

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW011419\
 Data File : VW008240.D
 Acq On : 14 Jan 2019 12:12
 Operator : SY/VA
 Sample : VW0114SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0114SBS01

Manual Integrations
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 1/15/2019 2:08:38 PM

Quant Time: Jan 14 21:26:39 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	104032	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	168114	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	153609	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	77868	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	48710	41.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	83.32%	
35) Dibromofluoromethane	7.88	113	49647	50.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.26%	
50) Toluene-d8	10.32	98	203464	49.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.90%	
62) 4-Bromofluorobenzene	12.62	95	70186	47.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.16%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	15231	17.939	ug/l	98
3) Chloromethane	2.21	50	18814	17.080	ug/l	94
4) Vinyl Chloride	2.36	62	27413	19.068	ug/l	94
5) Bromomethane	2.78	94	20877	19.386	ug/l	86
6) Chloroethane	2.93	64	18129	16.758	ug/l	97
7) Trichlorofluoromethane	3.25	101	21358	18.274	ug/l	95
8) Diethyl Ether	3.68	74	11432	17.302	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.06	101	22776	19.628	ug/l	96
10) Methyl Iodide	4.26	142	32544	19.243	ug/l	99
11) Tert butyl alcohol	5.23	59	6103m	65.088	ug/l	
12) 1,1-Dichloroethene	4.03	96	21766	19.105	ug/l	91
13) Acrolein	3.90	56	4666	58.797	ug/l	97
14) Allyl chloride	4.66	41	37324	18.044	ug/l	95
15) Acrylonitrile	5.37	53	22327	88.758	ug/l	99
16) Acetone	4.14	43	23722	100.198	ug/l	96
17) Carbon Disulfide	4.37	76	65602	18.433	ug/l	100
18) Methyl Acetate	4.68	43	11632	15.740	ug/l	96
19) Methyl tert-butyl Ether	5.43	73	30574	16.508	ug/l	94
20) Methylene Chloride	4.90	84	25552	19.238	ug/l	87
21) trans-1,2-Dichloroethene	5.42	96	24240	19.579	ug/l	89
22) Diisopropyl ether	6.31	45	71622	18.156	ug/l #	96
23) Vinyl Acetate	6.26	43	180079	86.917	ug/l	98
24) 1,1-Dichloroethane	6.21	63	43486	18.919	ug/l	96
25) 2-Butanone	7.17	43	29330	90.158	ug/l	100
26) 2,2-Dichloropropane	7.17	77	29537	18.965	ug/l	97
27) cis-1,2-Dichloroethene	7.17	96	25444	18.837	ug/l	97
28) Bromochloromethane	7.51	49	15712	17.282	ug/l	94
29) Tetrahydrofuran	7.53	42	17419	80.158	ug/l	94
30) Chloroform	7.67	83	42355	19.359	ug/l	99
31) Cyclohexane	7.95	56	42945	17.453	ug/l	89
32) 1,1,1-Trichloroethane	7.87	97	37253	19.569	ug/l	98
36) 1,1-Dichloropropene	8.08	75	36049	20.817	ug/l	99
37) Ethyl Acetate	7.26	43	11594	16.711	ug/l	95
38) Carbon Tetrachloride	8.06	117	34520	21.779	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	42921	19.547	ug/l	96
40) Benzene	8.32	78	97554	20.769	ug/l	100
41) Methacrylonitrile	7.49	41	7970	18.185	ug/l	95
42) 1,2-Dichloroethane	8.40	62	26017	19.694	ug/l	97
43) Isopropyl Acetate	8.43	43	24375	17.572	ug/l	97
44) Trichloroethene	9.09	130	26805	22.294	ug/l	87
45) 1,2-Dichloropropane	9.37	63	24378	20.932	ug/l	92
46) Dibromomethane	9.46	93	11687	20.433	ug/l	96
47) Bromodichloromethane	9.64	83	31181	21.470	ug/l	100
48) Methyl methacrylate	9.44	41	12010	18.349	ug/l	95
49) 1,4-Dioxane	9.47	88	3414	371.157	ug/l #	99
51) 4-Methyl-2-Pentanone	10.21	43	60105	89.514	ug/l	99
52) Toluene	10.39	92	62555	20.854	ug/l	96
53) t-1,3-Dichloropropene	10.60	75	29525	19.544	ug/l	96
54) cis-1,3-Dichloropropene	10.07	75	35187	19.642	ug/l	95
55) 1,1,2-Trichloroethane	10.79	97	16160	20.124	ug/l	98
56) Ethyl methacrylate	10.65	69	18756	18.860	ug/l	96
57) 1,3-Dichloropropane	10.93	76	29670	20.202	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.93	63	46379	90.283	ug/l	99
59) 2-Hexanone	10.97	43	42602	93.822	ug/l	100
60) Dibromochloromethane	11.13	129	19611	22.239	ug/l	98
61) 1,2-Dibromoethane	11.24	107	15525	20.375	ug/l	100
64) Tetrachloroethene	10.86	164	21828	21.835	ug/l	96
65) Chlorobenzene	11.66	112	67399	20.711	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	22754	21.497	ug/l	98
67) Ethyl Benzene	11.73	91	118557	19.910	ug/l	94
68) m/p-Xylenes	11.84	106	93228	41.020	ug/l	98
69) o-Xylene	12.17	106	42696	20.286	ug/l	96
70) Styrene	12.18	104	69646	21.127	ug/l	98
71) Bromoform	12.35	173	10810	22.819	ug/l #	95
73) Isopropylbenzene	12.47	105	119718	19.583	ug/l	100
74) N-amyl acetate	12.27	43	21678	16.012	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.72	83	18530	18.937	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	15868m	22.354	ug/l	
77) Bromobenzene	12.75	156	26354	20.402	ug/l	90
78) n-propylbenzene	12.80	91	146255	19.525	ug/l	97
79) 2-Chlorotoluene	12.90	91	81667	19.542	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	99745	19.855	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	5480	17.977	ug/l	97
82) 4-Chlorotoluene	12.99	91	85455	19.415	ug/l	97
83) tert-Butylbenzene	13.21	119	88304	19.868	ug/l	97
84) 1,2,4-Trimethylbenzene	13.26	105	102144	19.714	ug/l	98
85) sec-Butylbenzene	13.39	105	129536	19.897	ug/l	99
86) p-Isopropyltoluene	13.50	119	111528	19.838	ug/l	98
87) 1,3-Dichlorobenzene	13.50	146	55935	21.346	ug/l	98
88) 1,4-Dichlorobenzene	13.58	146	54012	20.545	ug/l	99
89) n-Butylbenzene	13.83	91	108960	19.788	ug/l	98
90) Hexachloroethane	14.10	117	19968	21.028	ug/l	93
91) 1,2-Dichlorobenzene	13.87	146	47832	20.771	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	2981	18.930	ug/l	97

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VW0114SBS01

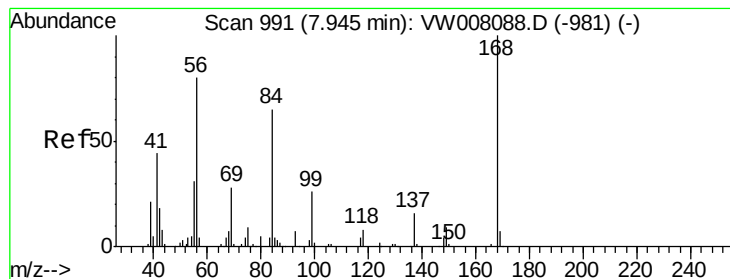
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	31305	20.475	ug/l	98
94) Hexachlorobutadiene	15.24	225	18853	23.038	ug/l	99
95) Naphthalene	15.38	128	50500	17.689	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	26991	20.709	ug/l	96

(#) = 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: VW008240.D

Acq: 14 Jan 2019 12:12

Instrument :

MSVOA_W

ClientSampleId :

VW0114SBS01

Tot Ion:168 Resp: 104032

Ion Ratio Lower Upper

168 100

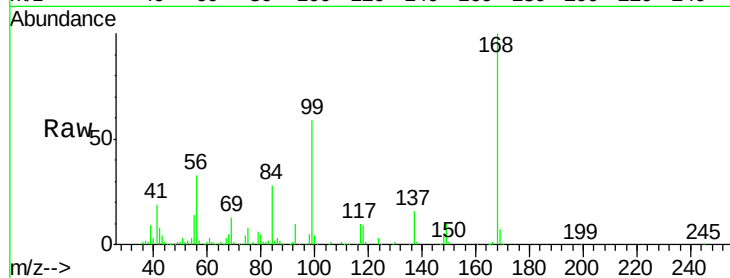
99 59.2 52.6 78.8

Manual Integrations

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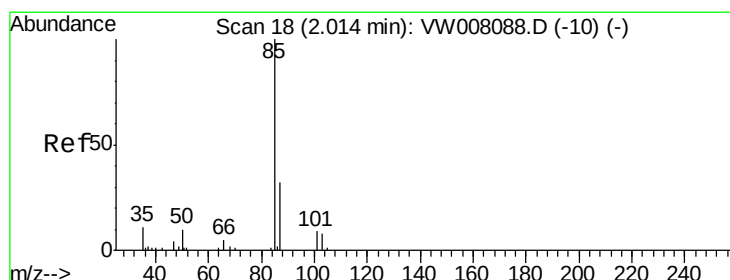
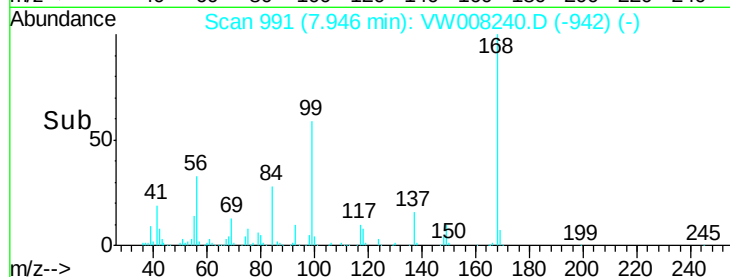
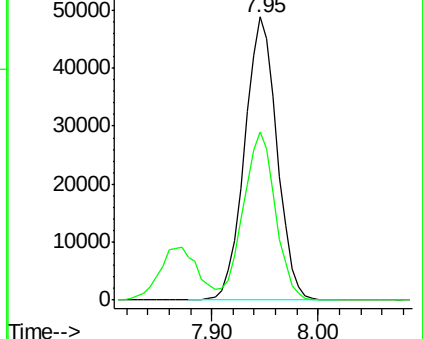
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: 17.939 ug/l

RT: 2.01 min Scan# 17

Delta R.T. -0.01 min

Lab File: VW008240.D

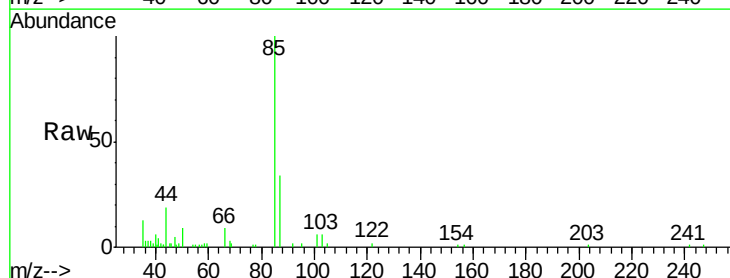
Acq: 14 Jan 2019 12:12

Tgt Ion: 85 Resp: 15231

Ion Ratio Lower Upper

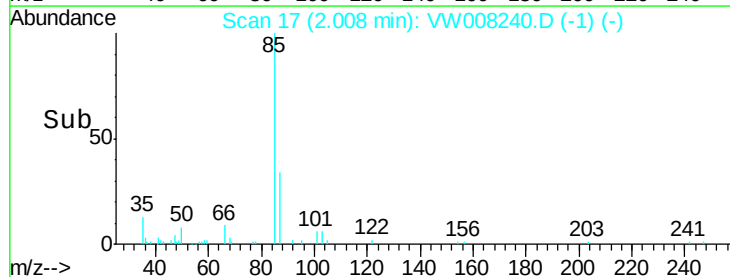
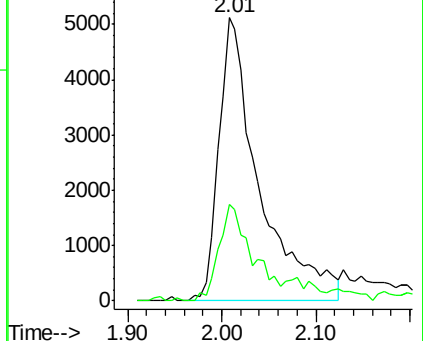
85 100

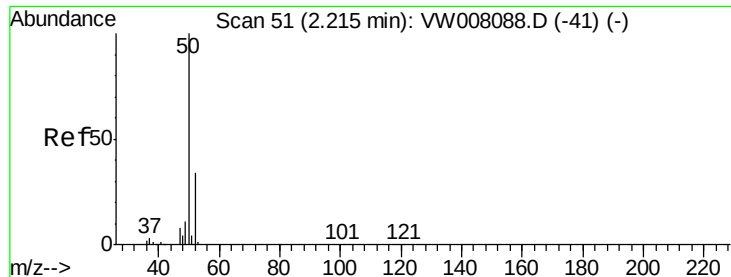
87 33.2 16.1 48.3



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#3

Chloromethane

Concen: 17.080 ug/l

RT: 2.21 min Scan# 51

Delta R.T. 0.00 min

Lab File: VW008240.D

Acq: 14 Jan 2019 12:12

Instrument :

MSVOA_W

ClientSampleId :

VW0114SBS01

Tot Ion: 50 Resp: 18814

Ion Ratio Lower Upper

50 100

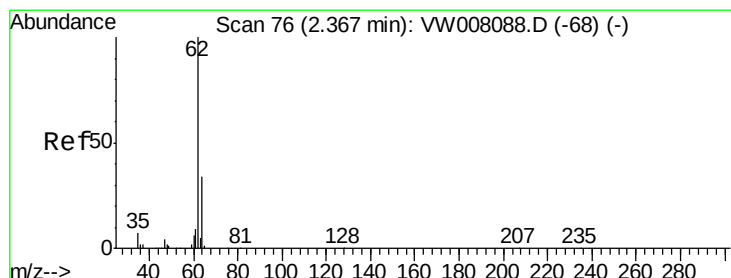
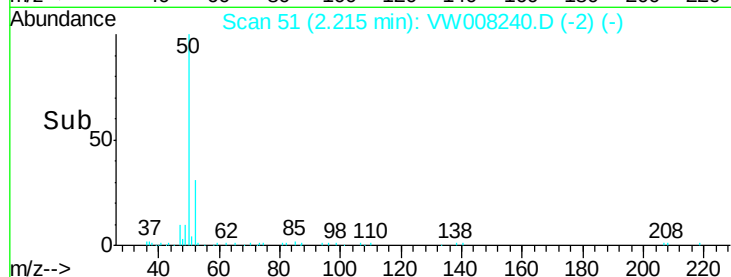
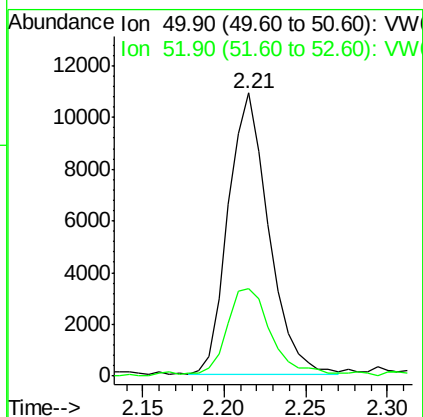
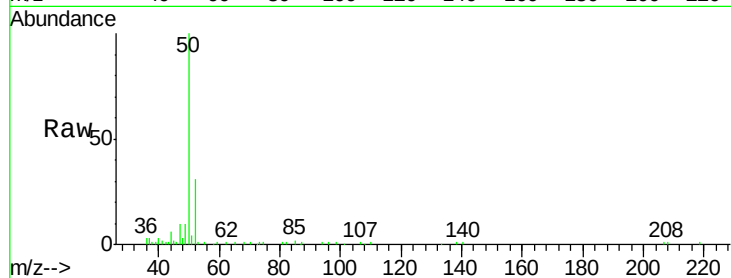
52 30.1 26.8 40.2

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#4

Vinyl Chloride

Concen: 19.068 ug/l

RT: 2.36 min Scan# 75

Delta R.T. -0.01 min

Lab File: VW008240.D

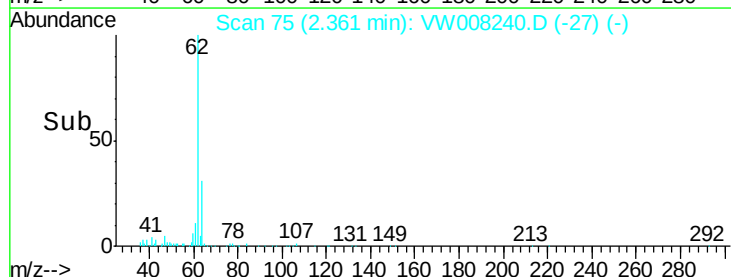
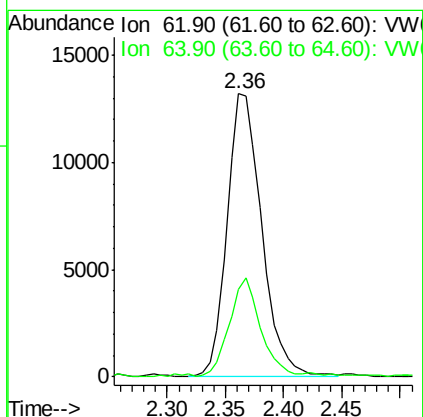
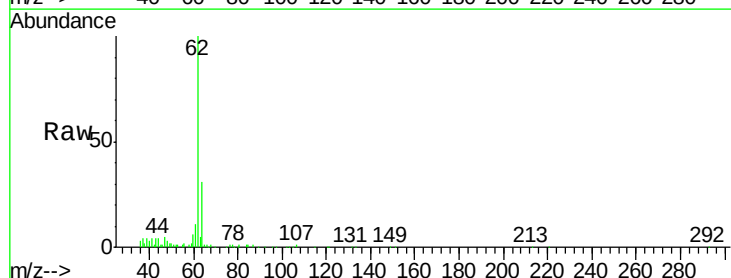
Acq: 14 Jan 2019 12:12

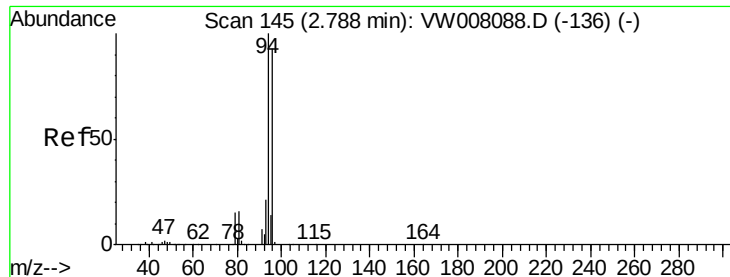
Tgt Ion: 62 Resp: 27413

Ion Ratio Lower Upper

62 100

64 30.4 27.0 40.6





#5

Bromomethane

Concen: 19.386 ug/l

RT: 2.78 min Scan# 144

Delta R.T. -0.01 min

Lab File: VW008240.D

Acq: 14 Jan 2019 12:12

Instrument :

MSVOA_W

ClientSampleId :

VW0114SBS01

Tot Ion: 94 Resp: 20877

Ion Ratio Lower Upper

94 100

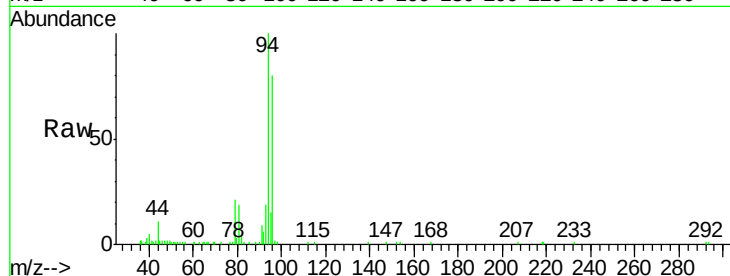
96 79.5 74.1 111.1

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Abundance Ion 93.90 (93.60 to 94.60): VW

Ion 95.90 (95.60 to 96.60): VW

2.78

10000

8000

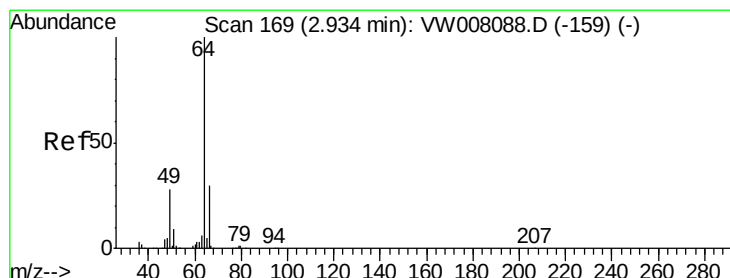
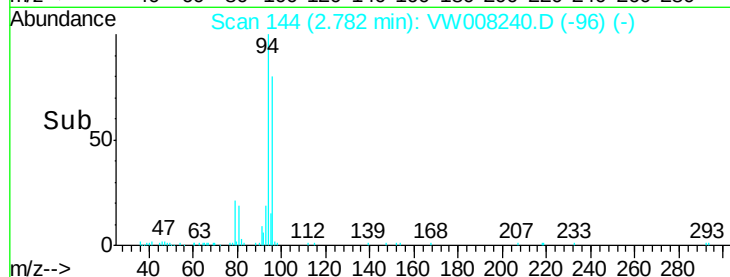
6000

4000

2000

0

Time-->



#6

Chloroethane

Concen: 16.758 ug/l

RT: 2.93 min Scan# 168

Delta R.T. -0.01 min

Lab File: VW008240.D

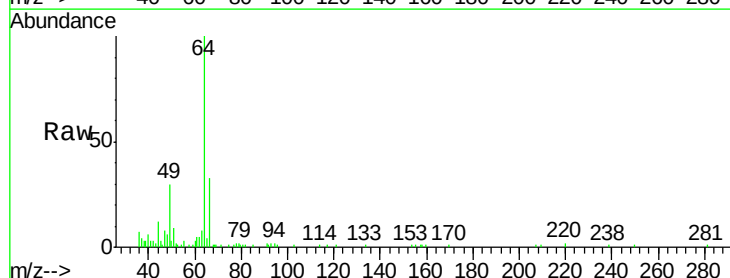
Acq: 14 Jan 2019 12:12

Tgt Ion: 64 Resp: 18129

Ion Ratio Lower Upper

64 100

66 31.8 24.2 36.2



Abundance Ion 63.90 (63.60 to 64.60): VW

Ion 65.90 (65.60 to 66.60): VW

2.93

8000

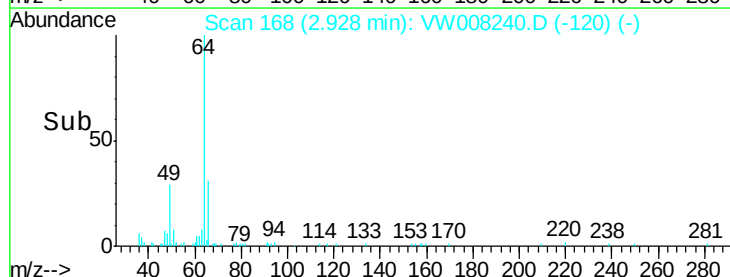
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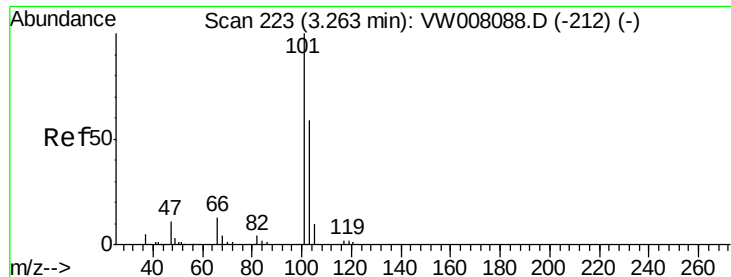
4000

2000

0

Time-->





#7

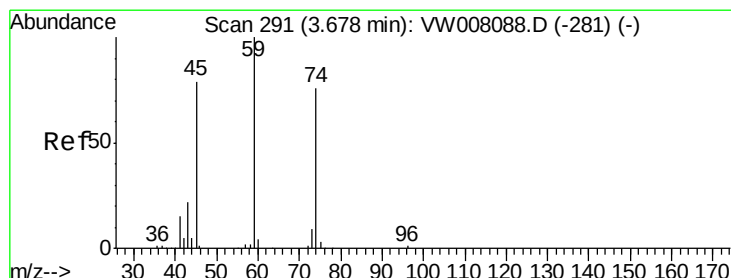
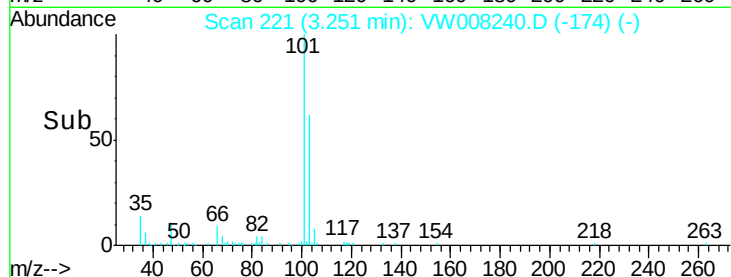
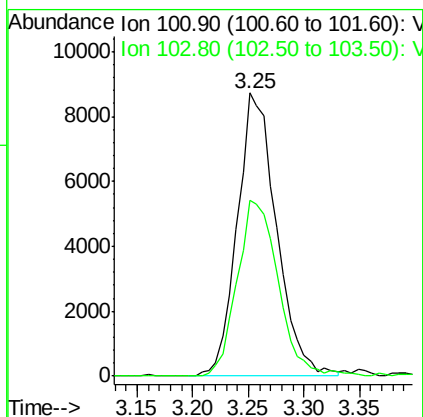
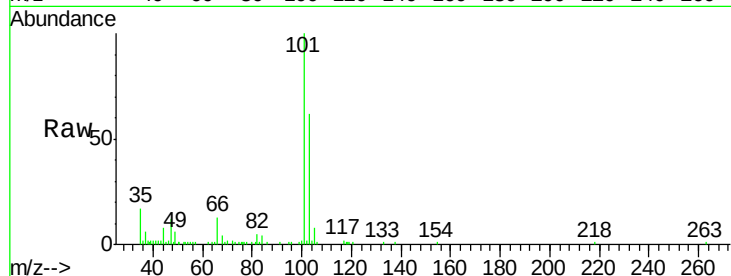
Trichlorofluoromethane
 Concen: 18.274 ug/l
 RT: 3.25 min Scan# 221
 Delta R.T. -0.01 min
 Lab File: VW008240.D
 Acq: 14 Jan 2019 12:12

Instrument :
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 ClientSampleId :
 VW0114SBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	62.3	47.0	70.6

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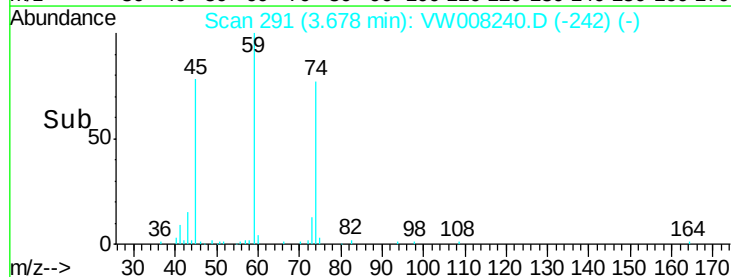
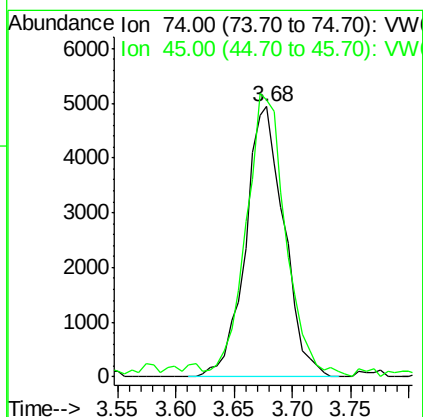
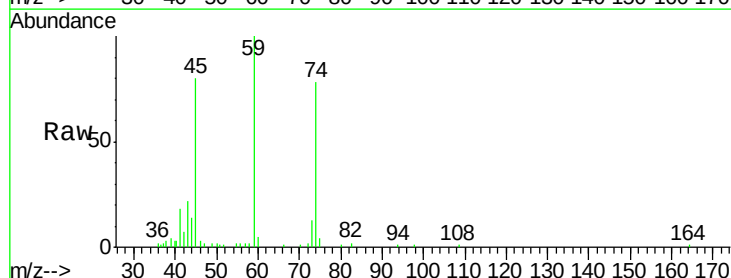
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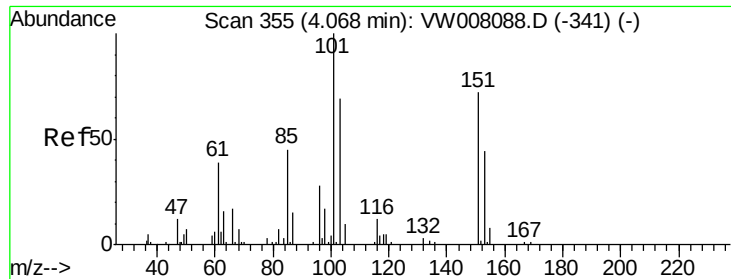


#8

Diethyl Ether
 Concen: 17.302 ug/l
 RT: 3.68 min Scan# 291
 Delta R.T. 0.00 min
 Lab File: VW008240.D
 Acq: 14 Jan 2019 12:12

Tgt Ion	Ratio	Lower	Upper
74	100		
45	108.2	52.4	157.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.628 ug/l

RT: 4.06 min Scan# 353

Delta R.T. -0.01 min

Lab File: VW008240.D

Acq: 14 Jan 2019 12:12

Instrument :

MSVOA_W

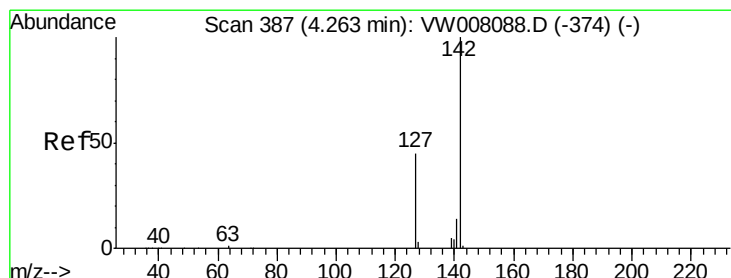
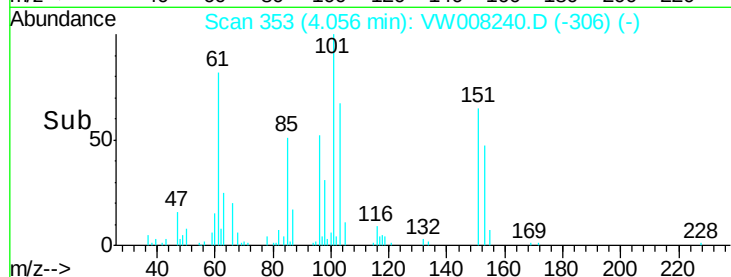
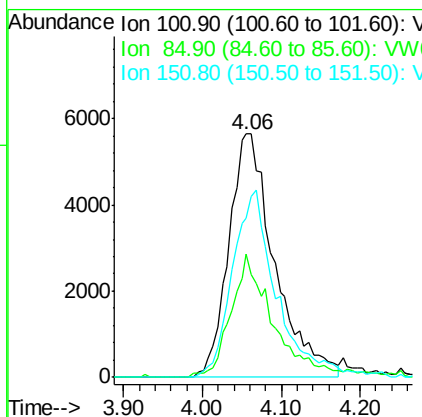
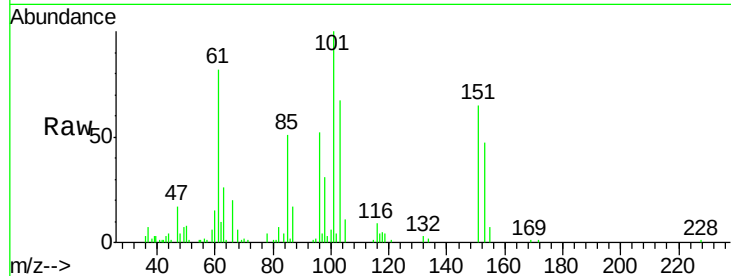
ClientSampleId :

VW0114SBS01

Tot Ion:	101	Resp:	22776
Ion Ratio	Lower	Upper	
101	100		
85	46.3	35.9	53.9
151	74.0	55.8	83.8

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#10

Methyl Iodide

Concen: 19.243 ug/l

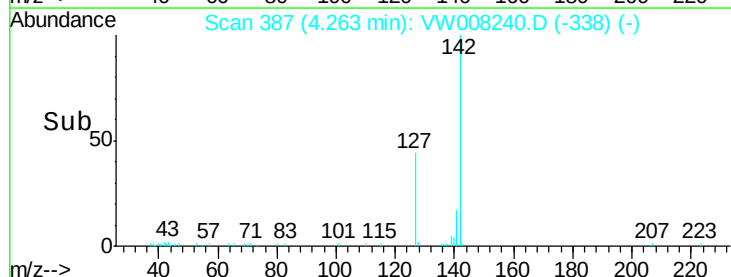
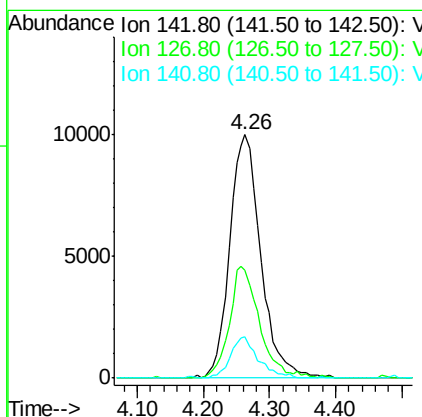
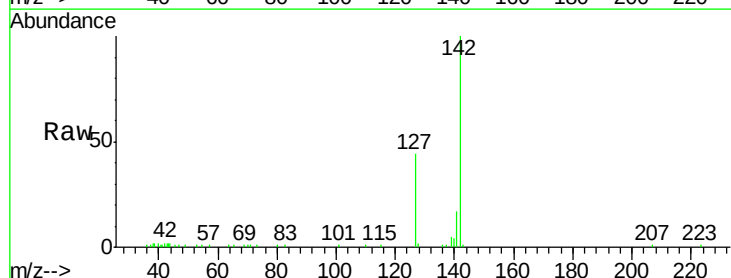
RT: 4.26 min Scan# 387

