

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW010419\
 Data File : VW008042.D
 Acq On : 04 Jan 2019 12:50
 Operator : SY/AP
 Sample : VW0104SBSD01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0104SBSD01

Manual Integrations
 APPROVED

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 1/7/2019 1:22:51 PM

Quant Time: Jan 05 01:00:05 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W010219S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 03 05:03:55 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	74807	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	120364	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	98726	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	48172	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	44629	53.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.88%	
35) Dibromofluoromethane	7.88	113	38372	50.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.14%	
50) Toluene-d8	10.32	98	149023	52.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.72%	
62) 4-Bromofluorobenzene	12.62	95	51466	47.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.30%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	2.01	85	12604m	18.360	ug/l
3) Chloromethane	2.21	50	9686	19.019	ug/l
4) Vinyl Chloride	2.37	62	13632	20.725	ug/l
5) Bromomethane	2.79	94	7767	18.586	ug/l
6) Chloroethane	2.93	64	6095	18.130	ug/l
7) Trichlorofluoromethane	3.26	101	13785	20.878	ug/l
8) Diethyl Ether	3.68	74	7173	21.152	ug/l
9) 1,1,2-Trichlorotrifluoroet	4.06	101	16166	20.603	ug/l
10) Methyl Iodide	4.26	142	25138	19.914	ug/l
11) Tert butyl alcohol	5.23	59	4779m	88.904	ug/l
12) 1,1-Dichloroethene	4.03	96	15021	20.000	ug/l
13) Acrolein	3.90	56	3487	95.740	ug/l
14) Allyl chloride	4.67	41	19993	19.649	ug/l
15) Acrylonitrile	5.38	53	12827	102.838	ug/l
16) Acetone	4.14	43	14472	112.992	ug/l
17) Carbon Disulfide	4.38	76	43323	18.884	ug/l
18) Methyl Acetate	4.68	43	6770	20.382	ug/l
19) Methyl tert-butyl Ether	5.43	73	24383	20.629	ug/l
20) Methylene Chloride	4.92	84	16146	18.966	ug/l
21) trans-1,2-Dichloroethene	5.42	96	15972	19.546	ug/l
22) Diisopropyl ether	6.31	45	37777	20.685	ug/l
23) Vinyl Acetate	6.26	43	107550	105.253	ug/l
24) 1,1-Dichloroethane	6.22	63	26579	19.587	ug/l
25) 2-Butanone	7.18	43	16981	112.528	ug/l
26) 2,2-Dichloropropane	7.17	77	22635	20.246	ug/l
27) cis-1,2-Dichloroethene	7.17	96	16887	19.401	ug/l
28) Bromochloromethane	7.52	49	7555	17.322	ug/l #
29) Tetrahydrofuran	7.54	42	9794	104.486	ug/l
30) Chloroform	7.68	83	29460	19.371	ug/l
31) Cyclohexane	7.96	56	25280	19.988	ug/l #
32) 1,1,1-Trichloroethane	7.87	97	29248	20.099	ug/l
36) 1,1-Dichloropropene	8.08	75	22860	19.253	ug/l
37) Ethyl Acetate	7.26	43	7456	20.906	ug/l
38) Carbon Tetrachloride	8.07	117	27779	19.522	ug/l

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Manual Integrations
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Quant Time: Jan 05 01:00:05 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W010219S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 03 05:03:55 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	29131	19.683	ug/l	97
40) Benzene	8.32	78	61601	19.666	ug/l	99
41) Methacrylonitrile	7.49	41	3833	18.279	ug/l #	77
42) 1,2-Dichloroethane	8.40	62	20679	19.814	ug/l	99
43) Isopropyl Acetate	8.43	43	15787	22.154	ug/l	99
44) Trichloroethene	9.09	130	18379	19.884	ug/l	98
45) 1,2-Dichloropropane	9.37	63	13564	20.006	ug/l #	88
46) Dibromomethane	9.46	93	7959	20.078	ug/l	97
47) Bromodichloromethane	9.65	83	21906	19.730	ug/l	99
48) Methyl methacrylate	9.44	41	7629	21.232	ug/l	98
49) 1,4-Dioxane	9.48	88	2050	349.464	ug/l #	78
51) 4-Methyl-2-Pentanone	10.21	43	36221	109.806	ug/l	99
52) Toluene	10.38	92	40518	19.594	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	21548	20.183	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	24252	20.357	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	10967	20.434	ug/l	97
56) Ethyl methacrylate	10.65	69	12655	20.857	ug/l	96
57) 1,3-Dichloropropane	10.93	76	18640	20.440	ug/l	96
58) 2-Chloroethyl Vinyl ether	9.93	63	30008	104.283	ug/l	100
59) 2-Hexanone	10.97	43	24893	109.313	ug/l	99
60) Dibromochloromethane	11.13	129	14207	19.338	ug/l	95
61) 1,2-Dibromoethane	11.24	107	10163	18.922	ug/l	99
64) Tetrachloroethene	10.86	164	14708	21.567	ug/l	97
65) Chlorobenzene	11.66	112	39709	18.820	ug/l	93
66) 1,1,1,2-Tetrachloroethane	11.73	131	15249	19.957	ug/l	98
67) Ethyl Benzene	11.73	91	72428	19.339	ug/l #	89
68) m/p-Xylenes	11.84	106	59834	41.324	ug/l	94
69) o-Xylene	12.17	106	26147	19.407	ug/l	96
70) Styrene	12.18	104	41570	18.930	ug/l	100
71) Bromoform	12.35	173	7538	21.293	ug/l #	97
73) Isopropylbenzene	12.47	105	71666	18.709	ug/l	93
74) N-amyl acetate	12.28	43	12583	21.103	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.72	83	10212	20.953	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	6819m	17.793	ug/l	
77) Bromobenzene	12.74	156	16589	20.149	ug/l	94
78) n-propylbenzene	12.80	91	88708	19.974	ug/l	100
79) 2-Chlorotoluene	12.90	91	50559	19.697	ug/l	97
80) 1,3,5-Trimethylbenzene	12.95	105	68368	20.735	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.52	75	3489	21.530	ug/l	96
82) 4-Chlorotoluene	12.99	91	49965	18.307	ug/l	94
83) tert-Butylbenzene	13.21	119	58034	20.118	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	66804	20.003	ug/l	95
85) sec-Butylbenzene	13.39	105	84651	21.332	ug/l	97
86) p-Isopropyltoluene	13.50	119	71342	19.931	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	33145	19.952	ug/l	97
88) 1,4-Dichlorobenzene	13.58	146	34369	20.897	ug/l	96
89) n-Butylbenzene	13.83	91	69888	21.346	ug/l	94
90) Hexachloroethane	14.09	117	12042	19.388	ug/l	99
91) 1,2-Dichlorobenzene	13.87	146	29554	20.245	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.49	75	2129	21.522	ug/l	92

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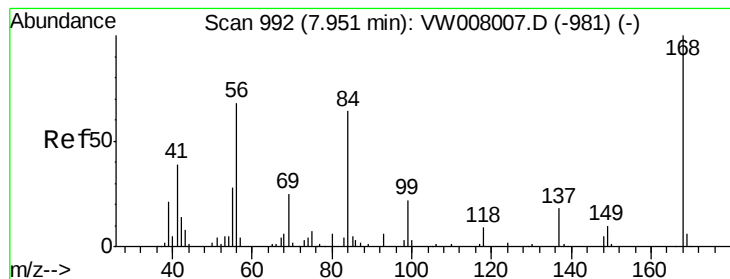
Manual Integrations
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Quant Title : SW846 8260
QLast Update : Thu Jan 03 05:03:55 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	21244	20.720	ug/l	98
94) Hexachlorobutadiene	15.24	225	11719	19.796	ug/l	96
95) Naphthalene	15.38	128	37294	21.357	ug/l	99
96) 1,2,3-Trichlorobenzene	15.56	180	17489	20.731	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW008042.D

Acq: 04 Jan 2019 12:50

Instrument :

MSVOA_W

ClientSampleId :

VW0104SBSD01

Tot Ion:168 Resp: 74807

Ion Ratio Lower Upper

168 100

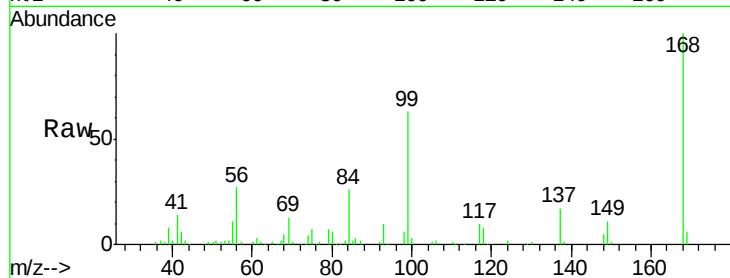
99 62.9 51.6 77.4

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Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.95

40000

30000

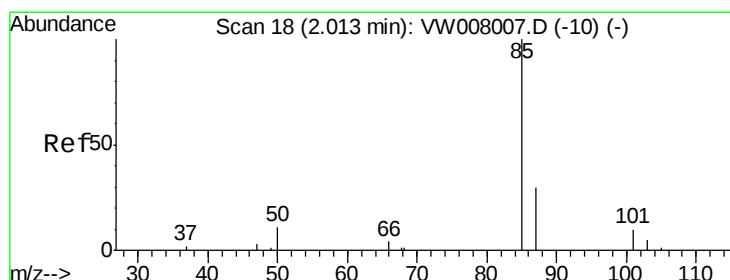
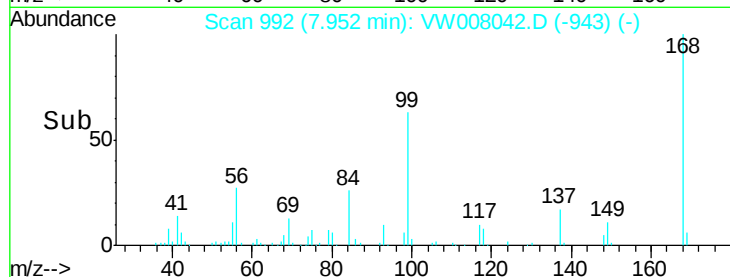
20000

10000

0

7.85 7.90 7.95 8.00 8.05

Time-->



#2

Dichlorodifluoromethane

Concen: 18.360 ug/l m

RT: 2.01 min Scan# 18

Delta R.T. 0.00 min

Lab File: VW008042.D

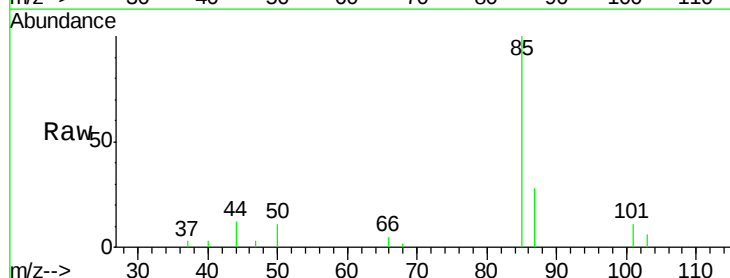
Acq: 04 Jan 2019 12:50

Tgt Ion: 85 Resp: 12604

Ion Ratio Lower Upper

85 100

87 28.0 15.0 45.0



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

4000

3000

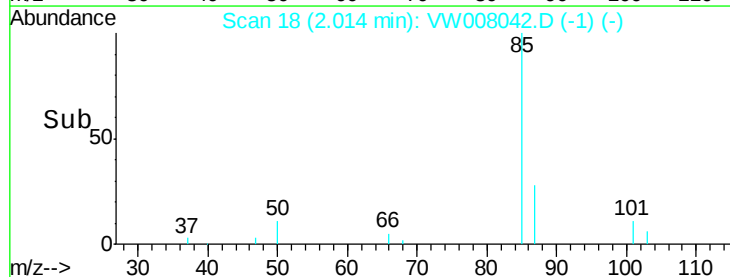
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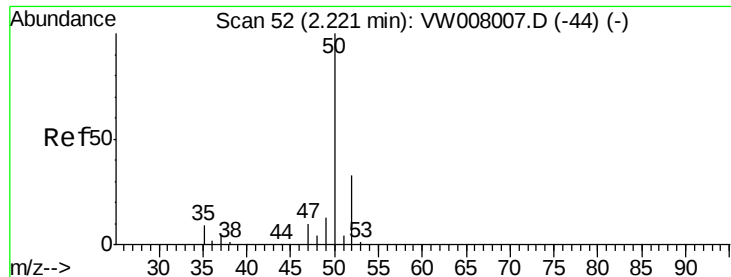
1000

0

1.90 2.00 2.10 2.20

Time-->





#3

Chloromethane

Concen: 19.019 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.01 min

Lab File: VW008042.D

Acq: 04 Jan 2019 12:50

Instrument :

MSVOA_W

ClientSampleId :

VW0104SBSD01

Tot Ion: 50 Resp: 9686

Ion Ratio Lower Upper

50 100

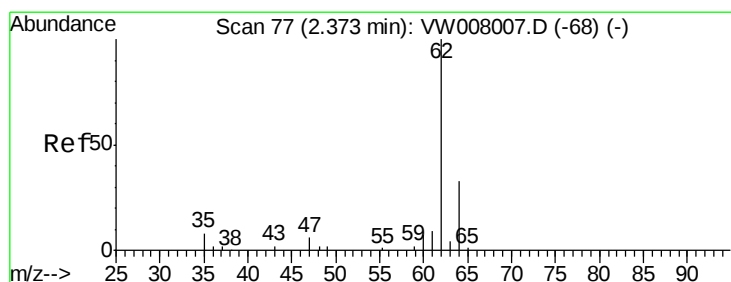
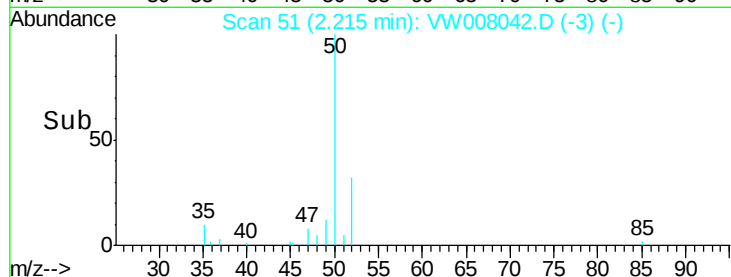
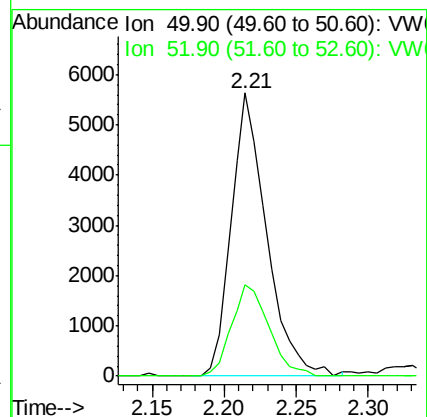
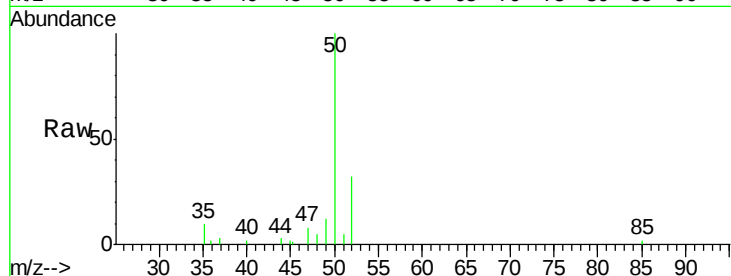
52 32.3 26.8 40.2

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#4

Vinyl Chloride

Concen: 20.725 ug/l

RT: 2.37 min Scan# 76

Delta R.T. -0.01 min

Lab File: VW008042.D

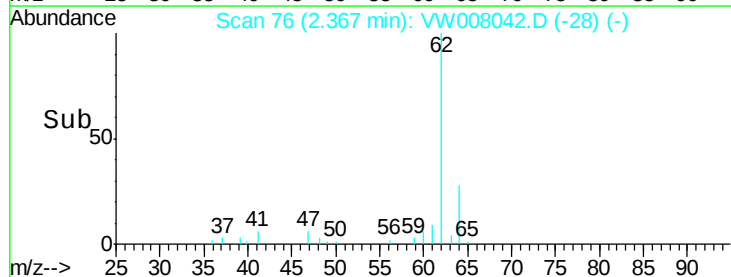
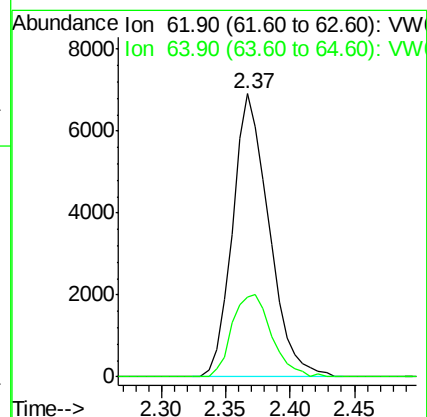
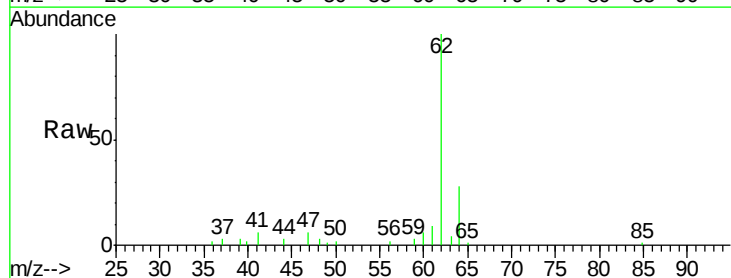
Acq: 04 Jan 2019 12:50

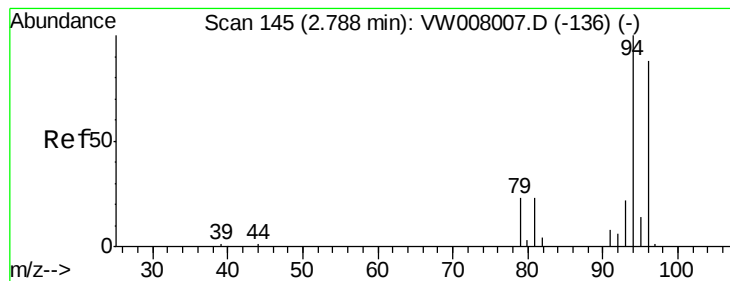
Tgt Ion: 62 Resp: 13632

Ion Ratio Lower Upper

62 100

64 28.2 26.8 40.2





#5

Bromomethane

Concen: 18.586 ug/l

RT: 2.79 min Scan# 145

Delta R.T. 0.00 min

Lab File: VW008042.D

Acq: 04 Jan 2019 12:50

Tot Ion: 94 Resp: 7767

Ion Ratio Lower Upper

94 100

96 99.2 70.7 106.1

Instrument :

MSVOA_W

ClientSampleId :

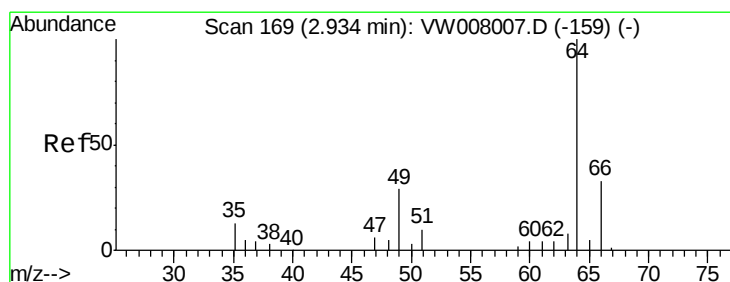
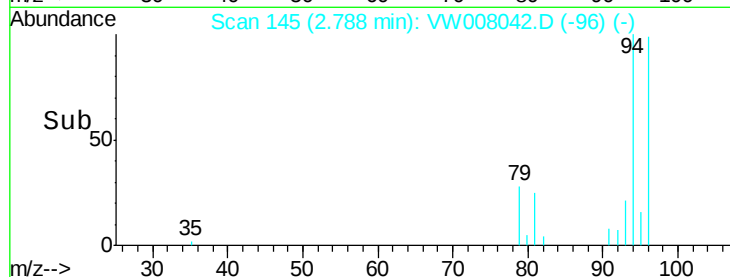
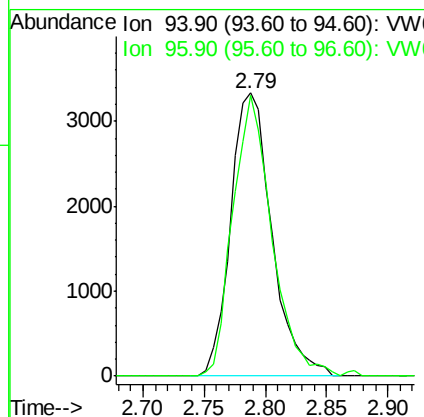
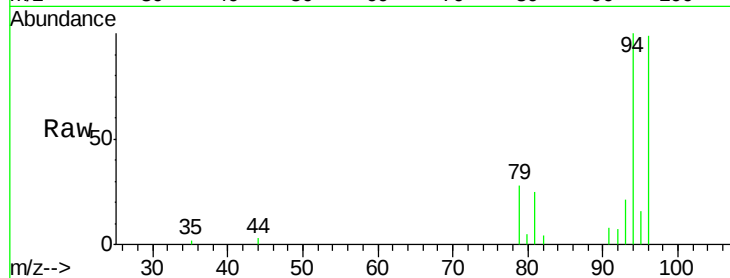
VW0104SBSD01

Manual Integrations

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#6

Chloroethane

Concen: 18.130 ug/l

RT: 2.93 min Scan# 168

Delta R.T. -0.01 min

Lab File: VW008042.D

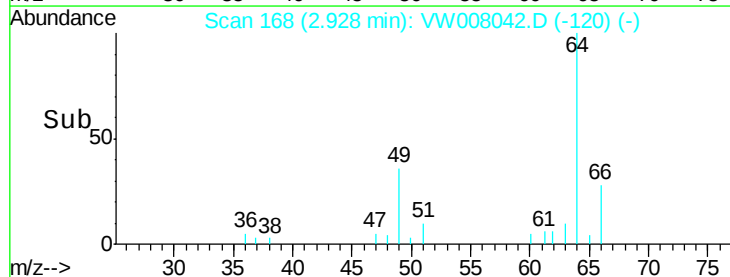
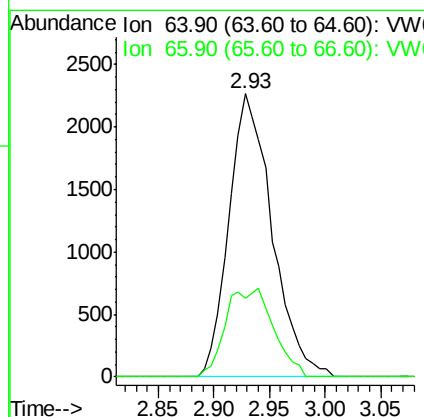
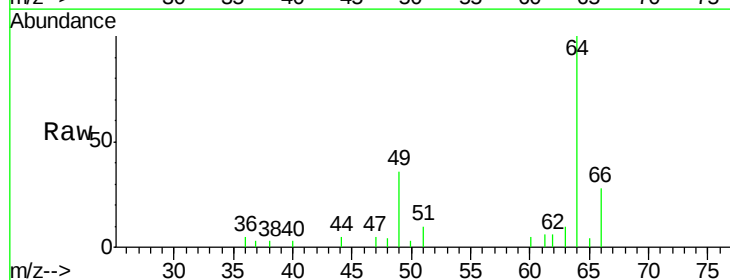
Acq: 04 Jan 2019 12:50

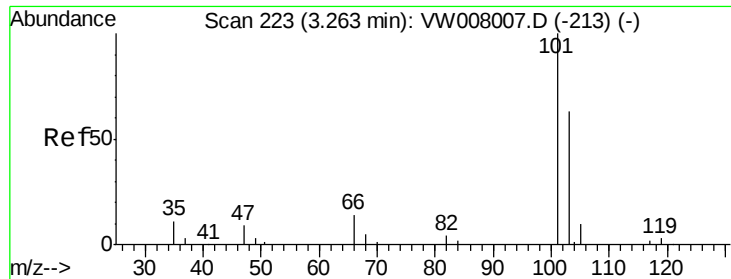
Tgt Ion: 64 Resp: 6095

Ion Ratio Lower Upper

64 100

66 27.8 26.6 39.8





#7

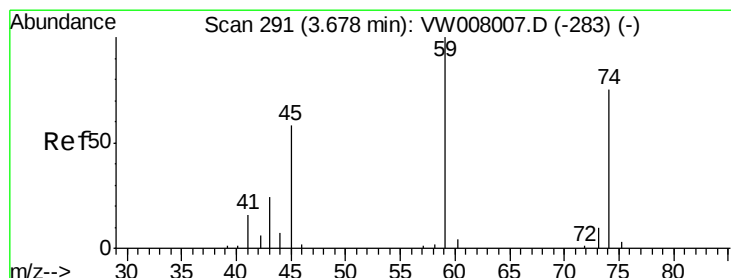
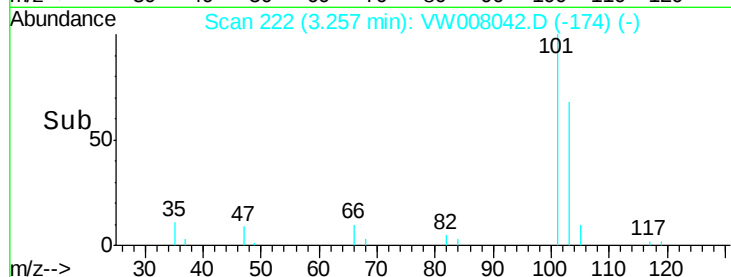
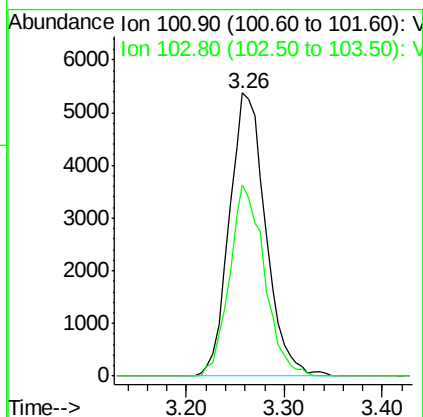
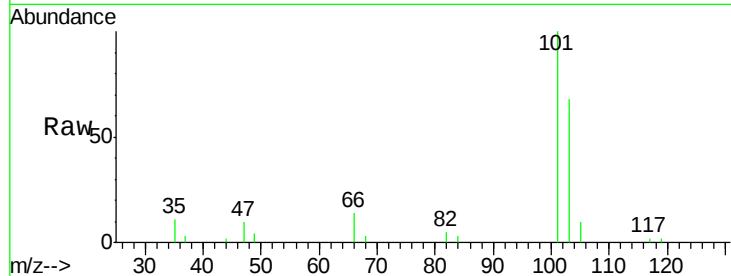
Trichlorofluoromethane
 Concen: 20.878 ug/l
 RT: 3.26 min Scan# 222
 Delta R.T. -0.01 min
 Lab File: VW008042.D
 Acq: 04 Jan 2019 12:50

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 VW0104SBSD01

Tot Ion	Ion	Ratio	Lower	Upper
101	100			
103	67.5	50.5	75.7	

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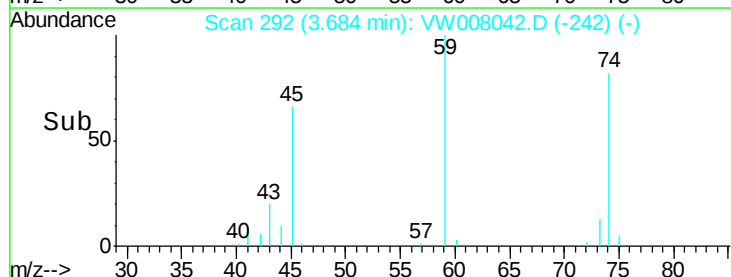
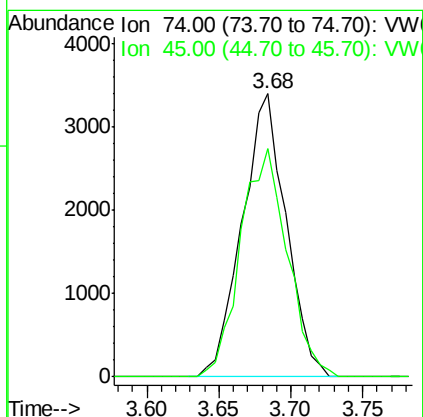
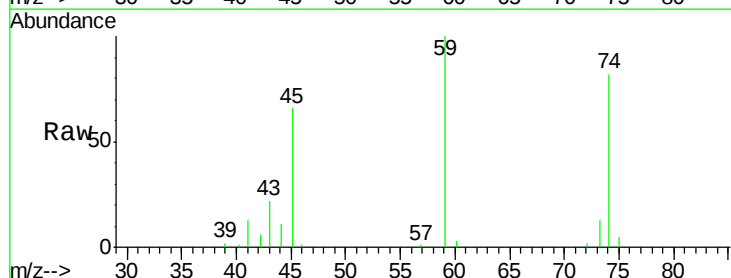
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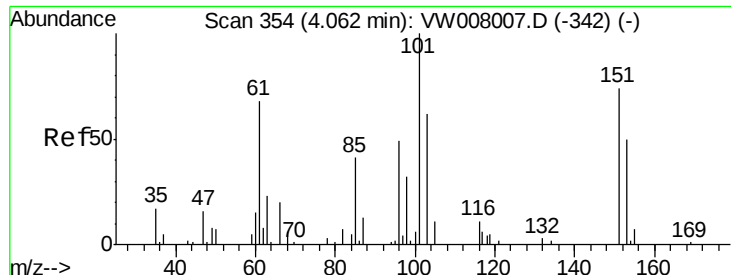


#8

Diethyl Ether
 Concen: 21.152 ug/l
 RT: 3.68 min Scan# 292
 Delta R.T. 0.01 min
 Lab File: VW008042.D
 Acq: 04 Jan 2019 12:50

Tgt Ion	Ion	Ratio	Lower	Upper
74	100			
45	85.9	41.4	124.2	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.603 ug/l

RT: 4.06 min Scan# 354

Delta R.T. 0.00 min

Lab File: VW008042.D

Acq: 04 Jan 2019 12:50

Instrument :

MSVOA_W

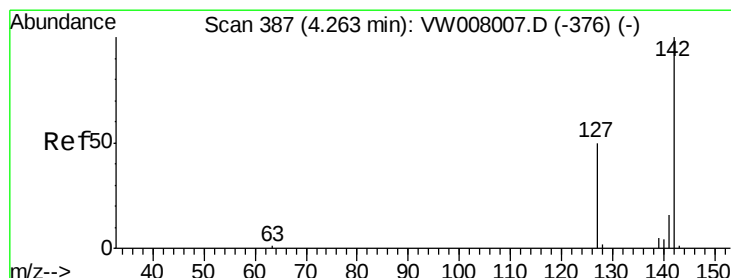
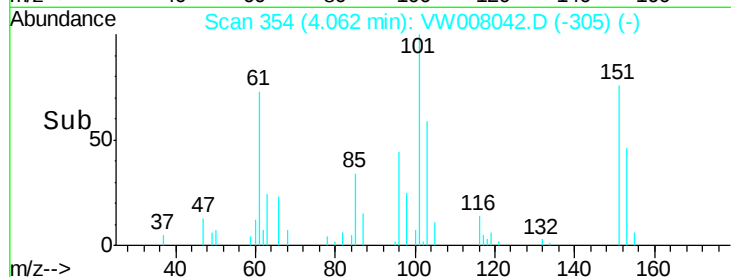
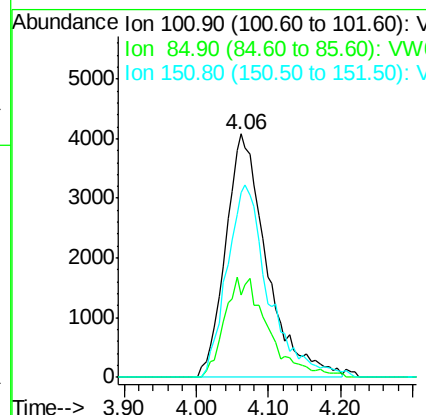
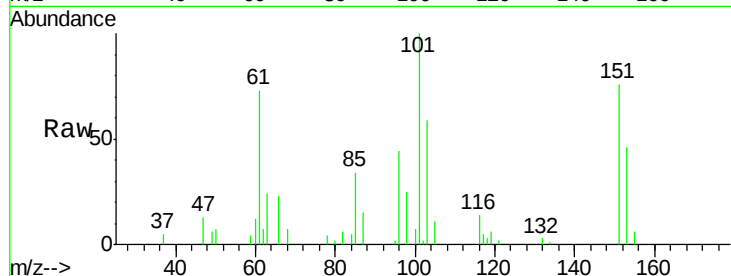
ClientSampleId :

VW0104SBSD01

Tot Ion:	101	Resp:	16166
Ion Ratio	Lower	Upper	
101	100		
85	43.0	35.1	52.7
151	80.2	65.3	97.9

Manual Integrations
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#10

Methyl Iodide

Concen: 19.914 ug/l

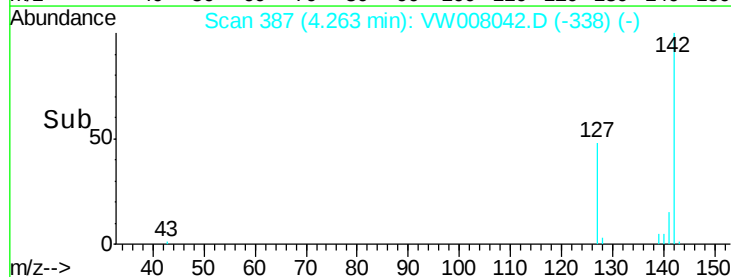
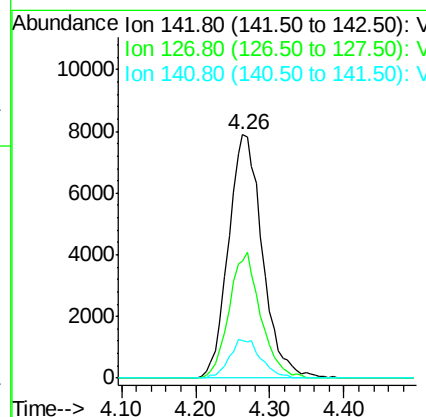
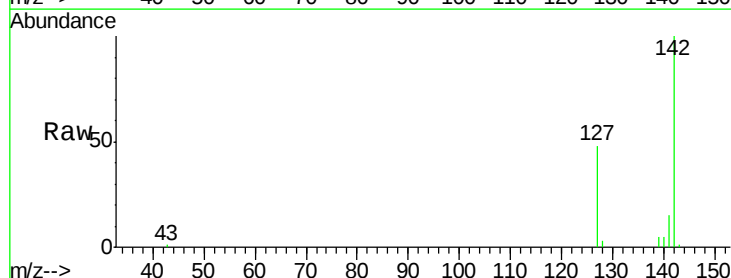
RT: 4.26 min Scan# 387

