

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW010719\
 Data File : VW008065.D
 Acq On : 07 Jan 2019 13:15
 Operator : SY/AP
 Sample : VW0107SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0107SBS01

Manual Integrations
 APPROVED

MMDadoda
 1/8/2019 11:53:38 AM

Quant Time: Jan 08 03:58:38 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	71313	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	116730	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	96570	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	50233	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	38360	48.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.26%	
35) Dibromofluoromethane	7.88	113	33855	46.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.02%	
50) Toluene-d8	10.32	98	131853	47.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.54%	
62) 4-Bromofluorobenzene	12.62	95	47139	44.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.06%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	12418m	18.975	ug/l	
3) Chloromethane	2.21	50	9172	18.892	ug/l	97
4) Vinyl Chloride	2.37	62	13564	21.632	ug/l	92
5) Bromomethane	2.78	94	8219	20.632	ug/l	87
6) Chloroethane	2.93	64	7143	22.288	ug/l	98
7) Trichlorofluoromethane	3.26	101	13306	21.140	ug/l	91
8) Diethyl Ether	3.68	74	6754	20.892	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	4.06	101	15353	20.526	ug/l	98
10) Methyl Iodide	4.26	142	24634	20.471	ug/l	98
11) Tert butyl alcohol	5.21	59	4765	92.986	ug/l #	90
12) 1,1-Dichloroethene	4.03	96	14999	20.949	ug/l	92
13) Acrolein	3.89	56	3468	99.884	ug/l	97
14) Allyl chloride	4.67	41	20479	21.113	ug/l	98
15) Acrylonitrile	5.37	53	13128	110.408	ug/l	97
16) Acetone	4.14	43	14315	117.242	ug/l	92
17) Carbon Disulfide	4.38	76	43988	20.113	ug/l	100
18) Methyl Acetate	4.68	43	6893	21.769	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	24828	22.035	ug/l	97
20) Methylene Chloride	4.92	84	15551	19.188	ug/l	97
21) trans-1,2-Dichloroethene	5.42	96	16150	20.732	ug/l	99
22) Diisopropyl ether	6.31	45	37857	21.744	ug/l #	96
23) Vinyl Acetate	6.26	43	108727	111.618	ug/l	99
24) 1,1-Dichloroethane	6.22	63	26941	20.827	ug/l	96
25) 2-Butanone	7.18	43	16366	113.766	ug/l	96
26) 2,2-Dichloropropane	7.17	77	22539	21.148	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	17337	20.893	ug/l	98
28) Bromochloromethane	7.52	49	8888	21.377	ug/l	99
29) Tetrahydrofuran	7.54	42	9520	106.539	ug/l	99
30) Chloroform	7.68	83	30018	20.705	ug/l	99
31) Cyclohexane	7.95	56	24749	20.527	ug/l #	92
32) 1,1,1-Trichloroethane	7.87	97	28979	20.890	ug/l	98
36) 1,1-Dichloropropene	8.09	75	23950	20.799	ug/l	99
37) Ethyl Acetate	7.26	43	7541	21.802	ug/l	100
38) Carbon Tetrachloride	8.07	117	27891	20.211	ug/l	94

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	29274	20.395	ug/l	97
40) Benzene	8.33	78	61527	20.254	ug/l	99
41) Methacrylonitrile	7.49	41	4674	22.983	ug/l	95
42) 1,2-Dichloroethane	8.40	62	20533	20.287	ug/l	99
43) Isopropyl Acetate	8.43	43	15431	22.328	ug/l	99
44) Trichloroethene	9.09	130	18160	20.258	ug/l	99
45) 1,2-Dichloropropane	9.37	63	13558	20.620	ug/l	95
46) Dibromomethane	9.46	93	8104	21.081	ug/l	98
47) Bromodichloromethane	9.65	83	22432	20.833	ug/l	99
48) Methyl methacrylate	9.44	41	7599	21.807	ug/l	97
49) 1,4-Dioxane	9.46	88	2155	378.800	ug/l #	75
51) 4-Methyl-2-Pentanone	10.21	43	35973	112.449	ug/l	99
52) Toluene	10.39	92	41536	20.712	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	21454	20.721	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	24092	20.852	ug/l	96
55) 1,1,2-Trichloroethane	10.79	97	10818	20.784	ug/l	97
56) Ethyl methacrylate	10.65	69	12755	21.676	ug/l	98
57) 1,3-Dichloropropane	10.93	76	17801	20.127	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.93	63	32223	115.467	ug/l	96
59) 2-Hexanone	10.97	43	25341	114.744	ug/l	98
60) Dibromochloromethane	11.13	129	14147	19.856	ug/l	100
61) 1,2-Dibromoethane	11.24	107	10214	19.609	ug/l	98
64) Tetrachloroethene	10.87	164	14759	22.125	ug/l	93
65) Chlorobenzene	11.66	112	42876	20.774	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.73	131	15669	20.964	ug/l	100
67) Ethyl Benzene	11.73	91	78828	21.518	ug/l	97
68) m/p-Xylenes	11.84	106	58836	41.542	ug/l	94
69) o-Xylene	12.17	106	28114	21.333	ug/l	89
70) Styrene	12.18	104	43886	20.431	ug/l	99
71) Bromoform	12.35	173	7432	21.463	ug/l #	98
73) Isopropylbenzene	12.47	105	78893	19.751	ug/l	98
74) N-amyl acetate	12.27	43	13343	21.460	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.71	83	10349	20.362	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	6623m	16.573	ug/l	
77) Bromobenzene	12.75	156	17081	19.895	ug/l	96
78) n-propylbenzene	12.80	91	96229	20.778	ug/l	98
79) 2-Chlorotoluene	12.90	91	53918	20.144	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	72561	21.104	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	3333	19.723	ug/l	93
82) 4-Chlorotoluene	12.99	91	56633	19.898	ug/l	99
83) tert-Butylbenzene	13.21	119	62696	20.842	ug/l	97
84) 1,2,4-Trimethylbenzene	13.26	105	69693	20.012	ug/l	97
85) sec-Butylbenzene	13.39	105	78661	19.009	ug/l	93
86) p-Isopropyltoluene	13.51	119	74434	19.942	ug/l	98
87) 1,3-Dichlorobenzene	13.51	146	34702	20.032	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	33711	19.656	ug/l	98
89) n-Butylbenzene	13.83	91	65852	19.288	ug/l	99
90) Hexachloroethane	14.10	117	13095	20.219	ug/l	97
91) 1,2-Dichlorobenzene	13.88	146	30140	19.799	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.49	75	2120	20.552	ug/l	95

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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	20997	19.639	ug/l	98
94) Hexachlorobutadiene	15.24	225	12174	19.721	ug/l	98
95) Naphthalene	15.38	128	37173	20.415	ug/l	99
96) 1,2,3-Trichlorobenzene	15.56	180	17518	19.913	ug/l	99

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

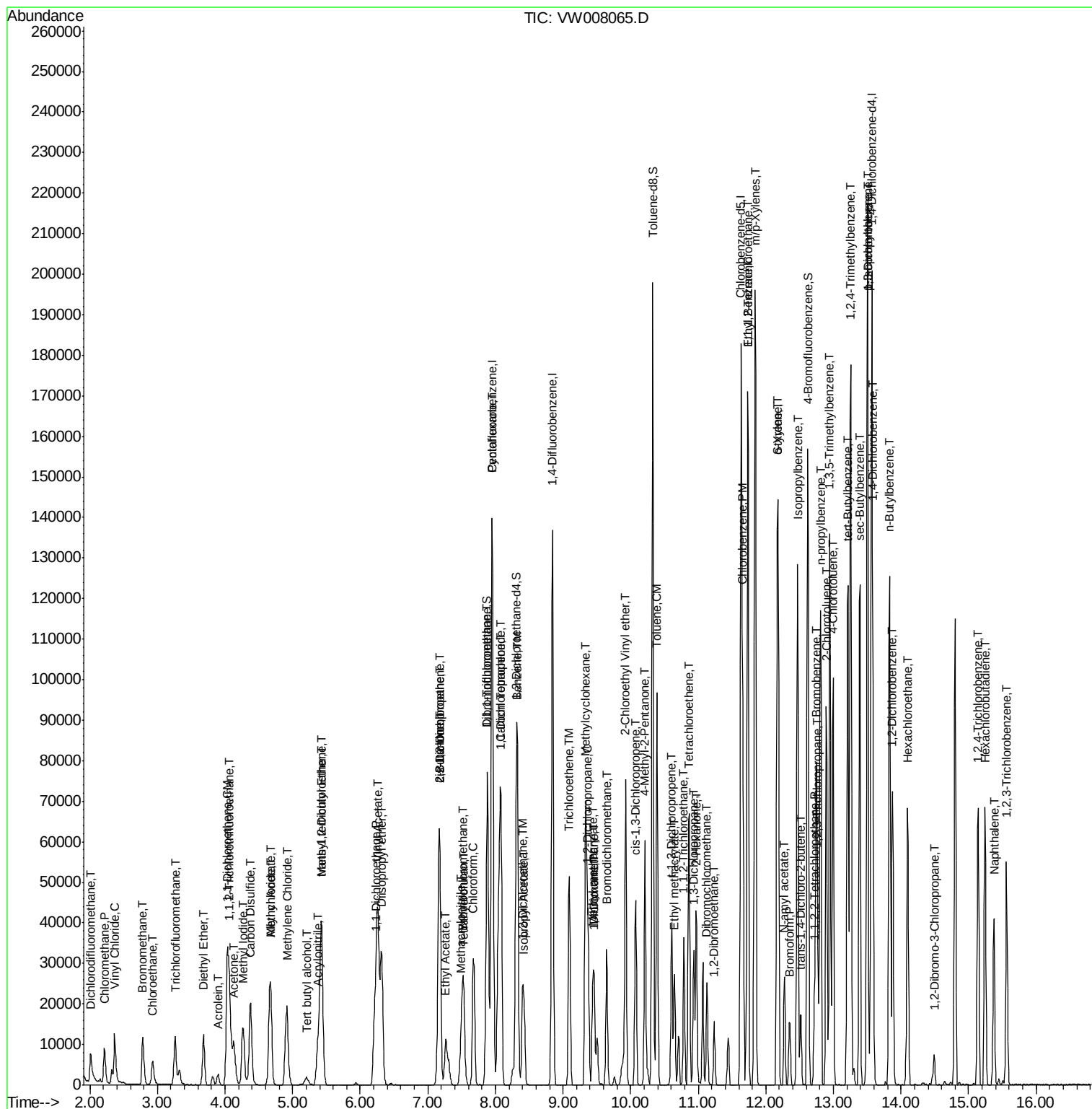
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Data File : VW008065.D
Acq On : 07 Jan 2019 13:15
Operator : SY/AP
Sample : VW0107SBSD01
Misc : 5.00G/5ML/MSVOA W/SOIL
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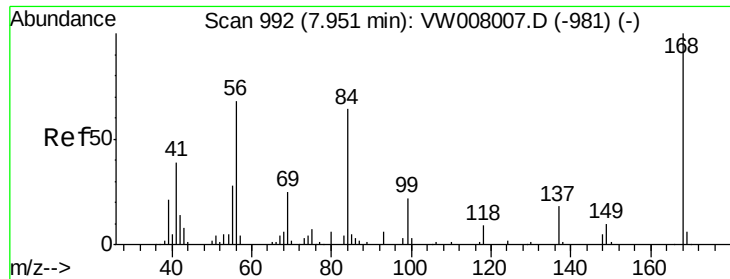
Instrument :
MSVOA_W
ClientSampleId :
VW0107SBSD01

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW008065.D

Acq: 07 Jan 2019 13:15

Instrument :

MSVOA_W

ClientSampleId :

VW0107SBSD01

Tot Ion:168 Resp: 71313

Ion Ratio Lower Upper

168 100

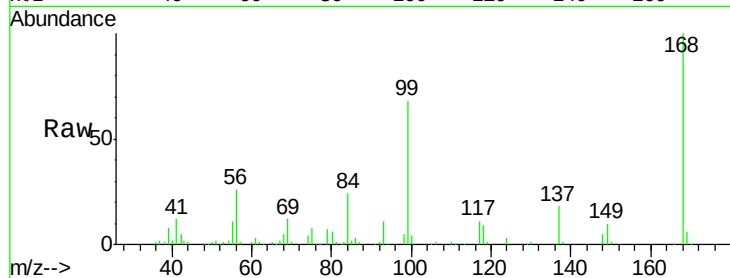
99 67.7 51.6 77.4

Manual Integrations

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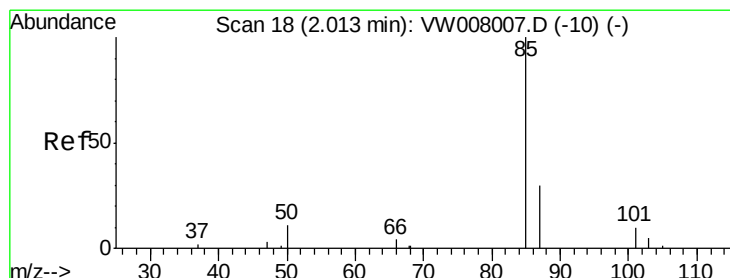
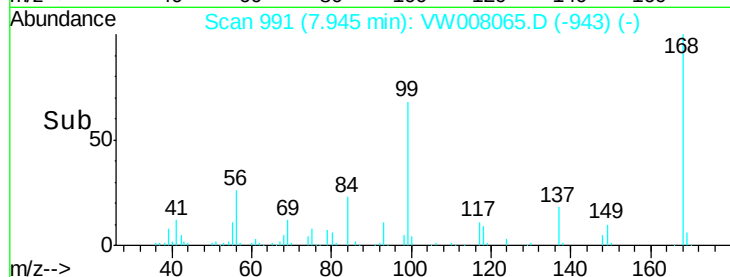
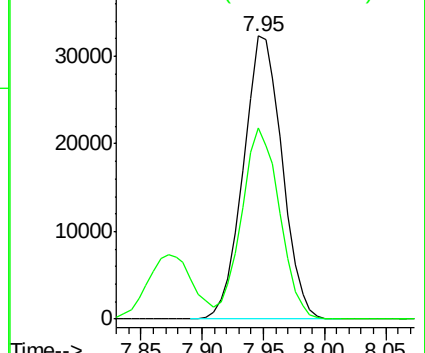
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: 18.975 ug/l m

RT: 2.01 min Scan# 17

Delta R.T. -0.01 min

Lab File: VW008065.D

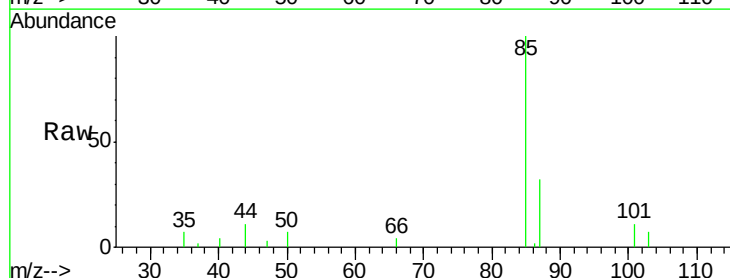
Acq: 07 Jan 2019 13:15

Tgt Ion: 85 Resp: 12418

Ion Ratio Lower Upper

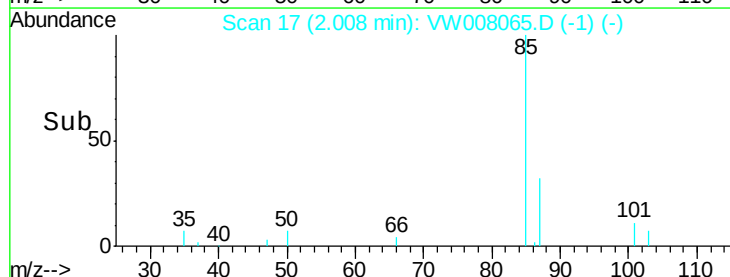
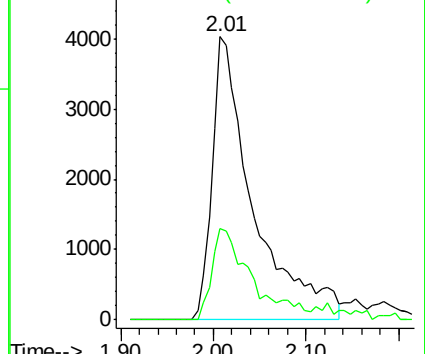
85 100

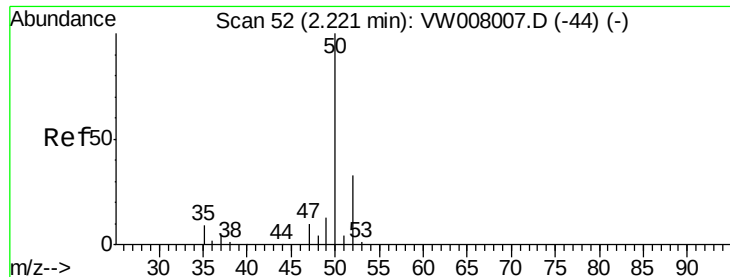
87 32.4 15.0 45.0



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#3

Chloromethane

Concen: 18.892 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.01 min

Lab File: VW008065.D

Acq: 07 Jan 2019 13:15

Instrument :

MSVOA_W

ClientSampleId :

VW0107SBSD01

Tot Ion: 50 Resp: 9172

Ion Ratio Lower Upper

50 100

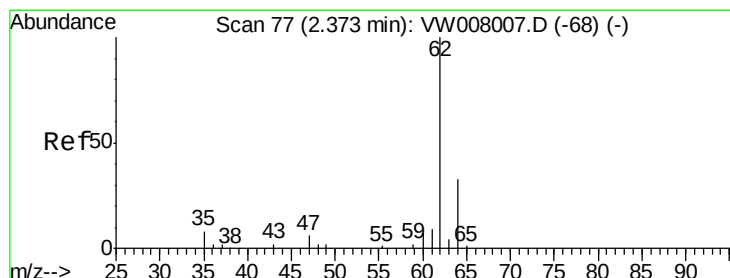
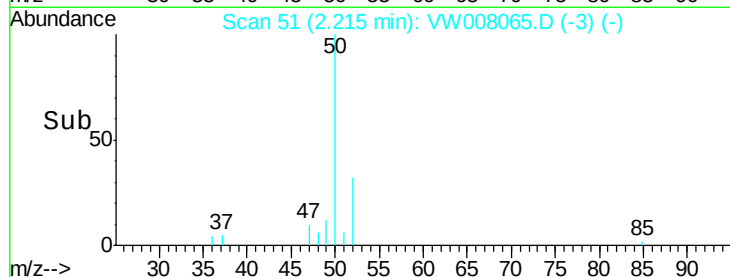
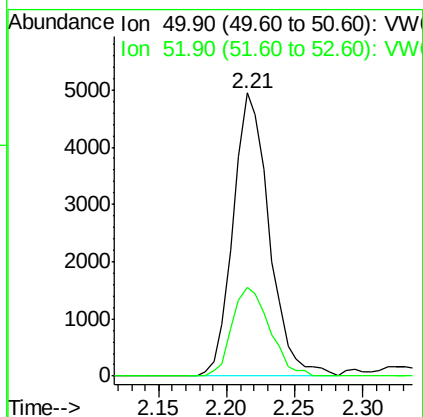
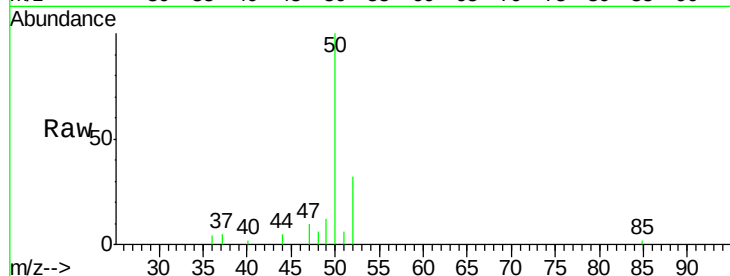
52 31.6 26.8 40.2

Manual Integrations

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#4

Vinyl Chloride

Concen: 21.632 ug/l

RT: 2.37 min Scan# 76

Delta R.T. -0.01 min

Lab File: VW008065.D

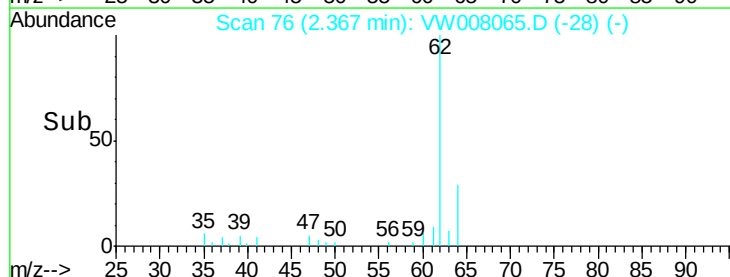
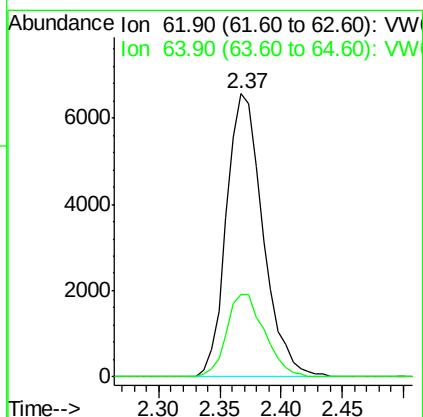
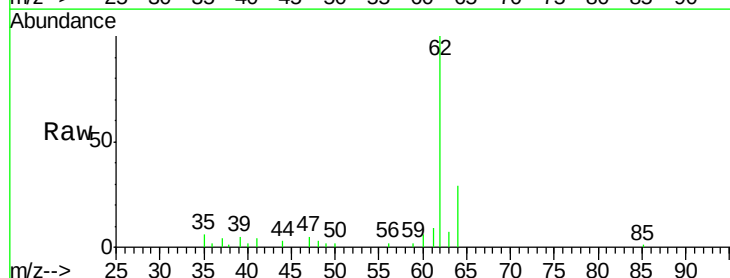
Acq: 07 Jan 2019 13:15

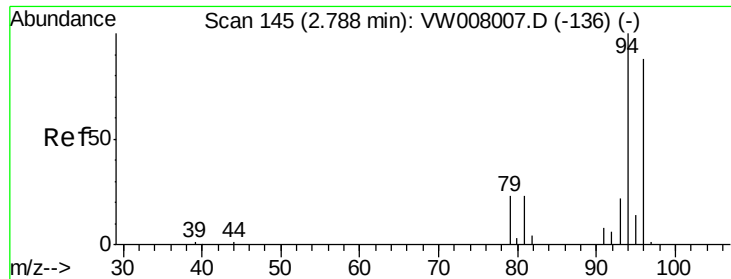
Tgt Ion: 62 Resp: 13564

Ion Ratio Lower Upper

62 100

64 28.9 26.8 40.2





#5

Bromomethane

Concen: 20.632 ug/l

RT: 2.78 min Scan# 144

Delta R.T. -0.01 min

Lab File: VW008065.D

Acq: 07 Jan 2019 13:15

Instrument :

MSVOA_W

ClientSampleId :

VW0107SBSD01

Tot Ion: 94 Resp: 8219

Ion Ratio Lower Upper

94 100

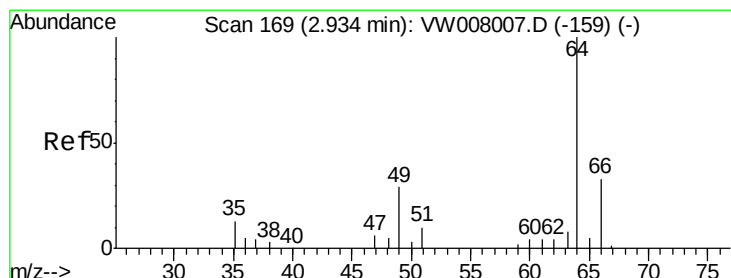
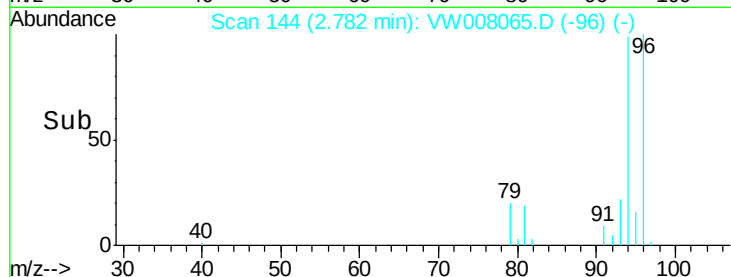
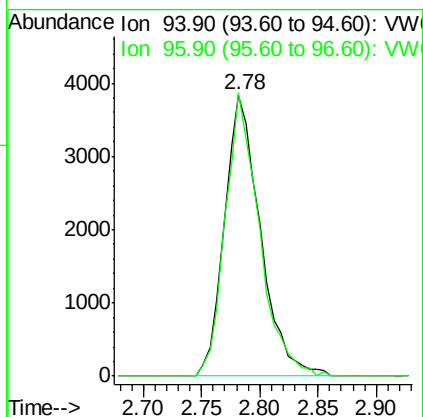
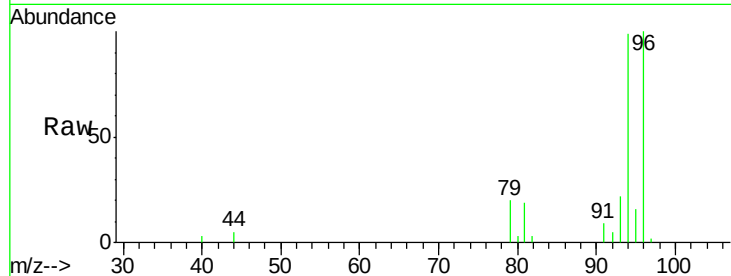
96 100.8 70.7 106.1

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#6

Chloroethane

Concen: 22.288 ug/l

RT: 2.93 min Scan# 168

Delta R.T. -0.01 min

Lab File: VW008065.D

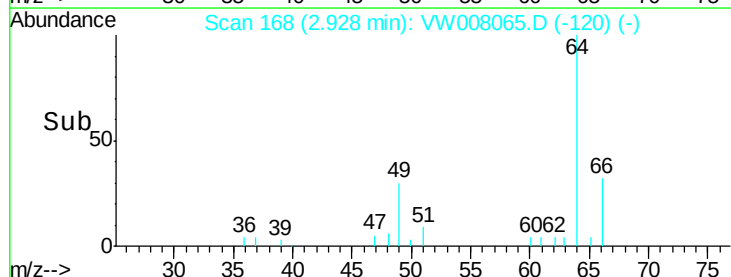
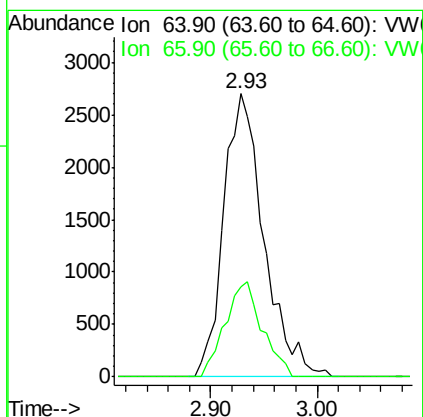
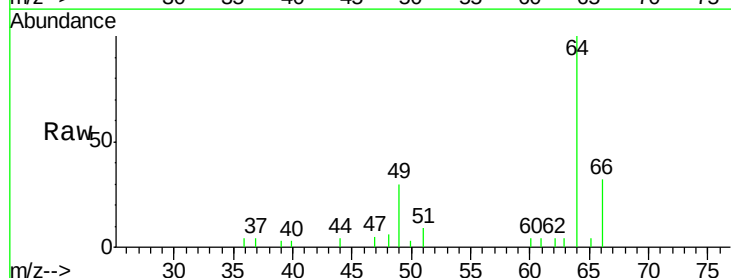
Acq: 07 Jan 2019 13:15

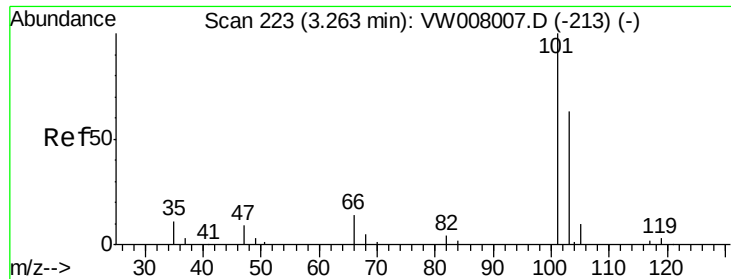
Tgt Ion: 64 Resp: 7143

Ion Ratio Lower Upper

64 100

66 32.0 26.6 39.8





#7

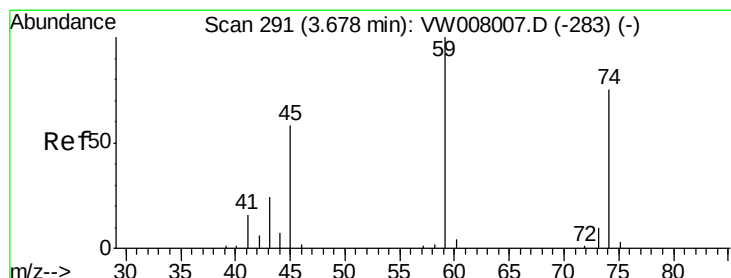
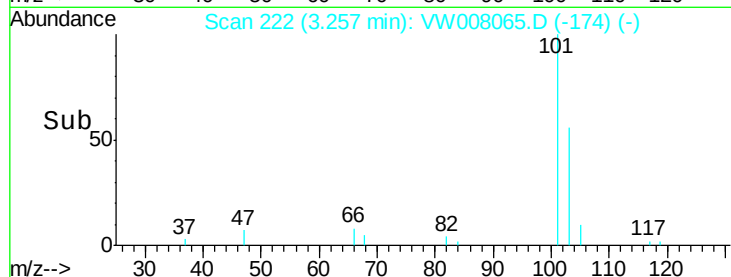
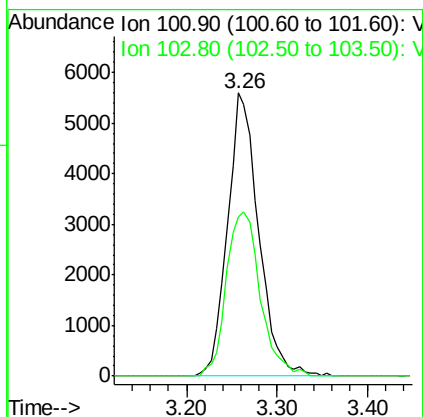
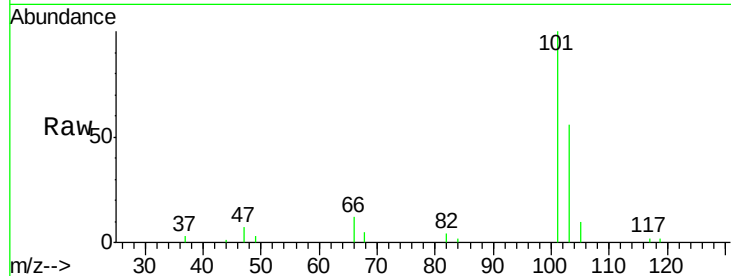
Trichlorofluoromethane
Concen: 21.140 ug/l
RT: 3.26 min Scan# 222
Delta R.T. -0.01 min
Lab File: VW008065.D
Acq: 07 Jan 2019 13:15

Instrument :
MSVOA_W
ClientSampleId :
VW0107SBSD01

Tot Ion:101 Resp: 13306
Ion Ratio Lower Upper
101 100
103 56.1 50.5 75.7

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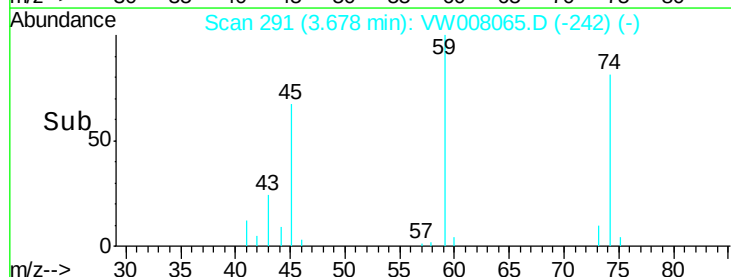
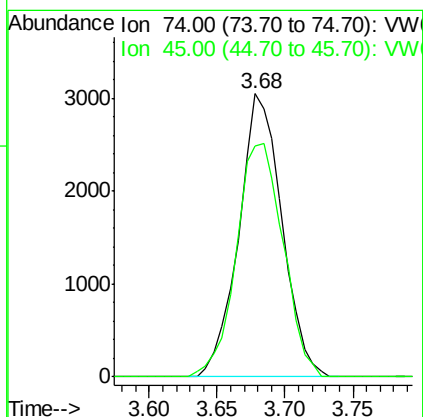
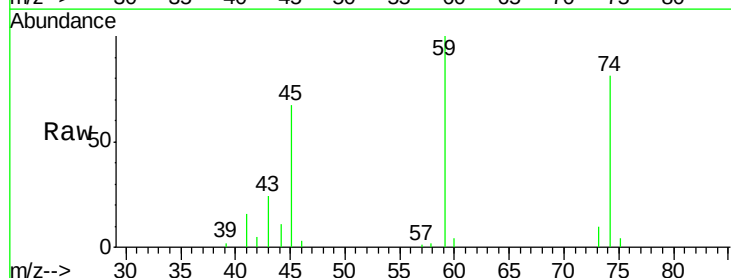
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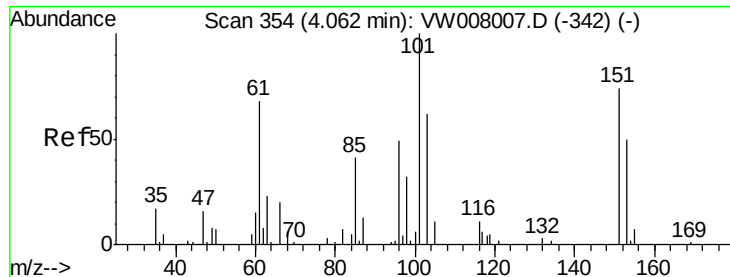


#8

Diethyl Ether
Concen: 20.892 ug/l
RT: 3.68 min Scan# 291
Delta R.T. 0.00 min
Lab File: VW008065.D
Acq: 07 Jan 2019 13:15

Tgt Ion: 74 Resp: 6754
Ion Ratio Lower Upper
74 100
45 89.5 41.4 124.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.526 ug/l

RT: 4.06 min Scan# 354

Delta R.T. 0.00 min

Lab File: VW008065.D

Acq: 07 Jan 2019 13:15

Instrument :

