

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW011119\
 Data File : VW008217.D
 Acq On : 12 Jan 2019 03:35
 Operator : SY/VA
 Sample : VW0111SBSD02
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0111SBSD02

Manual Integrations
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Quant Time: Jan 12 04:39:52 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	89227	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	157358	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	142902	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	69510	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	54011	53.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.72%	
35) Dibromofluoromethane	7.88	113	52199	56.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.76%	
50) Toluene-d8	10.32	98	211459	54.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.82%	
62) 4-Bromofluorobenzene	12.62	95	74248	53.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.56%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.01	85	13177	18.095	ug/l	97
3) Chloromethane	2.21	50	19677	20.828	ug/l	98
4) Vinyl Chloride	2.37	62	24767	20.086	ug/l	95
5) Bromomethane	2.78	94	21700	23.493	ug/l	95
6) Chloroethane	2.92	64	18537	19.979	ug/l	89
7) Trichlorofluoromethane	3.26	101	19440	19.393	ug/l	96
8) Diethyl Ether	3.68	74	12260	21.634	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.06	101	21435	21.537	ug/l	97
10) Methyl Iodide	4.26	142	33132	22.842	ug/l	98
11) Tert butyl alcohol	5.23	59	6230	83.268	ug/l #	100
12) 1,1-Dichloroethene	4.03	96	21238	21.735	ug/l	83
13) Acrolein	3.89	56	5342	78.989	ug/l	93
14) Allyl chloride	4.67	41	36347	20.488	ug/l	98
15) Acrylonitrile	5.37	53	24973	115.750	ug/l	98
16) Acetone	4.14	43	19494	95.034	ug/l	93
17) Carbon Disulfide	4.37	76	62549	20.491	ug/l	97
18) Methyl Acetate	4.68	43	14167	22.352	ug/l	100
19) Methyl tert-butyl Ether	5.43	73	35820	22.549	ug/l	96
20) Methylene Chloride	4.91	84	25638	23.409	ug/l	97
21) trans-1,2-Dichloroethene	5.42	96	23797	22.410	ug/l	87
22) Diisopropyl ether	6.31	45	73911	21.845	ug/l	96
23) Vinyl Acetate	6.26	43	193467	108.873	ug/l	99
24) 1,1-Dichloroethane	6.21	63	43175	21.901	ug/l #	96
25) 2-Butanone	7.18	43	29538	105.863	ug/l	98
26) 2,2-Dichloropropane	7.17	77	26283	19.676	ug/l	97
27) cis-1,2-Dichloroethene	7.17	96	25524	22.031	ug/l	93
28) Bromochloromethane	7.51	49	16375	21.000	ug/l	98
29) Tetrahydrofuran	7.54	42	21013	112.742	ug/l	99
30) Chloroform	7.68	83	43032	22.932	ug/l	93
31) Cyclohexane	7.95	56	39707	18.815	ug/l #	87
32) 1,1,1-Trichloroethane	7.87	97	35474	21.726	ug/l	98
36) 1,1-Dichloropropene	8.09	75	33582	20.718	ug/l	99
37) Ethyl Acetate	7.26	43	14083	21.686	ug/l #	91
38) Carbon Tetrachloride	8.07	117	31798	21.433	ug/l	98

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	40733	19.818	ug/l	94
40) Benzene	8.32	78	97958	22.281	ug/l	95
41) Methacrylonitrile	7.48	41	9144	22.290	ug/l #	92
42) 1,2-Dichloroethane	8.40	62	27056	21.881	ug/l	96
43) Isopropyl Acetate	8.43	43	27851	21.450	ug/l	98
44) Trichloroethene	9.09	130	25374	22.546	ug/l	96
45) 1,2-Dichloropropane	9.37	63	24242	22.238	ug/l	95
46) Dibromomethane	9.46	93	12422	23.203	ug/l	96
47) Bromodichloromethane	9.65	83	30309	22.296	ug/l	97
48) Methyl methacrylate	9.44	41	13236	21.604	ug/l	89
49) 1,4-Dioxane	9.47	88	4109	477.250	ug/l #	97
51) 4-Methyl-2-Pentanone	10.21	43	71198	113.283	ug/l	98
52) Toluene	10.39	92	63190	22.506	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	30302	21.429	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	35015	20.882	ug/l	95
55) 1,1,2-Trichloroethane	10.79	97	18154	24.152	ug/l	97
56) Ethyl methacrylate	10.65	69	21294	22.876	ug/l	98
57) 1,3-Dichloropropane	10.93	76	31214	22.706	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.93	63	53941	112.181	ug/l	99
59) 2-Hexanone	10.97	43	46340	109.030	ug/l	99
60) Dibromochloromethane	11.13	129	19899	24.108	ug/l	99
61) 1,2-Dibromoethane	11.24	107	17267	24.210	ug/l	97
64) Tetrachloroethene	10.86	164	21130	22.720	ug/l	96
65) Chlorobenzene	11.66	112	67592	22.326	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	22378	22.726	ug/l	99
67) Ethyl Benzene	11.73	91	117511	21.213	ug/l	98
68) m/p-Xylenes	11.84	106	92239	43.625	ug/l	97
69) o-Xylene	12.17	106	42597	21.756	ug/l	96
70) Styrene	12.18	104	69989	22.821	ug/l	98
71) Bromoform	12.35	173	10908	24.751	ug/l #	96
73) Isopropylbenzene	12.47	105	116142	21.282	ug/l	100
74) N-amyl acetate	12.28	43	25839	21.381	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.71	83	20176	23.098	ug/l	96
76) 1,2,3-Trichloropropane	12.77	75	15188m	23.969	ug/l	
77) Bromobenzene	12.75	156	26233	22.750	ug/l	90
78) n-propylbenzene	12.81	91	140758	21.051	ug/l	98
79) 2-Chlorotoluene	12.90	91	80527	21.586	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	96622	21.546	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.51	75	5961	21.907	ug/l	97
82) 4-Chlorotoluene	12.99	91	84484	21.503	ug/l	98
83) tert-Butylbenzene	13.21	119	86647	21.840	ug/l	97
84) 1,2,4-Trimethylbenzene	13.26	105	100169	21.657	ug/l	98
85) sec-Butylbenzene	13.39	105	125922	21.667	ug/l	100
86) p-Isopropyltoluene	13.51	119	107188	21.358	ug/l	98
87) 1,3-Dichlorobenzene	13.51	146	53379	22.820	ug/l	98
88) 1,4-Dichlorobenzene	13.58	146	52369	22.315	ug/l	99
89) n-Butylbenzene	13.83	91	101663	20.683	ug/l	99
90) Hexachloroethane	14.10	117	19410	22.898	ug/l	93
91) 1,2-Dichlorobenzene	13.87	146	48423	23.556	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.49	75	3111	22.131	ug/l	88

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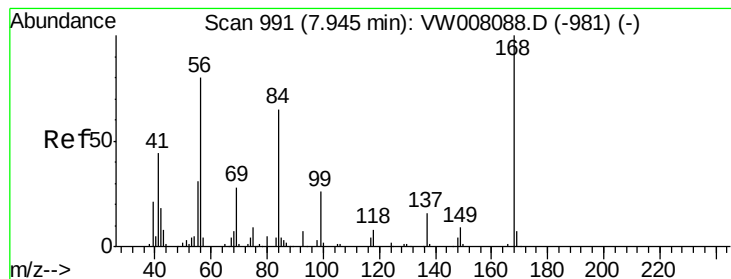
Manual Integrations
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	30011	21.989	ug/l	96
94) Hexachlorobutadiene	15.24	225	16487	22.569	ug/l	99
95) Naphthalene	15.38	128	56279	22.084	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	26252	22.563	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.01 min

Lab File: VW008217.D

Acq: 12 Jan 2019 03:35

Instrument :

MSVOA_W

ClientSampleId :

VW0111SBSD02

Tot Ion:168 Resp: 89227

Ion Ratio Lower Upper

168 100

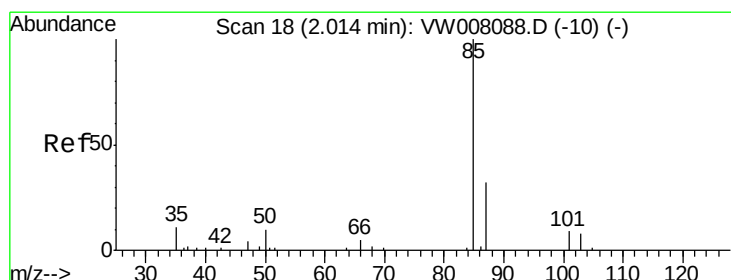
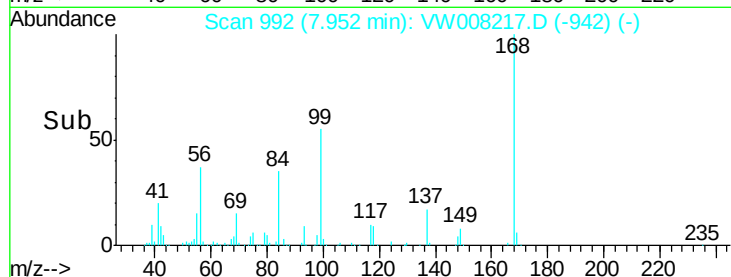
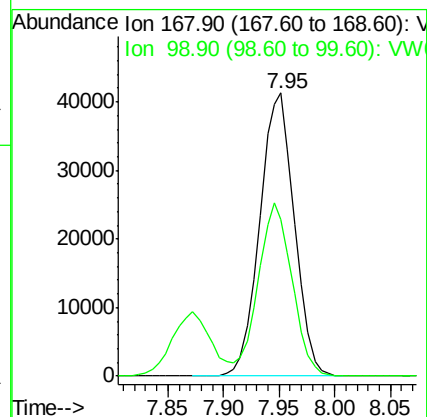
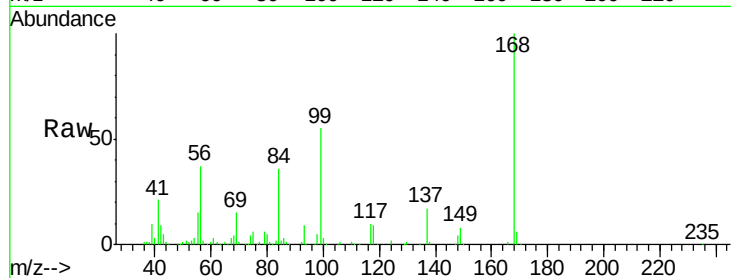
99 55.2 52.6 78.8

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#2

Dichlorodifluoromethane

Concen: 18.095 ug/l

RT: 2.01 min Scan# 17

Delta R.T. -0.01 min

Lab File: VW008217.D

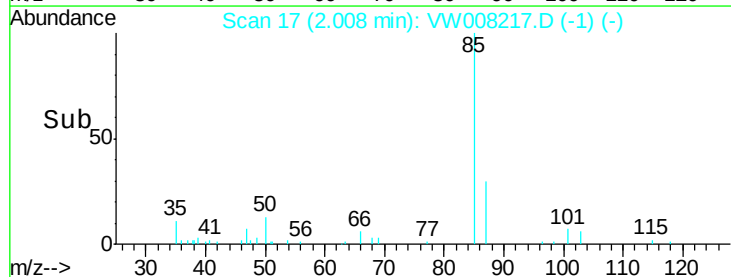
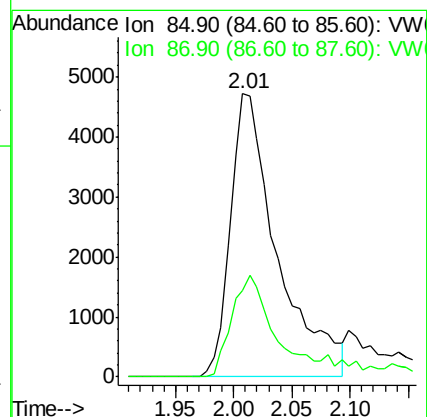
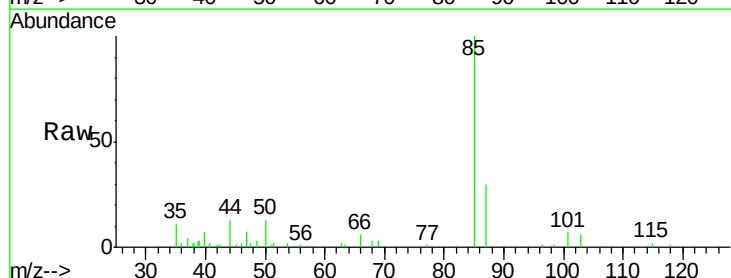
Acq: 12 Jan 2019 03:35

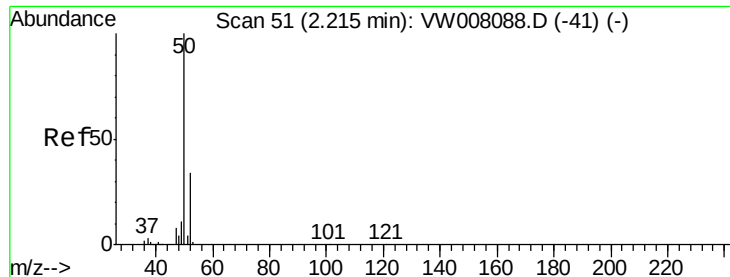
Tgt Ion: 85 Resp: 13177

Ion Ratio Lower Upper

85 100

87 30.3 16.1 48.3





#3

Chloromethane

Concen: 20.828 ug/l

RT: 2.21 min Scan# 51

Delta R.T. 0.00 min

Lab File: VW008217.D

Acq: 12 Jan 2019 03:35

Instrument :

MSVOA_W

ClientSampleId :

VW0111SBSD02

Tot Ion: 50 Resp: 19677

Ion Ratio Lower Upper

50 100

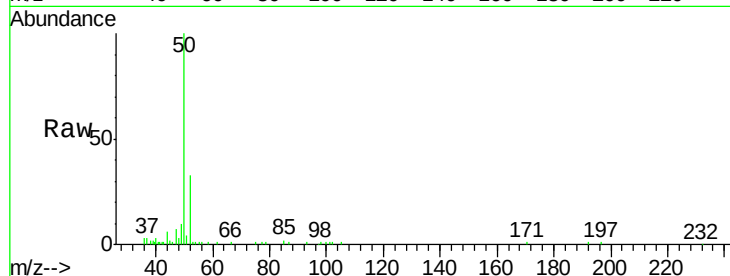
52 32.4 26.8 40.2

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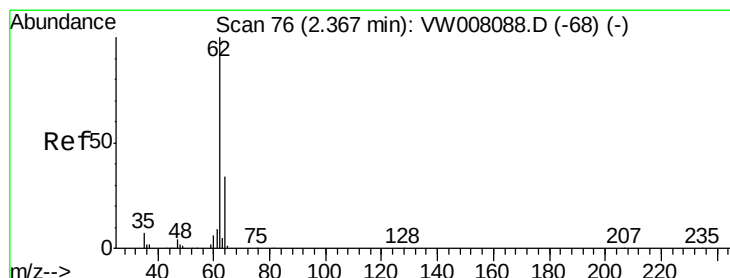
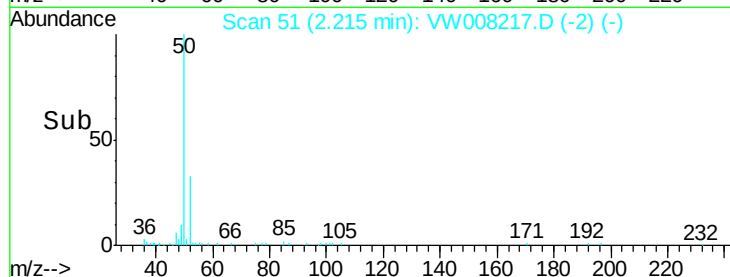
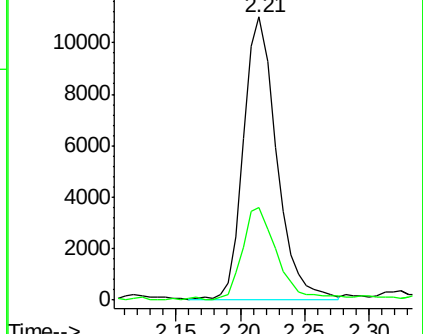
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Abundance Ion 49.90 (49.60 to 50.60): VW

Ion 51.90 (51.60 to 52.60): VW



#4

Vinyl Chloride

Concen: 20.086 ug/l

RT: 2.37 min Scan# 76

Delta R.T. 0.00 min

Lab File: VW008217.D

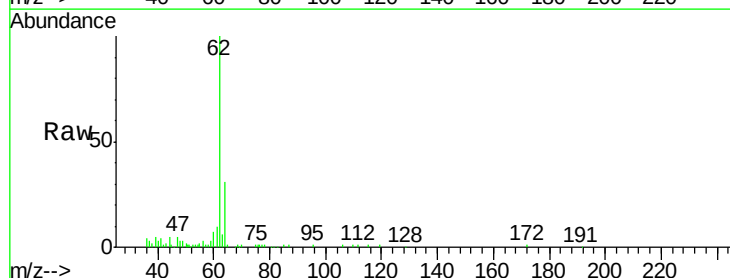
Acq: 12 Jan 2019 03:35

Tgt Ion: 62 Resp: 24767

Ion Ratio Lower Upper

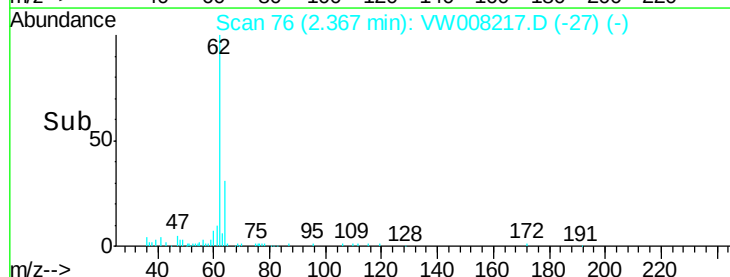
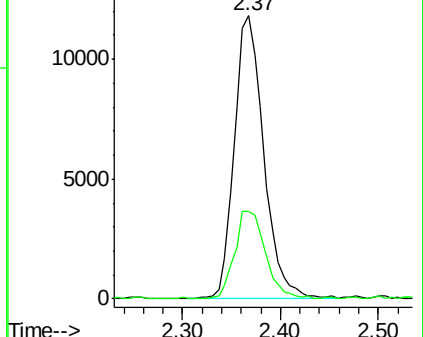
62 100

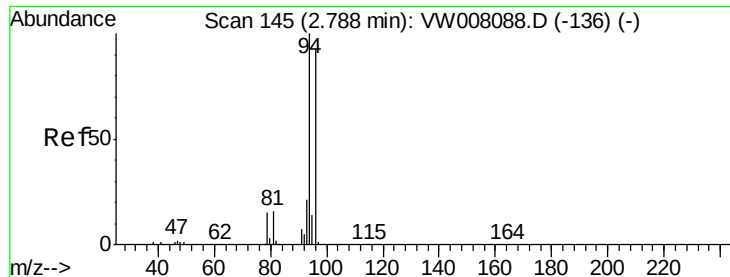
64 30.7 27.0 40.6



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 63.90 (63.60 to 64.60): VW





#5

Bromomethane

Concen: 23.493 ug/l

RT: 2.78 min Scan# 144

Delta R.T. -0.01 min

Lab File: VW008217.D

Acq: 12 Jan 2019 03:35

Instrument :

MSVOA_W

ClientSampleId :

VW0111SBSD02

Tot Ion: 94 Resp: 21700

Ion Ratio Lower Upper

94 100

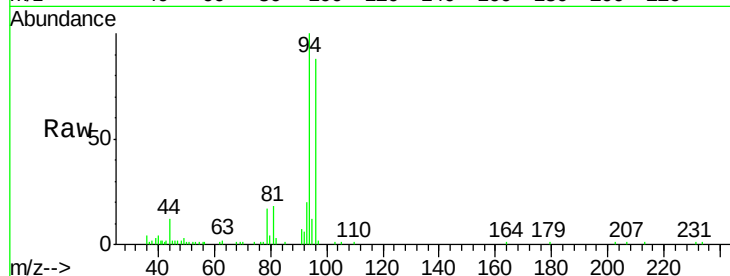
96 87.6 74.1 111.1

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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

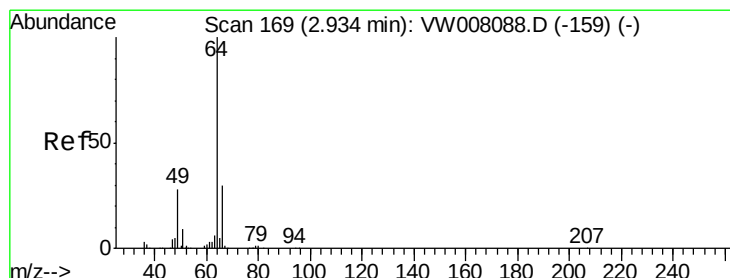
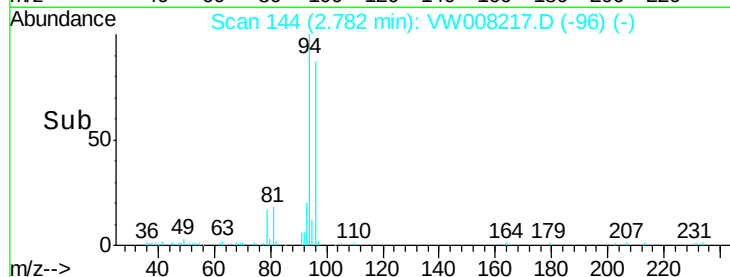
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Time-->

2.70

2.80

2.90



#6

Chloroethane

Concen: 19.979 ug/l

RT: 2.92 min Scan# 167

Delta R.T. -0.01 min

Lab File: VW008217.D

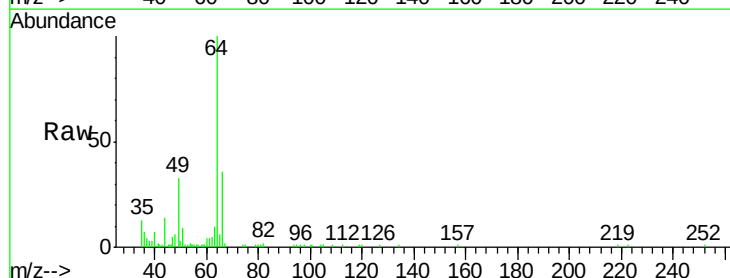
Acq: 12 Jan 2019 03:35

Tgt Ion: 64 Resp: 18537

Ion Ratio Lower Upper

64 100

66 36.2 24.2 36.2



Abundance Ion 63.90 (63.60 to 64.60): VW

Ion 65.90 (65.60 to 66.60): VW

2.92

8000

6000

4000

2000

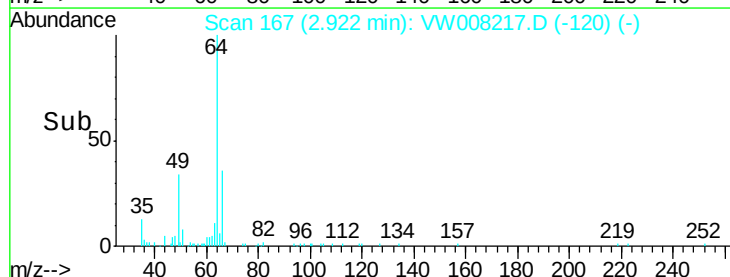
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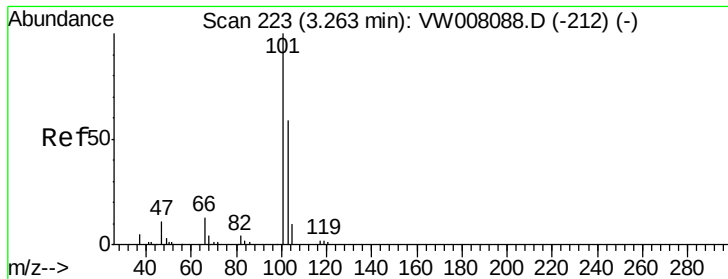
Time-->

2.80

2.90

3.00





#7

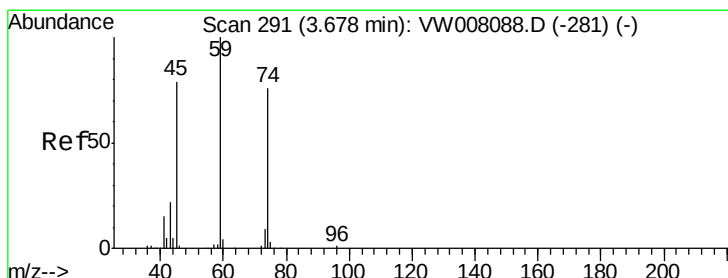
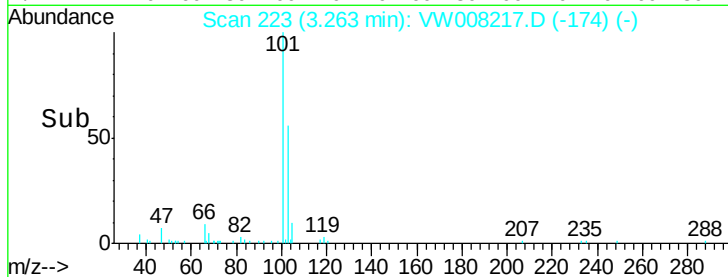
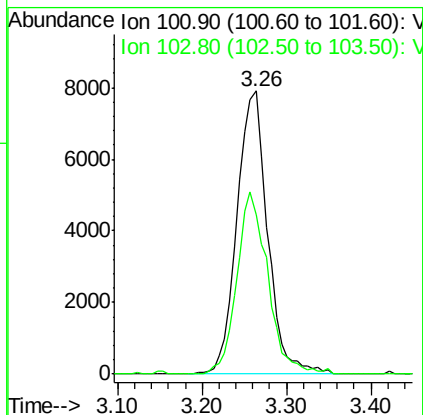
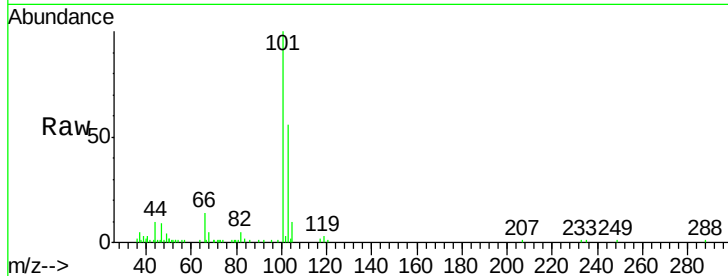
Trichlorofluoromethane
 Concen: 19.393 ug/l
 RT: 3.26 min Scan# 223
 Delta R.T. 0.00 min
 Lab File: VW008217.D
 Acq: 12 Jan 2019 03:35

Instrument :
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 ClientSampleId :
 VW0111SBSD02

Tot Ion	Ratio	Lower	Upper
101	100		
103	56.2	47.0	70.6

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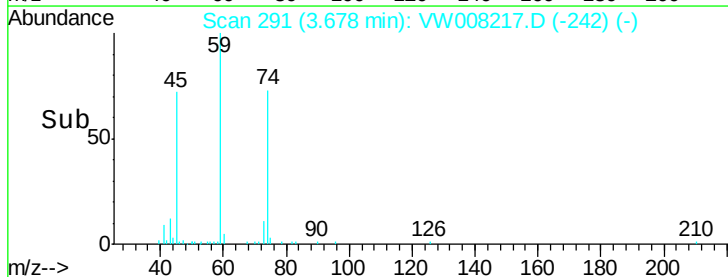
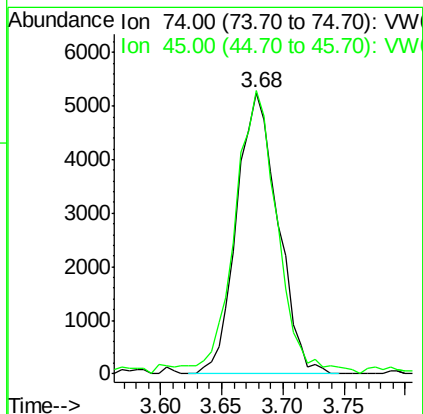
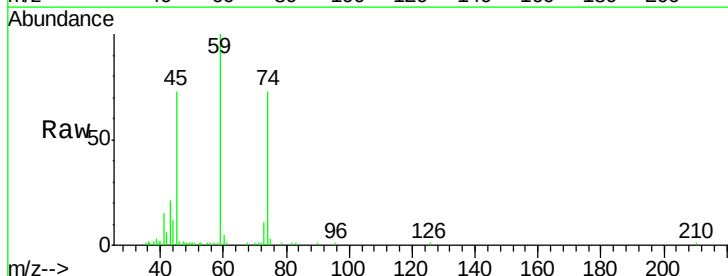
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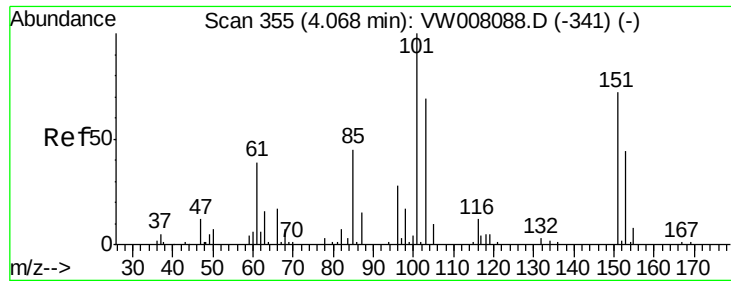


#8

Diethyl Ether
 Concen: 21.634 ug/l
 RT: 3.68 min Scan# 291
 Delta R.T. 0.00 min
 Lab File: VW008217.D
 Acq: 12 Jan 2019 03:35

Tgt Ion	Ratio	Lower	Upper
74	100		
45	103.4	52.4	157.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.537 ug/l

RT: 4.06 min Scan# 354

Delta R.T. -0.01 min

Lab File: VW008217.D

Acq: 12 Jan 2019 03:35

Instrument :

MSVOA_W

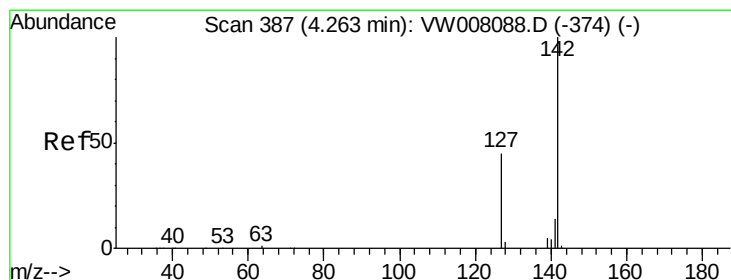
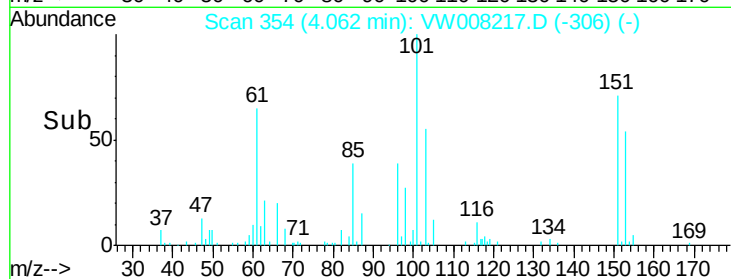
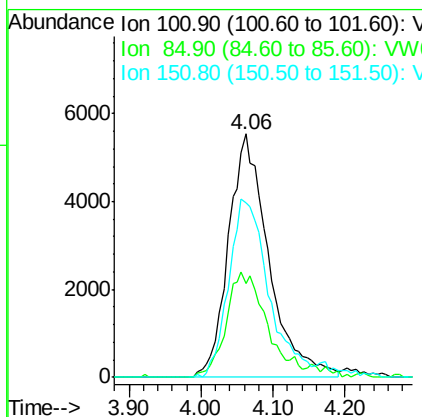
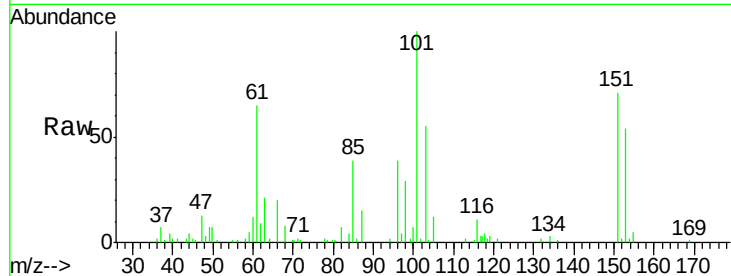
ClientSampleId :

VW0111SBSD02

Tot Ion:	101	Resp:	21435
Ion Ratio	Lower	Upper	
101	100		
85	43.5	35.9	53.9
151	72.5	55.8	83.8

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#10

Methyl Iodide

Concen: 22.842 ug/l

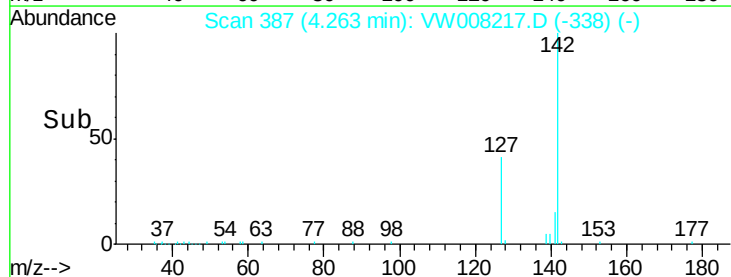
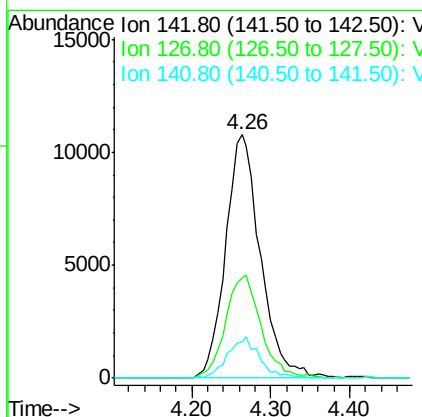
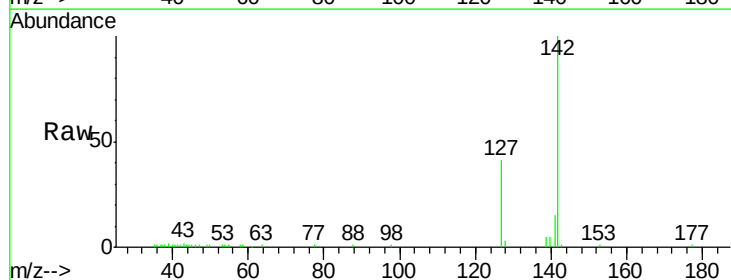
RT: 4.26 min Scan# 387

