

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW011419\
 Data File : VW008265.D
 Acq On : 15 Jan 2019 01:24
 Operator : SY/VA
 Sample : VW0114SBS02
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0114SBS02

Manual Integrations
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 1/15/2019 2:08:58 PM

Quant Time: Jan 15 11:12:02 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W010819S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 09 04:40:48 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	80520	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	140267	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	132008	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	66309	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	45530	50.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.62%	
35) Dibromofluoromethane	7.88	113	44042	53.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.68%	
50) Toluene-d8	10.32	98	174392	50.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.60%	
62) 4-Bromofluorobenzene	12.62	95	61946	50.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.66%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.01	85	12327	18.758	ug/l	91
3) Chloromethane	2.21	50	15881	18.628	ug/l	98
4) Vinyl Chloride	2.37	62	21026	18.896	ug/l	95
5) Bromomethane	2.79	94	19153	22.978	ug/l	92
6) Chloroethane	2.92	64	15386	18.376	ug/l	95
7) Trichlorofluoromethane	3.26	101	15655	17.306	ug/l	94
8) Diethyl Ether	3.67	74	10890	21.295	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.06	101	17712	19.721	ug/l	95
10) Methyl Iodide	4.26	142	26744	20.431	ug/l	98
11) Tert butyl alcohol	5.22	59	5716	85.169	ug/l #	100
12) 1,1-Dichloroethene	4.03	96	17388	19.719	ug/l	87
13) Acrolein	3.90	56	5077	83.269	ug/l	97
14) Allyl chloride	4.67	41	29131	18.196	ug/l	97
15) Acrylonitrile	5.38	53	23794	122.211	ug/l	99
16) Acetone	4.15	43	18438	100.718	ug/l #	86
17) Carbon Disulfide	4.37	76	51455	18.680	ug/l	99
18) Methyl Acetate	4.68	43	13827	24.174	ug/l	96
19) Methyl tert-butyl Ether	5.43	73	29678	20.703	ug/l	96
20) Methylene Chloride	4.90	84	21488	21.363	ug/l	90
21) trans-1,2-Dichloroethene	5.42	96	20168	21.047	ug/l	91
22) Diisopropyl ether	6.31	45	62778	20.561	ug/l	99
23) Vinyl Acetate	6.26	43	173944	108.471	ug/l	97
24) 1,1-Dichloroethane	6.21	63	37291	20.961	ug/l	98
25) 2-Butanone	7.18	43	28656	113.808	ug/l	97
26) 2,2-Dichloropropane	7.17	77	21872	18.145	ug/l	95
27) cis-1,2-Dichloroethene	7.17	96	21964	21.008	ug/l	93
28) Bromochloromethane	7.51	49	15042	21.376	ug/l	95
29) Tetrahydrofuran	7.54	42	19599	116.526	ug/l	96
30) Chloroform	7.68	83	35785	21.132	ug/l	93
31) Cyclohexane	7.95	56	33130	17.396	ug/l	94
32) 1,1,1-Trichloroethane	7.87	97	30200	20.496	ug/l	99
36) 1,1-Dichloropropene	8.09	75	28571	19.774	ug/l	98
37) Ethyl Acetate	7.26	43	13355	23.071	ug/l	96
38) Carbon Tetrachloride	8.07	117	27587	20.860	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	33316	18.185	ug/l	96
40) Benzene	8.32	78	82505	21.053	ug/l	99
41) Methacrylonitrile	7.49	41	8054	22.025	ug/l	94
42) 1,2-Dichloroethane	8.40	62	23734	21.533	ug/l	99
43) Isopropyl Acetate	8.43	43	25041	21.636	ug/l	97
44) Trichloroethene	9.09	130	22102	22.031	ug/l	92
45) 1,2-Dichloropropane	9.37	63	21047	21.659	ug/l	94
46) Dibromomethane	9.46	93	11054	23.163	ug/l	97
47) Bromodichloromethane	9.64	83	26261	21.672	ug/l	98
48) Methyl methacrylate	9.43	41	12240	22.413	ug/l	91
49) 1,4-Dioxane	9.48	88	3518	458.394	ug/l #	84
51) 4-Methyl-2-Pentanone	10.21	43	67998	121.374	ug/l	99
52) Toluene	10.39	92	53900	21.536	ug/l	100
53) t-1,3-Dichloropropene	10.60	75	26587	21.093	ug/l	97
54) cis-1,3-Dichloropropene	10.07	75	30482	20.394	ug/l	95
55) 1,1,2-Trichloroethane	10.79	97	15309	22.849	ug/l	93
56) Ethyl methacrylate	10.65	69	18933	22.817	ug/l	97
57) 1,3-Dichloropropane	10.93	76	27882	22.754	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.93	63	49921	116.471	ug/l	98
59) 2-Hexanone	10.97	43	43920	115.928	ug/l	99
60) Dibromochloromethane	11.13	129	18071	24.561	ug/l	99
61) 1,2-Dibromoethane	11.24	107	15174	23.868	ug/l	99
64) Tetrachloroethene	10.86	164	18892	21.990	ug/l	97
65) Chlorobenzene	11.66	112	58689	20.985	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.73	131	19505	21.443	ug/l	99
67) Ethyl Benzene	11.73	91	100586	19.657	ug/l	99
68) m/p-Xylenes	11.84	106	78929	40.411	ug/l	99
69) o-Xylene	12.16	106	36210	20.020	ug/l	99
70) Styrene	12.18	104	60109	21.217	ug/l	98
71) Bromoform	12.35	173	10402	25.551	ug/l #	96
73) Isopropylbenzene	12.47	105	99902	19.190	ug/l	100
74) N-amyl acetate	12.27	43	24146	20.944	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	19929	23.917	ug/l	96
76) 1,2,3-Trichloropropane	12.77	75	13713m	22.686	ug/l	
77) Bromobenzene	12.75	156	22938	20.853	ug/l	93
78) n-propylbenzene	12.81	91	120746	18.930	ug/l	98
79) 2-Chlorotoluene	12.90	91	68013	19.112	ug/l	98
80) 1,3,5-Trimethylbenzene	12.94	105	83941	19.622	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	4943	19.042	ug/l	90
82) 4-Chlorotoluene	12.99	91	71455	19.065	ug/l	96
83) tert-Butylbenzene	13.21	119	75330	19.904	ug/l	95
84) 1,2,4-Trimethylbenzene	13.26	105	87443	19.818	ug/l	99
85) sec-Butylbenzene	13.39	105	108193	19.515	ug/l	99
86) p-Isopropyltoluene	13.51	119	93730	19.578	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	46965	21.048	ug/l	97
88) 1,4-Dichlorobenzene	13.58	146	45095	20.143	ug/l	98
89) n-Butylbenzene	13.83	91	88753	18.928	ug/l	99
90) Hexachloroethane	14.10	117	16950	20.961	ug/l	96
91) 1,2-Dichlorobenzene	13.87	146	42420	21.632	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	3153	23.512	ug/l	91

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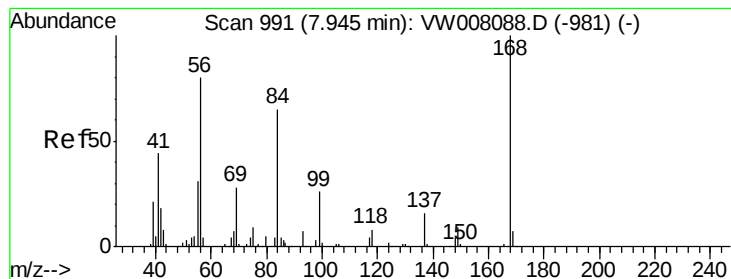
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	27234	20.917	ug/l	98
94) Hexachlorobutadiene	15.24	225	14872	21.341	ug/l	98
95) Naphthalene	15.37	128	51530	21.197	ug/l	97
96) 1,2,3-Trichlorobenzene	15.56	180	24259	21.857	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW008265.D

Acq: 15 Jan 2019 01:24

Instrument :

MSVOA_W

ClientSampleId :

VW0114SBS02

Tot Ion:168 Resp: 80520

Ion Ratio Lower Upper

168 100

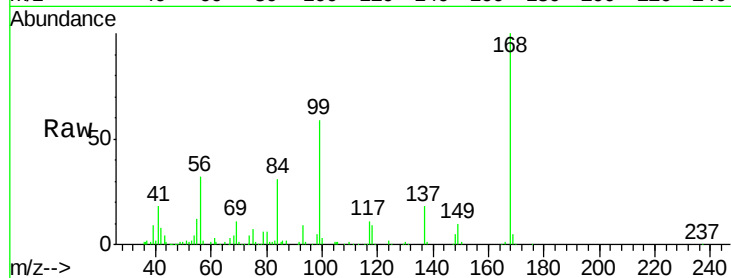
99 58.3 52.6 78.8

Manual Integrations

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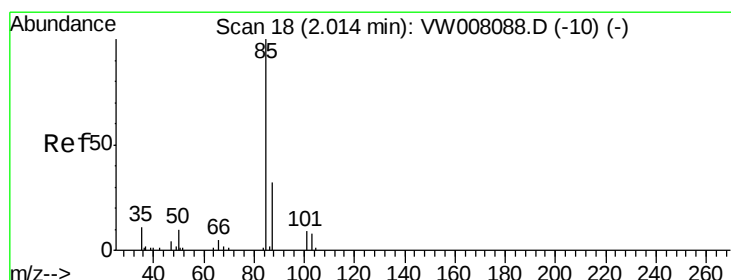
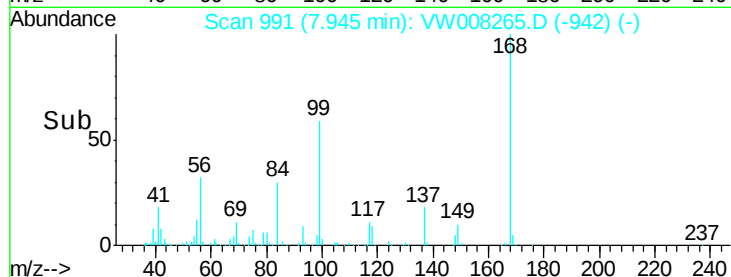
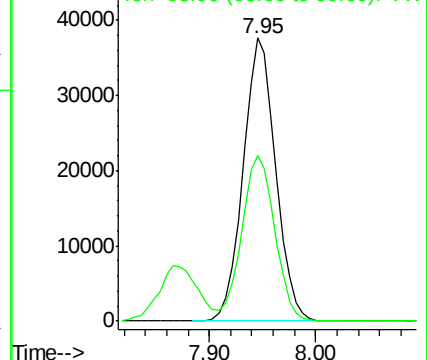
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: 18.758 ug/l

RT: 2.01 min Scan# 17

Delta R.T. -0.01 min

Lab File: VW008265.D

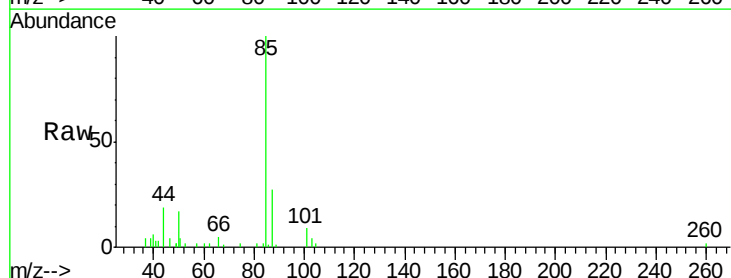
Acq: 15 Jan 2019 01:24

Tgt Ion: 85 Resp: 12327

Ion Ratio Lower Upper

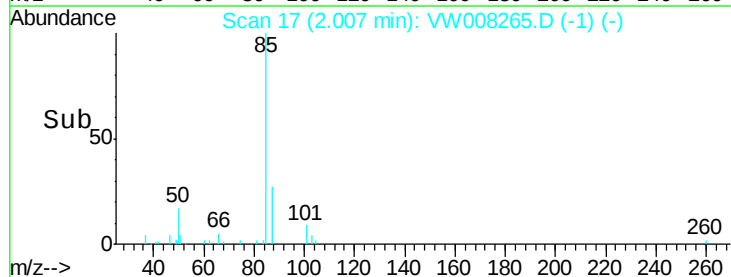
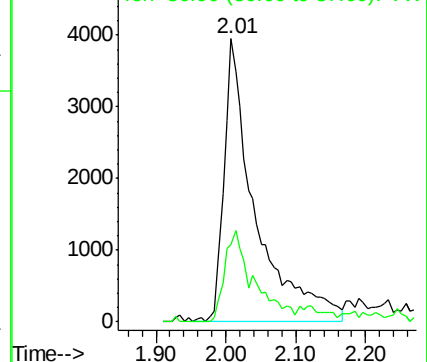
85 100

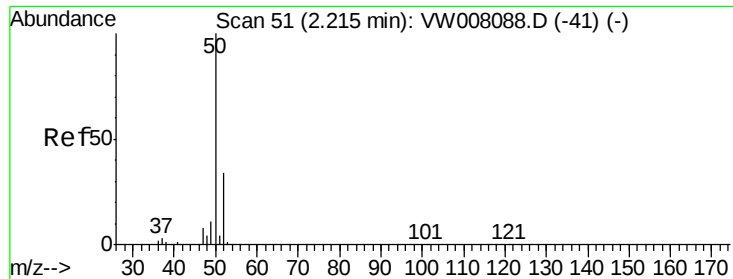
87 27.2 16.1 48.3



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#3

Chloromethane

Concen: 18.628 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.00 min

Lab File: VW008265.D

Acq: 15 Jan 2019 01:24

Instrument :

MSVOA_W

ClientSampleId :

VW0114SBS02

Tot Ion: 50 Resp: 15881

Ion Ratio Lower Upper

50 100

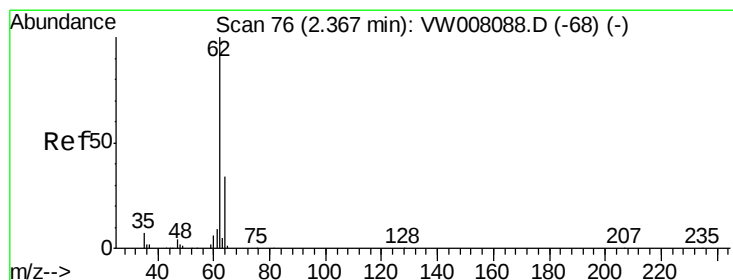
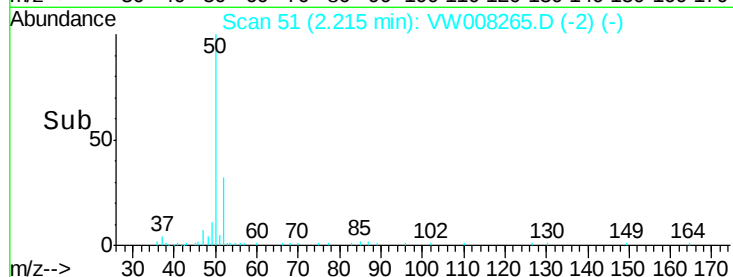
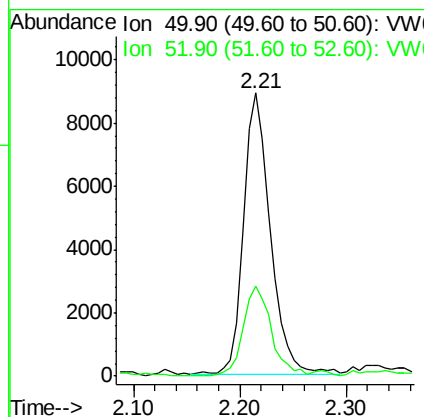
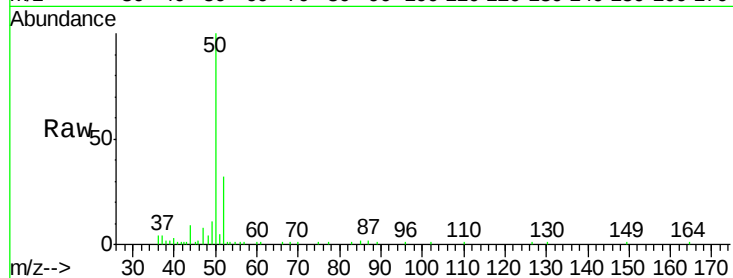
52 32.2 26.8 40.2

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#4

Vinyl Chloride

Concen: 18.896 ug/l

RT: 2.37 min Scan# 76

Delta R.T. -0.00 min

Lab File: VW008265.D

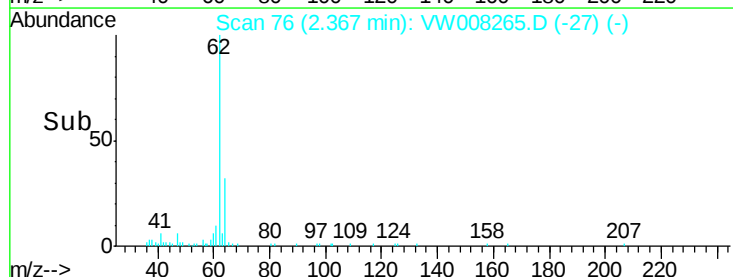
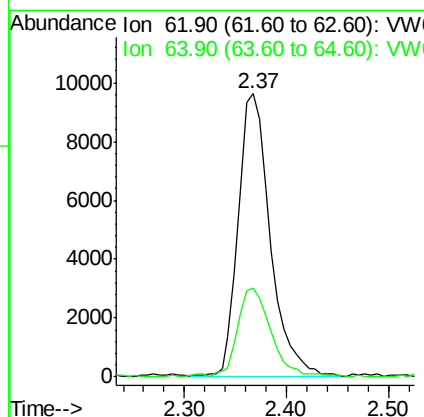
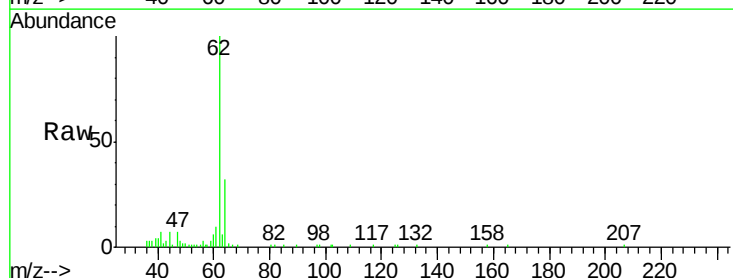
Acq: 15 Jan 2019 01:24

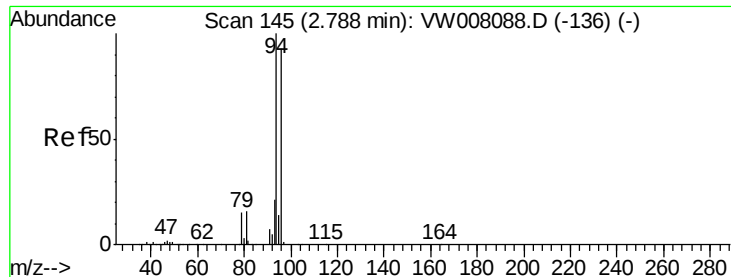
Tgt Ion: 62 Resp: 21026

Ion Ratio Lower Upper

62 100

64 31.0 27.0 40.6





#5

Bromomethane

Concen: 22.978 ug/l

RT: 2.79 min Scan# 145

Delta R.T. -0.00 min

Lab File: VW008265.D

Acq: 15 Jan 2019 01:24

Instrument :

MSVOA_W

ClientSampleId :

VW0114SBS02

Tot Ion: 94 Resp: 19153

Ion Ratio Lower Upper

94 100

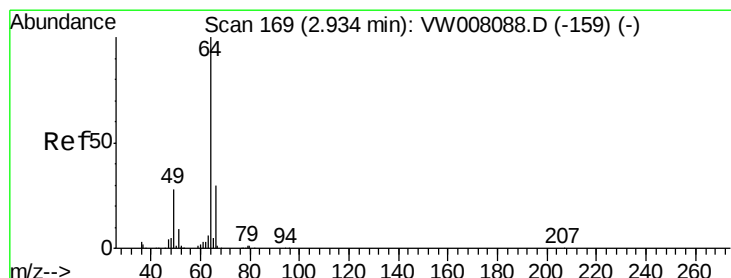
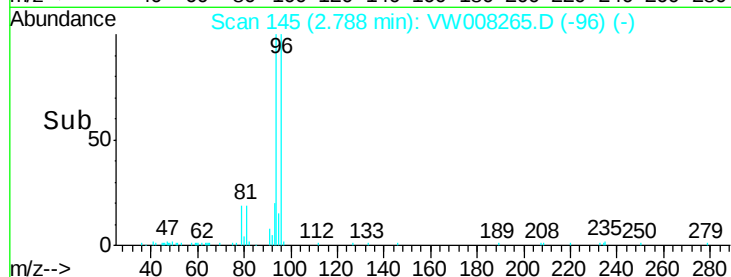
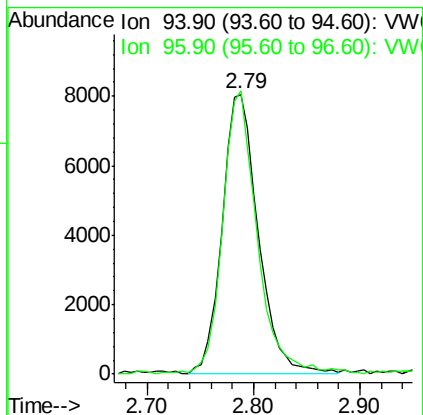
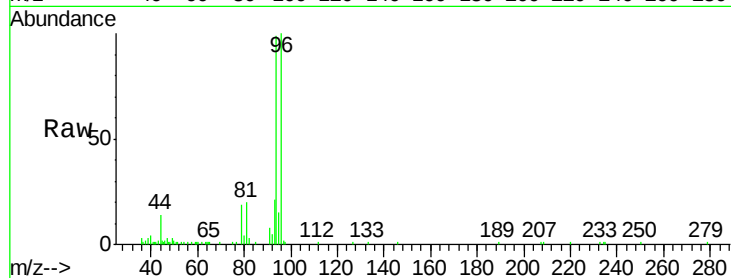
96 100.3 74.1 111.1

Manual Integrations

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#6

Chloroethane

Concen: 18.376 ug/l

RT: 2.92 min Scan# 166

Delta R.T. -0.02 min

Lab File: VW008265.D

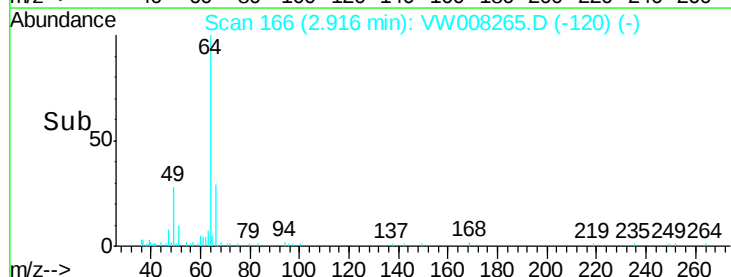
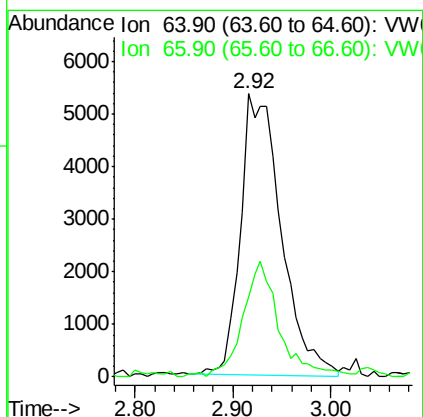
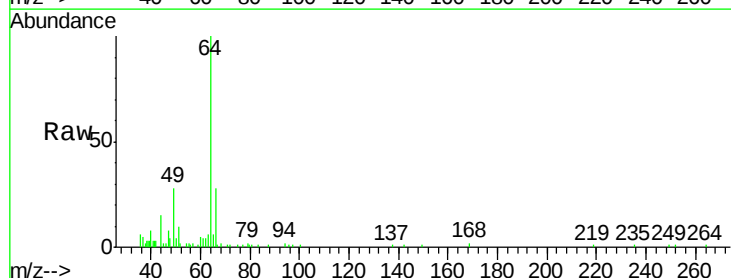
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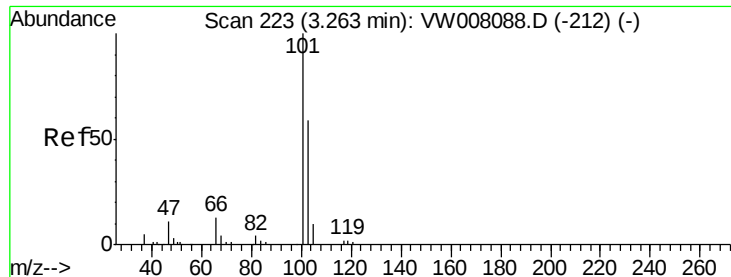
Tgt Ion: 64 Resp: 15386

Ion Ratio Lower Upper

64 100

66 27.3 24.2 36.2





#7

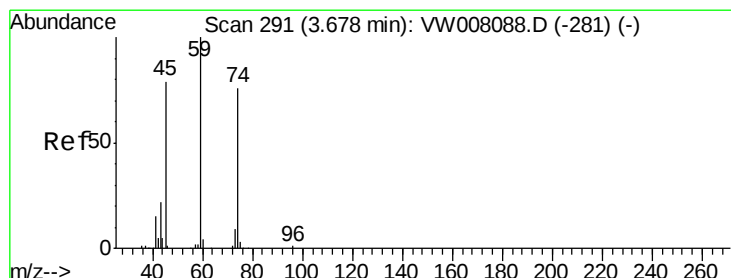
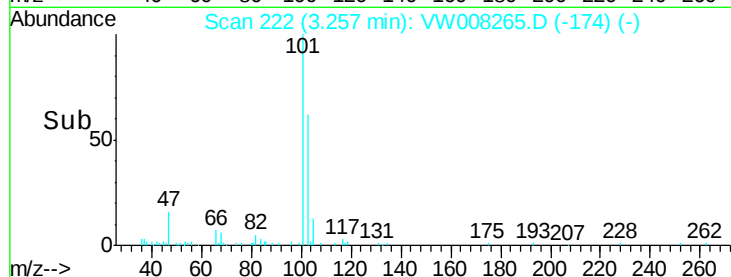
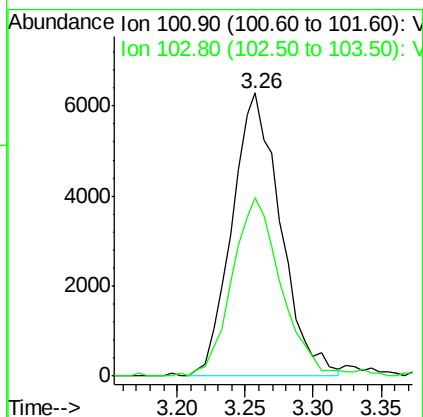
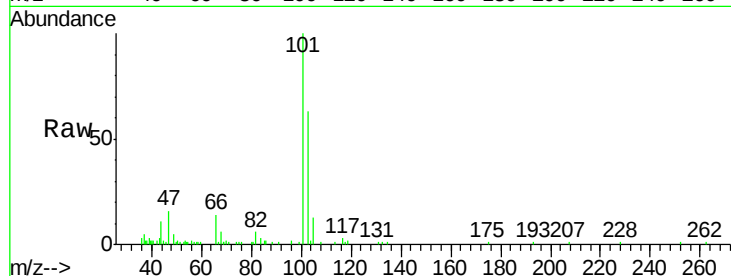
Trichlorofluoromethane
 Concen: 17.306 ug/l
 RT: 3.26 min Scan# 222
 Delta R.T. -0.01 min
 Lab File: VW008265.D
 Acq: 15 Jan 2019 01:24

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 VW0114SBS02

Tot Ion	Ratio	Lower	Upper
101	100		
103	63.0	47.0	70.6

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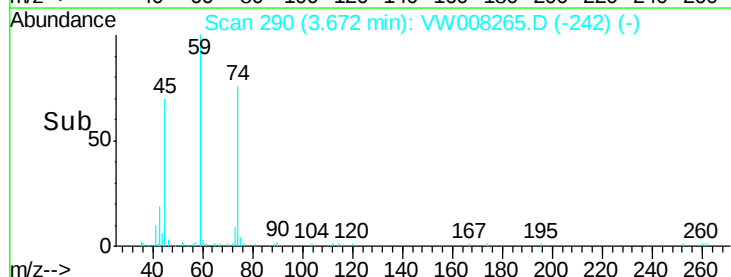
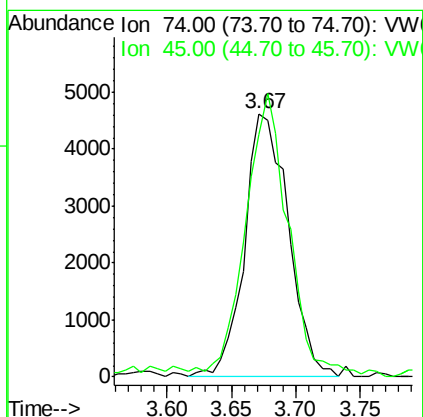
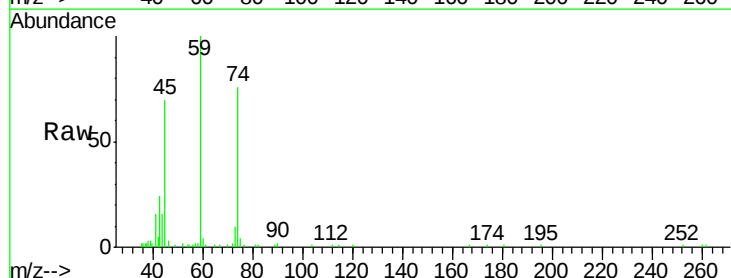
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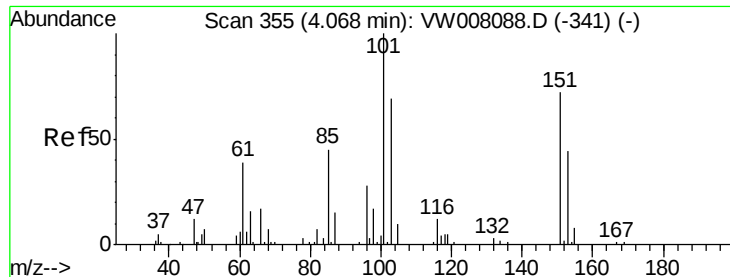


#8

Diethyl Ether
 Concen: 21.295 ug/l
 RT: 3.67 min Scan# 290
 Delta R.T. -0.01 min
 Lab File: VW008265.D
 Acq: 15 Jan 2019 01:24

Tgt Ion	Ratio	Lower	Upper
74	100		
45	106.7	52.4	157.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.721 ug/l

RT: 4.06 min Scan# 354

Delta R.T. -0.01 min

Lab File: VW008265.D

Acq: 15 Jan 2019 01:24

Instrument :

MSVOA_W

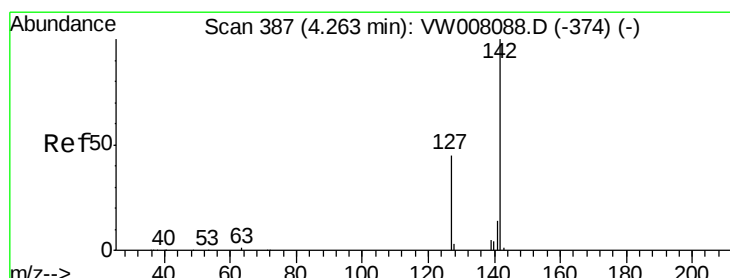
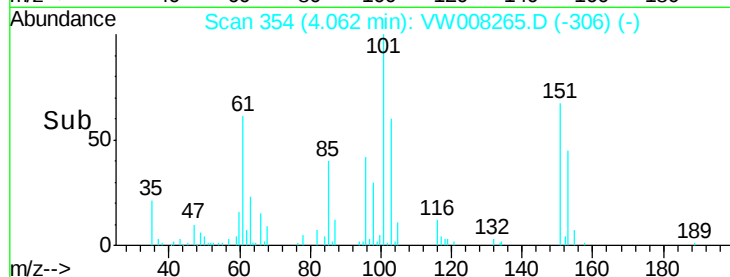
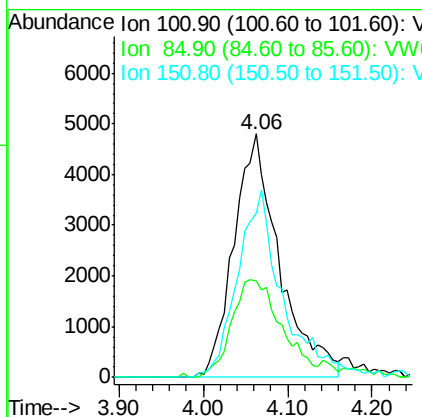
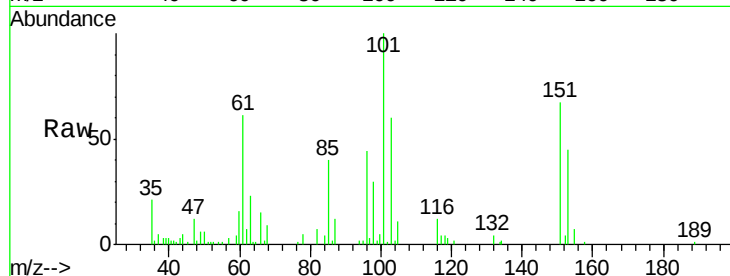
ClientSampleId :

VW0114SBS02

Tot Ion:	101	Resp:	17712
Ion Ratio	Lower	Upper	
101	100		
85	43.6	35.9	53.9
151	75.5	55.8	83.8

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#10

Methyl Iodide

Concen: 20.431 ug/l

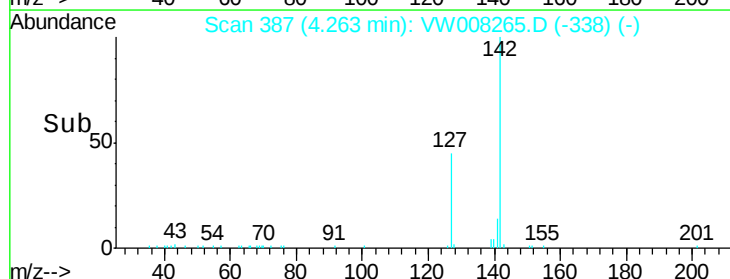
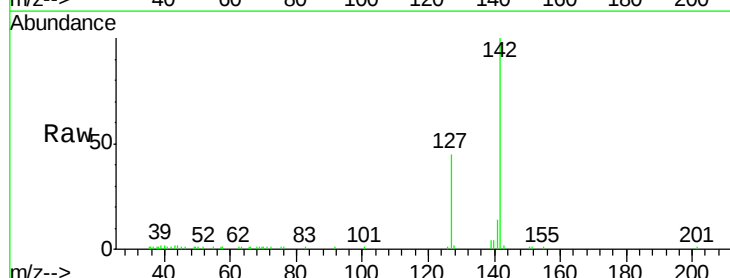
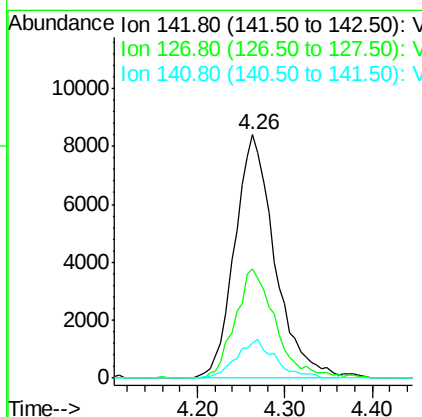
RT: 4.26 min Scan# 387