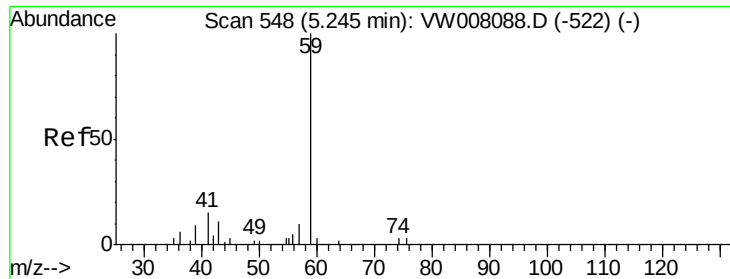
Delta R.T. 0.00 min

Lab File: VW008240.D

Acq: 14 Jan 2019 12:12

Tgt Ion:	142	Resp:	32544
Ion Ratio	Lower	Upper	
142	100		
127	44.4	35.0	52.4
141	15.2	11.8	17.6





#11

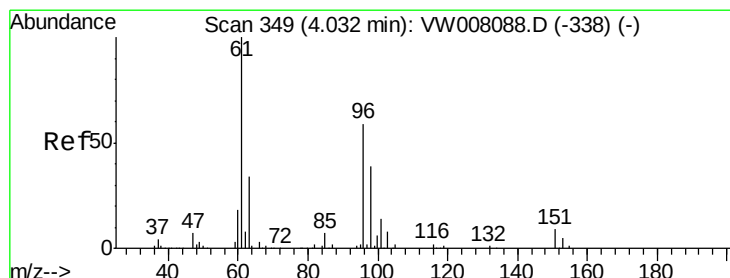
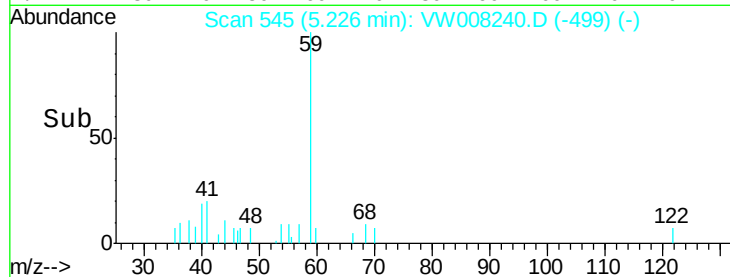
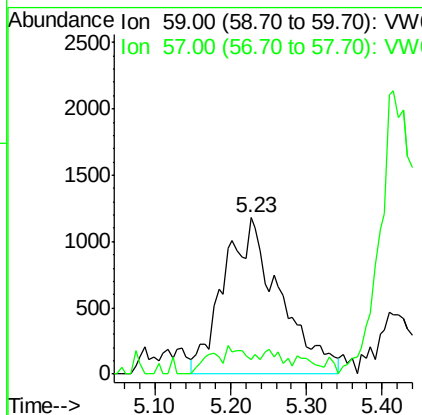
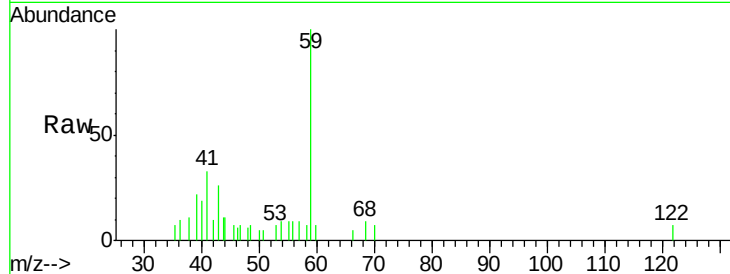
Tert butyl alcohol
 Concen: 65.088 ug/l m
 RT: 5.23 min Scan# 545
 Delta R.T. -0.02 min
 Lab File: VW008240.D
 Acq: 14 Jan 2019 12:12

Instrument :
 MSVOA_W
 ClientSampled :
 VW0114SBS01

Tot Ion	Ratio	Lower	Upper
59	100		
57	0.0	0.0	0.0

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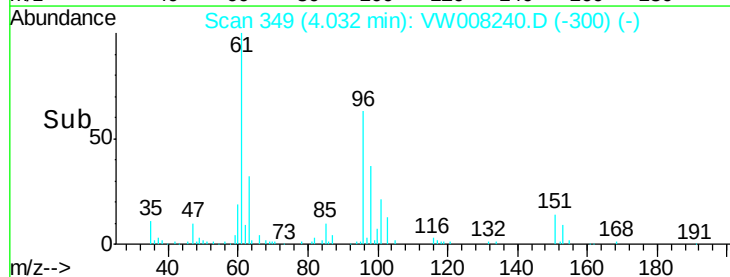
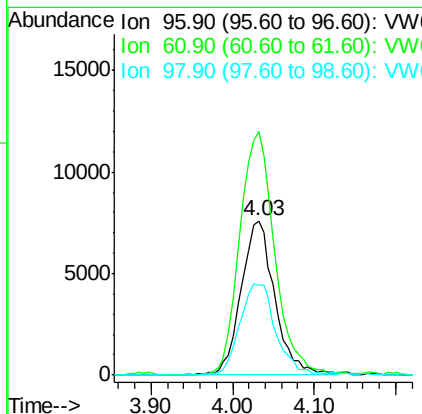
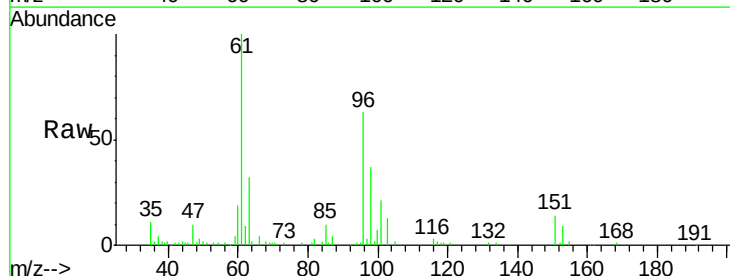
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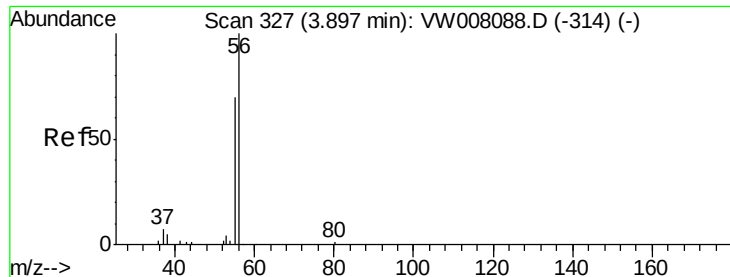


#12

1,1-Dichloroethene
 Concen: 19.105 ug/l
 RT: 4.03 min Scan# 349
 Delta R.T. 0.00 min
 Lab File: VW008240.D
 Acq: 14 Jan 2019 12:12

Tgt Ion	Ratio	Lower	Upper
96	100		
61	156.8	135.4	203.2
98	58.1	52.5	78.7





#13

Acrolein

Concen: 58.797 ug/l

RT: 3.90 min Scan# 327

Delta R.T. 0.00 min

Lab File: VW008240.D

Acq: 14 Jan 2019 12:12

Instrument :

MSVOA_W

ClientSampleId :

VW0114SBS01

Tot Ion: 56 Resp: 4666

Ion Ratio Lower Upper

56 100

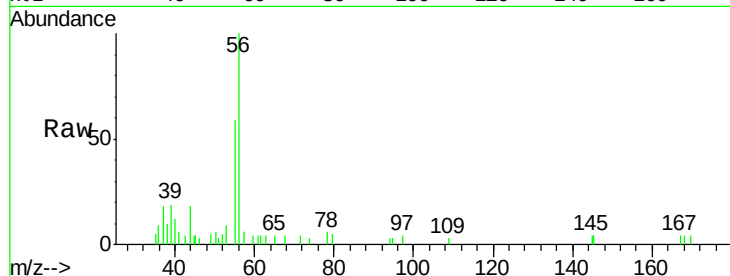
55 68.2 56.6 84.8

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Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 55.00 (54.70 to 55.70): VW

2000

1500

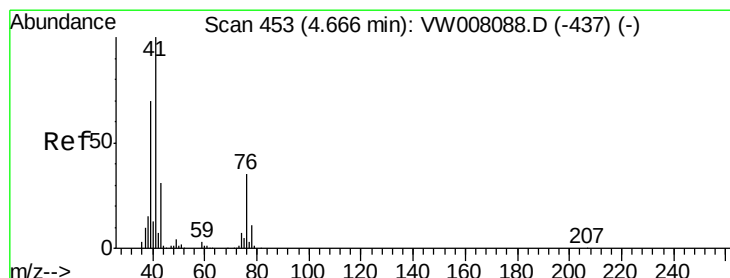
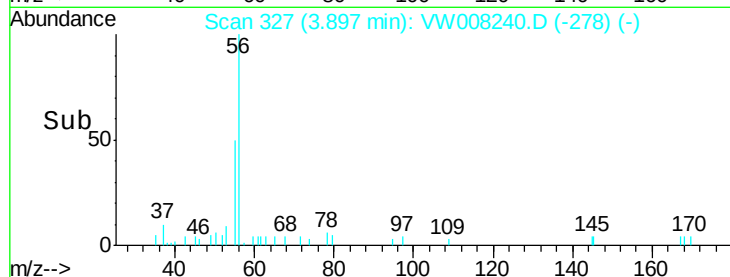
1000

500

0

3.80 3.90 4.00

Time-->



#14

Allyl chloride

Concen: 18.044 ug/l

RT: 4.66 min Scan# 452

Delta R.T. -0.01 min

Lab File: VW008240.D

Acq: 14 Jan 2019 12:12

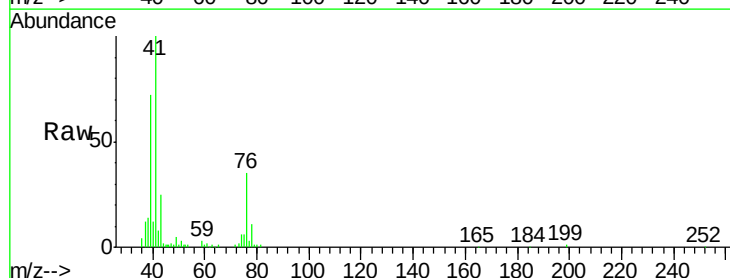
Tgt Ion: 41 Resp: 37324

Ion Ratio Lower Upper

41 100

39 71.7 53.8 80.8

76 36.6 27.6 41.4



Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

Ion 75.90 (75.60 to 76.60): VW

15000

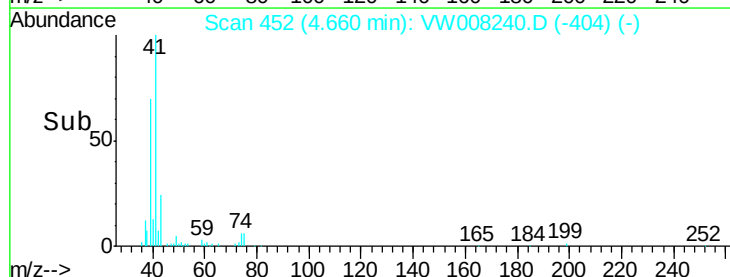
10000

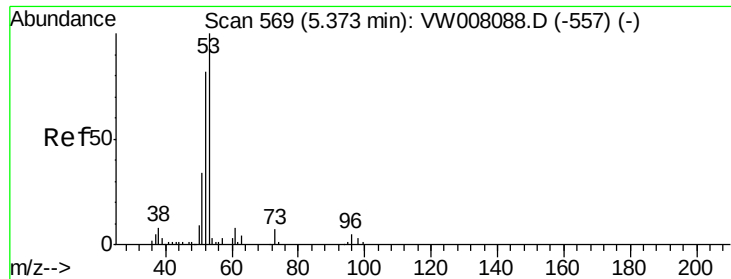
5000

0

4.50 4.60 4.70 4.80

Time-->





#15

Acrylonitrile

Concen: 88.758 ug/l

RT: 5.37 min Scan# 569

Delta R.T. 0.00 min

Lab File: VW008240.D

Acq: 14 Jan 2019 12:12

Instrument :

MSVOA_W

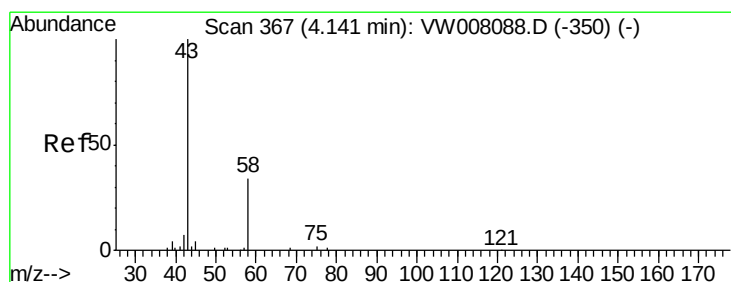
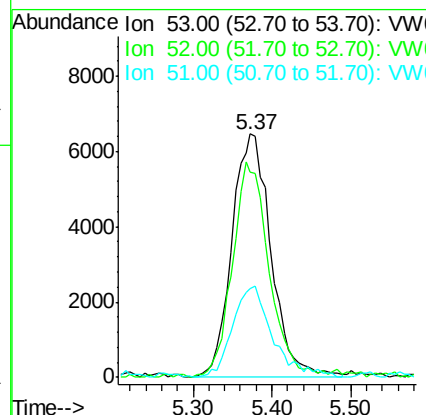
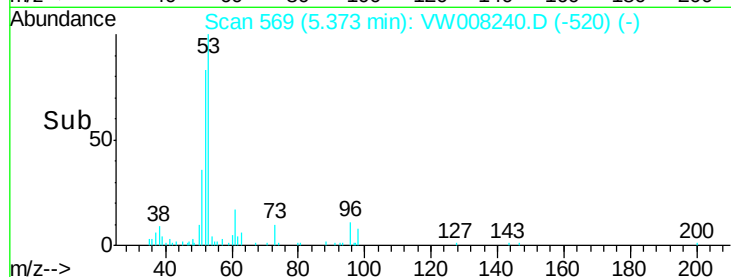
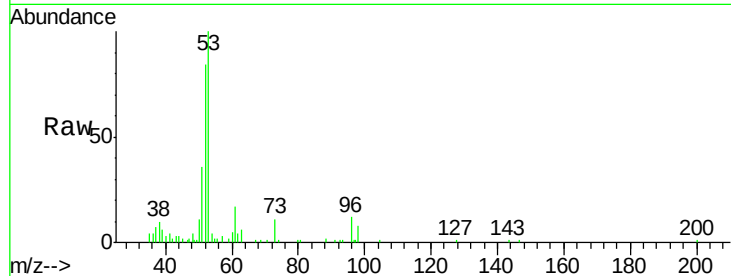
ClientSampleId :

VW0114SBS01

Tot Ion:	53	Resp:	22327
Ion	Ratio	Lower	Upper
53	100		
52	82.9	66.8	100.2
51	38.3	29.7	44.5

Manual Integrations
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#16

Acetone

Concen: 100.198 ug/l

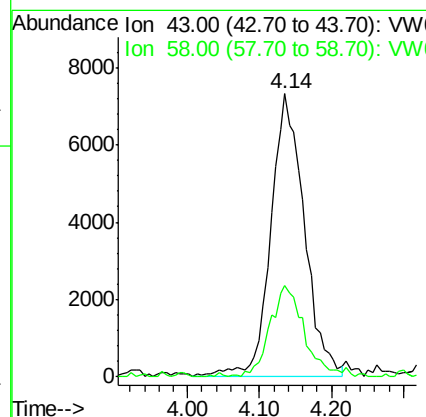
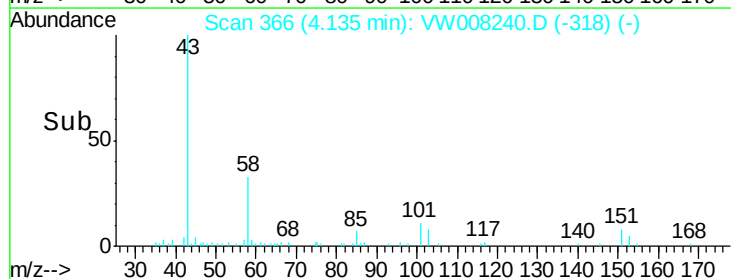
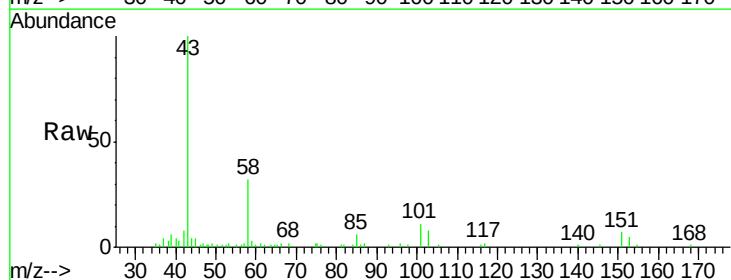
RT: 4.14 min Scan# 366

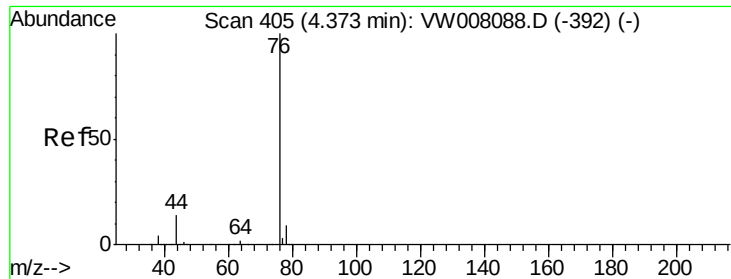
Delta R.T. -0.01 min

Lab File: VW008240.D

Acq: 14 Jan 2019 12:12

Tgt Ion:	43	Resp:	23722
Ion	Ratio	Lower	Upper
43	100		
58	32.4	27.5	41.3





#17

Carbon Disulfide

Concen: 18.433 ug/l

RT: 4.37 min Scan# 404

Delta R.T. -0.01 min

Lab File: VW008240.D

Acq: 14 Jan 2019 12:12

Instrument :

MSVOA_W

ClientSampleId :

VW0114SBS01

Tot Ion: 76 Resp: 65602

Ion Ratio Lower Upper

76 100

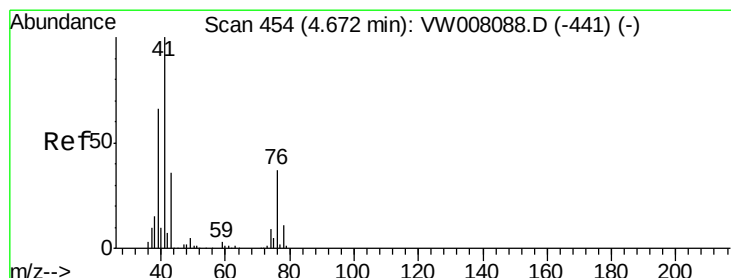
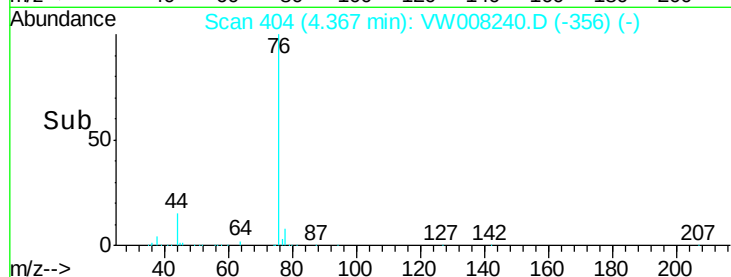
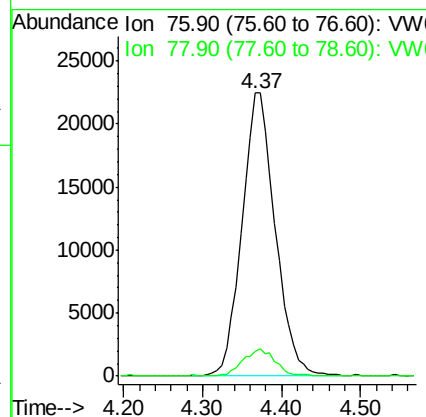
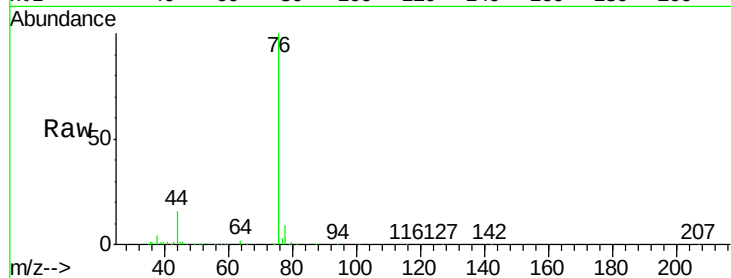
78 9.0 7.0 10.6

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#18

Methyl Acetate

Concen: 15.740 ug/l

RT: 4.68 min Scan# 455

Delta R.T. 0.01 min

Lab File: VW008240.D

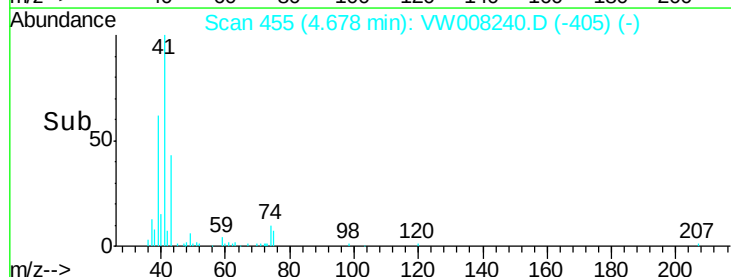
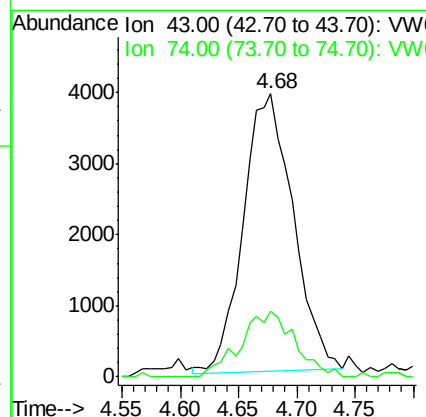
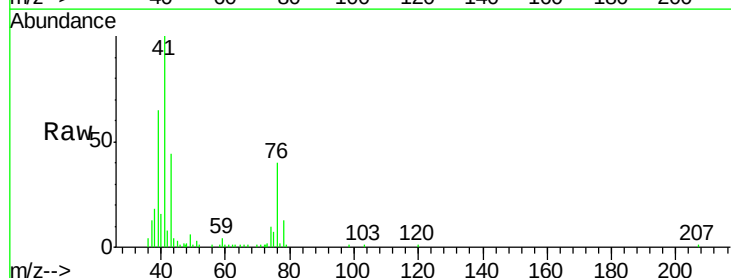
Acq: 14 Jan 2019 12:12

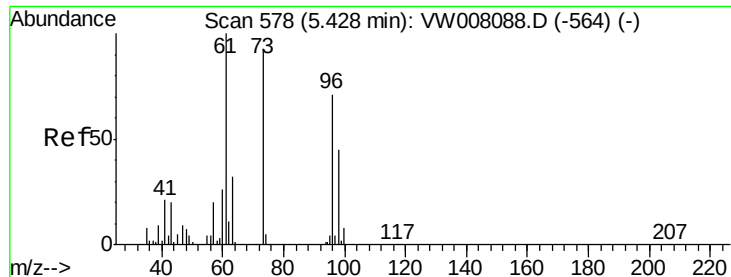
Tgt Ion: 43 Resp: 11632

Ion Ratio Lower Upper

43 100

74 25.7 19.0 28.4





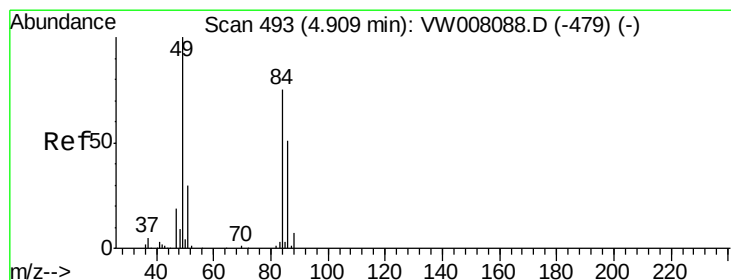
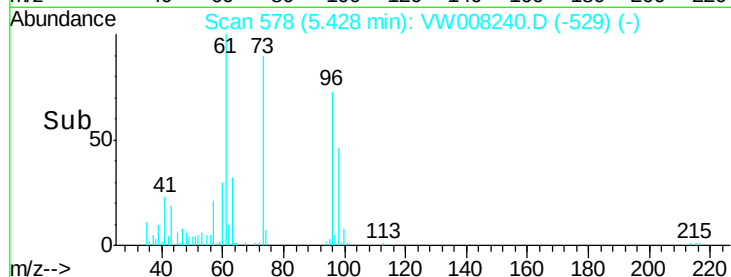
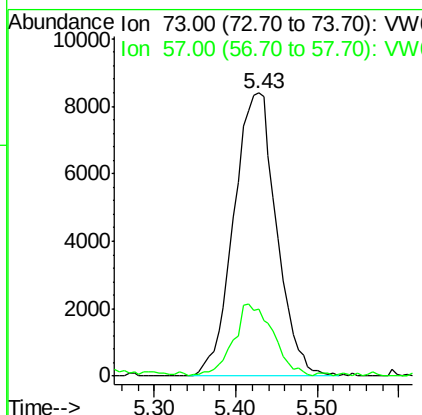
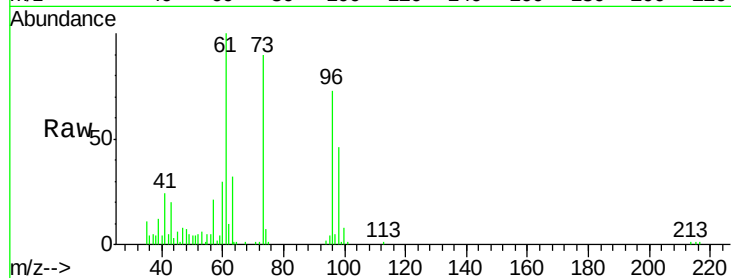
#19
Methyl tert-butyl Ether
Concen: 16.508 ug/l
RT: 5.43 min Scan# 578
Delta R.T. 0.00 min
Lab File: VW008240.D
Acq: 14 Jan 2019 12:12

Instrument :
MSVOA_W
ClientSampleId :
VW0114SBS01

Tot Ion: 73 Resp: 30574
Ion Ratio Lower Upper
73 100
57 23.7 16.7 25.1

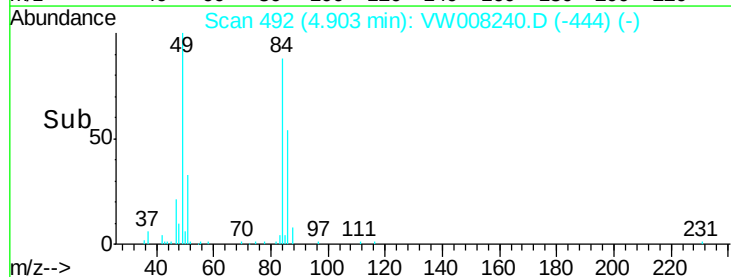
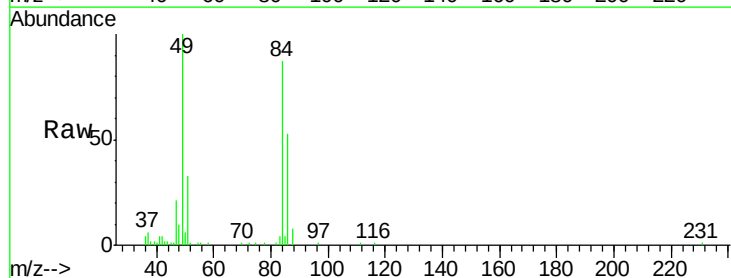
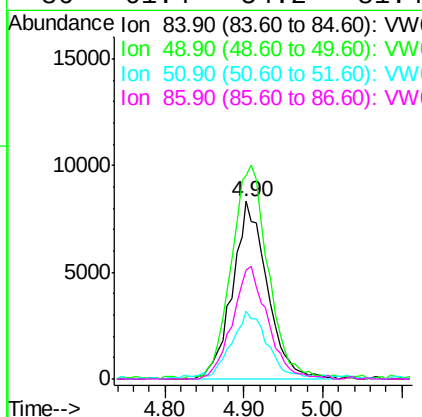
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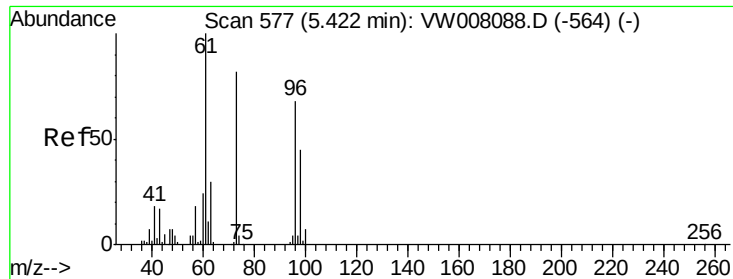
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#20
Methylene Chloride
Concen: 19.238 ug/l
RT: 4.90 min Scan# 492
Delta R.T. -0.01 min
Lab File: VW008240.D
Acq: 14 Jan 2019 12:12

Tgt Ion: 84 Resp: 25552
Ion Ratio Lower Upper
84 100
49 113.7 107.1 160.7
51 36.3 32.4 48.6
86 61.4 54.2 81.4





#21

trans-1,2-Dichloroethene

Concen: 19.579 ug/l

RT: 5.42 min Scan# 576

Delta R.T. -0.01 min

Lab File: VW008240.D

Acq: 14 Jan 2019 12:12

Instrument :

MSVOA_W

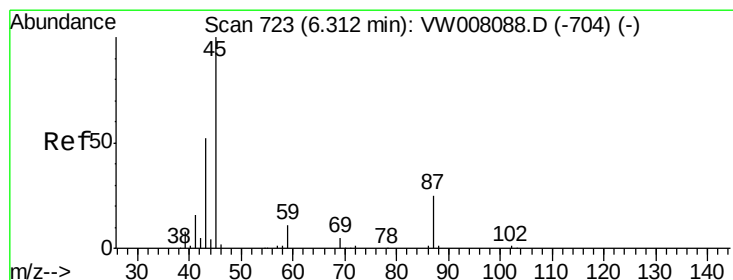
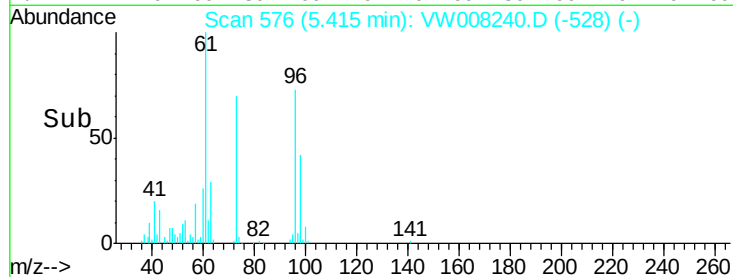
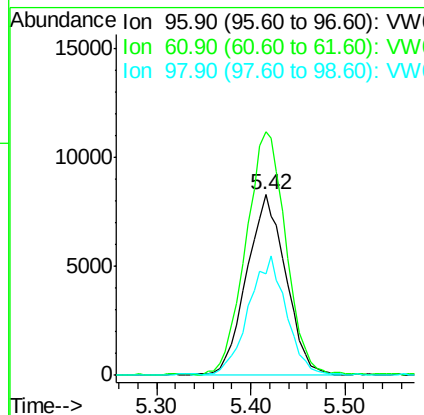
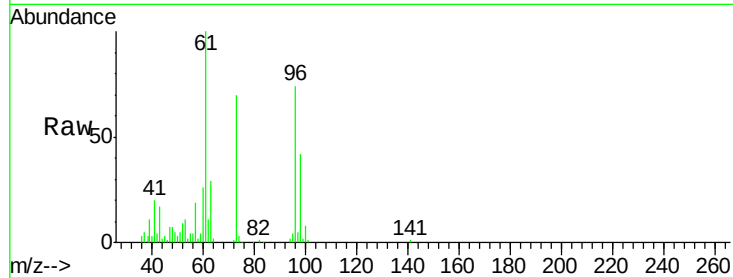
ClientSampleId :

VW0114SBS01

Tot Ion:	96	Resp:	24240
Ion	Ratio	Lower	Upper
96	100		
61	134.3	117.4	176.0
98	55.4	52.2	78.4

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#22

Diisopropyl ether

Concen: 18.156 ug/l

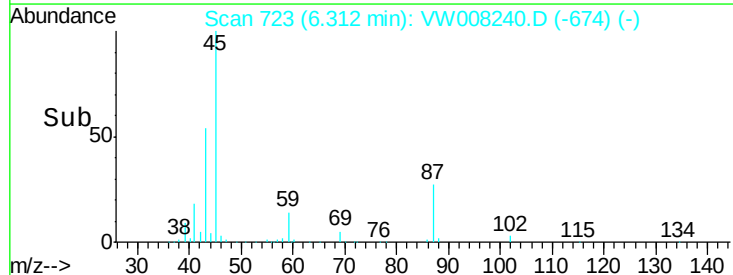
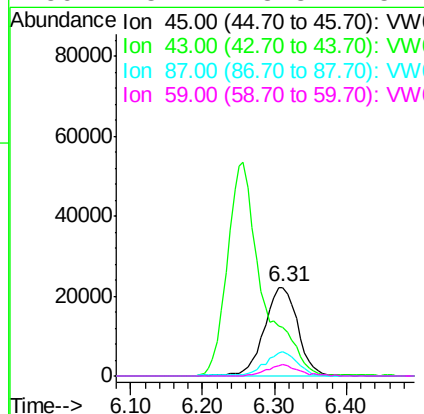
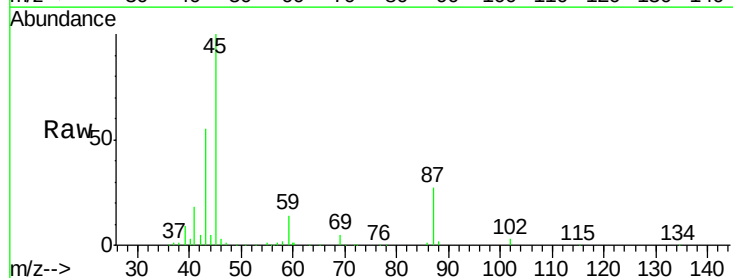
RT: 6.31 min Scan# 723

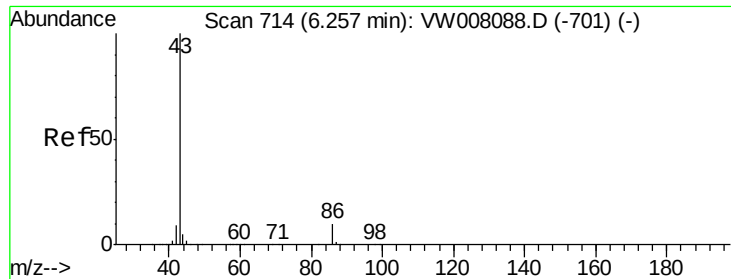
Delta R.T. 0.00 min

Lab File: VW008240.D

Acq: 14 Jan 2019 12:12

Tgt Ion:	45	Resp:	71622
Ion	Ratio	Lower	Upper
45	100		
43	54.7	41.7	62.5
87	27.5	20.1	30.1
59	13.7	8.8	13.2#