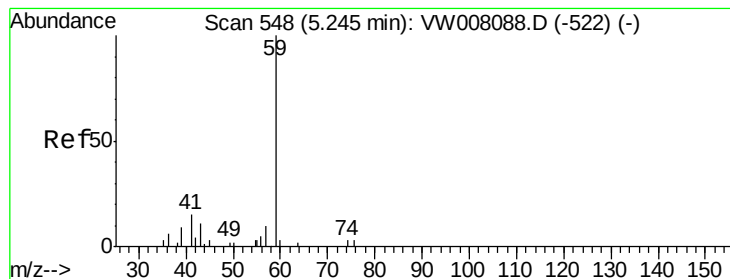
Delta R.T. 0.00 min

Lab File: VW008217.D

Acq: 12 Jan 2019 03:35

Tgt Ion:	142	Resp:	33132
Ion Ratio	Lower	Upper	
142	100		
127	42.6	35.0	52.4
141	15.4	11.8	17.6





#11

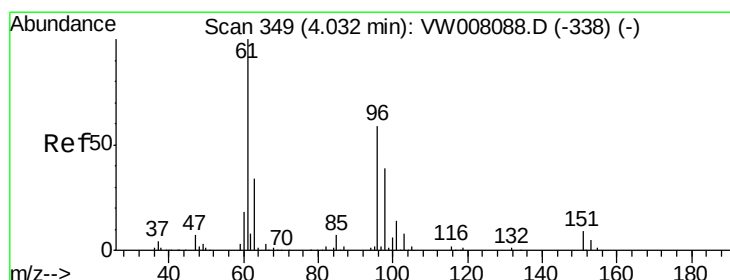
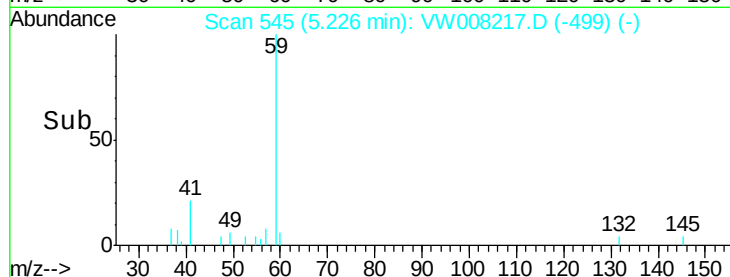
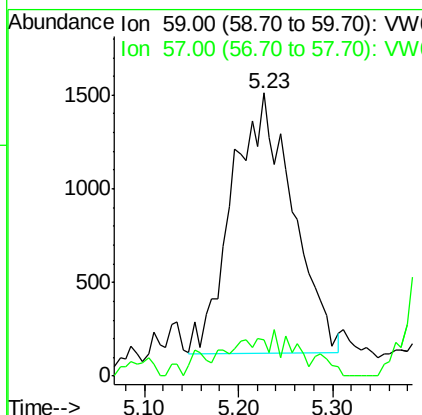
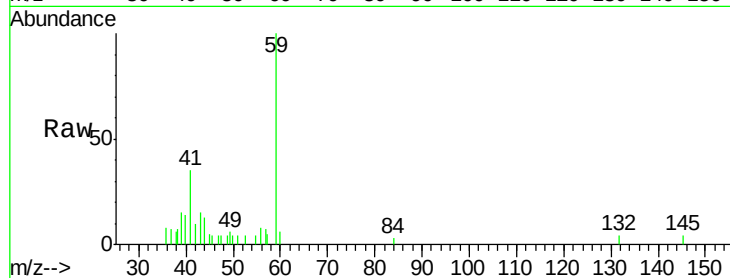
Tert butyl alcohol
Concen: 83.268 ug/l
RT: 5.23 min Scan# 545
Delta R.T. -0.02 min
Lab File: VW008217.D
Acq: 12 Jan 2019 03:35

Instrument :
MSVOA_W
ClientSampled :
VW0111SBSD02

Tot Ion	Ratio	Lower	Upper
59	100		
57	0.0	0.0	0.0

Manual Integrations
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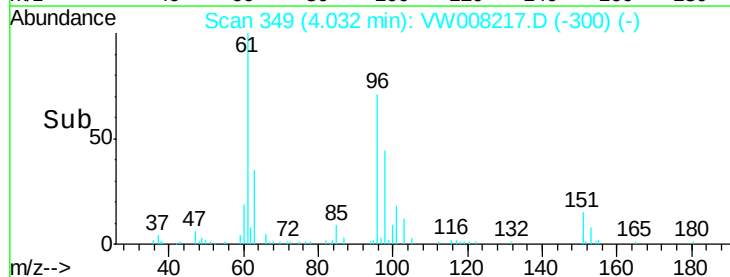
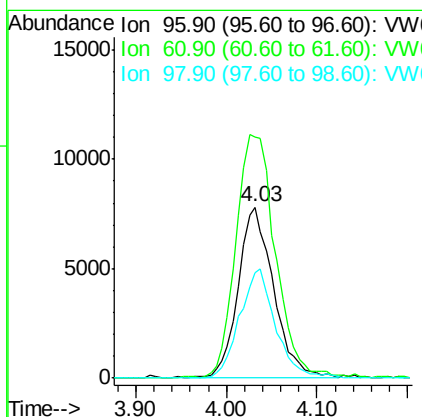
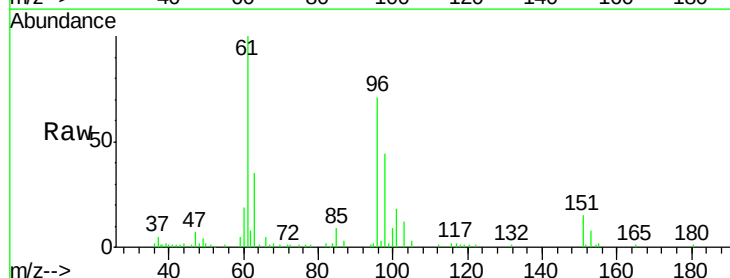
apatel
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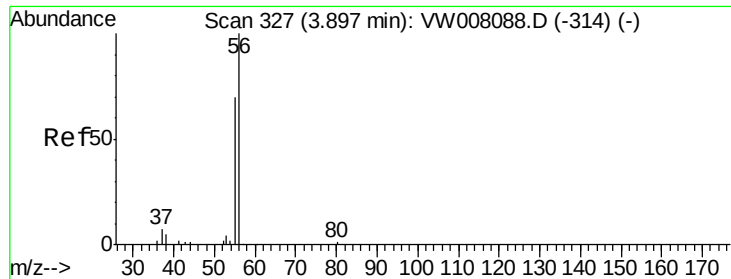


#12

1,1-Dichloroethene
Concen: 21.735 ug/l
RT: 4.03 min Scan# 349
Delta R.T. 0.00 min
Lab File: VW008217.D
Acq: 12 Jan 2019 03:35

Tgt Ion	Ratio	Lower	Upper
96	100		
61	139.8	135.4	203.2
98	61.5	52.5	78.7





#13

Acrolein

Concen: 78.989 ug/l

RT: 3.89 min Scan# 326

Delta R.T. -0.01 min

Lab File: VW008217.D

Acq: 12 Jan 2019 03:35

Instrument :

MSVOA_W

ClientSampleId :

VW0111SBSD02

Tot Ion: 56 Resp: 5342

Ion Ratio Lower Upper

56 100

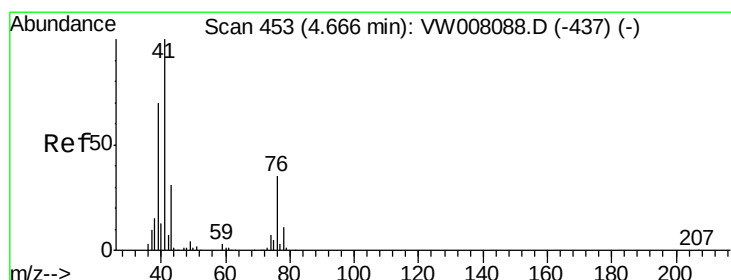
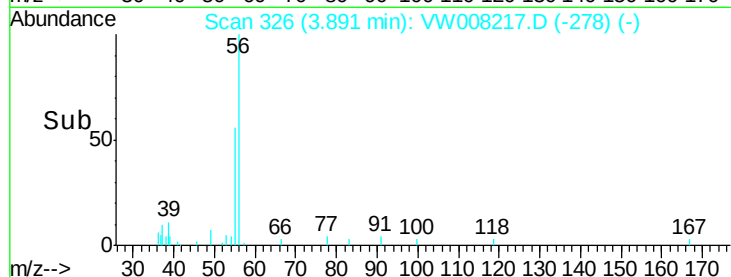
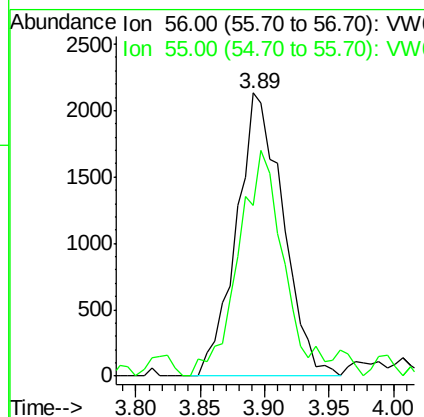
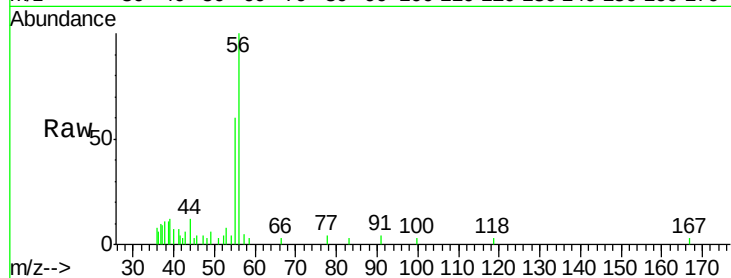
55 76.4 56.6 84.8

Manual Integrations

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#14

Allyl chloride

Concen: 20.488 ug/l

RT: 4.67 min Scan# 453

Delta R.T. 0.00 min

Lab File: VW008217.D

Acq: 12 Jan 2019 03:35

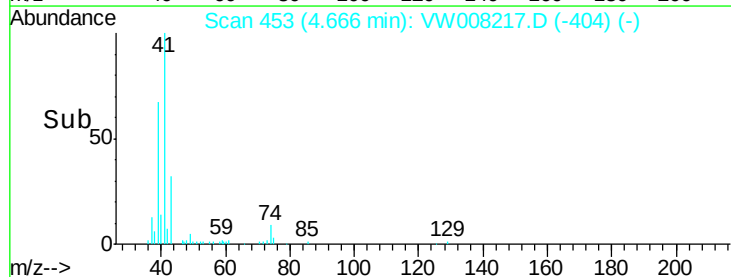
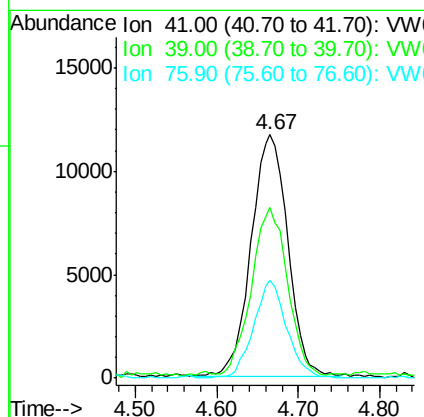
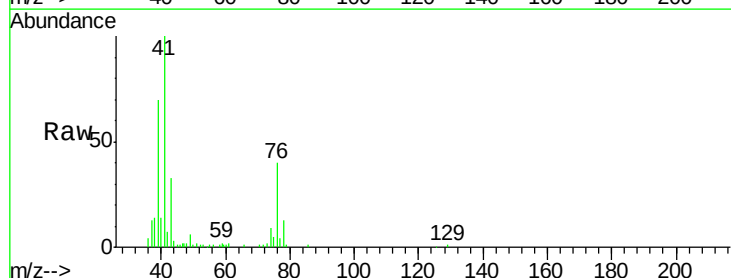
Tgt Ion: 41 Resp: 36347

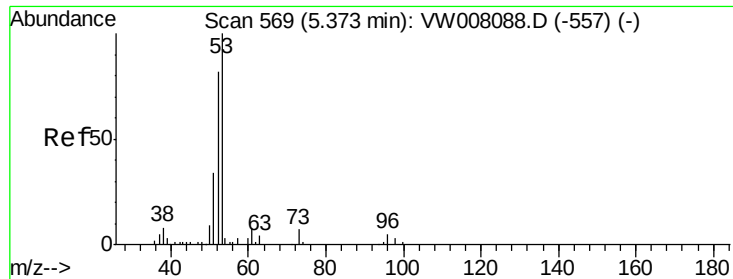
Ion Ratio Lower Upper

41 100

39 68.3 53.8 80.8

76 36.8 27.6 41.4





#15

Acrylonitrile

Concen: 115.750 ug/l

RT: 5.37 min Scan# 569

Delta R.T. 0.00 min

Lab File: VW008217.D

Acq: 12 Jan 2019 03:35

Instrument :

MSVOA_W

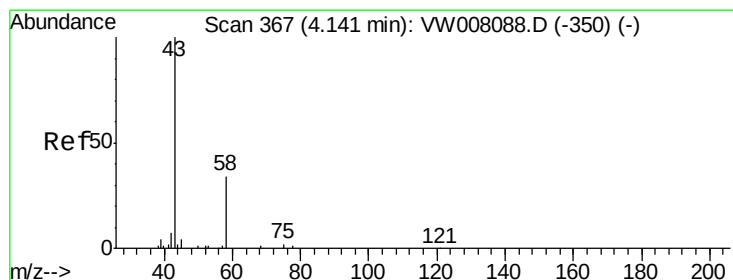
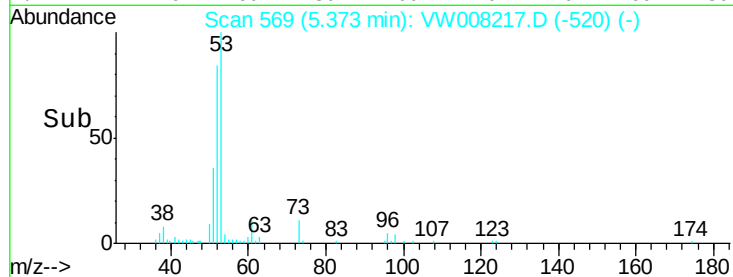
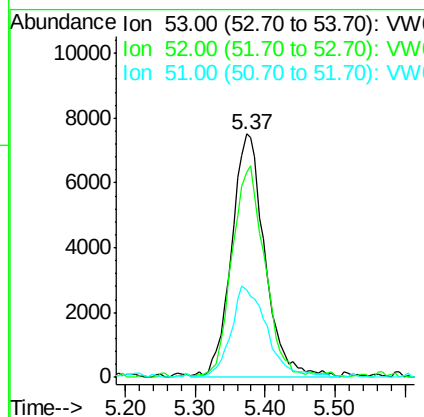
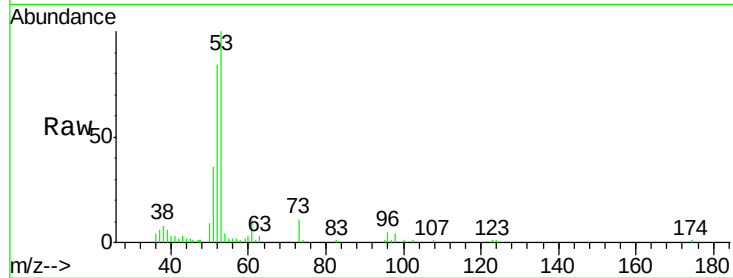
ClientSampleId :

VW0111SBSD02

Tot Ion:	53	Resp:	24973
Ion	Ratio	Lower	Upper
53	100		
52	83.3	66.8	100.2
51	40.1	29.7	44.5

Manual Integrations
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#16

Acetone

Concen: 95.034 ug/l

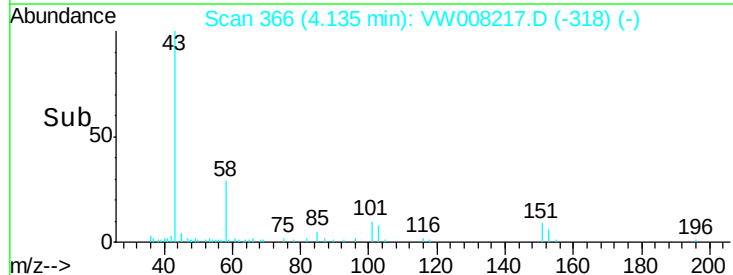
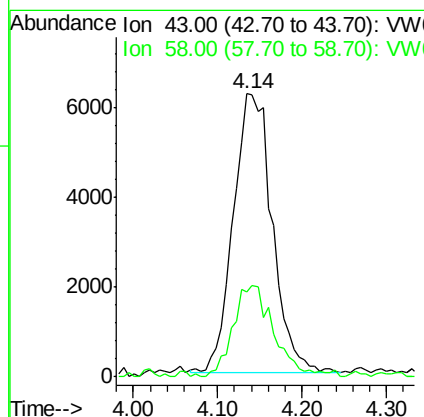
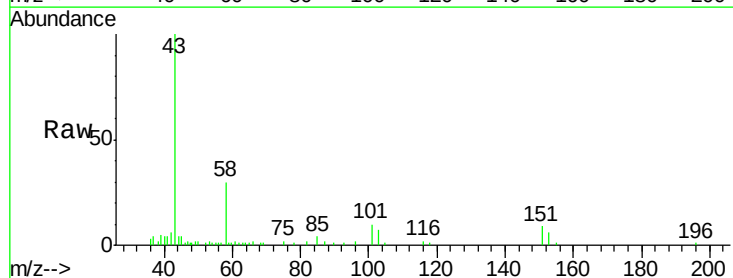
RT: 4.14 min Scan# 366

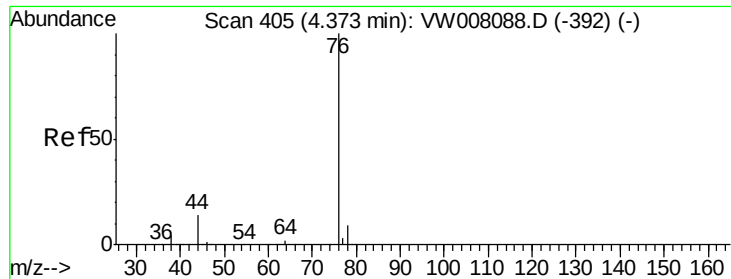
Delta R.T. -0.01 min

Lab File: VW008217.D

Acq: 12 Jan 2019 03:35

Tgt Ion:	43	Resp:	19494
Ion	Ratio	Lower	Upper
43	100		
58	30.4	27.5	41.3





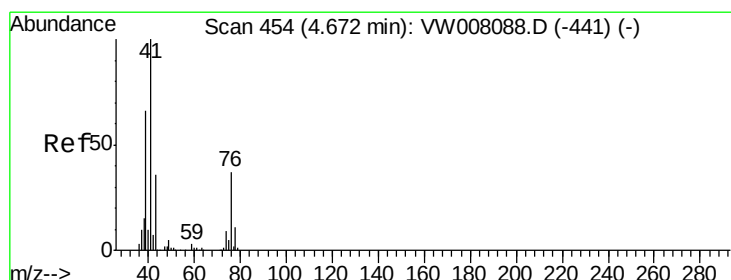
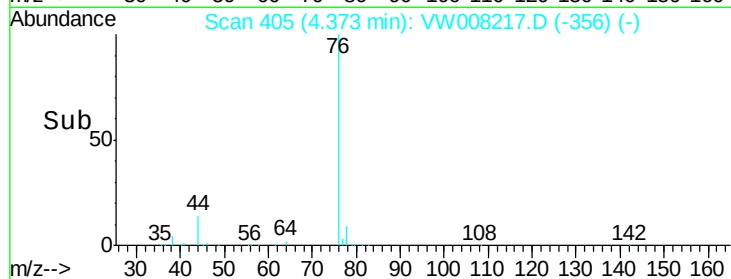
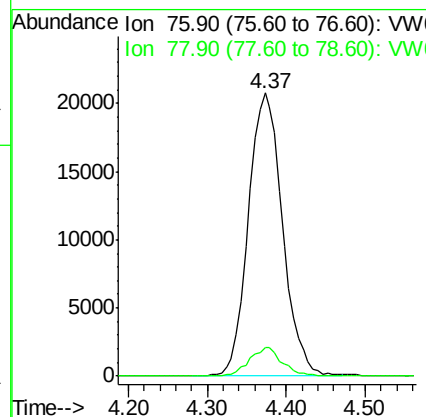
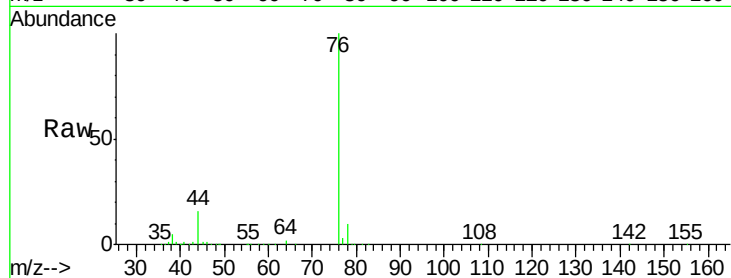
#17
Carbon Disulfide
Concen: 20.491 ug/l
RT: 4.37 min Scan# 405
Delta R.T. 0.00 min
Lab File: VW008217.D
Acq: 12 Jan 2019 03:35

Instrument :
MSVOA_W
ClientSampleId :
VW0111SBSD02

Tot Ion: 76 Resp: 62549
Ion Ratio Lower Upper
76 100
78 10.0 7.0 10.6

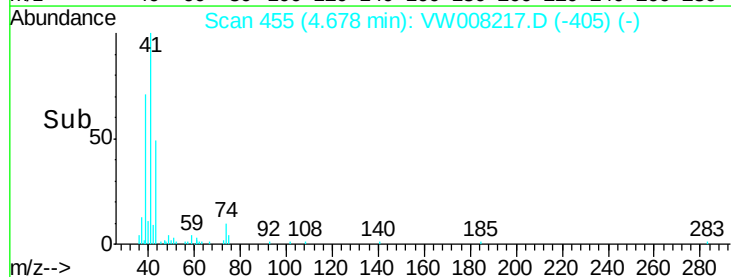
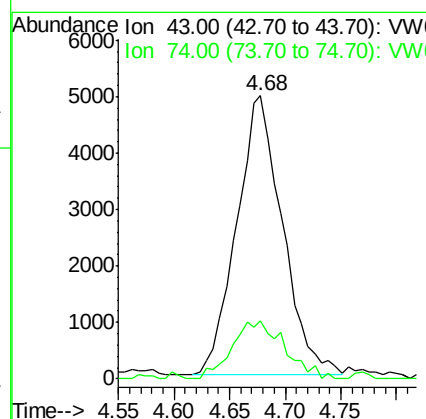
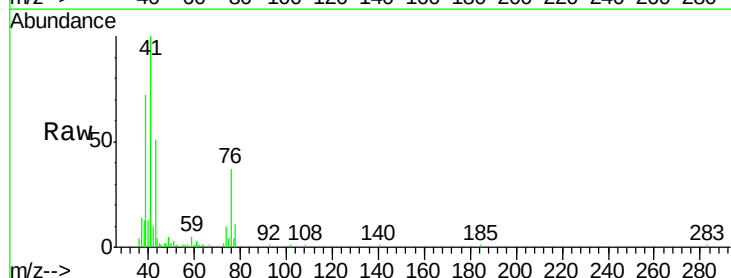
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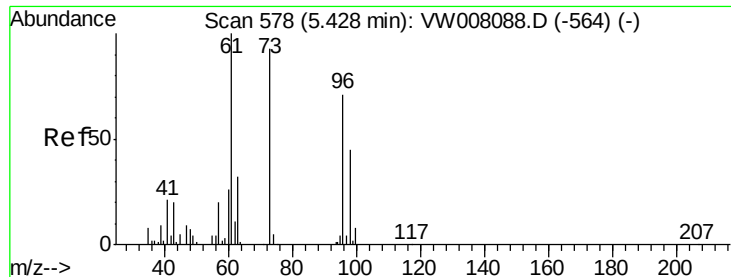
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#18
Methyl Acetate
Concen: 22.352 ug/l
RT: 4.68 min Scan# 455
Delta R.T. 0.01 min
Lab File: VW008217.D
Acq: 12 Jan 2019 03:35

Tgt Ion: 43 Resp: 14167
Ion Ratio Lower Upper
43 100
74 23.6 19.0 28.4





#19

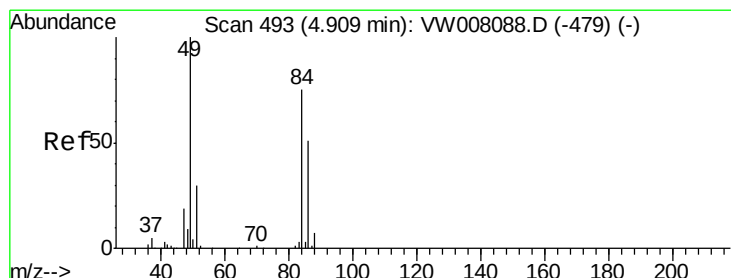
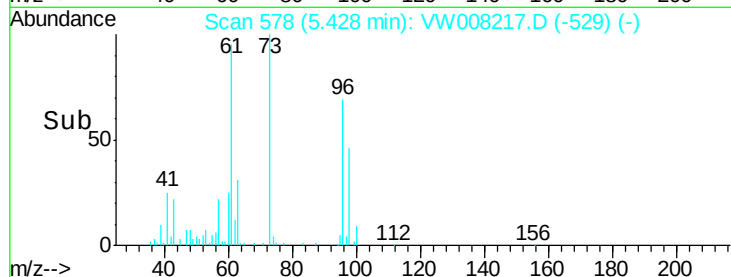
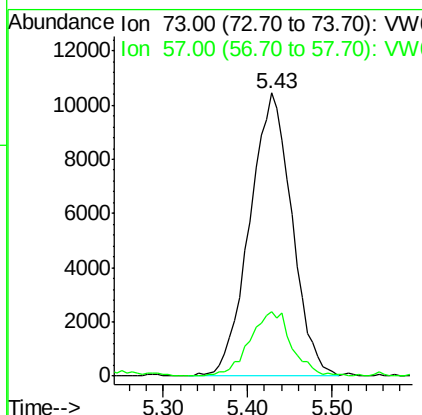
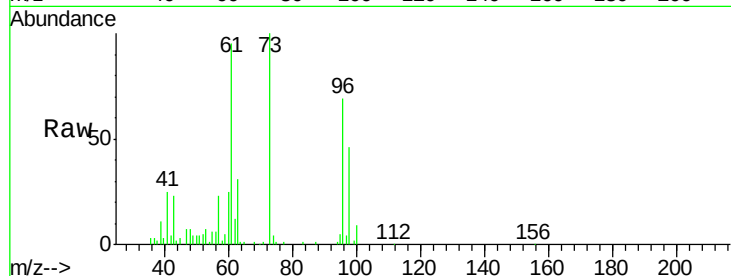
Methyl tert-butyl Ether
 Concen: 22.549 ug/l
 RT: 5.43 min Scan# 578
 Delta R.T. 0.00 min
 Lab File: VW008217.D
 Acq: 12 Jan 2019 03:35

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0111SBSD02

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.9	16.7	25.1

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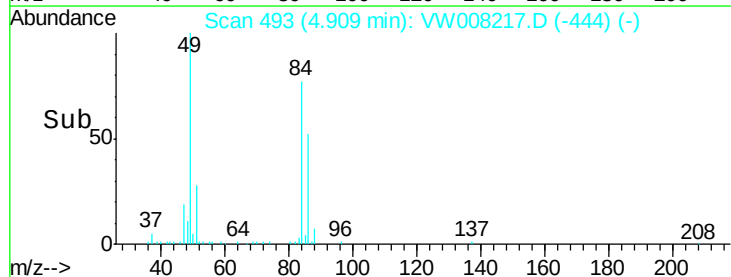
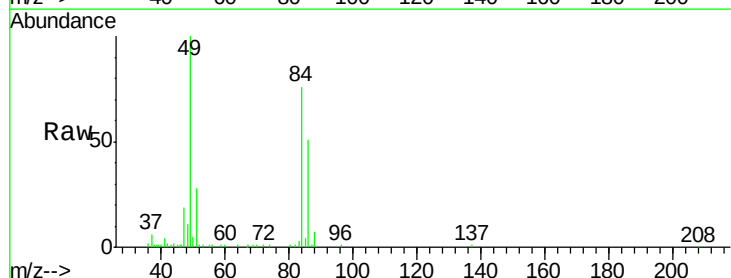
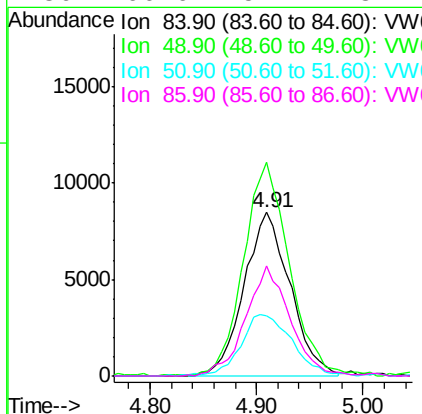
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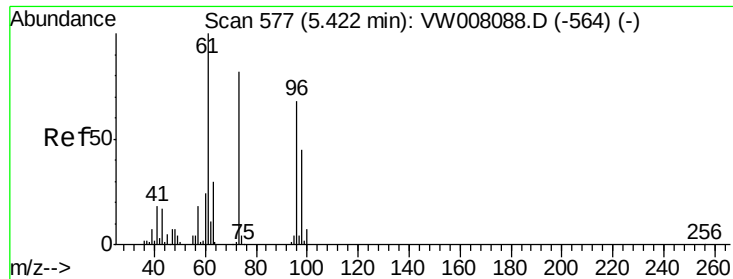


#20

Methylene Chloride
 Concen: 23.409 ug/l
 RT: 4.91 min Scan# 493
 Delta R.T. 0.00 min
 Lab File: VW008217.D
 Acq: 12 Jan 2019 03:35

Tgt Ion	Ratio	Lower	Upper
84	100		
49	130.0	107.1	160.7
51	36.2	32.4	48.6
86	66.6	54.2	81.4





#21

trans-1,2-Dichloroethene

Concen: 22.410 ug/l

RT: 5.42 min Scan# 577

Delta R.T. 0.00 min

Lab File: VW008217.D

Acq: 12 Jan 2019 03:35

Instrument :

MSVOA_W

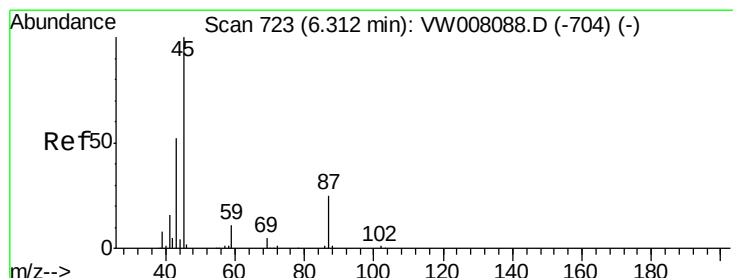
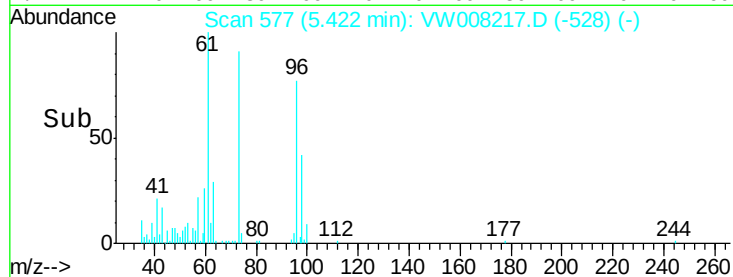
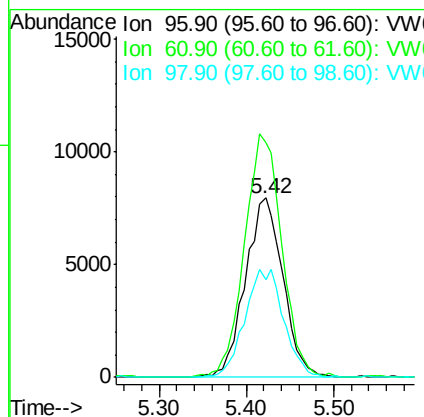
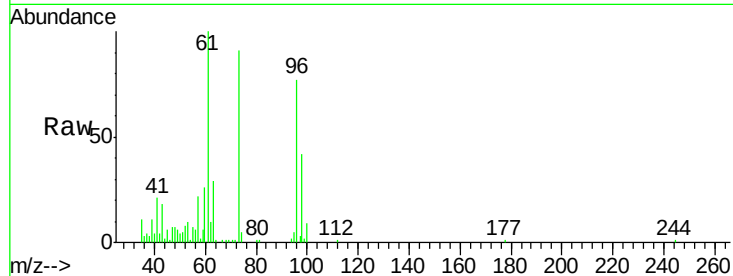
ClientSampleId :

VW0111SBSD02

Tot Ion:	96	Resp:	23797
Ion	Ratio	Lower	Upper
96	100		
61	130.6	117.4	176.0
98	54.4	52.2	78.4

Manual Integrations
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#22

Diisopropyl ether

Concen: 21.845 ug/l

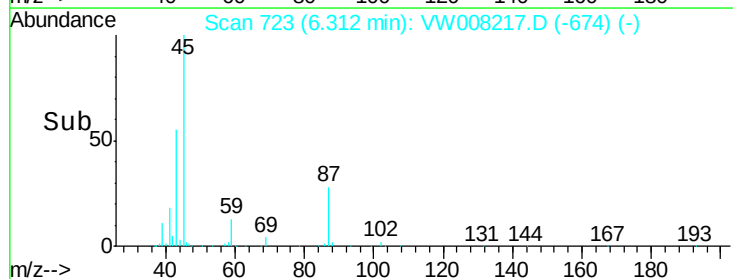
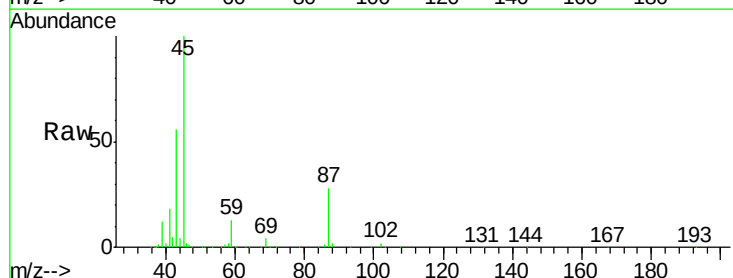
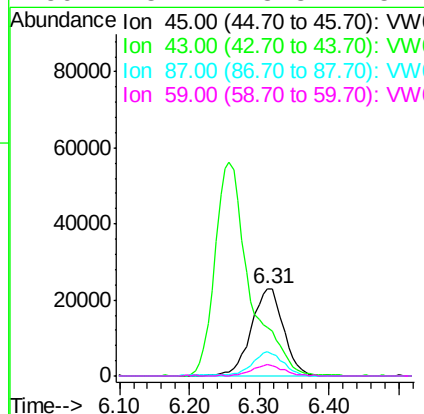
RT: 6.31 min Scan# 723