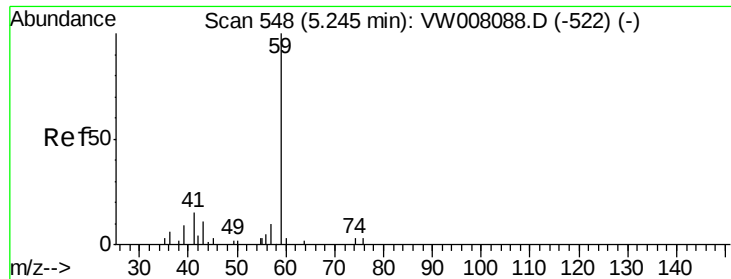
Delta R.T. -0.00 min

Lab File: VW008265.D

Acq: 15 Jan 2019 01:24

Tgt Ion:	142	Resp:	26744
Ion Ratio	Lower	Upper	
142	100		
127	44.9	35.0	52.4
141	15.3	11.8	17.6





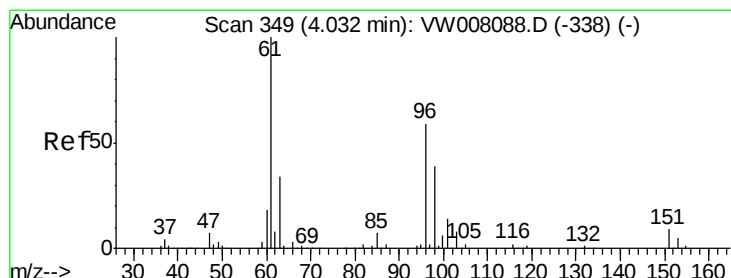
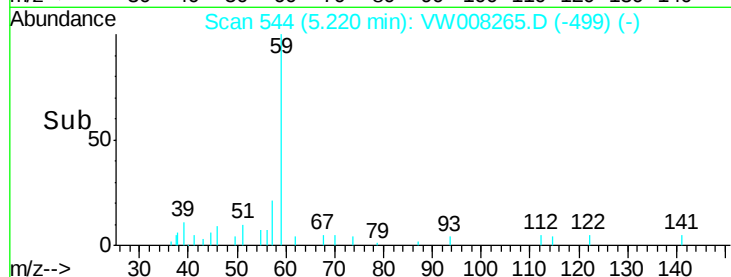
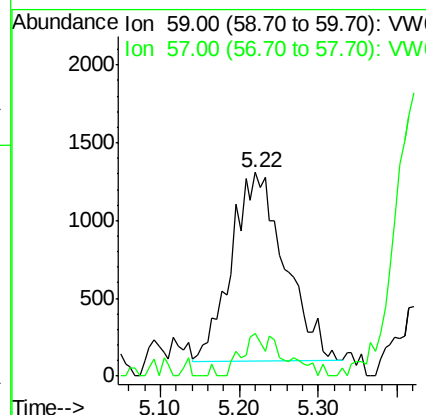
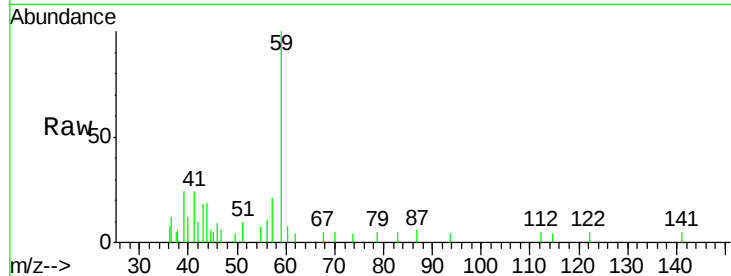
#11
Tert butyl alcohol
Concen: 85.169 ug/l
RT: 5.22 min Scan# 544
Delta R.T. -0.02 min
Lab File: VW008265.D
Acq: 15 Jan 2019 01:24

Instrument :
MSVOA_W
ClientSampleId :
VW0114SBS02

Tot Ion	Ratio	Resp	Lower	Upper
59	100	5716		
57	9.0	0.0	0.0	0.0

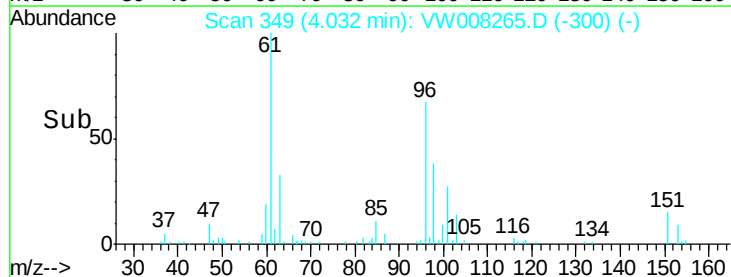
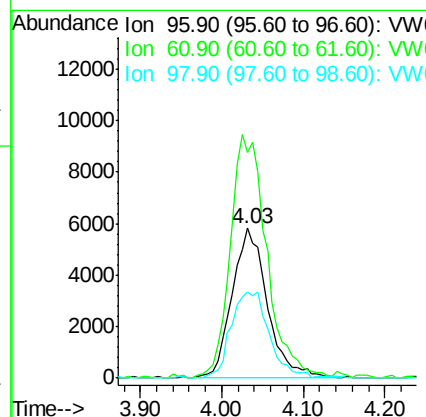
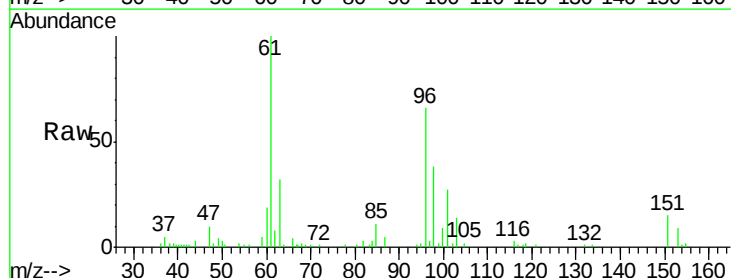
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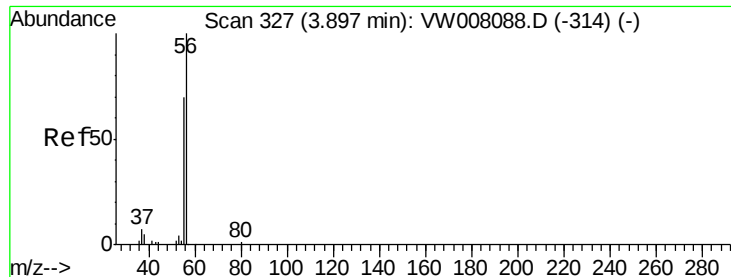
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#12
1,1-Dichloroethene
Concen: 19.719 ug/l
RT: 4.03 min Scan# 349
Delta R.T. -0.00 min
Lab File: VW008265.D
Acq: 15 Jan 2019 01:24

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	17388		
61	150.8	135.4	203.2	
98	57.5	52.5	78.7	





#13

Acrolein

Concen: 83.269 ug/l

RT: 3.90 min Scan# 327

Delta R.T. 0.00 min

Lab File: VW008265.D

Acq: 15 Jan 2019 01:24

Instrument :

MSVOA_W

ClientSampleId :

VW0114SBS02

Tot Ion: 56 Resp: 5077

Ion Ratio Lower Upper

56 100

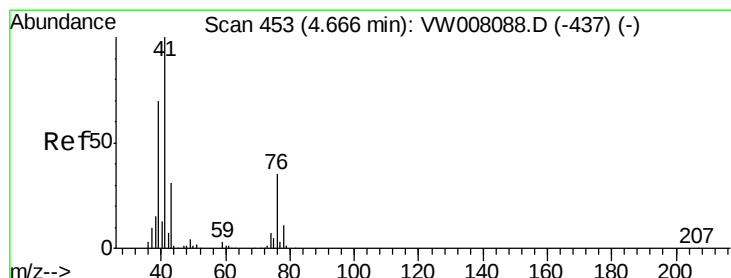
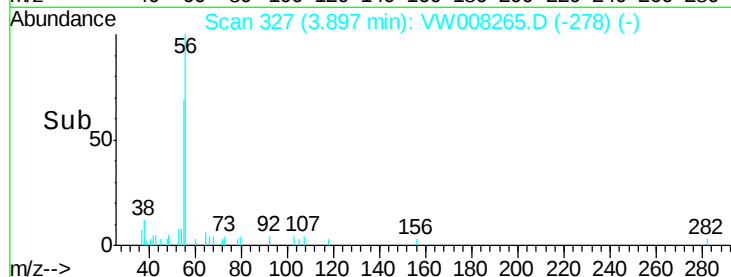
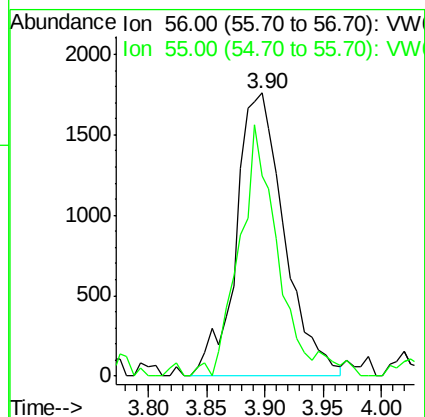
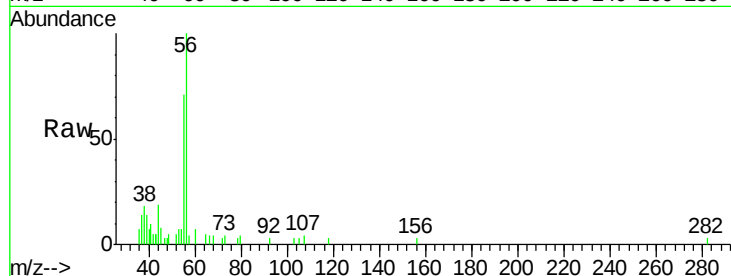
55 67.9 56.6 84.8

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#14

Allyl chloride

Concen: 18.196 ug/l

RT: 4.67 min Scan# 453

Delta R.T. -0.00 min

Lab File: VW008265.D

Acq: 15 Jan 2019 01:24

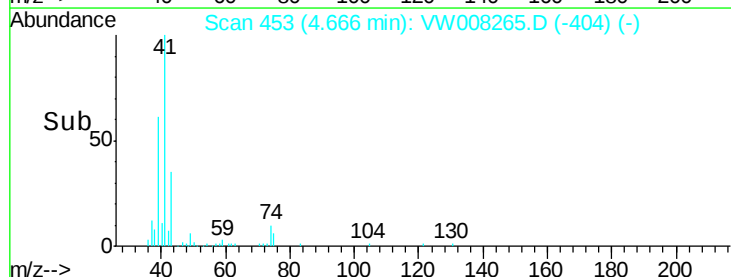
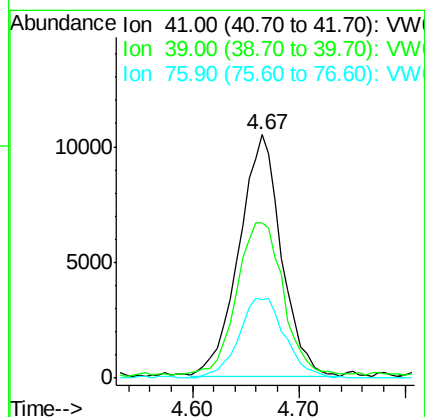
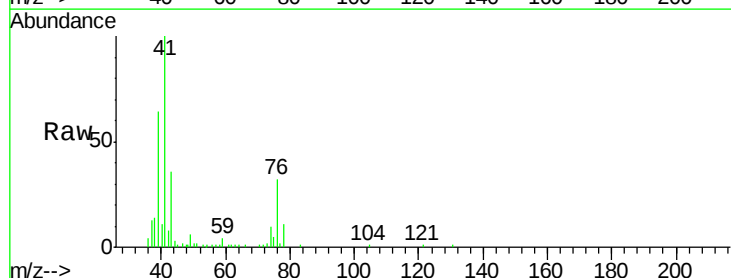
Tgt Ion: 41 Resp: 29131

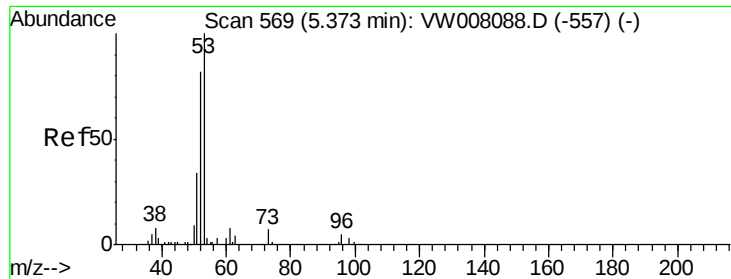
Ion Ratio Lower Upper

41 100

39 69.3 53.8 80.8

76 36.3 27.6 41.4





#15

Acrylonitrile

Concen: 122.211 ug/l

RT: 5.38 min Scan# 570

Delta R.T. 0.01 min

Lab File: VW008265.D

Acq: 15 Jan 2019 01:24

Instrument :

MSVOA_W

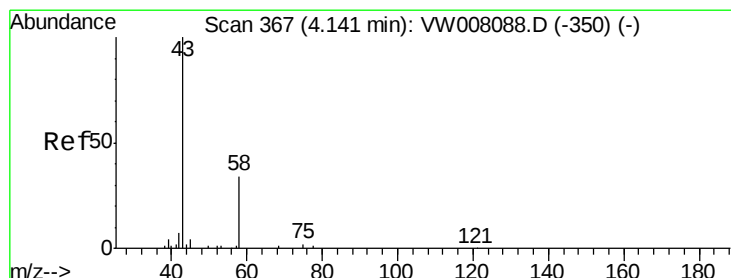
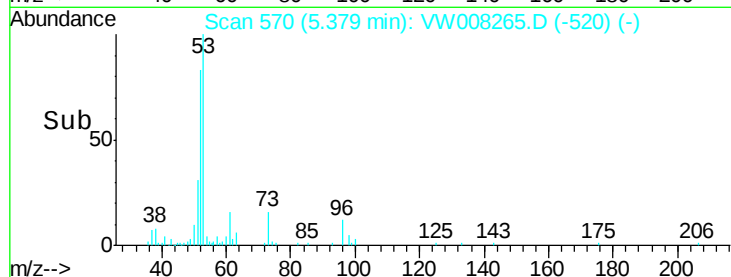
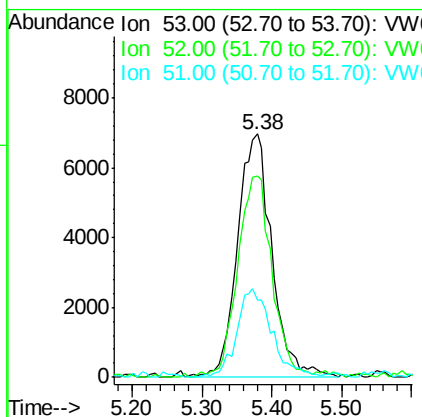
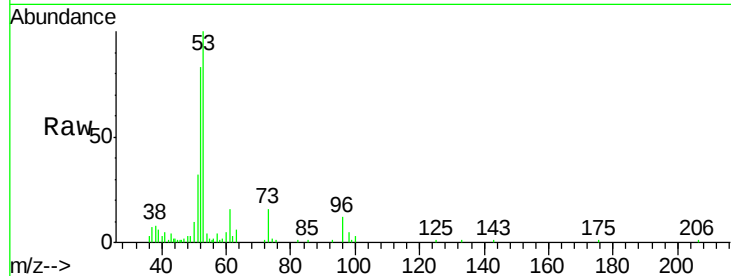
ClientSampleId :

VW0114SBS02

Tot Ion:	53	Resp:	23794
Ion	Ratio	Lower	Upper
53	100		
52	82.5	66.8	100.2
51	37.1	29.7	44.5

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#16

Acetone

Concen: 100.718 ug/l

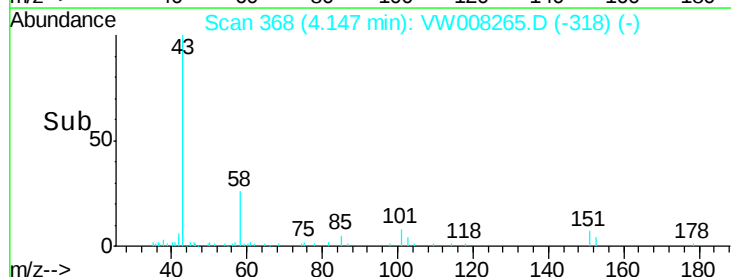
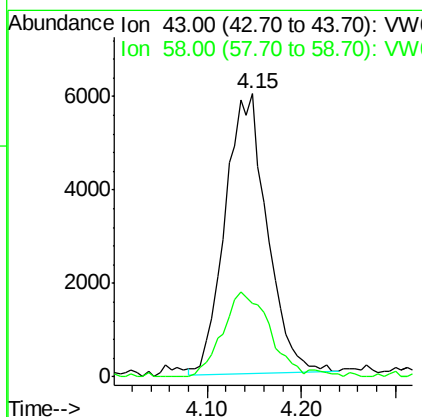
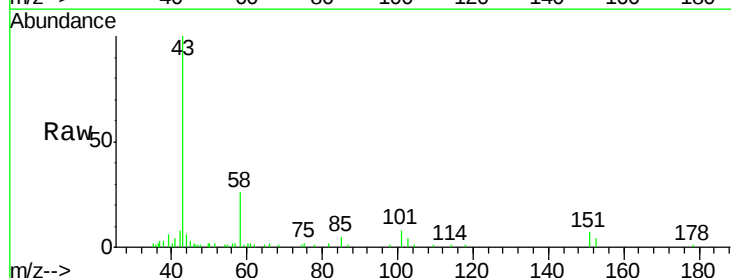
RT: 4.15 min Scan# 368

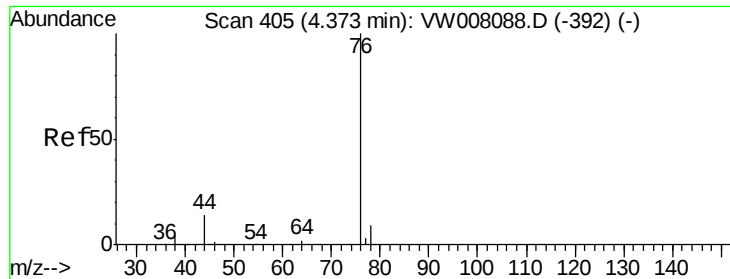
Delta R.T. 0.01 min

Lab File: VW008265.D

Acq: 15 Jan 2019 01:24

Tgt Ion:	43	Resp:	18438
Ion	Ratio	Lower	Upper
43	100		
58	26.4	27.5	41.3#





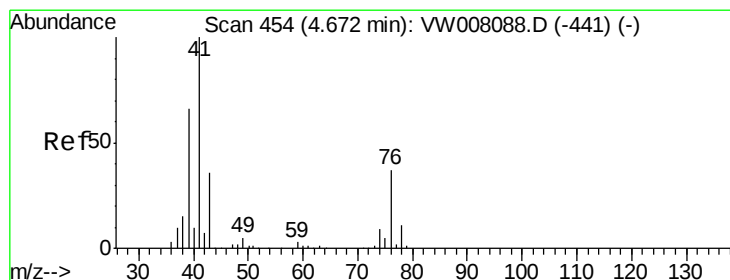
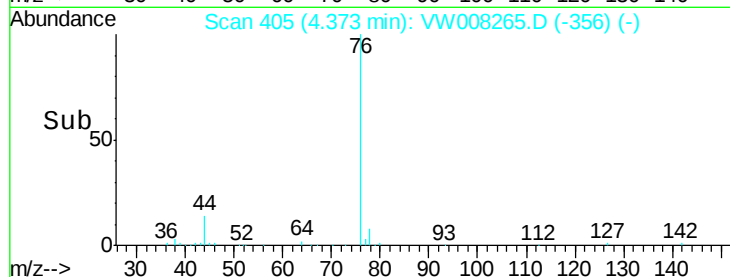
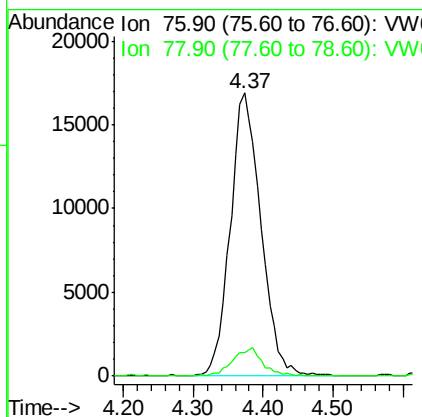
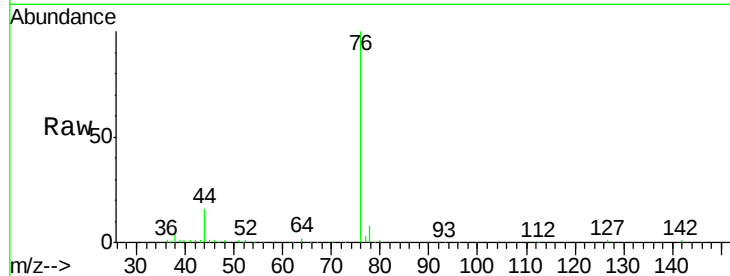
#17
Carbon Disulfide
Concen: 18.680 ug/l
RT: 4.37 min Scan# 405
Delta R.T. -0.00 min
Lab File: VW008265.D
Acq: 15 Jan 2019 01:24

Instrument :
MSVOA_W
ClientSampleId :
VW0114SBS02

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.4	7.0	10.6

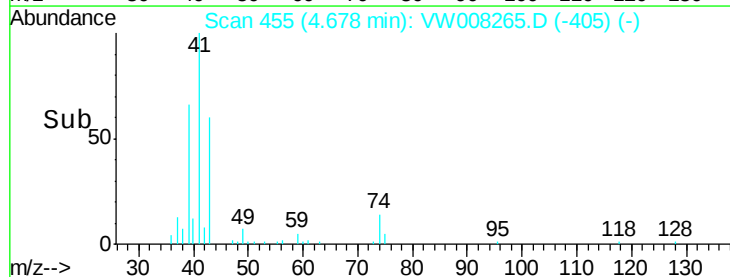
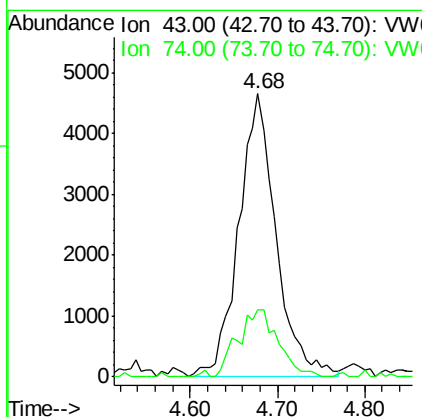
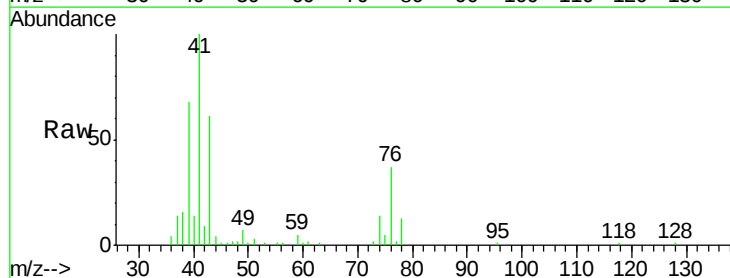
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#18
Methyl Acetate
Concen: 24.174 ug/l
RT: 4.68 min Scan# 455
Delta R.T. 0.01 min
Lab File: VW008265.D
Acq: 15 Jan 2019 01:24

Tgt Ion	Ratio	Lower	Upper
43	100		
74	25.5	19.0	28.4





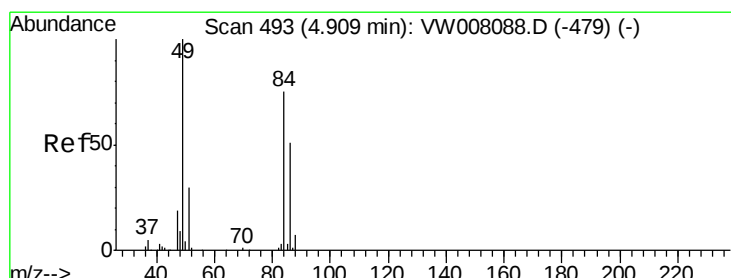
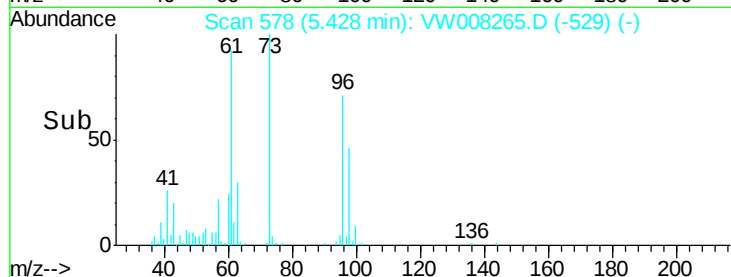
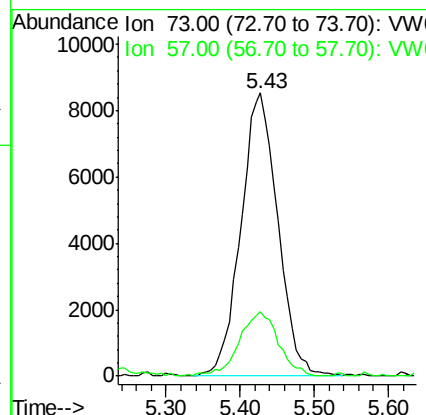
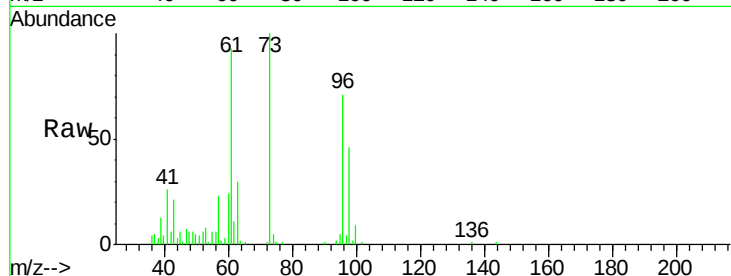
#19
Methvl tert-butvl Ether
Concen: 20.703 ug/l
RT: 5.43 min Scan# 578
Delta R.T. -0.00 min
Lab File: VW008265.D
Acq: 15 Jan 2019 01:24

Instrument :
MSVOA_W
ClientSampleId :
VW0114SBS02

Tot Ion: 73 Resp: 29678
Ion Ratio Lower Upper
73 100
57 22.6 16.7 25.1

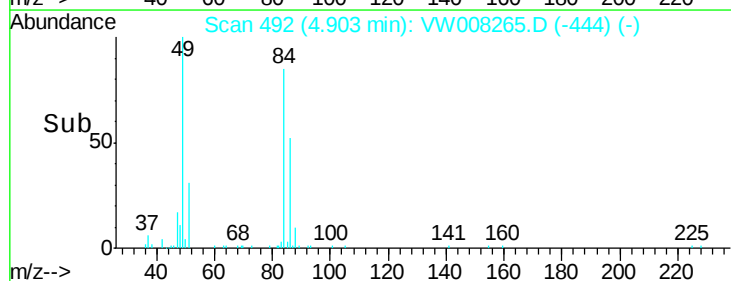
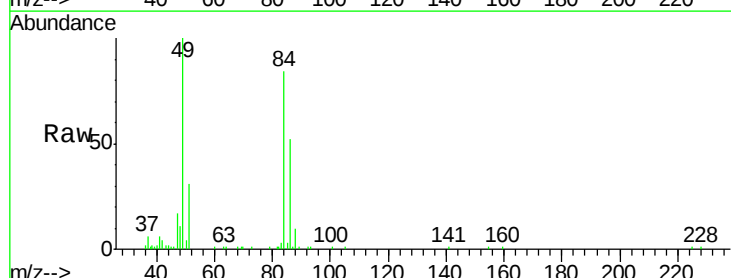
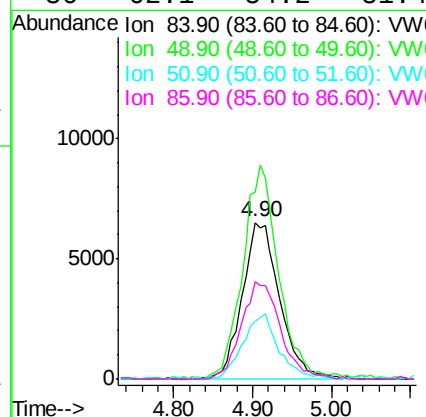
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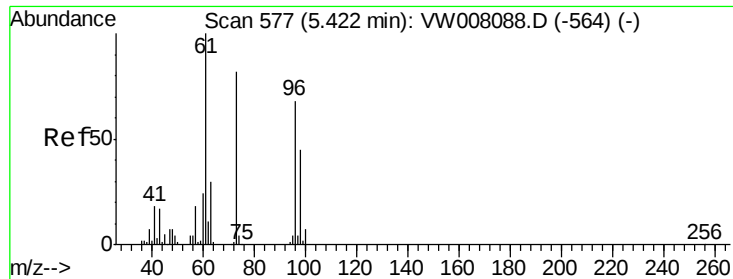
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#20
Methylene Chloride
Concen: 21.363 ug/l
RT: 4.90 min Scan# 492
Delta R.T. -0.01 min
Lab File: VW008265.D
Acq: 15 Jan 2019 01:24

Tgt Ion: 84 Resp: 21488
Ion Ratio Lower Upper
84 100
49 117.9 107.1 160.7
51 36.9 32.4 48.6
86 62.1 54.2 81.4





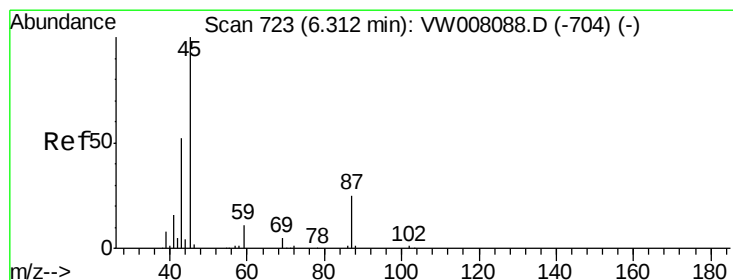
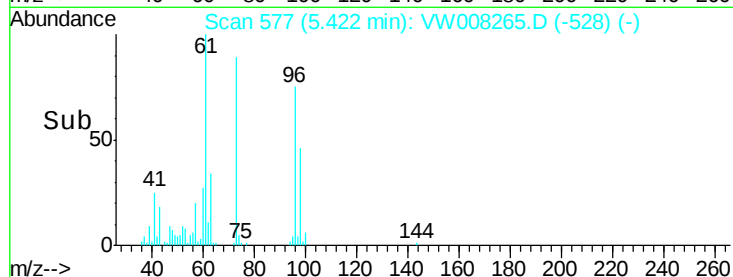
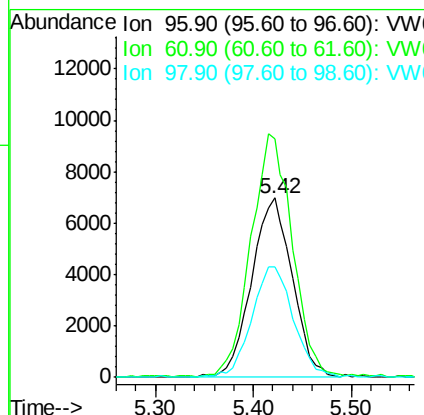
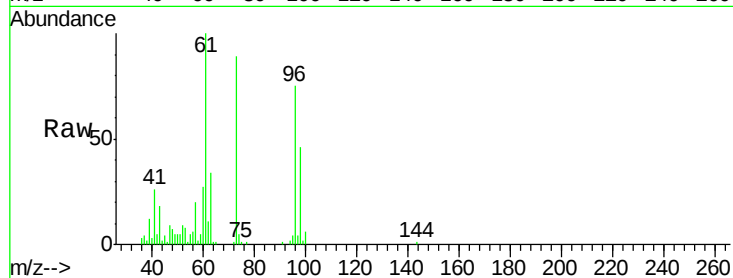
#21
trans-1,2-Dichloroethene
Concen: 21.047 ug/l
RT: 5.42 min Scan# 577
Delta R.T. -0.00 min
Lab File: VW008265.D
Acq: 15 Jan 2019 01:24

Instrument :
MSVOA_W
ClientSampleId :
VW0114SBS02

Tot Ion	Ratio	Lower	Upper
96	100		
61	132.6	117.4	176.0
98	61.4	52.2	78.4

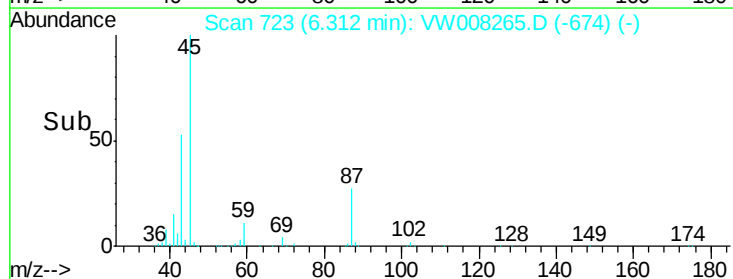
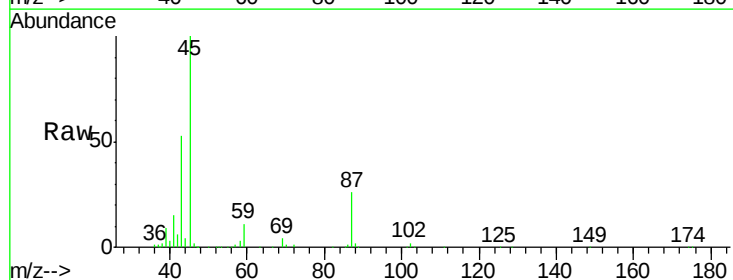
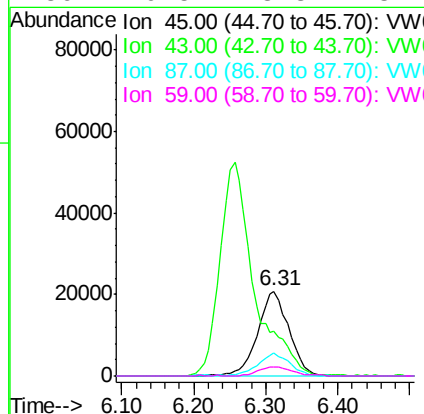
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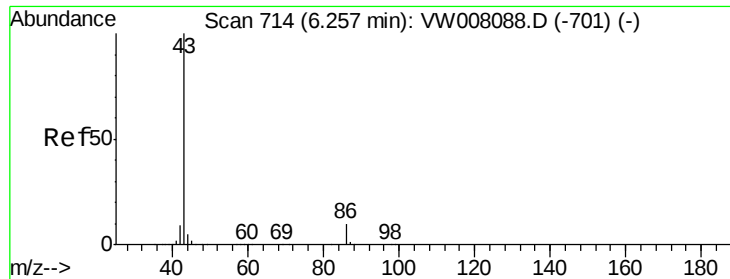
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#22
Diisopropyl ether
Concen: 20.561 ug/l
RT: 6.31 min Scan# 723
Delta R.T. -0.00 min
Lab File: VW008265.D
Acq: 15 Jan 2019 01:24