MSVOA_W

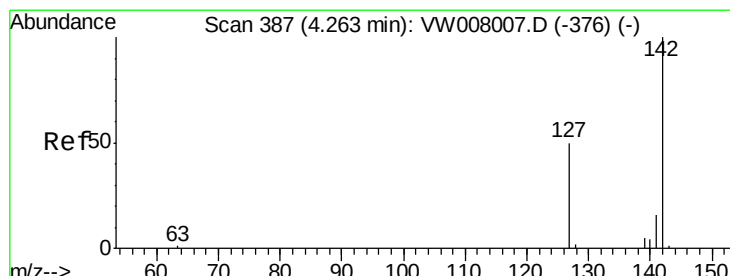
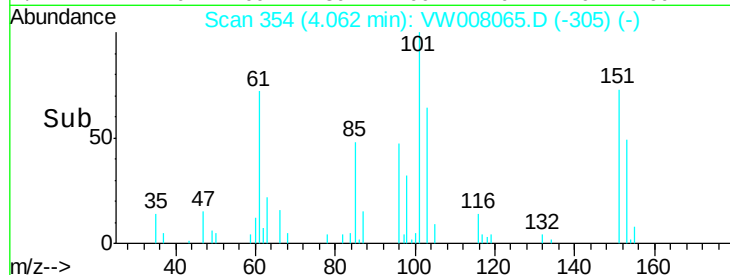
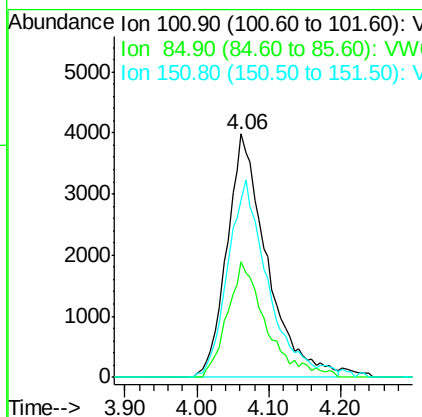
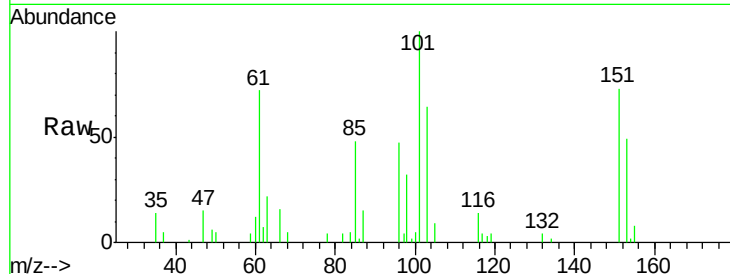
ClientSampleId :

VW0107SBS01

Tot Ion:	101	Resp:	15353
Ion Ratio	Lower	Upper	
101	100		
85	46.1	35.1	52.7
151	79.9	65.3	97.9

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#10

Methyl Iodide

Concen: 20.471 ug/l

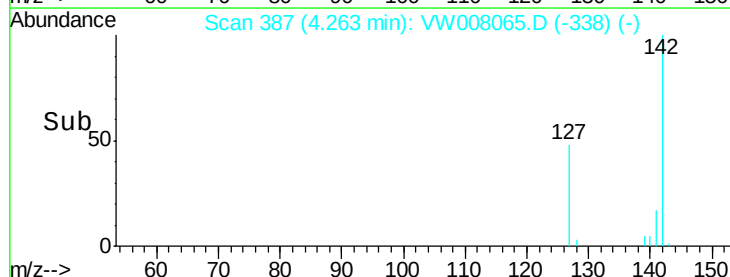
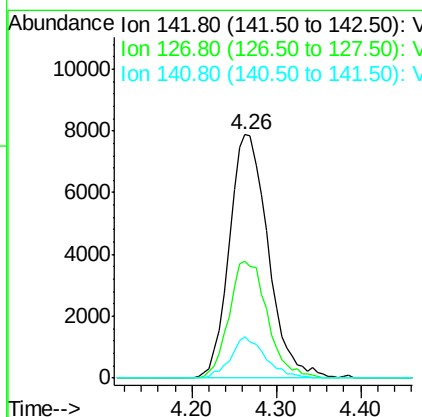
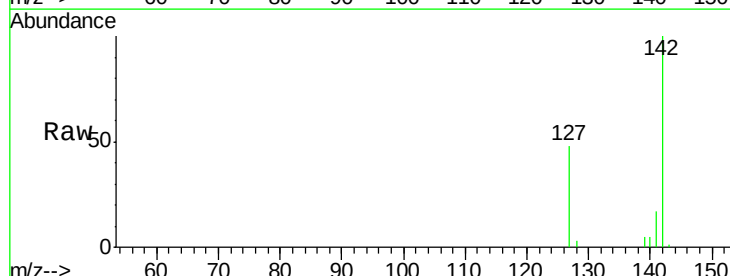
RT: 4.26 min Scan# 387

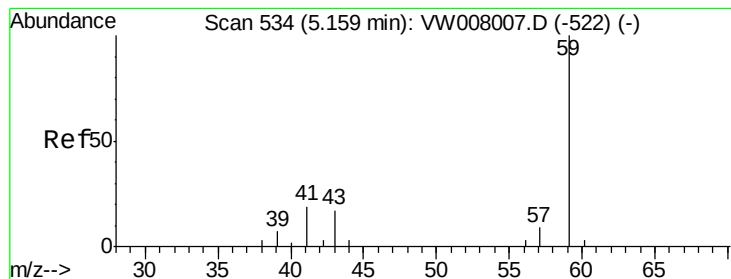
Delta R.T. 0.00 min

Lab File: VW008065.D

Acq: 07 Jan 2019 13:15

Tgt Ion:	142	Resp:	24634
Ion Ratio	Lower	Upper	
142	100		
127	47.5	39.4	59.0
141	15.3	12.1	18.1





#11

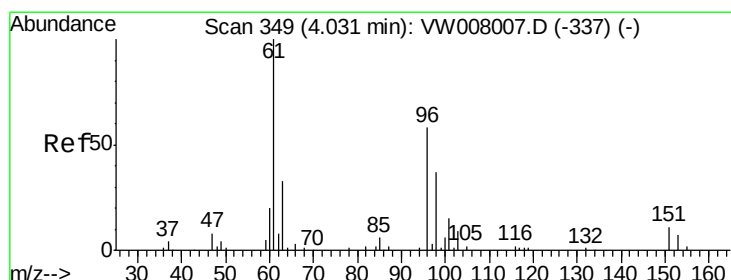
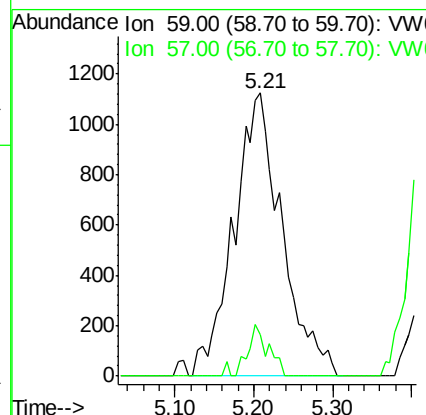
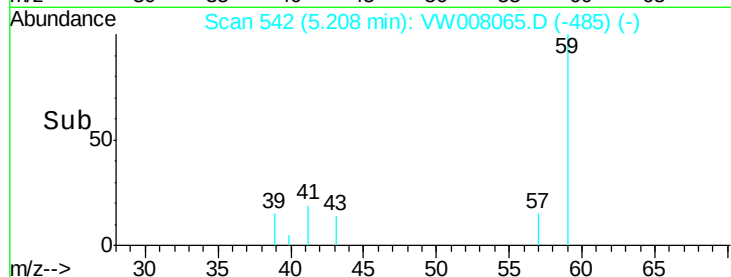
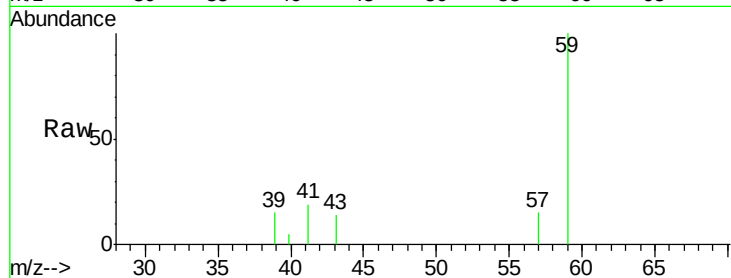
Tert butyl alcohol
Concen: 92.986 ug/l
RT: 5.21 min Scan# 542
Delta R.T. 0.05 min
Lab File: VW008065.D
Acq: 07 Jan 2019 13:15

Instrument :
MSVOA_W
ClientSampleId :
VW0107SBS01

Tot Ion	Ratio	Lower	Upper
59	100		
57	7.5	9.0	13.4#

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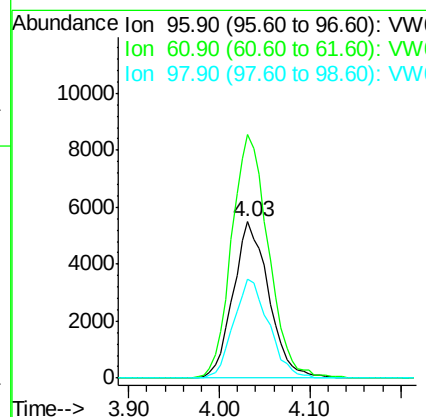
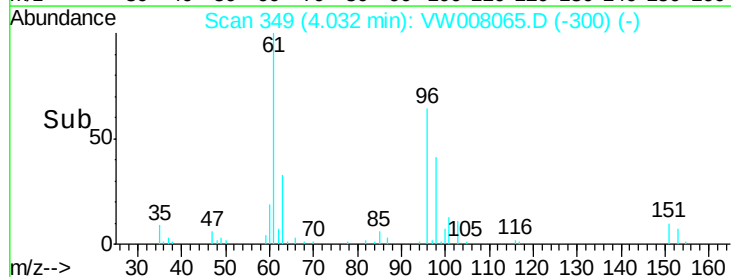
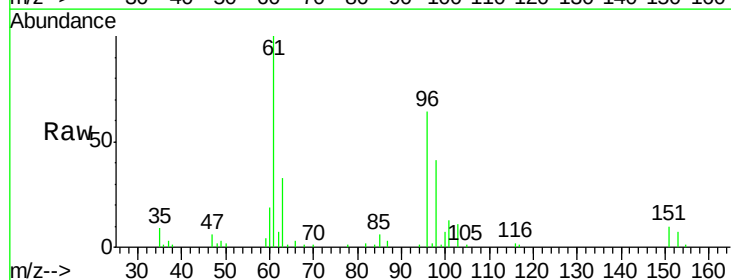
MMDadoda
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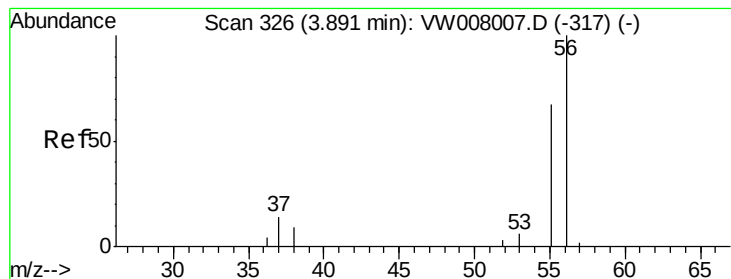


#12

1,1-Dichloroethene
Concen: 20.949 ug/l
RT: 4.03 min Scan# 349
Delta R.T. 0.00 min
Lab File: VW008065.D
Acq: 07 Jan 2019 13:15

Tgt Ion	Ratio	Lower	Upper
96	100		
61	155.7	137.3	205.9
98	63.1	50.5	75.7





#13

Acrolein

Concen: 99.884 ug/l

RT: 3.89 min Scan# 326

Delta R.T. 0.00 min

Lab File: VW008065.D

Acq: 07 Jan 2019 13:15

Instrument :

MSVOA_W

ClientSampleId :

VW0107SBSD01

Tot Ion: 56 Resp: 3468

Ion Ratio Lower Upper

56 100

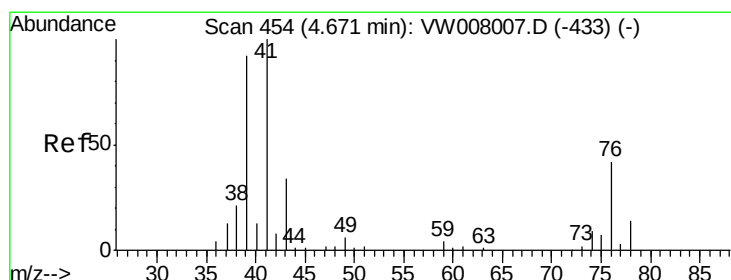
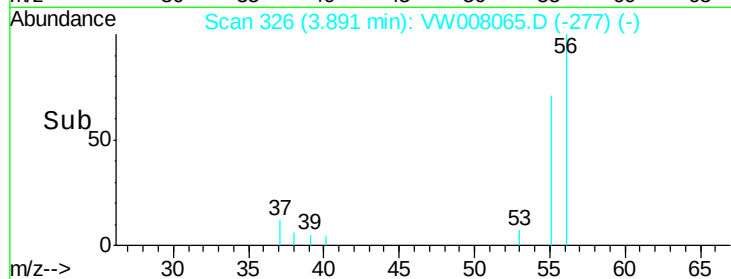
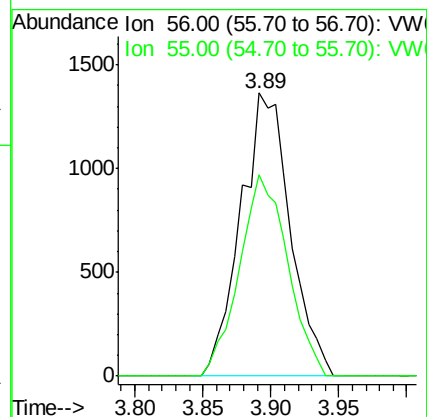
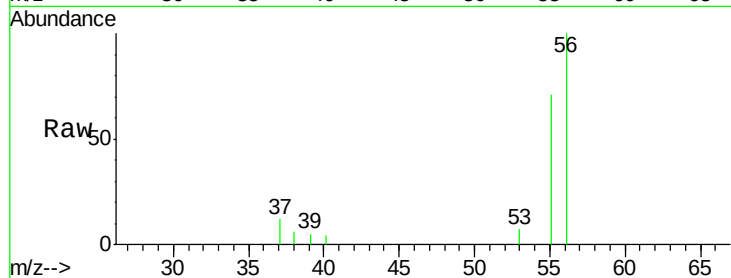
55 69.4 57.3 85.9

Manual Integrations

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#14

Allyl chloride

Concen: 21.113 ug/l

RT: 4.67 min Scan# 453

Delta R.T. -0.01 min

Lab File: VW008065.D

Acq: 07 Jan 2019 13:15

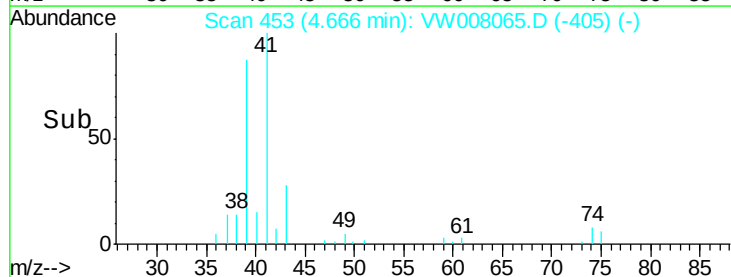
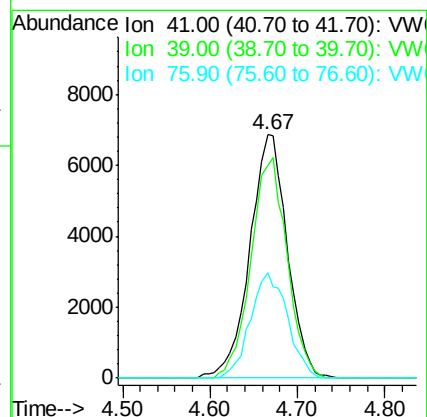
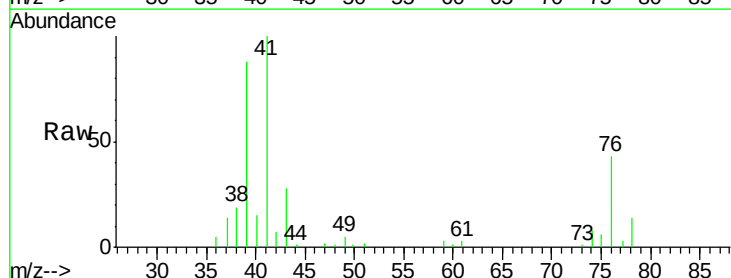
Tgt Ion: 41 Resp: 20479

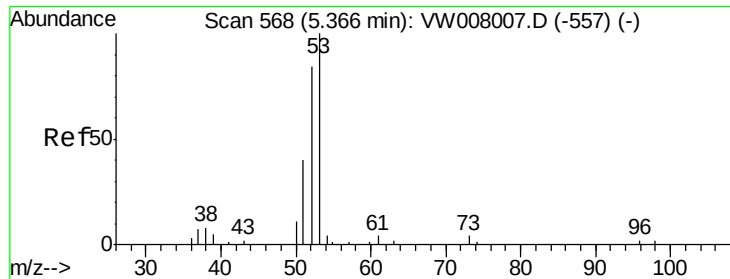
Ion Ratio Lower Upper

41 100

39 87.1 71.1 106.7

76 42.7 33.4 50.2





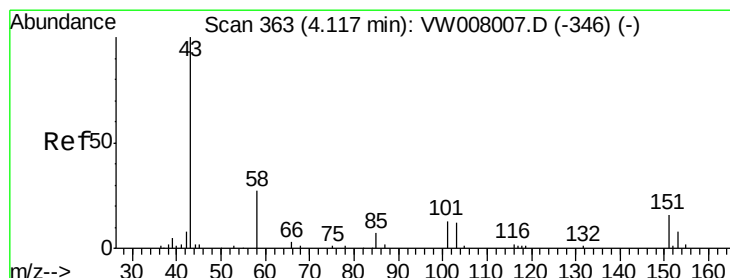
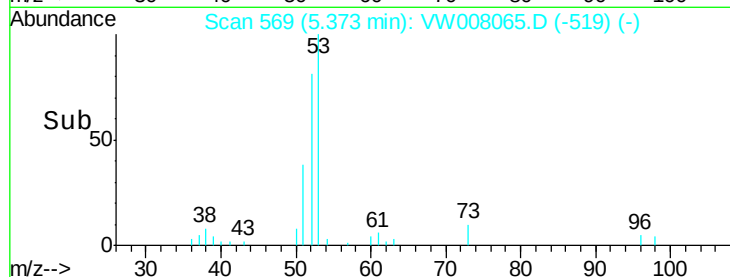
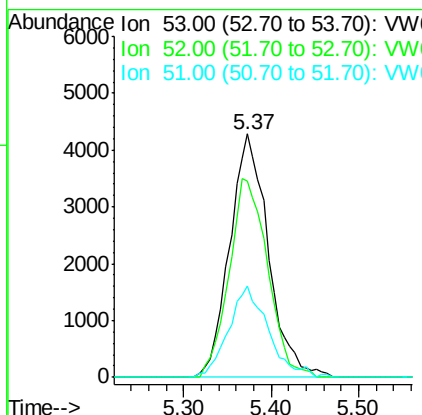
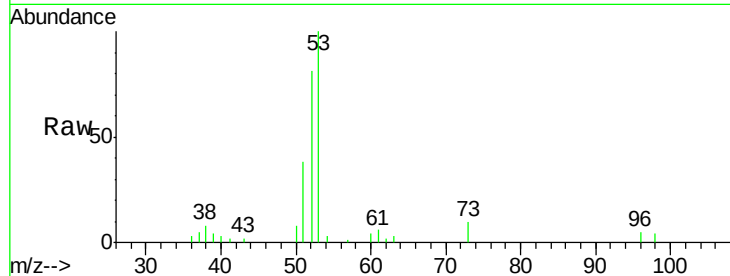
#15
Acrylonitrile
Concen: 110.408 ug/l
RT: 5.37 min Scan# 569
Delta R.T. 0.01 min
Lab File: VW008065.D
Acq: 07 Jan 2019 13:15

Instrument :
MSVOA_W
ClientSampleId :
VW0107SBS01

Tot Ion	Ratio	Lower	Upper
53	100		
52	81.7	67.8	101.8
51	38.4	31.5	47.3

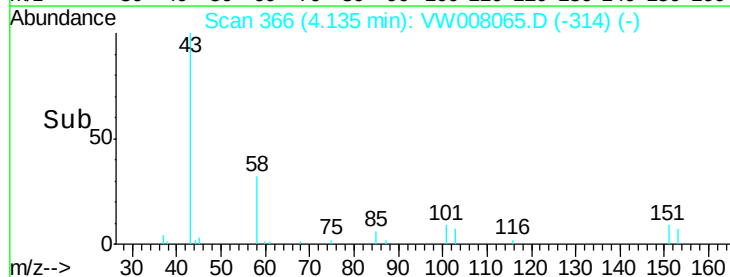
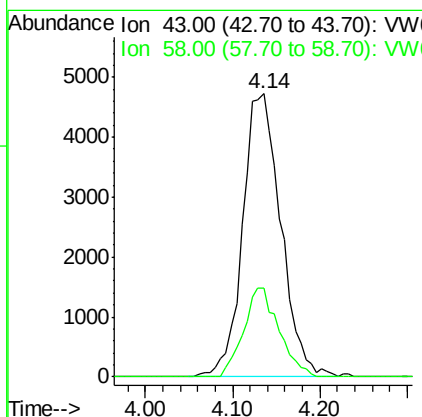
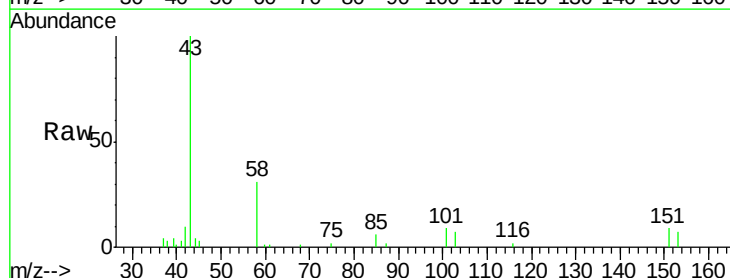
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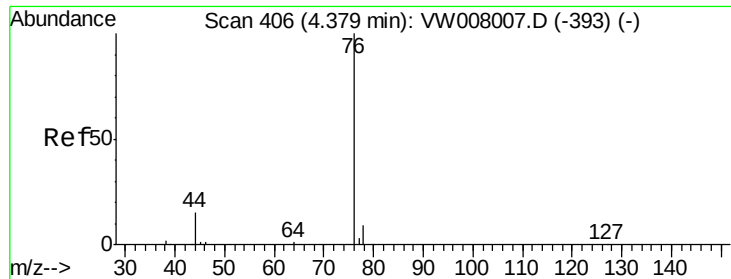
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#16
Acetone
Concen: 117.242 ug/l
RT: 4.14 min Scan# 366
Delta R.T. 0.02 min
Lab File: VW008065.D
Acq: 07 Jan 2019 13:15

Tgt Ion	Ratio	Lower	Upper
43	100		
58	31.4	21.7	32.5





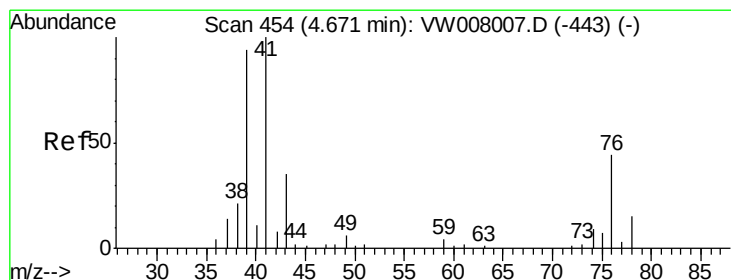
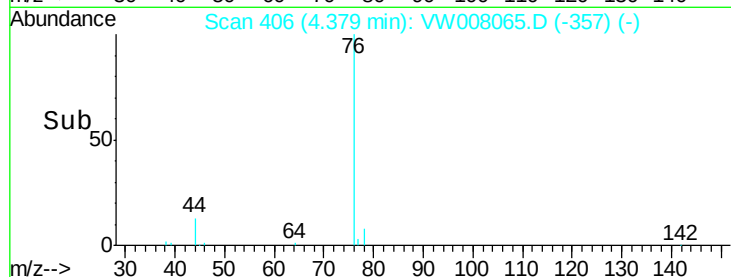
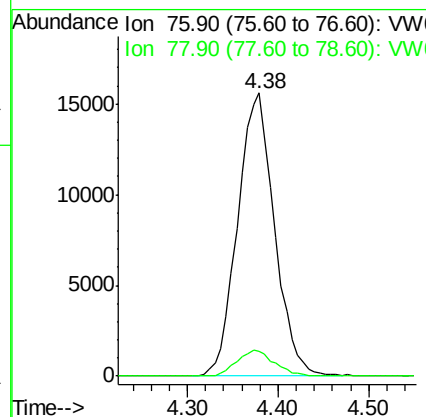
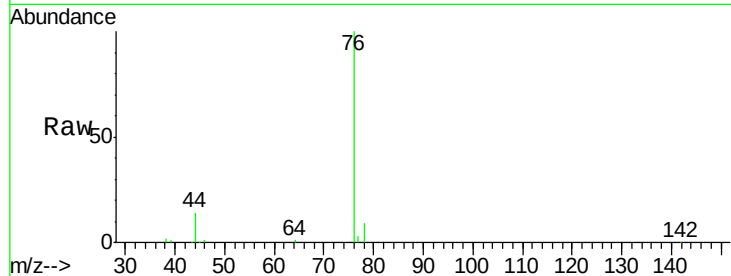
#17
Carbon Disulfide
Concen: 20.113 ug/l
RT: 4.38 min Scan# 406
Delta R.T. 0.00 min
Lab File: VW008065.D
Acq: 07 Jan 2019 13:15

Instrument :
MSVOA_W
ClientSampleId :
VW0107SBSD01

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.7	7.0	10.4

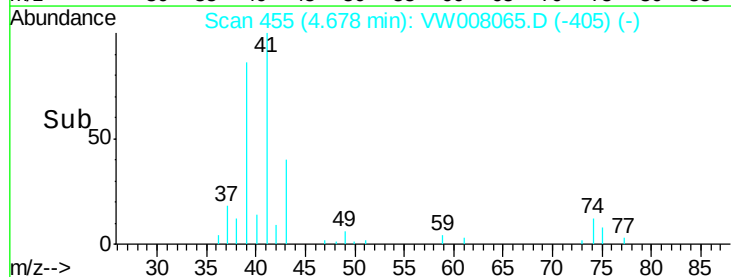
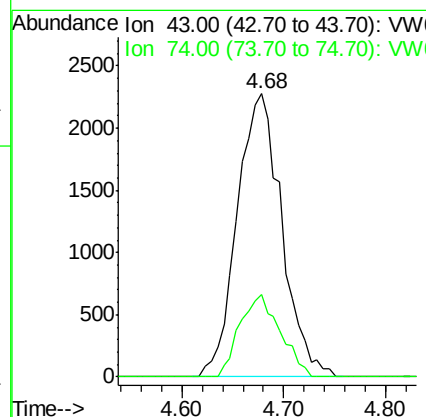
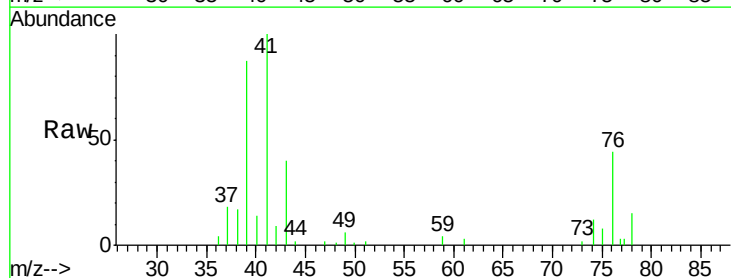
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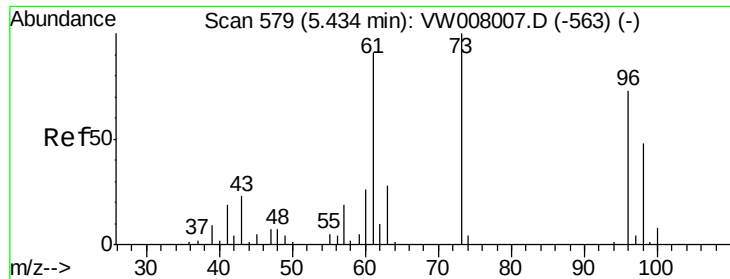
MMDadoda
1/8/2019 11:53:38 AM



#18
Methyl Acetate
Concen: 21.769 ug/l
RT: 4.68 min Scan# 455
Delta R.T. 0.01 min
Lab File: VW008065.D
Acq: 07 Jan 2019 13:15

Tgt Ion	Ratio	Lower	Upper
43	100		
74	26.3	21.4	32.2





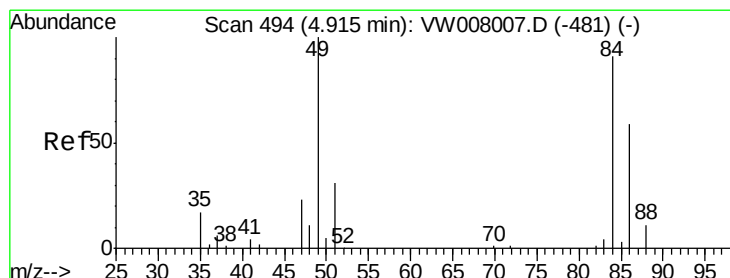
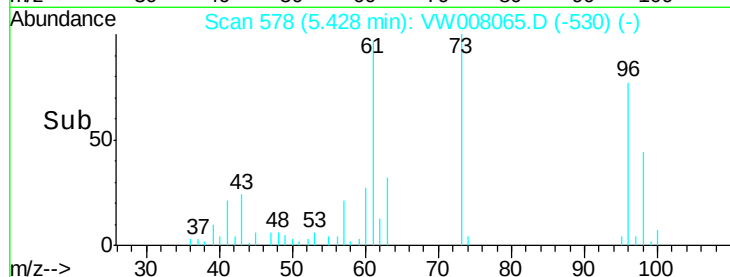
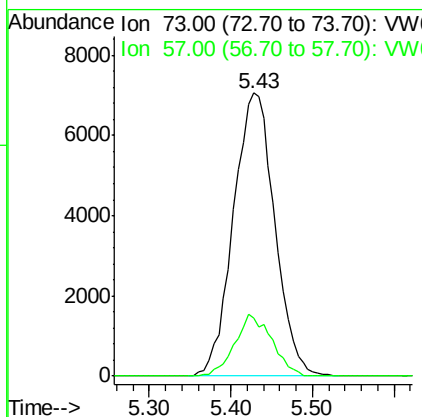
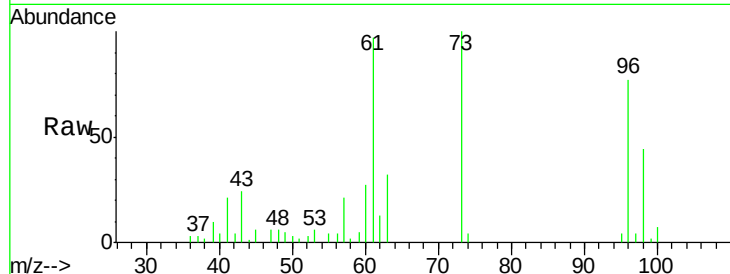
#19
Methyl tert-butyl Ether
Concen: 22.035 ug/l
RT: 5.43 min Scan# 578
Delta R.T. -0.01 min
Lab File: VW008065.D
Acq: 07 Jan 2019 13:15

Instrument :
MSVOA_W
ClientSampleId :
VW0107SBS01

Tot Ion: 73 Resp: 24828
Ion Ratio Lower Upper
73 100
57 20.7 15.4 23.0

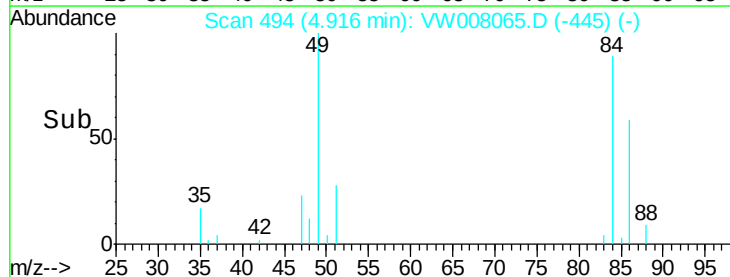
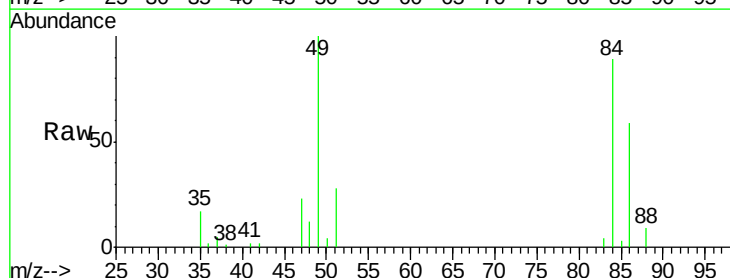
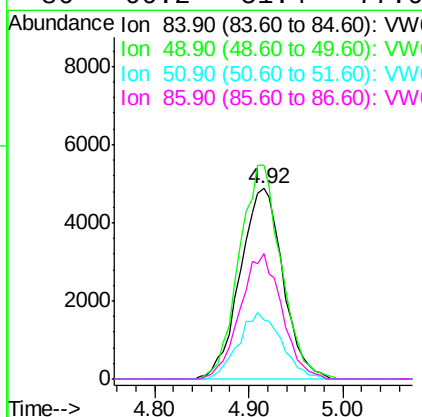
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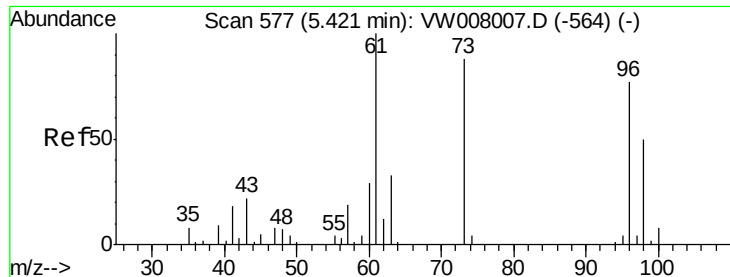
MMDadoda
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#20
Methylene Chloride
Concen: 19.188 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW008065.D
Acq: 07 Jan 2019 13:15

Tgt Ion: 84 Resp: 15551
Ion Ratio Lower Upper
84 100
49 112.1 87.7 131.5
51 30.9 27.3 40.9
86 66.2 51.4 77.0





#21

trans-1,2-Dichloroethene

Concen: 20.732 ug/l

RT: 5.42 min Scan# 577

Delta R.T. 0.00 min

Lab File: VW008065.D

Acq: 07 Jan 2019 13:15

Instrument :

MSVOA_W

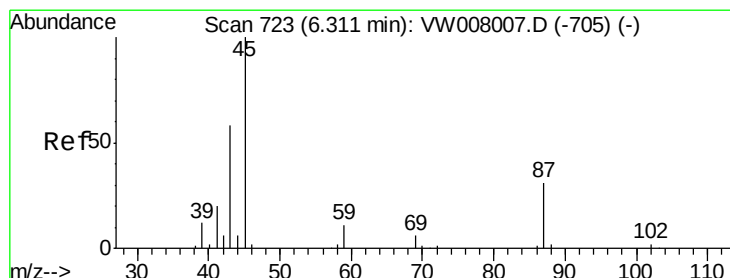
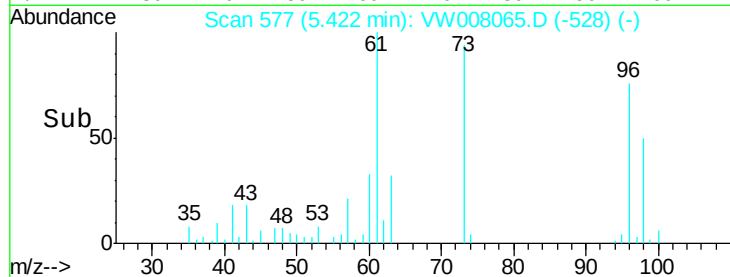
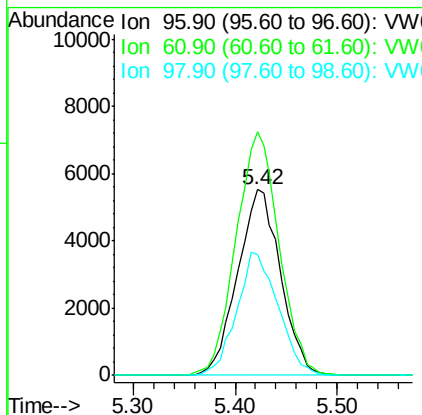
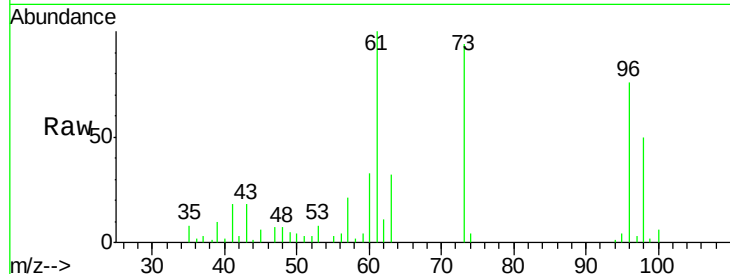
ClientSampleId :