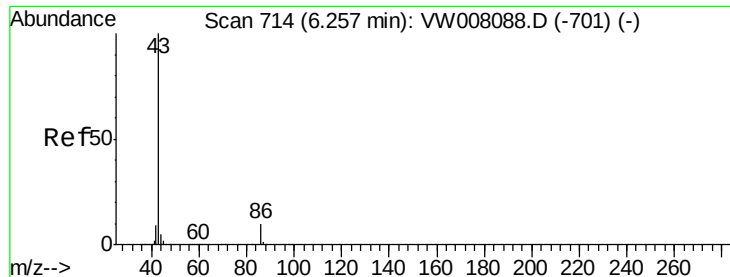
Delta R.T. 0.00 min

Lab File: VW008217.D

Acq: 12 Jan 2019 03:35

Tgt Ion:	45	Resp:	73911
Ion	Ratio	Lower	Upper
45	100		
43	54.5	41.7	62.5
87	28.3	20.1	30.1
59	13.1	8.8	13.2





#23

Vinyl Acetate

Concen: 108.873 ug/l

RT: 6.26 min Scan# 714

Delta R.T. 0.00 min

Lab File: VW008217.D

Acq: 12 Jan 2019 03:35

Instrument :

MSVOA_W

ClientSampleId :

VW0111SBSD02

Tot Ion: 43 Resp: 193467

Ion Ratio Lower Upper

43 100

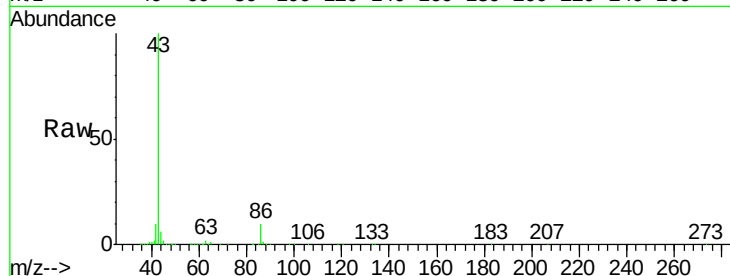
86 10.1 7.7 11.5

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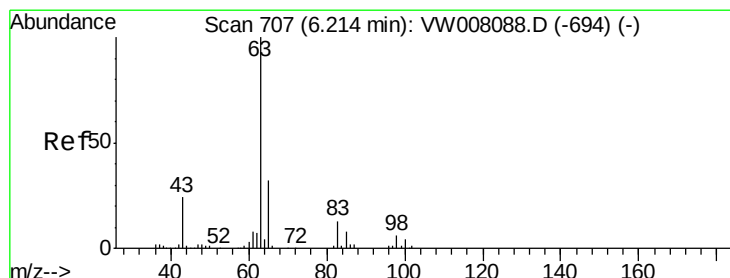
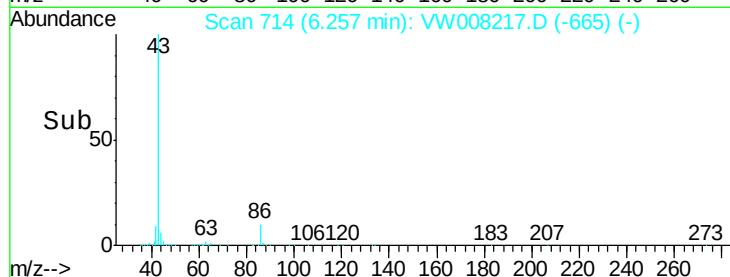
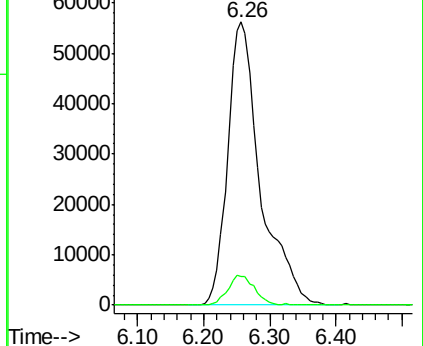
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Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW



#24

1,1-Dichloroethane

Concen: 21.901 ug/l

RT: 6.21 min Scan# 707

Delta R.T. 0.00 min

Lab File: VW008217.D

Acq: 12 Jan 2019 03:35

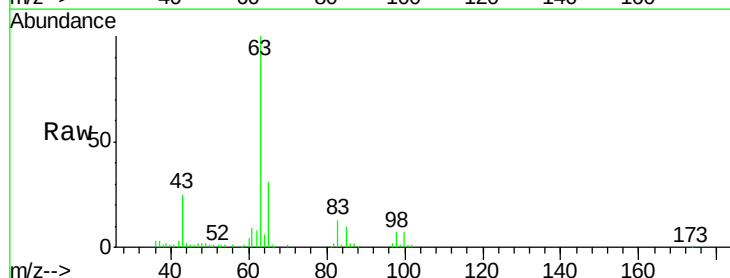
Tgt Ion: 63 Resp: 43175

Ion Ratio Lower Upper

63 100

98 7.0 3.2 9.6

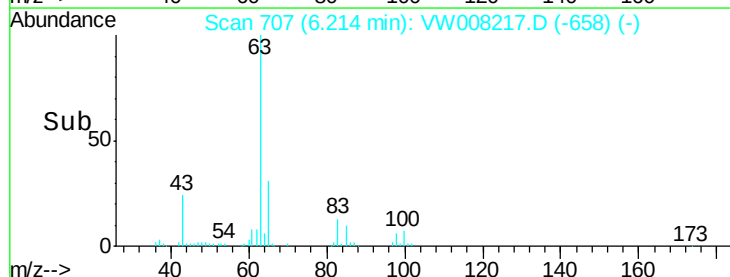
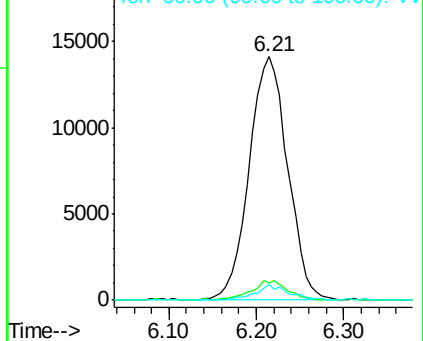
100 6.5 2.0 6.0#

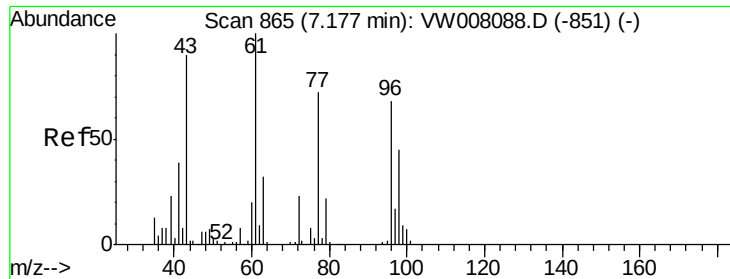


Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW





#25

2-Butanone

Concen: 105.863 ug/l

RT: 7.18 min Scan# 865

Delta R.T. 0.00 min

Lab File: VW008217.D

Acq: 12 Jan 2019 03:35

Instrument :

MSVOA_W

ClientSampleId :

VW0111SBSD02

Tot Ion: 43 Resp: 29538

Ion Ratio Lower Upper

43 100

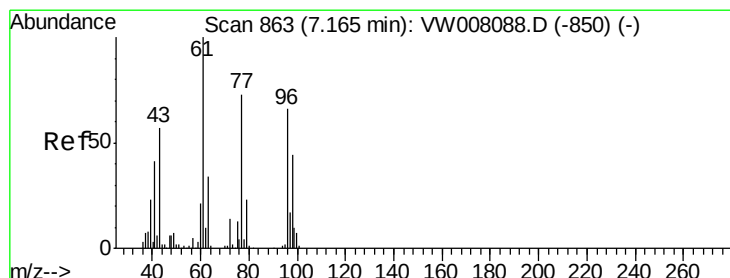
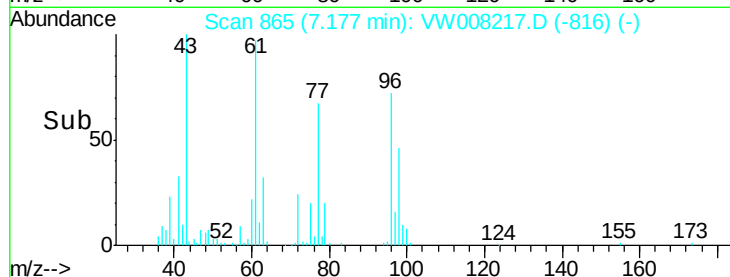
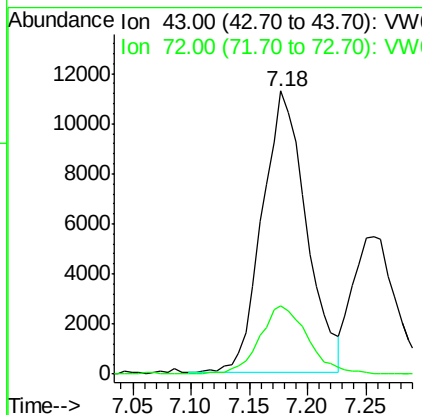
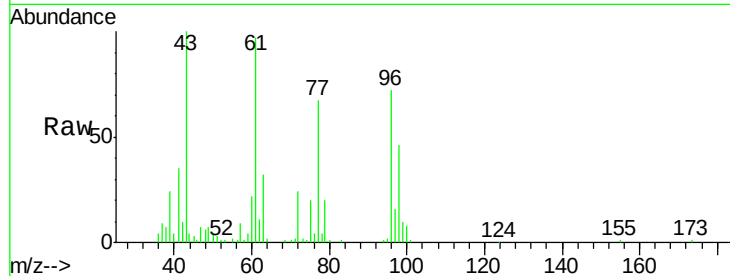
72 24.5 20.5 30.7

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 19.676 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.01 min

Lab File: VW008217.D

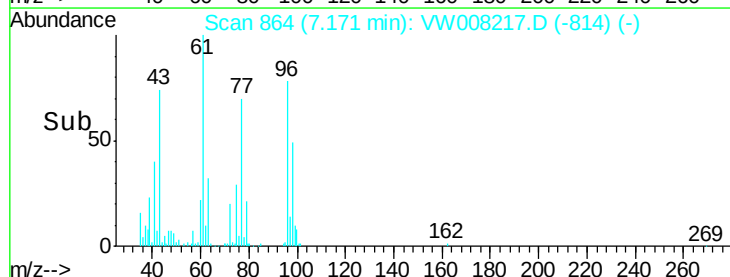
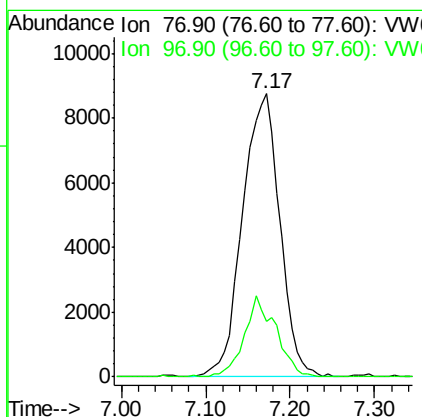
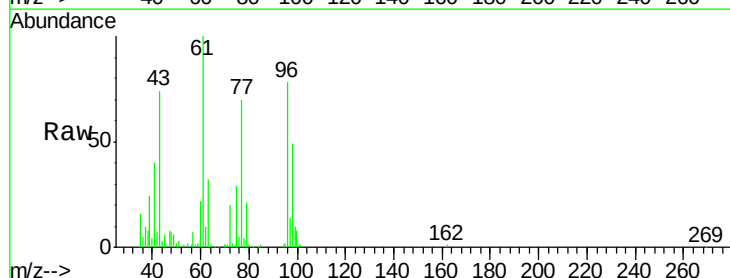
Acq: 12 Jan 2019 03:35

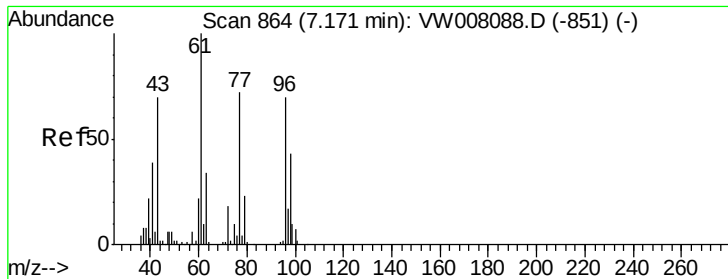
Tgt Ion: 77 Resp: 26283

Ion Ratio Lower Upper

77 100

97 24.3 11.4 34.1





#27

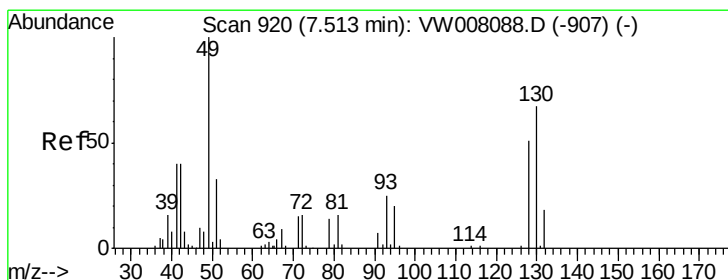
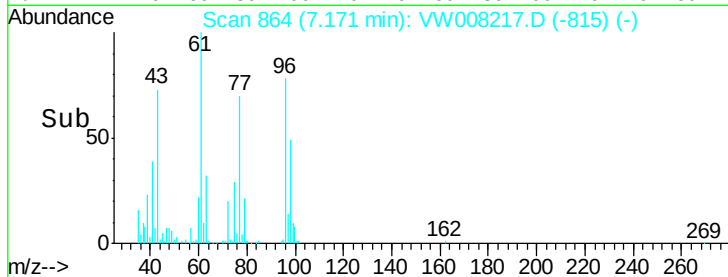
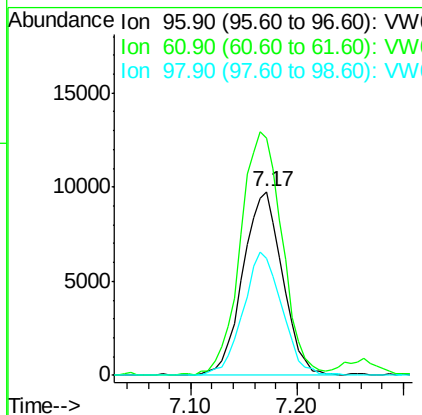
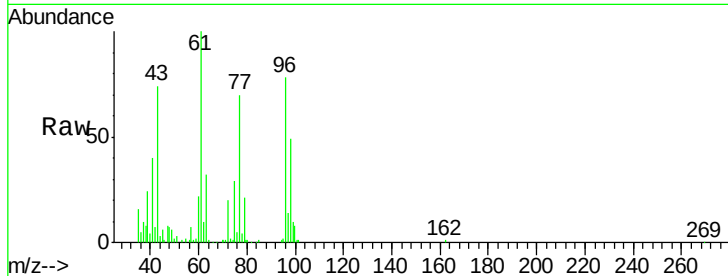
cis-1,2-Dichloroethene
Concen: 22.031 ug/l
RT: 7.17 min Scan# 864
Delta R.T. 0.00 min
Lab File: VW008217.D
Acq: 12 Jan 2019 03:35

Instrument :
MSVOA_W
ClientSampleId :
VW0111SBSD02

Tot Ion	Ratio	Lower	Upper
96	100		
61	139.6	0.0	300.4
98	66.0	0.0	128.4

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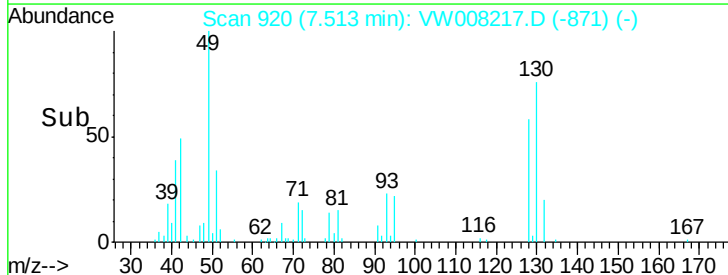
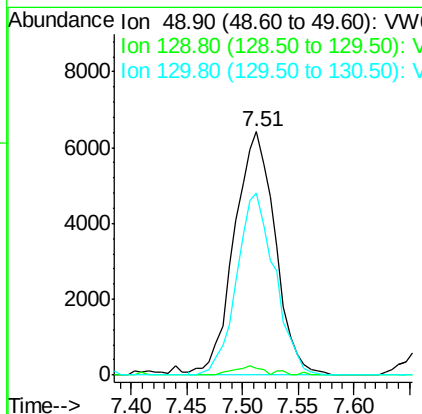
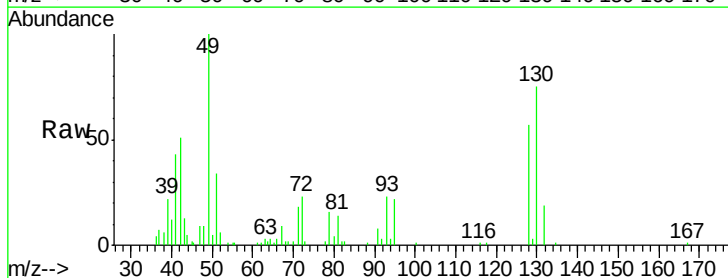
apatel
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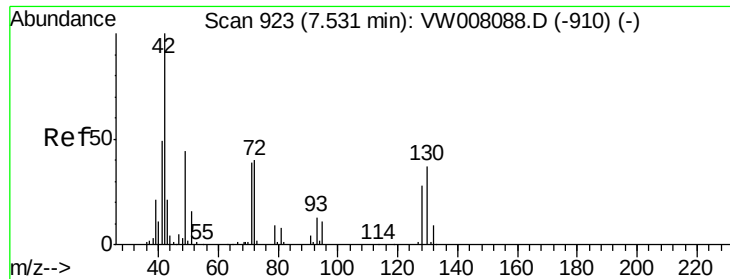


#28

Bromochloromethane
Concen: 21.000 ug/l
RT: 7.51 min Scan# 920
Delta R.T. 0.00 min
Lab File: VW008217.D
Acq: 12 Jan 2019 03:35

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.5	0.0	2.8
130	69.9	54.3	81.5





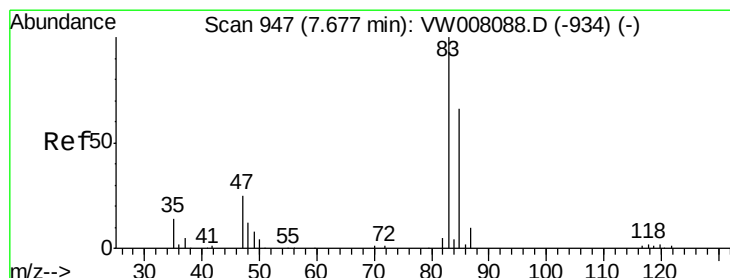
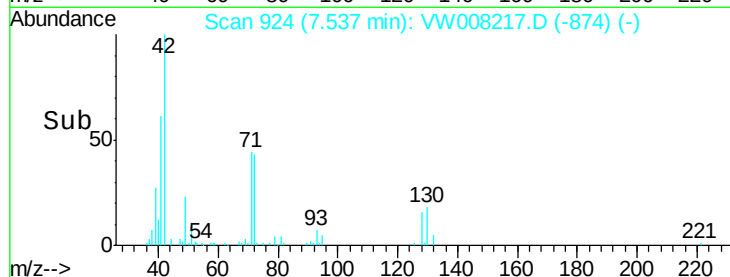
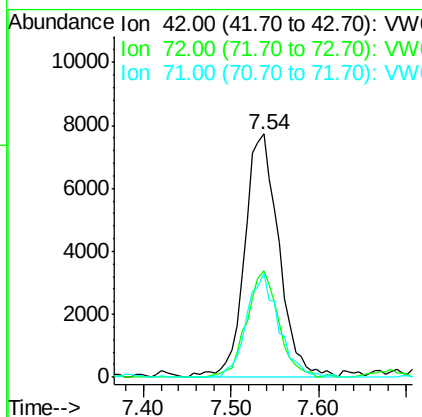
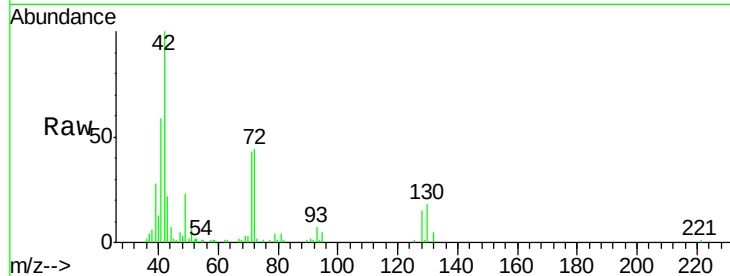
#29
Tetrahydrofuran
Concen: 112.742 ug/l
RT: 7.54 min Scan# 924
Delta R.T. 0.01 min
Lab File: VW008217.D
Acq: 12 Jan 2019 03:35

Instrument :
MSVOA_W
ClientSampleId :
VW0111SBSD02

Tot Ion	Ratio	Lower	Upper
42	100		
72	41.0	32.4	48.6
71	40.2	31.3	46.9

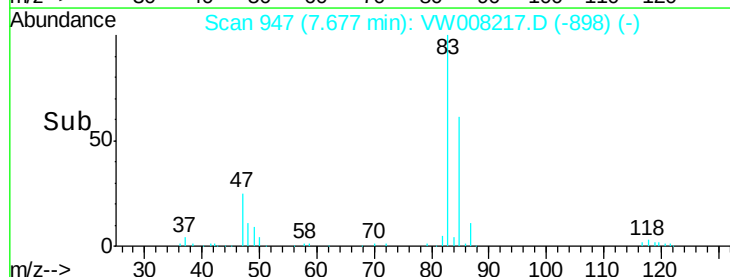
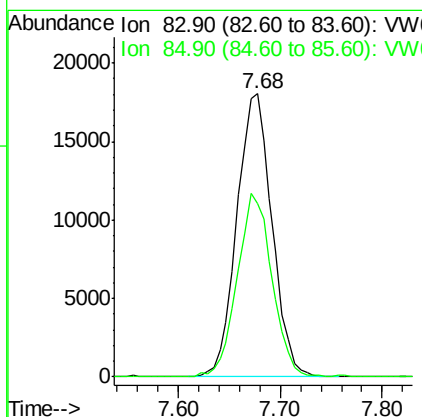
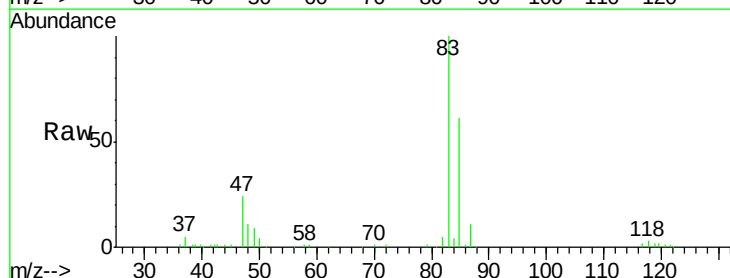
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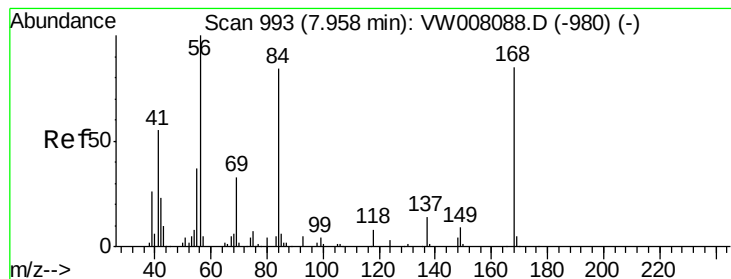
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#30
Chloroform
Concen: 22.932 ug/l
RT: 7.68 min Scan# 947
Delta R.T. 0.00 min
Lab File: VW008217.D
Acq: 12 Jan 2019 03:35

Tgt Ion	Ratio	Lower	Upper
83	100		
85	61.2	53.2	79.8





#31

Cyclohexane

Concen: 18.815 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.01 min

Lab File: VW008217.D

Acq: 12 Jan 2019 03:35

Instrument :

MSVOA_W

ClientSampleId :

VW0111SBSD02

Tot Ion: 56 Resp: 39707

Ion Ratio Lower Upper

56 100

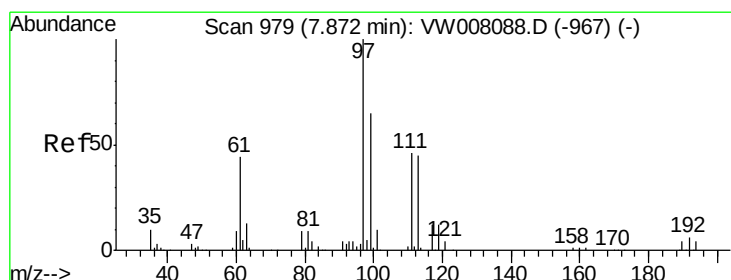
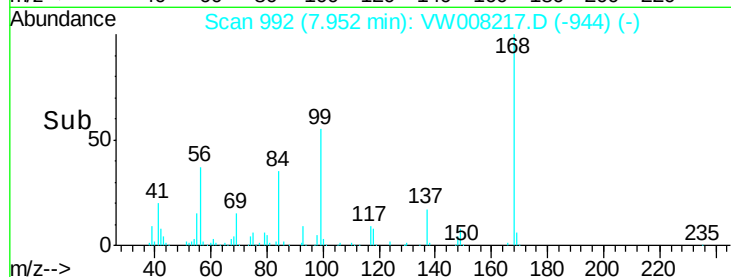
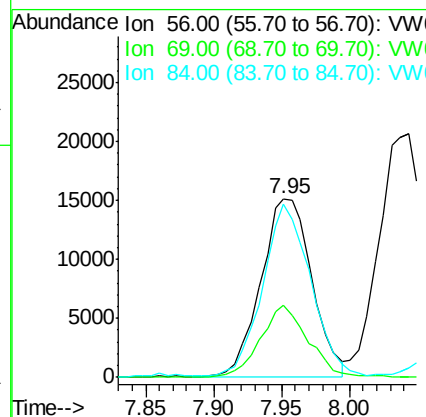
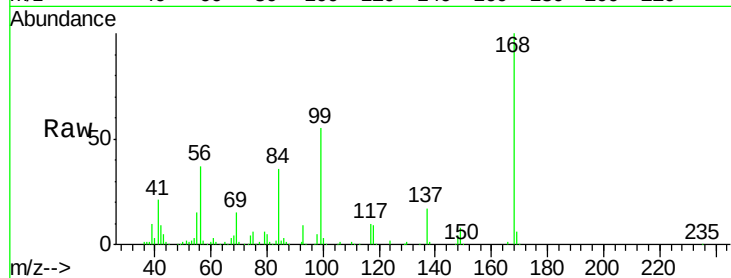
69 40.4 26.2 39.4#

84 95.7 67.4 101.2

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#32

1,1,1-Trichloroethane

Concen: 21.726 ug/l

RT: 7.87 min Scan# 979

Delta R.T. 0.00 min

Lab File: VW008217.D

Acq: 12 Jan 2019 03:35

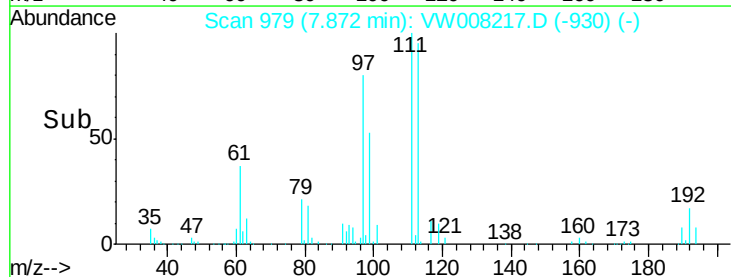
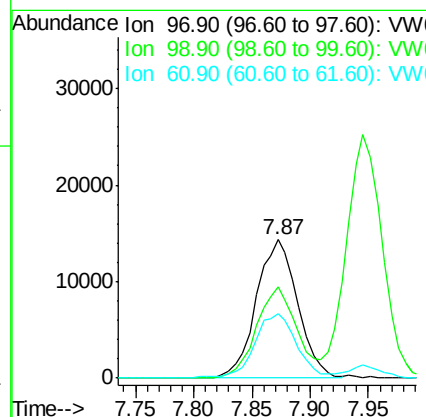
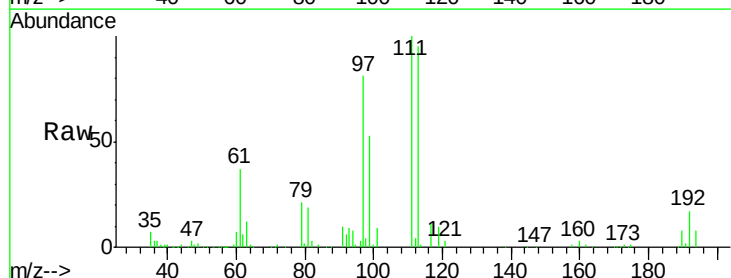
Tgt Ion: 97 Resp: 35474

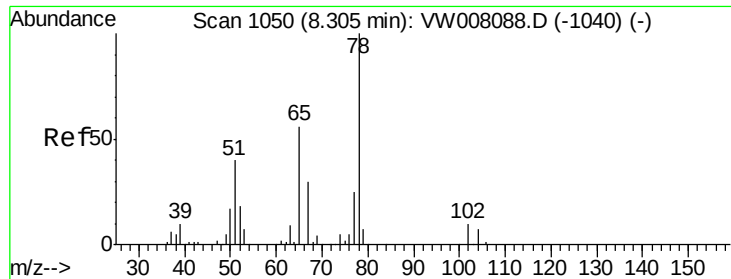
Ion Ratio Lower Upper

97 100

99 65.3 51.4 77.0

61 46.6 35.6 53.4





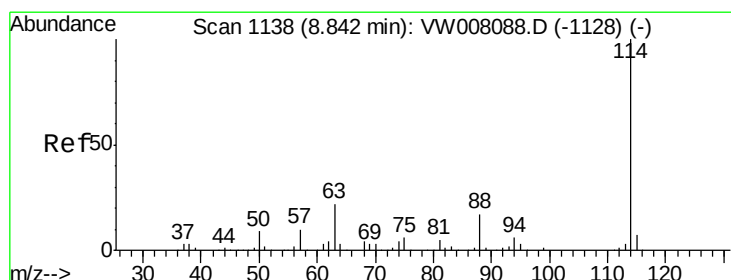
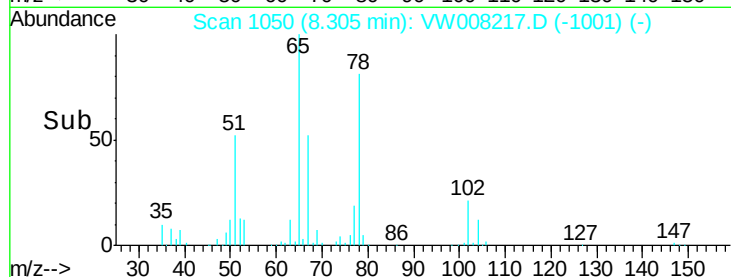
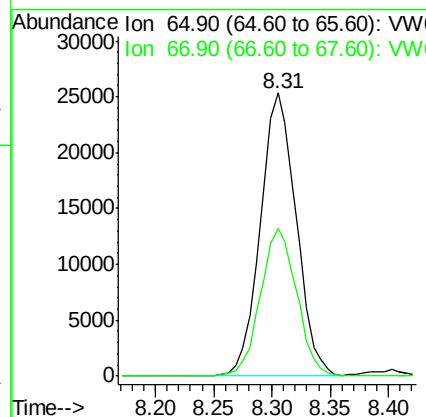
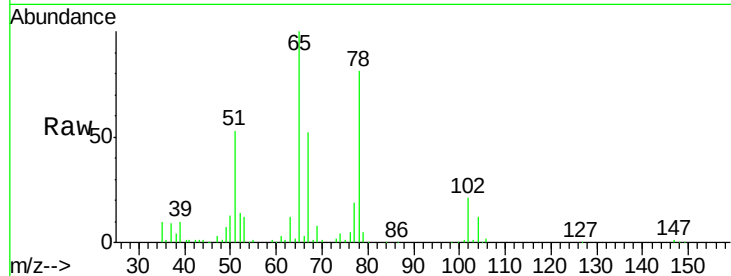
#33
 1,2-Dichloroethane-d4
 Concen: 53.858 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VW008217.D
 Acq: 12 Jan 2019 03:35

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0111SBSD02

Tot Ion	Ratio	Resp	Lower	Upper
65	100	54011		
67	52.9	0.0	106.8	

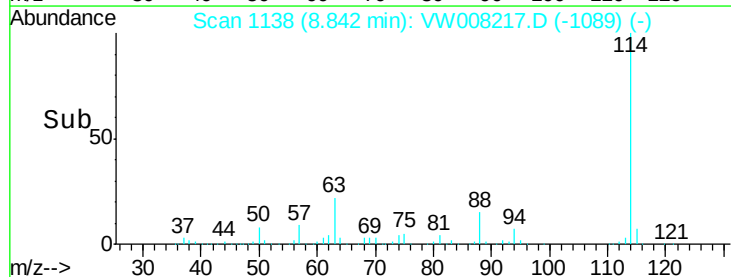
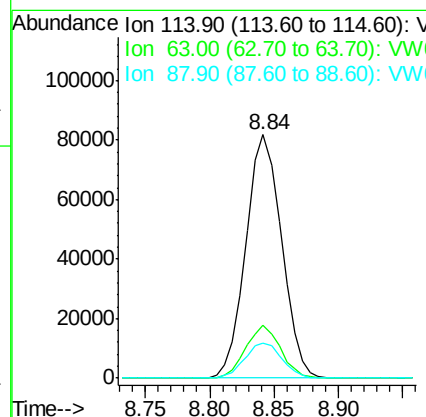
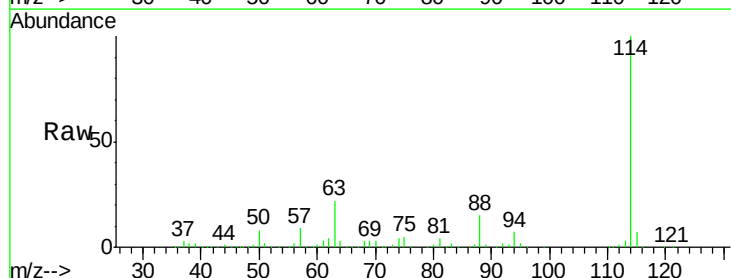
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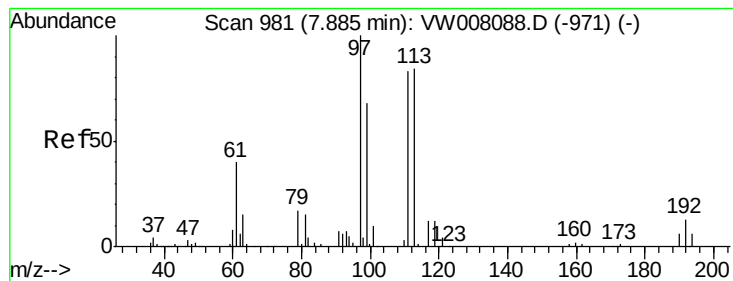
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW008217.D
 Acq: 12 Jan 2019 03:35