#23

Vinyl Acetate

Concen: 86.917 ug/l

RT: 6.26 min Scan# 714

Delta R.T. 0.00 min

Lab File: VW008240.D

Acq: 14 Jan 2019 12:12

Instrument :

MSVOA_W

ClientSampled :

VW0114SBS01

Tot Ion: 43 Resp: 180079

Ion Ratio Lower Upper

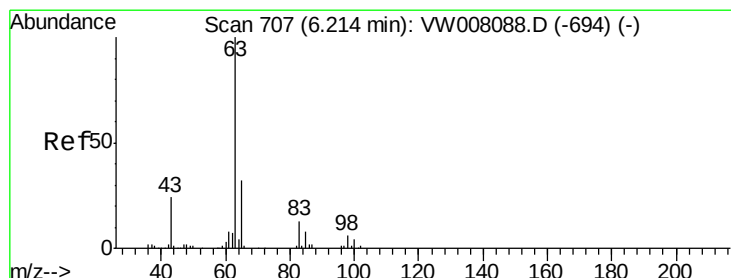
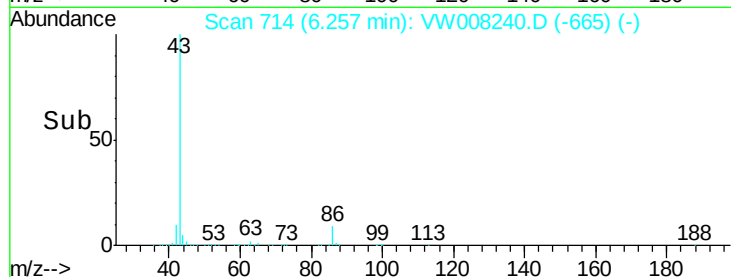
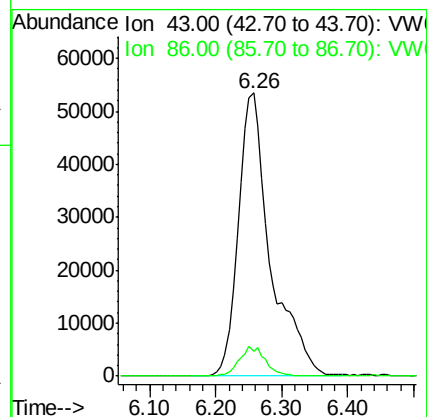
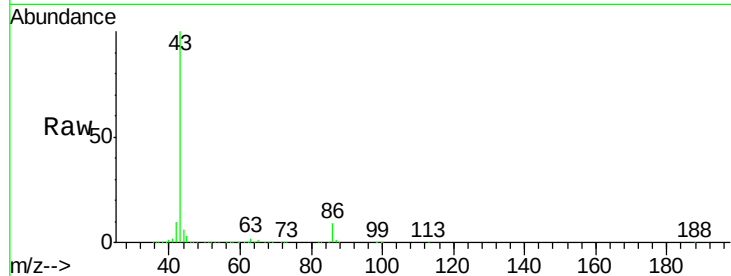
43 100

86 8.9 7.7 11.5

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#24

1,1-Dichloroethane

Concen: 18.919 ug/l

RT: 6.21 min Scan# 707

Delta R.T. 0.00 min

Lab File: VW008240.D

Acq: 14 Jan 2019 12:12

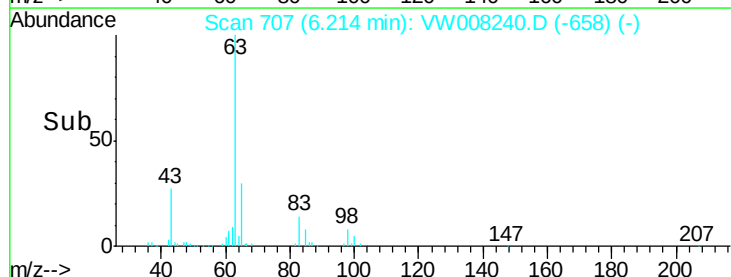
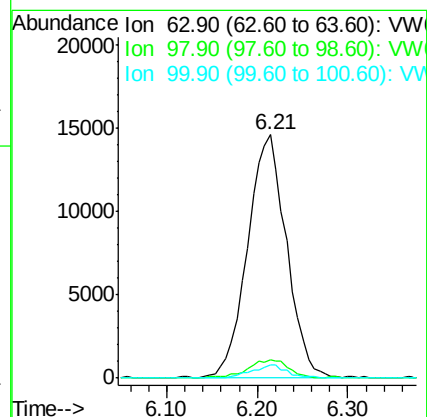
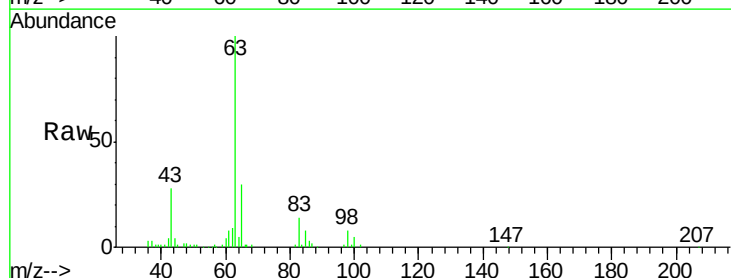
Tgt Ion: 63 Resp: 43486

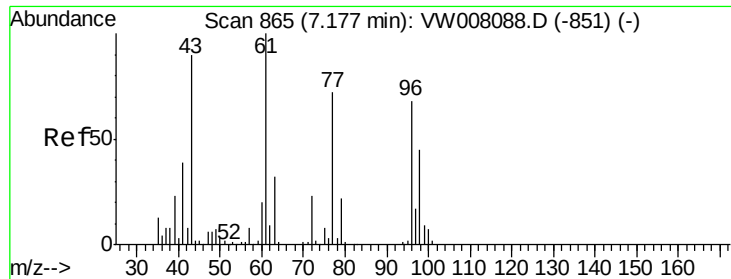
Ion Ratio Lower Upper

63 100

98 7.6 3.2 9.6

100 5.4 2.0 6.0





#25

2-Butanone

Concen: 90.158 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.01 min

Lab File: VW008240.D

Acq: 14 Jan 2019 12:12

Instrument :

MSVOA_W

ClientSampleId :

VW0114SBS01

Tot Ion: 43 Resp: 29330

Ion Ratio Lower Upper

43 100

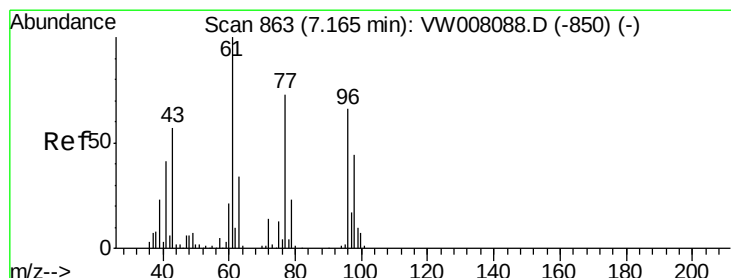
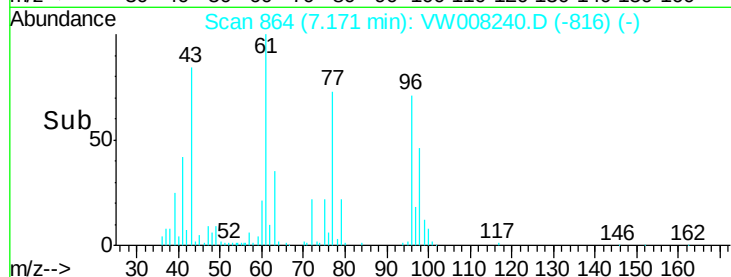
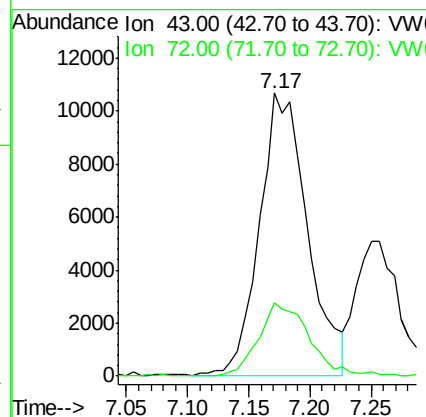
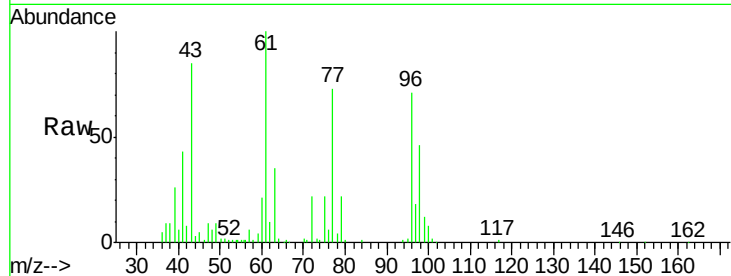
72 25.8 20.5 30.7

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#26

2,2-Dichloropropane

Concen: 18.965 ug/l

RT: 7.17 min Scan# 863

Delta R.T. 0.00 min

Lab File: VW008240.D

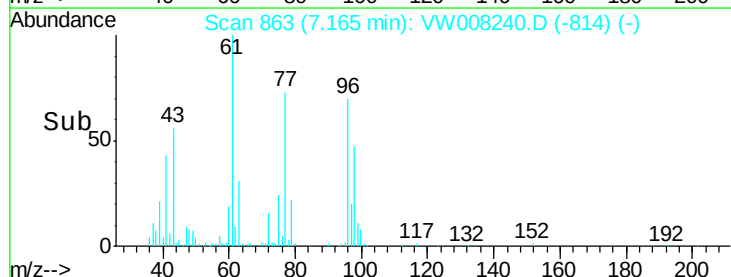
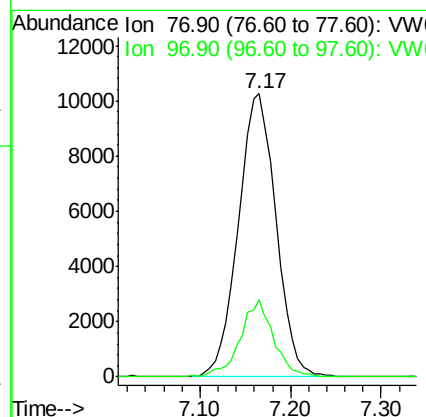
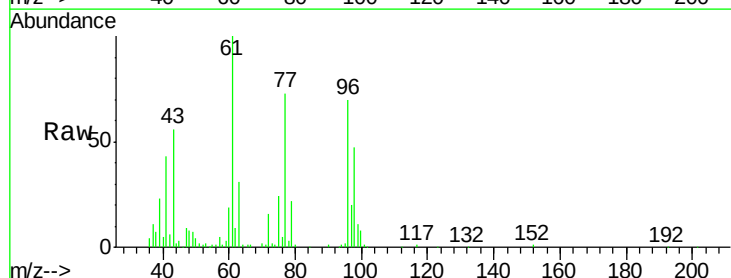
Acq: 14 Jan 2019 12:12

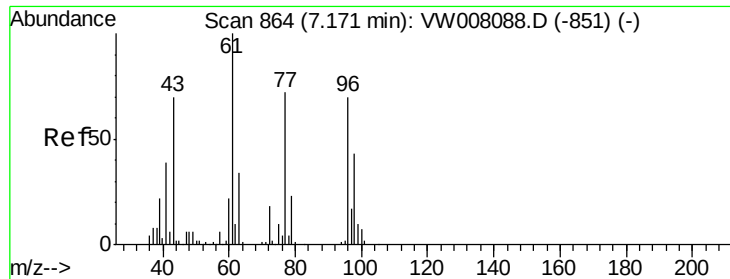
Tgt Ion: 77 Resp: 29537

Ion Ratio Lower Upper

77 100

97 24.0 11.4 34.1





#27

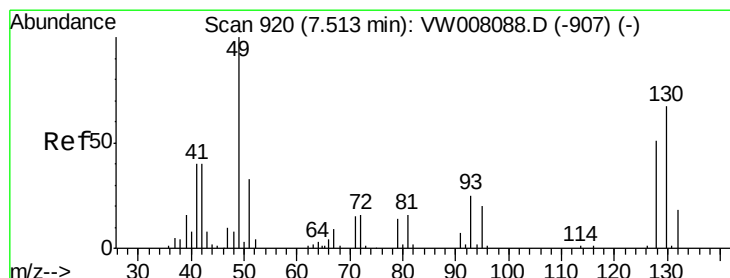
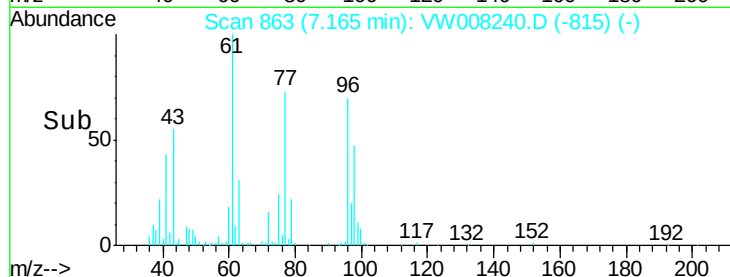
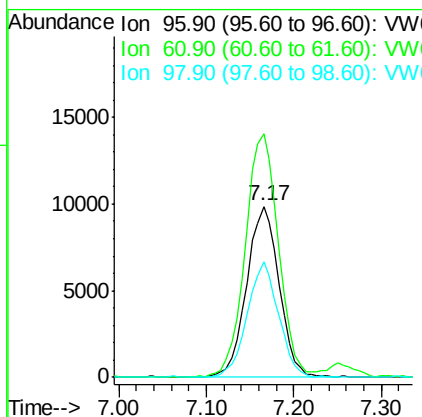
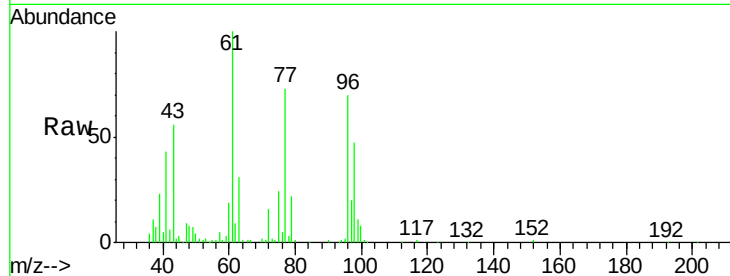
cis-1,2-Dichloroethene
Concen: 18.837 ug/l
RT: 7.17 min Scan# 863
Delta R.T. -0.01 min
Lab File: VW008240.D
Acq: 14 Jan 2019 12:12

Instrument :
MSVOA_W
ClientSampleId :
VW0114SBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	145.2	0.0	300.4
98	64.9	0.0	128.4

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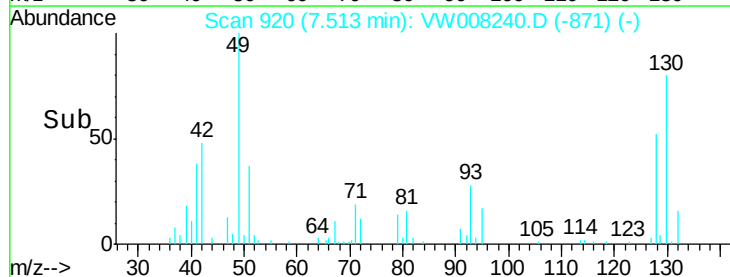
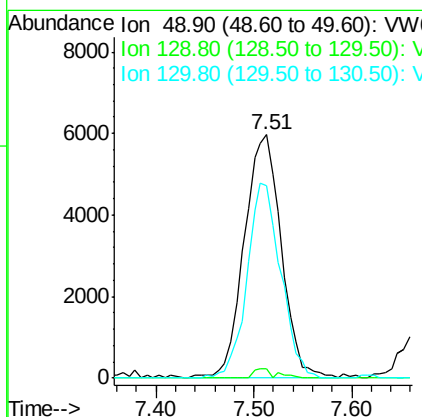
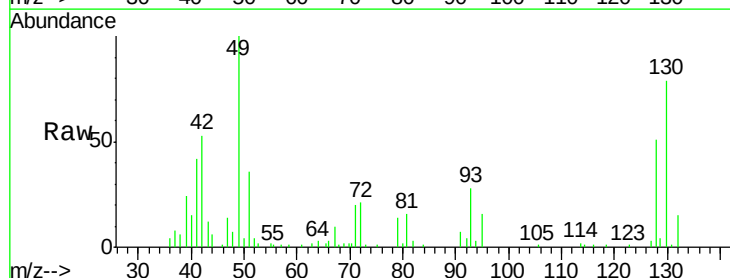
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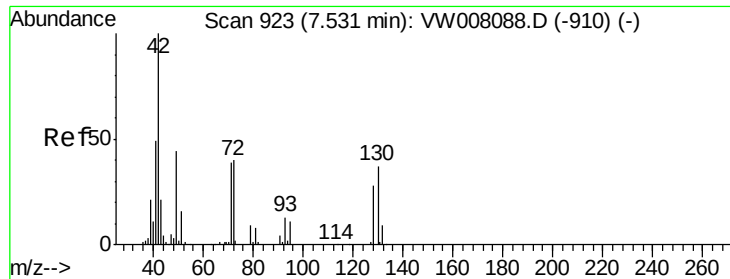


#28

Bromochloromethane
Concen: 17.282 ug/l
RT: 7.51 min Scan# 920
Delta R.T. 0.00 min
Lab File: VW008240.D
Acq: 14 Jan 2019 12:12

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.5	0.0	2.8
130	72.7	54.3	81.5





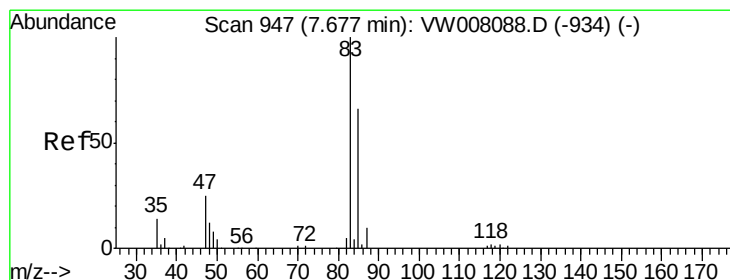
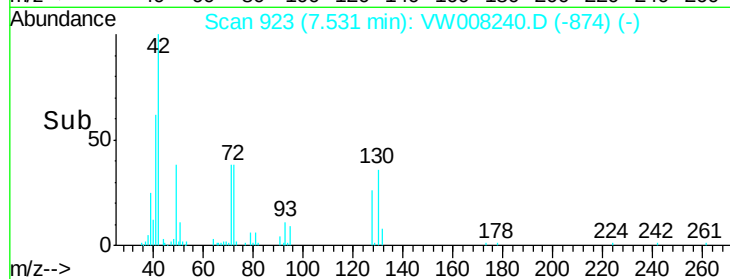
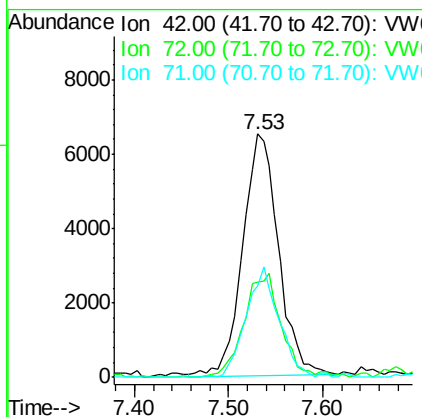
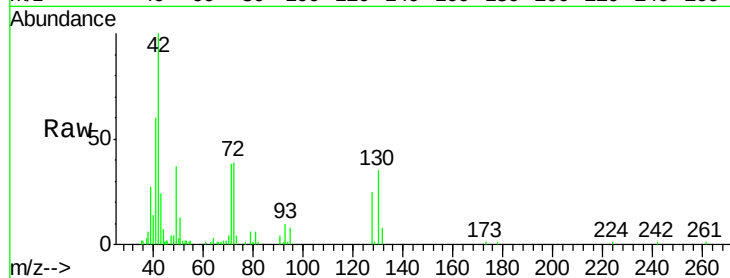
#29
Tetrahydrofuran
Concen: 80.158 ug/l
RT: 7.53 min Scan# 923
Delta R.T. 0.00 min
Lab File: VW008240.D
Acq: 14 Jan 2019 12:12

Instrument :
MSVOA_W
ClientSampleId :
VW0114SBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	45.0	32.4	48.6
71	41.6	31.3	46.9

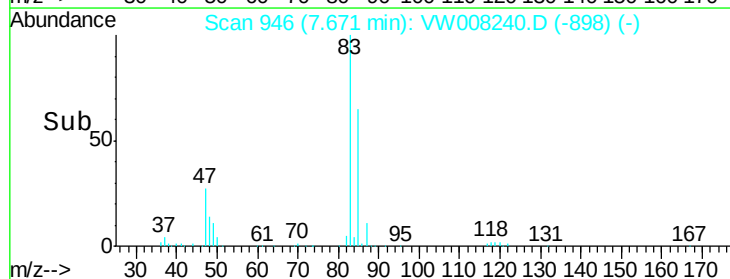
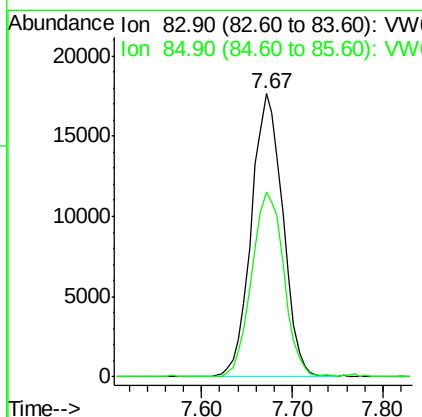
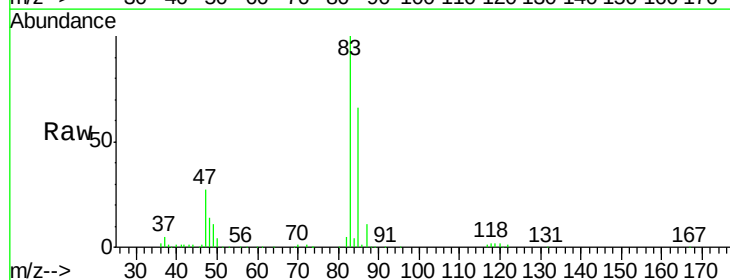
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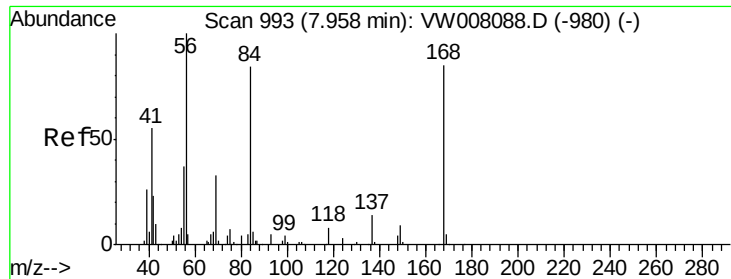
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#30
Chloroform
Concen: 19.359 ug/l
RT: 7.67 min Scan# 946
Delta R.T. -0.01 min
Lab File: VW008240.D
Acq: 14 Jan 2019 12:12

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.5	53.2	79.8





#31

Cyclohexane

Concen: 17.453 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.01 min

Lab File: VW008240.D

Acq: 14 Jan 2019 12:12

Instrument :

MSVOA_W

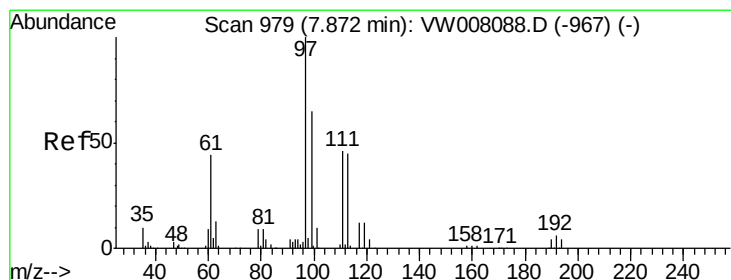
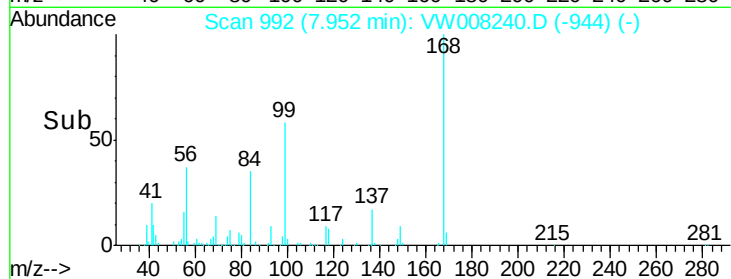
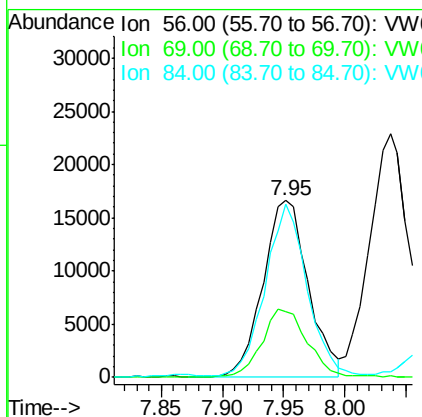
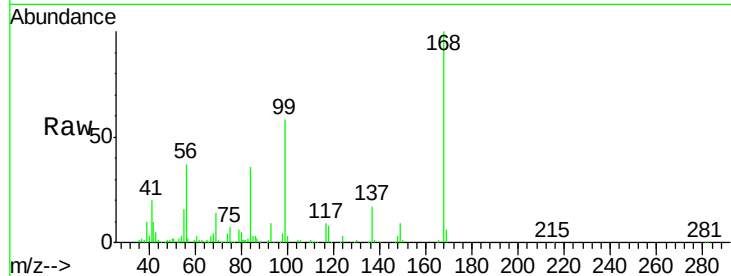
ClientSampled :

VW0114SBS01

Tot Ion:	56	Resp:	42945
Ion	Ratio	Lower	Upper
56	100		
69	37.3	26.2	39.4
84	95.1	67.4	101.2

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#32

1,1,1-Trichloroethane

Concen: 19.569 ug/l

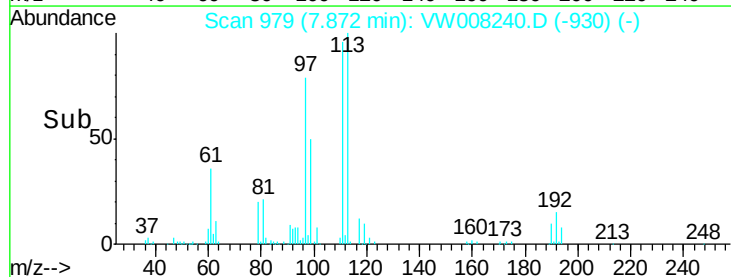
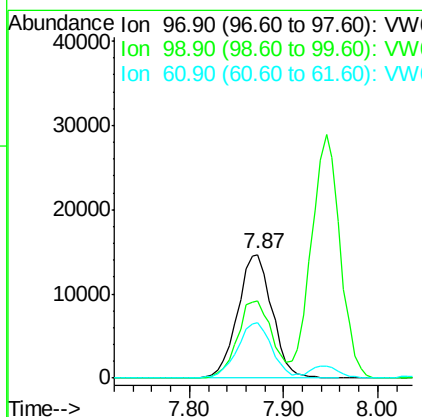
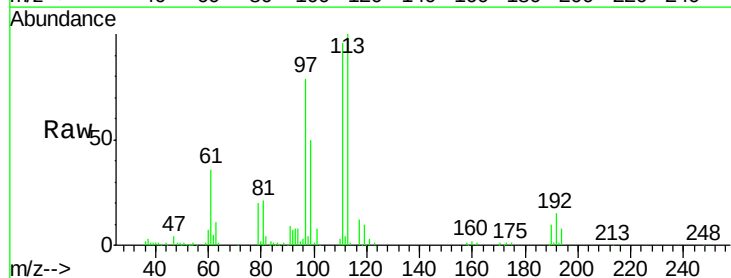
RT: 7.87 min Scan# 979

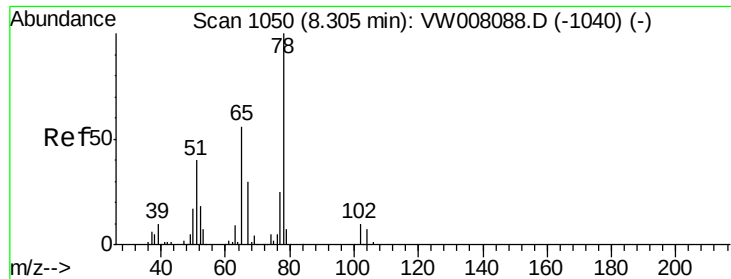
Delta R.T. 0.00 min

Lab File: VW008240.D

Acq: 14 Jan 2019 12:12

Tgt Ion:	97	Resp:	37253
Ion	Ratio	Lower	Upper
97	100		
99	62.5	51.4	77.0
61	45.3	35.6	53.4





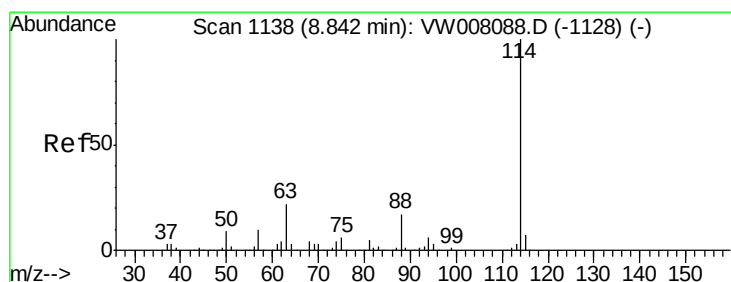
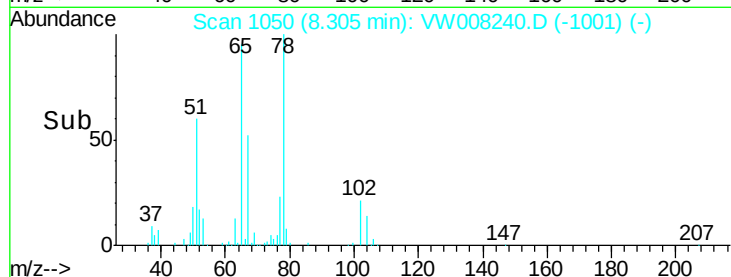
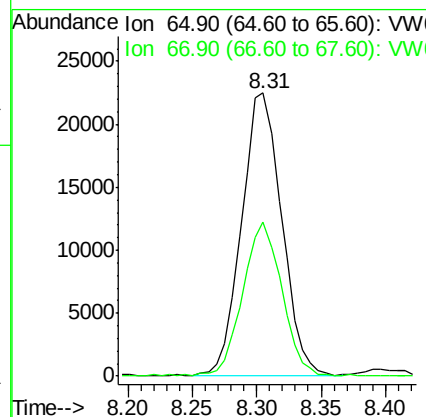
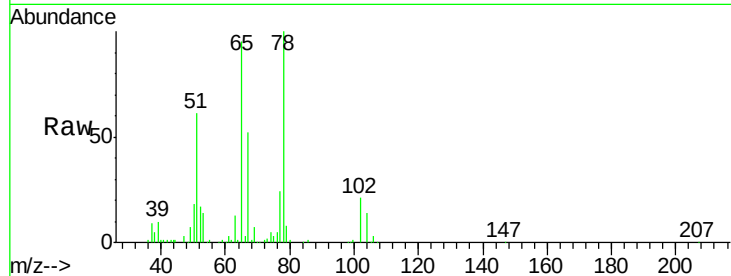
#33
 1,2-Dichloroethane-d4
 Concen: 41.660 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VW008240.D
 Acq: 14 Jan 2019 12:12

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0114SBS01

Tot Ion	Ratio	Resp	Lower	Upper
65	100	48710		
67	52.7		0.0	106.8

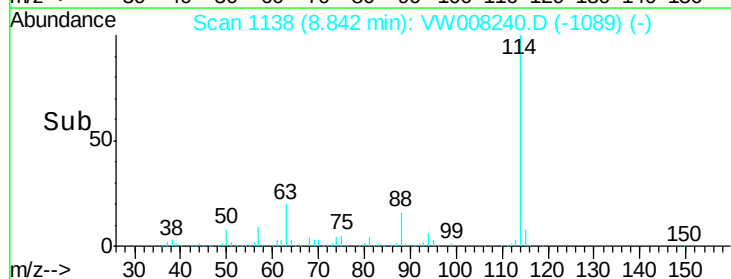
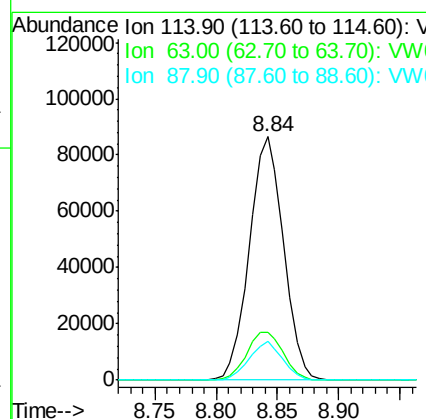
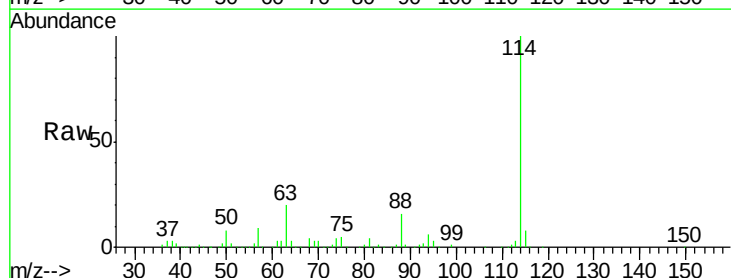
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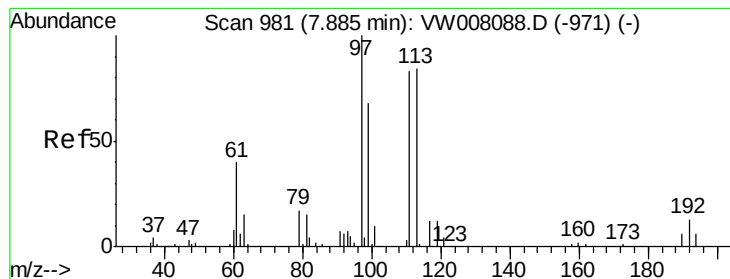
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW008240.D
 Acq: 14 Jan 2019 12:12

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	168114		
63	19.7		0.0	43.4
88	16.1		0.0	33.4





#35

Dibromofluoromethane

Concen: 50.634 ug/l

RT: 7.88 min Scan# 980

Delta R.T. -0.01 min

Lab File: VW008240.D

Acq: 14 Jan 2019 12:12

Instrument :

