

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW071218\
 Data File : VW003900.D
 Acq On : 12 Jul 2018 16:40
 Operator : SY/AP
 Sample : VW0712SBSD01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0712SBSD01

Manual Integrations
 APPROVED

apatel
 7/13/2018 9:31:27 AM

Quant Time: Jul 12 18:24:22 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W070718S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 07 05:07:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	227936	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	349438	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	319919	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	172817	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	128861	43.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.46%	
35) Dibromofluoromethane	7.88	113	115033	47.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.08%	
50) Toluene-d8	10.33	98	457744	48.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.86%	
62) 4-Bromofluorobenzene	12.62	95	163158	48.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.40%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	2.00	85	20922	18.874	ug/l	95
3) Chloromethane	2.21	50	42837	20.355	ug/l	95
4) Vinyl Chloride	2.36	62	58064	20.918	ug/l	99
5) Bromomethane	2.78	94	37527	19.152	ug/l	98
6) Chloroethane	2.92	64	35429	21.283	ug/l	98
7) Trichlorofluoromethane	3.25	101	28407	25.333	ug/l	99
8) Diethyl Ether	3.68	74	18871	16.421	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.06	101	50942	23.360	ug/l	99
10) Methyl Iodide	4.26	142	71631	22.068	ug/l	99
11) Tert butyl alcohol	5.23	59	14512	89.837	ug/l #	86
12) 1,1-Dichloroethene	4.03	96	50054	23.377	ug/l	96
13) Acrolein	3.90	56	17150	70.894	ug/l	99
14) Allyl chloride	4.66	41	85882	23.070	ug/l	99
15) Acrylonitrile	5.38	53	54813	95.247	ug/l	99
16) Acetone	4.14	43	56628	109.499	ug/l	99
17) Carbon Disulfide	4.37	76	160536	22.869	ug/l	99
18) Methyl Acetate	4.68	43	25357	17.391	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	86529	19.557	ug/l	97
20) Methylene Chloride	4.90	84	62906	22.553	ug/l	96
21) trans-1,2-Dichloroethene	5.41	96	54268	21.408	ug/l	97
22) Diisopropyl ether	6.31	45	168512	20.590	ug/l	97
23) Vinyl Acetate	6.26	43	487026	97.483	ug/l	100
24) 1,1-Dichloroethane	6.21	63	101988	20.604	ug/l	99
25) 2-Butanone	7.18	43	75225	92.870	ug/l	98
26) 2,2-Dichloropropane	7.17	77	64208	23.915	ug/l	98
27) cis-1,2-Dichloroethene	7.17	96	56727	20.237	ug/l	99
28) Bromochloromethane	7.51	49	42288	19.178	ug/l	99
29) Tetrahydrofuran	7.54	42	45690	87.747	ug/l	98
30) Chloroform	7.68	83	101348	20.071	ug/l	99
31) Cyclohexane	7.96	56	94560	21.739	ug/l	98
32) 1,1,1-Trichloroethane	7.87	97	81921	21.317	ug/l	98
36) 1,1-Dichloropropene	8.09	75	83508	22.523	ug/l	99
37) Ethyl Acetate	7.26	43	33953	18.820	ug/l	98
38) Carbon Tetrachloride	8.07	117	80007	22.695	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	96042	23.651	ug/l	99
40) Benzene	8.32	78	232126	21.899	ug/l	99
41) Methacrylonitrile	7.49	41	20389	19.647	ug/l	96
42) 1,2-Dichloroethane	8.40	62	69423	20.237	ug/l	100
43) Isopropyl Acetate	8.43	43	65009	19.013	ug/l	99
44) Trichloroethene	9.09	130	58610	21.933	ug/l	99
45) 1,2-Dichloropropane	9.37	63	58319	21.160	ug/l	99
46) Dibromomethane	9.46	93	29442	20.316	ug/l	97
47) Bromodichloromethane	9.65	83	73300	20.560	ug/l	100
48) Methyl methacrylate	9.44	41	30483	18.720	ug/l	100
49) 1,4-Dioxane	9.49	88	7947	366.913	ug/l #	98
51) 4-Methyl-2-Pentanone	10.21	43	165580	93.583	ug/l	100
52) Toluene	10.39	92	145672	22.163	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	73498	20.647	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	84893	21.126	ug/l	100
55) 1,1,2-Trichloroethane	10.79	97	40237	19.991	ug/l	95
56) Ethyl methacrylate	10.65	69	48179	19.615	ug/l	97
57) 1,3-Dichloropropane	10.94	76	70747	20.167	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	102427	88.199	ug/l	100
59) 2-Hexanone	10.98	43	118032	97.147	ug/l	98
60) Dibromochloromethane	11.13	129	45826	19.504	ug/l	99
61) 1,2-Dibromoethane	11.24	107	36911	19.176	ug/l	98
64) Tetrachloroethene	10.87	164	50871	21.497	ug/l	98
65) Chlorobenzene	11.66	112	152853	21.674	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	51843	21.036	ug/l	99
67) Ethyl Benzene	11.74	91	272042	22.559	ug/l	100
68) m/p-Xylenes	11.85	106	208459	45.142	ug/l	98
69) o-Xylene	12.17	106	95487	22.409	ug/l	99
70) Styrene	12.19	104	161329	22.265	ug/l	100
71) Bromoform	12.35	173	27482	20.206	ug/l #	99
73) Isopropylbenzene	12.47	105	272455	23.279	ug/l	100
74) N-amyl acetate	12.28	43	60971	19.219	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	47493	20.017	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	31941m	18.822	ug/l	
77) Bromobenzene	12.75	156	63157	21.737	ug/l	98
78) n-propylbenzene	12.81	91	344411	23.443	ug/l	99
79) 2-Chlorotoluene	12.90	91	195330	23.142	ug/l	98
80) 1,3,5-Trimethylbenzene	12.95	105	234692	23.266	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	14658	21.129	ug/l	97
82) 4-Chlorotoluene	12.99	91	205295	22.619	ug/l	100
83) tert-Butylbenzene	13.21	119	193606	23.273	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	240319	22.933	ug/l	98
85) sec-Butylbenzene	13.39	105	295246	23.725	ug/l	99
86) p-Isopropyltoluene	13.51	119	254898	23.440	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	128995	21.913	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	129561	21.887	ug/l	99
89) n-Butylbenzene	13.83	91	251745	23.535	ug/l	99
90) Hexachloroethane	14.10	117	45523	21.733	ug/l	100
91) 1,2-Dichlorobenzene	13.88	146	115324	21.766	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.49	75	7716	18.788	ug/l	100

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QLast Update : Sat Jul 07 05:07:25 2018
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	77659	21.654	ug/l	99
94) Hexachlorobutadiene	15.25	225	46816	22.821	ug/l	97
95) Naphthalene	15.38	128	127791	19.937	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	69142	21.531	ug/l	99

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

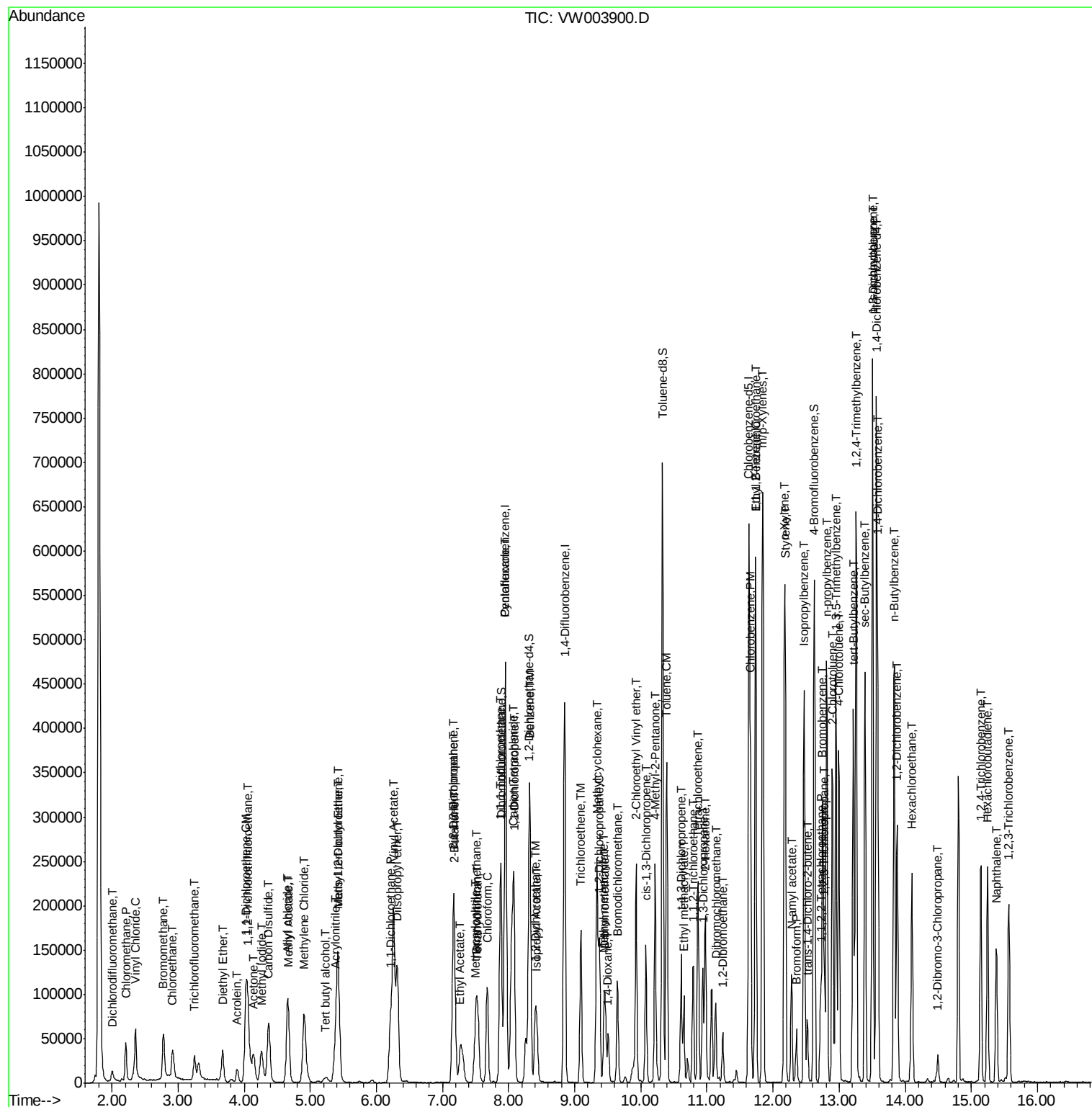
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Data File : VW003900.D
Acq On : 12 Jul 2018 16:40
Operator : SY/AP
Sample : VW0712SBSD01
Misc : 5.00G/5ML/MSVOA W/SOIL
ALS Vial : 7 Sample Multiplier: 1

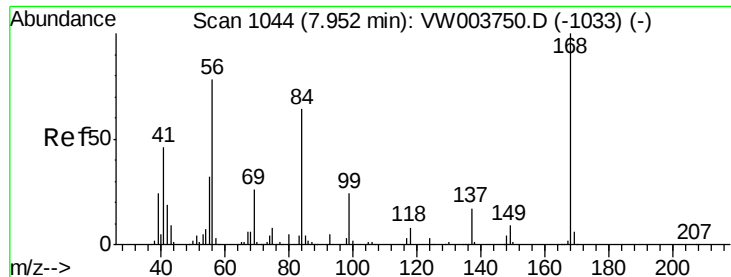
Instrument :
MSVOA_W
ClientSampleId :
VW0712SBSD01

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.00 min

Lab File: VW003900.D

Acq: 12 Jul 2018 16:40

Instrument :

MSVOA_W

ClientSampleId :

VW0712SBSD01

Tot Ion:168 Resp: 227936

Ion Ratio Lower Upper

168 100

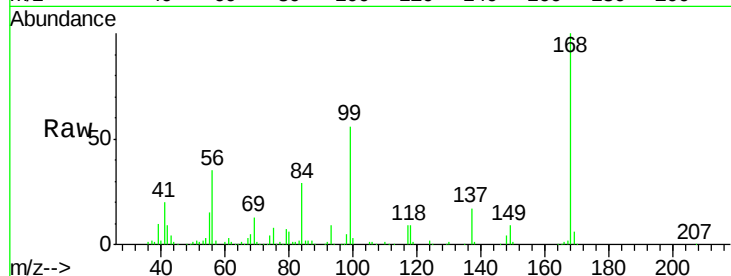
99 56.1 45.0 67.6

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

120000

100000

80000

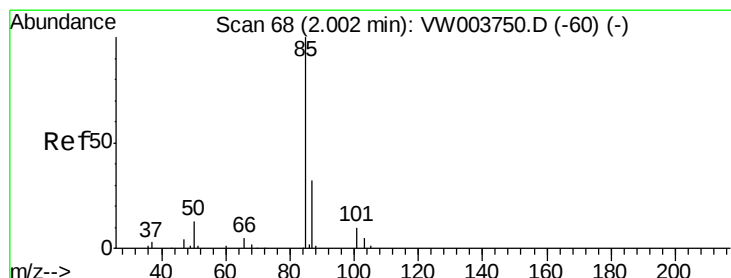
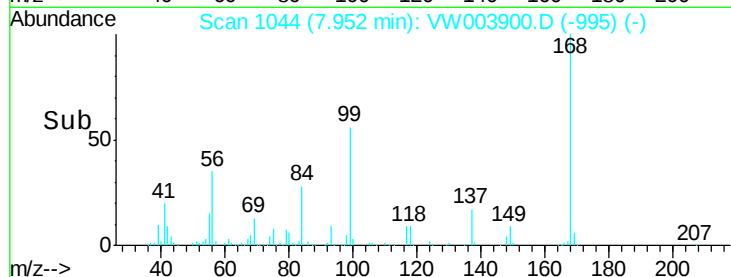
60000

40000

20000

0

Time--> 7.80 7.90 8.00



#2

Dichlorodifluoromethane

Concen: 18.874 ug/l

RT: 2.00 min Scan# 68

Delta R.T. -0.00 min

Lab File: VW003900.D

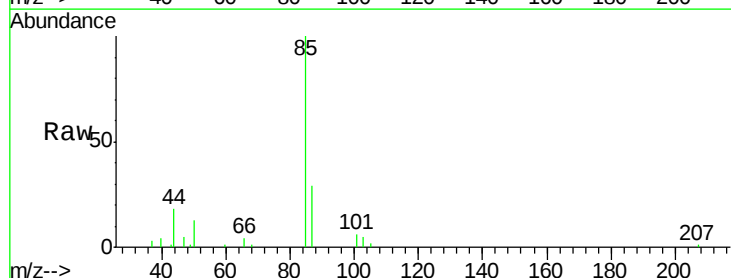
Acq: 12 Jul 2018 16:40

Tgt Ion: 85 Resp: 20922

Ion Ratio Lower Upper

85 100

87 29.5 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.00

8000

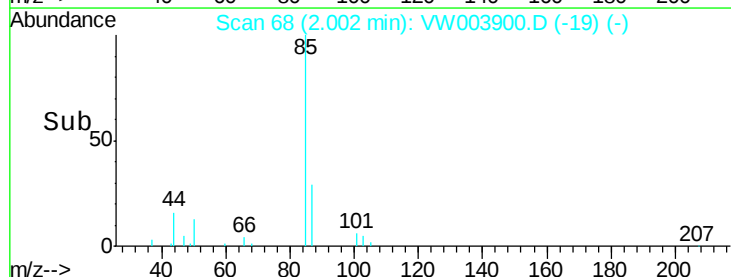
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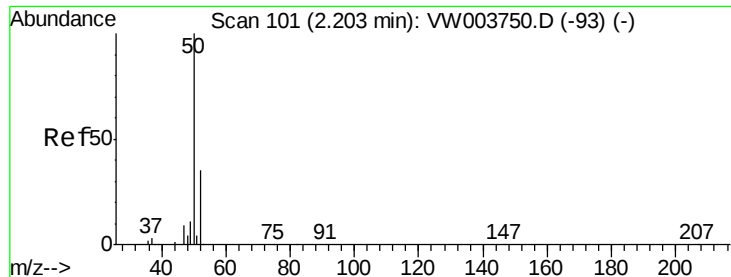
4000

2000

0

Time--> 1.90 2.00 2.10





#3

Chloromethane

Concen: 20.355 ug/l

RT: 2.21 min Scan# 102

Delta R.T. 0.01 min

Lab File: VW003900.D

Acq: 12 Jul 2018 16:40

Instrument :

MSVOA_W

ClientSampleId :

VW0712SBSD01

Tot Ion: 50 Resp: 42837

Ion Ratio Lower Upper

50 100

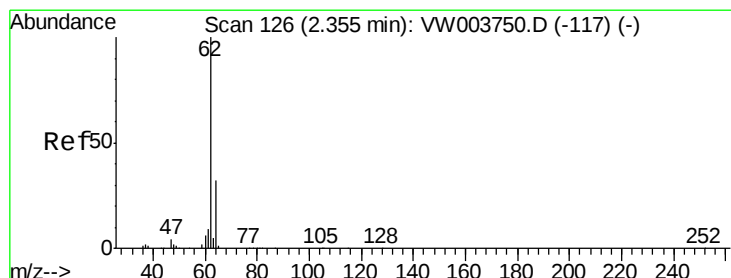
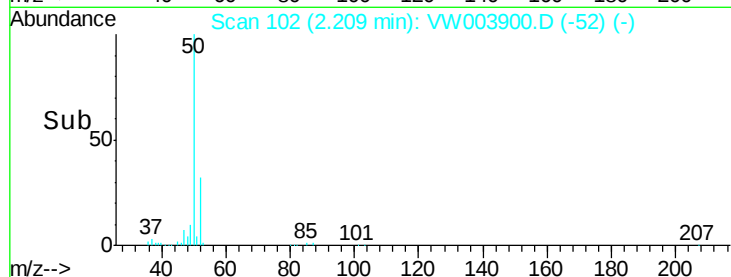
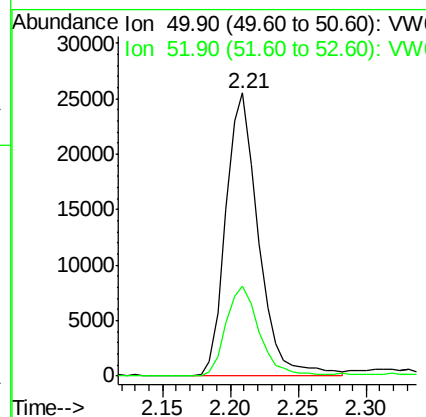
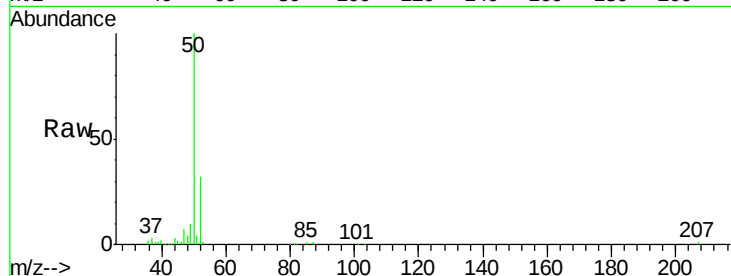
52 32.0 27.8 41.6

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#4

Vinyl Chloride

Concen: 20.918 ug/l

RT: 2.36 min Scan# 126

Delta R.T. -0.00 min

Lab File: VW003900.D

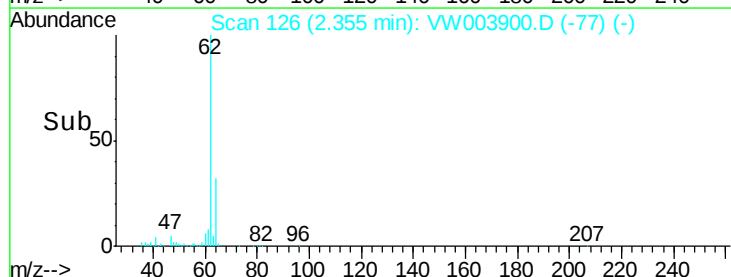
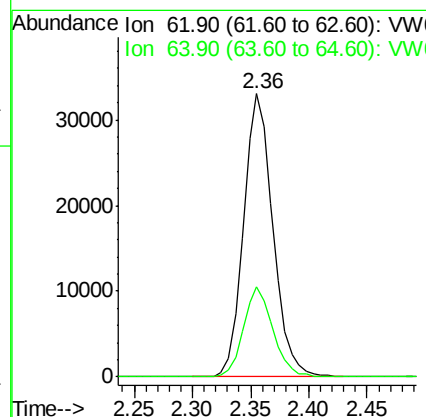
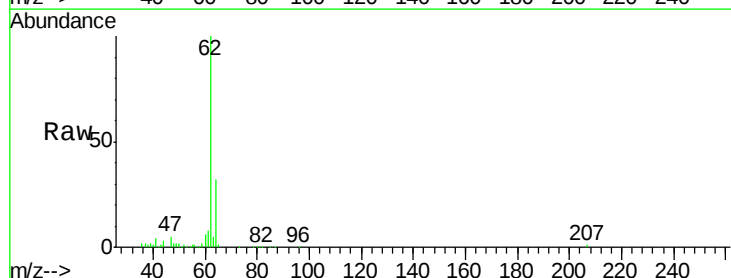
Acq: 12 Jul 2018 16:40

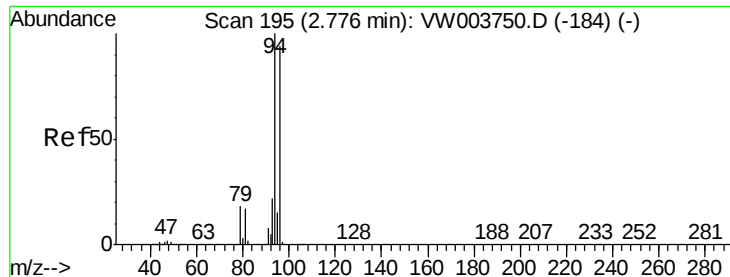
Tgt Ion: 62 Resp: 58064

Ion Ratio Lower Upper

62 100

64 32.0 25.8 38.8





#5

Bromomethane

Concen: 19.152 ug/l

RT: 2.78 min Scan# 195

Delta R.T. -0.00 min

Lab File: VW003900.D

Acq: 12 Jul 2018 16:40

Instrument :

MSVOA_W

ClientSampleId :

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Tot Ion: 94 Resp: 37527

Ion Ratio Lower Upper

94 100

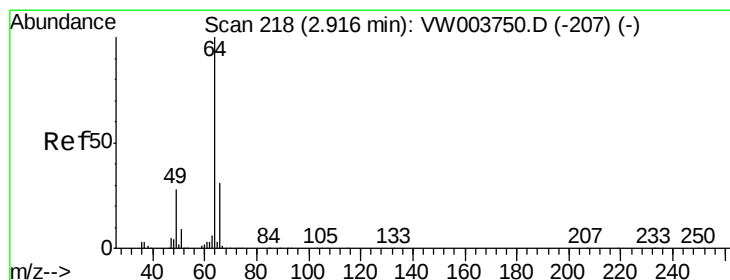
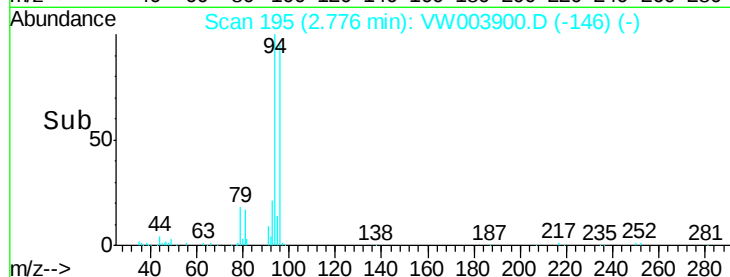
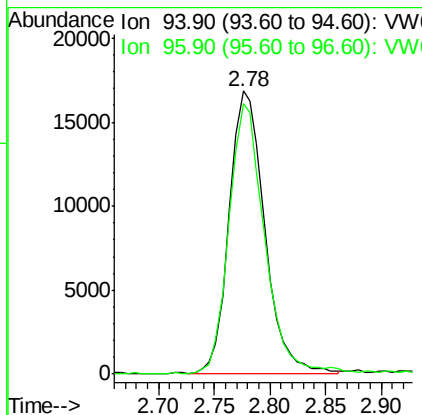
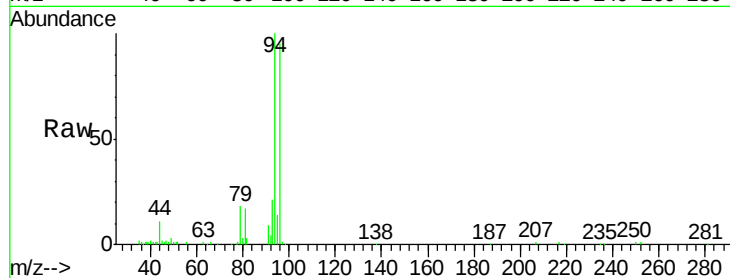
96 95.4 74.8 112.2

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#6

Chloroethane

Concen: 21.283 ug/l

RT: 2.92 min Scan# 218

Delta R.T. -0.00 min

Lab File: VW003900.D

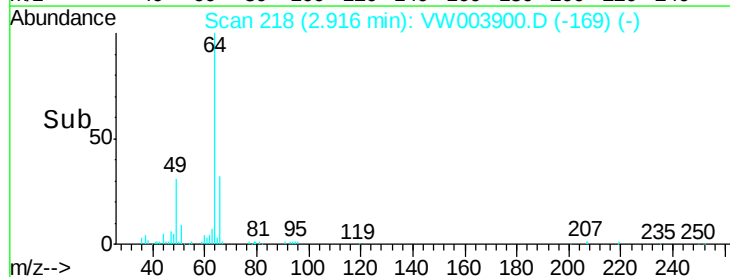
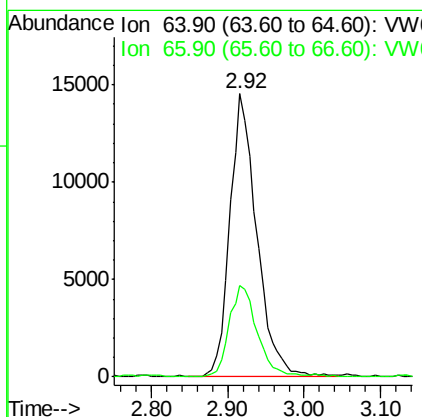
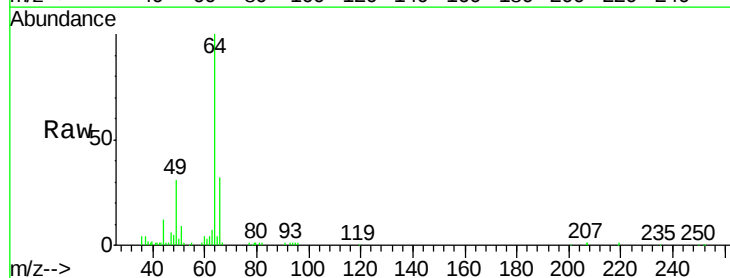
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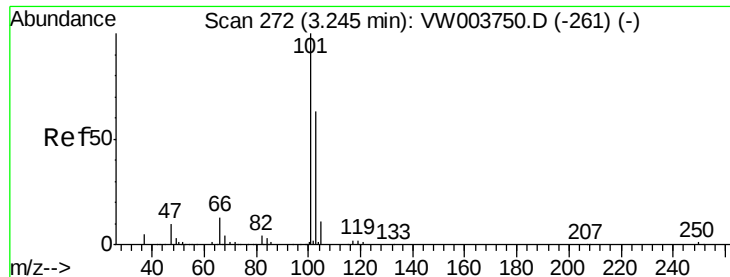
Tgt Ion: 64 Resp: 35429

Ion Ratio Lower Upper

64 100

66 32.4 25.1 37.7





#7

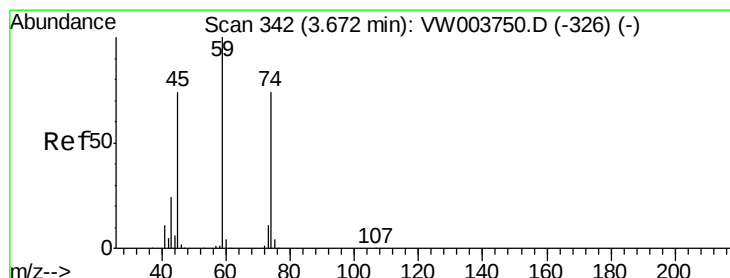
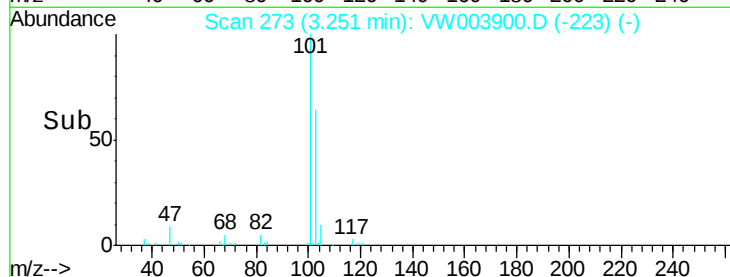
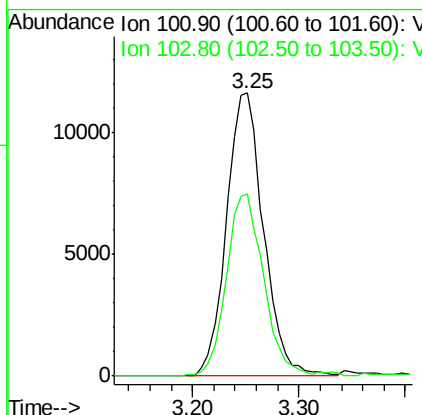
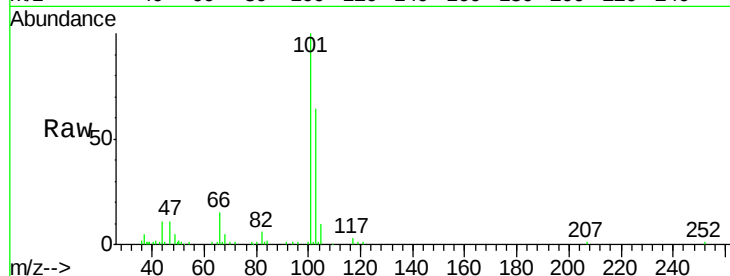
Trichlorofluoromethane
Concen: 25.333 ug/l
RT: 3.25 min Scan# 273
Delta R.T. 0.01 min
Lab File: VW003900.D
Acq: 12 Jul 2018 16:40

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ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
101	100		
103	63.9	50.7	76.1

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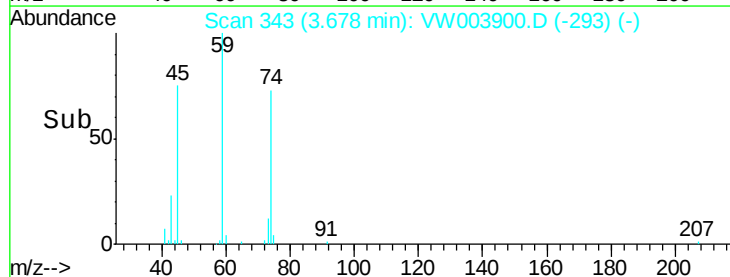
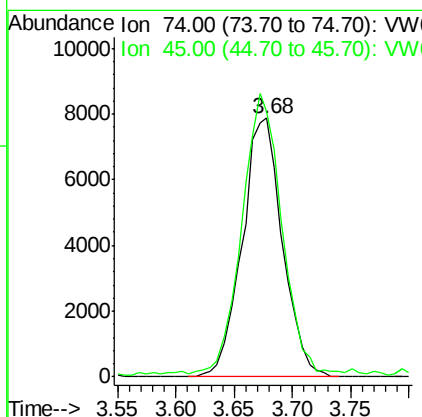
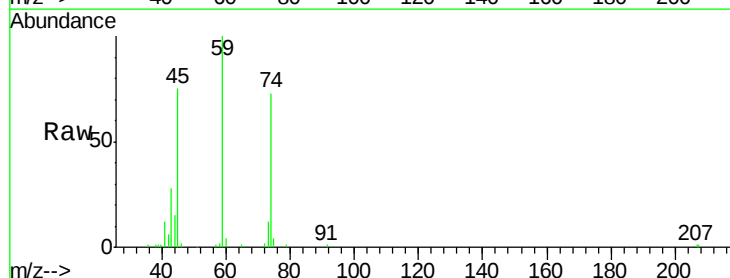
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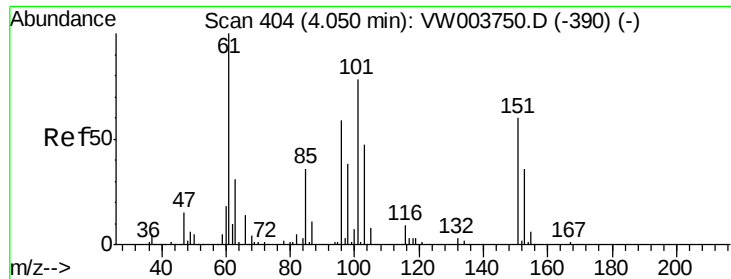


#8

Diethyl Ether
Concen: 16.421 ug/l
RT: 3.68 min Scan# 343
Delta R.T. 0.01 min
Lab File: VW003900.D
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Tgt Ion	Ratio	Lower	Upper
74	100		
45	107.3	52.4	157.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 23.360 ug/l

RT: 4.06 min Scan# 405

Delta R.T. 0.01 min

Lab File: VW003900.D

Acq: 12 Jul 2018 16:40

Instrument :

MSVOA_W

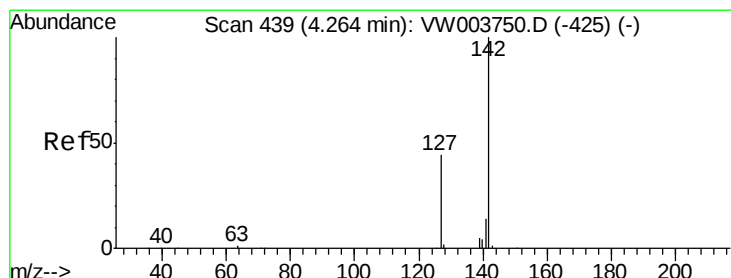
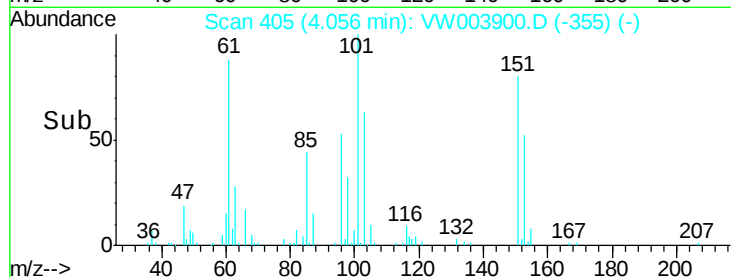
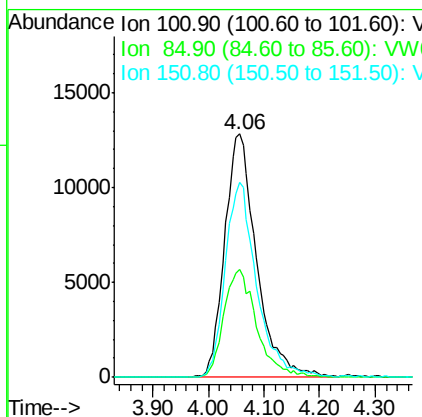
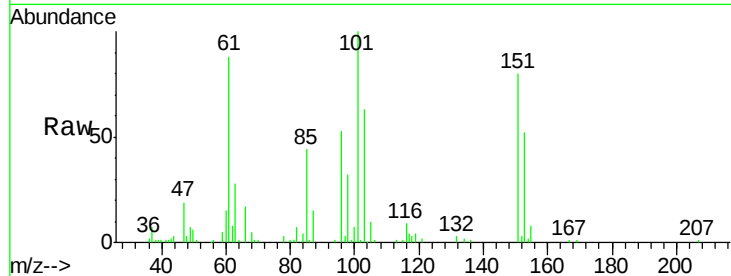
ClientSampleId :

