

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW121718\
 Data File : VW007546.D
 Acq On : 14 Dec 2018 20:19
 Operator : SY/AP
 Sample : VSTDCCC050
 Misc : 5.74G/5ML/MSVOA_W/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
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 12/18/2018 4:37:14 PM

Quant Time: Dec 15 03:15:43 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W121118S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 11 02:58:16 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	83238	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	138581	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	122953	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	61480	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	44438	48.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.24%	
35) Dibromofluoromethane	7.88	113	40846	48.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.38%	
50) Toluene-d8	10.32	98	158666	50.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.88%	
62) 4-Bromofluorobenzene	12.62	95	60277	52.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.24%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.01	85	24982	42.949	ug/l	97
3) Chloromethane	2.22	50	21176	43.469	ug/l	98
4) Vinyl Chloride	2.37	62	30126	52.697	ug/l	100
5) Bromomethane	2.78	94	21094	54.917	ug/l	95
6) Chloroethane	2.93	64	17897	56.871	ug/l	100
7) Trichlorofluoromethane	3.26	101	30577	59.491	ug/l	96
8) Diethyl Ether	3.68	74	20484	50.920	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.06	101	44383	52.334	ug/l	99
10) Methyl Iodide	4.26	142	73553	52.366	ug/l	99
11) Tert butyl alcohol	5.17	59	16989	267.872	ug/l	98
12) 1,1-Dichloroethene	4.03	96	42398	51.924	ug/l	98
13) Acrolein	3.88	56	9391	223.777	ug/l	99
14) Allyl chloride	4.67	41	61759	51.312	ug/l	99
15) Acrylonitrile	5.37	53	44572	262.833	ug/l	99
16) Acetone	4.12	43	44143	273.669	ug/l	95
17) Carbon Disulfide	4.37	76	125726	50.782	ug/l	99
18) Methyl Acetate	4.67	43	21845	49.899	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	70046	56.865	ug/l	99
20) Methylene Chloride	4.91	84	46132	52.495	ug/l	97
21) trans-1,2-Dichloroethene	5.42	96	46991	51.445	ug/l	99
22) Diisopropyl ether	6.31	45	122265	52.849	ug/l	97
23) Vinyl Acetate	6.26	43	355990	275.106	ug/l	97
24) 1,1-Dichloroethane	6.21	63	80916	51.750	ug/l	99
25) 2-Butanone	7.17	43	58204	276.400	ug/l	97
26) 2,2-Dichloropropane	7.16	77	57636	55.697	ug/l	100
27) cis-1,2-Dichloroethene	7.16	96	52372	52.364	ug/l	98
28) Bromochloromethane	7.51	49	26933	45.794	ug/l	97
29) Tetrahydrofuran	7.52	42	35317	264.923	ug/l	97
30) Chloroform	7.67	83	87944	51.684	ug/l	99
31) Cyclohexane	7.95	56	70944	49.453	ug/l	97
32) 1,1,1-Trichloroethane	7.87	97	80998	54.282	ug/l	99
36) 1,1-Dichloropropene	8.08	75	68146	53.905	ug/l	98
37) Ethyl Acetate	7.25	43	26098	55.505	ug/l	99
38) Carbon Tetrachloride	8.07	117	74404	54.091	ug/l	96