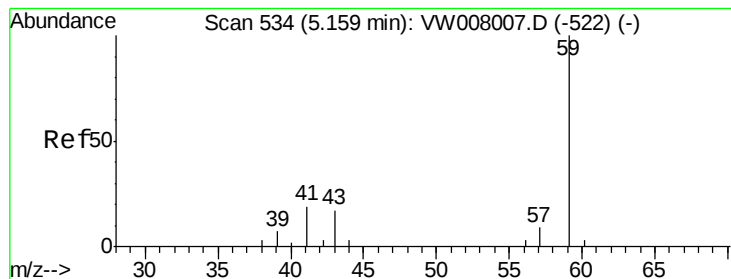
Delta R.T. 0.00 min

Lab File: VW008042.D

Acq: 04 Jan 2019 12:50

Tgt Ion:	142	Resp:	25138
Ion Ratio	Lower	Upper	
142	100		
127	47.7	39.4	59.0
141	14.7	12.1	18.1





#11

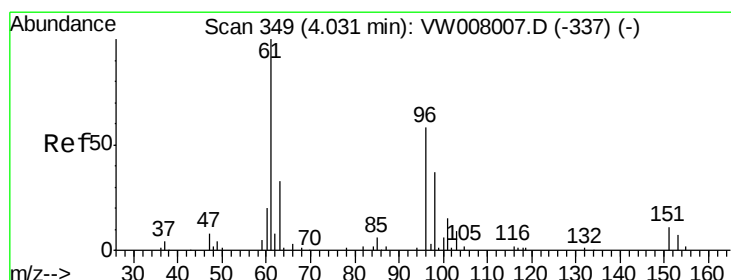
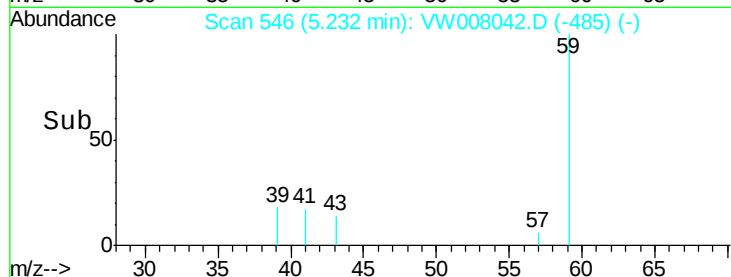
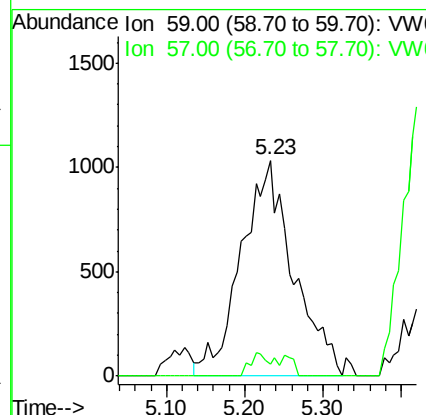
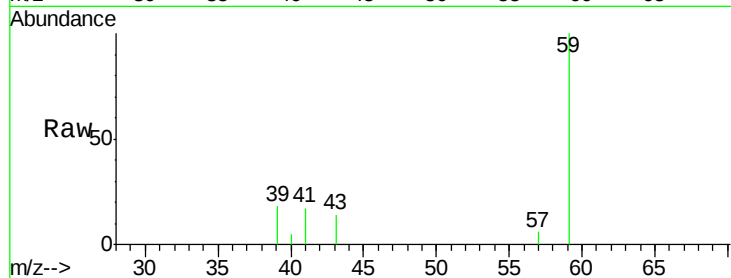
Tert butyl alcohol
 Concen: 88.904 ug/l m
 RT: 5.23 min Scan# 546
 Delta R.T. 0.07 min
 Lab File: VW008042.D
 Acq: 04 Jan 2019 12:50

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0104SBSD01

Tot Ion	Ratio	Lower	Upper
59	100		
57	0.0	9.0	13.4#

Manual Integrations
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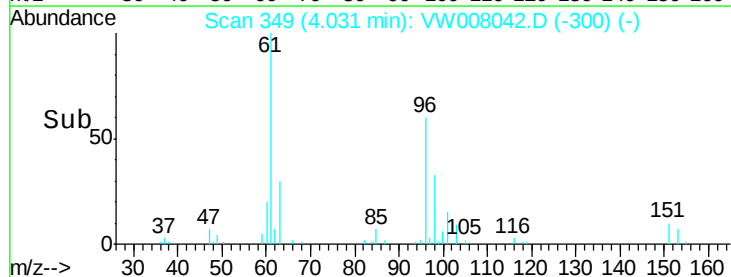
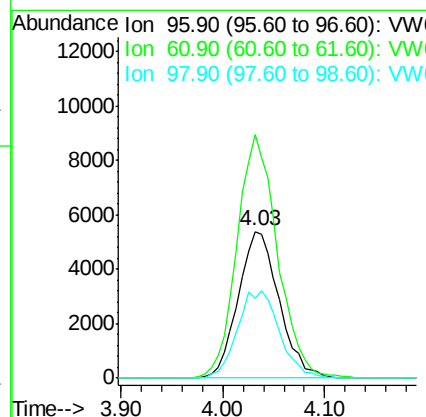
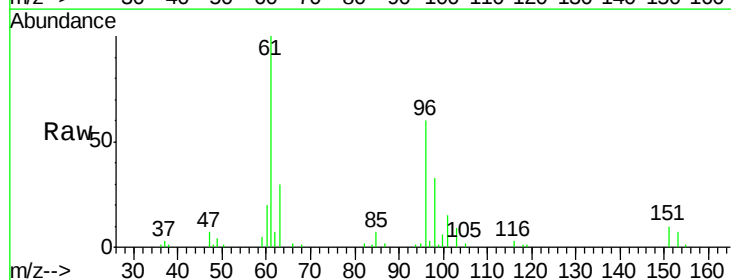
MMDadoda
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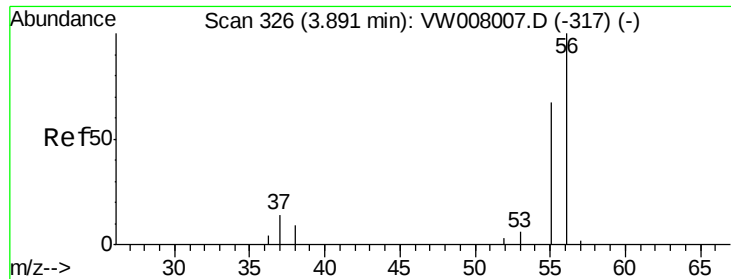


#12

1,1-Dichloroethene
 Concen: 20.000 ug/l
 RT: 4.03 min Scan# 349
 Delta R.T. 0.00 min
 Lab File: VW008042.D
 Acq: 04 Jan 2019 12:50

Tgt Ion	Ratio	Lower	Upper
96	100		
61	165.7	137.3	205.9
98	54.4	50.5	75.7





#13

Acrolein

Concen: 95.740 ug/l

RT: 3.90 min Scan# 327

Delta R.T. 0.01 min

Lab File: VW008042.D

Acq: 04 Jan 2019 12:50

Instrument :

MSVOA_W

ClientSampleId :

VW0104SBSD01

Tot Ion: 56 Resp: 3487

Ion Ratio Lower Upper

56 100

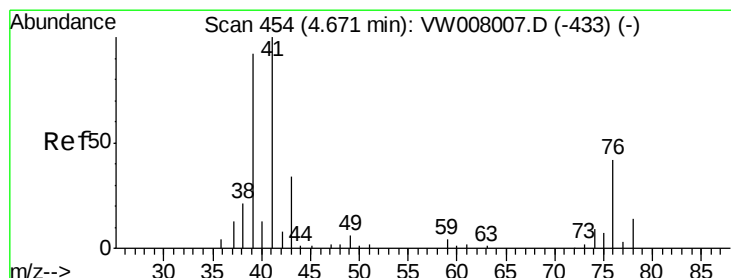
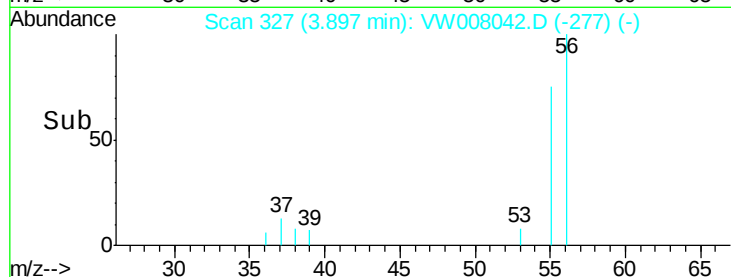
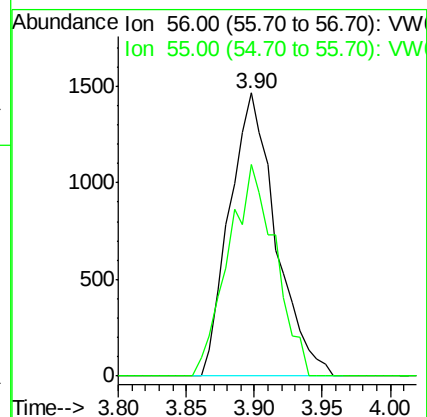
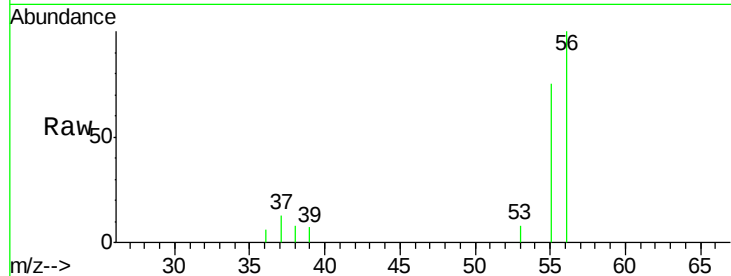
55 75.8 57.3 85.9

Manual Integrations

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#14

Allyl chloride

Concen: 19.649 ug/l

RT: 4.67 min Scan# 454

Delta R.T. 0.00 min

Lab File: VW008042.D

Acq: 04 Jan 2019 12:50

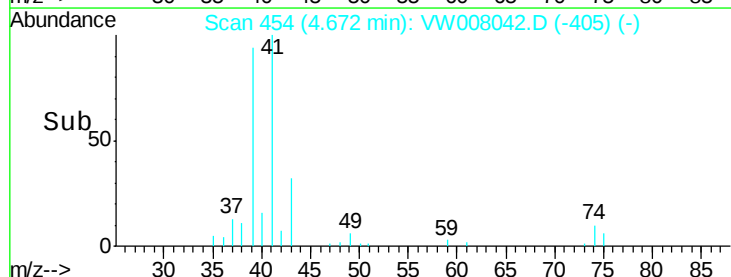
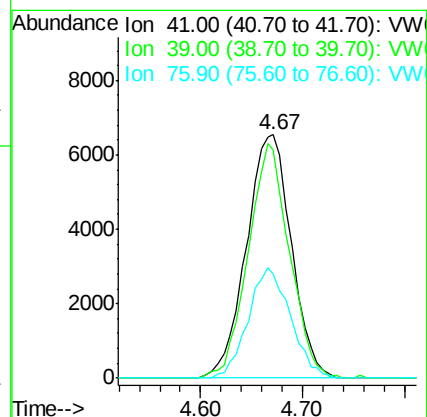
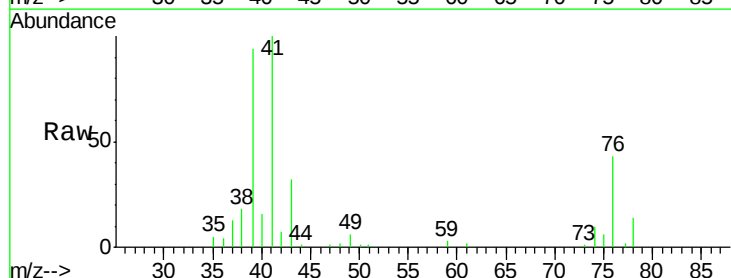
Tgt Ion: 41 Resp: 19993

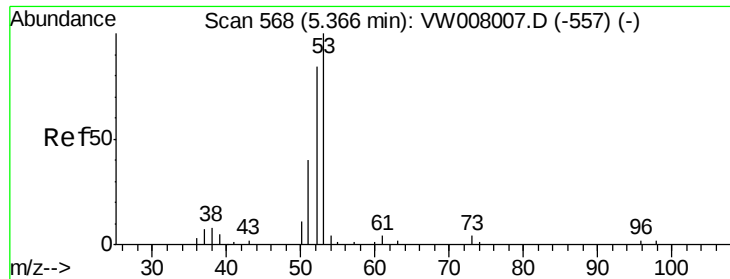
Ion Ratio Lower Upper

41 100

39 88.6 71.1 106.7

76 42.5 33.4 50.2





#15

Acrylonitrile

Concen: 102.838 ug/l

RT: 5.38 min Scan# 570

Delta R.T. 0.01 min

Lab File: VW008042.D

Acq: 04 Jan 2019 12:50

Instrument :

MSVOA_W

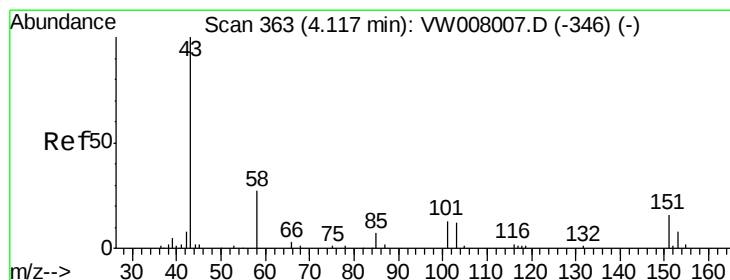
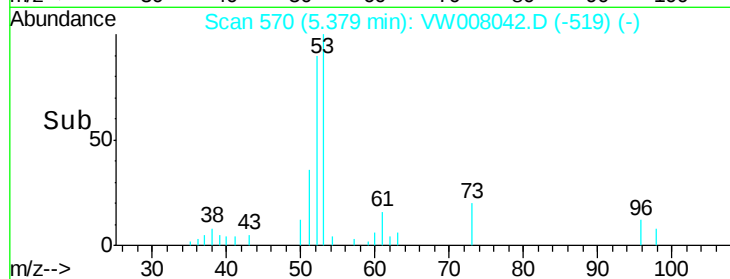
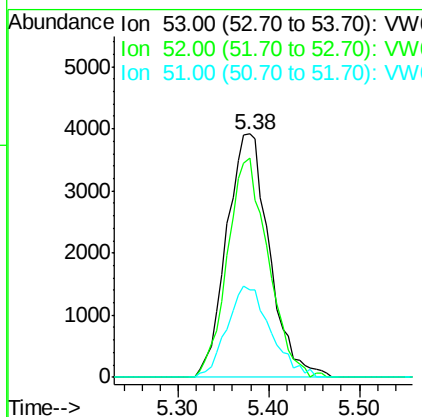
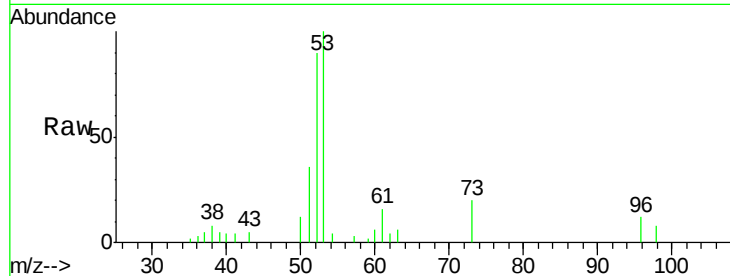
ClientSampleId :

VW0104SBSD01

Tot Ion:	53	Resp:	12827
Ion	Ratio	Lower	Upper
53	100		
52	85.6	67.8	101.8
51	38.1	31.5	47.3

Manual Integrations
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#16

Acetone

Concen: 112.992 ug/l

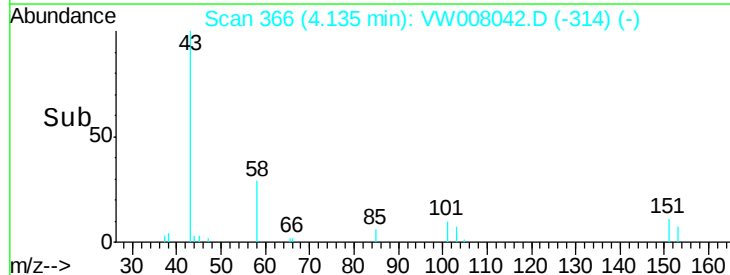
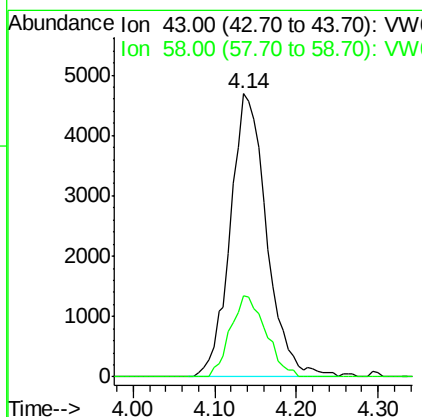
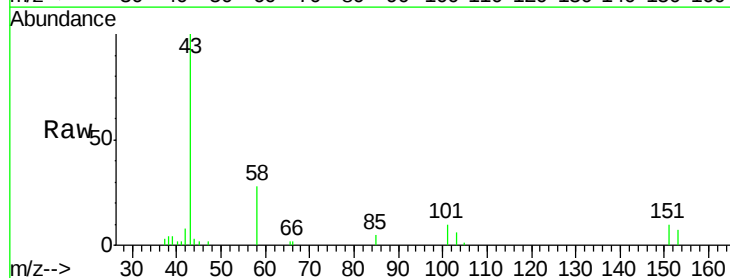
RT: 4.14 min Scan# 366

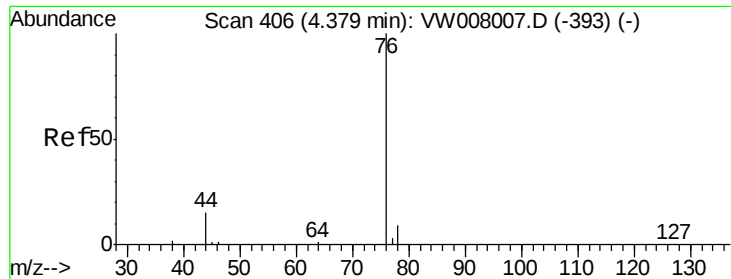
Delta R.T. 0.02 min

Lab File: VW008042.D

Acq: 04 Jan 2019 12:50

Tgt Ion:	43	Resp:	14472
Ion	Ratio	Lower	Upper
43	100		
58	28.5	21.7	32.5





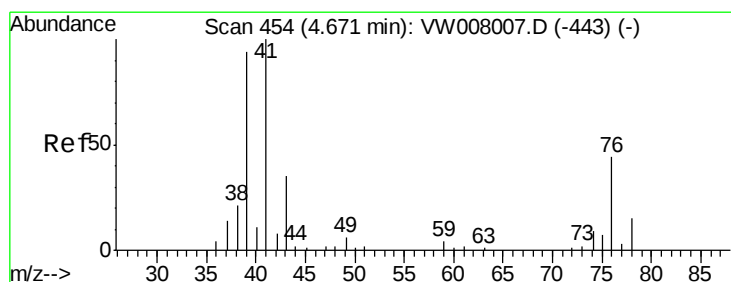
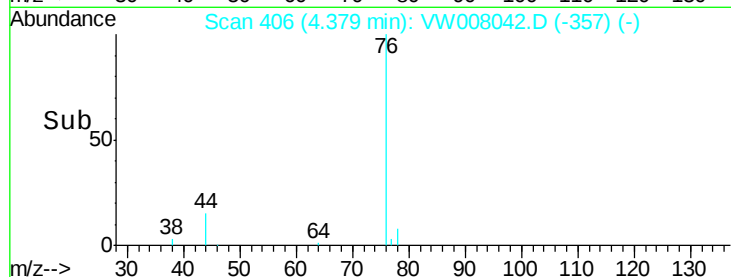
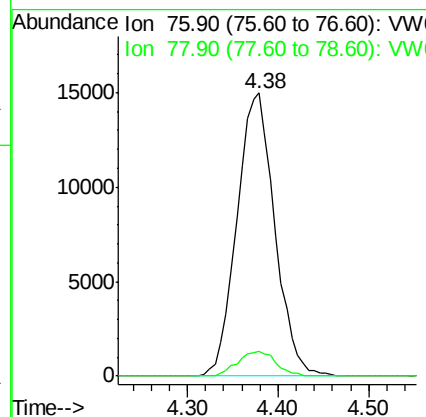
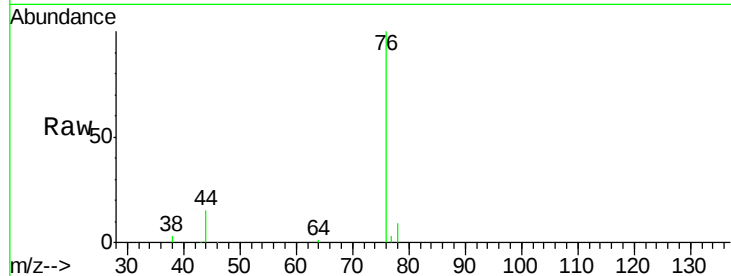
#17
Carbon Disulfide
Concen: 18.884 ug/l
RT: 4.38 min Scan# 406
Delta R.T. 0.00 min
Lab File: VW008042.D
Acq: 04 Jan 2019 12:50

Instrument :
MSVOA_W
ClientSampleId :
VW0104SBSD01

Tot Ion: 76 Resp: 43323
Ion Ratio Lower Upper
76 100
78 9.0 7.0 10.4

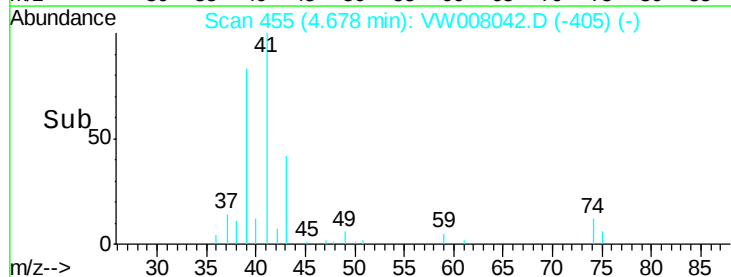
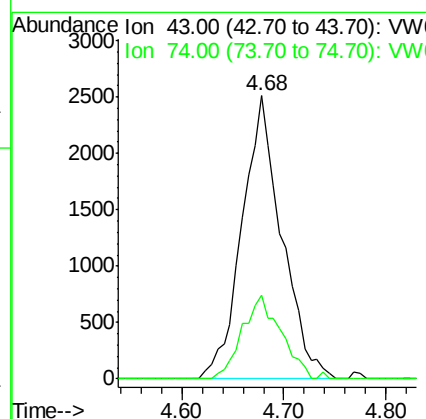
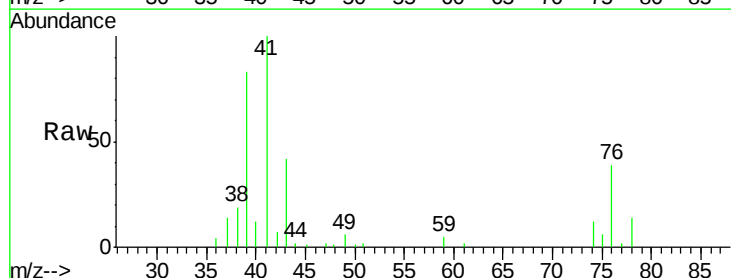
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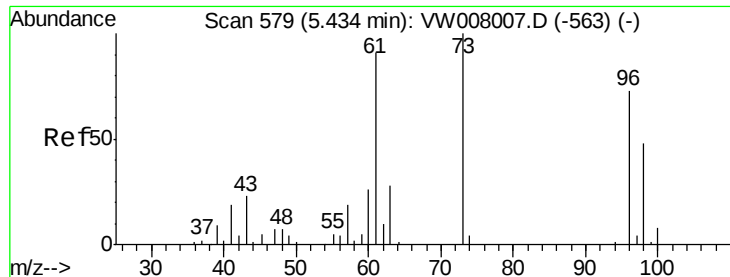
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#18
Methyl Acetate
Concen: 20.382 ug/l
RT: 4.68 min Scan# 455
Delta R.T. 0.01 min
Lab File: VW008042.D
Acq: 04 Jan 2019 12:50

Tgt Ion: 43 Resp: 6770
Ion Ratio Lower Upper
43 100
74 28.6 21.4 32.2





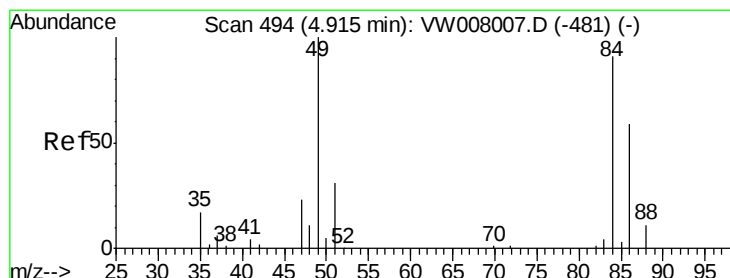
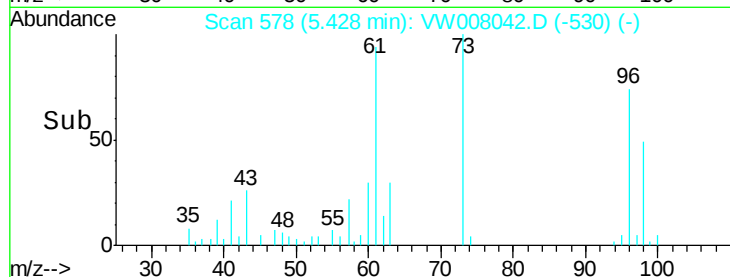
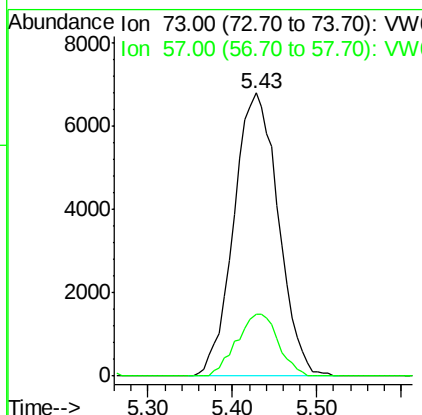
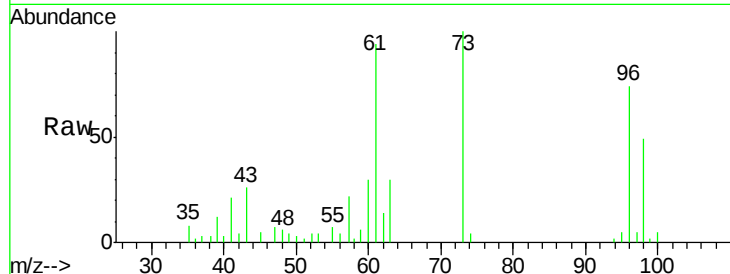
#19
Methyl tert-butyl Ether
Concen: 20.629 ug/l
RT: 5.43 min Scan# 578
Delta R.T. -0.01 min
Lab File: VW008042.D
Acq: 04 Jan 2019 12:50

Instrument :
MSVOA_W
ClientSampleId :
VW0104SBSD01

Tot Ion: 73 Resp: 24383
Ion Ratio Lower Upper
73 100
57 21.8 15.4 23.0

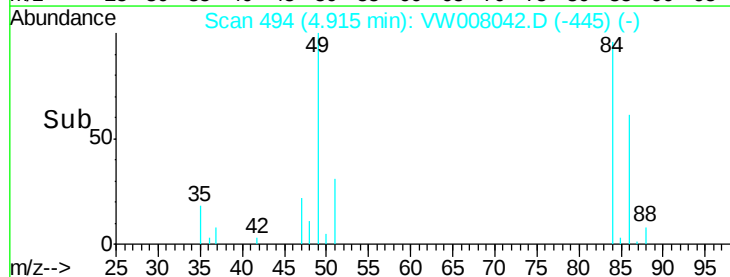
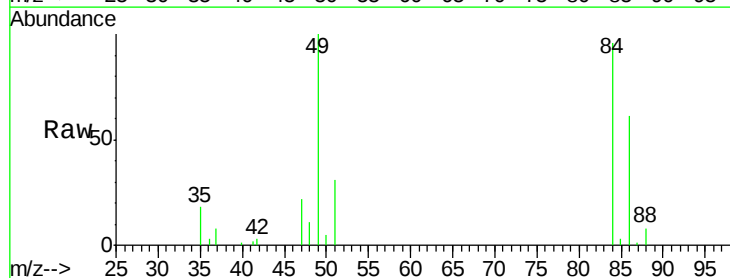
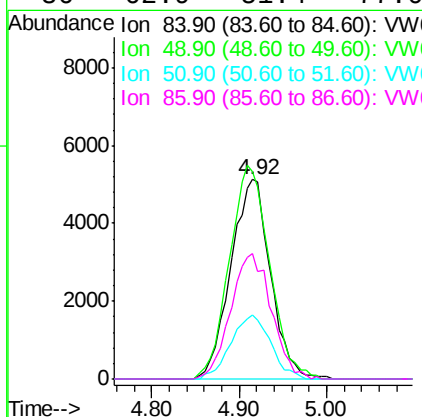
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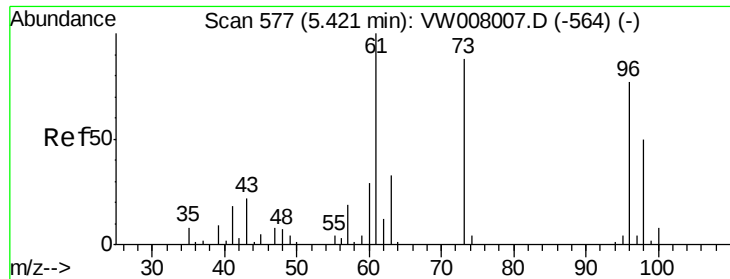
MMDadoda
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#20
Methylene Chloride
Concen: 18.966 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW008042.D
Acq: 04 Jan 2019 12:50

Tgt Ion: 84 Resp: 16146
Ion Ratio Lower Upper
84 100
49 103.8 87.7 131.5
51 32.4 27.3 40.9
86 62.9 51.4 77.0





#21

trans-1,2-Dichloroethene

Concen: 19.546 ug/l

RT: 5.42 min Scan# 577

Delta R.T. 0.00 min

Lab File: VW008042.D

Acq: 04 Jan 2019 12:50

Instrument :

MSVOA_W

ClientSampleId :

VW0104SBSD01

Tot Ion: 96 Resp: 15972

Ion Ratio Lower Upper

96 100

61 132.1 104.2 156.2

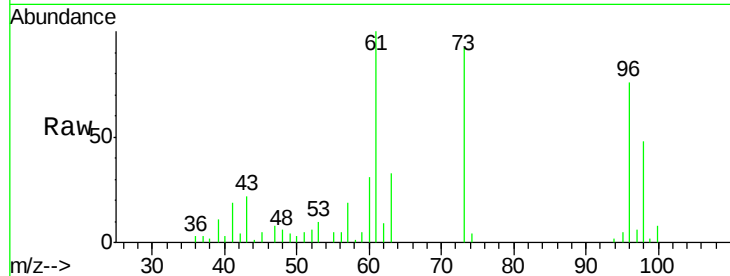
98 63.2 51.8 77.6

Manual Integrations

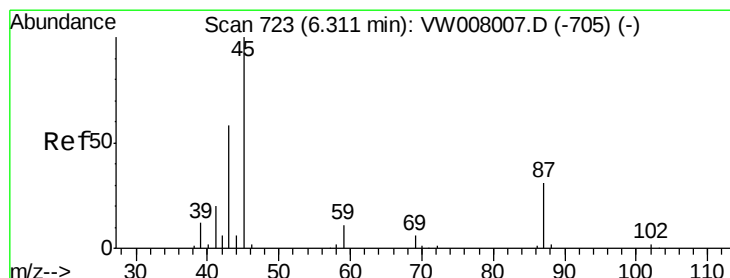
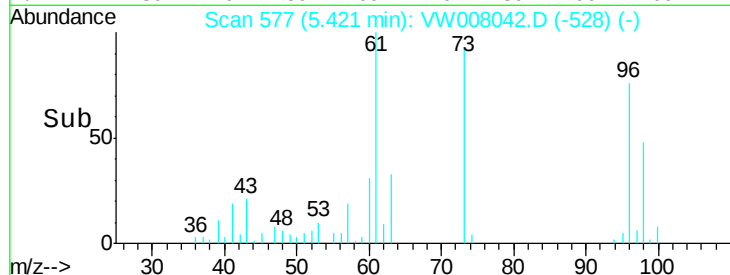
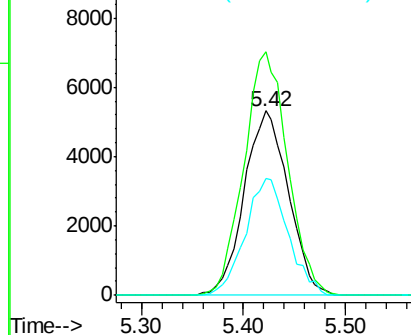
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Abundance Ion 95.90 (95.60 to 96.60): VW
Ion 60.90 (60.60 to 61.60): VW
Ion 97.90 (97.60 to 98.60): VW



#22

Diisopropyl ether

Concen: 20.685 ug/l

RT: 6.31 min Scan# 723

Delta R.T. 0.00 min

Lab File: VW008042.D

Acq: 04 Jan 2019 12:50

Tgt Ion: 45 Resp: 37777

Ion Ratio Lower Upper

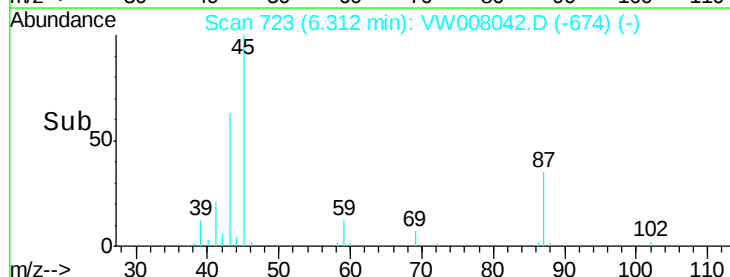
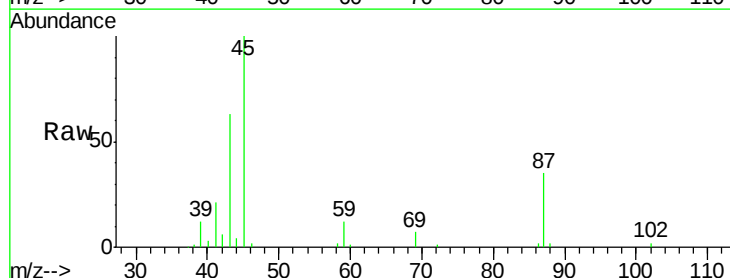
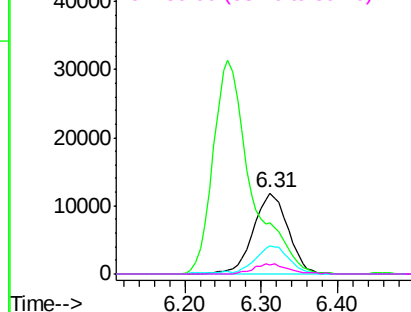
45 100