VW0712SBSD01

Tot Ion:	101	Resp:	50942
Ion Ratio	Lower	Upper	
101	100		
85	45.6	37.1	55.7
151	78.7	62.3	93.5

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#10

Methyl Iodide

Concen: 22.068 ug/l

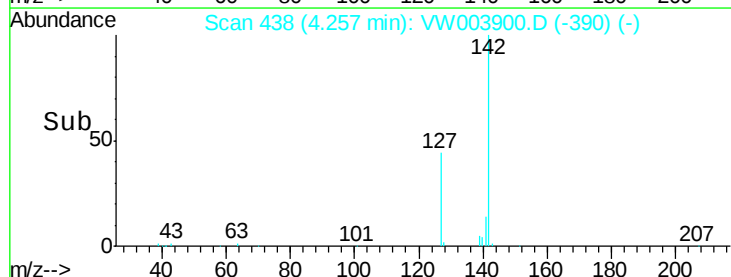
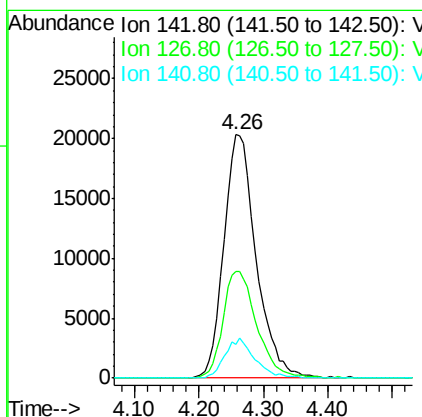
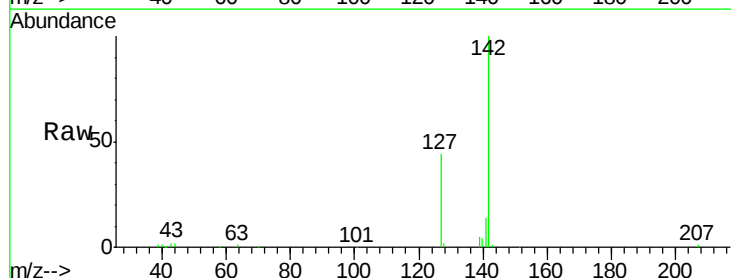
RT: 4.26 min Scan# 438

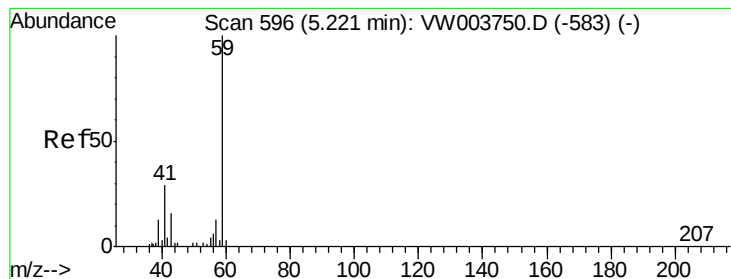
Delta R.T. -0.01 min

Lab File: VW003900.D

Acq: 12 Jul 2018 16:40

Tgt Ion:	142	Resp:	71631
Ion Ratio	Lower	Upper	
142	100		
127	45.5	36.1	54.1
141	15.2	11.6	17.4





#11

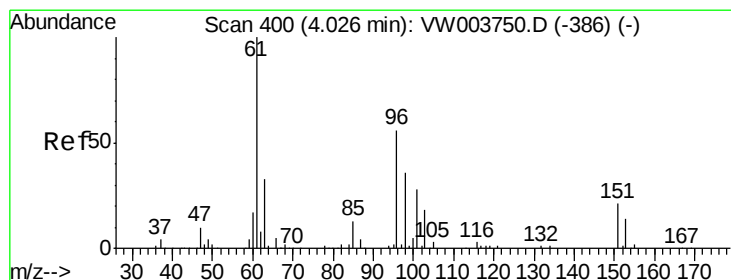
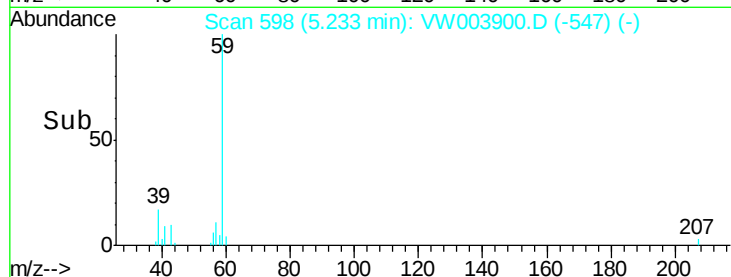
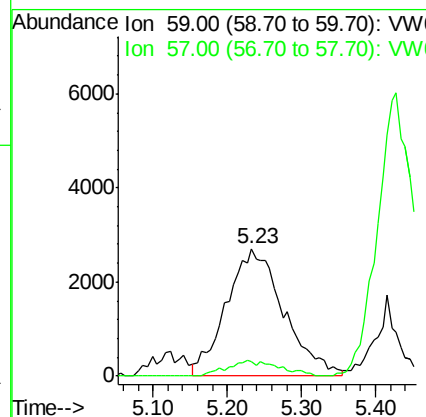
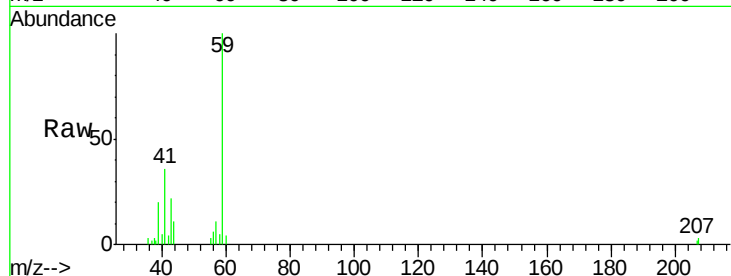
Tert butyl alcohol
Concen: 89.837 ug/l
RT: 5.23 min Scan# 598
Delta R.T. 0.01 min
Lab File: VW003900.D
Acq: 12 Jul 2018 16:40

Instrument :
MSVOA_W
ClientSampleId :
VW0712SBSD01

Tot Ion	Ratio	Lower	Upper
59	100		
57	6.1	9.3	13.9#

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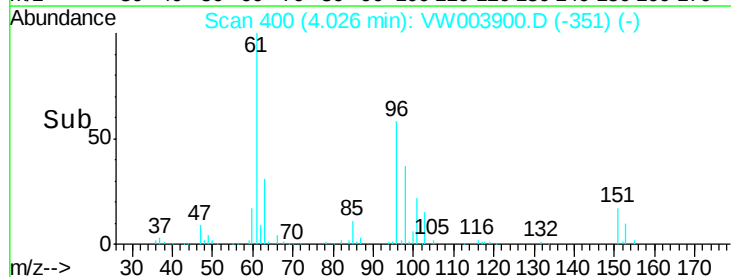
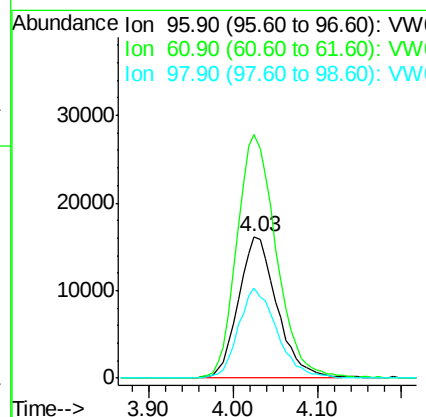
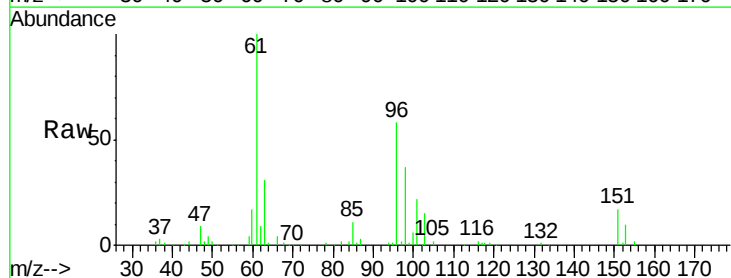
apatel
7/13/2018 9:31:27 AM

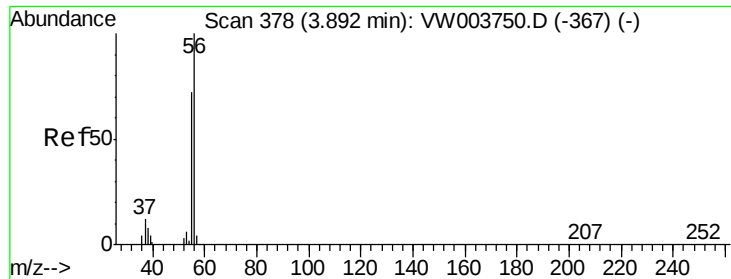


#12

1,1-Dichloroethene
Concen: 23.377 ug/l
RT: 4.03 min Scan# 400
Delta R.T. -0.00 min
Lab File: VW003900.D
Acq: 12 Jul 2018 16:40

Tgt Ion	Ratio	Lower	Upper
96	100		
61	171.7	143.2	214.8
98	63.9	51.4	77.0





#13

Acrolein

Concen: 70.894 ug/l

RT: 3.90 min Scan# 379

Delta R.T. 0.01 min

Lab File: VW003900.D

Acq: 12 Jul 2018 16:40

Instrument :

MSVOA_W

ClientSampleId :

VW0712SBSD01

Tot Ion: 56 Resp: 17150

Ion Ratio Lower Upper

56 100

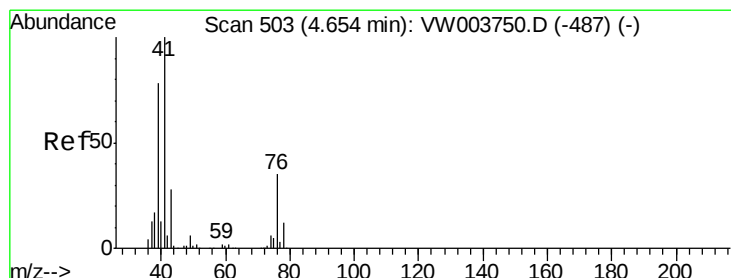
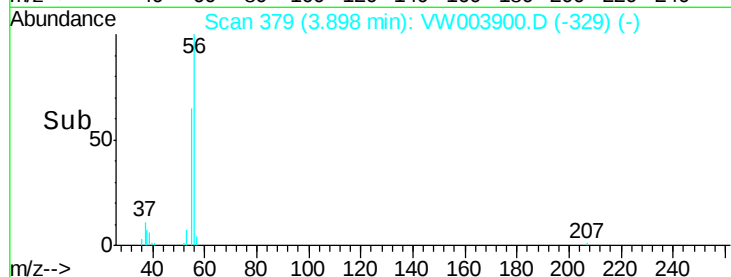
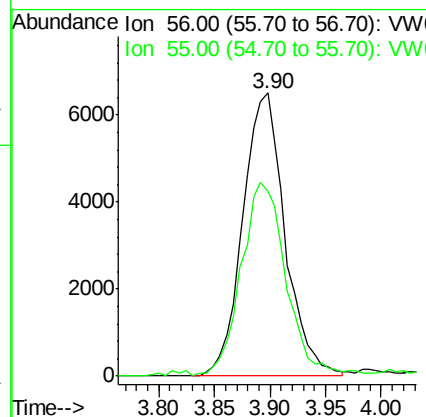
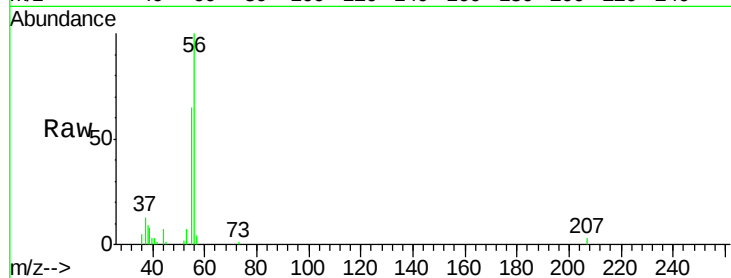
55 73.1 57.5 86.3

Manual Integrations

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#14

Allyl chloride

Concen: 23.070 ug/l

RT: 4.66 min Scan# 504

Delta R.T. 0.01 min

Lab File: VW003900.D

Acq: 12 Jul 2018 16:40

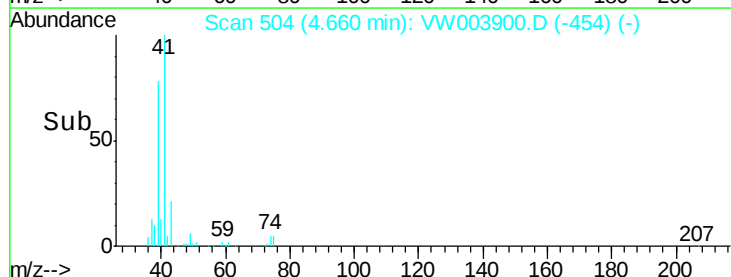
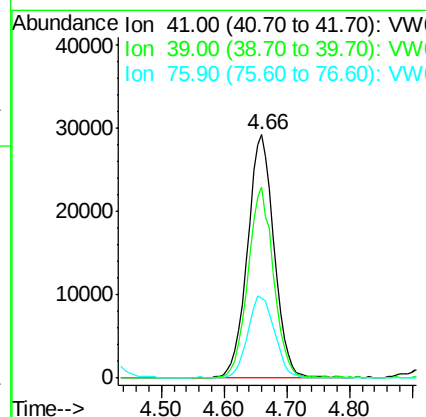
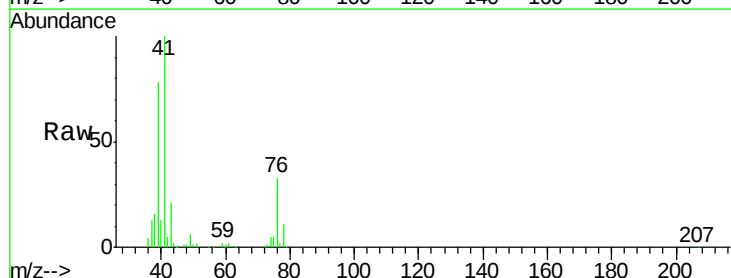
Tgt Ion: 41 Resp: 85882

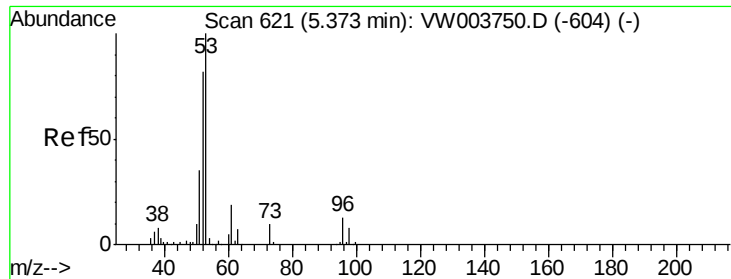
Ion Ratio Lower Upper

41 100

39 75.4 60.9 91.3

76 34.0 27.5 41.3





#15

Acrylonitrile

Concen: 95.247 ug/l

RT: 5.38 min Scan# 622

Delta R.T. 0.01 min

Lab File: VW003900.D

Acq: 12 Jul 2018 16:40

Instrument :

MSVOA_W

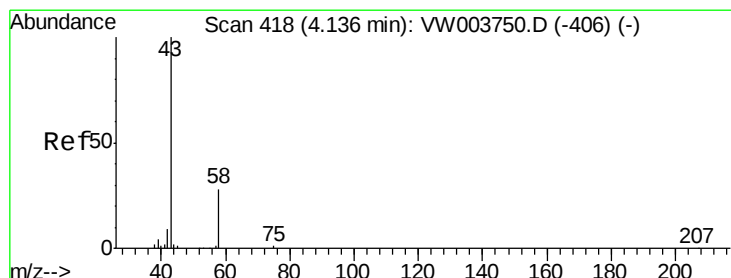
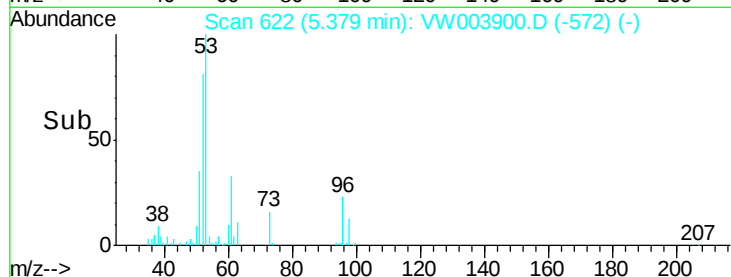
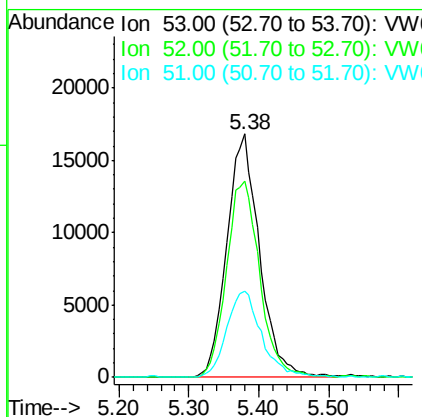
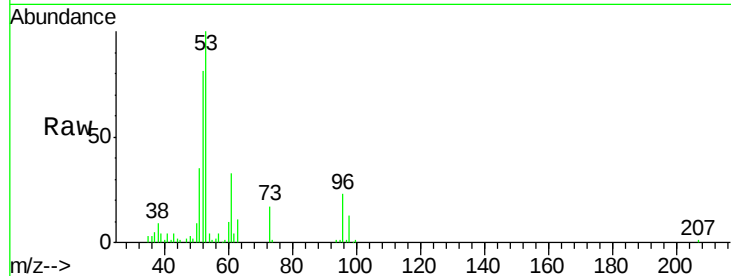
ClientSampleId :

VW0712SBSD01

Tot Ion:	53	Resp:	54813
Ion	Ratio	Lower	Upper
53	100		
52	81.6	66.2	99.2
51	37.7	30.2	45.4

Manual Integrations
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#16

Acetone

Concen: 109.499 ug/l

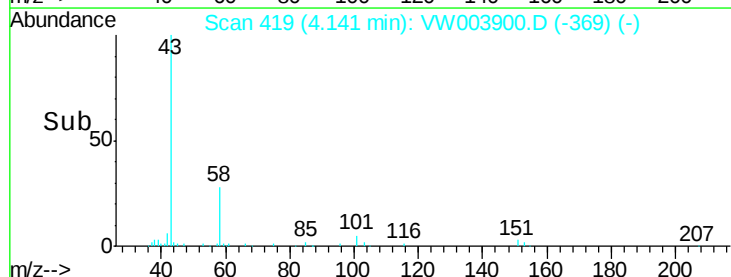
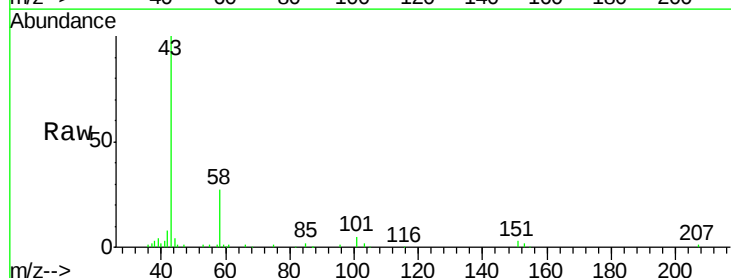
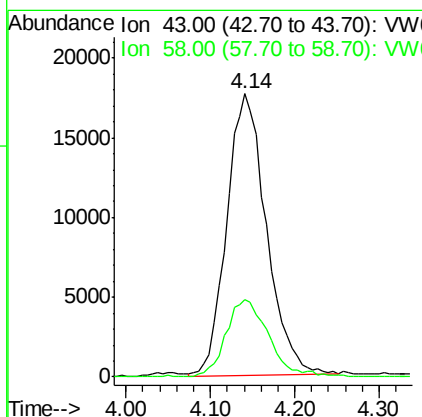
RT: 4.14 min Scan# 419

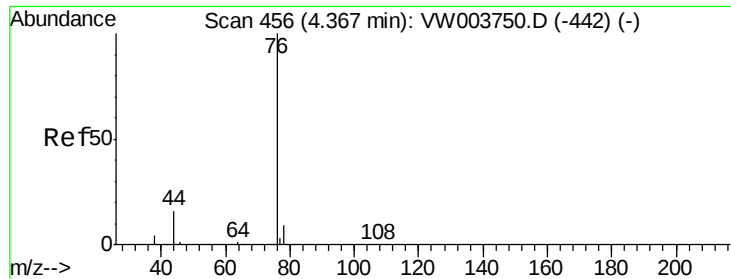
Delta R.T. 0.01 min

Lab File: VW003900.D

Acq: 12 Jul 2018 16:40

Tgt Ion:	43	Resp:	56628
Ion	Ratio	Lower	Upper
43	100		
58	27.6	22.6	34.0





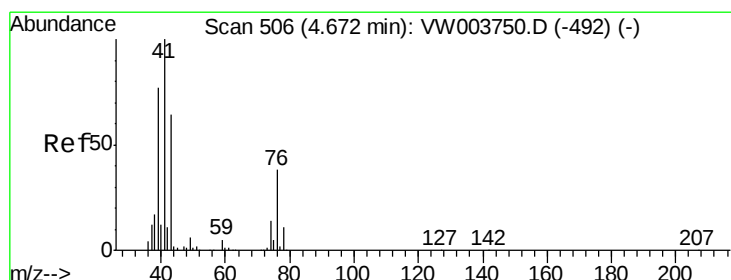
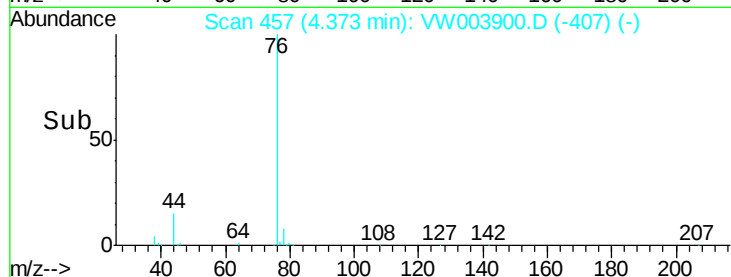
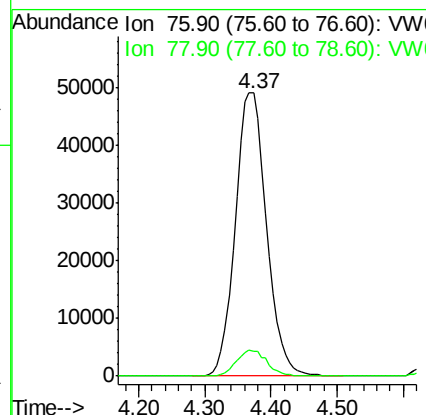
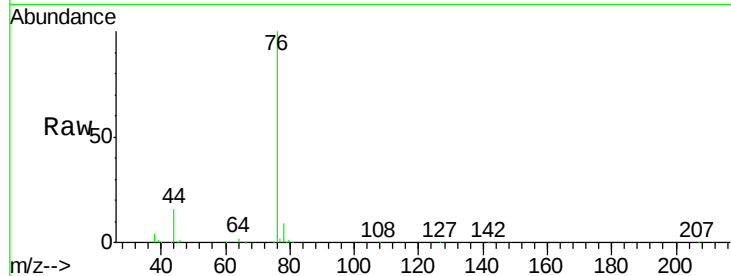
#17
Carbon Disulfide
Concen: 22.869 ug/l
RT: 4.37 min Scan# 457
Delta R.T. 0.01 min
Lab File: VW003900.D
Acq: 12 Jul 2018 16:40

Instrument :
MSVOA_W
ClientSampleId :
VW0712SBSD01

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.8	7.4	11.2

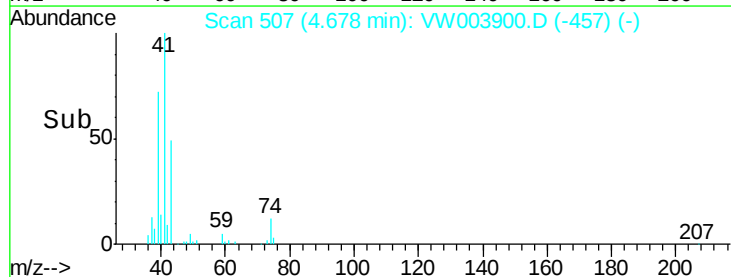
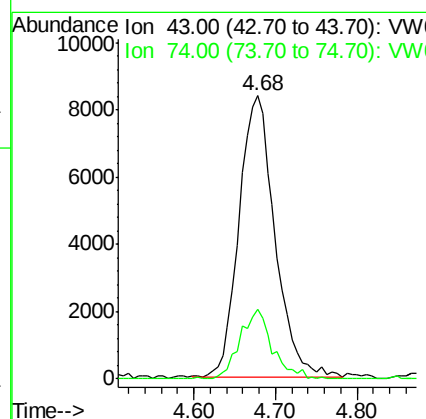
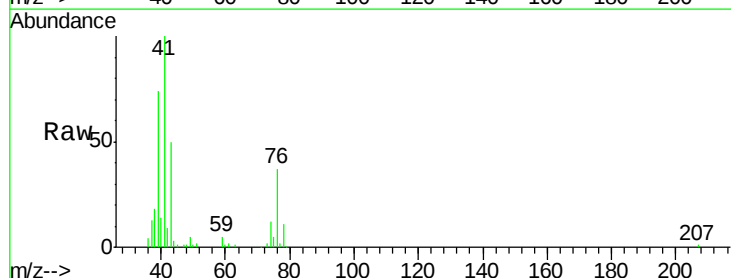
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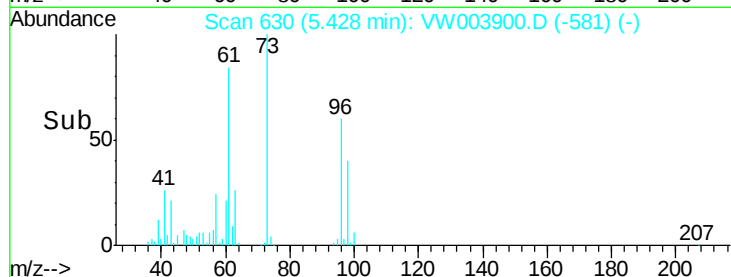
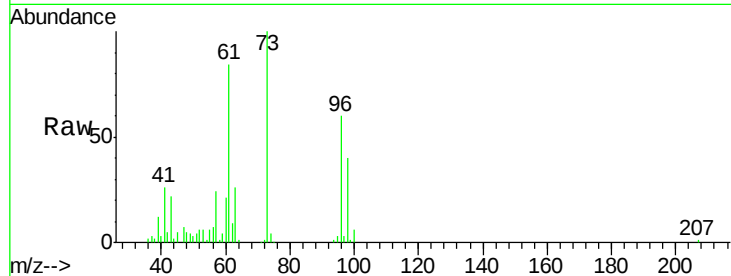
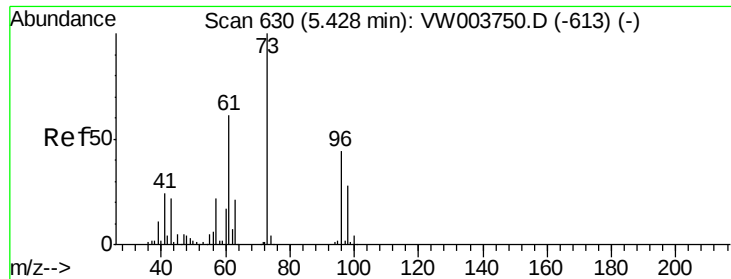
apatel
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#18
Methyl Acetate
Concen: 17.391 ug/l
RT: 4.68 min Scan# 507
Delta R.T. 0.01 min
Lab File: VW003900.D
Acq: 12 Jul 2018 16:40

Tgt Ion	Ratio	Lower	Upper
43	100		
74	22.2	17.3	25.9





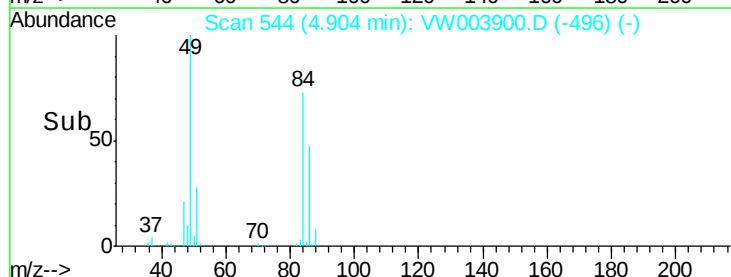
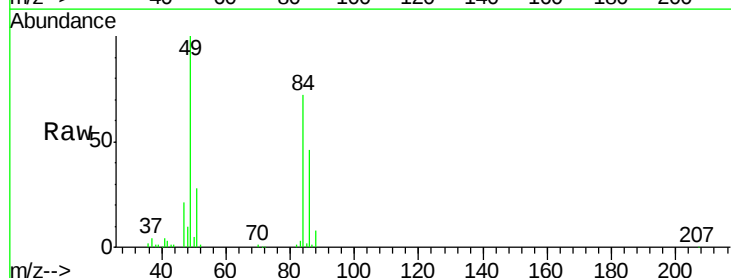
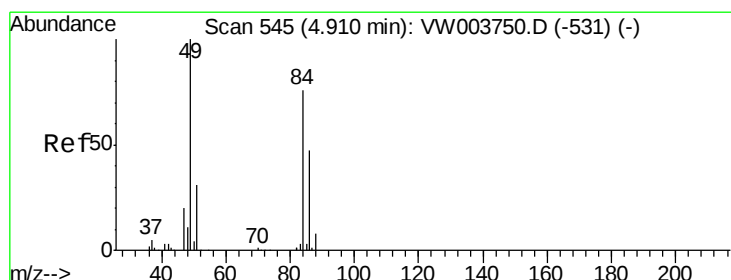
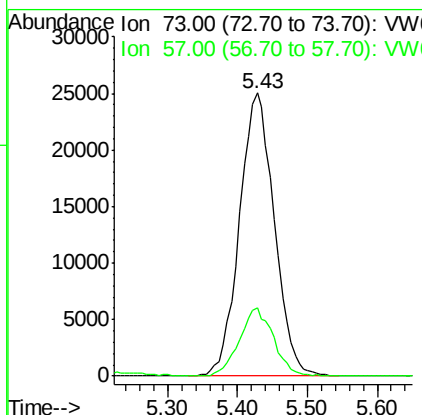
#19
Methyl tert-butyl Ether
Concen: 19.557 ug/l
RT: 5.43 min Scan# 630
Delta R.T. -0.00 min
Lab File: VW003900.D
Acq: 12 Jul 2018 16:40

Tot Ion: 73 Resp: 86529
Ion Ratio Lower Upper
73 100
57 24.0 17.9 26.9

Instrument :
MSVOA_W
ClientSampleId :
VW0712SBSD01

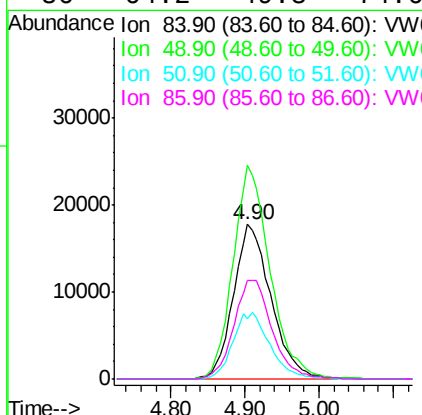
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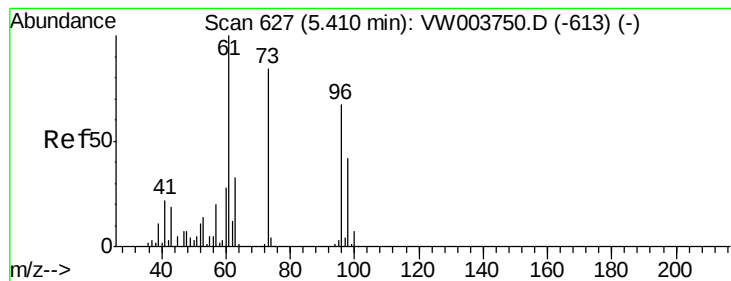
apatel
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#20
Methylene Chloride
Concen: 22.553 ug/l
RT: 4.90 min Scan# 544
Delta R.T. -0.01 min
Lab File: VW003900.D
Acq: 12 Jul 2018 16:40

Tgt Ion: 84 Resp: 62906
Ion Ratio Lower Upper
84 100
49 138.3 105.1 157.7
51 39.1 32.5 48.7
86 64.2 49.8 74.6





#21

trans-1,2-Dichloroethene

Concen: 21.408 ug/l

RT: 5.41 min Scan# 627

Delta R.T. -0.00 min

Lab File: VW003900.D

Acq: 12 Jul 2018 16:40

Instrument :

MSVOA_W

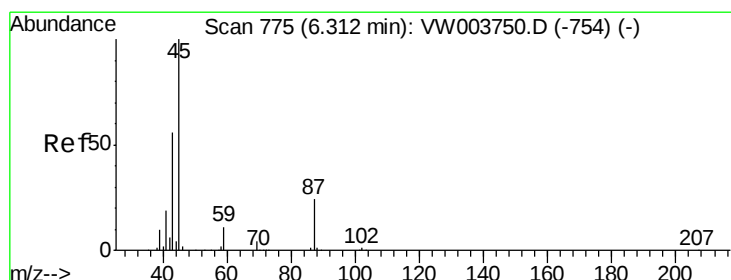
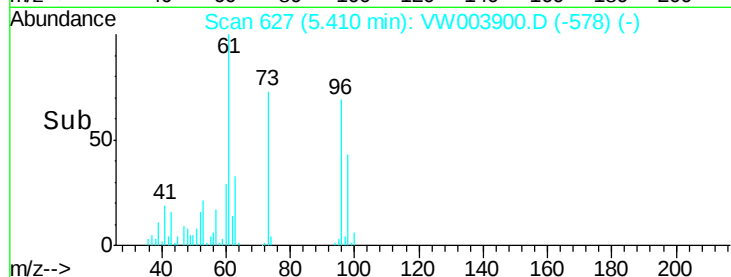
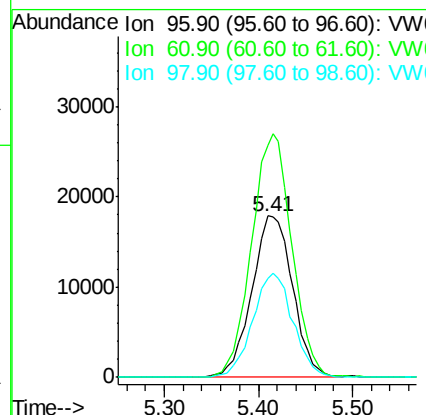
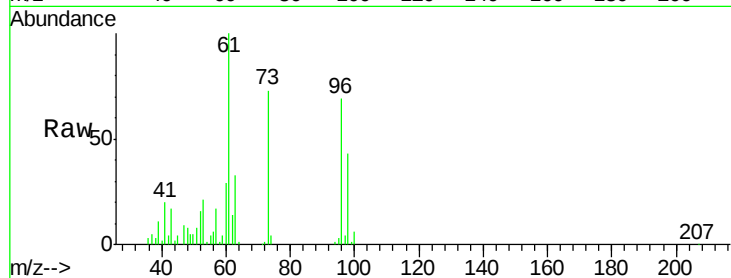
ClientSampleId :

VW0712SBSD01

Tot Ion:	96	Resp:	54268
Ion	Ratio	Lower	Upper
96	100		
61	144.3	119.0	178.6
98	61.8	49.8	74.8