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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	86432	56.462	ug/l	90
40) Benzene	8.32	78	185858	52.976	ug/l	99
41) Methacrylonitrile	7.48	41	14992	55.991	ug/l	98
42) 1,2-Dichloroethane	8.40	62	59722	54.191	ug/l	100
43) Isopropyl Acetate	8.43	43	52048	56.039	ug/l	100
44) Trichloroethene	9.09	130	55288	55.187	ug/l	99
45) 1,2-Dichloropropane	9.37	63	43880	54.048	ug/l	98
46) Dibromomethane	9.46	93	25536	55.387	ug/l	96
47) Bromodichloromethane	9.65	83	65867	54.465	ug/l	95
48) Methyl methacrylate	9.44	41	25658	53.790	ug/l	96
49) 1,4-Dioxane	9.44	88	8374	1119.395	ug/l	98
51) 4-Methyl-2-Pentanone	10.21	43	130071	296.392	ug/l	98
52) Toluene	10.39	92	131820	58.060	ug/l	98
53) t-1,3-Dichloropropene	10.61	75	67786	57.736	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	74645	54.998	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	35876	57.174	ug/l	96
56) Ethyl methacrylate	10.65	69	45794	60.717	ug/l	98
57) 1,3-Dichloropropane	10.93	76	60478	58.720	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	96287	276.842	ug/l	100
59) 2-Hexanone	10.97	43	89819	306.944	ug/l	99
60) Dibromochloromethane	11.13	129	45699	57.709	ug/l	99
61) 1,2-Dibromoethane	11.24	107	35816	57.758	ug/l	96
64) Tetrachloroethene	10.87	164	45545	51.510	ug/l	94
65) Chlorobenzene	11.66	112	140672	54.891	ug/l	93
66) 1,1,1,2-Tetrachloroethane	11.73	131	48644	53.894	ug/l	97
67) Ethyl Benzene	11.73	91	249342	56.591	ug/l	95
68) m/p-Xylenes	11.84	106	195871	114.352	ug/l	100
69) o-Xylene	12.17	106	90894	56.819	ug/l	95
70) Styrene	12.18	104	150638	58.299	ug/l	98
71) Bromoform	12.35	173	25870	55.998	ug/l #	96
73) Isopropylbenzene	12.47	105	257996	54.766	ug/l	100
74) N-amyl acetate	12.27	43	49886	58.268	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	39335	56.376	ug/l	95
76) 1,2,3-Trichloropropane	12.77	75	30564m	60.294	ug/l	
77) Bromobenzene	12.75	156	56802	54.397	ug/l	94
78) n-propylbenzene	12.81	91	299677	56.526	ug/l	99
79) 2-Chlorotoluene	12.90	91	174623	54.435	ug/l	98
80) 1,3,5-Trimethylbenzene	12.94	105	219214	55.381	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	13098	57.077	ug/l	91
82) 4-Chlorotoluene	12.99	91	182273	53.904	ug/l	98
83) tert-Butylbenzene	13.21	119	195533	56.062	ug/l	100
84) 1,2,4-Trimethylbenzene	13.26	105	223408	54.848	ug/l	97
85) sec-Butylbenzene	13.39	105	266700	56.015	ug/l	96
86) p-Isopropyltoluene	13.51	119	238069	55.658	ug/l	98
87) 1,3-Dichlorobenzene	13.51	146	113218	54.381	ug/l	98
88) 1,4-Dichlorobenzene	13.58	146	113443	54.200	ug/l	97
89) n-Butylbenzene	13.83	91	223421	56.344	ug/l	98
90) Hexachloroethane	14.10	117	41003	53.875	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	101656	54.516	ug/l	96
92) 1,2-Dibromo-3-Chloropropan	14.49	75	7628	54.478	ug/l	97

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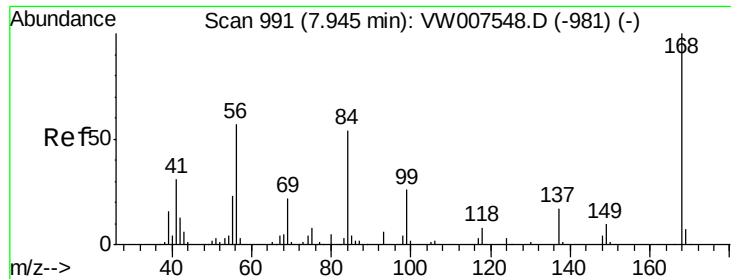
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	68912	53.700	ug/l	95
94) Hexachlorobutadiene	15.24	225	35463	52.083	ug/l	100
95) Naphthalene	15.38	128	138864	56.565	ug/l	98
96) 1,2,3-Trichlorobenzene	15.57	180	59860	53.698	ug/l	97