VW0107SBS01

Tot Ion:	96	Resp:	16150
Ion	Ratio	Lower	Upper
96	100		
61	131.2	104.2	156.2
98	65.1	51.8	77.6

Manual Integrations
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#22

Diisopropyl ether

Concen: 21.744 ug/l

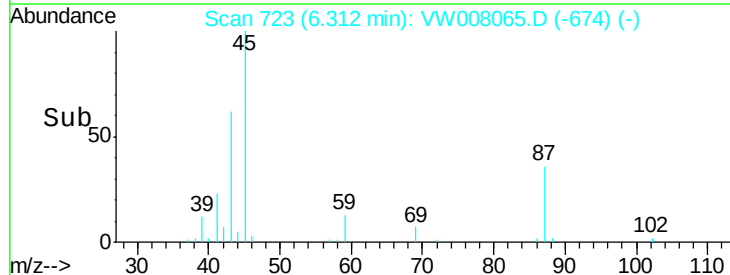
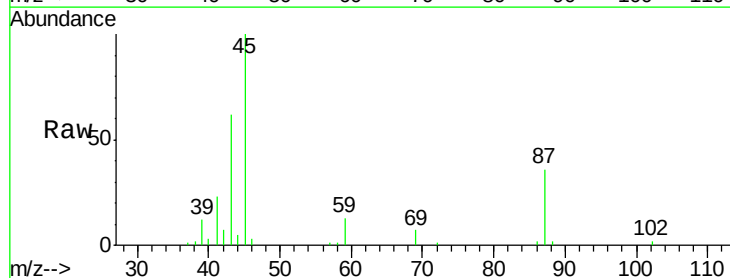
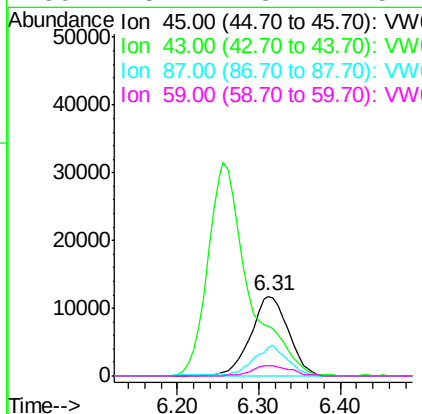
RT: 6.31 min Scan# 723

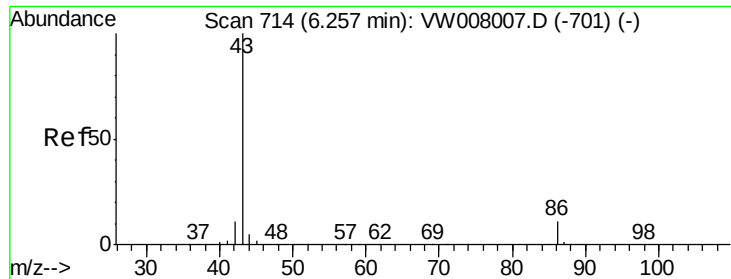
Delta R.T. 0.00 min

Lab File: VW008065.D

Acq: 07 Jan 2019 13:15

Tgt Ion:	45	Resp:	37857
Ion	Ratio	Lower	Upper
45	100		
43	61.6	48.1	72.1
87	35.7	25.8	38.8
59	13.1	8.7	13.1#





#23

Vinyl Acetate

Concen: 111.618 ug/l

RT: 6.26 min Scan# 714

Delta R.T. 0.00 min

Lab File: VW008065.D

Acq: 07 Jan 2019 13:15

Instrument :

MSVOA_W

ClientSampled :

VW0107SBSD01

Tot Ion: 43 Resp: 108727

Ion Ratio Lower Upper

43 100

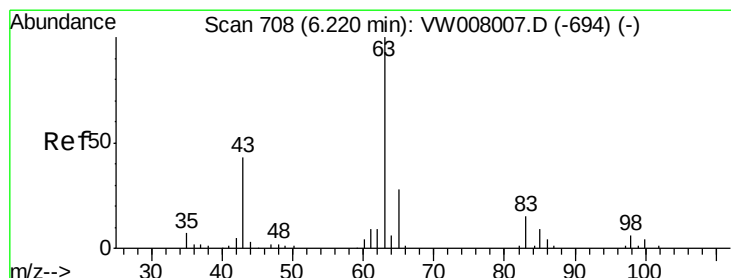
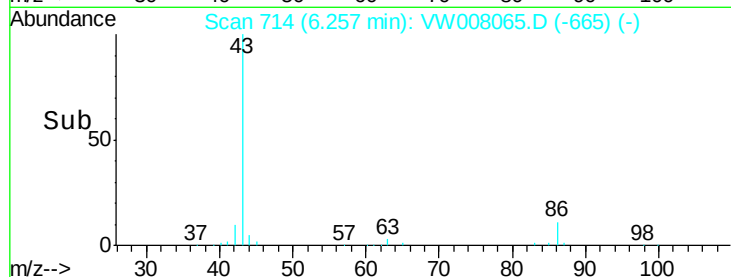
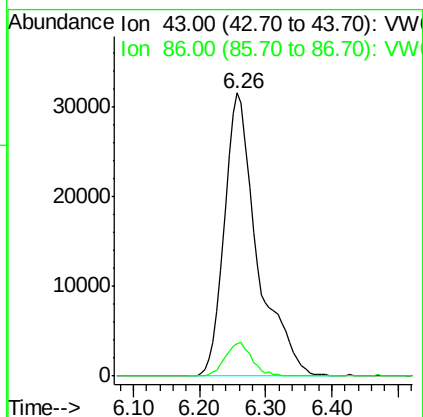
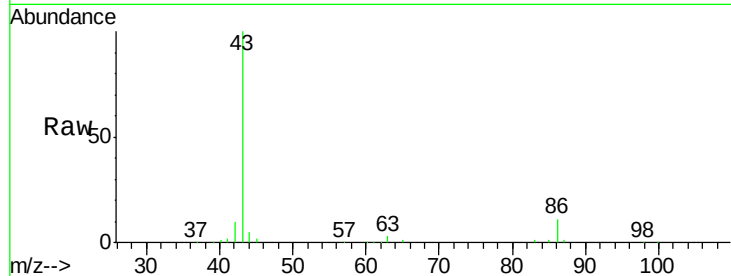
86 11.4 8.8 13.2

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 20.827 ug/l

RT: 6.22 min Scan# 708

Delta R.T. 0.00 min

Lab File: VW008065.D

Acq: 07 Jan 2019 13:15

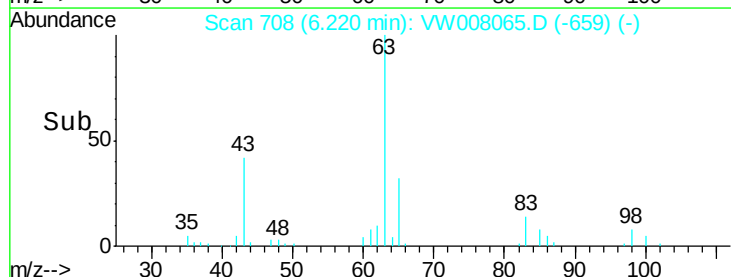
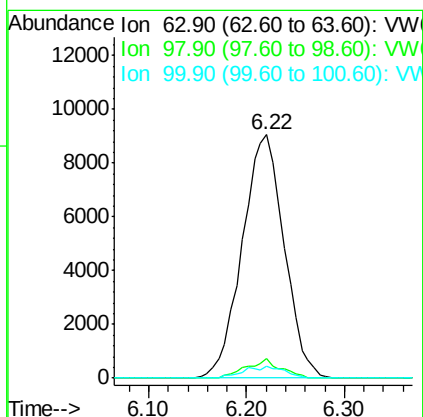
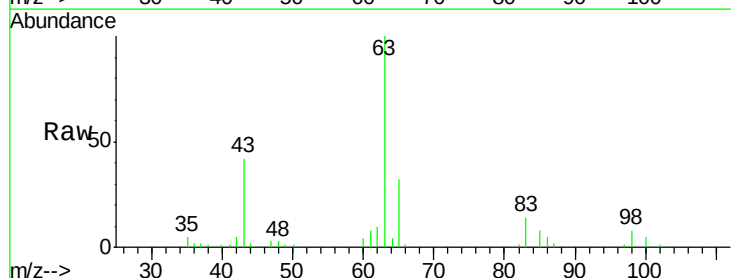
Tgt Ion: 63 Resp: 26941

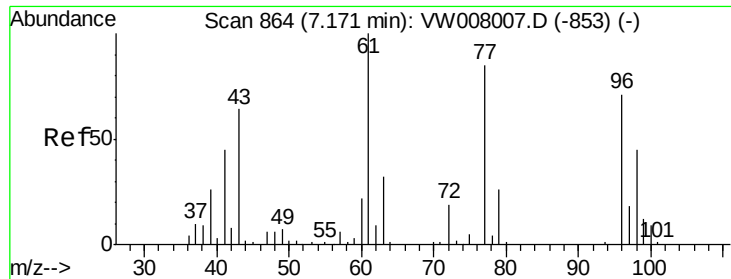
Ion Ratio Lower Upper

63 100

98 8.2 3.2 9.6

100 5.1 2.1 6.2





#25

2-Butanone

Concen: 113.766 ug/l

RT: 7.18 min Scan# 865

Delta R.T. 0.01 min

Lab File: VW008065.D

Acq: 07 Jan 2019 13:15

Instrument :

MSVOA_W

ClientSampleId :

VW0107SBSD01

Tot Ion: 43 Resp: 16366

Ion Ratio Lower Upper

43 100

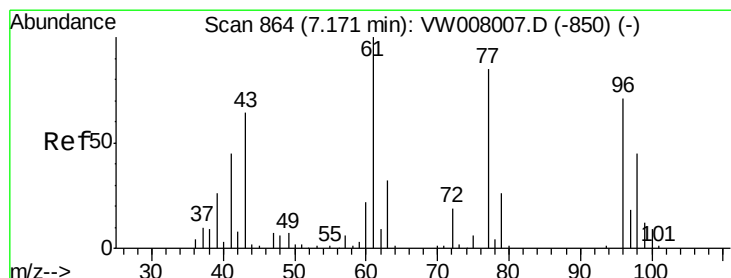
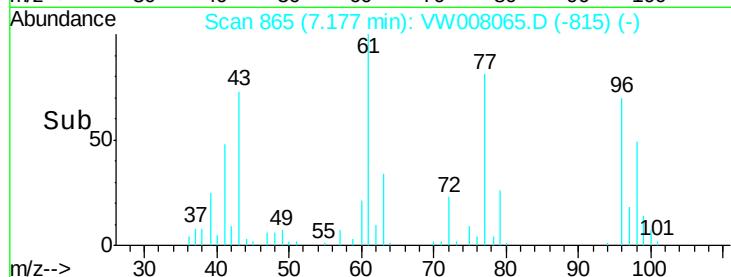
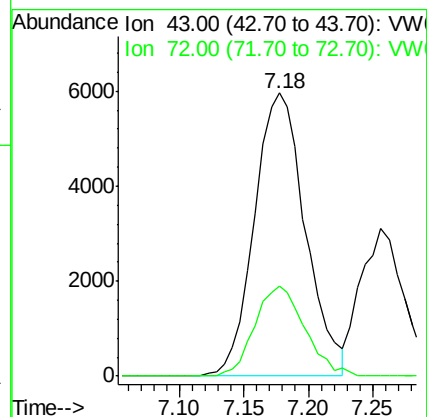
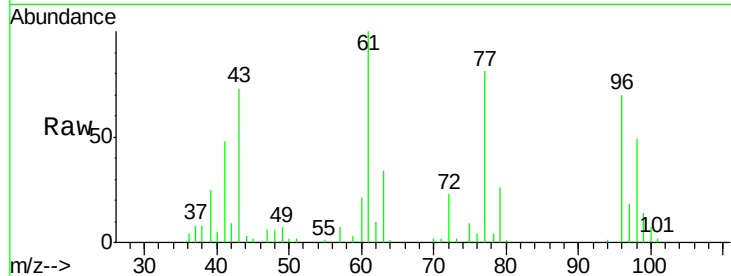
72 31.7 23.8 35.8

Manual Integrations

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MMDadoda

1/8/2019 11:53:38 AM



#26

2,2-Dichloropropane

Concen: 21.148 ug/l

RT: 7.17 min Scan# 863

Delta R.T. -0.01 min

Lab File: VW008065.D

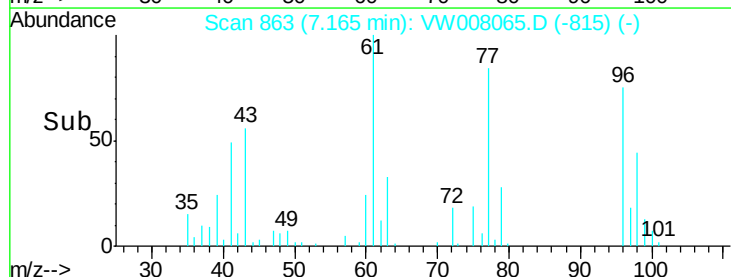
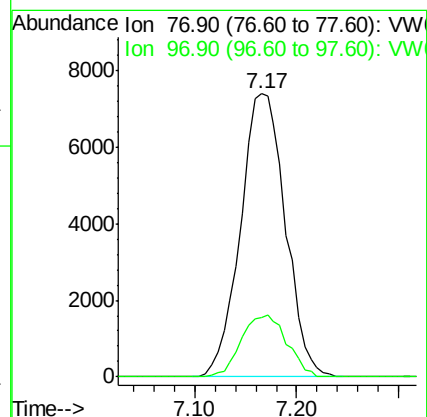
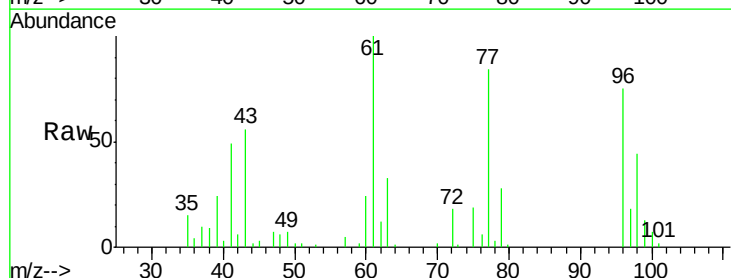
Acq: 07 Jan 2019 13:15

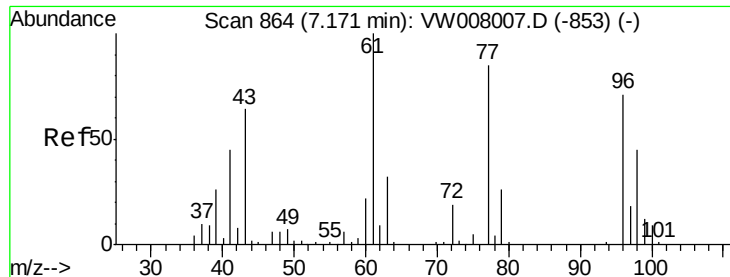
Tgt Ion: 77 Resp: 22539

Ion Ratio Lower Upper

77 100

97 22.2 11.0 33.0





#27

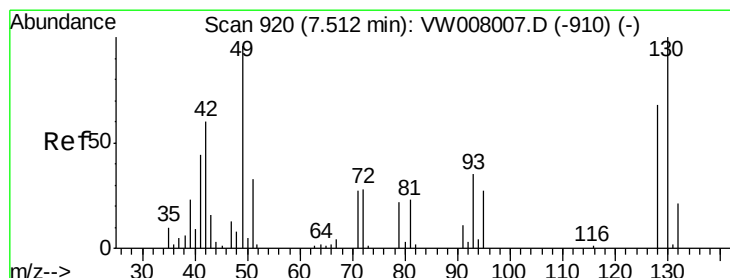
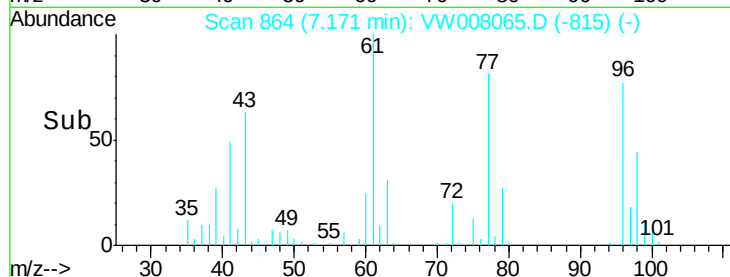
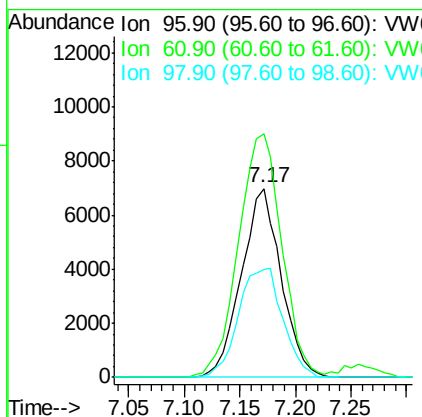
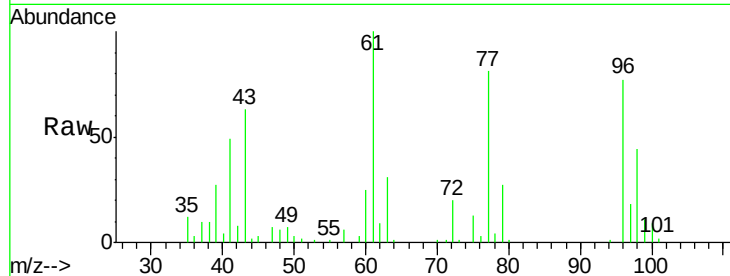
cis-1,2-Dichloroethene
Concen: 20.893 ug/l
RT: 7.17 min Scan# 864
Delta R.T. 0.00 min
Lab File: VW008065.D
Acq: 07 Jan 2019 13:15

Instrument :
MSVOA_W
ClientSampleId :
VW0107SBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	140.5	0.0	286.4
98	64.4	0.0	130.6

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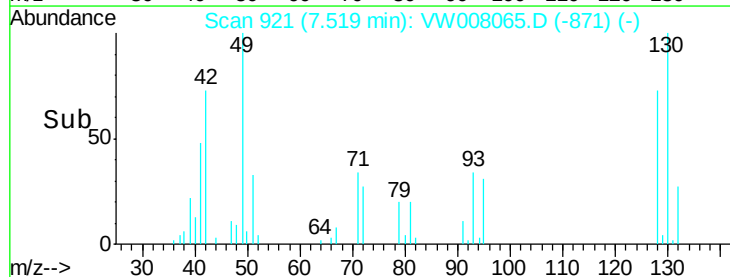
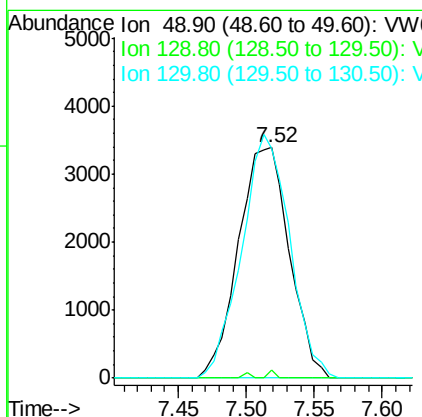
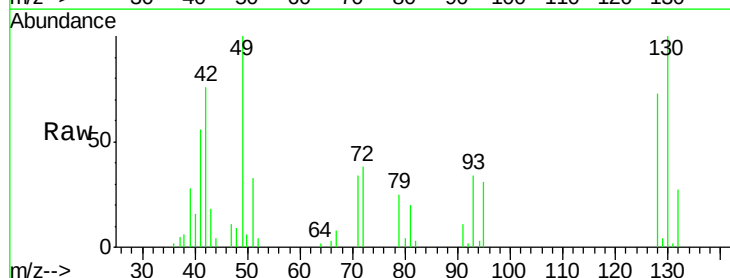
MMDadoda
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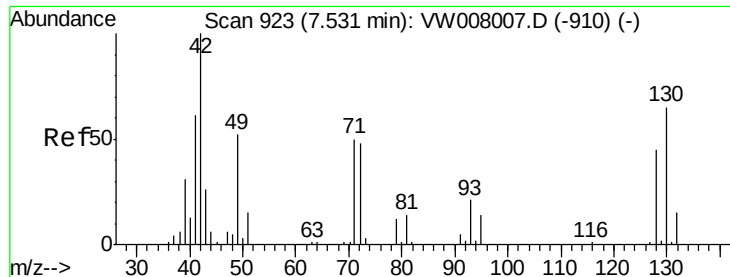


#28

Bromochloromethane
Concen: 21.377 ug/l
RT: 7.52 min Scan# 921
Delta R.T. 0.01 min
Lab File: VW008065.D
Acq: 07 Jan 2019 13:15

Tgt Ion	Ratio	Lower	Upper
49	100		
129	0.5	0.0	0.8
130	99.5	78.5	117.7





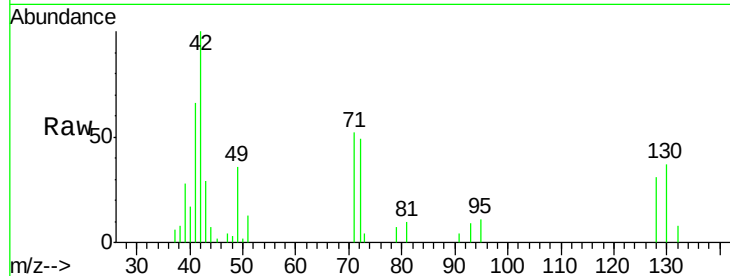
#29
Tetrahydrofuran
Concen: 106.539 ug/l
RT: 7.54 min Scan# 924
Delta R.T. 0.01 min
Lab File: VW008065.D
Acq: 07 Jan 2019 13:15

Instrument :
MSVOA_W
ClientSampleId :
VW0107SBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	49.9	39.0	58.6
71	48.9	39.1	58.7

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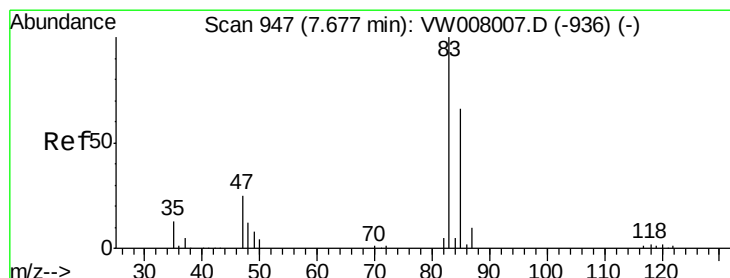
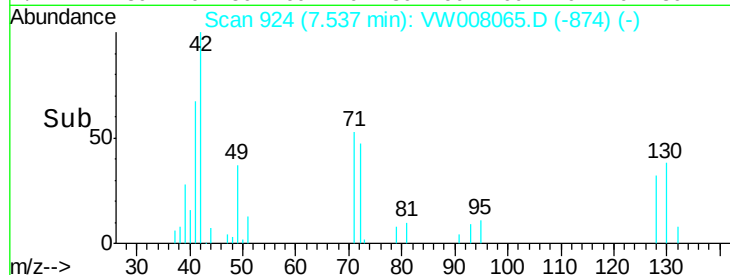
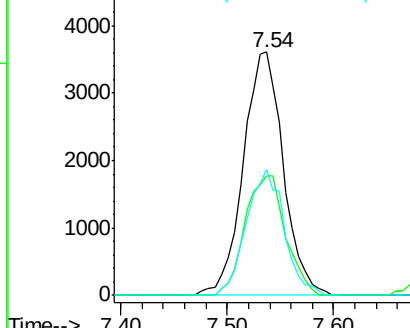


Abundance

Ion 42.00 (41.70 to 42.70): VW

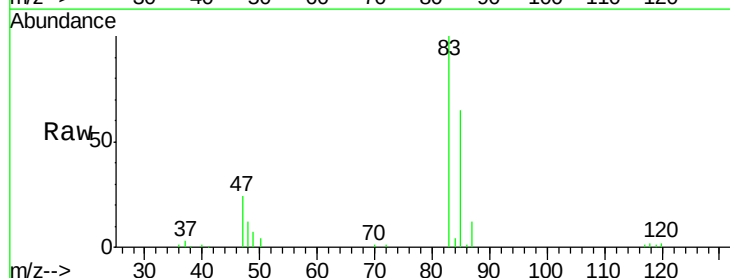
Ion 72.00 (71.70 to 72.70): VW

Ion 71.00 (70.70 to 71.70): VW



#30
Chloroform
Concen: 20.705 ug/l
RT: 7.68 min Scan# 947
Delta R.T. 0.00 min
Lab File: VW008065.D
Acq: 07 Jan 2019 13:15

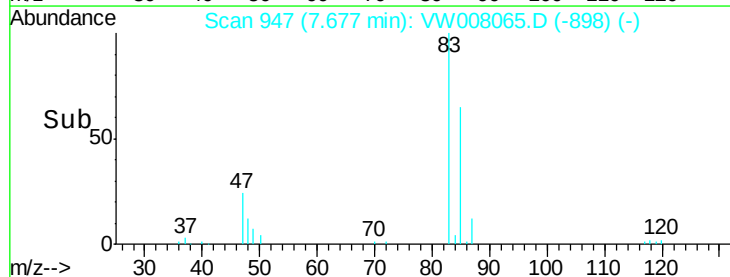
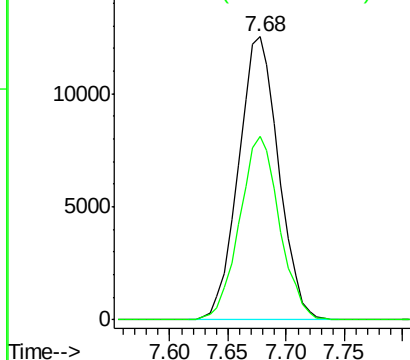
Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.9	52.7	79.1

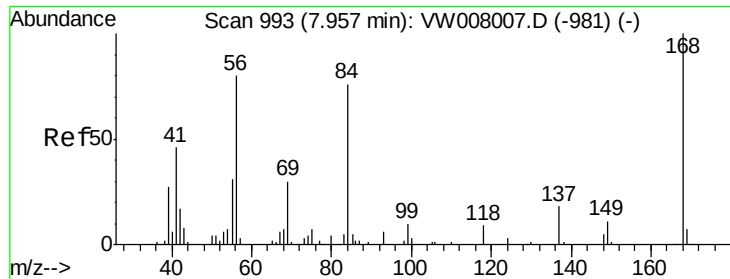


Abundance

Ion 82.90 (82.60 to 83.60): VW

Ion 84.90 (84.60 to 85.60): VW





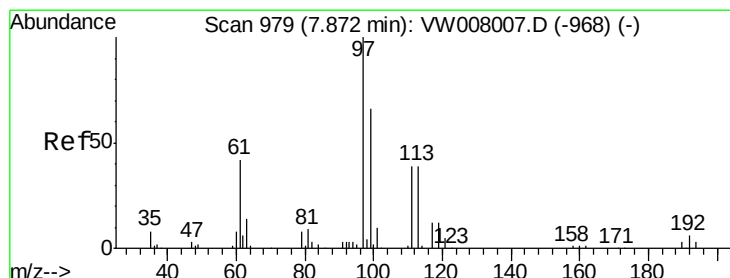
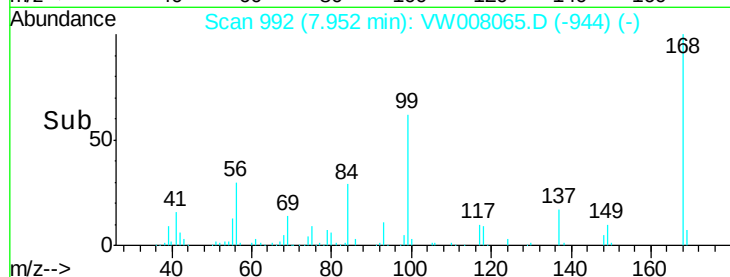
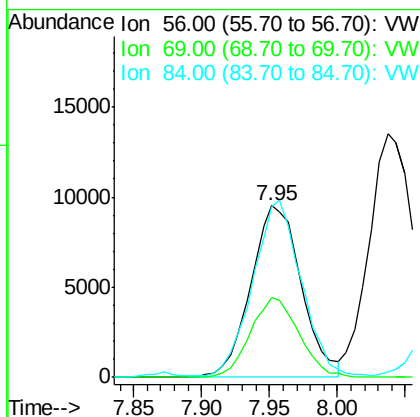
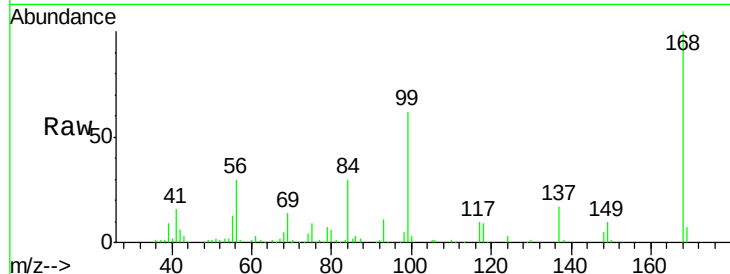
#31
Cyclohexane
Concen: 20.527 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.01 min
Lab File: VW008065.D
Acq: 07 Jan 2019 13:15

Instrument :
MSVOA_W
ClientSampled :
VW0107SBS01

Tot Ion	56	Resp	24749
Ion Ratio	100	Lower	Upper
56	100		
69	46.7	29.8	44.6#
84	98.4	75.2	112.8

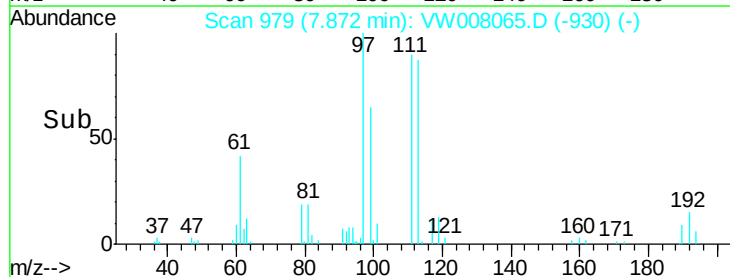
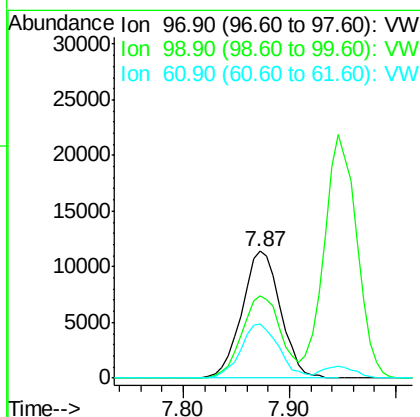
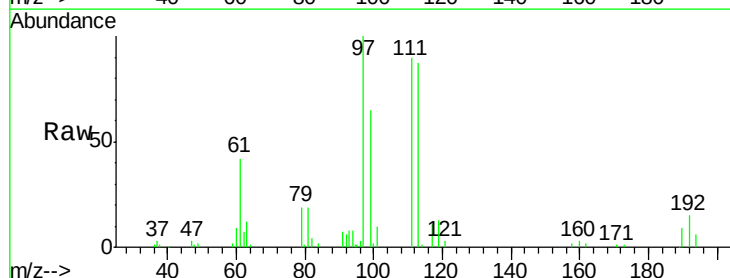
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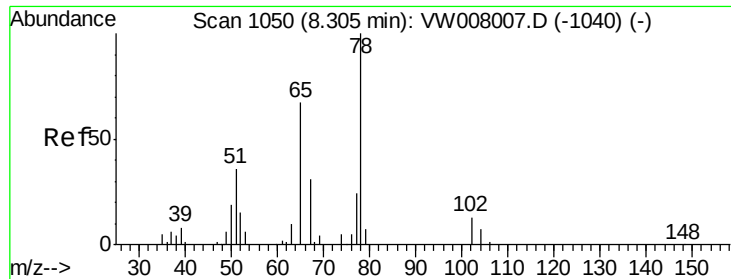
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#32
1,1,1-Trichloroethane
Concen: 20.890 ug/l
RT: 7.87 min Scan# 979
Delta R.T. 0.00 min
Lab File: VW008065.D
Acq: 07 Jan 2019 13:15

Tgt Ion	97	Resp	28979
Ion Ratio	100	Lower	Upper
97	100		
99	66.1	51.5	77.3
61	42.1	33.4	50.0





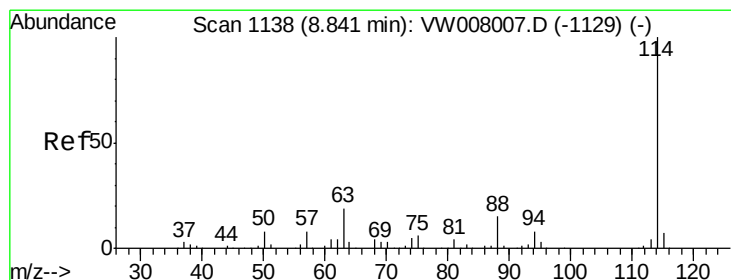
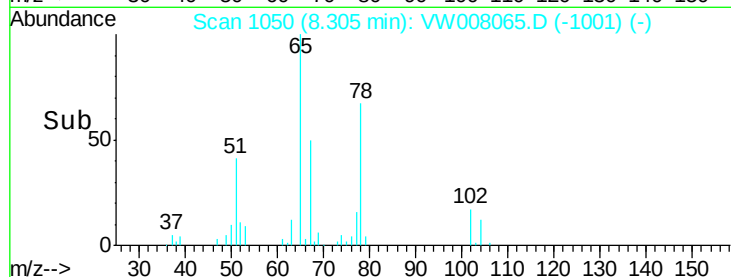
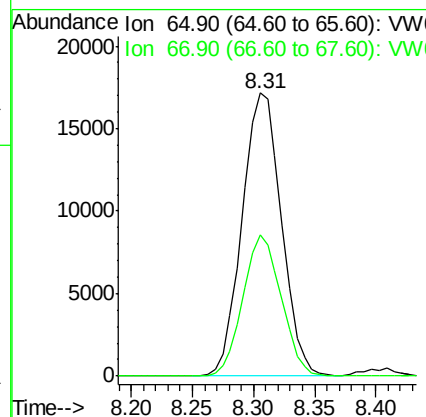
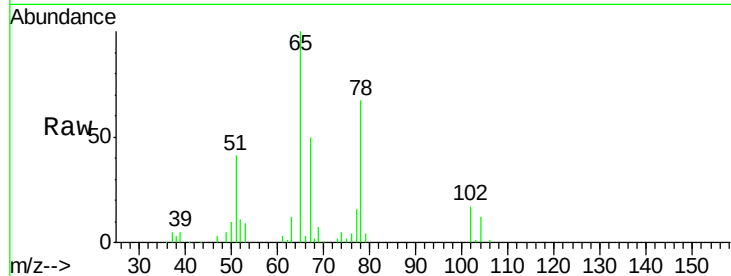
#33
 1,2-Dichloroethane-d4
 Concen: 48.633 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VW008065.D
 Acq: 07 Jan 2019 13:15