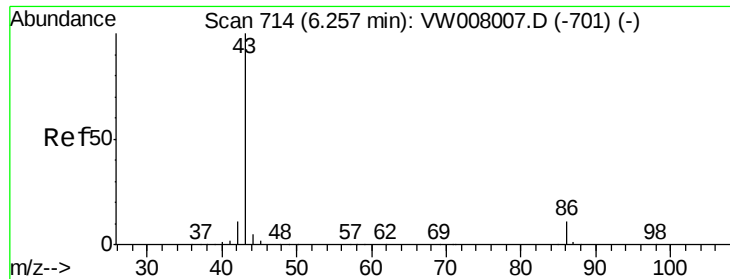
43 62.0 48.1 72.1

87 35.4 25.8 38.8

59 11.5 8.7 13.1

Abundance Ion 45.00 (44.70 to 45.70): VW
Ion 43.00 (42.70 to 43.70): VW
Ion 87.00 (86.70 to 87.70): VW
Ion 59.00 (58.70 to 59.70): VW





#23

Vinyl Acetate

Concen: 105.253 ug/l

RT: 6.26 min Scan# 714

Delta R.T. 0.00 min

Lab File: VW008042.D

Acq: 04 Jan 2019 12:50

Instrument :

MSVOA_W

ClientSampleId :

VW0104SBSD01

Tot Ion: 43 Resp: 107550

Ion Ratio Lower Upper

43 100

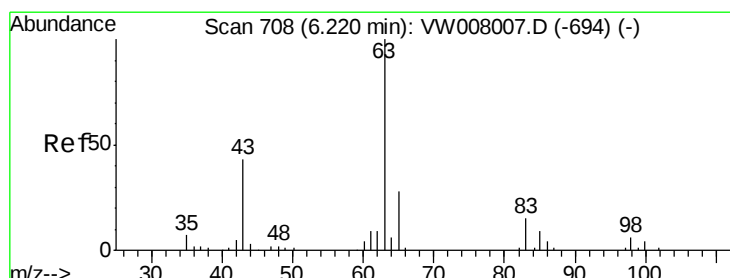
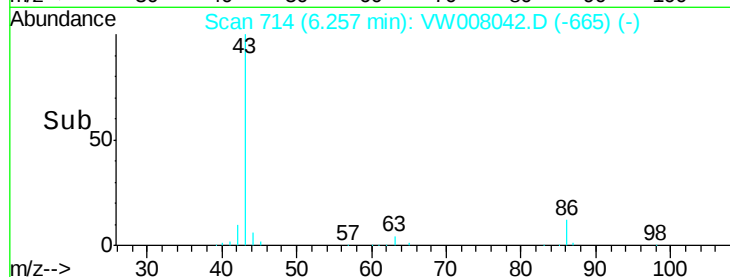
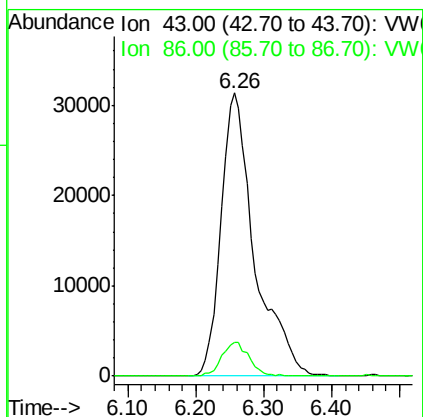
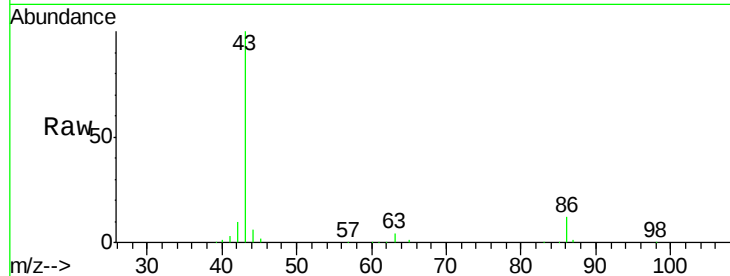
86 12.0 8.8 13.2

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 19.587 ug/l

RT: 6.22 min Scan# 708

Delta R.T. 0.00 min

Lab File: VW008042.D

Acq: 04 Jan 2019 12:50

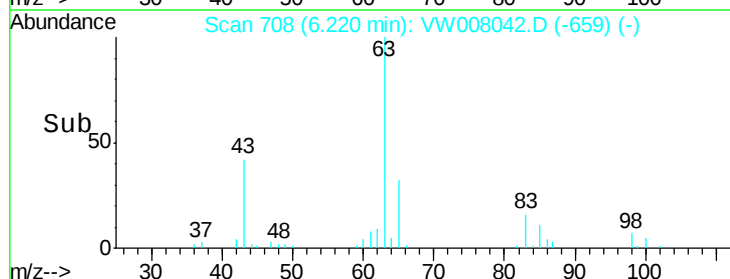
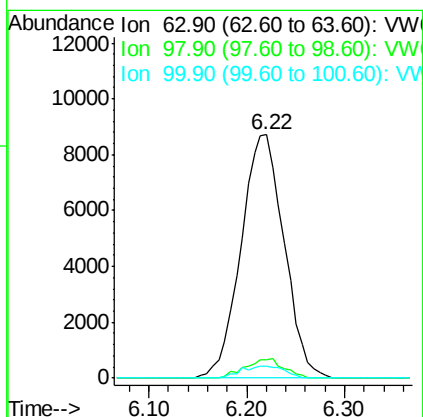
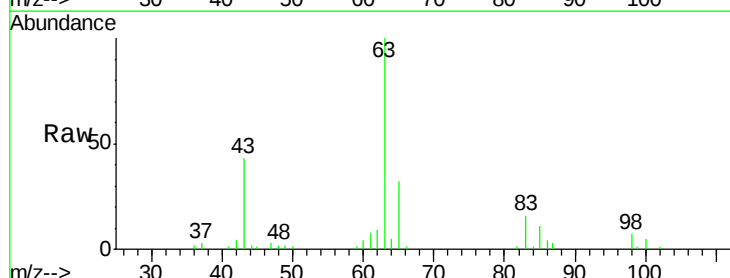
Tgt Ion: 63 Resp: 26579

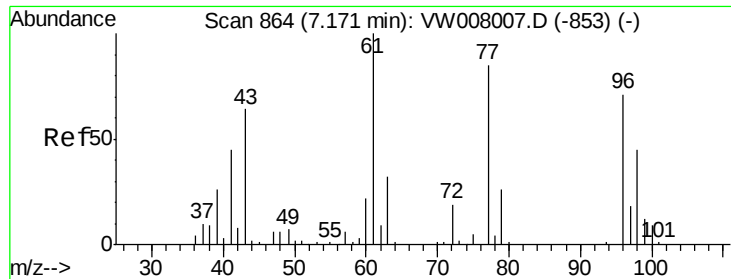
Ion Ratio Lower Upper

63 100

98 7.4 3.2 9.6

100 4.8 2.1 6.2





#25

2-Butanone

Concen: 112.528 ug/l

RT: 7.18 min Scan# 865

Delta R.T. 0.01 min

Lab File: VW008042.D

Acq: 04 Jan 2019 12:50

Instrument :

MSVOA_W

ClientSampleId :

VW0104SBSD01

Tot Ion: 43 Resp: 16981

Ion Ratio Lower Upper

43 100

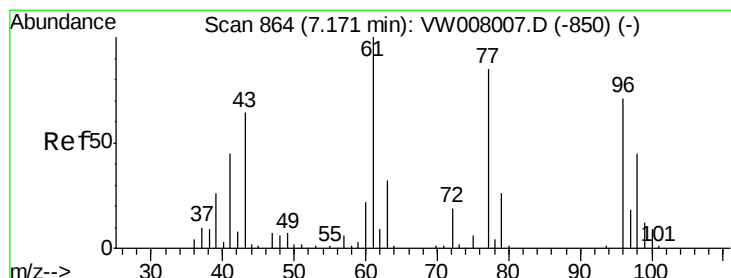
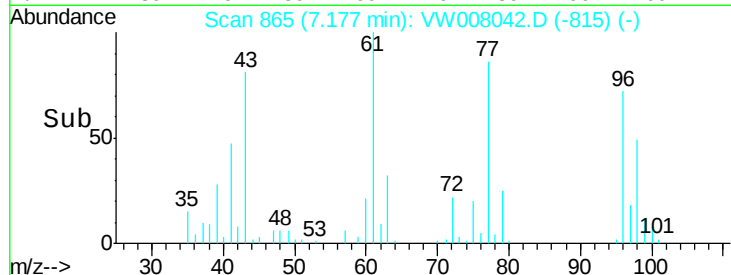
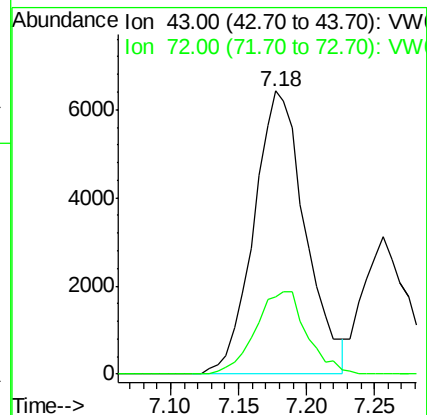
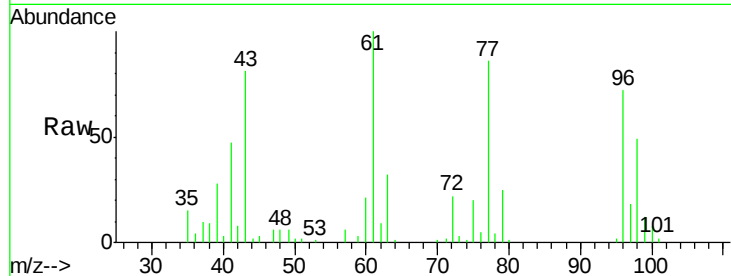
72 27.4 23.8 35.8

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 20.246 ug/l

RT: 7.17 min Scan# 863

Delta R.T. -0.01 min

Lab File: VW008042.D

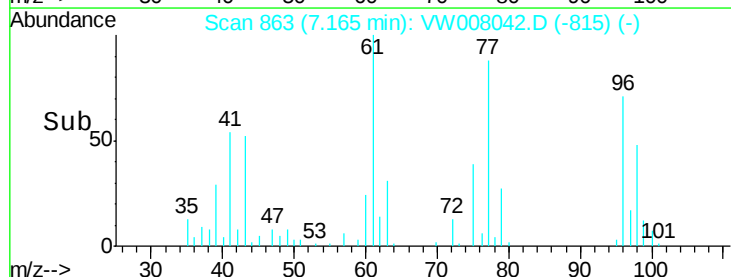
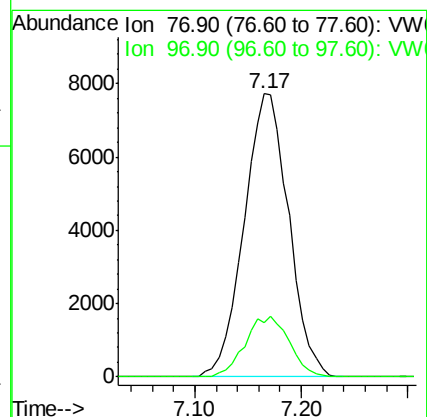
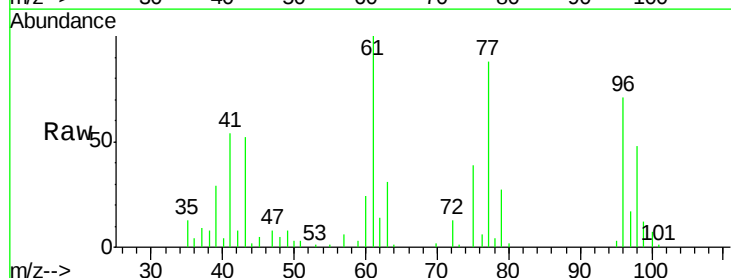
Acq: 04 Jan 2019 12:50

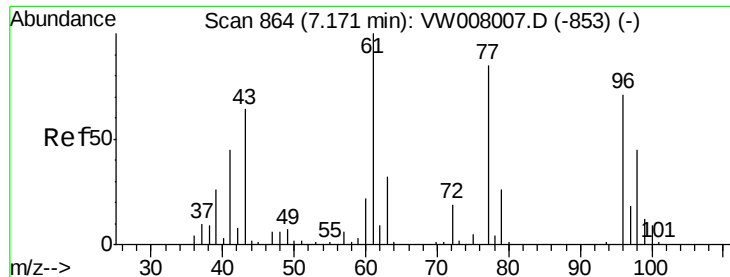
Tgt Ion: 77 Resp: 22635

Ion Ratio Lower Upper

77 100

97 21.2 11.0 33.0





#27

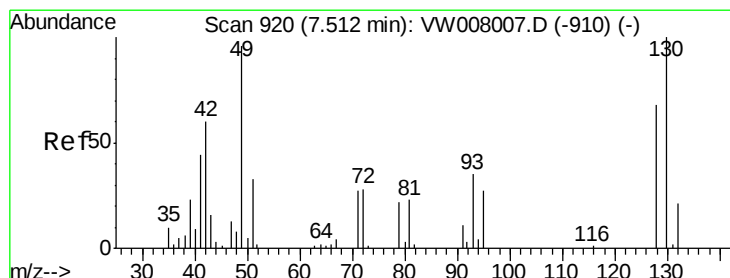
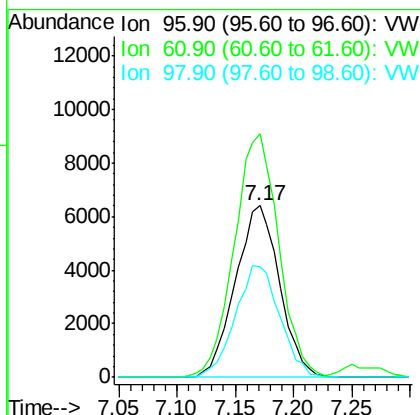
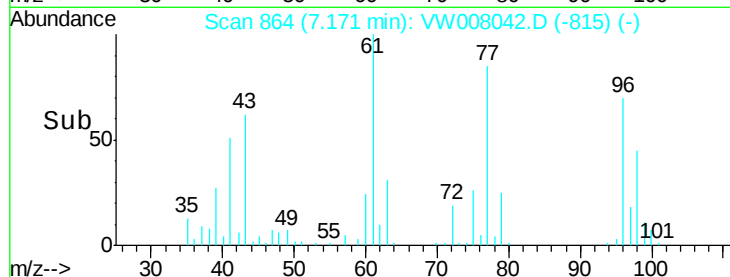
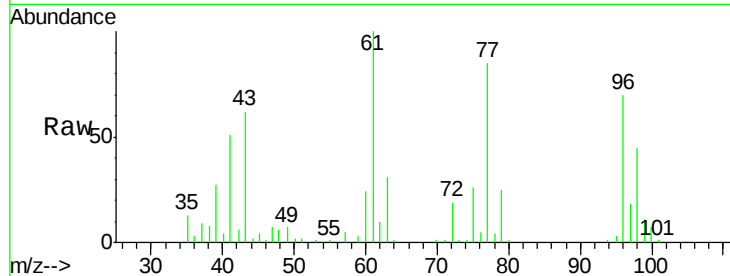
cis-1,2-Dichloroethene
Concen: 19.401 ug/l
RT: 7.17 min Scan# 864
Delta R.T. 0.00 min
Lab File: VW008042.D
Acq: 04 Jan 2019 12:50

Instrument :
MSVOA_W
ClientSampleId :
VW0104SBSD01

Tot Ion	Ratio	Lower	Upper
96	100		
61	142.4	0.0	286.4
98	65.0	0.0	130.6

Manual Integrations
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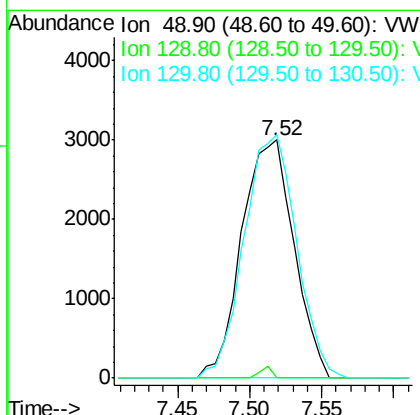
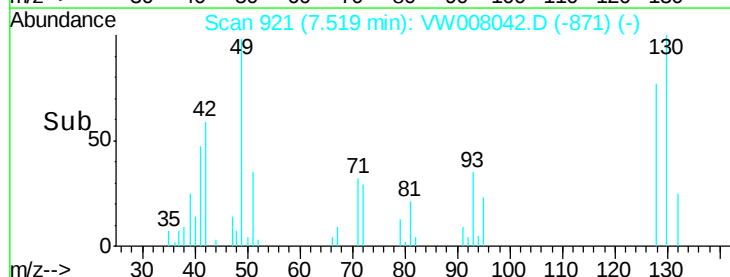
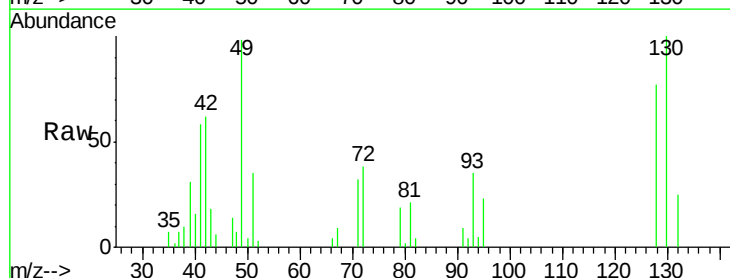
MMDadoda
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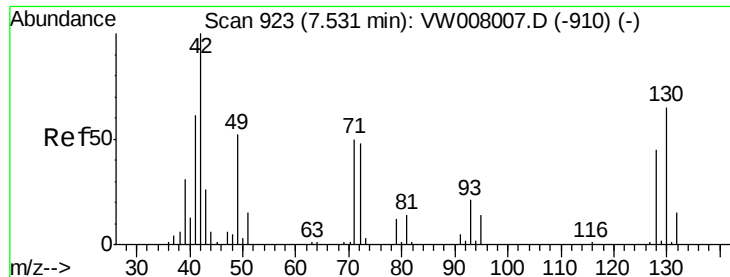


#28

Bromochloromethane
Concen: 17.322 ug/l
RT: 7.52 min Scan# 921
Delta R.T. 0.01 min
Lab File: VW008042.D
Acq: 04 Jan 2019 12:50

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.1	0.0	0.8#
130	102.7	78.5	117.7





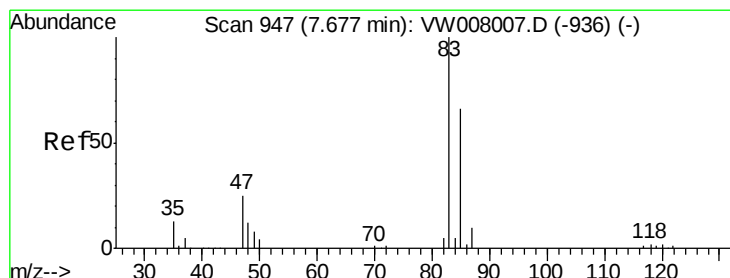
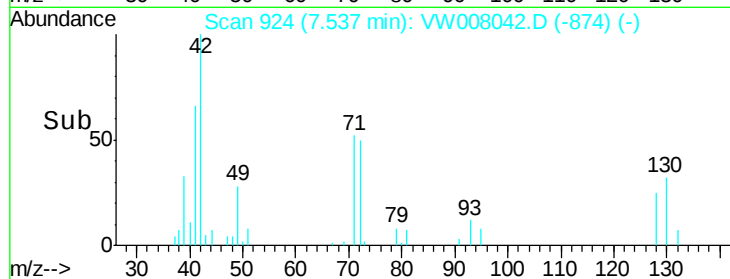
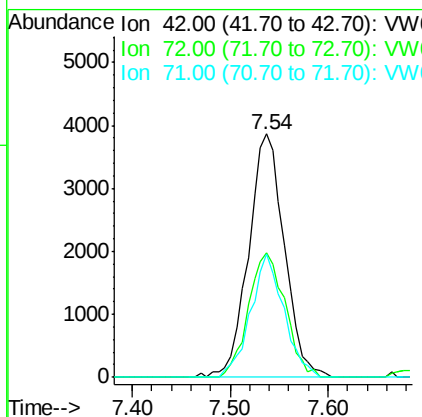
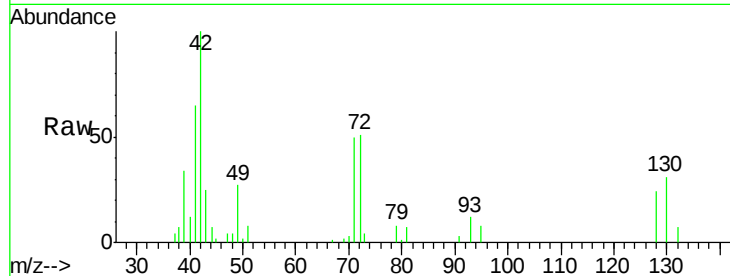
#29
Tetrahydrofuran
Concen: 104.486 ug/l
RT: 7.54 min Scan# 924
Delta R.T. 0.01 min
Lab File: VW008042.D
Acq: 04 Jan 2019 12:50

Instrument :
MSVOA_W
ClientSampleId :
VW0104SBSD01

Tot Ion	Ratio	Lower	Upper
42	100		
72	52.3	39.0	58.6
71	46.9	39.1	58.7

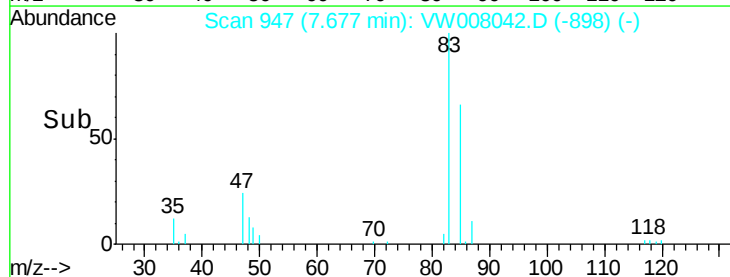
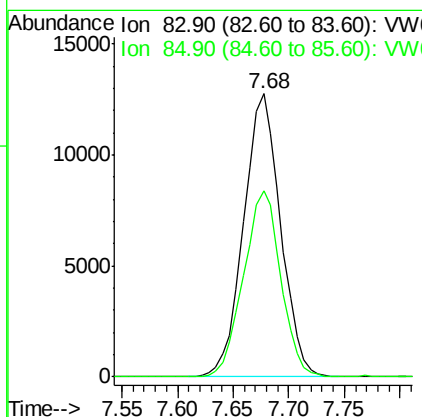
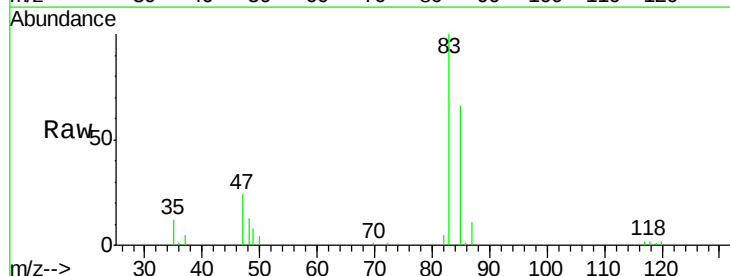
Manual Integrations
APPROVED

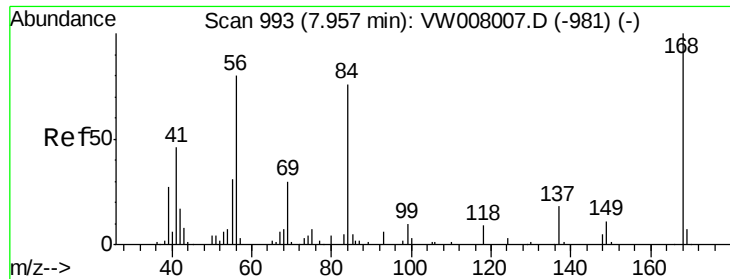
MMDadoda
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#30
Chloroform
Concen: 19.371 ug/l
RT: 7.68 min Scan# 947
Delta R.T. 0.00 min
Lab File: VW008042.D
Acq: 04 Jan 2019 12:50

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.6	52.7	79.1





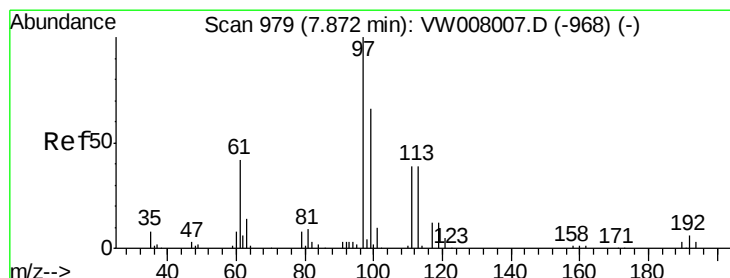
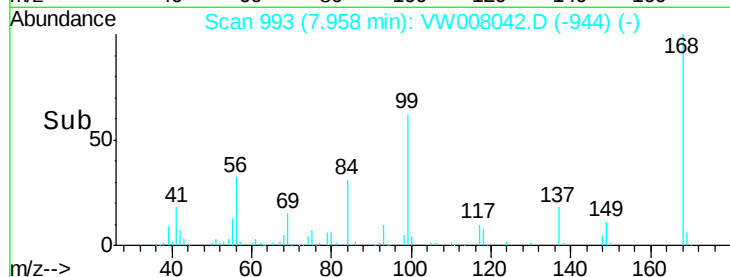
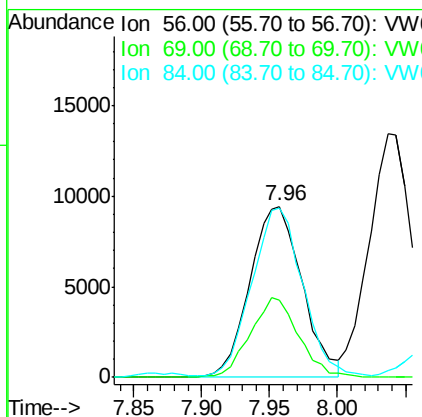
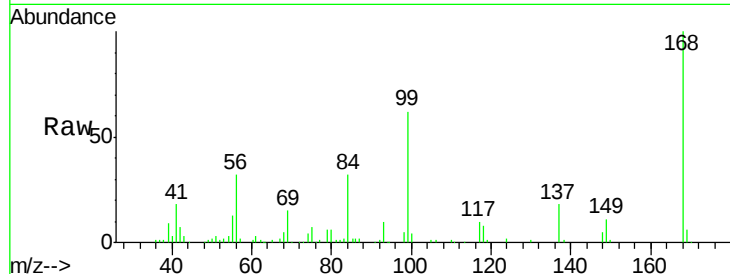
#31
Cyclohexane
Concen: 19.988 ug/l
RT: 7.96 min Scan# 993
Delta R.T. 0.00 min
Lab File: VW008042.D
Acq: 04 Jan 2019 12:50

Instrument :
MSVOA_W
ClientSampleId :
VW0104SBS01

Tot Ion	Ratio	Lower	Upper
56	100		
69	45.4	29.8	44.6#
84	97.9	75.2	112.8

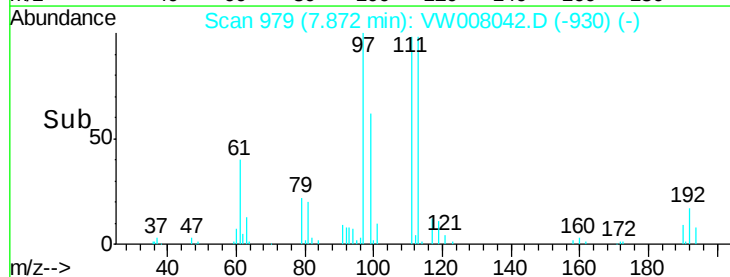
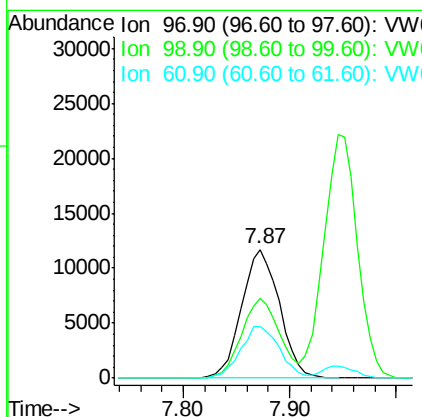
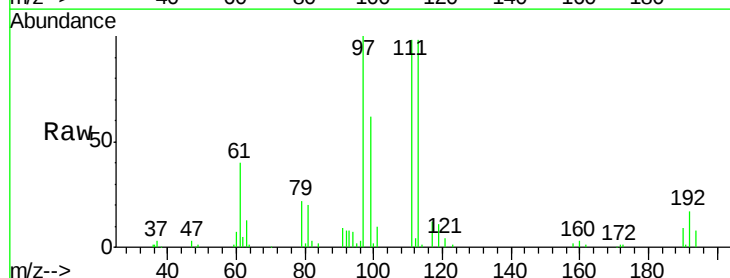
Manual Integrations
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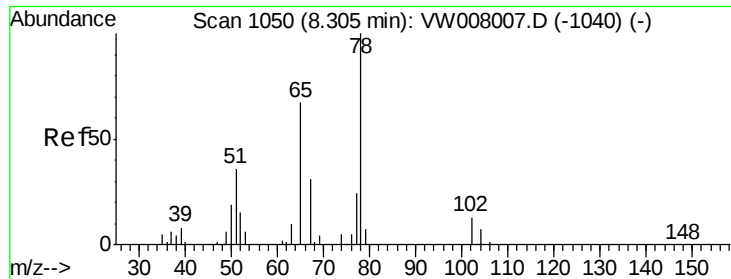
MMDadoda
1/7/2019 1:22:51 PM



#32
1,1,1-Trichloroethane
Concen: 20.099 ug/l
RT: 7.87 min Scan# 979
Delta R.T. 0.00 min
Lab File: VW008042.D
Acq: 04 Jan 2019 12:50

Tgt Ion	Ratio	Lower	Upper
97	100		
99	62.4	51.5	77.3
61	41.2	33.4	50.0





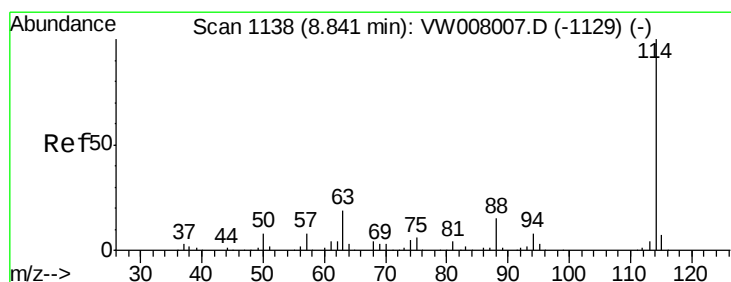
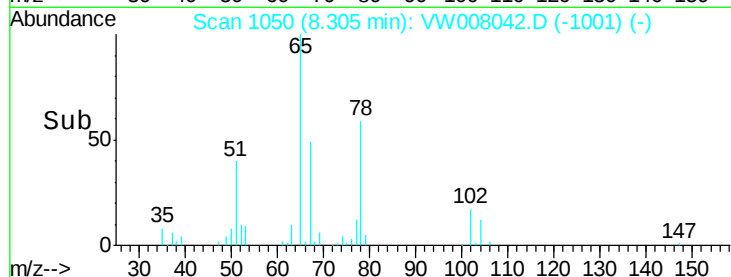
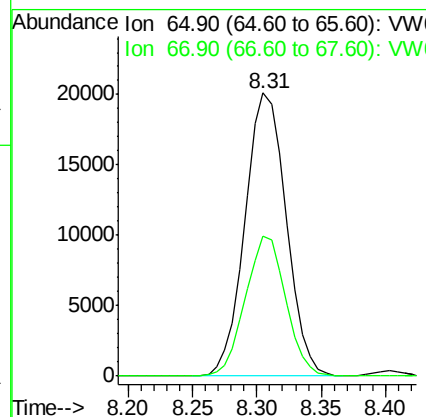
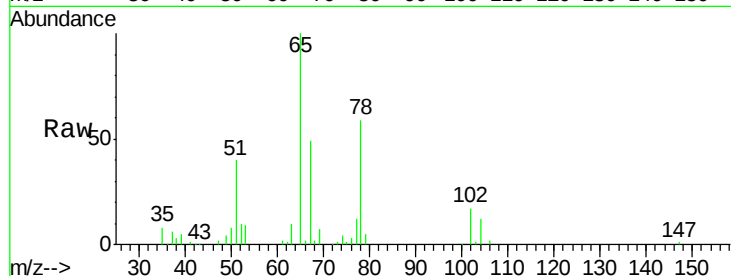
#33
 1,2-Dichloroethane-d4
 Concen: 53.938 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VW008042.D
 Acq: 04 Jan 2019 12:50

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0104SBSD01

Tot Ion	Ratio	Lower	Upper
65	100		
67	48.4	0.0	94.8

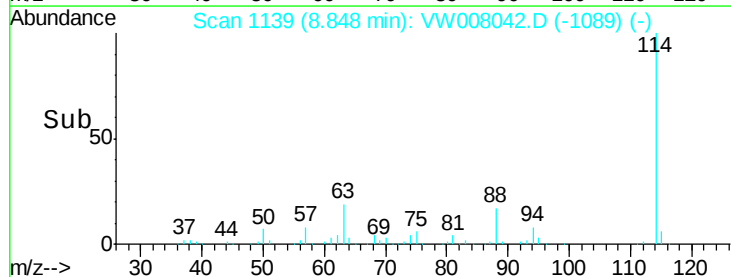
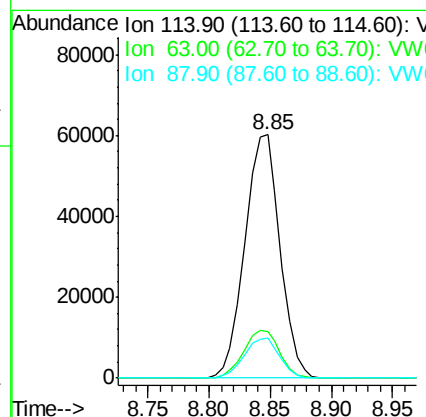
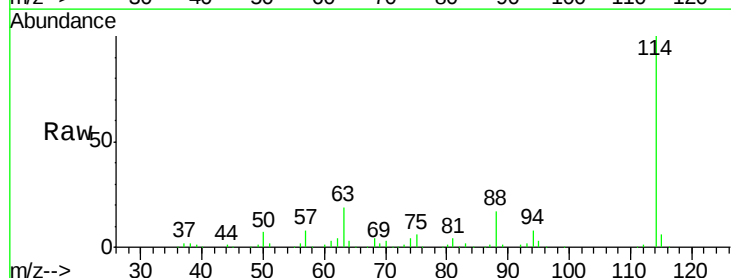
Manual Integrations
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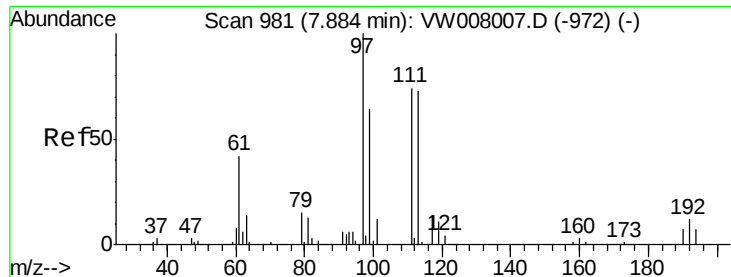
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 1/7/2019 1:22:51 PM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.01 min
 Lab File: VW008042.D
 Acq: 04 Jan 2019 12:50