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW007546.D

Acq: 14 Dec 2018 20:19

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 168 Resp: 83238

Ion Ratio Lower Upper

168 100

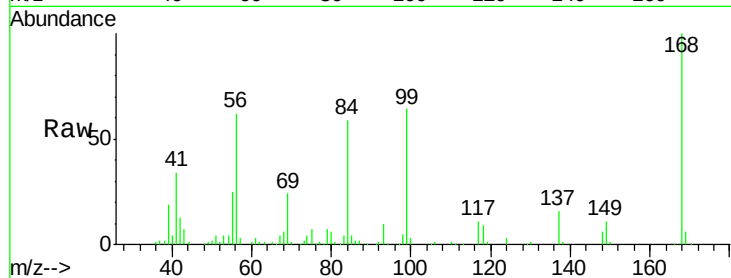
99 64.2 48.3 72.5

Manual Integrations

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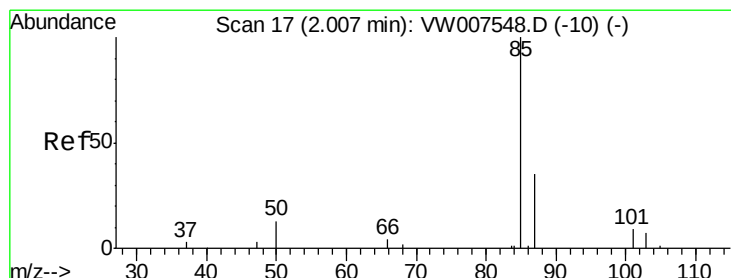
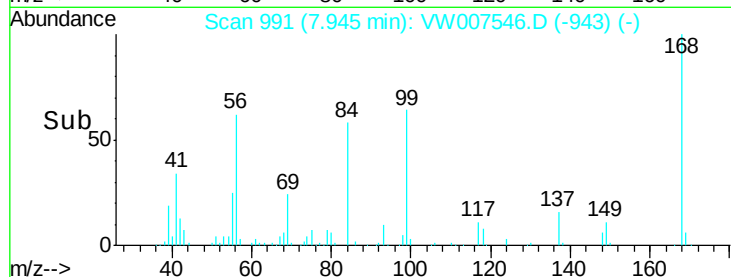
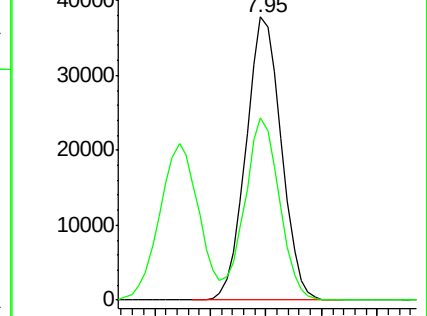
apatel

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: 42.949 ug/l

RT: 2.01 min Scan# 18

Delta R.T. 0.01 min

Lab File: VW007546.D

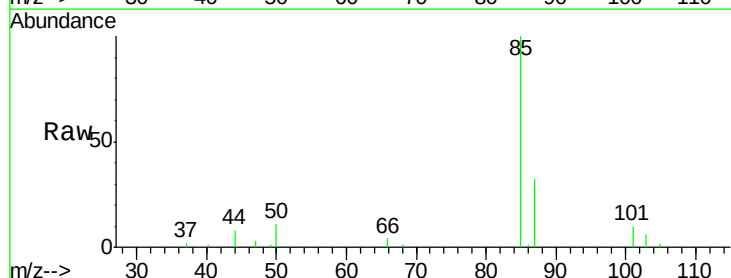
Acq: 14 Dec 2018 20:19

Tgt Ion: 85 Resp: 24982

Ion Ratio Lower Upper

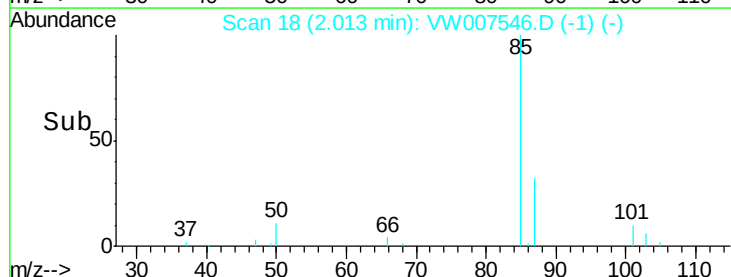
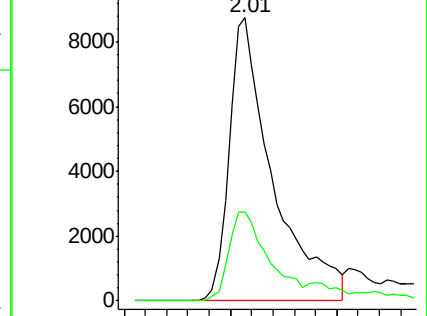
85 100

