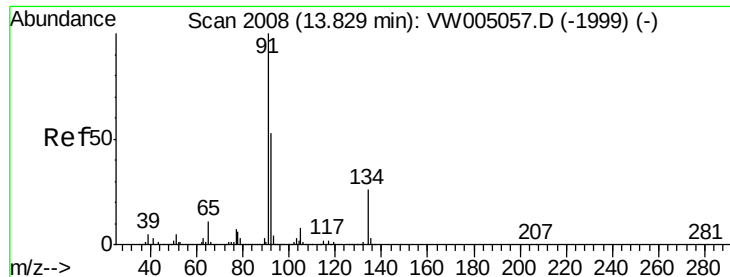
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#88
 1,4-Dichlorobenzene
 Concen: 53.03 ug/l
 RT: 13.59 min Scan# 1968
 Delta R.T. 0.00 min
 Lab File: VW005057.D
 Acq: 01 Sep 2018 01:04

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.3	18.6	56.0
148	64.0	32.0	96.0





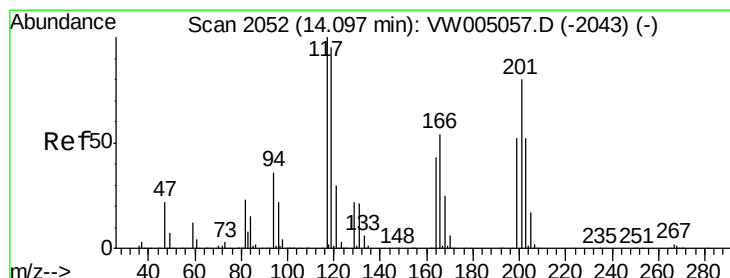
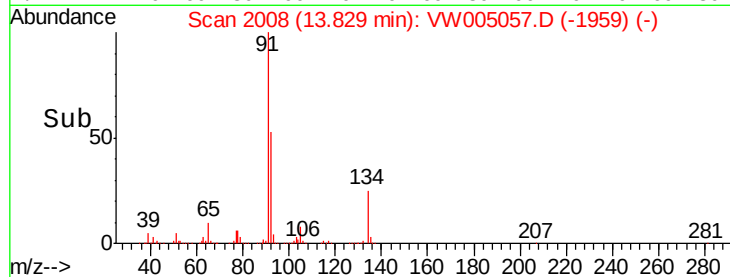
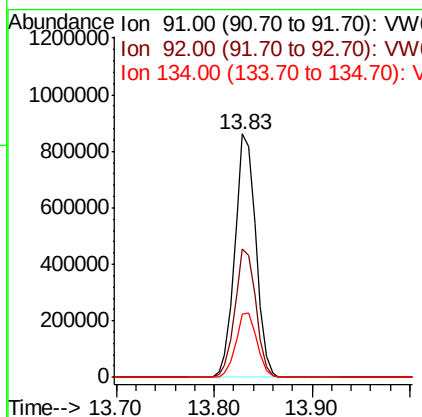
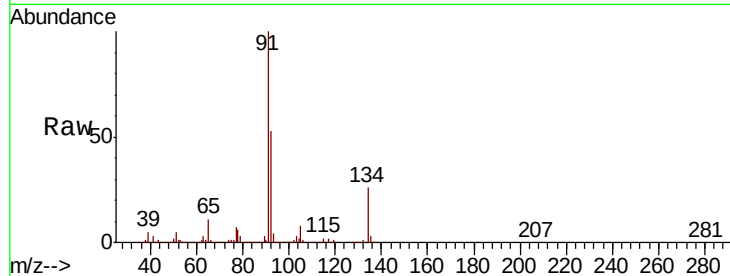
#89
n-Butylbenzene
Concen: 55.74 ug/l
RT: 13.83 min Scan# 2008
Delta R.T. 0.00 min
Lab File: VW005057.D
Acq: 01 Sep 2018 01:04

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.0	26.5	79.5
134	26.9	13.5	40.4