Tgt Ion	Ratio	Lower	Upper
114	100		
63	19.4	0.0	37.8
88	16.5	0.0	31.0





#35

Dibromofluoromethane

Concen: 50.571 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.00 min

Lab File: VW008042.D

Acq: 04 Jan 2019 12:50

Instrument :

MSVOA_W

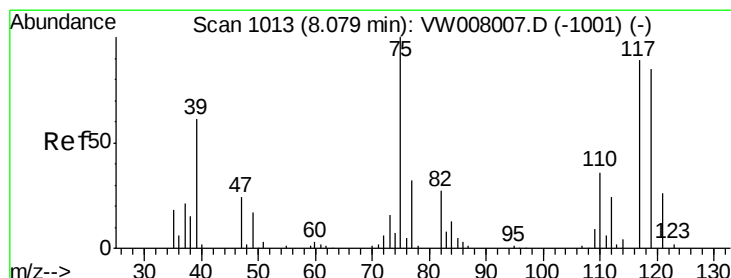
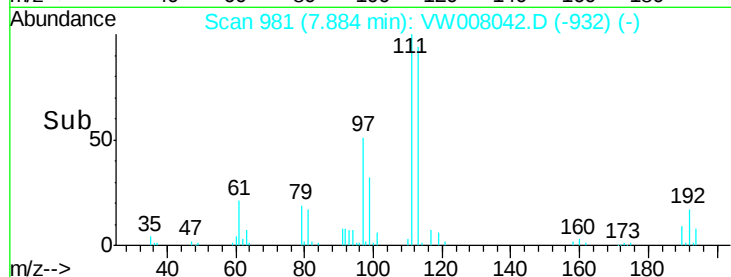
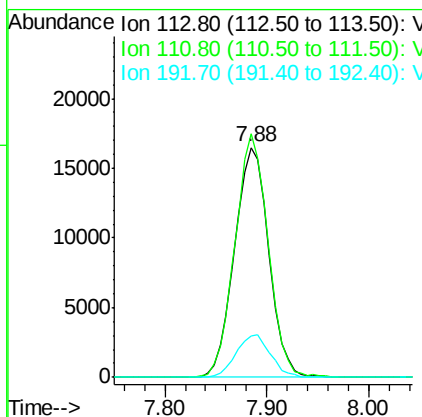
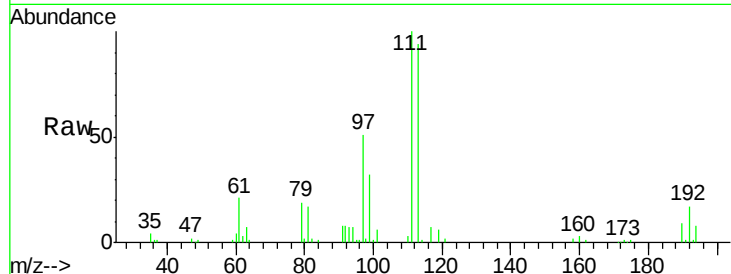
ClientSampleId :

VW0104SBSD01

Tot Ion:	113	Resp:	38372
Ion	Ratio	Lower	Upper
113	100		
111	102.9	81.4	122.0
192	18.5	14.8	22.2

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 19.253 ug/l

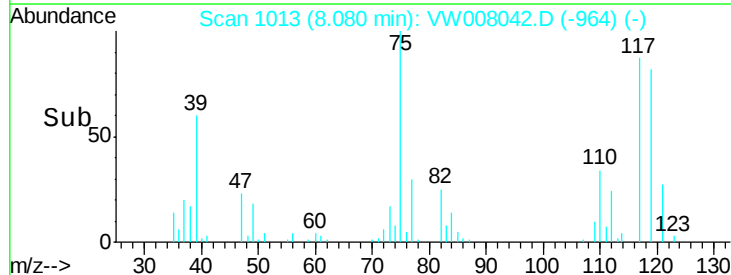
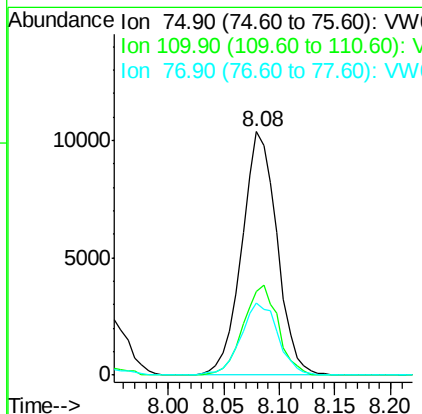
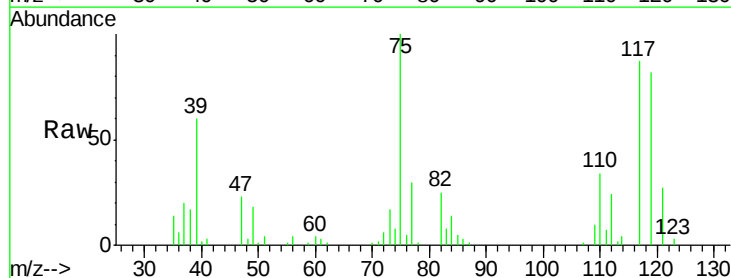
RT: 8.08 min Scan# 1013

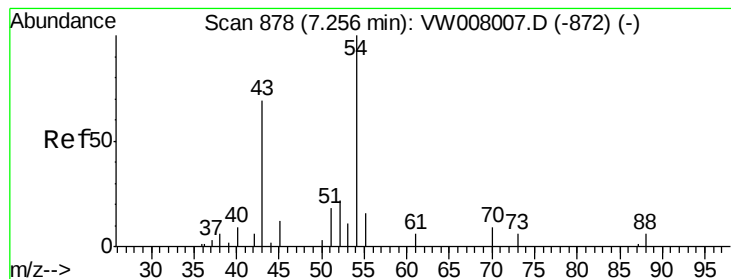
Delta R.T. 0.00 min

Lab File: VW008042.D

Acq: 04 Jan 2019 12:50

Tgt Ion:	75	Resp:	22860
Ion	Ratio	Lower	Upper
75	100		
110	36.5	18.1	54.3
77	31.3	25.3	37.9





#37

Ethyl Acetate

Concen: 20.906 ug/l

RT: 7.26 min Scan# 878

Delta R.T. 0.00 min

Lab File: VW008042.D

Acq: 04 Jan 2019 12:50

Instrument :

MSVOA_W

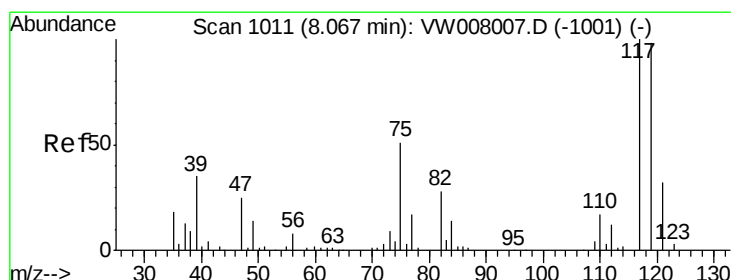
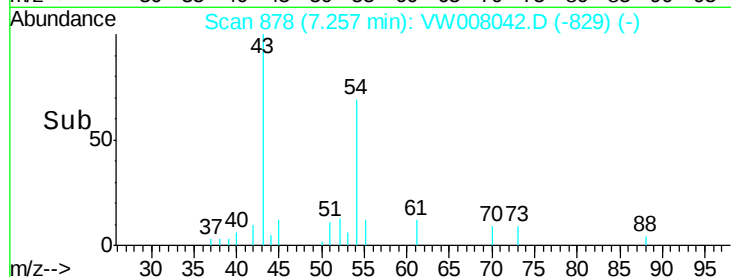
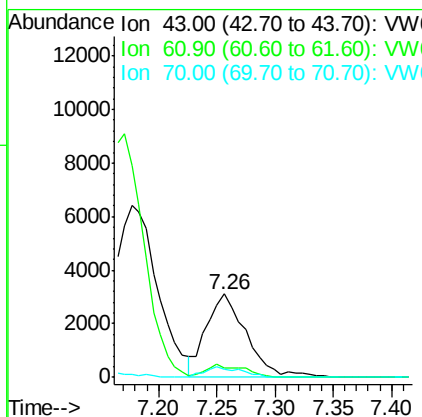
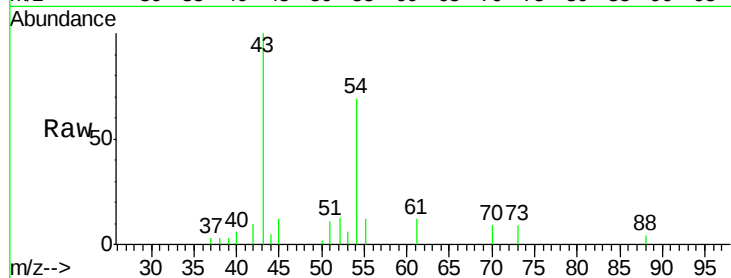
ClientSampleId :

VW0104SBSD01

Tot Ion:	43	Resp:	7456
Ion	Ratio	Lower	Upper
43	100		
61	14.6	11.4	17.2
70	11.2	9.4	14.0

Manual Integrations
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#38

Carbon Tetrachloride

Concen: 19.522 ug/l

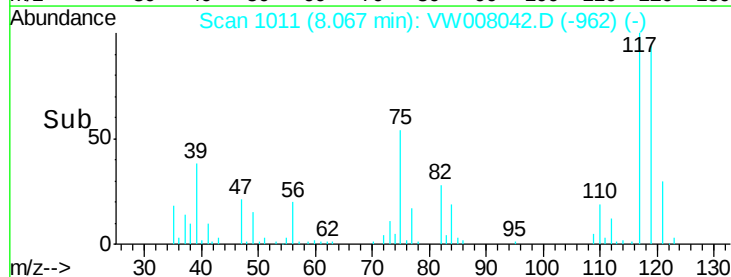
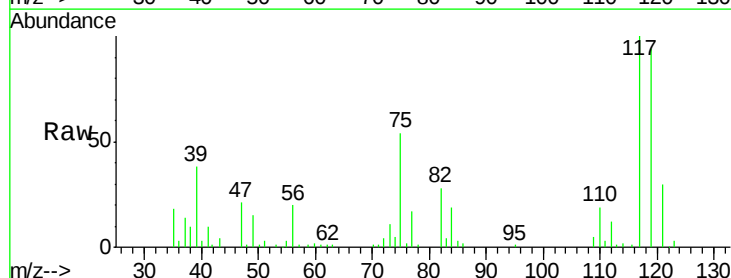
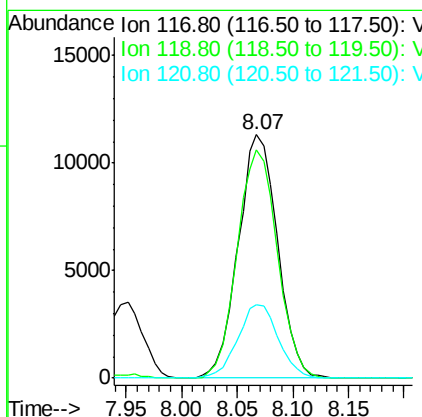
RT: 8.07 min Scan# 1011

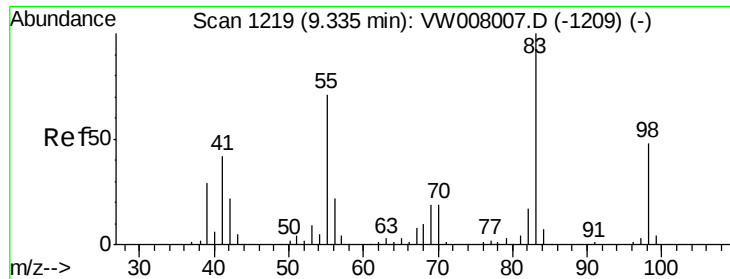
Delta R.T. 0.00 min

Lab File: VW008042.D

Acq: 04 Jan 2019 12:50

Tgt Ion:	117	Resp:	27779
Ion	Ratio	Lower	Upper
117	100		
119	93.7	78.7	118.1
121	30.4	25.8	38.8





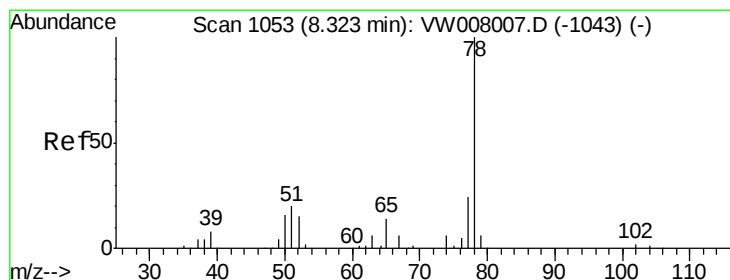
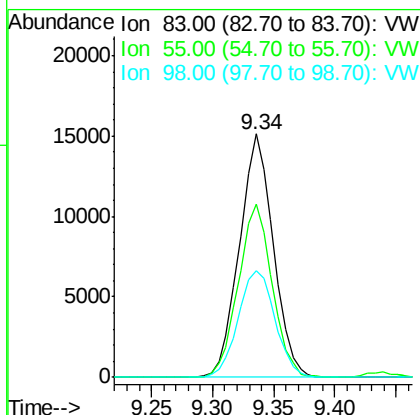
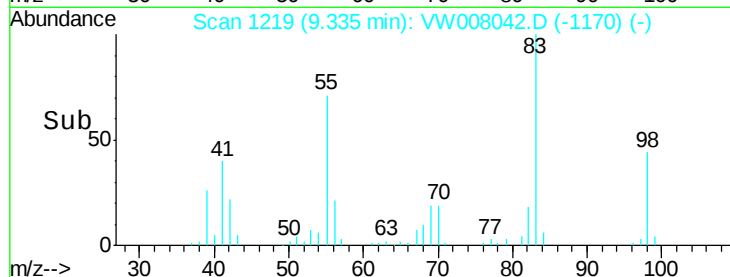
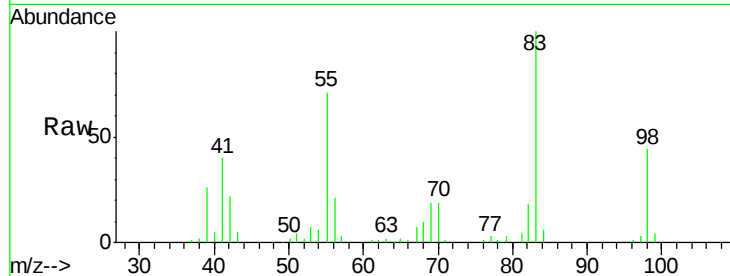
#39
Methvlcvclohexane
Concen: 19.683 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. 0.00 min
Lab File: VW008042.D
Acq: 04 Jan 2019 12:50

Instrument :
MSVOA_W
ClientSampleId :
VW0104SBSD01

Tot Ion	Ratio	Lower	Upper
83	100		
55	71.0	56.8	85.2
98	44.0	38.6	58.0

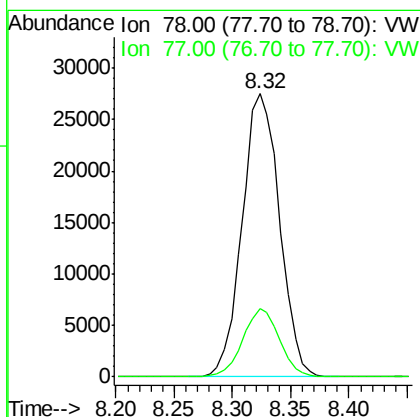
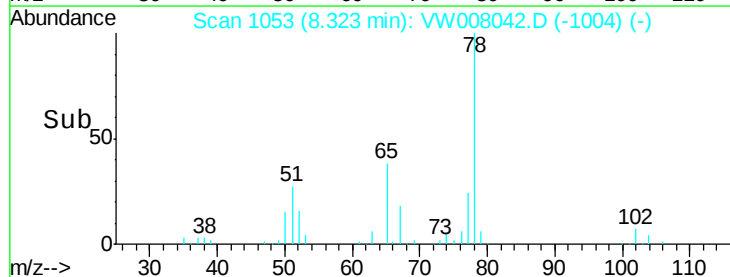
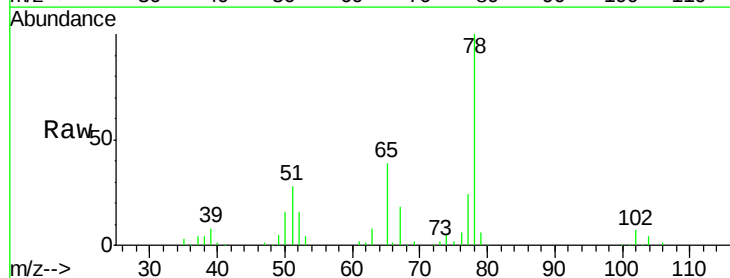
Manual Integrations
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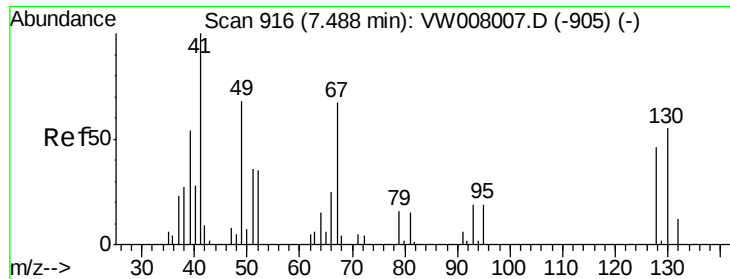
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#40
Benzene
Concen: 19.666 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. 0.00 min
Lab File: VW008042.D
Acq: 04 Jan 2019 12:50

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.1	19.0	28.6





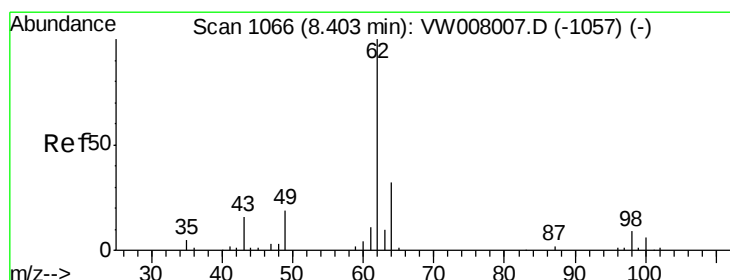
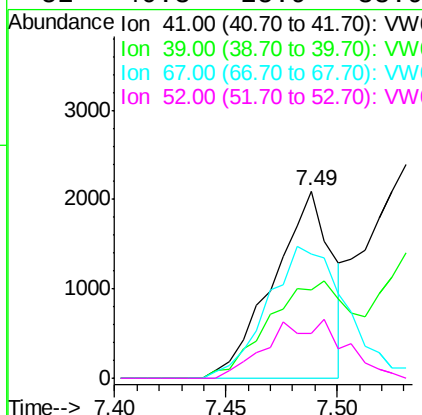
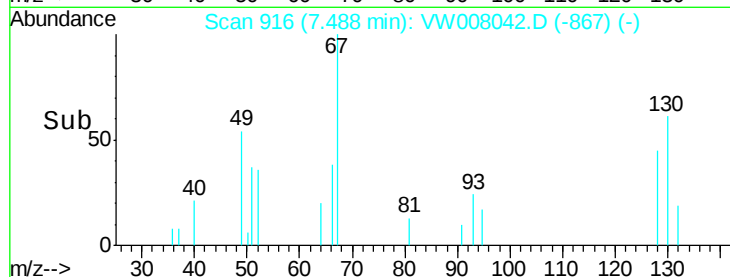
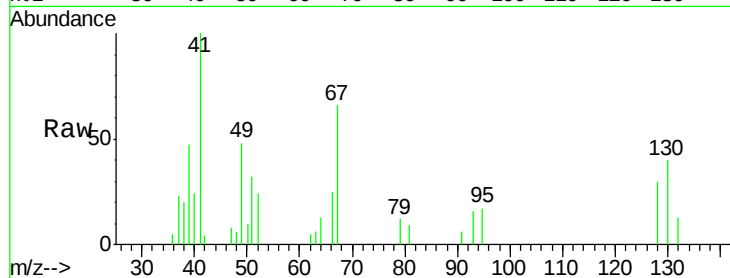
#41
Methacrylonitrile
Concen: 18.279 ug/l
RT: 7.49 min Scan# 916
Delta R.T. 0.00 min
Lab File: VW008042.D
Acq: 04 Jan 2019 12:50

Instrument :
MSVOA_W
ClientSampleId :
VW0104SBSD01

Tot Ion	Ratio	Lower	Upper
41	100		
39	74.7	48.6	72.8#
67	94.6	55.6	83.4#
52	40.3	25.9	38.9#

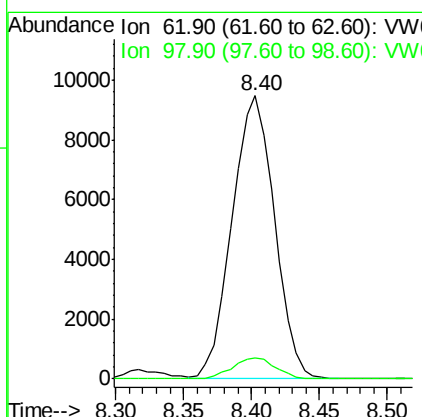
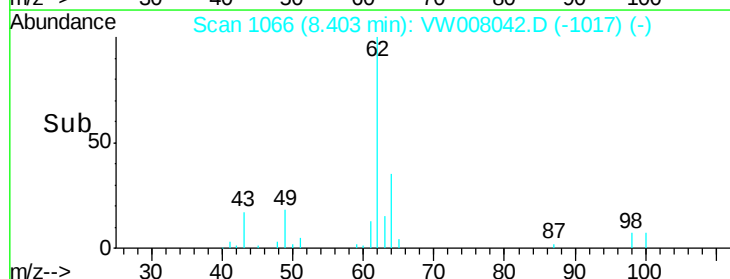
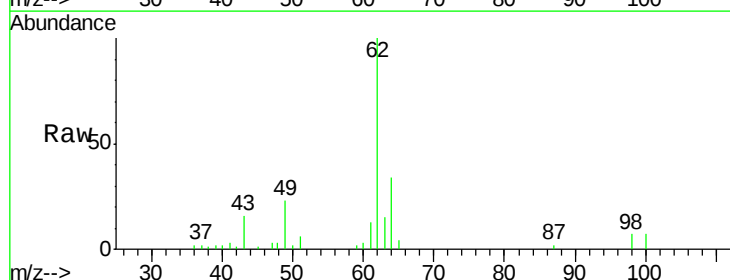
Manual Integrations
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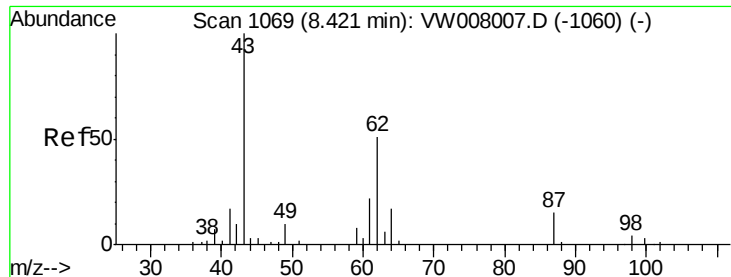
MMDadoda
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#42
1,2-Dichloroethane
Concen: 19.814 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. 0.00 min
Lab File: VW008042.D
Acq: 04 Jan 2019 12:50

Tgt Ion	Ratio	Lower	Upper
62	100		
98	7.6	0.0	15.6





#43

Isopropyl Acetate

Concen: 22.154 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. 0.01 min

Lab File: VW008042.D

Acq: 04 Jan 2019 12:50

Instrument :

MSVOA_W

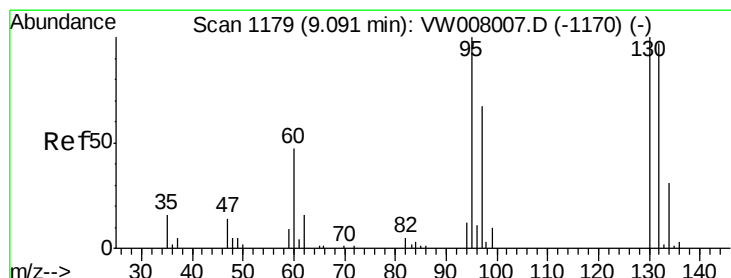
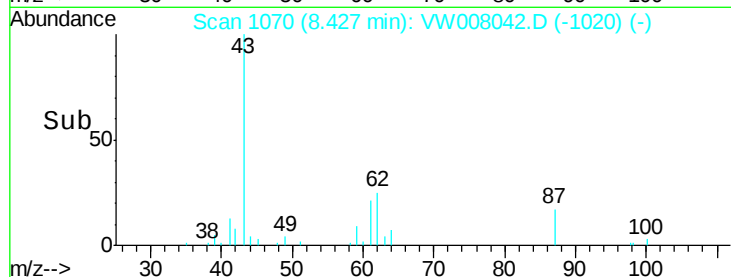
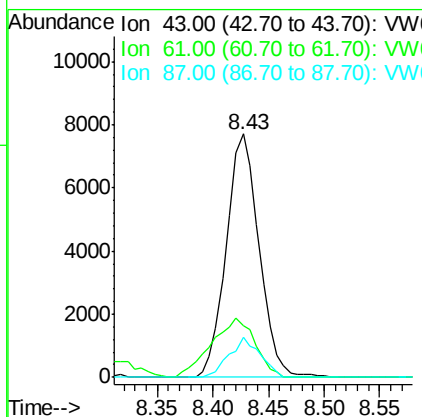
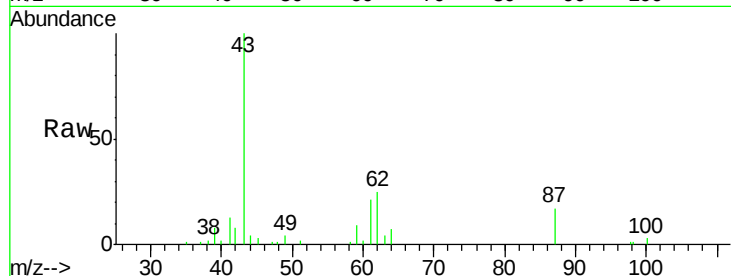
ClientSampleID :

VW0104SBSD01

Tot Ion:	43	Resp:	15787
Ion	Ratio	Lower	Upper
43	100		
61	32.3	26.4	39.6
87	15.3	12.0	18.0

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#44

Trichloroethene

Concen: 19.884 ug/l

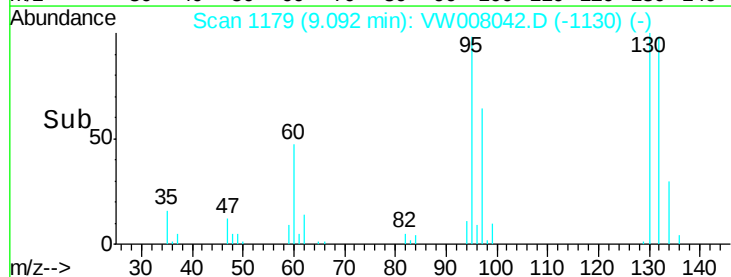
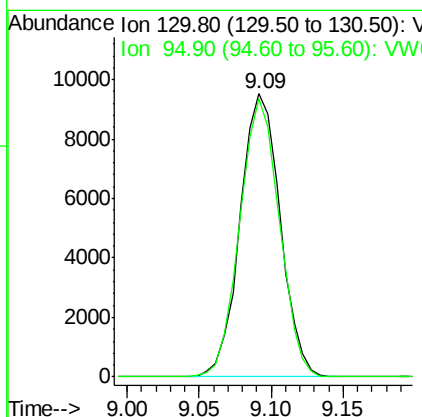
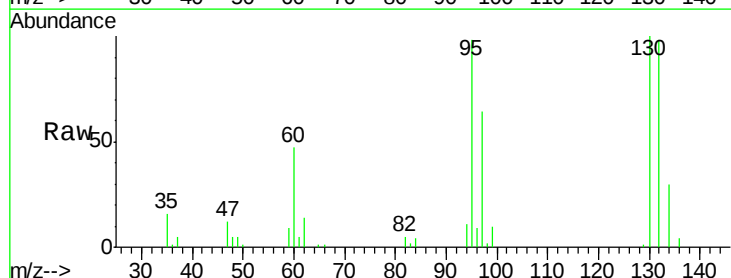
RT: 9.09 min Scan# 1179

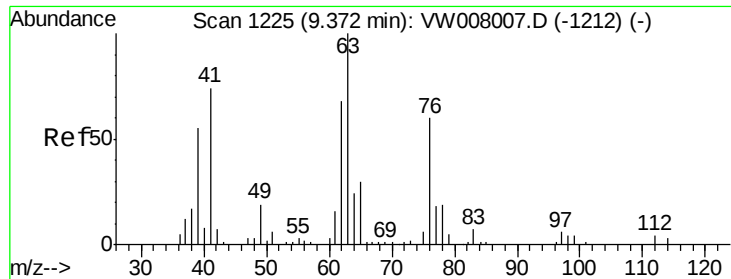
Delta R.T. 0.00 min

Lab File: VW008042.D

Acq: 04 Jan 2019 12:50

Tgt Ion:	130	Resp:	18379
Ion	Ratio	Lower	Upper
130	100		
95	98.2	0.0	200.0





#45

1,2-Dichloropropane

Concen: 20.006 ug/l

RT: 9.37 min Scan# 1225

Delta R.T. 0.00 min

Lab File: VW008042.D

Acq: 04 Jan 2019 12:50

Instrument :

MSVOA_W

ClientSampleId :

VW0104SBS01

Tot Ion: 63 Resp: 13564

Ion Ratio Lower Upper

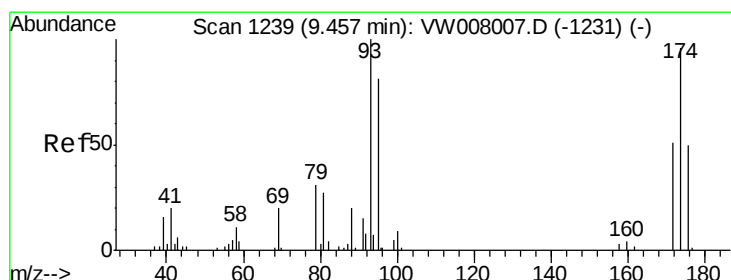
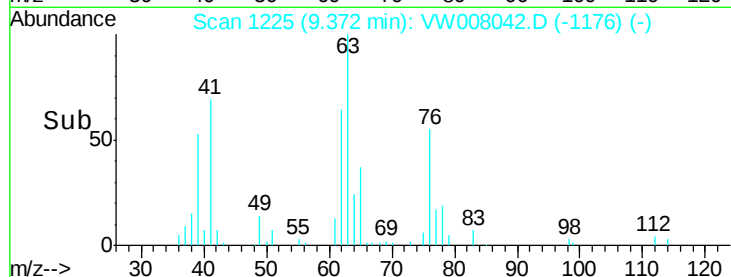
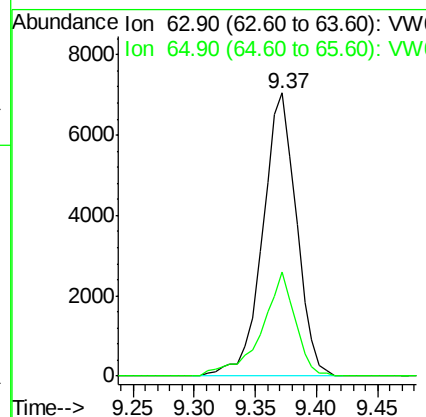
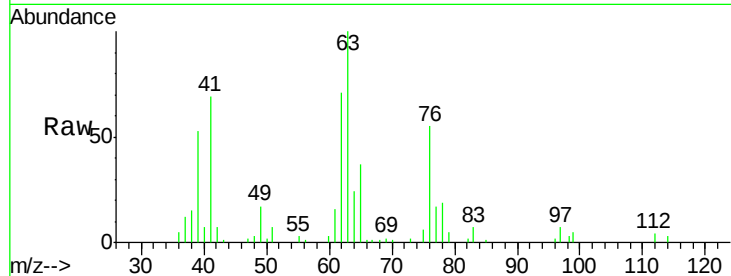
63 100

65 36.7 24.2 36.4#

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#46

Dibromomethane

Concen: 20.078 ug/l

RT: 9.46 min Scan# 1239

Delta R.T. 0.00 min

Lab File: VW008042.D

Acq: 04 Jan 2019 12:50

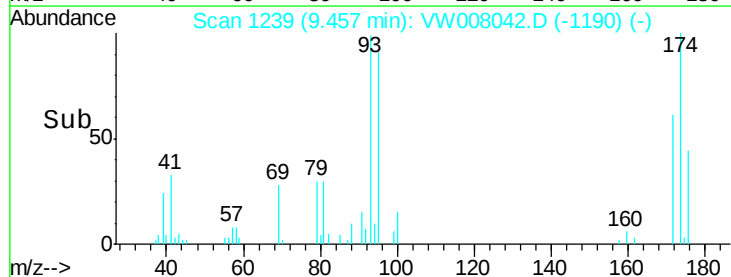
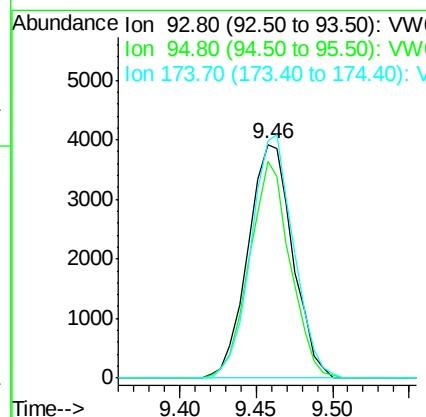
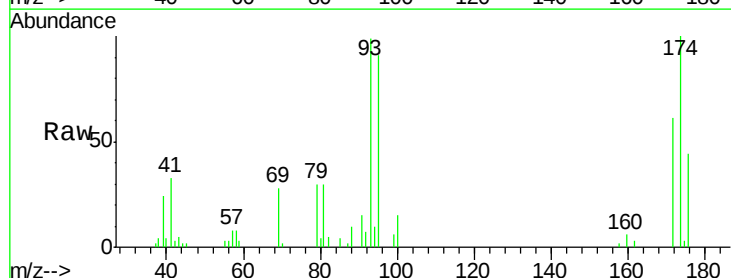
Tgt Ion: 93 Resp: 7959

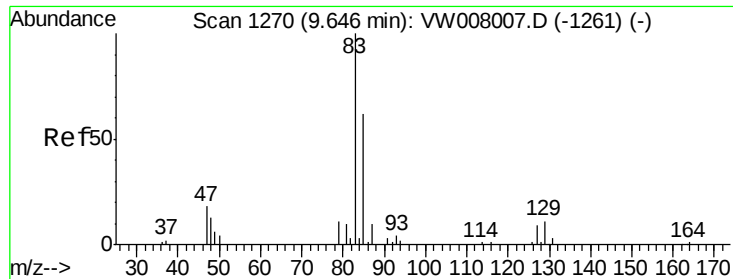
Ion Ratio Lower Upper

93 100

95 84.9 63.9 95.9

174 99.0 79.0 118.6





#47

Bromodichloromethane

Concen: 19.730 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. 0.00 min

Lab File: VW008042.D

Acq: 04 Jan 2019 12:50

Instrument :