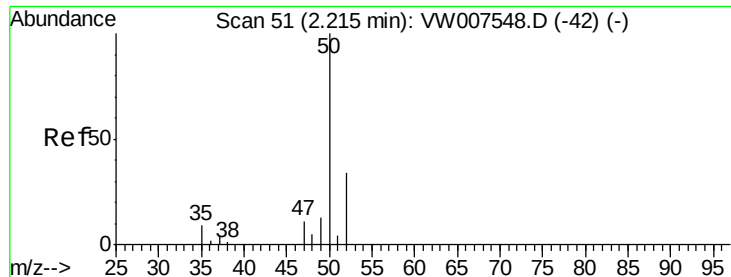
87 31.6 16.6 49.7



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#3

Chloromethane

Concen: 43.469 ug/l

RT: 2.22 min Scan# 52

Delta R.T. -0.00 min

Lab File: VW007546.D

Acq: 14 Dec 2018 20:19

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 50 Resp: 21176

Ion Ratio Lower Upper

50 100

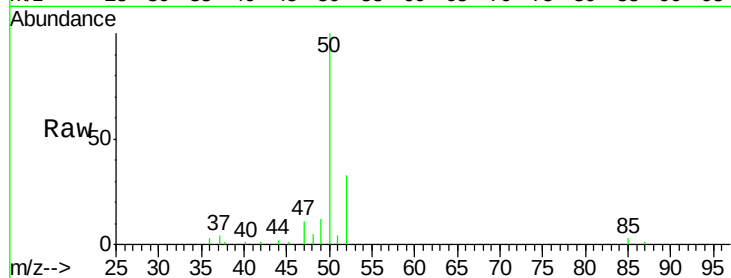
52 33.1 27.4 41.0

Manual Integrations

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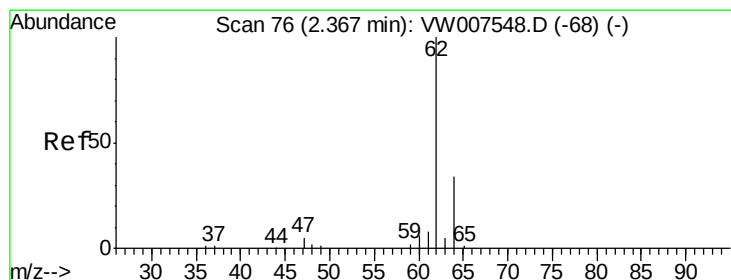
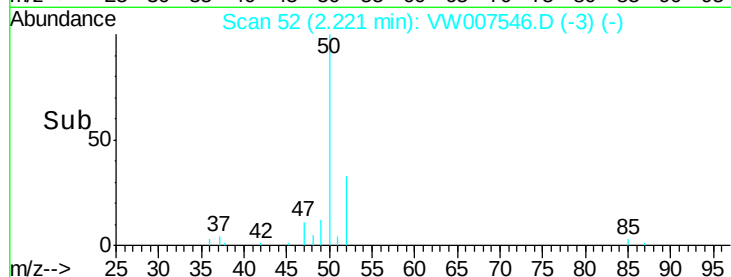
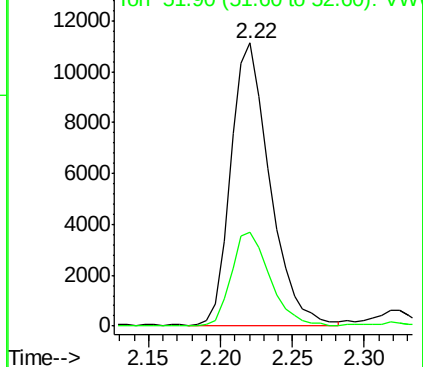
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Abundance Ion 49.90 (49.60 to 50.60): VW