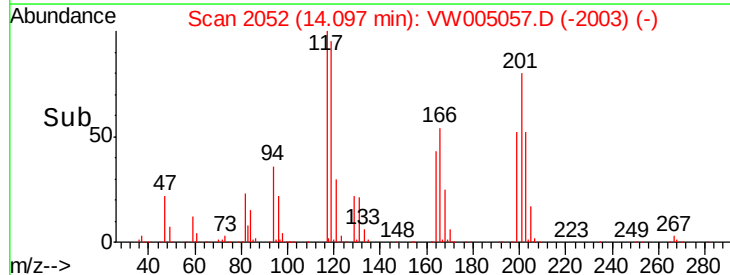
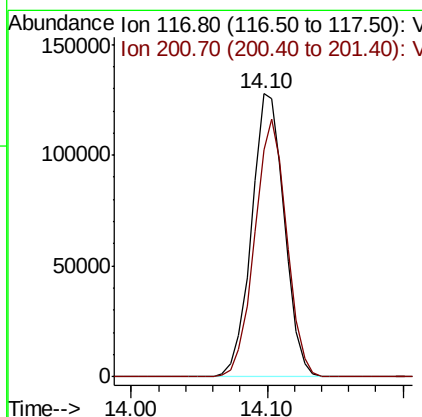
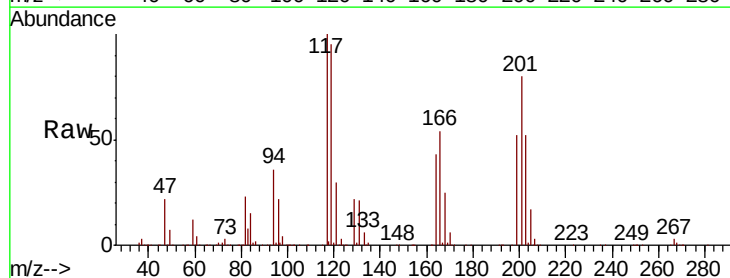
Manual Integrations
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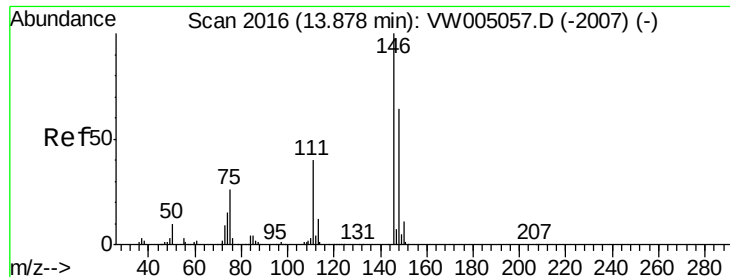
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#90
Hexachloroethane
Concen: 55.82 ug/l
RT: 14.10 min Scan# 2052
Delta R.T. 0.00 min
Lab File: VW005057.D
Acq: 01 Sep 2018 01:04

Tgt Ion	Ratio	Lower	Upper
117	100		
201	89.2	44.6	133.8





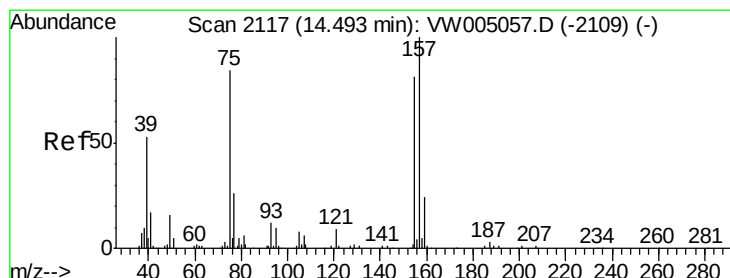
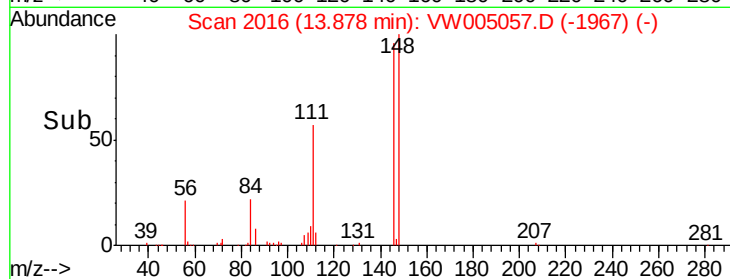
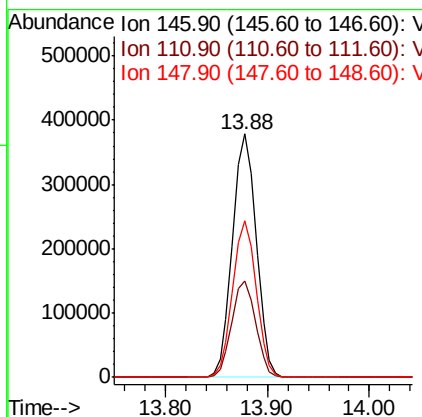
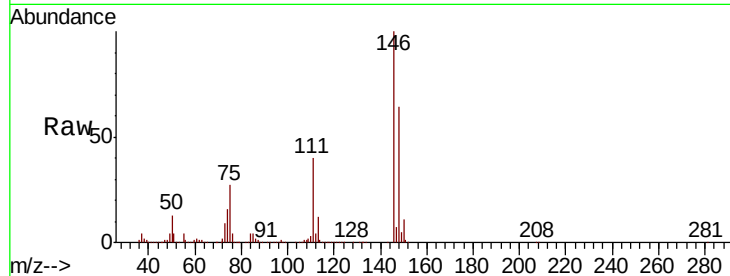
#91
 1,2-Dichlorobenzene
 Concen: 53.26 ug/l
 RT: 13.88 min Scan# 2016
 Delta R.T. 0.00 min
 Lab File: VW005057.D
 Acq: 01 Sep 2018 01:04