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#22

Diisopropyl ether

Concen: 20.590 ug/l

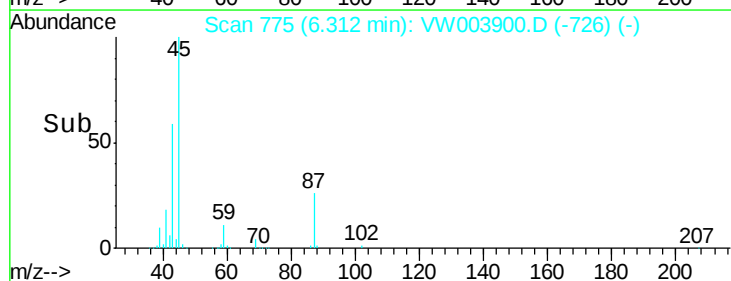
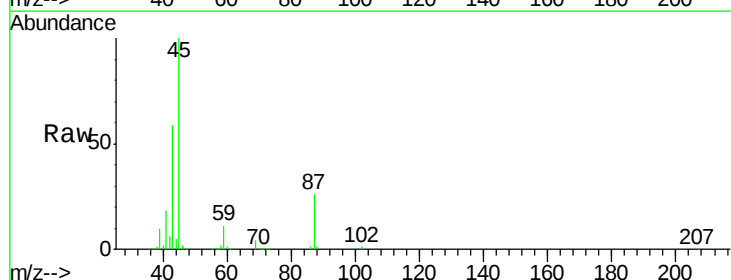
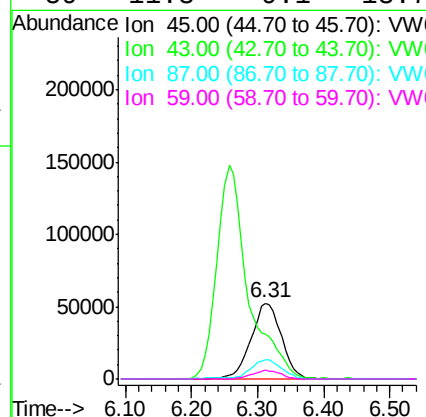
RT: 6.31 min Scan# 775

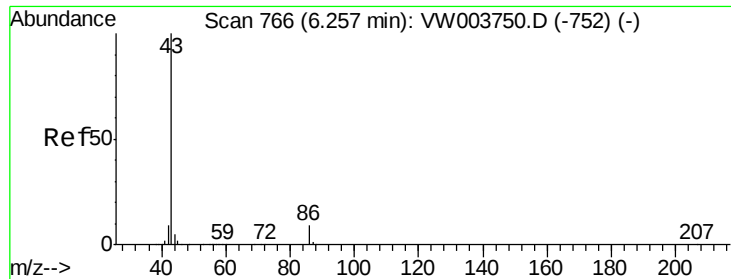
Delta R.T. -0.00 min

Lab File: VW003900.D

Acq: 12 Jul 2018 16:40

Tgt Ion:	45	Resp:	168512
Ion	Ratio	Lower	Upper
45	100		
43	58.6	44.5	66.7
87	25.7	19.6	29.4
59	11.3	9.1	13.7





#23

Vinyl Acetate

Concen: 97.483 ug/l

RT: 6.26 min Scan# 766

Delta R.T. -0.00 min

Lab File: VW003900.D

Acq: 12 Jul 2018 16:40

Instrument :

MSVOA_W

ClientSampleId :

VW0712SBS01

Tot Ion: 43 Resp: 487026

Ion Ratio Lower Upper

43 100

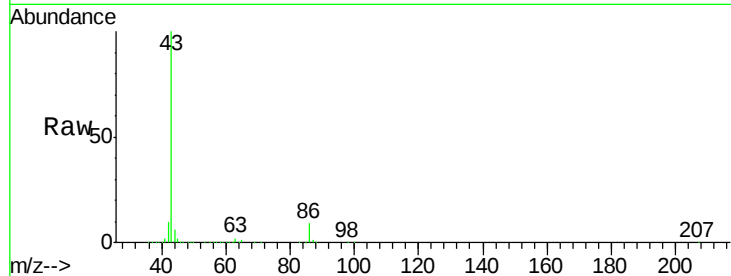
86 9.1 7.3 10.9

Manual Integrations

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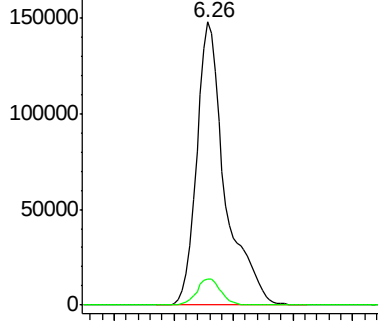
apatel

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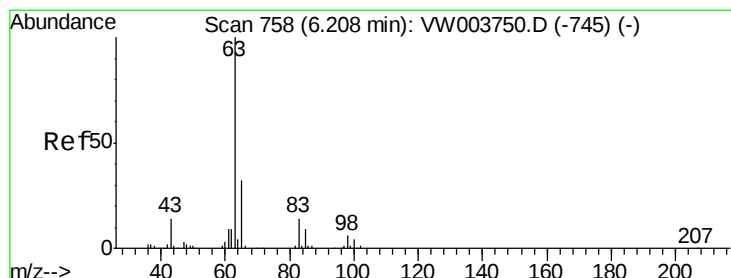
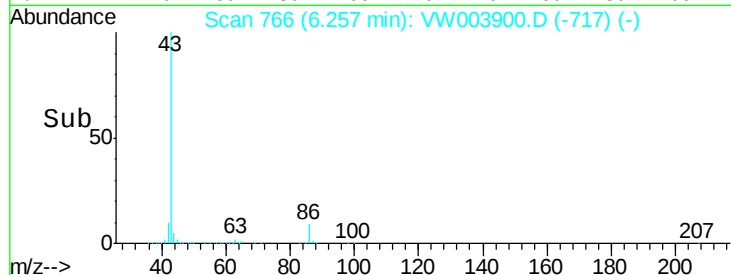


Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW



Time-->



#24

1,1-Dichloroethane

Concen: 20.604 ug/l

RT: 6.21 min Scan# 758

Delta R.T. -0.00 min

Lab File: VW003900.D

Acq: 12 Jul 2018 16:40

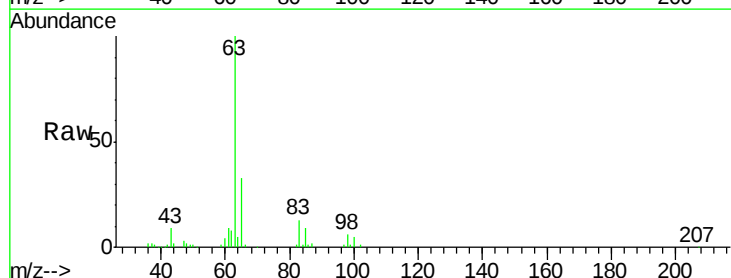
Tgt Ion: 63 Resp: 101988

Ion Ratio Lower Upper

63 100

98 6.1 3.2 9.6

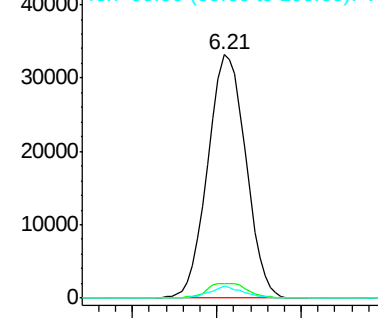
100 4.9 2.1 6.2



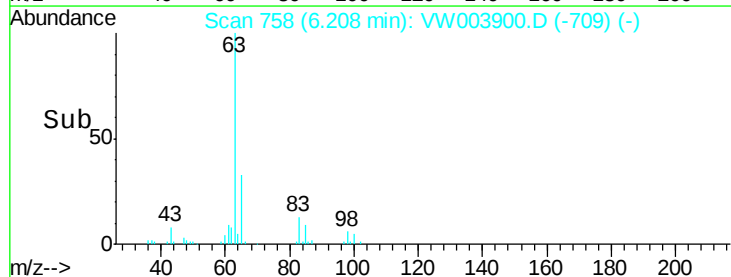
Abundance Ion 62.90 (62.60 to 63.60): VW

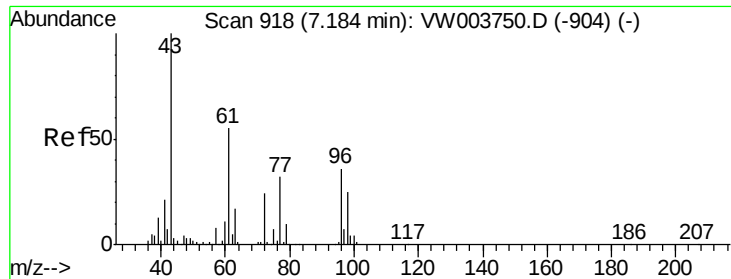
Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW



Time-->





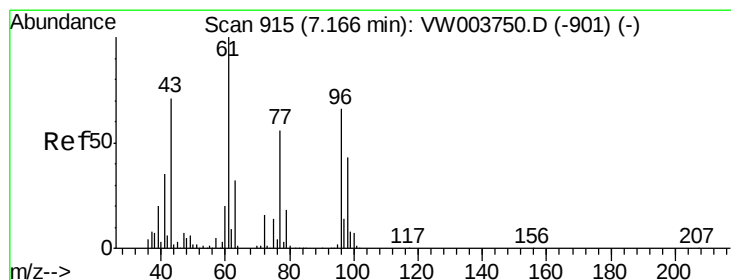
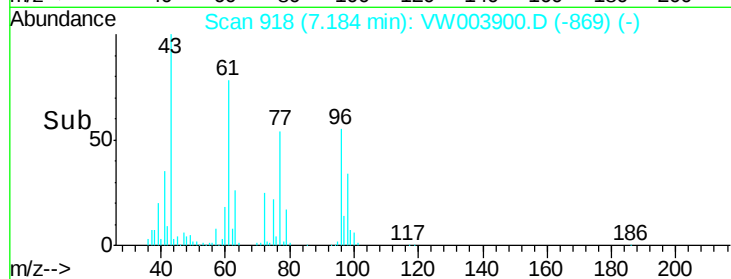
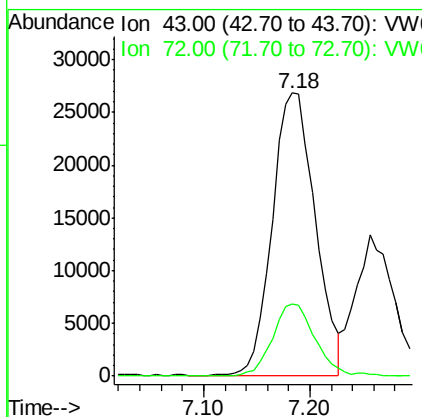
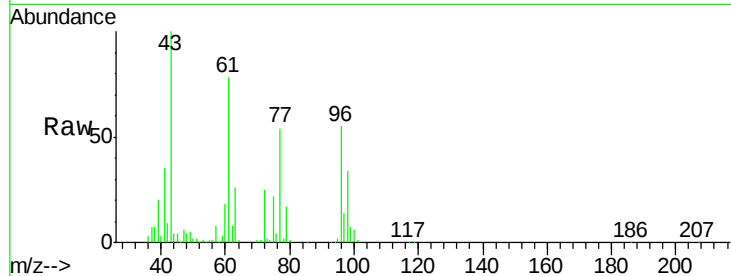
#25
2-Butanone
Concen: 92.870 ug/l
RT: 7.18 min Scan# 918
Delta R.T. -0.00 min
Lab File: VW003900.D
Acq: 12 Jul 2018 16:40

Instrument :
MSVOA_W
ClientSampleId :
VW0712SBSD01

Tot Ion: 43 Resp: 75225
Ion Ratio Lower Upper
43 100
72 25.3 19.4 29.2

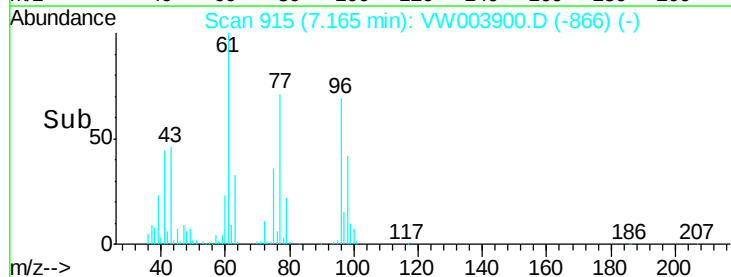
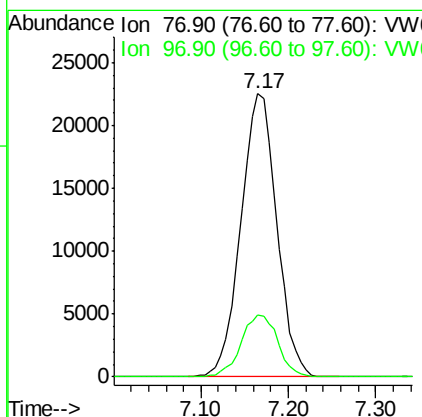
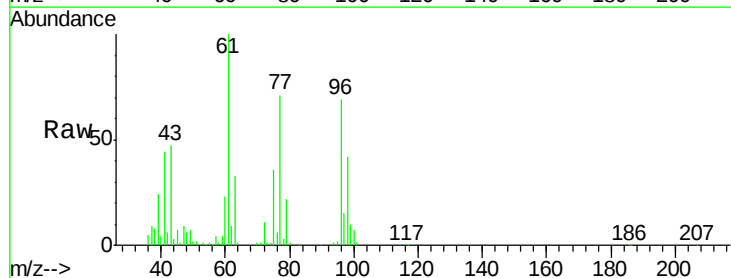
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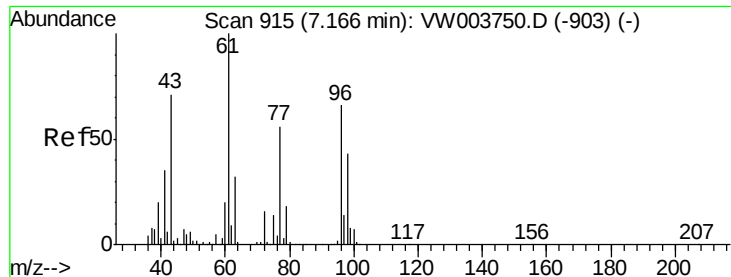
apatel
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#26
2,2-Dichloropropane
Concen: 23.915 ug/l
RT: 7.17 min Scan# 915
Delta R.T. -0.00 min
Lab File: VW003900.D
Acq: 12 Jul 2018 16:40

Tgt Ion: 77 Resp: 64208
Ion Ratio Lower Upper
77 100
97 22.2 11.5 34.5





#27

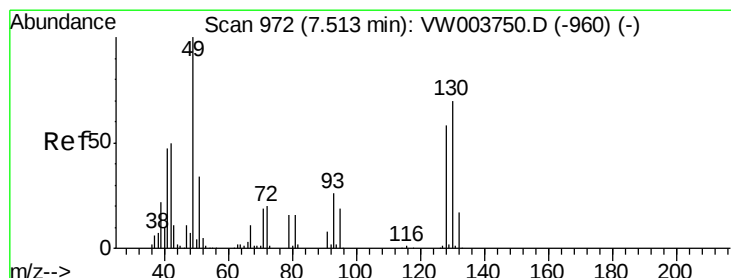
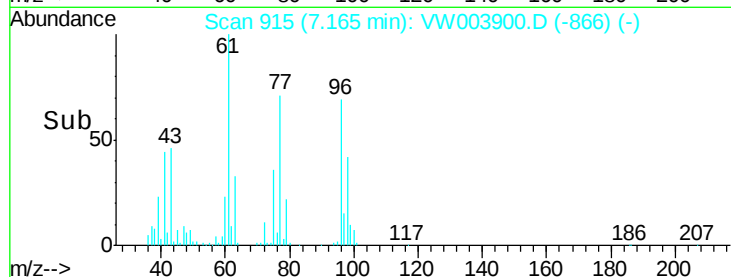
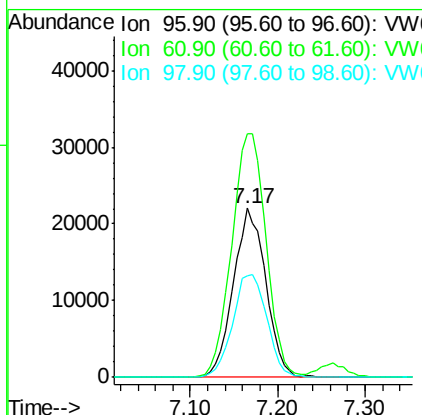
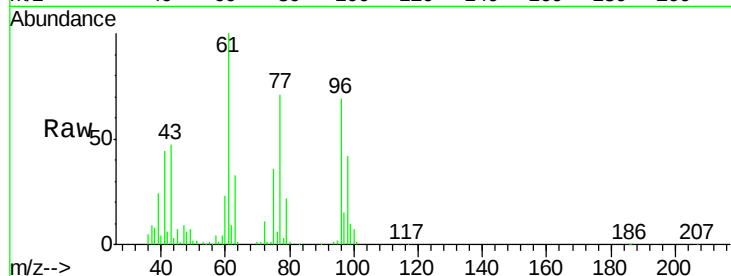
cis-1,2-Dichloroethene
Concen: 20.237 ug/l
RT: 7.17 min Scan# 915
Delta R.T. -0.00 min
Lab File: VW003900.D
Acq: 12 Jul 2018 16:40

Instrument :
MSVOA_W
ClientSampleId :
VW0712SBSD01

Tot Ion	Ratio	Lower	Upper
96	100		
61	152.4	0.0	300.8
98	64.1	0.0	128.6

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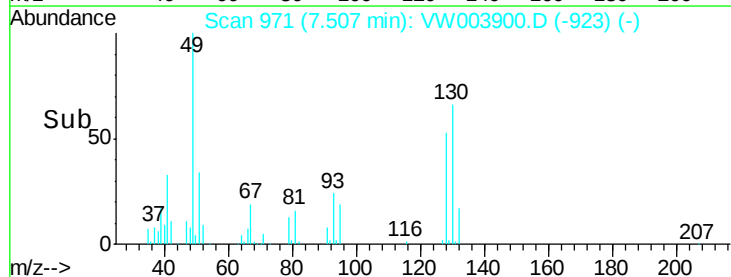
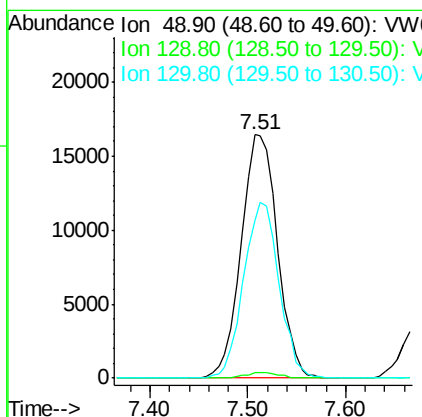
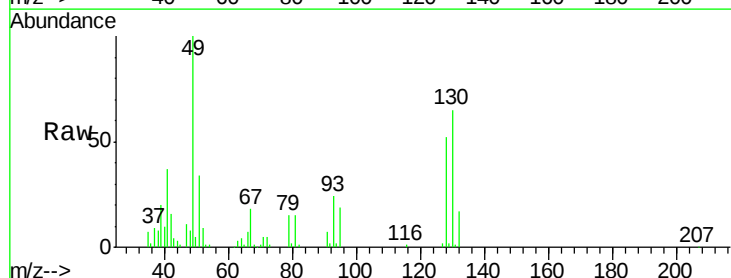
apatel
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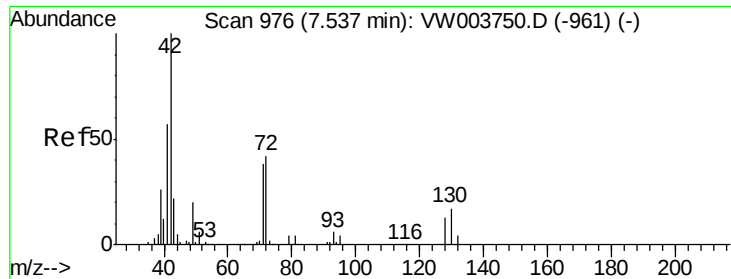


#28

Bromochloromethane
Concen: 19.178 ug/l
RT: 7.51 min Scan# 971
Delta R.T. -0.01 min
Lab File: VW003900.D
Acq: 12 Jul 2018 16:40

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.2	0.0	4.4
130	70.4	56.9	85.3





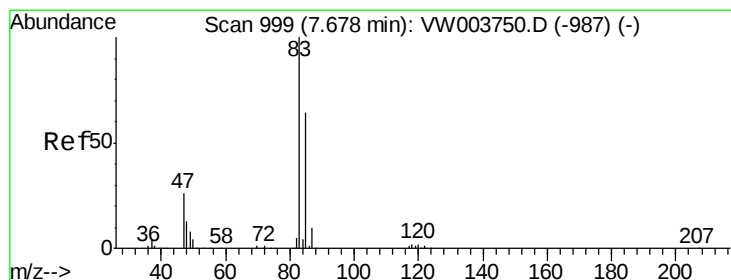
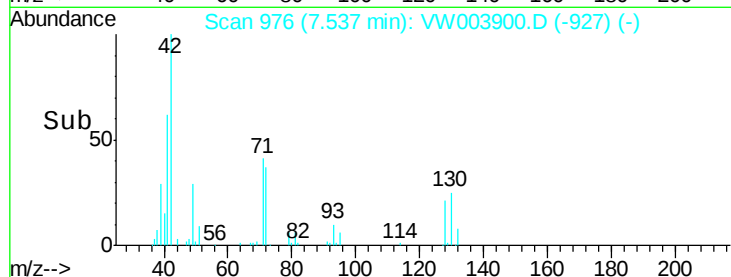
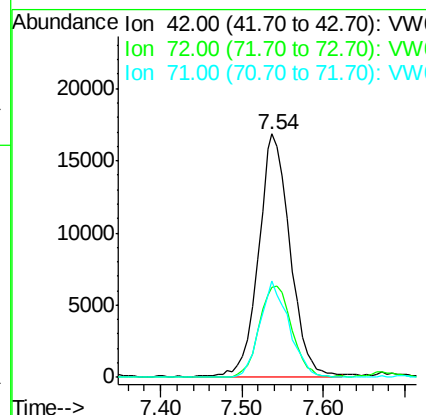
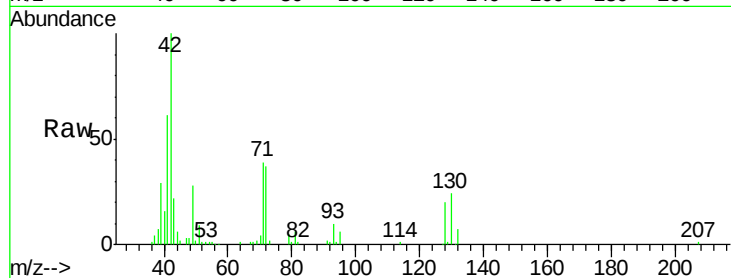
#29
Tetrahydrofuran
Concen: 87.747 ug/l
RT: 7.54 min Scan# 976
Delta R.T. -0.00 min
Lab File: VW003900.D
Acq: 12 Jul 2018 16:40

Instrument :
MSVOA_W
ClientSampleId :
VW0712SBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	38.8	31.8	47.8
71	36.5	30.3	45.5

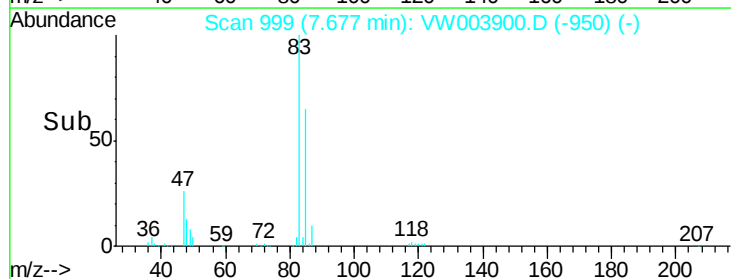
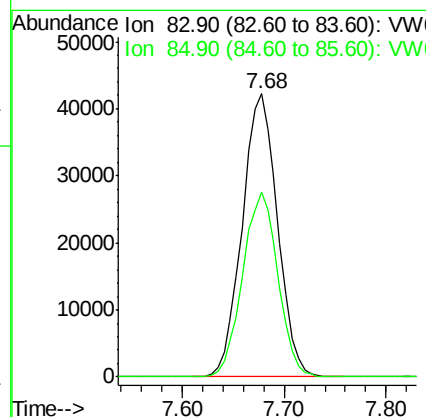
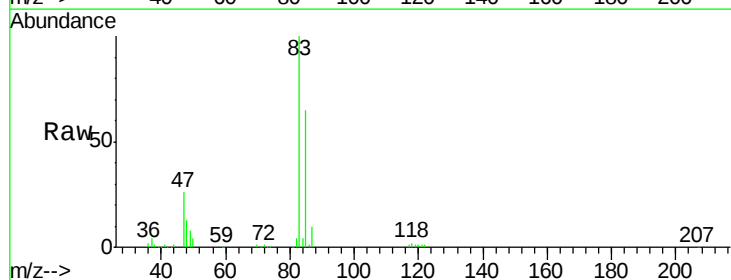
Manual Integrations
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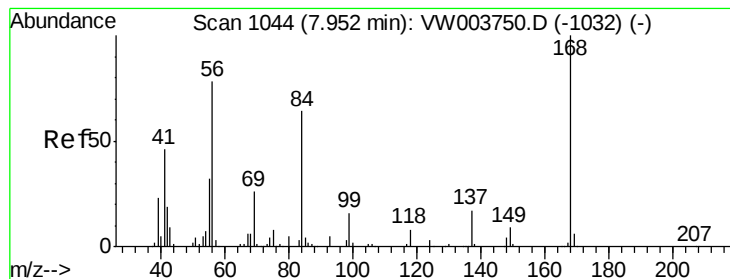
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#30
Chloroform
Concen: 20.071 ug/l
RT: 7.68 min Scan# 999
Delta R.T. -0.00 min
Lab File: VW003900.D
Acq: 12 Jul 2018 16:40

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.3	51.5	77.3





#31

Cyclohexane

Concen: 21.739 ug/l

RT: 7.96 min Scan# 1045

Delta R.T. 0.01 min

Lab File: VW003900.D

Acq: 12 Jul 2018 16:40

Instrument :

MSVOA_W

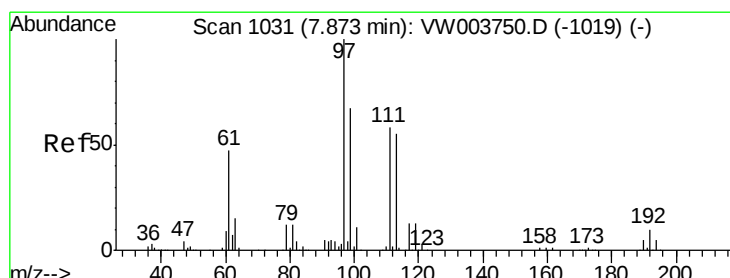
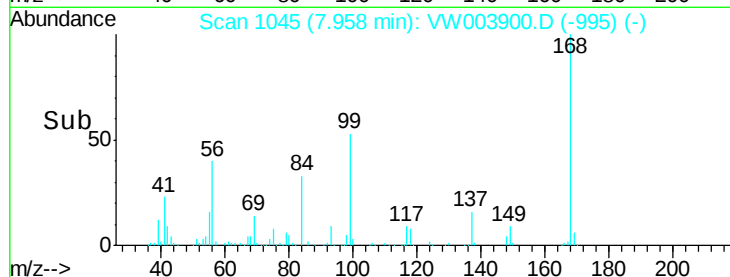
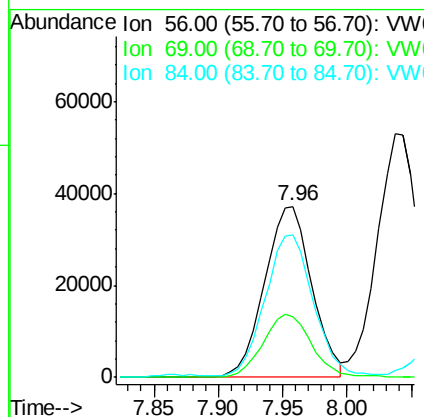
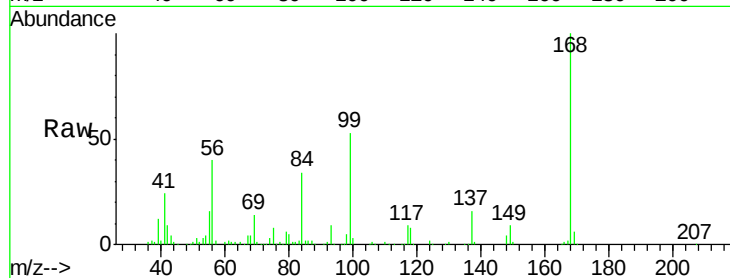
ClientSampled :

VW0712SBSD01

Tot Ion:	56	Resp:	94560
Ion Ratio	Lower	Upper	
56	100		
69	35.7	26.2	39.4
84	82.3	65.5	98.3

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 21.317 ug/l

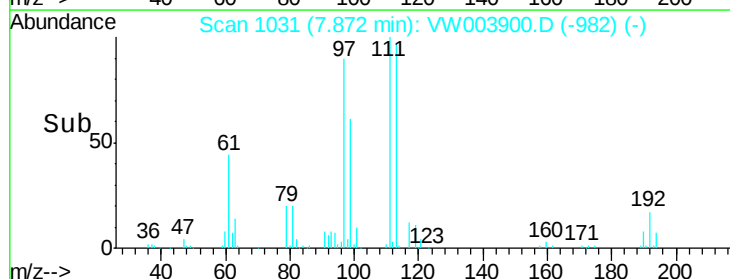
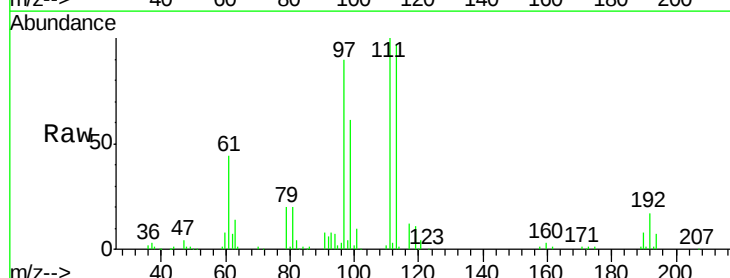
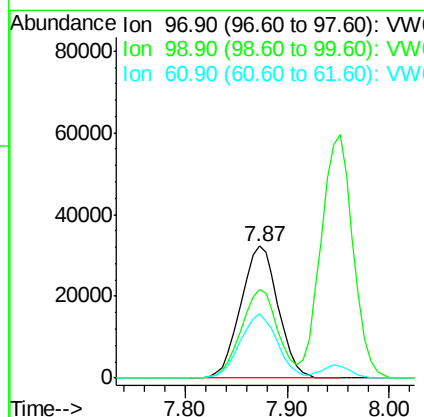
RT: 7.87 min Scan# 1031

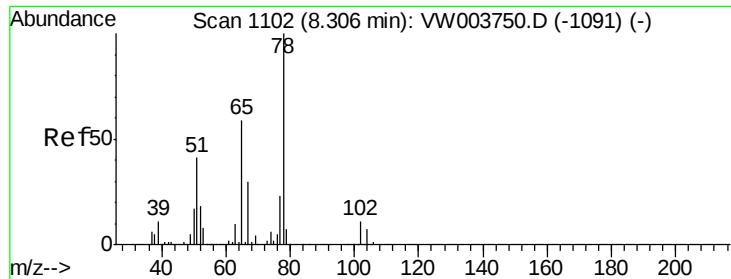
Delta R.T. -0.00 min

Lab File: VW003900.D

Acq: 12 Jul 2018 16:40

Tgt Ion:	97	Resp:	81921
Ion Ratio	Lower	Upper	
97	100		
99	66.1	51.2	76.8
61	48.1	37.6	56.4





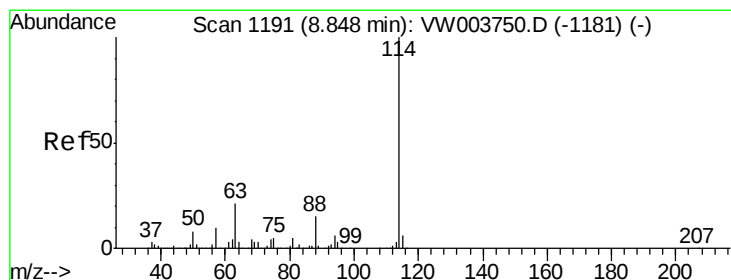
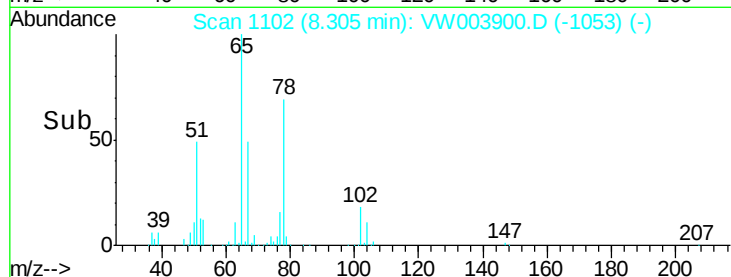
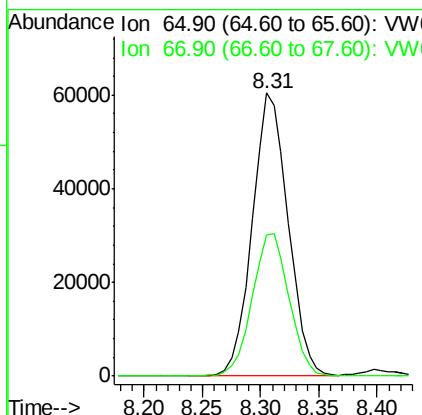
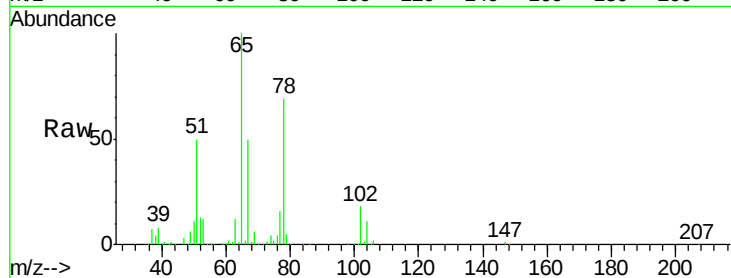
#33
 1,2-Dichloroethane-d4
 Concen: 43.231 ug/l
 RT: 8.31 min Scan# 1102
 Delta R.T. -0.00 min
 Lab File: VW003900.D
 Acq: 12 Jul 2018 16:40