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	157358		
63	21.9	0.0	43.4	
88	14.5	0.0	33.4	





#35

Dibromofluoromethane

Concen: 56.876 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.00 min

Lab File: VW008217.D

Acq: 12 Jan 2019 03:35

Instrument :

MSVOA_W

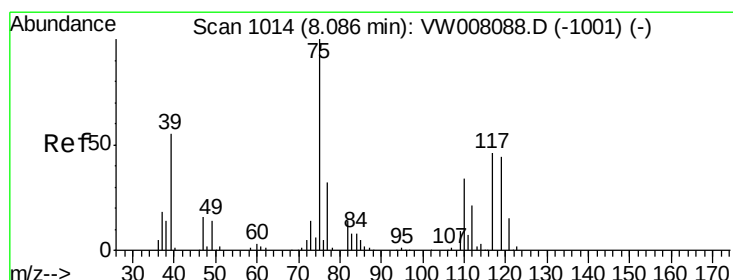
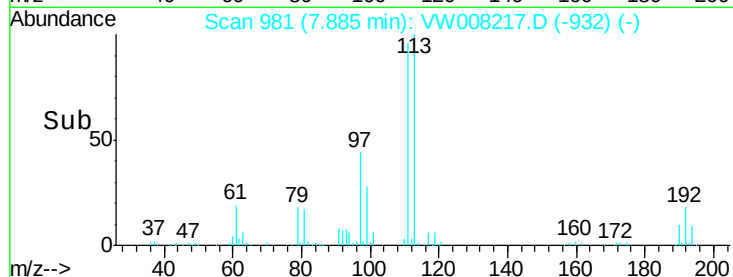
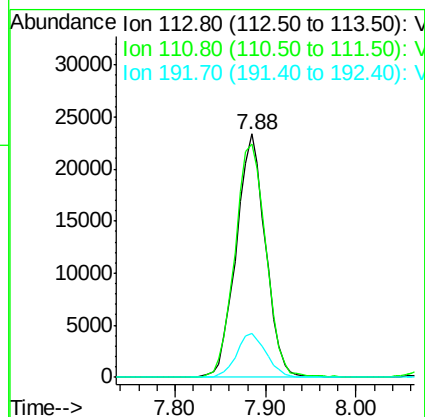
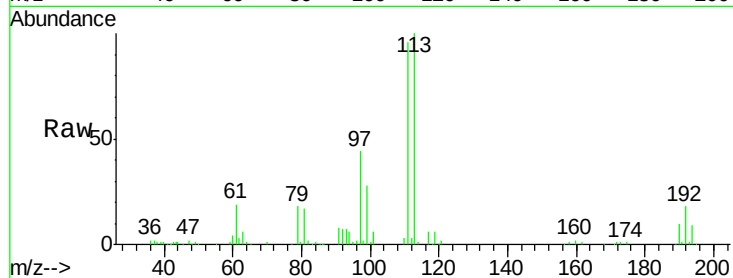
ClientSampleId :

VW0111SBSD02

Tot Ion:	113	Resp:	52199
Ion	Ratio	Lower	Upper
113	100		
111	101.9	81.8	122.8
192	18.3	12.8	19.2

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#36

1,1-Dichloropropene

Concen: 20.718 ug/l

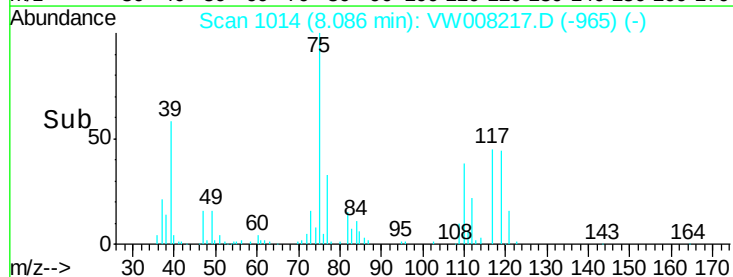
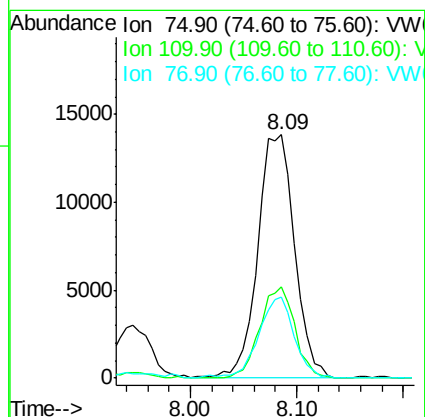
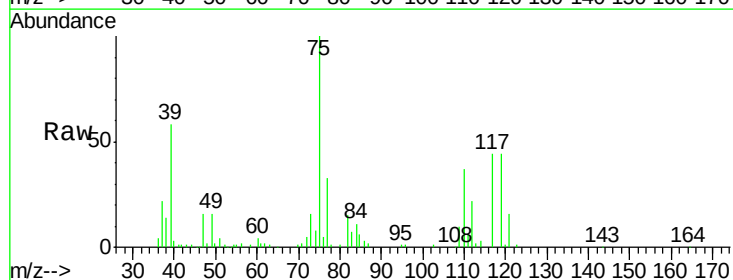
RT: 8.09 min Scan# 1014

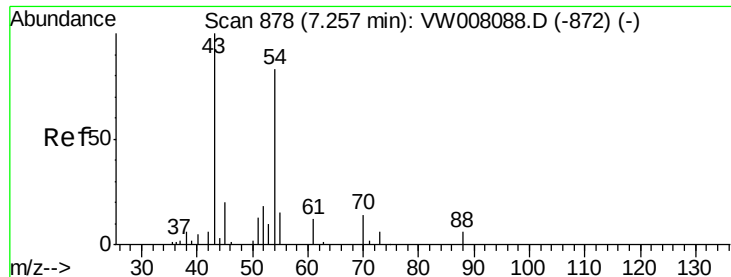
Delta R.T. 0.00 min

Lab File: VW008217.D

Acq: 12 Jan 2019 03:35

Tgt Ion:	75	Resp:	33582
Ion	Ratio	Lower	Upper
75	100		
110	35.6	17.1	51.3
77	31.9	25.5	38.3





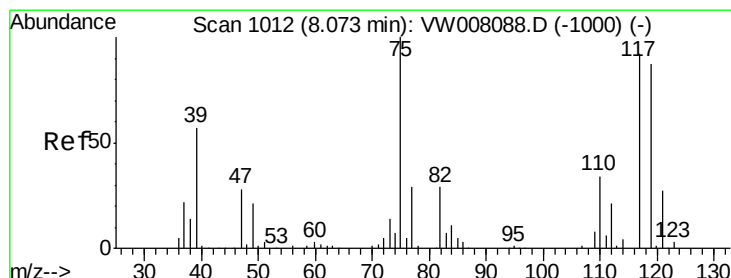
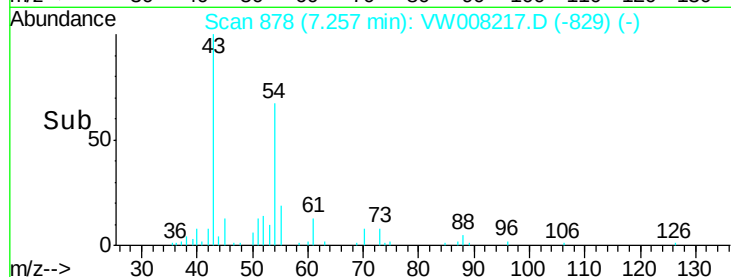
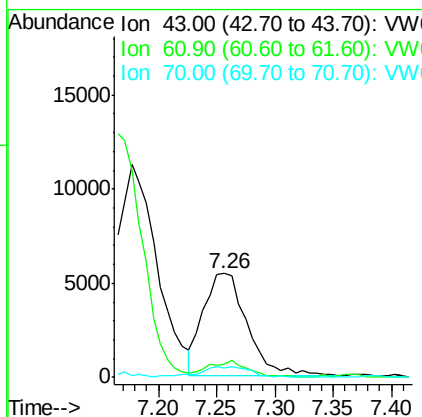
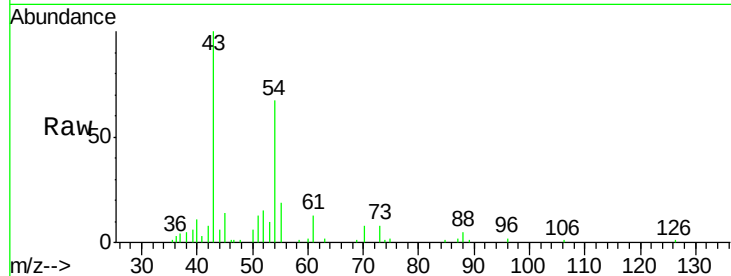
#37
Ethyl Acetate
Concen: 21.686 ug/l
RT: 7.26 min Scan# 878
Delta R.T. 0.00 min
Lab File: VW008217.D
Acq: 12 Jan 2019 03:35

Instrument :
MSVOA_W
ClientSampleId :
VW0111SBSD02

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.8	10.6	16.0
70	5.1	8.9	13.3#

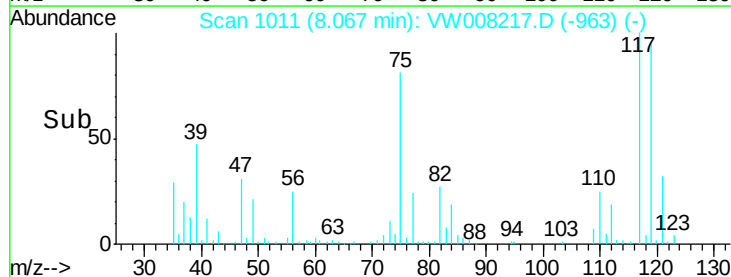
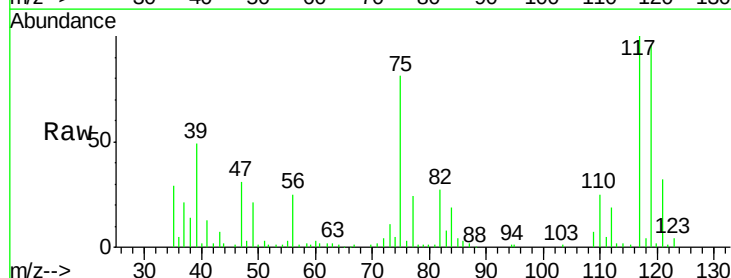
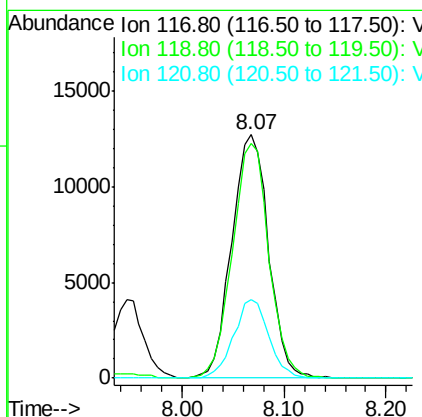
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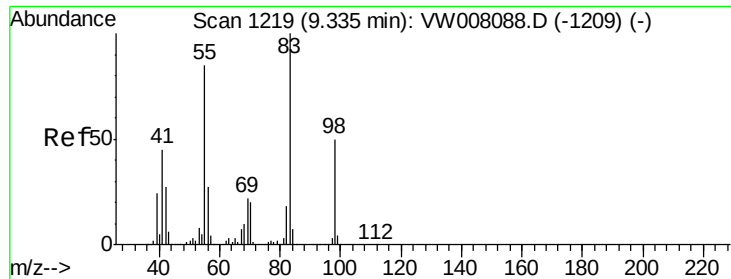
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#38
Carbon Tetrachloride
Concen: 21.433 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.01 min
Lab File: VW008217.D
Acq: 12 Jan 2019 03:35

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.3	75.8	113.8
121	32.1	23.7	35.5





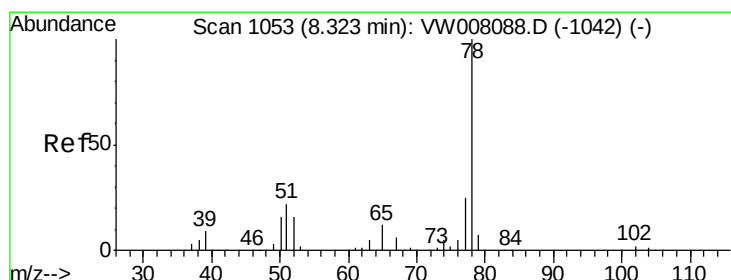
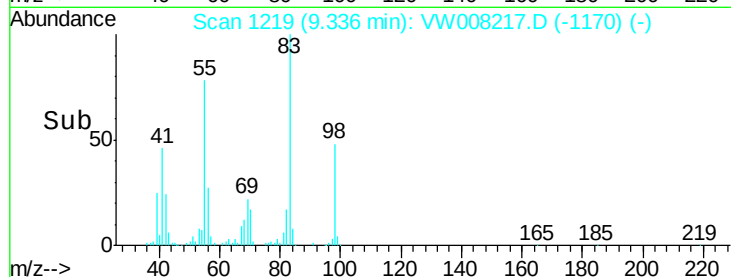
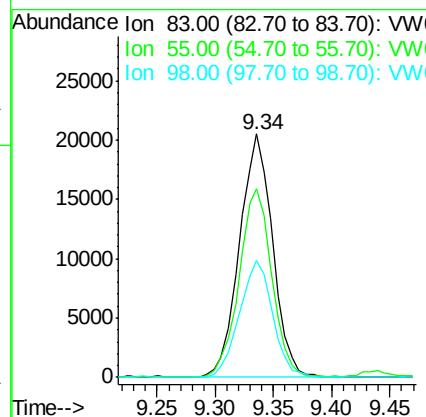
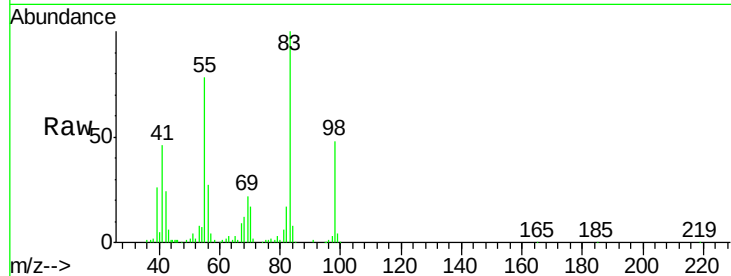
#39
Methylvlcyclohexane
Concen: 19.818 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. 0.00 min
Lab File: VW008217.D
Acq: 12 Jan 2019 03:35

Instrument :
MSVOA_W
ClientSampleId :
VW0111SBSD02

Tot Ion	Ratio	Lower	Upper
83	100		
55	77.5	67.8	101.6
98	47.9	40.2	60.4

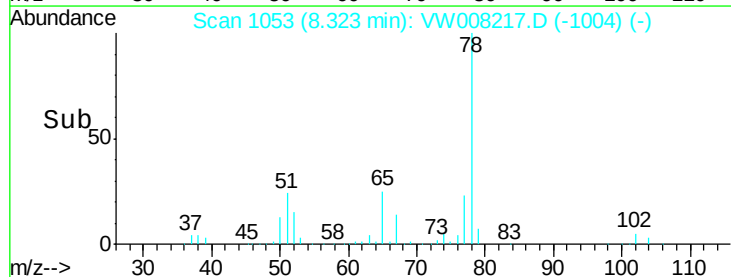
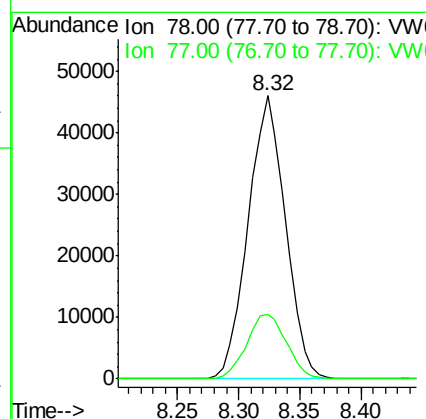
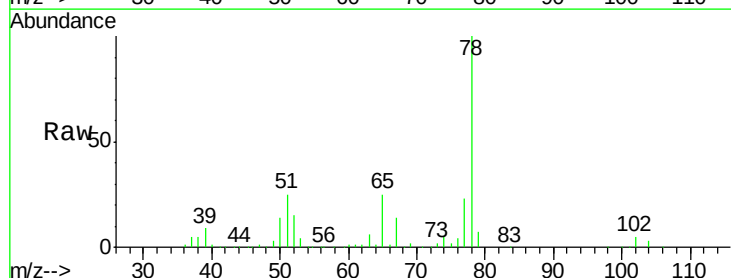
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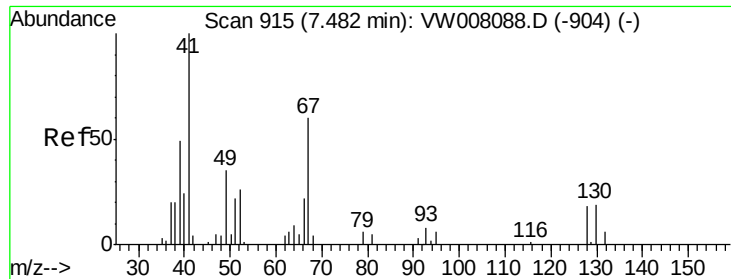
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#40
Benzene
Concen: 22.281 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. 0.00 min
Lab File: VW008217.D
Acq: 12 Jan 2019 03:35

Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.8	20.2	30.4





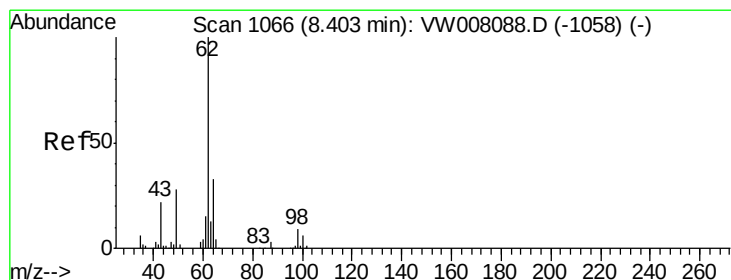
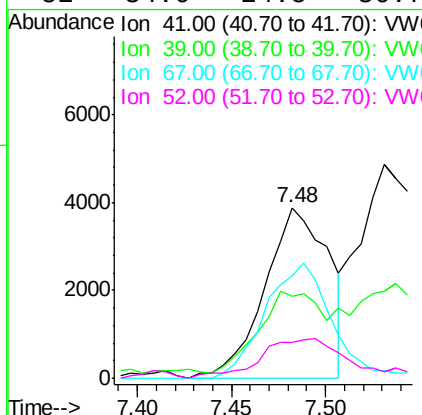
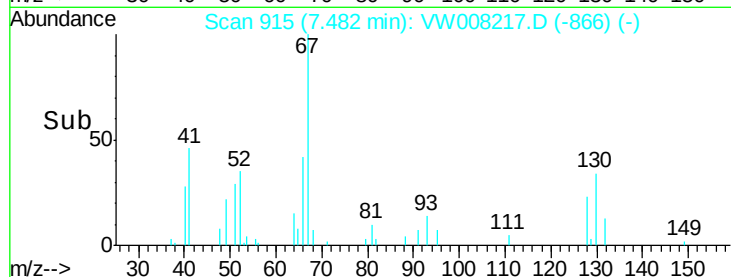
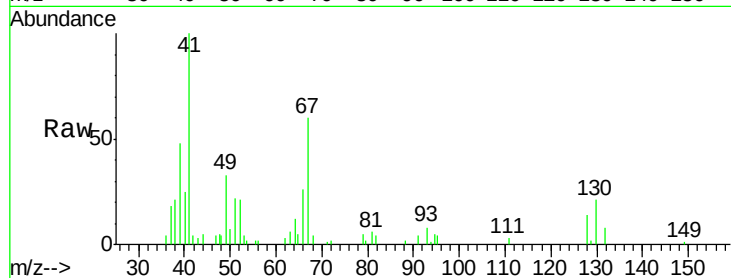
#41
Methacrylonitrile
Concen: 22.290 ug/l
RT: 7.48 min Scan# 915
Delta R.T. 0.00 min
Lab File: VW008217.D
Acq: 12 Jan 2019 03:35

Instrument :
MSVOA_W
ClientSampleId :
VW0111SBSD02

Tot Ion:	41	Resp:	9144
Ion	Ratio	Lower	Upper
41	100		
39	46.7	47.9	71.9#
67	70.2	56.3	84.5
52	34.0	24.5	36.7

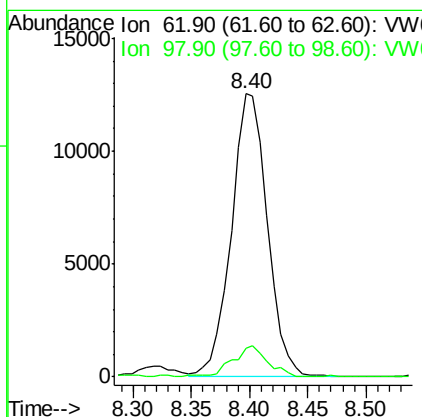
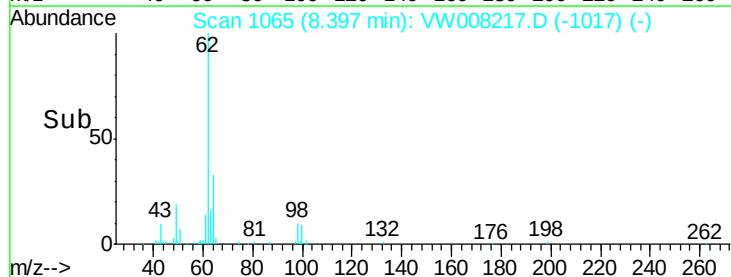
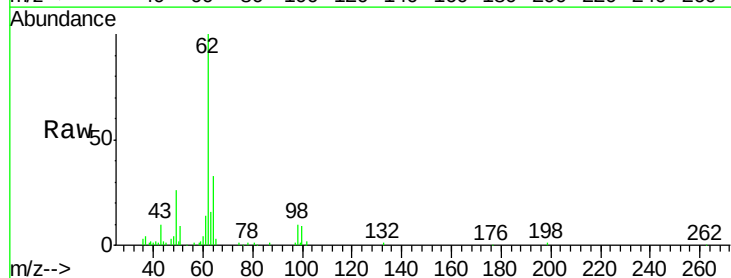
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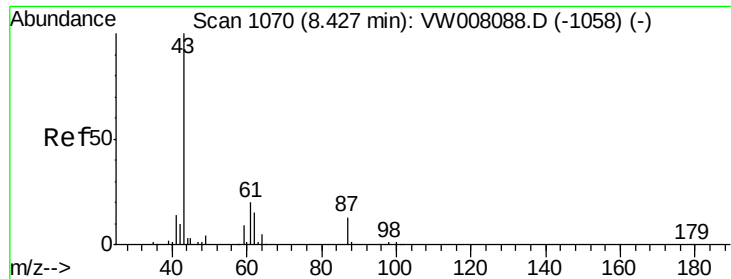
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#42
1,2-Dichloroethane
Concen: 21.881 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. -0.01 min
Lab File: VW008217.D
Acq: 12 Jan 2019 03:35

Tgt Ion:	62	Resp:	27056
Ion	Ratio	Lower	Upper
62	100		
98	10.7	0.0	18.6





#43

Isopropyl Acetate

Concen: 21.450 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. 0.00 min

Lab File: VW008217.D

Acq: 12 Jan 2019 03:35

Instrument :

MSVOA_W

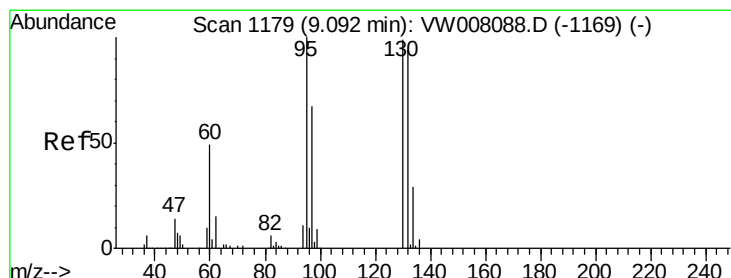
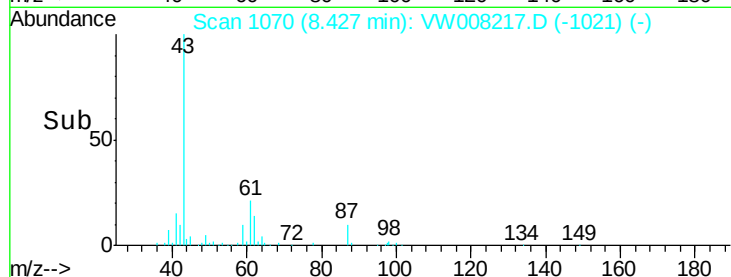
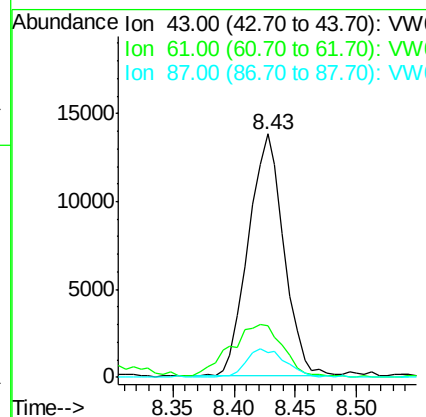
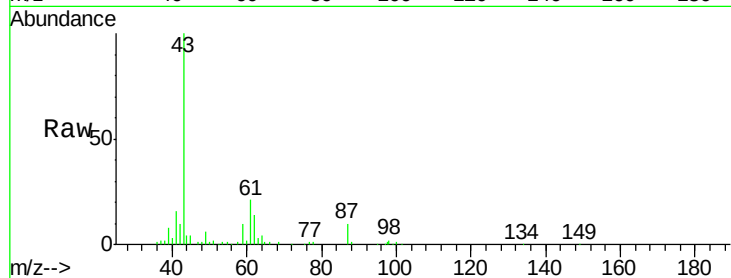
ClientSampleId :

VW0111SBSD02

Tot Ion:	43	Resp:	27851
Ion	Ratio	Lower	Upper
43	100		
61	32.9	24.8	37.2
87	13.1	10.4	15.6

Manual Integrations
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#44

Trichloroethene

Concen: 22.546 ug/l

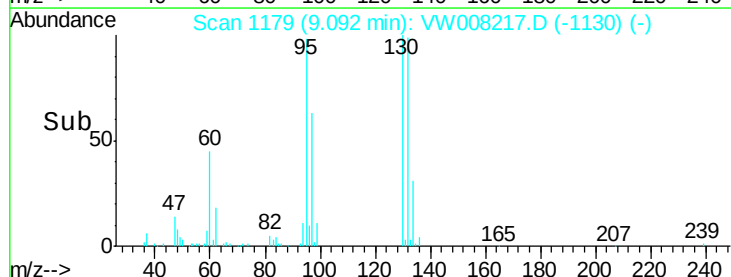
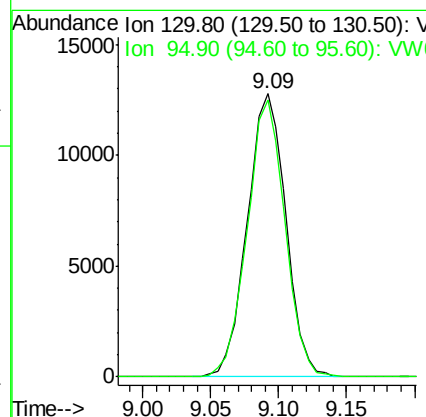
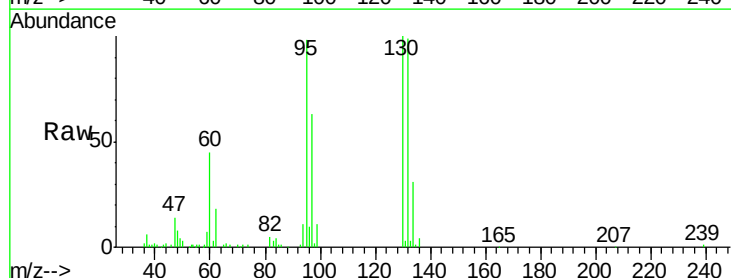
RT: 9.09 min Scan# 1179

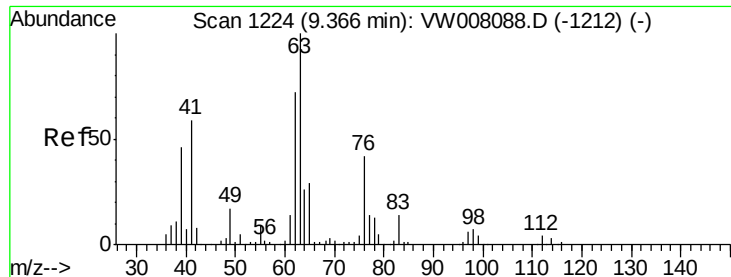
Delta R.T. 0.00 min

Lab File: VW008217.D

Acq: 12 Jan 2019 03:35

Tgt Ion:	130	Resp:	25374
Ion	Ratio	Lower	Upper
130	100		
95	97.6	0.0	202.8





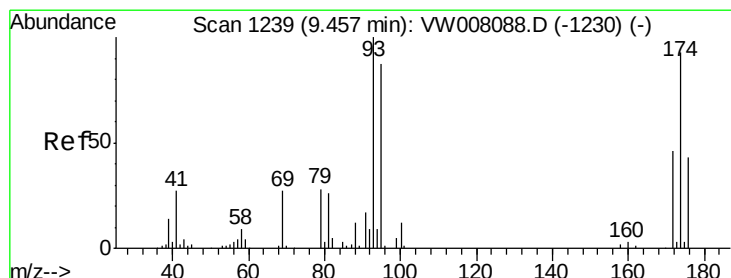
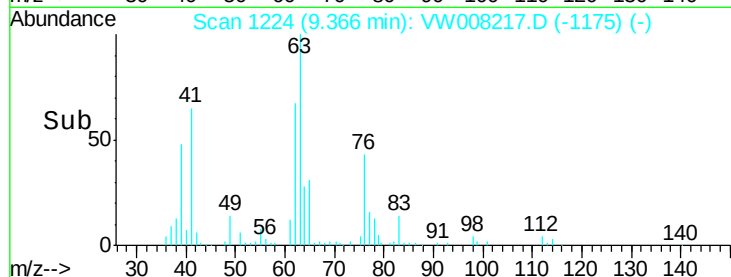
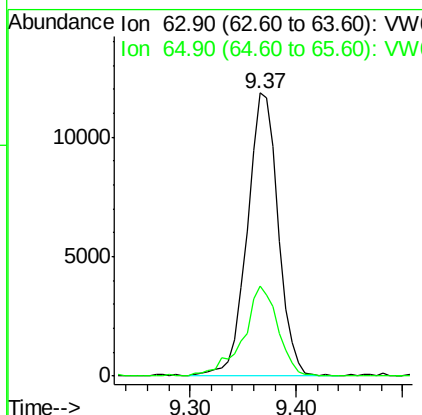
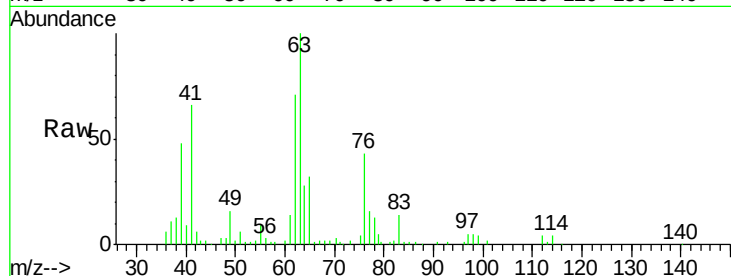
#45
 1,2-Dichloropropane
 Concen: 22.238 ug/l
 RT: 9.37 min Scan# 1224
 Delta R.T. 0.00 min
 Lab File: VW008217.D
 Acq: 12 Jan 2019 03:35

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0111SBSD02

Tot Ion	Ratio	Lower	Upper
63	100		
65	32.0	23.3	34.9

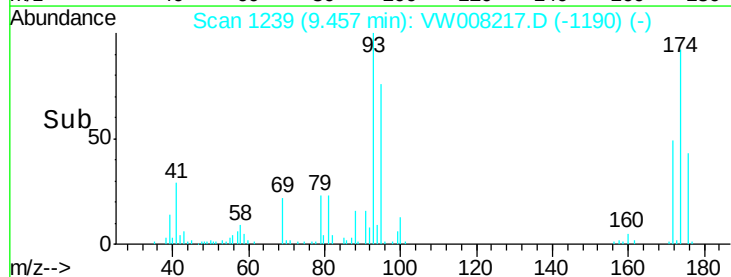
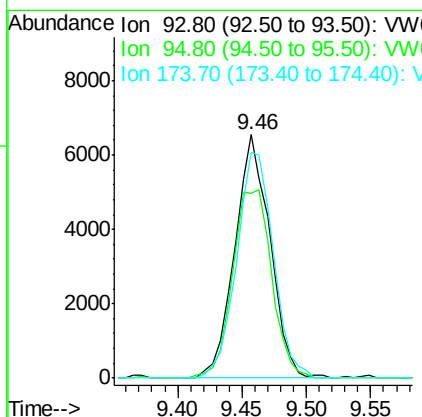
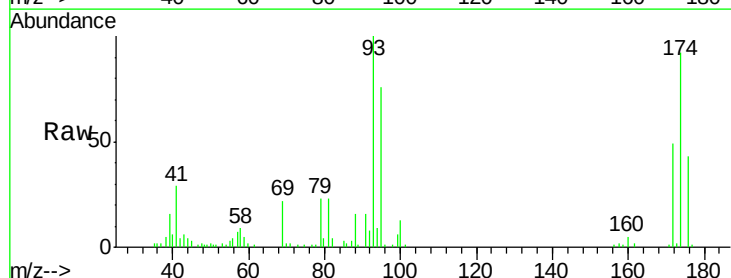
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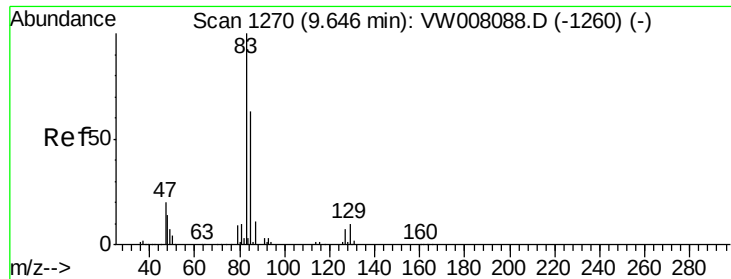
apatel
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#46
 Dibromomethane
 Concen: 23.203 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. 0.00 min
 Lab File: VW008217.D
 Acq: 12 Jan 2019 03:35

Tgt Ion	Ratio	Lower	Upper
93	100		
95	85.7	67.5	101.3
174	96.4	72.5	108.7





#47

Bromodichloromethane

Concen: 22.296 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. 0.00 min

Lab File: VW008217.D

Acq: 12 Jan 2019 03:35

Instrument :