Tgt Ion	Ratio	Lower	Upper
45	100		
43	52.0	41.7	62.5
87	26.2	20.1	30.1
59	10.5	8.8	13.2





#23

Vinyl Acetate

Concen: 108.471 ug/l

RT: 6.26 min Scan# 714

Delta R.T. -0.00 min

Lab File: VW008265.D

Acq: 15 Jan 2019 01:24

Tot Ion: 43 Resp: 173944

Ion Ratio Lower Upper

43 100

86 10.5 7.7 11.5

Instrument :

MSVOA_W

ClientSampled :

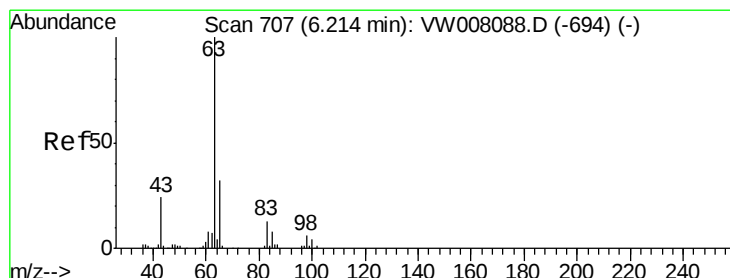
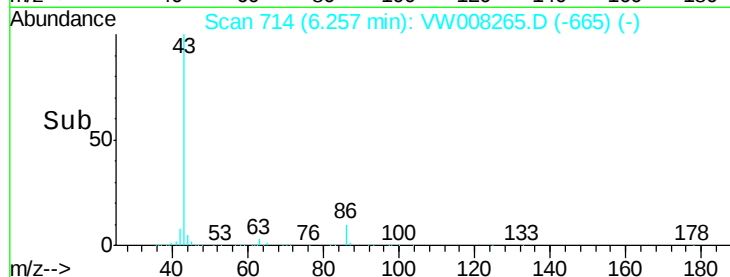
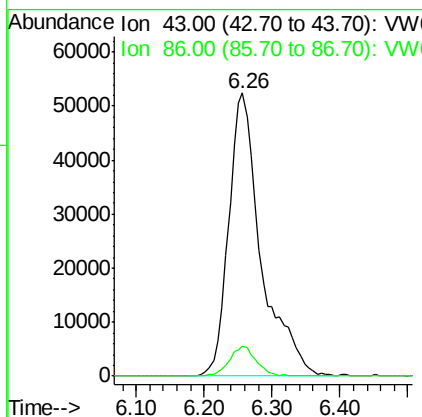
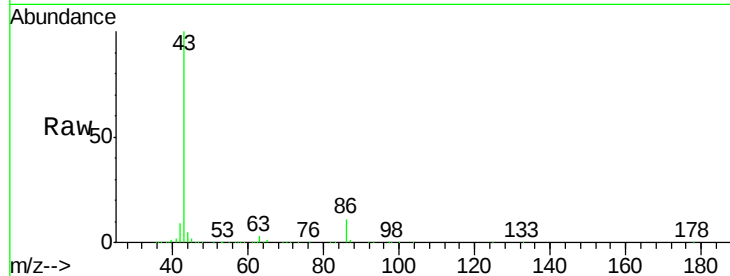
VW0114SBS02

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#24

1,1-Dichloroethane

Concen: 20.961 ug/l

RT: 6.21 min Scan# 707

Delta R.T. -0.00 min

Lab File: VW008265.D

Acq: 15 Jan 2019 01:24

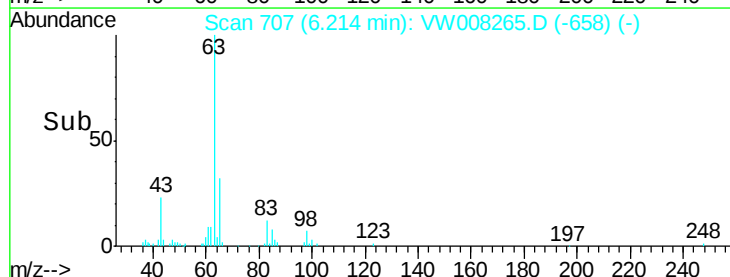
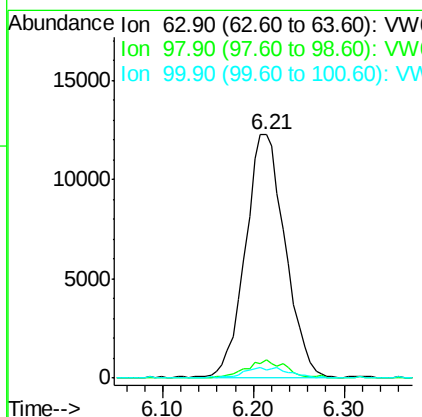
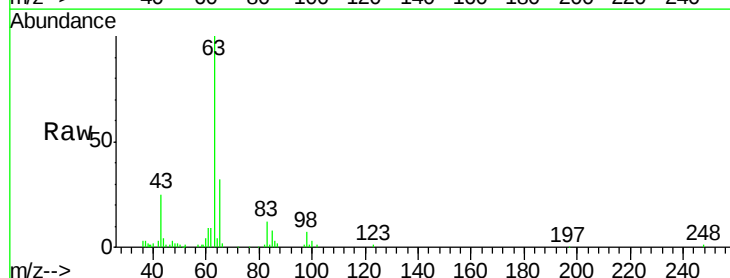
Tgt Ion: 63 Resp: 37291

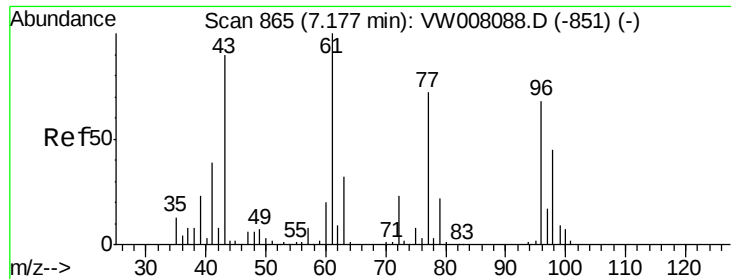
Ion Ratio Lower Upper

63 100

98 7.3 3.2 9.6

100 3.4 2.0 6.0





#25

2-Butanone

Concen: 113.808 ug/l

RT: 7.18 min Scan# 865

Delta R.T. -0.00 min

Lab File: VW008265.D

Acq: 15 Jan 2019 01:24

Instrument :

MSVOA_W

ClientSampleId :

VW0114SBS02

Tot Ion: 43 Resp: 28656

Ion Ratio Lower Upper

43 100

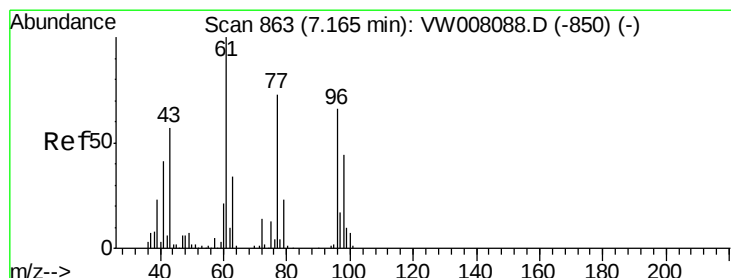
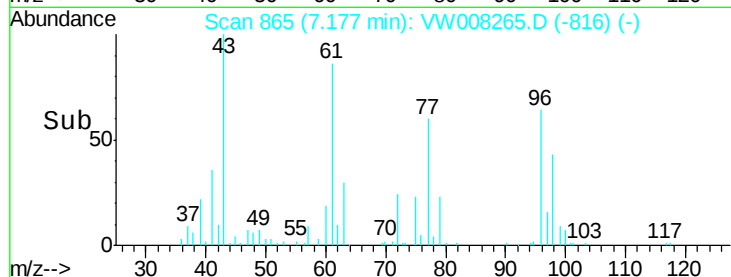
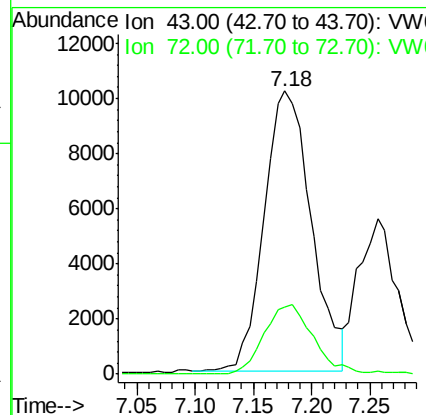
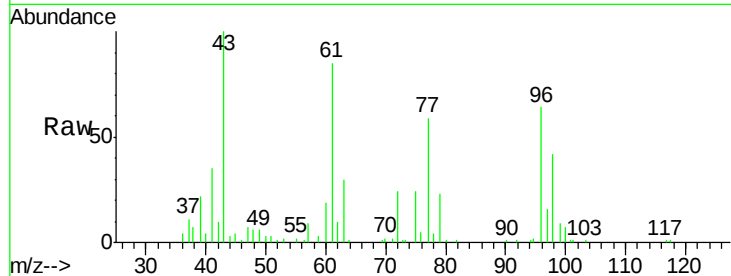
72 23.9 20.5 30.7

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#26

2,2-Dichloropropane

Concen: 18.145 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.01 min

Lab File: VW008265.D

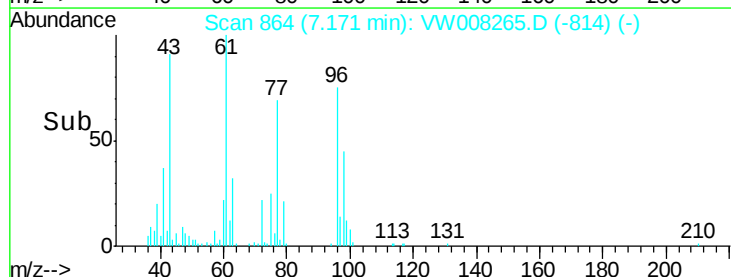
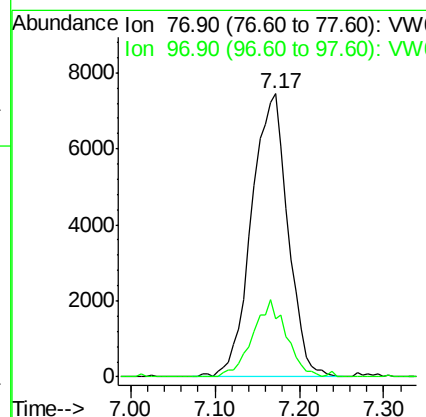
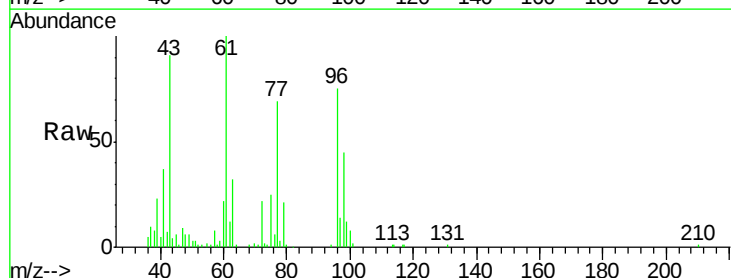
Acq: 15 Jan 2019 01:24

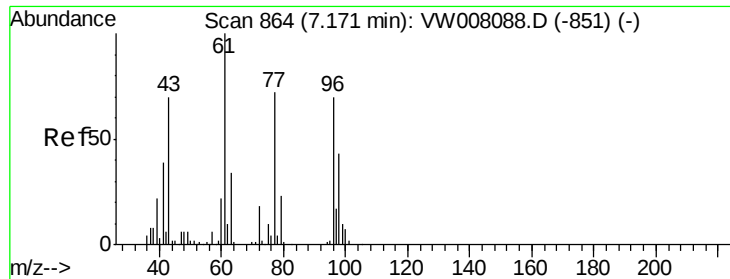
Tgt Ion: 77 Resp: 21872

Ion Ratio Lower Upper

77 100

97 25.0 11.4 34.1





#27

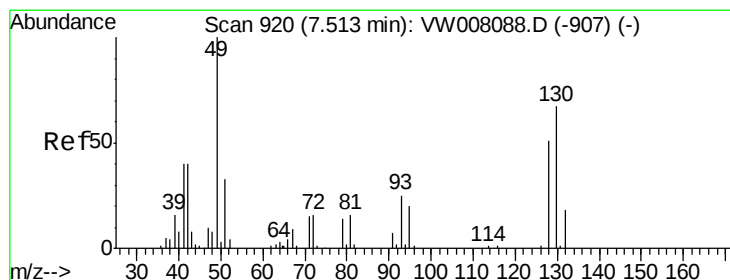
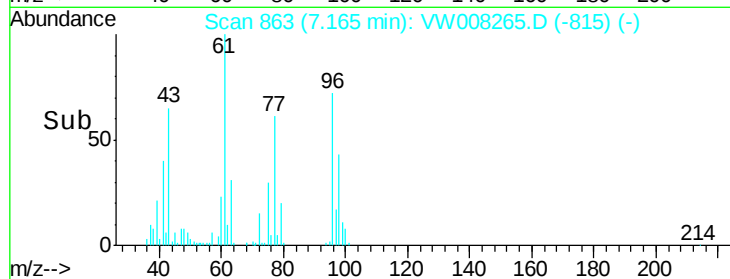
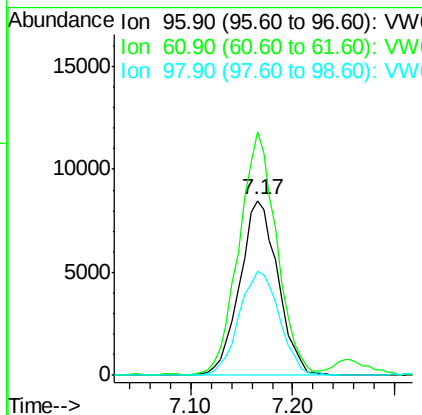
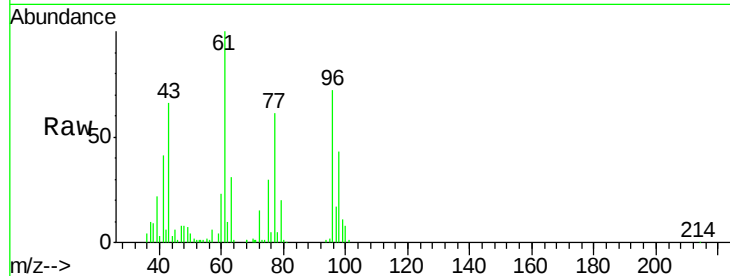
cis-1,2-Dichloroethene
Concen: 21.008 ug/l
RT: 7.17 min Scan# 863
Delta R.T. -0.01 min
Lab File: VW008265.D
Acq: 15 Jan 2019 01:24

Instrument :
MSVOA_W
ClientSampleId :
VW0114SBS02

Tot Ion	Ratio	Lower	Upper
96	100		
61	138.5	0.0	300.4
98	63.0	0.0	128.4

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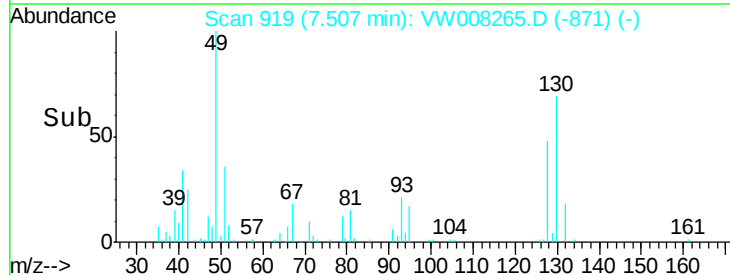
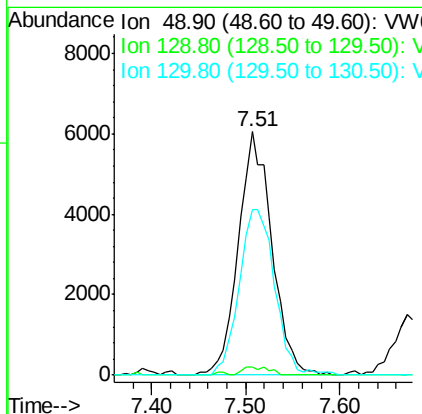
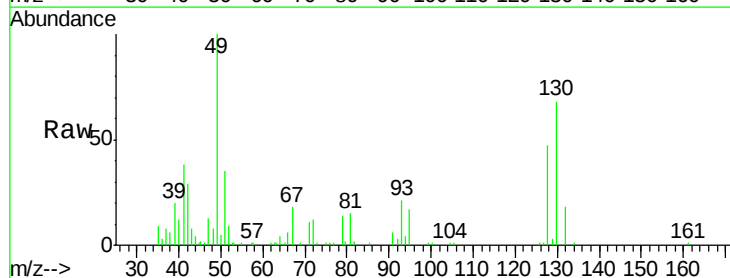
apatel
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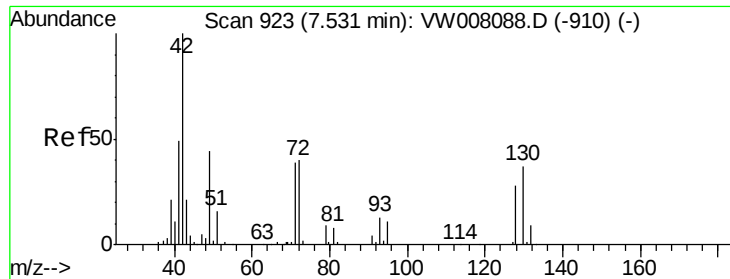


#28

Bromochloromethane
Concen: 21.376 ug/l
RT: 7.51 min Scan# 919
Delta R.T. -0.01 min
Lab File: VW008265.D
Acq: 15 Jan 2019 01:24

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.7	0.0	2.8
130	72.1	54.3	81.5





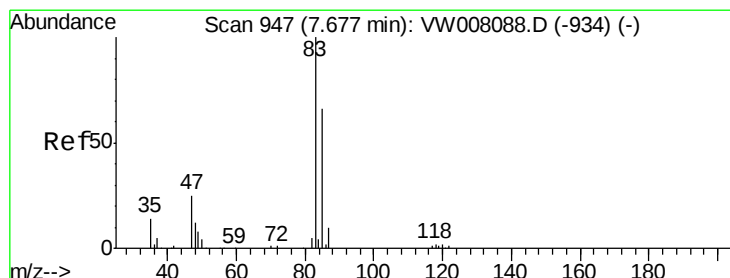
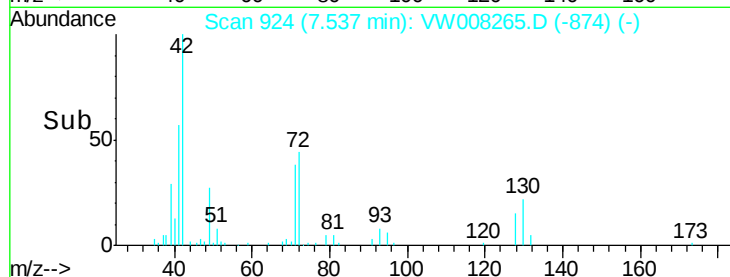
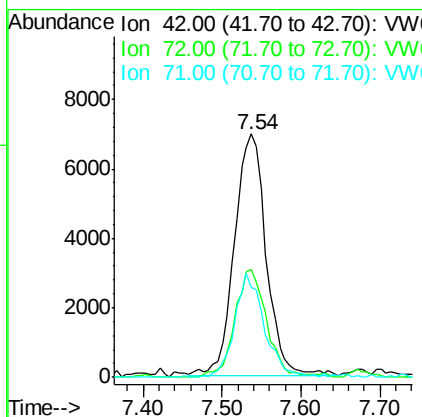
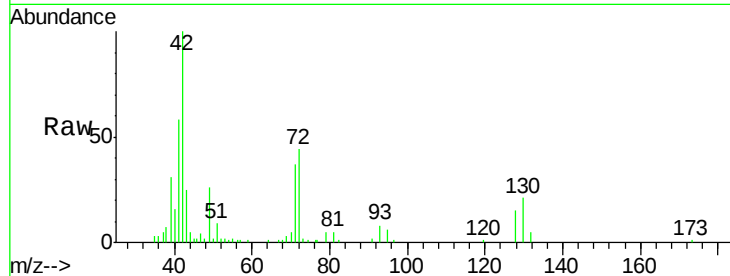
#29
Tetrahydrofuran
Concen: 116.526 ug/l
RT: 7.54 min Scan# 924
Delta R.T. 0.01 min
Lab File: VW008265.D
Acq: 15 Jan 2019 01:24

Instrument :
MSVOA_W
ClientSampleId :
VW0114SBS02

Tot Ion	Ratio	Lower	Upper
42	100		
72	44.4	32.4	48.6
71	39.8	31.3	46.9

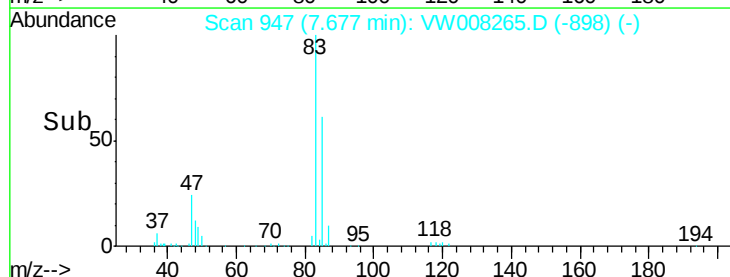
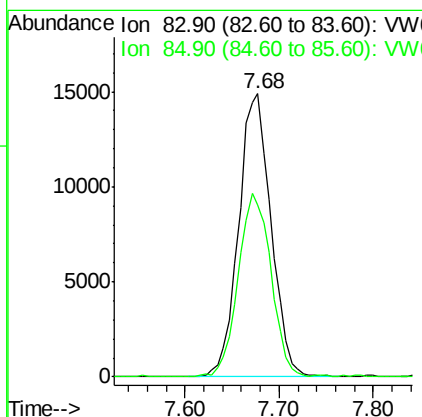
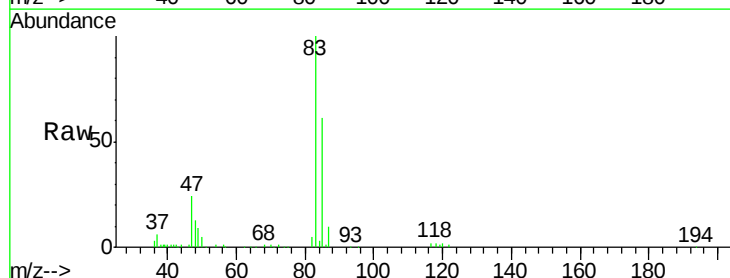
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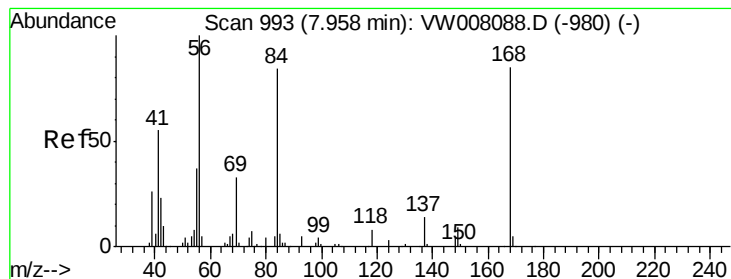
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#30
Chloroform
Concen: 21.132 ug/l
RT: 7.68 min Scan# 947
Delta R.T. -0.00 min
Lab File: VW008265.D
Acq: 15 Jan 2019 01:24

Tgt Ion	Ratio	Lower	Upper
83	100		
85	60.7	53.2	79.8





#31

Cyclohexane

Concen: 17.396 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.01 min

Lab File: VW008265.D

Acq: 15 Jan 2019 01:24

Instrument :

MSVOA_W

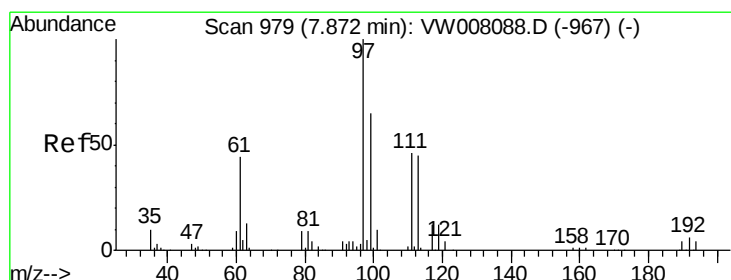
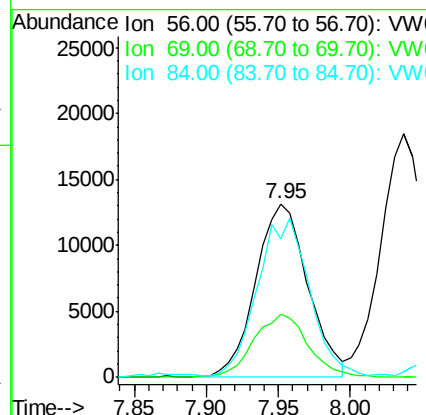
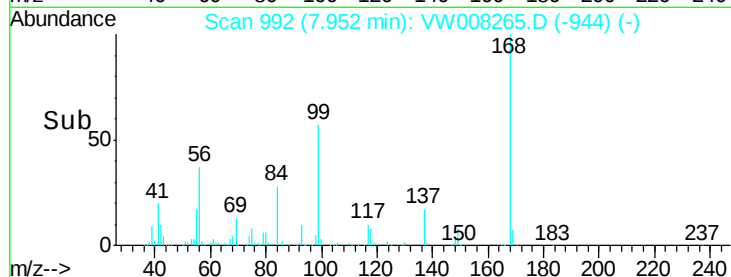
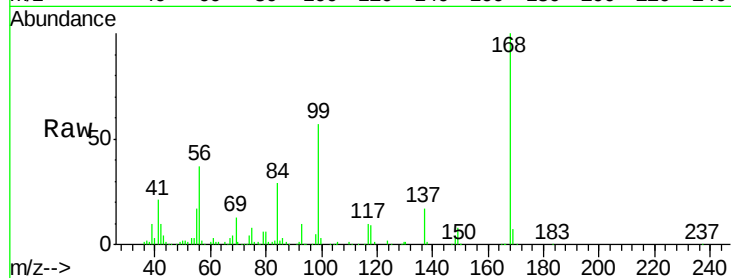
ClientSampleId :

VW0114SBS02

Tot Ion:	56	Resp:	33130
Ion	Ratio	Lower	Upper
56	100		
69	34.9	26.2	39.4
84	78.4	67.4	101.2

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#32

1,1,1-Trichloroethane

Concen: 20.496 ug/l

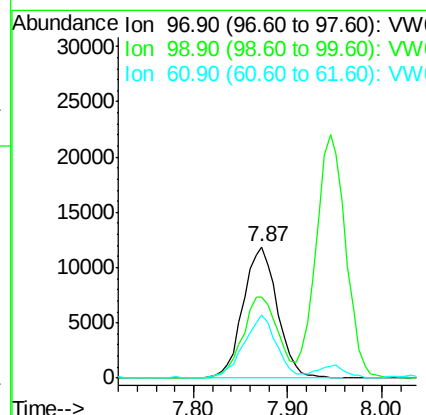
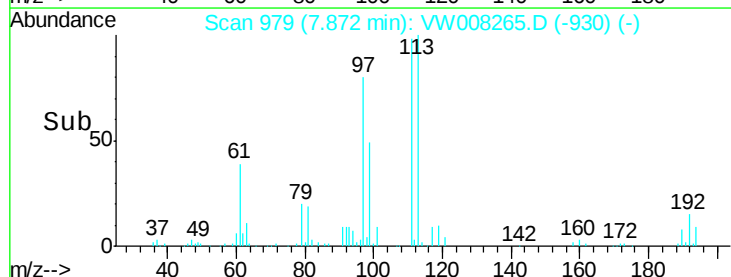
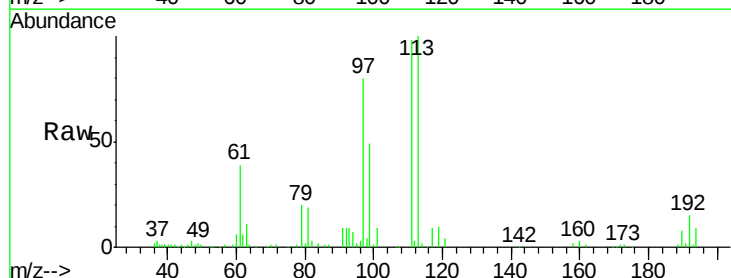
RT: 7.87 min Scan# 979

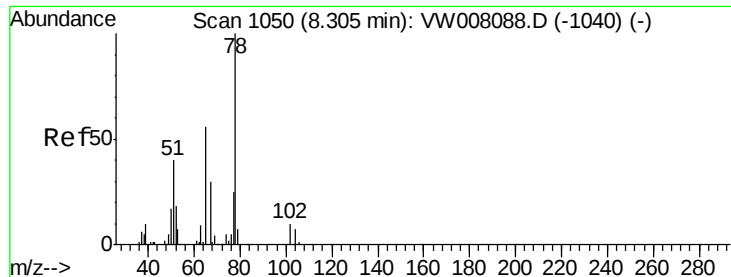
Delta R.T. -0.00 min

Lab File: VW008265.D

Acq: 15 Jan 2019 01:24

Tgt Ion:	97	Resp:	30200
Ion	Ratio	Lower	Upper
97	100		
99	64.2	51.4	77.0
61	46.7	35.6	53.4





#33

1,2-Dichloroethane-d4

Concen: 50.311 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW008265.D

Acq: 15 Jan 2019 01:24

Instrument :

MSVOA_W

ClientSampleId :

VW0114SBS02

Tot Ion: 65 Resp: 45530

Ion Ratio Lower Upper

65 100

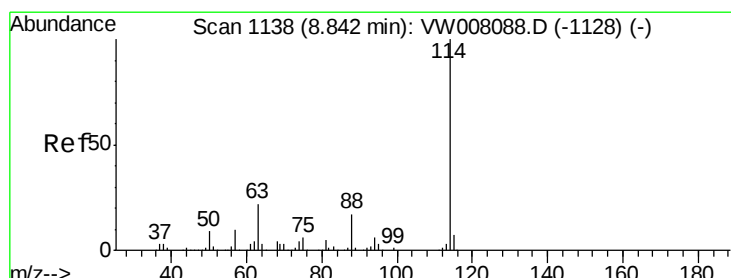
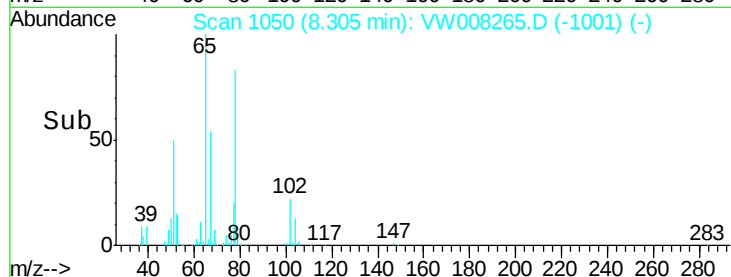
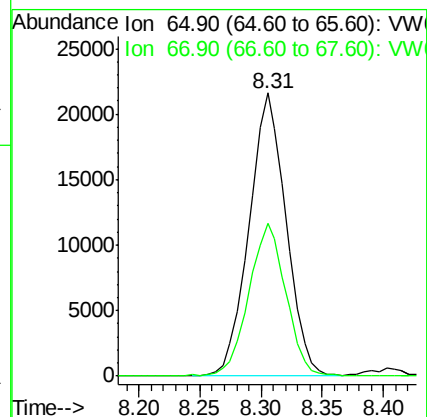
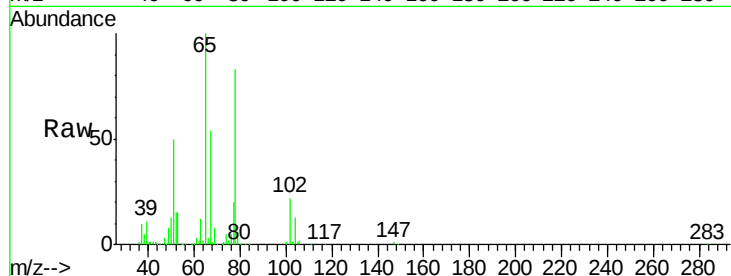
67 54.1 0.0 106.8

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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: VW008265.D

Acq: 15 Jan 2019 01:24

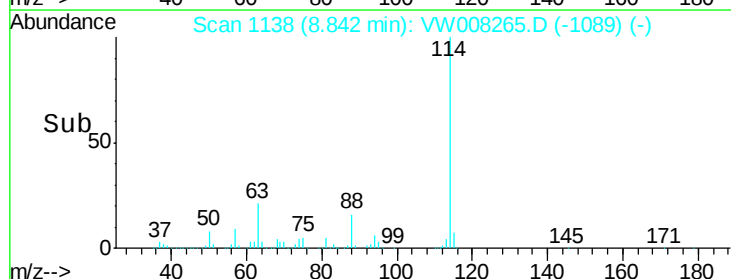
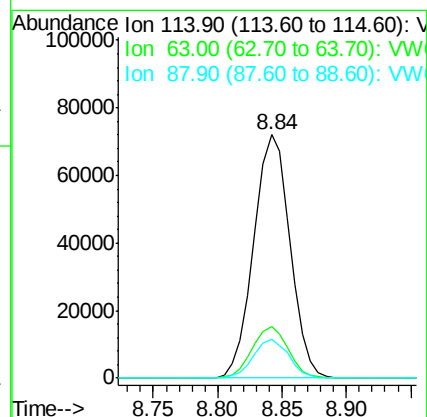
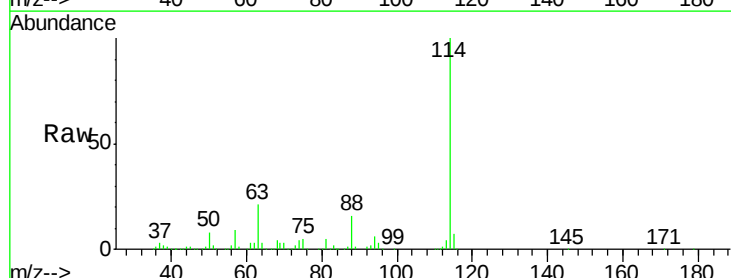
Tgt Ion: 114 Resp: 140267

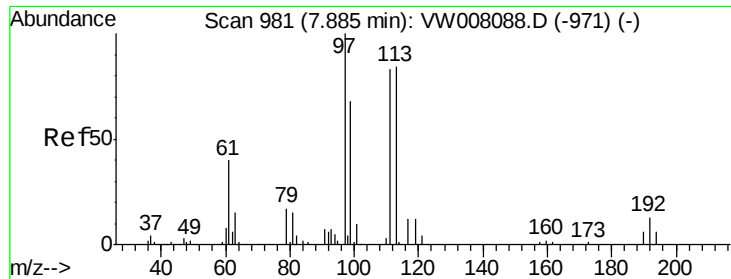
Ion Ratio Lower Upper

114 100

63 21.2 0.0 43.4

88 16.1 0.0 33.4





#35

Dibromofluoromethane

Concen: 53.835 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW008265.D

Acq: 15 Jan 2019 01:24

Instrument :