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0107SBSD01

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	48.3	0.0	94.8	

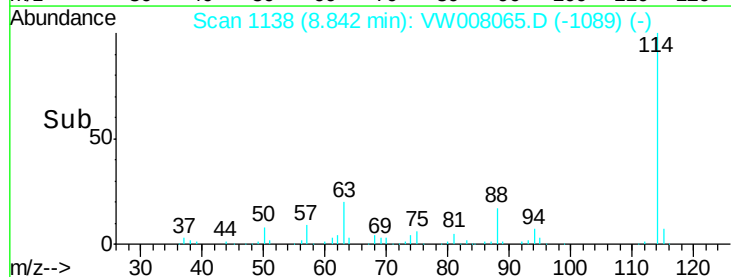
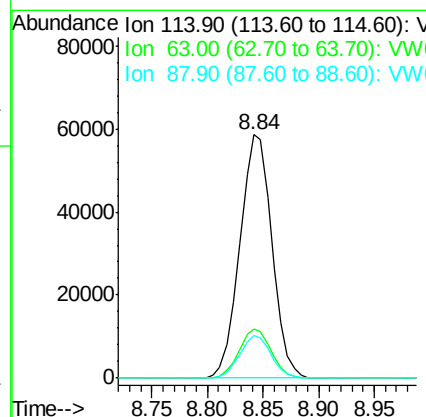
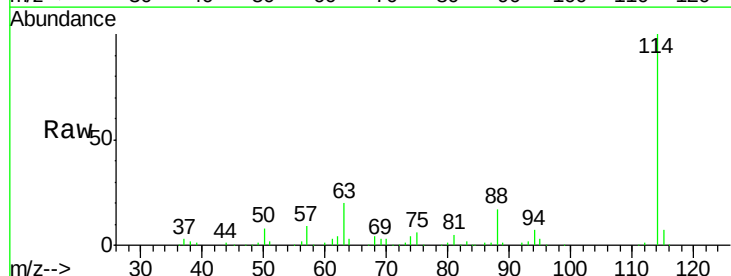
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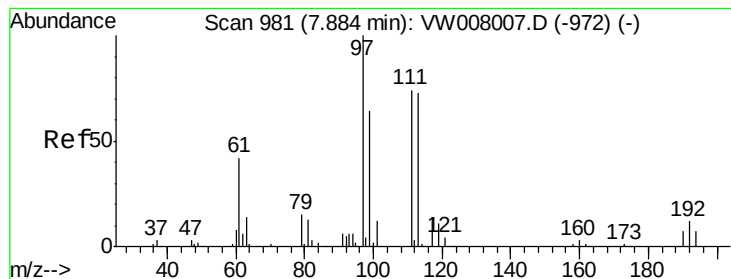
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW008065.D
 Acq: 07 Jan 2019 13:15

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	20.0	0.0	37.8	
88	17.3	0.0	31.0	





#35

Dibromofluoromethane

Concen: 46.007 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.00 min

Lab File: VW008065.D

Acq: 07 Jan 2019 13:15

Instrument :

MSVOA_W

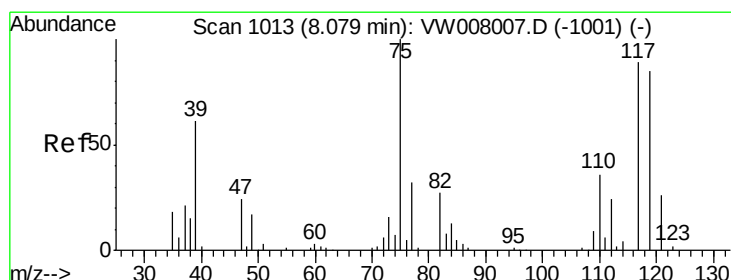
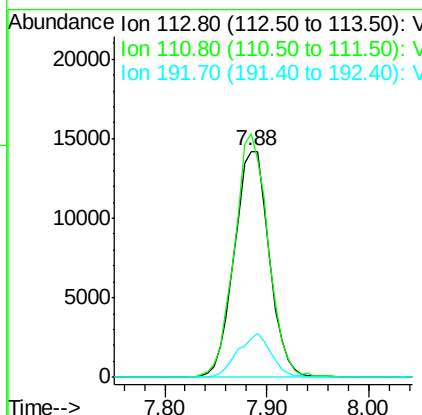
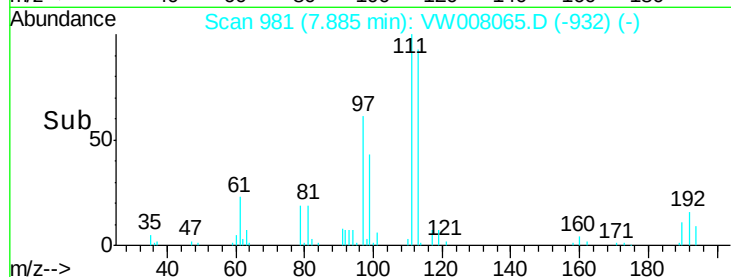
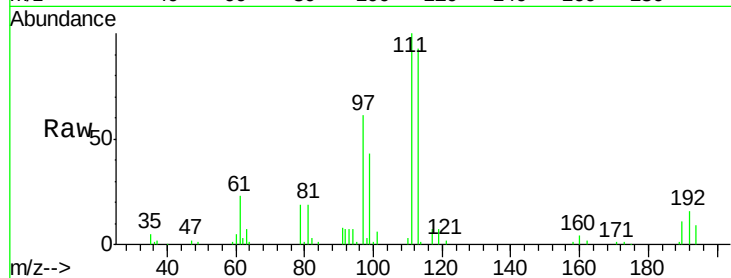
ClientSampled :

VW0107SBSD01

Tot Ion:	113	Resp:	33855
Ion Ratio	Lower	Upper	
113	100		
111	104.2	81.4	122.0
192	18.5	14.8	22.2

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#36

1,1-Dichloropropene

Concen: 20.799 ug/l

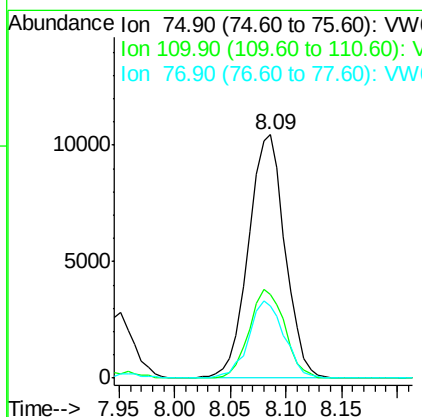
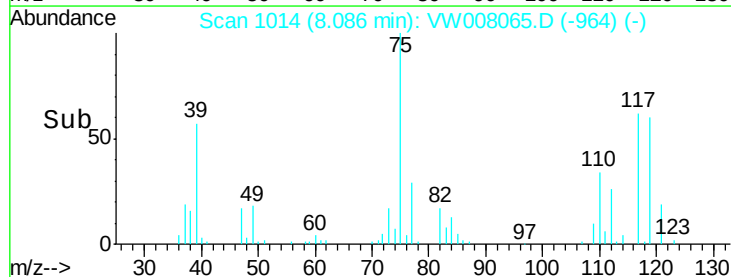
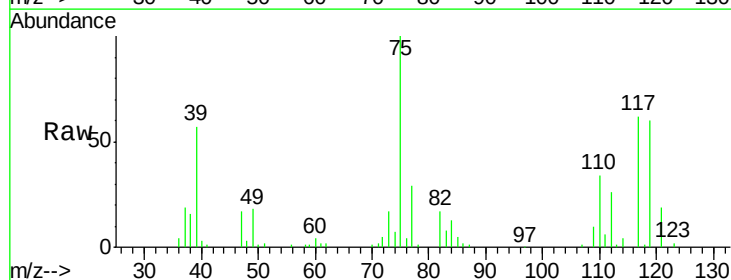
RT: 8.09 min Scan# 1014

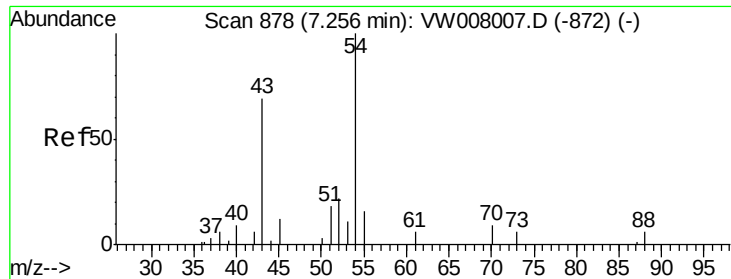
Delta R.T. 0.01 min

Lab File: VW008065.D

Acq: 07 Jan 2019 13:15

Tgt Ion:	75	Resp:	23950
Ion Ratio	Lower	Upper	
75	100		
110	35.3	18.1	54.3
77	30.9	25.3	37.9





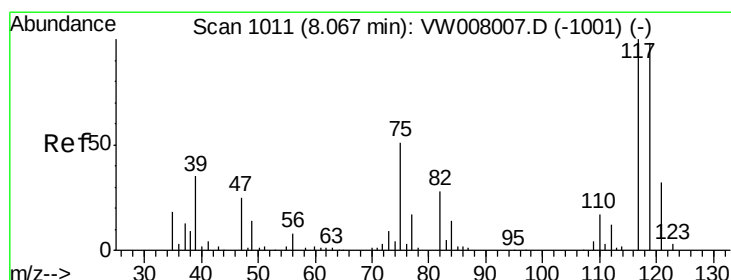
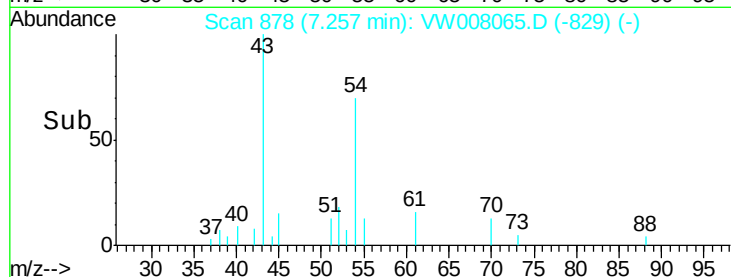
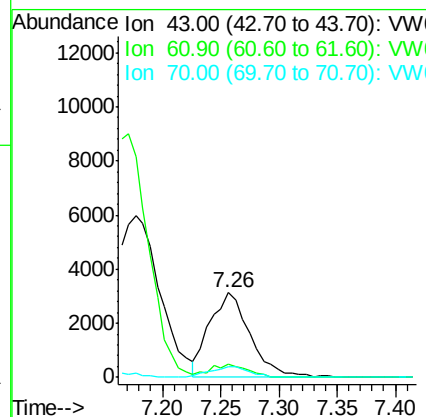
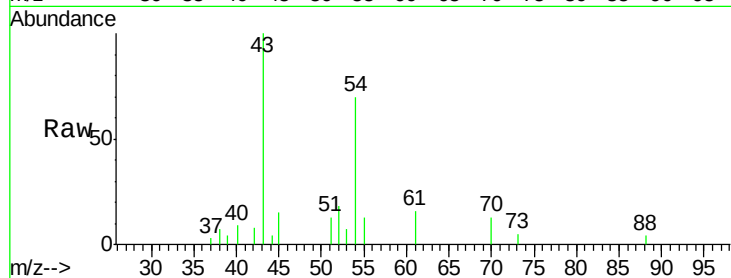
#37
Ethyl Acetate
Concen: 21.802 ug/l
RT: 7.26 min Scan# 878
Delta R.T. 0.00 min
Lab File: VW008065.D
Acq: 07 Jan 2019 13:15

Instrument :
MSVOA_W
ClientSampled :
VW0107SBS01

Tot Ion: 43 Resp: 7541
Ion Ratio Lower Upper
43 100
61 14.1 11.4 17.2
70 11.8 9.4 14.0

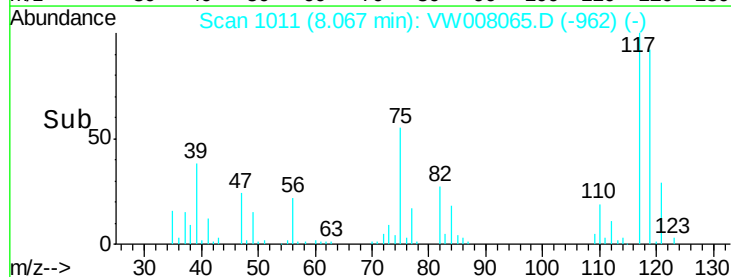
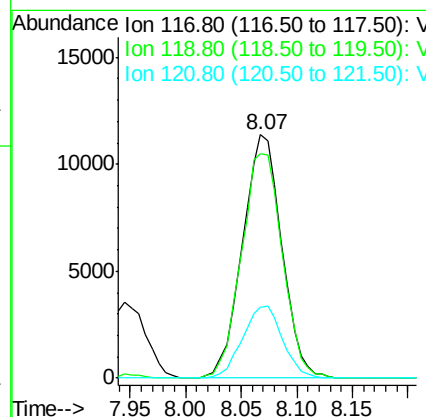
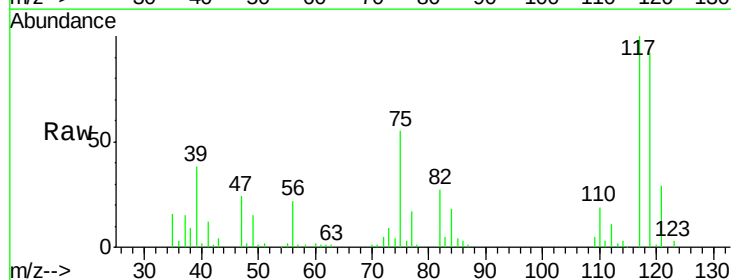
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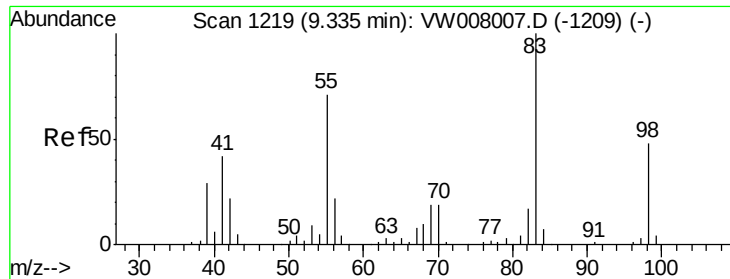
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#38
Carbon Tetrachloride
Concen: 20.211 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. 0.00 min
Lab File: VW008065.D
Acq: 07 Jan 2019 13:15

Tgt Ion: 117 Resp: 27891
Ion Ratio Lower Upper
117 100
119 92.2 78.7 118.1
121 28.9 25.8 38.8





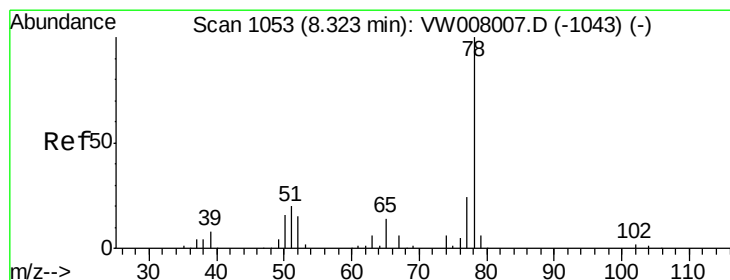
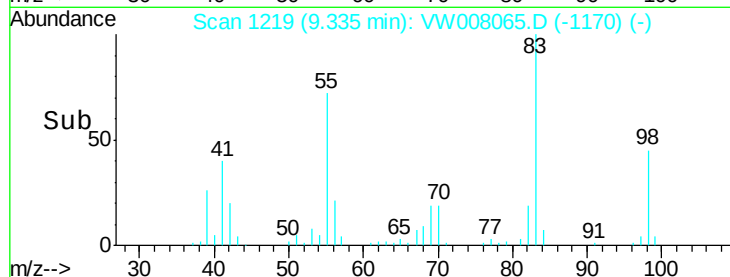
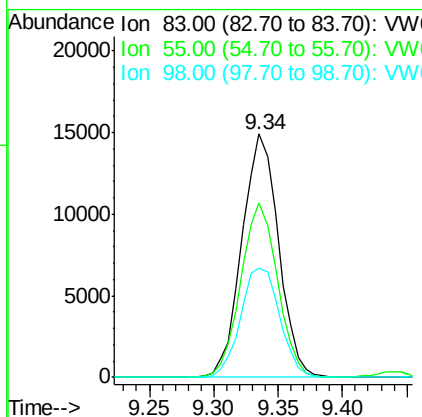
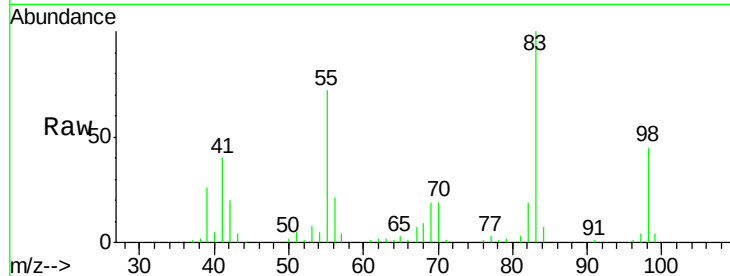
#39
Methylvlcyclohexane
Concen: 20.395 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. 0.00 min
Lab File: VW008065.D
Acq: 07 Jan 2019 13:15

Instrument :
MSVOA_W
ClientSampleId :
VW0107SBS01

Tot Ion	83	Resp	29274
Ion Ratio	100	Lower	Upper
83	100		
55	71.8	56.8	85.2
98	44.8	38.6	58.0

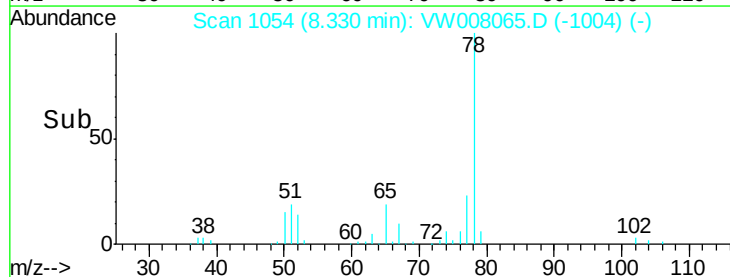
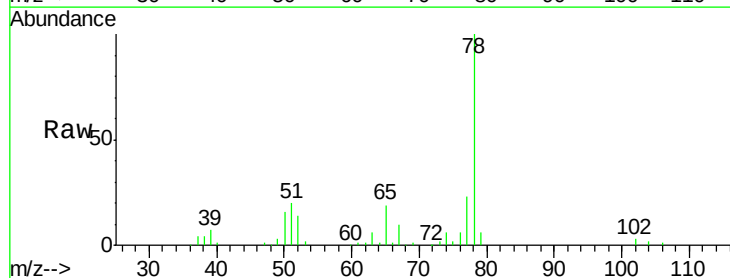
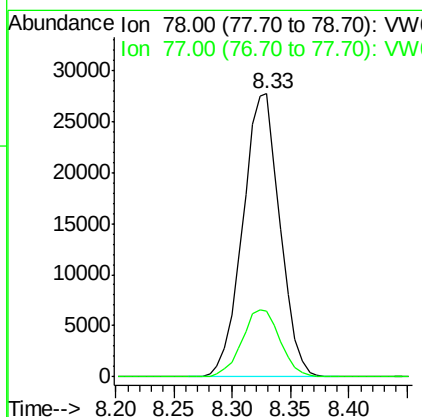
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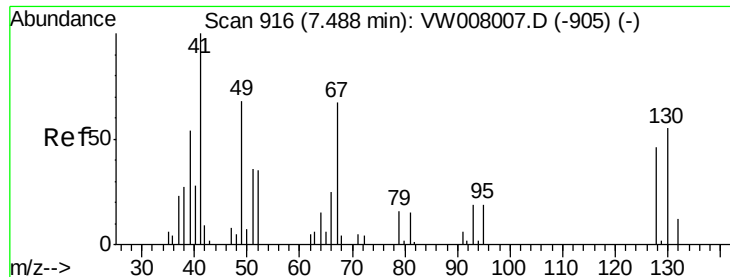
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#40
Benzene
Concen: 20.254 ug/l
RT: 8.33 min Scan# 1054
Delta R.T. 0.01 min
Lab File: VW008065.D
Acq: 07 Jan 2019 13:15

Tgt Ion	78	Resp	61527
Ion Ratio	100	Lower	Upper
78	100		
77	23.2	19.0	28.6





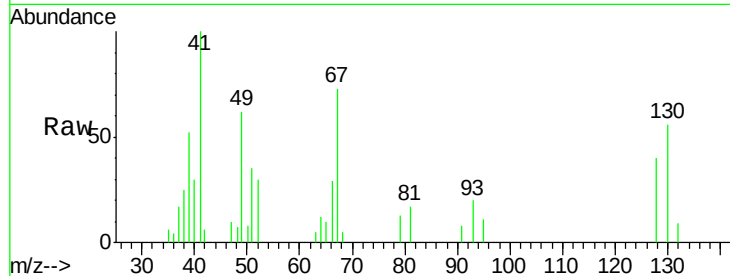
#41
Methacrylonitrile
Concen: 22.983 ug/l
RT: 7.49 min Scan# 916
Delta R.T. 0.00 min
Lab File: VW008065.D
Acq: 07 Jan 2019 13:15

Instrument :
MSVOA_W
ClientSampled :
VW0107SBS01

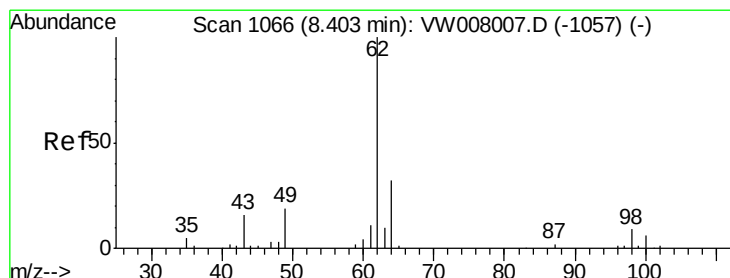
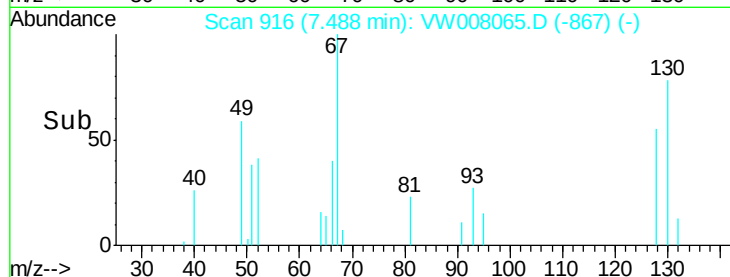
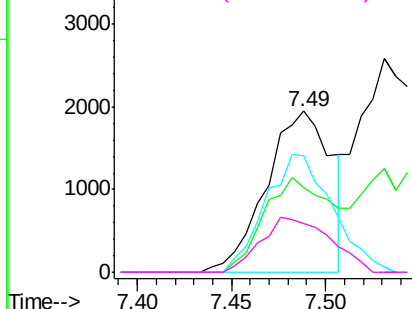
Tot Ion:	41	Resp:	4674
Ion	Ratio	Lower	Upper
41	100		
39	58.5	48.6	72.8
67	74.7	55.6	83.4
52	35.9	25.9	38.9

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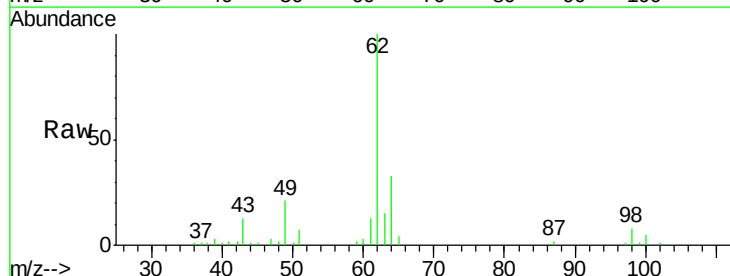


Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 39.00 (38.70 to 39.70): VW
Ion 67.00 (66.70 to 67.70): VW
Ion 52.00 (51.70 to 52.70): VW

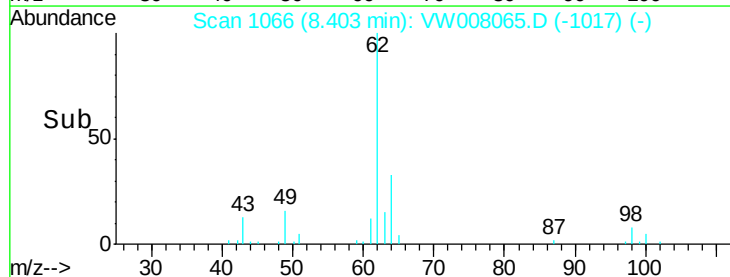
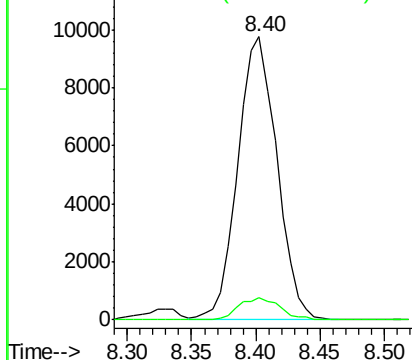


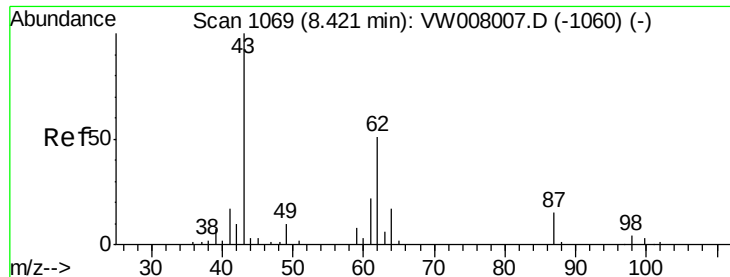
#42
1,2-Dichloroethane
Concen: 20.287 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. 0.00 min
Lab File: VW008065.D
Acq: 07 Jan 2019 13:15

Tgt Ion:	62	Resp:	20533
Ion	Ratio	Lower	Upper
62	100		
98	8.1	0.0	15.6



Abundance Ion 61.90 (61.60 to 62.60): VW
Ion 97.90 (97.60 to 98.60): VW





#43

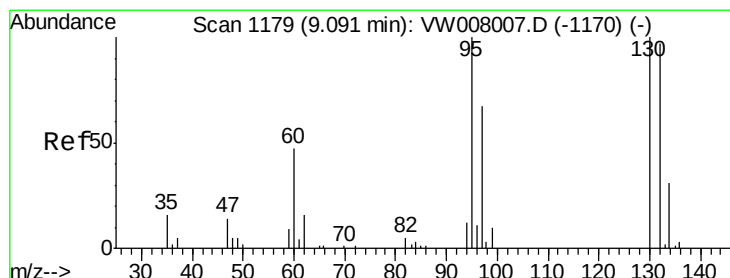
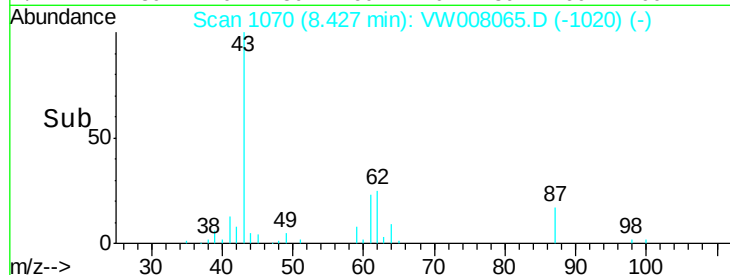
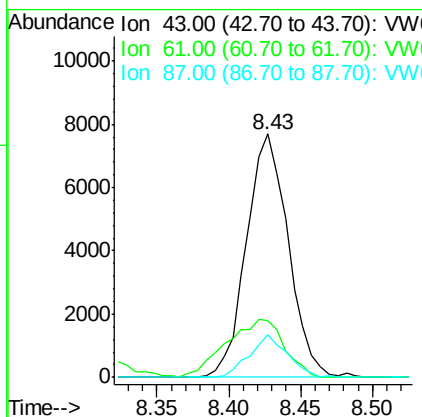
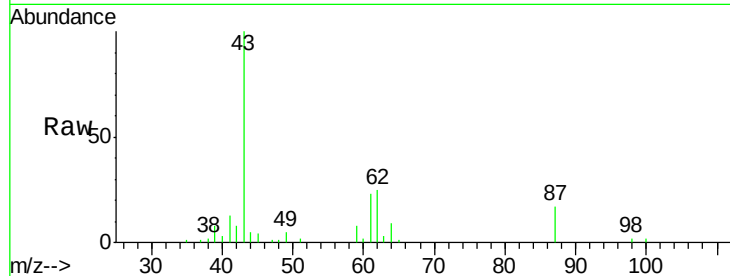
Isopropyl Acetate
 Concen: 22.328 ug/l
 RT: 8.43 min Scan# 1070
 Delta R.T. 0.01 min
 Lab File: VW008065.D
 Acq: 07 Jan 2019 13:15

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0107SBS01

Tot Ion	43	61	87
Resp	15431		
Ratio	100	33.2	15.8
Lower		26.4	12.0
Upper		39.6	18.0

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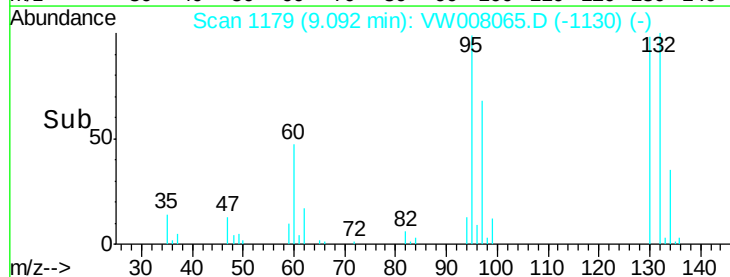
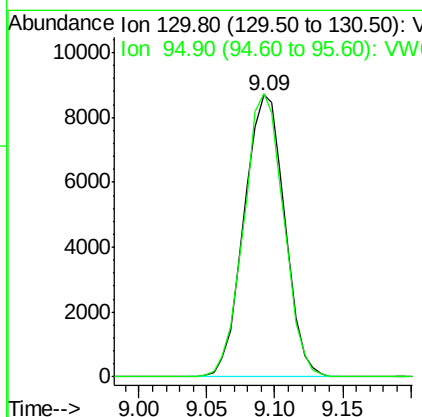
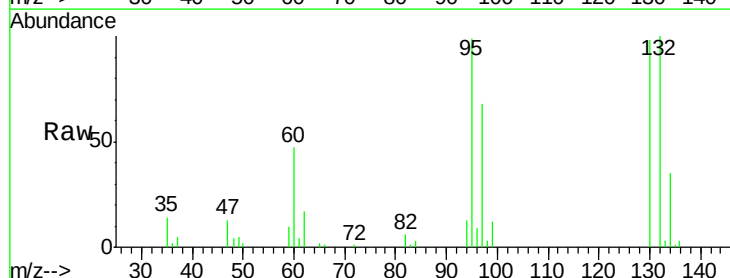
MMDadoda
 1/8/2019 11:53:38 AM

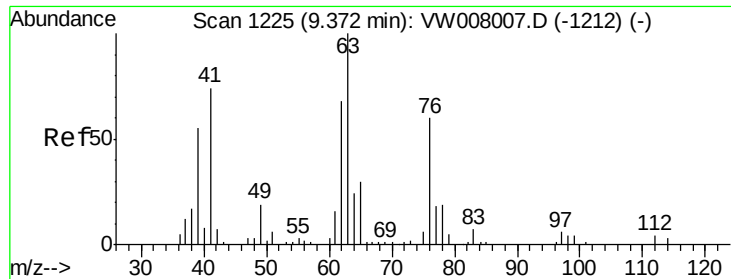


#44

Trichloroethene
 Concen: 20.258 ug/l
 RT: 9.09 min Scan# 1179
 Delta R.T. 0.00 min
 Lab File: VW008065.D
 Acq: 07 Jan 2019 13:15

Tgt Ion	130	95
Resp	18160	
Ratio	100	100.5
Lower		0.0
Upper		200.0





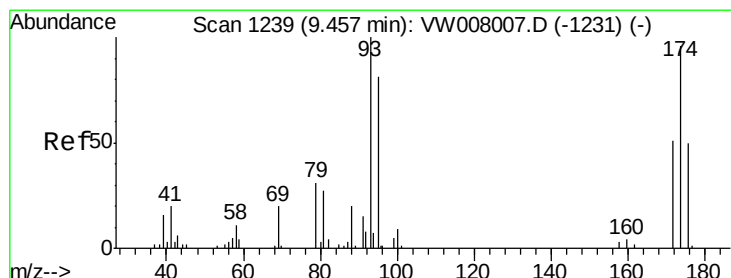
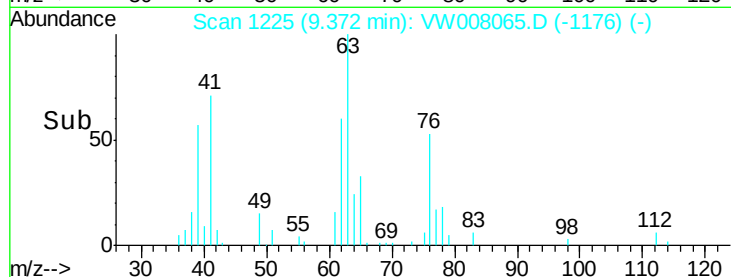
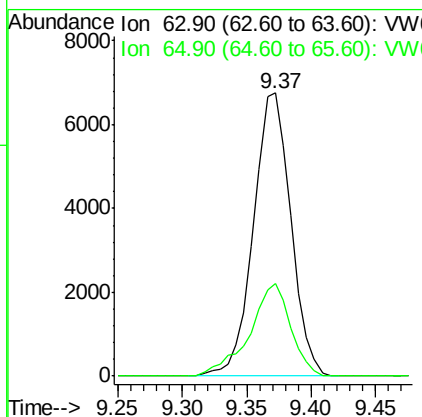
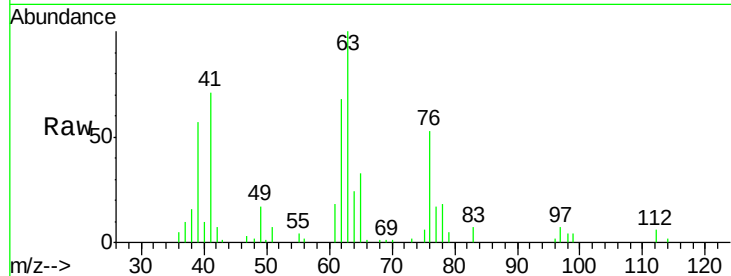
#45
 1,2-Dichloropropane
 Concen: 20.620 ug/l
 RT: 9.37 min Scan# 1225
 Delta R.T. 0.00 min
 Lab File: VW008065.D
 Acq: 07 Jan 2019 13:15