MSVOA_W

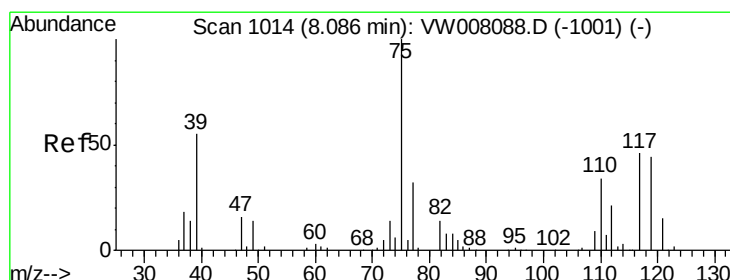
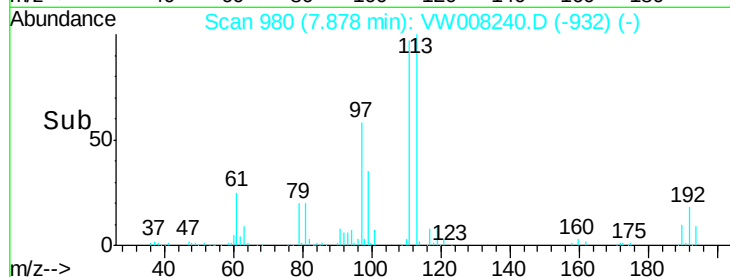
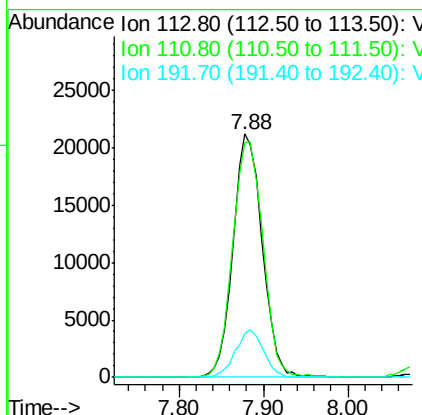
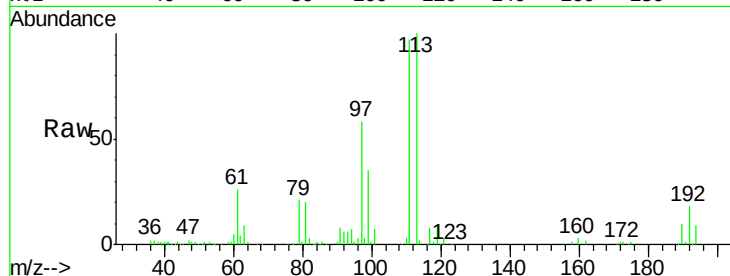
ClientSampleId :

VW0114SBS01

Tot Ion	Ratio	Lower	Upper
113	100		
111	101.0	81.8	122.8
192	18.6	12.8	19.2

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#36

1,1-Dichloropropene

Concen: 20.817 ug/l

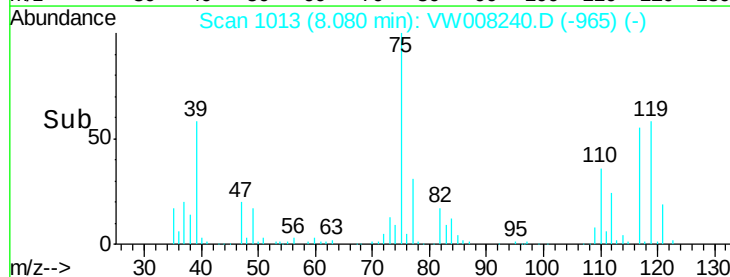
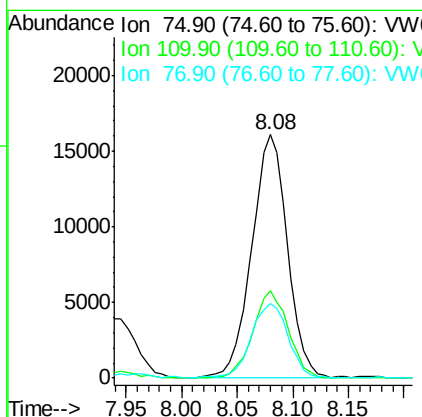
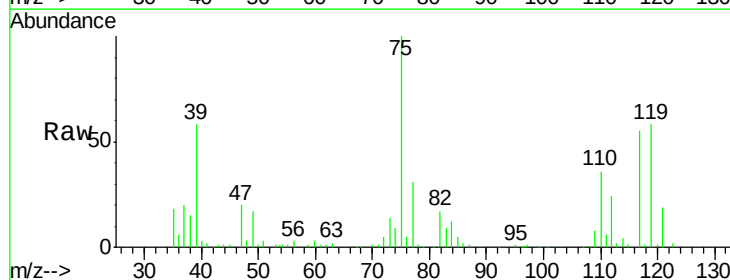
RT: 8.08 min Scan# 1013

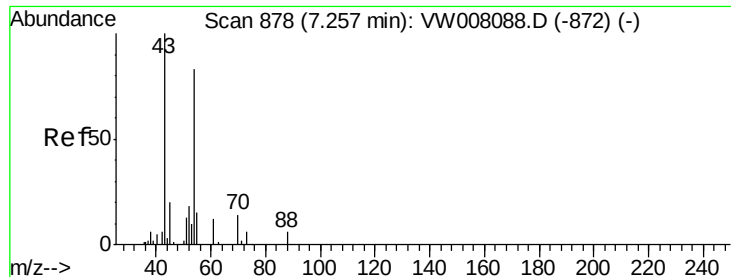
Delta R.T. -0.01 min

Lab File: VW008240.D

Acq: 14 Jan 2019 12:12

Tgt Ion	Ratio	Lower	Upper
75	100		
110	35.6	17.1	51.3
77	32.0	25.5	38.3





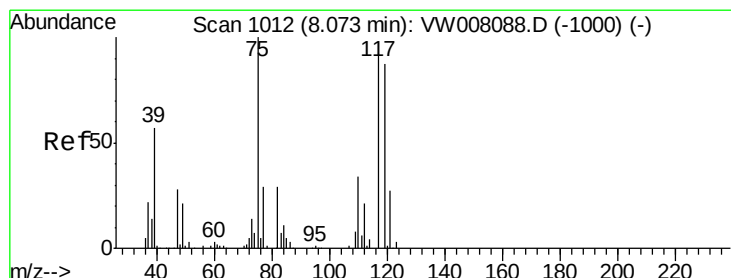
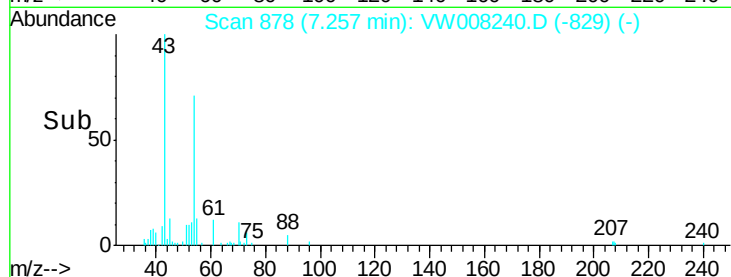
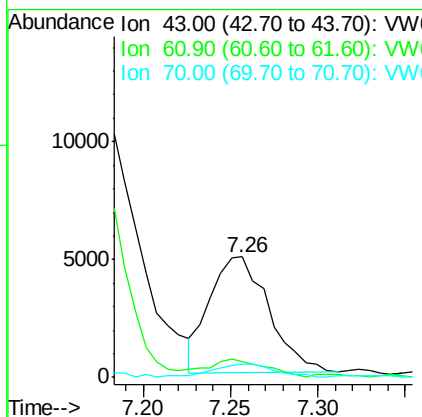
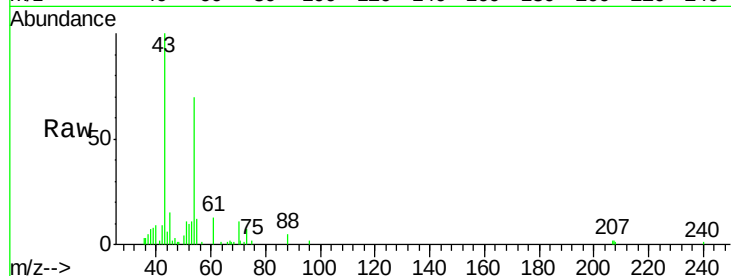
#37
Ethyl Acetate
Concen: 16.711 ug/l
RT: 7.26 min Scan# 878
Delta R.T. 0.00 min
Lab File: VW008240.D
Acq: 14 Jan 2019 12:12

Instrument :
MSVOA_W
ClientSampled :
VW0114SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.9	10.6	16.0
70	12.3	8.9	13.3

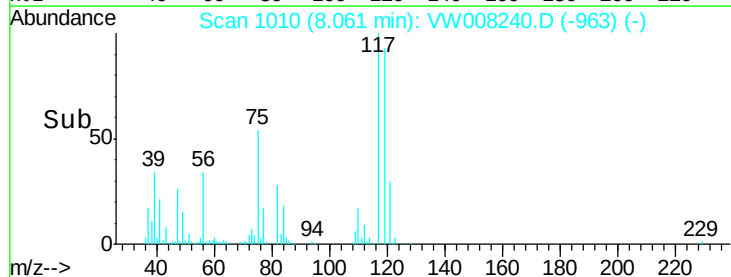
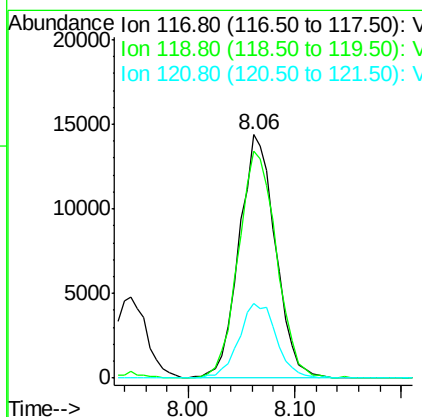
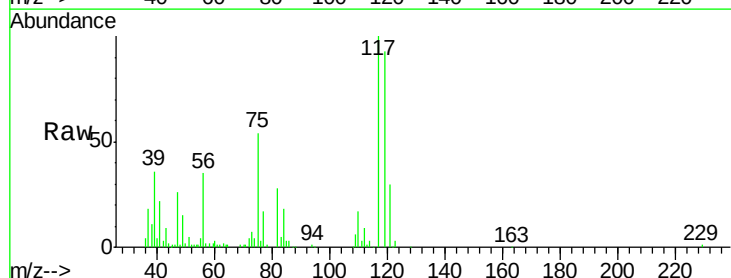
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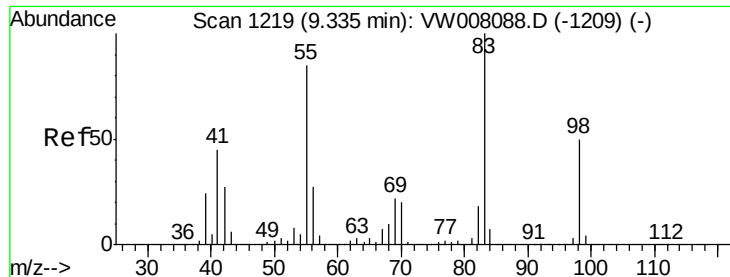
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#38
Carbon Tetrachloride
Concen: 21.779 ug/l
RT: 8.06 min Scan# 1010
Delta R.T. -0.01 min
Lab File: VW008240.D
Acq: 14 Jan 2019 12:12

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.1	75.8	113.8
121	30.4	23.7	35.5





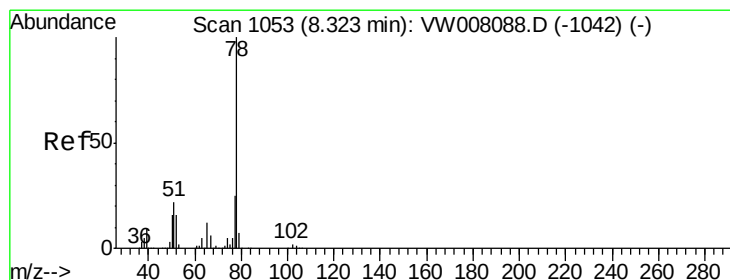
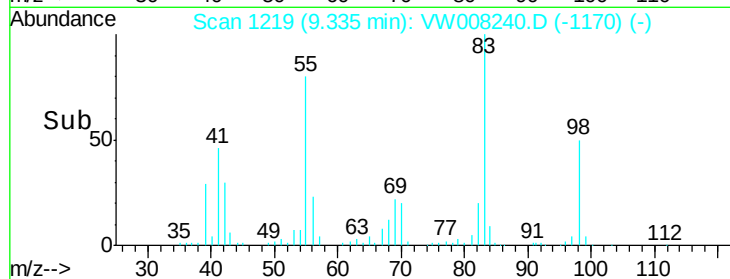
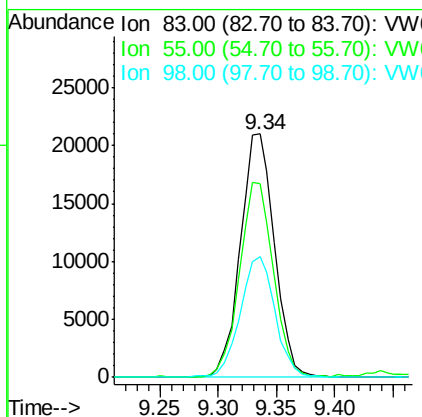
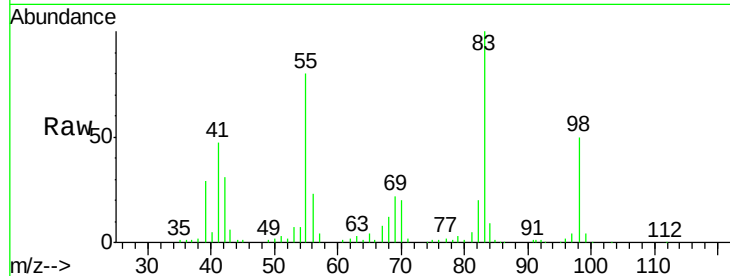
#39
Methylvlcyclohexane
Concen: 19.547 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. 0.00 min
Lab File: VW008240.D
Acq: 14 Jan 2019 12:12

Instrument :
MSVOA_W
ClientSampleId :
VW0114SBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	79.2	67.8	101.6
98	49.8	40.2	60.4

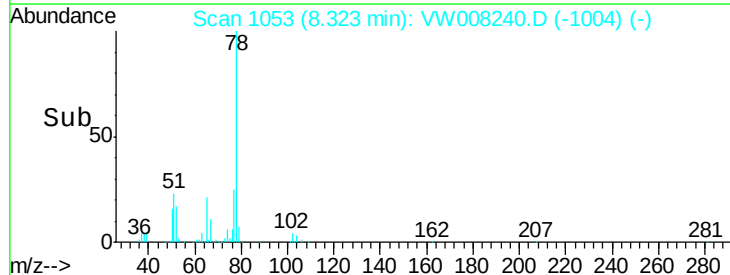
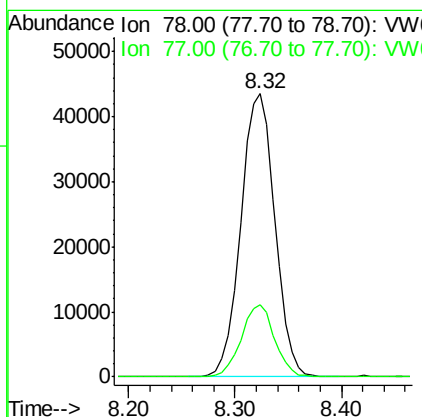
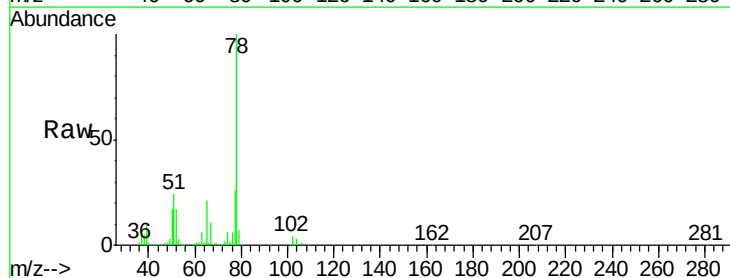
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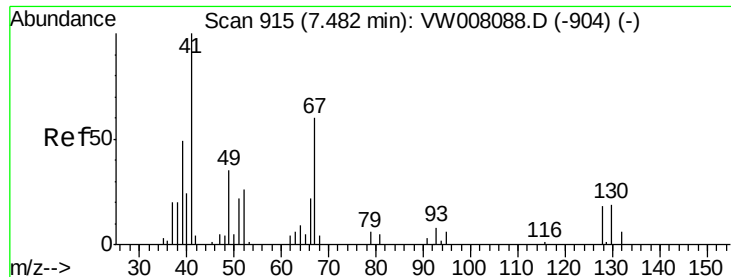
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#40
Benzene
Concen: 20.769 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. 0.00 min
Lab File: VW008240.D
Acq: 14 Jan 2019 12:12

Tgt Ion	Ratio	Lower	Upper
78	100		
77	25.5	20.2	30.4





#41

Methacrylonitrile

Concen: 18.185 ug/l

RT: 7.49 min Scan# 916

Delta R.T. 0.01 min

Lab File: VW008240.D

Acq: 14 Jan 2019 12:12

Instrument :

MSVOA_W

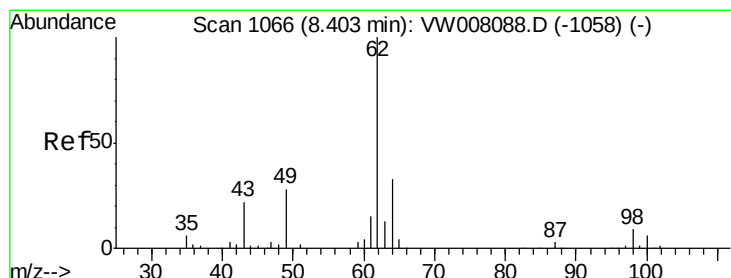
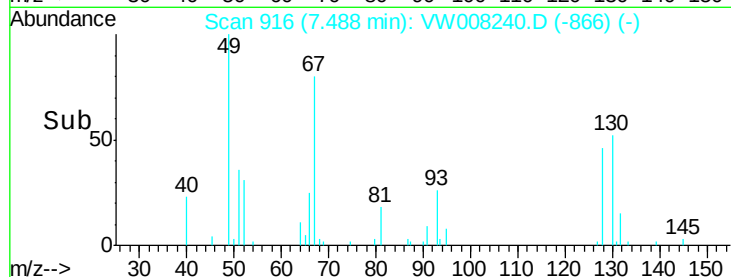
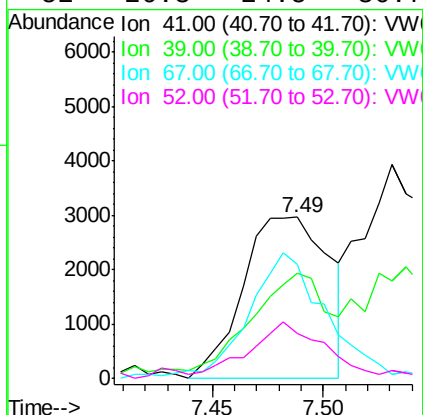
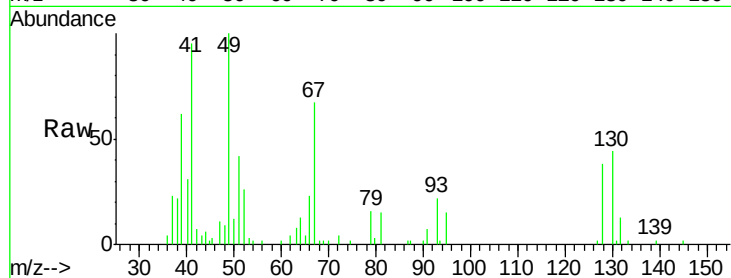
ClientSampleId :

VW0114SBS01

Tot Ion	41	Resp:	7970
Ion	Ratio	Lower	Upper
41	100		
39	54.0	47.9	71.9
67	70.9	56.3	84.5
52	26.3	24.5	36.7

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#42

1,2-Dichloroethane

Concen: 19.694 ug/l

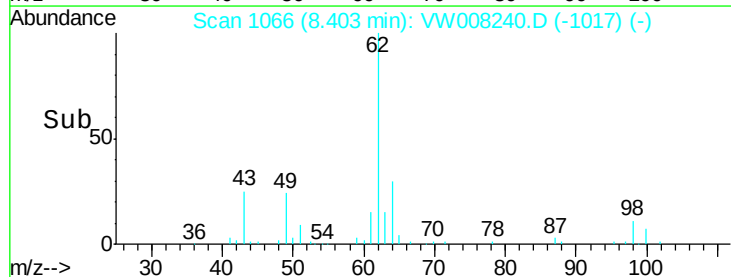
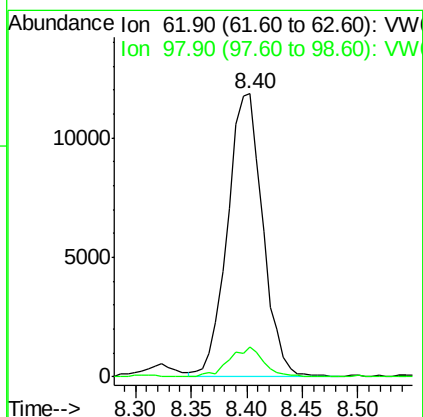
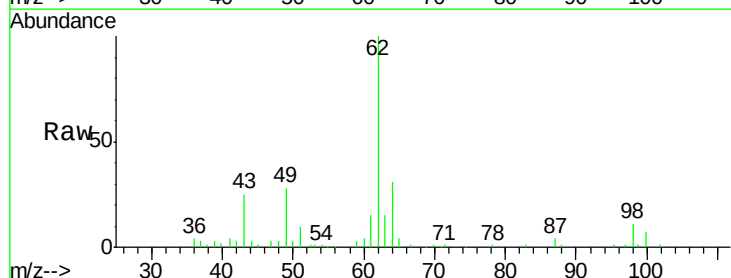
RT: 8.40 min Scan# 1066

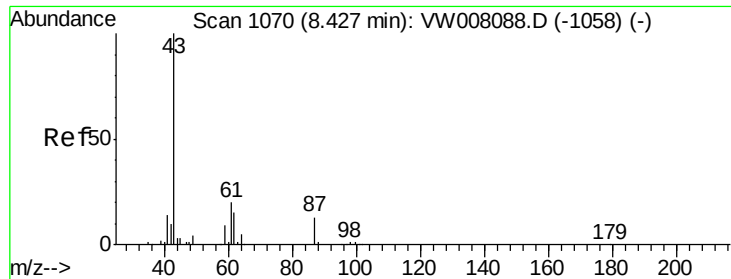
Delta R.T. 0.00 min

Lab File: VW008240.D

Acq: 14 Jan 2019 12:12

Tgt Ion	62	Resp:	26017
Ion	Ratio	Lower	Upper
62	100		
98	10.4	0.0	18.6





#43

Isopropyl Acetate

Concen: 17.572 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. 0.00 min

Lab File: VW008240.D

Acq: 14 Jan 2019 12:12

Instrument :

MSVOA_W

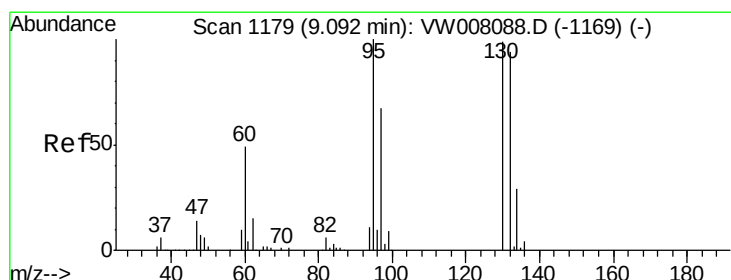
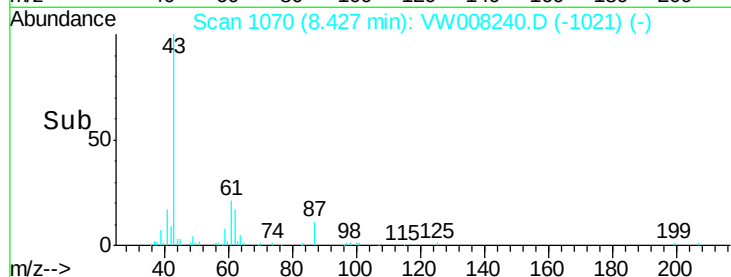
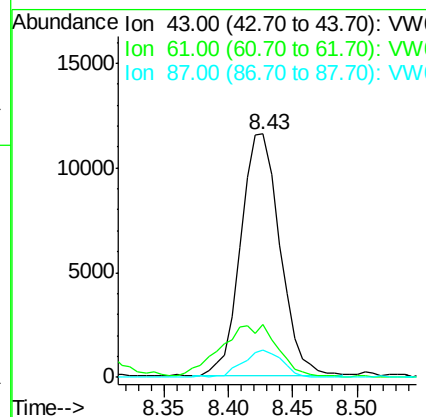
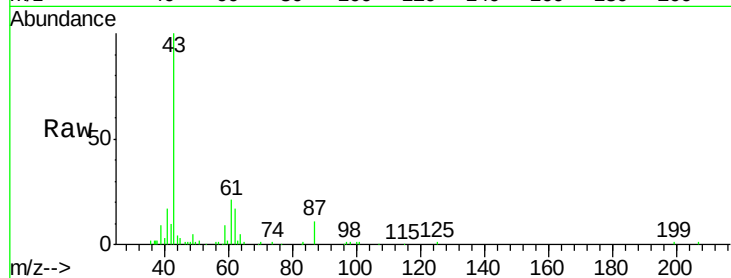
ClientSampleId :

VW0114SBS01

Tot Ion:	43	Resp:	24375
Ion	Ratio	Lower	Upper
43	100		
61	32.2	24.8	37.2
87	11.5	10.4	15.6

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#44

Trichloroethene

Concen: 22.294 ug/l

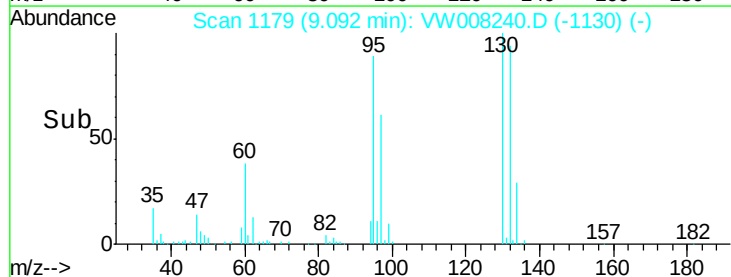
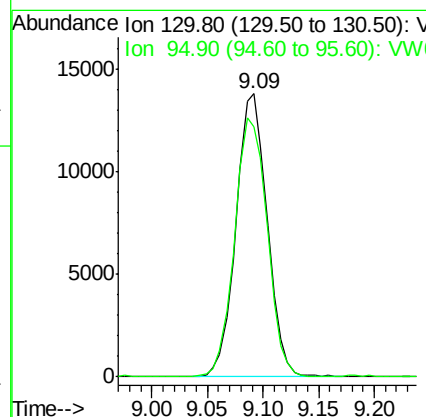
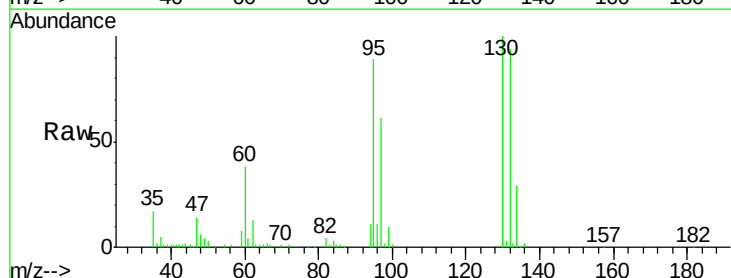
RT: 9.09 min Scan# 1179

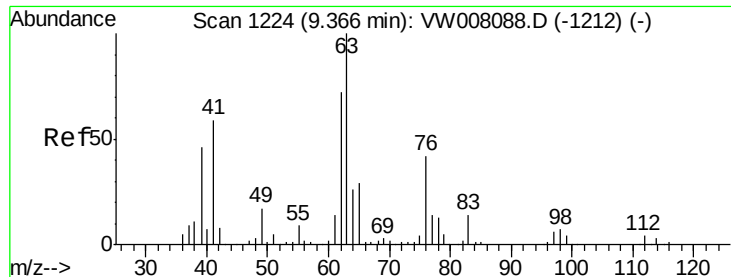
Delta R.T. 0.00 min

Lab File: VW008240.D

Acq: 14 Jan 2019 12:12

Tgt Ion:	130	Resp:	26805
Ion	Ratio	Lower	Upper
130	100		
95	88.5	0.0	202.8





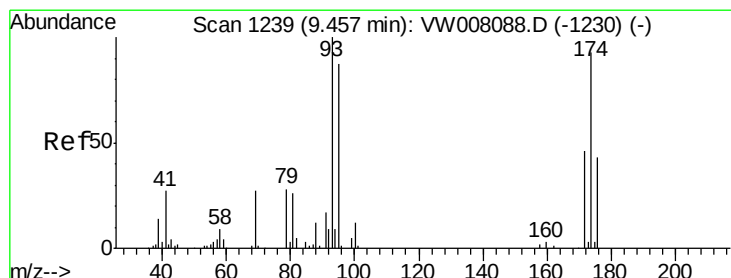
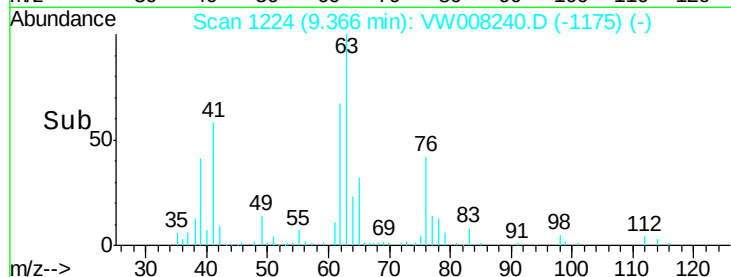
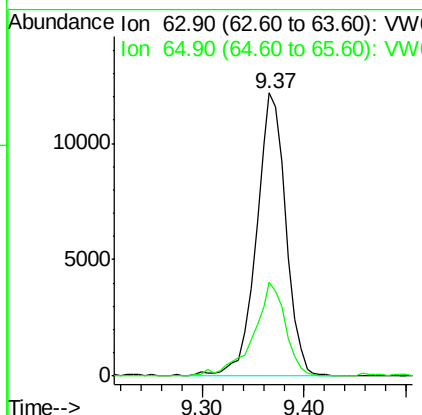
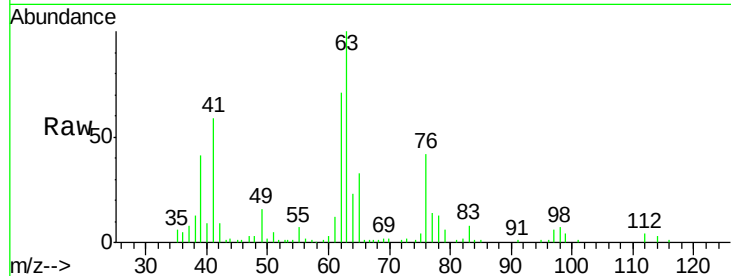
#45
 1,2-Dichloropropane
 Concen: 20.932 ug/l
 RT: 9.37 min Scan# 1224
 Delta R.T. 0.00 min
 Lab File: VW008240.D
 Acq: 14 Jan 2019 12:12

Instrument :
 MSVOA_W
 ClientSampled :
 VW0114SBS01

Tot Ion: 63 Resp: 24378
 Ion Ratio Lower Upper
 63 100
 65 33.2 23.3 34.9

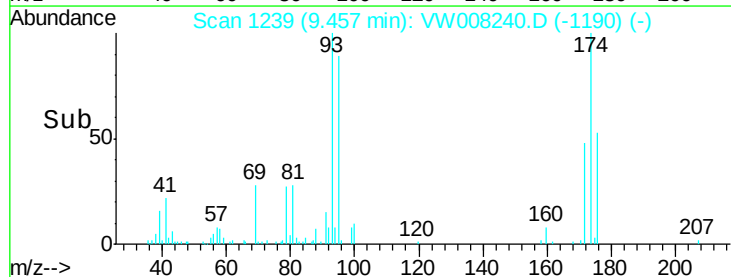
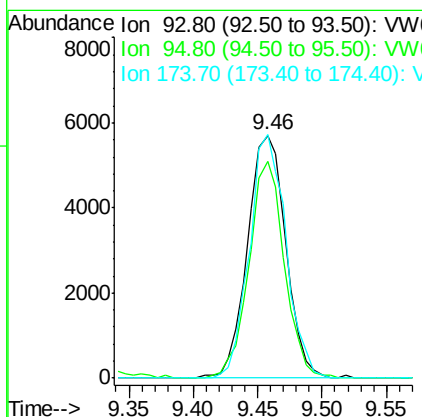
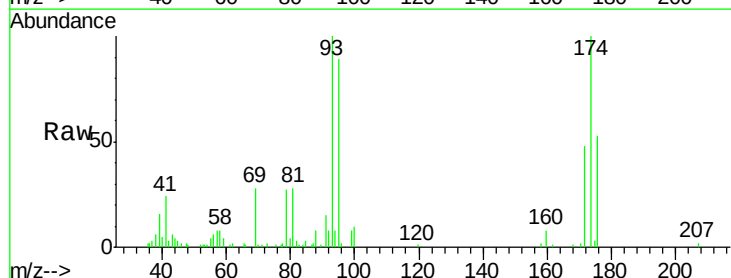
Manual Integrations
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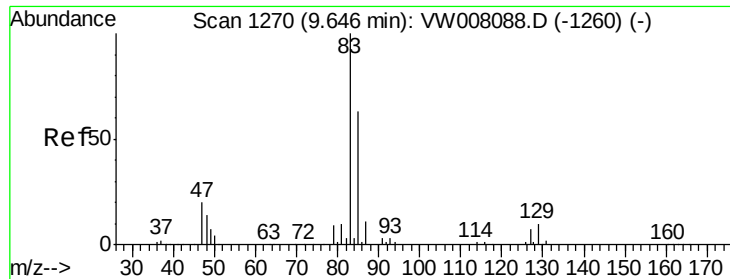
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#46
 Dibromomethane
 Concen: 20.433 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. 0.00 min
 Lab File: VW008240.D
 Acq: 14 Jan 2019 12:12

Tgt Ion: 93 Resp: 11687
 Ion Ratio Lower Upper
 93 100
 95 82.8 67.5 101.3
 174 95.7 72.5 108.7





#47

Bromodichloromethane

Concen: 21.470 ug/l

RT: 9.64 min Scan# 1269

Delta R.T. -0.01 min

Lab File: VW008240.D

Acq: 14 Jan 2019 12:12

Instrument :