Ion 51.90 (51.60 to 52.60): VW



#4

Vinyl Chloride

Concen: 52.697 ug/l

RT: 2.37 min Scan# 77

Delta R.T. 0.01 min

Lab File: VW007546.D

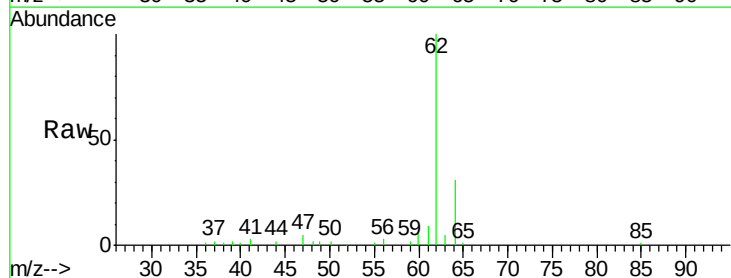
Acq: 14 Dec 2018 20:19

Tgt Ion: 62 Resp: 30126

Ion Ratio Lower Upper

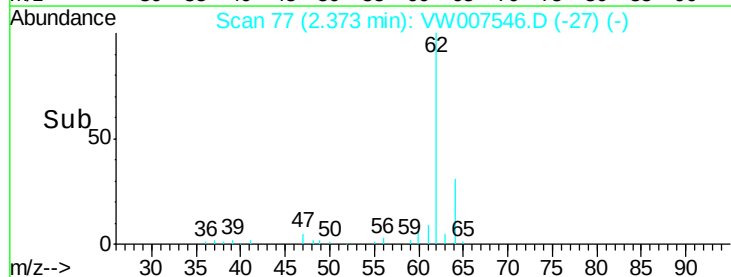
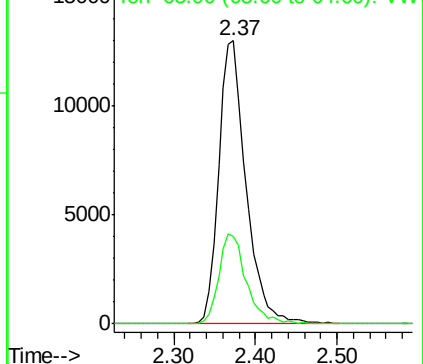
62 100

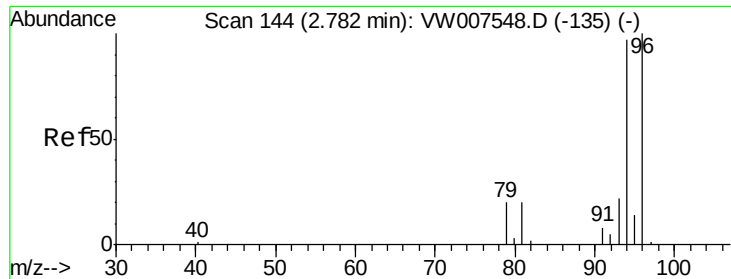
64 31.0 24.6 37.0



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 63.90 (63.60 to 64.60): VW





#5

Bromomethane

Concen: 54.917 ug/l

RT: 2.78 min Scan# 144

Delta R.T. 0.01 min

Lab File: VW007546.D

Acq: 14 Dec 2018 20:19

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 94 Resp: 21094

Ion Ratio Lower Upper

94 100

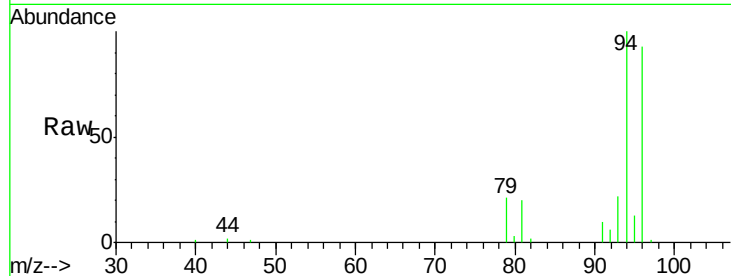
96 92.9 71.0 106.4

Manual Integrations

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Abundance Ion 93.90 (93.60 to 94.60): VW

Ion 95.90 (95.60 to 96.60): VW

2.78

10000

8000

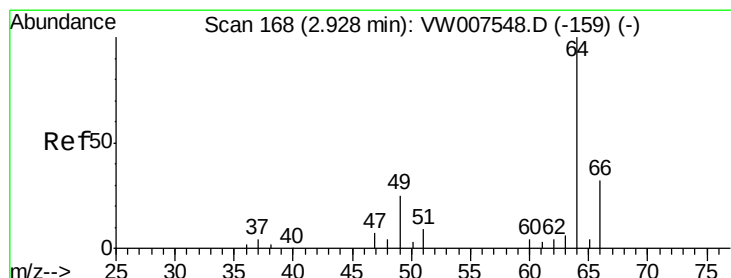
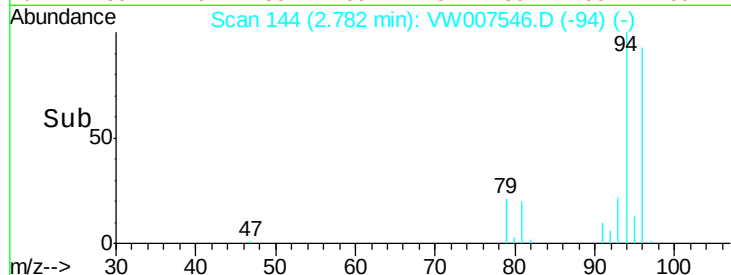
6000