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0107SBS01

Tot Ion	63	Resp	13558
Ion Ratio	Lower	Upper	
63	100		
65	32.8	24.2	36.4

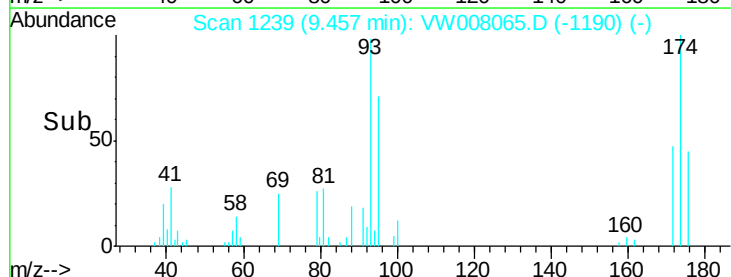
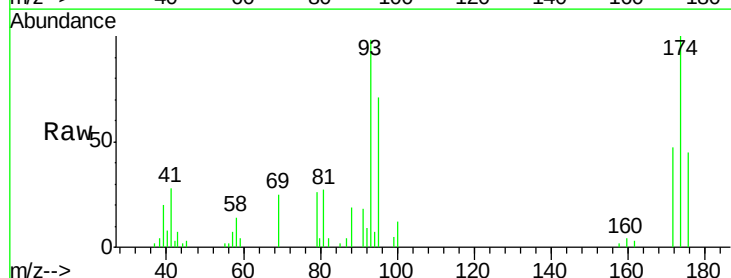
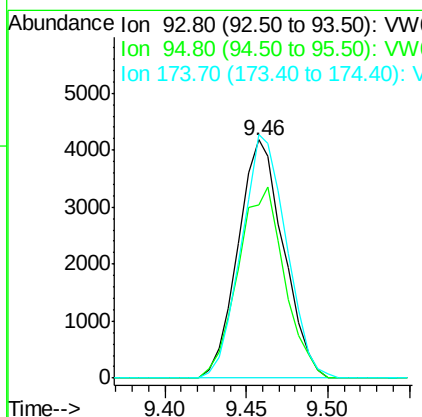
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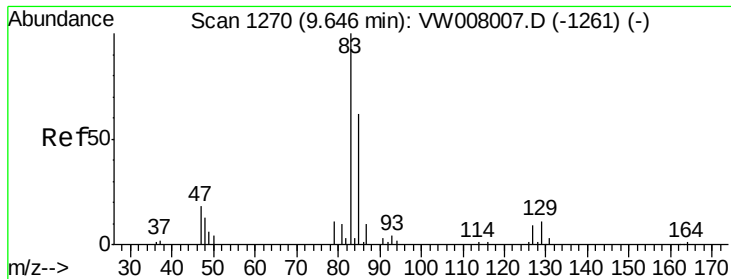
MMDadoda
 1/8/2019 11:53:38 AM



#46
 Dibromomethane
 Concen: 21.081 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. 0.00 min
 Lab File: VW008065.D
 Acq: 07 Jan 2019 13:15

Tgt Ion	93	Resp	8104
Ion Ratio	Lower	Upper	
93	100		
95	81.7	63.9	95.9
174	101.0	79.0	118.6





#47

Bromodichloromethane

Concen: 20.833 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. 0.00 min

Lab File: VW008065.D

Acq: 07 Jan 2019 13:15

Instrument :

MSVOA_W

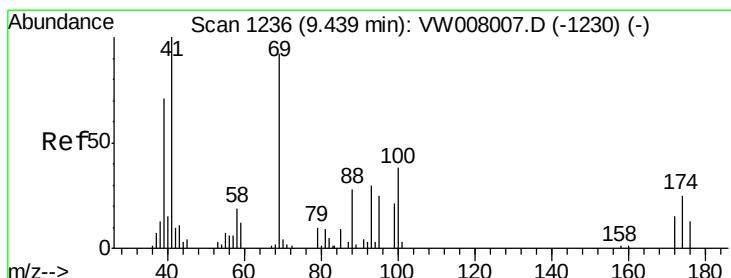
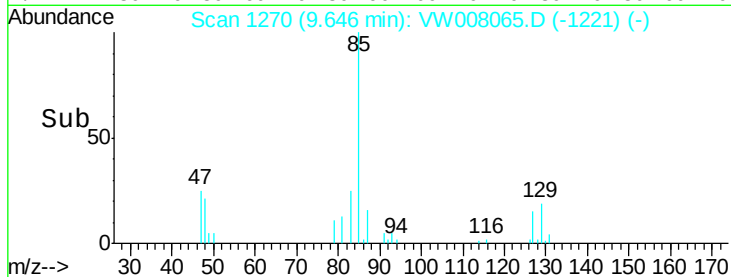
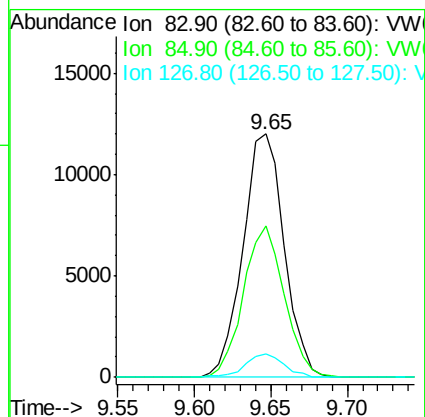
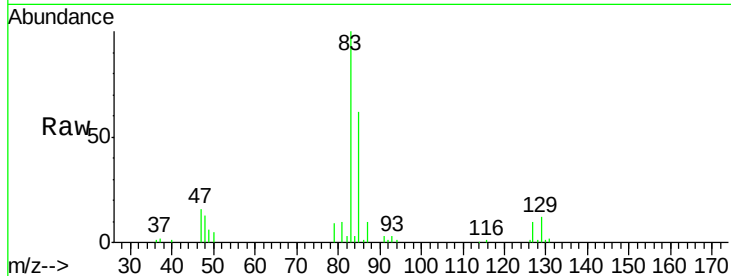
ClientSampleId :

VW0107SBS01

Tot Ion:	83	Resp:	22432
Ion	Ratio	Lower	Upper
83	100		
85	62.4	49.5	74.3
127	9.5	7.5	11.3

Manual Integrations
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1/8/2019 11:53:38 AM



#48

Methyl methacrylate

Concen: 21.807 ug/l

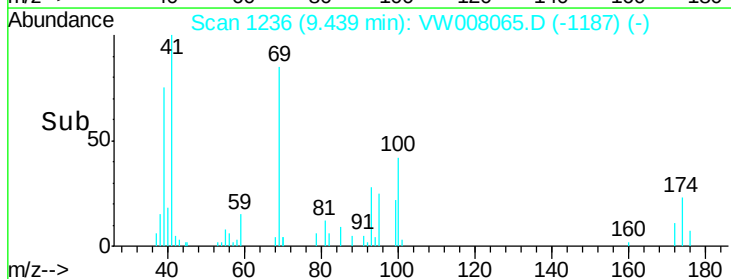
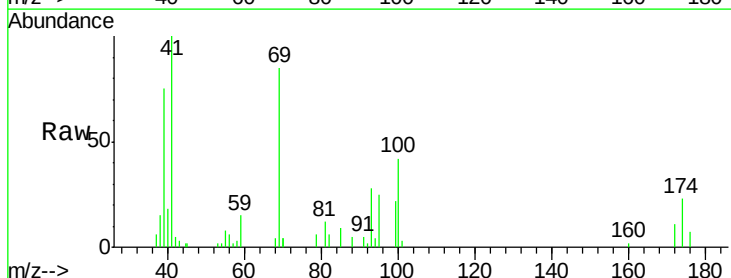
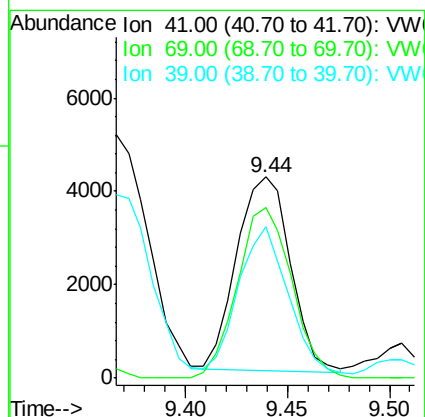
RT: 9.44 min Scan# 1236

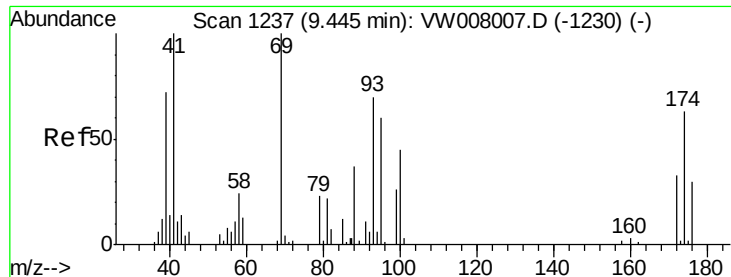
Delta R.T. 0.00 min

Lab File: VW008065.D

Acq: 07 Jan 2019 13:15

Tgt Ion:	41	Resp:	7599
Ion	Ratio	Lower	Upper
41	100		
69	89.0	72.3	108.5
39	69.9	58.7	88.1





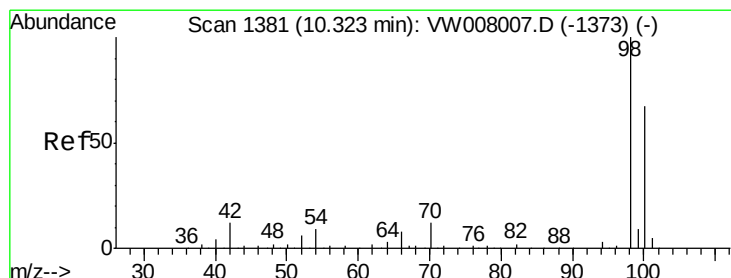
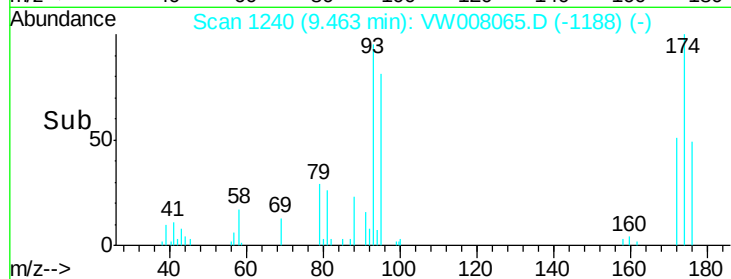
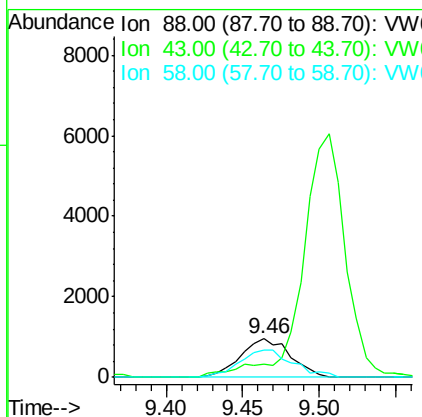
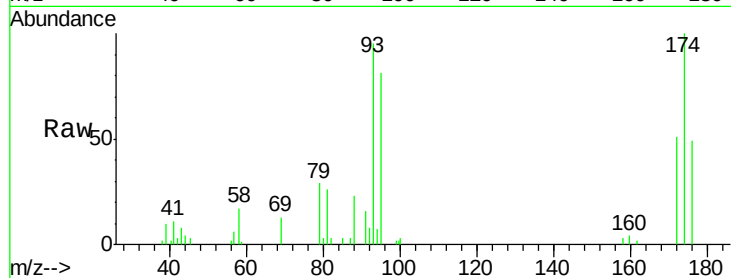
#49
1,4-Dioxane
Concen: 378.800 ug/l
RT: 9.46 min Scan# 1240
Delta R.T. 0.02 min
Lab File: VW008065.D
Acq: 07 Jan 2019 13:15

Instrument :
MSVOA_W
ClientSampleId :
VW0107SBSD01

Tot Ion	Ratio	Lower	Upper
88	100		
43	0.0	26.8	40.2#
58	77.2	55.8	83.6

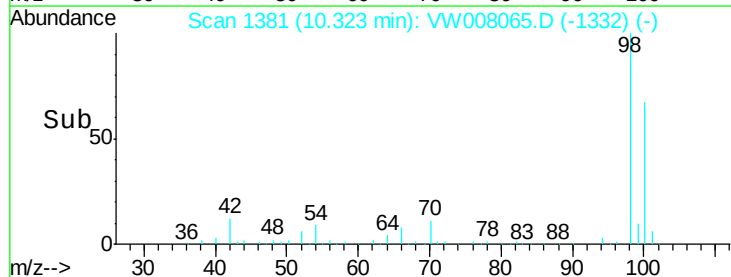
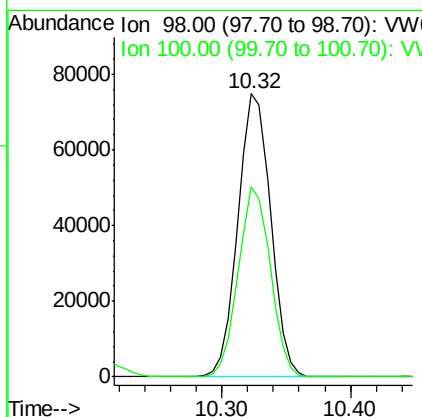
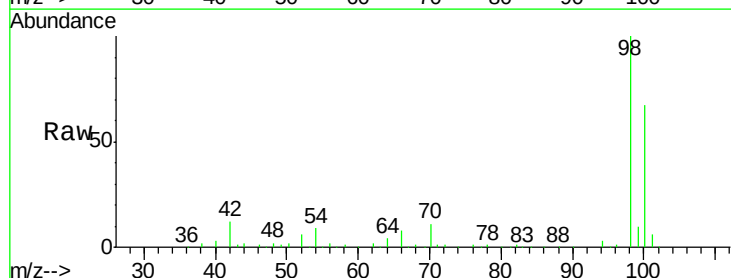
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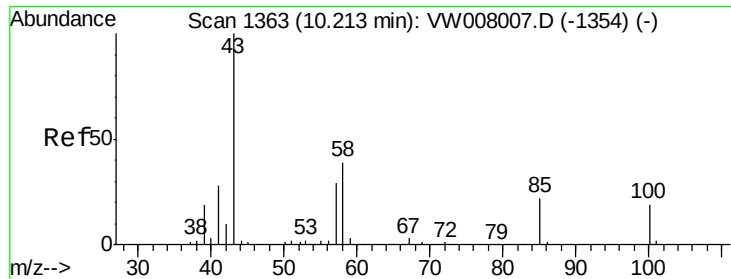
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#50
Toluene-d8
Concen: 47.765 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW008065.D
Acq: 07 Jan 2019 13:15

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.7	52.9	79.3





#51

4-Methyl-2-Pentanone

Concen: 112.449 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. 0.00 min

Lab File: VW008065.D

Acq: 07 Jan 2019 13:15

Instrument :

MSVOA_W

ClientSampleId :

VW0107SBS01

Tot Ion: 43 Resp: 35973

Ion Ratio Lower Upper

43 100

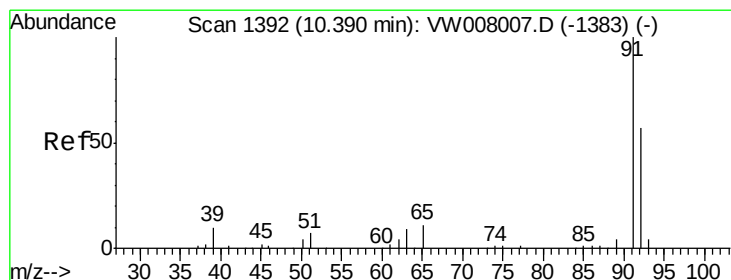
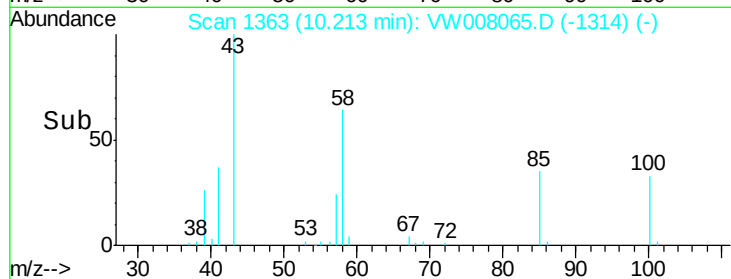
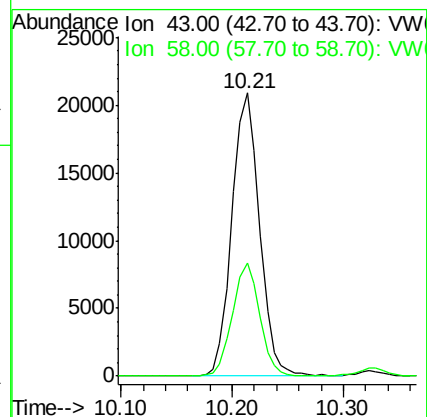
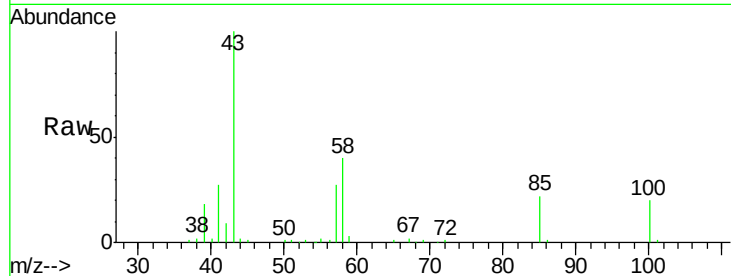
58 39.4 32.0 48.0

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#52

Toluene

Concen: 20.712 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VW008065.D

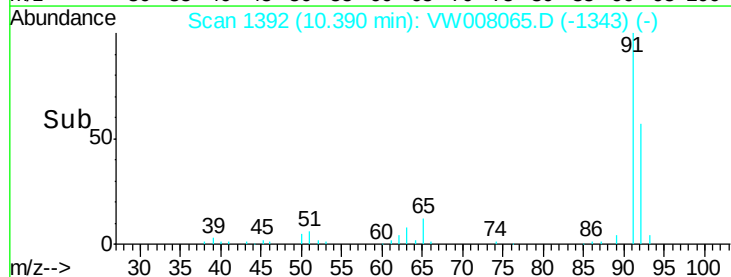
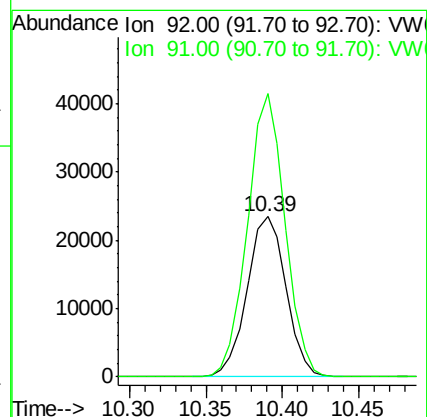
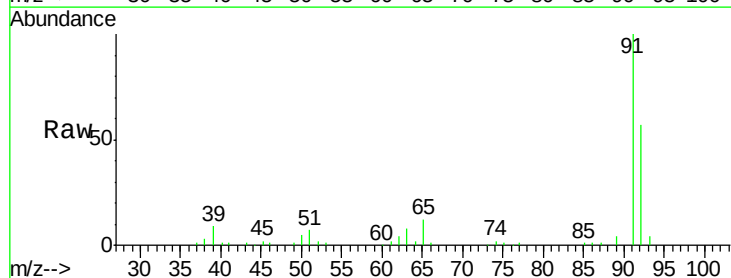
Acq: 07 Jan 2019 13:15

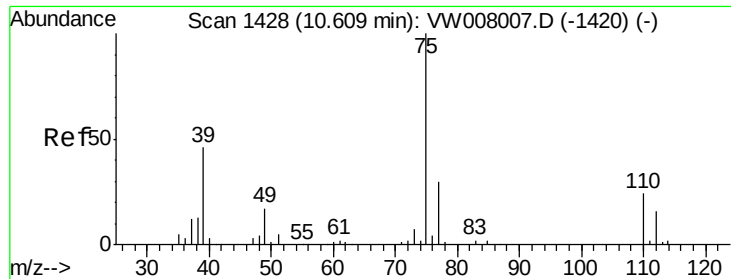
Tgt Ion: 92 Resp: 41536

Ion Ratio Lower Upper

92 100

91 170.0 136.9 205.3





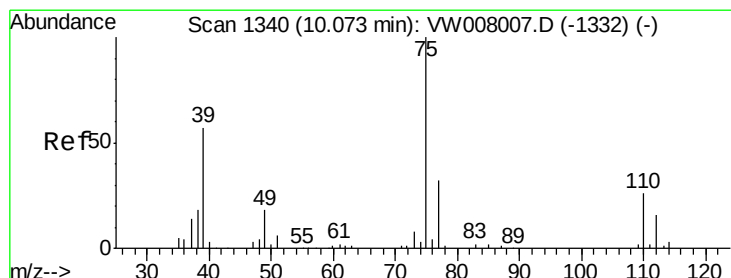
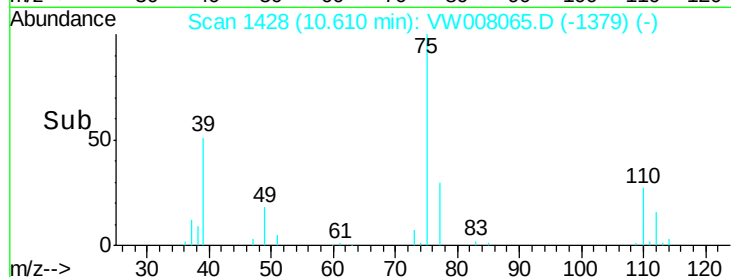
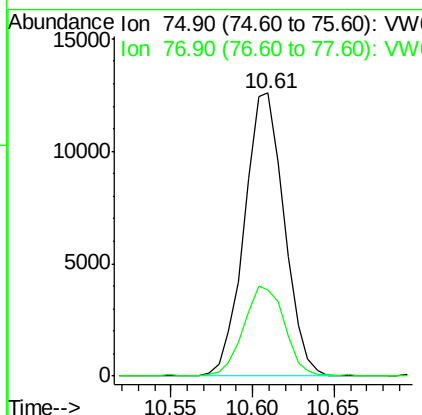
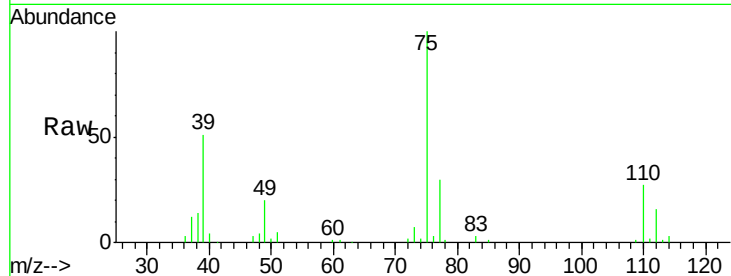
#53
 t-1,3-Dichloropropene
 Concen: 20.721 ug/l
 RT: 10.61 min Scan# 1428
 Delta R.T. 0.00 min
 Lab File: VW008065.D
 Acq: 07 Jan 2019 13:15

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0107SBSD01

Tot Ion: 75 Resp: 21454
 Ion Ratio Lower Upper
 75 100
 77 30.4 24.0 36.0

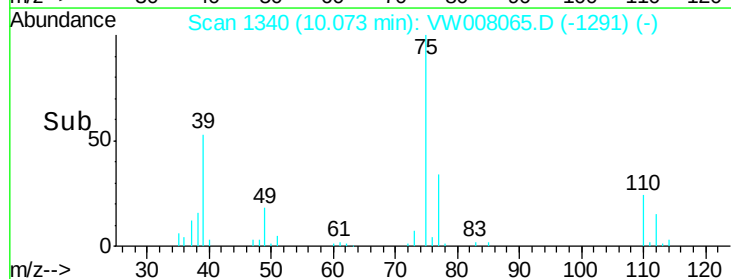
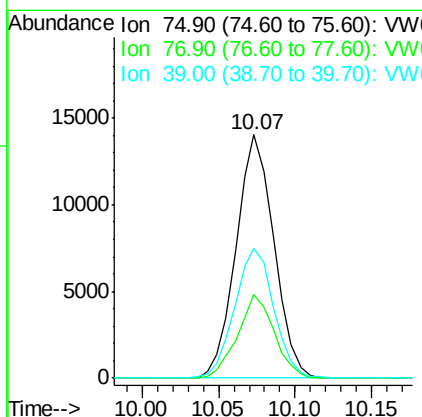
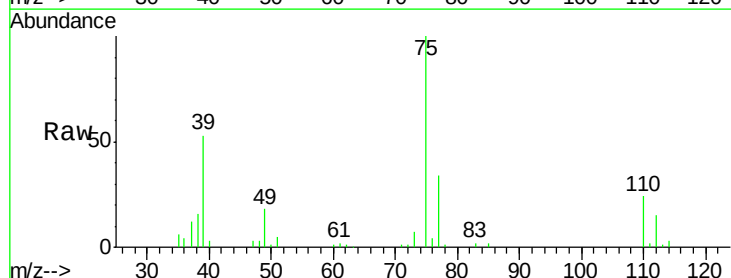
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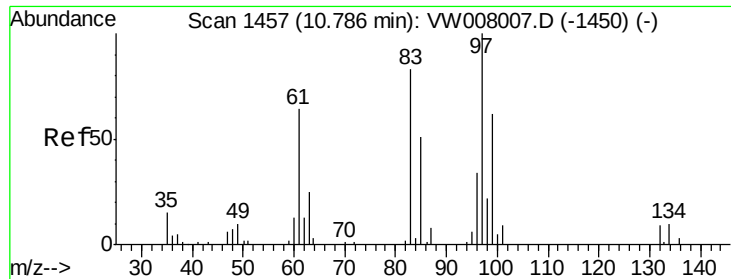
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#54
 cis-1,3-Dichloropropene
 Concen: 20.852 ug/l
 RT: 10.07 min Scan# 1340
 Delta R.T. 0.00 min
 Lab File: VW008065.D
 Acq: 07 Jan 2019 13:15

Tgt Ion: 75 Resp: 24092
 Ion Ratio Lower Upper
 75 100
 77 34.5 25.9 38.9
 39 53.1 45.4 68.0





#55

1,1,2-Trichloroethane

Concen: 20.784 ug/l

RT: 10.79 min Scan# 1457

Delta R.T. 0.00 min

Lab File: VW008065.D

Acq: 07 Jan 2019 13:15

Instrument :

MSVOA_W

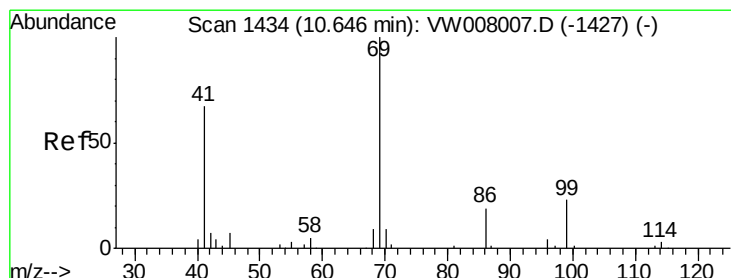
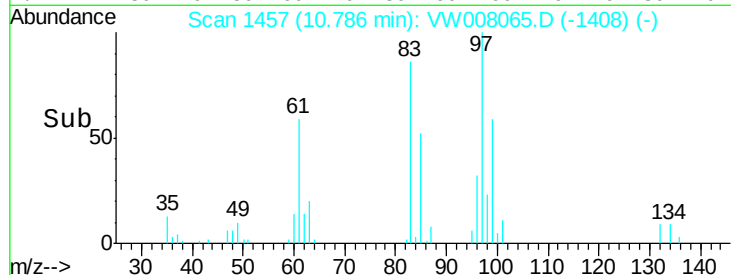
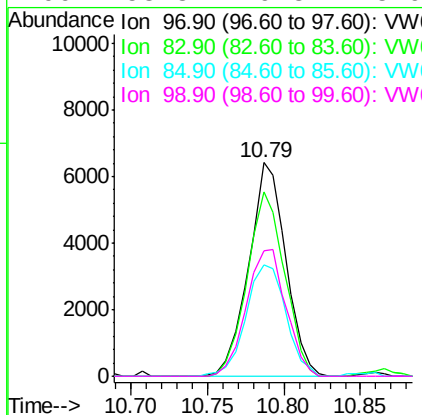
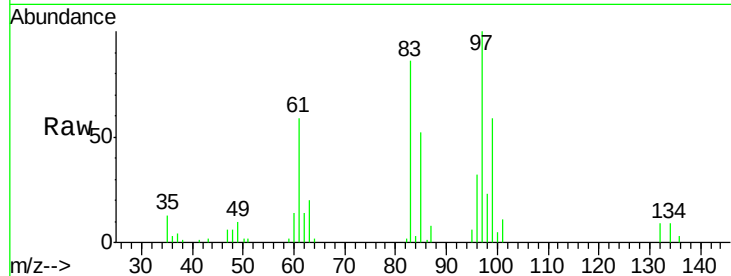
ClientSampleId :

VW0107SBS01

Tot Ion:	97	Resp:	10818
Ion	Ratio	Lower	Upper
97	100		
83	86.1	66.2	99.2
85	52.4	41.0	61.4
99	58.8	49.3	73.9

Manual Integrations
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#56

Ethyl methacrylate

Concen: 21.676 ug/l

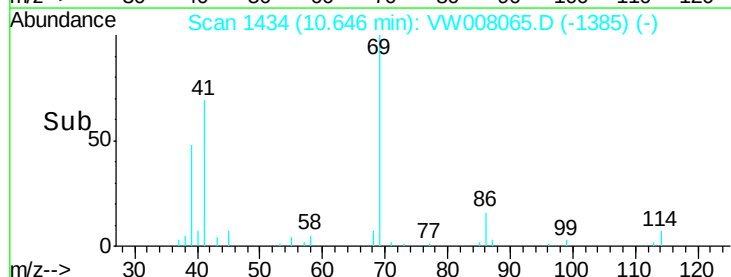
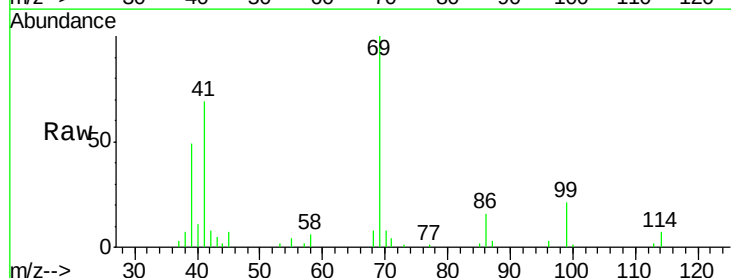
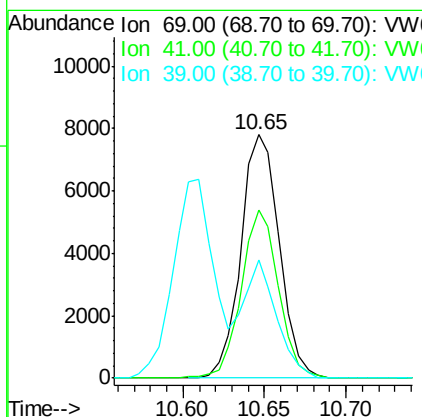
RT: 10.65 min Scan# 1434

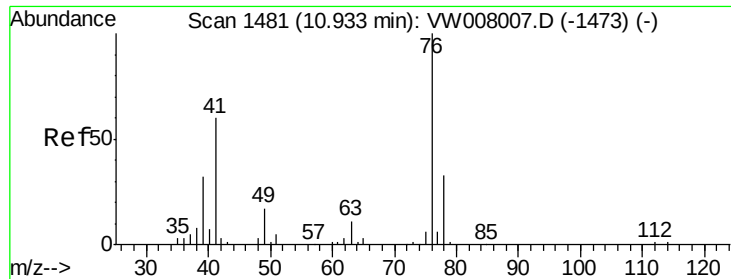
Delta R.T. 0.00 min

Lab File: VW008065.D

Acq: 07 Jan 2019 13:15

Tgt Ion:	69	Resp:	12755
Ion	Ratio	Lower	Upper
69	100		
41	67.2	52.6	79.0
39	43.0	35.8	53.6





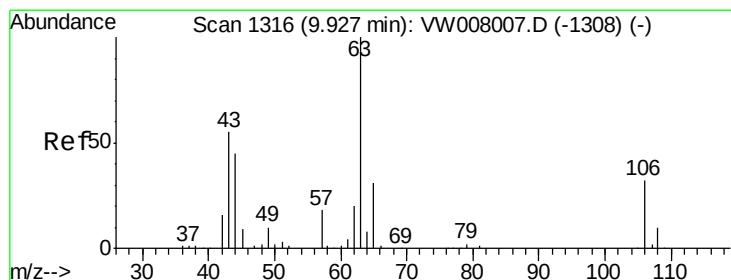
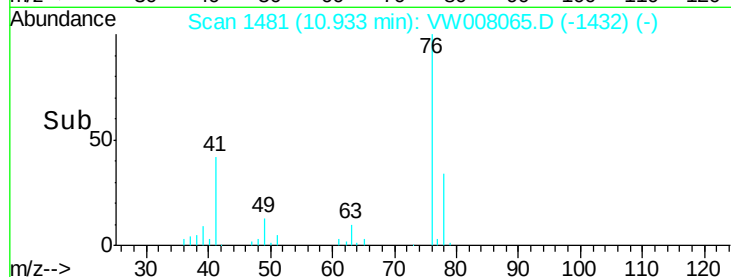
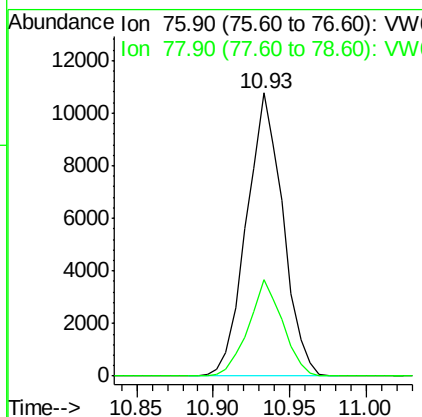
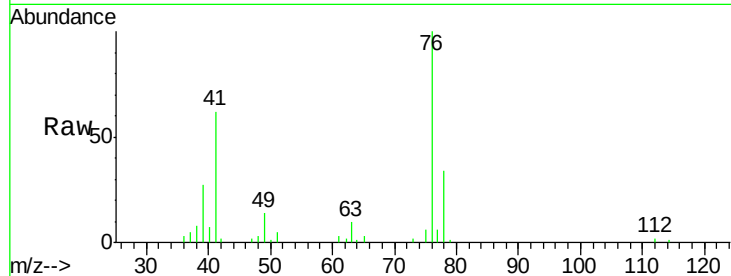
#57
 1,3-Dichloropropane
 Concen: 20.127 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. 0.00 min
 Lab File: VW008065.D
 Acq: 07 Jan 2019 13:15

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0107SBS01

Tot Ion: 76 Resp: 17801
 Ion Ratio Lower Upper
 76 100
 78 32.1 26.7 40.1

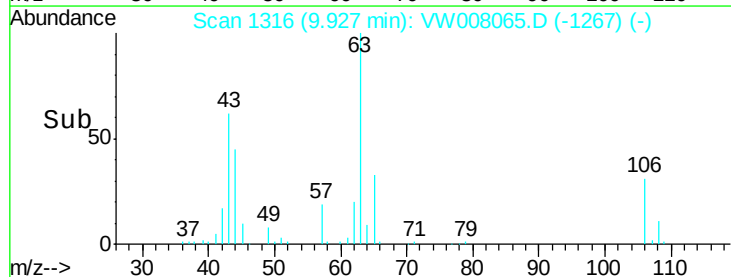
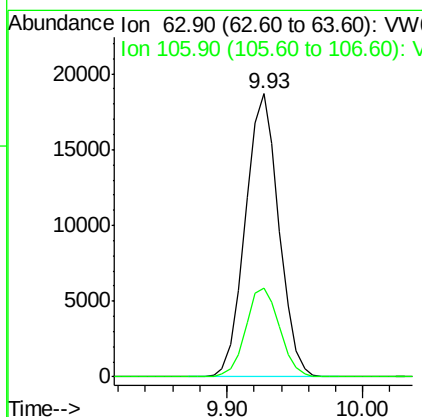
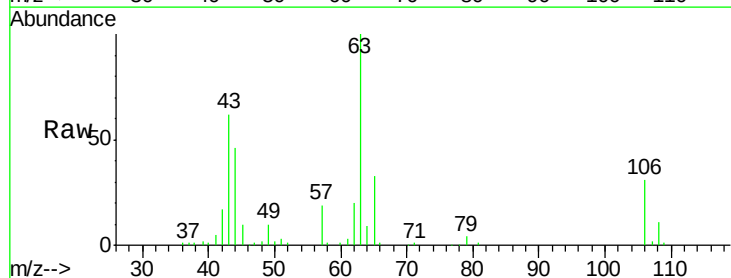
Manual Integrations
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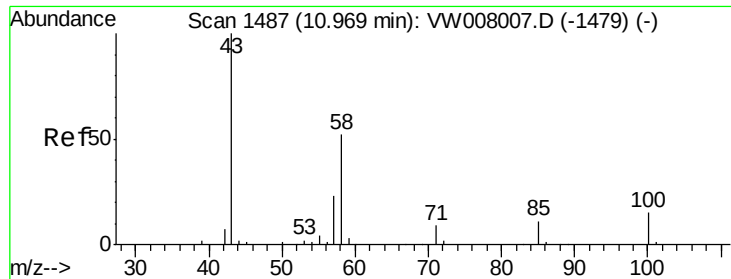
MMDadoda
 1/8/2019 11:53:38 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 115.467 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VW008065.D
 Acq: 07 Jan 2019 13:15