MSVOA_W

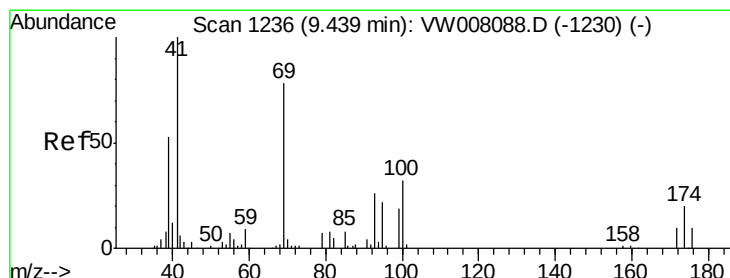
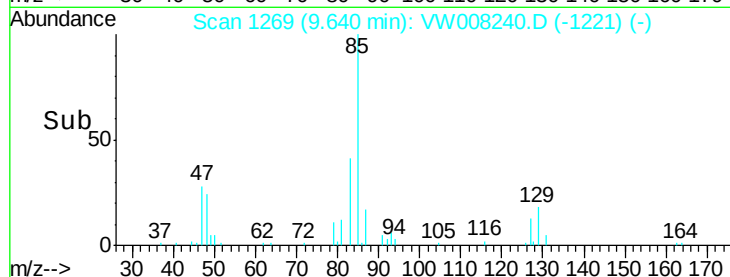
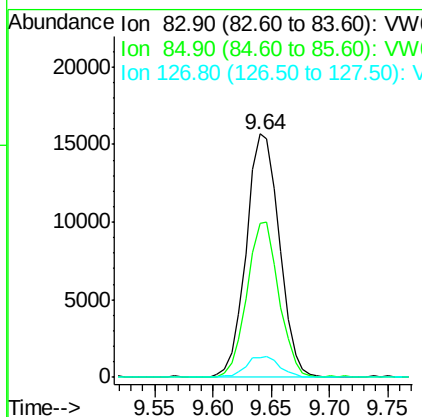
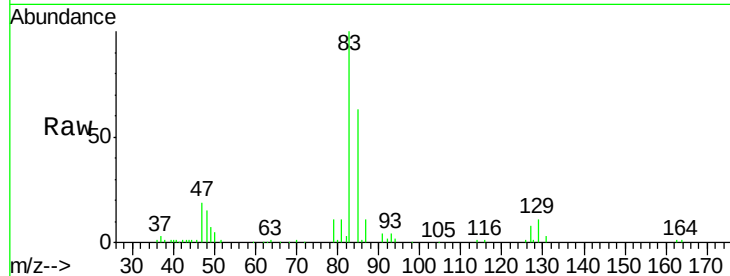
ClientSampleId :

VW0114SBS01

Tot Ion:	83	Resp:	31181
Ion	Ratio	Lower	Upper
83	100		
85	63.4	50.7	76.1
127	7.9	6.0	9.0

Manual Integrations
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#48

Methyl methacrylate

Concen: 18.349 ug/l

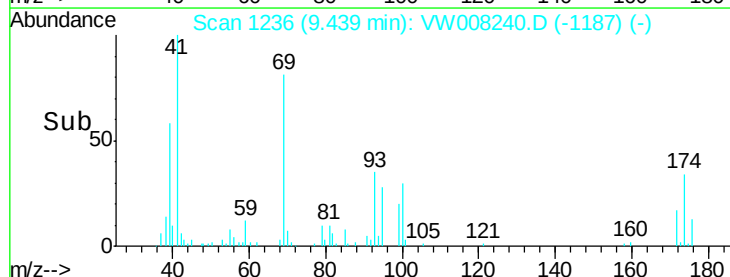
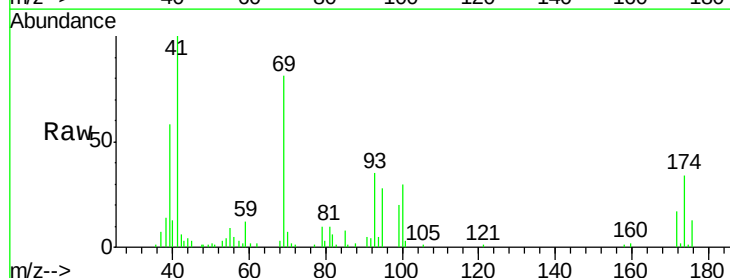
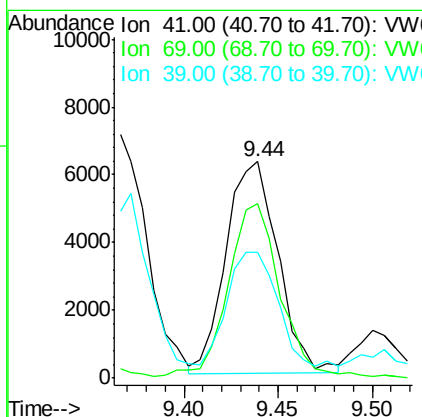
RT: 9.44 min Scan# 1236

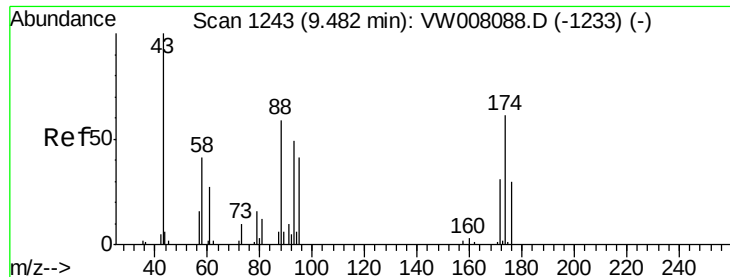
Delta R.T. 0.00 min

Lab File: VW008240.D

Acq: 14 Jan 2019 12:12

Tgt Ion:	41	Resp:	12010
Ion	Ratio	Lower	Upper
41	100		
69	83.1	61.9	92.9
39	51.9	43.0	64.4





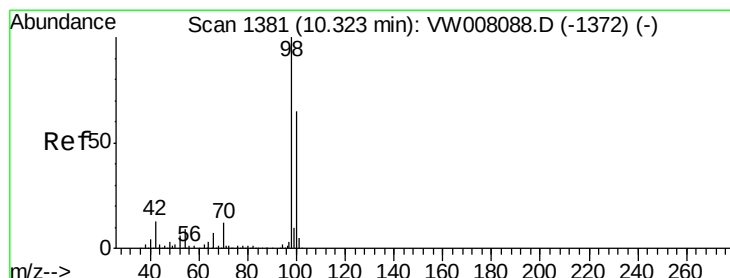
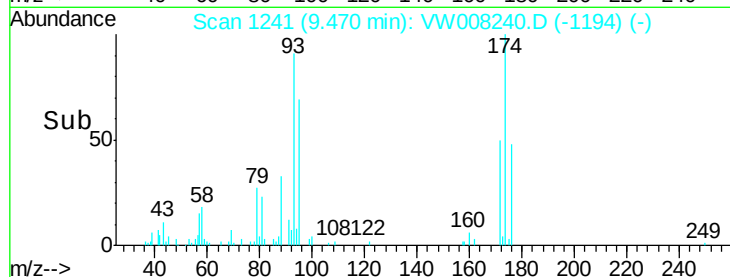
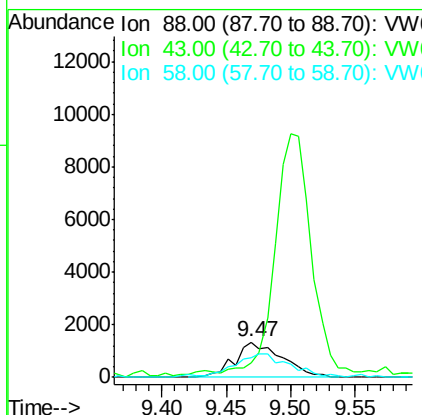
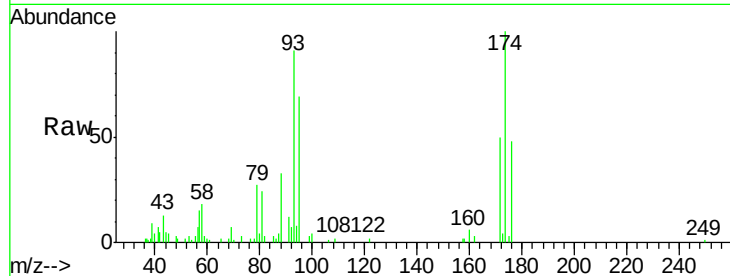
#49
1,4-Dioxane
Concen: 371.157 ug/l
RT: 9.47 min Scan# 1241
Delta R.T. -0.01 min
Lab File: VW008240.D
Acq: 14 Jan 2019 12:12

Instrument :
MSVOA_W
ClientSampled :
VW0114SBS01

Tot Ion	88	Resp	3414
Ion	Ratio	Lower	Upper
88	100		
43	0.0	0.0	0.0
58	76.4	61.7	92.5

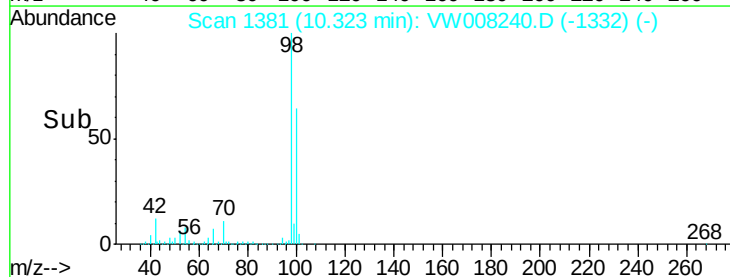
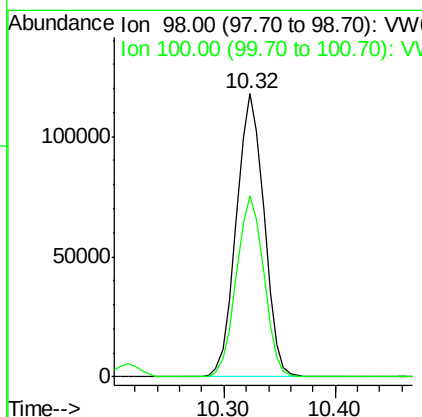
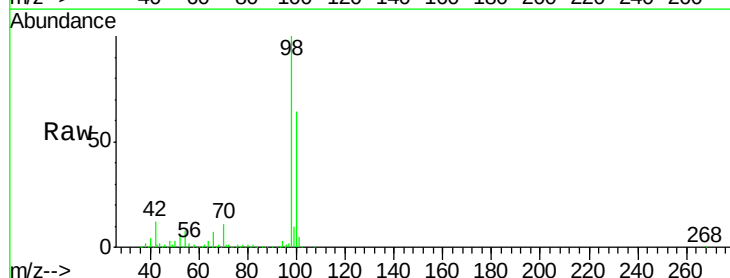
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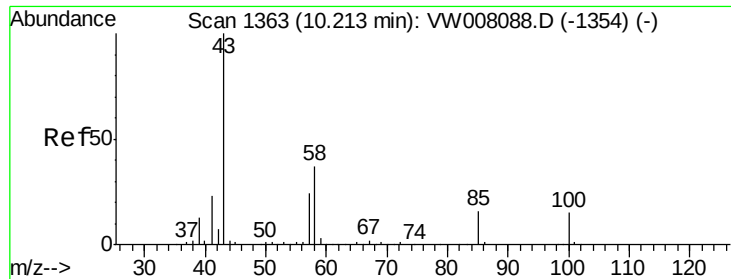
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#50
Toluene-d8
Concen: 49.449 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW008240.D
Acq: 14 Jan 2019 12:12

Tgt Ion	98	Resp	203464
Ion	Ratio	Lower	Upper
98	100		
100	63.4	51.7	77.5





#51

4-Methyl-2-Pentanone

Concen: 89.514 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. 0.00 min

Lab File: VW008240.D

Acq: 14 Jan 2019 12:12

Instrument :

MSVOA_W

ClientSampleId :

VW0114SBS01

Tot Ion: 43 Resp: 60105

Ion Ratio Lower Upper

43 100

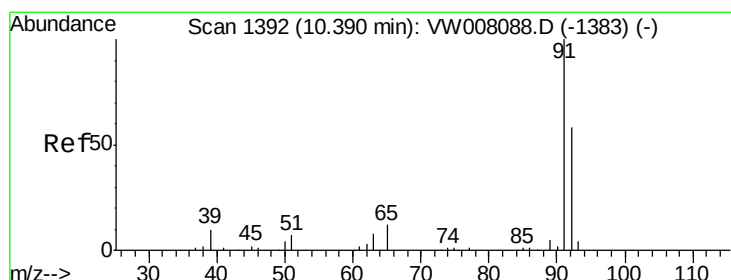
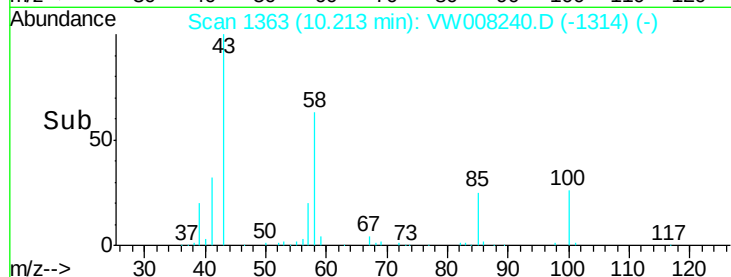
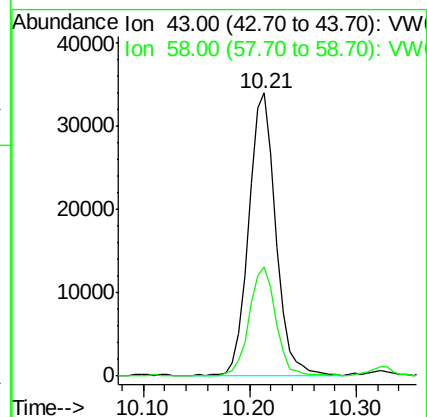
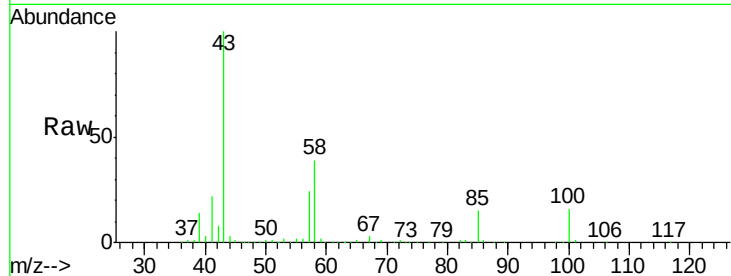
58 38.8 30.6 46.0

Manual Integrations

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#52

Toluene

Concen: 20.854 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VW008240.D

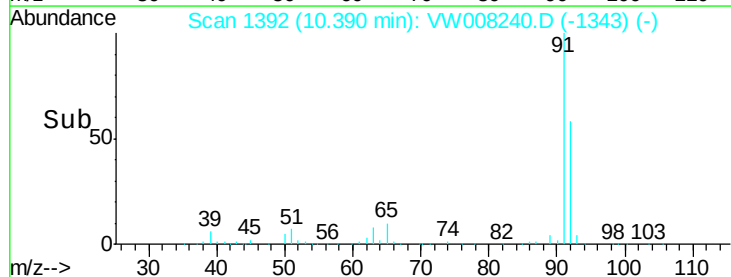
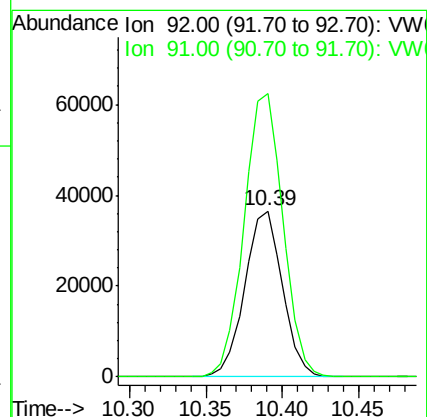
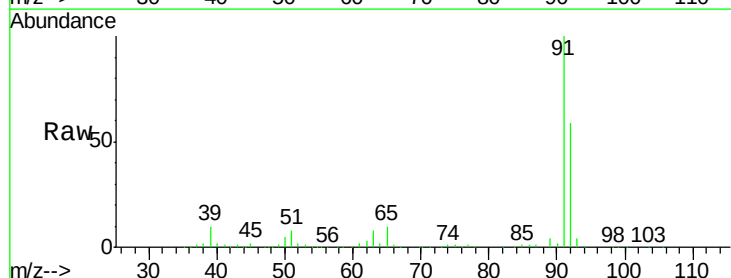
Acq: 14 Jan 2019 12:12

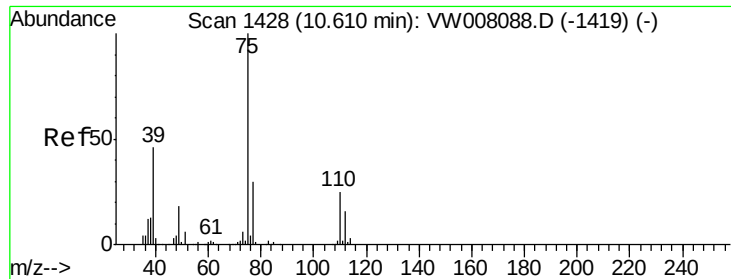
Tgt Ion: 92 Resp: 62555

Ion Ratio Lower Upper

92 100

91 176.1 137.0 205.4





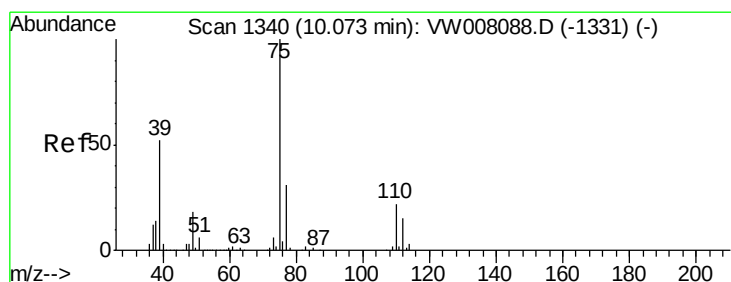
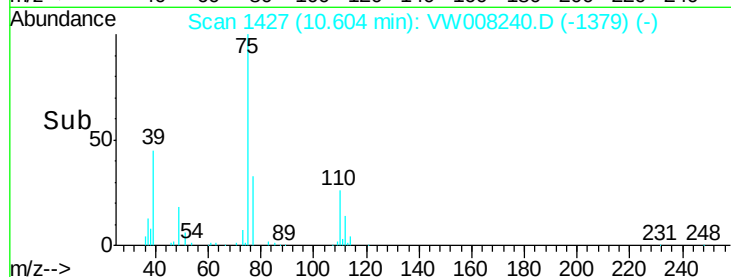
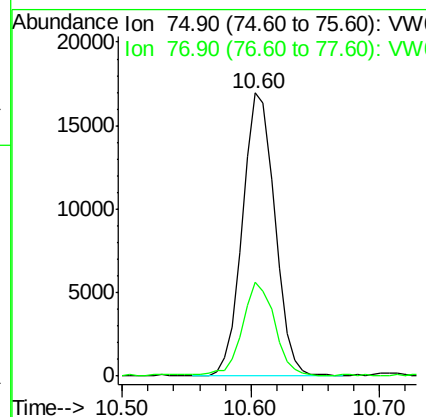
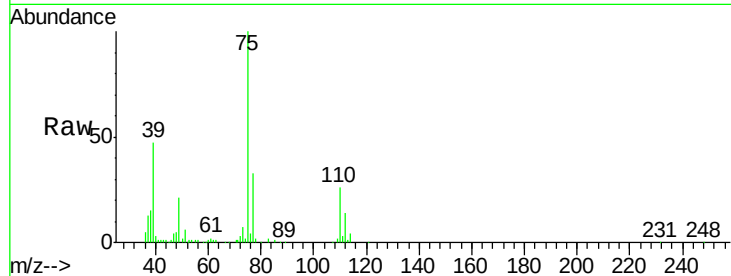
#53
 t-1,3-Dichloropropene
 Concen: 19.544 ug/l
 RT: 10.60 min Scan# 1427
 Delta R.T. -0.01 min
 Lab File: VW008240.D
 Acq: 14 Jan 2019 12:12

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0114SBS01

Tot Ion	Ratio	Lower	Upper
75	100		
77	32.8	24.4	36.6

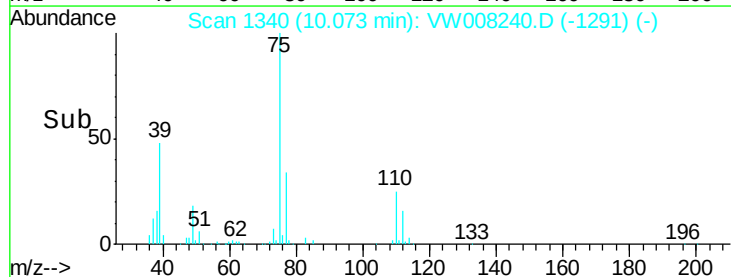
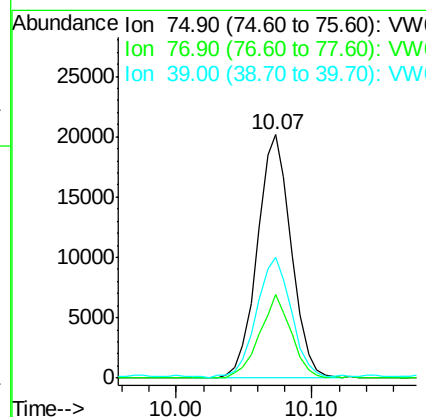
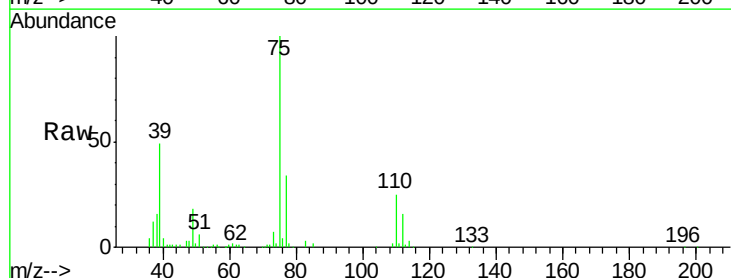
Manual Integrations
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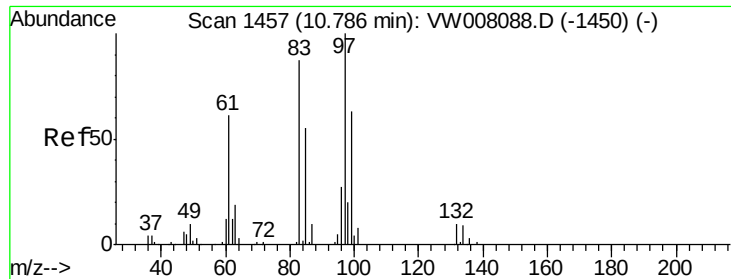
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#54
 cis-1,3-Dichloropropene
 Concen: 19.642 ug/l
 RT: 10.07 min Scan# 1340
 Delta R.T. 0.00 min
 Lab File: VW008240.D
 Acq: 14 Jan 2019 12:12

Tgt Ion	Ratio	Lower	Upper
75	100		
77	34.2	25.2	37.8
39	48.5	41.4	62.0





#55

1,1,2-Trichloroethane

Concen: 20.124 ug/l

RT: 10.79 min Scan# 1457

Delta R.T. 0.00 min

Lab File: VW008240.D

Acq: 14 Jan 2019 12:12

Instrument :

MSVOA_W

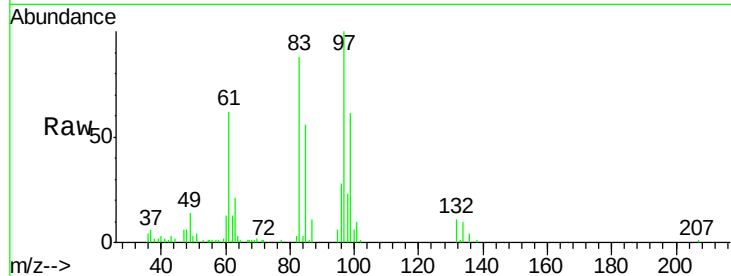
ClientSampled :

VW0114SBS01

Tot Ion:	97	Resp:	16160
Ion	Ratio	Lower	Upper
97	100		
83	88.1	69.3	103.9
85	56.5	43.8	65.6
99	61.2	50.0	75.0

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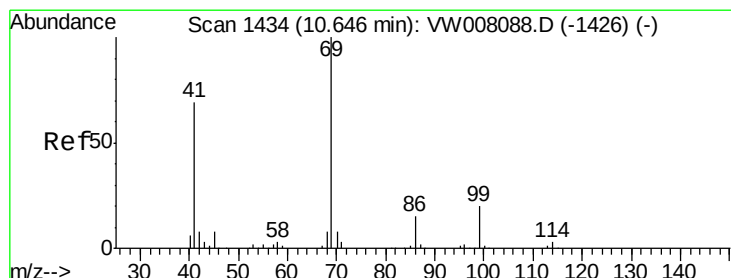
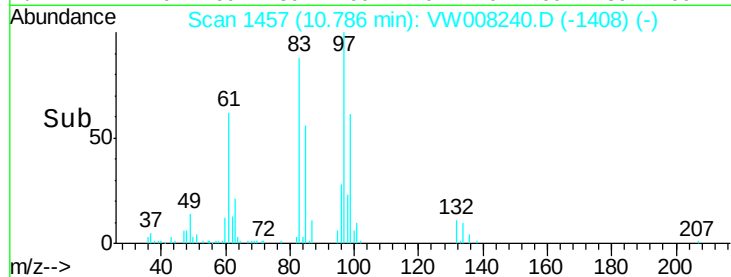
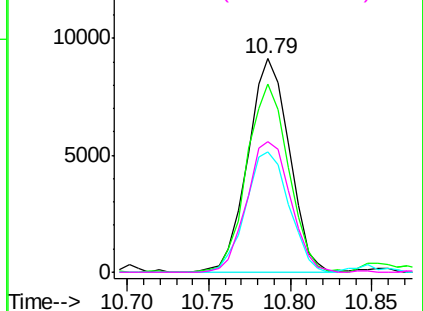


Abundance Ion 96.90 (96.60 to 97.60): VW

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: 18.860 ug/l

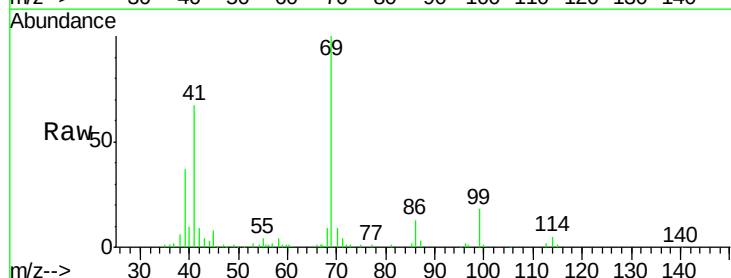
RT: 10.65 min Scan# 1434

Delta R.T. 0.00 min

Lab File: VW008240.D

Acq: 14 Jan 2019 12:12

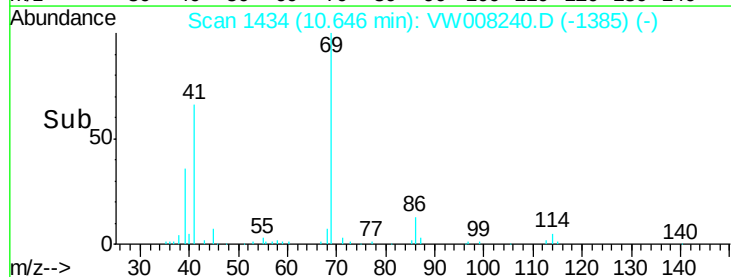
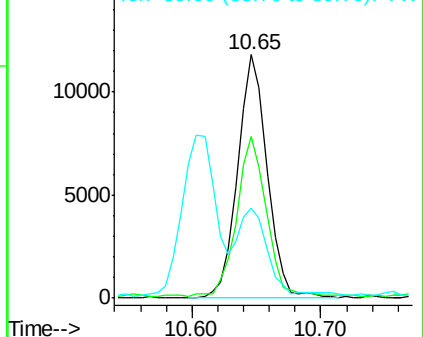
Tgt Ion:	69	Resp:	18756
Ion	Ratio	Lower	Upper
69	100		
41	66.3	56.4	84.6
39	33.8	28.1	42.1

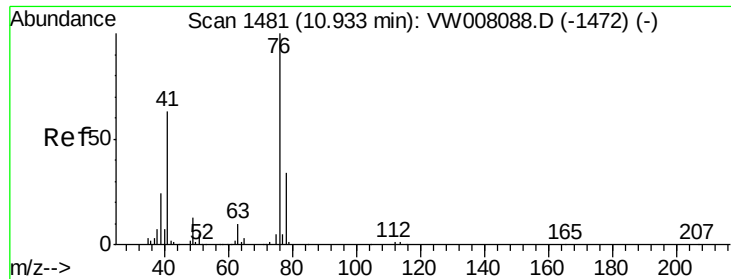


Abundance Ion 69.00 (68.70 to 69.70): VW

Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW





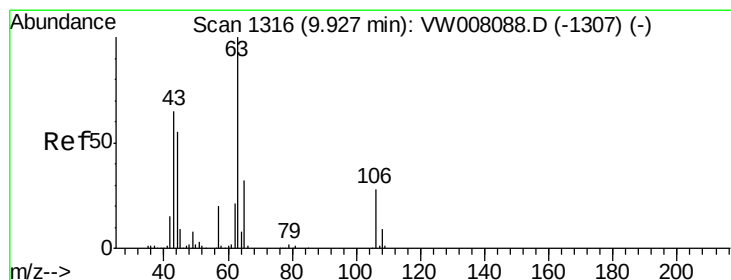
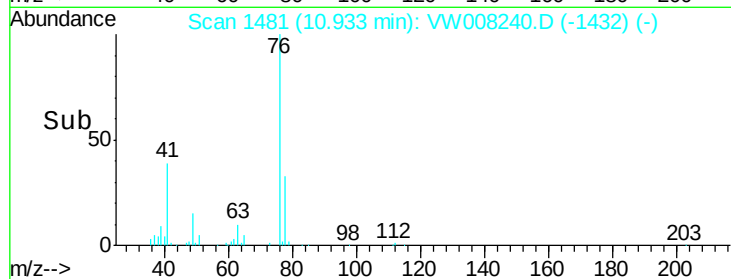
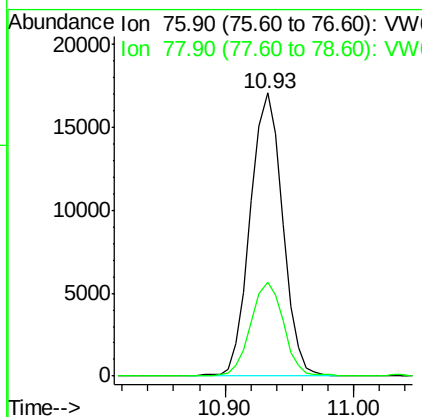
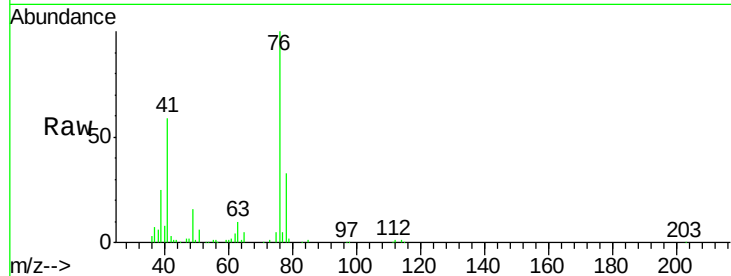
#57
 1,3-Dichloropropane
 Concen: 20.202 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. 0.00 min
 Lab File: VW008240.D
 Acq: 14 Jan 2019 12:12

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0114SBS01

Tot Ion: 76 Resp: 29670
 Ion Ratio Lower Upper
 76 100
 78 33.5 25.7 38.5

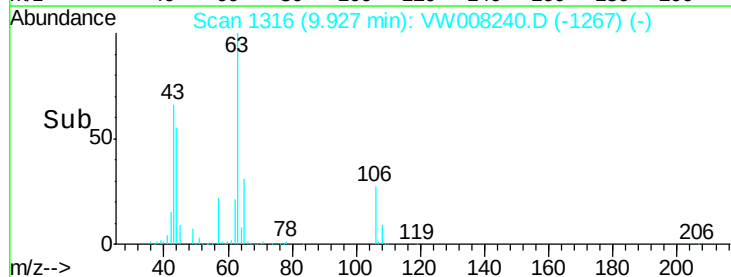
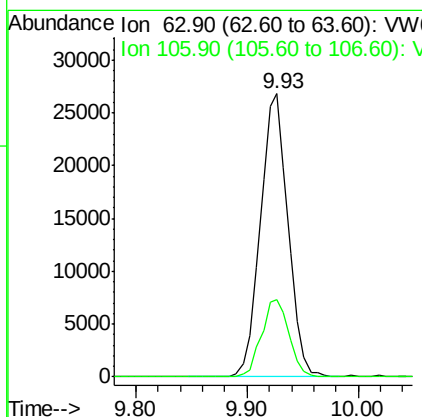
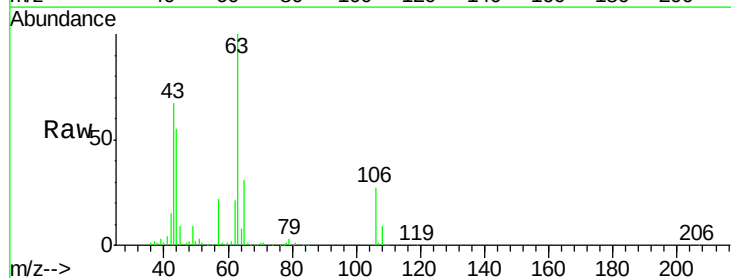
Manual Integrations
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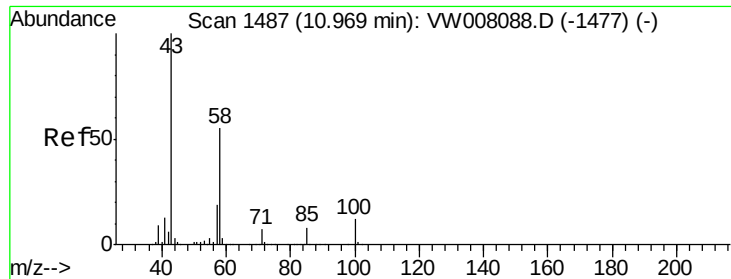
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#58
 2-Chloroethyl Vinyl ether
 Concen: 90.283 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VW008240.D
 Acq: 14 Jan 2019 12:12