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0712SBSD01

Tot Ion	Ratio	Resp	Lower	Upper
65	100	128861		
67	51.8	0.0	103.8	

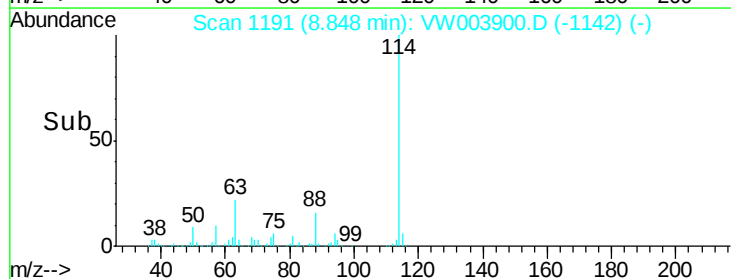
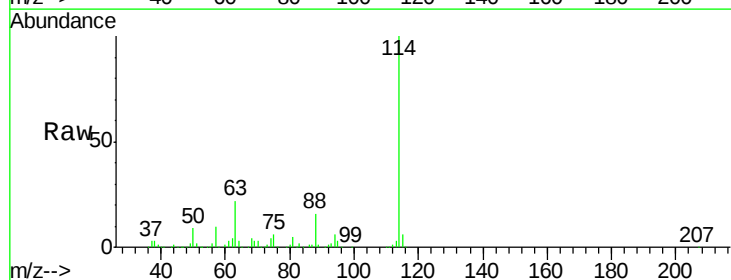
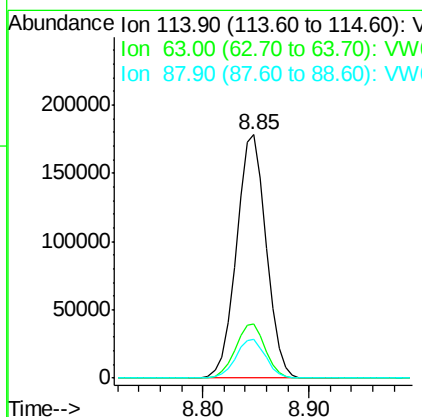
Manual Integrations
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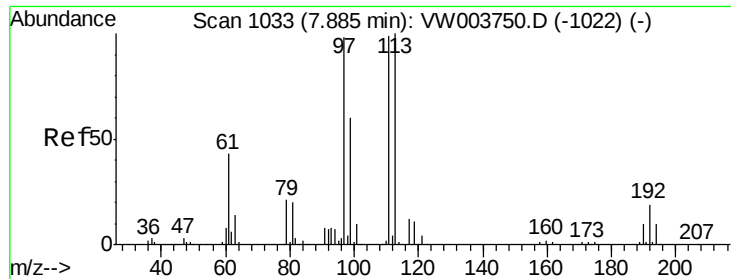
apatel
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. -0.00 min
 Lab File: VW003900.D
 Acq: 12 Jul 2018 16:40

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	349438		
63	22.2	0.0	41.8	
88	15.8	0.0	30.2	





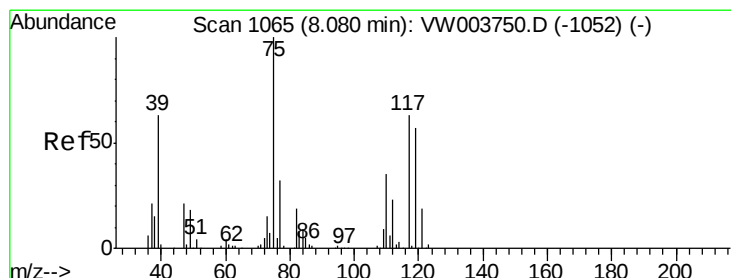
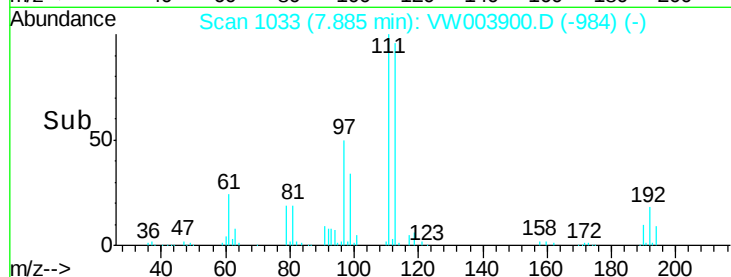
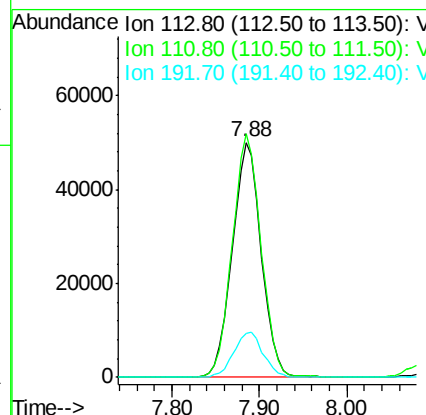
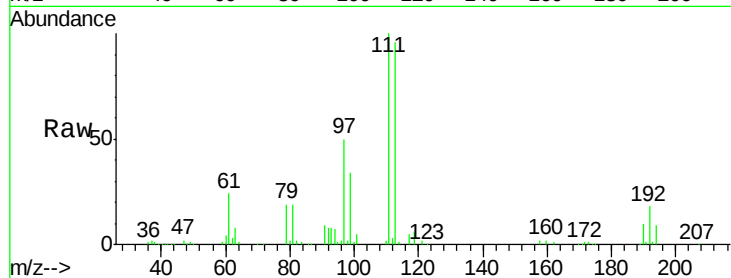
#35
 Dibromofluoromethane
 Concen: 47.036 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. -0.00 min
 Lab File: VW003900.D
 Acq: 12 Jul 2018 16:40

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0712SBSD01

Tot Ion	Ratio	Resp	Lower	Upper
113	100			
111	103.2	81.7	122.5	
192	19.6	15.8	23.8	

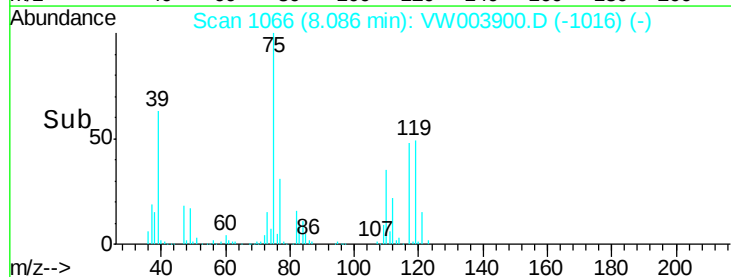
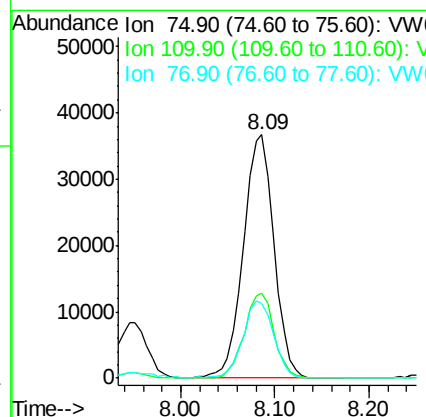
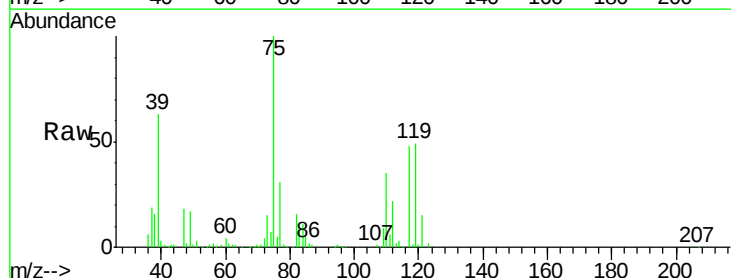
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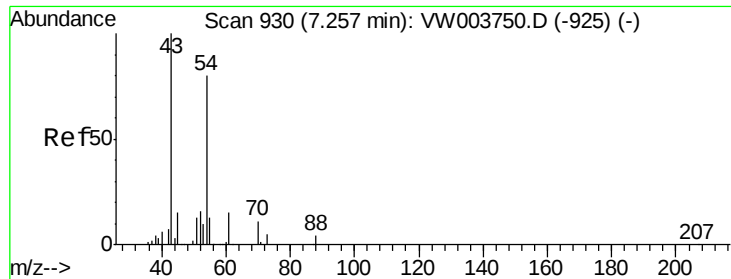
apatel
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#36
 1,1-Dichloropropene
 Concen: 22.523 ug/l
 RT: 8.09 min Scan# 1066
 Delta R.T. 0.01 min
 Lab File: VW003900.D
 Acq: 12 Jul 2018 16:40

Tgt Ion	Ratio	Resp	Lower	Upper
75	100			
110	34.0	16.9	50.6	
77	32.1	24.8	37.2	





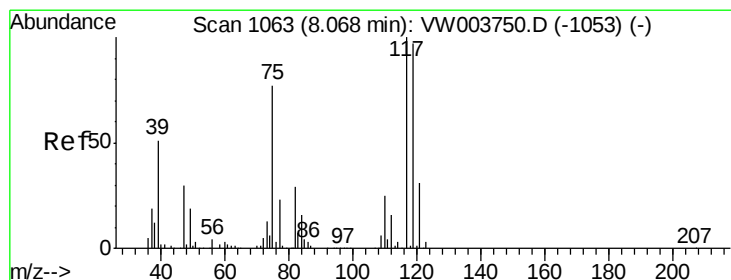
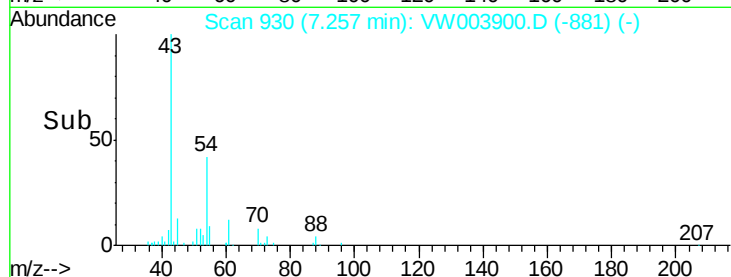
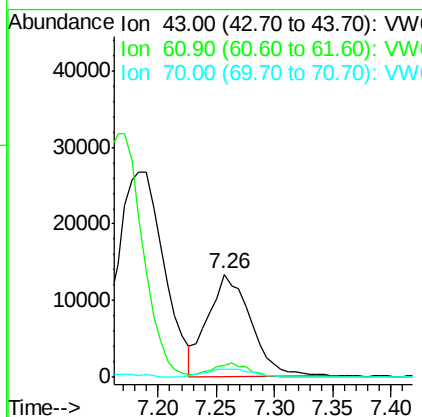
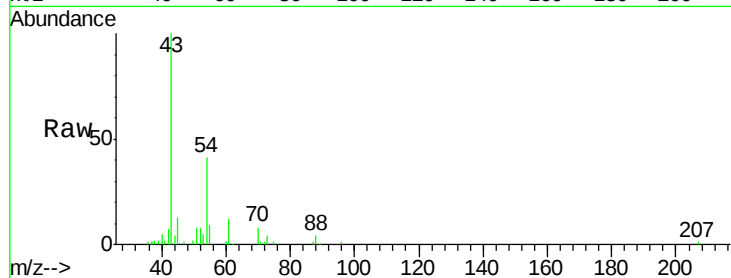
#37
Ethyl Acetate
Concen: 18.820 ug/l
RT: 7.26 min Scan# 930
Delta R.T. -0.00 min
Lab File: VW003900.D
Acq: 12 Jul 2018 16:40

Instrument :
MSVOA_W
ClientSampleId :
VW0712SBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
61	12.0	10.6	15.8
70	9.2	7.5	11.3

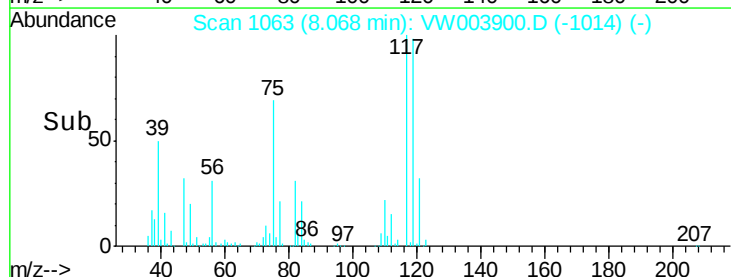
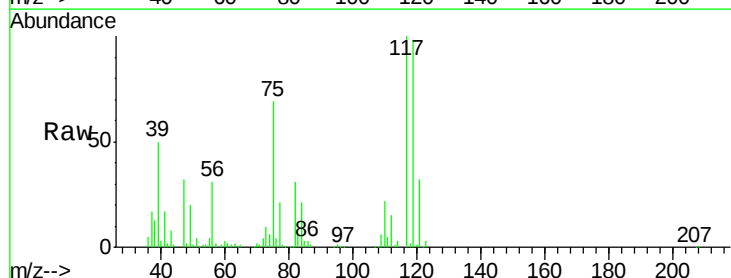
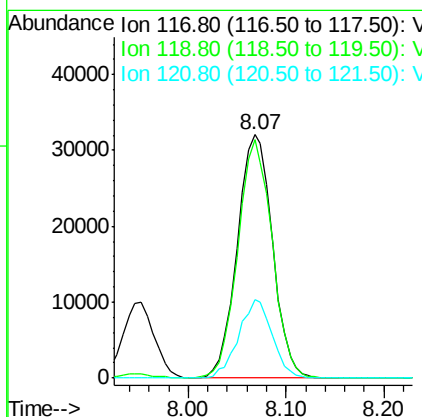
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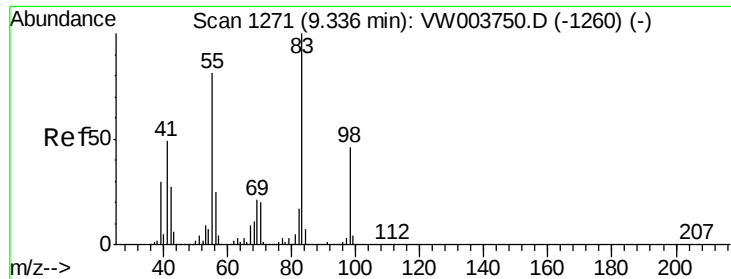
apatel
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#38
Carbon Tetrachloride
Concen: 22.695 ug/l
RT: 8.07 min Scan# 1063
Delta R.T. -0.00 min
Lab File: VW003900.D
Acq: 12 Jul 2018 16:40

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.8	77.4	116.2
121	32.3	24.6	37.0





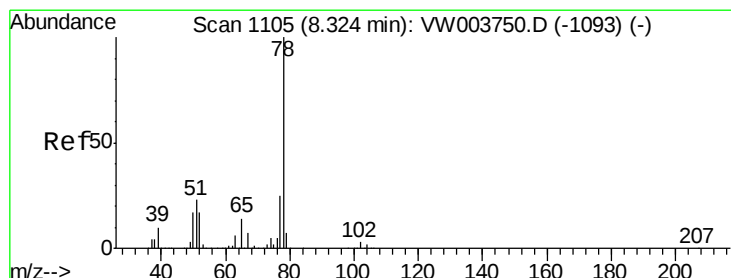
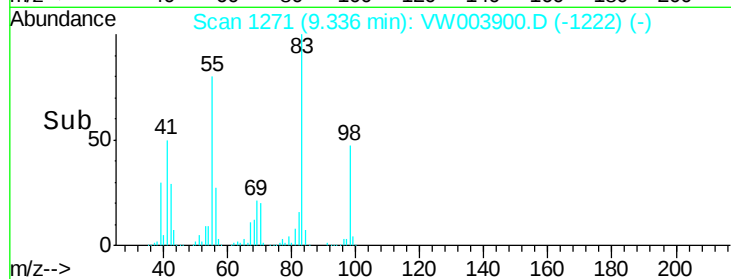
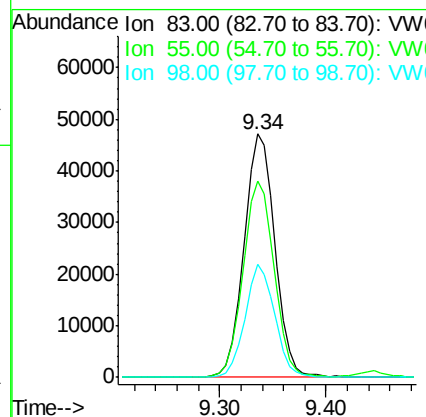
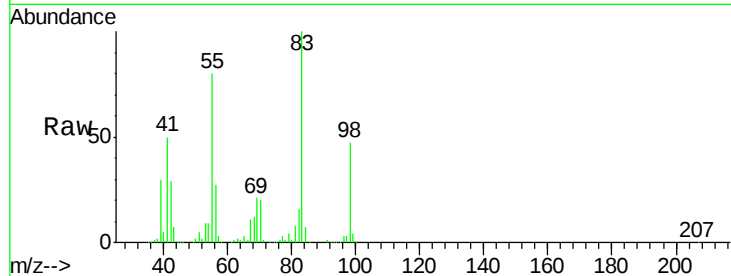
#39
Methvlcvclohexane
Concen: 23.651 ug/l
RT: 9.34 min Scan# 1271
Delta R.T. -0.00 min
Lab File: VW003900.D
Acq: 12 Jul 2018 16:40

Instrument :
MSVOA_W
ClientSampleId :
VW0712SBSD01

Tot Ion	Ratio	Lower	Upper
83	100		
55	80.4	65.1	97.7
98	46.6	36.7	55.1

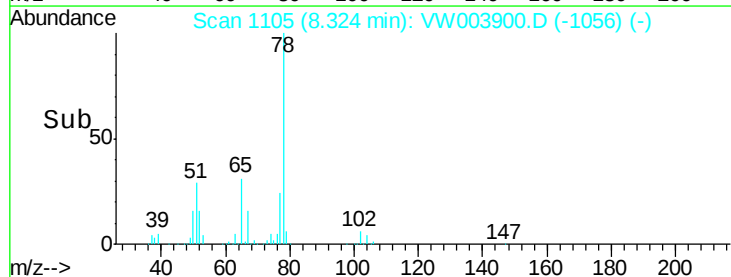
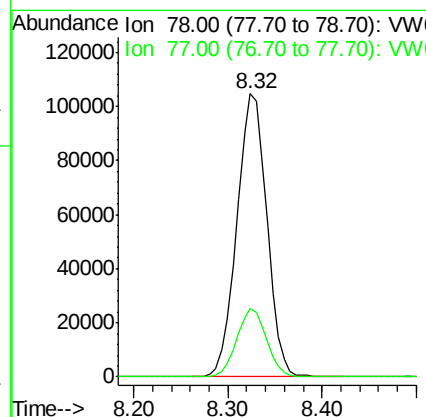
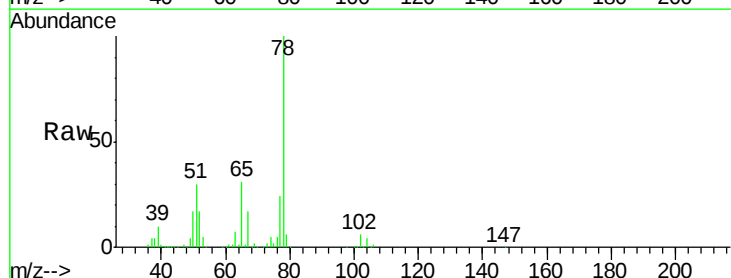
Manual Integrations
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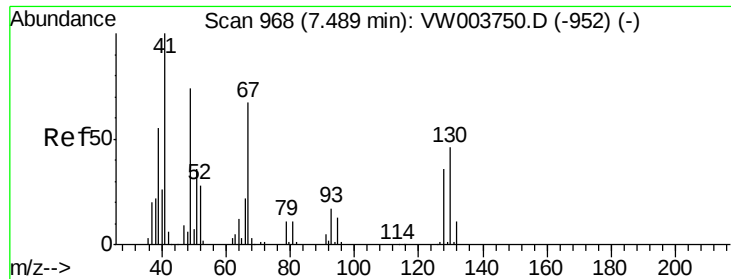
apatel
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#40
Benzene
Concen: 21.899 ug/l
RT: 8.32 min Scan# 1105
Delta R.T. -0.00 min
Lab File: VW003900.D
Acq: 12 Jul 2018 16:40

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.2	19.7	29.5





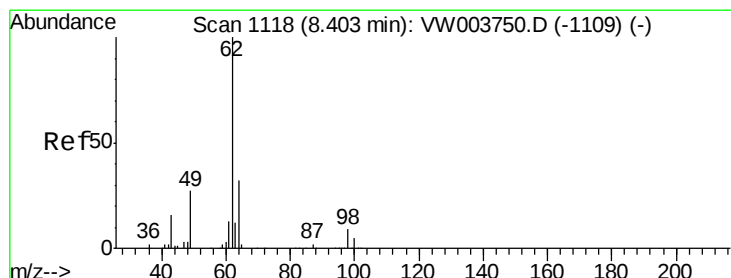
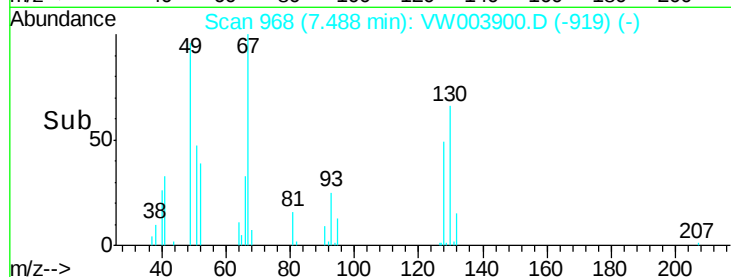
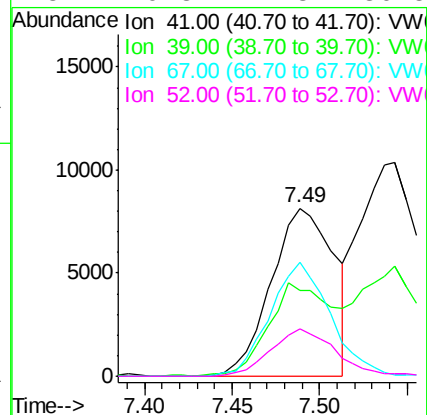
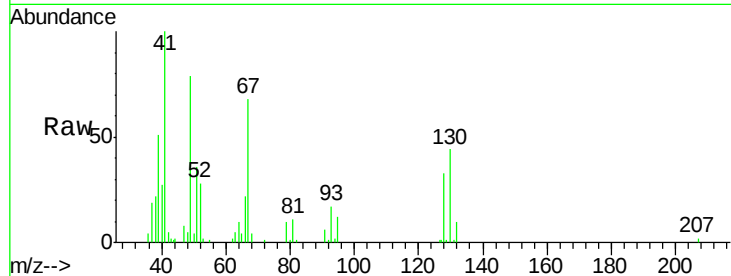
#41
Methacrylonitrile
Concen: 19.647 ug/l
RT: 7.49 min Scan# 968
Delta R.T. -0.00 min
Lab File: VW003900.D
Acq: 12 Jul 2018 16:40

Instrument :
MSVOA_W
ClientSampleId :
VW0712SBSD01

Tot Ion	41	Resp	20389
Ion	Ratio	Lower	Upper
41	100		
39	56.7	49.5	74.3
67	65.4	53.8	80.8
52	29.3	24.3	36.5

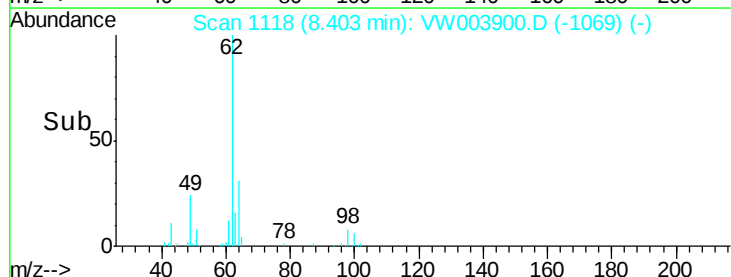
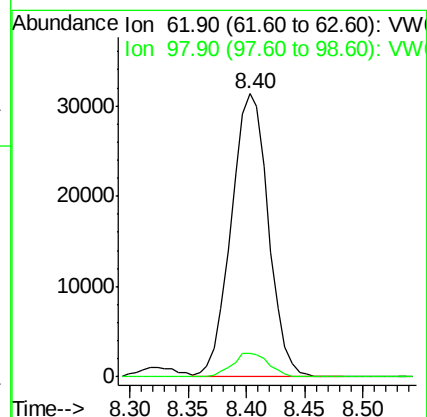
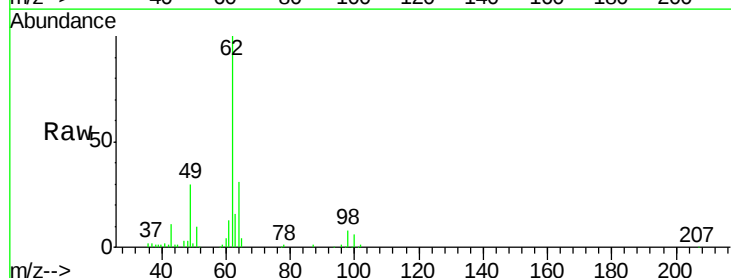
Manual Integrations
APPROVED

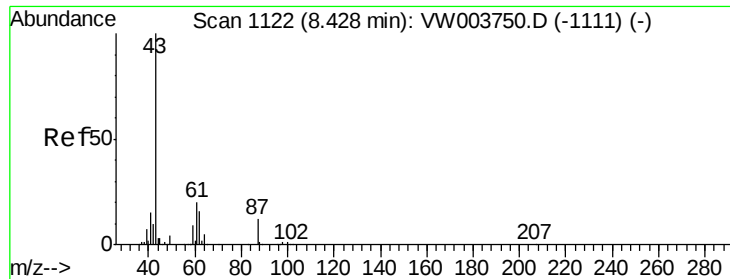
apatel
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#42
1,2-Dichloroethane
Concen: 20.237 ug/l
RT: 8.40 min Scan# 1118
Delta R.T. -0.00 min
Lab File: VW003900.D
Acq: 12 Jul 2018 16:40

Tgt Ion	62	Resp	69423
Ion	Ratio	Lower	Upper
62	100		
98	8.4	0.0	16.4





#43

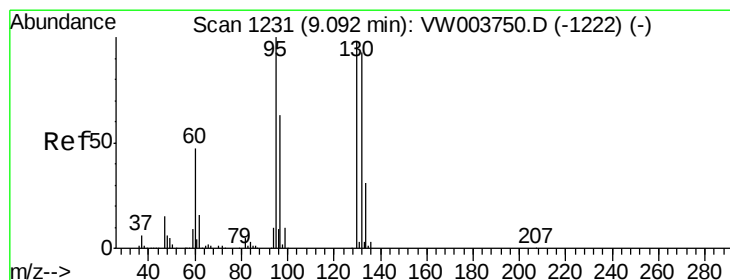
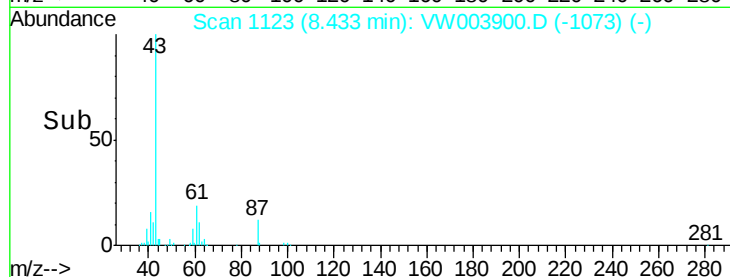
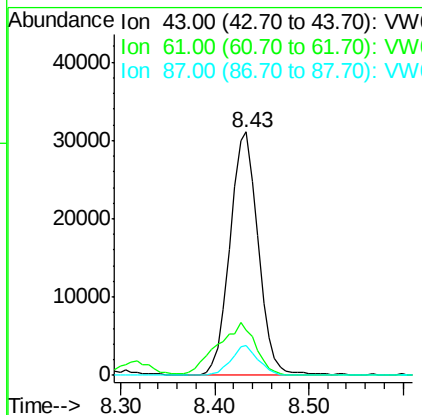
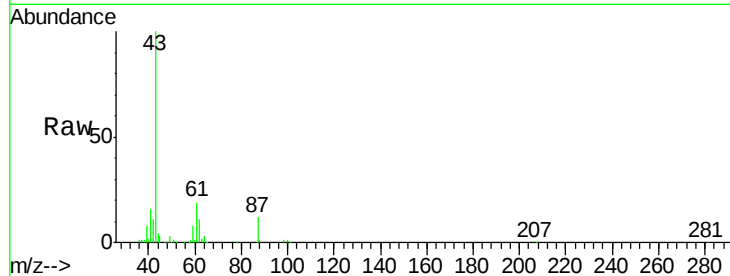
Isopropyl Acetate
 Concen: 19.013 ug/l
 RT: 8.43 min Scan# 1123
 Delta R.T. 0.01 min
 Lab File: VW003900.D
 Acq: 12 Jul 2018 16:40

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0712SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	29.0	22.8	34.2
87	11.6	9.5	14.3

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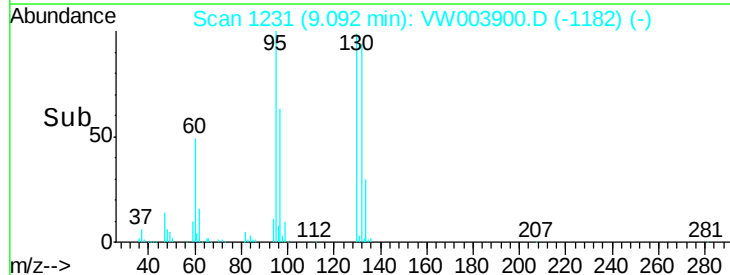
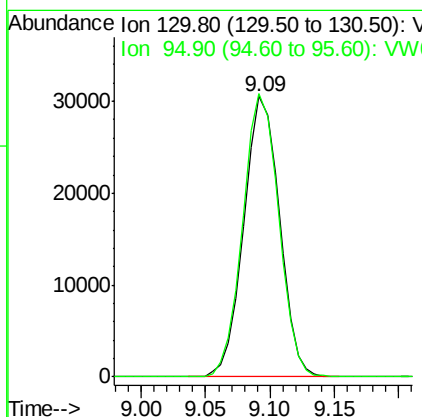
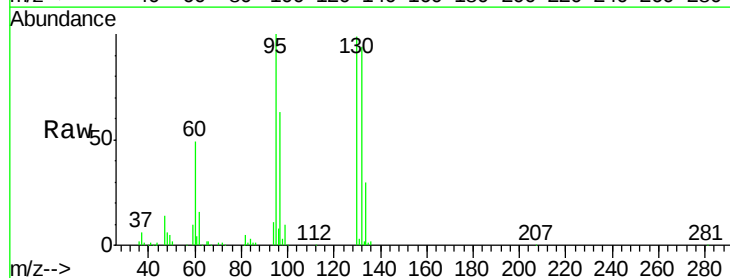
apatel
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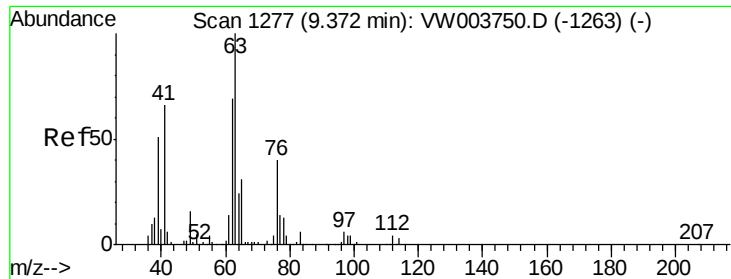


#44

Trichloroethene
 Concen: 21.933 ug/l
 RT: 9.09 min Scan# 1231
 Delta R.T. -0.00 min
 Lab File: VW003900.D
 Acq: 12 Jul 2018 16:40

Tgt Ion	Ratio	Lower	Upper
130	100		
95	101.0	0.0	203.8





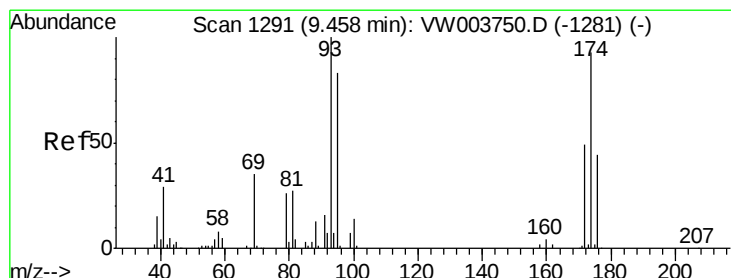
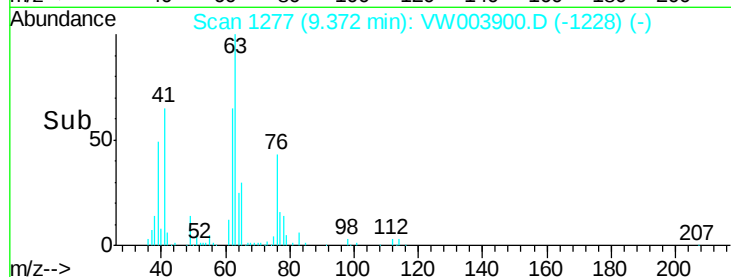
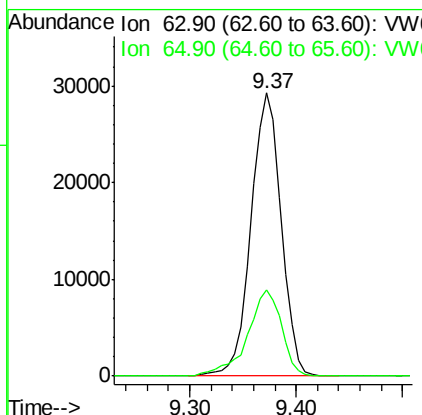
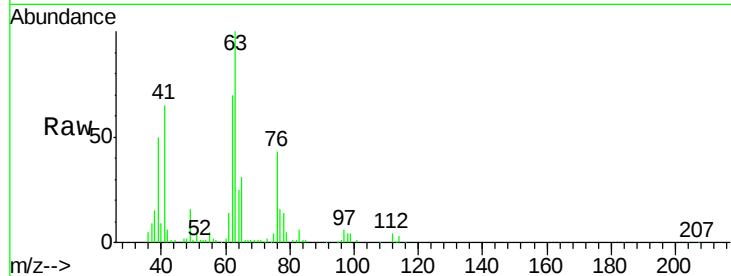
#45
 1,2-Dichloropropane
 Concen: 21.160 ug/l
 RT: 9.37 min Scan# 1277
 Delta R.T. -0.00 min
 Lab File: VW003900.D
 Acq: 12 Jul 2018 16:40

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0712SBSD01

Tot Ion	Ratio	Lower	Upper
63	100		
65	30.7	24.9	37.3

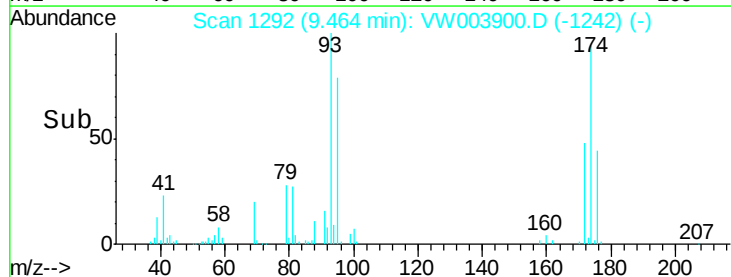
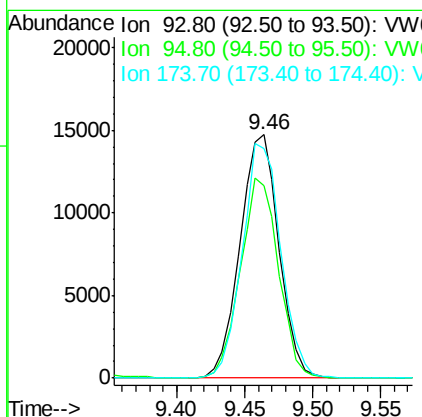
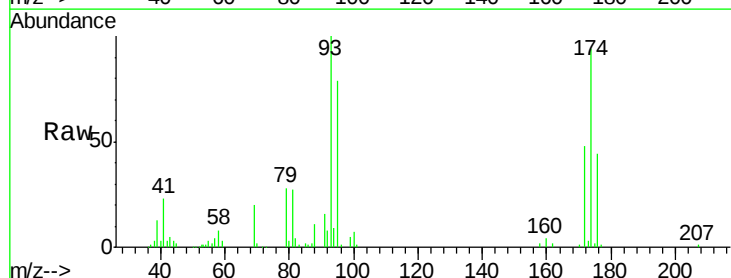
Manual Integrations
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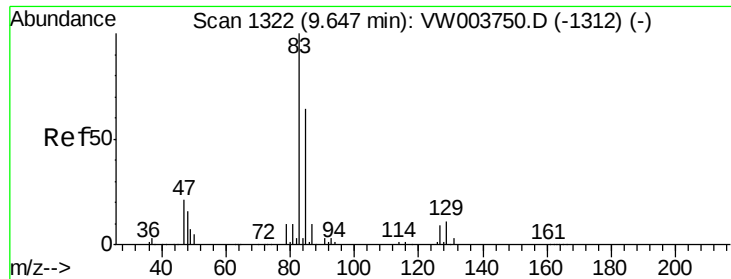
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#46
 Dibromomethane
 Concen: 20.316 ug/l
 RT: 9.46 min Scan# 1292
 Delta R.T. 0.01 min
 Lab File: VW003900.D
 Acq: 12 Jul 2018 16:40