MSVOA_W

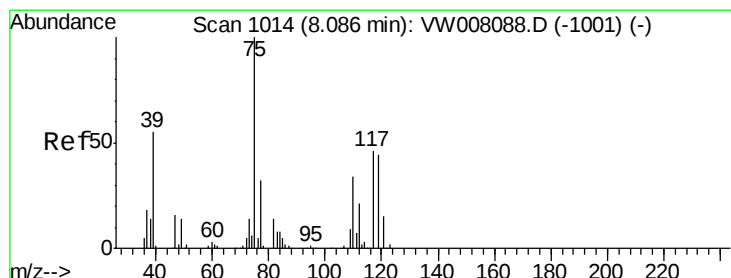
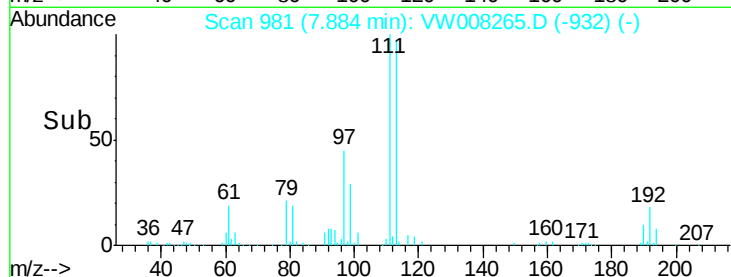
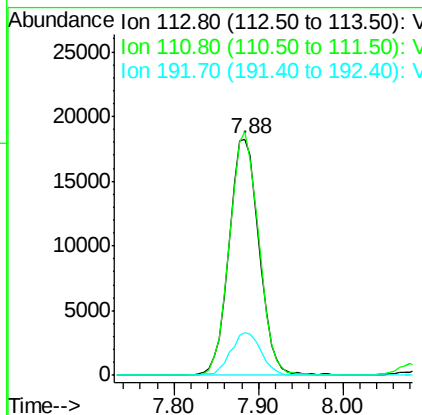
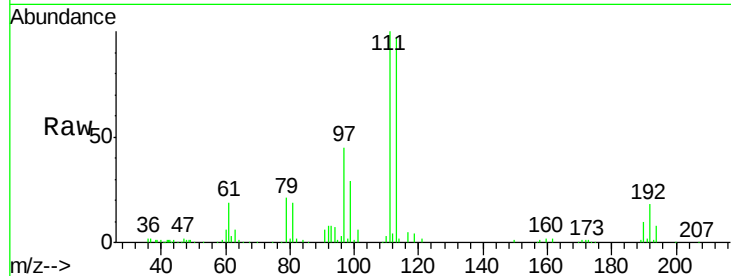
ClientSampled :

VW0114SBS02

Tot Ion	Ratio	Lower	Upper
113	100		
111	100.3	81.8	122.8
192	18.4	12.8	19.2

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#36

1,1-Dichloropropene

Concen: 19.774 ug/l

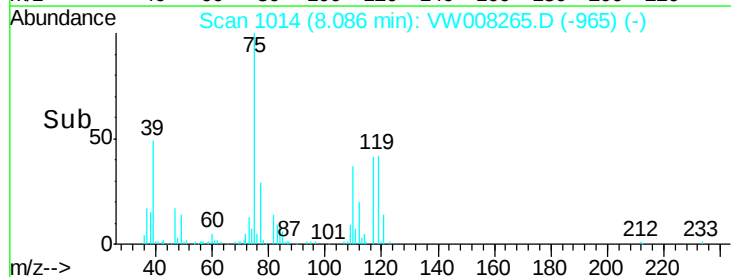
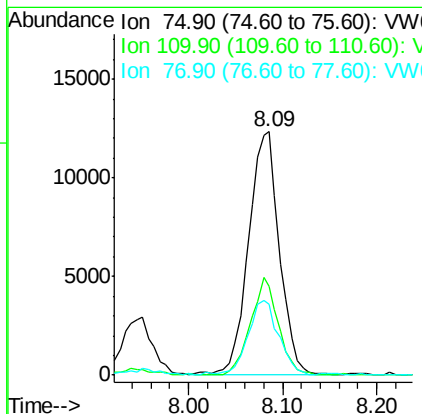
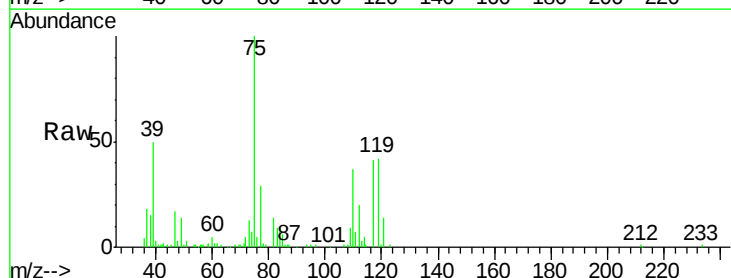
RT: 8.09 min Scan# 1014

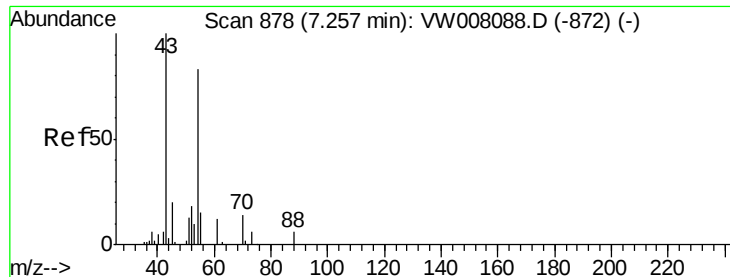
Delta R.T. -0.00 min

Lab File: VW008265.D

Acq: 15 Jan 2019 01:24

Tgt Ion	Ratio	Lower	Upper
75	100		
110	35.7	17.1	51.3
77	30.6	25.5	38.3





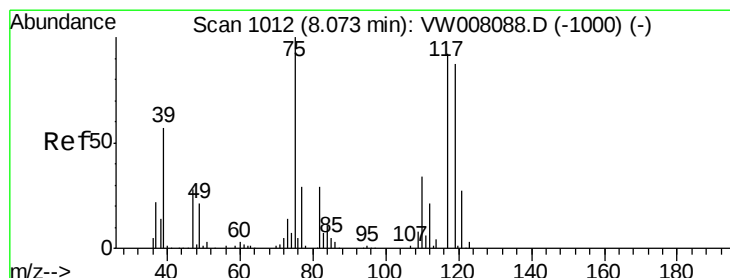
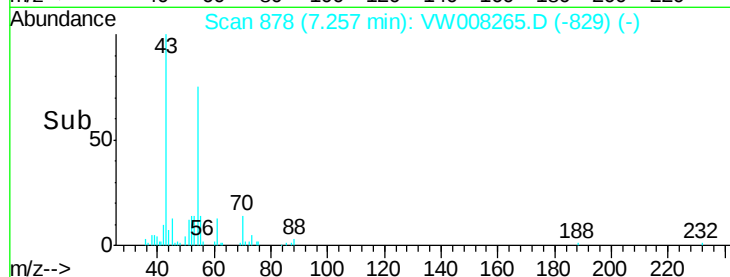
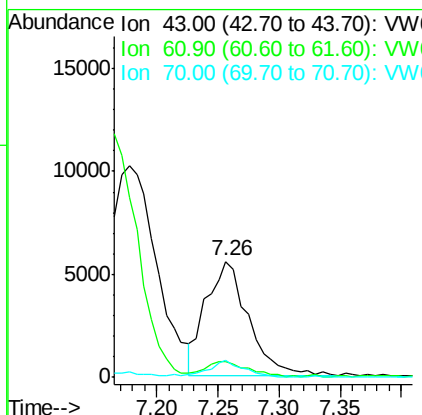
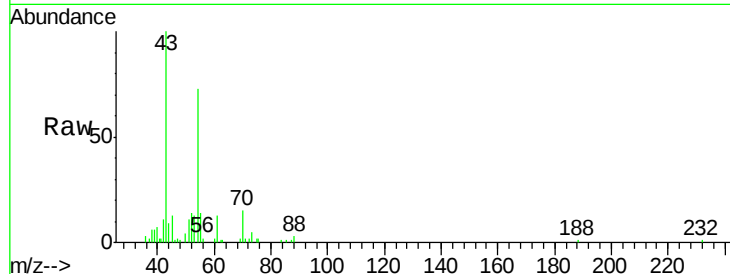
#37
Ethyl Acetate
Concen: 23.071 ug/l
RT: 7.26 min Scan# 878
Delta R.T. -0.00 min
Lab File: VW008265.D
Acq: 15 Jan 2019 01:24

Instrument :
MSVOA_W
ClientSampleId :
VW0114SBS02

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.5	10.6	16.0
70	12.9	8.9	13.3

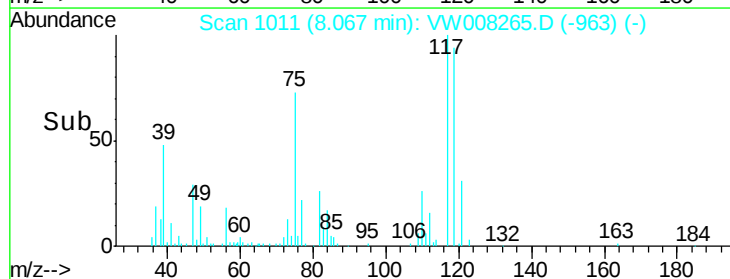
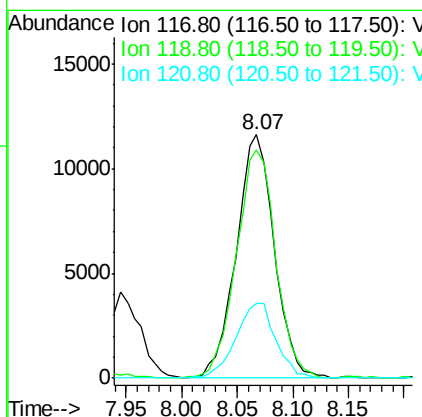
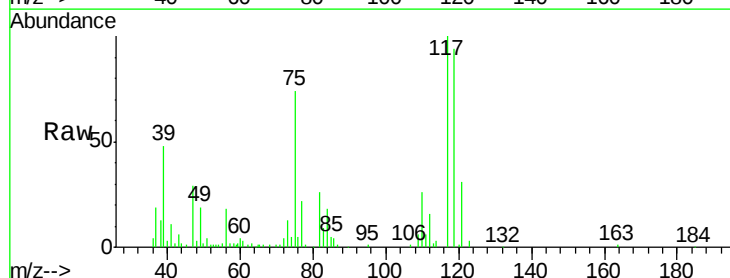
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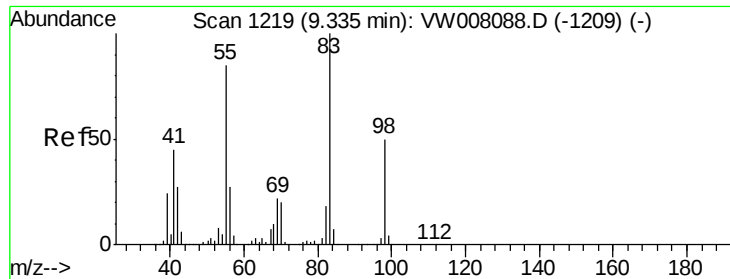
apatel
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#38
Carbon Tetrachloride
Concen: 20.860 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.01 min
Lab File: VW008265.D
Acq: 15 Jan 2019 01:24

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.9	75.8	113.8
121	30.7	23.7	35.5





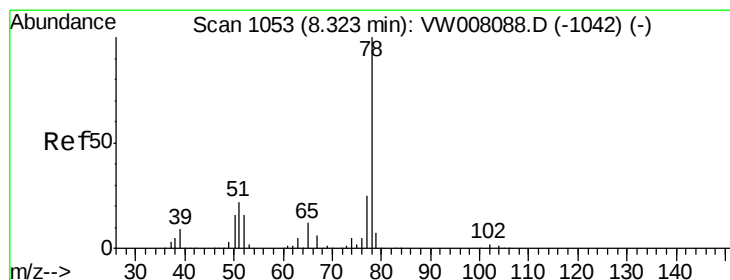
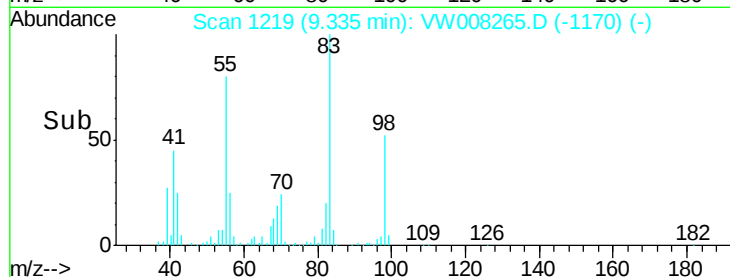
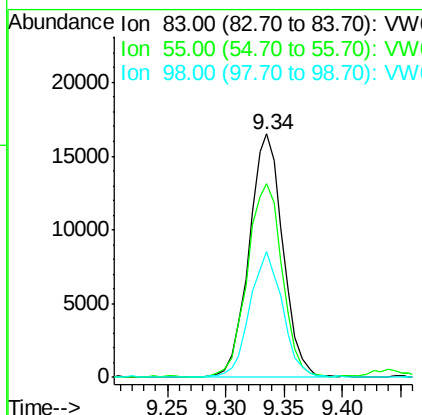
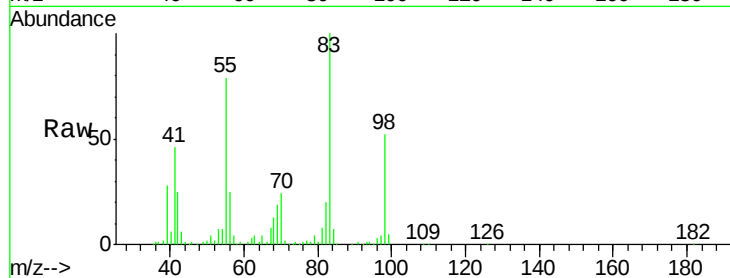
#39
Methvlcvclohexane
Concen: 18.185 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW008265.D
Acq: 15 Jan 2019 01:24

Instrument :
MSVOA_W
ClientSampleId :
VW0114SBS02

Tot Ion	Ratio	Lower	Upper
83	100		
55	79.5	67.8	101.6
98	51.6	40.2	60.4

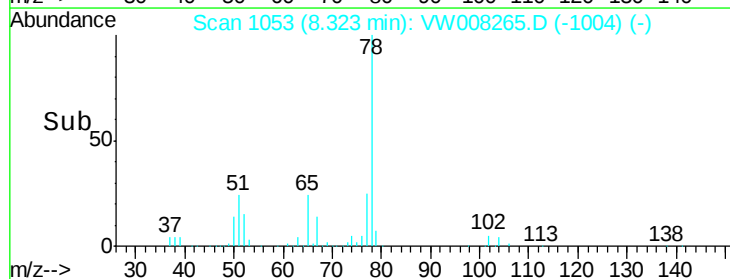
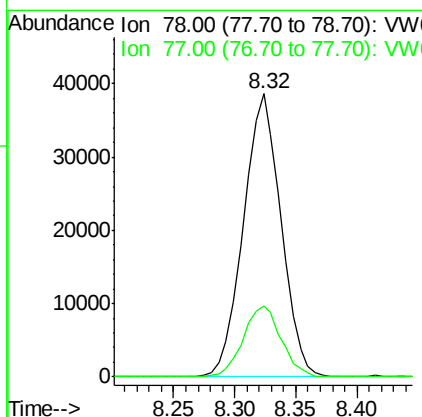
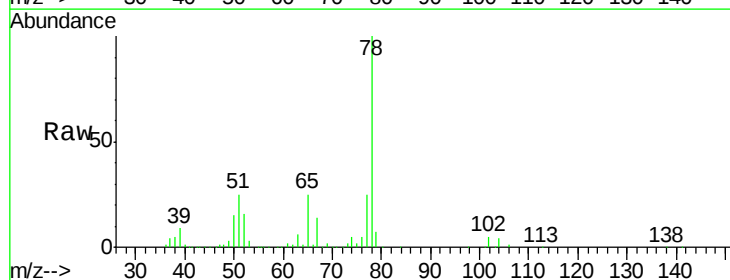
Manual Integrations
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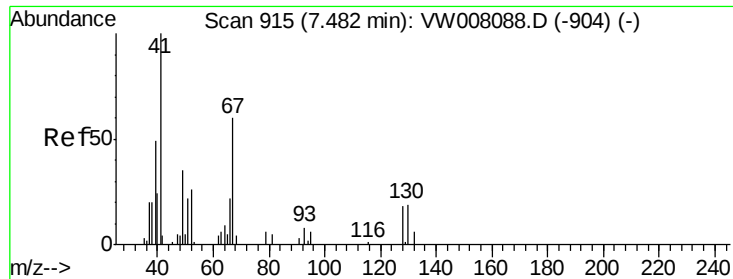
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#40
Benzene
Concen: 21.053 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.00 min
Lab File: VW008265.D
Acq: 15 Jan 2019 01:24

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.9	20.2	30.4





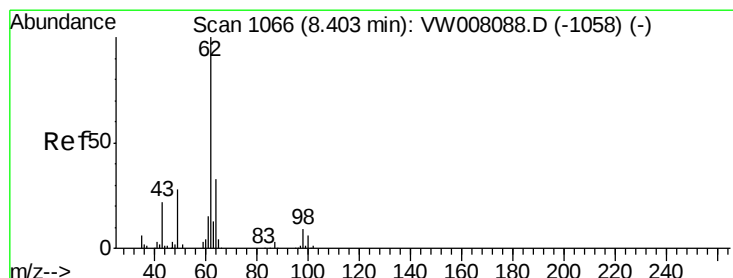
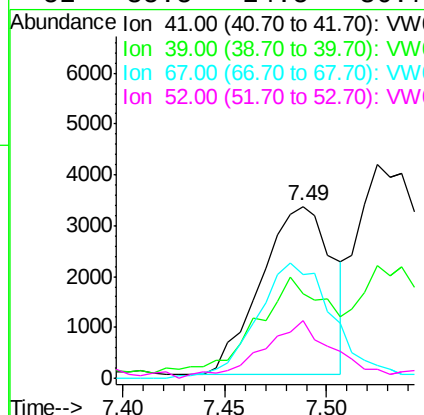
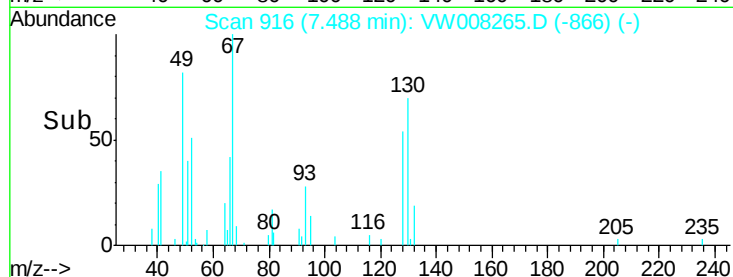
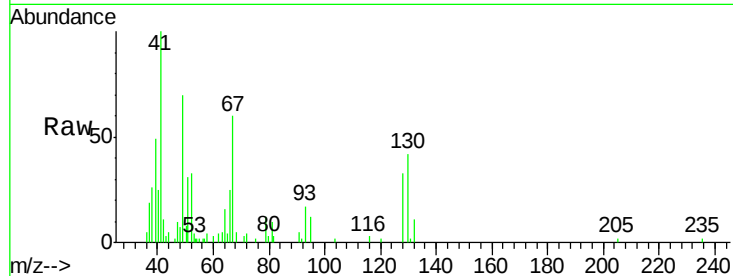
#41
Methacrylonitrile
Concen: 22.025 ug/l
RT: 7.49 min Scan# 916
Delta R.T. 0.01 min
Lab File: VW008265.D
Acq: 15 Jan 2019 01:24

Instrument :
MSVOA_W
ClientSampleId :
VW0114SBS02

Tot Ion:	41	Resp:	8054
Ion	Ratio	Lower	Upper
41	100		
39	55.9	47.9	71.9
67	74.2	56.3	84.5
52	35.5	24.5	36.7

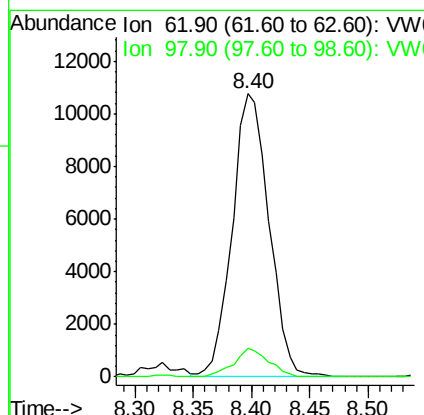
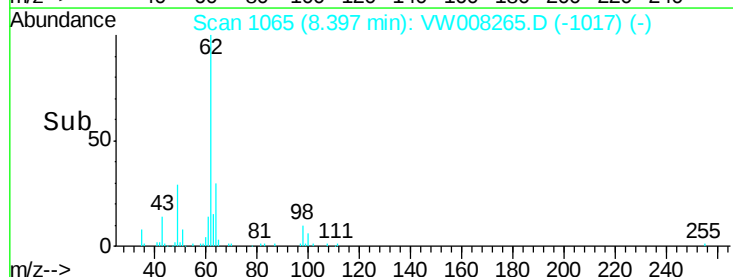
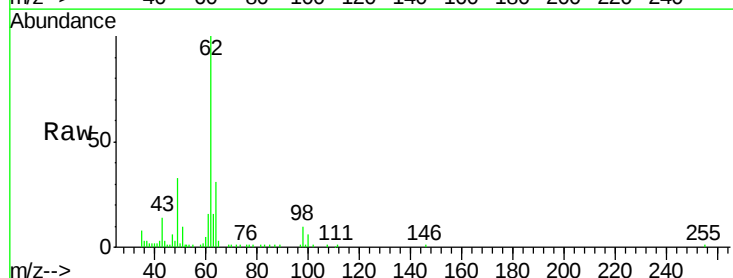
Manual Integrations
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#42
1,2-Dichloroethane
Concen: 21.533 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. -0.01 min
Lab File: VW008265.D
Acq: 15 Jan 2019 01:24

Tgt Ion:	62	Resp:	23734
Ion	Ratio	Lower	Upper
62	100		
98	9.5	0.0	18.6





#43

Isopropyl Acetate

Concen: 21.636 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. -0.00 min

Lab File: VW008265.D

Acq: 15 Jan 2019 01:24

Instrument :

MSVOA_W

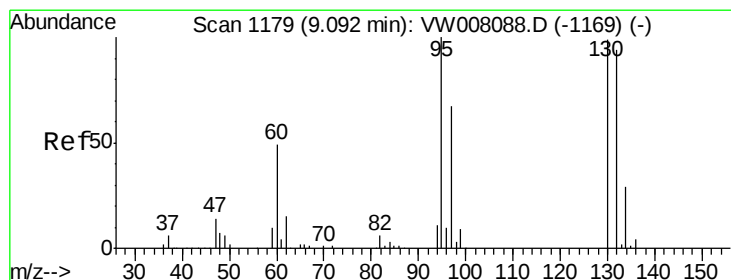
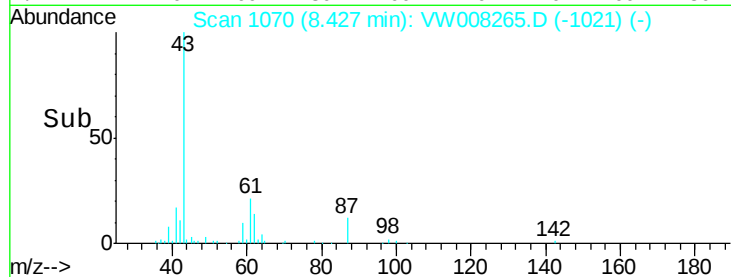
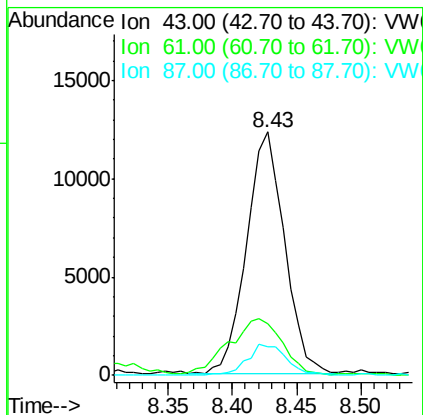
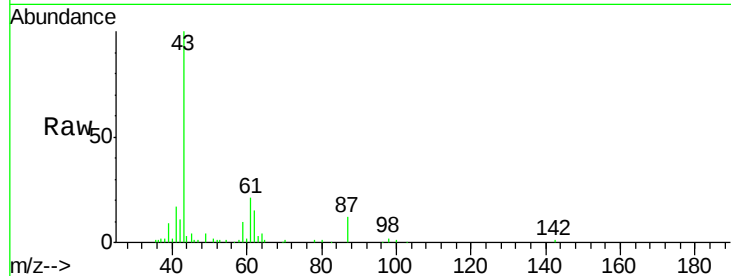
ClientSampleId :

VW0114SBS02

Tot Ion:	43	Resp:	25041
Ion	Ratio	Lower	Upper
43	100		
61	33.4	24.8	37.2
87	13.1	10.4	15.6

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#44

Trichloroethene

Concen: 22.031 ug/l

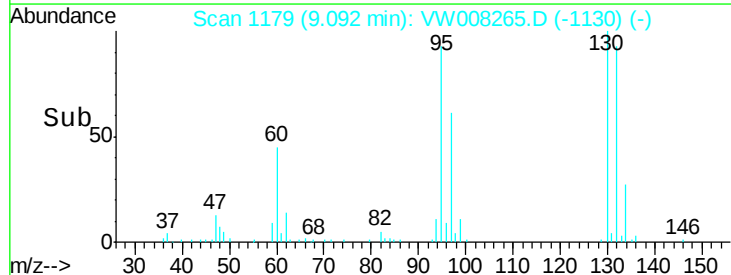
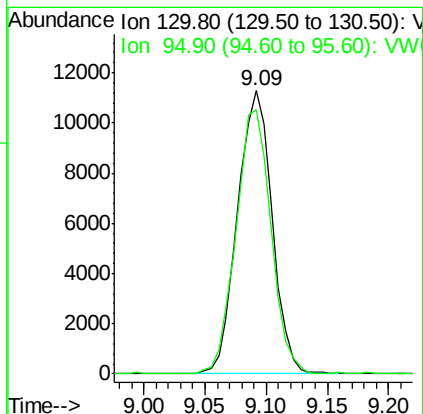
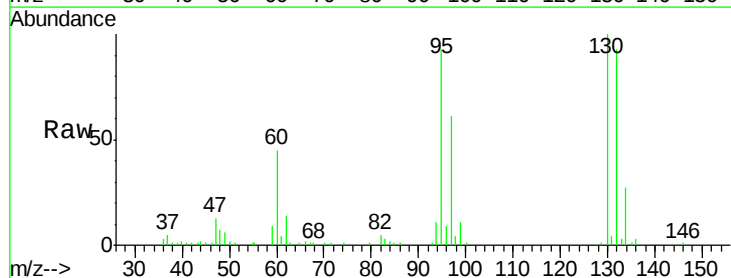
RT: 9.09 min Scan# 1179

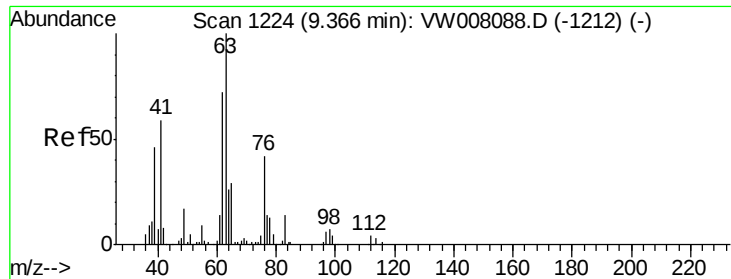
Delta R.T. -0.00 min

Lab File: VW008265.D

Acq: 15 Jan 2019 01:24

Tgt Ion:	130	Resp:	22102
Ion	Ratio	Lower	Upper
130	100		
95	93.3	0.0	202.8





#45

1,2-Dichloropropane

Concen: 21.659 ug/l

RT: 9.37 min Scan# 1224

Delta R.T. -0.00 min

Lab File: VW008265.D

Acq: 15 Jan 2019 01:24

Instrument :

MSVOA_W

ClientSampled :

VW0114SBS02

Tot Ion: 63 Resp: 21047

Ion Ratio Lower Upper

63 100

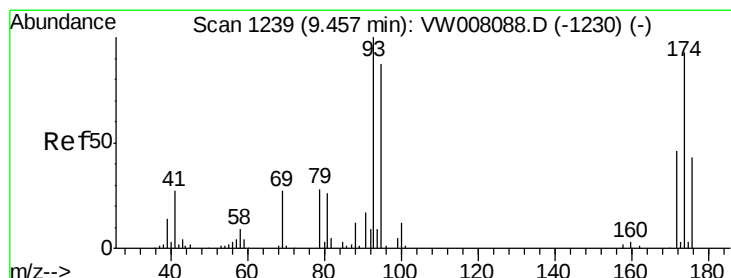
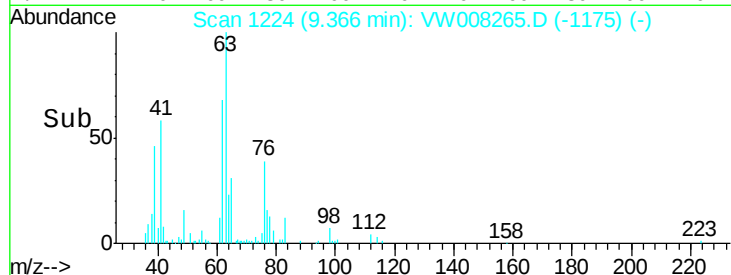
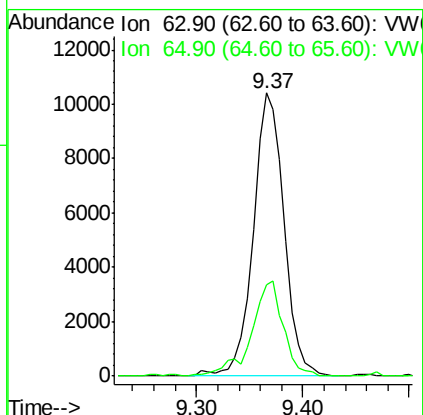
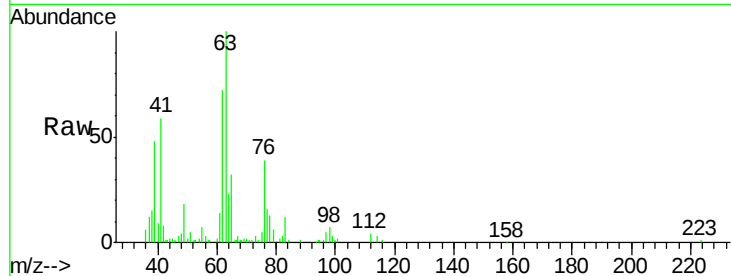
65 32.1 23.3 34.9

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#46

Dibromomethane

Concen: 23.163 ug/l

RT: 9.46 min Scan# 1239

Delta R.T. -0.00 min

Lab File: VW008265.D

Acq: 15 Jan 2019 01:24

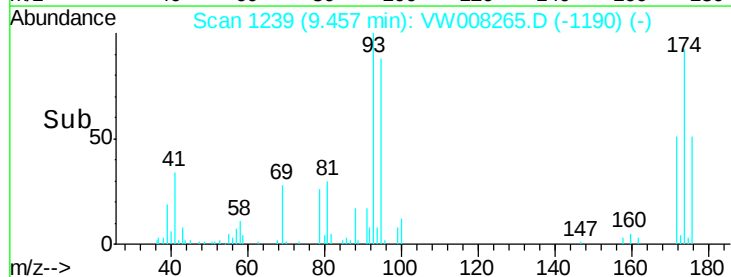
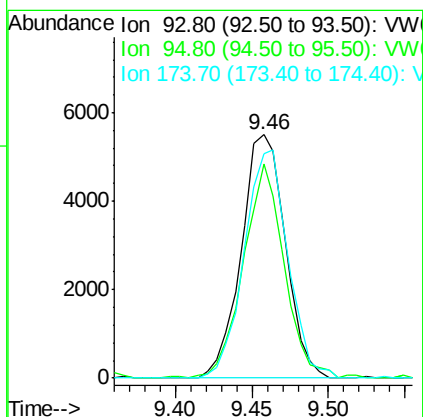
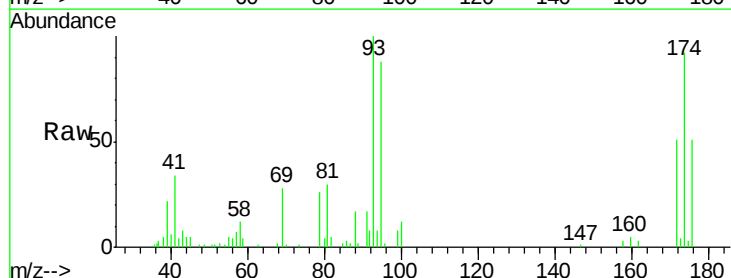
Tgt Ion: 93 Resp: 11054

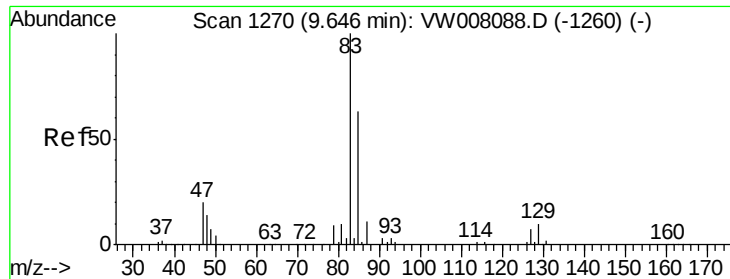
Ion Ratio Lower Upper

93 100

95 81.7 67.5 101.3

174 92.8 72.5 108.7





#47

Bromodichloromethane

Concen: 21.672 ug/l

RT: 9.64 min Scan# 1269

Delta R.T. -0.01 min

Lab File: VW008265.D

Acq: 15 Jan 2019 01:24

Instrument :