Tgt Ion: 63 Resp: 46379
 Ion Ratio Lower Upper
 63 100
 106 27.5 21.8 32.6





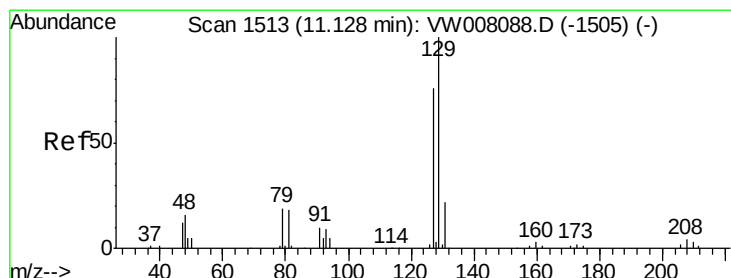
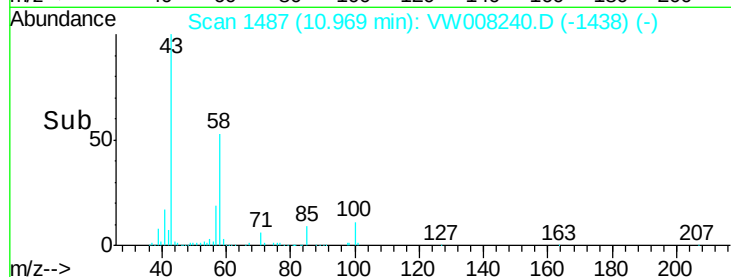
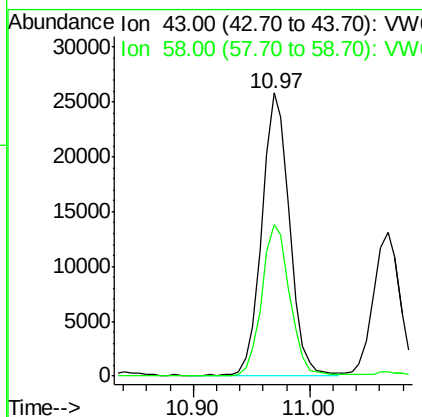
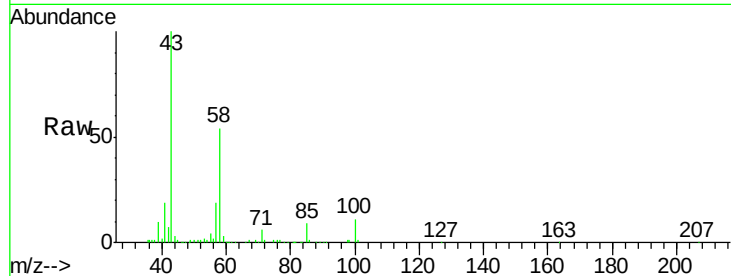
#59
2-Hexanone
Concen: 93.822 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VW008240.D
Acq: 14 Jan 2019 12:12

Instrument :
MSVOA_W
ClientSampleId :
VW0114SBS01

Tot Ion: 43 Resp: 42602
Ion Ratio Lower Upper
43 100
58 54.4 27.2 81.5

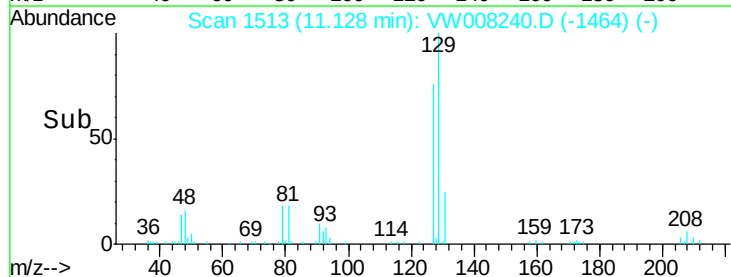
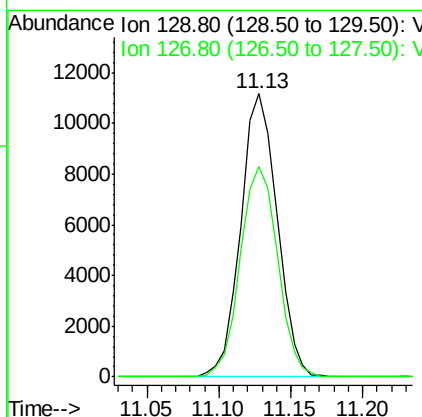
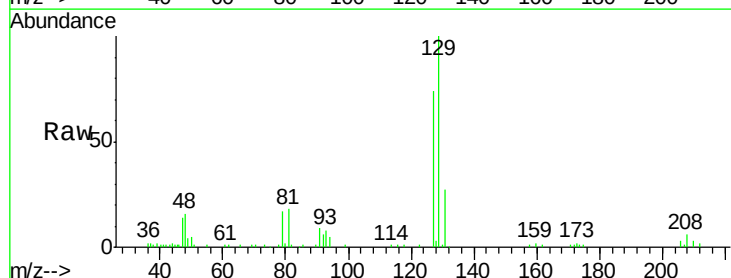
Manual Integrations
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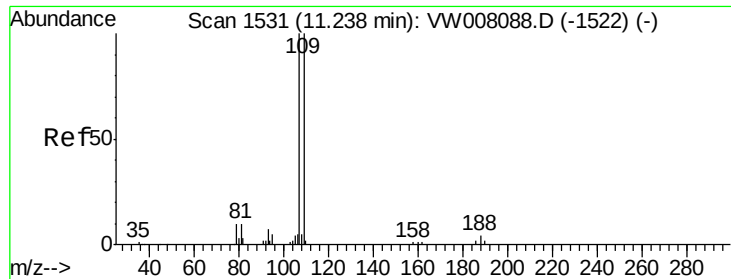
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#60
Dibromochloromethane
Concen: 22.239 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VW008240.D
Acq: 14 Jan 2019 12:12

Tgt Ion: 129 Resp: 19611
Ion Ratio Lower Upper
129 100
127 76.1 38.9 116.6





#61

1,2-Dibromoethane

Concen: 20.375 ug/l

RT: 11.24 min Scan# 1531

Delta R.T. 0.00 min

Lab File: VW008240.D

Acq: 14 Jan 2019 12:12

Instrument :

MSVOA_W

ClientSampleId :

VW0114SBS01

Tot Ion: 107 Resp: 15525

Ion Ratio Lower Upper

107 100

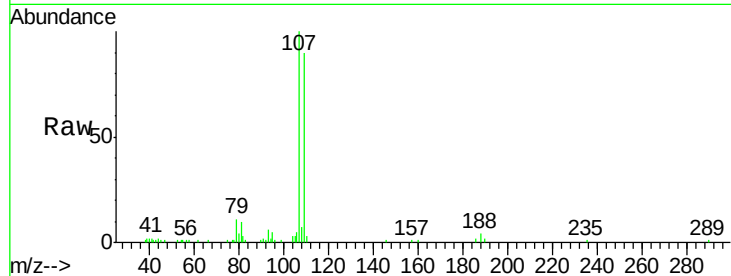
109 95.1 75.9 113.9

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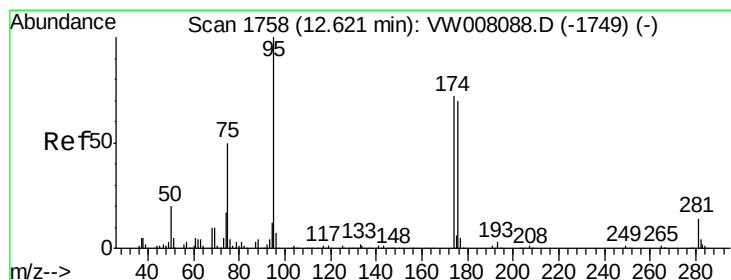
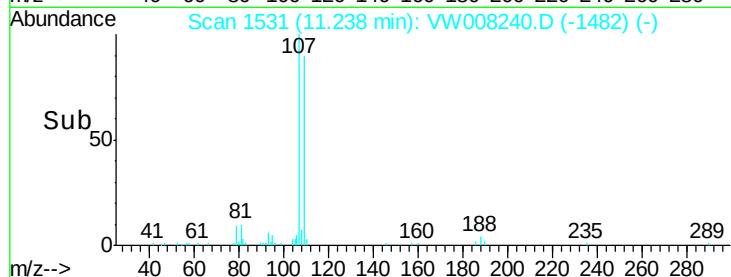
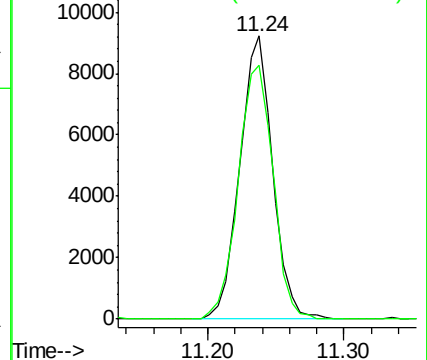
apatel

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 47.581 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW008240.D

Acq: 14 Jan 2019 12:12

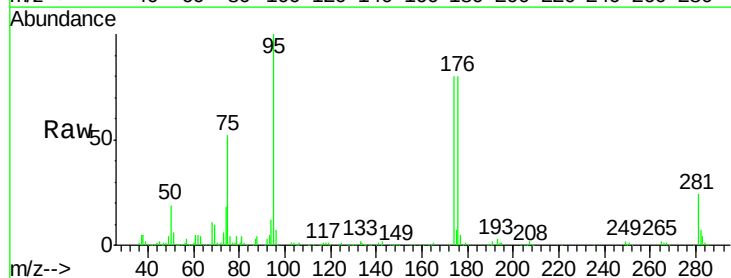
Tgt Ion: 95 Resp: 70186

Ion Ratio Lower Upper

95 100

174 79.5 0.0 143.0

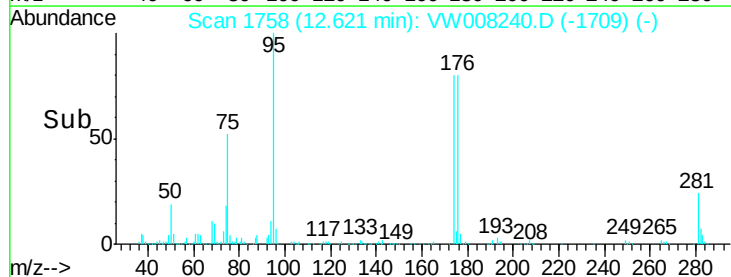
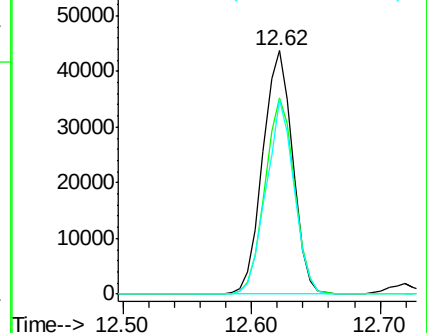
176 75.1 0.0 140.2

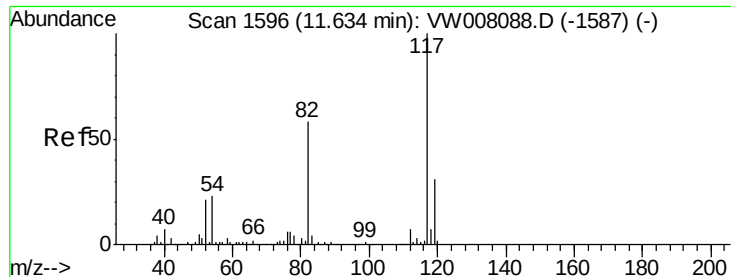


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





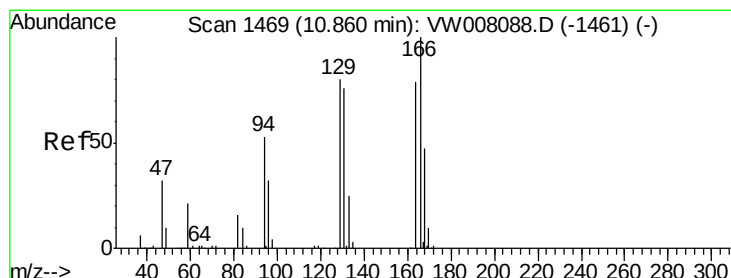
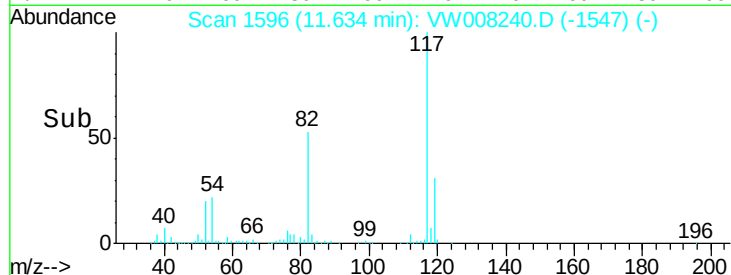
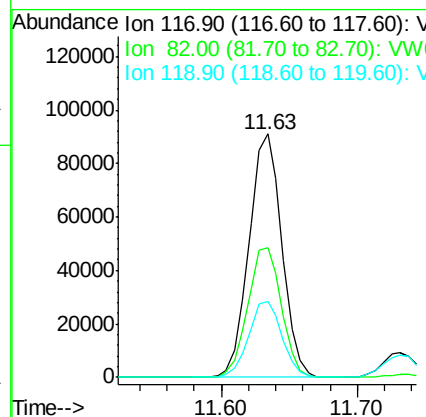
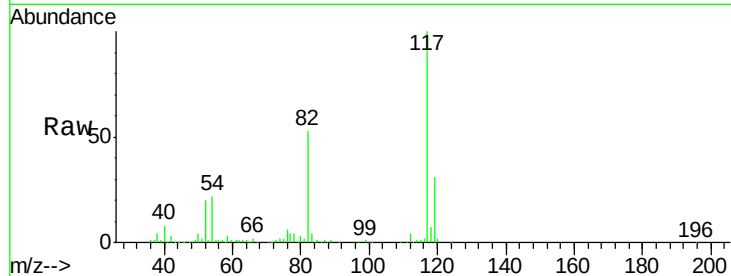
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW008240.D
Acq: 14 Jan 2019 12:12

Instrument :
MSVOA_W
ClientSampleId :
VW0114SBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.3	46.4	69.6
119	30.9	24.7	37.1

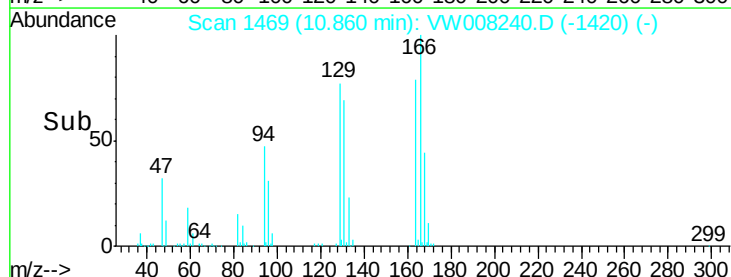
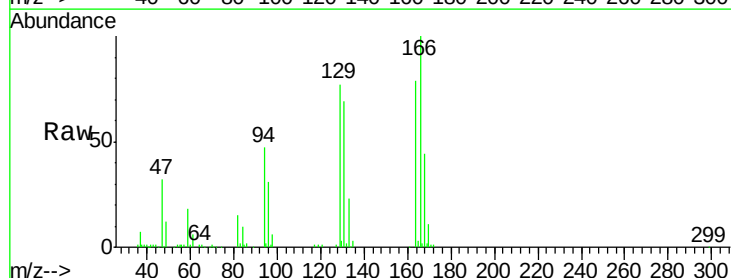
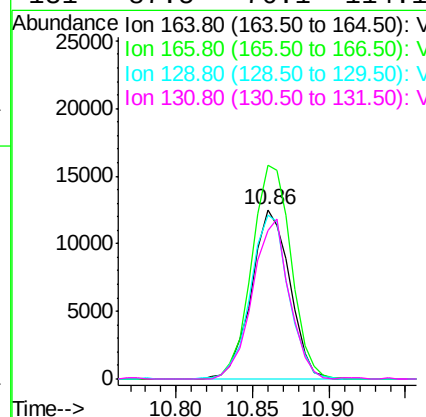
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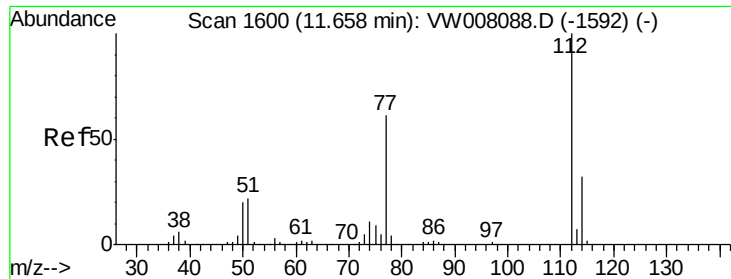
apatel
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#64
Tetrachloroethene
Concen: 21.835 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VW008240.D
Acq: 14 Jan 2019 12:12

Tgt Ion	Ratio	Lower	Upper
164	100		
166	126.0	100.7	151.1
129	96.8	81.0	121.4
131	87.5	76.1	114.1





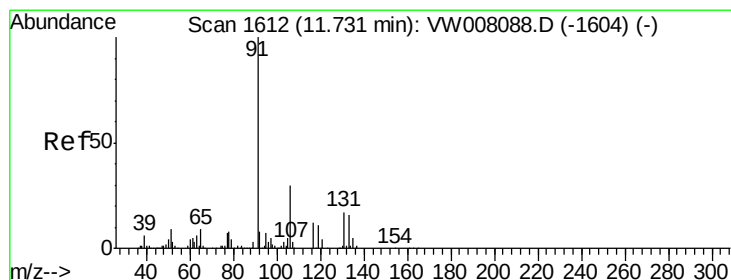
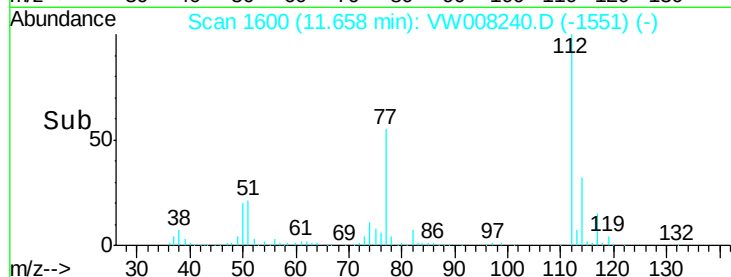
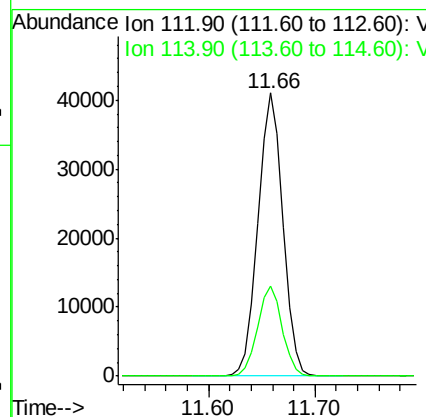
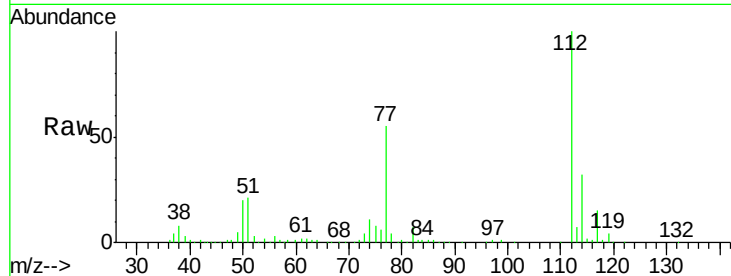
#65
Chlorobenzene
Concen: 20.711 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VW008240.D
Acq: 14 Jan 2019 12:12

Instrument :
MSVOA_W
ClientSampleId :
VW0114SBS01

Tot Ion:112 Resp: 67399
Ion Ratio Lower Upper
112 100
114 32.0 25.6 38.4

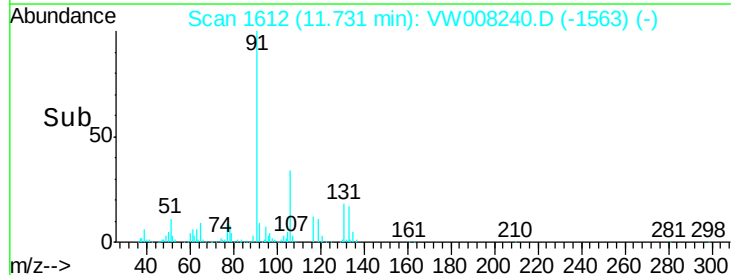
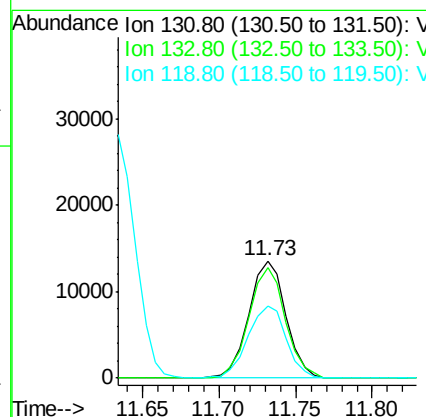
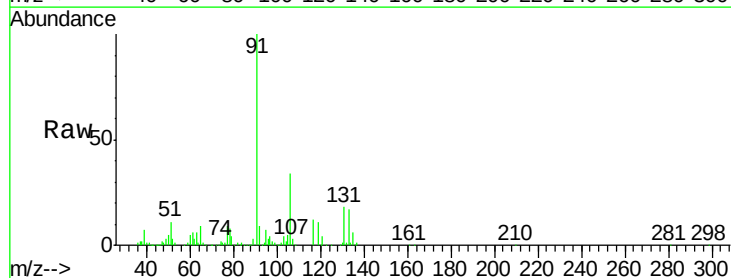
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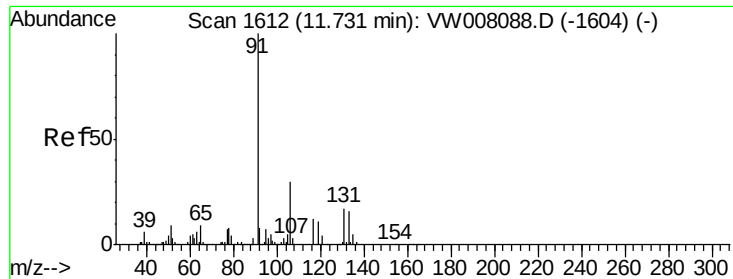
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#66
1,1,1,2-Tetrachloroethane
Concen: 21.497 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW008240.D
Acq: 14 Jan 2019 12:12

Tgt Ion:131 Resp: 22754
Ion Ratio Lower Upper
131 100
133 93.5 47.9 143.7
119 63.9 32.5 97.4





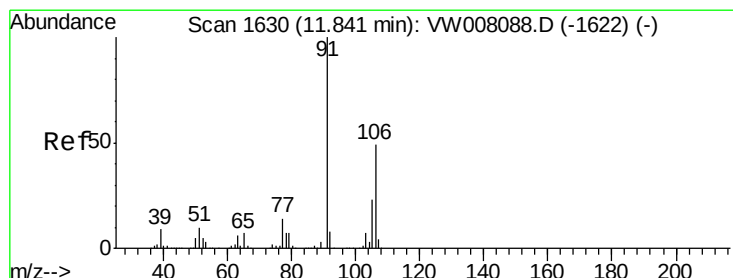
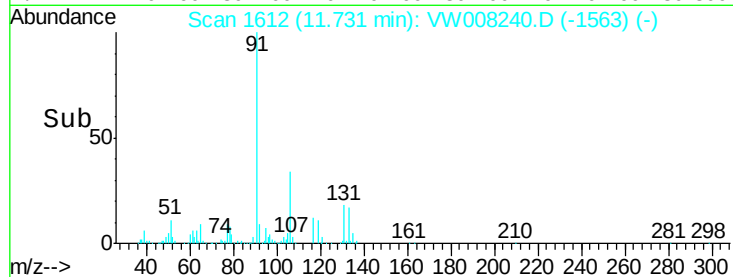
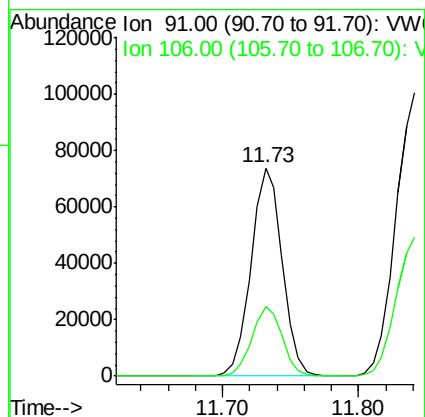
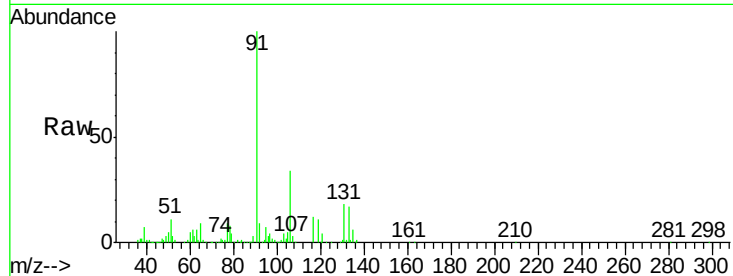
#67
Ethyl Benzene
Concen: 19.910 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW008240.D
Acq: 14 Jan 2019 12:12

Instrument :
MSVOA_W
ClientSampled :
VW0114SBS01

Tot Ion: 91 Resp: 118557
Ion Ratio Lower Upper
91 100
106 33.7 24.2 36.4

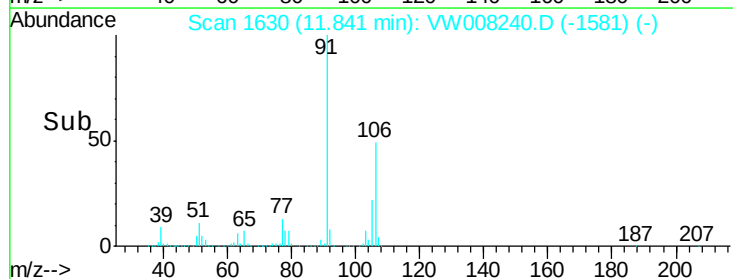
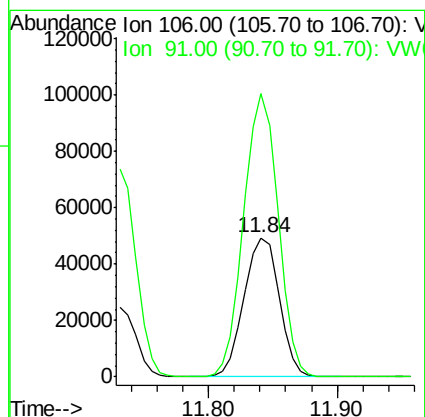
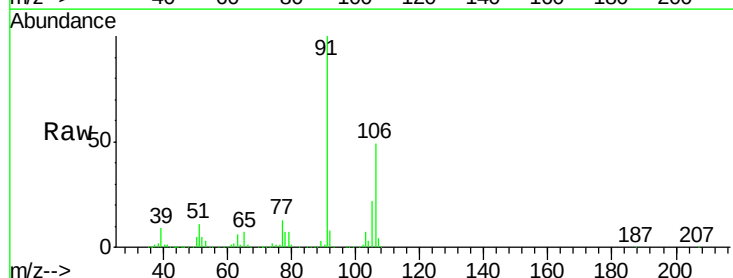
Manual Integrations
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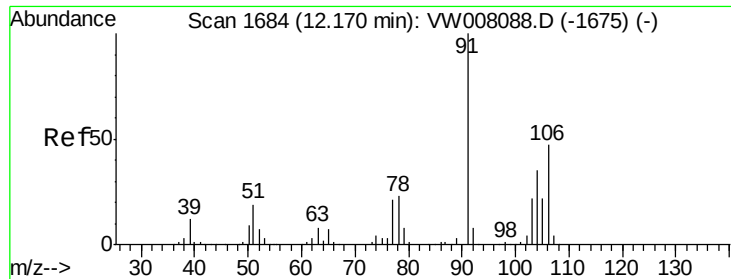
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#68
m/p-Xylenes
Concen: 41.020 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VW008240.D
Acq: 14 Jan 2019 12:12

Tgt Ion: 106 Resp: 93228
Ion Ratio Lower Upper
106 100
91 199.5 162.4 243.6





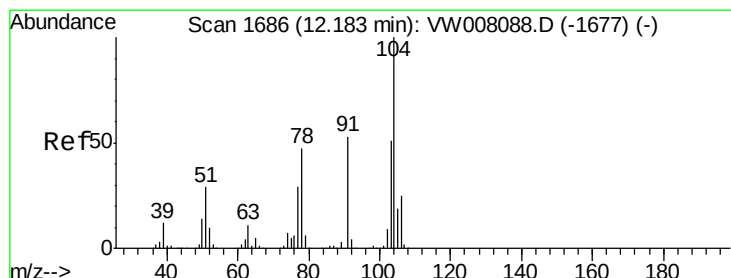
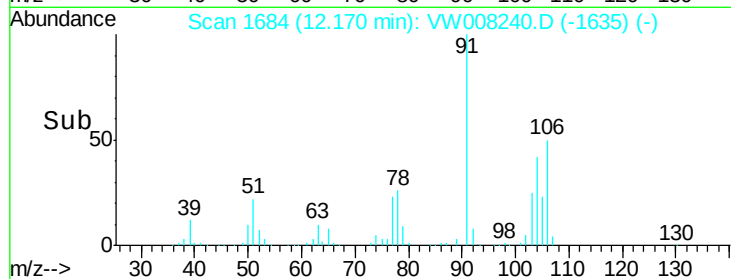
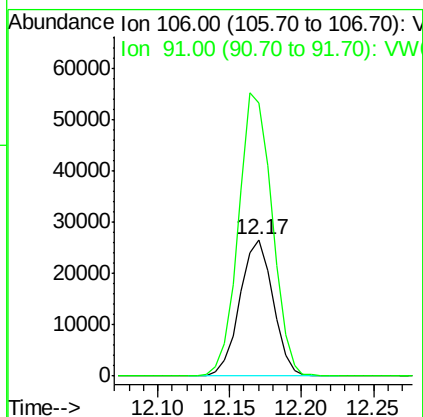
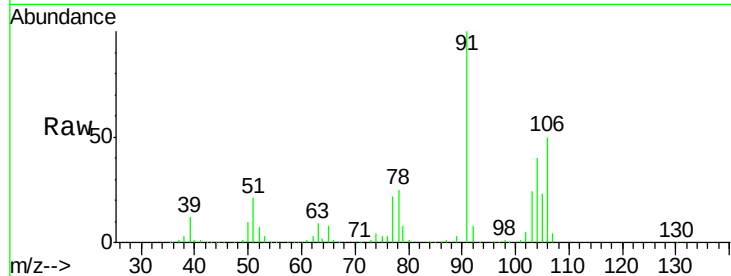
#69
o-Xylene
Concen: 20.286 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW008240.D
Acq: 14 Jan 2019 12:12

Instrument :
MSVOA_W
ClientSampleId :
VW0114SBS01

Tot Ion:106 Resp: 42696
Ion Ratio Lower Upper
106 100
91 210.0 107.8 323.6

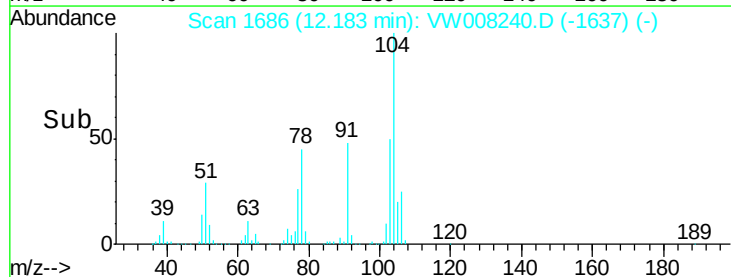
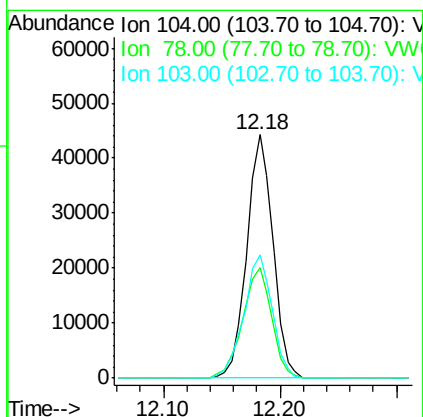
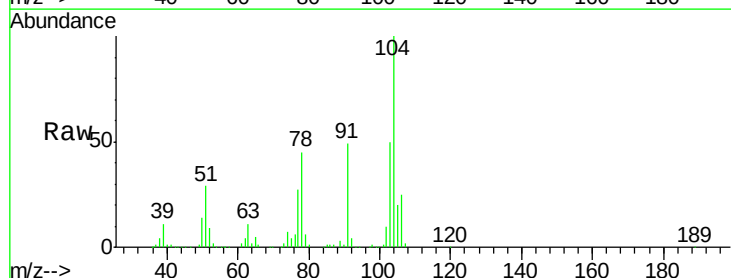
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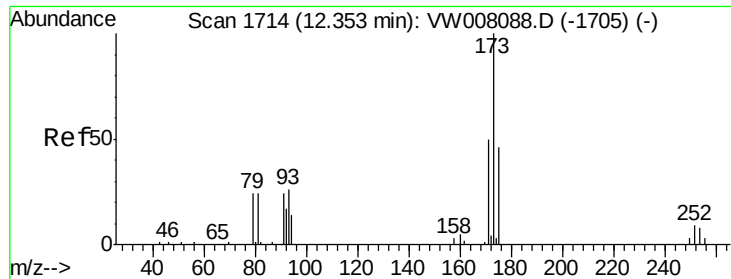
apatel
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#70
Styrene
Concen: 21.127 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW008240.D
Acq: 14 Jan 2019 12:12

Tgt Ion:104 Resp: 69646
Ion Ratio Lower Upper
104 100
78 50.0 41.8 62.8
103 54.7 43.8 65.8





#71

Bromoform

Concen: 22.819 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. 0.00 min

Lab File: VW008240.D

Acq: 14 Jan 2019 12:12

Instrument :

MSVOA_W

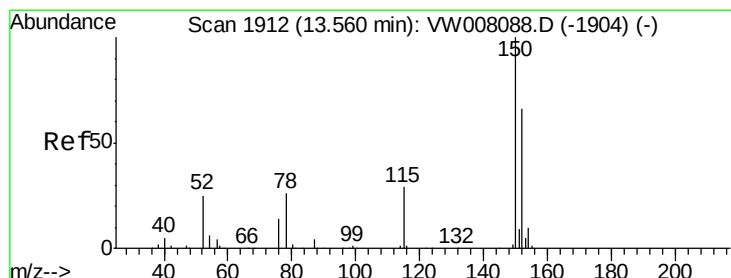
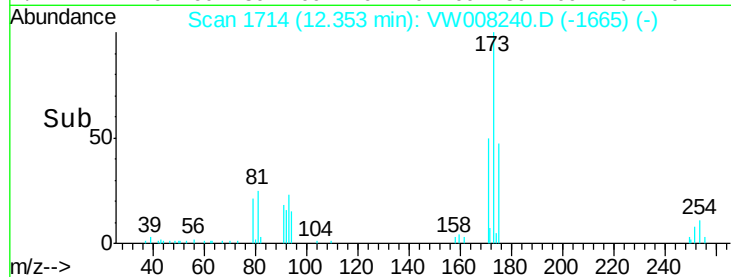
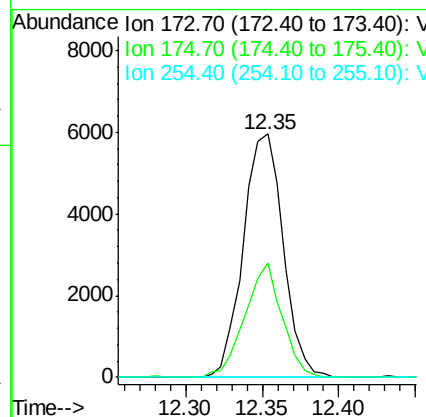
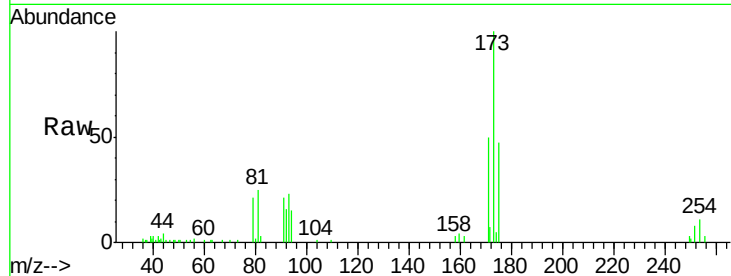
ClientSampleId :