Tgt Ion: 63 Resp: 32223
 Ion Ratio Lower Upper
 63 100
 106 31.5 26.9 40.3





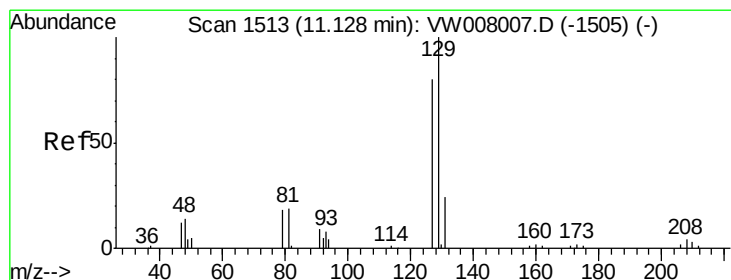
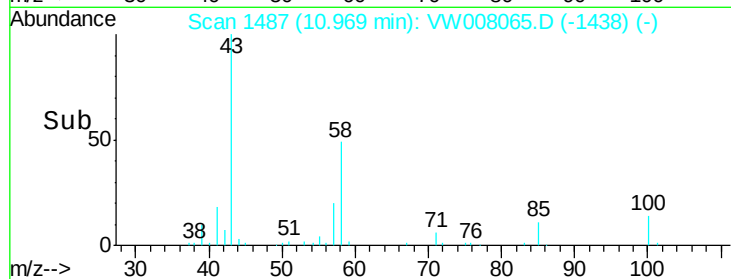
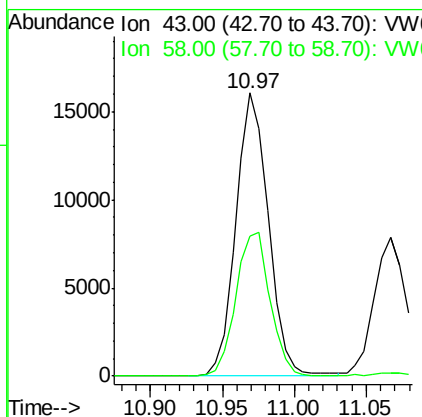
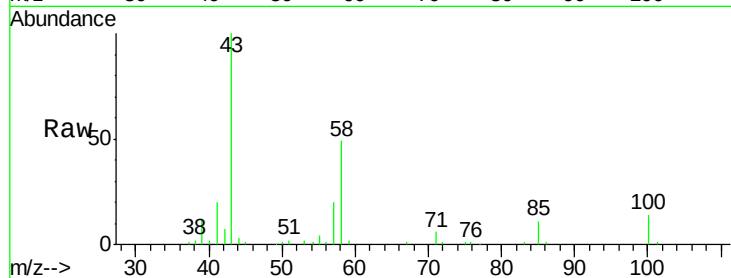
#59
2-Hexanone
Concen: 114.744 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VW008065.D
Acq: 07 Jan 2019 13:15

Instrument :
MSVOA_W
ClientSampleId :
VW0107SBSD01

Tot Ion: 43 Resp: 25341
Ion Ratio Lower Upper
43 100
58 52.9 27.1 81.2

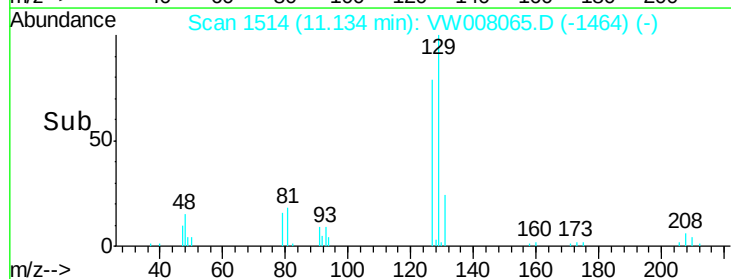
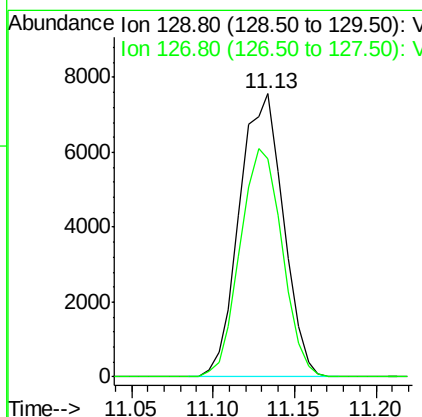
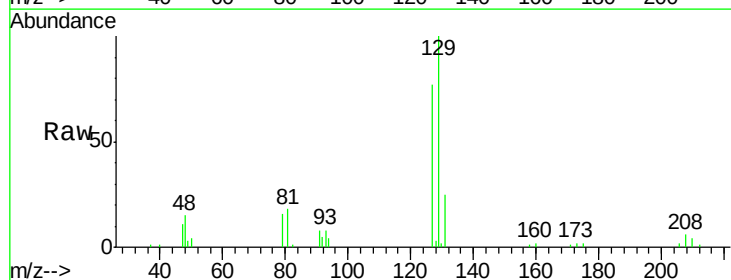
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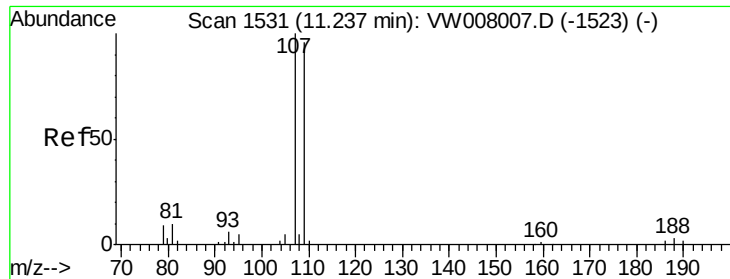
MMDadoda
1/8/2019 11:53:38 AM



#60
Dibromochloromethane
Concen: 19.856 ug/l
RT: 11.13 min Scan# 1514
Delta R.T. 0.01 min
Lab File: VW008065.D
Acq: 07 Jan 2019 13:15

Tgt Ion: 129 Resp: 14147
Ion Ratio Lower Upper
129 100
127 77.4 38.6 116.0





#61

1,2-Dibromoethane

Concen: 19.609 ug/l

RT: 11.24 min Scan# 1531

Delta R.T. 0.00 min

Lab File: VW008065.D

Acq: 07 Jan 2019 13:15

Instrument :

MSVOA_W

ClientSampleId :

VW0107SBSD01

Tot Ion:107 Resp: 10214

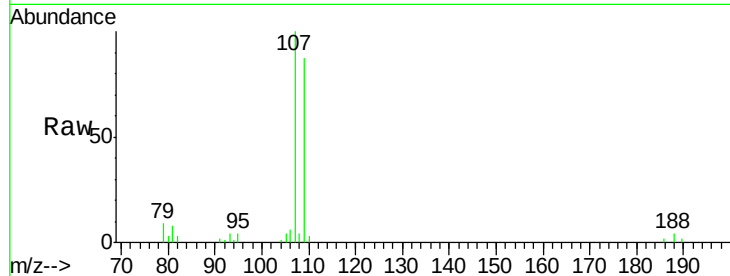
Ion Ratio Lower Upper

107 100

109 94.9 77.2 115.8

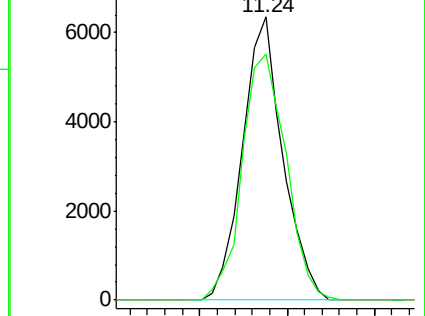
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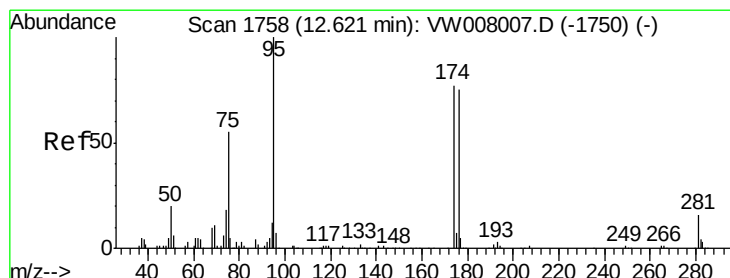
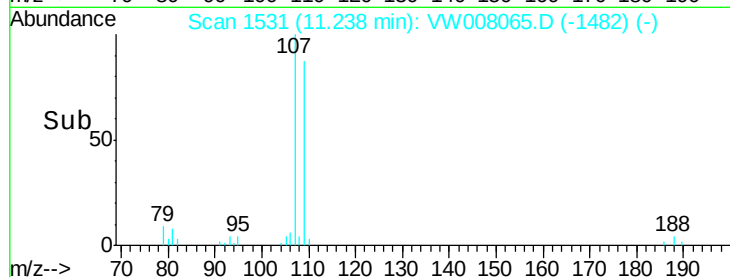


Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



Time-->



#62

4-Bromofluorobenzene

Concen: 44.528 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW008065.D

Acq: 07 Jan 2019 13:15

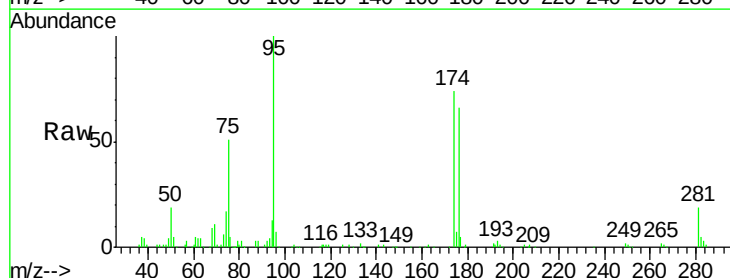
Tgt Ion: 95 Resp: 47139

Ion Ratio Lower Upper

95 100

174 76.5 0.0 149.6

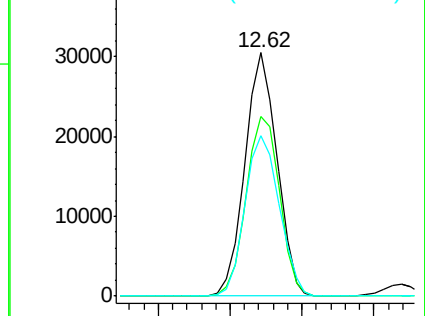
176 70.3 0.0 145.4



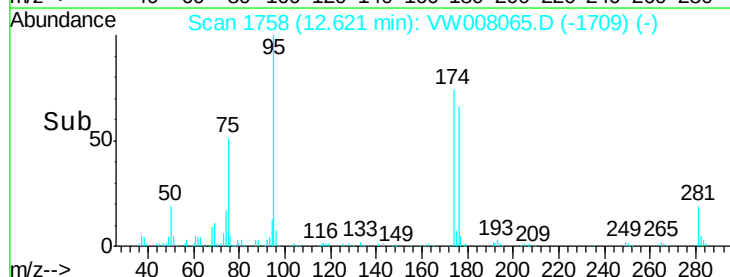
Abundance Ion 94.90 (94.60 to 95.60): VW

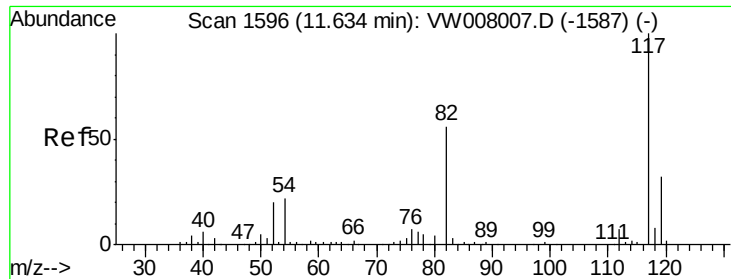
Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



Time-->





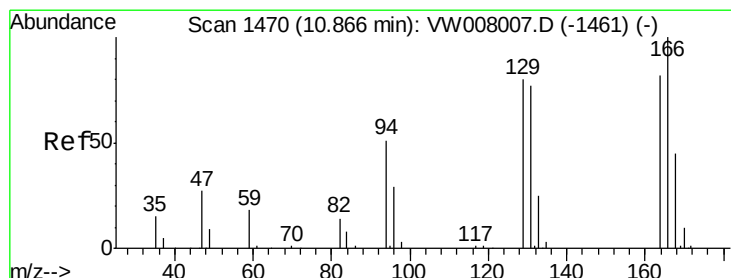
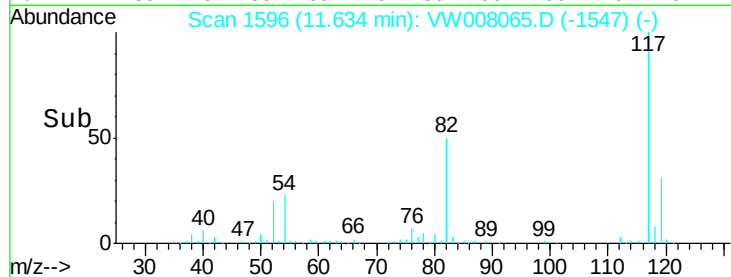
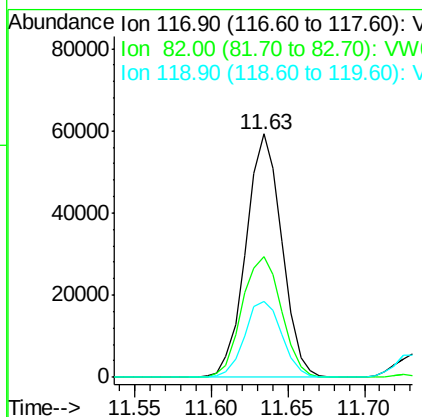
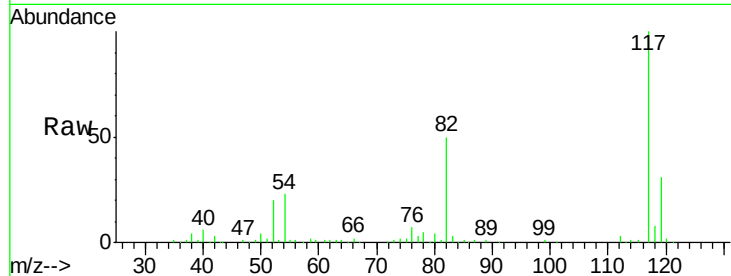
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW008065.D
Acq: 07 Jan 2019 13:15

Instrument :
MSVOA_W
ClientSampleId :
VW0107SBSD01

Tot Ion	Ratio	Lower	Upper
117	100		
82	49.8	44.8	67.2
119	31.0	25.6	38.4

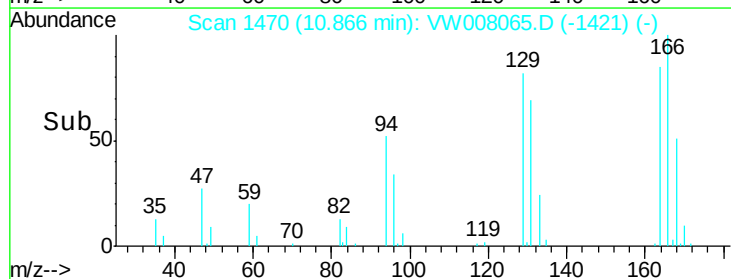
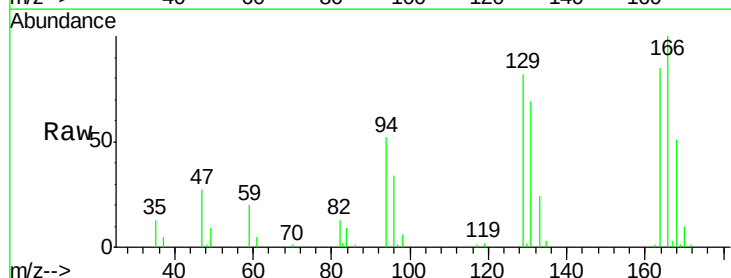
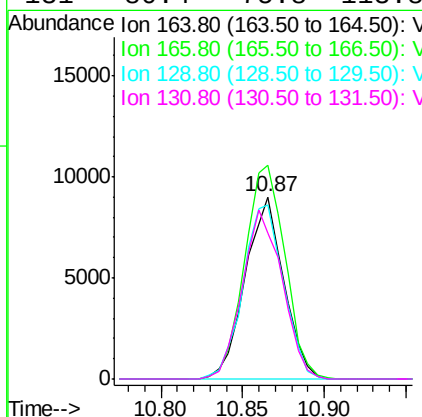
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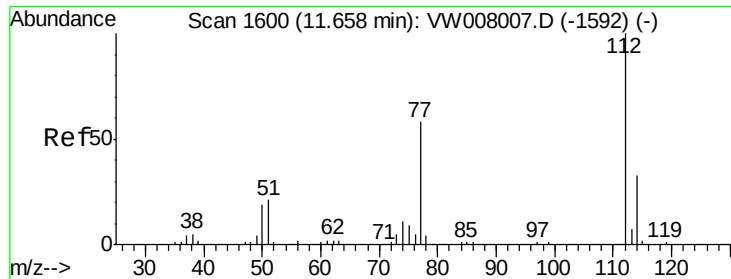
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#64
Tetrachloroethene
Concen: 22.125 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VW008065.D
Acq: 07 Jan 2019 13:15

Tgt Ion	Ratio	Lower	Upper
164	100		
166	117.2	98.1	147.1
129	95.7	78.0	117.0
131	80.4	75.8	113.8





#65

Chlorobenzene

Concen: 20.774 ug/l

RT: 11.66 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VW008065.D

Acq: 07 Jan 2019 13:15

Instrument :

MSVOA_W

ClientSampleId :

VW0107SBSD01

Tot Ion:112 Resp: 42876

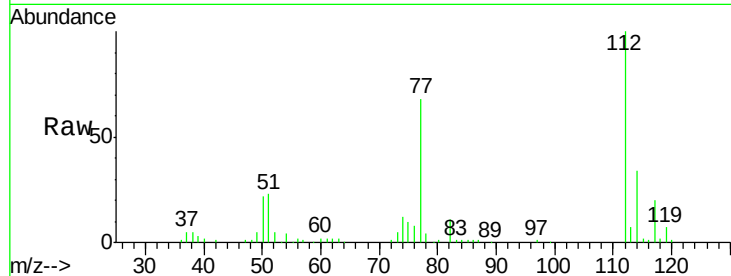
Ion Ratio Lower Upper

112 100

114 33.9 26.0 39.0

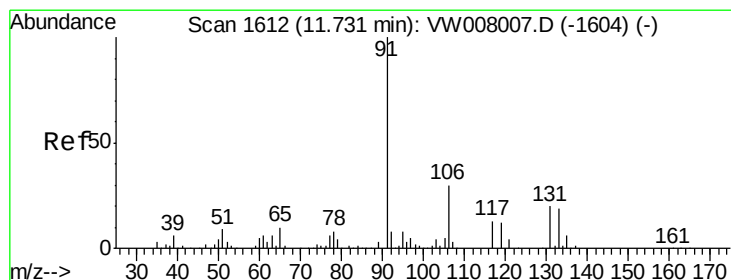
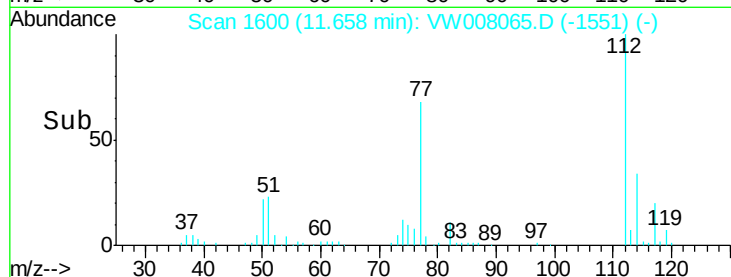
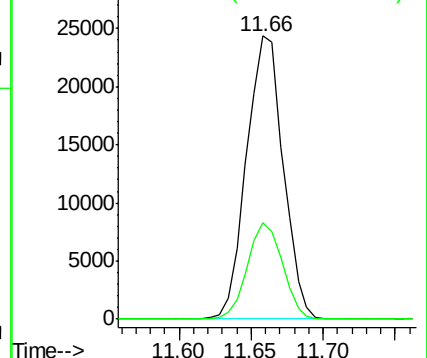
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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 20.964 ug/l

RT: 11.73 min Scan# 1612

Delta R.T. 0.00 min

Lab File: VW008065.D

Acq: 07 Jan 2019 13:15

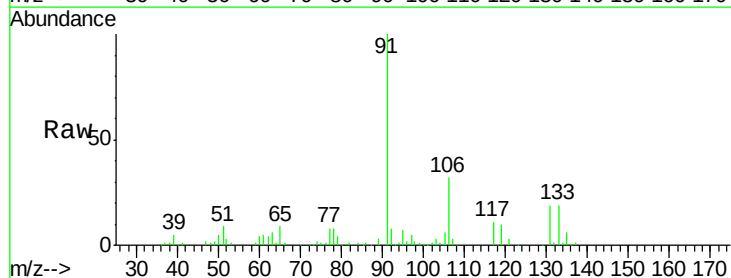
Tgt Ion:131 Resp: 15669

Ion Ratio Lower Upper

131 100

133 98.4 49.1 147.3

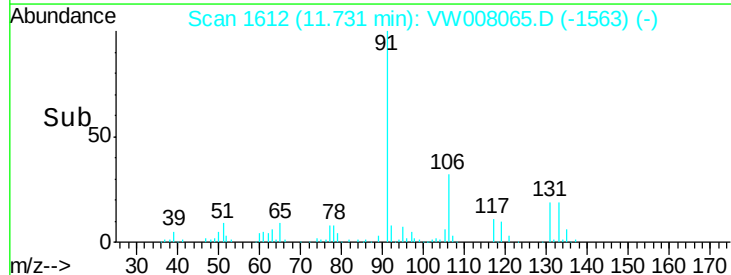
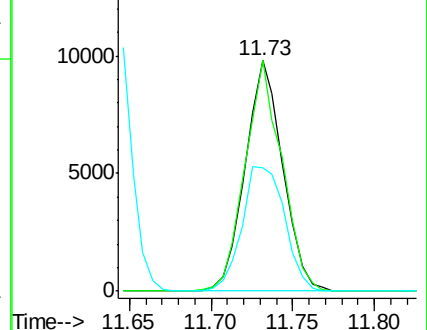
119 61.2 30.6 91.6

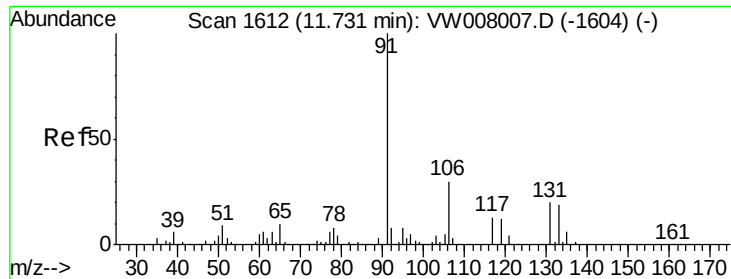


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





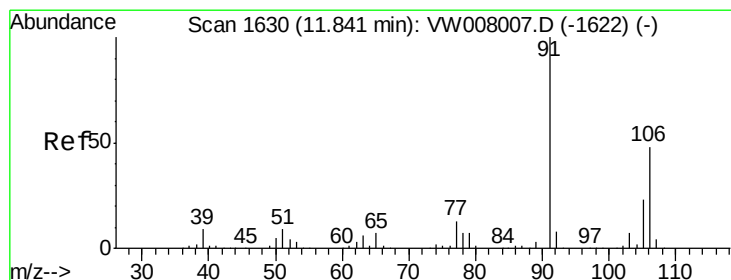
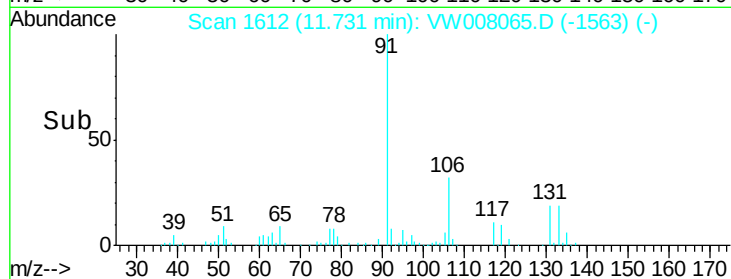
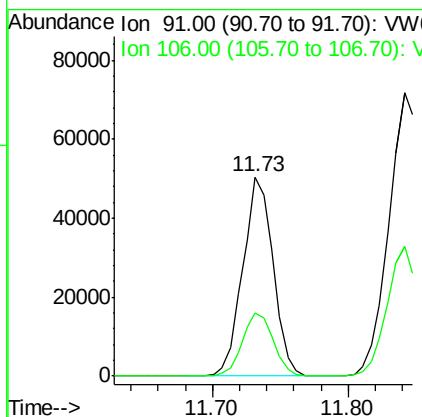
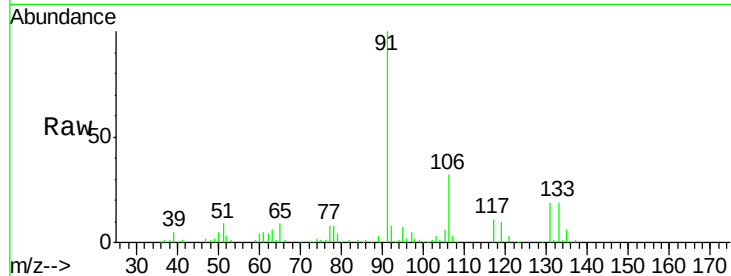
#67
Ethyl Benzene
Concen: 21.518 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW008065.D
Acq: 07 Jan 2019 13:15

Instrument :
MSVOA_W
ClientSampleId :
VW0107SBSD01

Tot Ion: 91 Resp: 78828
Ion Ratio Lower Upper
91 100
106 31.8 24.3 36.5

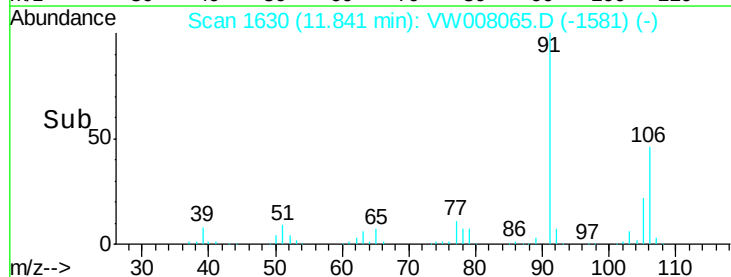
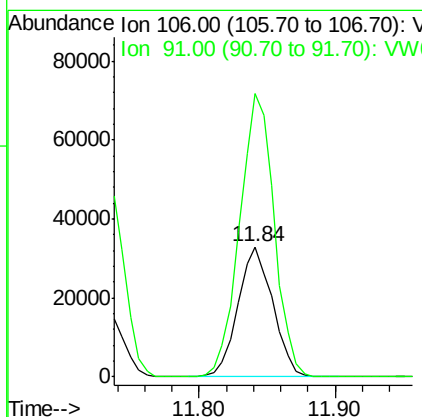
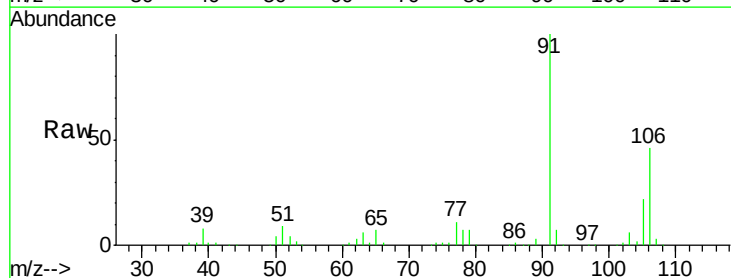
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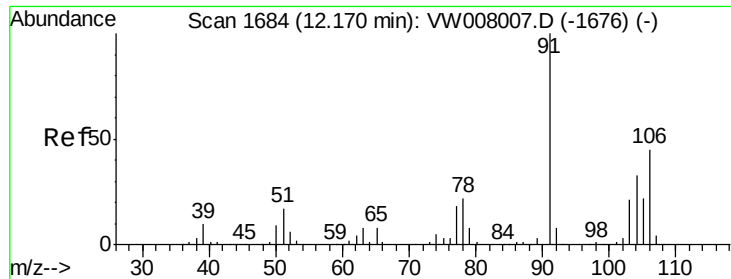
MMDadoda
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#68
m/p-Xylenes
Concen: 41.542 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VW008065.D
Acq: 07 Jan 2019 13:15

Tgt Ion: 106 Resp: 58836
Ion Ratio Lower Upper
106 100
91 216.1 165.8 248.8





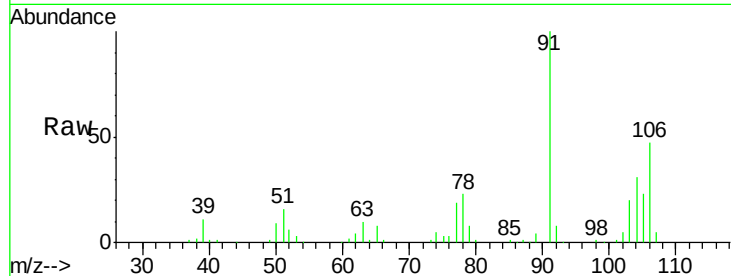
#69
o-Xylene
Concen: 21.333 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW008065.D
Acq: 07 Jan 2019 13:15

Instrument :
MSVOA_W
ClientSampled :
VW0107SBS01

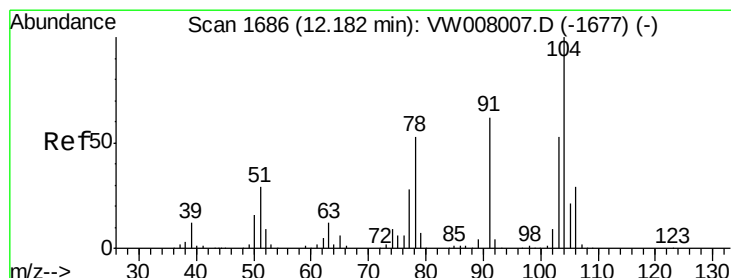
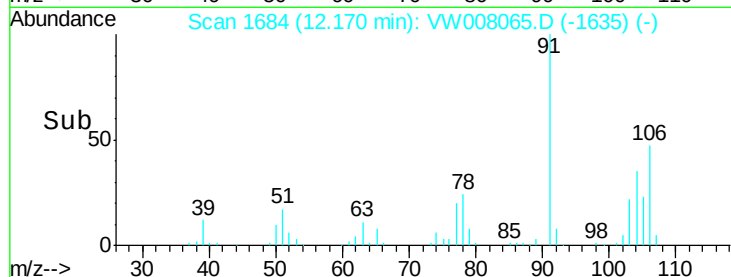
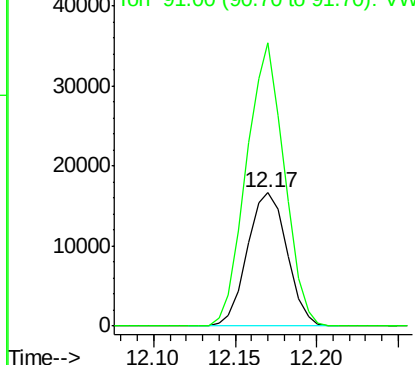
Tot Ion:106 Resp: 28114
Ion Ratio Lower Upper
106 100
91 203.6 110.6 331.6

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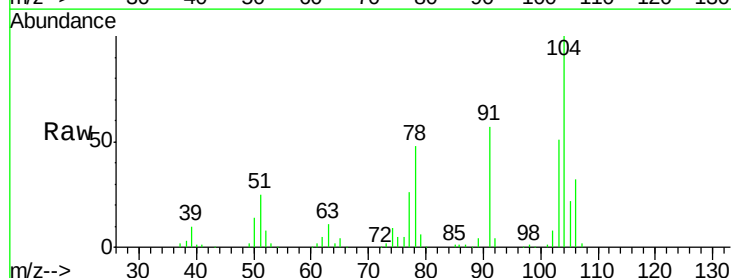


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): V

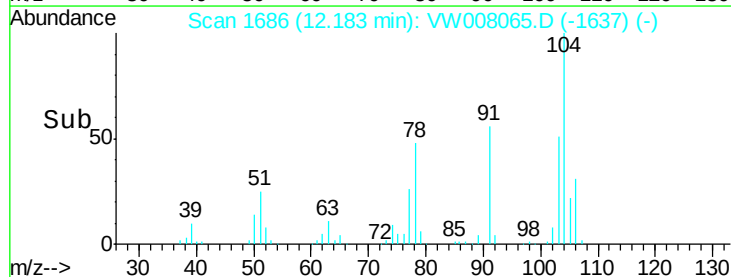
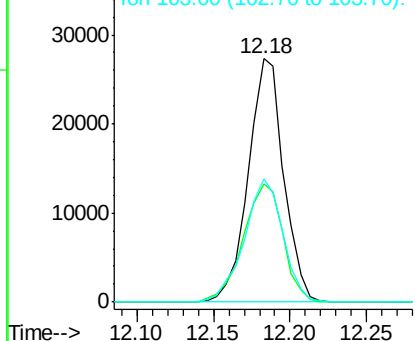


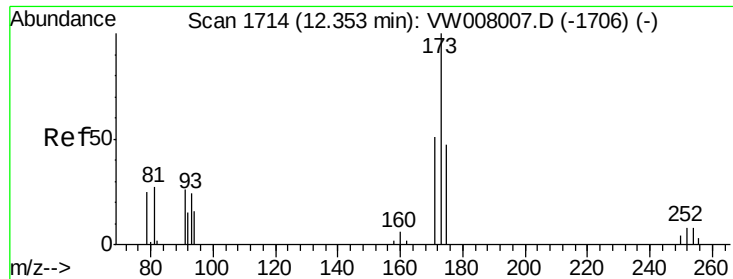
#70
Styrene
Concen: 20.431 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW008065.D
Acq: 07 Jan 2019 13:15

Tgt Ion:104 Resp: 43886
Ion Ratio Lower Upper
104 100
78 54.6 44.0 66.0
103 55.1 44.6 66.8



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): V
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 21.463 ug/l

RT: 12.35 min Scan# 1713

Delta R.T. -0.01 min

Lab File: VW008065.D

Acq: 07 Jan 2019 13:15

Instrument :

MSVOA_W

ClientSampleId :