MSVOA_W

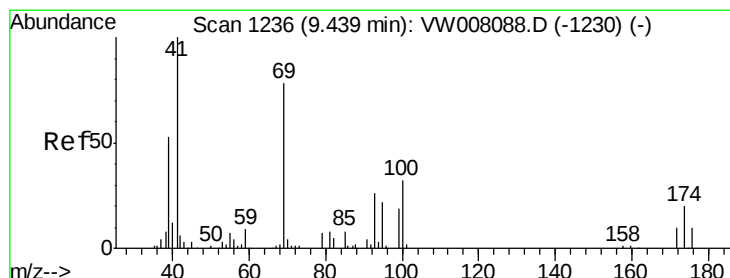
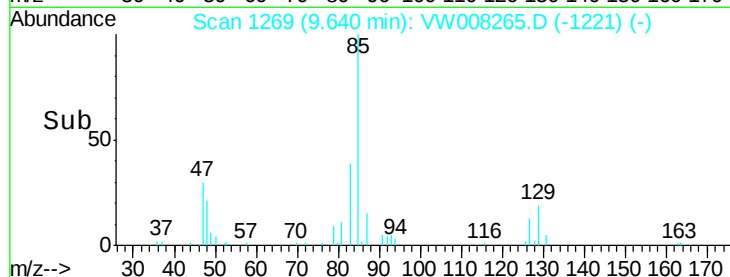
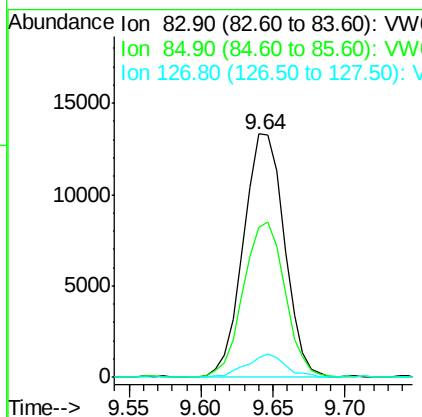
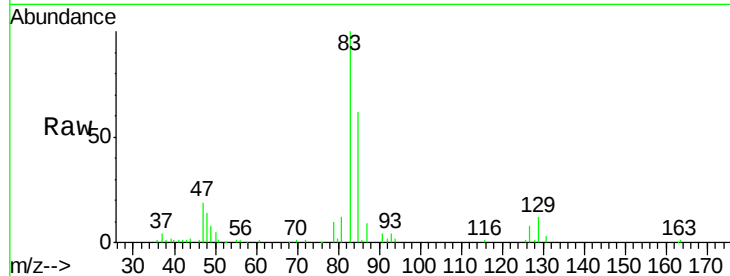
ClientSampleId :

VW0114SBS02

Tot Ion:	83	Resp:	26261
Ion Ratio	Lower	Upper	
83	100		
85	61.8	50.7	76.1
127	8.2	6.0	9.0

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#48

Methyl methacrylate

Concen: 22.413 ug/l

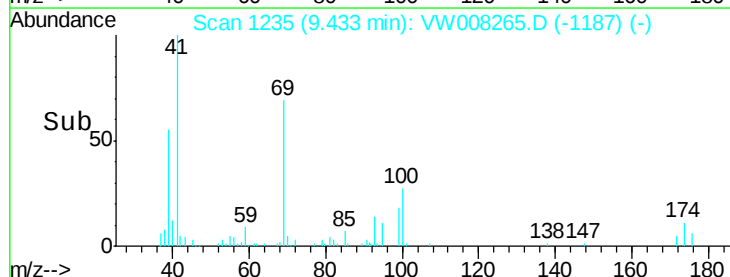
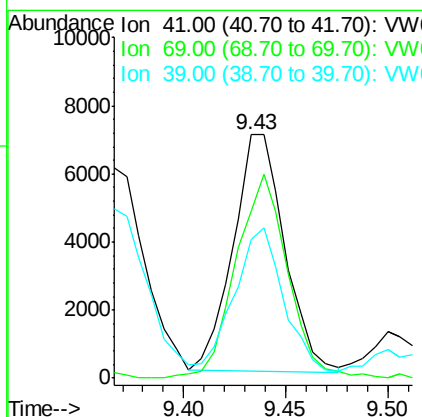
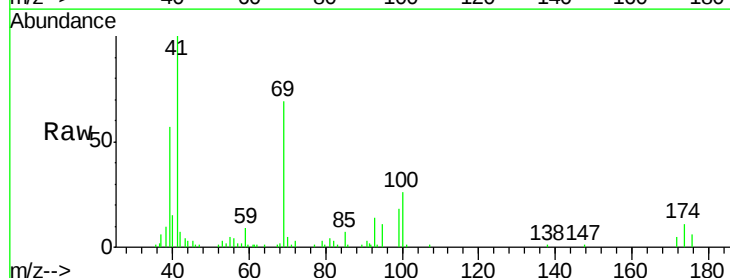
RT: 9.43 min Scan# 1235

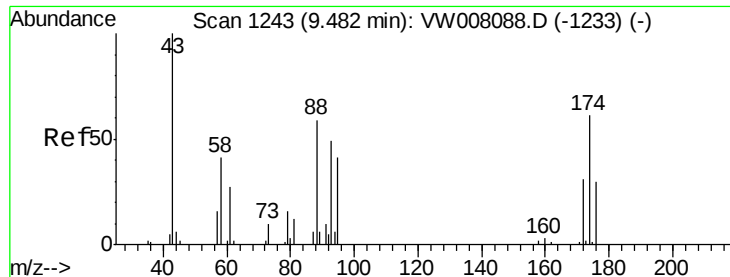
Delta R.T. -0.01 min

Lab File: VW008265.D

Acq: 15 Jan 2019 01:24

Tgt Ion:	41	Resp:	12240
Ion Ratio	Lower	Upper	
41	100		
69	86.2	61.9	92.9
39	59.3	43.0	64.4





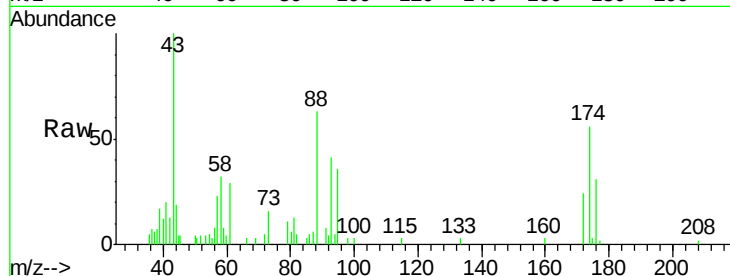
#49
1,4-Dioxane
Concen: 458.394 ug/l
RT: 9.48 min Scan# 1243
Delta R.T. -0.00 min
Lab File: VW008265.D
Acq: 15 Jan 2019 01:24

Instrument :
MSVOA_W
ClientSampleId :
VW0114SBS02

Tot Ion	Ratio	Lower	Upper
88	100		
43	0.0	0.0	0.0
58	91.1	61.7	92.5

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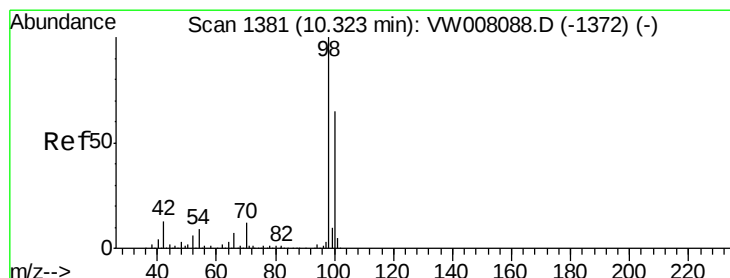
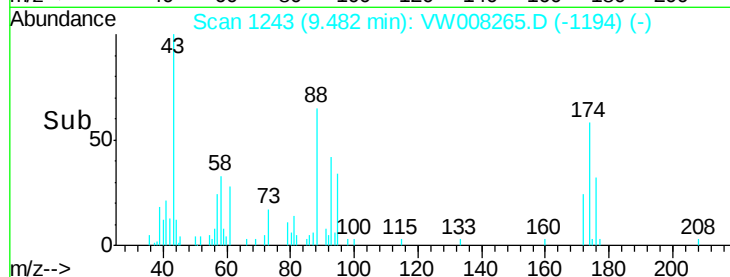
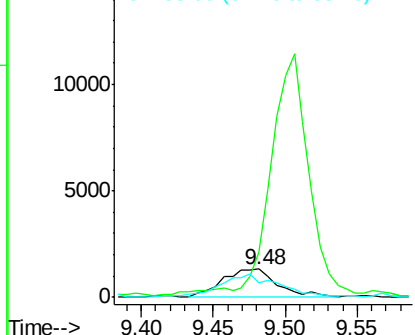


Abundance

Ion 88.00 (87.70 to 88.70): VW

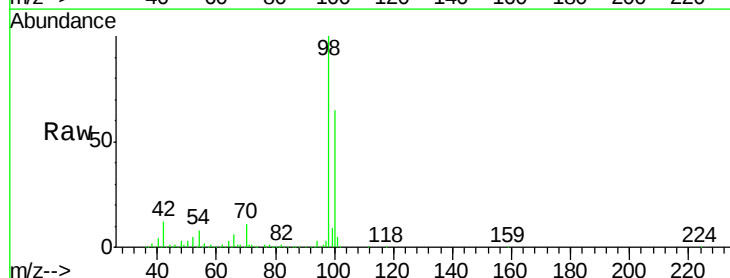
Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#50
Toluene-d8
Concen: 50.798 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW008265.D
Acq: 15 Jan 2019 01:24

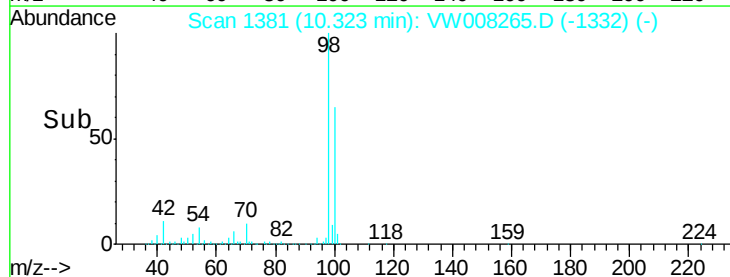
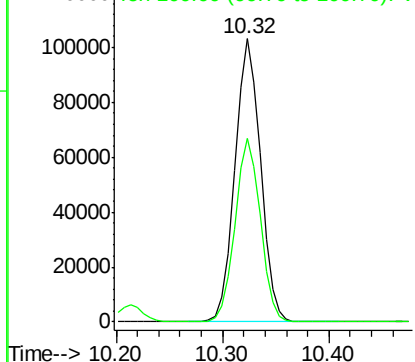
Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.1	51.7	77.5

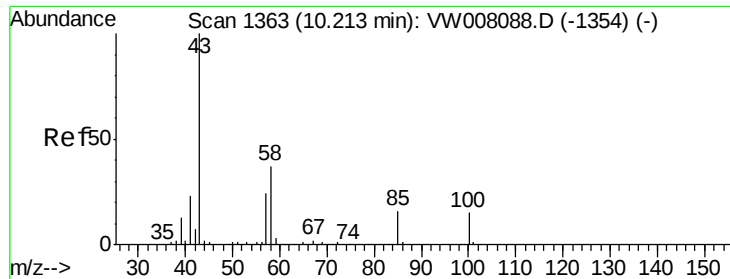


Abundance

Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW





#51

4-Methyl-2-Pentanone

Concen: 121.374 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. -0.00 min

Lab File: VW008265.D

Acq: 15 Jan 2019 01:24

Instrument :

MSVOA_W

ClientSampleId :

VW0114SBS02

Tot Ion: 43 Resp: 67998

Ion Ratio Lower Upper

43 100

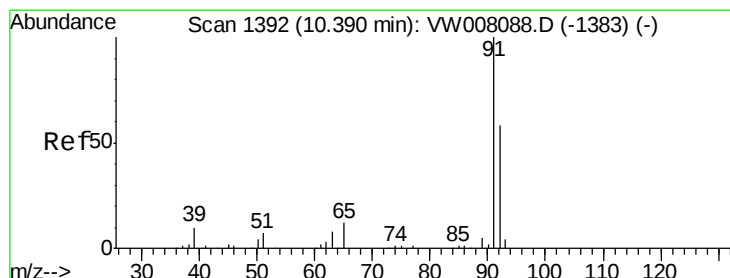
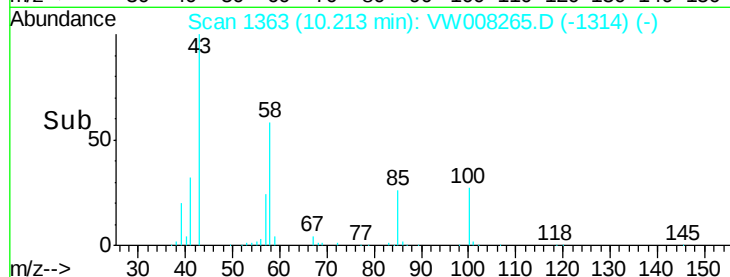
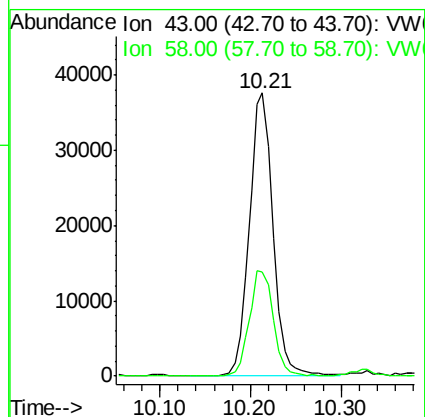
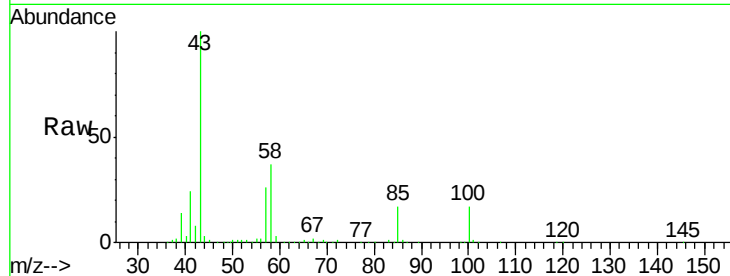
58 38.0 30.6 46.0

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#52

Toluene

Concen: 21.536 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW008265.D

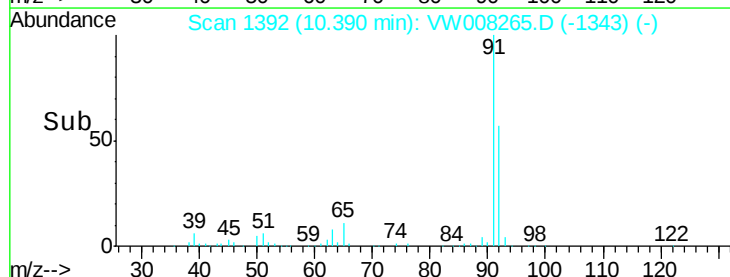
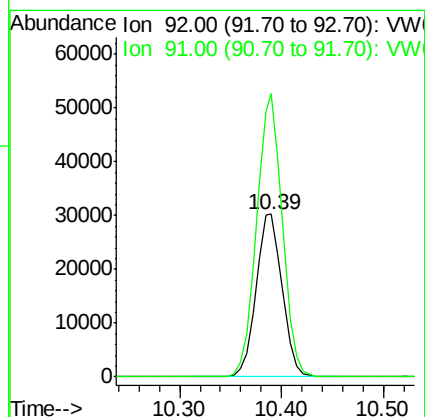
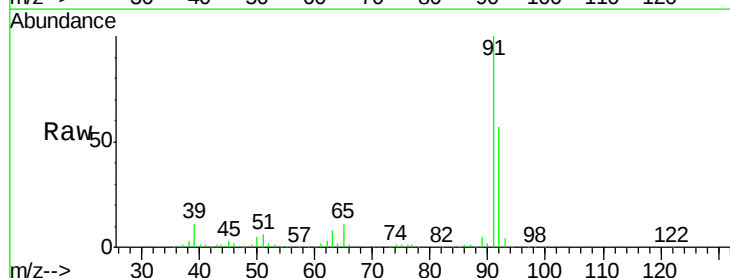
Acq: 15 Jan 2019 01:24

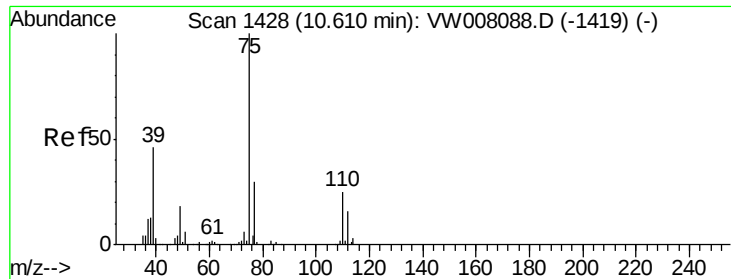
Tgt Ion: 92 Resp: 53900

Ion Ratio Lower Upper

92 100

91 171.6 137.0 205.4





#53

t-1,3-Dichloropropene

Concen: 21.093 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. -0.01 min

Lab File: VW008265.D

Acq: 15 Jan 2019 01:24

Instrument :

MSVOA_W

ClientSampleId :

VW0114SBS02

Tot Ion: 75 Resp: 26587

Ion Ratio Lower Upper

75 100

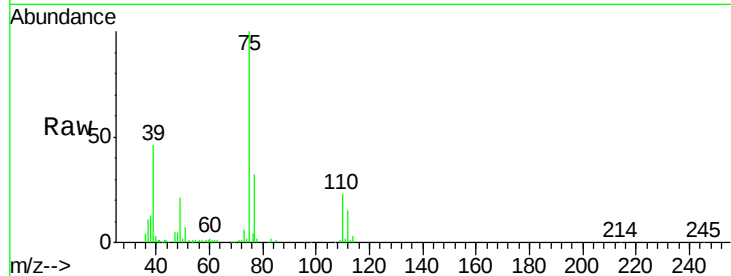
77 32.4 24.4 36.6

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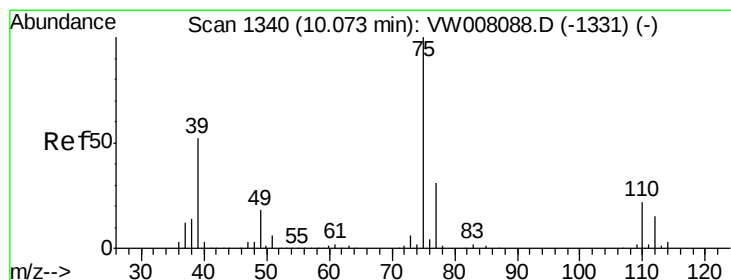
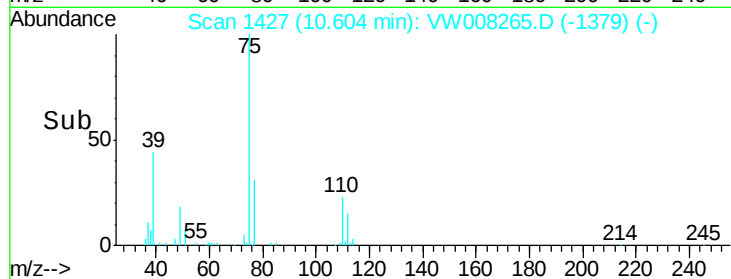
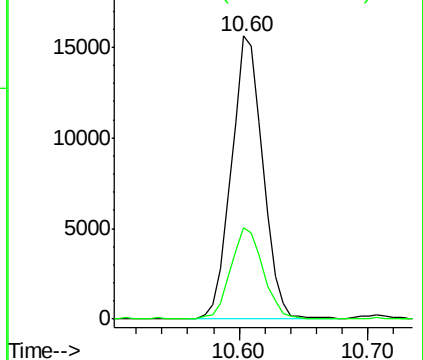
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Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 76.90 (76.60 to 77.60): VW



#54

cis-1,3-Dichloropropene

Concen: 20.394 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. -0.00 min

Lab File: VW008265.D

Acq: 15 Jan 2019 01:24

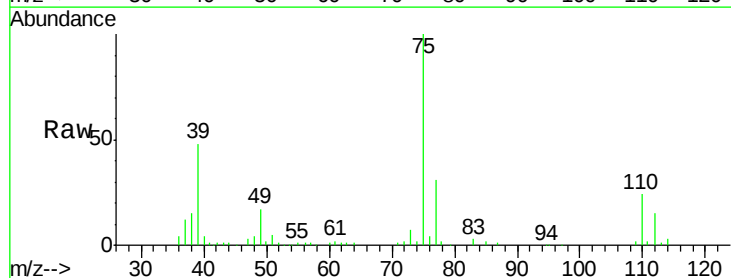
Tgt Ion: 75 Resp: 30482

Ion Ratio Lower Upper

75 100

77 31.1 25.2 37.8

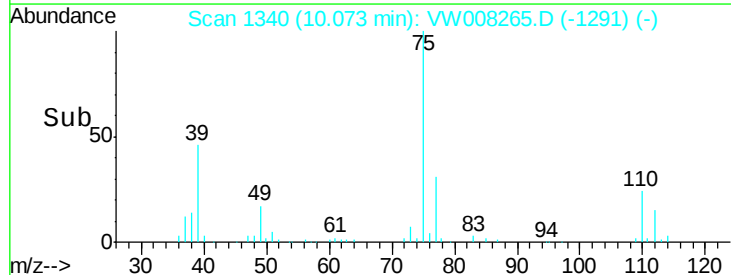
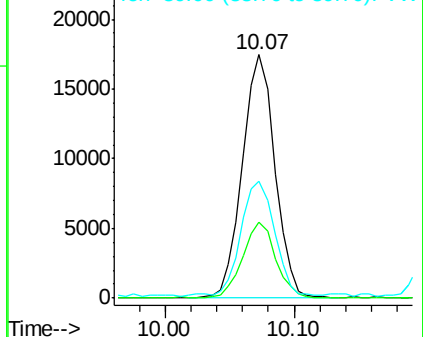
39 46.6 41.4 62.0

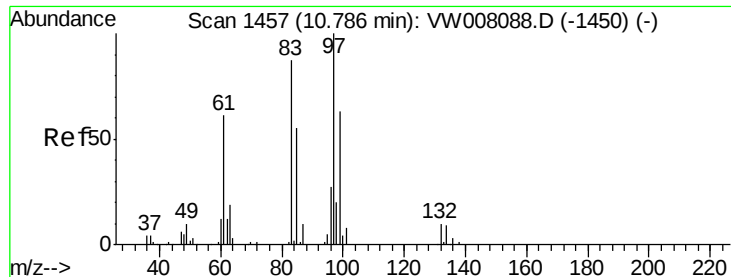


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 76.90 (76.60 to 77.60): VW

Ion 39.00 (38.70 to 39.70): VW





#55

1,1,2-Trichloroethane

Concen: 22.849 ug/l

RT: 10.79 min Scan# 1457

Delta R.T. -0.00 min

Lab File: VW008265.D

Acq: 15 Jan 2019 01:24

Instrument :

MSVOA_W

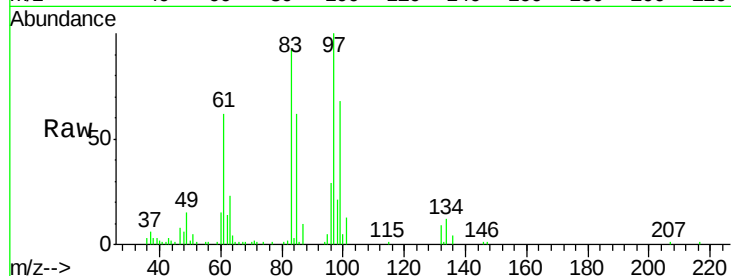
ClientSampleId :

VW0114SBS02

Tot Ion:	97	Resp:	15309
Ion	Ratio	Lower	Upper
97	100		
83	92.3	69.3	103.9
85	62.1	43.8	65.6
99	67.6	50.0	75.0

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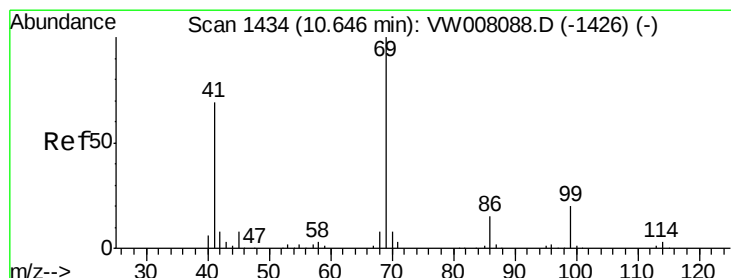
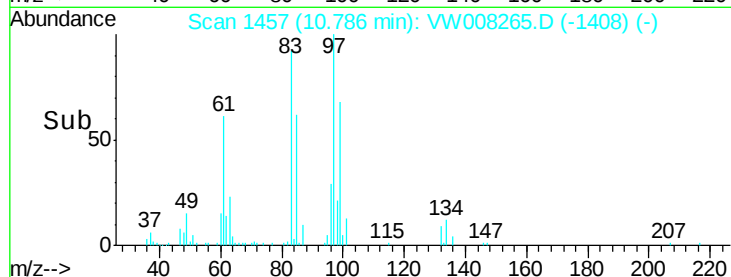
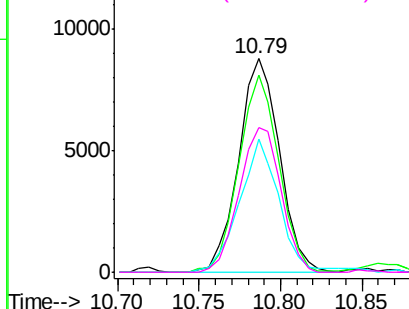


Abundance Ion 96.90 (96.60 to 97.60): VW

Ion 82.90 (82.60 to 83.60): VW

Ion 84.90 (84.60 to 85.60): VW

Ion 98.90 (98.60 to 99.60): VW



#56

Ethyl methacrylate

Concen: 22.817 ug/l

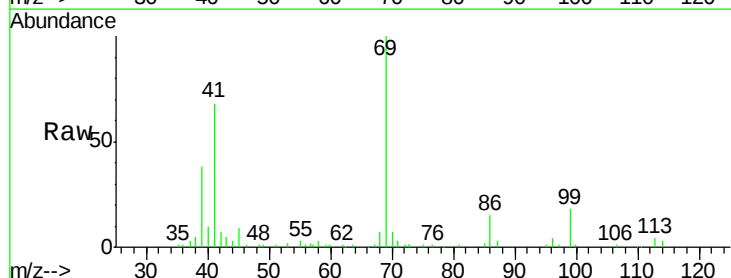
RT: 10.65 min Scan# 1434

Delta R.T. -0.00 min

Lab File: VW008265.D

Acq: 15 Jan 2019 01:24

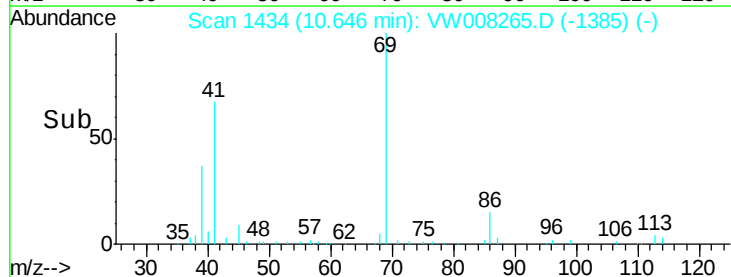
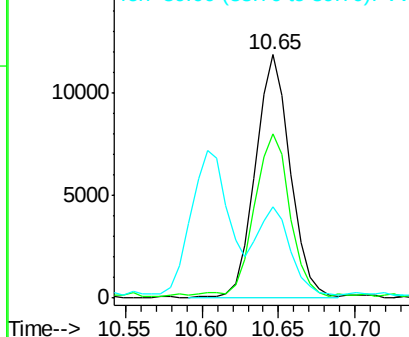
Tgt Ion:	69	Resp:	18933
Ion	Ratio	Lower	Upper
69	100		
41	67.7	56.4	84.6
39	34.5	28.1	42.1



Abundance Ion 69.00 (68.70 to 69.70): VW

Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW





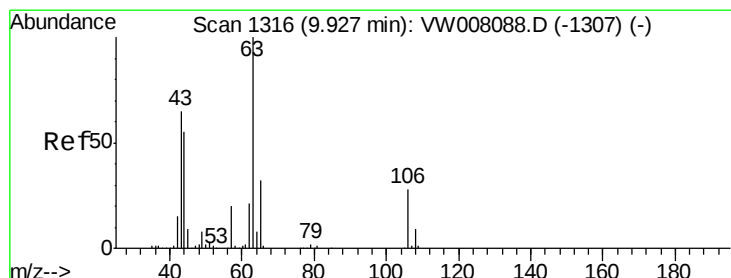
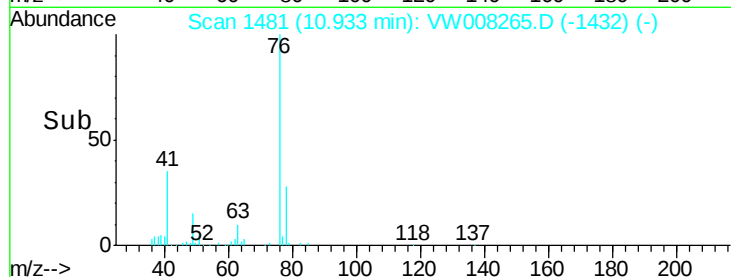
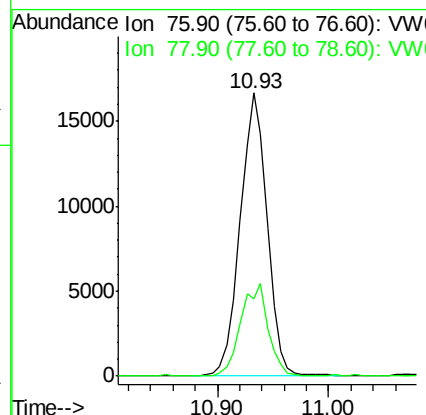
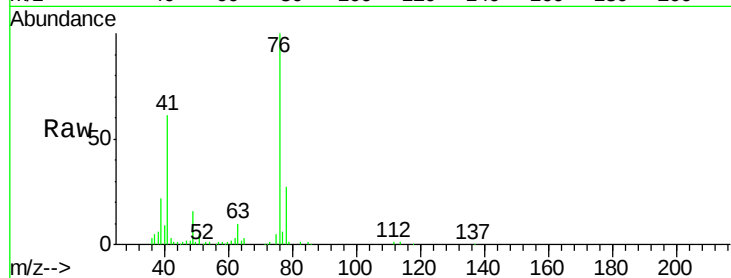
#57
 1,3-Dichloropropane
 Concen: 22.754 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: VW008265.D
 Acq: 15 Jan 2019 01:24

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0114SBS02

Tot Ion: 76 Resp: 27882
 Ion Ratio Lower Upper
 76 100
 78 33.1 25.7 38.5

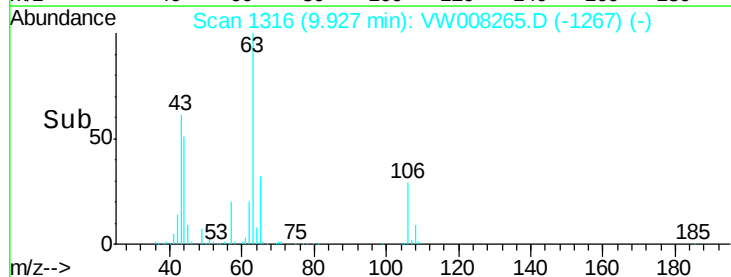
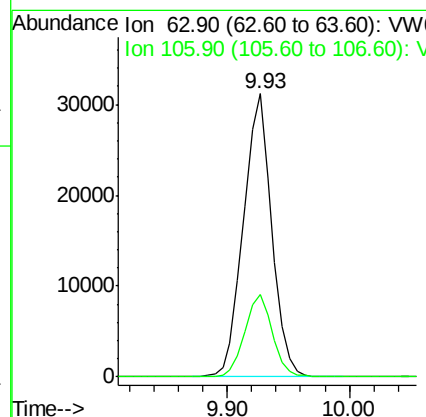
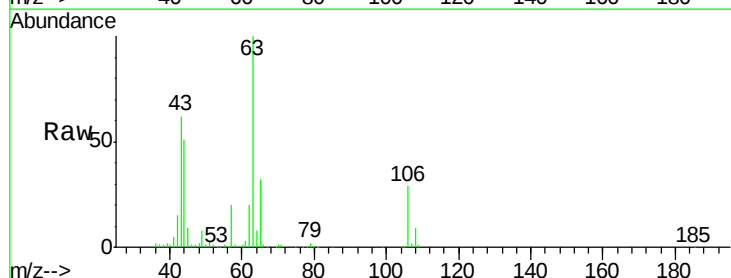
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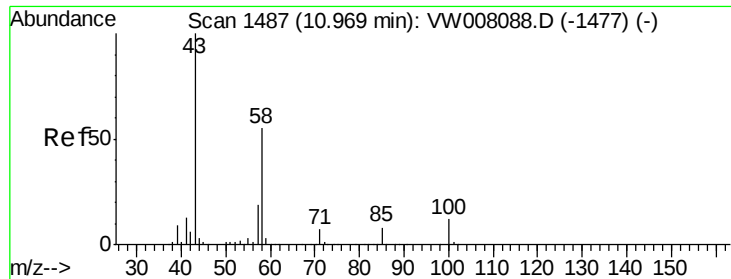
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#58
 2-Chloroethyl Vinyl ether
 Concen: 116.471 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VW008265.D
 Acq: 15 Jan 2019 01:24

Tgt Ion: 63 Resp: 49921
 Ion Ratio Lower Upper
 63 100
 106 28.5 21.8 32.6





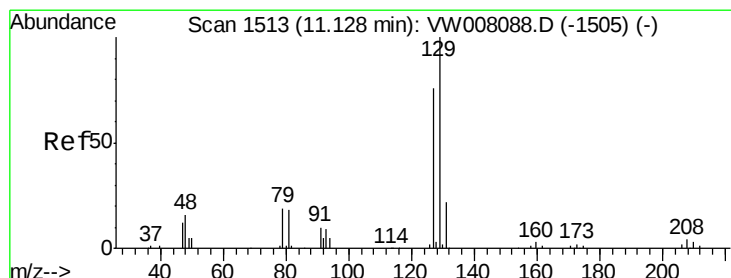
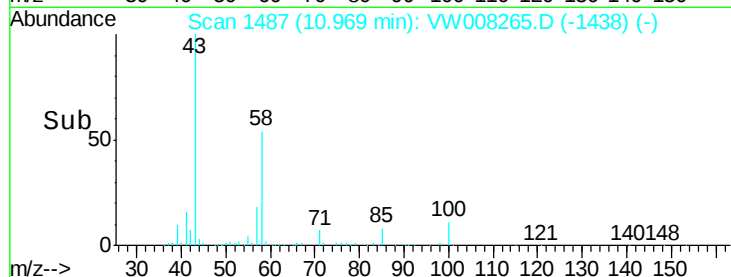
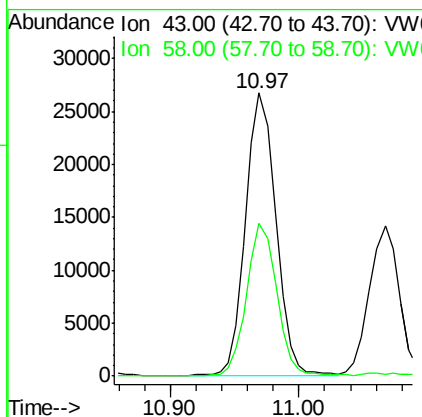
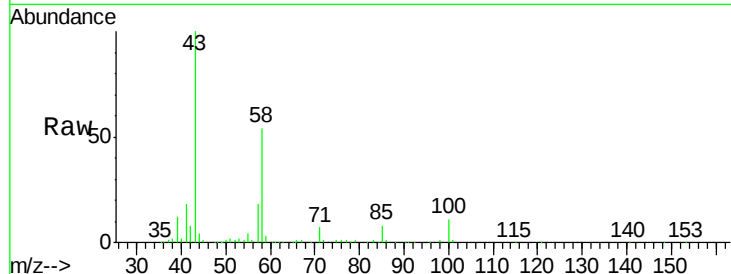
#59
2-Hexanone
Concen: 115.928 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VW008265.D
Acq: 15 Jan 2019 01:24