MSVOA_W

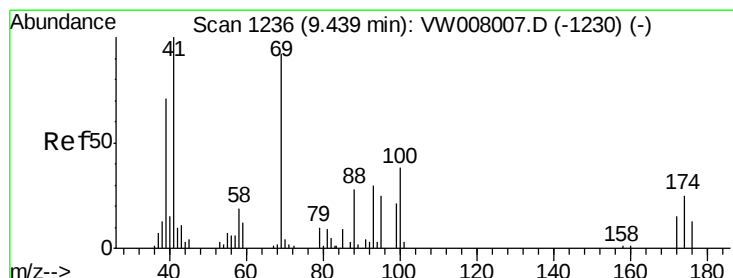
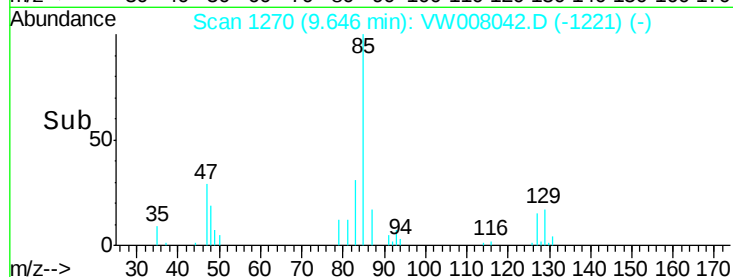
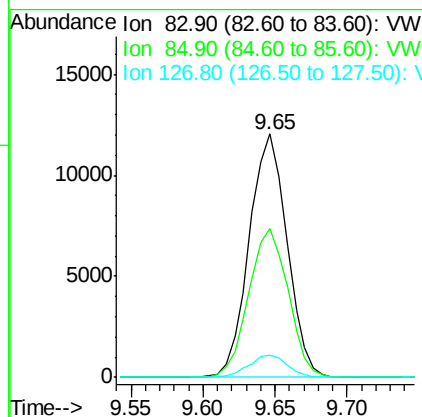
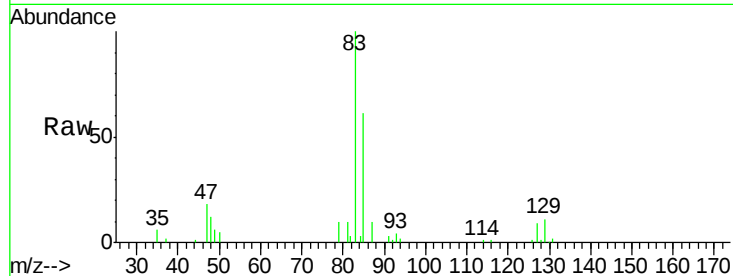
ClientSampleId :

VW0104SBSD01

Tot Ion:	83	Resp:	21906
Ion	Ratio	Lower	Upper
83	100		
85	61.3	49.5	74.3
127	9.2	7.5	11.3

Manual Integrations
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#48

Methyl methacrylate

Concen: 21.232 ug/l

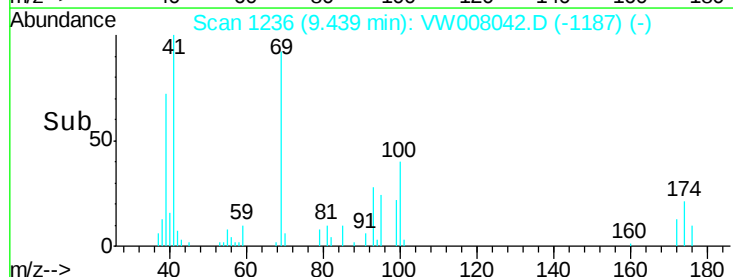
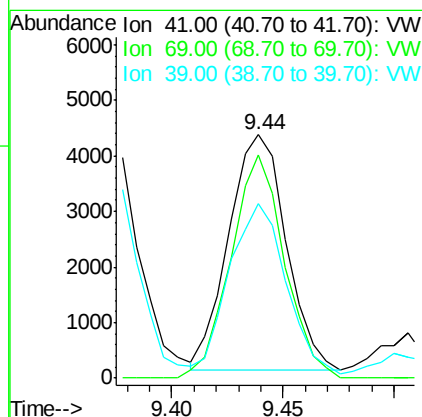
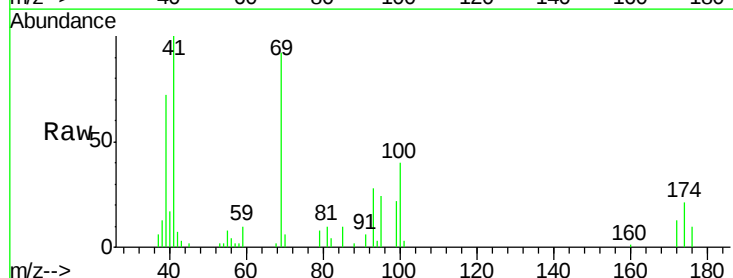
RT: 9.44 min Scan# 1236

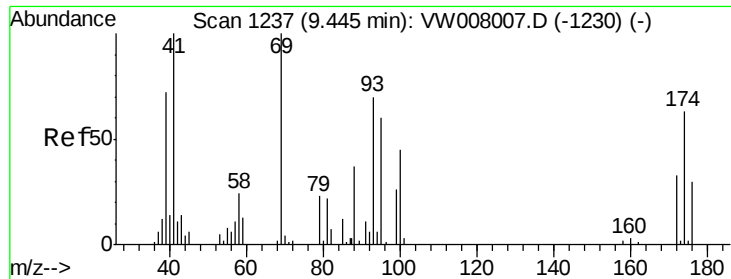
Delta R.T. 0.00 min

Lab File: VW008042.D

Acq: 04 Jan 2019 12:50

Tgt Ion:	41	Resp:	7629
Ion	Ratio	Lower	Upper
41	100		
69	88.3	72.3	108.5
39	75.0	58.7	88.1





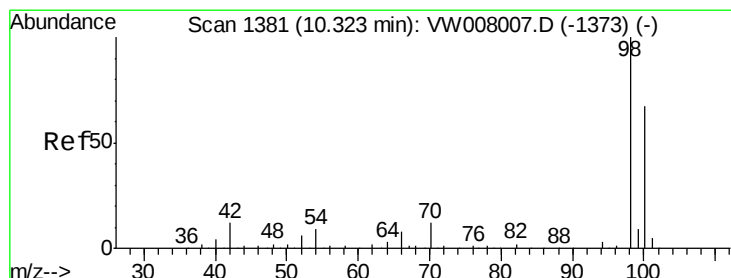
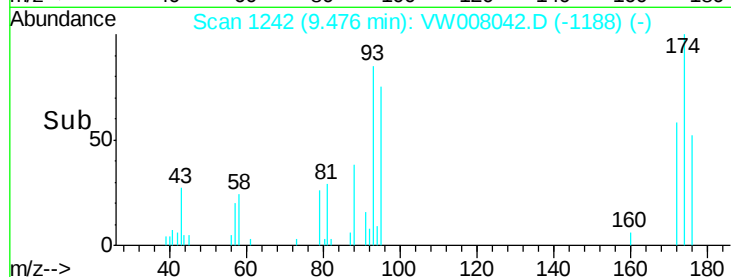
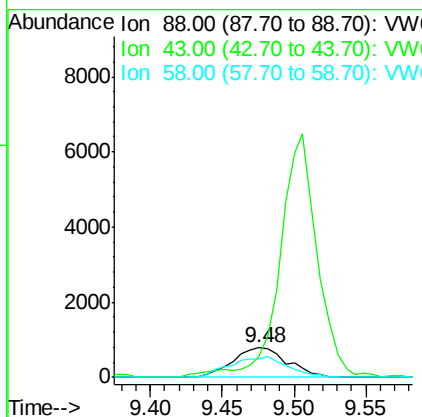
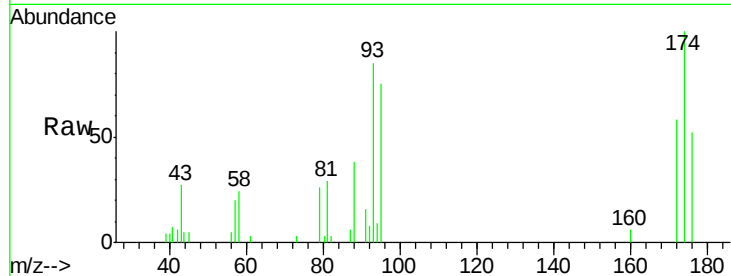
#49
1,4-Dioxane
Concen: 349.464 ug/l
RT: 9.48 min Scan# 1242
Delta R.T. 0.03 min
Lab File: VW008042.D
Acq: 04 Jan 2019 12:50

Instrument :
MSVOA_W
ClientSampleId :
VW0104SBSD01

Tot Ion	88	Resp	2050
Ion	Ratio	Lower	Upper
88	100		
43	0.0	26.8	40.2#
58	73.6	55.8	83.6

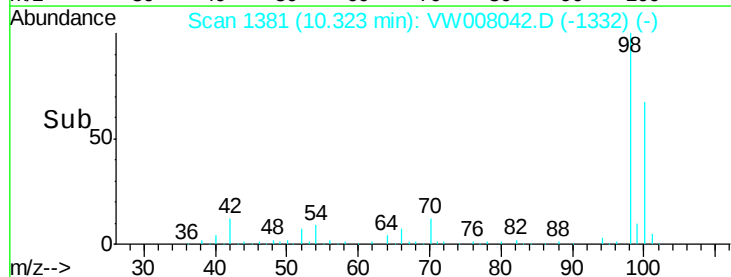
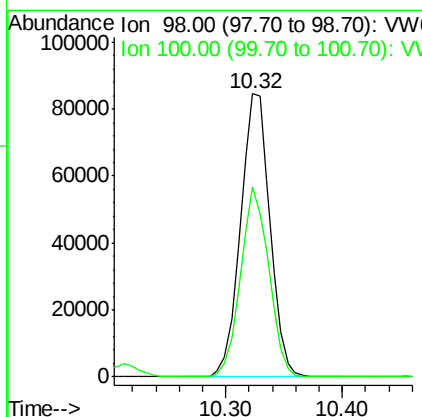
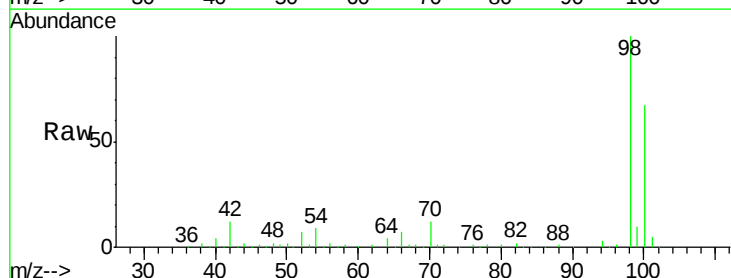
Manual Integrations
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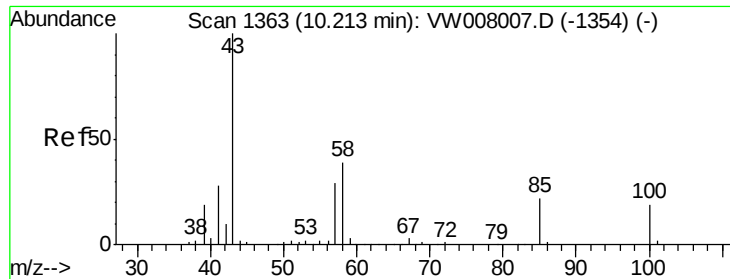
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#50
Toluene-d8
Concen: 52.356 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW008042.D
Acq: 04 Jan 2019 12:50

Tgt Ion	98	Resp	149023
Ion	Ratio	Lower	Upper
98	100		
100	64.4	52.9	79.3





#51

4-Methyl-2-Pentanone

Concen: 109.806 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. 0.00 min

Lab File: VW008042.D

Acq: 04 Jan 2019 12:50

Instrument :

MSVOA_W

ClientSampleId :

VW0104SBSD01

Tot Ion: 43 Resp: 36221

Ion Ratio Lower Upper

43 100

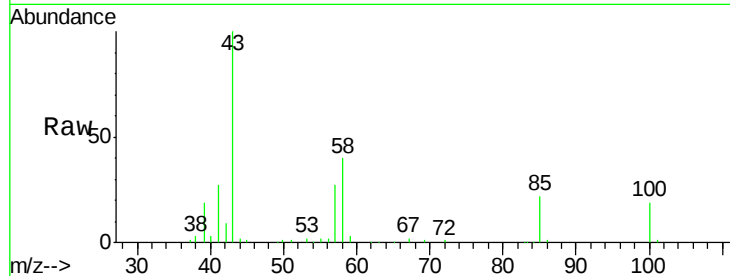
58 40.4 32.0 48.0

Manual Integrations

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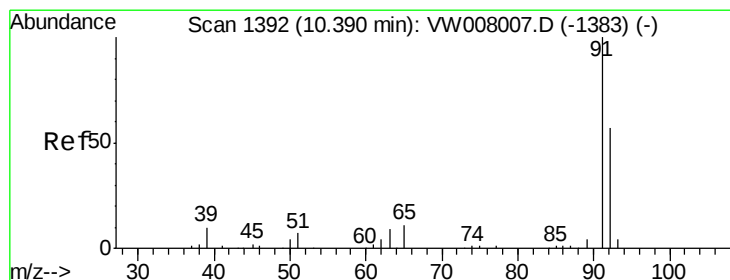
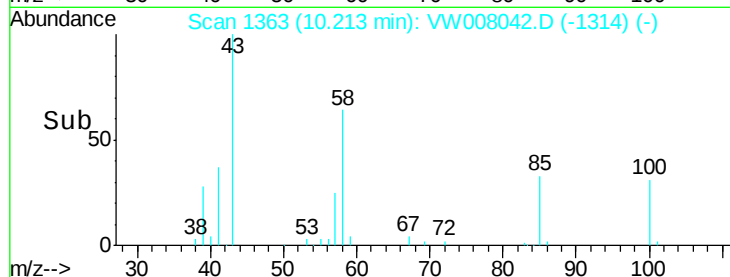
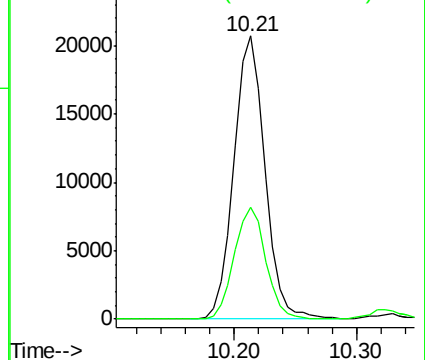
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Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#52

Toluene

Concen: 19.594 ug/l

RT: 10.38 min Scan# 1391

Delta R.T. -0.01 min

Lab File: VW008042.D

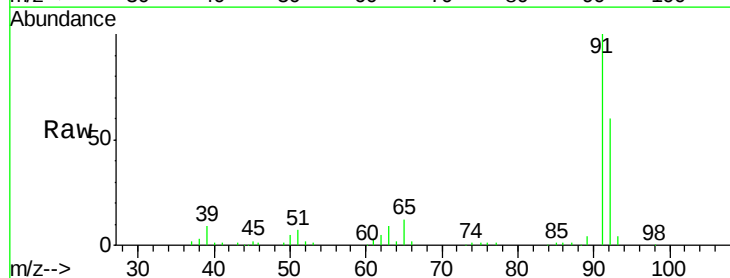
Acq: 04 Jan 2019 12:50

Tgt Ion: 92 Resp: 40518

Ion Ratio Lower Upper

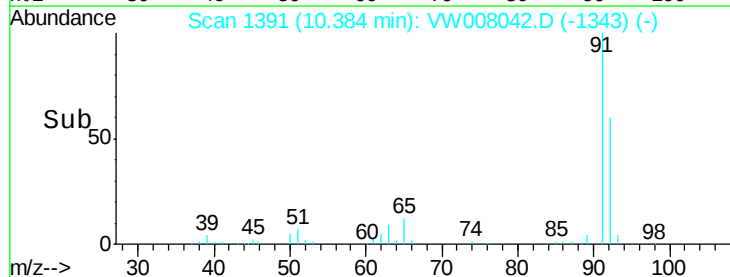
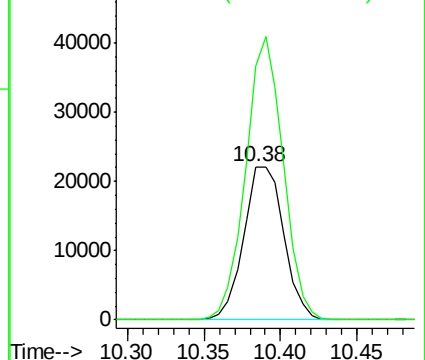
92 100

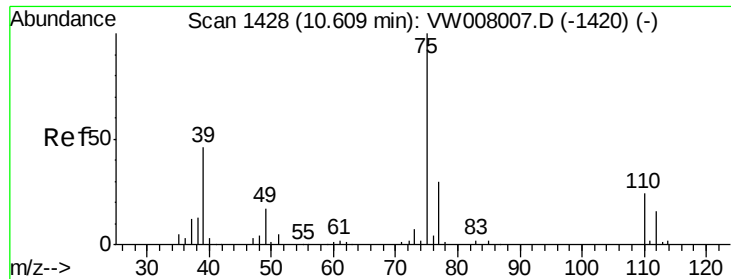
91 171.4 136.9 205.3



Abundance Ion 92.00 (91.70 to 92.70): VW

Ion 91.00 (90.70 to 91.70): VW





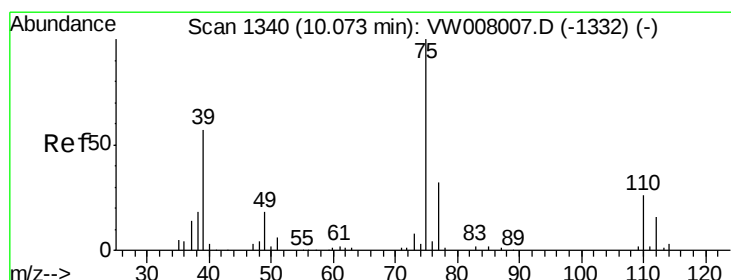
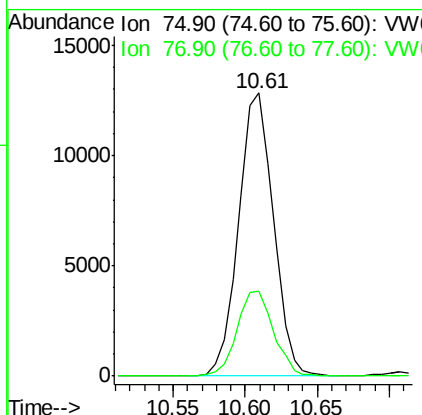
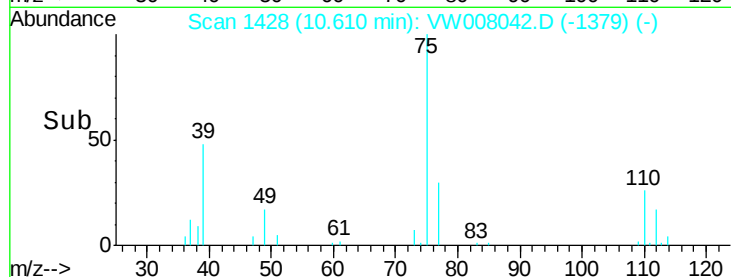
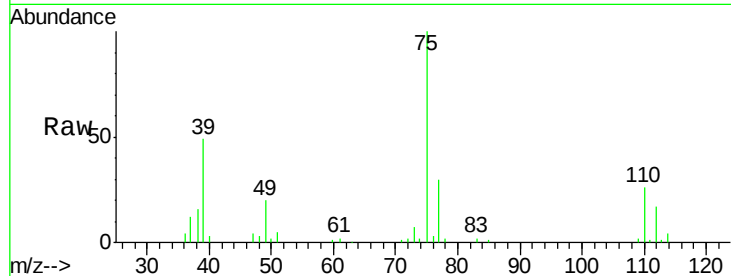
#53
t-1,3-Dichloropropene
Concen: 20.183 ug/l
RT: 10.61 min Scan# 1428
Delta R.T. 0.00 min
Lab File: VW008042.D
Acq: 04 Jan 2019 12:50

Instrument :
MSVOA_W
ClientSampleId :
VW0104SBSD01

Tot Ion: 75 Resp: 21548
Ion Ratio Lower Upper
75 100
77 30.0 24.0 36.0

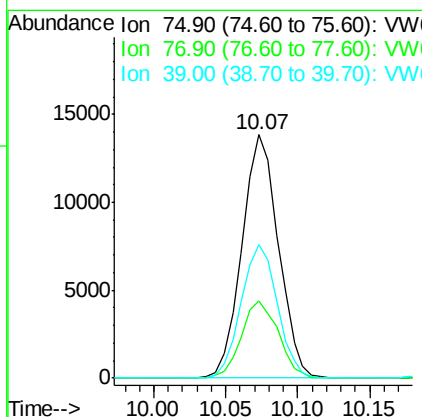
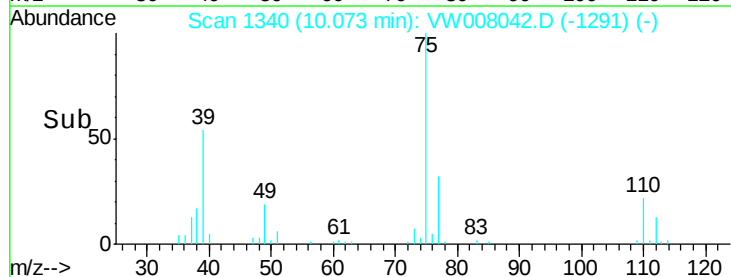
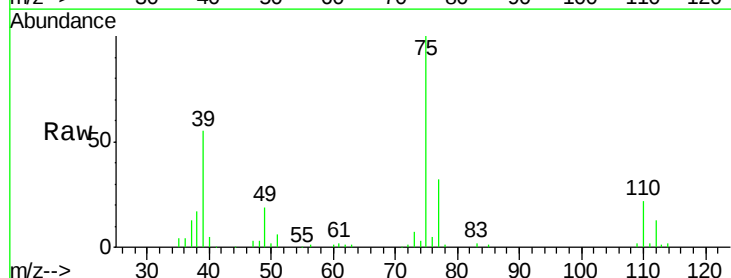
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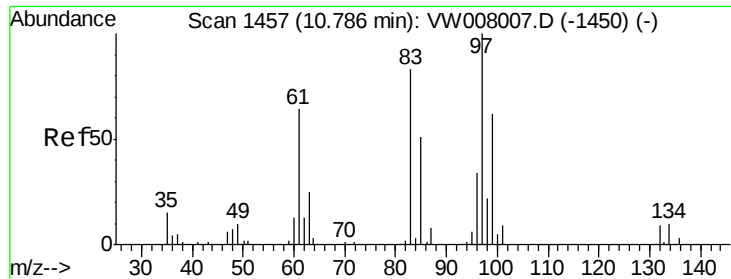
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#54
cis-1,3-Dichloropropene
Concen: 20.357 ug/l
RT: 10.07 min Scan# 1340
Delta R.T. 0.00 min
Lab File: VW008042.D
Acq: 04 Jan 2019 12:50

Tgt Ion: 75 Resp: 24252
Ion Ratio Lower Upper
75 100
77 31.9 25.9 38.9
39 54.7 45.4 68.0





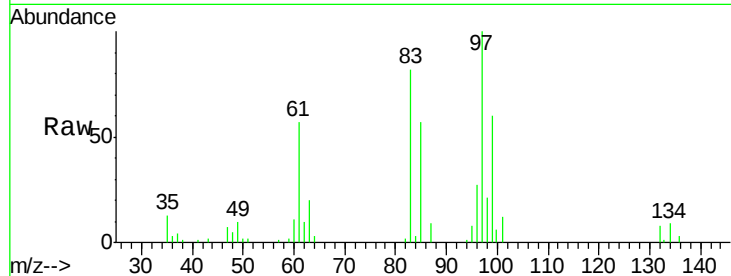
#55
1,1,2-Trichloroethane
Concen: 20.434 ug/l
RT: 10.79 min Scan# 1458
Delta R.T. 0.01 min
Lab File: VW008042.D
Acq: 04 Jan 2019 12:50

Instrument :
MSVOA_W
ClientSampleId :
VW0104SBSD01

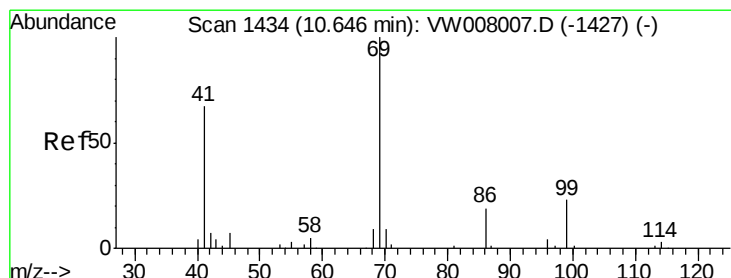
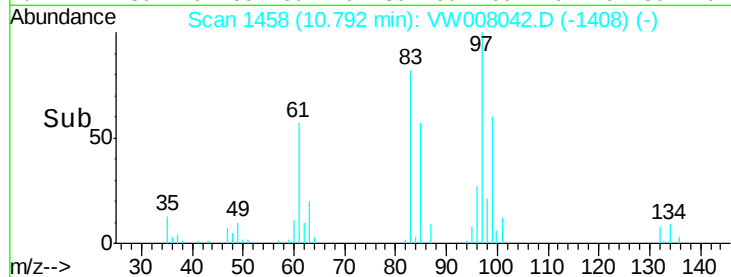
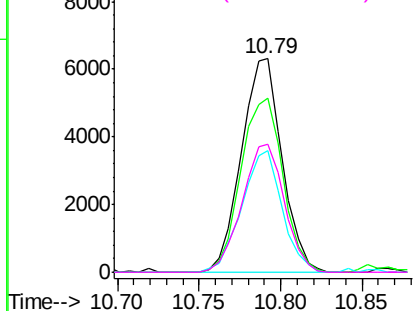
Tot Ion	97	Resp	10967
Ion	Ratio	Lower	Upper
97	100		
83	81.8	66.2	99.2
85	57.2	41.0	61.4
99	60.2	49.3	73.9

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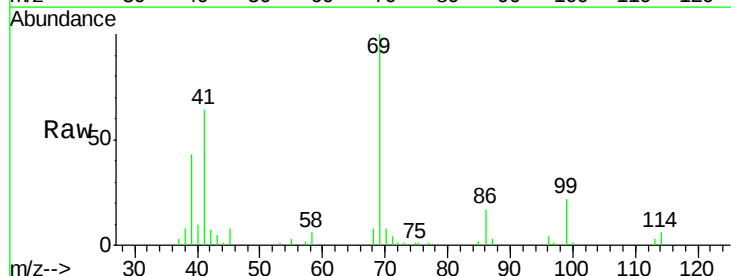


Abundance Ion 96.90 (96.60 to 97.60): VW
Ion 82.90 (82.60 to 83.60): VW
Ion 84.90 (84.60 to 85.60): VW
Ion 98.90 (98.60 to 99.60): VW

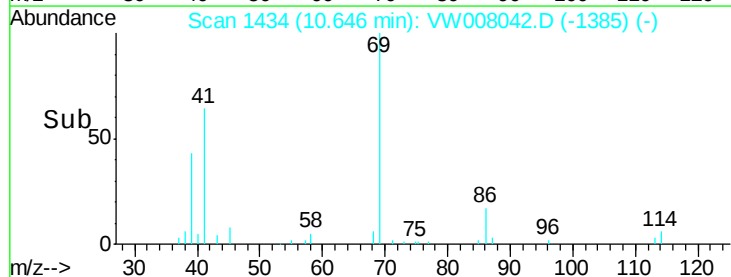
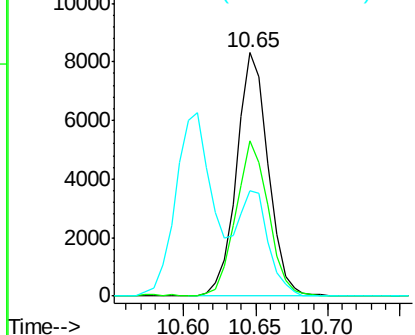


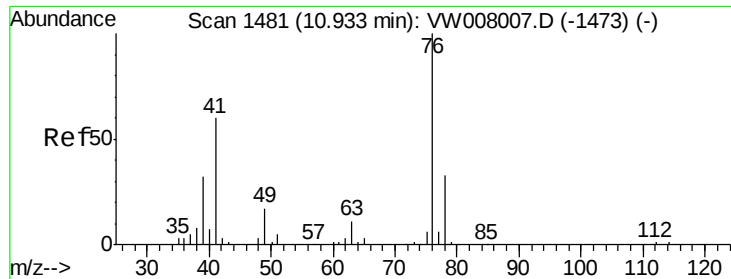
#56
Ethyl methacrylate
Concen: 20.857 ug/l
RT: 10.65 min Scan# 1434
Delta R.T. 0.00 min
Lab File: VW008042.D
Acq: 04 Jan 2019 12:50

Tgt Ion	69	Resp	12655
Ion	Ratio	Lower	Upper
69	100		
41	66.0	52.6	79.0
39	37.9	35.8	53.6



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





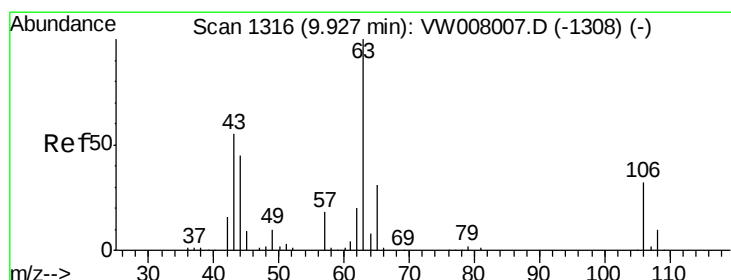
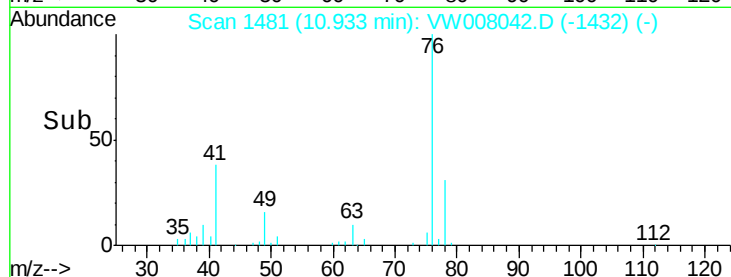
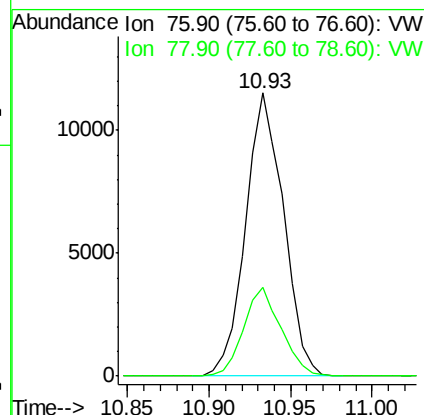
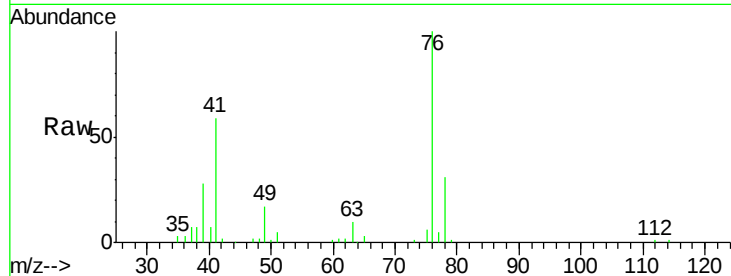
#57
 1,3-Dichloropropane
 Concen: 20.440 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. 0.00 min
 Lab File: VW008042.D
 Acq: 04 Jan 2019 12:50

Instrument :
 MSVOA_W
 ClientSampled :
 VW0104SBSD01

Tot Ion: 76 Resp: 18640
 Ion Ratio Lower Upper
 76 100
 78 31.0 26.7 40.1

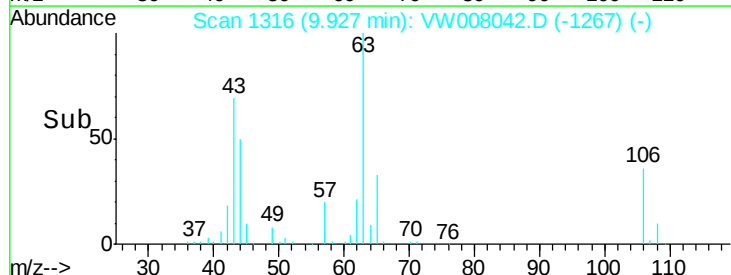
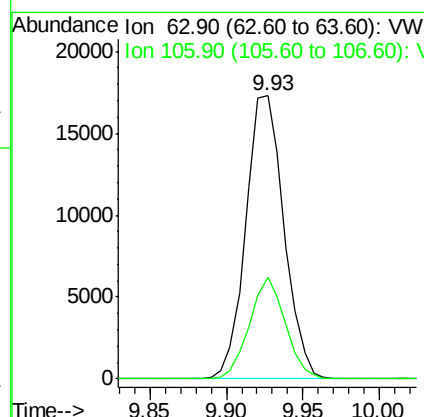
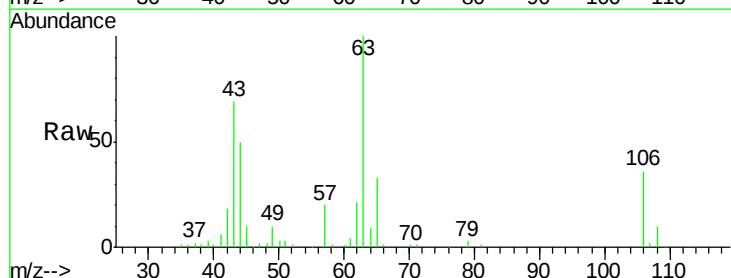
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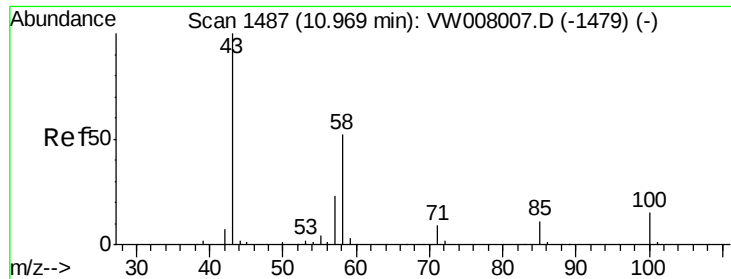
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#58
 2-Chloroethyl Vinyl ether
 Concen: 104.283 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VW008042.D
 Acq: 04 Jan 2019 12:50