VW0107SBS01

Tot Ion:173 Resp: 7432

Ion Ratio Lower Upper

173 100

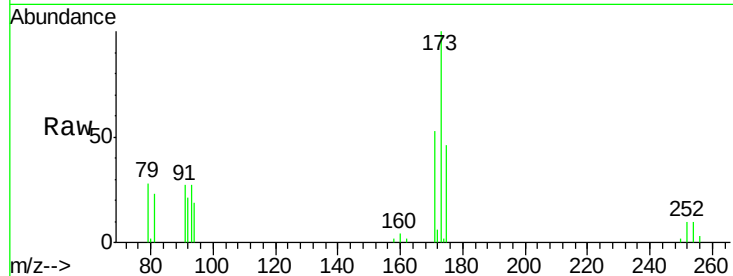
175 48.3 23.6 71.0

254 0.0 0.0 0.0

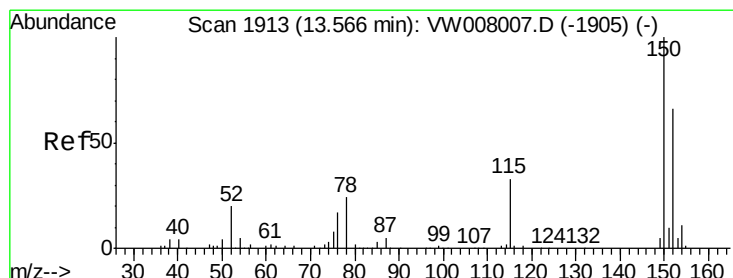
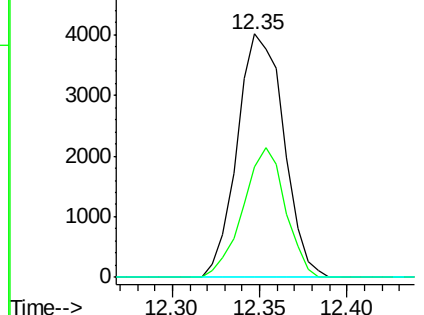
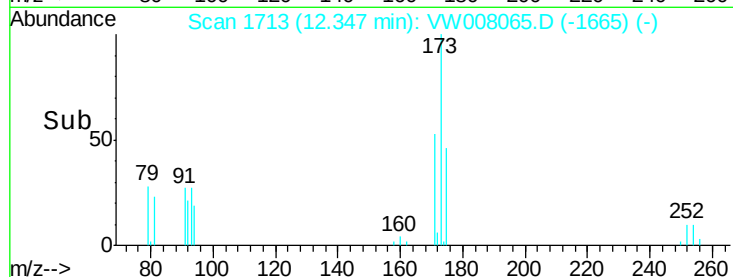
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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. -0.01 min

Lab File: VW008065.D

Acq: 07 Jan 2019 13:15

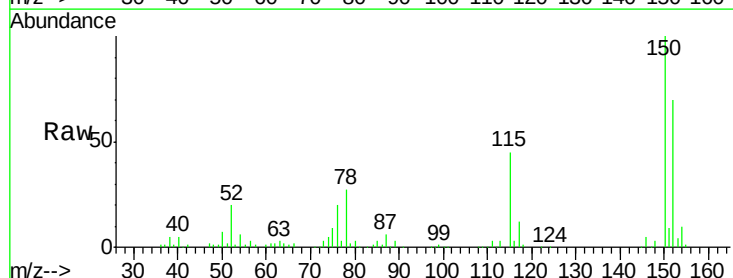
Tgt Ion:152 Resp: 50233

Ion Ratio Lower Upper

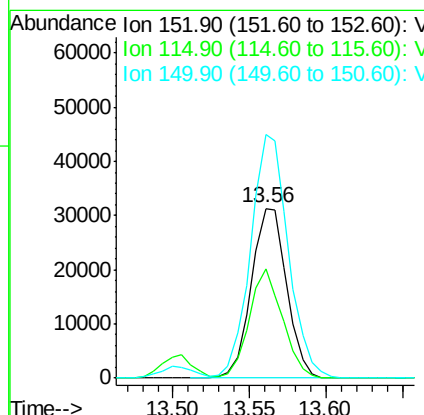
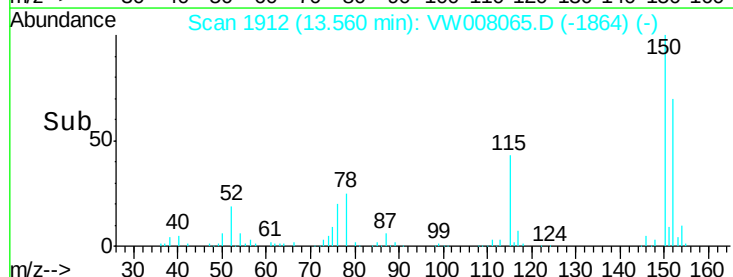
152 100

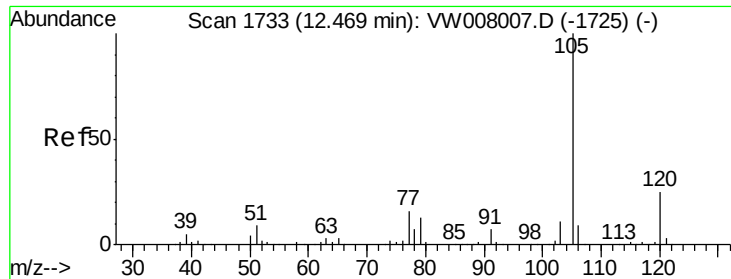
115 60.5 32.1 96.5

150 153.3 0.0 345.0



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 19.751 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. 0.00 min

Lab File: VW008065.D

Acq: 07 Jan 2019 13:15

Instrument :

MSVOA_W

ClientSampleId :

VW0107SBS01

Tot Ion: 105 Resp: 78893

Ion Ratio Lower Upper

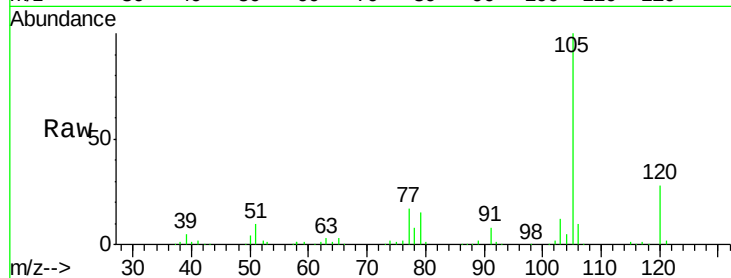
105 100

120 26.3 12.8 38.3

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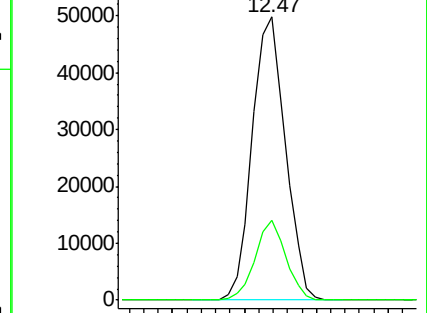
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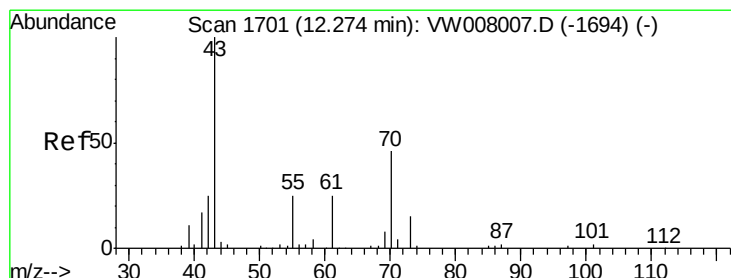
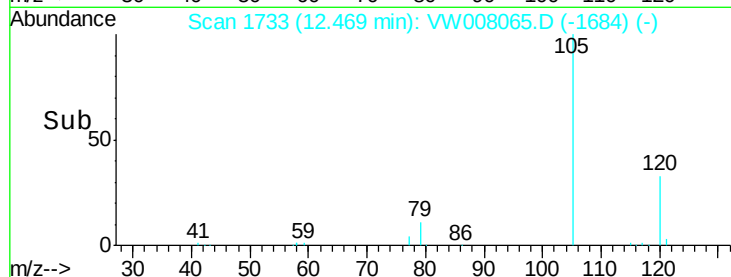


Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



Time-->



#74

N-ethyl acetate

Concen: 21.460 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. 0.00 min

Lab File: VW008065.D

Acq: 07 Jan 2019 13:15

Tgt Ion: 43 Resp: 13343

Ion Ratio Lower Upper

43 100

70 45.4 35.2 52.8

55 25.0 21.4 32.0

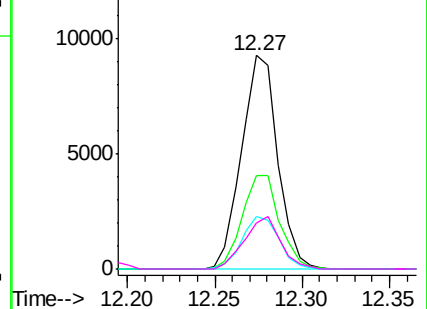
61 24.2 19.4 29.0

Abundance Ion 43.00 (42.70 to 43.70): VW

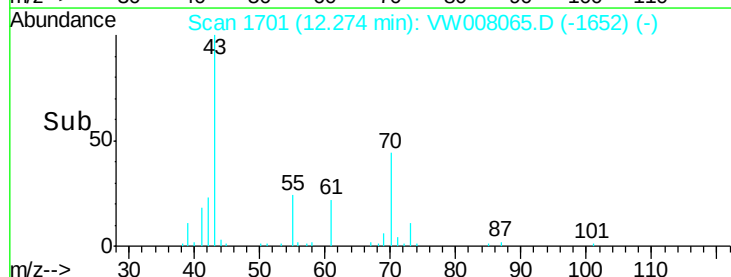
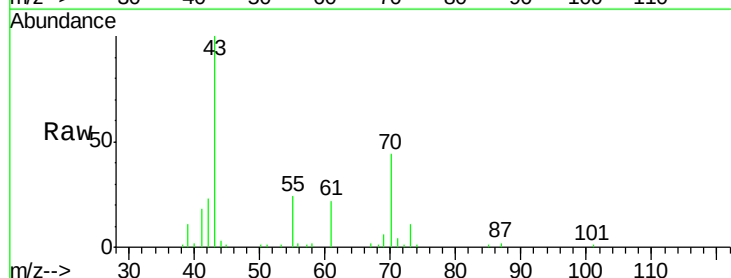
Ion 70.00 (69.70 to 70.70): VW

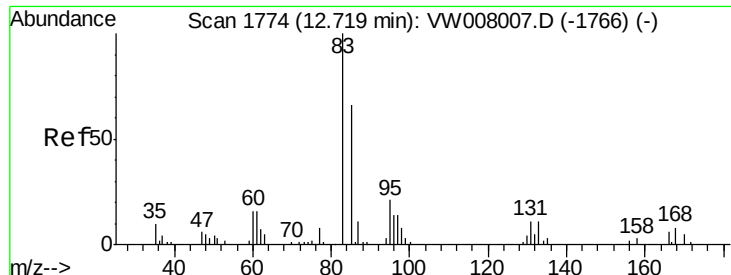
Ion 55.00 (54.70 to 55.70): VW

Ion 61.00 (60.70 to 61.70): VW



Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 20.362 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. -0.01 min

Lab File: VW008065.D

Acq: 07 Jan 2019 13:15

Instrument :

MSVOA_W

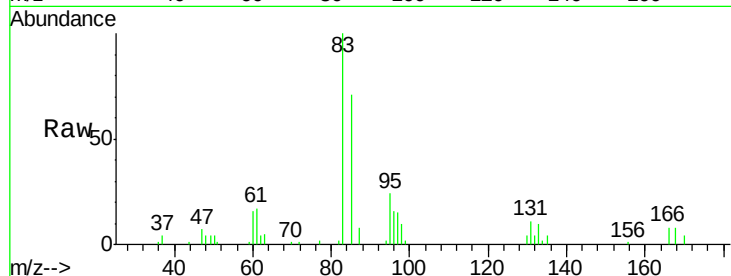
ClientSampleId :

VW0107SBSD01

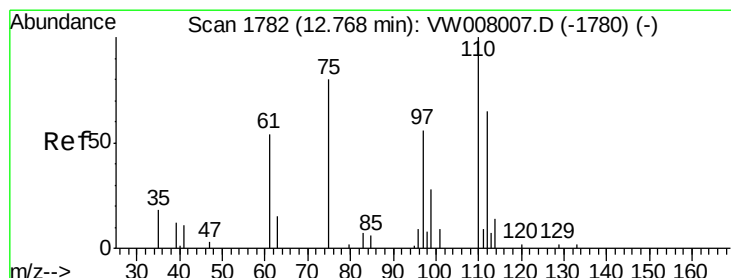
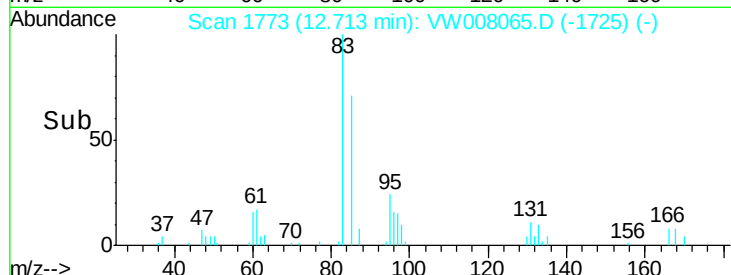
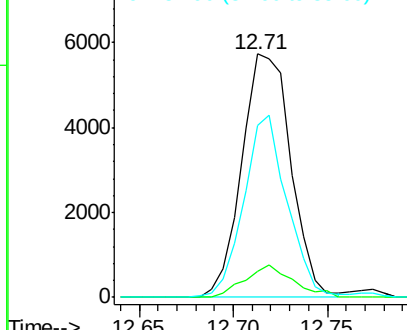
Tot Ion:	83	Resp:	10349
Ion	Ratio	Lower	Upper
83	100		
131	13.0	6.5	19.5
85	66.3	32.8	98.3

Manual Integrations
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Abundance Ion 82.90 (82.60 to 83.60): VW
Ion 130.80 (130.50 to 131.50): V
Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 16.573 ug/l m

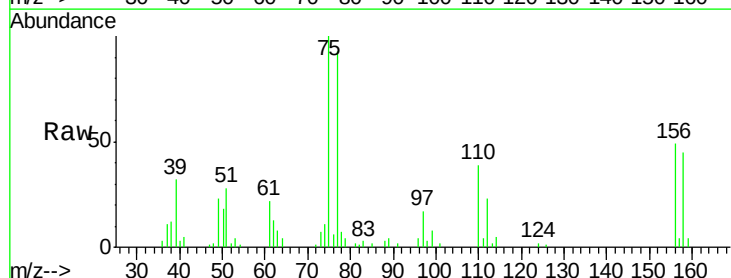
RT: 12.77 min Scan# 1782

Delta R.T. 0.00 min

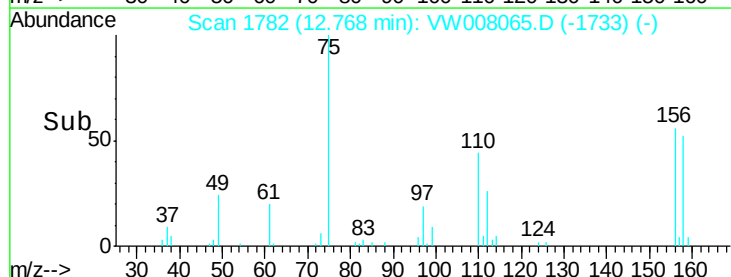
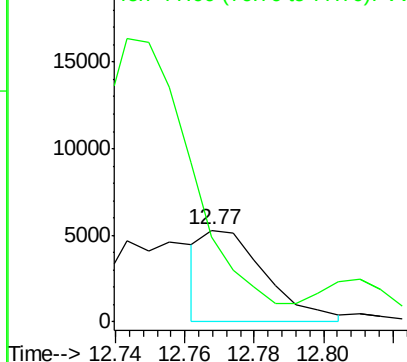
Lab File: VW008065.D

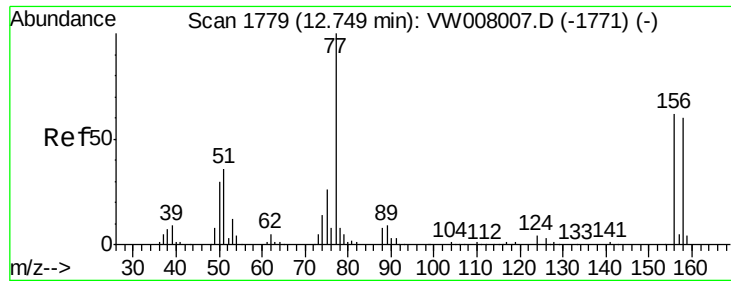
Acq: 07 Jan 2019 13:15

Tgt Ion:	75	Resp:	6623
Ion	Ratio	Lower	Upper
75	100		
77	0.0	186.2	558.6#



Abundance Ion 74.90 (74.60 to 75.60): VW
Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 19.895 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VW008065.D

Acq: 07 Jan 2019 13:15

Instrument :

MSVOA_W

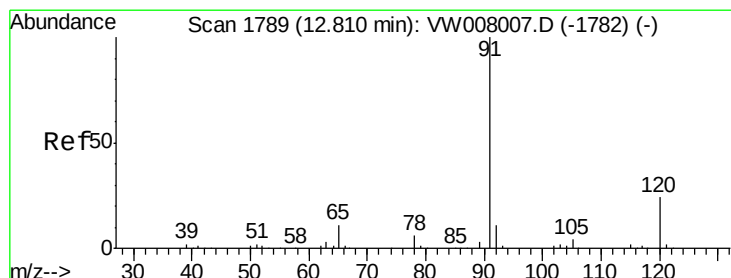
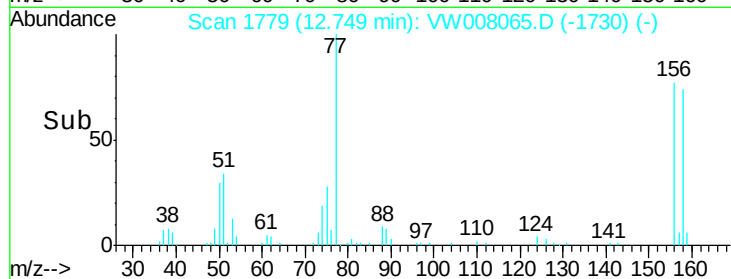
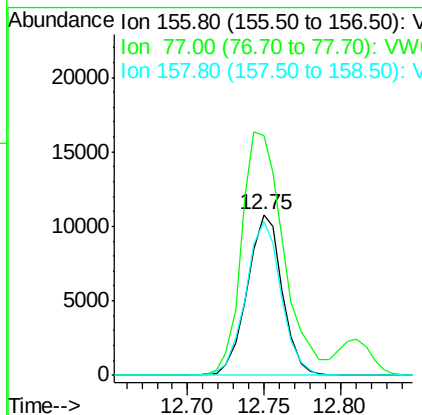
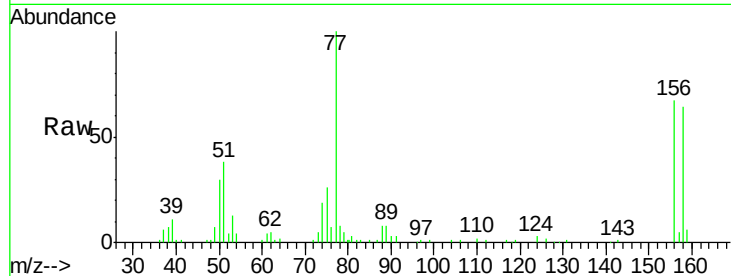
ClientSampleId :

VW0107SBS01

Tot Ion	156	Resp	17081
Ion Ratio	100	Lower	Upper
77	183.3	87.9	263.8
158	96.9	47.8	143.4

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#78

n-propylbenzene

Concen: 20.778 ug/l

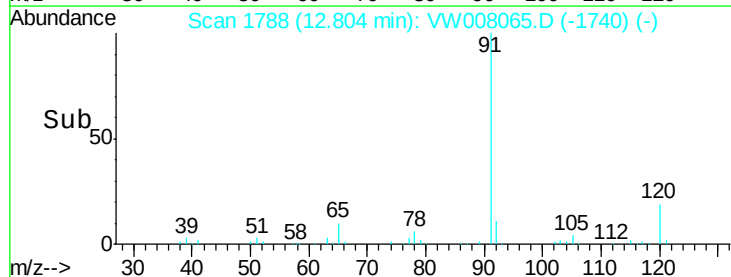
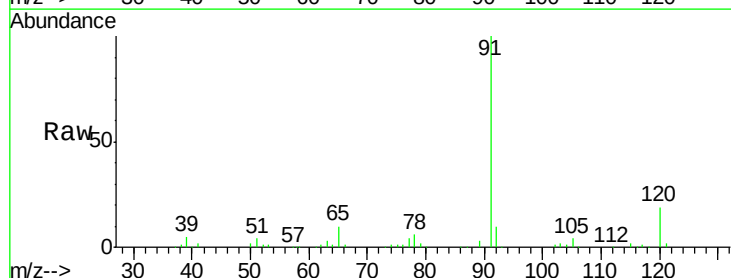
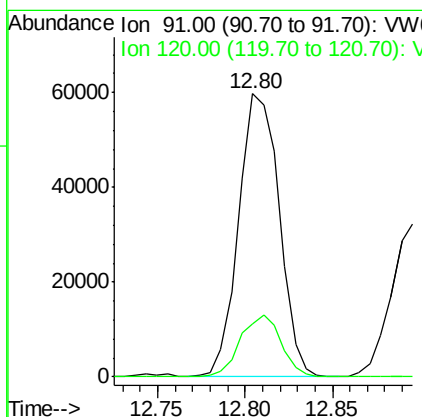
RT: 12.80 min Scan# 1788

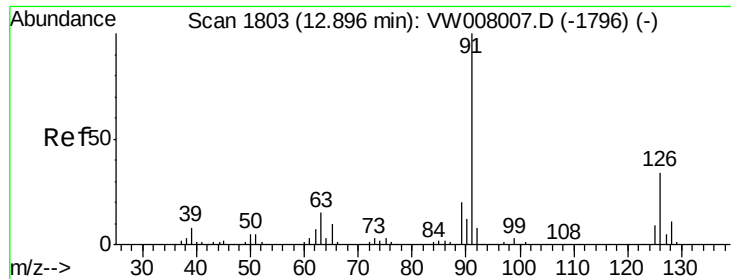
Delta R.T. -0.01 min

Lab File: VW008065.D

Acq: 07 Jan 2019 13:15

Tgt Ion	91	Resp	96229
Ion Ratio	100	Lower	Upper
120	22.0	11.5	34.5





#79

2-Chlorotoluene

Concen: 20.144 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VW008065.D

Acq: 07 Jan 2019 13:15

Instrument :

MSVOA_W

ClientSampleId :

VW0107SBS01

Tot Ion: 91 Resp: 53918

Ion Ratio Lower Upper

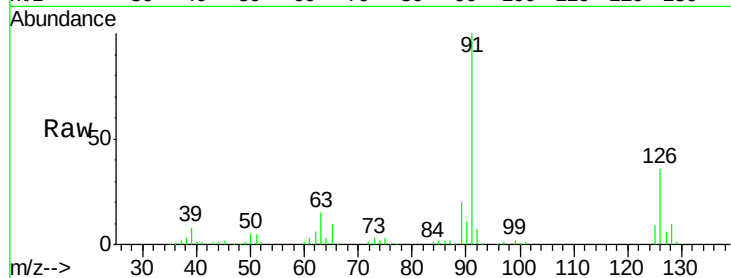
91 100

126 33.6 17.1 51.2

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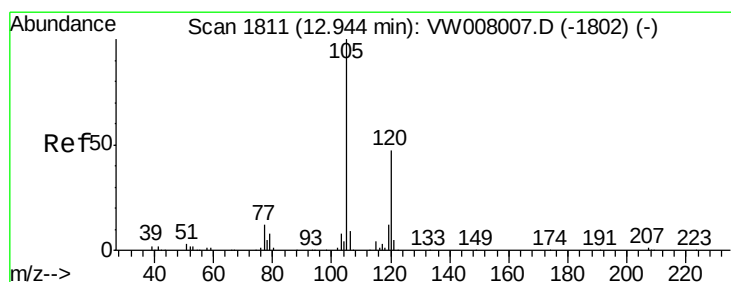
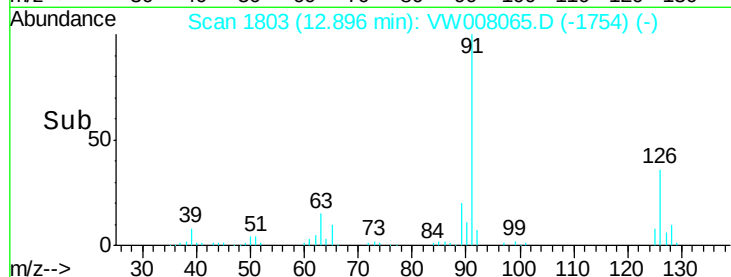
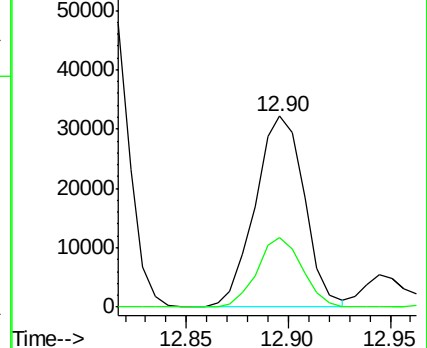
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Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 21.104 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. 0.00 min

Lab File: VW008065.D

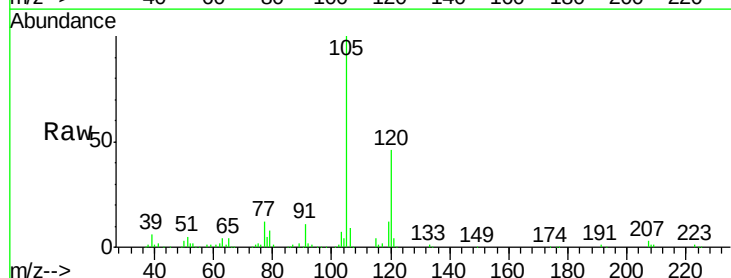
Acq: 07 Jan 2019 13:15

Tgt Ion: 105 Resp: 72561

Ion Ratio Lower Upper

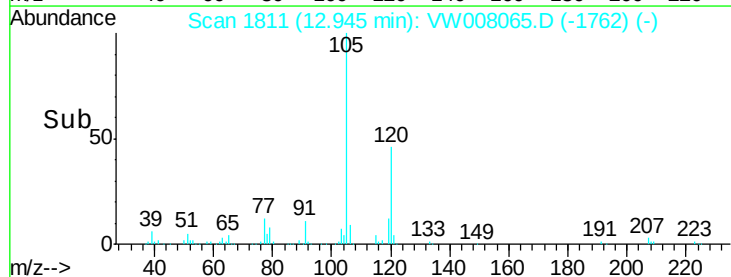
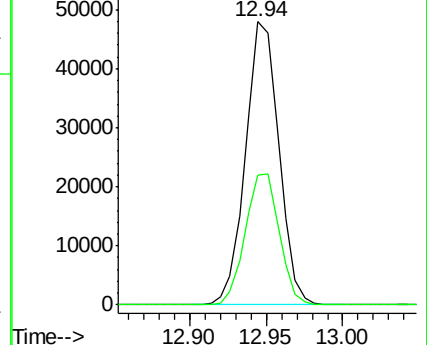
105 100

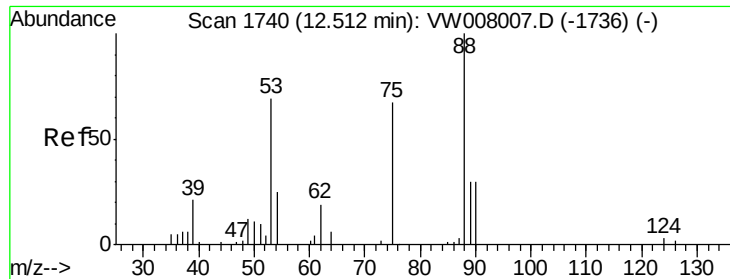
120 47.2 23.3 69.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





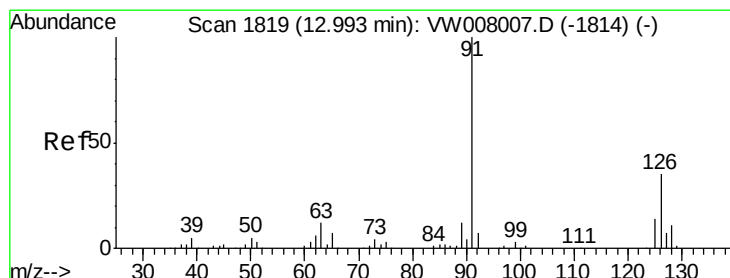
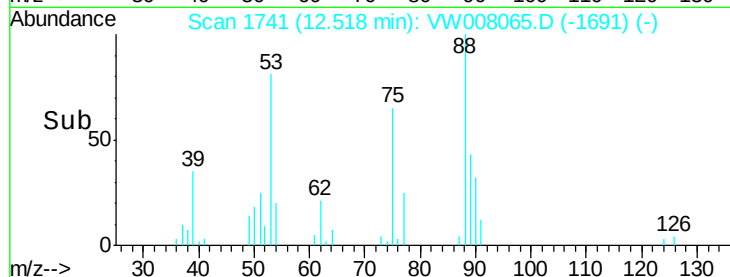
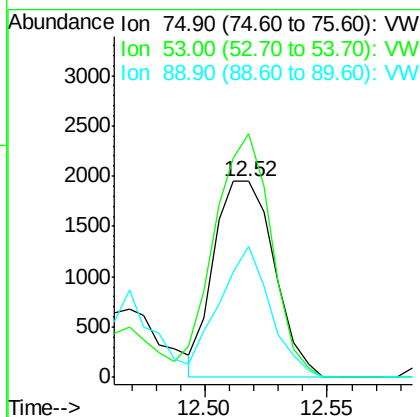
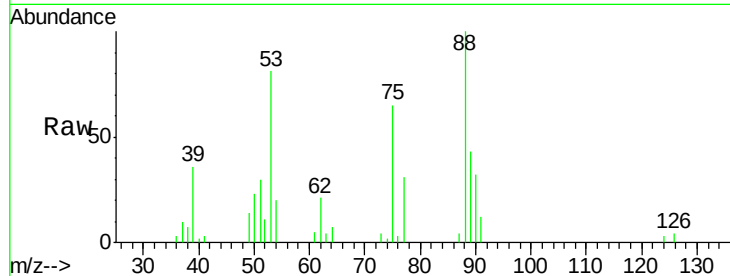
#81
trans-1,4-Dichloro-2-butene
Concen: 19.723 ug/l
RT: 12.52 min Scan# 1741
Delta R.T. 0.01 min
Lab File: VW008065.D
Acq: 07 Jan 2019 13:15

Instrument :
MSVOA_W
ClientSampleId :
VW0107SBSD01

Tot Ion	Ratio	Lower	Upper
75	100		
53	117.7	87.6	131.4
89	56.5	42.2	63.2

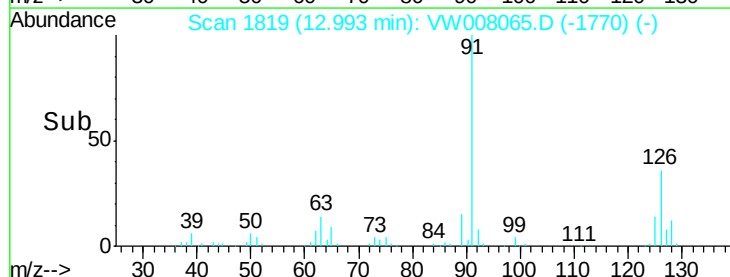
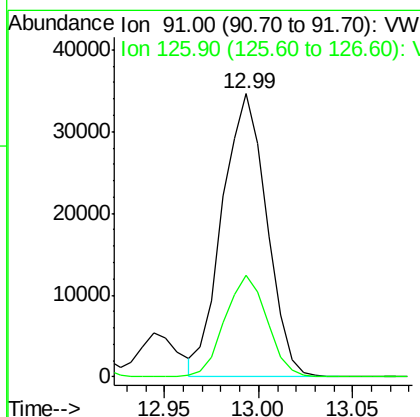
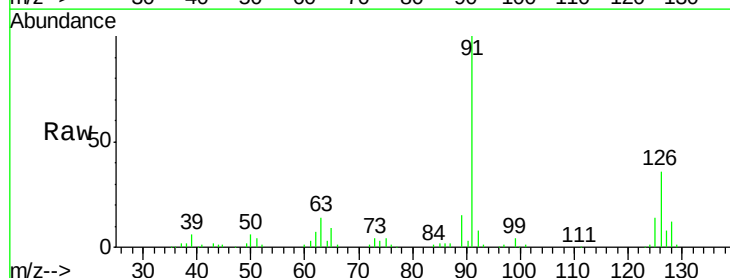
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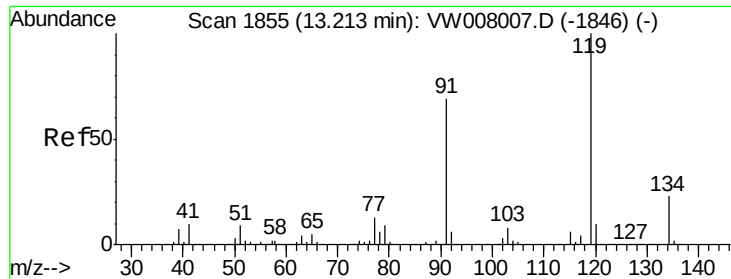
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#82
4-Chlorotoluene
Concen: 19.898 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. 0.00 min
Lab File: VW008065.D
Acq: 07 Jan 2019 13:15

Tgt Ion	Ratio	Lower	Upper
91	100		
126	34.0	16.7	50.1





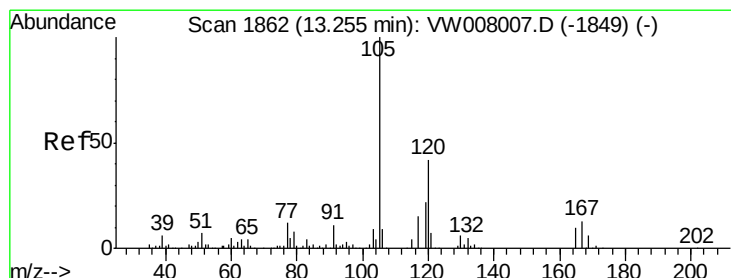
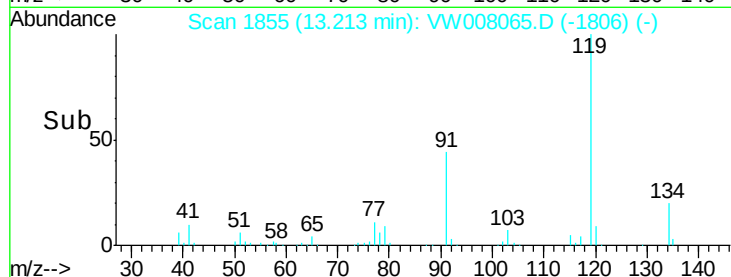
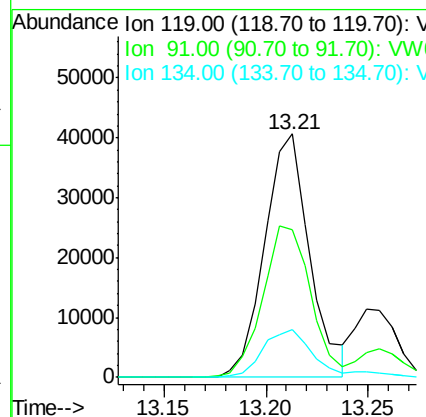
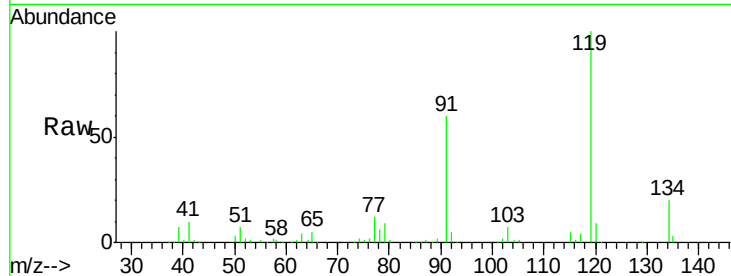
#83
 tert-Butylbenzene
 Concen: 20.842 ug/l
 RT: 13.21 min Scan# 1855
 Delta R.T. 0.00 min
 Lab File: VW008065.D
 Acq: 07 Jan 2019 13:15