Instrument :
MSVOA_W
ClientSampleId :
VW0114SBS02

Tot Ion: 43 Resp: 43920
Ion Ratio Lower Upper
43 100
58 53.7 27.2 81.5

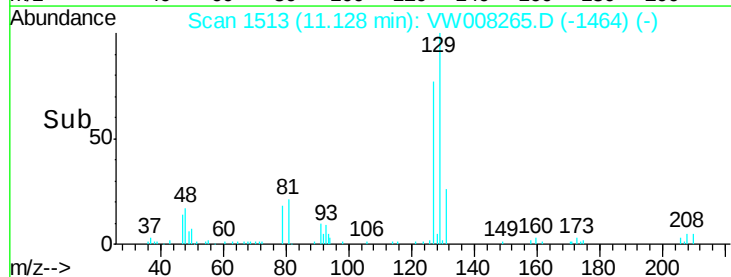
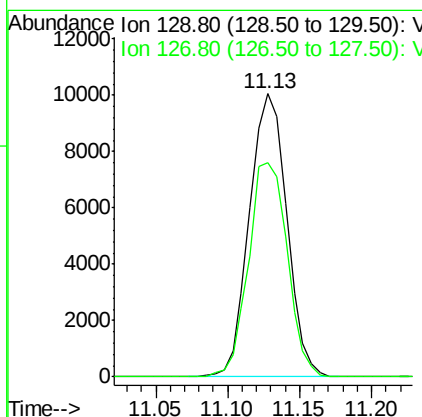
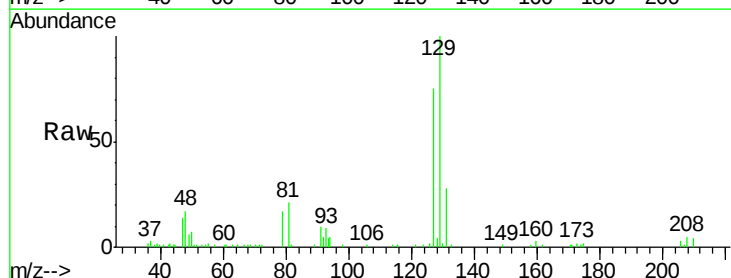
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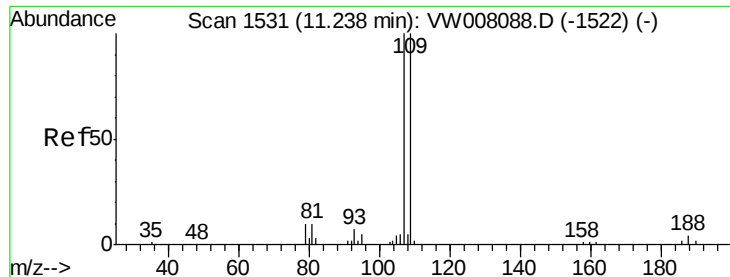
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#60
Dibromochloromethane
Concen: 24.561 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW008265.D
Acq: 15 Jan 2019 01:24

Tgt Ion: 129 Resp: 18071
Ion Ratio Lower Upper
129 100
127 78.4 38.9 116.6





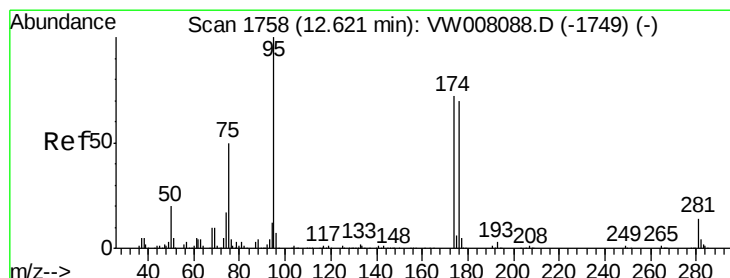
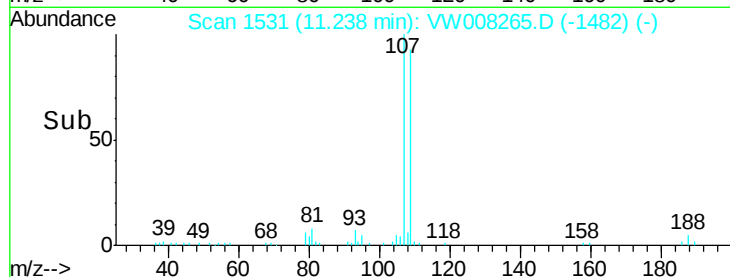
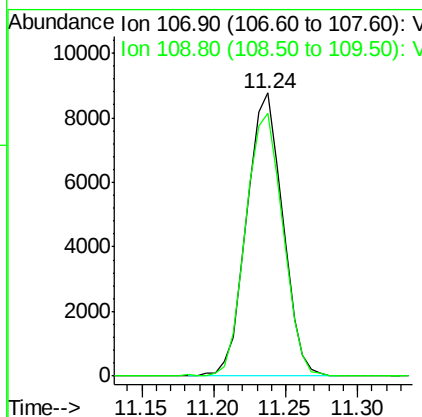
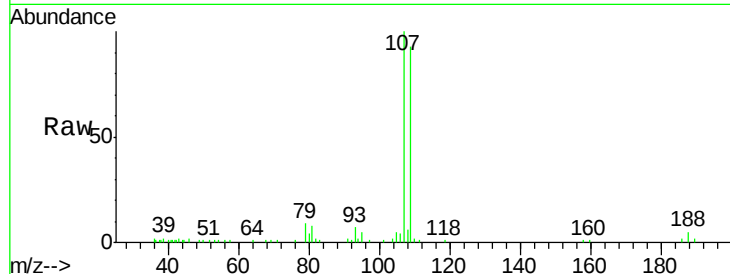
#61
 1,2-Dibromoethane
 Concen: 23.868 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. -0.00 min
 Lab File: VW008265.D
 Acq: 15 Jan 2019 01:24

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0114SBS02

Tot Ion	Ratio	Lower	Upper
107	100		
109	95.7	75.9	113.9

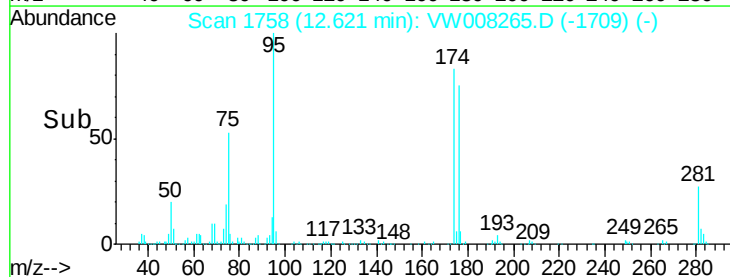
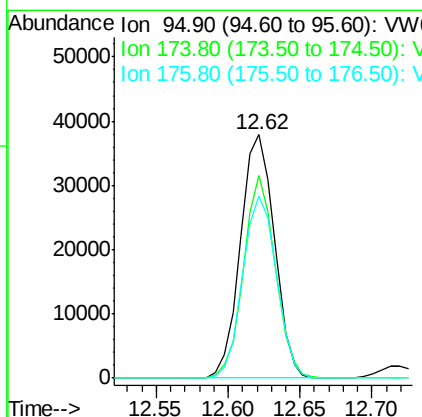
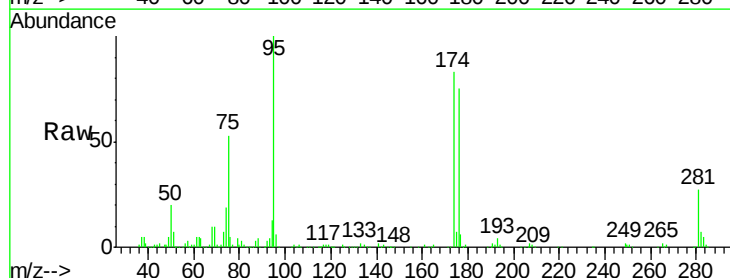
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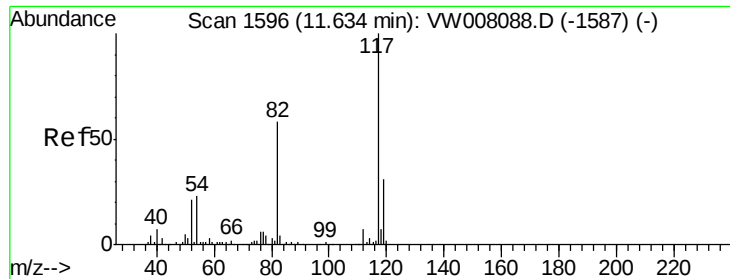
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#62
 4-Bromofluorobenzene
 Concen: 50.333 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.00 min
 Lab File: VW008265.D
 Acq: 15 Jan 2019 01:24

Tgt Ion	Ratio	Lower	Upper
95	100		
174	77.3	0.0	143.0
176	74.1	0.0	140.2





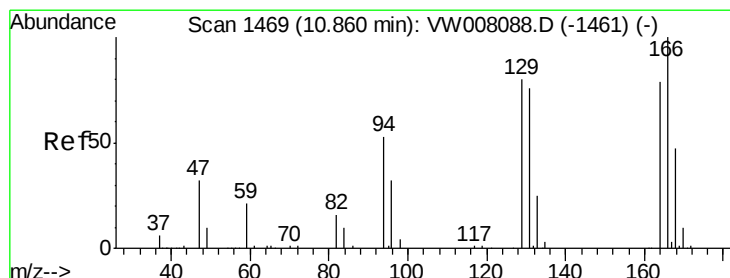
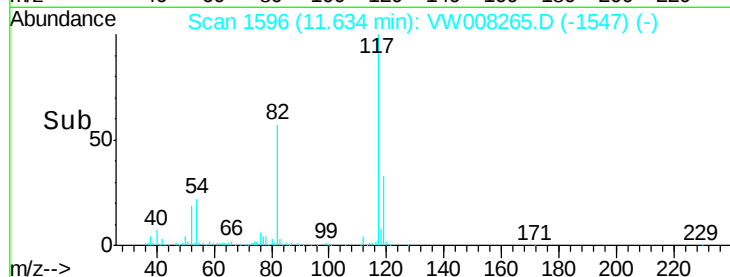
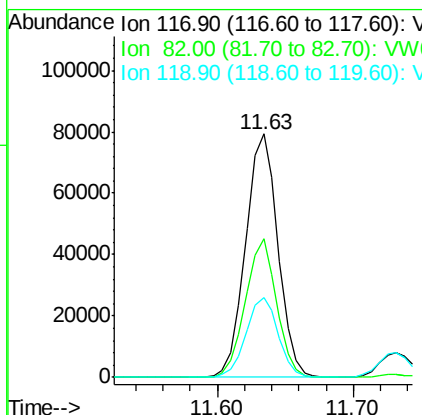
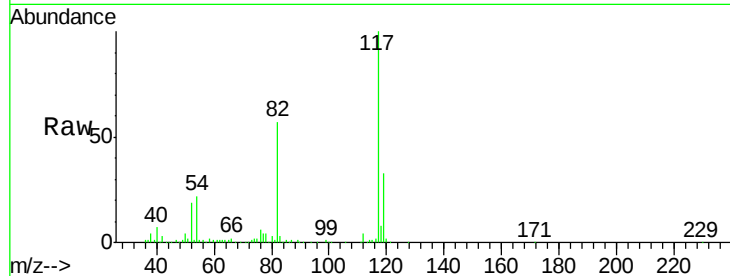
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW008265.D
Acq: 15 Jan 2019 01:24

Instrument :
MSVOA_W
ClientSampled :
VW0114SBS02

Tot Ion	Ratio	Lower	Upper
117	100		
82	56.7	46.4	69.6
119	32.8	24.7	37.1

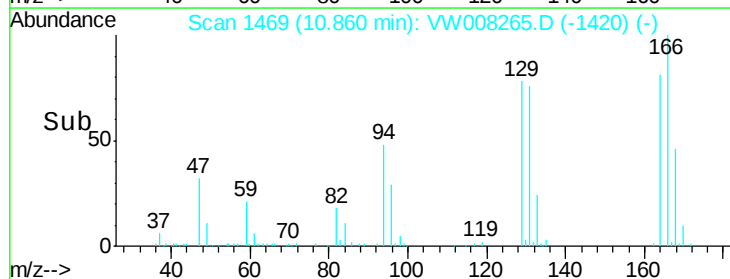
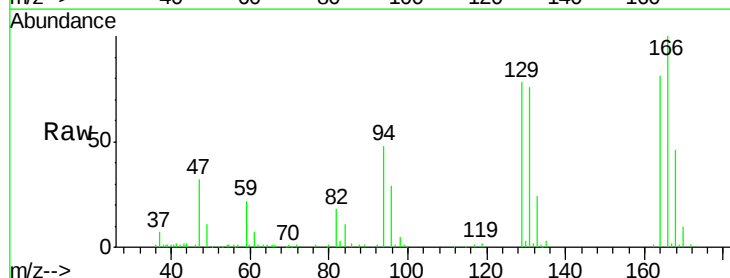
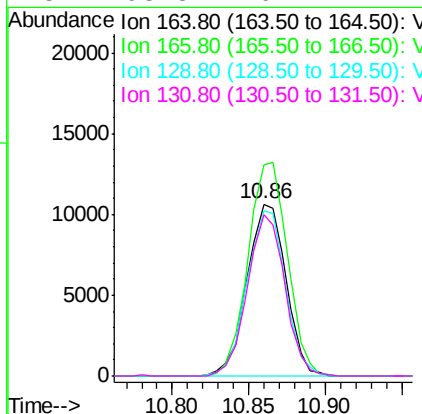
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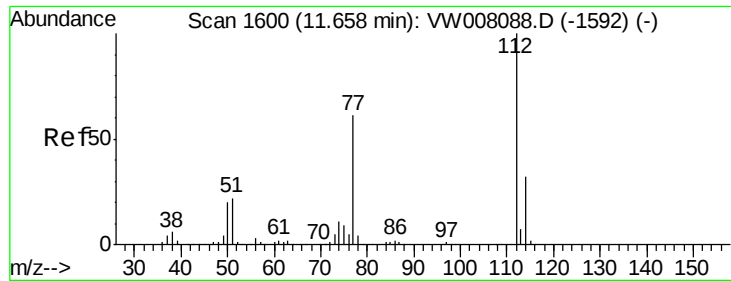
apatel
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#64
Tetrachloroethene
Concen: 21.990 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VW008265.D
Acq: 15 Jan 2019 01:24

Tgt Ion	Ratio	Lower	Upper
164	100		
166	123.3	100.7	151.1
129	96.4	81.0	121.4
131	93.8	76.1	114.1





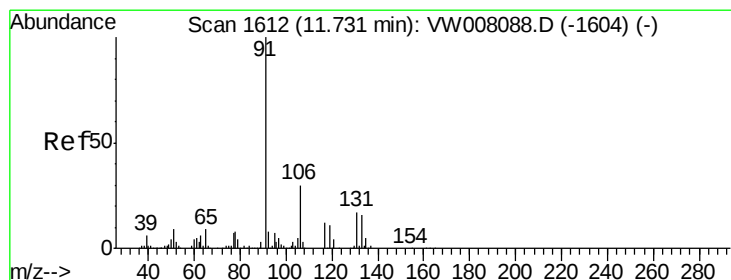
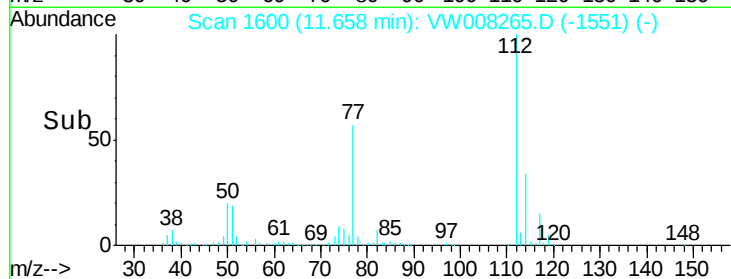
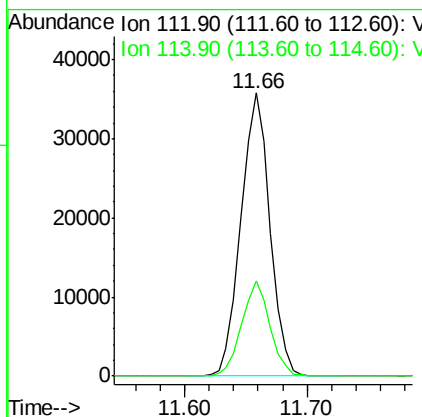
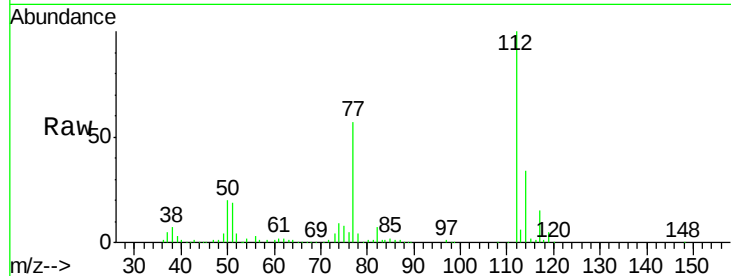
#65
Chlorobenzene
Concen: 20.985 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW008265.D
Acq: 15 Jan 2019 01:24

Instrument :
MSVOA_W
ClientSampleId :
VW0114SBS02

Tot Ion:112 Resp: 58689
Ion Ratio Lower Upper
112 100
114 33.8 25.6 38.4

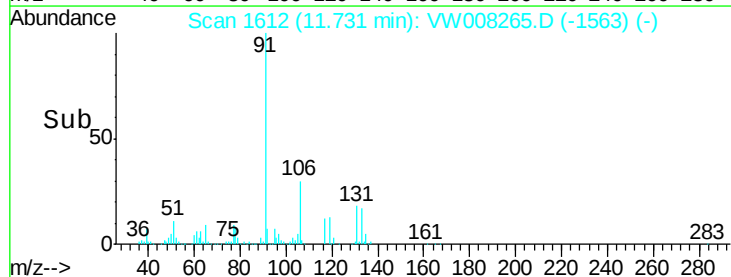
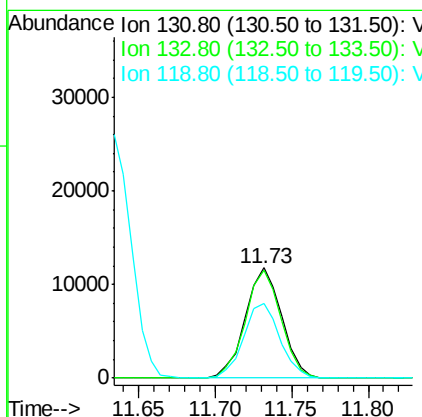
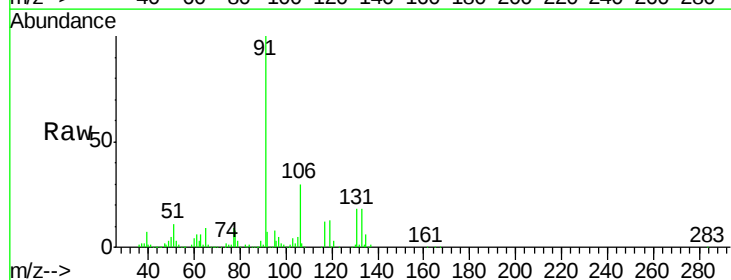
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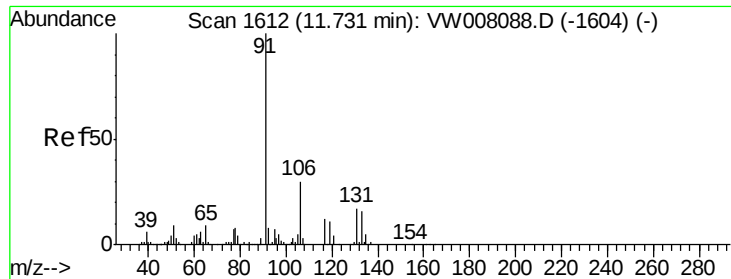
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#66
1,1,1,2-Tetrachloroethane
Concen: 21.443 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW008265.D
Acq: 15 Jan 2019 01:24

Tgt Ion:131 Resp: 19505
Ion Ratio Lower Upper
131 100
133 95.9 47.9 143.7
119 67.6 32.5 97.4





#67

Ethyl Benzene

Concen: 19.657 ug/l

RT: 11.73 min Scan# 1612

Delta R.T. -0.00 min

Lab File: VW008265.D

Acq: 15 Jan 2019 01:24

Instrument :

MSVOA_W

ClientSampled :

VW0114SBS02

Tot Ion: 91 Resp: 100586

Ion Ratio Lower Upper

91 100

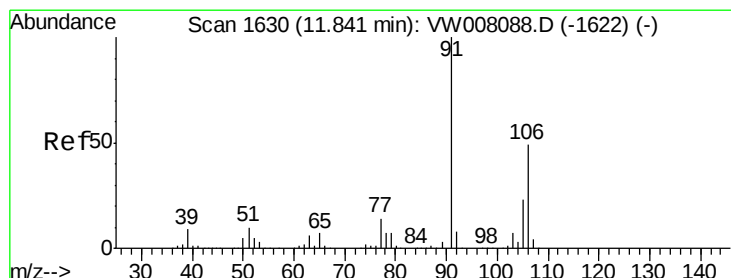
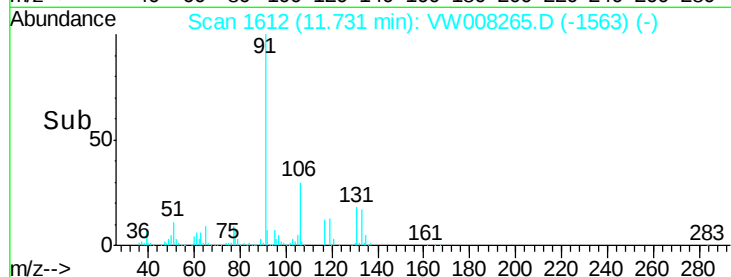
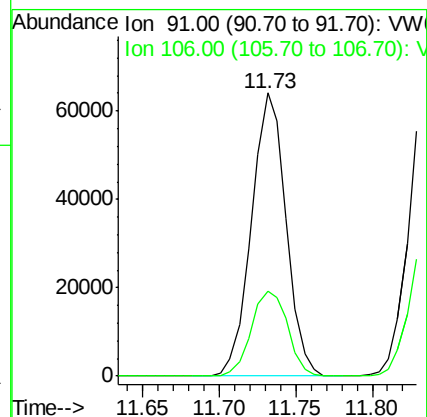
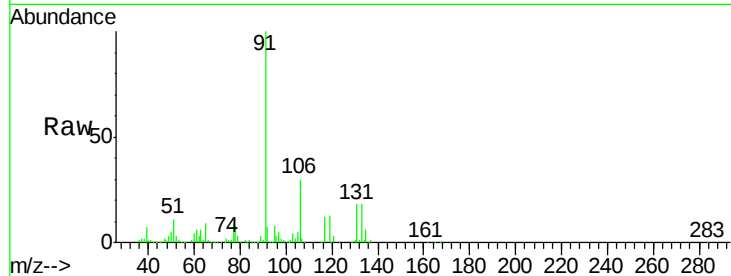
106 29.9 24.2 36.4

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#68

m/p-Xylenes

Concen: 40.411 ug/l

RT: 11.84 min Scan# 1630

Delta R.T. -0.00 min

Lab File: VW008265.D

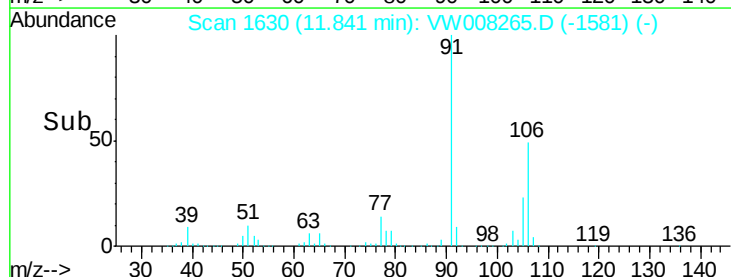
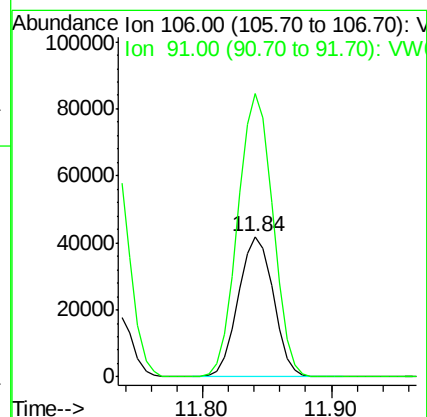
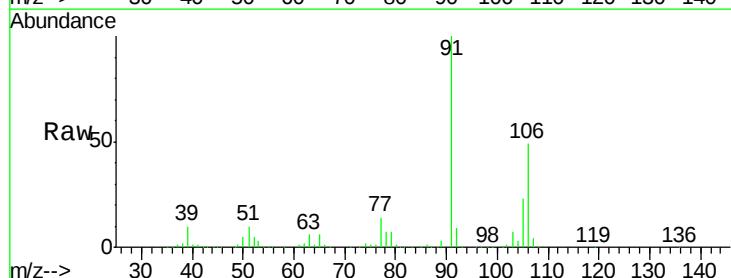
Acq: 15 Jan 2019 01:24

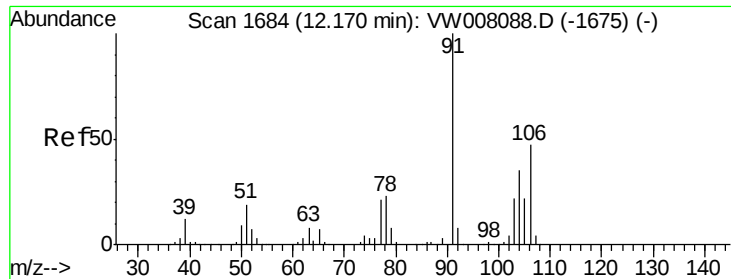
Tgt Ion: 106 Resp: 78929

Ion Ratio Lower Upper

106 100

91 201.7 162.4 243.6





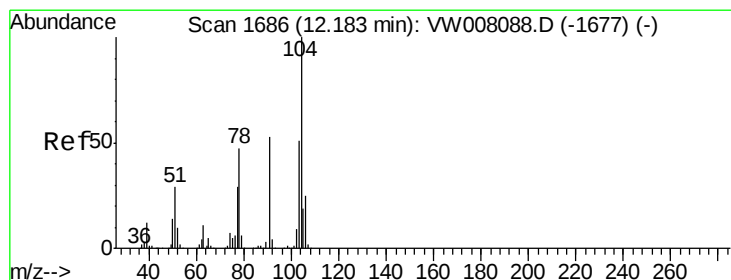
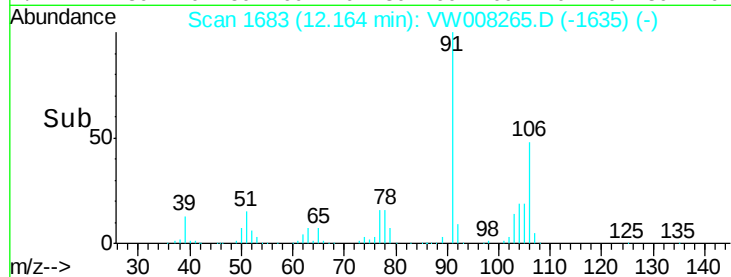
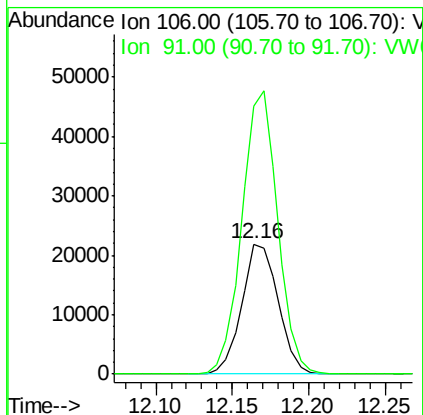
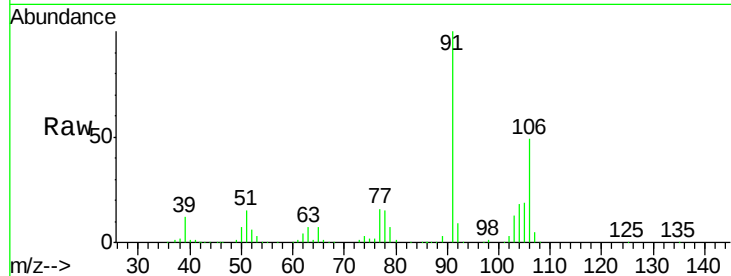
#69
o-Xylene
Concen: 20.020 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.01 min
Lab File: VW008265.D
Acq: 15 Jan 2019 01:24

Instrument :
MSVOA_W
ClientSampled :
VW0114SBS02

Tot Ion:106 Resp: 36210
Ion Ratio Lower Upper
106 100
91 213.4 107.8 323.6

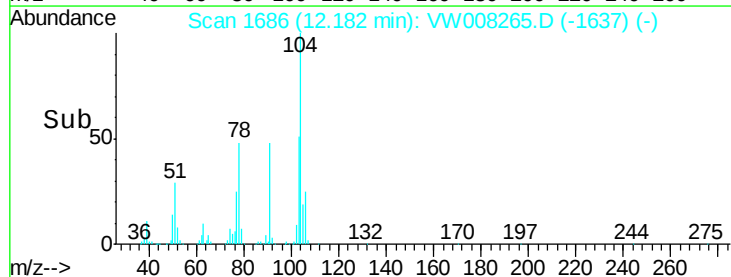
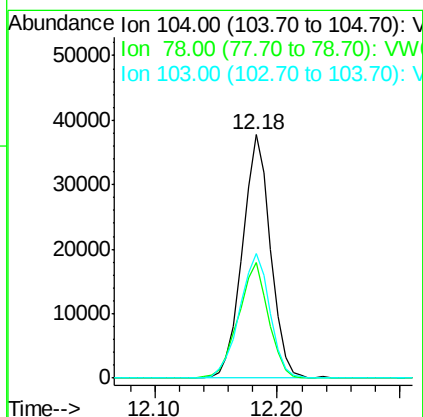
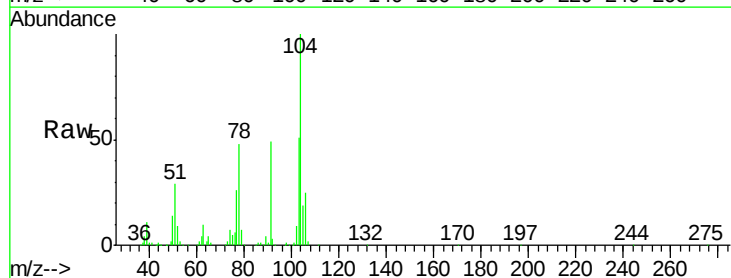
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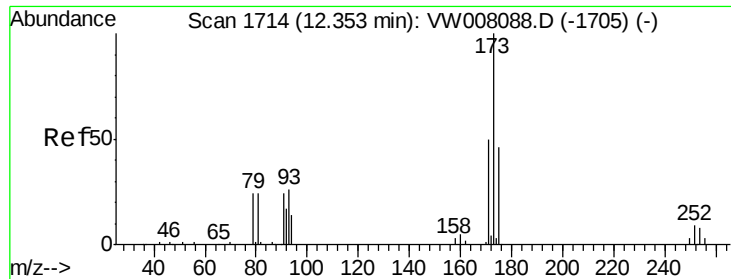
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#70
Styrene
Concen: 21.217 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW008265.D
Acq: 15 Jan 2019 01:24

Tgt Ion:104 Resp: 60109
Ion Ratio Lower Upper
104 100
78 50.7 41.8 62.8
103 55.3 43.8 65.8





#71

Bromoform

Concen: 25.551 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. -0.00 min

Lab File: VW008265.D

Acq: 15 Jan 2019 01:24

Instrument :

MSVOA_W

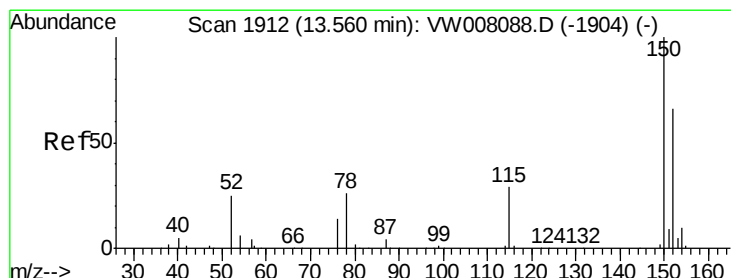
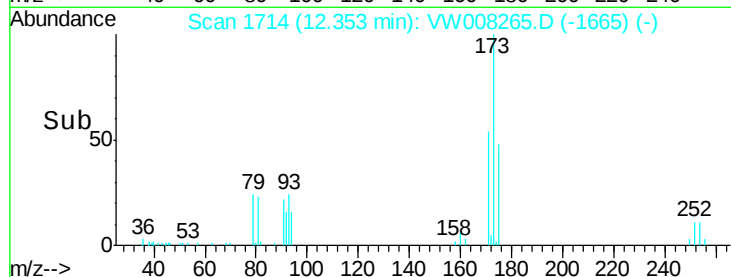
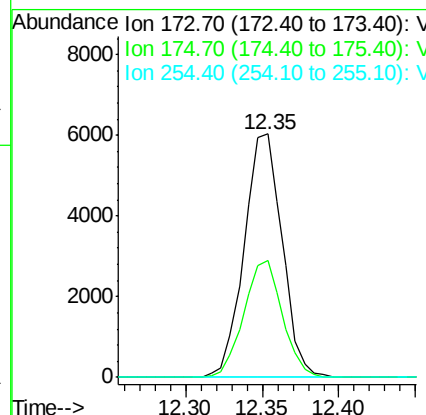
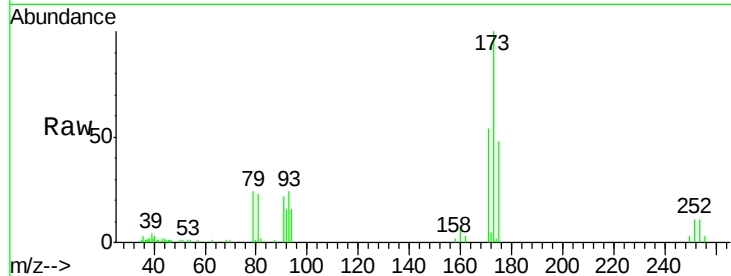
ClientSampleId :

VW0114SBS02

Tot Ion:	173	Resp:	10402
Ion Ratio	Lower	Upper	
173	100		
175	48.9	23.3	69.8
254	0.0	0.0	0.0

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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