MSVOA_W

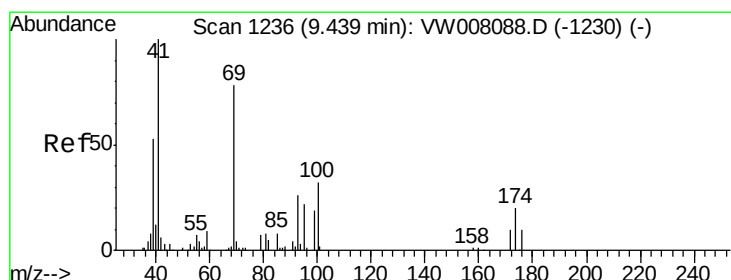
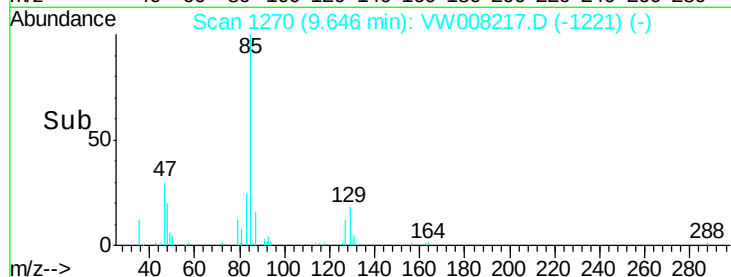
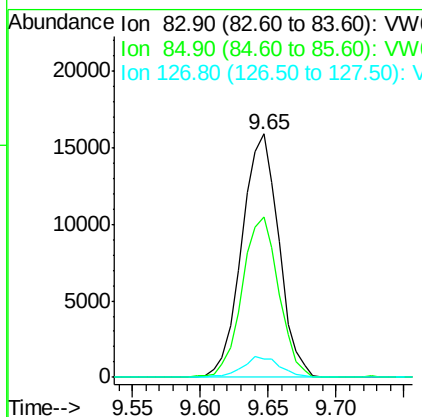
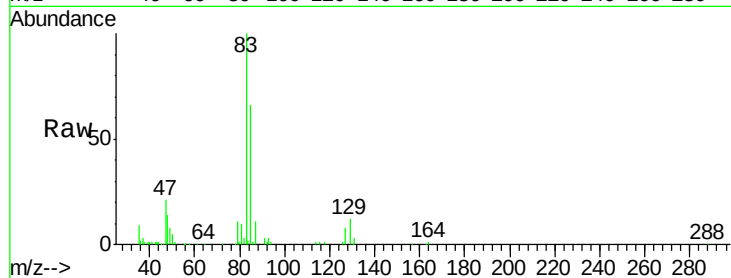
ClientSampleId :

VW0111SBSD02

Tot Ion:	83	Resp:	30309
Ion	Ratio	Lower	Upper
83	100		
85	65.6	50.7	76.1
127	7.6	6.0	9.0

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#48

Methyl methacrylate

Concen: 21.604 ug/l

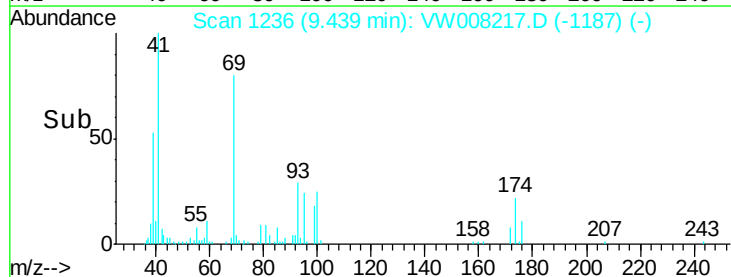
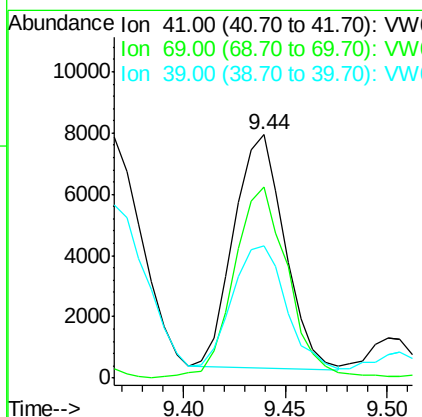
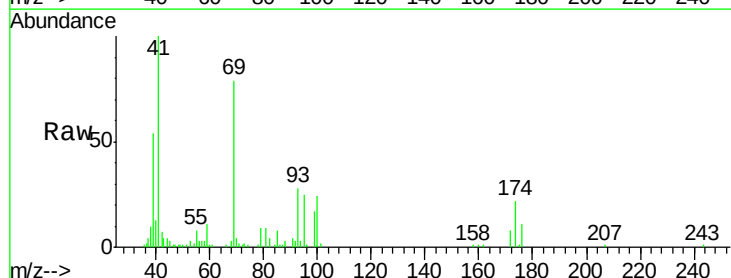
RT: 9.44 min Scan# 1236

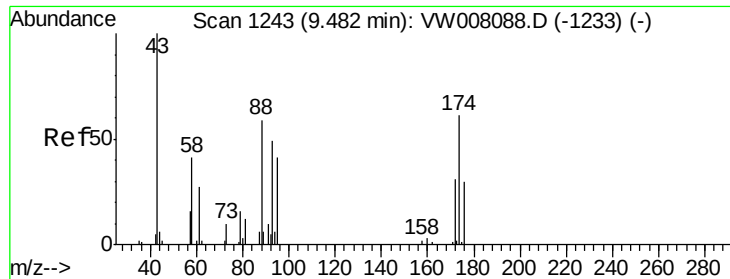
Delta R.T. 0.00 min

Lab File: VW008217.D

Acq: 12 Jan 2019 03:35

Tgt Ion:	41	Resp:	13236
Ion	Ratio	Lower	Upper
41	100		
69	86.7	61.9	92.9
39	61.7	43.0	64.4





#49

1,4-Dioxane

Concen: 477.250 ug/l

RT: 9.47 min Scan# 1241

Delta R.T. -0.01 min

Lab File: VW008217.D

Acq: 12 Jan 2019 03:35

Instrument :

MSVOA_W

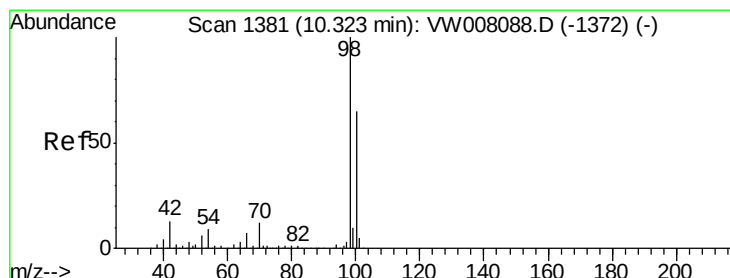
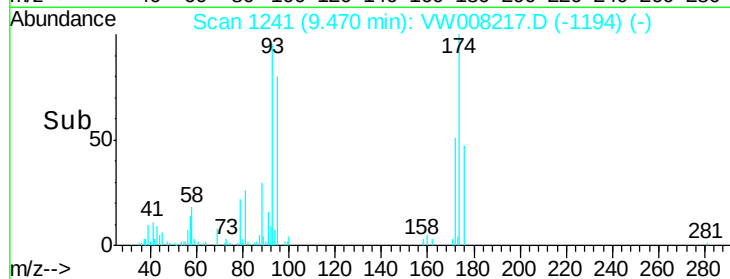
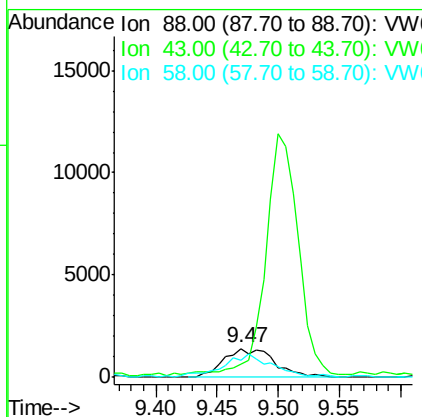
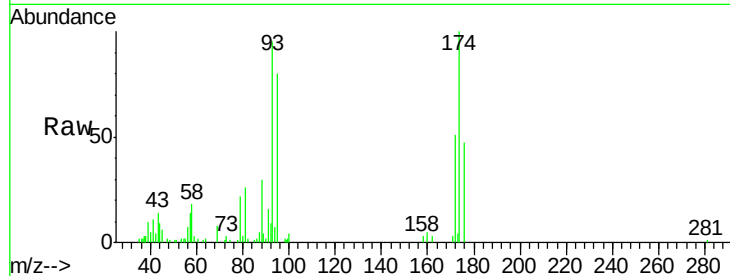
ClientSampleId :

VW0111SBSD02

Tot Ion	88	Resp	4109
Ion	Ratio	Lower	Upper
88	100		
43	0.0	0.0	0.0
58	79.9	61.7	92.5

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#50

Toluene-d8

Concen: 54.905 ug/l

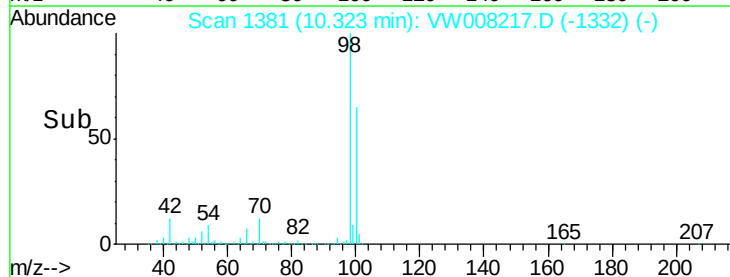
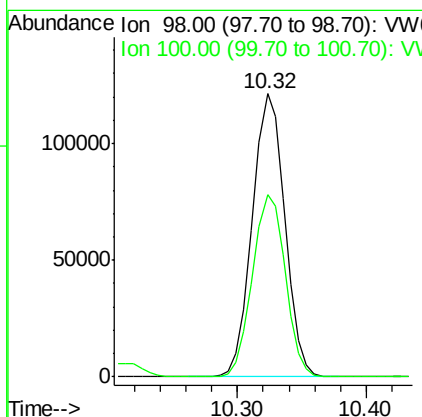
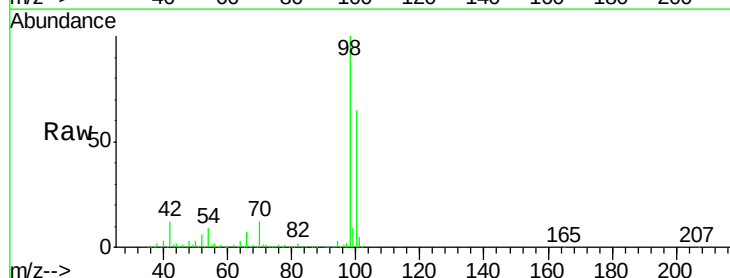
RT: 10.32 min Scan# 1381

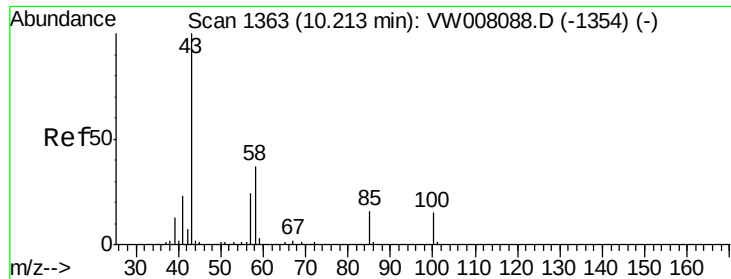
Delta R.T. 0.00 min

Lab File: VW008217.D

Acq: 12 Jan 2019 03:35

Tgt Ion	98	Resp	211459
Ion	Ratio	Lower	Upper
98	100		
100	65.2	51.7	77.5





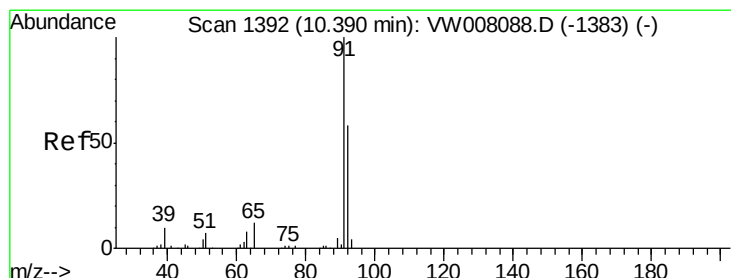
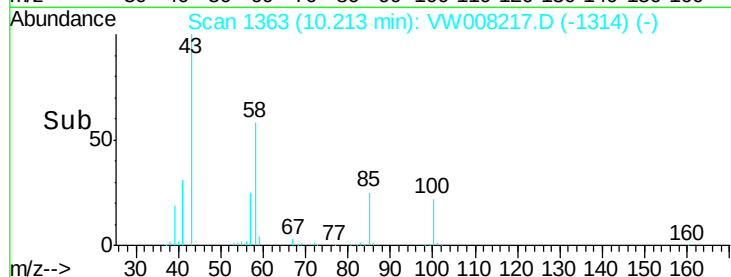
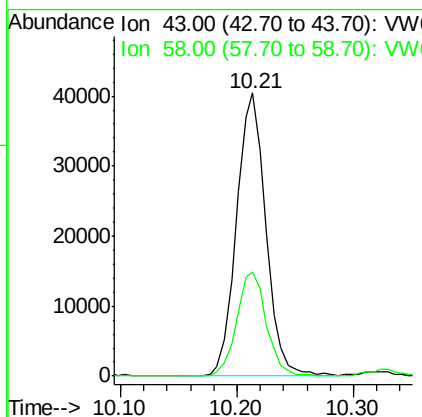
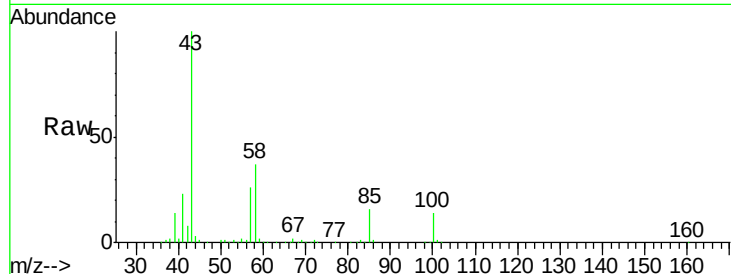
#51
4-Methyl-2-Pentanone
Concen: 113.283 ug/l
RT: 10.21 min Scan# 1363
Delta R.T. 0.00 min
Lab File: VW008217.D
Acq: 12 Jan 2019 03:35

Instrument :
MSVOA_W
ClientSampleId :
VW0111SBSD02

Tot Ion: 43 Resp: 71198
Ion Ratio Lower Upper
43 100
58 37.0 30.6 46.0

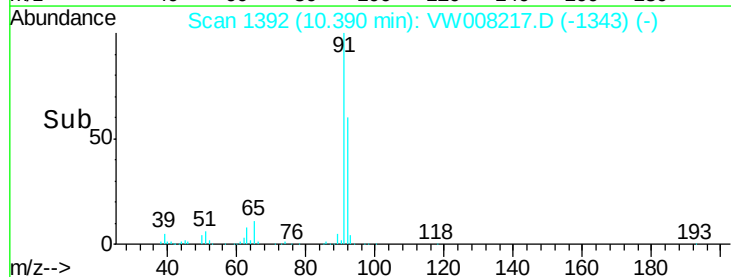
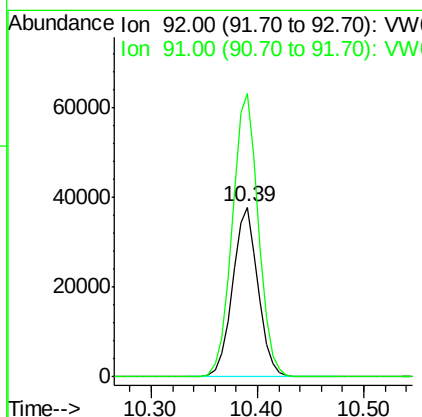
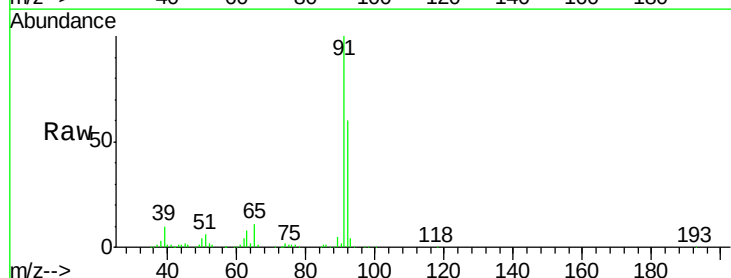
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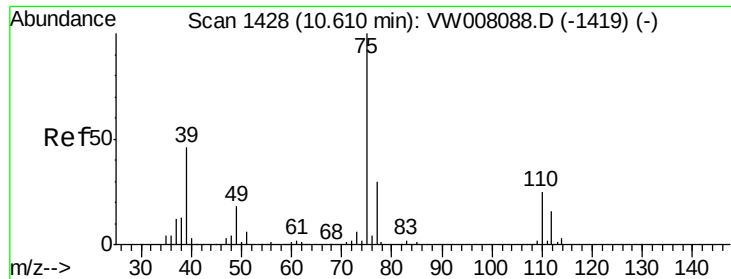
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#52
Toluene
Concen: 22.506 ug/l
RT: 10.39 min Scan# 1392
Delta R.T. 0.00 min
Lab File: VW008217.D
Acq: 12 Jan 2019 03:35

Tgt Ion: 92 Resp: 63190
Ion Ratio Lower Upper
92 100
91 171.2 137.0 205.4





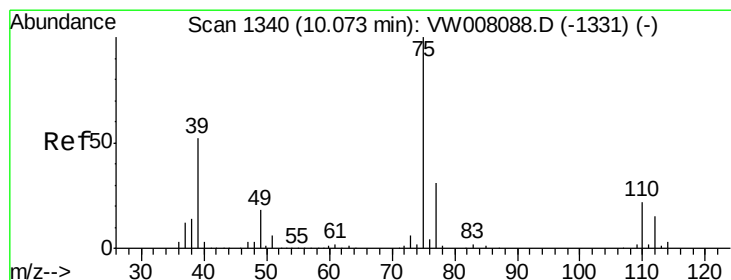
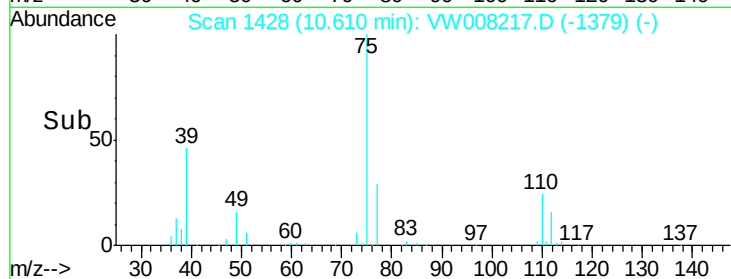
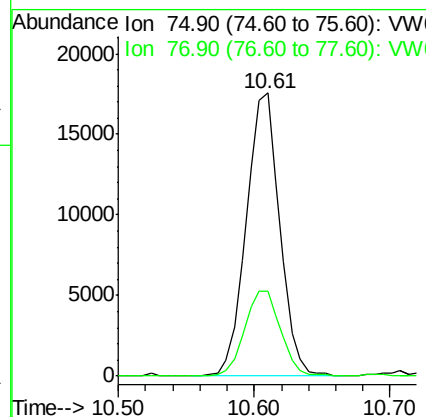
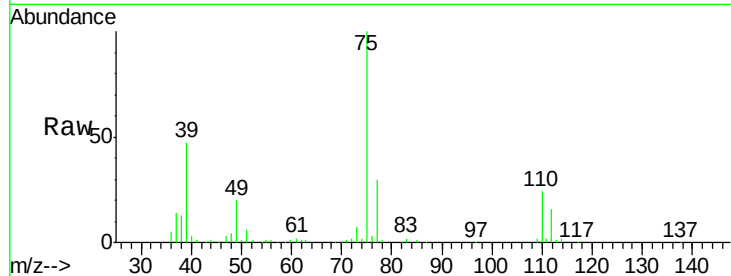
#53
 t-1,3-Dichloropropene
 Concen: 21.429 ug/l
 RT: 10.61 min Scan# 1428
 Delta R.T. 0.00 min
 Lab File: VW008217.D
 Acq: 12 Jan 2019 03:35

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0111SBSD02

Tot Ion	Ratio	Lower	Upper
75	100		
77	29.9	24.4	36.6

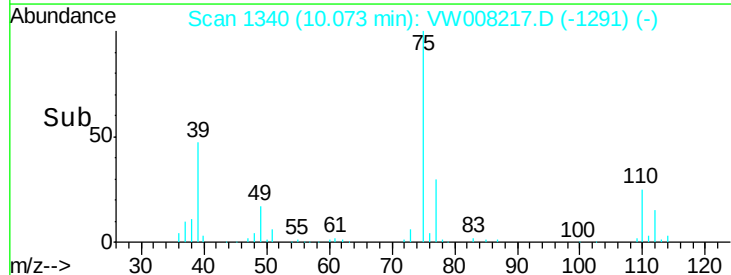
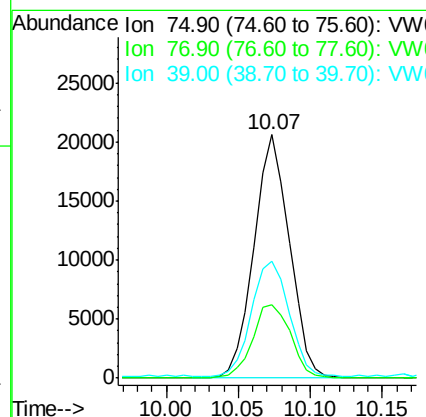
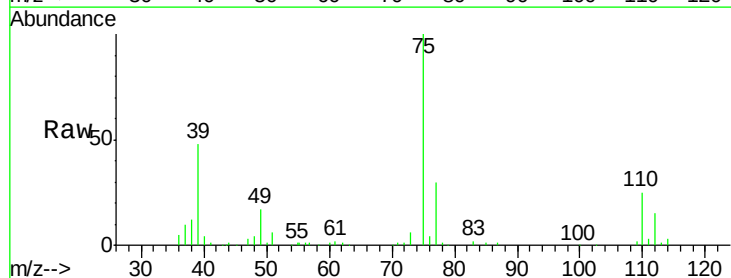
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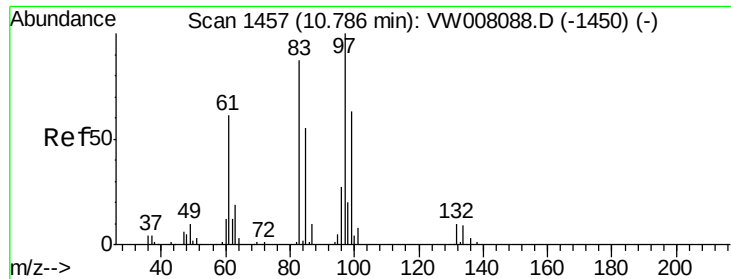
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#54
 cis-1,3-Dichloropropene
 Concen: 20.882 ug/l
 RT: 10.07 min Scan# 1340
 Delta R.T. 0.00 min
 Lab File: VW008217.D
 Acq: 12 Jan 2019 03:35

Tgt Ion	Ratio	Lower	Upper
75	100		
77	30.3	25.2	37.8
39	47.5	41.4	62.0





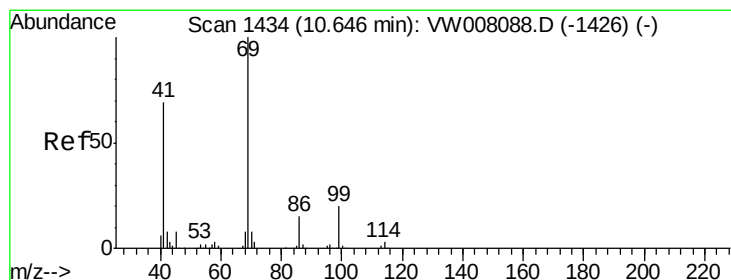
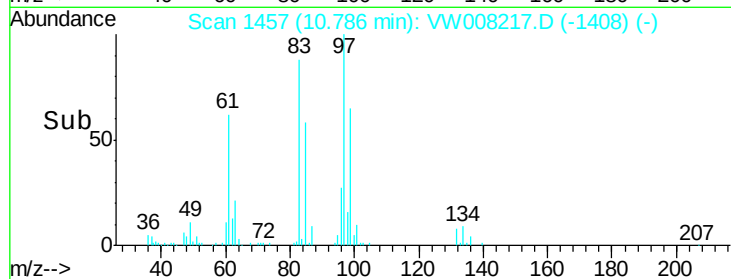
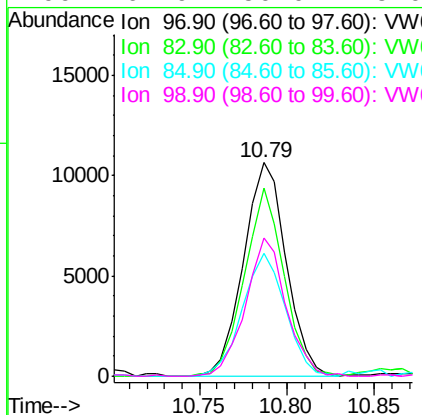
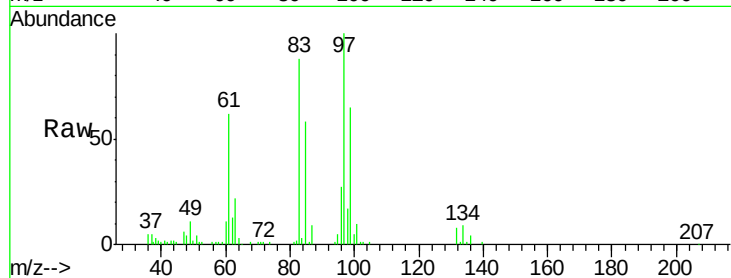
#55
 1,1,2-Trichloroethane
 Concen: 24.152 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. 0.00 min
 Lab File: VW008217.D
 Acq: 12 Jan 2019 03:35

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0111SBSD02

Tot Ion:	97	Resp:	18154
Ion	Ratio	Lower	Upper
97	100		
83	88.0	69.3	103.9
85	57.5	43.8	65.6
99	64.9	50.0	75.0

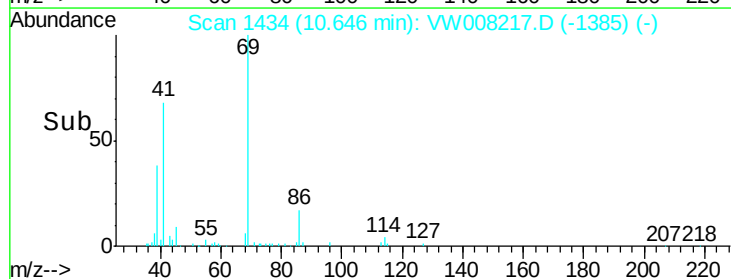
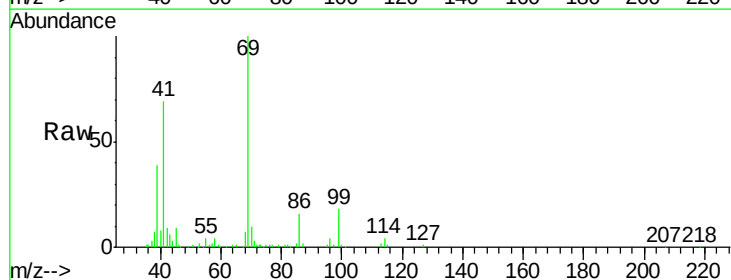
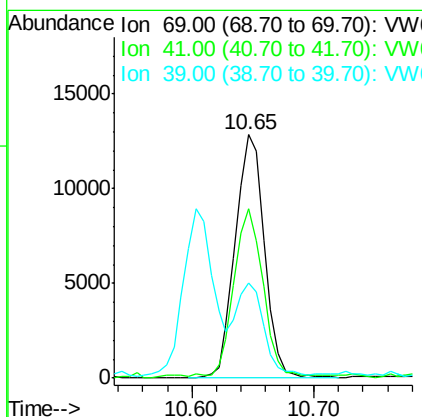
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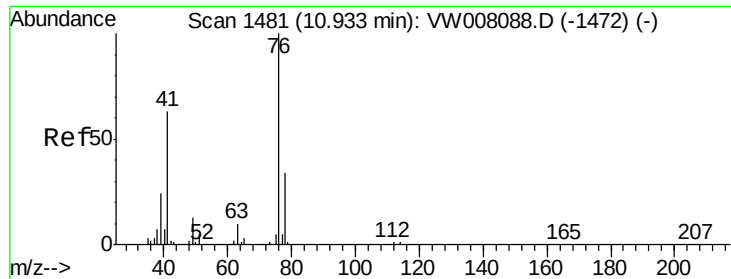
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#56
 Ethyl methacrylate
 Concen: 22.876 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: VW008217.D
 Acq: 12 Jan 2019 03:35

Tgt Ion:	69	Resp:	21294
Ion	Ratio	Lower	Upper
69	100		
41	68.3	56.4	84.6
39	36.1	28.1	42.1





#57

1,3-Dichloropropane

Concen: 22.706 ug/l

RT: 10.93 min Scan# 1481

Delta R.T. 0.00 min

Lab File: VW008217.D

Acq: 12 Jan 2019 03:35

Instrument :

MSVOA_W

ClientSampleId :

VW0111SBSD02

Tot Ion: 76 Resp: 31214

Ion Ratio Lower Upper

76 100

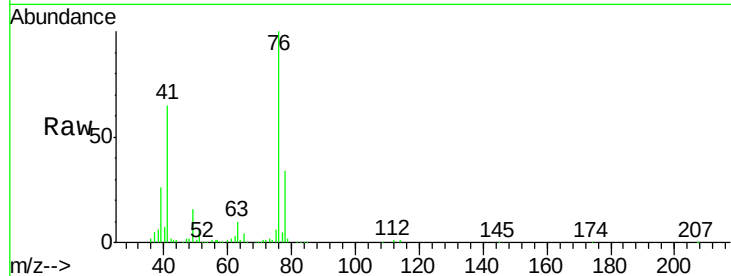
78 33.2 25.7 38.5

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Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW

10.93

20000

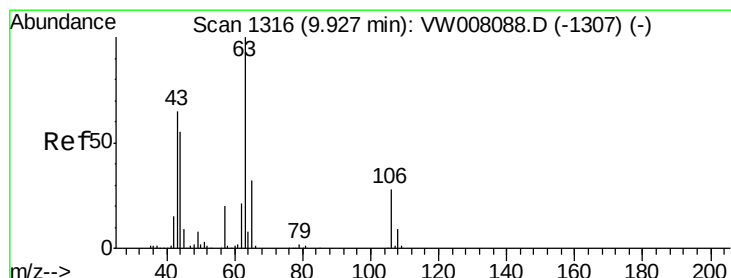
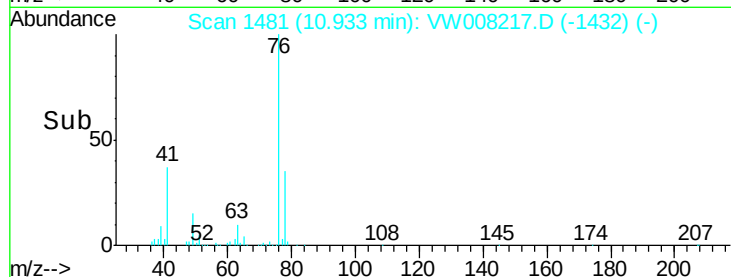
15000

10000

5000

0

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 112.181 ug/l

RT: 9.93 min Scan# 1316

Delta R.T. 0.00 min

Lab File: VW008217.D

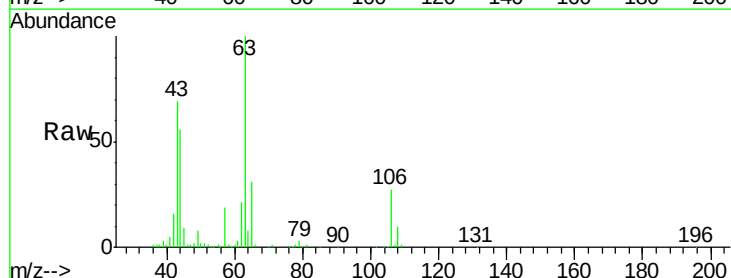
Acq: 12 Jan 2019 03:35

Tgt Ion: 63 Resp: 53941

Ion Ratio Lower Upper

63 100

106 27.7 21.8 32.6



Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 105.90 (105.60 to 106.60): V

9.93

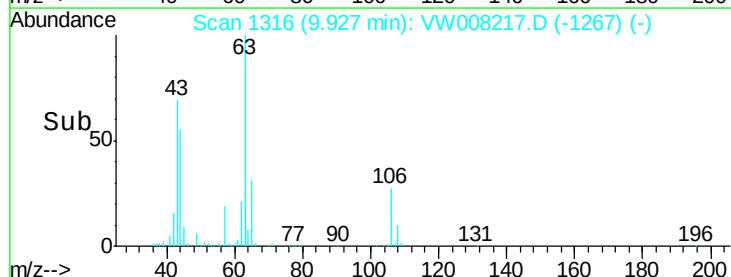
30000

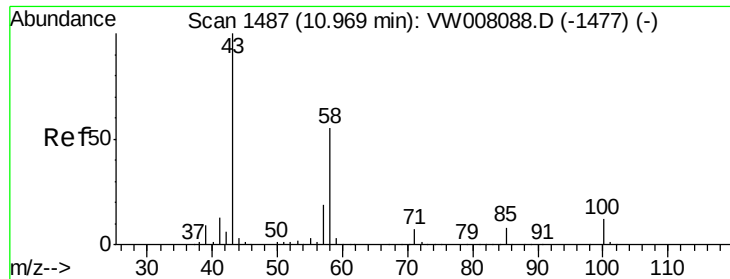
20000

10000

0

Time-->





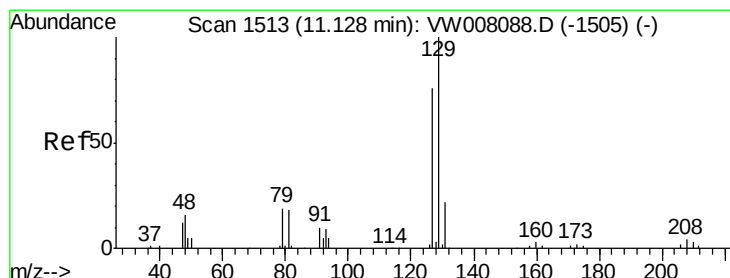
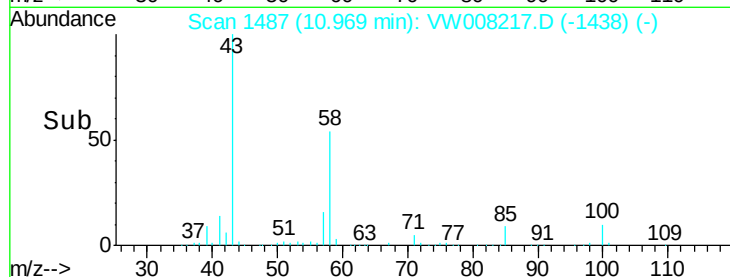
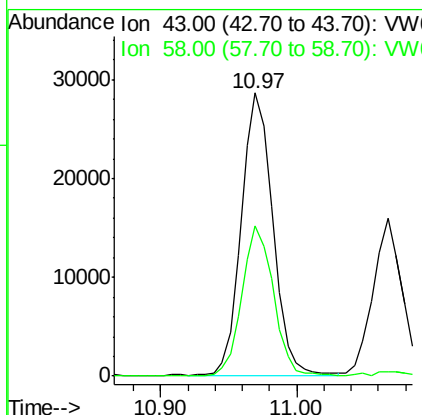
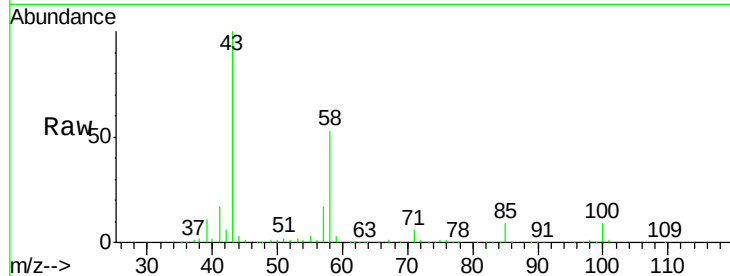
#59
2-Hexanone
Concen: 109.030 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VW008217.D
Acq: 12 Jan 2019 03:35