Tgt Ion: 63 Resp: 30008
 Ion Ratio Lower Upper
 63 100
 106 33.6 26.9 40.3





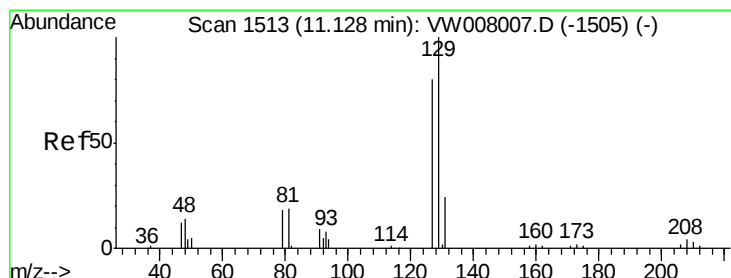
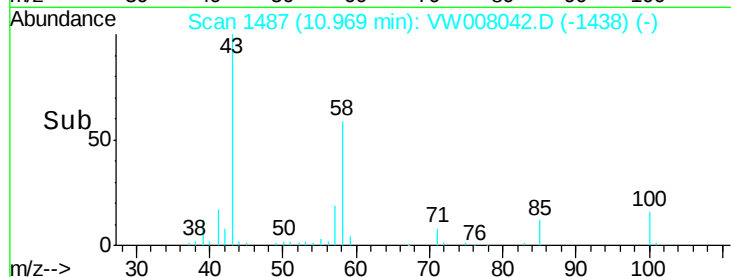
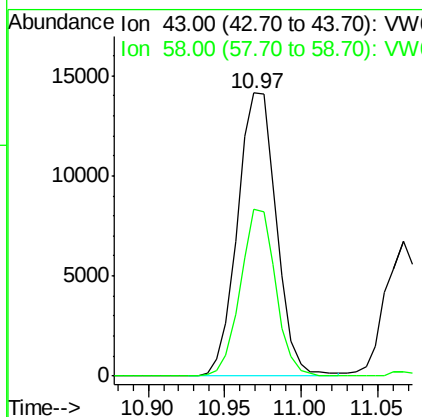
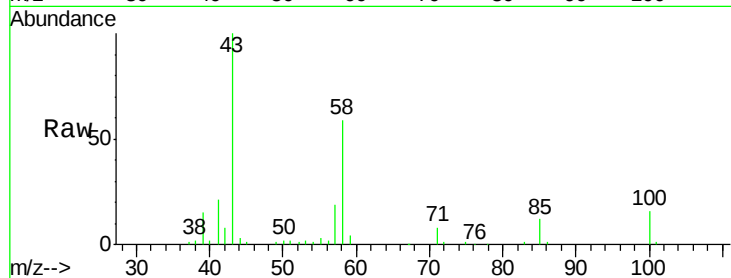
#59
2-Hexanone
Concen: 109.313 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VW008042.D
Acq: 04 Jan 2019 12:50

Instrument :
MSVOA_W
ClientSampleId :
VW0104SBSD01

Tot Ion: 43 Resp: 24893
Ion Ratio Lower Upper
43 100
58 53.4 27.1 81.2

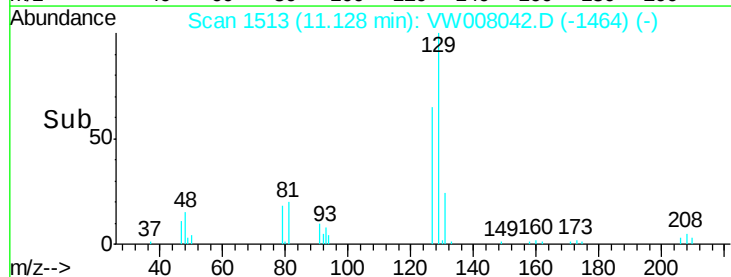
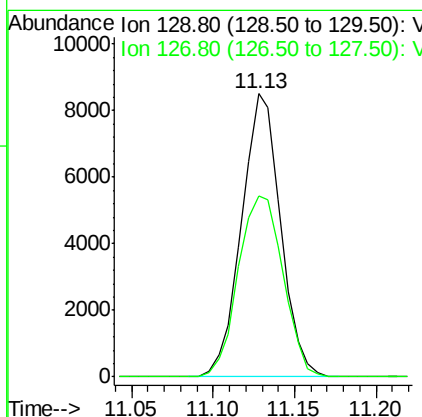
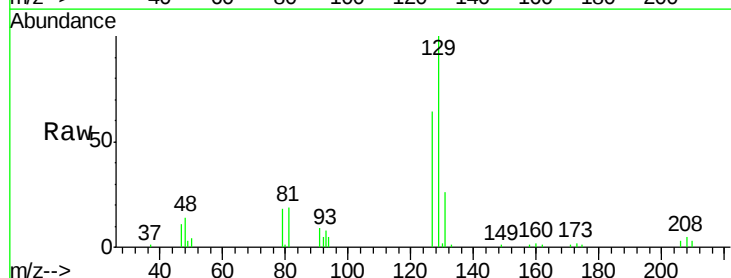
Manual Integrations
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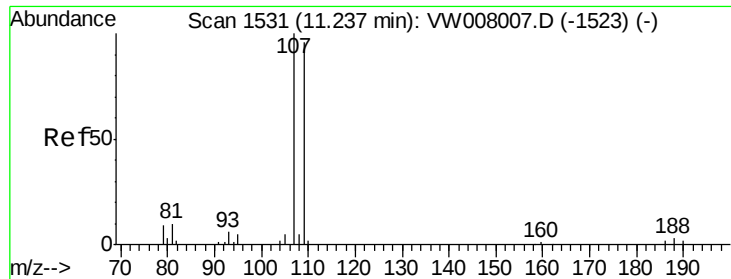
MMDadoda
1/7/2019 1:22:51 PM



#60
Dibromochloromethane
Concen: 19.338 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VW008042.D
Acq: 04 Jan 2019 12:50

Tgt Ion: 129 Resp: 14207
Ion Ratio Lower Upper
129 100
127 72.9 38.6 116.0





#61

1,2-Dibromoethane

Concen: 18.922 ug/l

RT: 11.24 min Scan# 1532

Delta R.T. 0.01 min

Lab File: VW008042.D

Acq: 04 Jan 2019 12:50

Instrument :

MSVOA_W

ClientSampleId :

VW0104SBSD01

Tot Ion:107 Resp: 10163

Ion Ratio Lower Upper

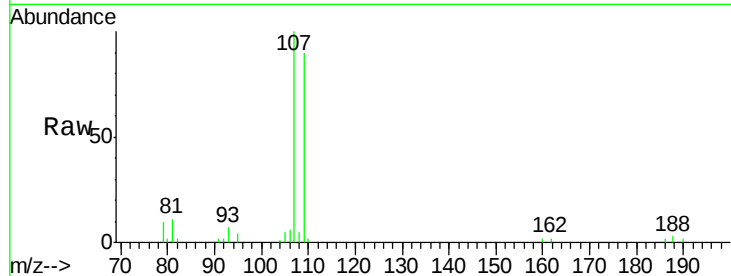
107 100

109 97.5 77.2 115.8

Manual Integrations
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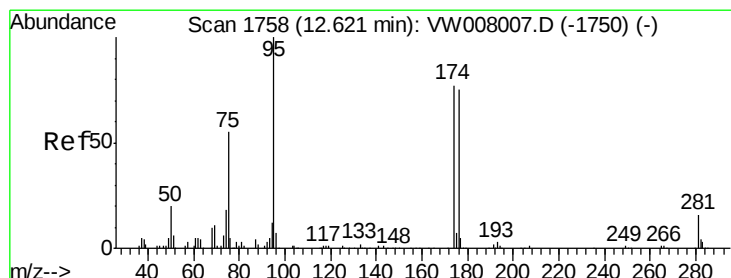
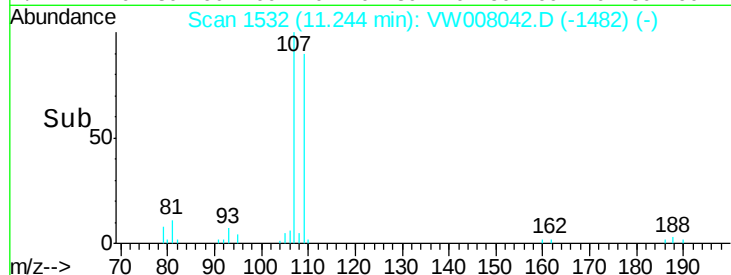
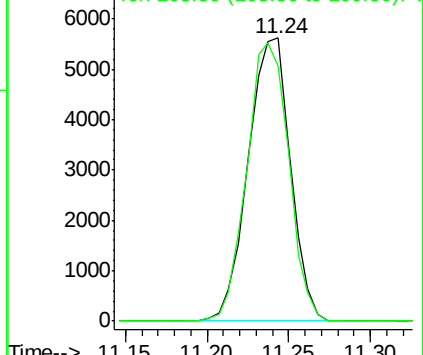
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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 47.147 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW008042.D

Acq: 04 Jan 2019 12:50

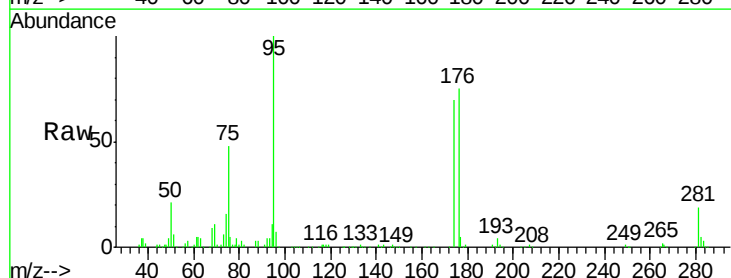
Tgt Ion: 95 Resp: 51466

Ion Ratio Lower Upper

95 100

174 76.4 0.0 149.6

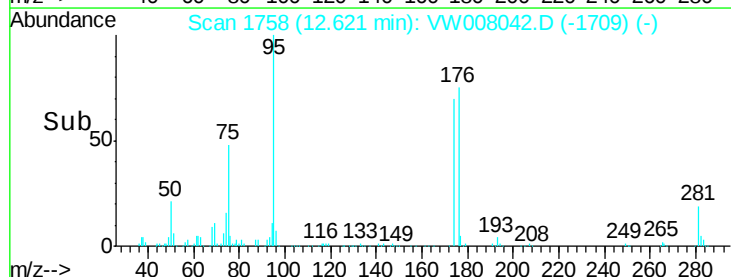
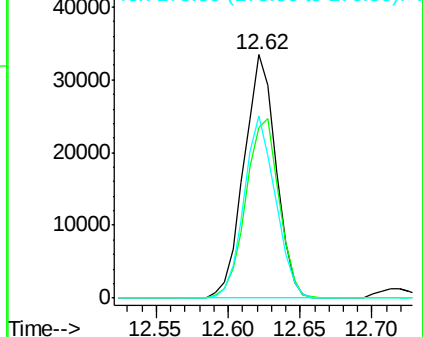
176 73.3 0.0 145.4

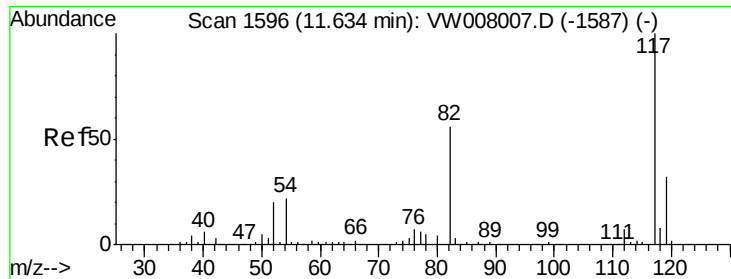


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





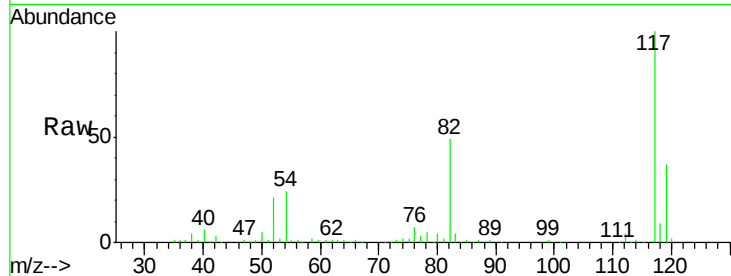
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW008042.D
Acq: 04 Jan 2019 12:50

Instrument :
MSVOA_W
ClientSampleId :
VW0104SBSD01

Tot Ion	Ratio	Lower	Upper
117	100		
82	48.6	44.8	67.2
119	36.5	25.6	38.4

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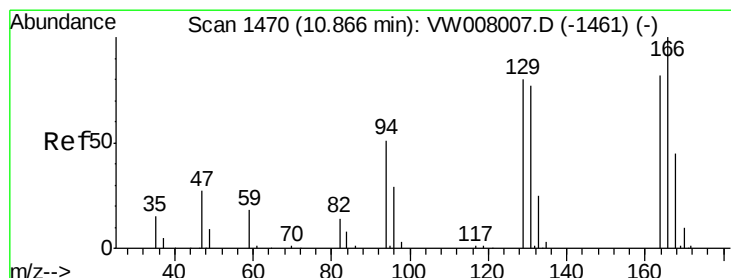
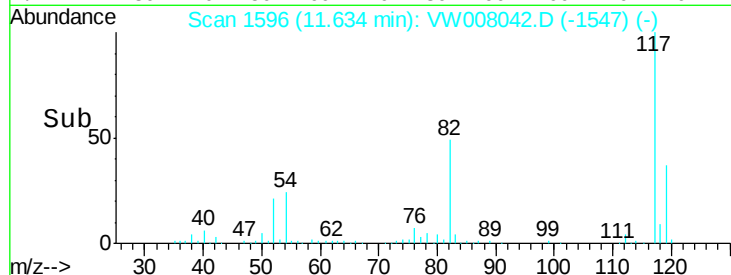
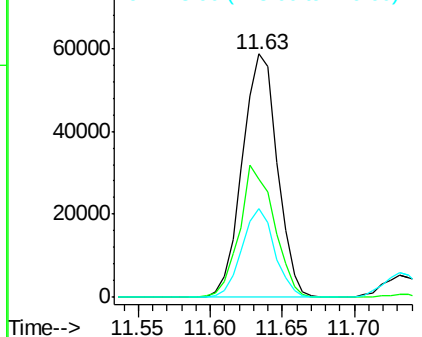


Abundance

Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#64
Tetrachloroethene
Concen: 21.567 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.01 min
Lab File: VW008042.D
Acq: 04 Jan 2019 12:50

Tgt Ion	Ratio	Lower	Upper
164	100		
166	126.3	98.1	147.1
129	101.0	78.0	117.0
131	94.1	75.8	113.8

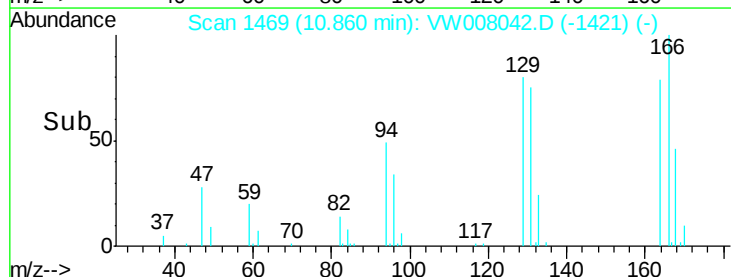
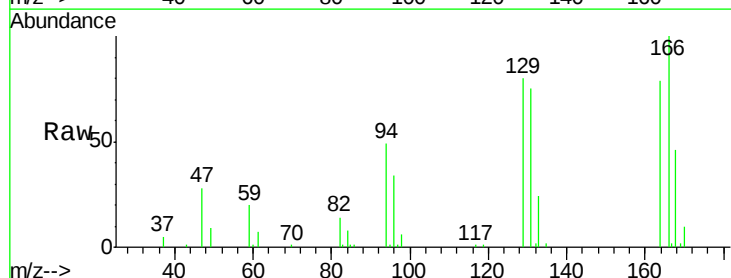
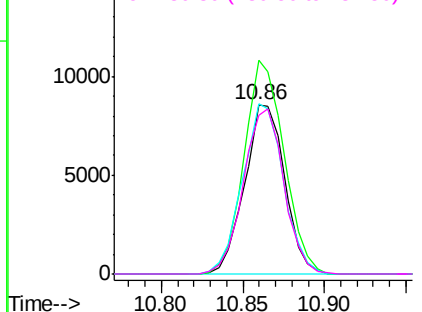
Abundance

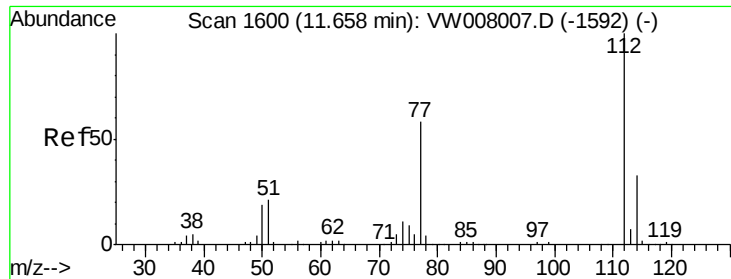
Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V





#65

Chlorobenzene

Concen: 18.820 ug/l

RT: 11.66 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VW008042.D

Acq: 04 Jan 2019 12:50

Instrument :

MSVOA_W

ClientSampleId :

VW0104SBSD01

Tot Ion:112 Resp: 39709

Ion Ratio Lower Upper

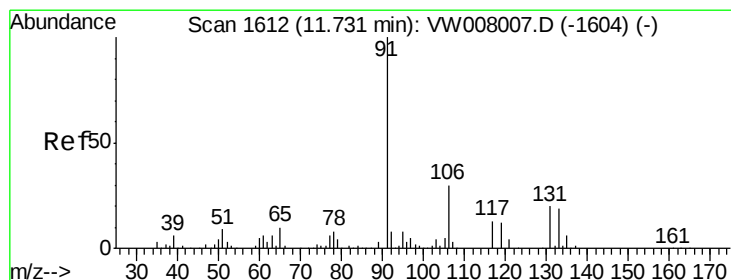
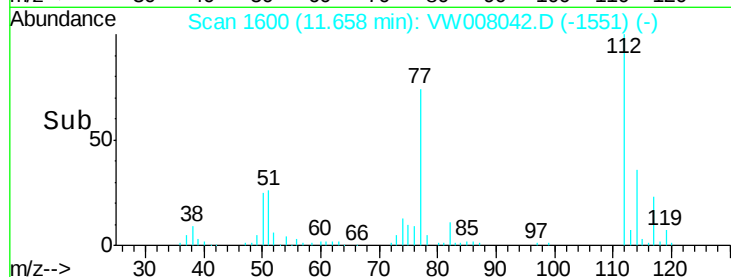
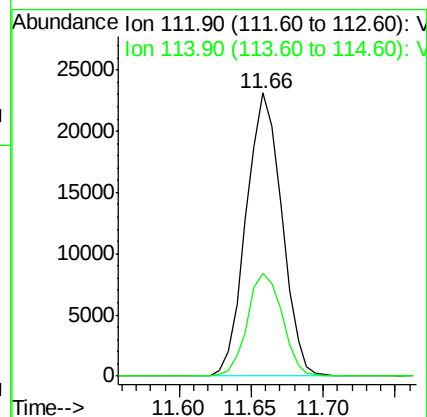
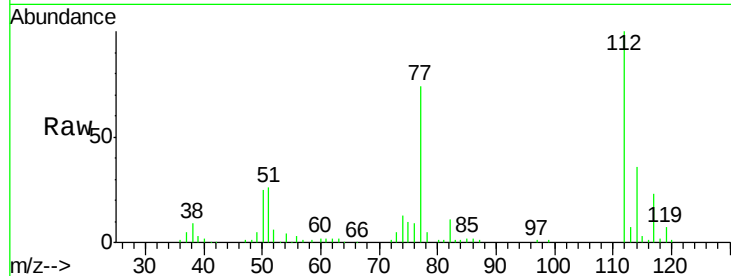
112 100

114 36.4 26.0 39.0

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#66

1,1,1,2-Tetrachloroethane

Concen: 19.957 ug/l

RT: 11.73 min Scan# 1612

Delta R.T. 0.00 min

Lab File: VW008042.D

Acq: 04 Jan 2019 12:50

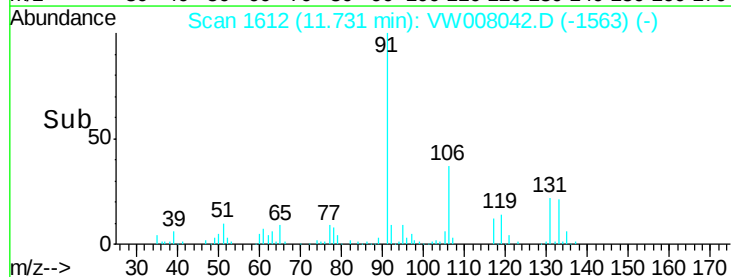
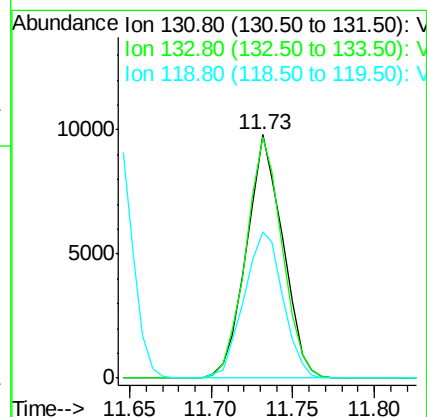
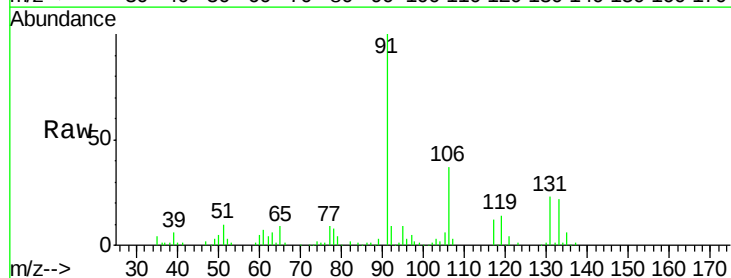
Tgt Ion:131 Resp: 15249

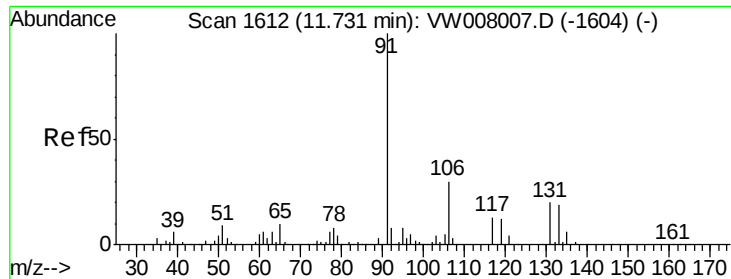
Ion Ratio Lower Upper

131 100

133 99.0 49.1 147.3

119 64.2 30.6 91.6





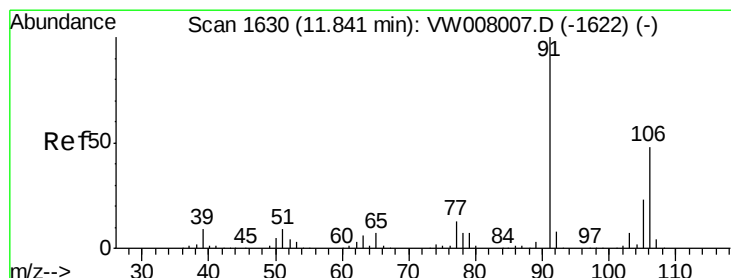
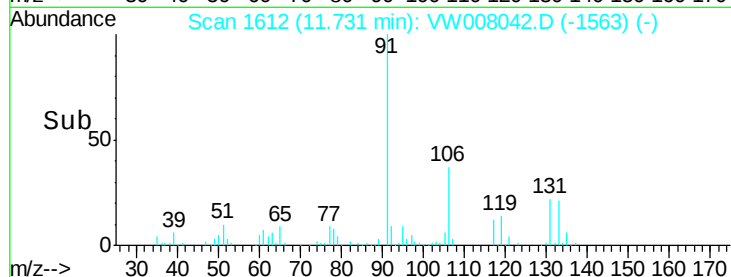
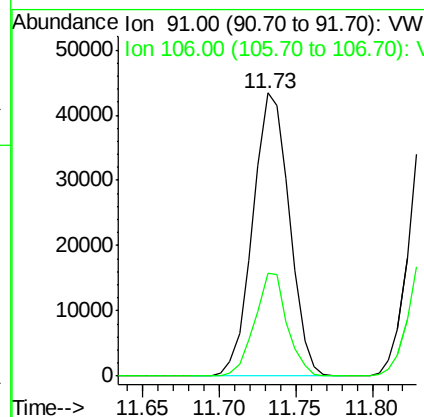
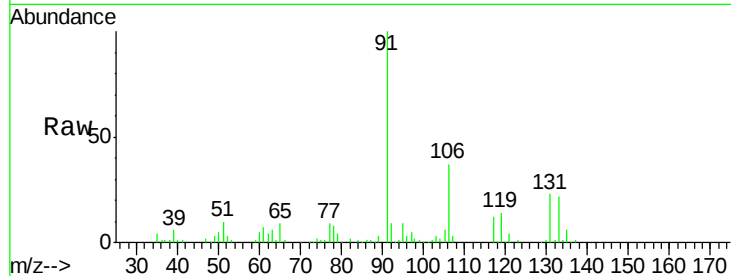
#67
Ethyl Benzene
Concen: 19.339 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW008042.D
Acq: 04 Jan 2019 12:50

Instrument :
MSVOA_W
ClientSampleId :
VW0104SBSD01

Tot Ion: 91 Resp: 72428
Ion Ratio Lower Upper
91 100
106 36.5 24.3 36.5#

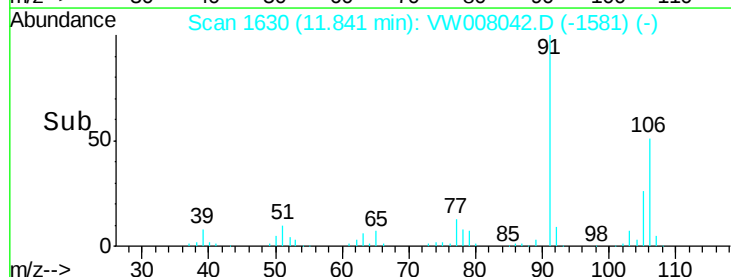
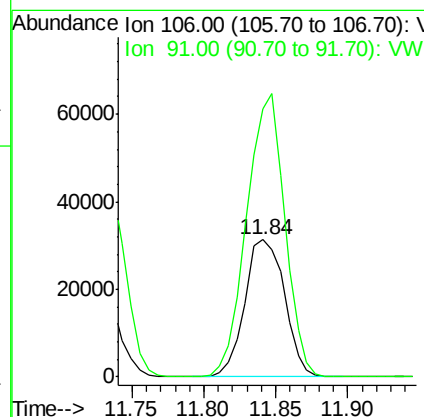
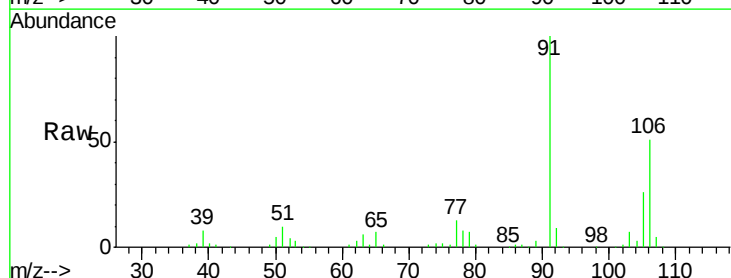
Manual Integrations
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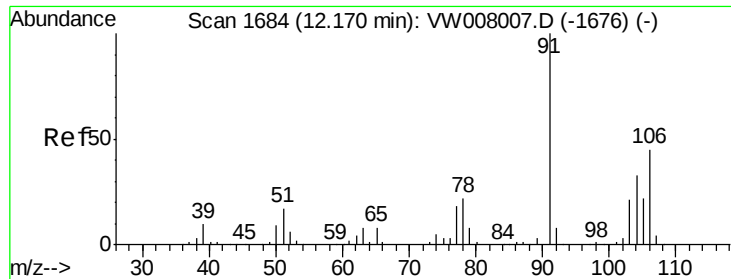
MMDadoda
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#68
m/p-Xylenes
Concen: 41.324 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VW008042.D
Acq: 04 Jan 2019 12:50

Tgt Ion: 106 Resp: 59834
Ion Ratio Lower Upper
106 100
91 198.2 165.8 248.8





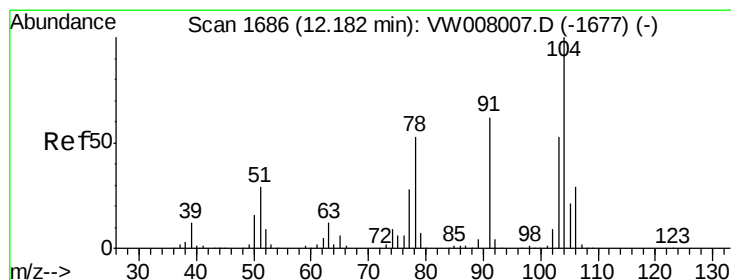
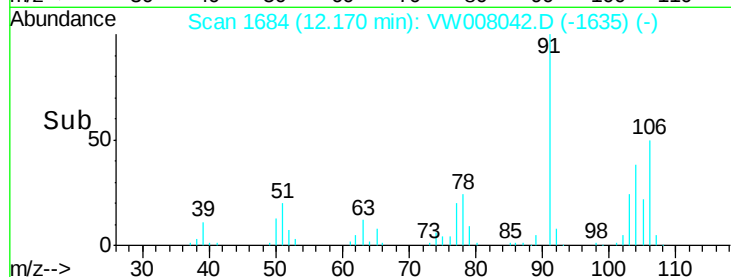
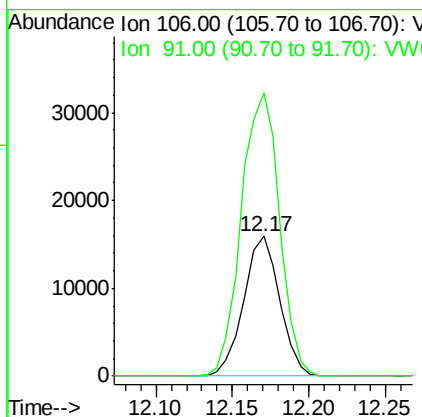
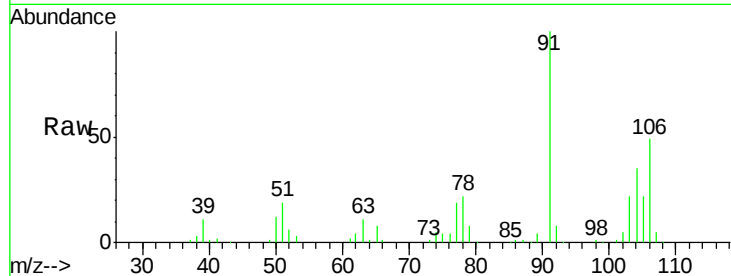
#69
o-Xylene
Concen: 19.407 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW008042.D
Acq: 04 Jan 2019 12:50

Instrument :
MSVOA_W
ClientSampleId :
VW0104SBSD01

Tot Ion:106 Resp: 26147
Ion Ratio Lower Upper
106 100
91 213.9 110.6 331.6

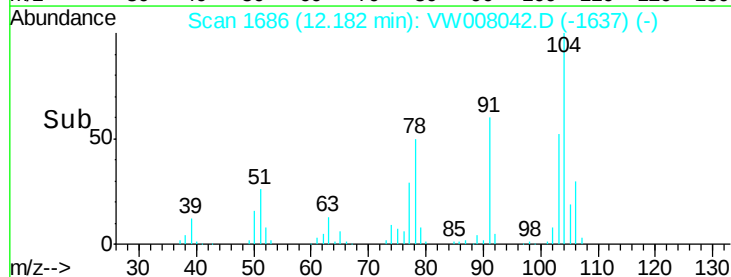
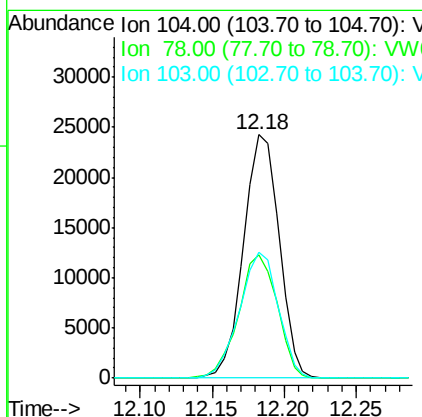
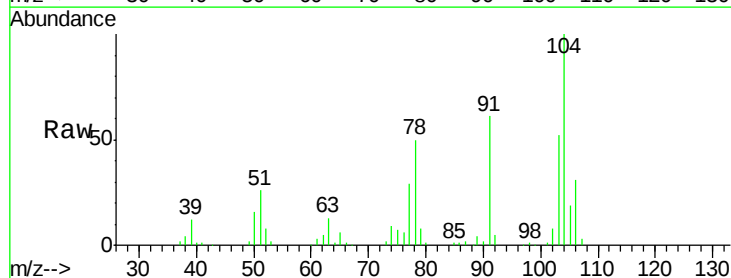
Manual Integrations
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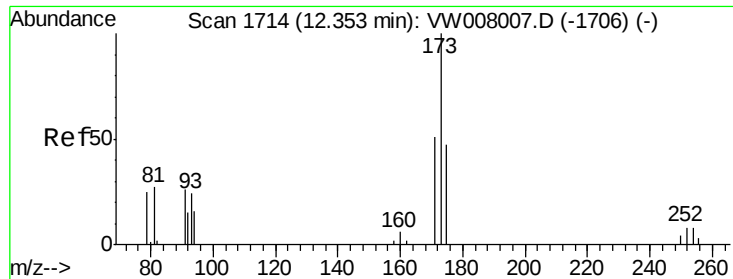
MMDadoda
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#70
Styrene
Concen: 18.930 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW008042.D
Acq: 04 Jan 2019 12:50

Tgt Ion:104 Resp: 41570
Ion Ratio Lower Upper
104 100
78 55.0 44.0 66.0
103 56.4 44.6 66.8





#71

Bromoform

Concen: 21.293 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. 0.00 min

Lab File: VW008042.D

Acq: 04 Jan 2019 12:50

Instrument :

MSVOA_W

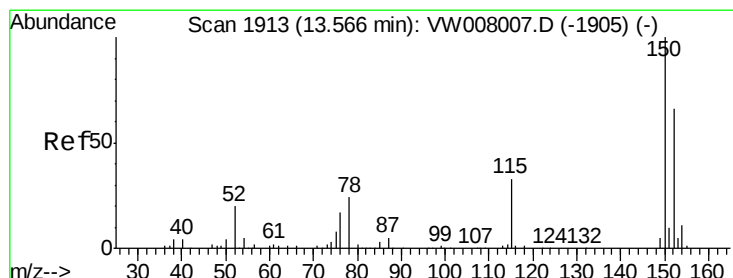
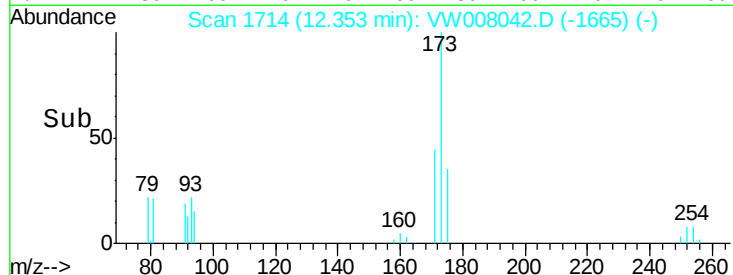
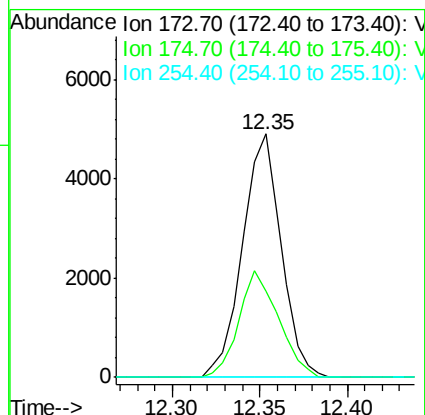
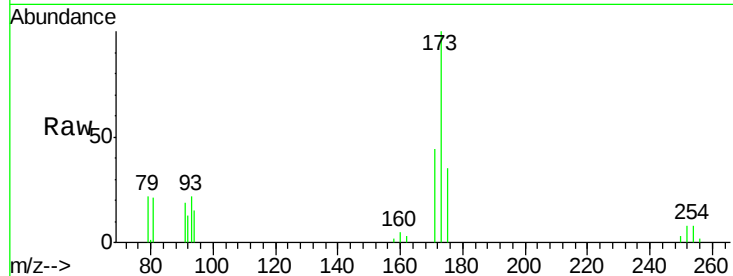
ClientSampleId :