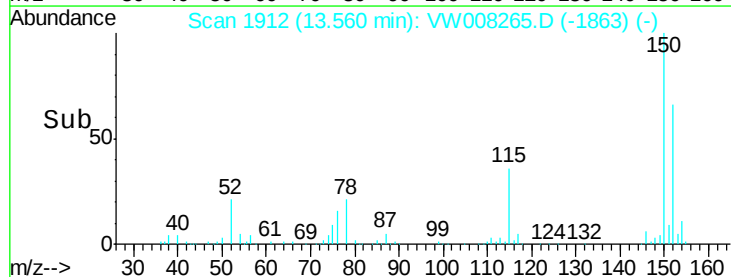
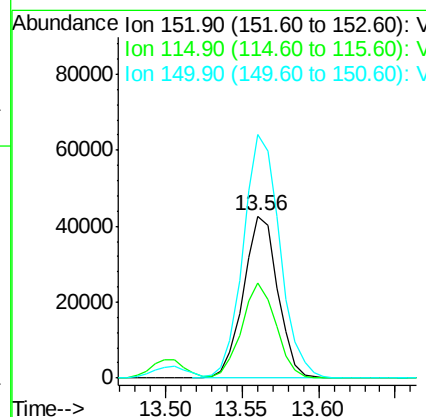
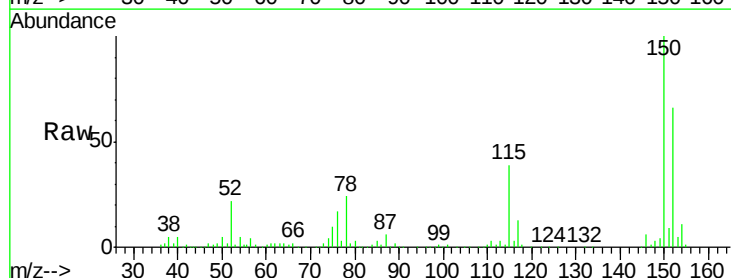
RT: 13.56 min Scan# 1912

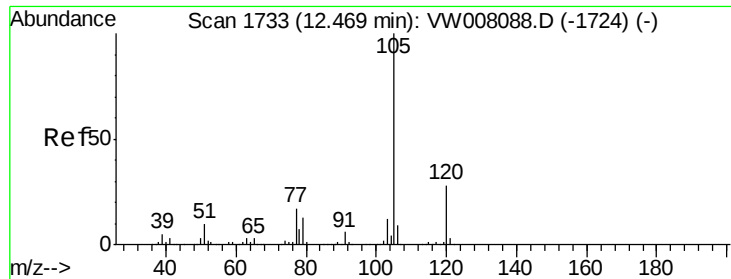
Delta R.T. -0.00 min

Lab File: VW008265.D

Acq: 15 Jan 2019 01:24

Tgt Ion:	152	Resp:	66309
Ion Ratio	Lower	Upper	
152	100		
115	58.5	30.8	92.4
150	160.8	0.0	350.2





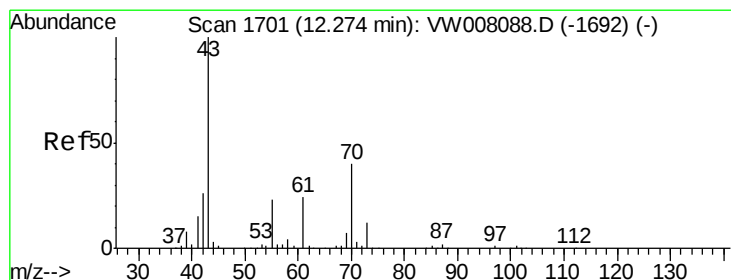
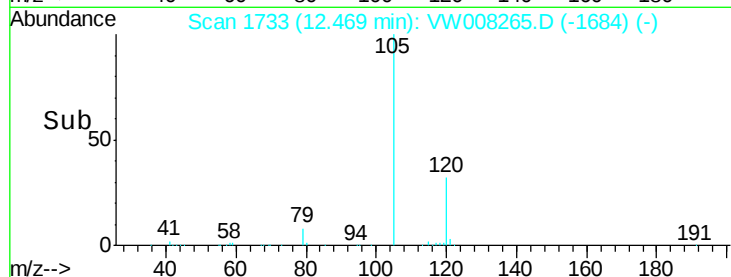
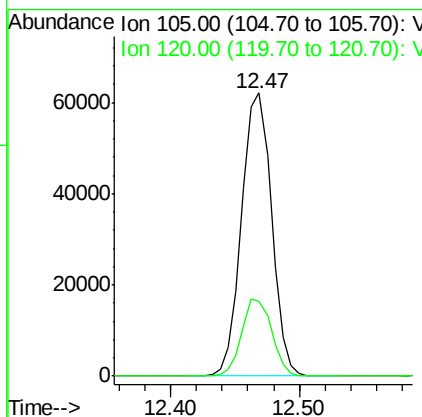
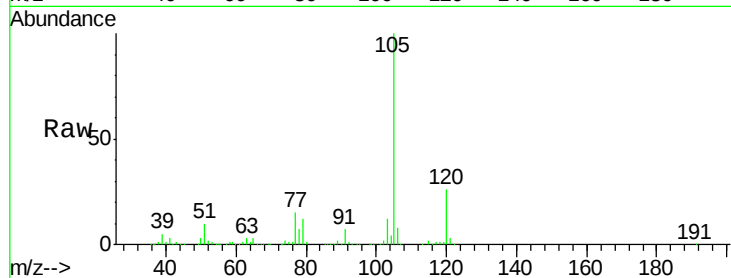
#73
Isopropylbenzene
Concen: 19.190 ug/l
RT: 12.47 min Scan# 1733
Delta R.T. -0.00 min
Lab File: VW008265.D
Acq: 15 Jan 2019 01:24

Instrument :
MSVOA_W
ClientSampleId :
VW0114SBS02

Tot Ion:105 Resp: 99902
Ion Ratio Lower Upper
105 100
120 27.4 13.6 40.8

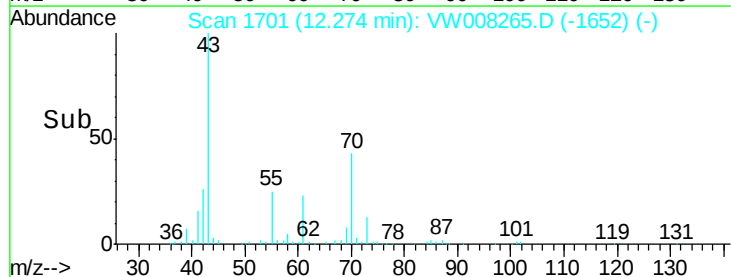
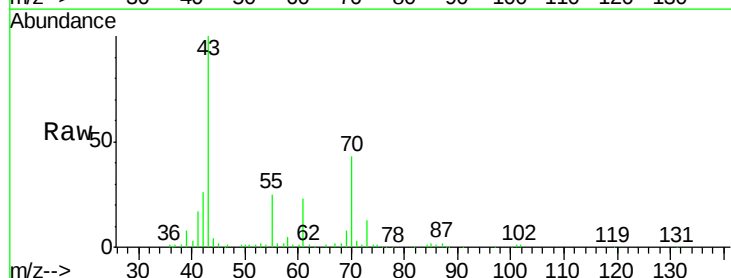
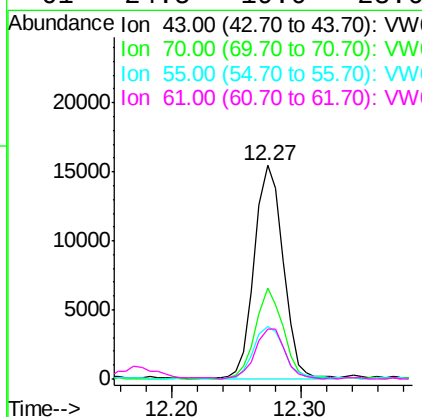
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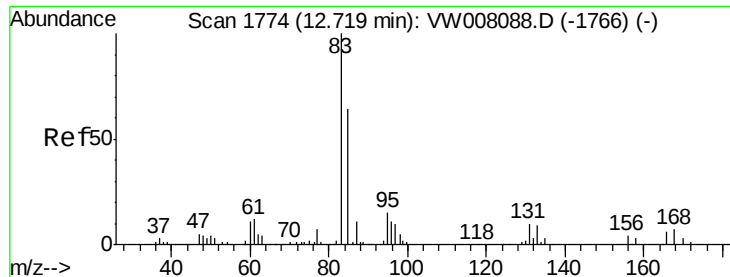
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#74
N-ethyl acetate
Concen: 20.944 ug/l
RT: 12.27 min Scan# 1701
Delta R.T. -0.00 min
Lab File: VW008265.D
Acq: 15 Jan 2019 01:24

Tgt Ion: 43 Resp: 24146
Ion Ratio Lower Upper
43 100
70 41.0 32.4 48.6
55 26.3 18.7 28.1
61 24.5 19.0 28.6





#75

1,1,2,2-Tetrachloroethane

Concen: 23.917 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. -0.00 min

Lab File: VW008265.D

Acq: 15 Jan 2019 01:24

Instrument :

MSVOA_W

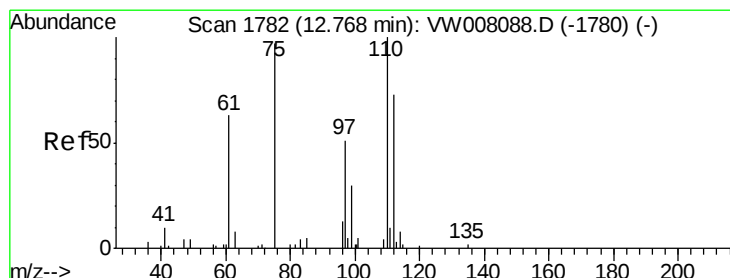
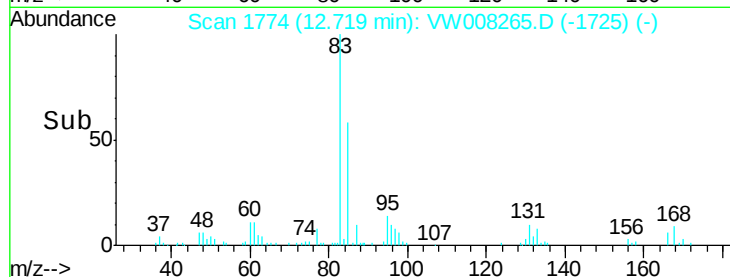
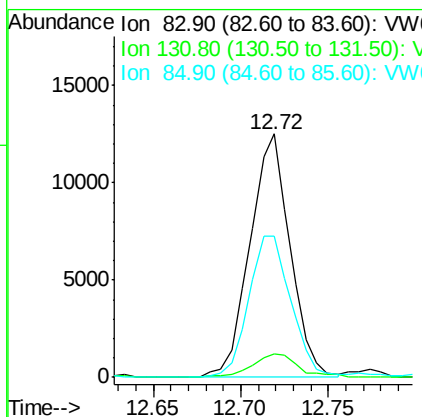
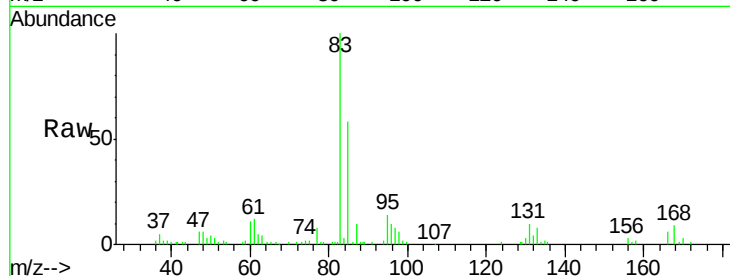
ClientSampleId :

VW0114SBS02

Tot Ion:	83	Resp:	19929
Ion Ratio	Lower	Upper	
83	100		
131	11.1	5.3	16.1
85	61.3	32.4	97.2

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 22.686 ug/l m

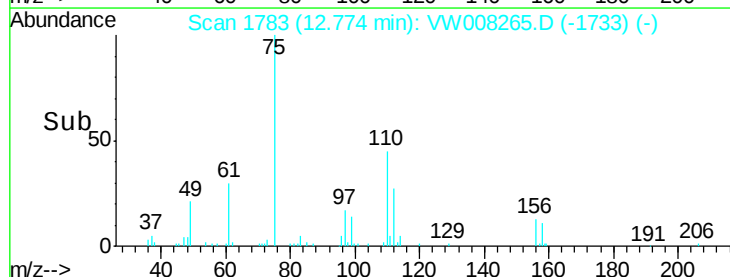
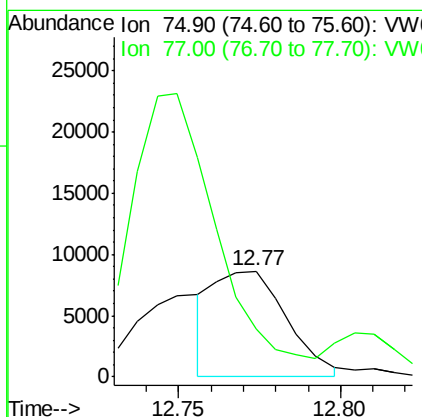
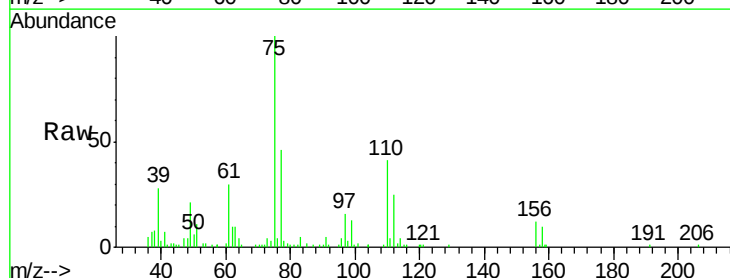
RT: 12.77 min Scan# 1783

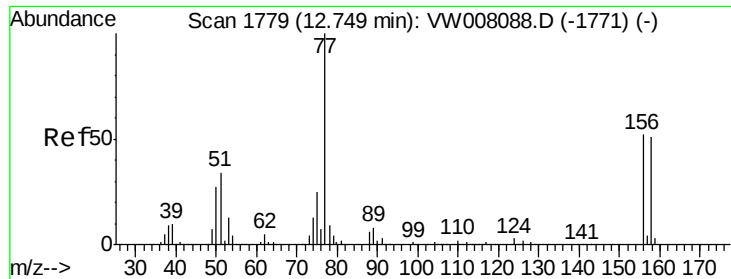
Delta R.T. 0.01 min

Lab File: VW008265.D

Acq: 15 Jan 2019 01:24

Tgt Ion:	75	Resp:	13713
Ion Ratio	Lower	Upper	
75	100		
77	0.0	179.4	538.2#





#77

Bromobenzene

Concen: 20.853 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VW008265.D

Acq: 15 Jan 2019 01:24

Instrument :

MSVOA_W

ClientSampleId :

VW0114SBS02

Tot Ion:156 Resp: 22938

Ion Ratio Lower Upper

156 100

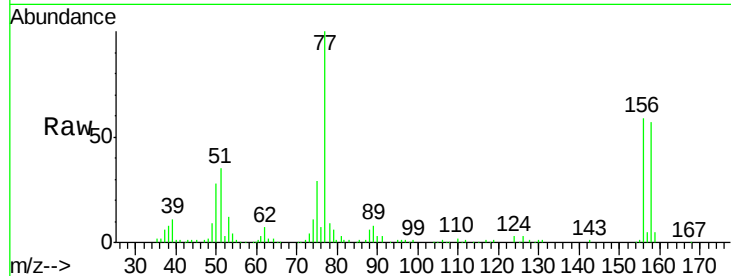
77 193.0 104.2 312.5

158 94.9 47.9 143.6

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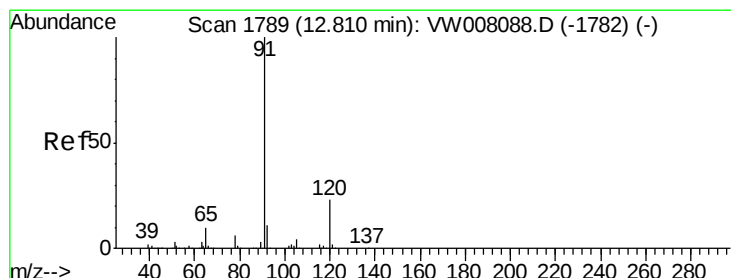
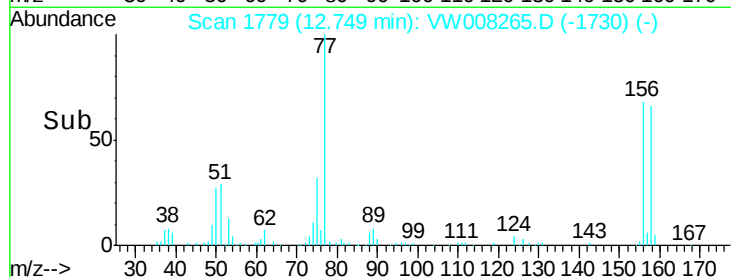
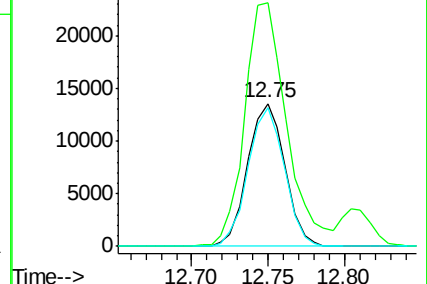
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 18.930 ug/l

RT: 12.81 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VW008265.D

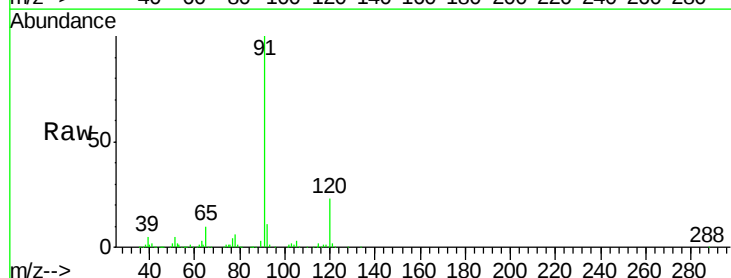
Acq: 15 Jan 2019 01:24

Tgt Ion: 91 Resp: 120746

Ion Ratio Lower Upper

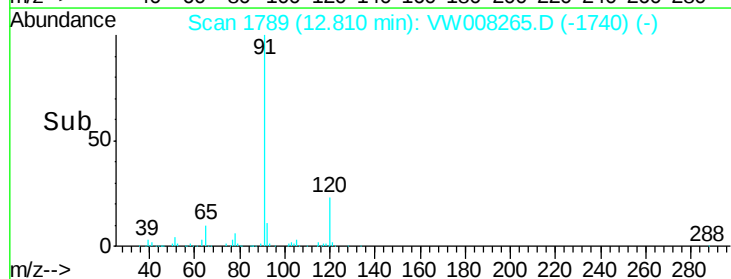
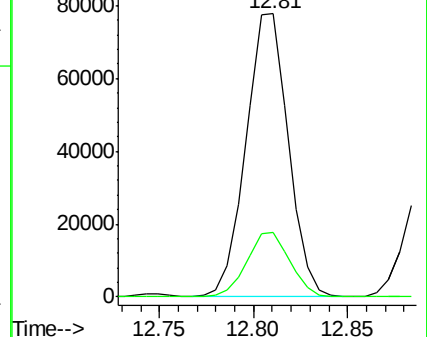
91 100

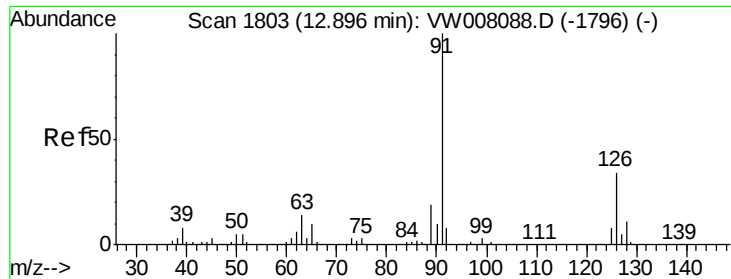
120 23.3 11.3 33.8



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.112 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VW008265.D

Acq: 15 Jan 2019 01:24

Instrument :

MSVOA_W

ClientSampleId :

VW0114SBS02

Tot Ion: 91 Resp: 68013

Ion Ratio Lower Upper

91 100

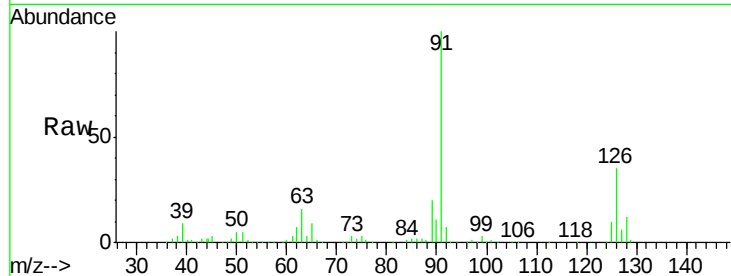
126 34.8 16.8 50.3

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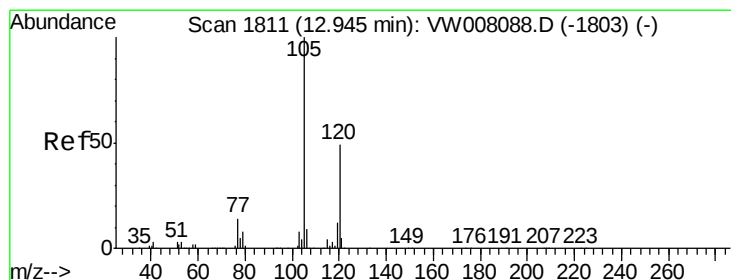
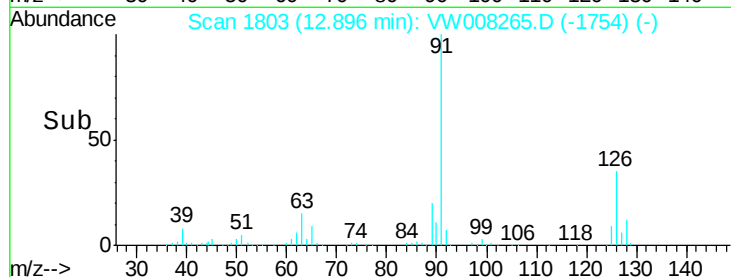
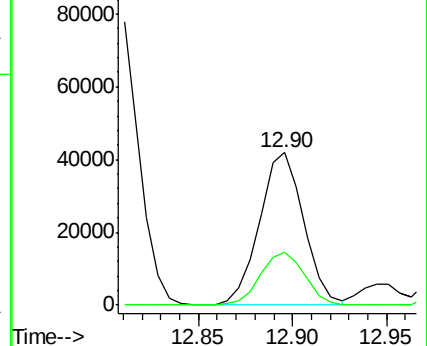
apatel

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Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 19.622 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. -0.00 min

Lab File: VW008265.D

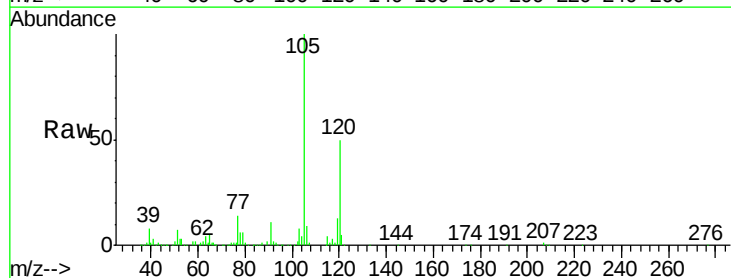
Acq: 15 Jan 2019 01:24

Tgt Ion:105 Resp: 83941

Ion Ratio Lower Upper

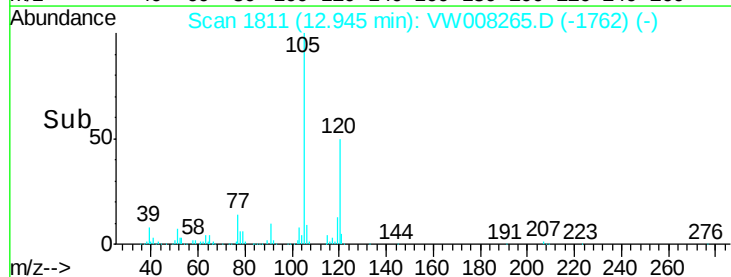
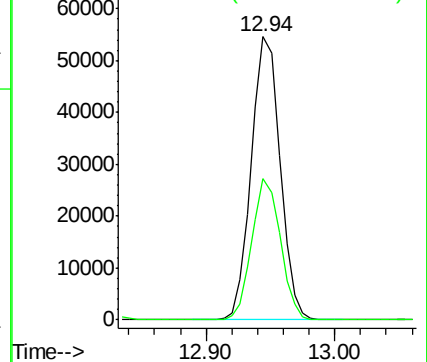
105 100

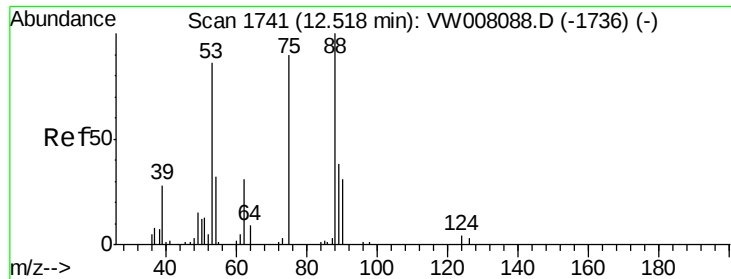
120 49.7 24.7 74.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





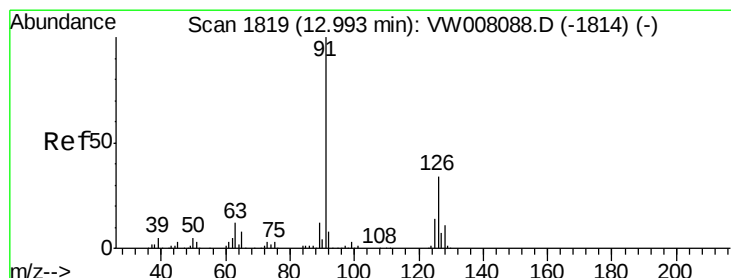
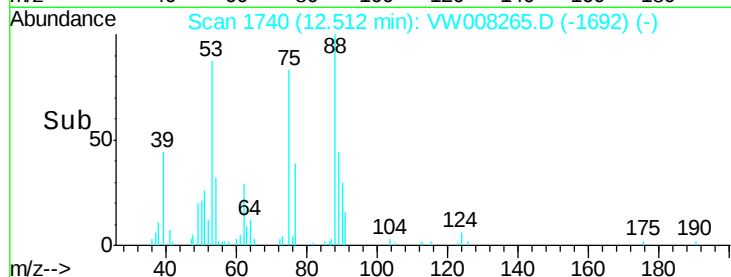
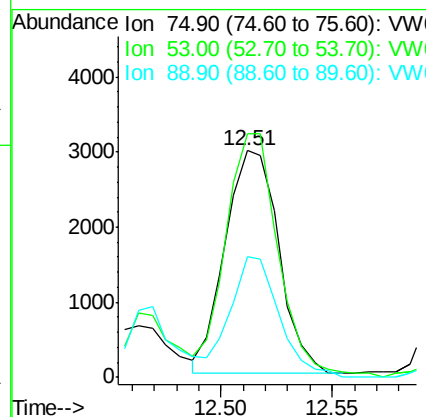
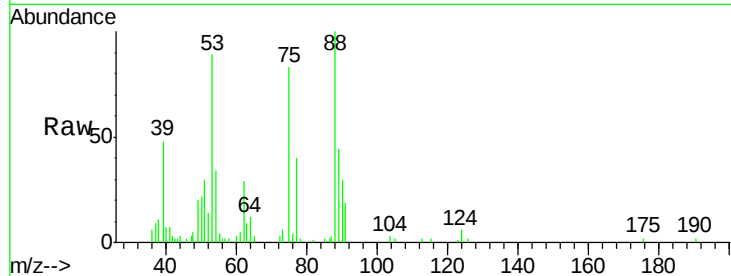
#81
trans-1,4-Dichloro-2-butene
Concen: 19.042 ug/l
RT: 12.51 min Scan# 1740
Delta R.T. -0.01 min
Lab File: VW008265.D
Acq: 15 Jan 2019 01:24

Instrument :
MSVOA_W
ClientSampleId :
VW0114SBS02

Tot Ion	Ratio	Lower	Upper
75	100		
53	108.9	78.8	118.2
89	49.3	35.4	53.2

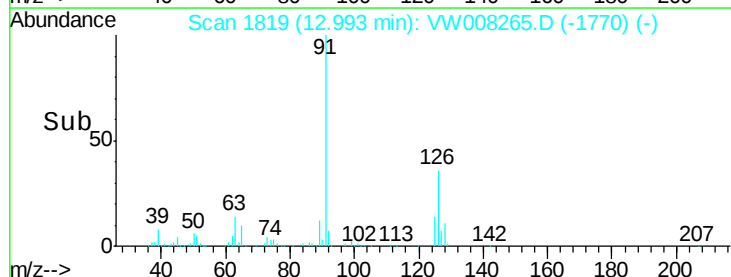
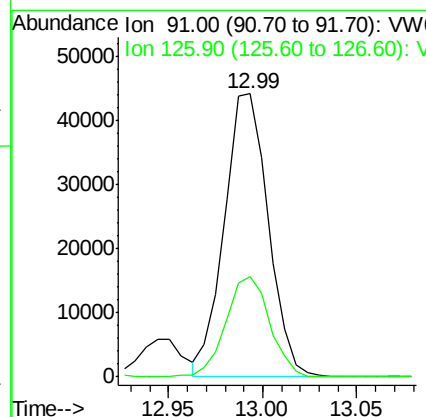
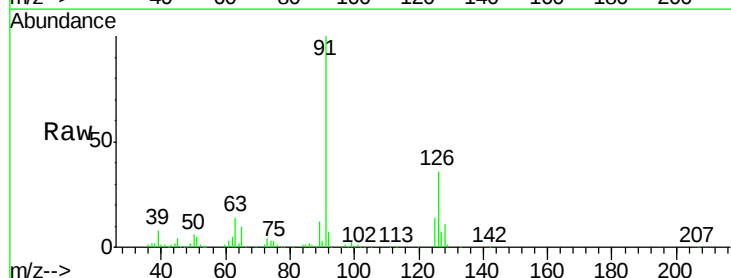
Manual Integrations
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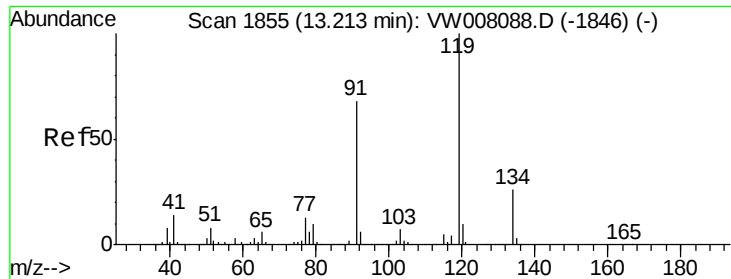
apatel
1/15/2019 2:08:58 PM



#82
4-Chlorotoluene
Concen: 19.065 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. -0.00 min
Lab File: VW008265.D
Acq: 15 Jan 2019 01:24

Tgt Ion	Ratio	Lower	Upper
91	100		
126	35.4	16.5	49.5





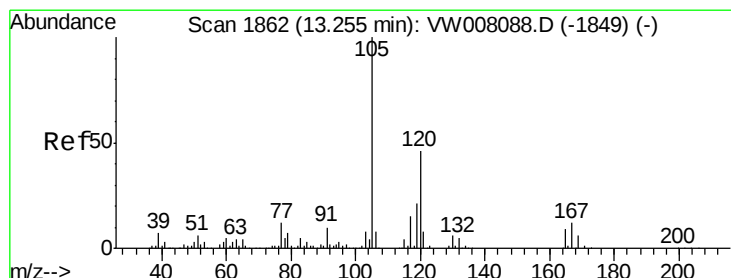
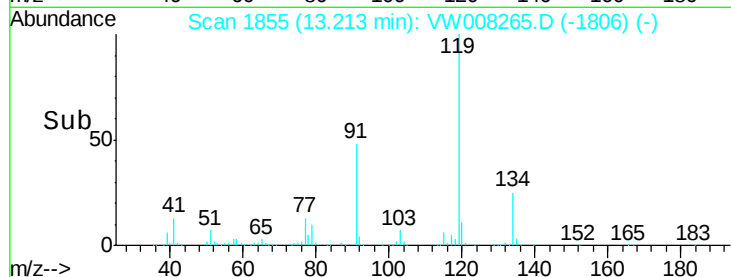
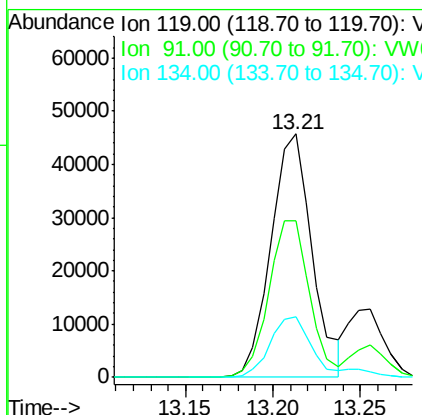
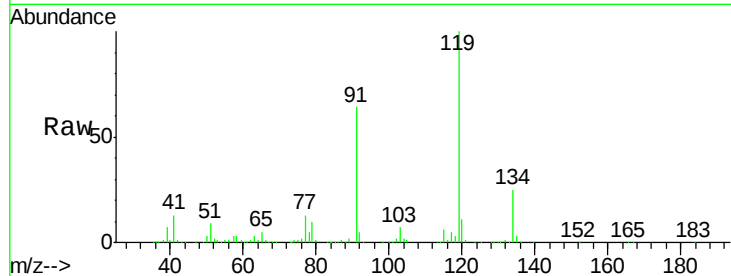
#83
 tert-Butylbenzene
 Concen: 19.904 ug/l
 RT: 13.21 min Scan# 1855
 Delta R.T. -0.00 min
 Lab File: VW008265.D
 Acq: 15 Jan 2019 01:24