VW0114SBS01

Tot Ion:	173	Resp:	10810
Ion Ratio	Lower	Upper	
173	100		
175	43.4	23.3	69.8
254	0.0	0.0	0.0

Manual Integrations
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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

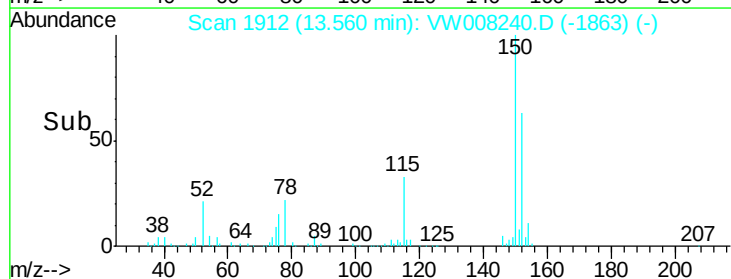
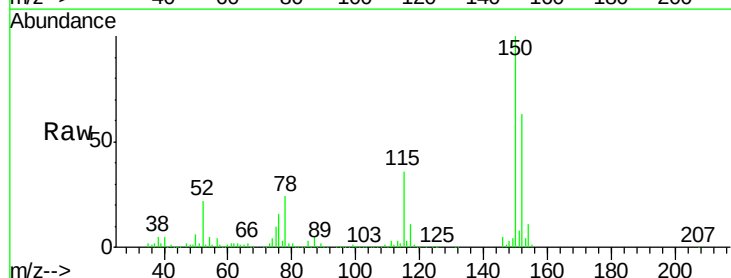
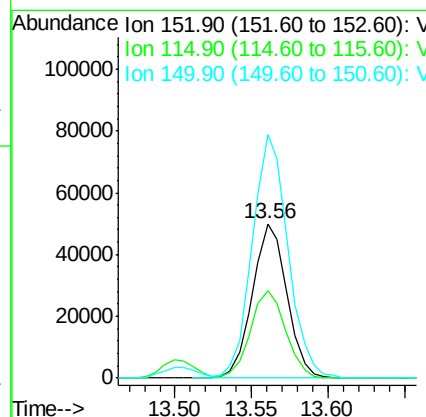
RT: 13.56 min Scan# 1912

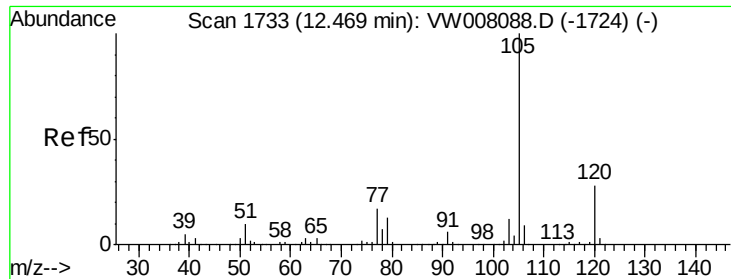
Delta R.T. 0.00 min

Lab File: VW008240.D

Acq: 14 Jan 2019 12:12

Tgt Ion:	152	Resp:	77868
Ion Ratio	Lower	Upper	
152	100		
115	58.1	30.8	92.4
150	164.3	0.0	350.2





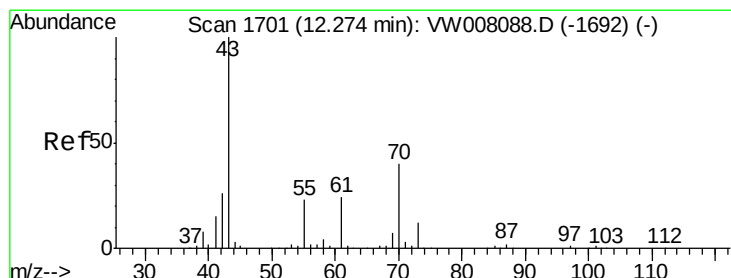
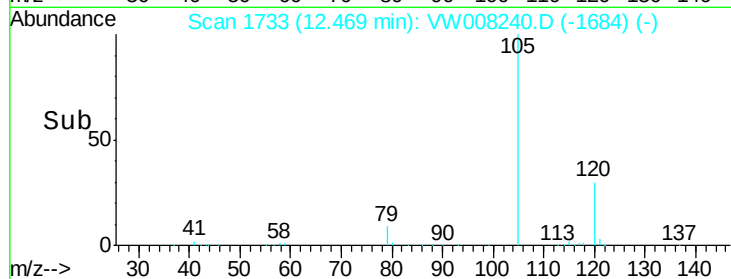
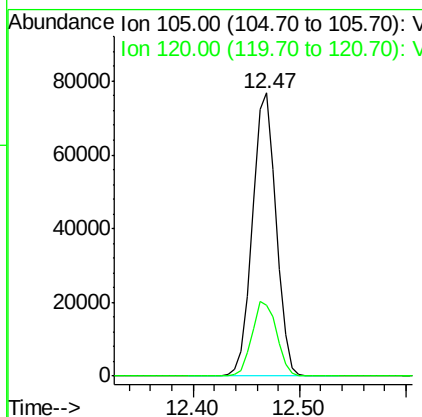
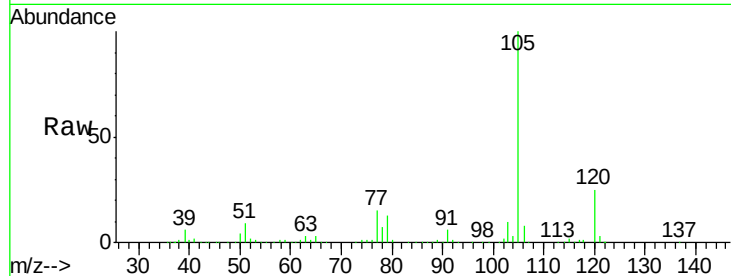
#73
Isopropylbenzene
Concen: 19.583 ug/l
RT: 12.47 min Scan# 1733
Delta R.T. 0.00 min
Lab File: VW008240.D
Acq: 14 Jan 2019 12:12

Instrument :
MSVOA_W
ClientSampleId :
VW0114SBS01

Tot Ion: 105 Resp: 119718
Ion Ratio Lower Upper
105 100
120 27.4 13.6 40.8

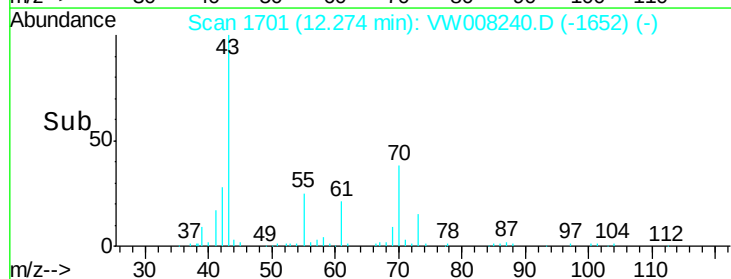
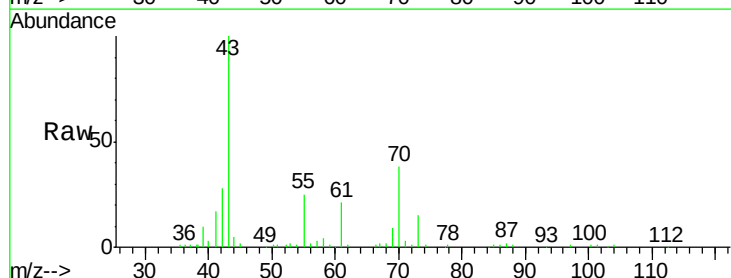
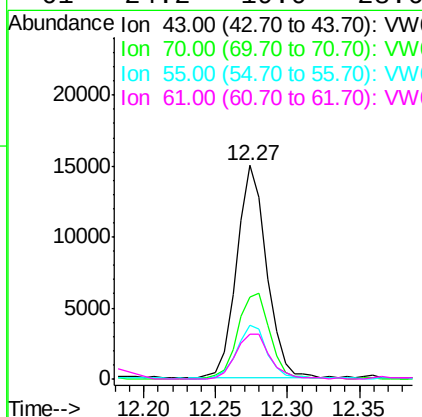
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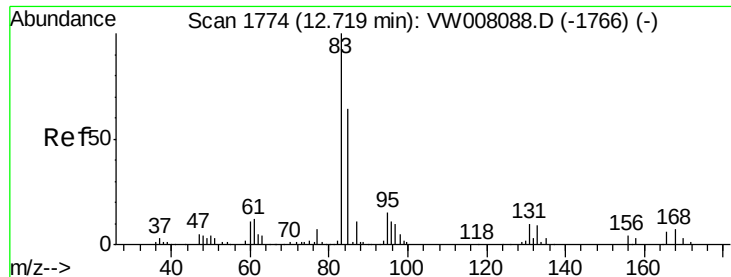
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#74
N-ethyl acetate
Concen: 16.012 ug/l
RT: 12.27 min Scan# 1701
Delta R.T. 0.00 min
Lab File: VW008240.D
Acq: 14 Jan 2019 12:12

Tgt Ion: 43 Resp: 21678
Ion Ratio Lower Upper
43 100
70 43.9 32.4 48.6
55 26.8 18.7 28.1
61 24.2 19.0 28.6





#75

1,1,2,2-Tetrachloroethane

Concen: 18.937 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. 0.00 min

Lab File: VW008240.D

Acq: 14 Jan 2019 12:12

Instrument :

MSVOA_W

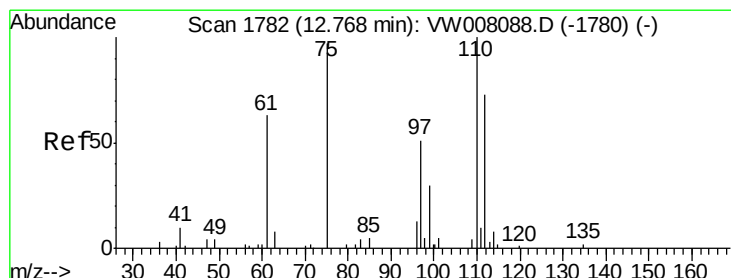
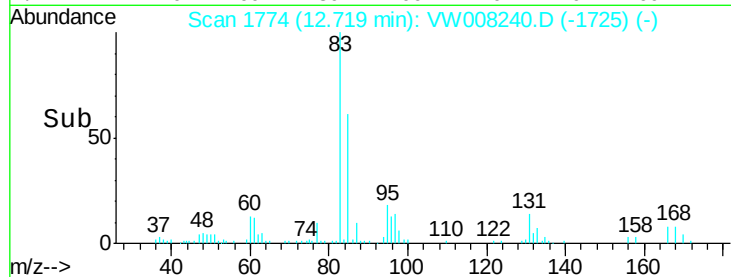
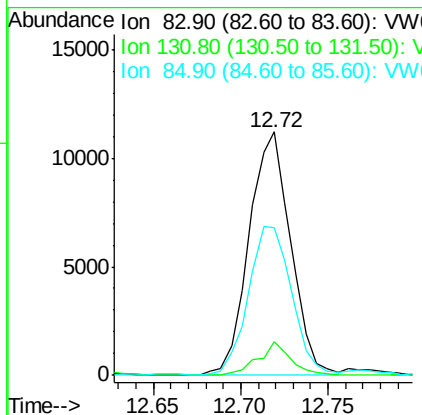
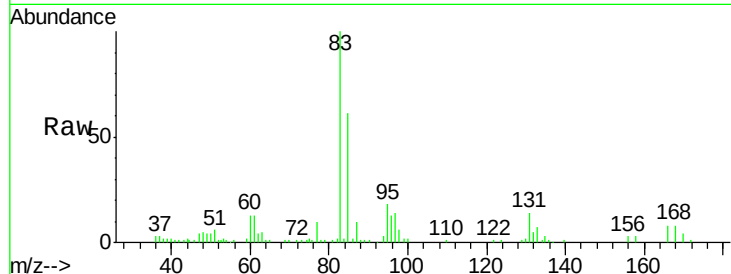
ClientSampled :

VW0114SBS01

Tot Ion:	83	Resp:	18530
Ion Ratio	Lower	Upper	
83	100		
131	10.9	5.3	16.1
85	63.5	32.4	97.2

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#76

1,2,3-Trichloropropane

Concen: 22.354 ug/l m

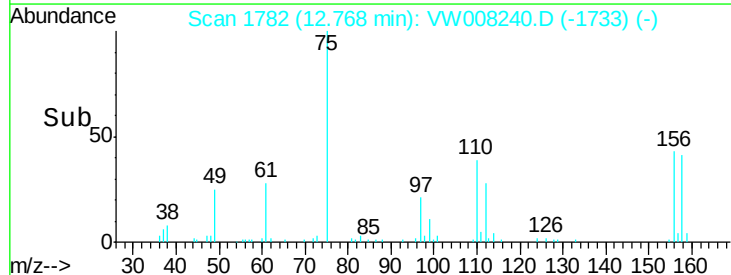
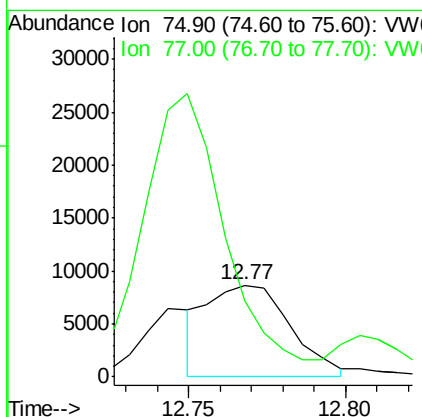
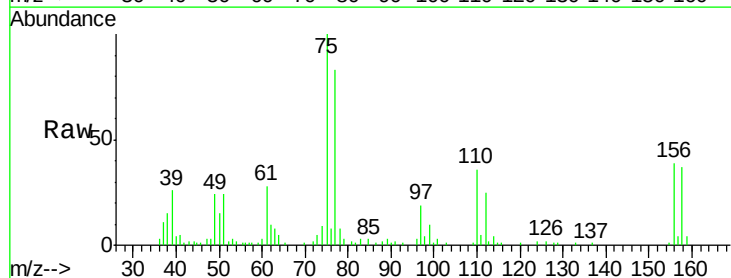
RT: 12.77 min Scan# 1782

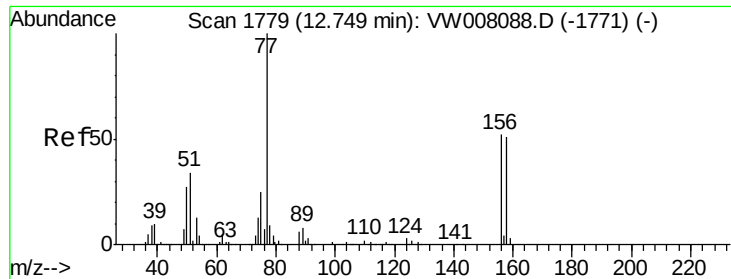
Delta R.T. 0.00 min

Lab File: VW008240.D

Acq: 14 Jan 2019 12:12

Tgt Ion:	75	Resp:	15868
Ion Ratio	Lower	Upper	
75	100		
77	309.0	179.4	538.2





#77

Bromobenzene

Concen: 20.402 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VW008240.D

Acq: 14 Jan 2019 12:12

Instrument :

MSVOA_W

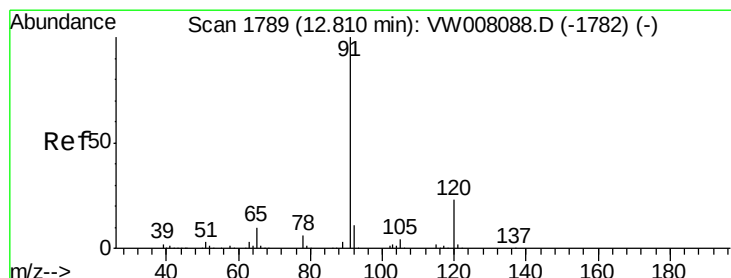
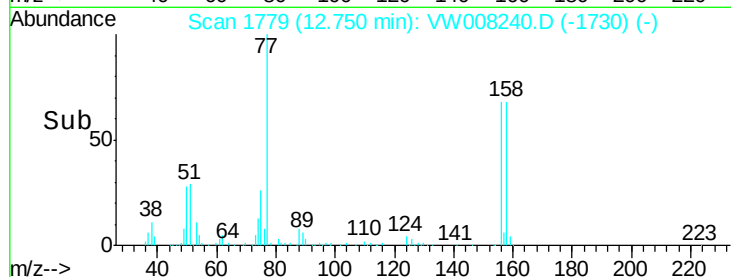
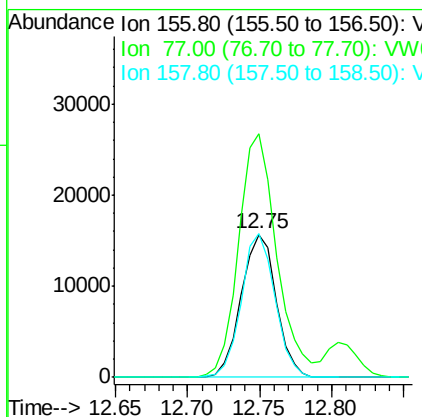
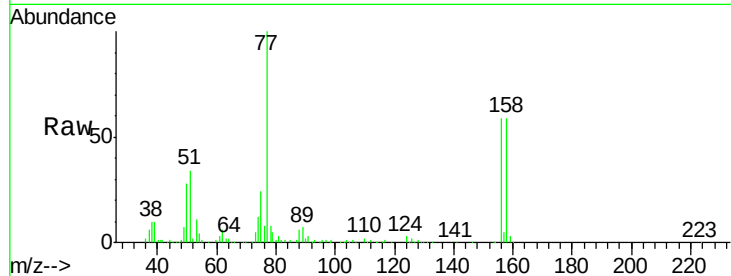
ClientSampleId :

VW0114SBS01

Tot Ion	Ratio	Lower	Upper
156	100		
77	186.0	104.2	312.5
158	97.2	47.9	143.6

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#78

n-propylbenzene

Concen: 19.525 ug/l

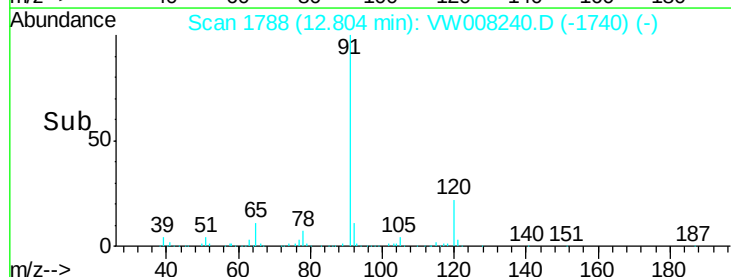
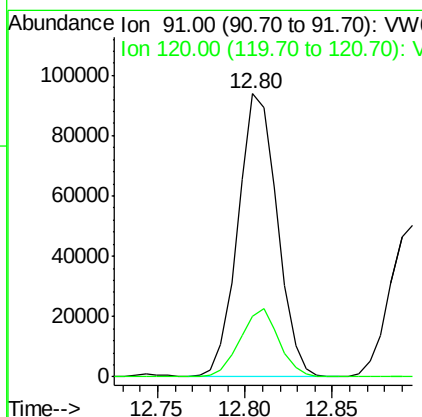
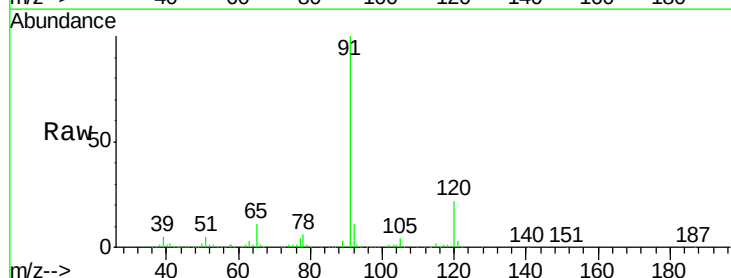
RT: 12.80 min Scan# 1788

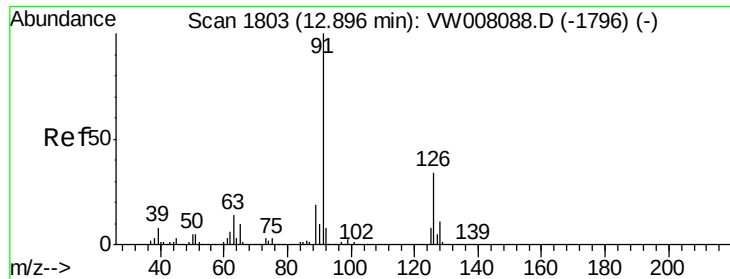
Delta R.T. -0.01 min

Lab File: VW008240.D

Acq: 14 Jan 2019 12:12

Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.8	11.3	33.8





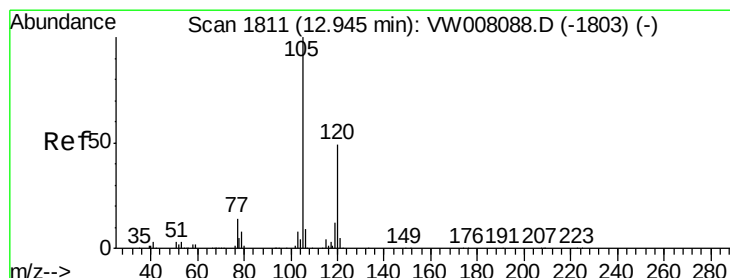
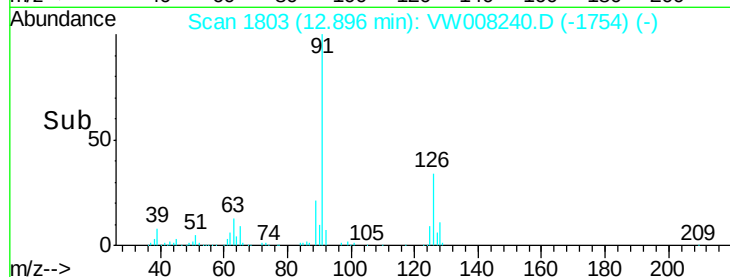
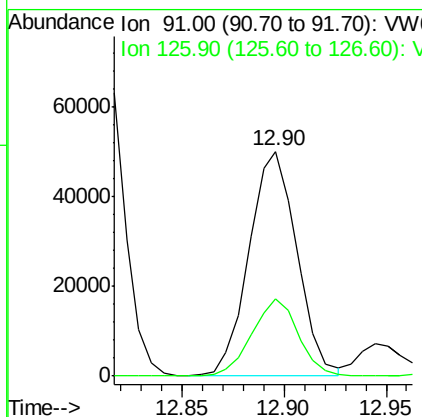
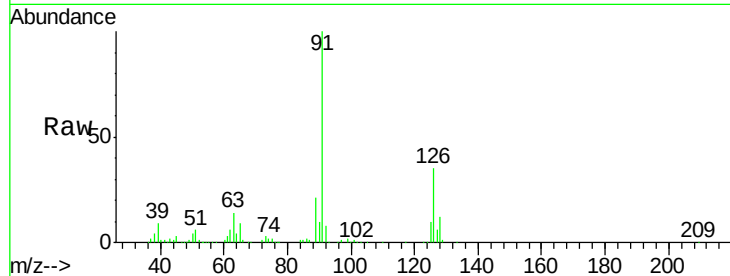
#79
2-Chlorotoluene
Concen: 19.542 ug/l
RT: 12.90 min Scan# 1803
Delta R.T. 0.00 min
Lab File: VW008240.D
Acq: 14 Jan 2019 12:12

Instrument :
MSVOA_W
ClientSampleId :
VW0114SBS01

Tot Ion: 91 Resp: 81667
Ion Ratio Lower Upper
91 100
126 33.6 16.8 50.3

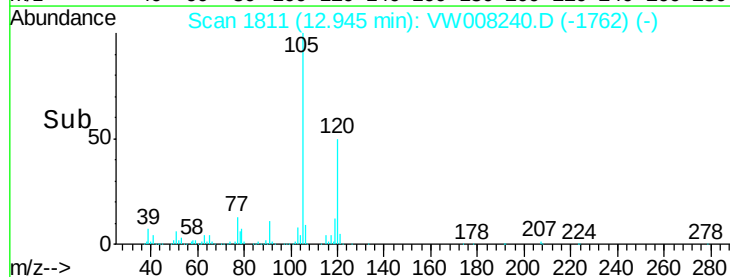
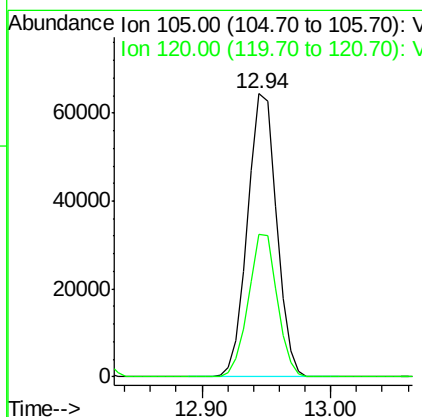
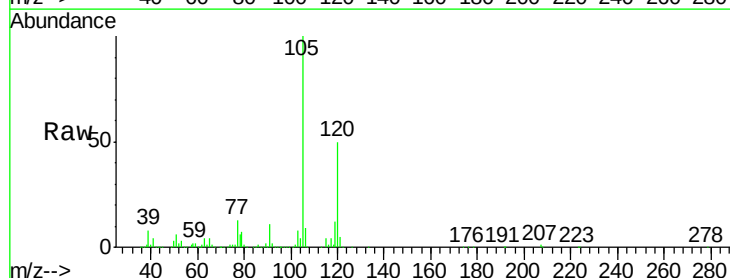
Manual Integrations
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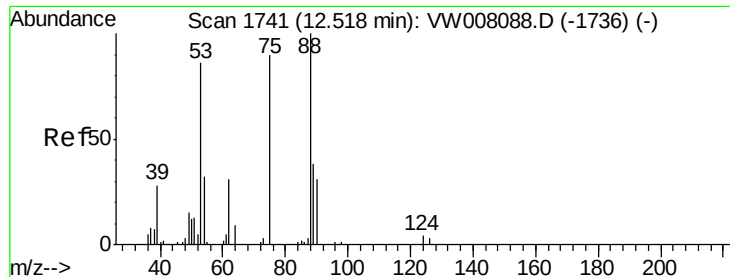
apatel
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#80
1,3,5-Trimethylbenzene
Concen: 19.855 ug/l
RT: 12.94 min Scan# 1811
Delta R.T. 0.00 min
Lab File: VW008240.D
Acq: 14 Jan 2019 12:12

Tgt Ion:105 Resp: 99745
Ion Ratio Lower Upper
105 100
120 50.1 24.7 74.1





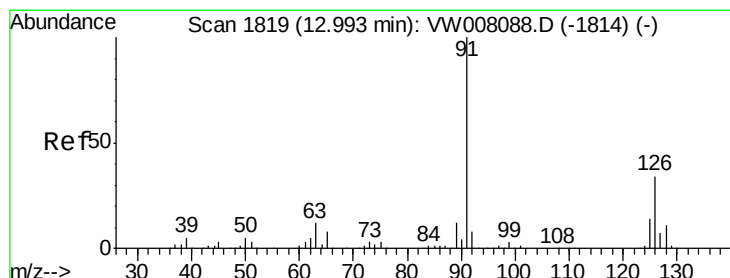
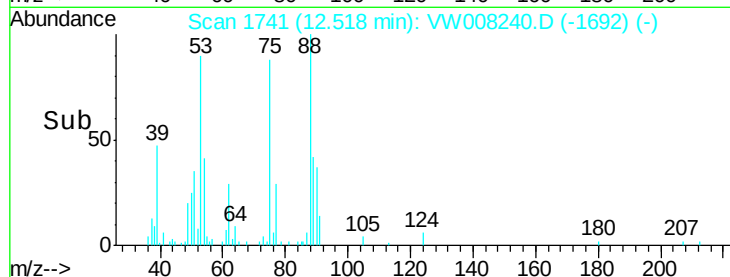
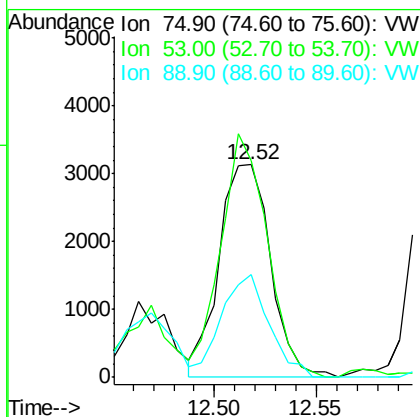
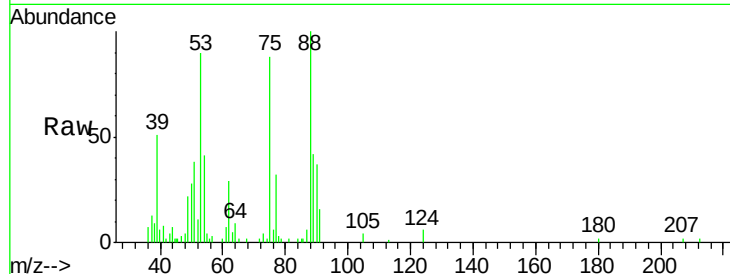
#81
trans-1,4-Dichloro-2-butene
Concen: 17.977 ug/l
RT: 12.52 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VW008240.D
Acq: 14 Jan 2019 12:12

Instrument :
MSVOA_W
ClientSampleId :
VW0114SBS01

Tot Ion	Ratio	Lower	Upper
75	100		
53	103.0	78.8	118.2
89	45.1	35.4	53.2

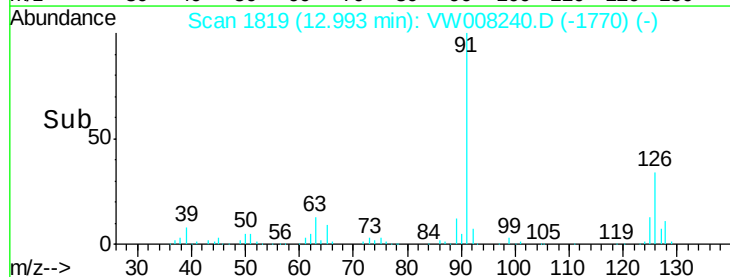
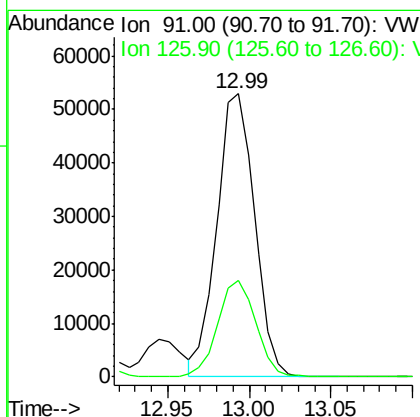
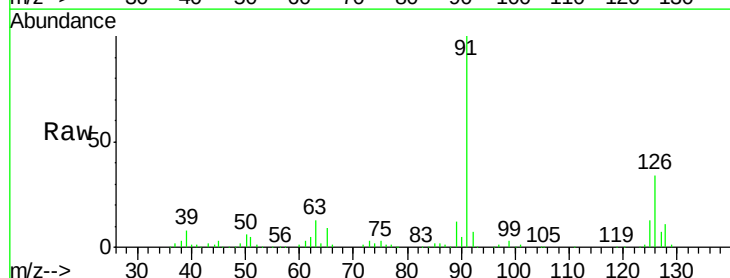
Manual Integrations
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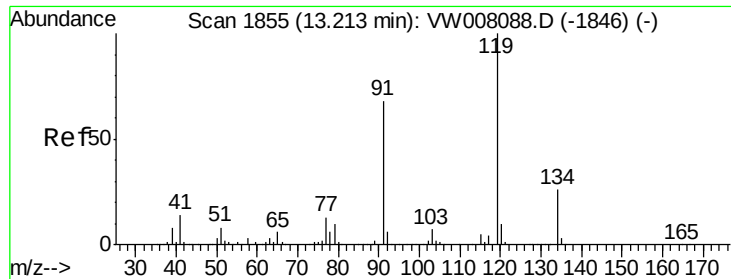
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#82
4-Chlorotoluene
Concen: 19.415 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. 0.00 min
Lab File: VW008240.D
Acq: 14 Jan 2019 12:12

Tgt Ion	Ratio	Lower	Upper
91	100		
126	34.5	16.5	49.5





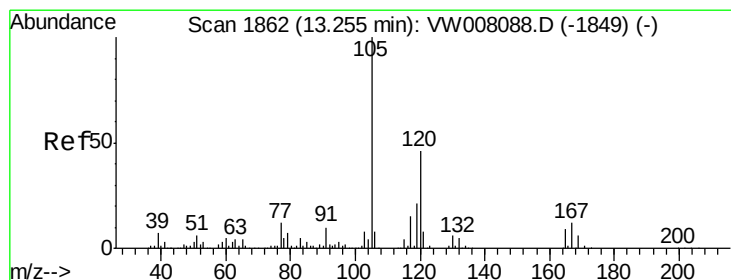
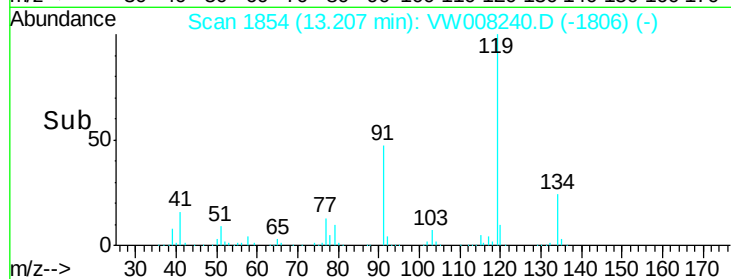
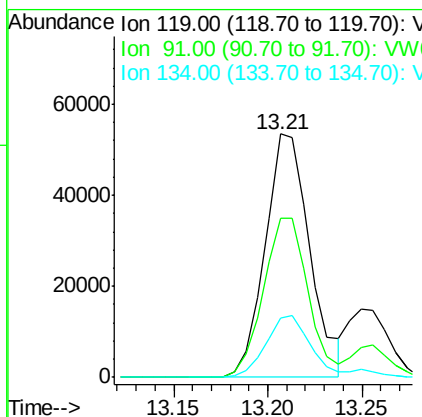
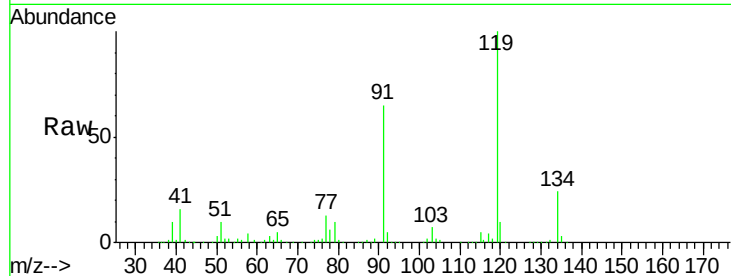
#83
tert-Butylbenzene
Concen: 19.868 ug/l
RT: 13.21 min Scan# 1854
Delta R.T. -0.01 min
Lab File: VW008240.D
Acq: 14 Jan 2019 12:12