Tgt Ion	Ratio	Lower	Upper
93	100		
95	80.6	67.2	100.8
174	96.0	78.1	117.1





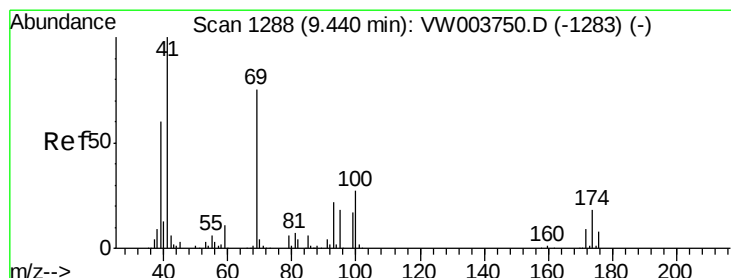
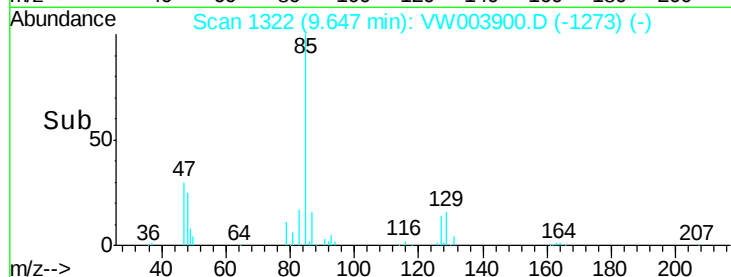
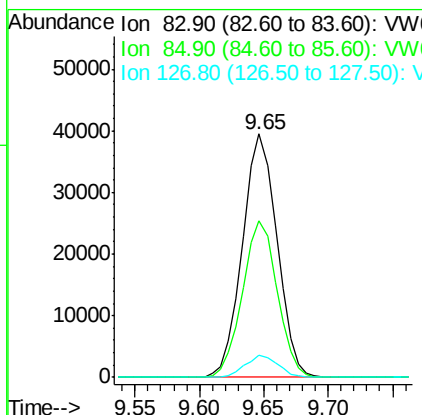
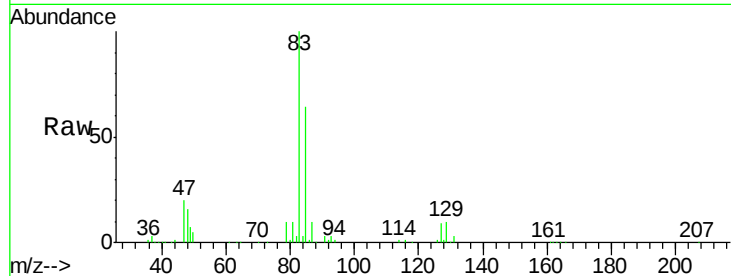
#47
Bromodichloromethane
Concen: 20.560 ug/l
RT: 9.65 min Scan# 1322
Delta R.T. -0.00 min
Lab File: VW003900.D
Acq: 12 Jul 2018 16:40

Instrument :
MSVOA_W
ClientSampleId :
VW0712SBSD01

Tot Ion	83	Resp	73300
Ion Ratio	100	Lower	Upper
83	100		
85	64.1	51.4	77.0
127	8.9	6.8	10.2

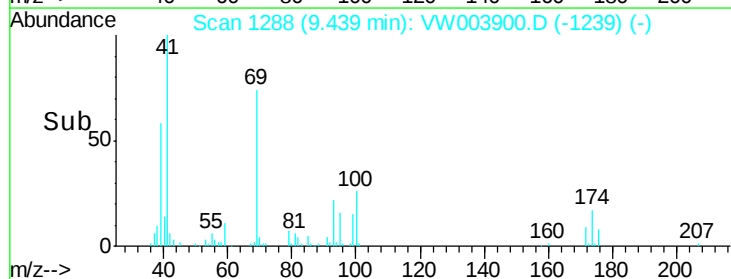
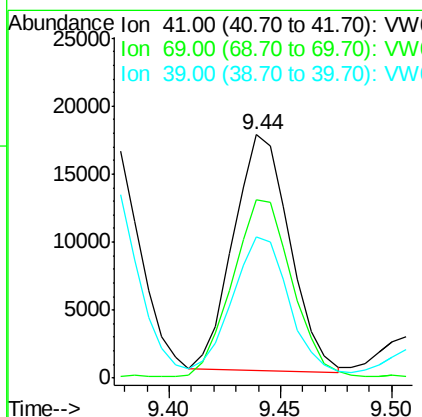
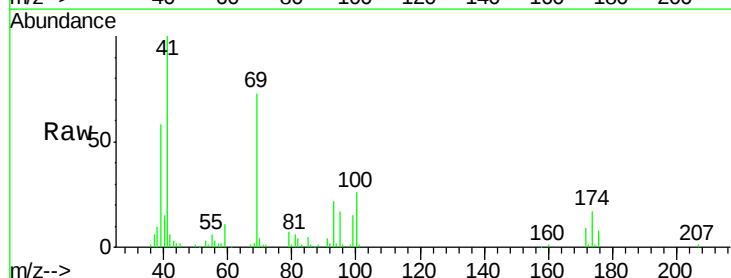
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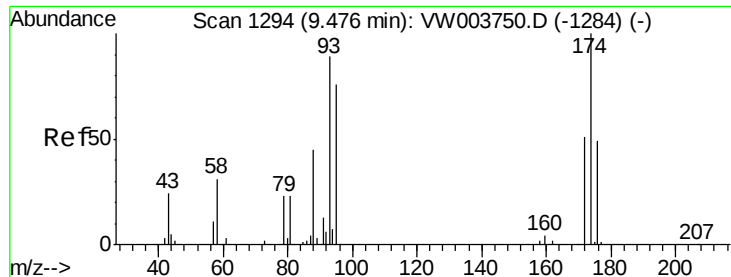
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#48
Methyl methacrylate
Concen: 18.720 ug/l
RT: 9.44 min Scan# 1288
Delta R.T. -0.00 min
Lab File: VW003900.D
Acq: 12 Jul 2018 16:40

Tgt Ion	41	Resp	30483
Ion Ratio	100	Lower	Upper
41	100		
69	80.2	63.8	95.8
39	62.4	50.2	75.2





#49

1,4-Dioxane

Concen: 366.913 ug/l

RT: 9.49 min Scan# 1296

Delta R.T. 0.01 min

Lab File: VW003900.D

Acq: 12 Jul 2018 16:40

Instrument :

MSVOA_W

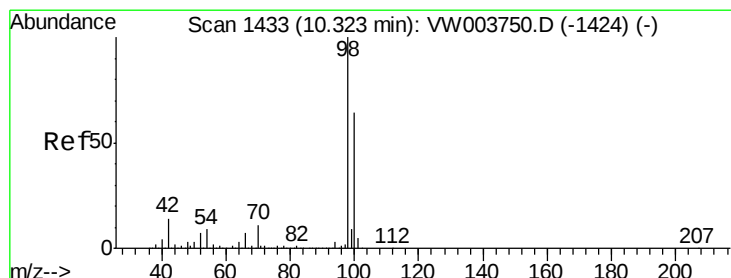
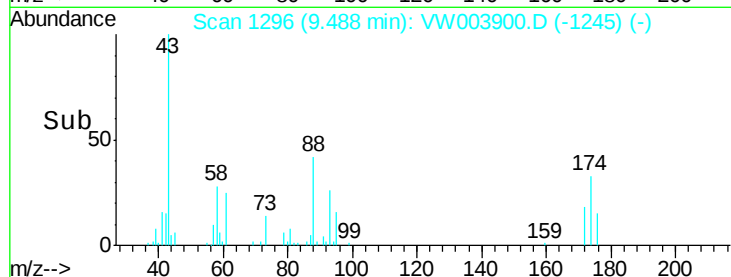
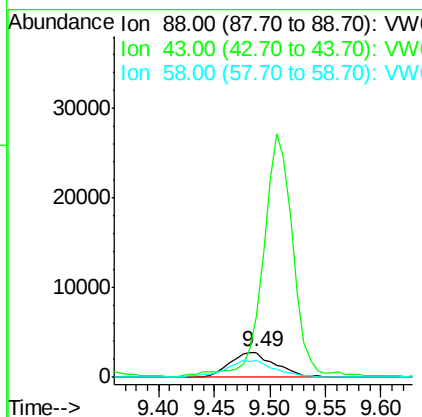
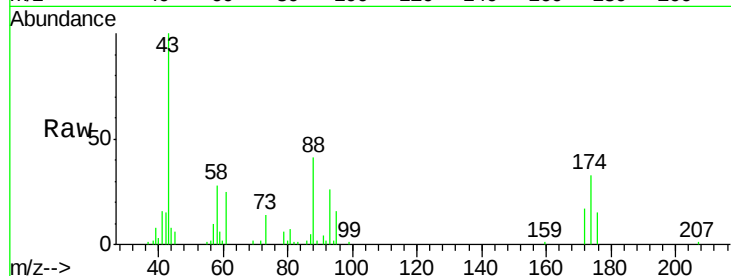
ClientSampled :

VW0712SBSD01

Tot Ion:	88	Resp:	7947
Ion Ratio	Lower	Upper	
88	100		
43	0.0	0.0	0.0
58	72.8	59.7	89.5

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#50

Toluene-d8

Concen: 48.929 ug/l

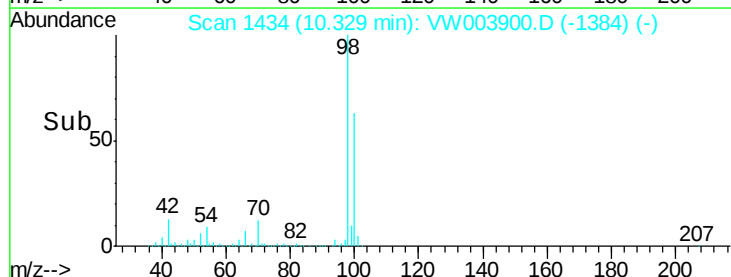
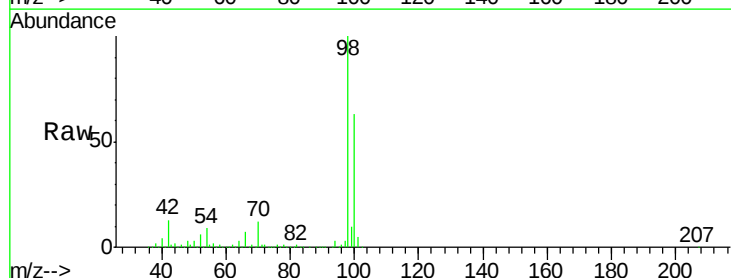
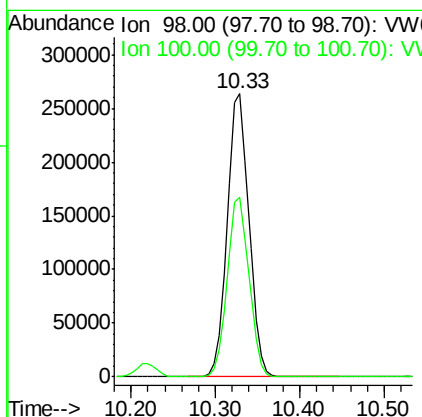
RT: 10.33 min Scan# 1434

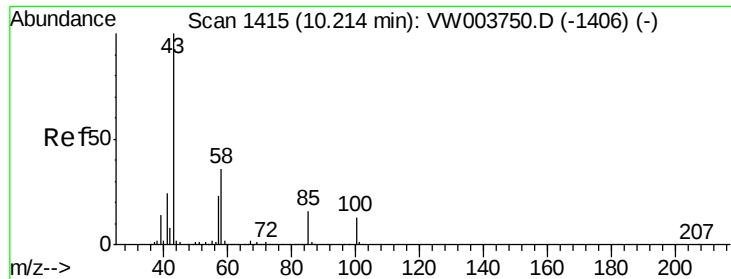
Delta R.T. 0.01 min

Lab File: VW003900.D

Acq: 12 Jul 2018 16:40

Tgt Ion:	98	Resp:	457744
Ion Ratio	Lower	Upper	
98	100		
100	63.7	50.8	76.2





#51

4-Methyl-2-Pentanone

Concen: 93.583 ug/l

RT: 10.21 min Scan# 1415

Delta R.T. -0.00 min

Lab File: VW003900.D

Acq: 12 Jul 2018 16:40

Instrument :

MSVOA_W

ClientSampled :

VW0712SBSD01

Tot Ion: 43 Resp: 165580

Ion Ratio Lower Upper

43 100

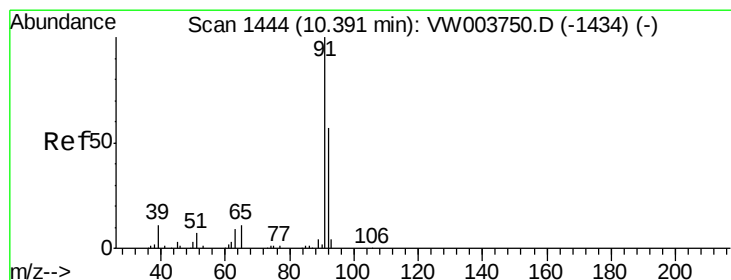
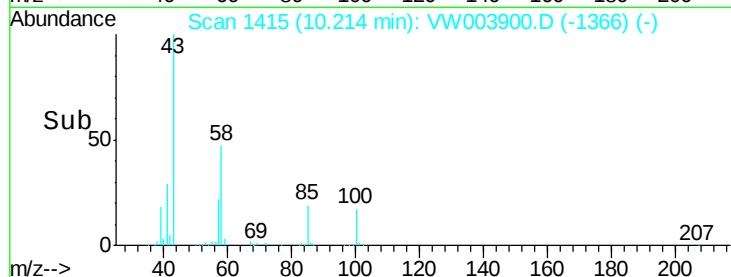
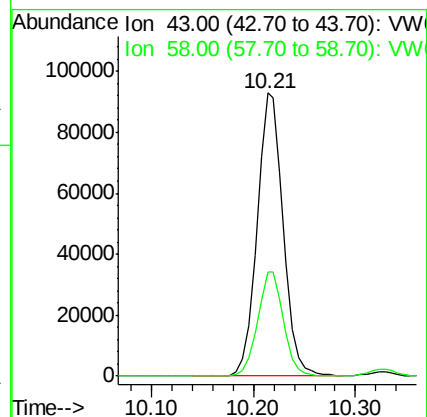
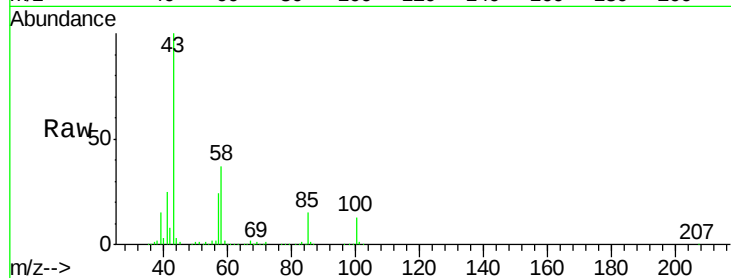
58 36.5 29.3 43.9

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#52

Toluene

Concen: 22.163 ug/l

RT: 10.39 min Scan# 1444

Delta R.T. -0.00 min

Lab File: VW003900.D

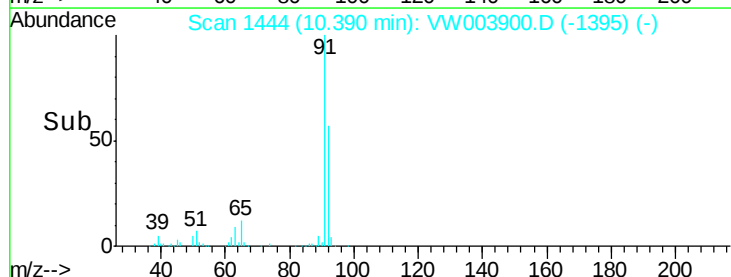
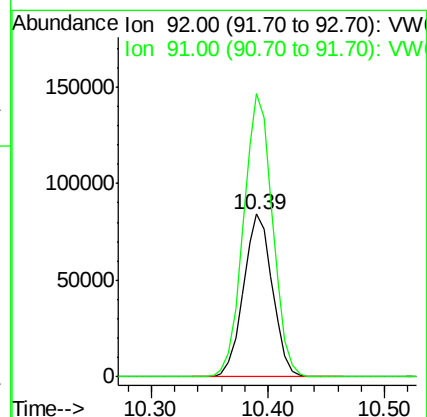
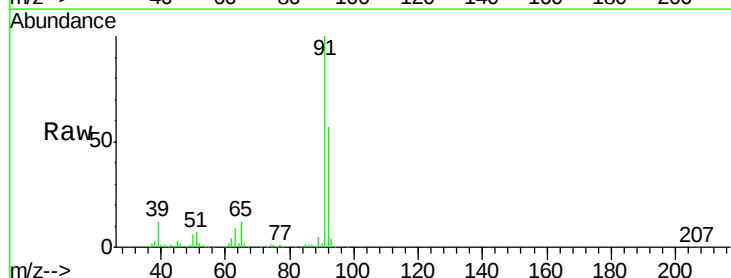
Acq: 12 Jul 2018 16:40

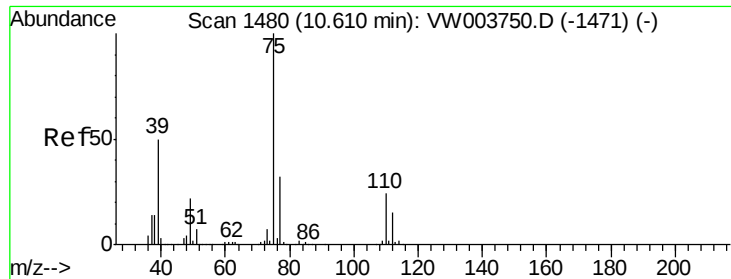
Tgt Ion: 92 Resp: 145672

Ion Ratio Lower Upper

92 100

91 174.6 140.6 211.0





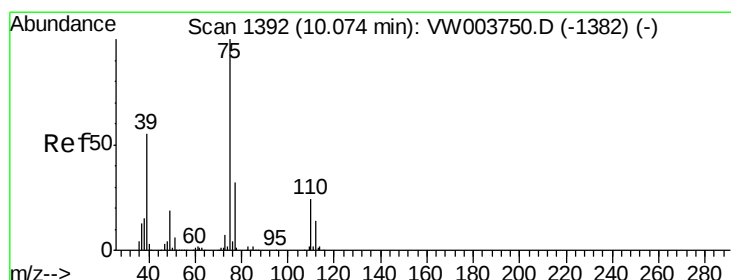
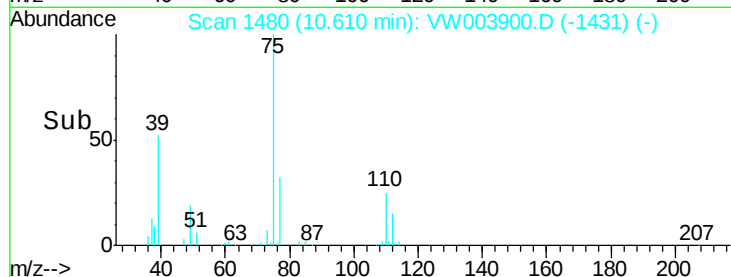
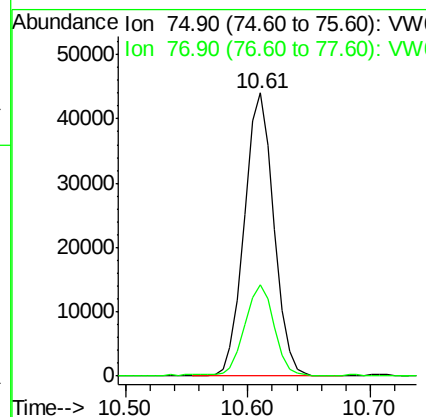
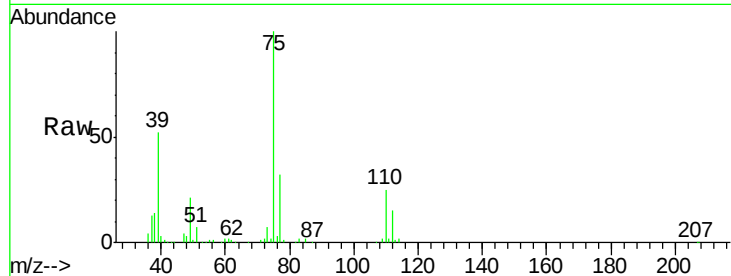
#53
 t-1,3-Dichloropropene
 Concen: 20.647 ug/l
 RT: 10.61 min Scan# 1480
 Delta R.T. -0.00 min
 Lab File: VW003900.D
 Acq: 12 Jul 2018 16:40

Instrument :
 MSVOA_W
 ClientSampleID :
 VW0712SBSD01

Tot Ion	Ratio	Lower	Upper
75	100		
77	32.1	25.5	38.3

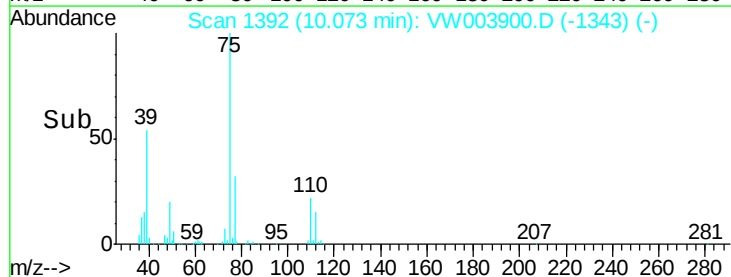
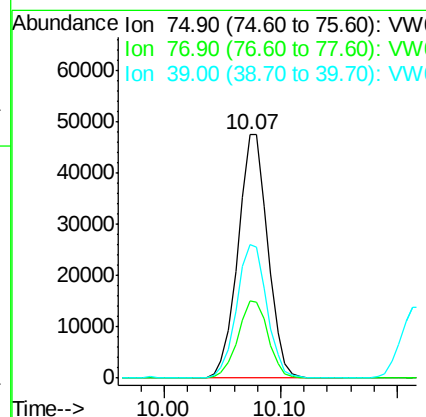
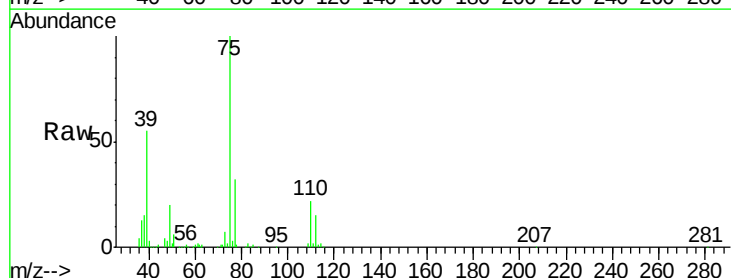
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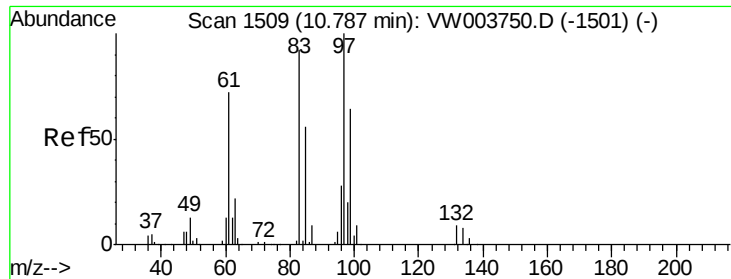
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#54
 cis-1,3-Dichloropropene
 Concen: 21.126 ug/l
 RT: 10.07 min Scan# 1392
 Delta R.T. -0.00 min
 Lab File: VW003900.D
 Acq: 12 Jul 2018 16:40

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.9	25.6	38.4
39	54.8	43.6	65.4





#55

1,1,2-Trichloroethane

Concen: 19.991 ug/l

RT: 10.79 min Scan# 1510

Delta R.T. 0.01 min

Lab File: VW003900.D

Acq: 12 Jul 2018 16:40

Instrument :

MSVOA_W

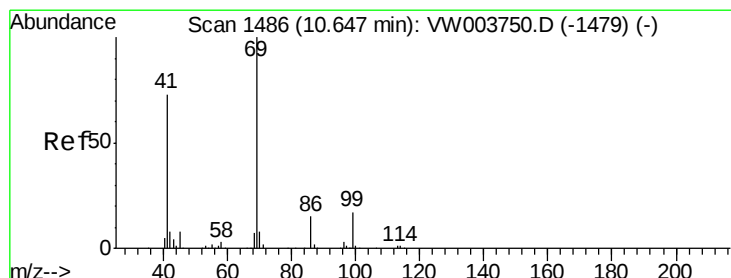
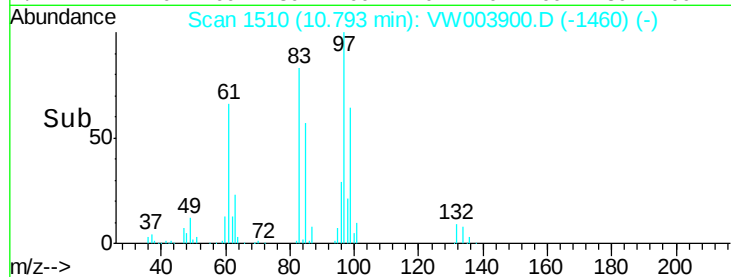
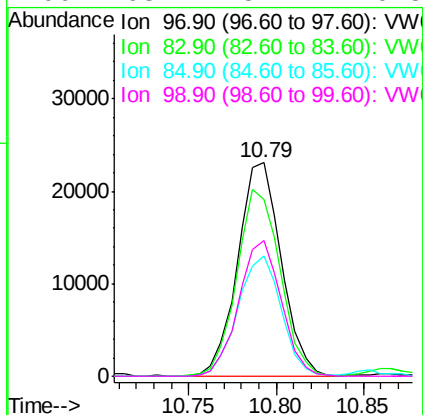
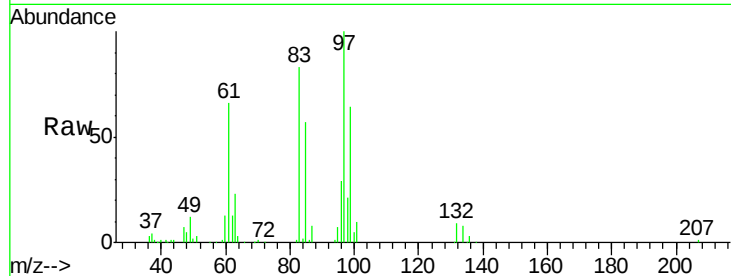
ClientSampleId :

VW0712SBSD01

Tot Ion:	97	Resp:	40237
Ion	Ratio	Lower	Upper
97	100		
83	82.3	73.8	110.6
85	56.4	45.0	67.4
99	63.7	51.2	76.8

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#56

Ethyl methacrylate

Concen: 19.615 ug/l

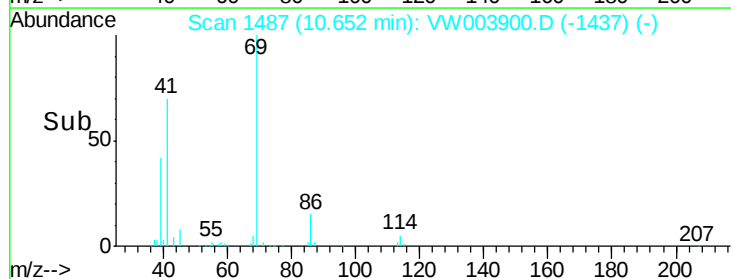
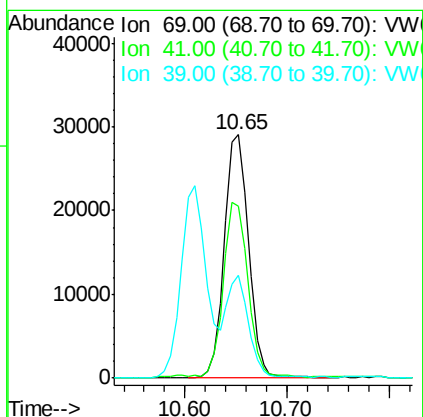
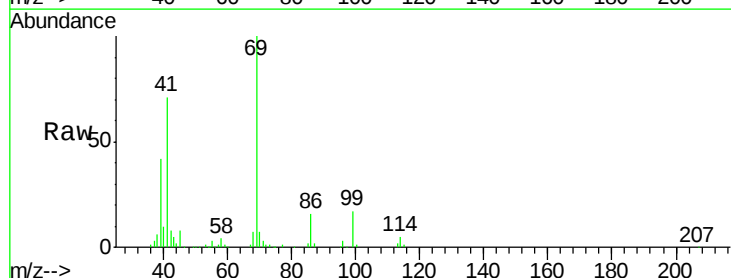
RT: 10.65 min Scan# 1487

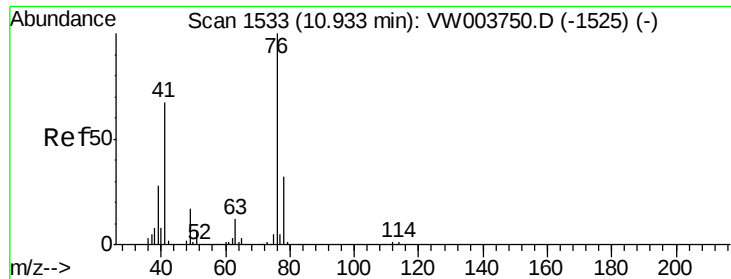
Delta R.T. 0.01 min

Lab File: VW003900.D

Acq: 12 Jul 2018 16:40

Tgt Ion:	69	Resp:	48179
Ion	Ratio	Lower	Upper
69	100		
41	72.9	59.0	88.4
39	36.3	32.8	49.2





#57

1,3-Dichloropropane

Concen: 20.167 ug/l

RT: 10.94 min Scan# 1534

Delta R.T. 0.01 min

Lab File: VW003900.D

Acq: 12 Jul 2018 16:40

Instrument :

MSVOA_W

ClientSampleId :

VW0712SBSD01

Tot Ion: 76 Resp: 70747

Ion Ratio Lower Upper

76 100

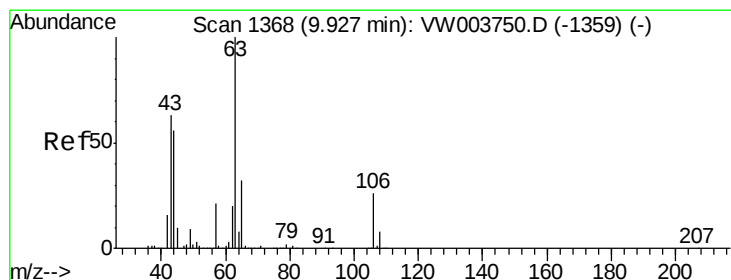
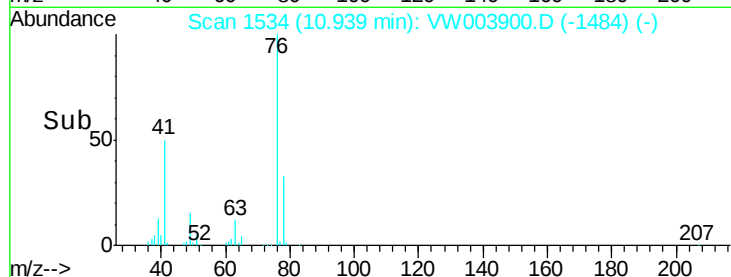
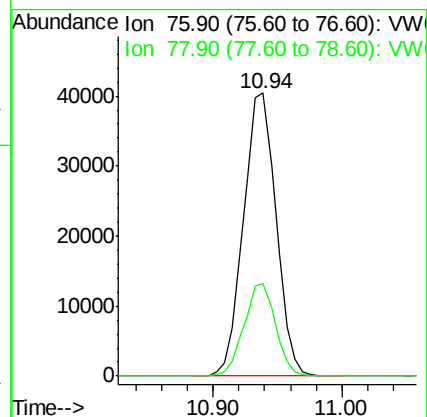
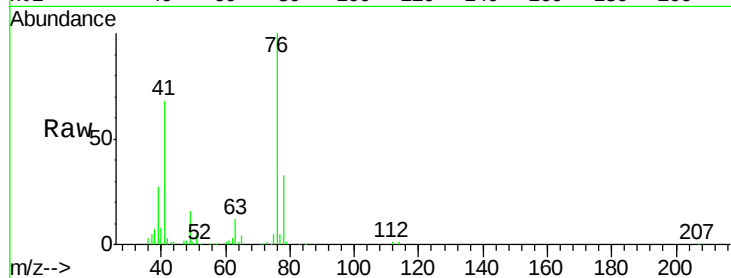
78 31.6 25.6 38.4

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#58

2-Chloroethyl Vinyl ether

Concen: 88.199 ug/l

RT: 9.93 min Scan# 1368

Delta R.T. -0.00 min

Lab File: VW003900.D

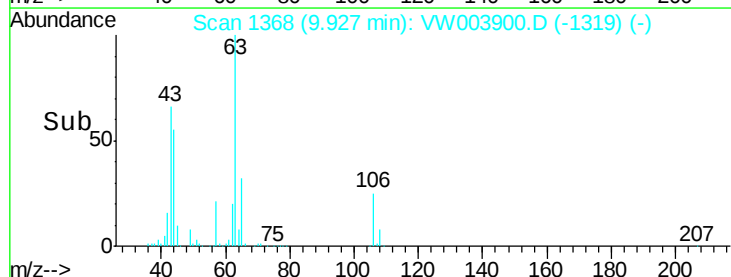
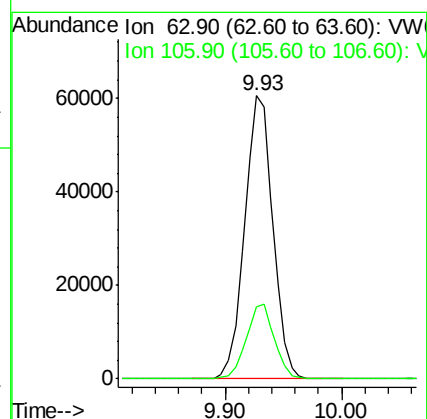
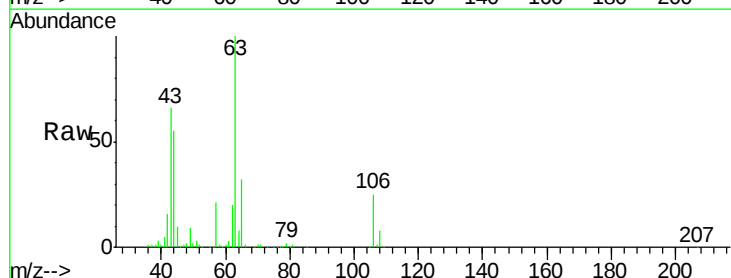
Acq: 12 Jul 2018 16:40

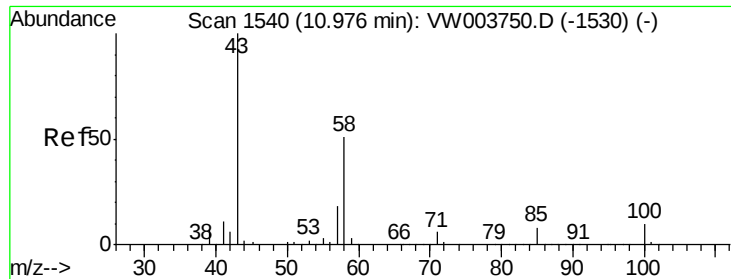
Tgt Ion: 63 Resp: 102427

Ion Ratio Lower Upper

63 100

106 26.2 20.9 31.3





#59

2-Hexanone

Concen: 97.147 ug/l

RT: 10.98 min Scan# 1540

Delta R.T. -0.00 min

Lab File: VW003900.D

Acq: 12 Jul 2018 16:40

Instrument :