Instrument :
MSVOA_W
ClientSampleId :
VW0111SBSD02

Tot Ion: 43 Resp: 46340
Ion Ratio Lower Upper
43 100
58 53.5 27.2 81.5

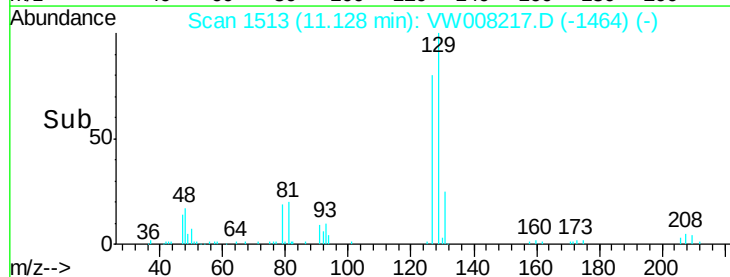
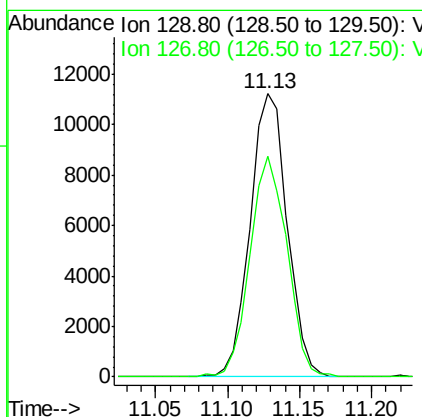
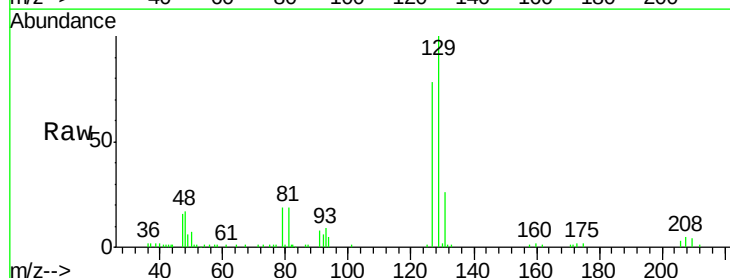
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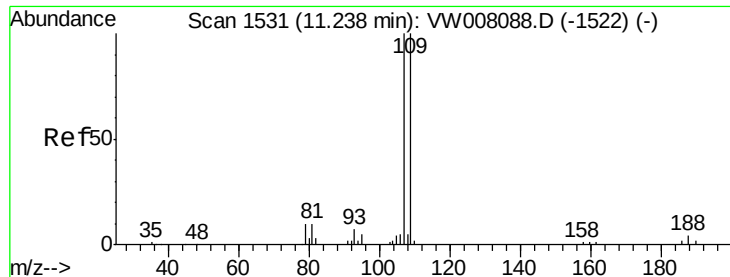
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#60
Dibromochloromethane
Concen: 24.108 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VW008217.D
Acq: 12 Jan 2019 03:35

Tgt Ion:129 Resp: 19899
Ion Ratio Lower Upper
129 100
127 78.2 38.9 116.6





#61

1,2-Dibromoethane

Concen: 24.210 ug/l

RT: 11.24 min Scan# 1531

Delta R.T. 0.00 min

Lab File: VW008217.D

Acq: 12 Jan 2019 03:35

Instrument :

MSVOA_W

ClientSampleId :

VW0111SBSD02

Tot Ion:107 Resp: 17267

Ion Ratio Lower Upper

107 100

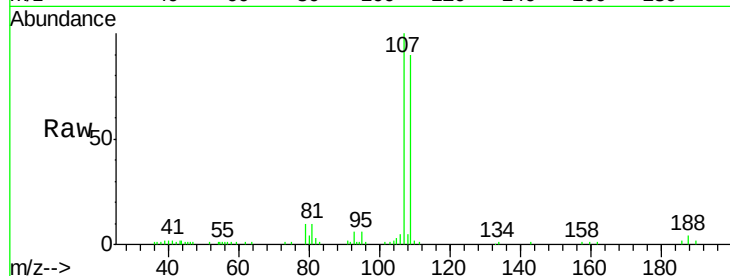
109 92.0 75.9 113.9

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

11.24

10000

8000

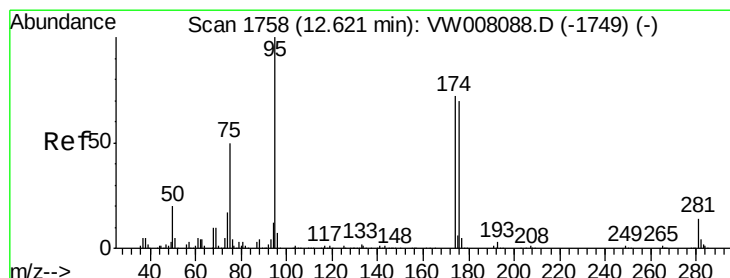
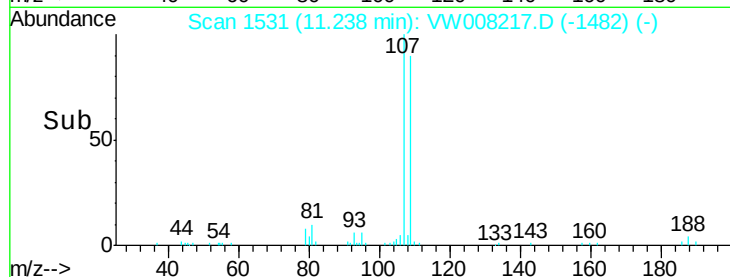
6000

4000

2000

0

Time--> 11.15 11.20 11.25 11.30



#62

4-Bromofluorobenzene

Concen: 53.776 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW008217.D

Acq: 12 Jan 2019 03:35

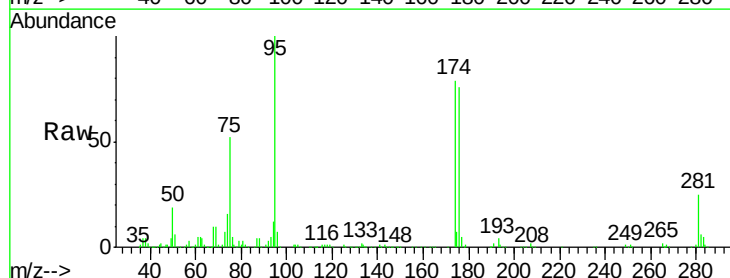
Tgt Ion: 95 Resp: 74248

Ion Ratio Lower Upper

95 100

174 75.8 0.0 143.0

176 74.5 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

12.62

60000

50000

40000

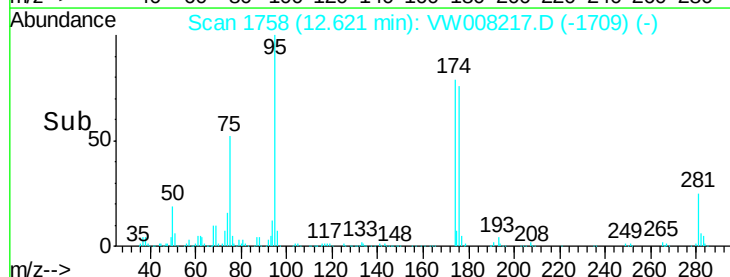
30000

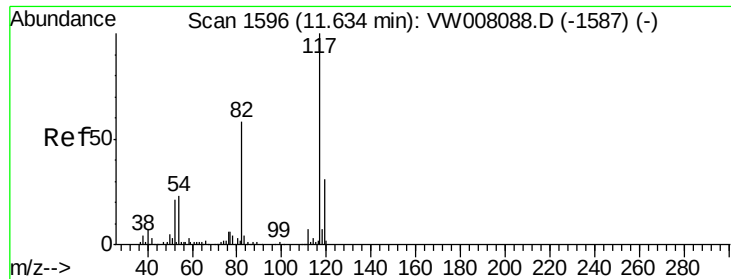
20000

10000

0

Time--> 12.55 12.60 12.65 12.70





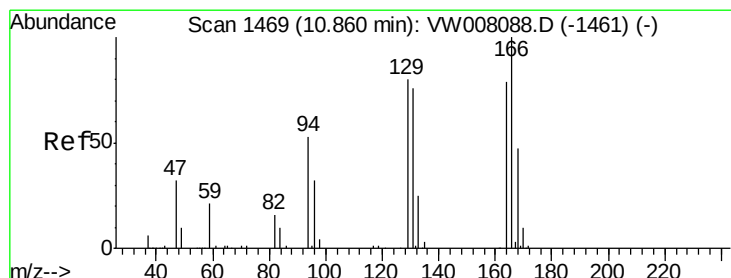
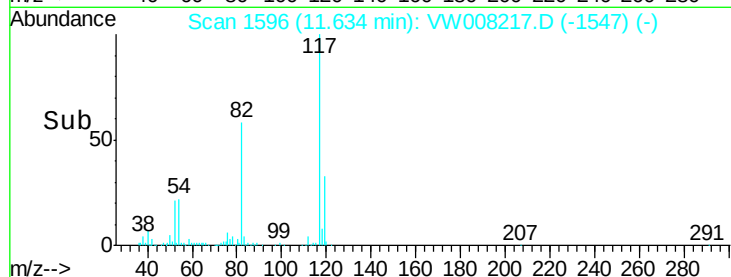
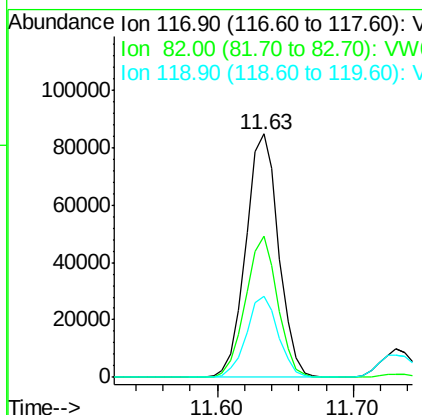
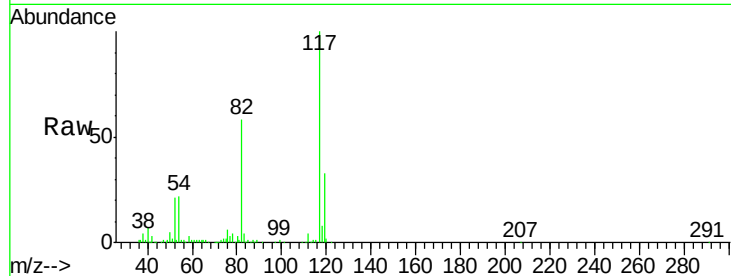
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW008217.D
Acq: 12 Jan 2019 03:35

Instrument :
MSVOA_W
ClientSampleId :
VW0111SBSD02

Tot Ion	Ratio	Lower	Upper
117	100		
82	57.8	46.4	69.6
119	33.1	24.7	37.1

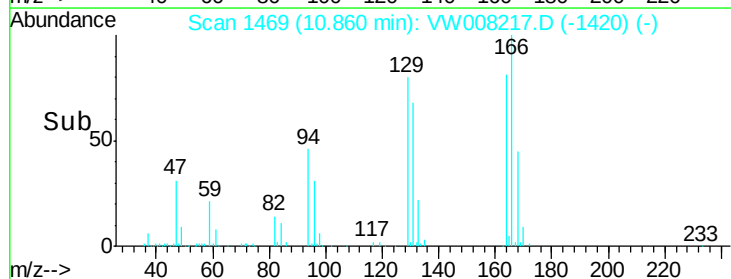
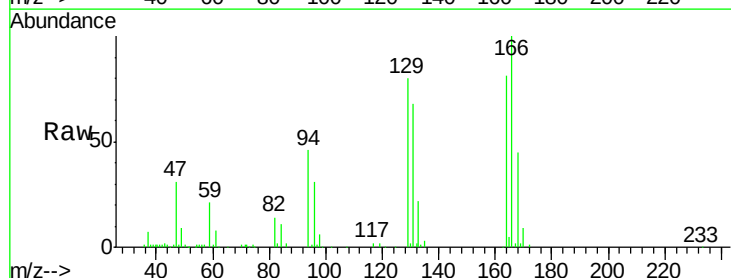
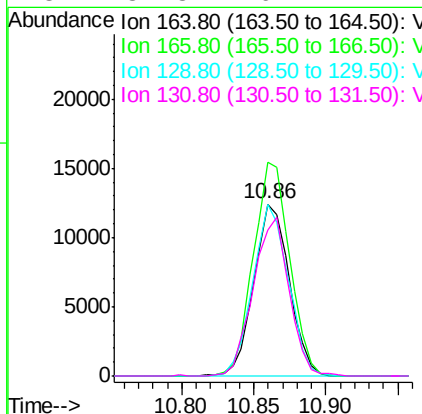
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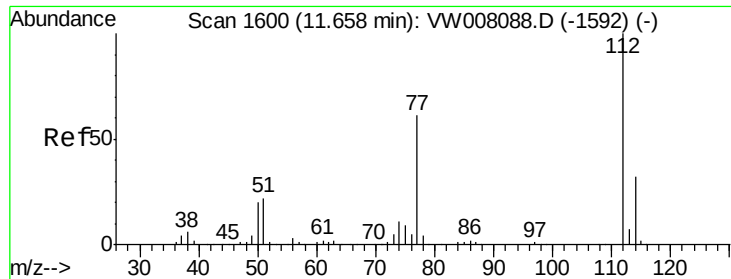
apatel
1/14/2019 2:42:33 PM



#64
Tetrachloroethene
Concen: 22.720 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VW008217.D
Acq: 12 Jan 2019 03:35

Tgt Ion	Ratio	Lower	Upper
164	100		
166	124.1	100.7	151.1
129	99.7	81.0	121.4
131	84.8	76.1	114.1





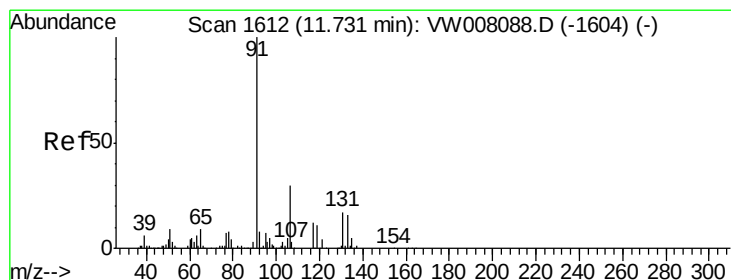
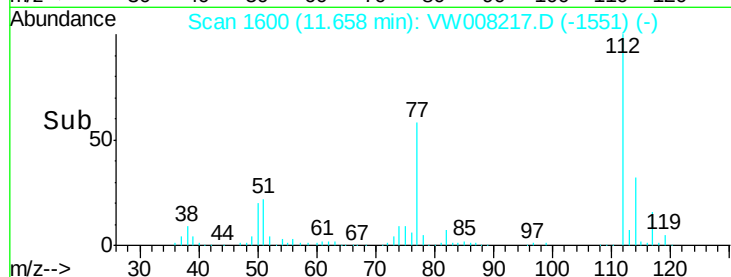
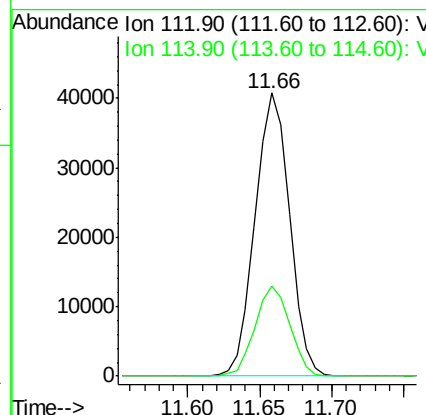
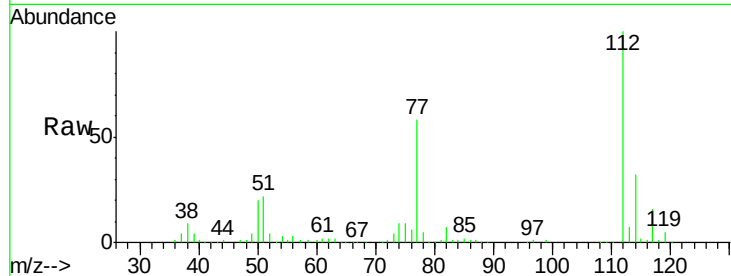
#65
Chlorobenzene
Concen: 22.326 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VW008217.D
Acq: 12 Jan 2019 03:35

Instrument :
MSVOA_W
ClientSampleId :
VW0111SBSD02

Tot Ion:112 Resp: 67592
Ion Ratio Lower Upper
112 100
114 32.0 25.6 38.4

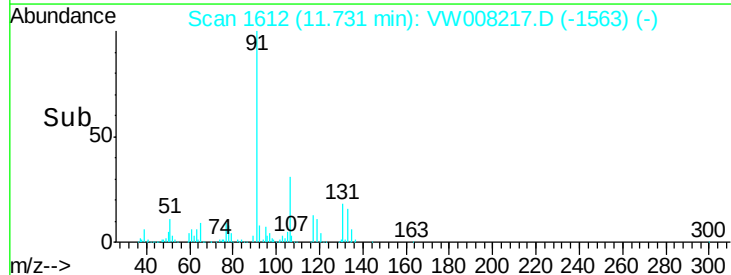
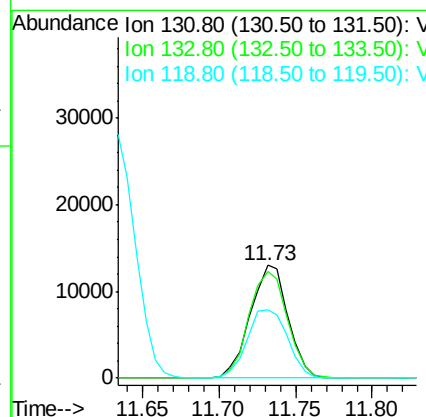
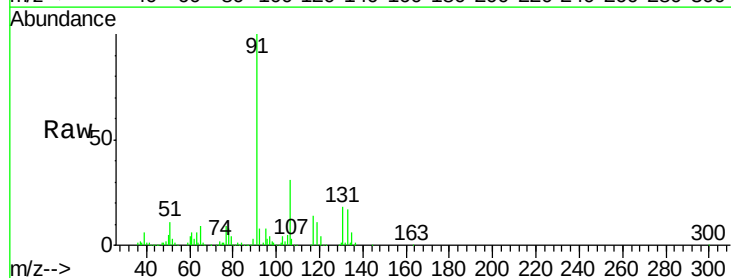
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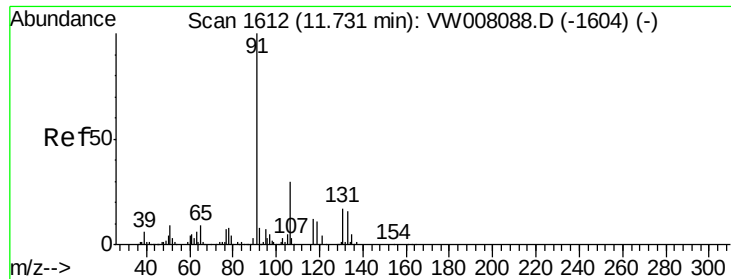
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#66
1,1,1,2-Tetrachloroethane
Concen: 22.726 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW008217.D
Acq: 12 Jan 2019 03:35

Tgt Ion:131 Resp: 22378
Ion Ratio Lower Upper
131 100
133 97.3 47.9 143.7
119 65.1 32.5 97.4





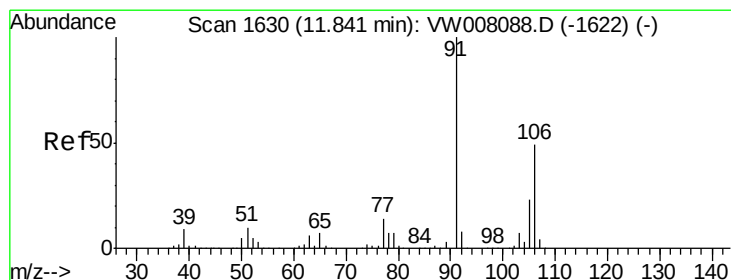
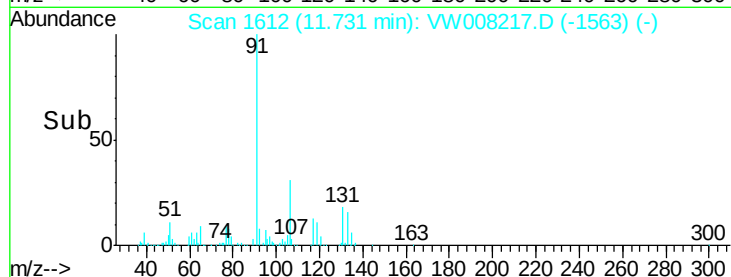
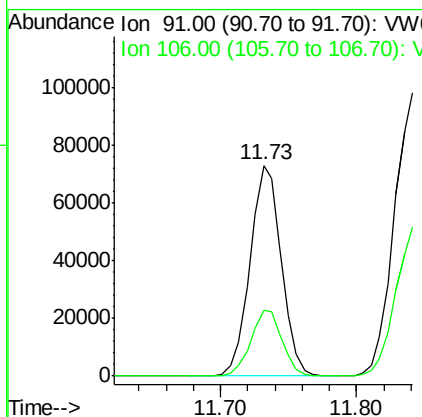
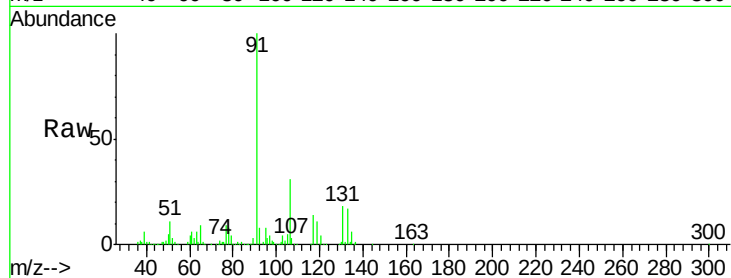
#67
Ethyl Benzene
Concen: 21.213 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW008217.D
Acq: 12 Jan 2019 03:35

Instrument :
MSVOA_W
ClientSampled :
VW0111SBSD02

Tot Ion: 91 Resp: 117511
Ion Ratio Lower Upper
91 100
106 31.5 24.2 36.4

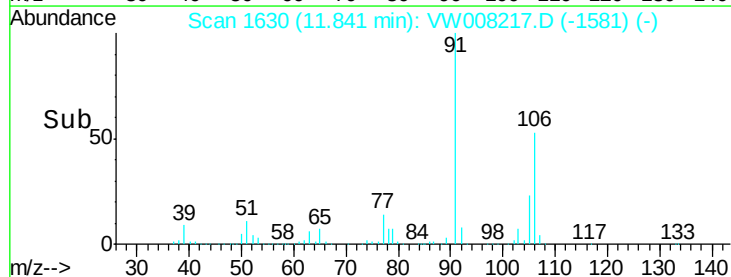
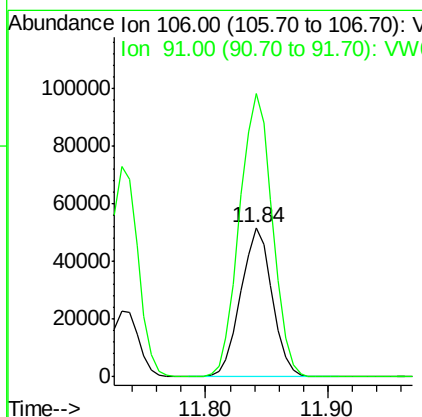
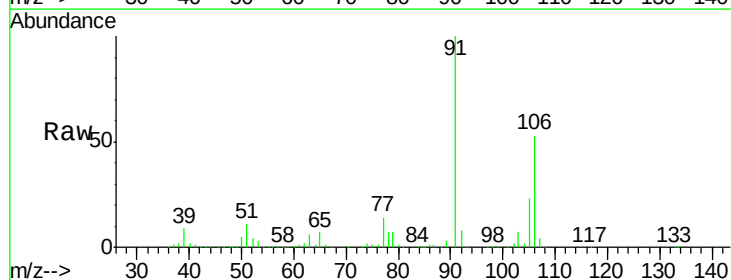
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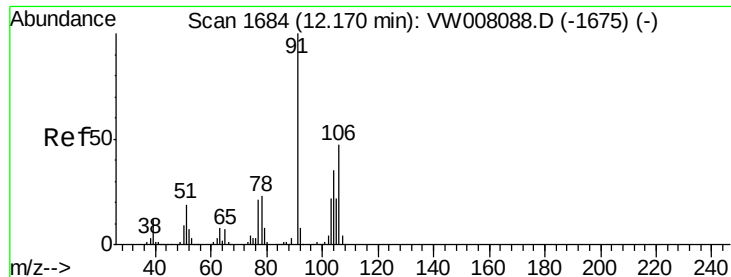
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#68
m/p-Xylenes
Concen: 43.625 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VW008217.D
Acq: 12 Jan 2019 03:35

Tgt Ion: 106 Resp: 92239
Ion Ratio Lower Upper
106 100
91 197.7 162.4 243.6





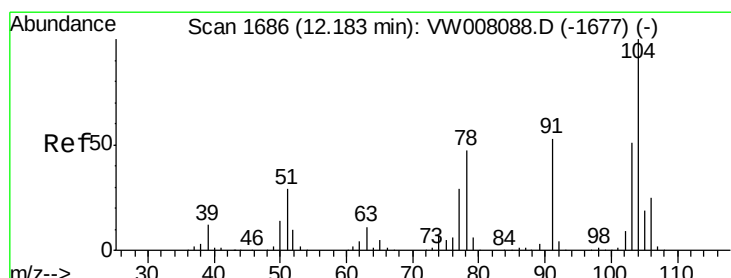
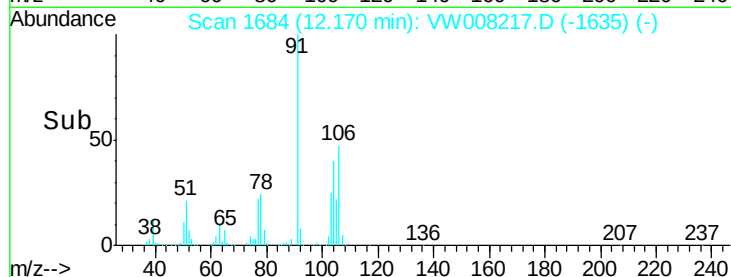
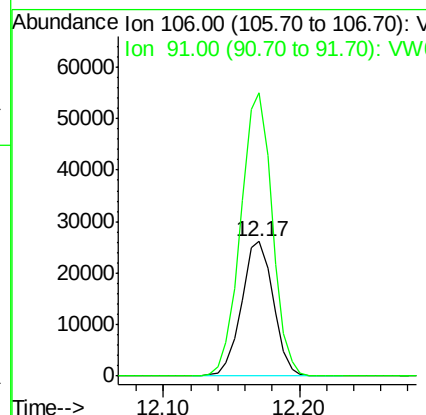
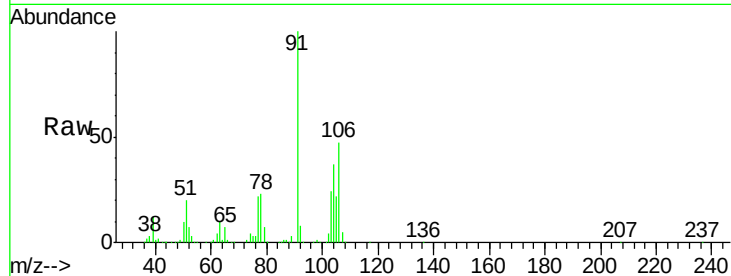
#69
o-Xylene
Concen: 21.756 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW008217.D
Acq: 12 Jan 2019 03:35

Instrument :
MSVOA_W
ClientSampleId :
VW0111SBSD02

Tot Ion:106 Resp: 42597
Ion Ratio Lower Upper
106 100
91 208.9 107.8 323.6

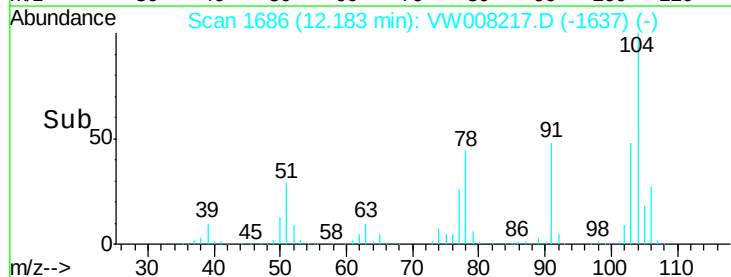
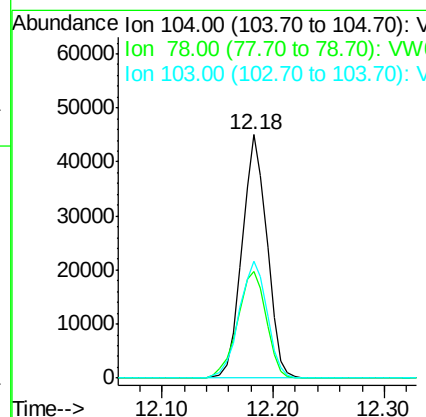
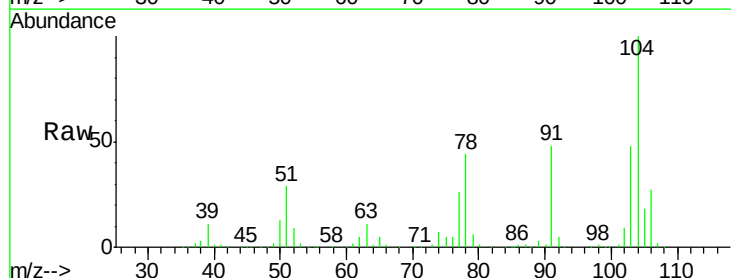
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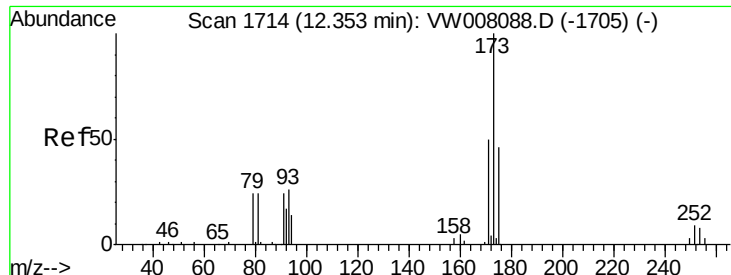
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#70
Styrene
Concen: 22.821 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW008217.D
Acq: 12 Jan 2019 03:35

Tgt Ion:104 Resp: 69989
Ion Ratio Lower Upper
104 100
78 50.3 41.8 62.8
103 53.6 43.8 65.8





#71

Bromoform

Concen: 24.751 ug/l

RT: 12.35 min Scan# 1713

Delta R.T. -0.01 min

Lab File: VW008217.D

Acq: 12 Jan 2019 03:35

Instrument :

MSVOA_W

ClientSampleId :

VW0111SBSD02

Tot Ion:173 Resp: 10908

Ion Ratio Lower Upper

173 100

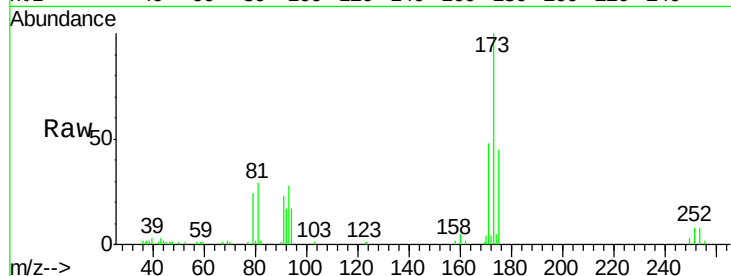
175 48.8 23.3 69.8

254 0.0 0.0 0.0

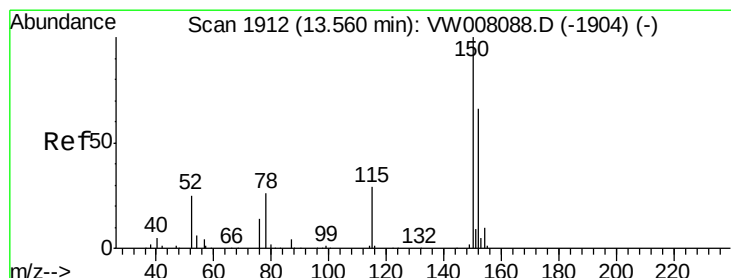
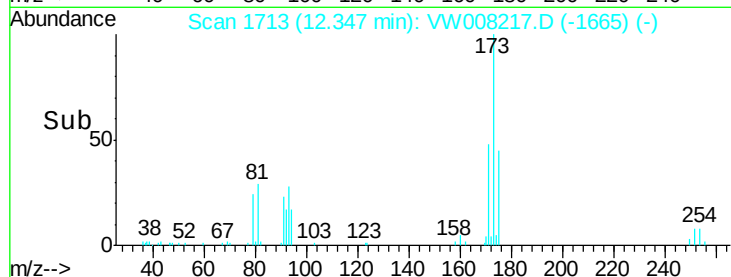
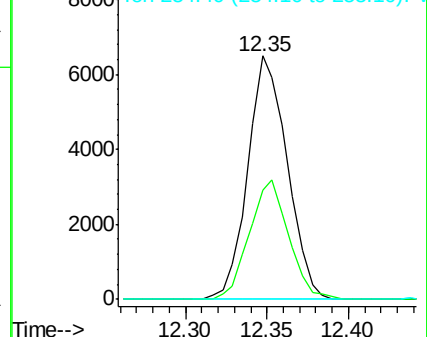
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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. 0.00 min