VW0104SBS01

Tot Ion	Ratio	Lower	Upper
173	100		
175	45.0	23.6	71.0
254	0.0	0.0	0.0

Manual Integrations
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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

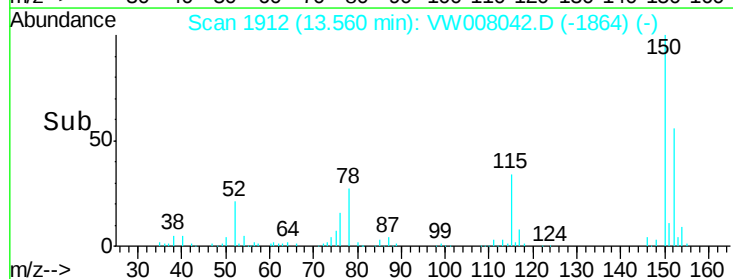
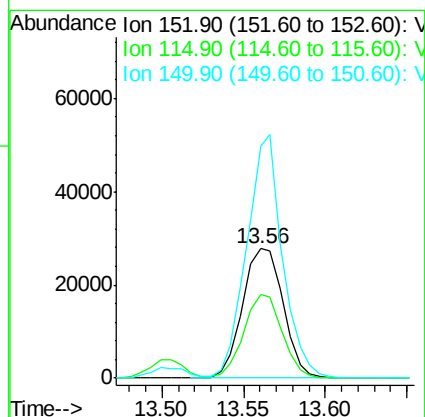
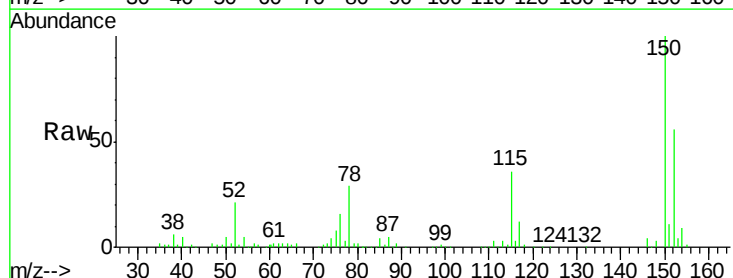
RT: 13.56 min Scan# 1912

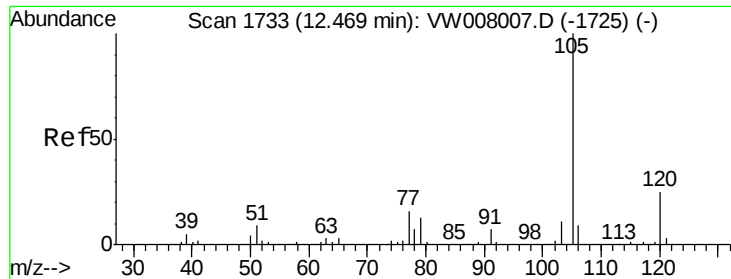
Delta R.T. -0.01 min

Lab File: VW008042.D

Acq: 04 Jan 2019 12:50

Tgt Ion	Ratio	Lower	Upper
152	100		
115	60.7	32.1	96.5
150	166.4	0.0	345.0





#73

Isopropylbenzene

Concen: 18.709 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. 0.00 min

Lab File: VW008042.D

Acq: 04 Jan 2019 12:50

Instrument :

MSVOA_W

ClientSampleId :

VW0104SBSD01

Tot Ion: 105 Resp: 71666

Ion Ratio Lower Upper

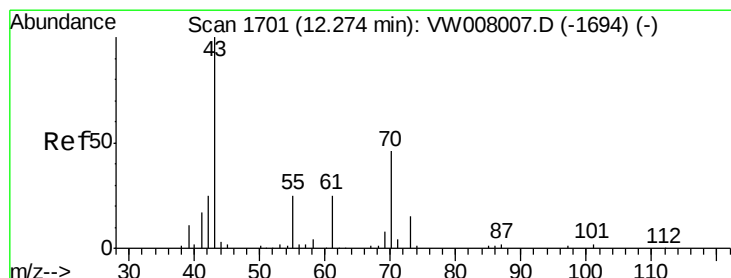
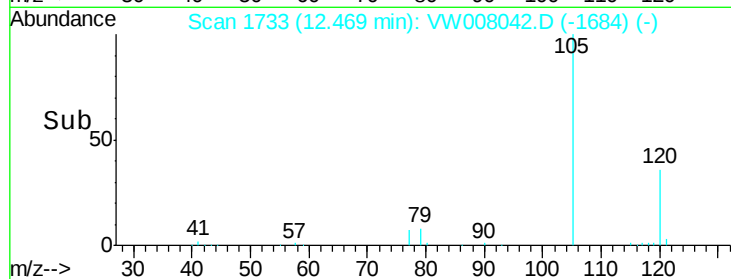
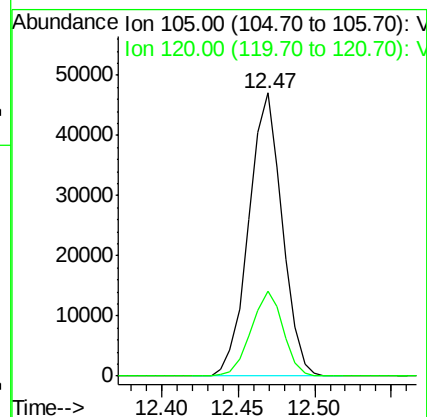
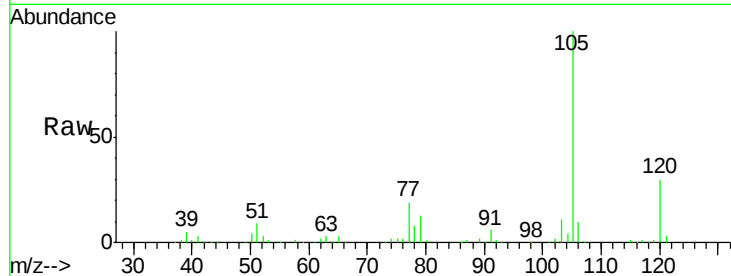
105 100

120 28.9 12.8 38.3

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#74

N-ethyl acetate

Concen: 21.103 ug/l

RT: 12.28 min Scan# 1702

Delta R.T. 0.01 min

Lab File: VW008042.D

Acq: 04 Jan 2019 12:50

Tgt Ion: 43 Resp: 12583

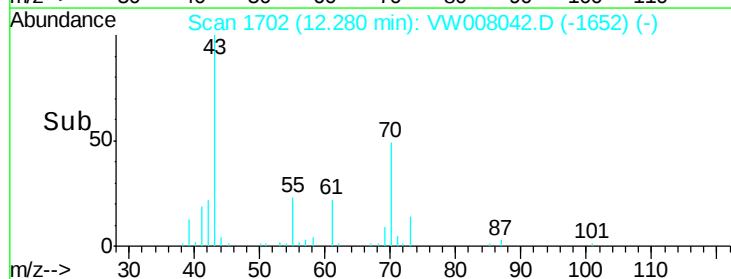
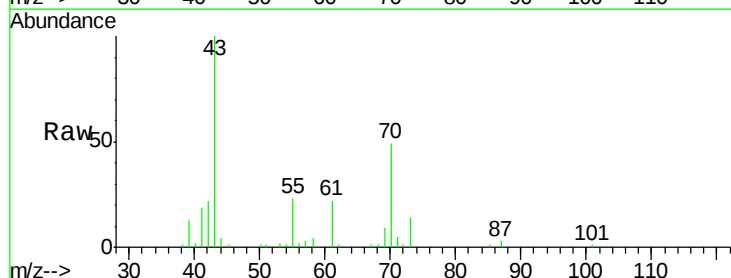
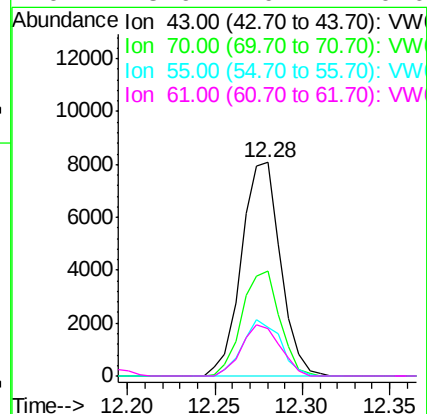
Ion Ratio Lower Upper

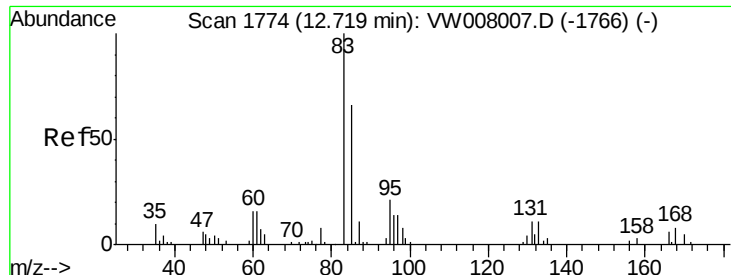
43 100

70 47.7 35.2 52.8

55 25.7 21.4 32.0

61 23.9 19.4 29.0





#75

1,1,2,2-Tetrachloroethane

Concen: 20.953 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. 0.00 min

Lab File: VW008042.D

Acq: 04 Jan 2019 12:50

Instrument :

MSVOA_W

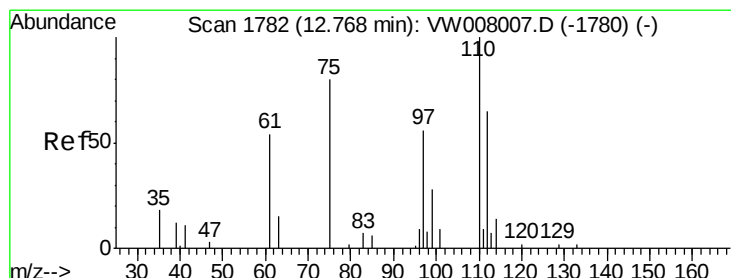
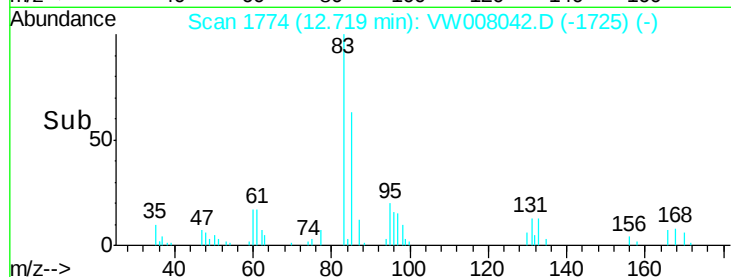
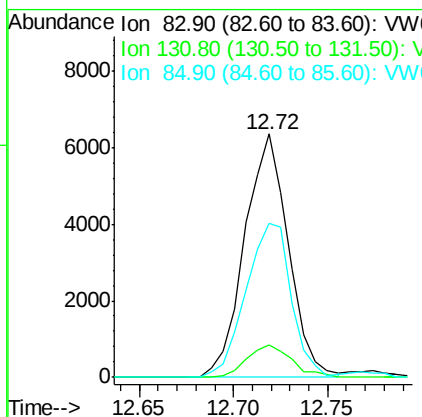
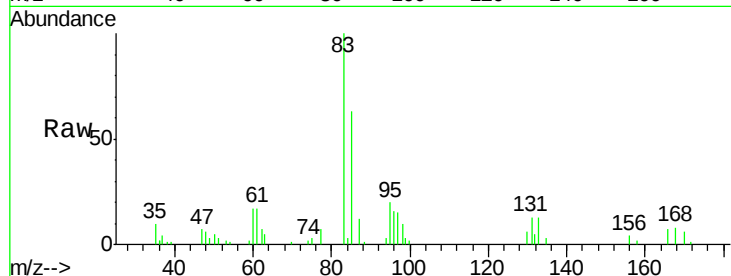
ClientSampleId :

VW0104SBSD01

Tot Ion:	83	Resp:	10212
Ion Ratio	Lower	Upper	
83	100		
131	13.6	6.5	19.5
85	65.9	32.8	98.3

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 17.793 ug/l m

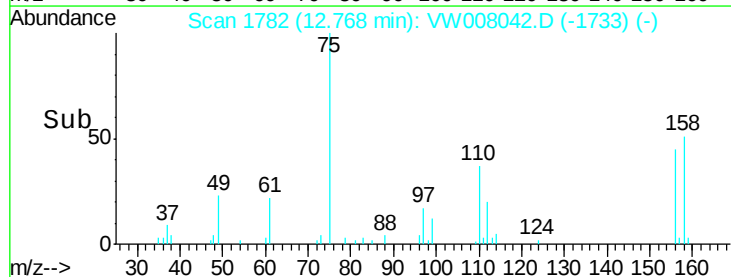
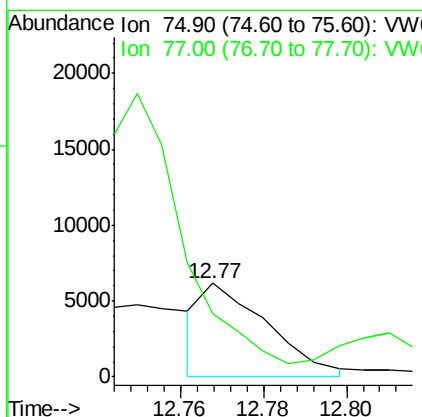
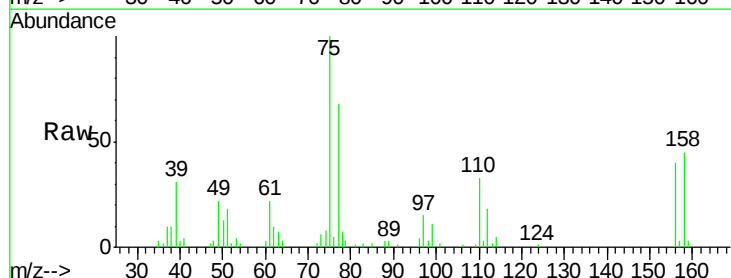
RT: 12.77 min Scan# 1782

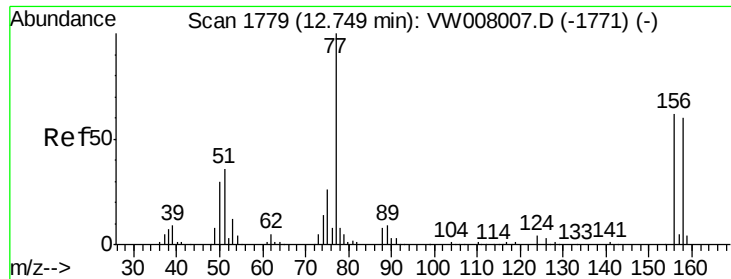
Delta R.T. 0.00 min

Lab File: VW008042.D

Acq: 04 Jan 2019 12:50

Tgt Ion:	75	Resp:	6819
Ion Ratio	Lower	Upper	
75	100		
77	457.6	186.2	558.6





#77

Bromobenzene

Concen: 20.149 ug/l

RT: 12.74 min Scan# 1778

Delta R.T. -0.01 min

Lab File: VW008042.D

Acq: 04 Jan 2019 12:50

Instrument :

MSVOA_W

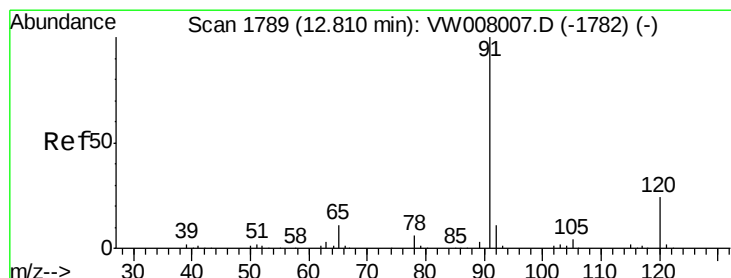
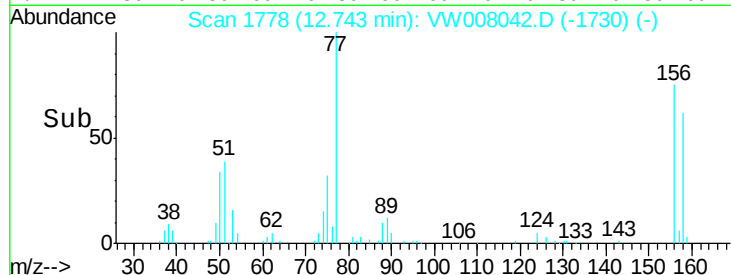
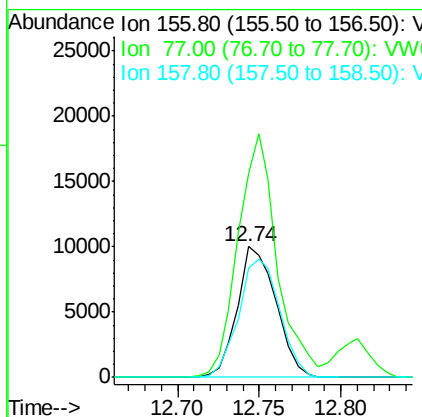
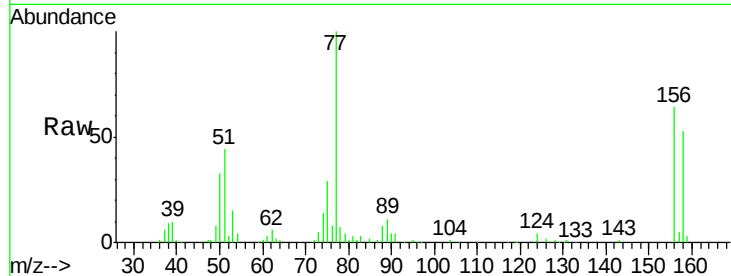
ClientSampleId :

VW0104SBS01

Tot Ion:	156	Resp:	16589
Ion Ratio	Lower	Upper	
156	100		
77	188.1	87.9	263.8
158	95.7	47.8	143.4

Manual Integrations
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#78

n-propylbenzene

Concen: 19.974 ug/l

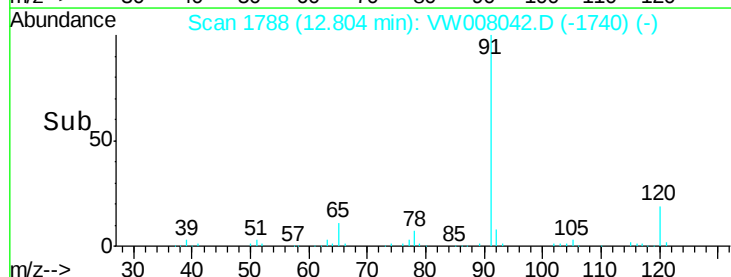
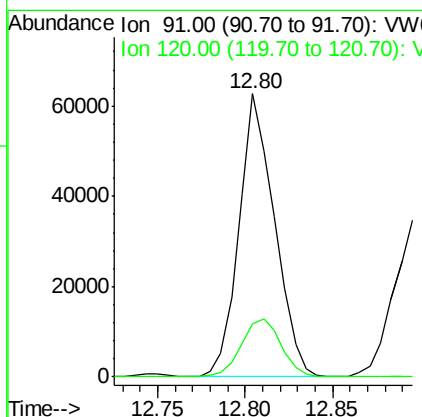
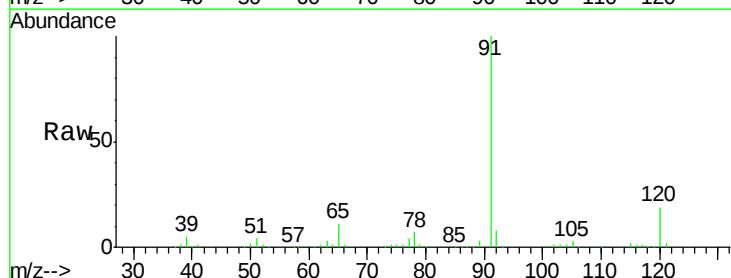
RT: 12.80 min Scan# 1788

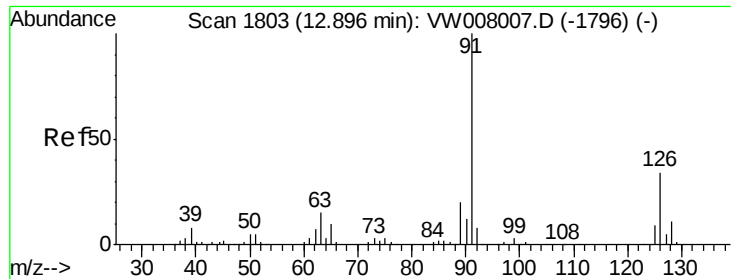
Delta R.T. -0.01 min

Lab File: VW008042.D

Acq: 04 Jan 2019 12:50

Tgt Ion:	91	Resp:	88708
Ion Ratio	Lower	Upper	
91	100		
120	22.8	11.5	34.5





#79

2-Chlorotoluene

Concen: 19.697 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VW008042.D

Acq: 04 Jan 2019 12:50

Instrument :

MSVOA_W

ClientSampleId :

VW0104SBSD01

Tot Ion: 91 Resp: 50559

Ion Ratio Lower Upper

91 100

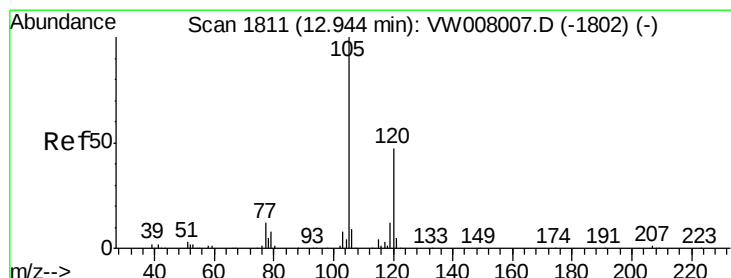
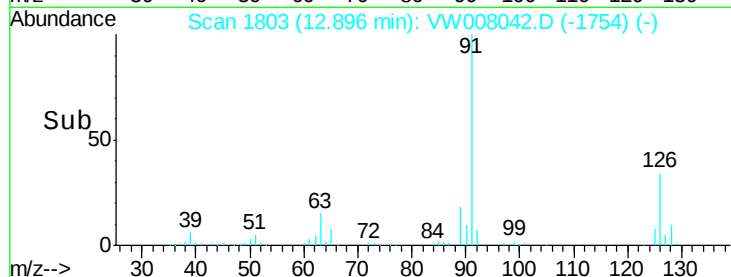
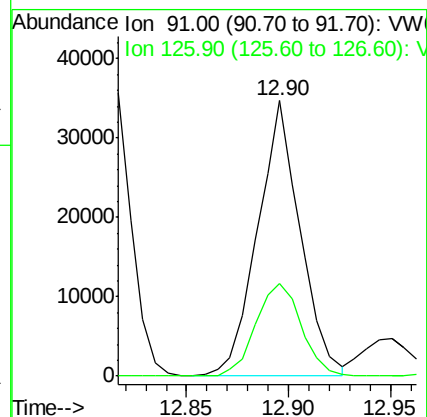
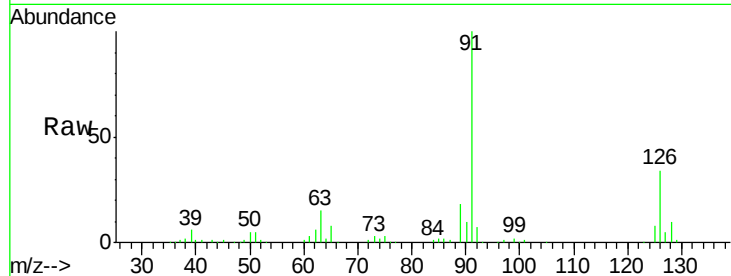
126 35.9 17.1 51.2

Manual Integrations

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#80

1,3,5-Trimethylbenzene

Concen: 20.735 ug/l

RT: 12.95 min Scan# 1812

Delta R.T. 0.01 min

Lab File: VW008042.D

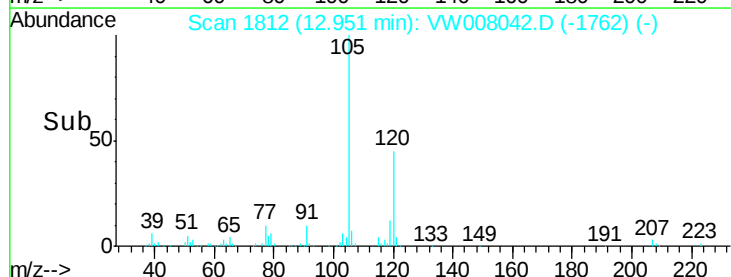
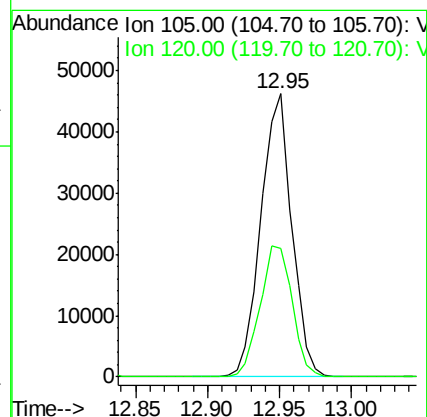
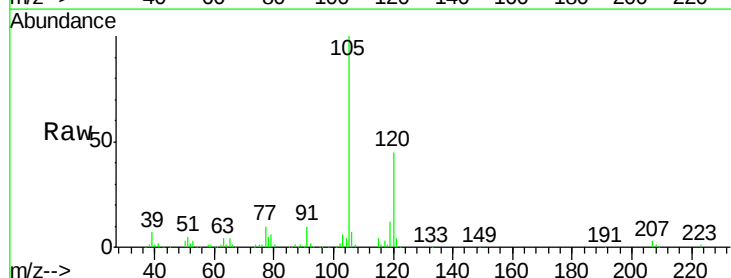
Acq: 04 Jan 2019 12:50

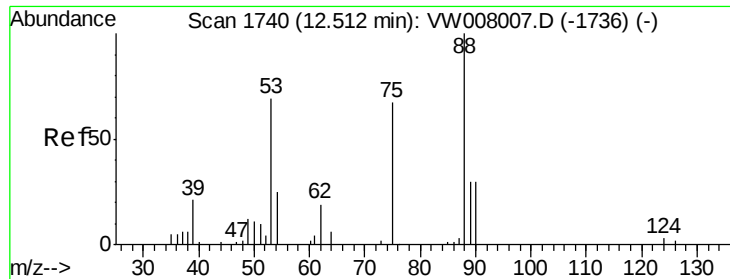
Tgt Ion: 105 Resp: 68368

Ion Ratio Lower Upper

105 100

120 48.2 23.3 69.9





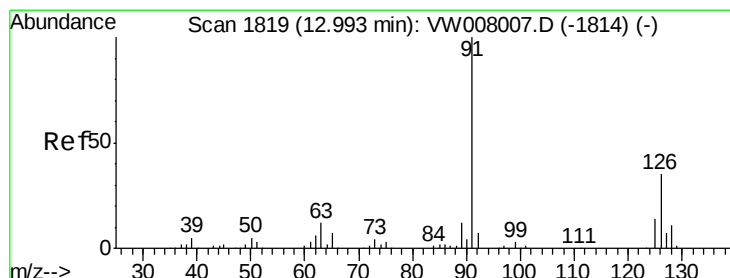
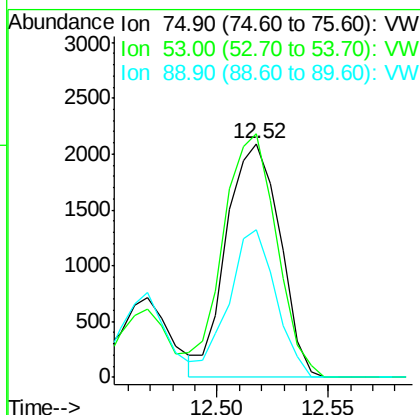
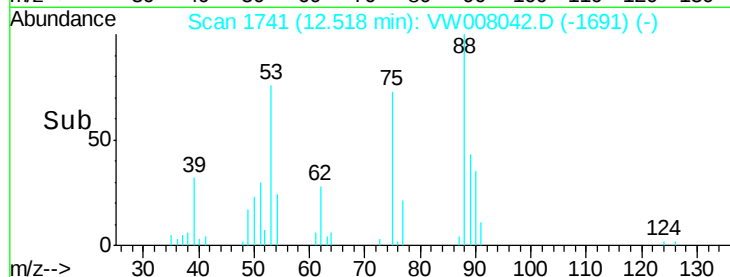
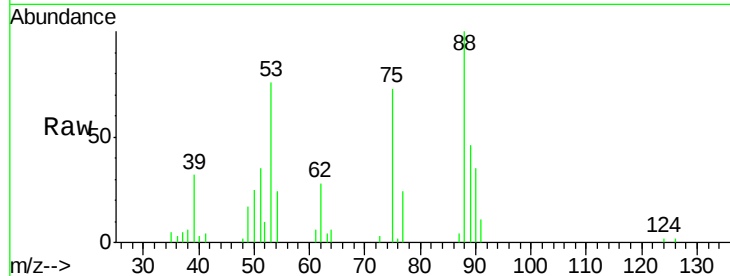
#81
trans-1,4-Dichloro-2-butene
Concen: 21.530 ug/l
RT: 12.52 min Scan# 1741
Delta R.T. 0.01 min
Lab File: VW008042.D
Acq: 04 Jan 2019 12:50

Instrument :
MSVOA_W
ClientSampleId :
VW0104SBSD01

Tot Ion	Ratio	Lower	Upper
75	100		
53	106.2	87.6	131.4
89	56.1	42.2	63.2

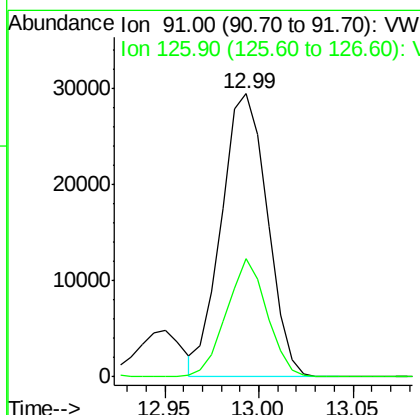
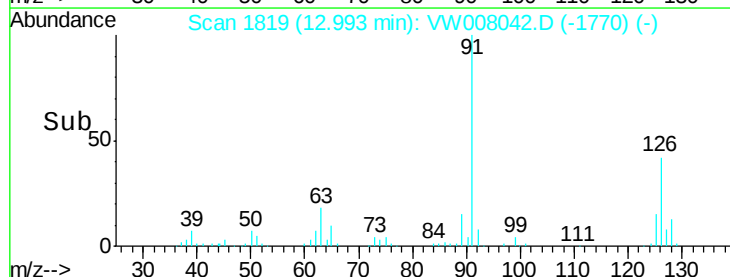
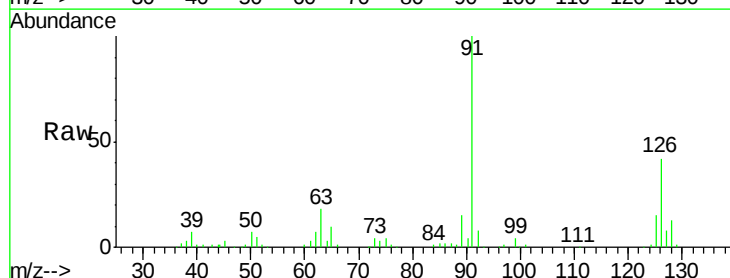
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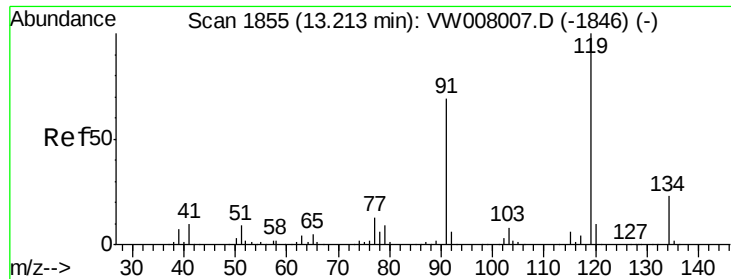
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#82
4-Chlorotoluene
Concen: 18.307 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. 0.00 min
Lab File: VW008042.D
Acq: 04 Jan 2019 12:50

Tgt Ion	Ratio	Lower	Upper
91	100		
126	37.0	16.7	50.1





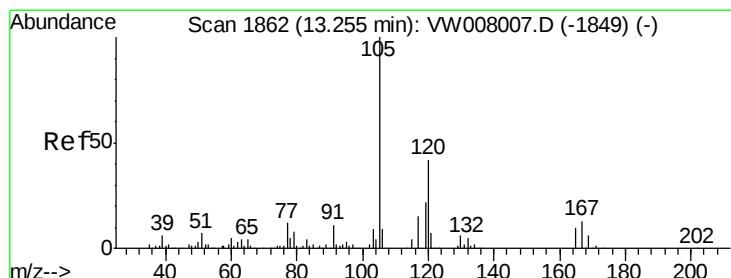
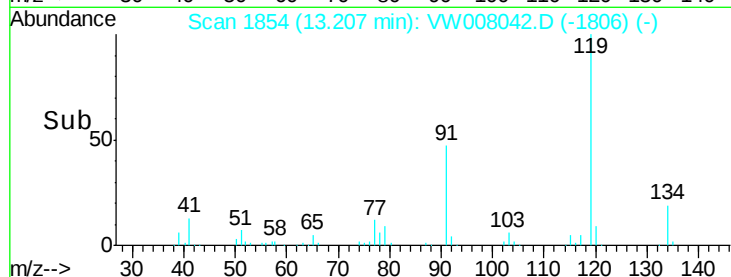
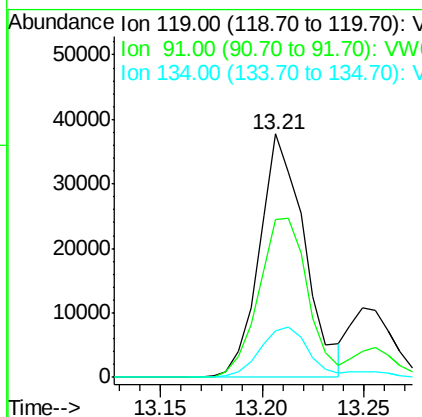
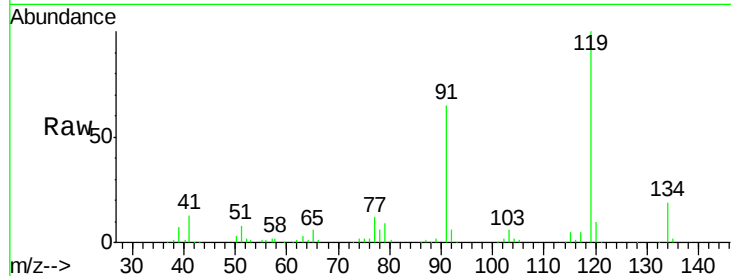
#83
tert-Butylbenzene
Concen: 20.118 ug/l
RT: 13.21 min Scan# 1854
Delta R.T. -0.01 min
Lab File: VW008042.D
Acq: 04 Jan 2019 12:50