MSVOA_W

ClientSampleId :

VW0712SBSD01

Tot Ion: 43 Resp: 118032

Ion Ratio Lower Upper

43 100

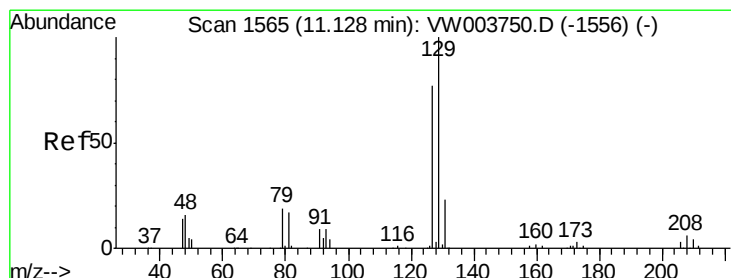
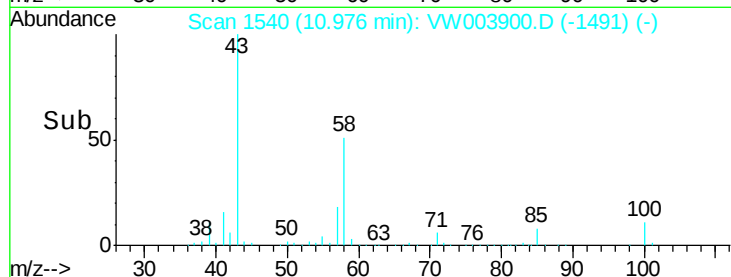
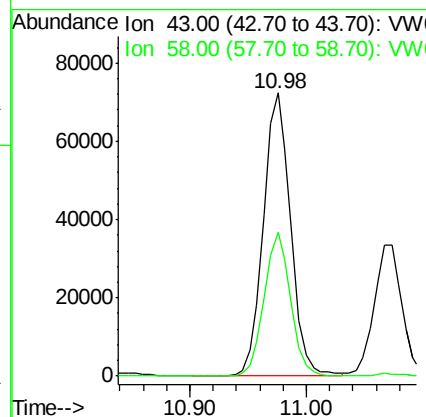
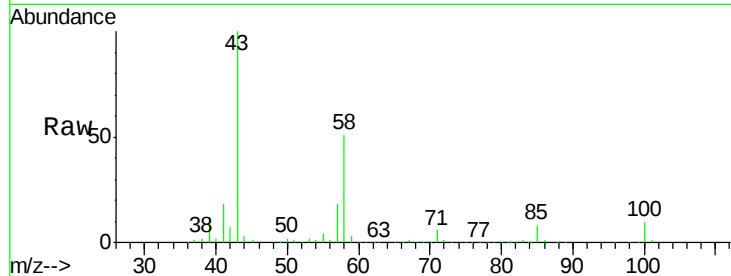
58 49.3 25.4 76.2

Manual Integrations

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#60

Dibromochloromethane

Concen: 19.504 ug/l

RT: 11.13 min Scan# 1565

Delta R.T. -0.00 min

Lab File: VW003900.D

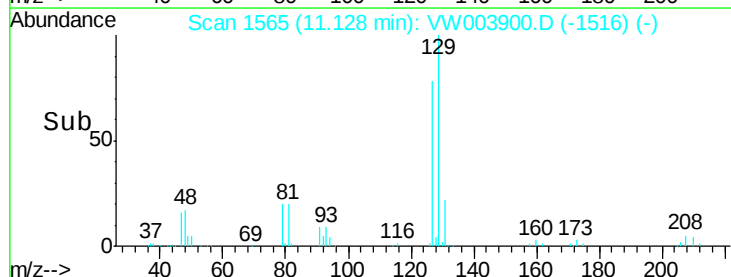
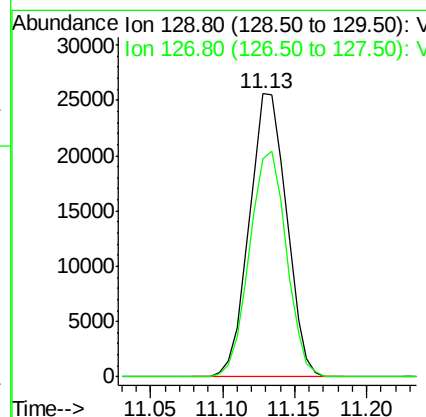
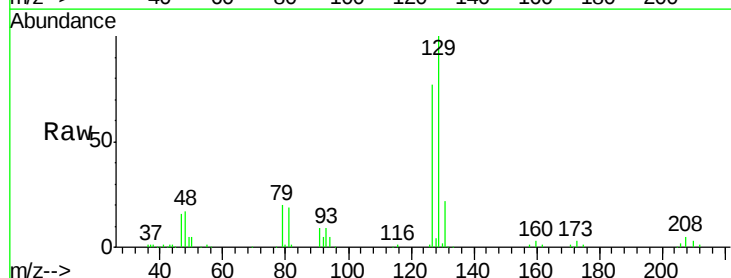
Acq: 12 Jul 2018 16:40

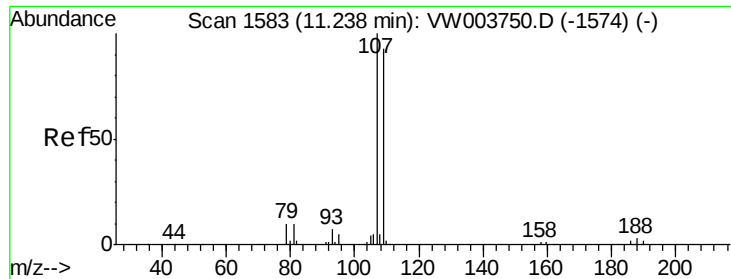
Tgt Ion: 129 Resp: 45826

Ion Ratio Lower Upper

129 100

127 78.9 38.9 116.6





#61

1,2-Dibromoethane

Concen: 19.176 ug/l

RT: 11.24 min Scan# 1583

Delta R.T. -0.00 min

Lab File: VW003900.D

Acq: 12 Jul 2018 16:40

Instrument :

MSVOA_W

ClientSampleId :

VW0712SBSD01

Tot Ion: 107 Resp: 36911

Ion Ratio Lower Upper

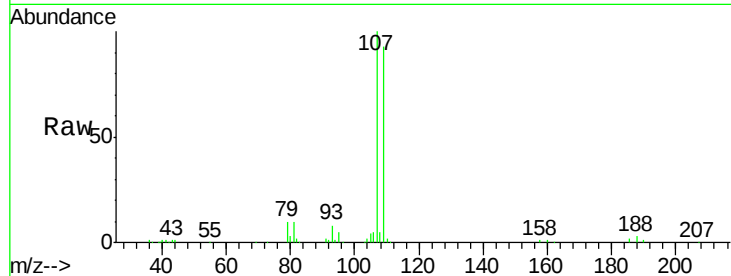
107 100

109 96.1 75.1 112.7

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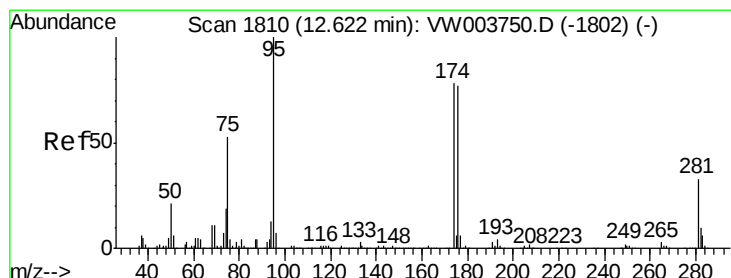
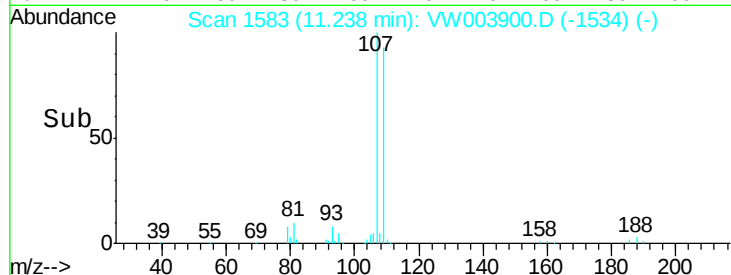
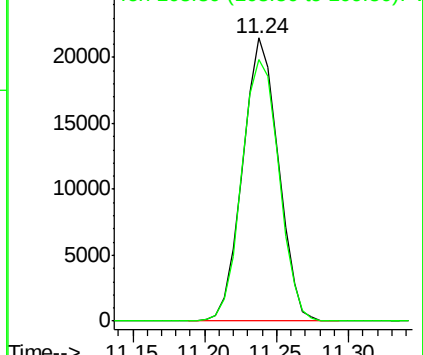
apatel

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 48.202 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. -0.00 min

Lab File: VW003900.D

Acq: 12 Jul 2018 16:40

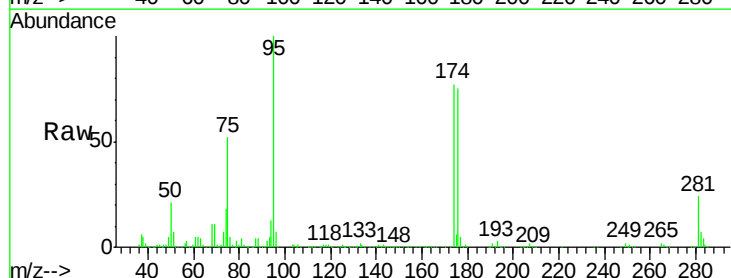
Tgt Ion: 95 Resp: 163158

Ion Ratio Lower Upper

95 100

174 79.9 0.0 163.4

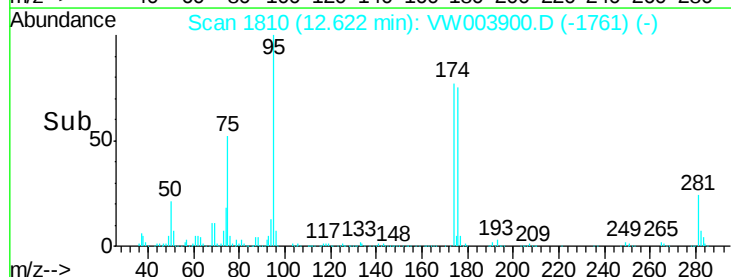
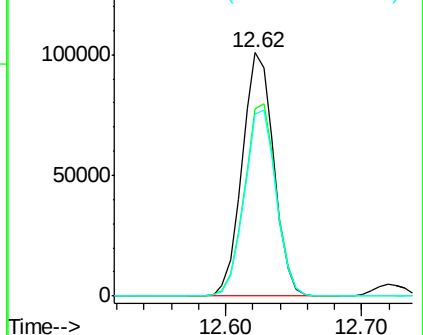
176 77.2 0.0 156.8

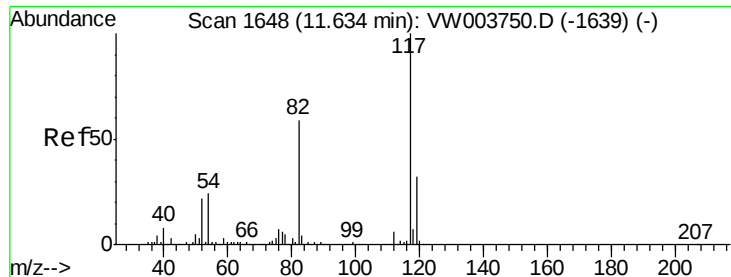


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





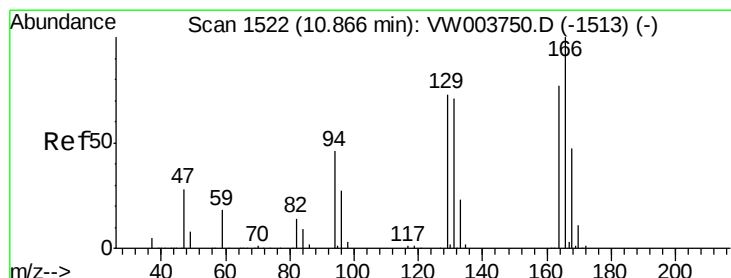
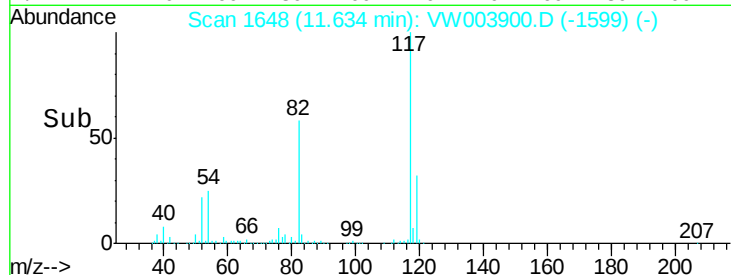
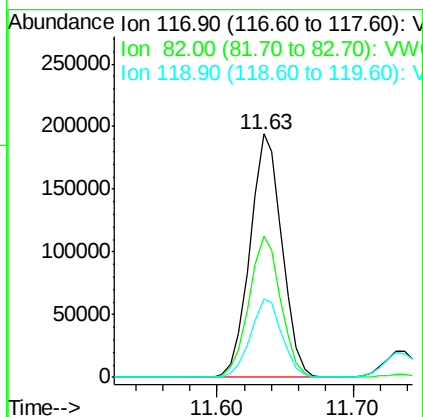
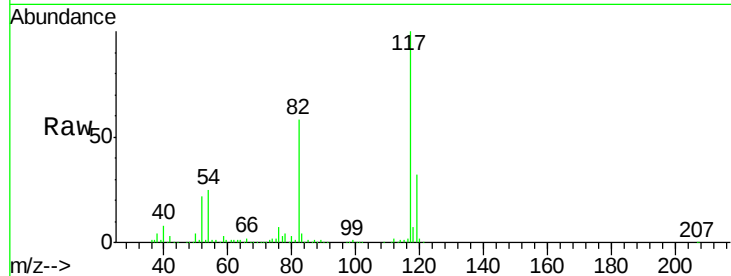
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. -0.00 min
Lab File: VW003900.D
Acq: 12 Jul 2018 16:40

Instrument :
MSVOA_W
ClientSampleId :
VW0712SBSD01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	319919		
82	58.2	46.9	70.3	
119	32.5	25.5	38.3	

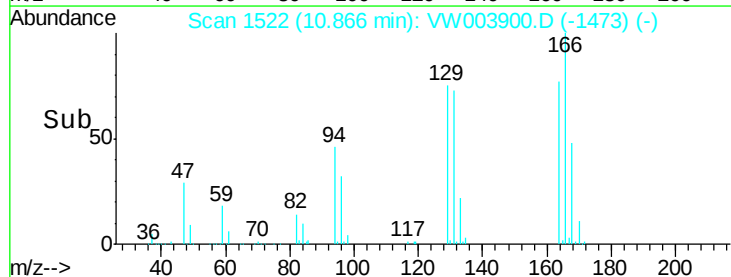
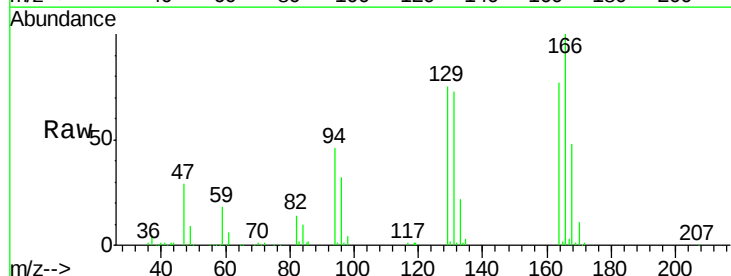
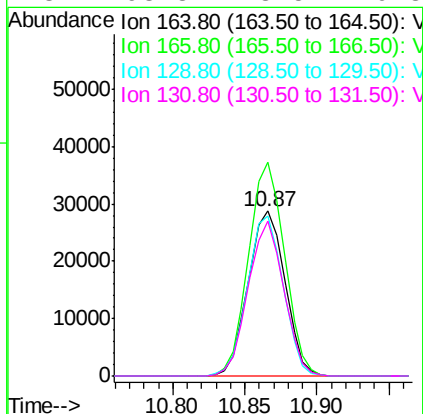
Manual Integrations
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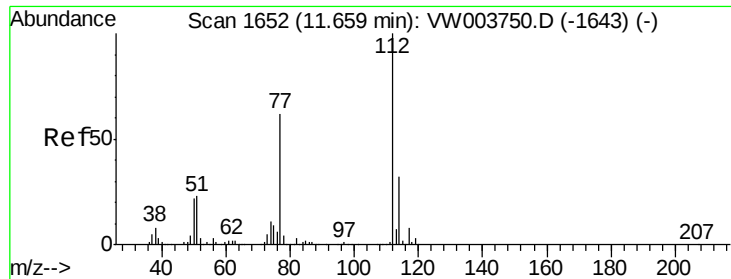
apatel
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#64
Tetrachloroethene
Concen: 21.497 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. -0.00 min
Lab File: VW003900.D
Acq: 12 Jul 2018 16:40

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	50871		
166	129.4	104.2	156.4	
129	97.2	75.8	113.8	
131	93.8	73.5	110.3	





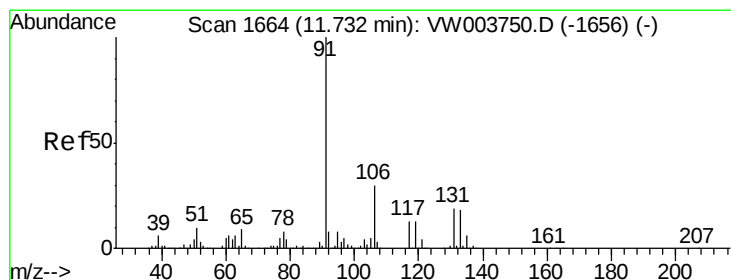
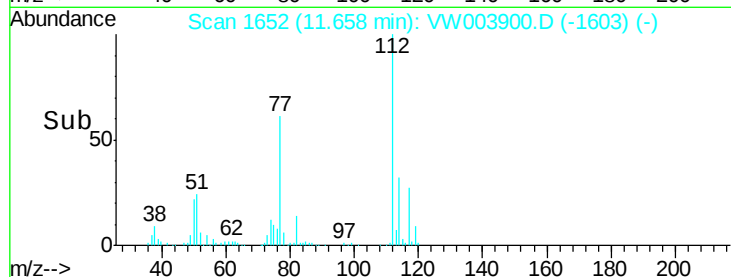
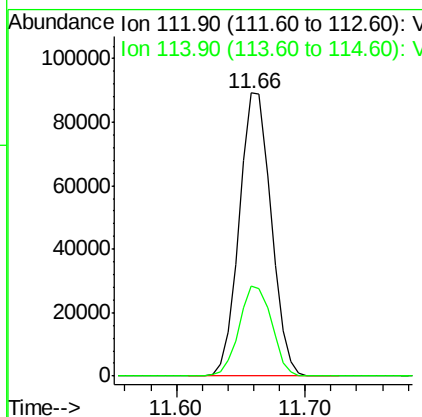
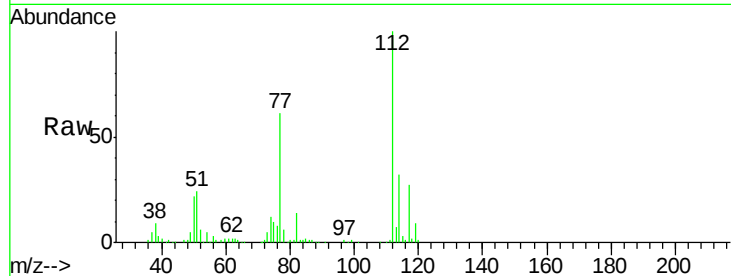
#65
Chlorobenzene
Concen: 21.674 ug/l
RT: 11.66 min Scan# 1652
Delta R.T. -0.00 min
Lab File: VW003900.D
Acq: 12 Jul 2018 16:40

Instrument :
MSVOA_W
ClientSampleId :
VW0712SBSD01

Tot Ion:112 Resp: 152853
Ion Ratio Lower Upper
112 100
114 31.9 26.0 39.0

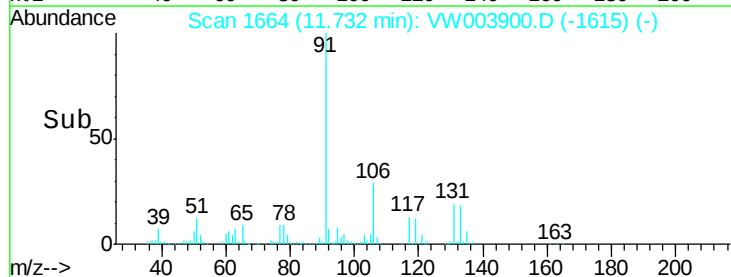
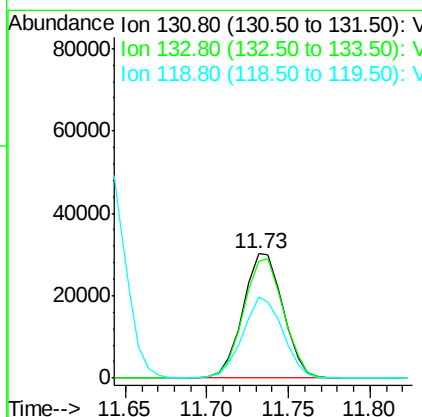
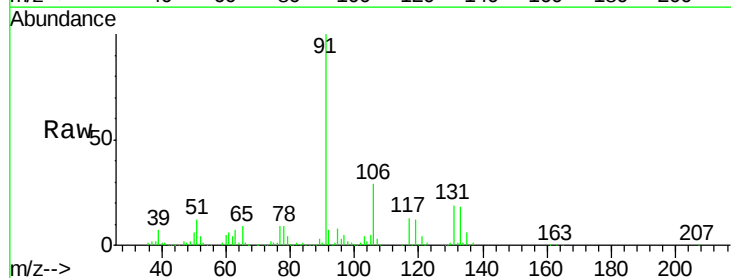
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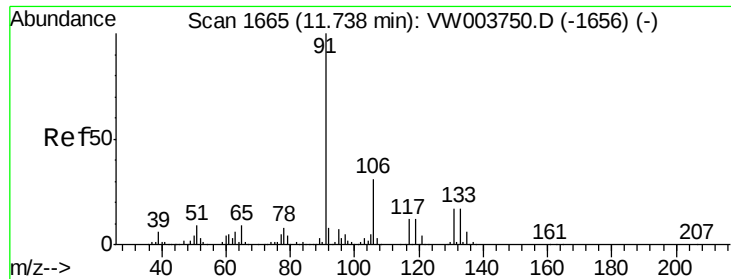
apatel
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#66
1,1,1,2-Tetrachloroethane
Concen: 21.036 ug/l
RT: 11.73 min Scan# 1664
Delta R.T. -0.00 min
Lab File: VW003900.D
Acq: 12 Jul 2018 16:40

Tgt Ion:131 Resp: 51843
Ion Ratio Lower Upper
131 100
133 96.4 48.0 144.2
119 65.1 33.2 99.6





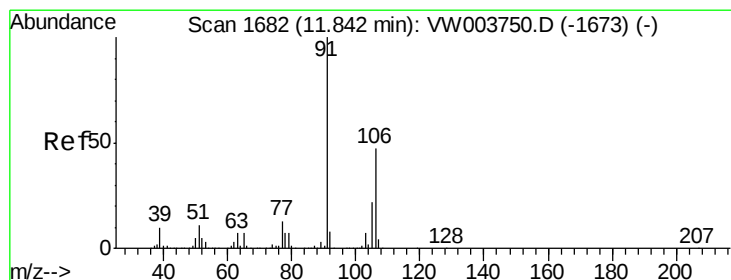
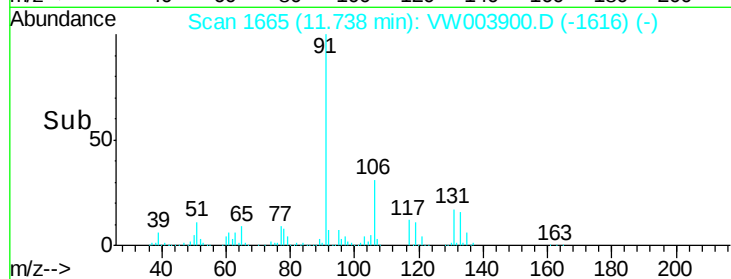
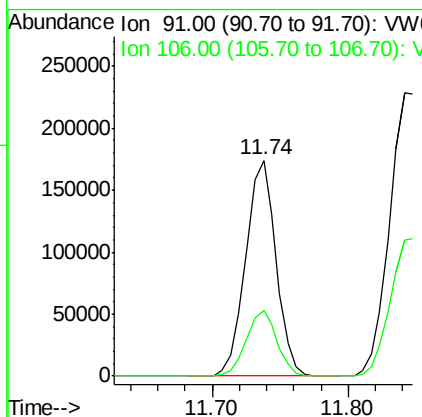
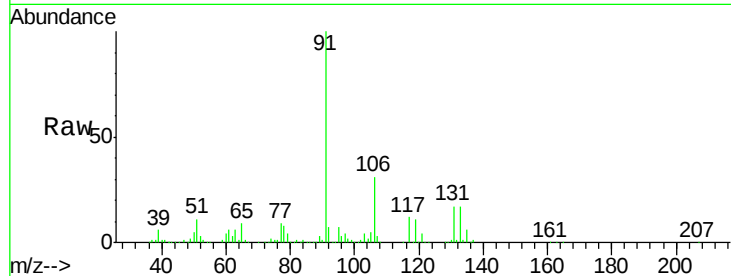
#67
Ethyl Benzene
Concen: 22.559 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. -0.00 min
Lab File: VW003900.D
Acq: 12 Jul 2018 16:40

Instrument :
MSVOA_W
ClientSampleId :
VW0712SBSD01

Tot Ion: 91 Resp: 272042
Ion Ratio Lower Upper
91 100
106 30.7 24.6 37.0

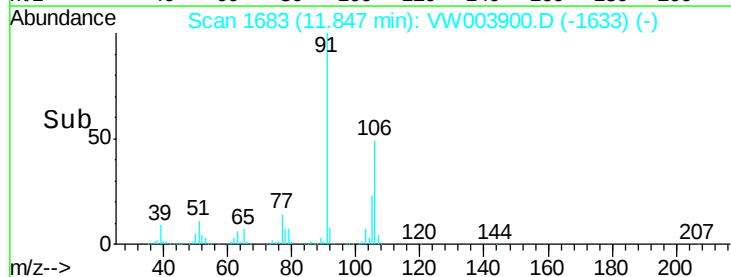
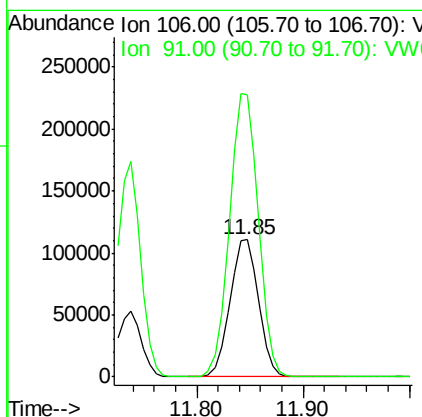
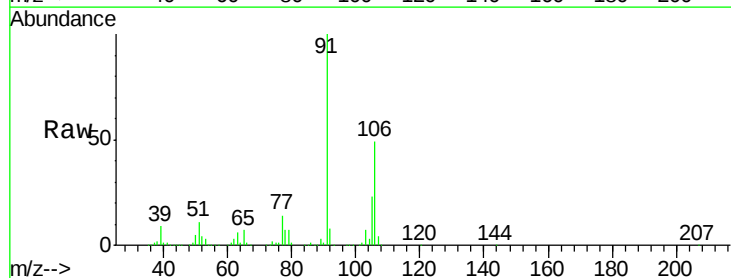
Manual Integrations
APPROVED

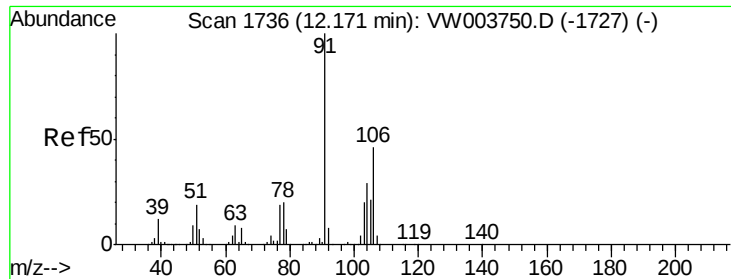
apatel
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#68
m/p-Xylenes
Concen: 45.142 ug/l
RT: 11.85 min Scan# 1683
Delta R.T. 0.01 min
Lab File: VW003900.D
Acq: 12 Jul 2018 16:40

Tgt Ion: 106 Resp: 208459
Ion Ratio Lower Upper
106 100
91 208.5 164.3 246.5





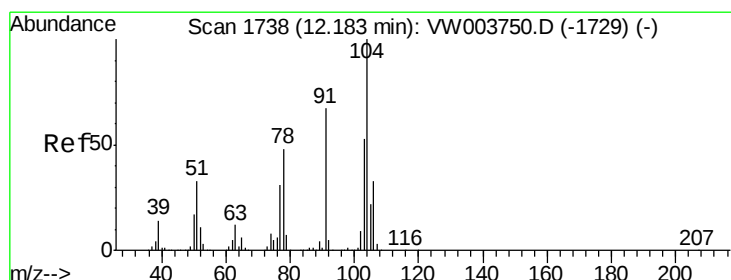
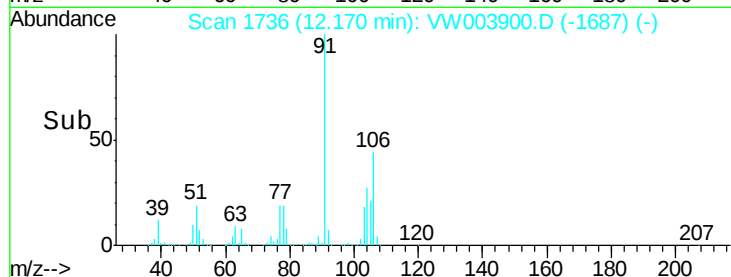
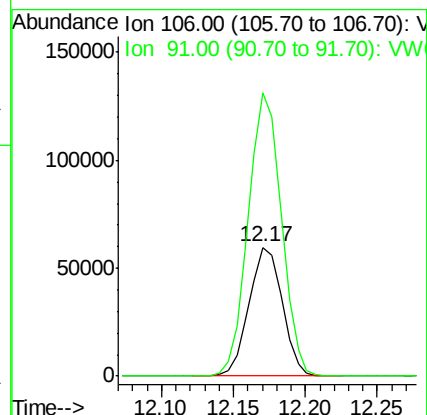
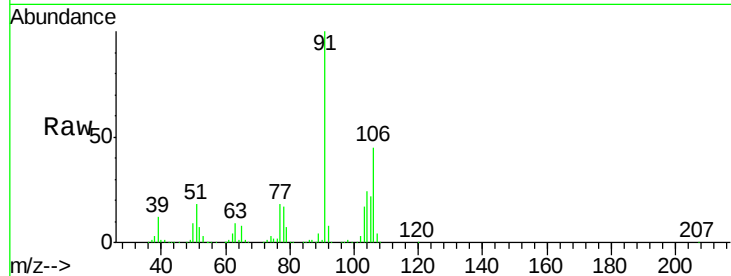
#69
o-Xylene
Concen: 22.409 ug/l
RT: 12.17 min Scan# 1736
Delta R.T. -0.00 min
Lab File: VW003900.D
Acq: 12 Jul 2018 16:40

Instrument :
MSVOA_W
ClientSampleId :
VW0712SBSD01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100		95487		
91	219.6	109.1	327.2		

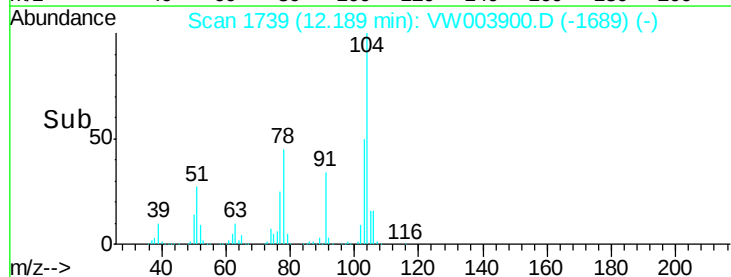
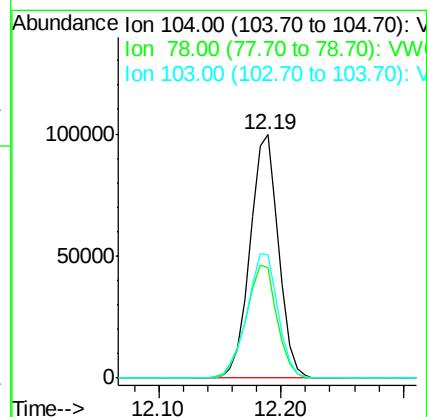
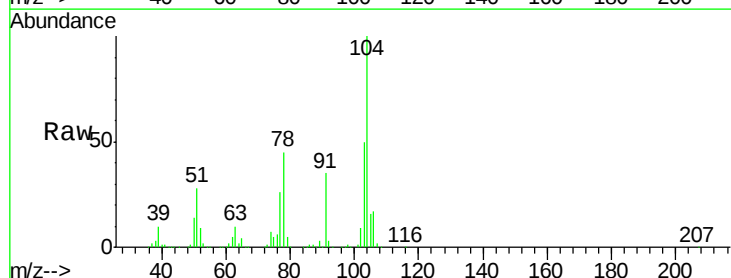
Manual Integrations
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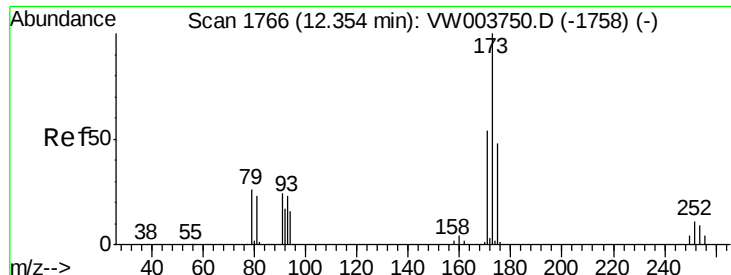
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#70
Styrene
Concen: 22.265 ug/l
RT: 12.19 min Scan# 1739
Delta R.T. 0.01 min
Lab File: VW003900.D
Acq: 12 Jul 2018 16:40

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	100		161329		
78	50.9	41.1	61.7		
103	55.7	44.6	67.0		





#71

Bromoform

Concen: 20.206 ug/l

RT: 12.35 min Scan# 1766

Delta R.T. -0.00 min

Lab File: VW003900.D

Acq: 12 Jul 2018 16:40

Instrument :

MSVOA_W

ClientSampleId :