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0107SBSD01

Tot Ion	Ratio	Lower	Upper
119	100		
91	66.1	34.7	104.1
134	23.2	11.5	34.4

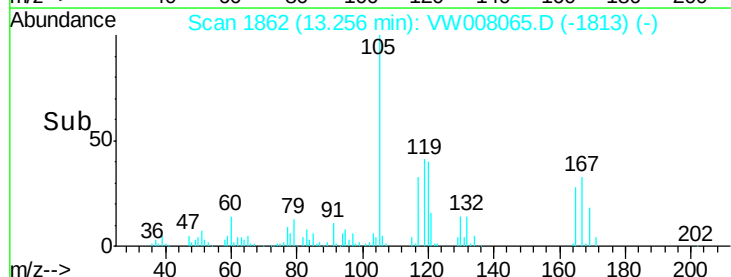
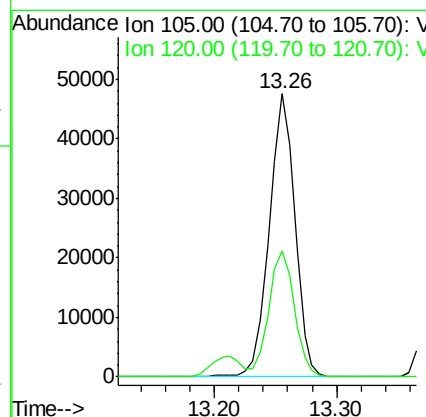
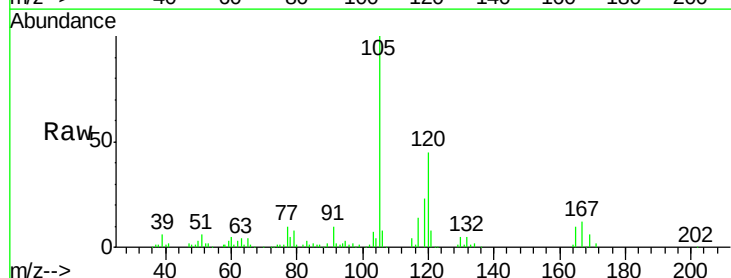
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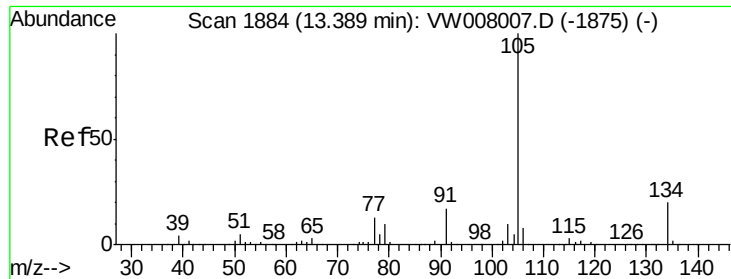
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#84
 1,2,4-Trimethylbenzene
 Concen: 20.012 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. 0.00 min
 Lab File: VW008065.D
 Acq: 07 Jan 2019 13:15

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.8	21.5	64.5





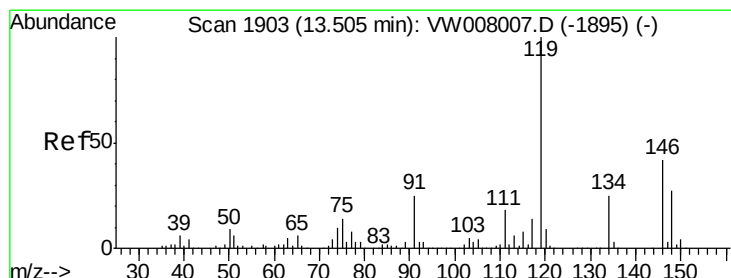
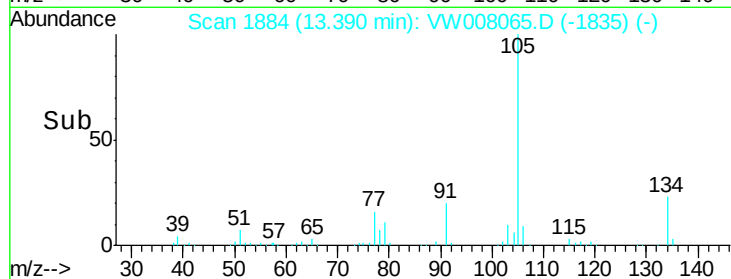
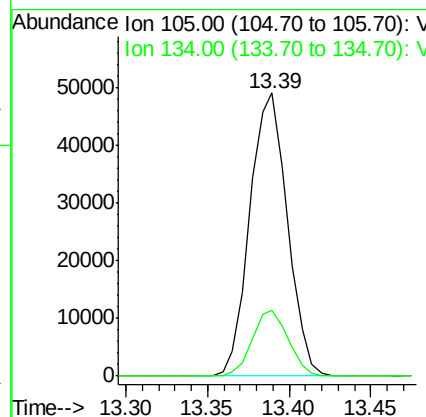
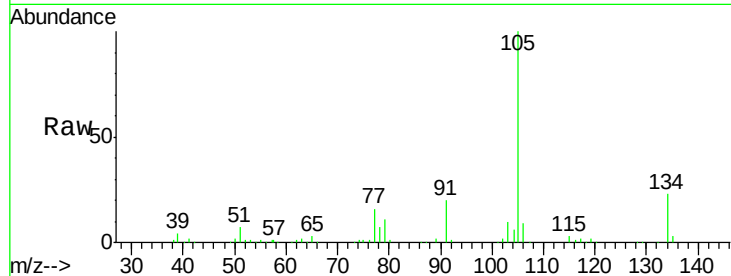
#85
 sec-Butylbenzene
 Concen: 19.009 ug/l
 RT: 13.39 min Scan# 1884
 Delta R.T. 0.00 min
 Lab File: VW008065.D
 Acq: 07 Jan 2019 13:15

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0107SBSD01

Tot Ion:105 Resp: 78661
 Ion Ratio Lower Upper
 105 100
 134 22.3 9.7 28.9

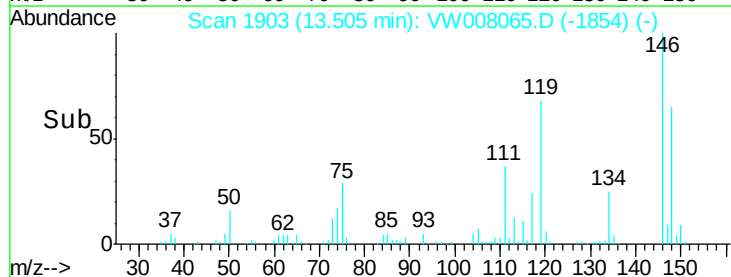
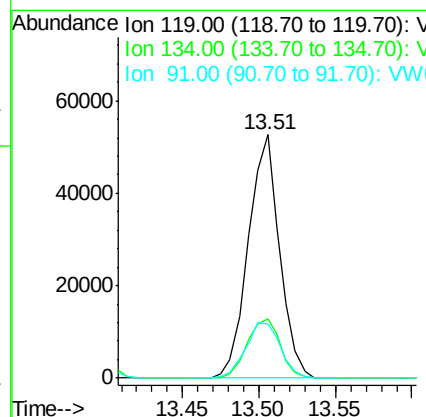
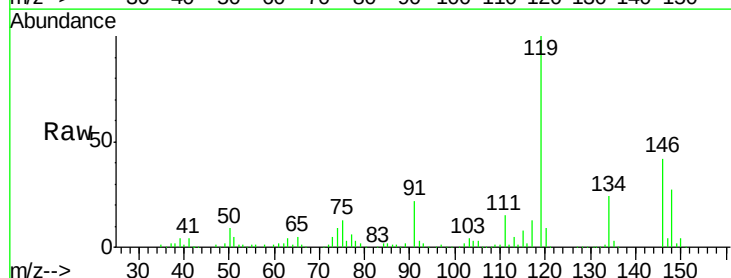
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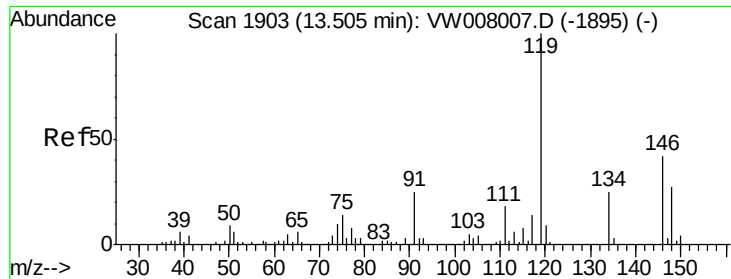
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#86
 p-Isopropyltoluene
 Concen: 19.942 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. 0.00 min
 Lab File: VW008065.D
 Acq: 07 Jan 2019 13:15

Tgt Ion:119 Resp: 74434
 Ion Ratio Lower Upper
 119 100
 134 25.9 12.5 37.5
 91 25.5 13.1 39.3





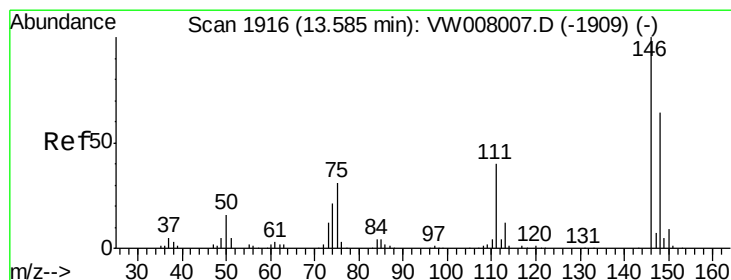
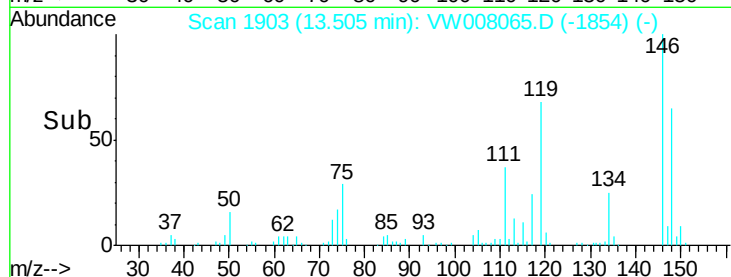
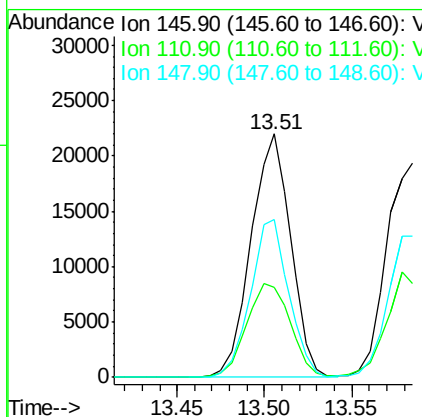
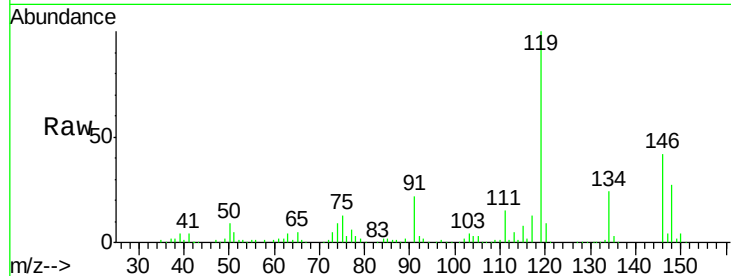
#87
 1,3-Dichlorobenzene
 Concen: 20.032 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. 0.00 min
 Lab File: VW008065.D
 Acq: 07 Jan 2019 13:15

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0107SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.3	21.4	64.2
148	62.9	31.9	95.5

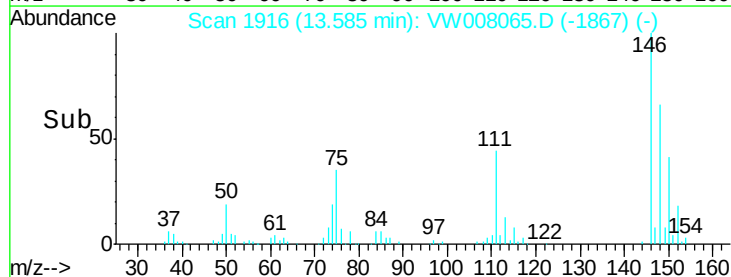
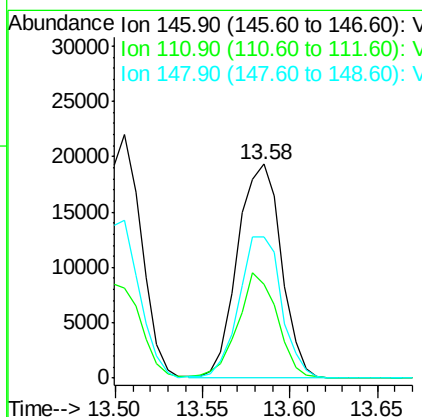
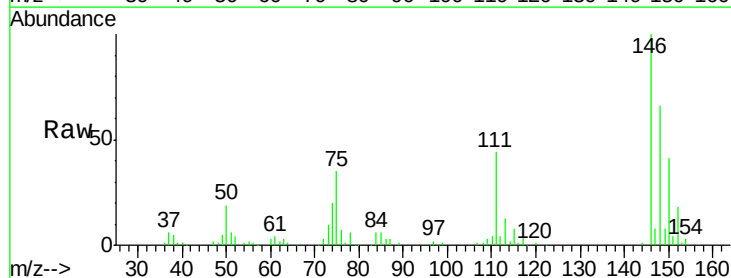
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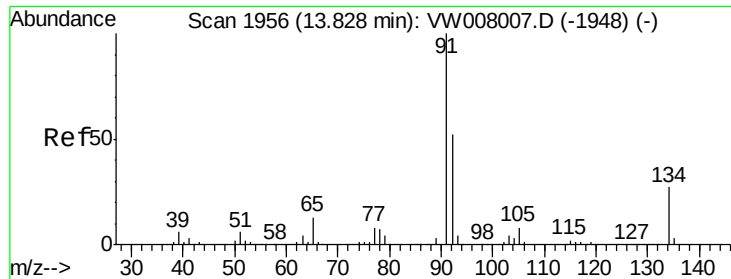
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#88
 1,4-Dichlorobenzene
 Concen: 19.656 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. 0.00 min
 Lab File: VW008065.D
 Acq: 07 Jan 2019 13:15

Tgt Ion	Ratio	Lower	Upper
146	100		
111	44.6	20.9	62.8
148	64.3	31.9	95.9





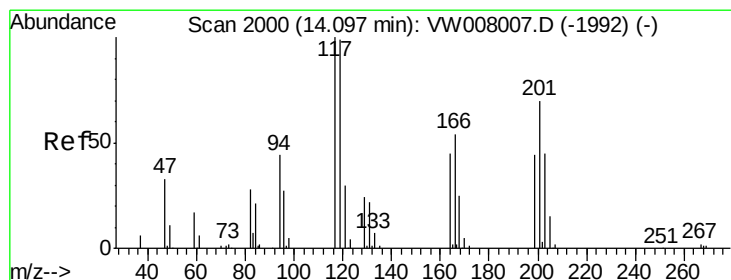
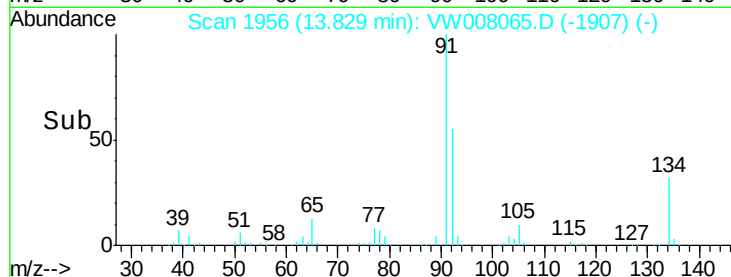
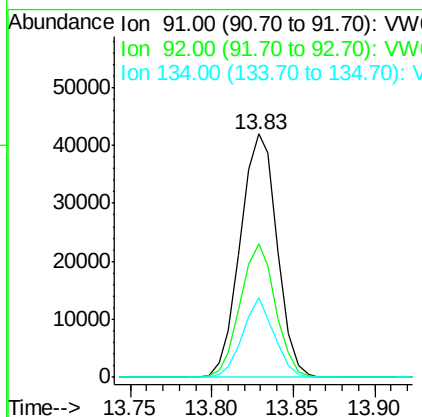
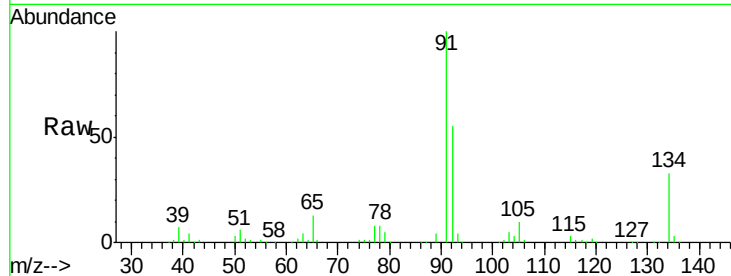
#89
n-Butylbenzene
Concen: 19.288 ug/l
RT: 13.83 min Scan# 1956
Delta R.T. 0.00 min
Lab File: VW008065.D
Acq: 07 Jan 2019 13:15

Instrument :
MSVOA_W
ClientSampleId :
VW0107SBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.5	26.4	79.2
134	28.1	13.4	40.2

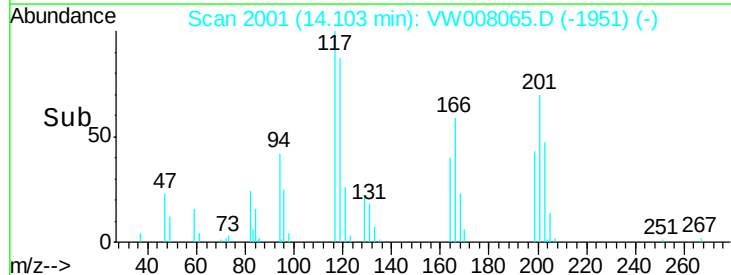
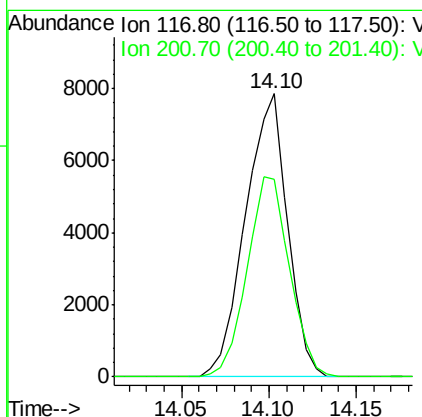
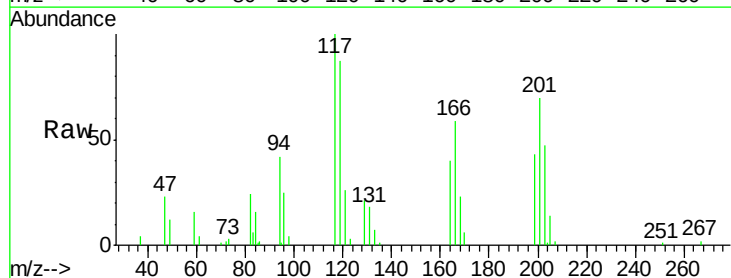
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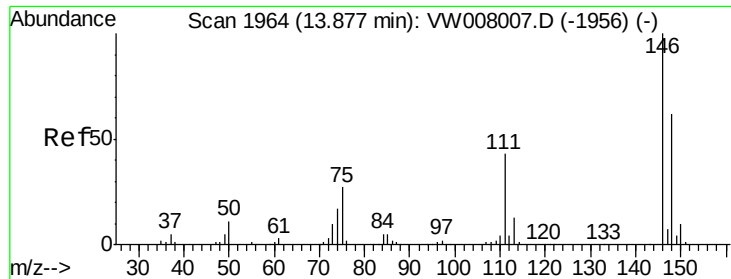
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#90
Hexachloroethane
Concen: 20.219 ug/l
RT: 14.10 min Scan# 2001
Delta R.T. 0.01 min
Lab File: VW008065.D
Acq: 07 Jan 2019 13:15

Tgt Ion	Ratio	Lower	Upper
117	100		
201	71.4	37.1	111.5





#91

1,2-Dichlorobenzene

Concen: 19.799 ug/l

RT: 13.88 min Scan# 1964

Delta R.T. 0.00 min

Lab File: VW008065.D

Acq: 07 Jan 2019 13:15

Instrument :

MSVOA_W

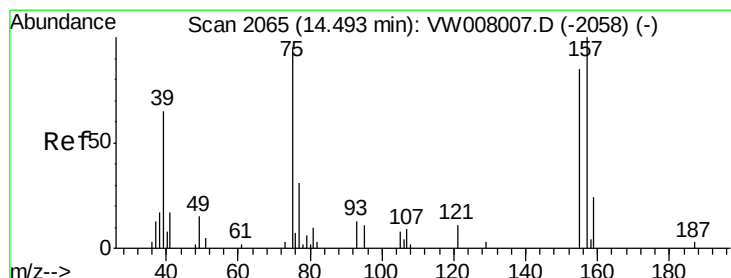
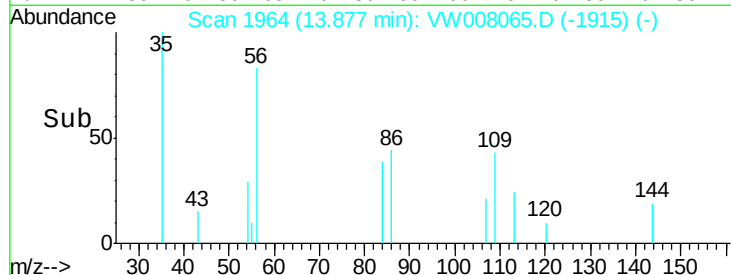
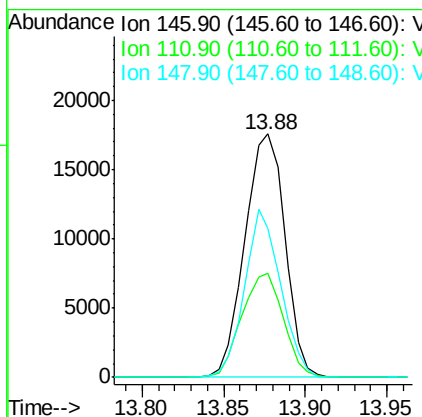
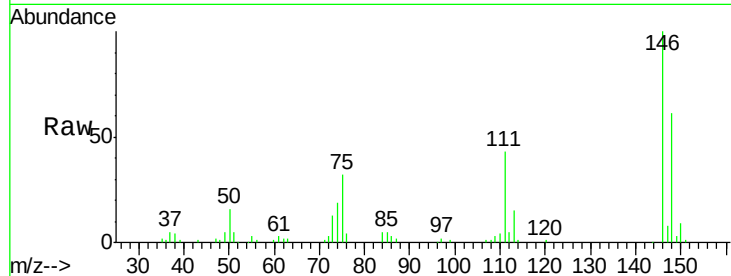
ClientSampled :

VW0107SBS01

Tot Ion:	146	Resp:	30140
Ion Ratio	Lower	Upper	
146	100		
111	44.2	22.6	67.7
148	62.3	32.1	96.3

Manual Integrations
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#92

1,2-Dibromo-3-Chloropropane

Concen: 20.552 ug/l

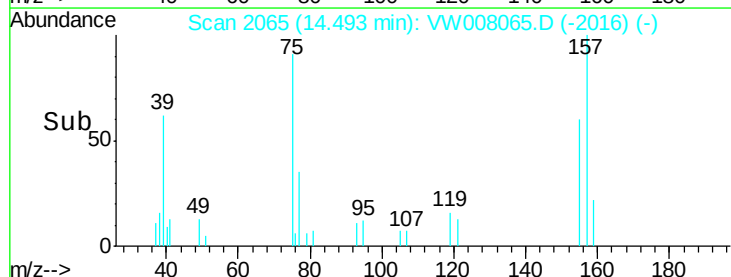
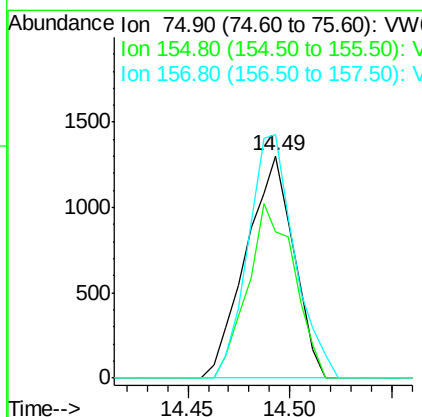
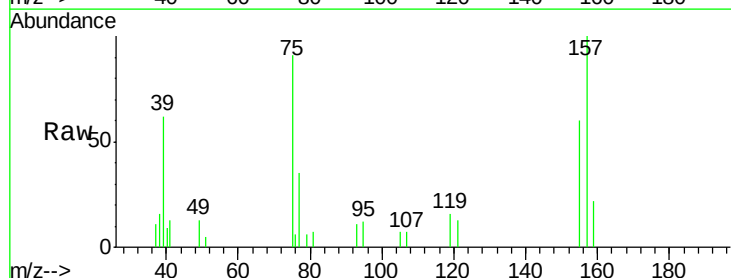
RT: 14.49 min Scan# 2065

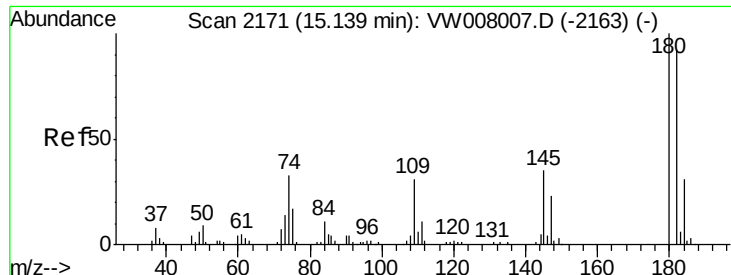
Delta R.T. 0.00 min

Lab File: VW008065.D

Acq: 07 Jan 2019 13:15

Tgt Ion:	75	Resp:	2120
Ion Ratio	Lower	Upper	
75	100		
155	76.4	42.4	127.1
157	106.0	52.3	156.8





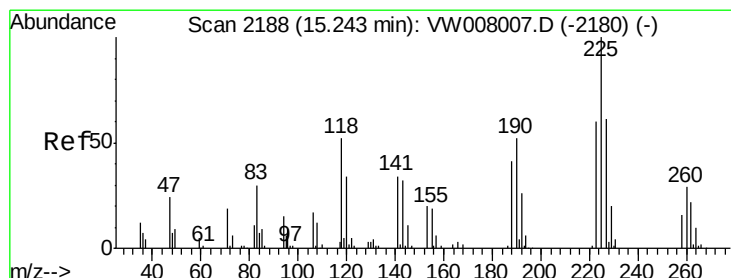
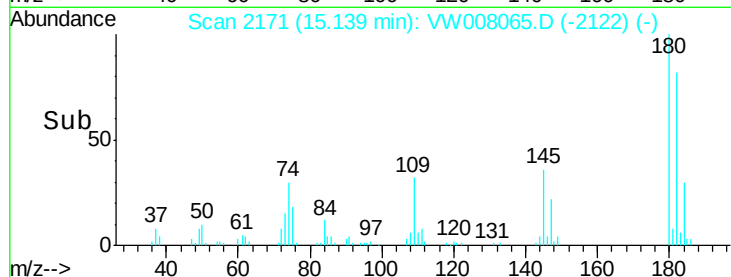
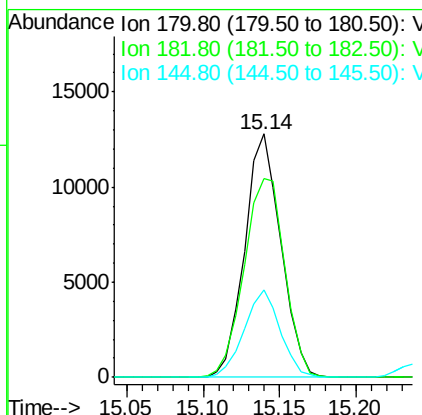
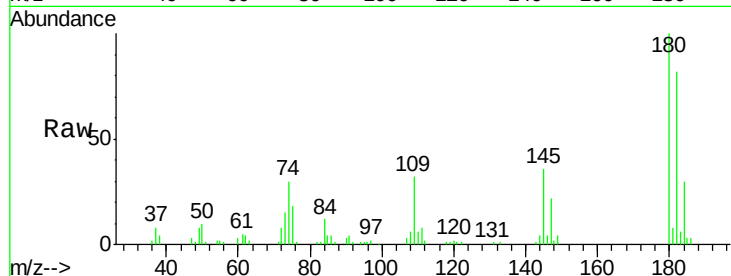
#93
 1,2,4-Trichlorobenzene
 Concen: 19.639 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. 0.00 min
 Lab File: VW008065.D
 Acq: 07 Jan 2019 13:15

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0107SBS01

Tot Ion	Ratio	Lower	Upper
180	100		
182	92.0	46.6	139.8
145	35.7	17.2	51.6

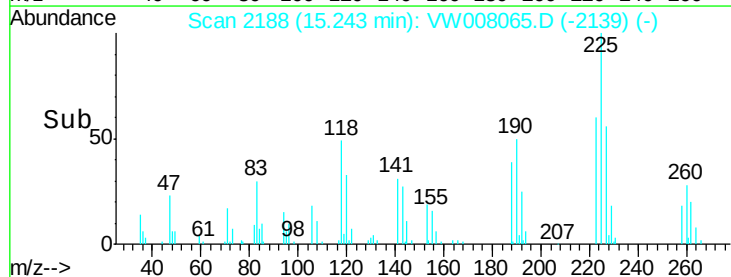
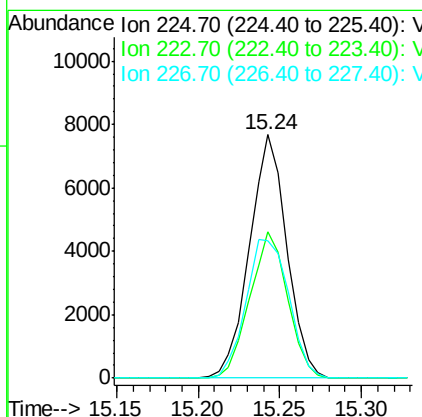
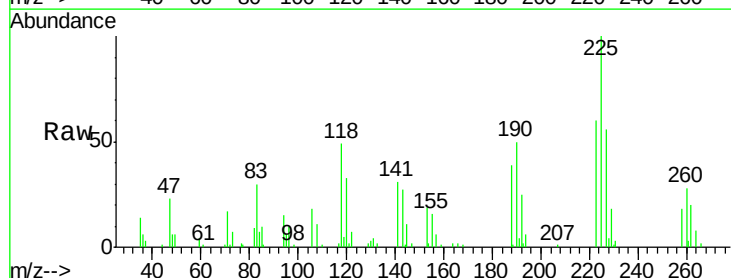
Manual Integrations
 APPROVED

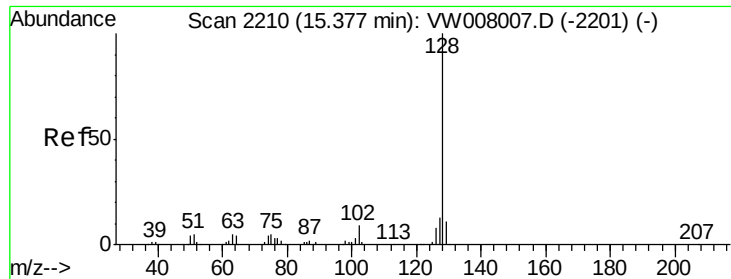
MMDadoda
 1/8/2019 11:53:38 AM



#94
 Hexachlorobutadiene
 Concen: 19.721 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. 0.00 min
 Lab File: VW008065.D
 Acq: 07 Jan 2019 13:15

Tgt Ion	Ratio	Lower	Upper
225	100		
223	60.8	30.6	92.0
227	65.7	31.3	93.8





#95

Naphthalene

Concen: 20.415 ug/l

RT: 15.38 min Scan# 2210

Delta R.T. 0.00 min

Lab File: VW008065.D

Acq: 07 Jan 2019 13:15

Instrument :

MSVOA_W

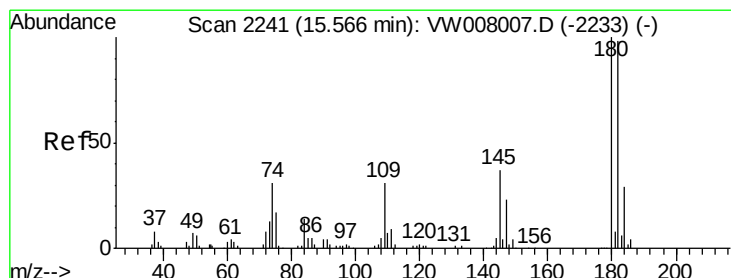
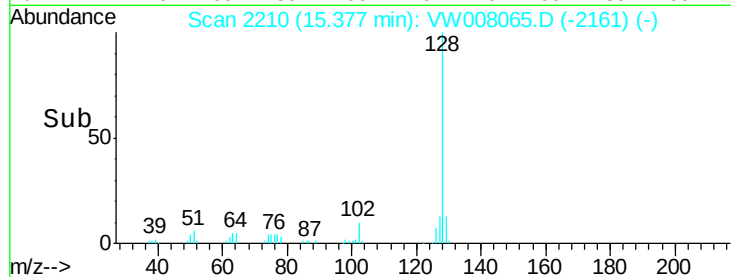
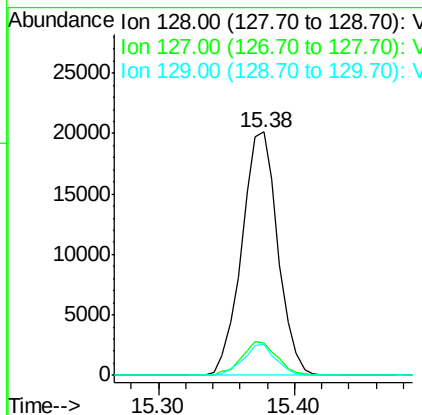
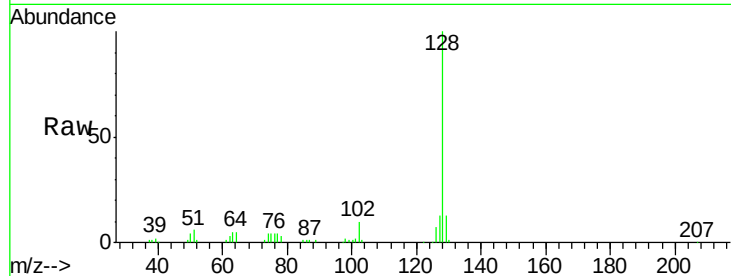
ClientSampleId :

VW0107SBS01

Tot Ion:128	Resp:	37173
Ion Ratio	Lower	Upper
128	100	
127	13.8	10.8 16.2
129	11.6	8.8 13.2

Manual Integrations
APPROVED

MMDadoda
1/8/2019 11:53:38 AM



#96

1,2,3-Trichlorobenzene

Concen: 19.913 ug/l

RT: 15.56 min Scan# 2240

Delta R.T. -0.01 min

Lab File: VW008065.D

Acq: 07 Jan 2019 13:15

Tgt Ion:180	Resp:	17518
Ion Ratio	Lower	Upper
180	100	
182	94.2	47.9 143.8
145	37.7	18.7 56.1