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Tot Ion:	146	Resp:	609727
Ion Ratio		Lower	Upper
146	100		
111	39.8	19.9	59.7
148	63.9	31.9	95.9

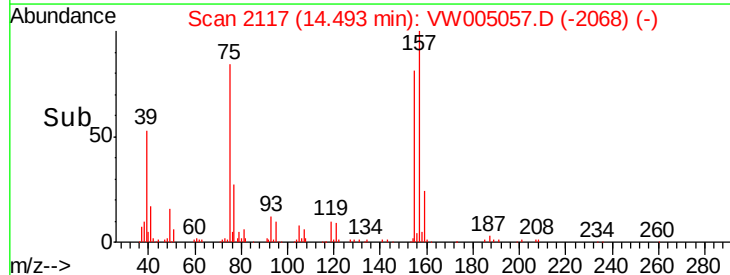
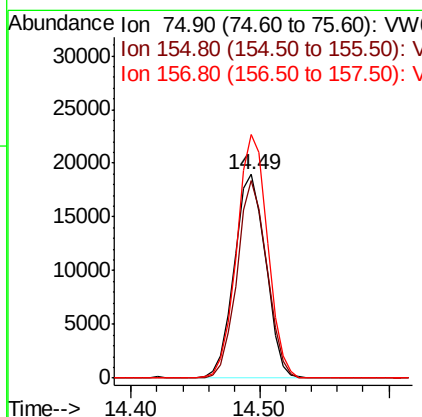
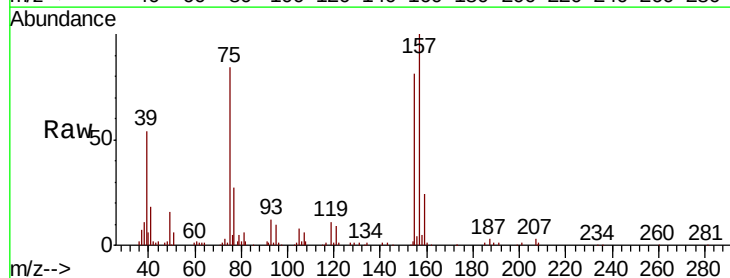
Manual Integrations
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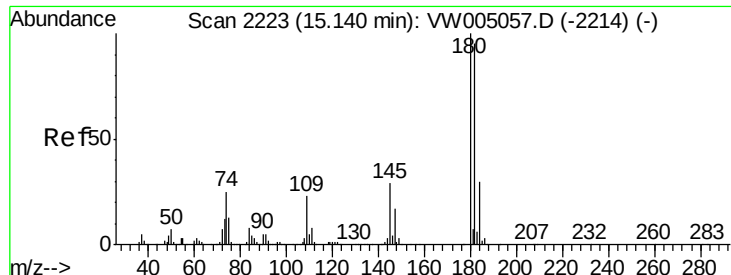
apatel
 9/4/2018 9:37:00 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 49.55 ug/l
 RT: 14.49 min Scan# 2117
 Delta R.T. 0.00 min
 Lab File: VW005057.D
 Acq: 01 Sep 2018 01:04

Tgt Ion:	75	Resp:	32103
Ion Ratio		Lower	Upper
75	100		
155	91.9	46.0	137.8
157	117.1	58.6	175.7