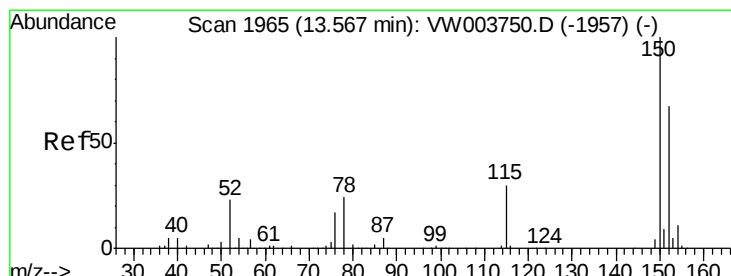
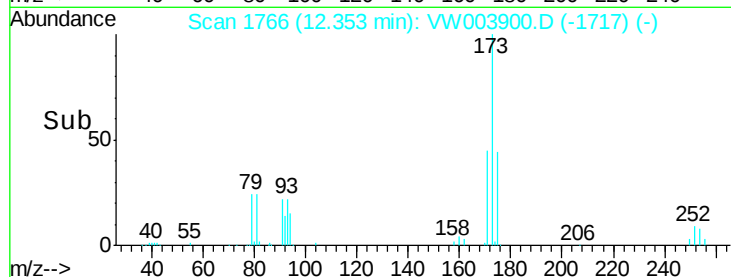
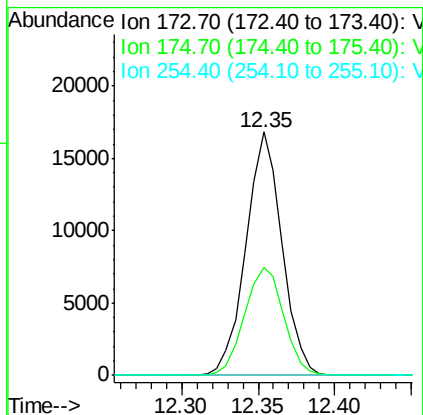
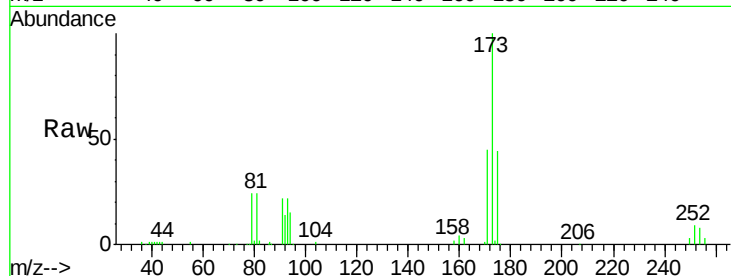
VW0712SBSD01

Tot Ion:	173	Resp:	27482
Ion Ratio	Lower	Upper	
173	100		
175	47.9	24.1	72.4
254	0.0	0.0	0.0

Manual Integrations
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apatel

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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

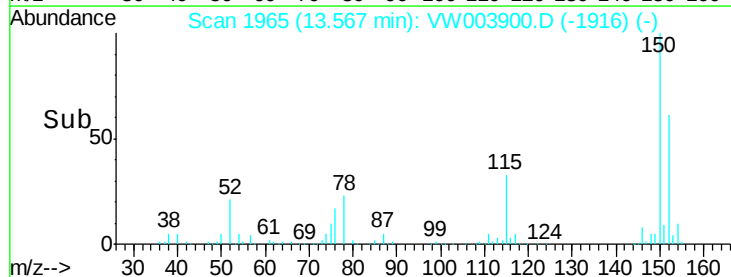
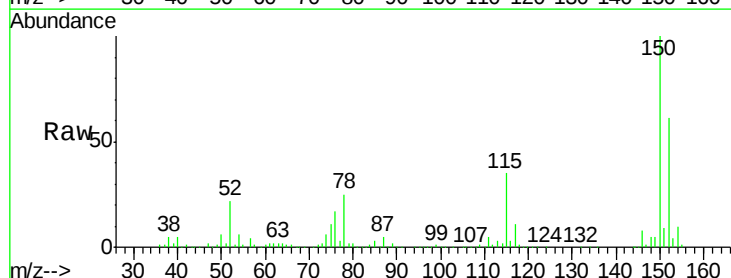
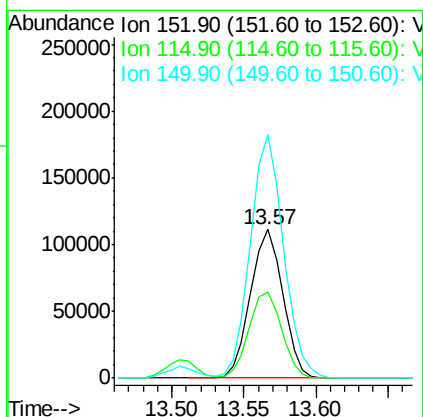
RT: 13.57 min Scan# 1965

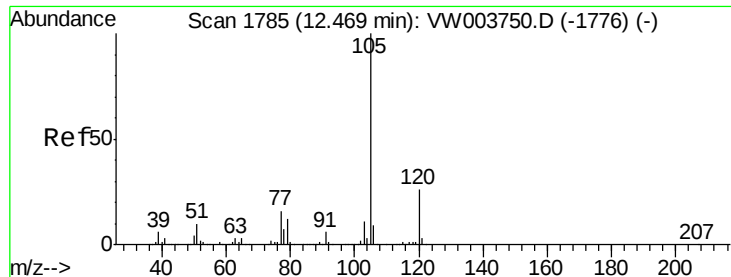
Delta R.T. -0.00 min

Lab File: VW003900.D

Acq: 12 Jul 2018 16:40

Tgt Ion:	152	Resp:	172817
Ion Ratio	Lower	Upper	
152	100		
115	58.9	28.9	86.8
150	167.5	0.0	342.4





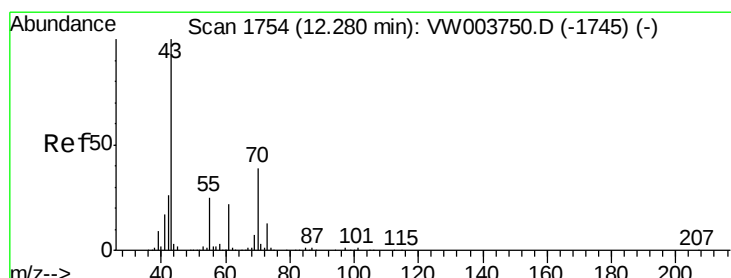
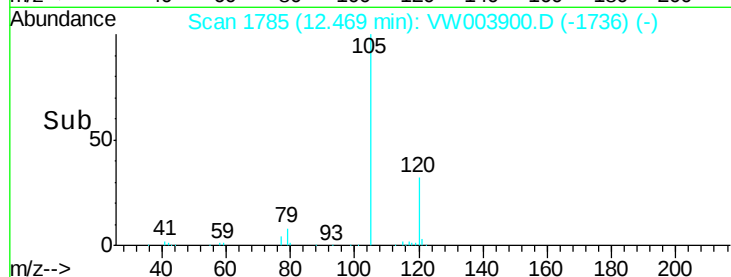
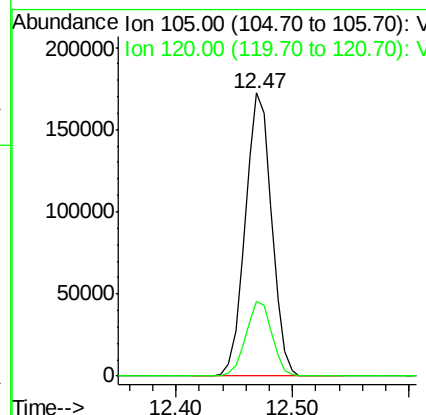
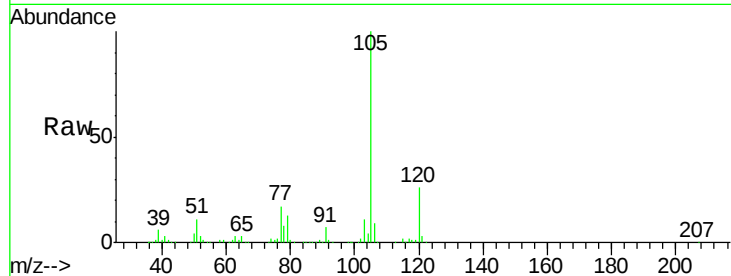
#73
Isopropylbenzene
Concen: 23.279 ug/l
RT: 12.47 min Scan# 1785
Delta R.T. -0.00 min
Lab File: VW003900.D
Acq: 12 Jul 2018 16:40

Instrument :
MSVOA_W
ClientSampleId :
VW0712SBSD01

Tot Ion	Ratio	Lower	Upper
105	100		
120	26.1	13.1	39.3

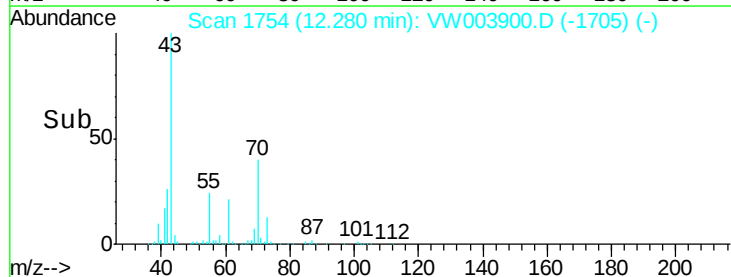
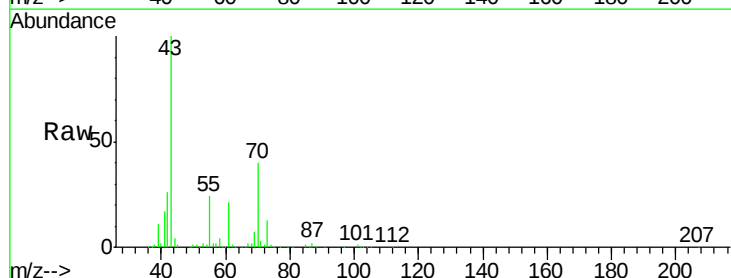
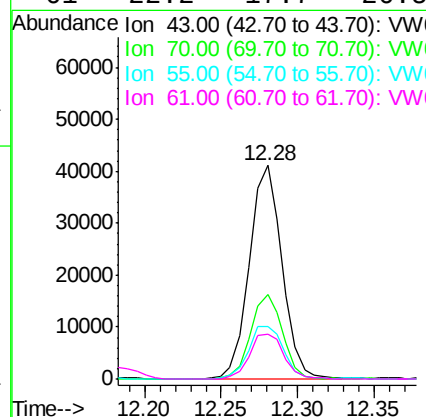
Manual Integrations
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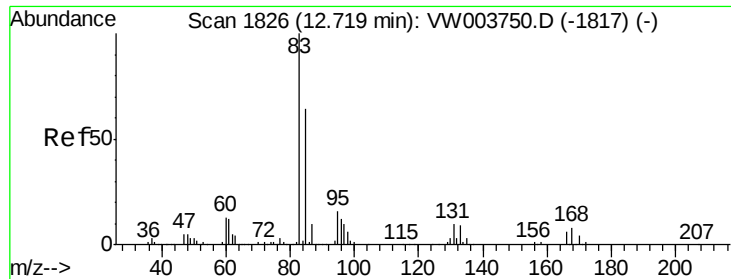
apatel
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#74
N-ethyl acetate
Concen: 19.219 ug/l
RT: 12.28 min Scan# 1754
Delta R.T. -0.00 min
Lab File: VW003900.D
Acq: 12 Jul 2018 16:40

Tgt Ion	Ratio	Lower	Upper
43	100		
70	39.0	31.3	46.9
55	26.8	20.1	30.1
61	22.2	17.7	26.5





#75

1,1,2,2-Tetrachloroethane

Concen: 20.017 ug/l

RT: 12.72 min Scan# 1826

Delta R.T. -0.00 min

Lab File: VW003900.D

Acq: 12 Jul 2018 16:40

Instrument :

MSVOA_W

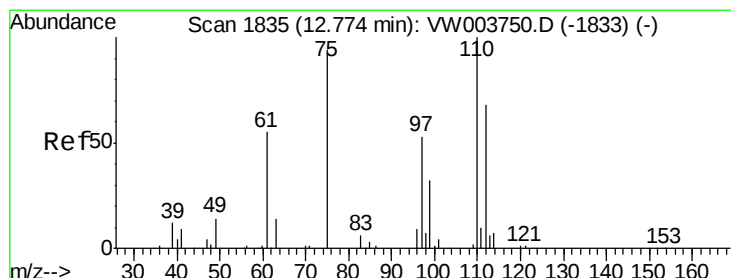
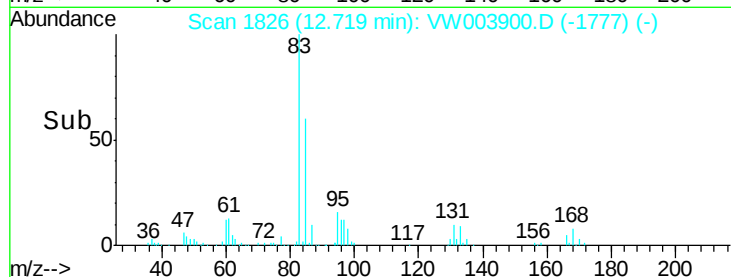
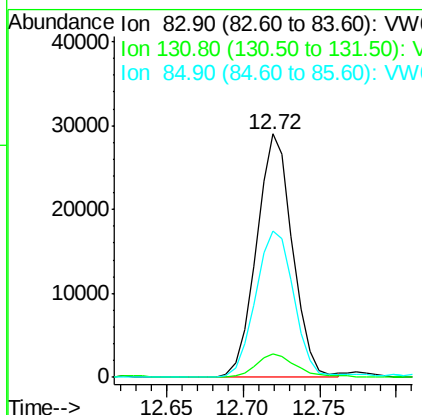
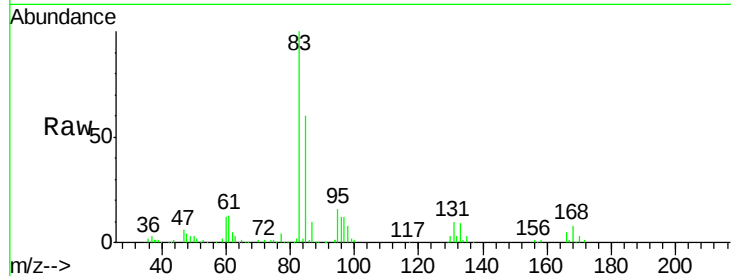
ClientSampleId :

VW0712SBSD01

Tot Ion:	83	Resp:	47493
Ion Ratio	Lower	Upper	
83	100		
131	10.8	5.1	15.4
85	63.7	32.1	96.3

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#76

1,2,3-Trichloropropane

Concen: 18.822 ug/l m

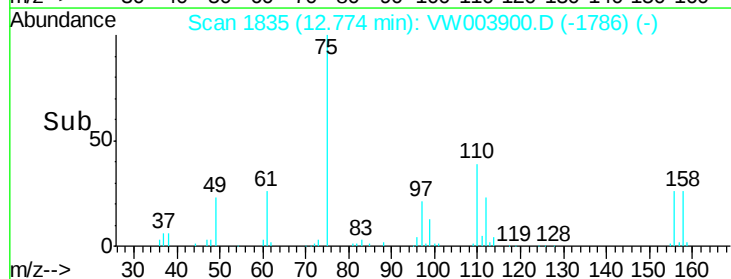
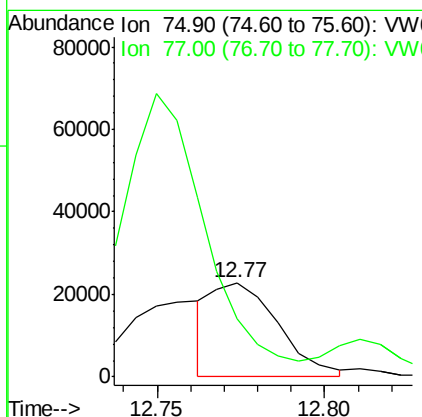
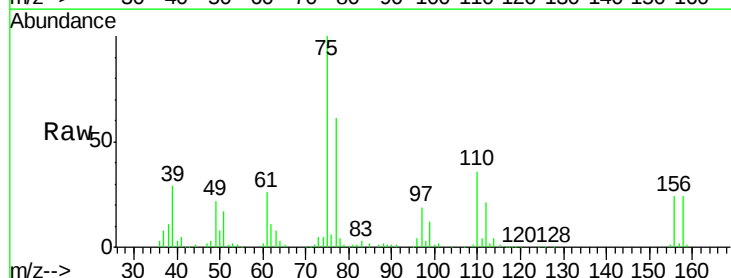
RT: 12.77 min Scan# 1835

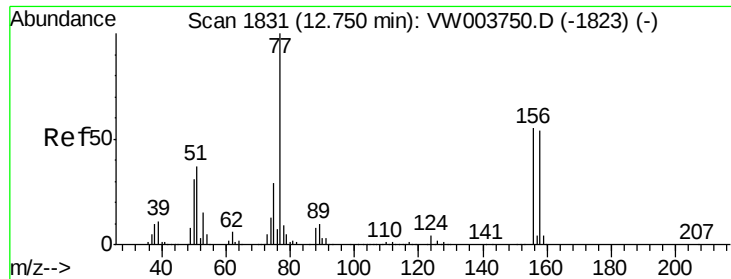
Delta R.T. -0.00 min

Lab File: VW003900.D

Acq: 12 Jul 2018 16:40

Tgt Ion:	75	Resp:	31941
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





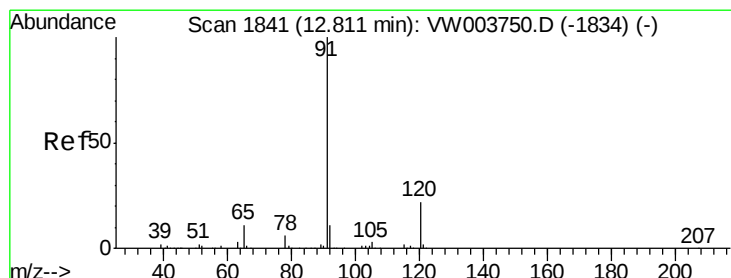
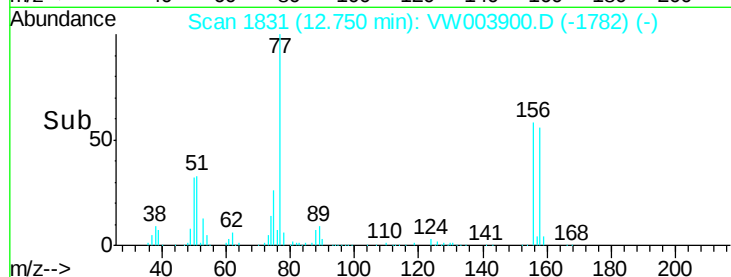
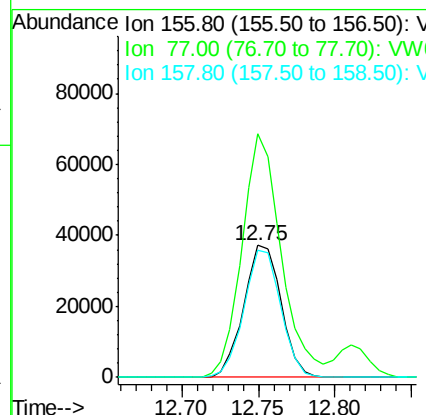
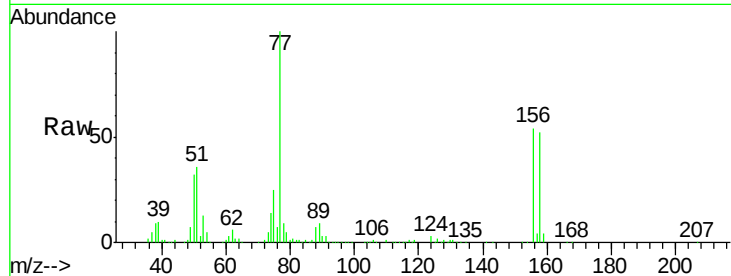
#77
Bromobenzene
Concen: 21.737 ug/l
RT: 12.75 min Scan# 1831
Delta R.T. -0.00 min
Lab File: VW003900.D
Acq: 12 Jul 2018 16:40

Instrument :
MSVOA_W
ClientSampleId :
VW0712SBSD01

Tot Ion	Ratio	Lower	Upper
156	100		
77	194.2	98.7	296.0
158	94.9	49.0	147.0

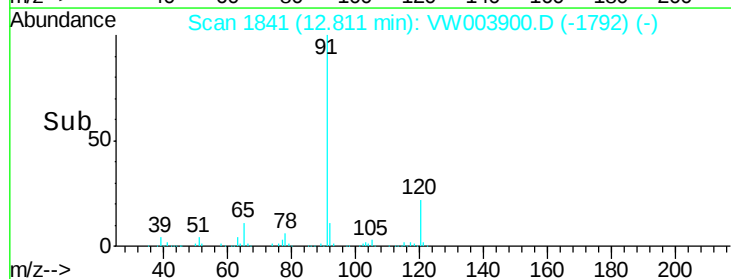
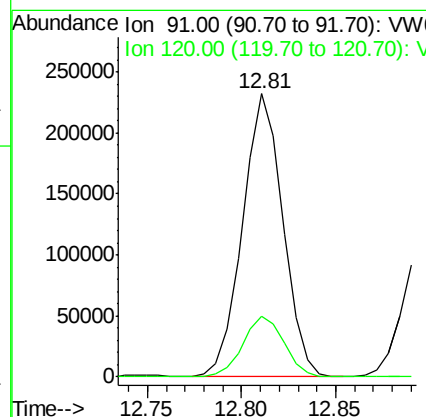
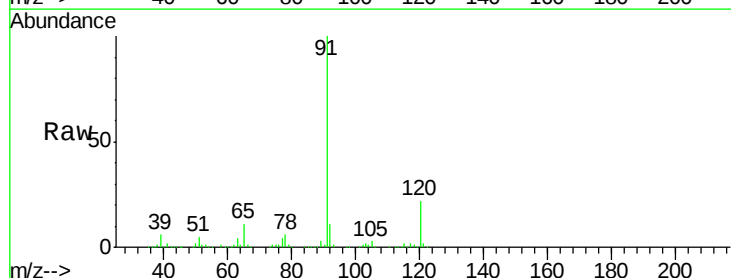
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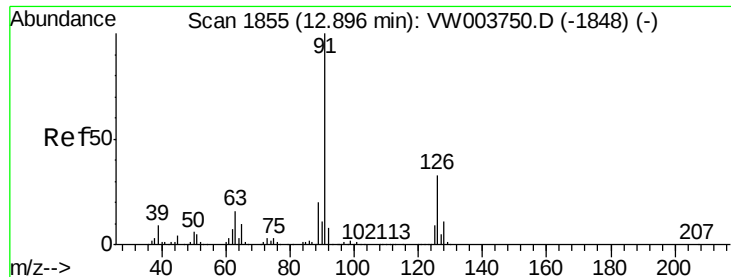
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#78
n-propylbenzene
Concen: 23.443 ug/l
RT: 12.81 min Scan# 1841
Delta R.T. -0.00 min
Lab File: VW003900.D
Acq: 12 Jul 2018 16:40

Tgt Ion	Ratio	Lower	Upper
91	100		
120	22.0	11.2	33.6





#79

2-Chlorotoluene

Concen: 23.142 ug/l

RT: 12.90 min Scan# 1855

Delta R.T. -0.00 min

Lab File: VW003900.D

Acq: 12 Jul 2018 16:40

Instrument :

MSVOA_W

ClientSampleId :

VW0712SBSD01

Tot Ion: 91 Resp: 195330

Ion Ratio Lower Upper

91 100

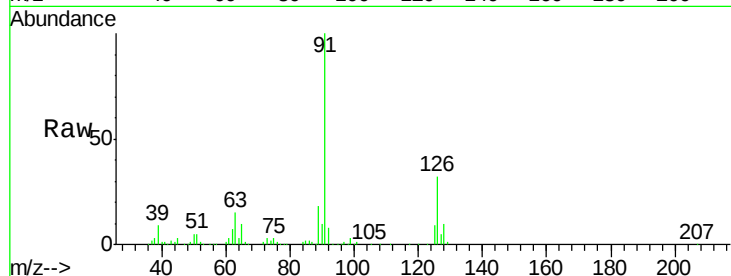
126 32.8 17.0 51.0

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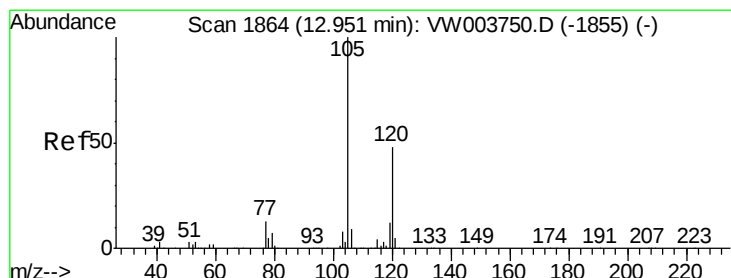
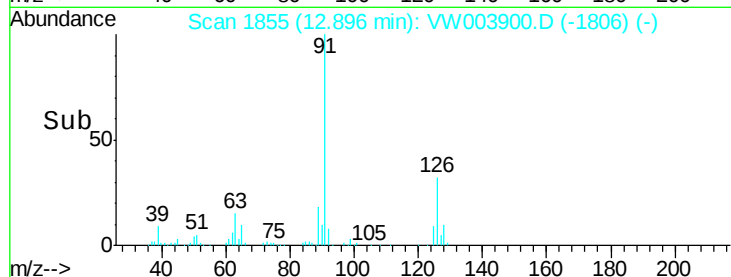
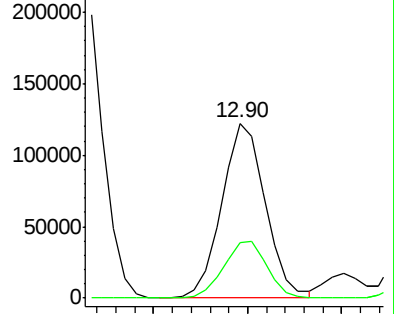
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Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 23.266 ug/l

RT: 12.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VW003900.D

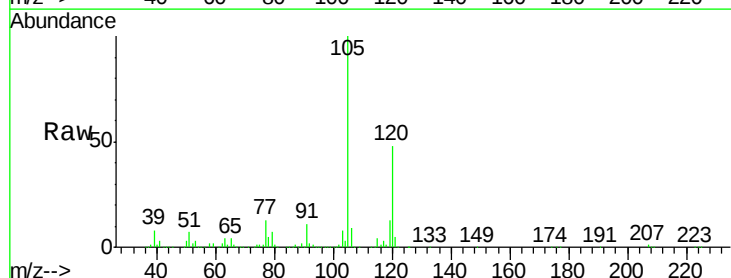
Acq: 12 Jul 2018 16:40

Tgt Ion: 105 Resp: 234692

Ion Ratio Lower Upper

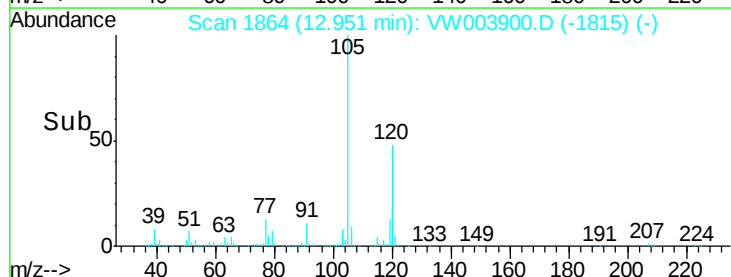
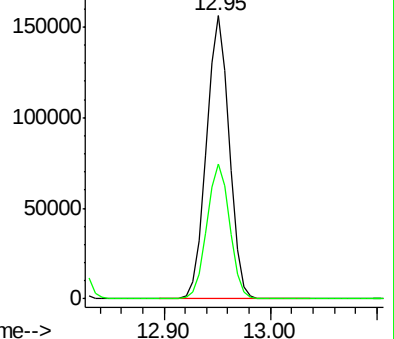
105 100

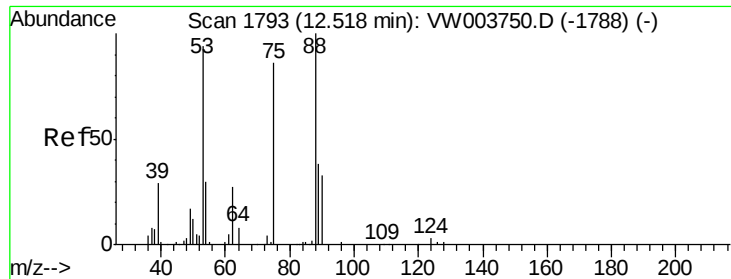
120 48.0 24.2 72.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





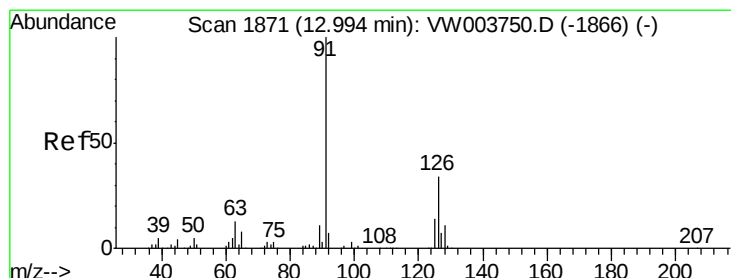
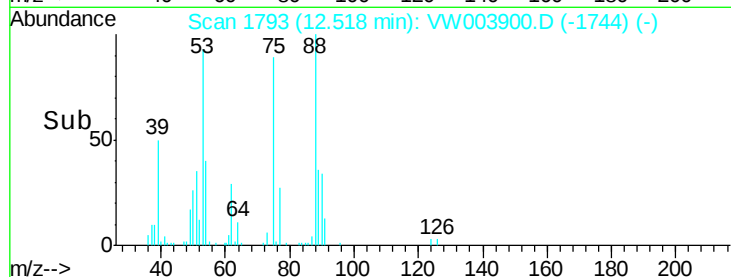
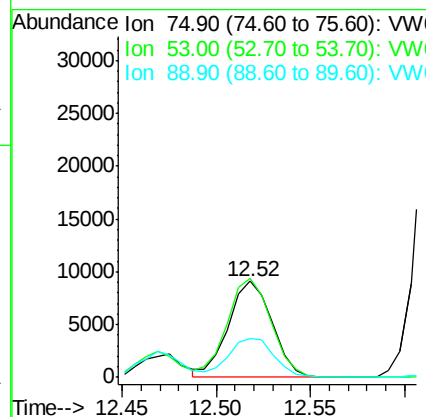
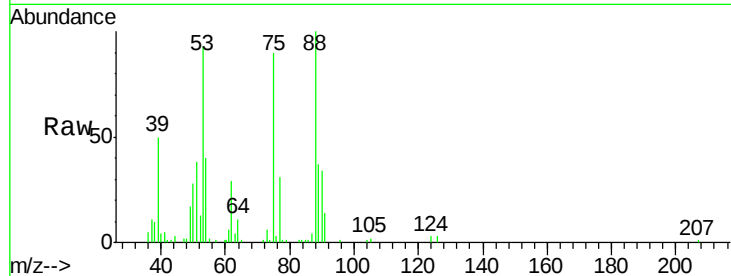
#81
trans-1,4-Dichloro-2-butene
Concen: 21.129 ug/l
RT: 12.52 min Scan# 1793
Delta R.T. -0.00 min
Lab File: VW003900.D
Acq: 12 Jul 2018 16:40

Instrument :
MSVOA_W
ClientSampleId :
VW0712SBSD01

Tot Ion	Ratio	Lower	Upper
75	100		
53	104.5	85.0	127.6
89	42.1	36.3	54.5

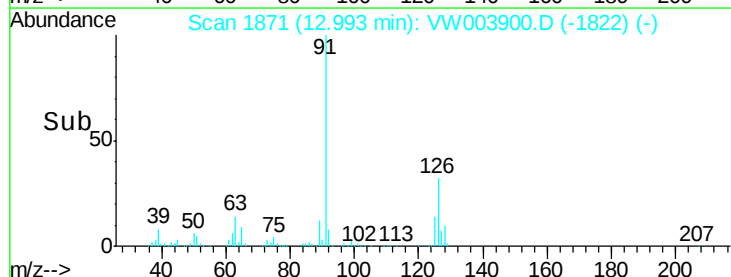
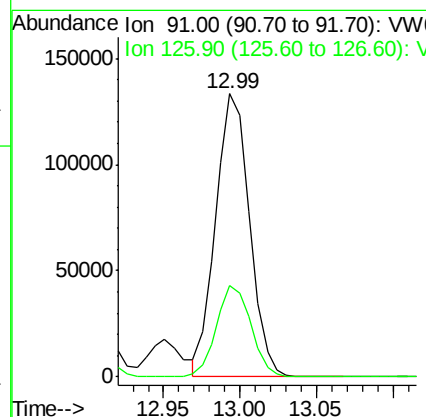
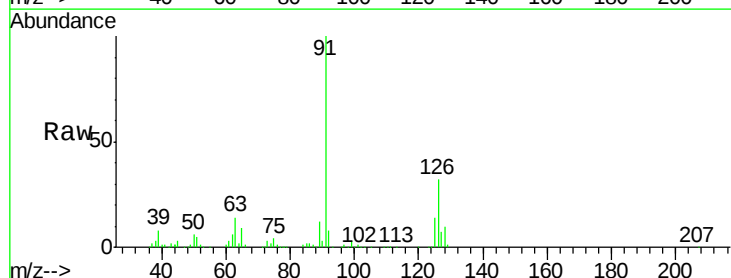
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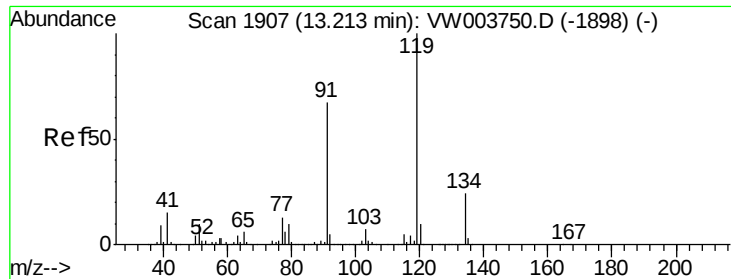
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#82
4-Chlorotoluene
Concen: 22.619 ug/l
RT: 12.99 min Scan# 1871
Delta R.T. -0.00 min
Lab File: VW003900.D
Acq: 12 Jul 2018 16:40

Tgt Ion	Ratio	Lower	Upper
91	100		
126	32.9	16.5	49.5





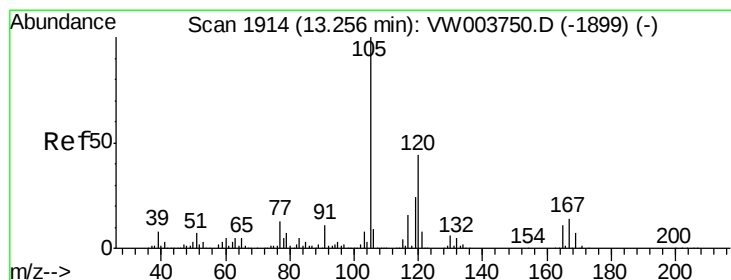
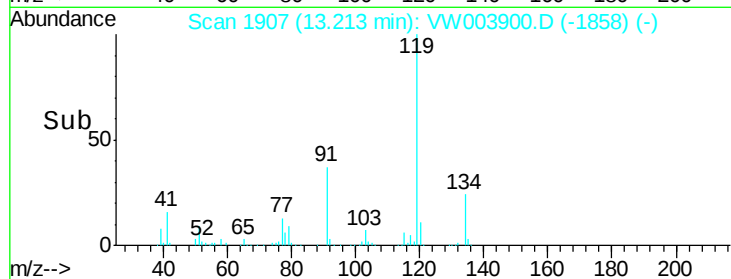
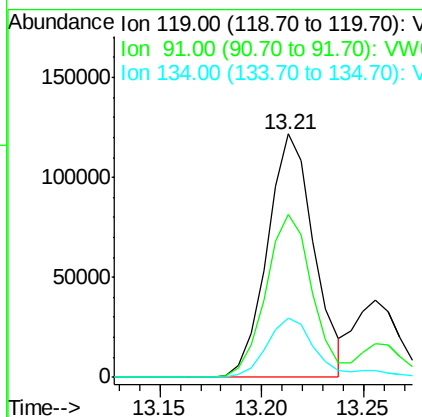
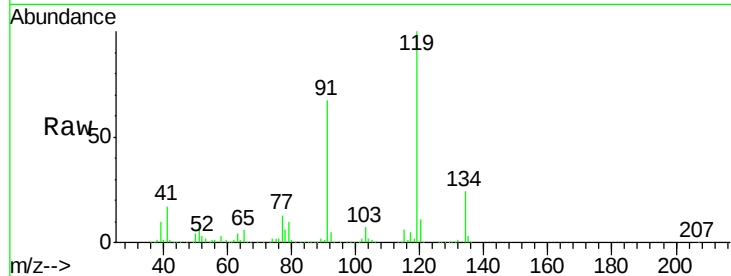
#83
tert-Butylbenzene
Concen: 23.273 ug/l
RT: 13.21 min Scan# 1907
Delta R.T. -0.00 min
Lab File: VW003900.D
Acq: 12 Jul 2018 16:40