Instrument :
MSVOA_W
ClientSampleId :
VW0104SBSD01

Tot Ion	Ratio	Lower	Upper
119	100		
91	71.0	34.7	104.1
134	22.8	11.5	34.4

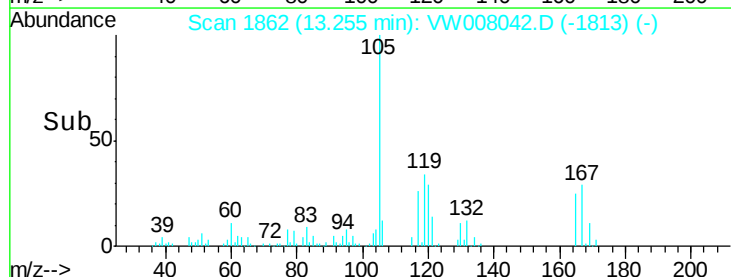
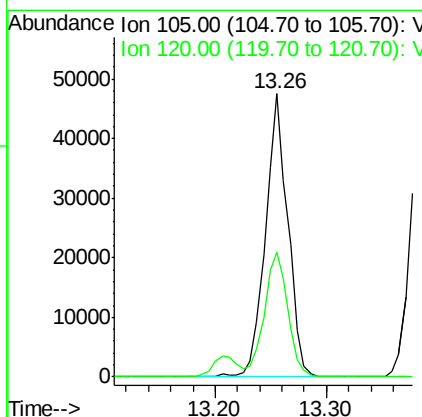
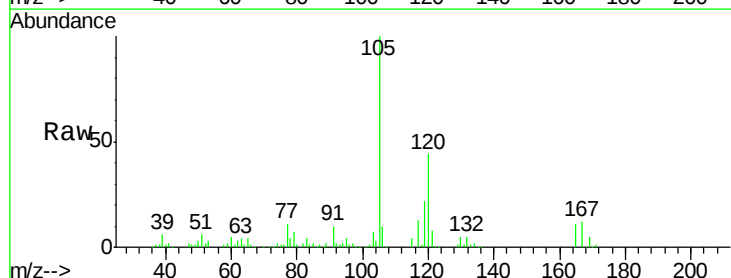
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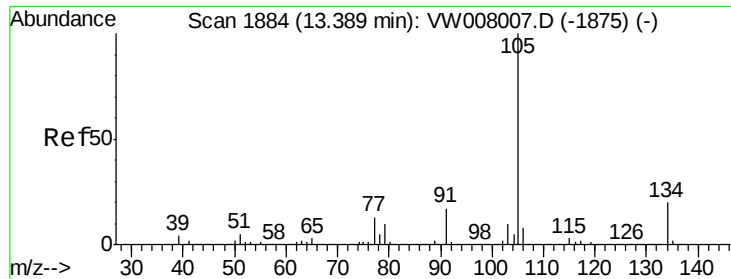
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#84
1,2,4-Trimethylbenzene
Concen: 20.003 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. 0.00 min
Lab File: VW008042.D
Acq: 04 Jan 2019 12:50

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.0	21.5	64.5





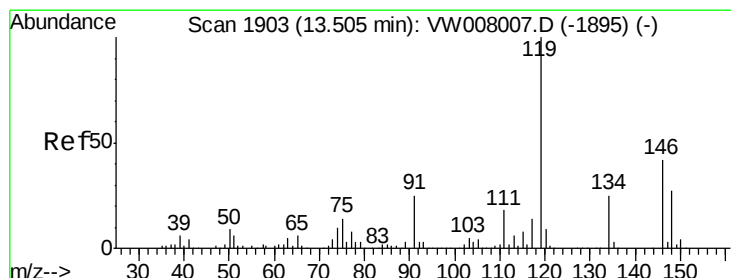
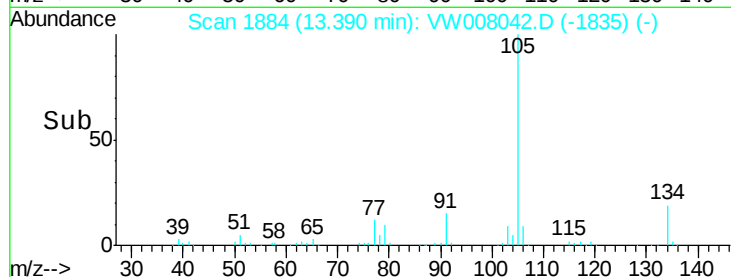
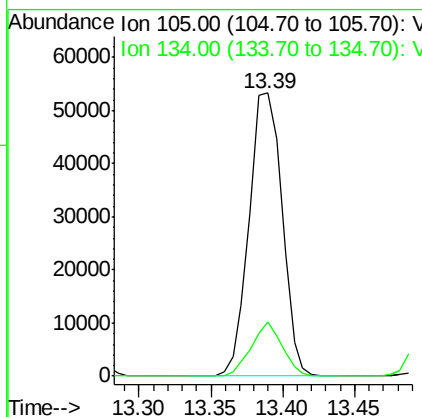
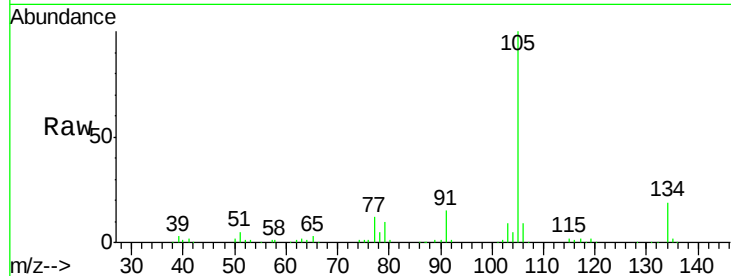
#85
 sec-Butylbenzene
 Concen: 21.332 ug/l
 RT: 13.39 min Scan# 1884
 Delta R.T. 0.00 min
 Lab File: VW008042.D
 Acq: 04 Jan 2019 12:50

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0104SBSD01

Tot Ion:105 Resp: 84651
 Ion Ratio Lower Upper
 105 100
 134 17.9 9.7 28.9

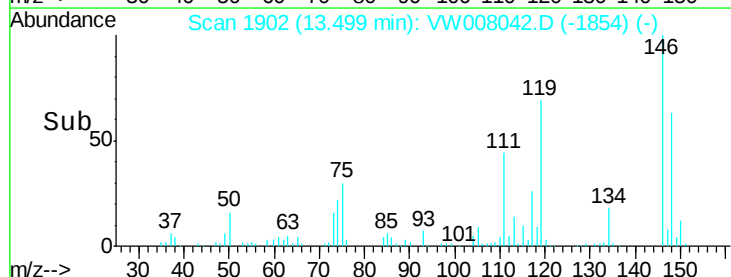
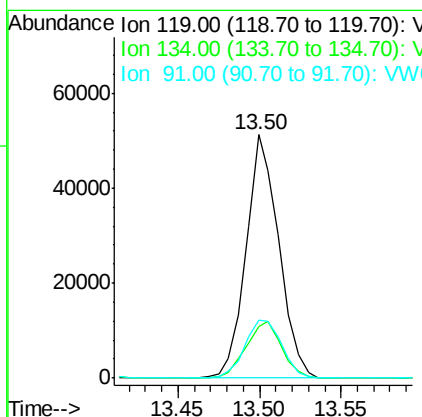
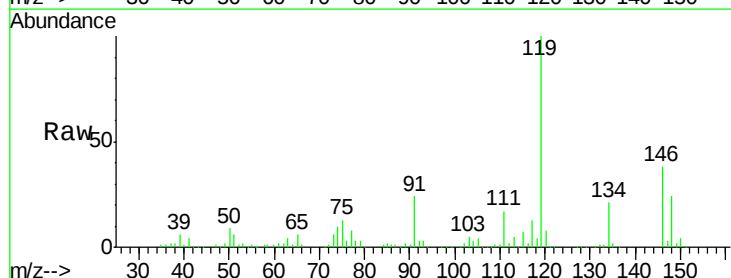
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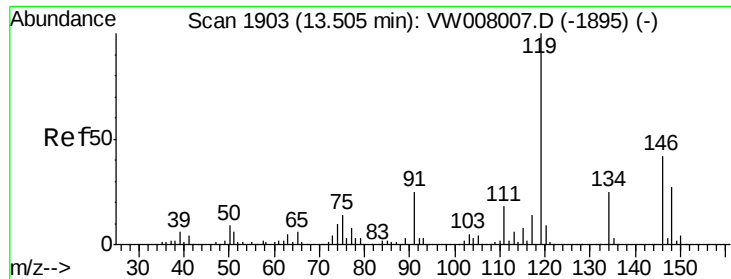
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#86
 p-Isopropyltoluene
 Concen: 19.931 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.01 min
 Lab File: VW008042.D
 Acq: 04 Jan 2019 12:50

Tgt Ion:119 Resp: 71342
 Ion Ratio Lower Upper
 119 100
 134 25.2 12.5 37.5
 91 27.0 13.1 39.3





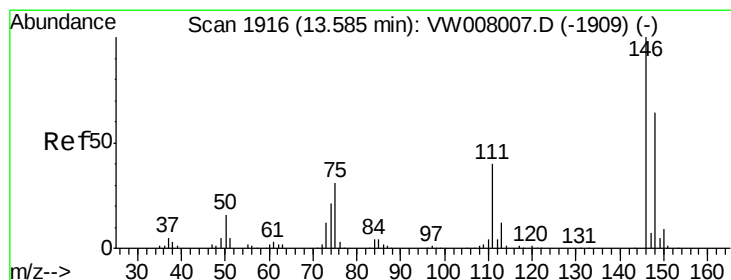
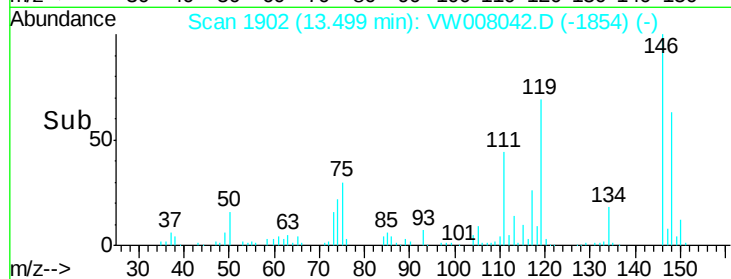
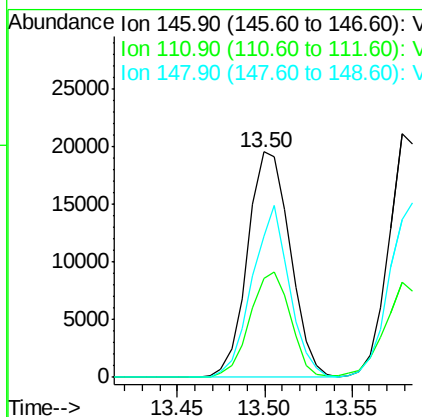
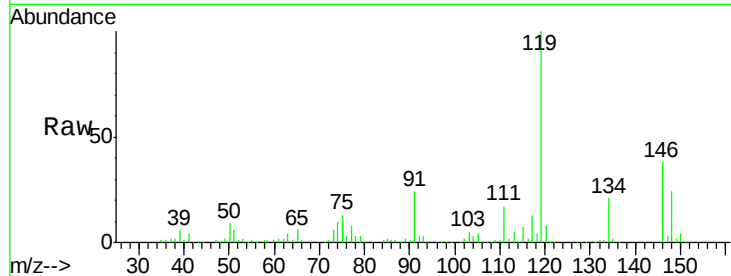
#87
 1,3-Dichlorobenzene
 Concen: 19.952 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.01 min
 Lab File: VW008042.D
 Acq: 04 Jan 2019 12:50

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0104SBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	44.4	21.4	64.2
148	66.8	31.9	95.5

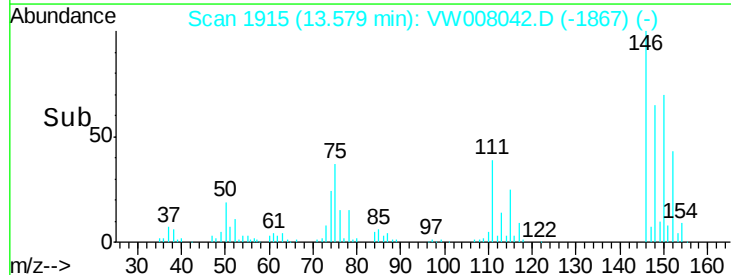
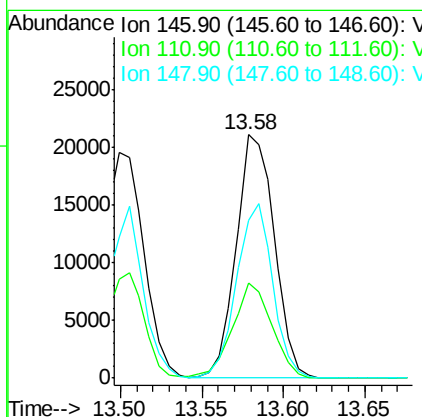
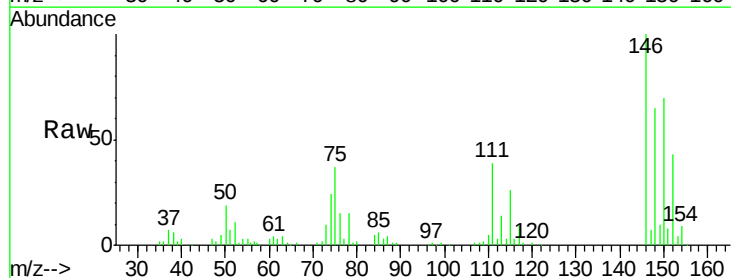
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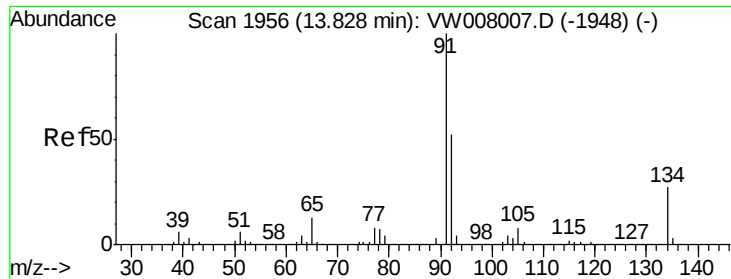
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#88
 1,4-Dichlorobenzene
 Concen: 20.897 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. -0.01 min
 Lab File: VW008042.D
 Acq: 04 Jan 2019 12:50

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.5	20.9	62.8
148	68.1	31.9	95.9





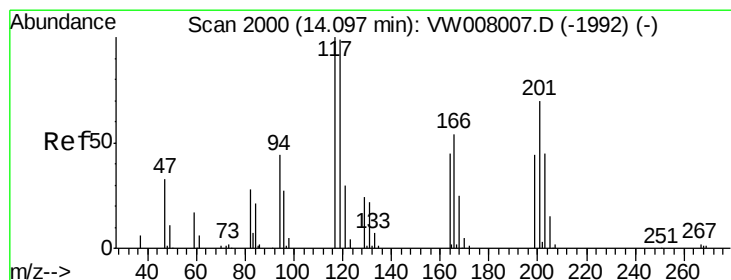
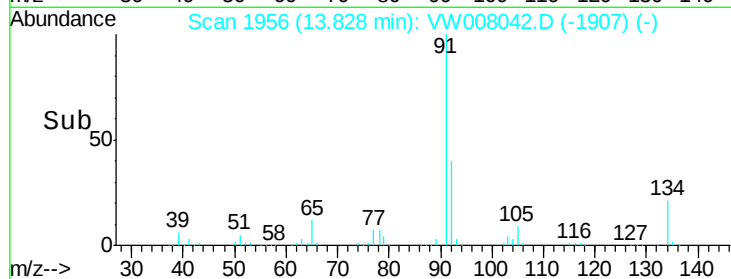
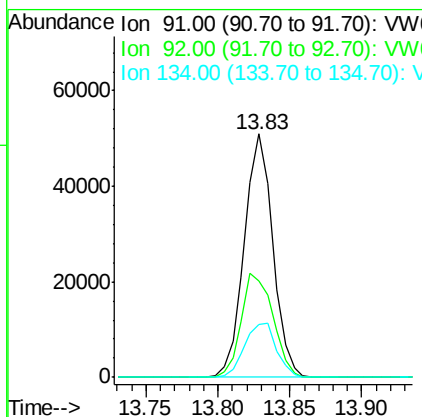
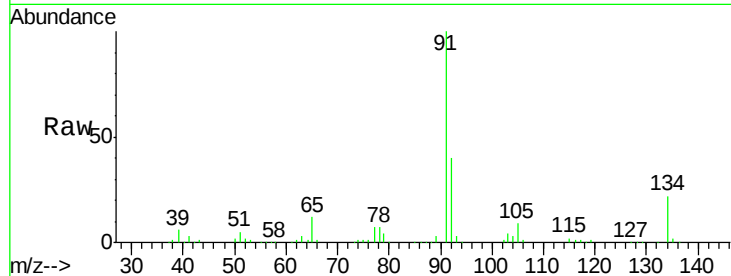
#89
n-Butylbenzene
Concen: 21.346 ug/l
RT: 13.83 min Scan# 1956
Delta R.T. 0.00 min
Lab File: VW008042.D
Acq: 04 Jan 2019 12:50

Instrument :
MSVOA_W
ClientSampleId :
VW0104SBSD01

Tot Ion	Ratio	Lower	Upper
91	100		
92	47.5	26.4	79.2
134	25.0	13.4	40.2

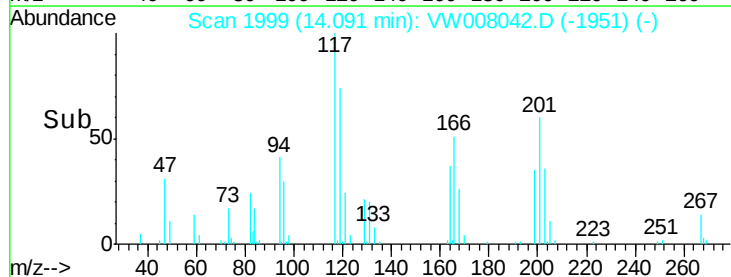
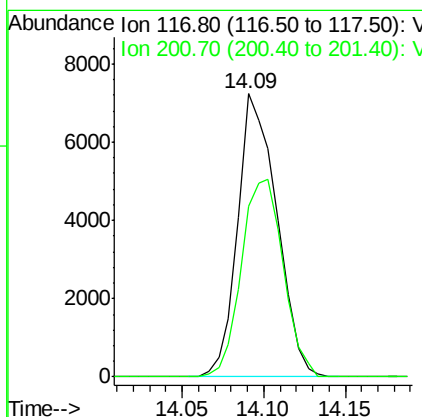
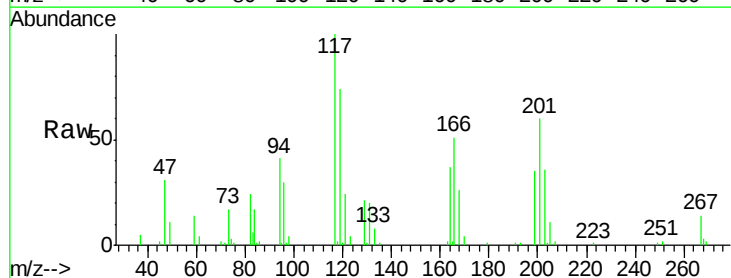
Manual Integrations
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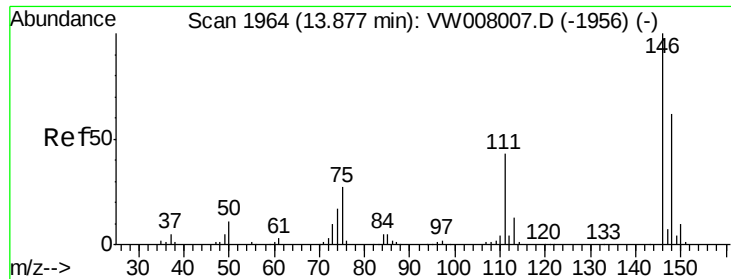
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#90
Hexachloroethane
Concen: 19.388 ug/l
RT: 14.09 min Scan# 1999
Delta R.T. -0.01 min
Lab File: VW008042.D
Acq: 04 Jan 2019 12:50

Tgt Ion	Ratio	Lower	Upper
117	100		
201	74.8	37.1	111.5





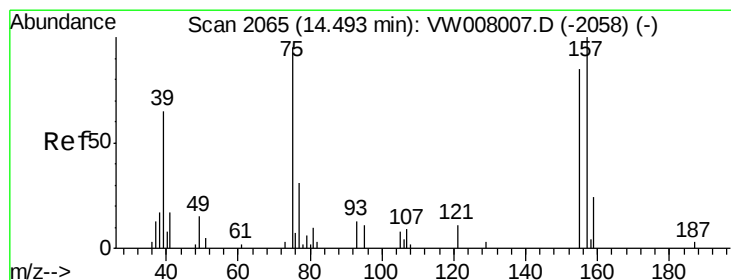
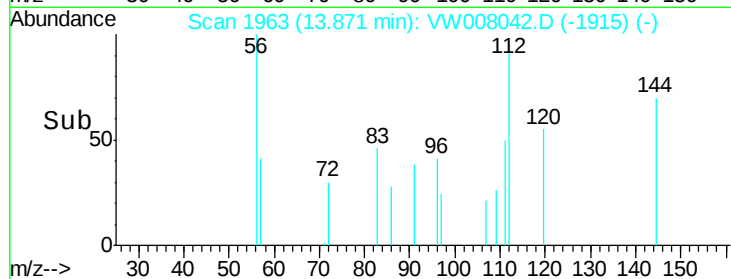
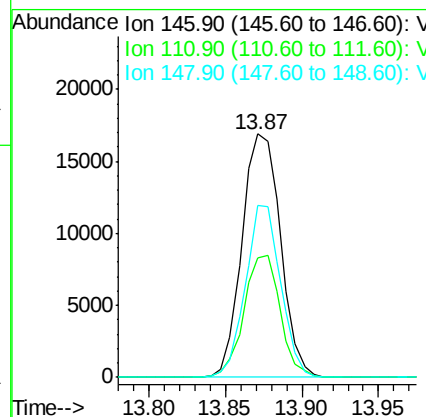
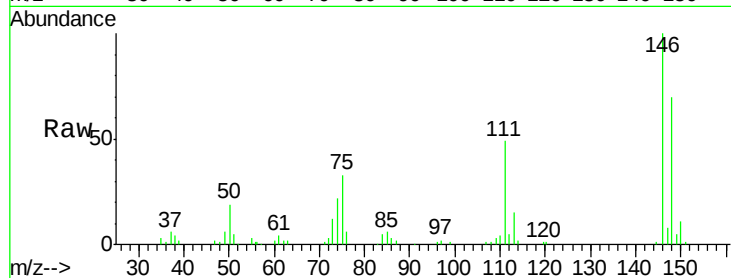
#91
 1,2-Dichlorobenzene
 Concen: 20.245 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. -0.01 min
 Lab File: VW008042.D
 Acq: 04 Jan 2019 12:50

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0104SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	47.0	22.6	67.7
148	64.6	32.1	96.3

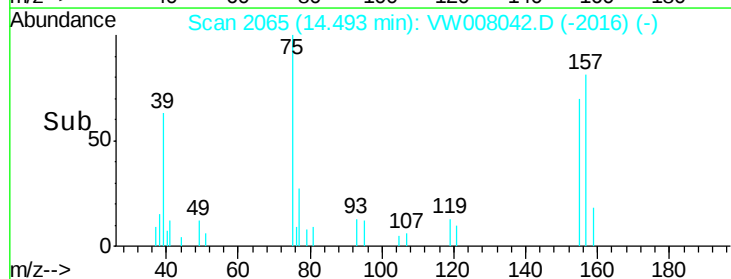
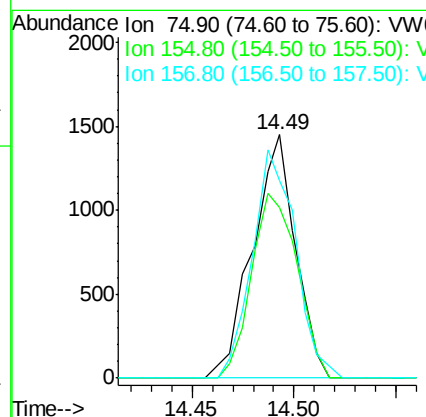
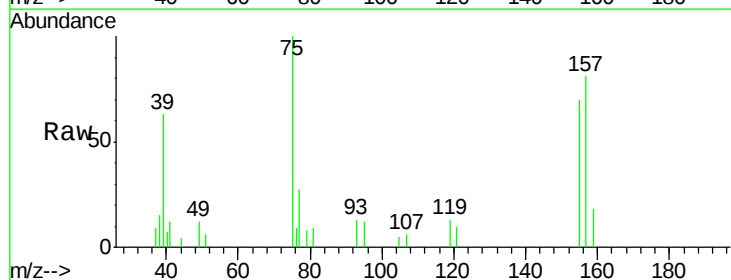
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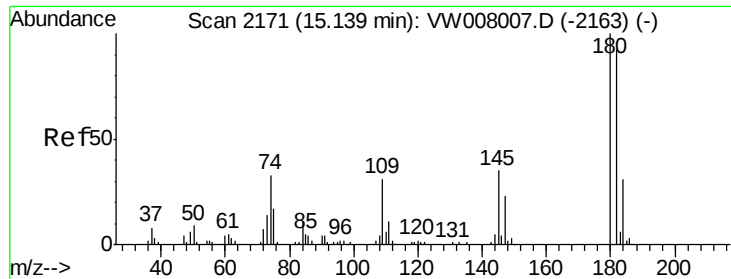
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 21.522 ug/l
 RT: 14.49 min Scan# 2065
 Delta R.T. 0.00 min
 Lab File: VW008042.D
 Acq: 04 Jan 2019 12:50

Tgt Ion	Ratio	Lower	Upper
75	100		
155	80.6	42.4	127.1
157	94.2	52.3	156.8





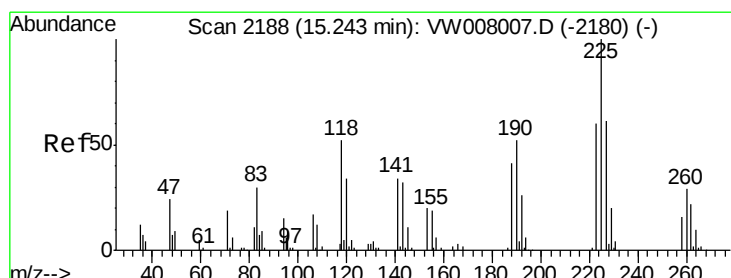
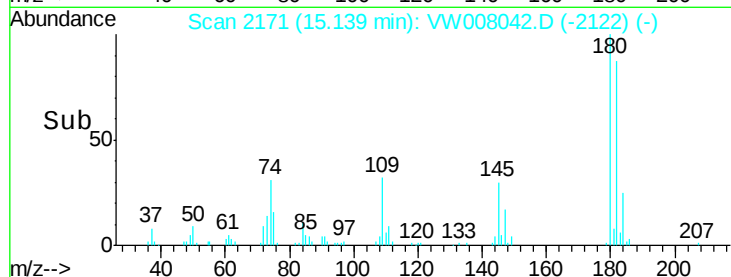
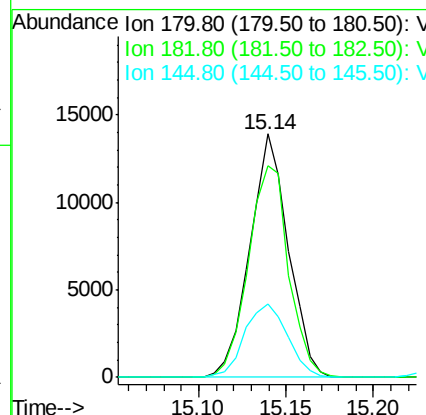
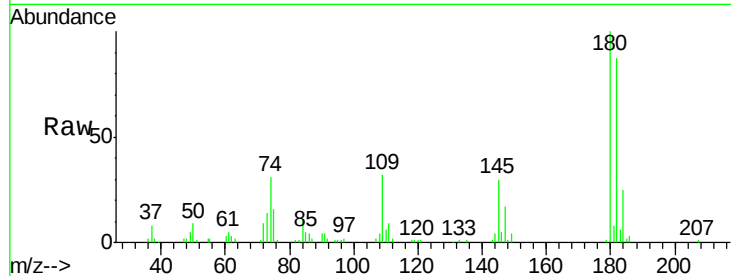
#93
 1,2,4-Trichlorobenzene
 Concen: 20.720 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. 0.00 min
 Lab File: VW008042.D
 Acq: 04 Jan 2019 12:50

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0104SBSD01

Tot Ion	Ratio	Lower	Upper
180	100		
182	91.4	46.6	139.8
145	33.5	17.2	51.6

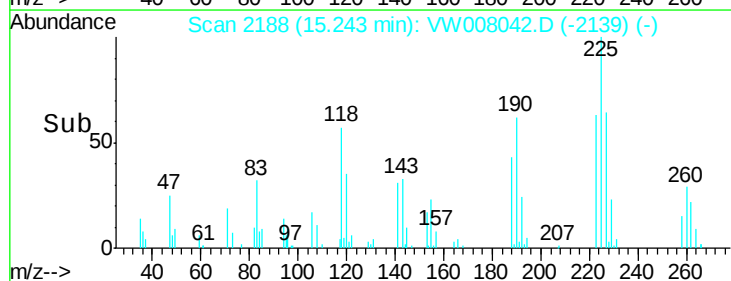
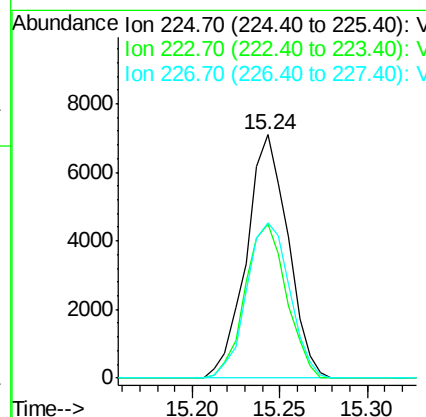
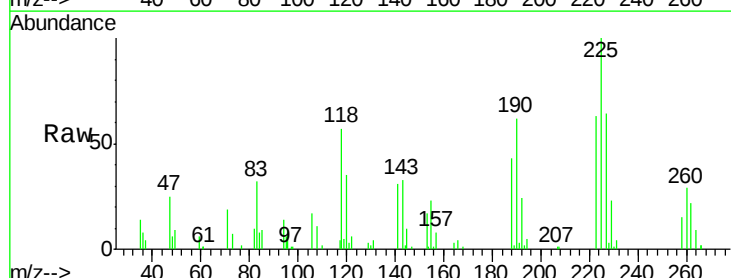
Manual Integrations
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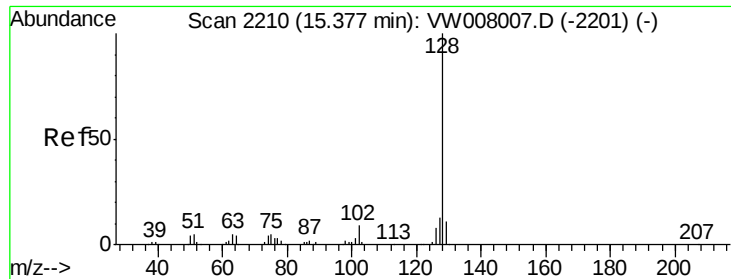
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#94
 Hexachlorobutadiene
 Concen: 19.796 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. 0.00 min
 Lab File: VW008042.D
 Acq: 04 Jan 2019 12:50

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.3	30.6	92.0
227	66.4	31.3	93.8





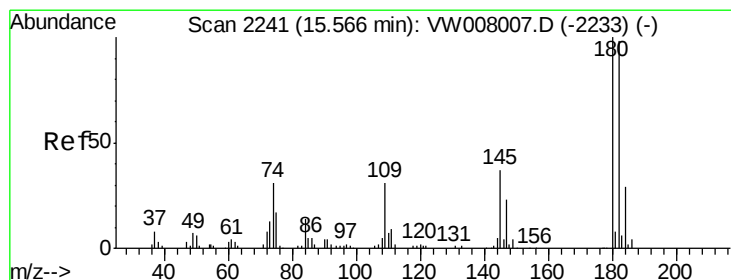
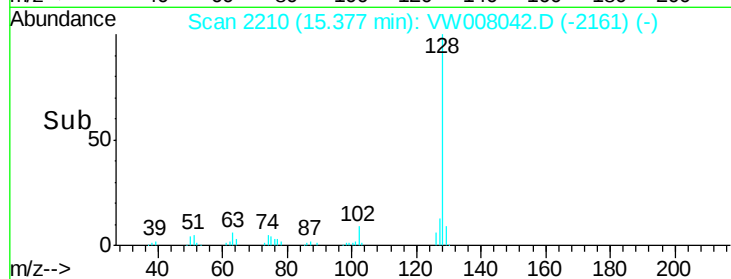
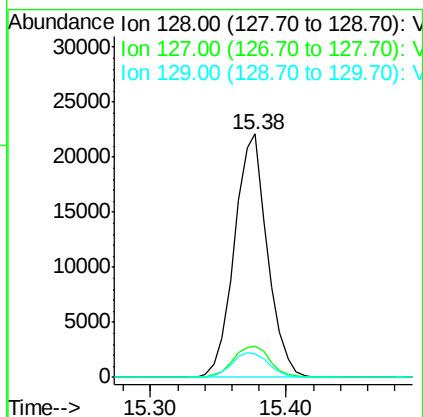
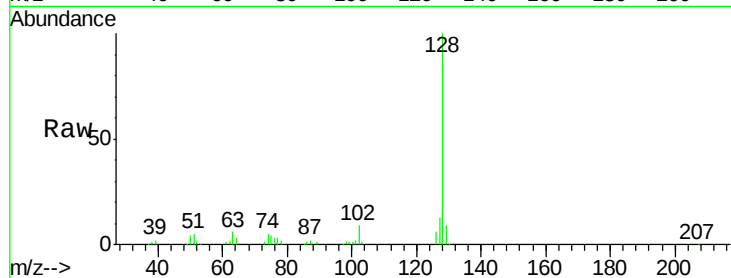
#95
Naphthalene
Concen: 21.357 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. 0.00 min
Lab File: VW008042.D
Acq: 04 Jan 2019 12:50

Instrument :
MSVOA_W
ClientSampleId :
VW0104SBSD01

Tot Ion	Ratio	Lower	Upper
128	100		
127	14.1	10.8	16.2
129	11.1	8.8	13.2

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 20.731 ug/l
RT: 15.56 min Scan# 2240
Delta R.T. -0.01 min
Lab File: VW008042.D
Acq: 04 Jan 2019 12:50

Tgt Ion	Ratio	Lower	Upper
180	100		
182	98.5	47.9	143.8
145	37.8	18.7	56.1