Lab File: VW008217.D

Acq: 12 Jan 2019 03:35

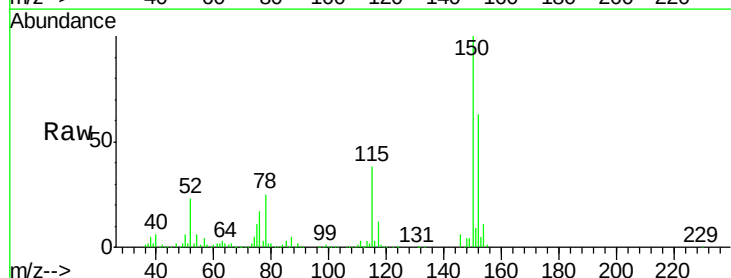
Tgt Ion:152 Resp: 69510

Ion Ratio Lower Upper

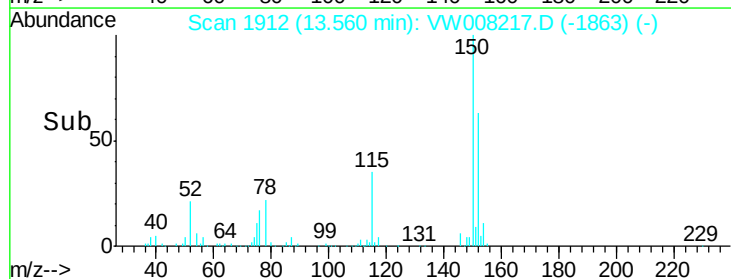
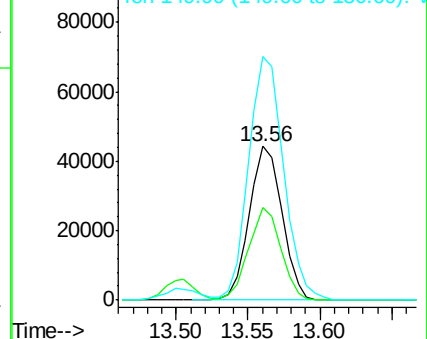
152 100

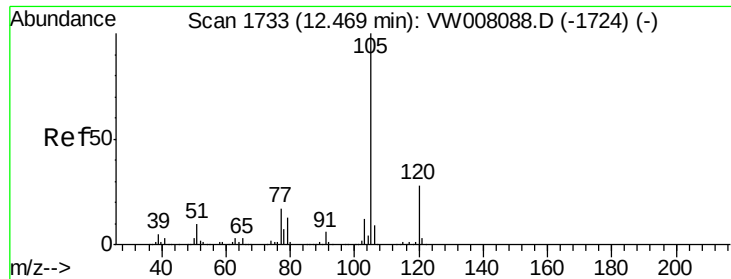
115 59.6 30.8 92.4

150 169.4 0.0 350.2



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





#73

Isopropylbenzene

Concen: 21.282 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. 0.00 min

Lab File: VW008217.D

Acq: 12 Jan 2019 03:35

Instrument :

MSVOA_W

ClientSampleId :

VW0111SBSD02

Tot Ion:105 Resp: 116142

Ion Ratio Lower Upper

105 100

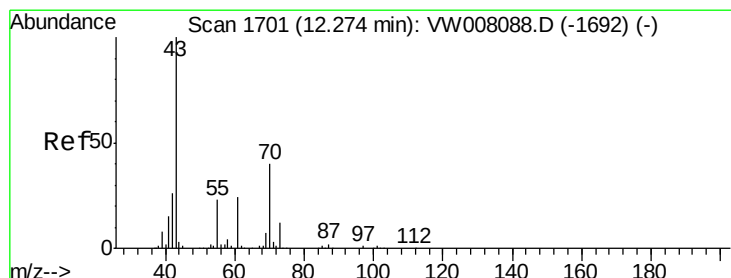
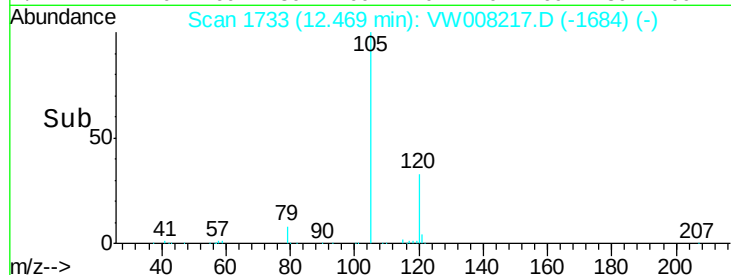
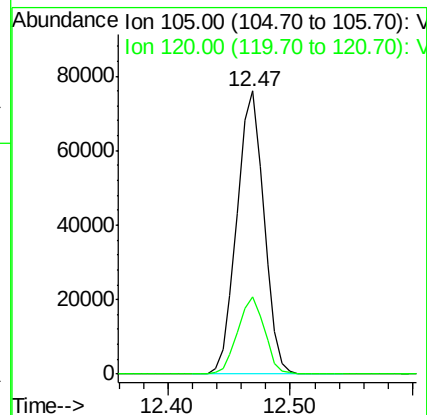
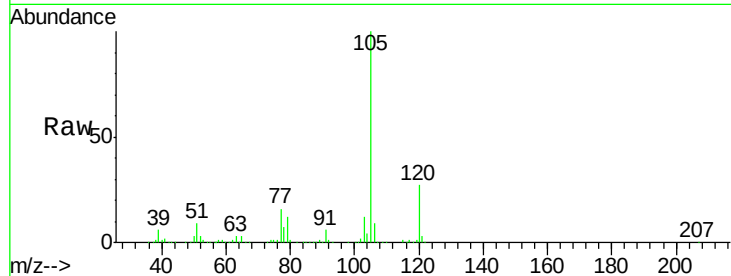
120 27.1 13.6 40.8

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#74

N-ethyl acetate

Concen: 21.381 ug/l

RT: 12.28 min Scan# 1702

Delta R.T. 0.01 min

Lab File: VW008217.D

Acq: 12 Jan 2019 03:35

Tgt Ion: 43 Resp: 25839

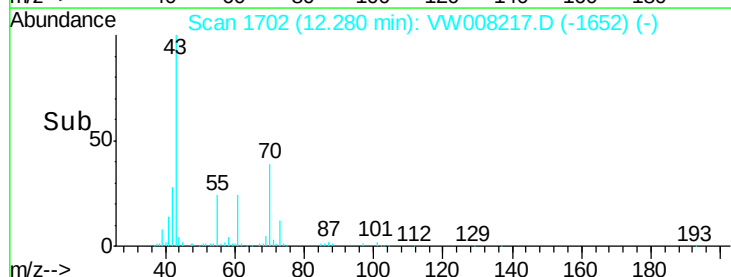
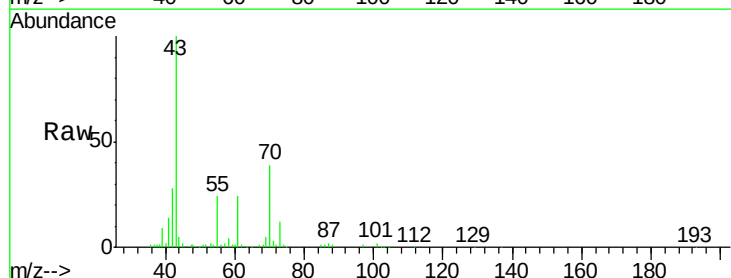
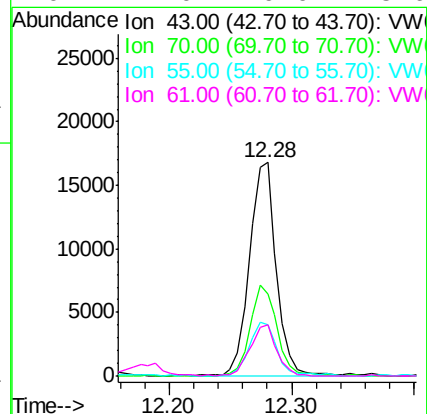
Ion Ratio Lower Upper

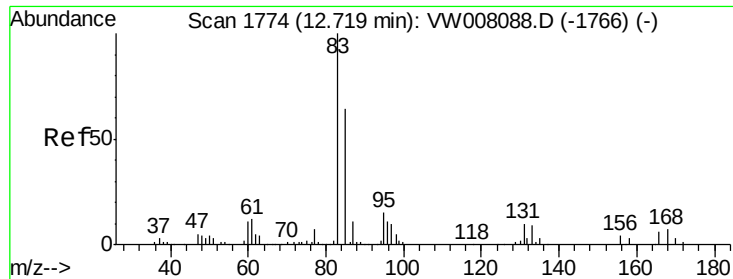
43 100

70 42.4 32.4 48.6

55 26.2 18.7 28.1

61 24.0 19.0 28.6





#75

1,1,2,2-Tetrachloroethane

Concen: 23.098 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. -0.01 min

Lab File: VW008217.D

Acq: 12 Jan 2019 03:35

Instrument :

MSVOA_W

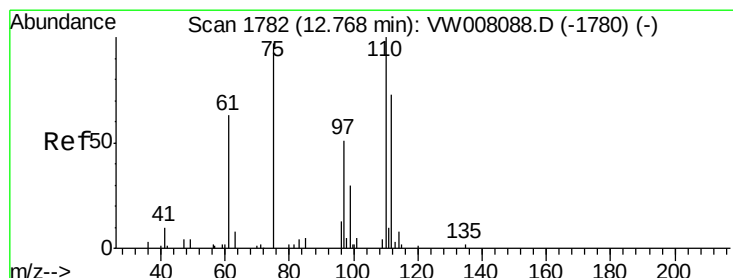
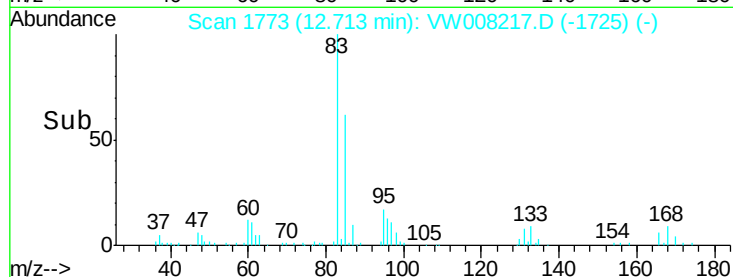
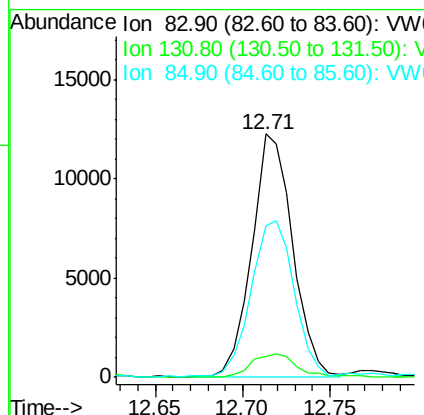
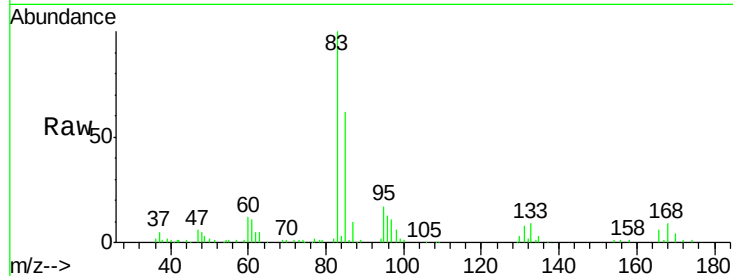
ClientSampleId :

VW0111SBSD02

Tot Ion:	83	Resp:	20176
Ion Ratio	Lower	Upper	
83	100		
131	10.9	5.3	16.1
85	68.2	32.4	97.2

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#76

1,2,3-Trichloropropane

Concen: 23.969 ug/l m

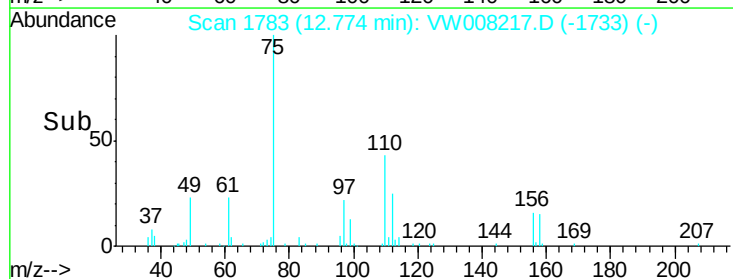
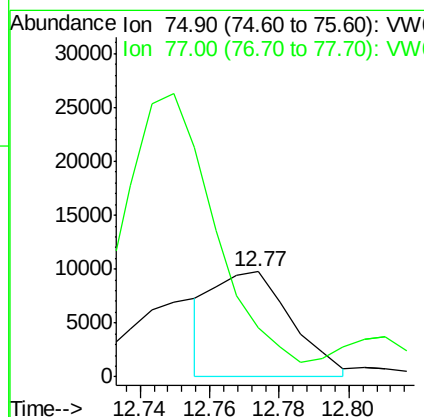
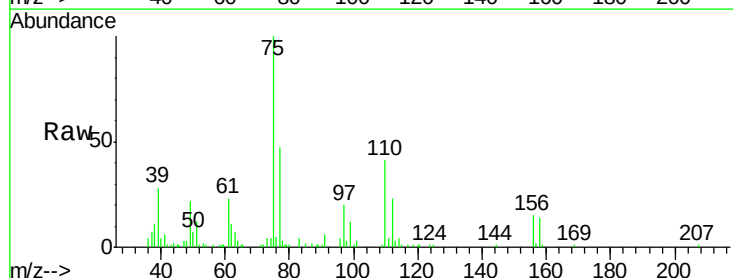
RT: 12.77 min Scan# 1783

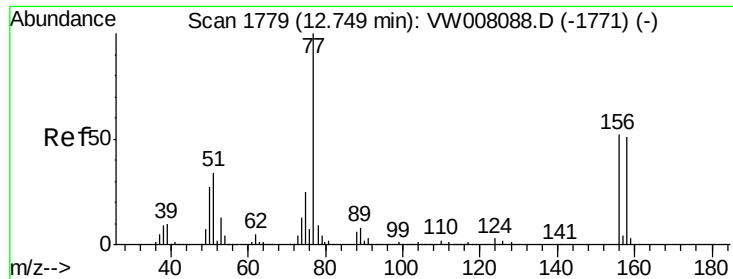
Delta R.T. 0.01 min

Lab File: VW008217.D

Acq: 12 Jan 2019 03:35

Tgt Ion:	75	Resp:	15188
Ion Ratio	Lower	Upper	
75	100		
77	0.0	179.4	538.2#





#77

Bromobenzene

Concen: 22.750 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VW008217.D

Acq: 12 Jan 2019 03:35

Instrument :

MSVOA_W

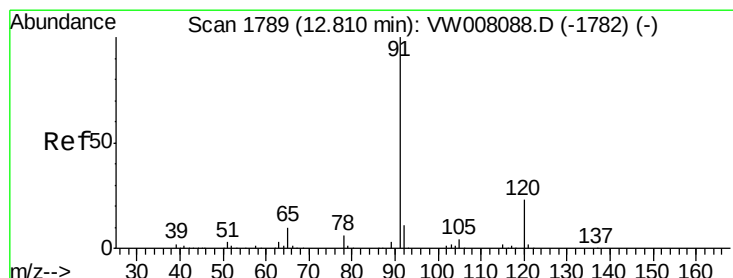
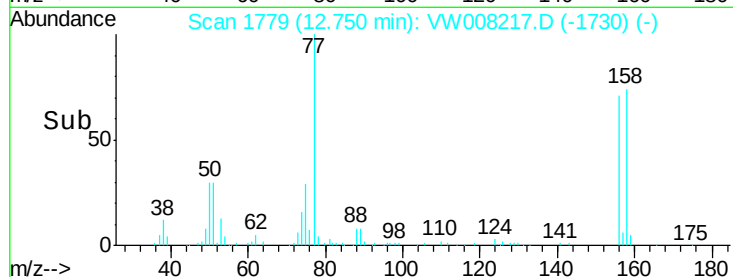
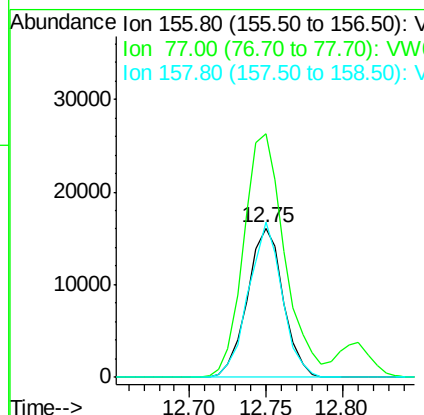
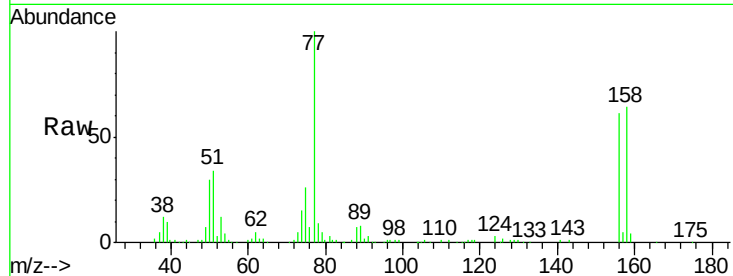
ClientSampleId :

VW0111SBSD02

Tot Ion:	156	Resp:	26233
Ion	Ratio	Lower	Upper
156	100		
77	186.3	104.2	312.5
158	97.4	47.9	143.6

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#78

n-propylbenzene

Concen: 21.051 ug/l

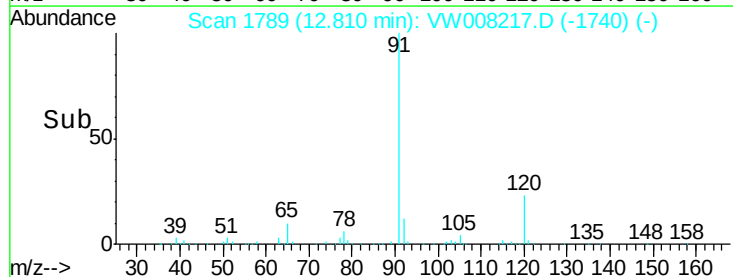
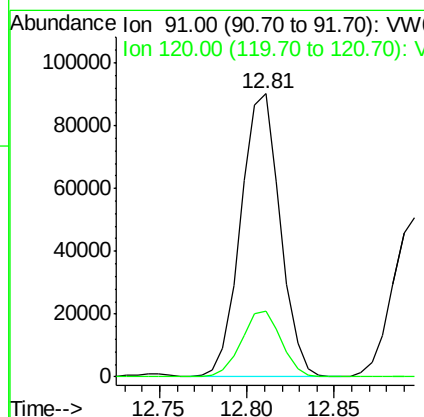
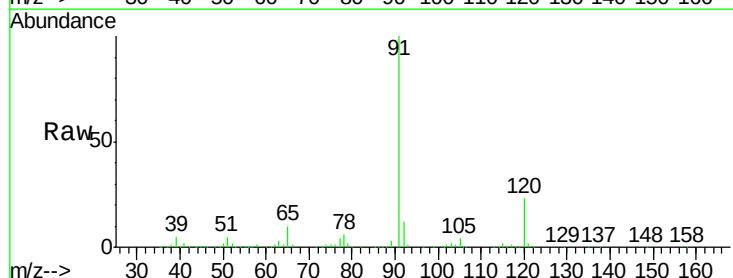
RT: 12.81 min Scan# 1789

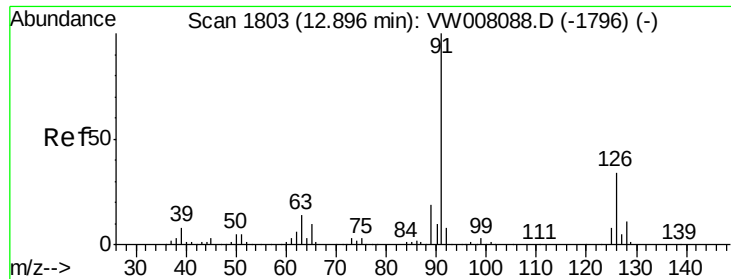
Delta R.T. 0.00 min

Lab File: VW008217.D

Acq: 12 Jan 2019 03:35

Tgt Ion:	91	Resp:	140758
Ion	Ratio	Lower	Upper
91	100		
120	23.4	11.3	33.8





#79

2-Chlorotoluene

Concen: 21.586 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VW008217.D

Acq: 12 Jan 2019 03:35

Instrument :

MSVOA_W

ClientSampled :

VW0111SBSD02

Tot Ion: 91 Resp: 80527

Ion Ratio Lower Upper

91 100

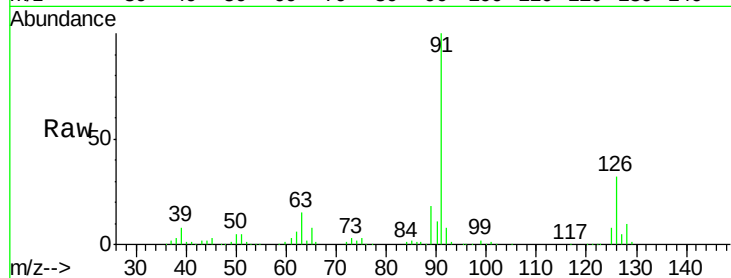
126 33.0 16.8 50.3

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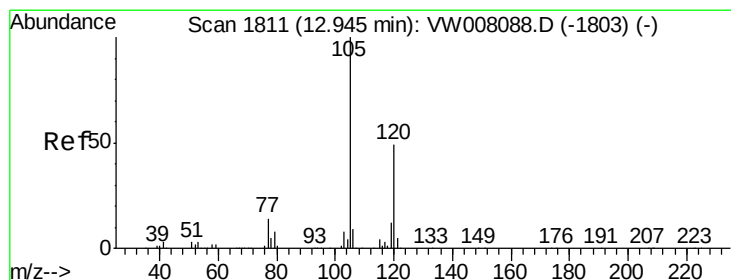
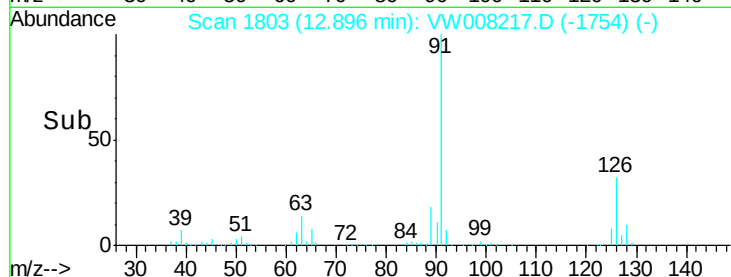
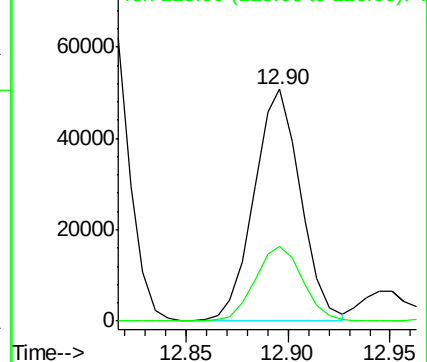
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Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 21.546 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. 0.00 min

Lab File: VW008217.D

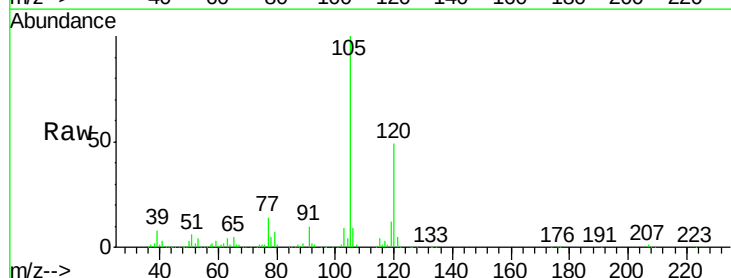
Acq: 12 Jan 2019 03:35

Tgt Ion:105 Resp: 96622

Ion Ratio Lower Upper

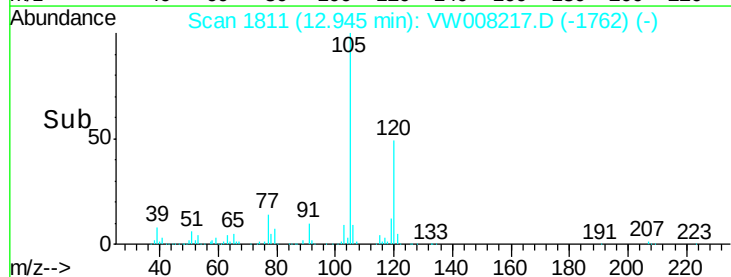
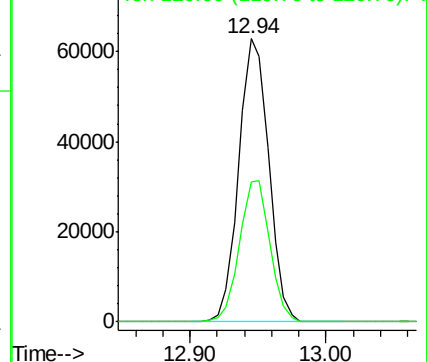
105 100

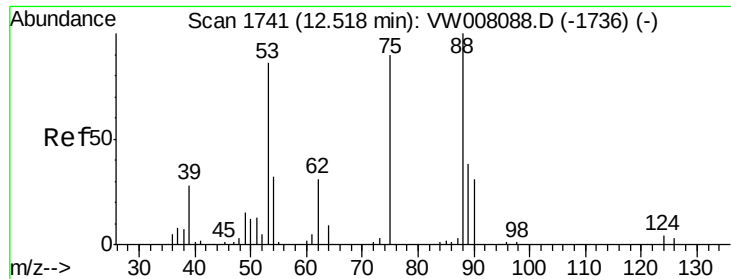
120 50.7 24.7 74.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





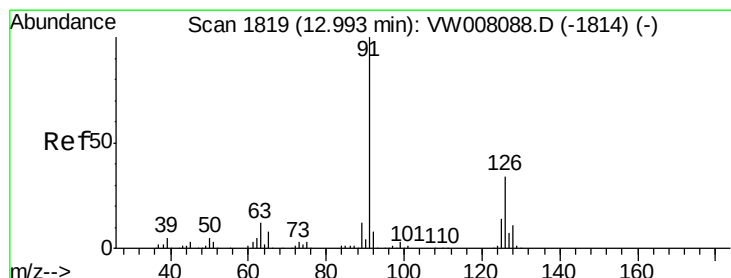
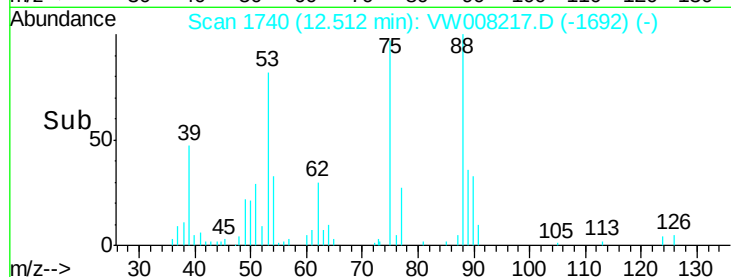
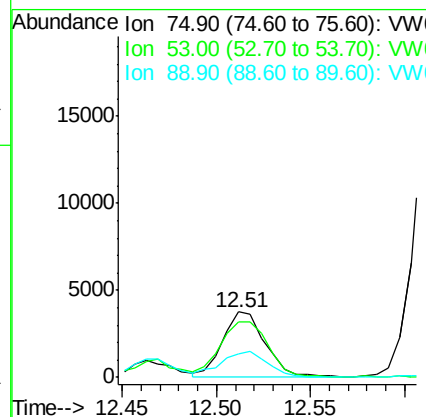
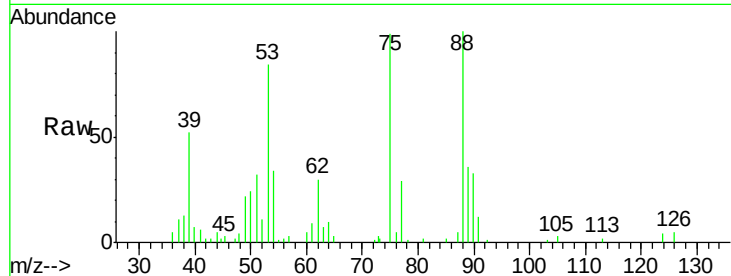
#81
trans-1,4-Dichloro-2-butene
Concen: 21.907 ug/l
RT: 12.51 min Scan# 1740
Delta R.T. -0.01 min
Lab File: VW008217.D
Acq: 12 Jan 2019 03:35

Instrument :
MSVOA_W
ClientSampleId :
VW0111SBSD02

Tot Ion	Ratio	Lower	Upper
75	100		
53	95.9	78.8	118.2
89	42.8	35.4	53.2

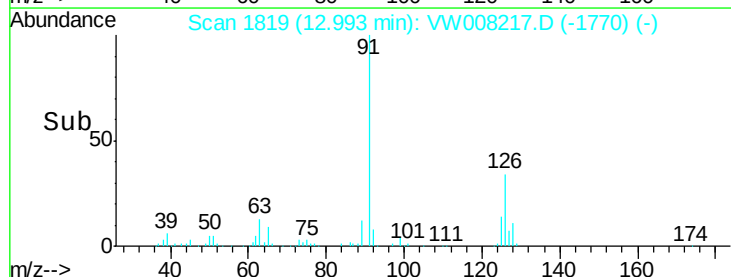
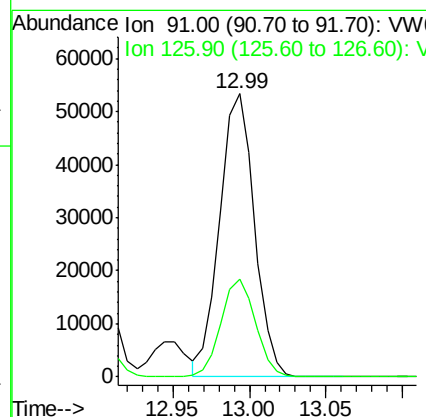
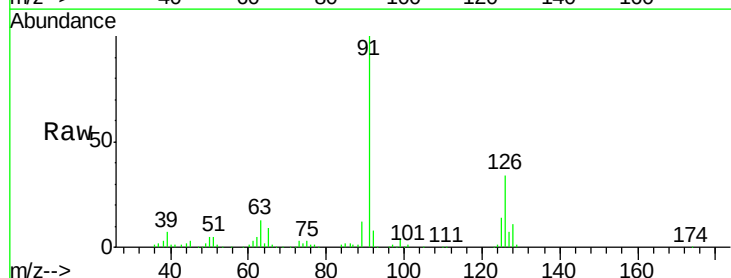
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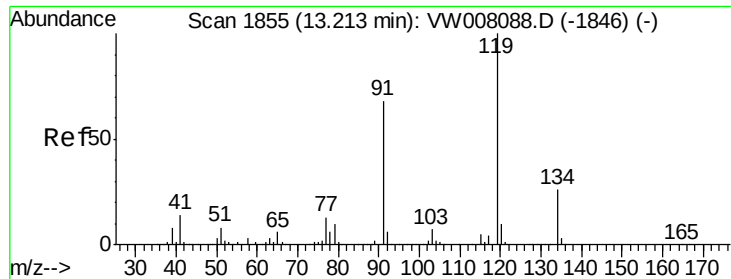
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#82
4-Chlorotoluene
Concen: 21.503 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. 0.00 min
Lab File: VW008217.D
Acq: 12 Jan 2019 03:35

Tgt Ion	Ratio	Lower	Upper
91	100		
126	34.4	16.5	49.5





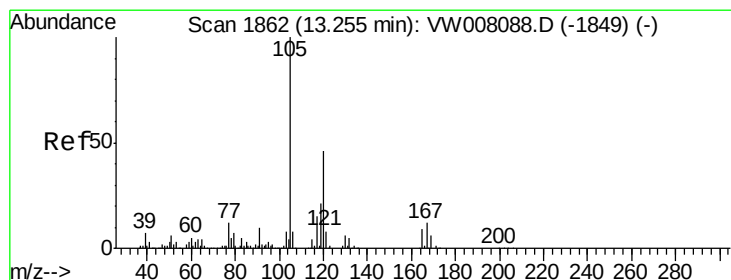
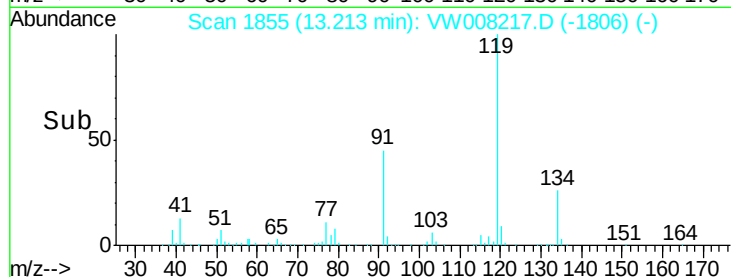
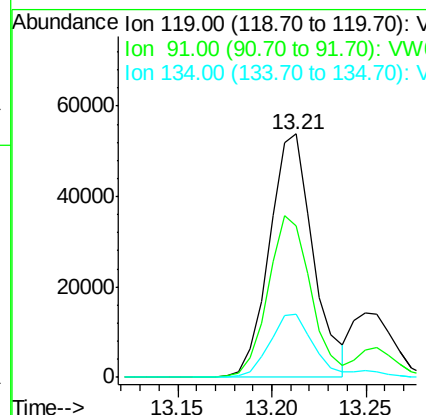
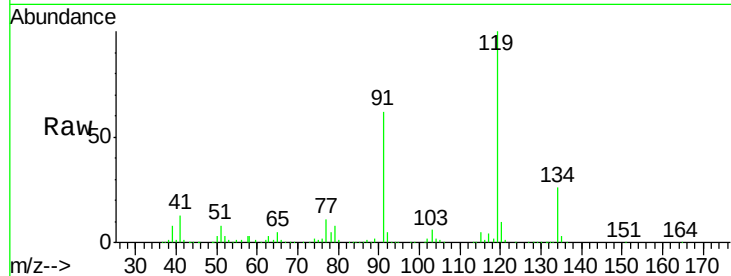
#83
 tert-Butylbenzene
 Concen: 21.840 ug/l
 RT: 13.21 min Scan# 1855
 Delta R.T. 0.00 min
 Lab File: VW008217.D
 Acq: 12 Jan 2019 03:35