Instrument :
MSVOA_W
ClientSampleId :
VW0712SBSD01

Tot Ion	Ratio	Lower	Upper
119	100		
91	67.6	33.0	98.9
134	26.7	12.8	38.4

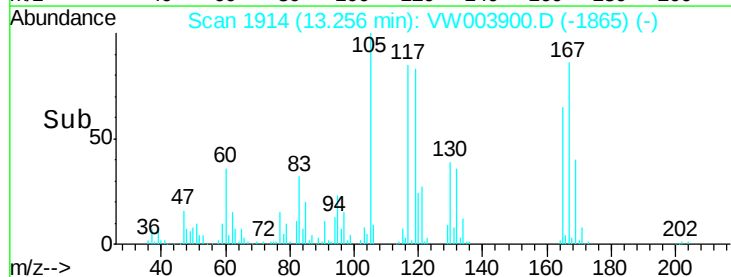
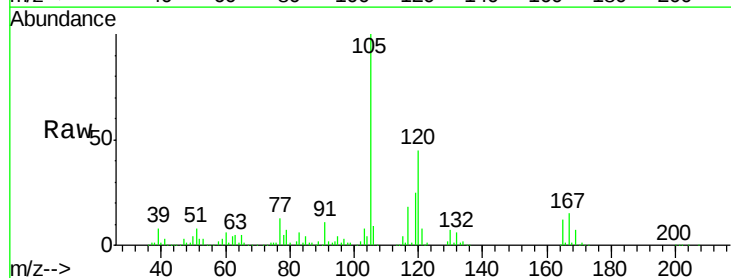
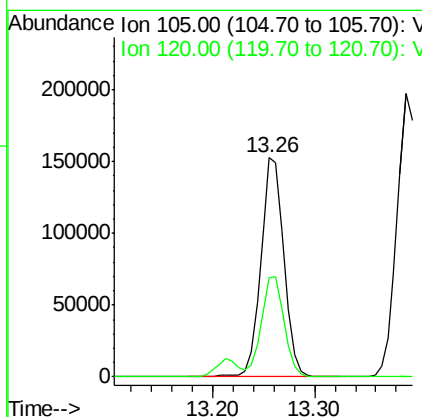
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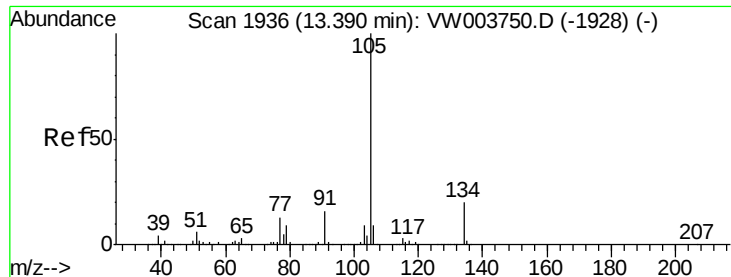
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#84
1,2,4-Trimethylbenzene
Concen: 22.933 ug/l
RT: 13.26 min Scan# 1914
Delta R.T. -0.00 min
Lab File: VW003900.D
Acq: 12 Jul 2018 16:40

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.2	22.0	66.0





#85

sec-Butylbenzene

Concen: 23.725 ug/l

RT: 13.39 min Scan# 1936

Delta R.T. -0.00 min

Lab File: VW003900.D

Acq: 12 Jul 2018 16:40

Instrument :

MSVOA_W

ClientSampleId :

VW0712SBSD01

Tot Ion:105 Resp: 295246

Ion Ratio Lower Upper

105 100

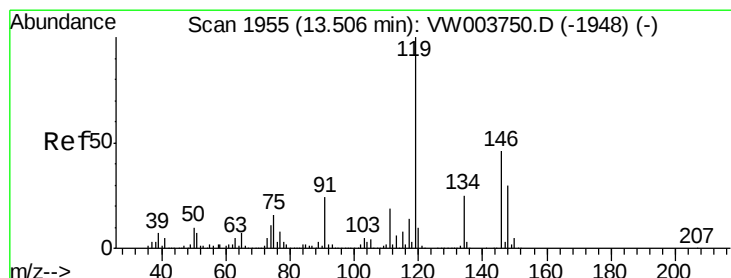
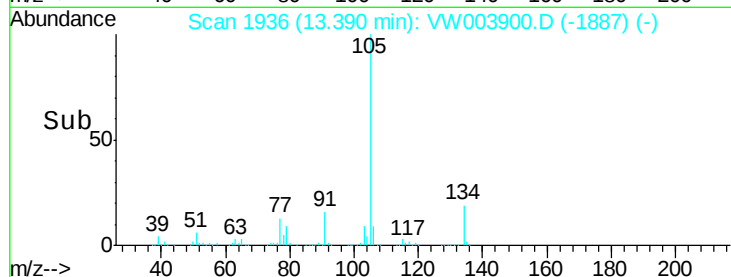
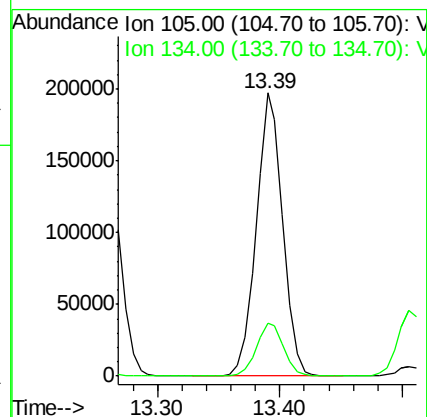
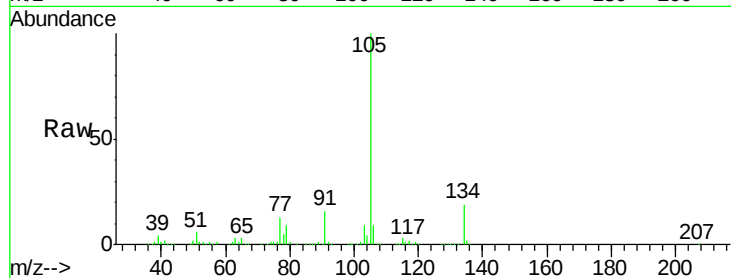
134 19.3 9.8 29.4

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#86

p-Isopropyltoluene

Concen: 23.440 ug/l

RT: 13.51 min Scan# 1955

Delta R.T. -0.00 min

Lab File: VW003900.D

Acq: 12 Jul 2018 16:40

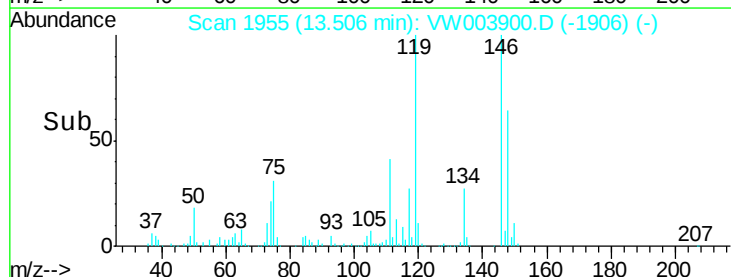
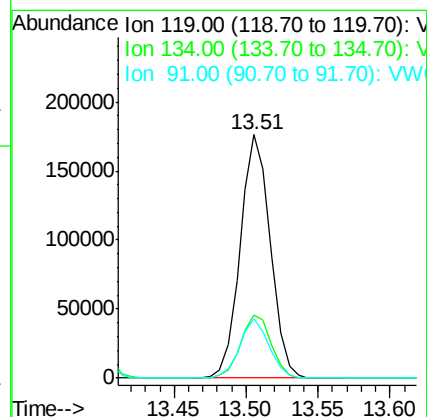
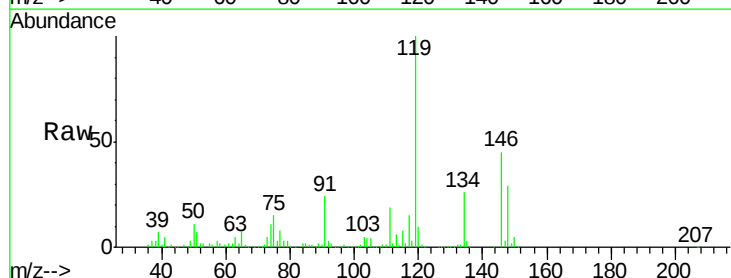
Tgt Ion:119 Resp: 254898

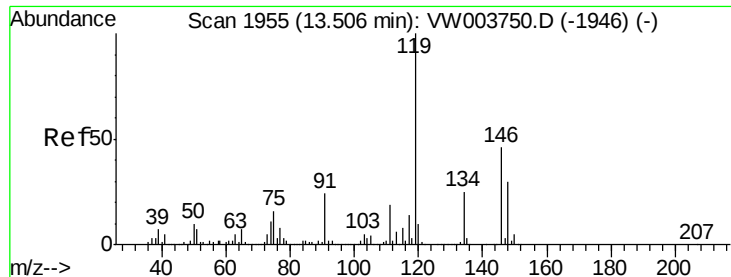
Ion Ratio Lower Upper

119 100

134 26.5 13.1 39.1

91 23.6 11.9 35.9





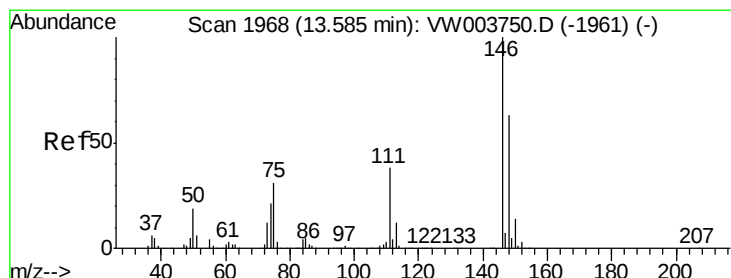
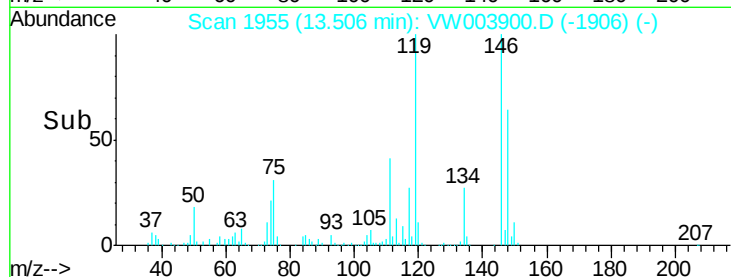
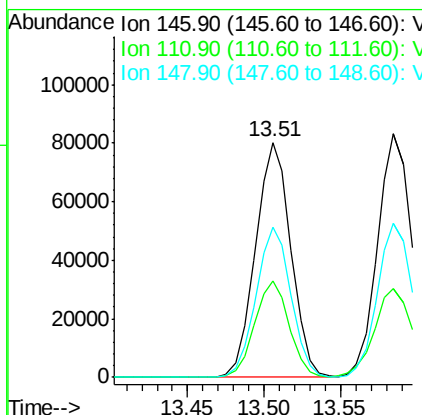
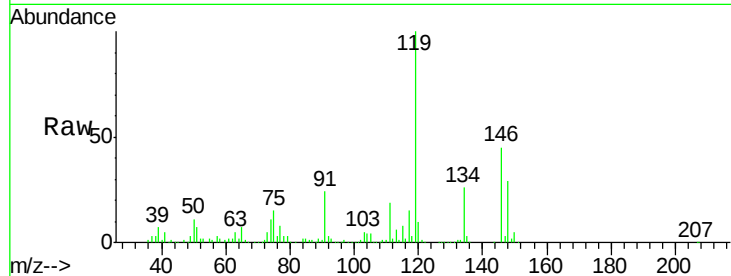
#87
 1,3-Dichlorobenzene
 Concen: 21.913 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. -0.00 min
 Lab File: VW003900.D
 Acq: 12 Jul 2018 16:40

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0712SBSD01

Tot Ion	Ratio	Resp	Lower	Upper
146	100	128995		
111	40.0		20.2	60.5
148	63.3		31.9	95.7

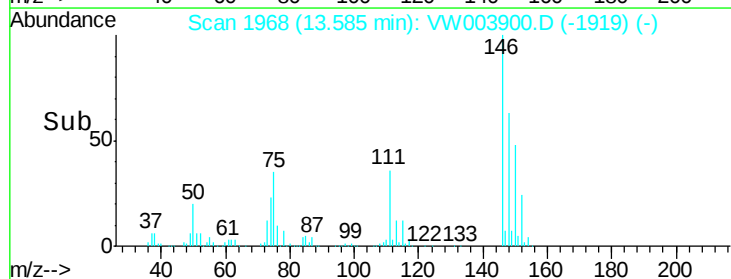
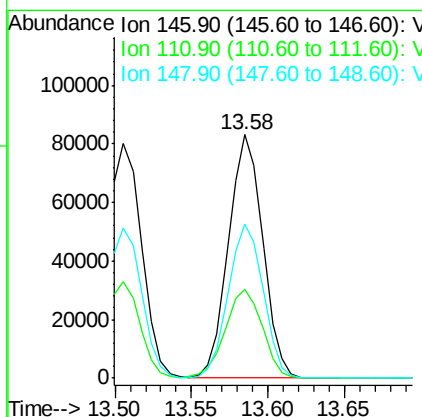
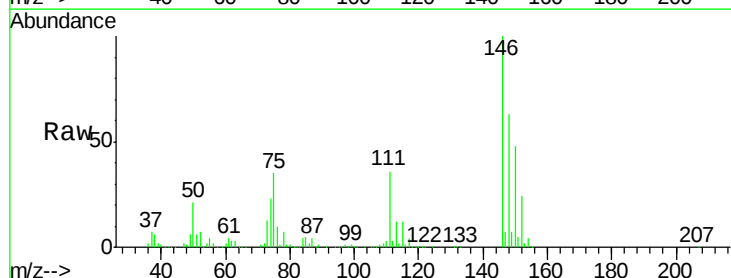
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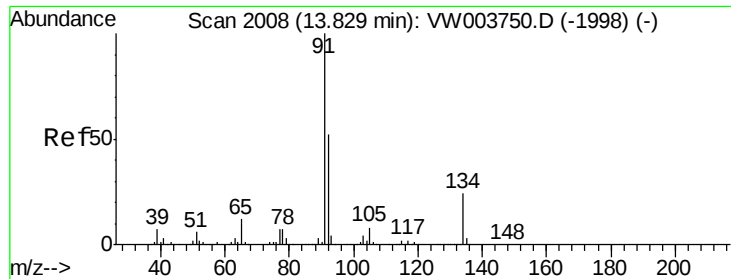
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#88
 1,4-Dichlorobenzene
 Concen: 21.887 ug/l
 RT: 13.58 min Scan# 1968
 Delta R.T. -0.00 min
 Lab File: VW003900.D
 Acq: 12 Jul 2018 16:40

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	129561		
111	39.5		19.4	58.4
148	64.5		31.9	95.7





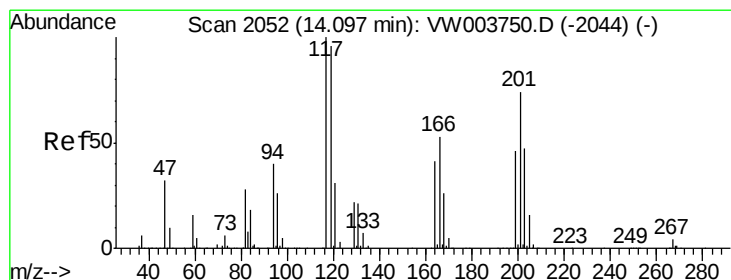
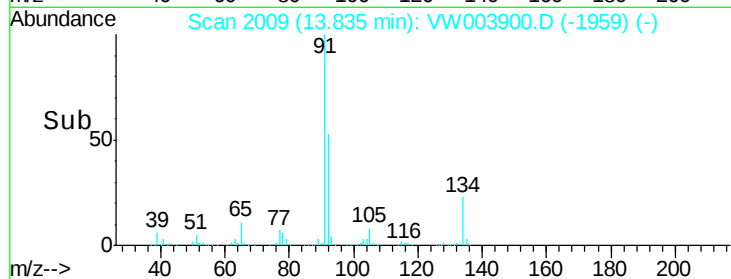
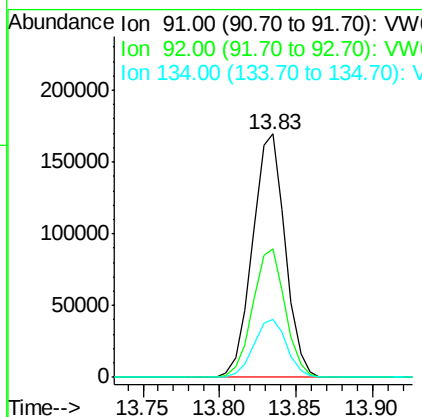
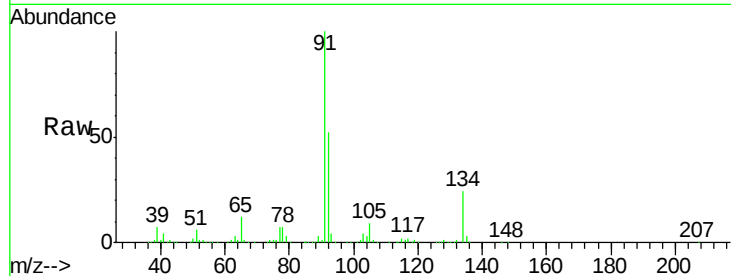
#89
n-Butylbenzene
Concen: 23.535 ug/l
RT: 13.83 min Scan# 2009
Delta R.T. 0.01 min
Lab File: VW003900.D
Acq: 12 Jul 2018 16:40

Instrument :
MSVOA_W
ClientSampleId :
VW0712SBSD01

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.3	26.1	78.3
134	24.0	12.4	37.4

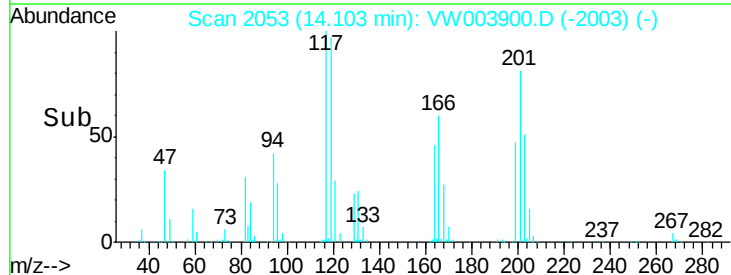
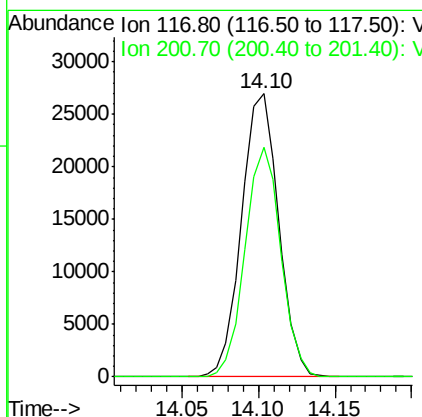
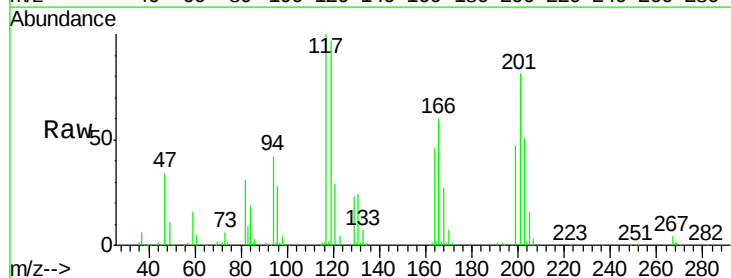
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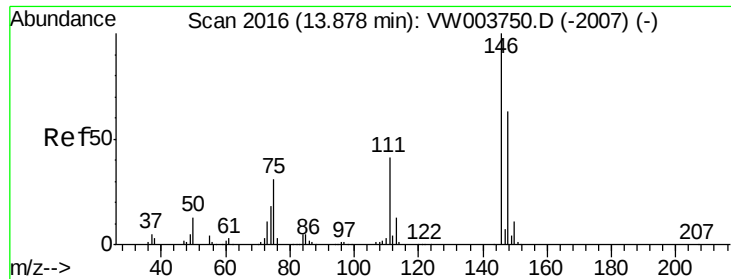
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#90
Hexachloroethane
Concen: 21.733 ug/l
RT: 14.10 min Scan# 2053
Delta R.T. 0.01 min
Lab File: VW003900.D
Acq: 12 Jul 2018 16:40

Tgt Ion	Ratio	Lower	Upper
117	100		
201	78.1	39.2	117.6





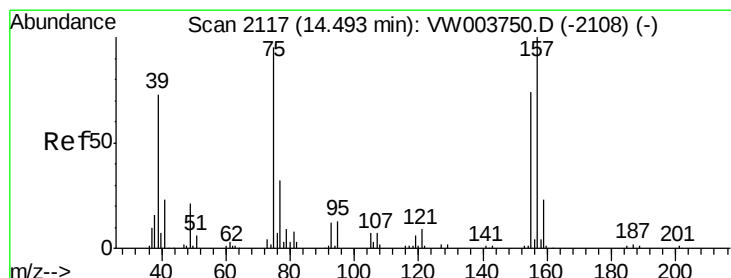
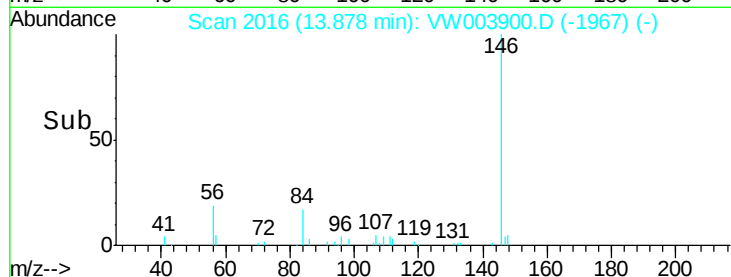
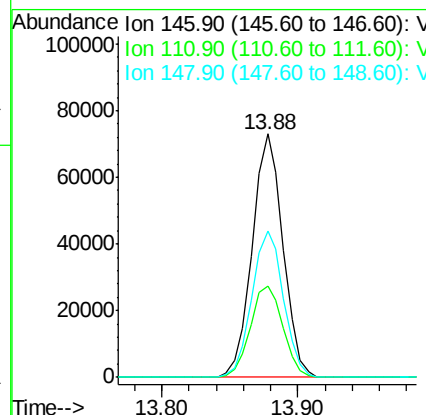
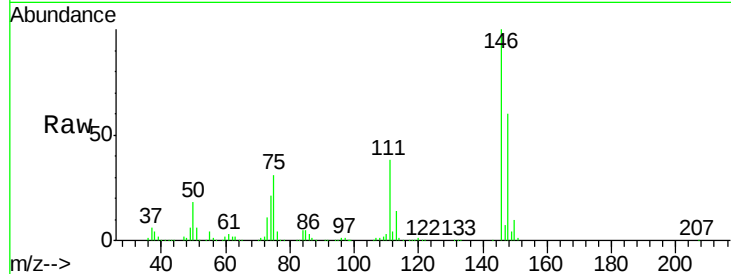
#91
 1,2-Dichlorobenzene
 Concen: 21.766 ug/l
 RT: 13.88 min Scan# 2016
 Delta R.T. -0.00 min
 Lab File: VW003900.D
 Acq: 12 Jul 2018 16:40

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0712SBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.0	20.7	62.1
148	62.0	31.9	95.9

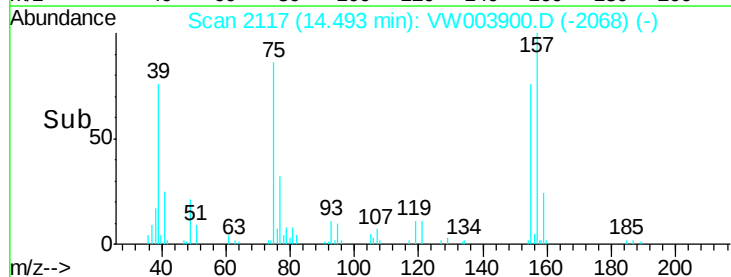
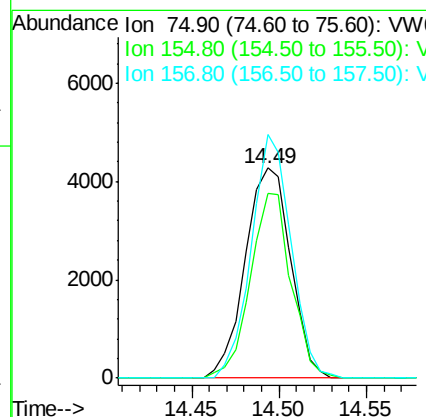
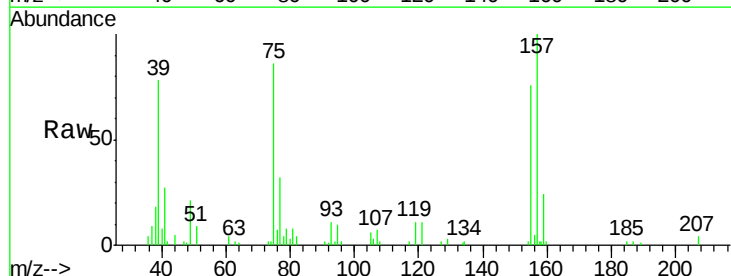
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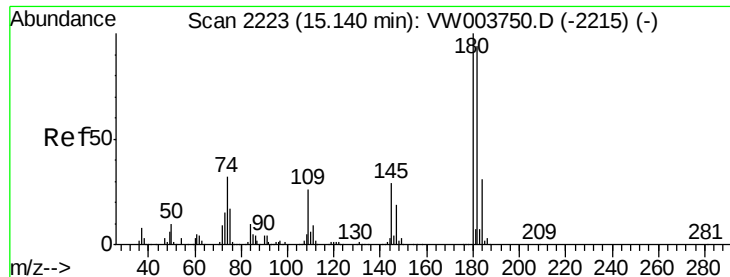
apatel
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.788 ug/l
 RT: 14.49 min Scan# 2117
 Delta R.T. -0.00 min
 Lab File: VW003900.D
 Acq: 12 Jul 2018 16:40

Tgt Ion	Ratio	Lower	Upper
75	100		
155	79.0	39.2	117.6
157	101.4	50.7	152.1





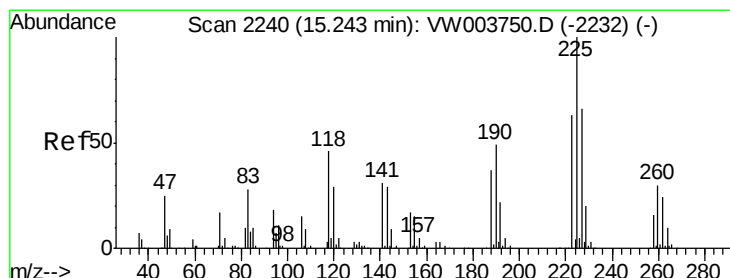
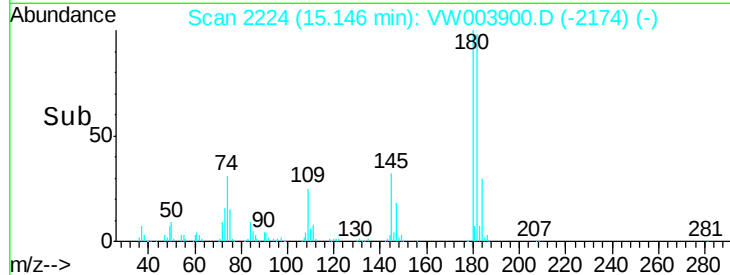
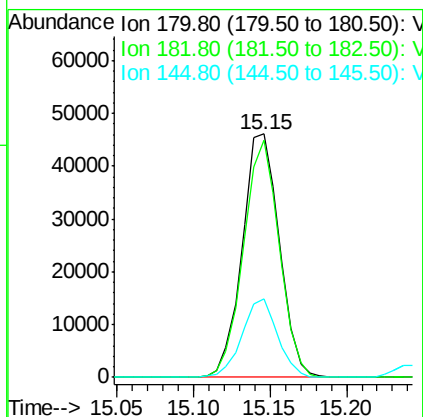
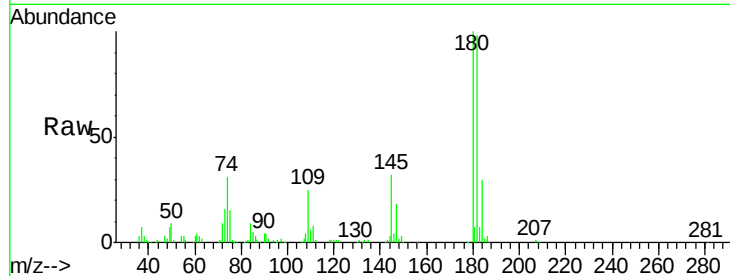
#93
1,2,4-Trichlorobenzene
Concen: 21.654 ug/l
RT: 15.15 min Scan# 2224
Delta R.T. 0.01 min
Lab File: VW003900.D
Acq: 12 Jul 2018 16:40

Instrument :
MSVOA_W
ClientSampleId :
VW0712SBSD01

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.3	47.4	142.2
145	30.8	15.0	45.0

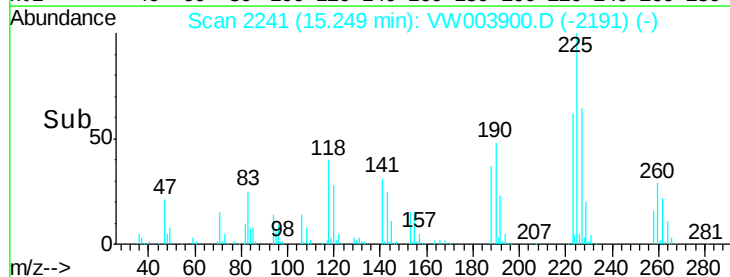
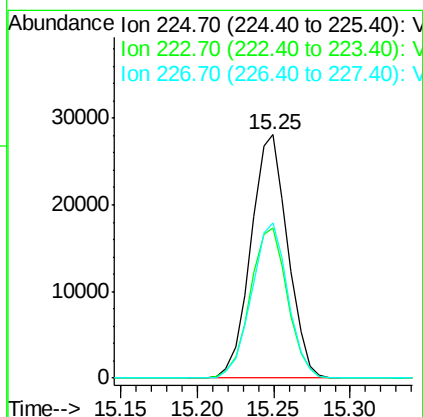
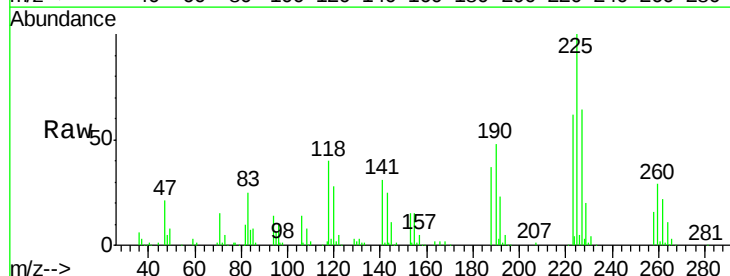
Manual Integrations
APPROVED

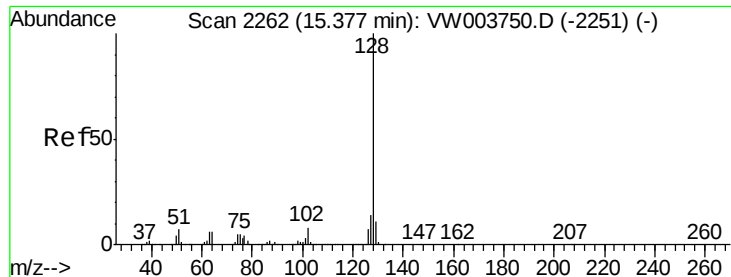
apatel
7/13/2018 9:31:27 AM



#94
Hexachlorobutadiene
Concen: 22.821 ug/l
RT: 15.25 min Scan# 2241
Delta R.T. 0.01 min
Lab File: VW003900.D
Acq: 12 Jul 2018 16:40

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.7	32.6	97.7
227	63.1	32.5	97.5





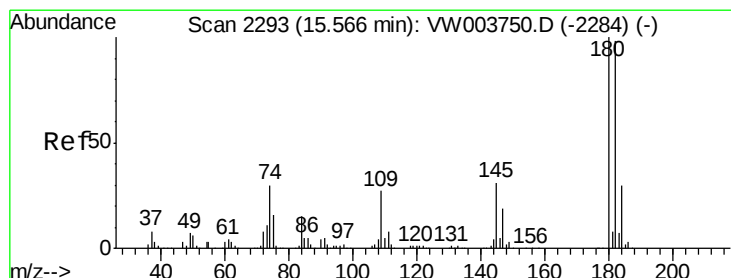
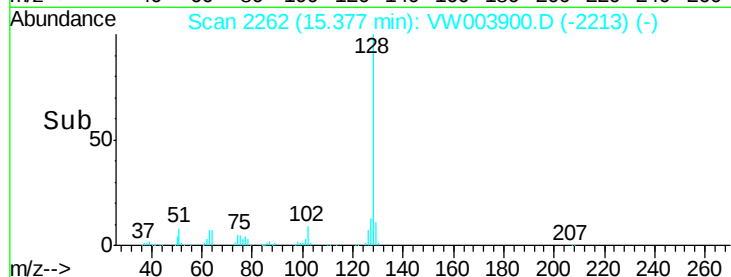
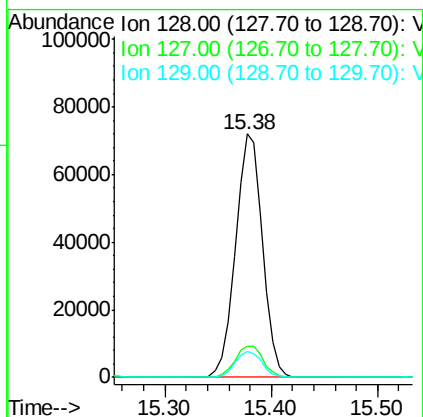
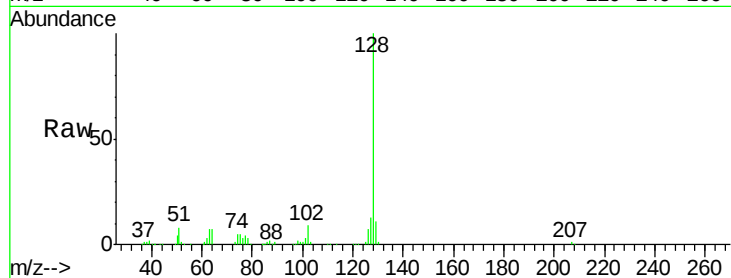
#95
Naphthalene
Concen: 19.937 ug/l
RT: 15.38 min Scan# 2262
Delta R.T. -0.00 min
Lab File: VW003900.D
Acq: 12 Jul 2018 16:40

Instrument :
MSVOA_W
ClientSampleId :
VW0712SBSD01

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.6	10.8	16.2
129	10.9	8.6	13.0

Manual Integrations
APPROVED

apatel
7/13/2018 9:31:27 AM



#96
1,2,3-Trichlorobenzene
Concen: 21.531 ug/l
RT: 15.57 min Scan# 2293
Delta R.T. -0.00 min
Lab File: VW003900.D
Acq: 12 Jul 2018 16:40

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.1	47.4	142.3
145	31.4	15.8	47.4