Instrument :
MSVOA_W
ClientSampleId :
VW0114SBS01

Tot Ion	Ratio	Lower	Upper
119	100		
91	65.2	33.9	101.6
134	25.5	13.6	40.8

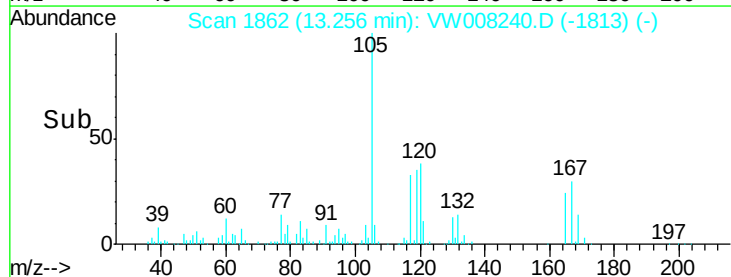
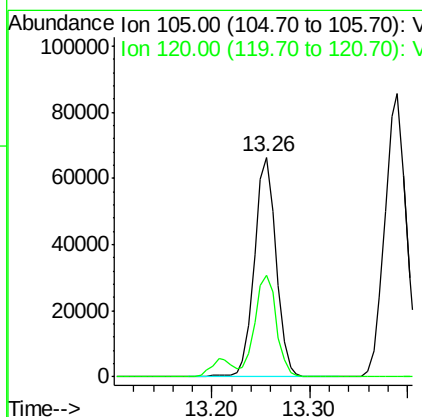
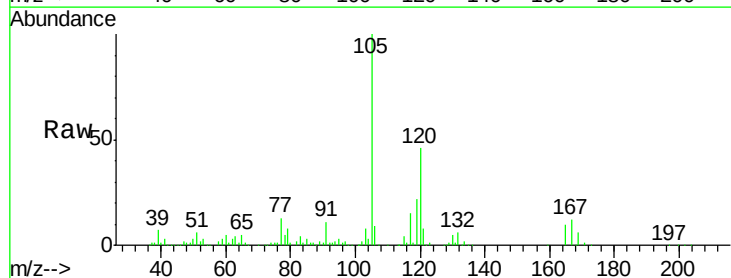
Manual Integrations
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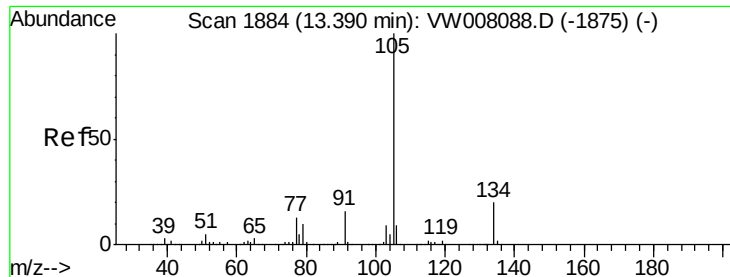
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#84
1,2,4-Trimethylbenzene
Concen: 19.714 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. 0.00 min
Lab File: VW008240.D
Acq: 14 Jan 2019 12:12

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.5	22.7	68.1





#85

sec-Butylbenzene

Concen: 19.897 ug/l

RT: 13.39 min Scan# 1884

Delta R.T. 0.00 min

Lab File: VW008240.D

Acq: 14 Jan 2019 12:12

Instrument :

MSVOA_W

ClientSampleId :

VW0114SBS01

Tot Ion:105 Resp: 129536

Ion Ratio Lower Upper

105 100

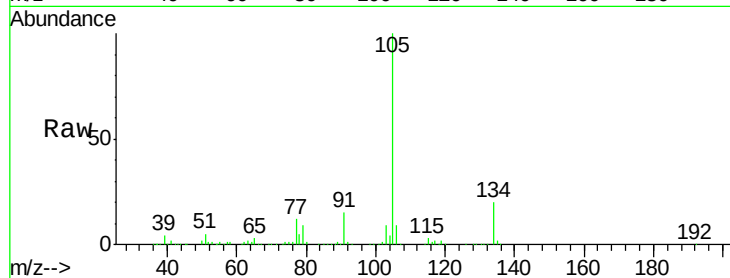
134 20.5 10.1 30.1

Manual Integrations

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

100000

80000

60000

40000

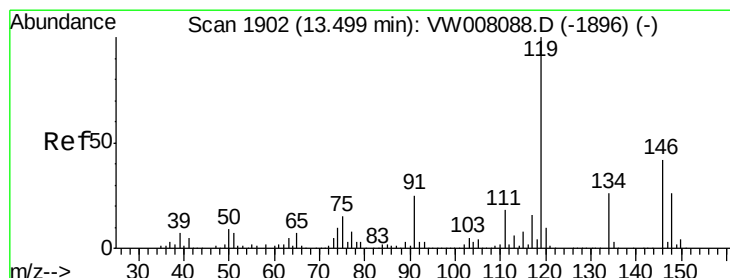
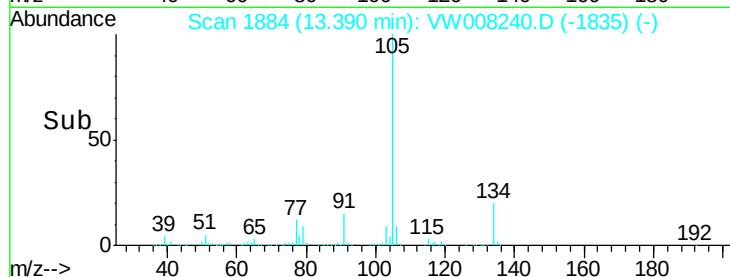
20000

0

13.30

13.40

Time-->



#86

p-Isopropyltoluene

Concen: 19.838 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. 0.00 min

Lab File: VW008240.D

Acq: 14 Jan 2019 12:12

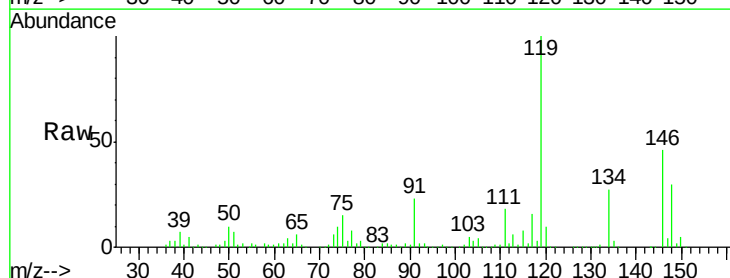
Tgt Ion:119 Resp: 111528

Ion Ratio Lower Upper

119 100

134 27.8 13.3 39.8

91 23.6 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

100000

80000

60000

40000

20000

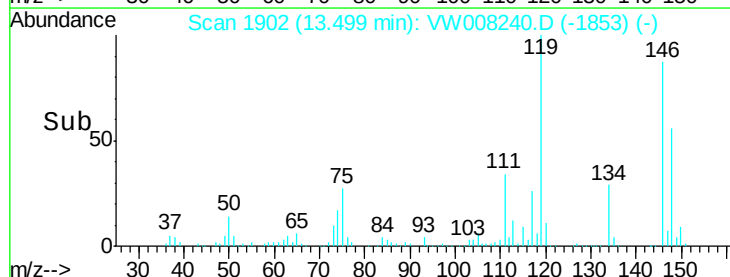
0

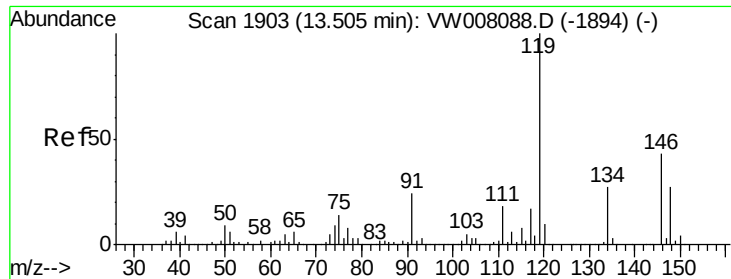
13.45

13.50

13.55

Time-->





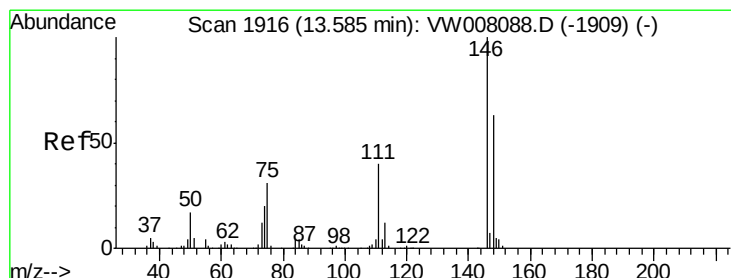
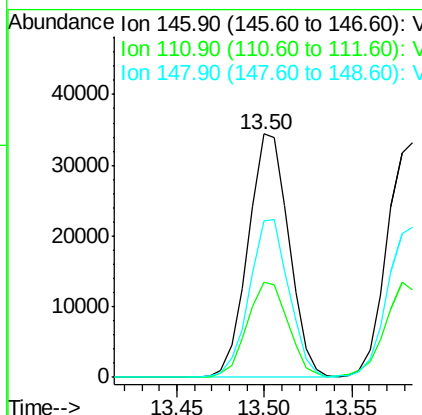
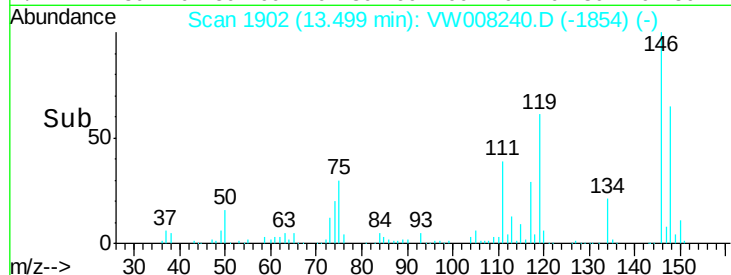
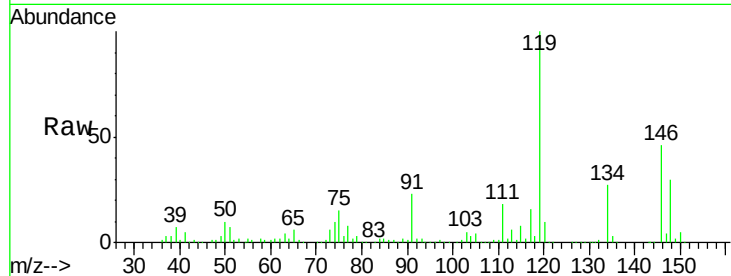
#87
 1,3-Dichlorobenzene
 Concen: 21.346 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.01 min
 Lab File: VW008240.D
 Acq: 14 Jan 2019 12:12

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0114SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.3	21.1	63.1
148	63.3	31.3	93.9

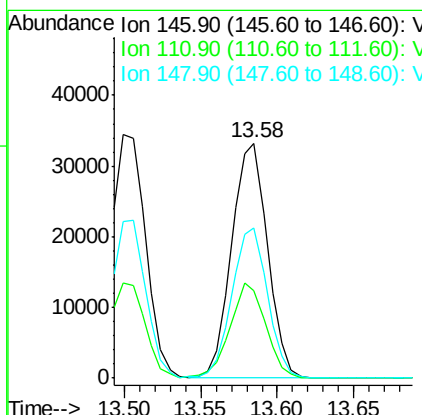
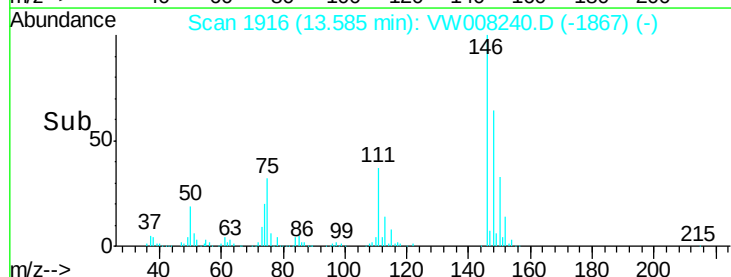
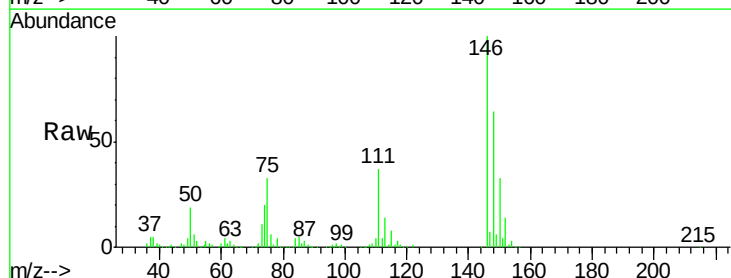
Manual Integrations
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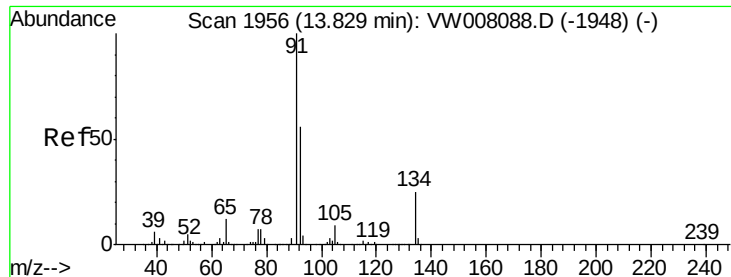
apatel
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#88
 1,4-Dichlorobenzene
 Concen: 20.545 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. 0.00 min
 Lab File: VW008240.D
 Acq: 14 Jan 2019 12:12

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.4	20.5	61.5
148	63.6	31.6	94.8





#89

n-Butylbenzene

Concen: 19.788 ug/l

RT: 13.83 min Scan# 1956

Delta R.T. 0.00 min

Lab File: VW008240.D

Acq: 14 Jan 2019 12:12

Instrument :

MSVOA_W

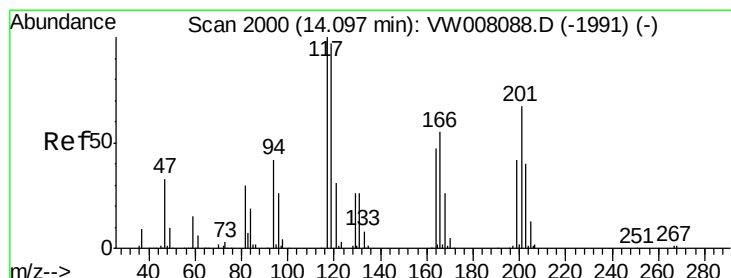
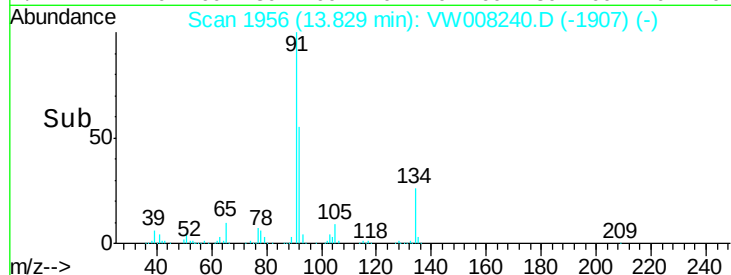
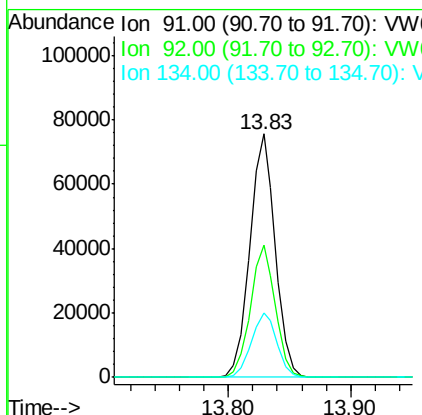
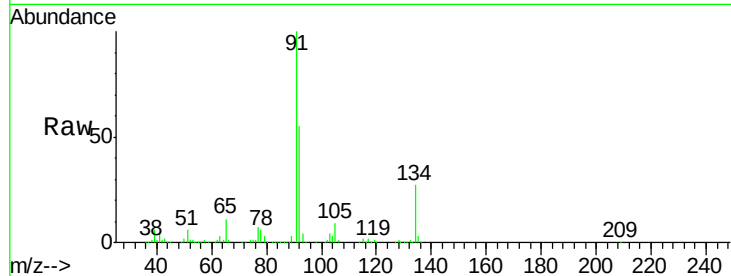
ClientSampled :

VW0114SBS01

Tot Ion:	91	Resp:	108960
Ion Ratio	Lower	Upper	
91	100		
92	53.2	27.4	82.2
134	26.7	12.6	37.8

Manual Integrations
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#90

Hexachloroethane

Concen: 21.028 ug/l

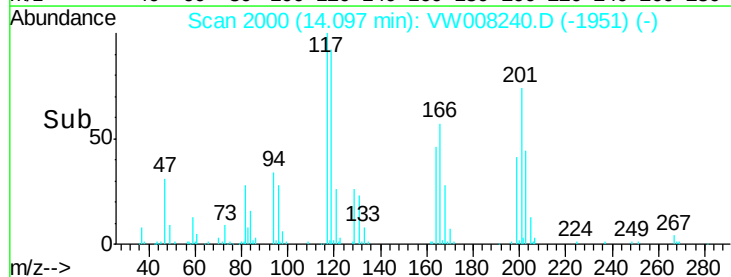
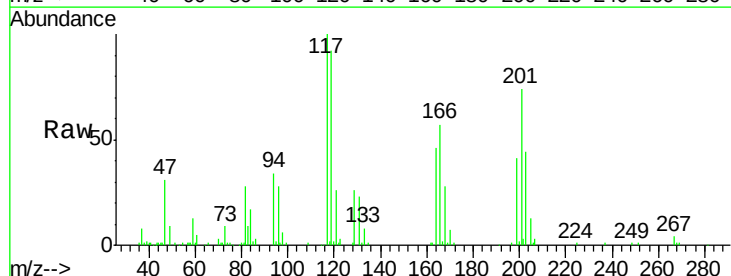
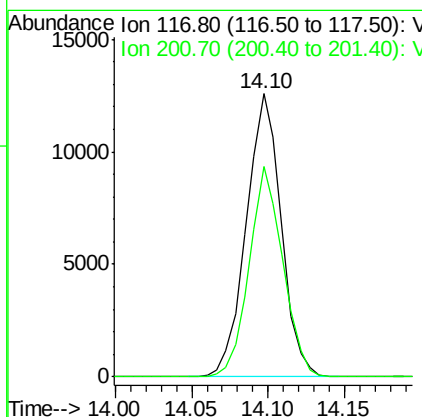
RT: 14.10 min Scan# 2000

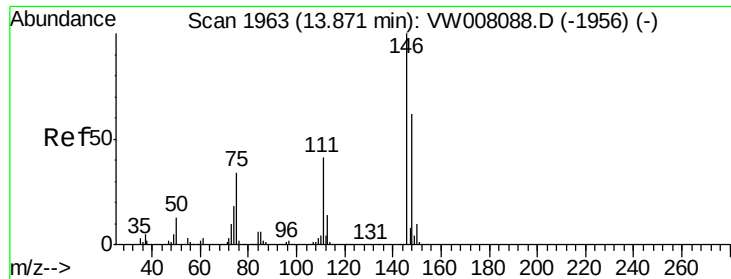
Delta R.T. 0.00 min

Lab File: VW008240.D

Acq: 14 Jan 2019 12:12

Tgt Ion:	117	Resp:	19968
Ion Ratio	Lower	Upper	
117	100		
201	71.6	33.0	98.9





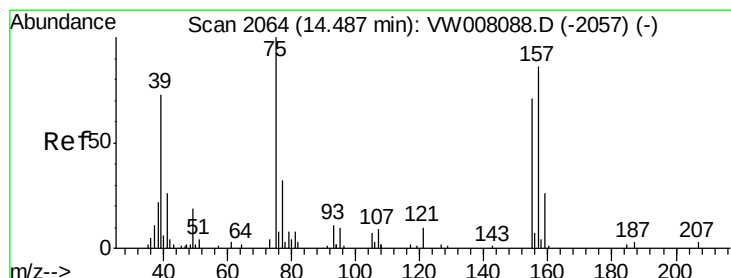
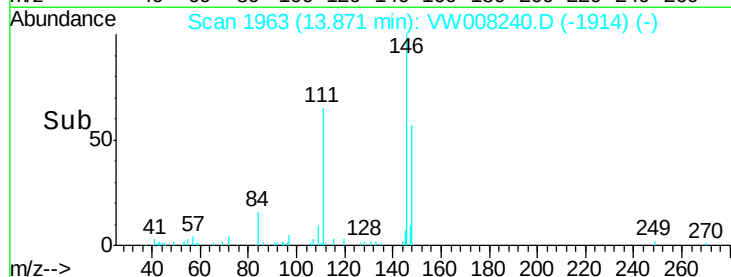
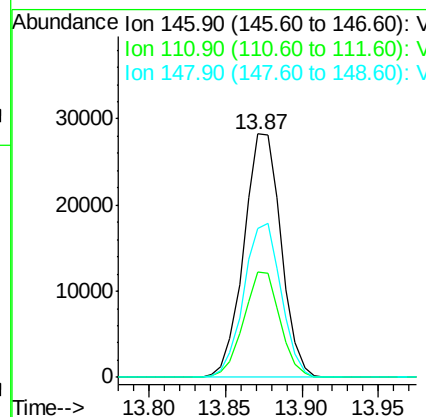
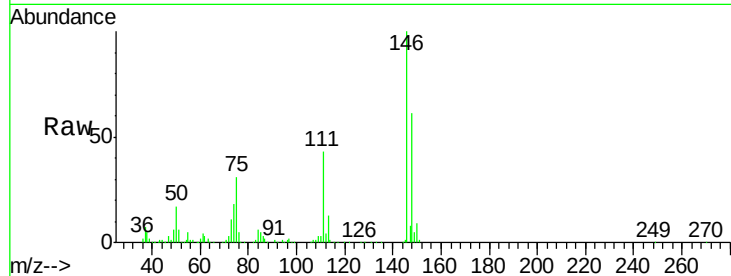
#91
 1,2-Dichlorobenzene
 Concen: 20.771 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. 0.00 min
 Lab File: VW008240.D
 Acq: 14 Jan 2019 12:12

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0114SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.4	21.3	63.7
148	63.2	31.5	94.5

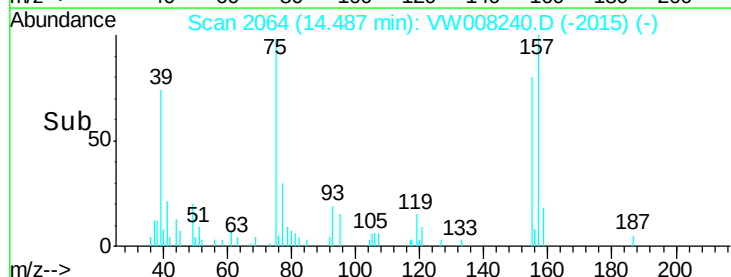
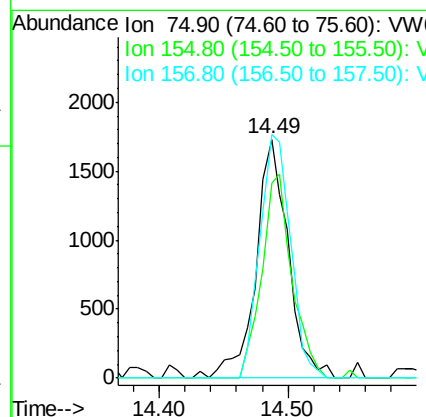
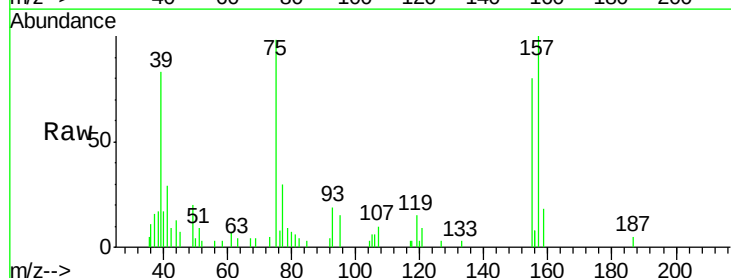
Manual Integrations
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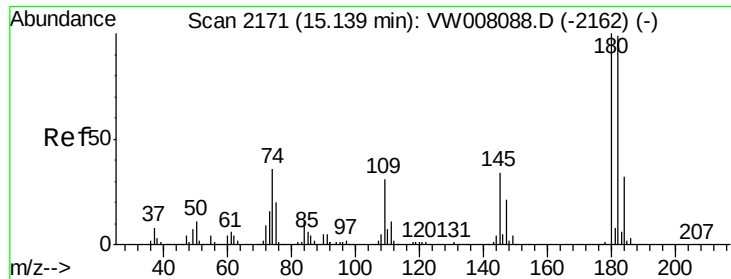
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.930 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. 0.00 min
 Lab File: VW008240.D
 Acq: 14 Jan 2019 12:12

Tgt Ion	Ratio	Lower	Upper
75	100		
155	80.1	38.6	115.7
157	97.3	47.5	142.6





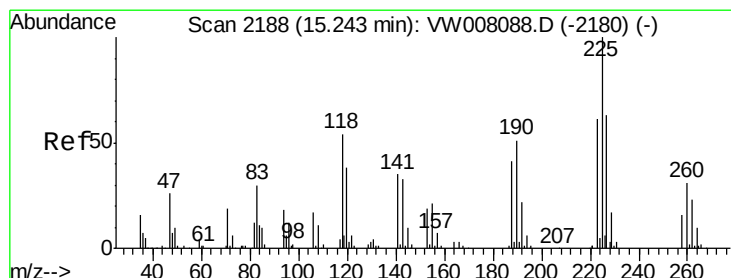
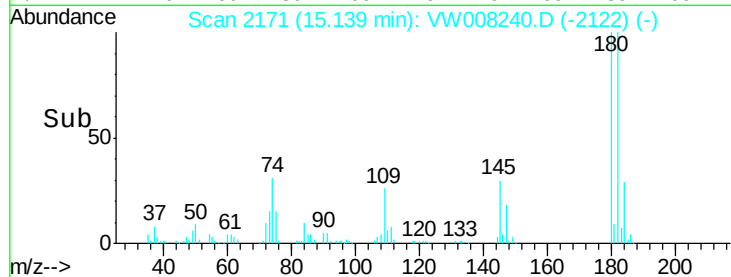
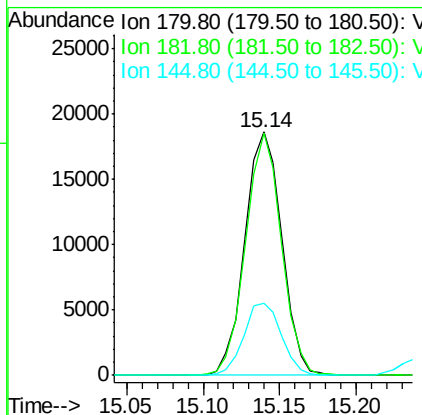
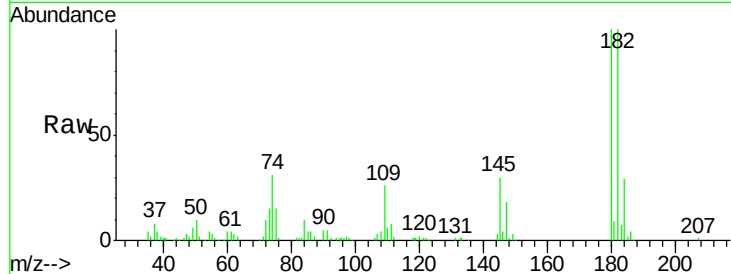
#93
 1,2,4-Trichlorobenzene
 Concen: 20.475 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. 0.00 min
 Lab File: VW008240.D
 Acq: 14 Jan 2019 12:12

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0114SBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	31305		
182	96.3	48.6	145.9	
145	30.3	16.6	49.7	

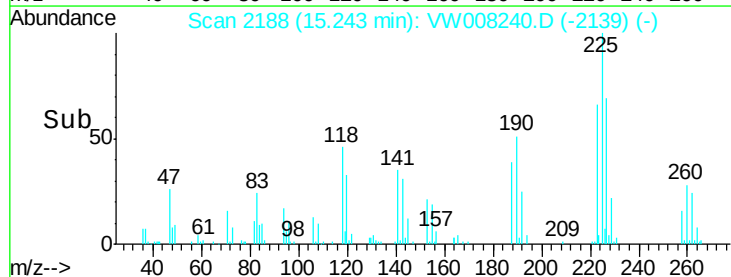
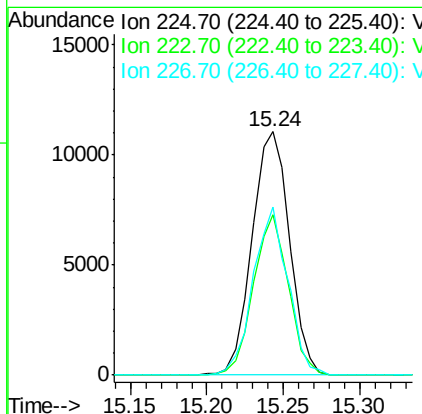
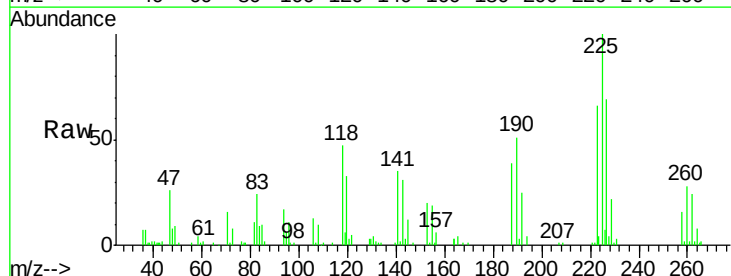
Manual Integrations
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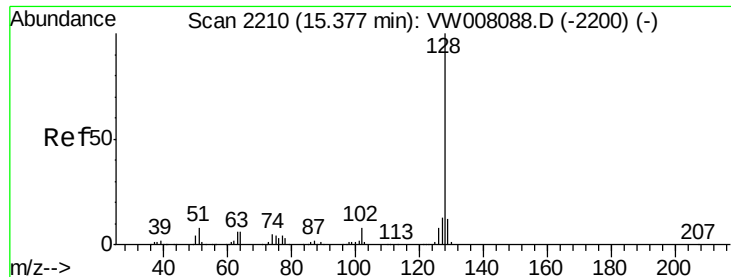
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#94
 Hexachlorobutadiene
 Concen: 23.038 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. 0.00 min
 Lab File: VW008240.D
 Acq: 14 Jan 2019 12:12

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	18853		
223	61.3	31.4	94.3	
227	64.0	32.0	96.2	





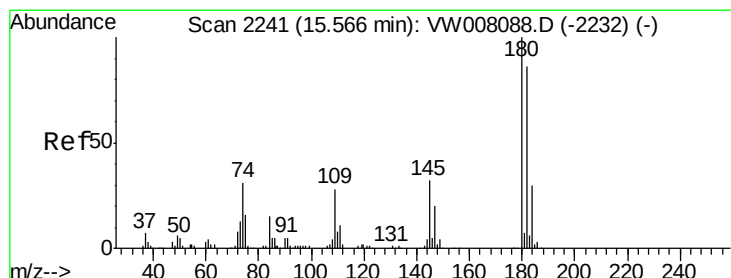
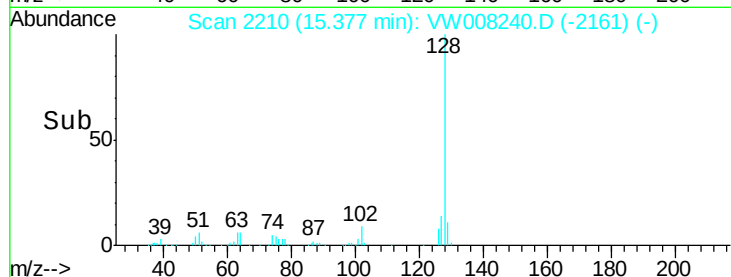
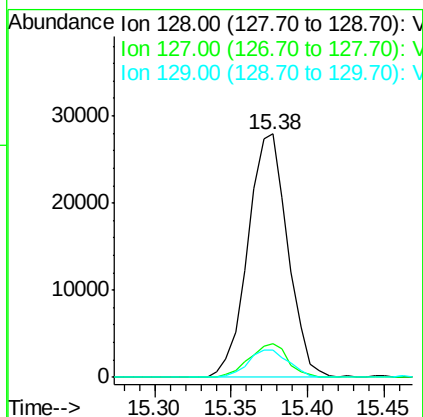
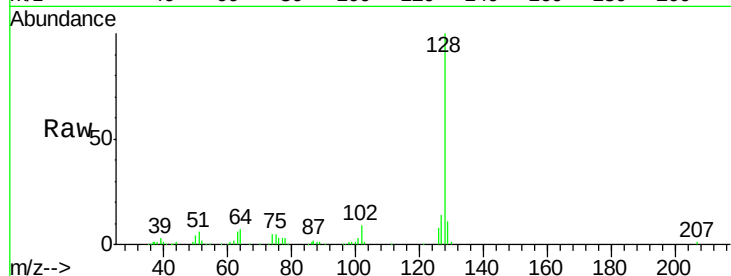
#95
Naphthalene
Concen: 17.689 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. 0.00 min
Lab File: VW008240.D
Acq: 14 Jan 2019 12:12

Instrument :
MSVOA_W
ClientSampleId :
VW0114SBS01

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.6	11.0	16.4
129	11.6	9.0	13.6

Manual Integrations
APPROVED

apatel
1/15/2019 2:08:38 PM



#96
1,2,3-Trichlorobenzene
Concen: 20.709 ug/l
RT: 15.56 min Scan# 2240
Delta R.T. -0.01 min
Lab File: VW008240.D
Acq: 14 Jan 2019 12:12

Tgt Ion	Ratio	Lower	Upper
180	100		
182	88.5	46.5	139.3
145	32.6	17.4	52.2