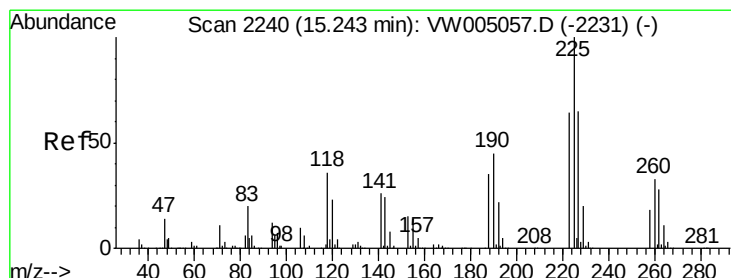
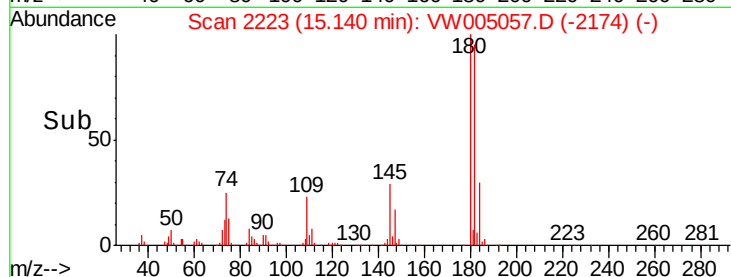
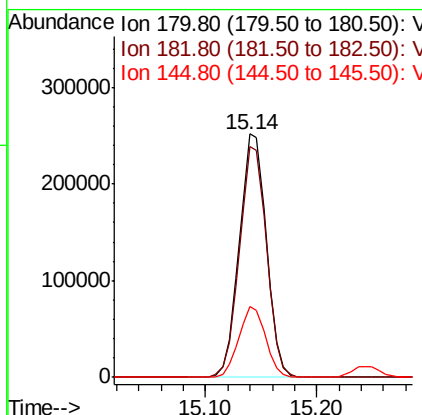
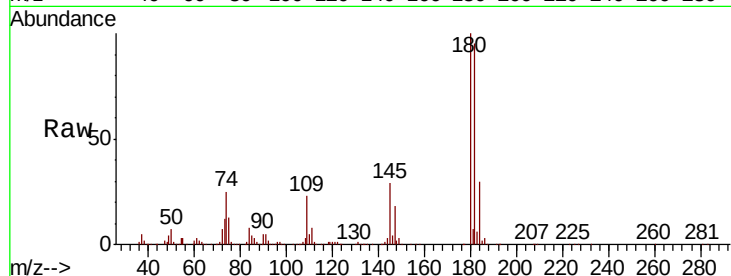
#93
 1,2,4-Trichlorobenzene
 Concen: 53.06 ug/l
 RT: 15.14 min Scan# 2223
 Delta R.T. 0.00 min
 Lab File: VW005057.D
 Acq: 01 Sep 2018 01:04

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	423259		
182	95.1	47.5	142.6	
145	28.8	14.4	43.2	

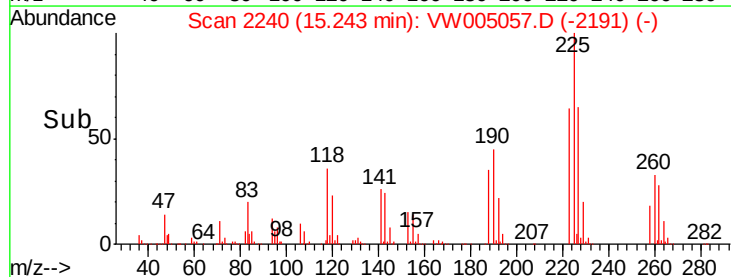
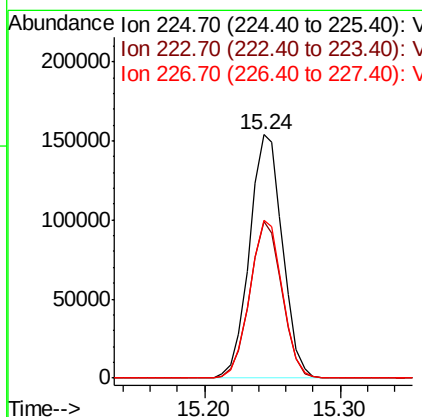
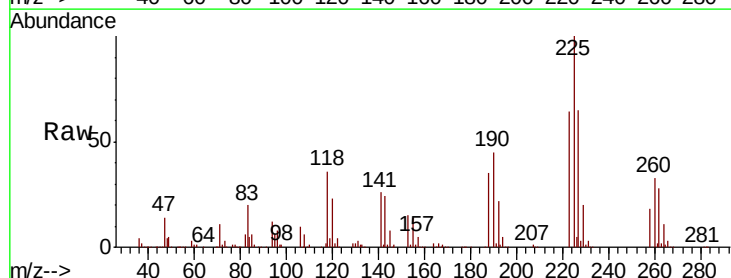
Manual Integrations
 APPROVED