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0111SBSD02

Tot Ion	Ratio	Lower	Upper
119	100		
91	64.7	33.9	101.6
134	27.6	13.6	40.8

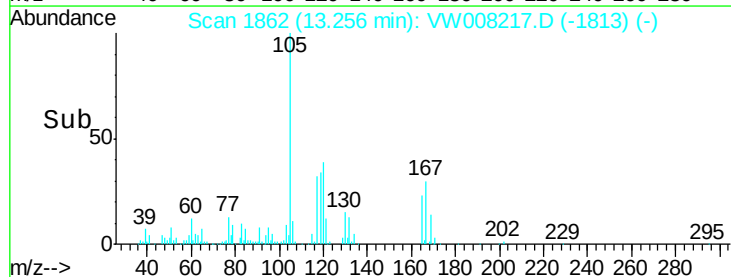
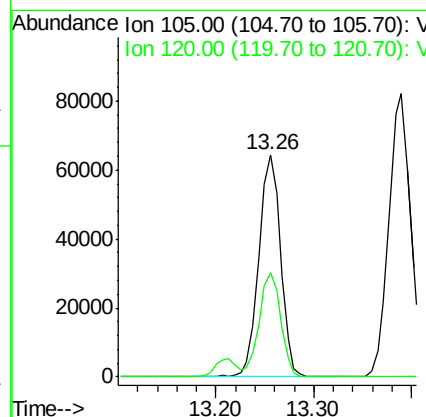
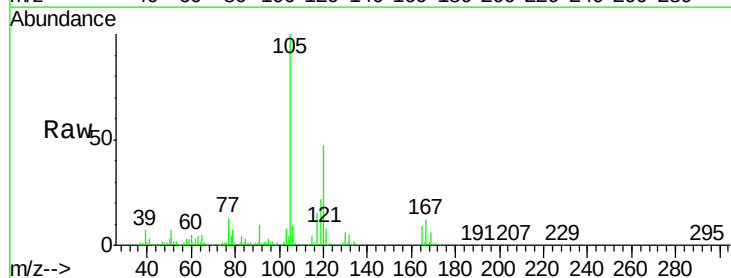
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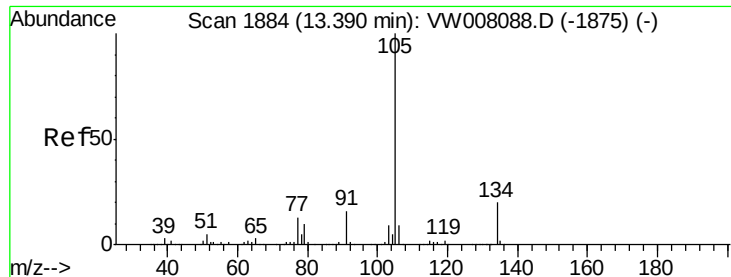
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#84
 1,2,4-Trimethylbenzene
 Concen: 21.657 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. 0.00 min
 Lab File: VW008217.D
 Acq: 12 Jan 2019 03:35

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.8	22.7	68.1





#85

sec-Butylbenzene

Concen: 21.667 ug/l

RT: 13.39 min Scan# 1884

Delta R.T. 0.00 min

Lab File: VW008217.D

Acq: 12 Jan 2019 03:35

Instrument :

MSVOA_W

ClientSampleId :

VW0111SBSD02

Tot Ion:105 Resp: 125922

Ion Ratio Lower Upper

105 100

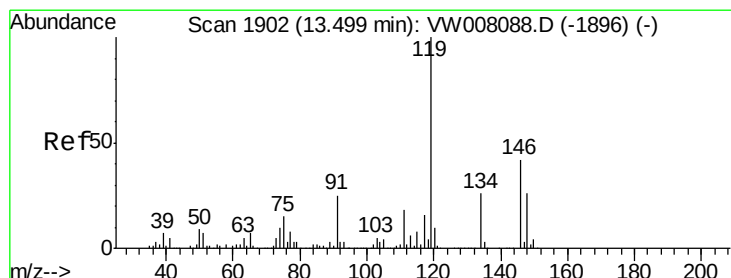
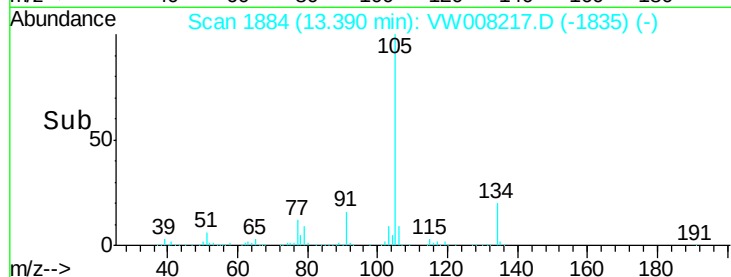
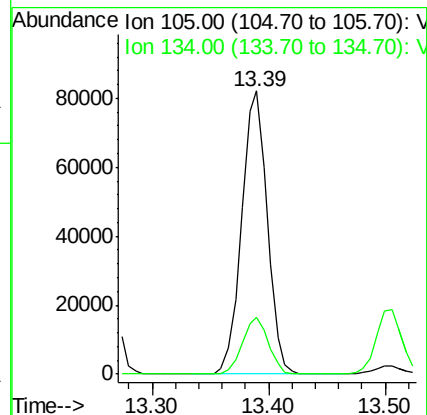
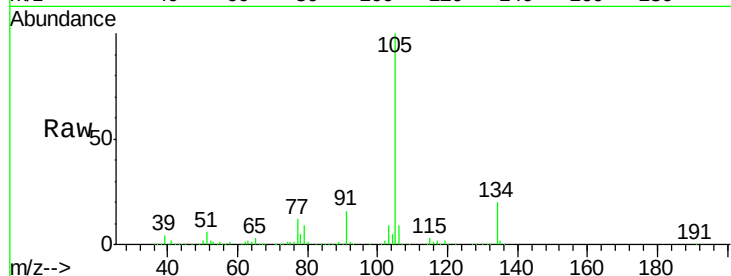
134 20.2 10.1 30.1

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#86

p-Isopropyltoluene

Concen: 21.358 ug/l

RT: 13.51 min Scan# 1903

Delta R.T. 0.01 min

Lab File: VW008217.D

Acq: 12 Jan 2019 03:35

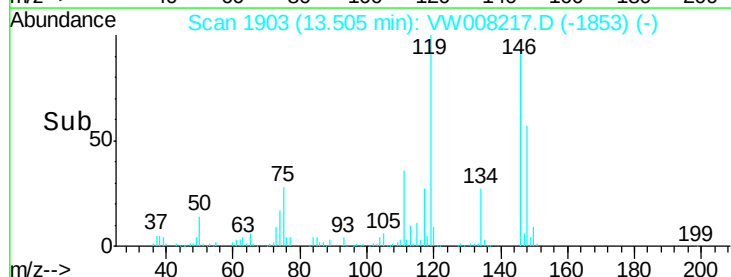
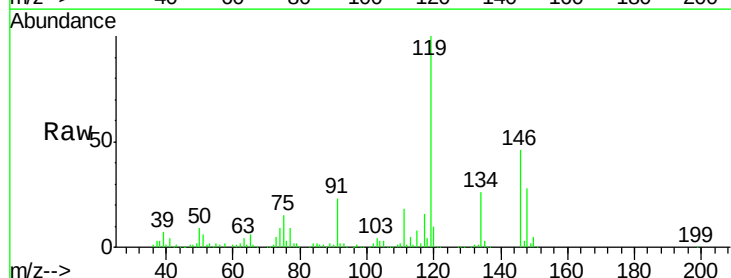
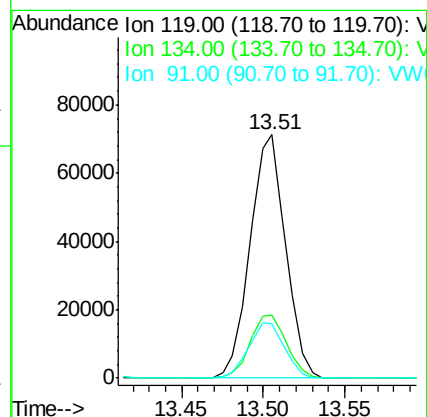
Tgt Ion:119 Resp: 107188

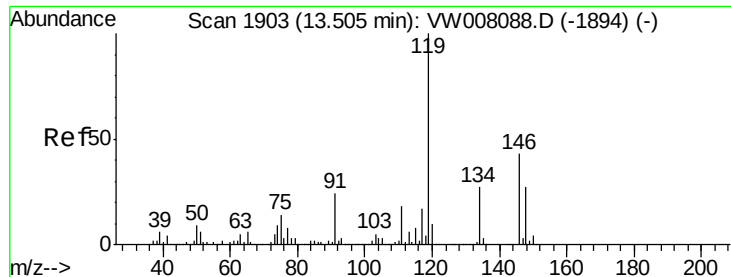
Ion Ratio Lower Upper

119 100

134 26.9 13.3 39.8

91 23.4 12.3 36.9





#87

1,3-Dichlorobenzene

Concen: 22.820 ug/l

RT: 13.51 min Scan# 1903

Delta R.T. 0.00 min

Lab File: VW008217.D

Acq: 12 Jan 2019 03:35

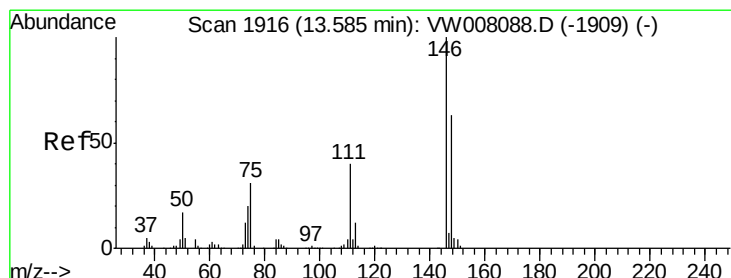
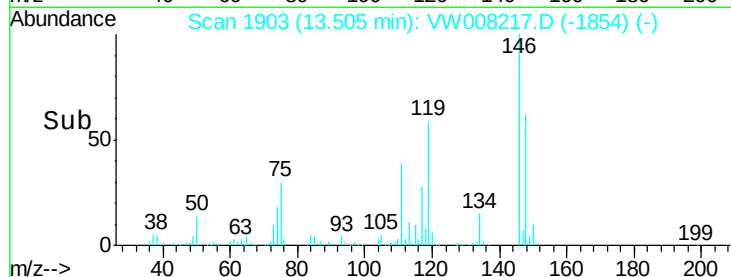
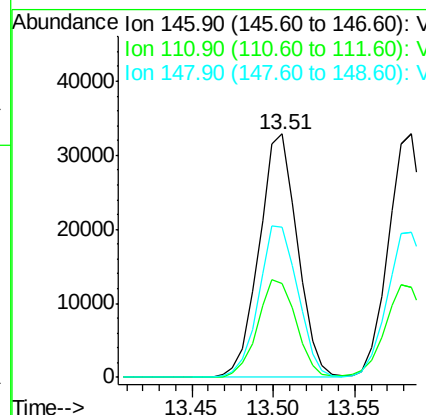
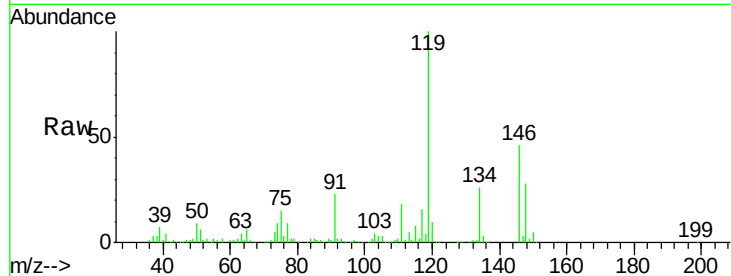
Instrument :
MSVOA_W

ClientSampleId :
VW0111SBSD02

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.5	21.1	63.1
148	63.6	31.3	93.9

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 22.315 ug/l

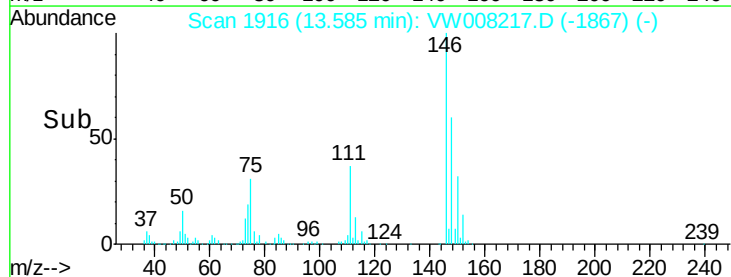
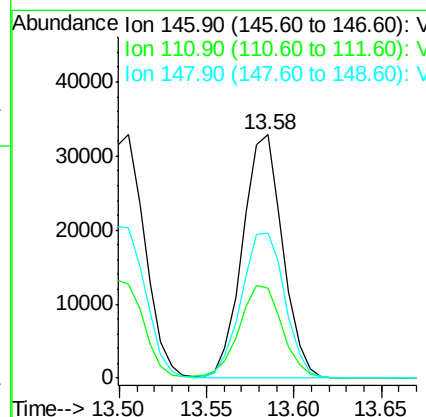
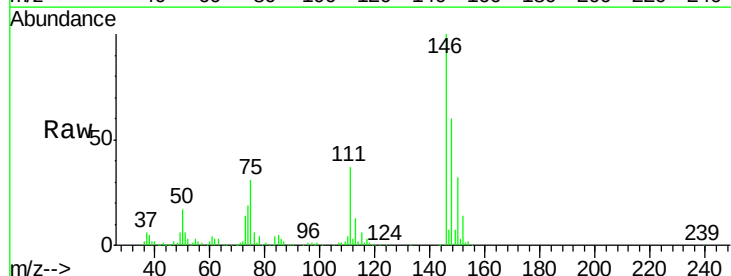
RT: 13.58 min Scan# 1916

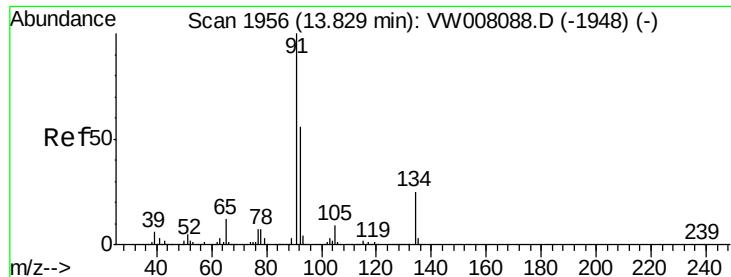
Delta R.T. 0.00 min

Lab File: VW008217.D

Acq: 12 Jan 2019 03:35

Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.2	20.5	61.5
148	64.6	31.6	94.8





#89

n-Butylbenzene

Concen: 20.683 ug/l

RT: 13.83 min Scan# 1956

Delta R.T. 0.00 min

Lab File: VW008217.D

Acq: 12 Jan 2019 03:35

Instrument :

MSVOA_W

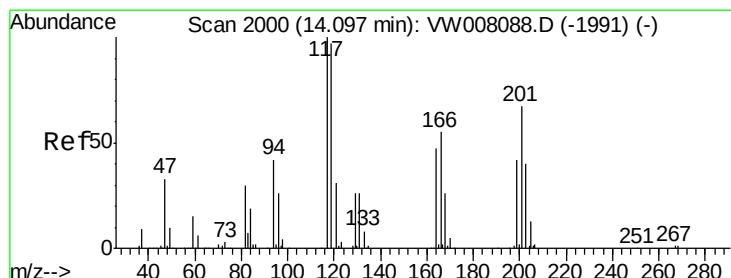
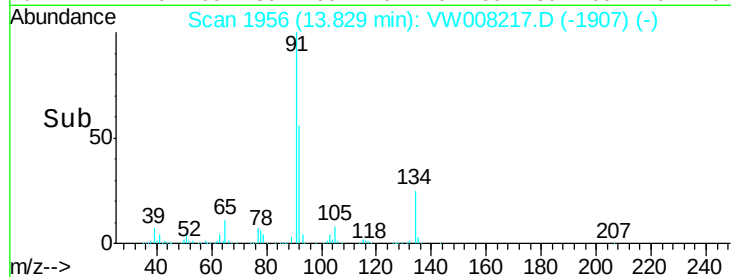
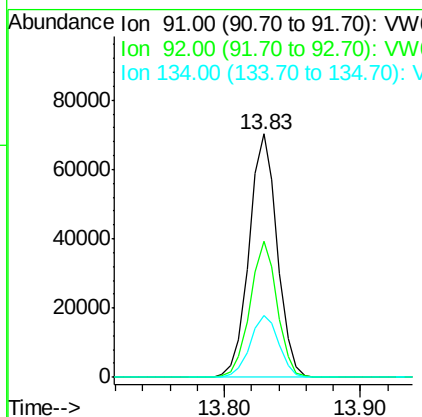
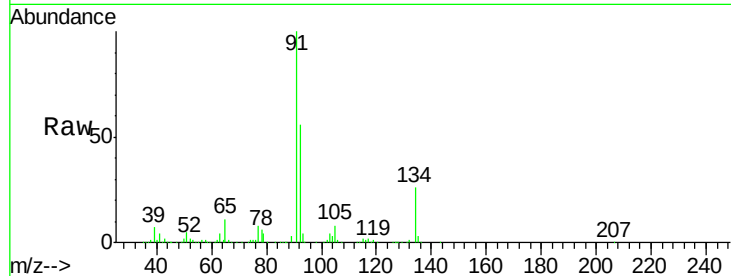
ClientSampleId :

VW0111SBSD02

Tot Ion:	91	Resp:	101663
Ion	Ratio	Lower	Upper
91	100		
92	54.2	27.4	82.2
134	26.0	12.6	37.8

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#90

Hexachloroethane

Concen: 22.898 ug/l

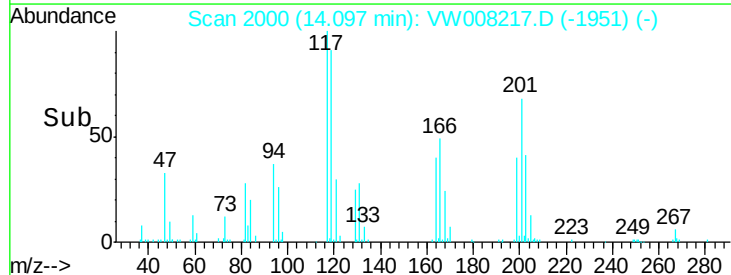
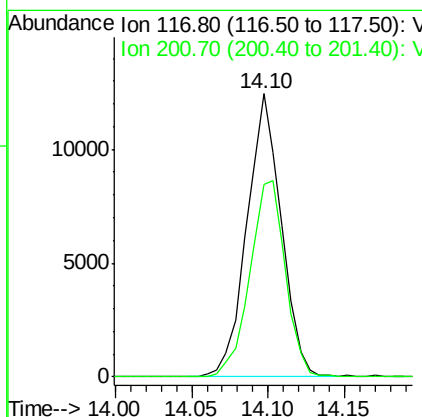
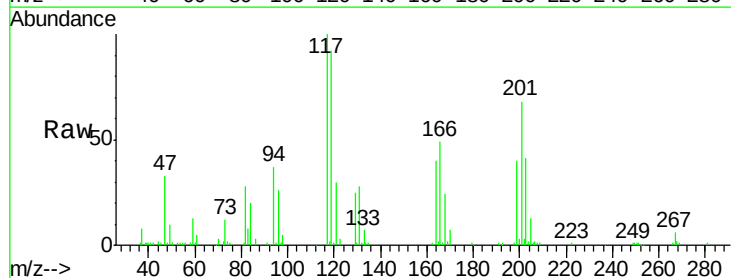
RT: 14.10 min Scan# 2000

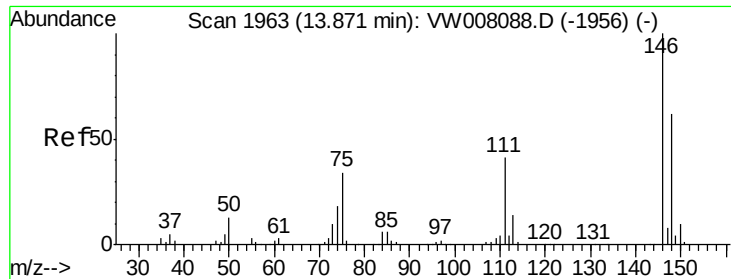
Delta R.T. 0.00 min

Lab File: VW008217.D

Acq: 12 Jan 2019 03:35

Tgt Ion:	117	Resp:	19410
Ion	Ratio	Lower	Upper
117	100		
201	71.7	33.0	98.9





#91

1,2-Dichlorobenzene

Concen: 23.556 ug/l

RT: 13.87 min Scan# 1963

Delta R.T. 0.00 min

Lab File: VW008217.D

Acq: 12 Jan 2019 03:35

Instrument :

MSVOA_W

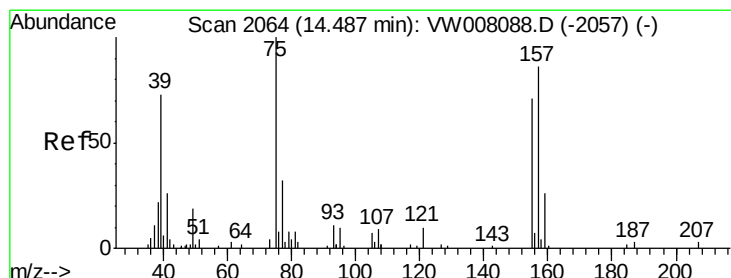
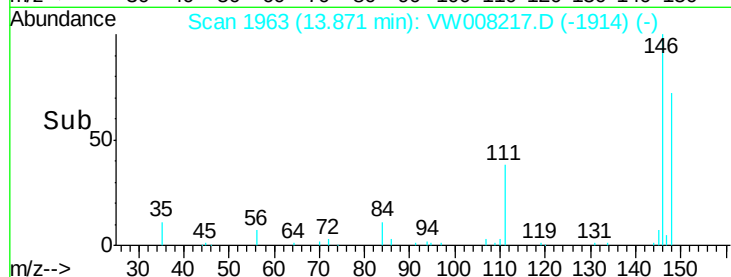
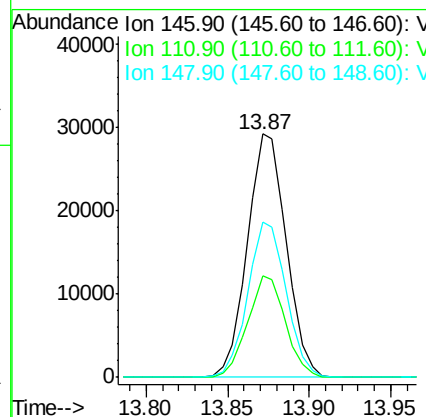
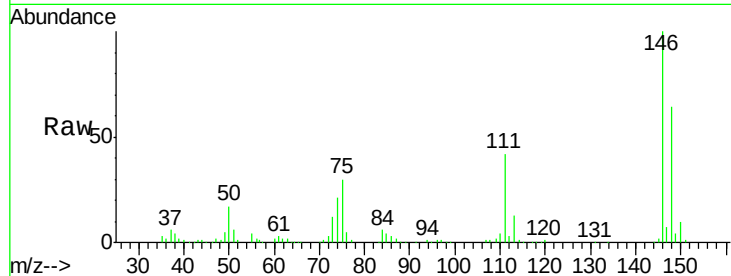
ClientSampleId :

VW0111SBSD02

Tot Ion:	146	Resp:	48423
Ion Ratio	Lower	Upper	
146	100		
111	40.3	21.3	63.7
148	63.2	31.5	94.5

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#92

1,2-Dibromo-3-Chloropropane

Concen: 22.131 ug/l

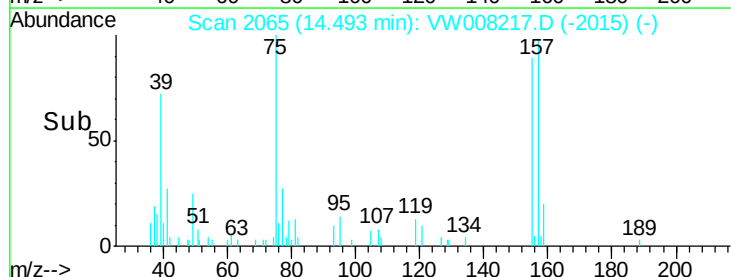
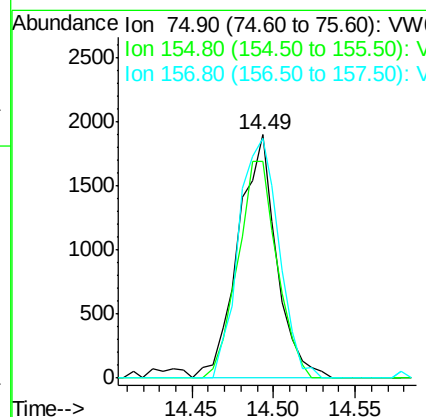
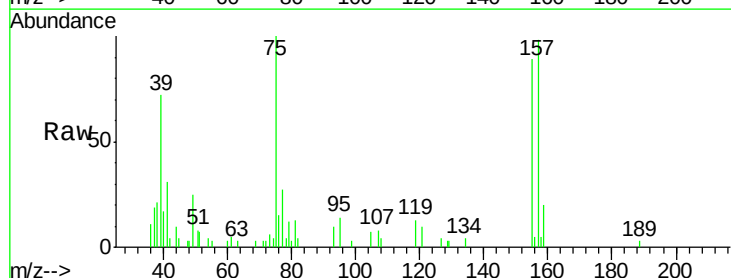
RT: 14.49 min Scan# 2065

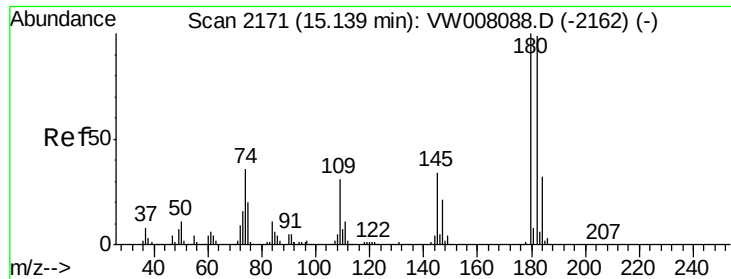
Delta R.T. 0.01 min

Lab File: VW008217.D

Acq: 12 Jan 2019 03:35

Tgt Ion:	75	Resp:	3111
Ion Ratio	Lower	Upper	
75	100		
155	91.6	38.6	115.7
157	103.6	47.5	142.6





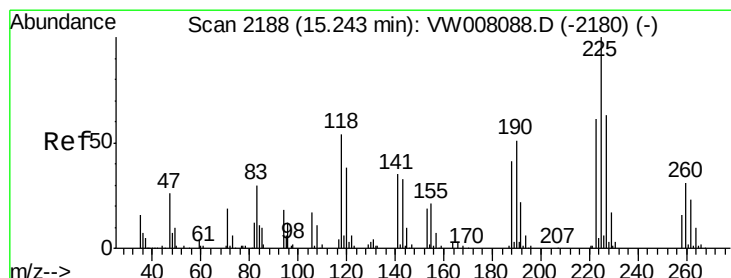
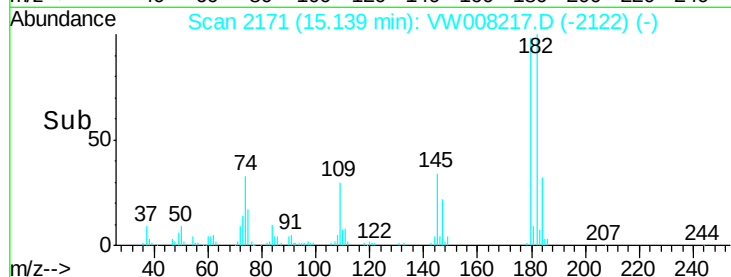
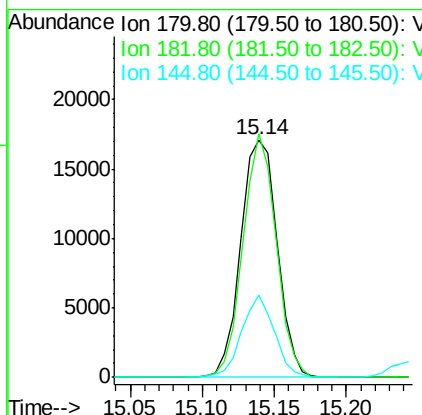
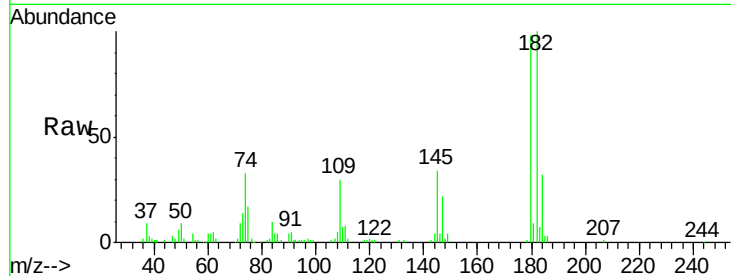
#93
1,2,4-Trichlorobenzene
Concen: 21.989 ug/l
RT: 15.14 min Scan# 2171
Delta R.T. 0.00 min
Lab File: VW008217.D
Acq: 12 Jan 2019 03:35

Instrument :
MSVOA_W
ClientSampleId :
VW0111SBSD02

Tot Ion	Ratio	Resp	Lower	Upper
180	100	30011		
182	92.8	48.6	145.9	
145	30.9	16.6	49.7	

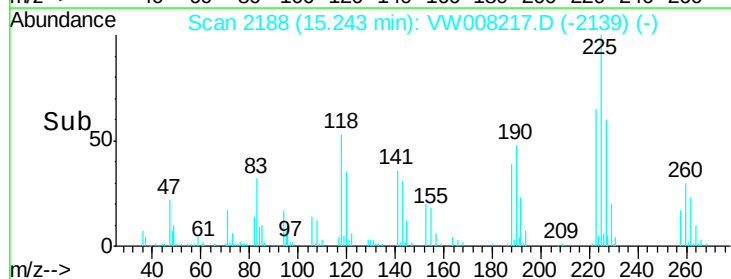
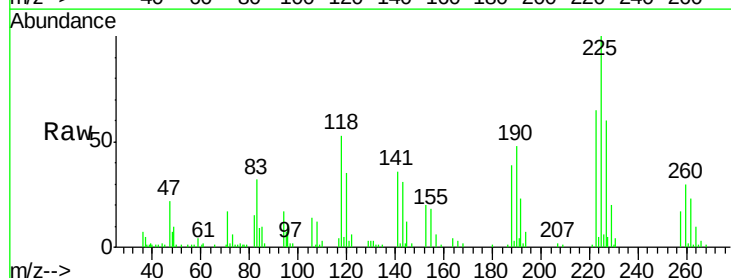
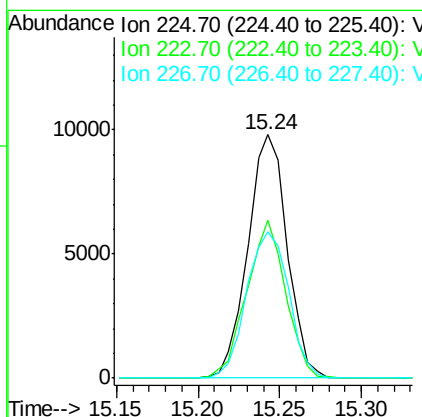
Manual Integrations
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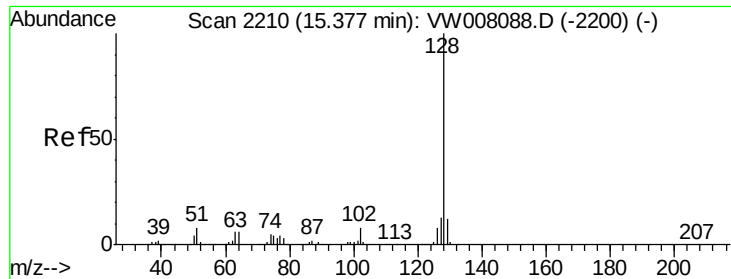
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1/14/2019 2:42:33 PM



#94
Hexachlorobutadiene
Concen: 22.569 ug/l
RT: 15.24 min Scan# 2188
Delta R.T. 0.00 min
Lab File: VW008217.D
Acq: 12 Jan 2019 03:35

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	16487		
223	64.1	31.4	94.3	
227	64.4	32.0	96.2	





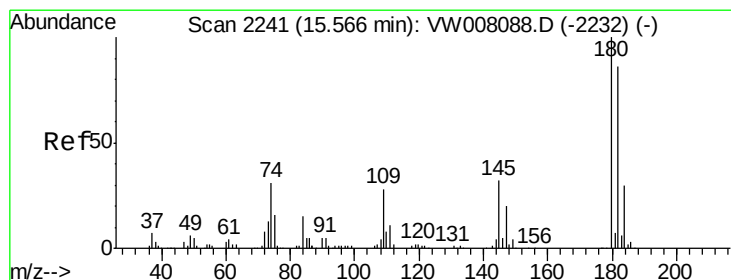
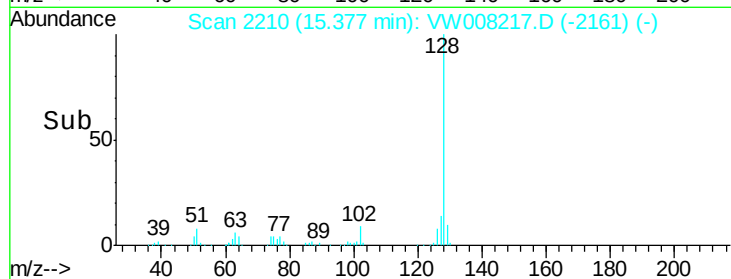
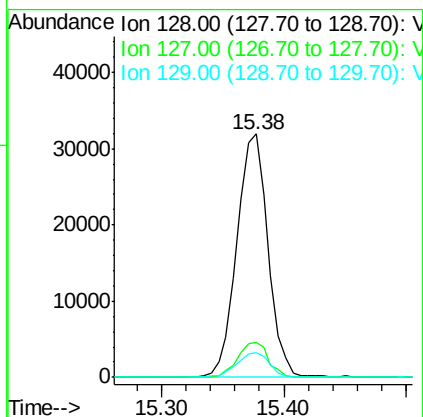
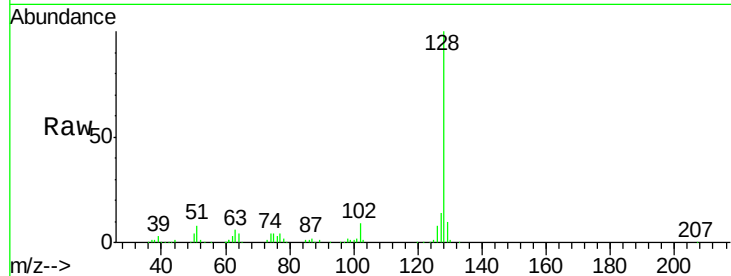
#95
Naphthalene
Concen: 22.084 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. 0.00 min
Lab File: VW008217.D
Acq: 12 Jan 2019 03:35

Instrument :
MSVOA_W
ClientSampleId :
VW0111SBSD02

Tot Ion	Ratio	Lower	Upper
128	100		
127	14.4	11.0	16.4
129	10.9	9.0	13.6

Manual Integrations
APPROVED

apatel
1/14/2019 2:42:33 PM



#96
1,2,3-Trichlorobenzene
Concen: 22.563 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. 0.00 min
Lab File: VW008217.D
Acq: 12 Jan 2019 03:35

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.8	46.5	139.3
145	34.4	17.4	52.2