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0114SBS02

Tot Ion	Ratio	Lower	Upper
119	100		
91	63.7	33.9	101.6
134	24.8	13.6	40.8

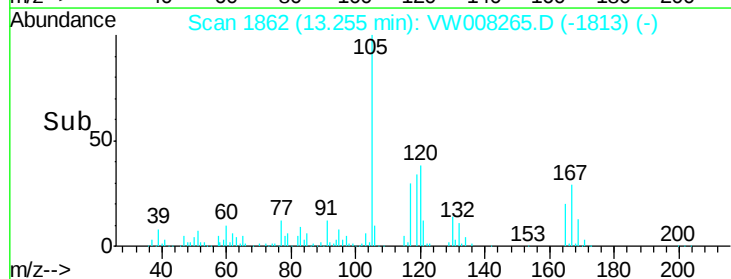
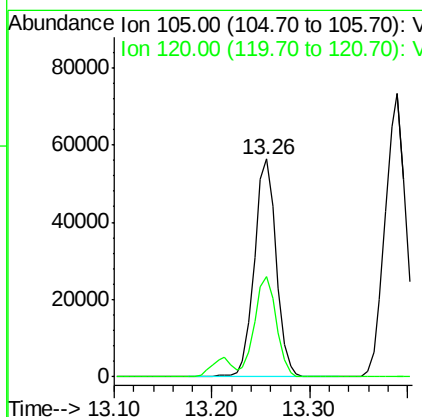
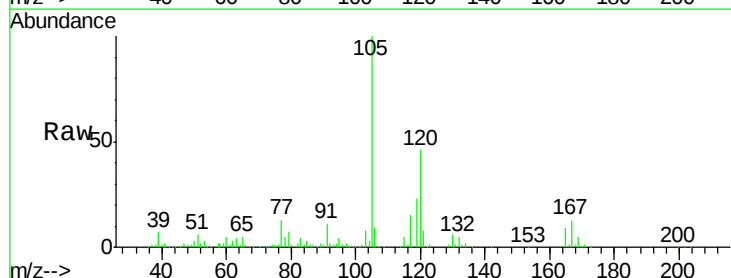
Manual Integrations
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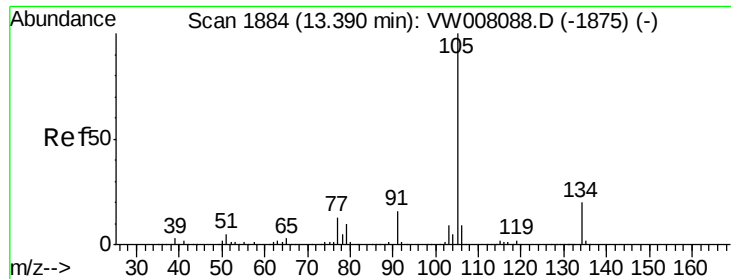
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#84
 1,2,4-Trimethylbenzene
 Concen: 19.818 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. -0.00 min
 Lab File: VW008265.D
 Acq: 15 Jan 2019 01:24

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.1	22.7	68.1





#85

sec-Butylbenzene

Concen: 19.515 ug/l

RT: 13.39 min Scan# 1884

Delta R.T. -0.00 min

Lab File: VW008265.D

Acq: 15 Jan 2019 01:24

Instrument :

MSVOA_W

ClientSampleId :

VW0114SBS02

Tot Ion:105 Resp: 108193

Ion Ratio Lower Upper

105 100

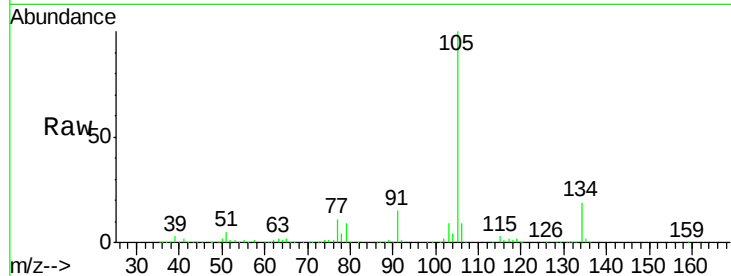
134 20.4 10.1 30.1

Manual Integrations

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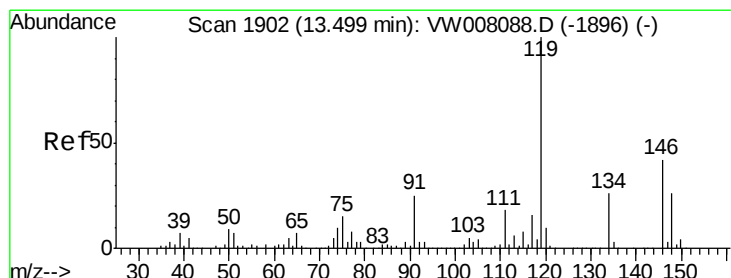
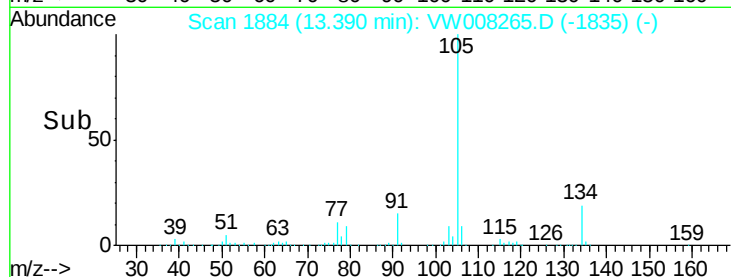
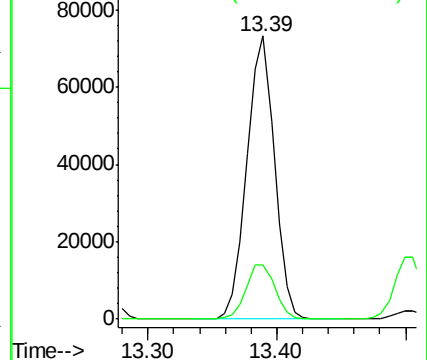
apatel

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 19.578 ug/l

RT: 13.51 min Scan# 1903

Delta R.T. 0.01 min

Lab File: VW008265.D

Acq: 15 Jan 2019 01:24

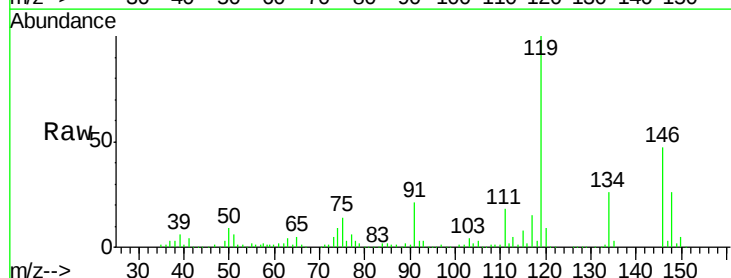
Tgt Ion:119 Resp: 93730

Ion Ratio Lower Upper

119 100

134 26.6 13.3 39.8

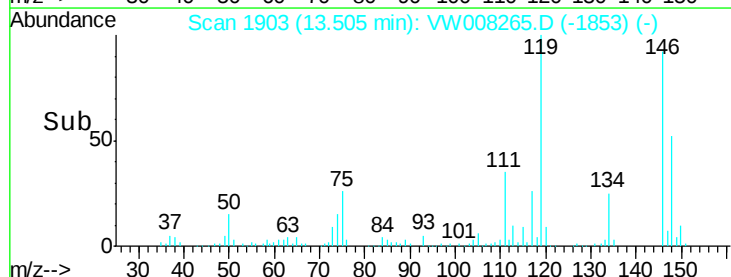
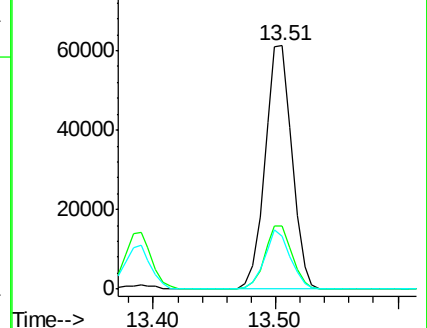
91 23.4 12.3 36.9

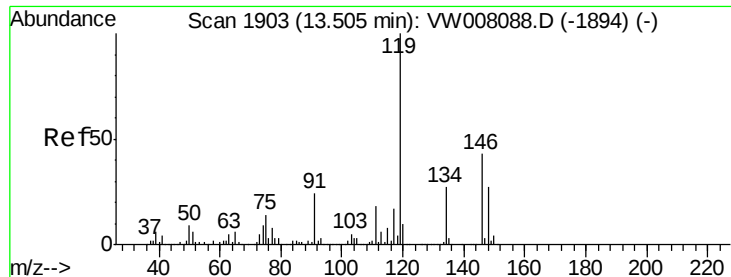


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





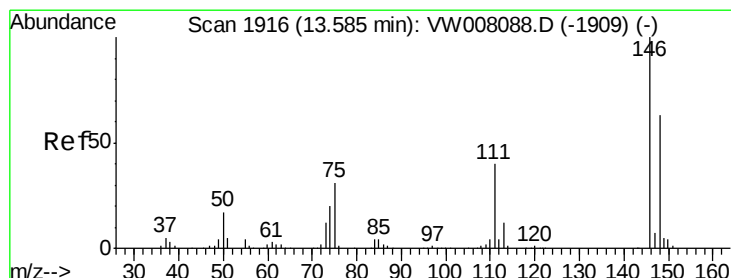
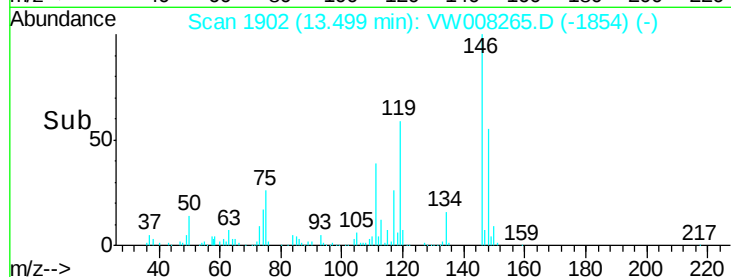
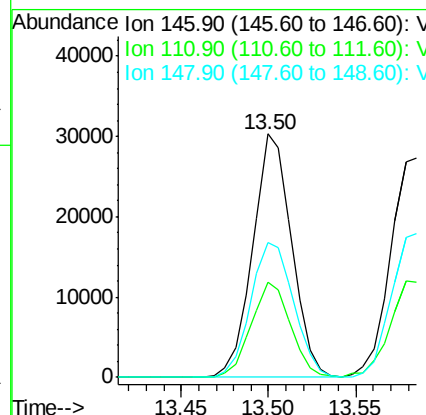
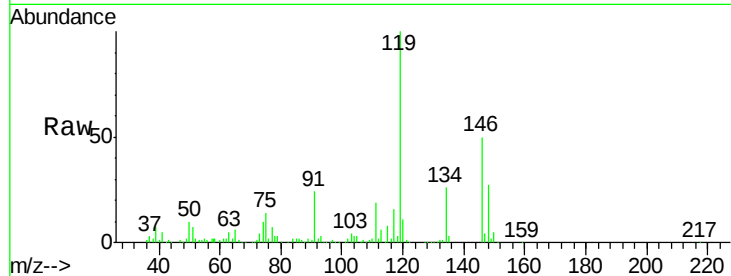
#87
 1,3-Dichlorobenzene
 Concen: 21.048 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.01 min
 Lab File: VW008265.D
 Acq: 15 Jan 2019 01:24

Instrument :
 MSVOA_W
 ClientSampled :
 VW0114SBS02

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.7	21.1	63.1
148	61.0	31.3	93.9

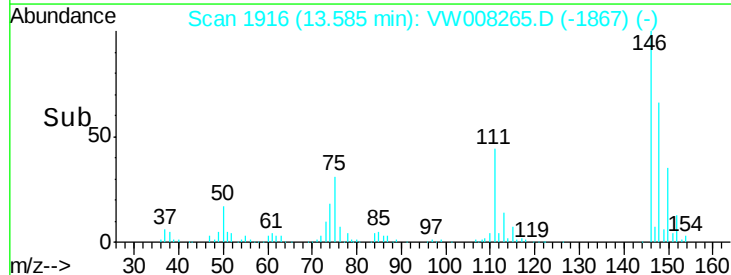
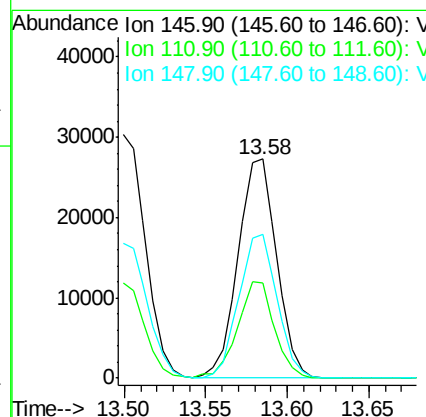
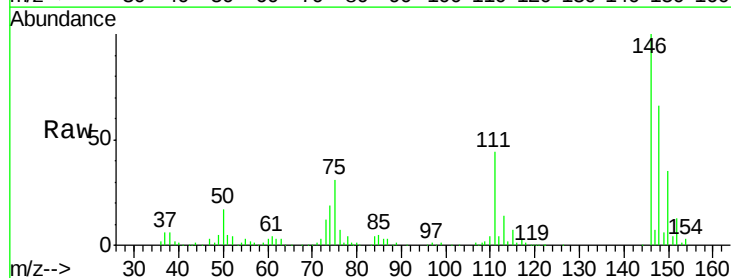
Manual Integrations
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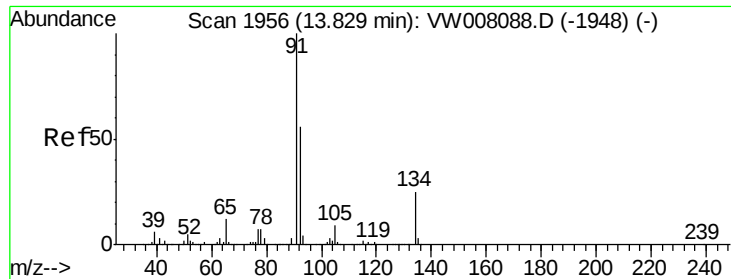
apatel
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#88
 1,4-Dichlorobenzene
 Concen: 20.143 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. -0.00 min
 Lab File: VW008265.D
 Acq: 15 Jan 2019 01:24

Tgt Ion	Ratio	Lower	Upper
146	100		
111	42.0	20.5	61.5
148	65.1	31.6	94.8





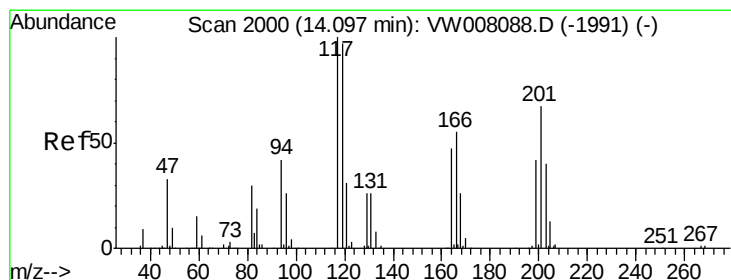
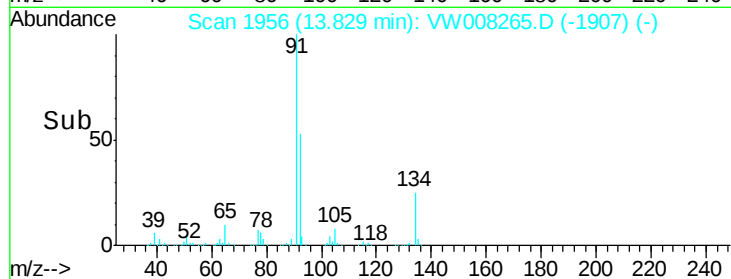
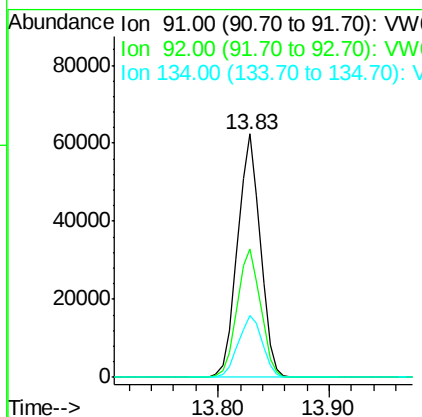
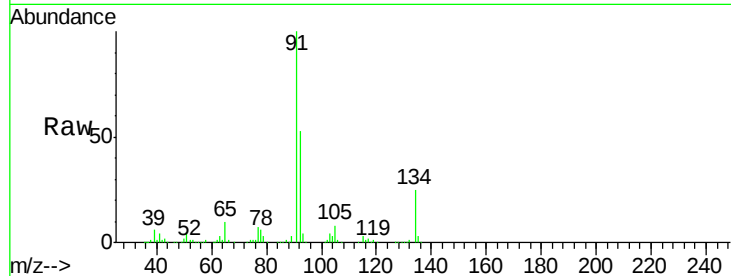
#89
n-Butylbenzene
Concen: 18.928 ug/l
RT: 13.83 min Scan# 1956
Delta R.T. -0.00 min
Lab File: VW008265.D
Acq: 15 Jan 2019 01:24

Instrument :
MSVOA_W
ClientSampleId :
VW0114SBS02

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.3	27.4	82.2
134	26.6	12.6	37.8

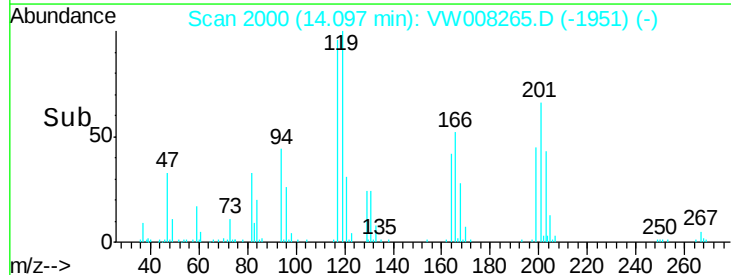
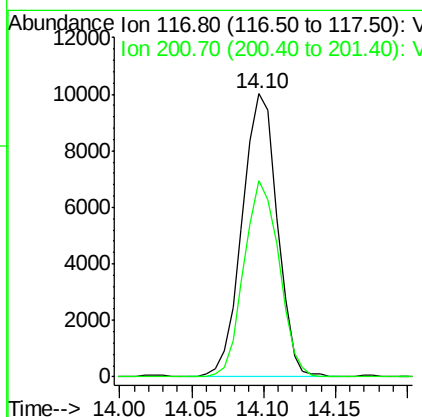
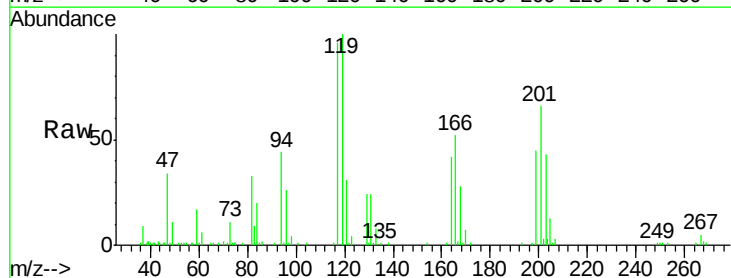
Manual Integrations
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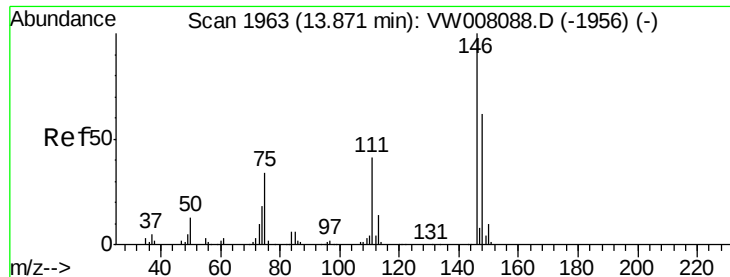
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#90
Hexachloroethane
Concen: 20.961 ug/l
RT: 14.10 min Scan# 2000
Delta R.T. -0.00 min
Lab File: VW008265.D
Acq: 15 Jan 2019 01:24

Tgt Ion	Ratio	Lower	Upper
117	100		
201	69.3	33.0	98.9





#91

1,2-Dichlorobenzene

Concen: 21.632 ug/l

RT: 13.87 min Scan# 1963

Delta R.T. -0.00 min

Lab File: VW008265.D

Acq: 15 Jan 2019 01:24

Instrument :

MSVOA_W

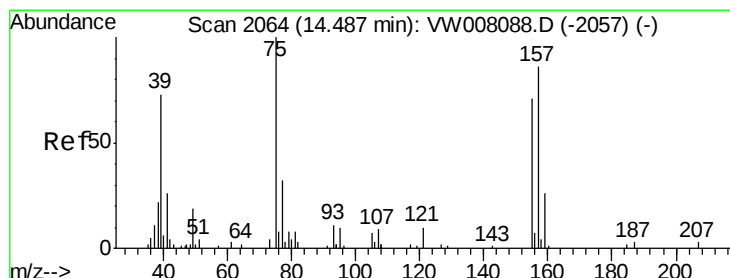
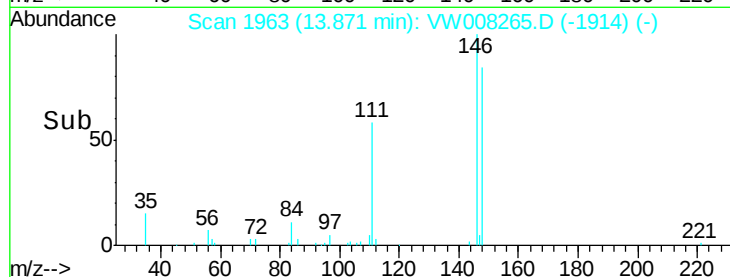
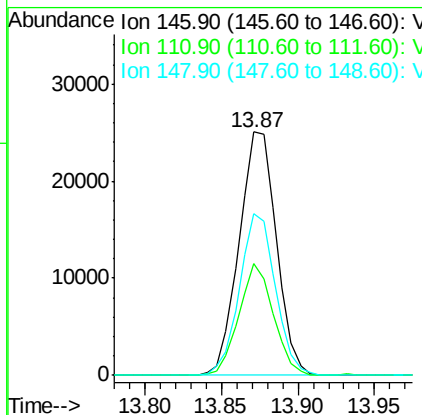
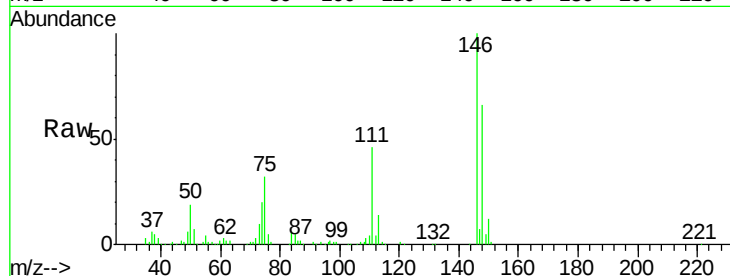
ClientSampleId :

VW0114SBS02

Tot Ion:	146	Resp:	42420
Ion	Ratio	Lower	Upper
146	100		
111	42.5	21.3	63.7
148	64.2	31.5	94.5

Manual Integrations
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#92

1,2-Dibromo-3-Chloropropane

Concen: 23.512 ug/l

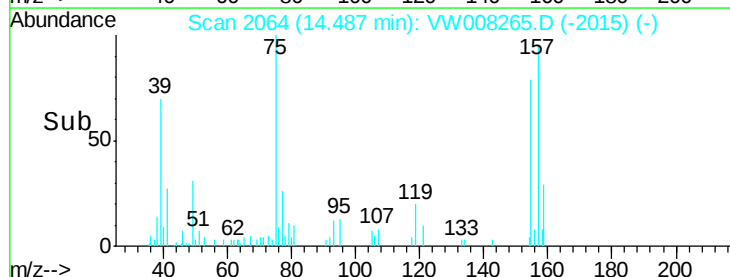
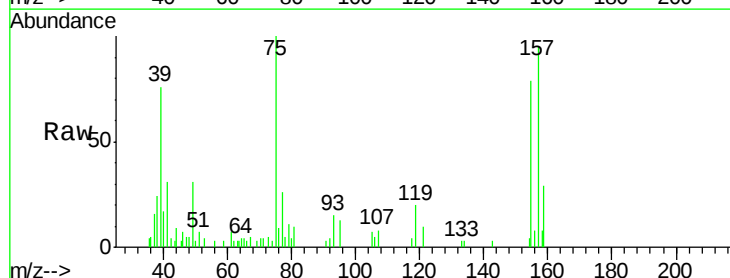
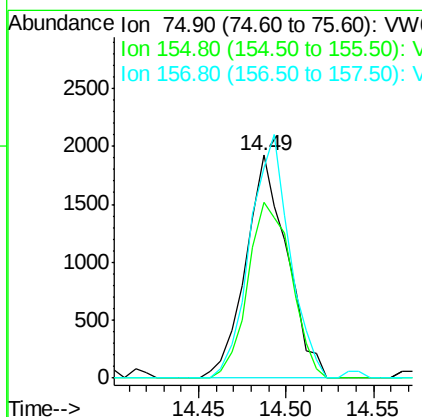
RT: 14.49 min Scan# 2064

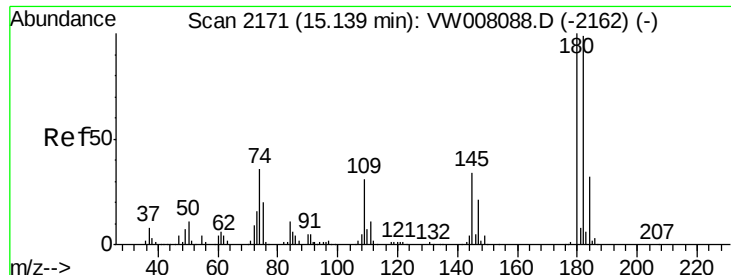
Delta R.T. -0.00 min

Lab File: VW008265.D

Acq: 15 Jan 2019 01:24

Tgt Ion:	75	Resp:	3153
Ion	Ratio	Lower	Upper
75	100		
155	82.7	38.6	115.7
157	105.3	47.5	142.6





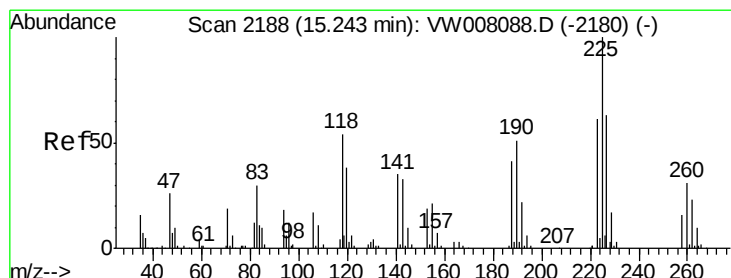
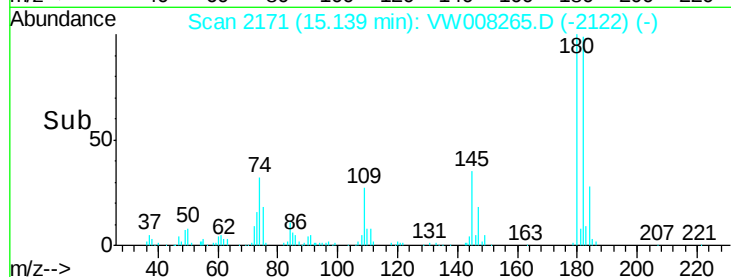
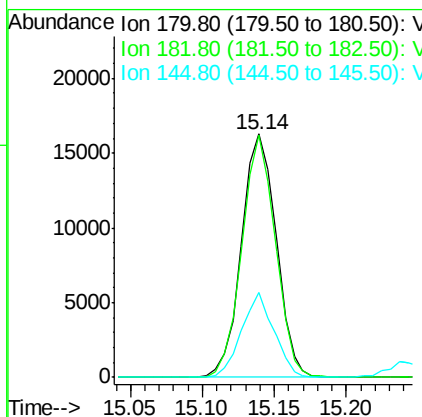
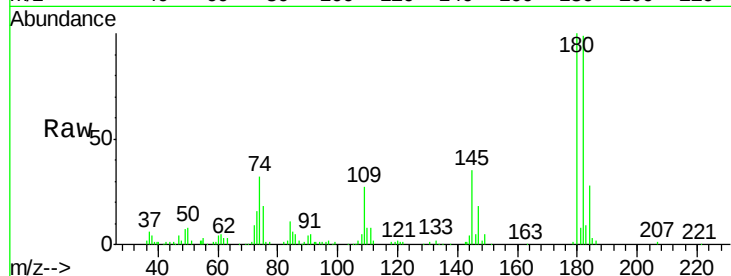
#93
 1,2,4-Trichlorobenzene
 Concen: 20.917 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. -0.00 min
 Lab File: VW008265.D
 Acq: 15 Jan 2019 01:24

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0114SBS02

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.7	48.6	145.9
145	32.3	16.6	49.7

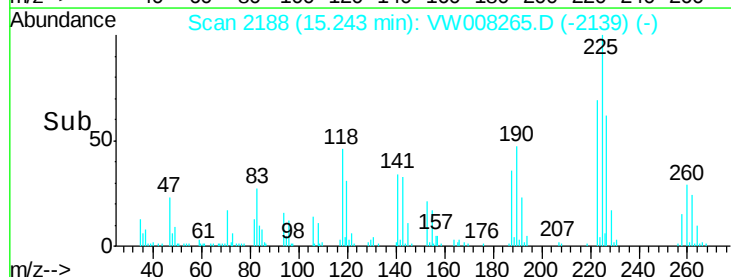
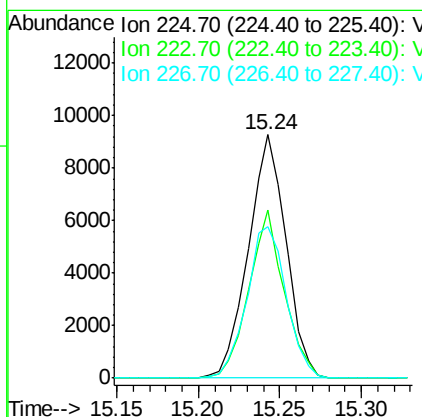
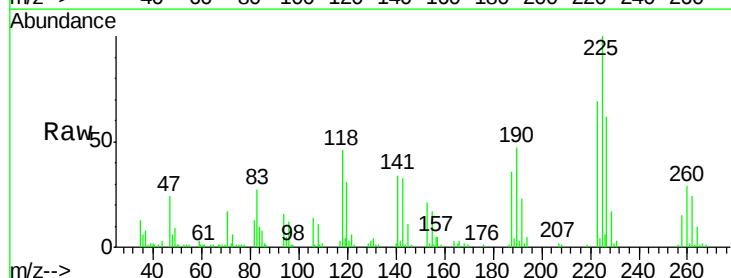
Manual Integrations
 APPROVED

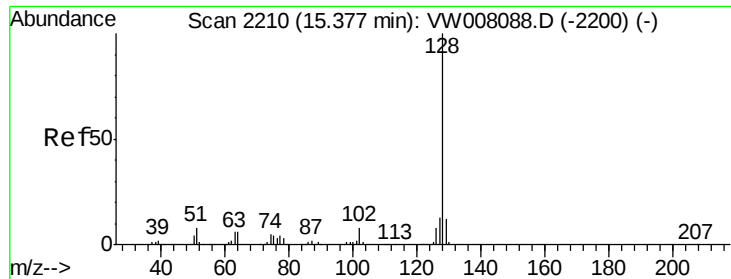
apatel
 1/15/2019 2:08:58 PM



#94
 Hexachlorobutadiene
 Concen: 21.341 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. -0.00 min
 Lab File: VW008265.D
 Acq: 15 Jan 2019 01:24

Tgt Ion	Ratio	Lower	Upper
225	100		
223	65.1	31.4	94.3
227	65.2	32.0	96.2





#95

Naphthalene

Concen: 21.197 ug/l

RT: 15.37 min Scan# 2209

Delta R.T. -0.01 min

Lab File: VW008265.D

Acq: 15 Jan 2019 01:24

Instrument :

MSVOA_W

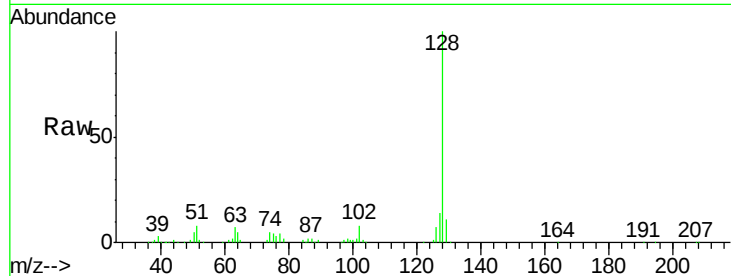
ClientSampleId :

VW0114SBS02

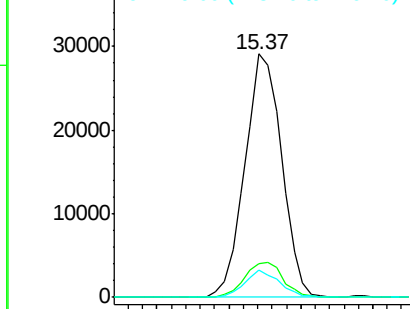
Tot Ion:	128	Resp:	51530
Ion Ratio	Lower	Upper	
128	100		
127	15.1	11.0	16.4
129	10.7	9.0	13.6

Manual Integrations
APPROVED

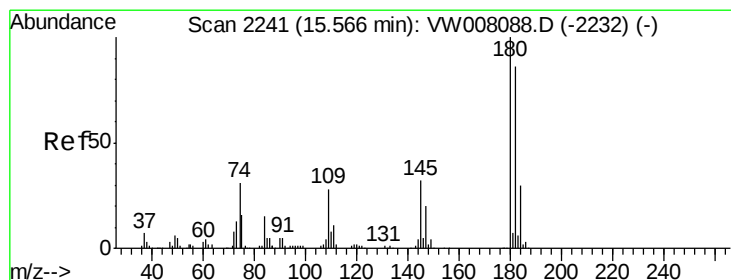
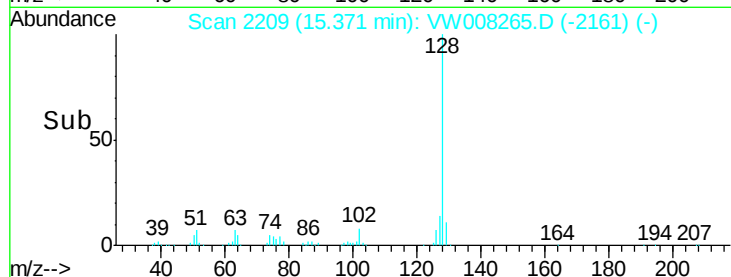
apatel
1/15/2019 2:08:58 PM



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



Time-->



#96

1,2,3-Trichlorobenzene

Concen: 21.857 ug/l

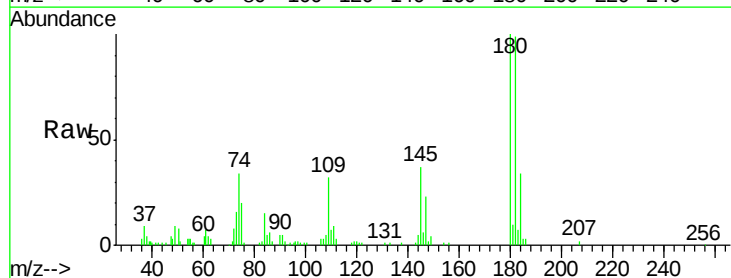
RT: 15.56 min Scan# 2240

Delta R.T. -0.01 min

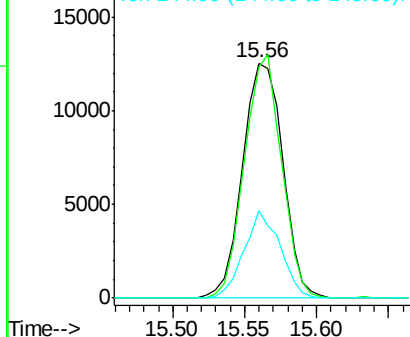
Lab File: VW008265.D

Acq: 15 Jan 2019 01:24

Tgt Ion:	180	Resp:	24259
Ion Ratio	Lower	Upper	
180	100		
182	95.0	46.5	139.3
145	33.1	17.4	52.2



Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.90 (144.60 to 145.60): V



Time-->