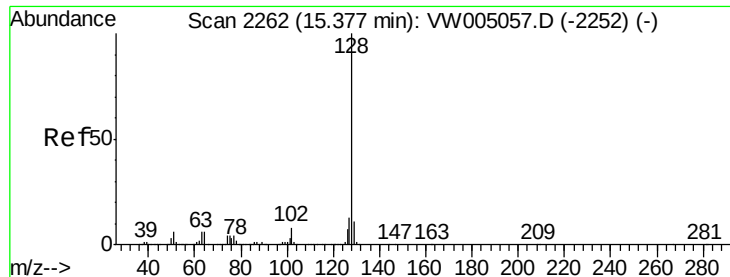
apatel
 9/4/2018 9:37:00 AM



#94
 Hexachlorobutadiene
 Concen: 52.28 ug/l
 RT: 15.24 min Scan# 2240
 Delta R.T. 0.00 min
 Lab File: VW005057.D
 Acq: 01 Sep 2018 01:04

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	260685		
223	62.9	31.4	94.3	
227	64.0	32.0	96.0	





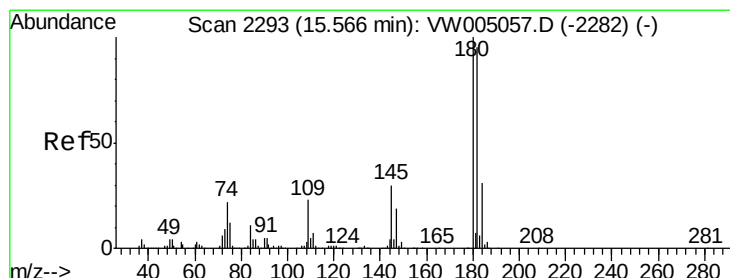
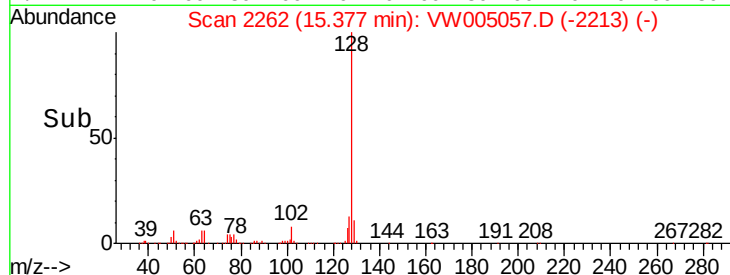
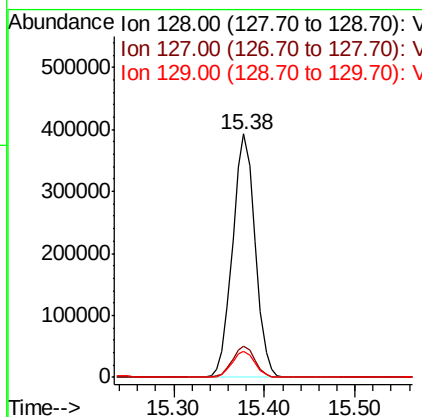
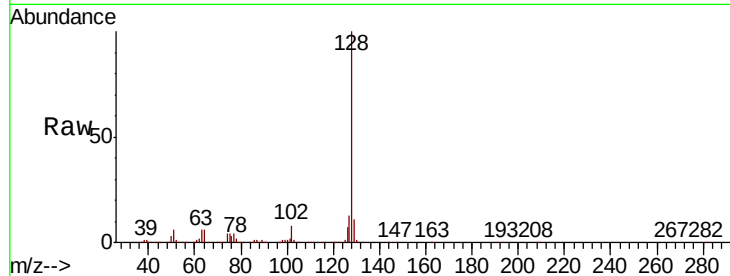
#95
Naphthalene
Concen: 52.25 ug/l
RT: 15.38 min Scan# 2262
Delta R.T. 0.00 min
Lab File: VW005057.D
Acq: 01 Sep 2018 01:04

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
128	100	678528		
127	13.0		10.4	15.6
129	10.9		8.7	13.1

Manual Integrations
APPROVED

apatel
9/4/2018 9:37:00 AM



#96
1,2,3-Trichlorobenzene
Concen: 51.58 ug/l
RT: 15.57 min Scan# 2293
Delta R.T. 0.00 min
Lab File: VW005057.D
Acq: 01 Sep 2018 01:04

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	361960		
182	94.9		47.4	142.3
145	30.7		15.4	46.1