4000

2000

0

Time-->



#6

Chloroethane

Concen: 56.871 ug/l

RT: 2.93 min Scan# 169

Delta R.T. 0.01 min

Lab File: VW007546.D

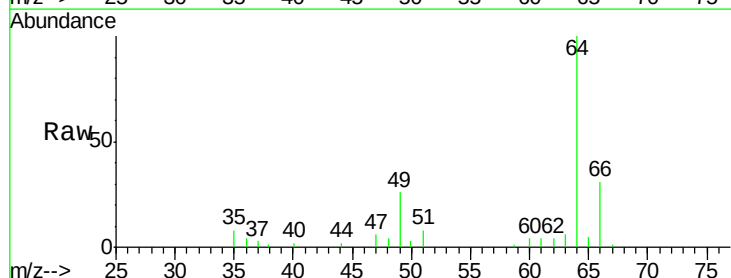
Acq: 14 Dec 2018 20:19

Tgt Ion: 64 Resp: 17897

Ion Ratio Lower Upper

64 100

66 31.0 24.6 37.0



Abundance Ion 63.90 (63.60 to 64.60): VW

Ion 65.90 (65.60 to 66.60): VW

2.93

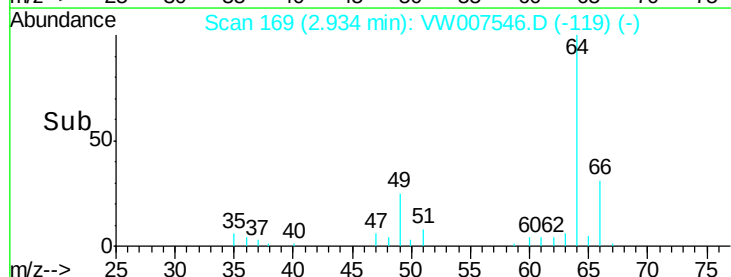
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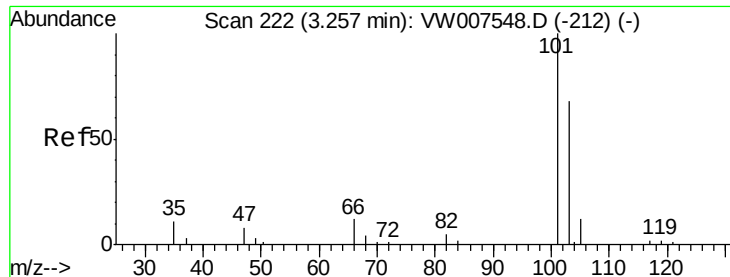
4000

2000

0

Time-->





#7

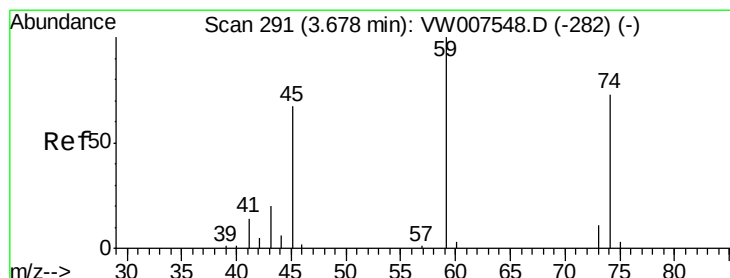
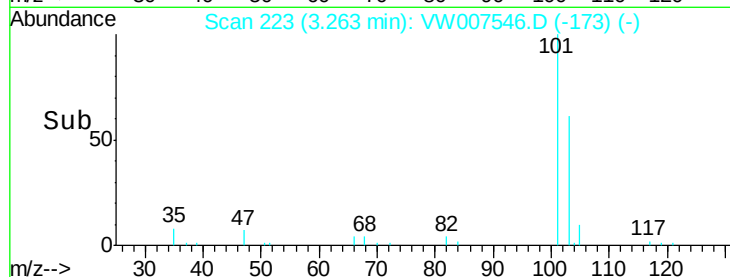
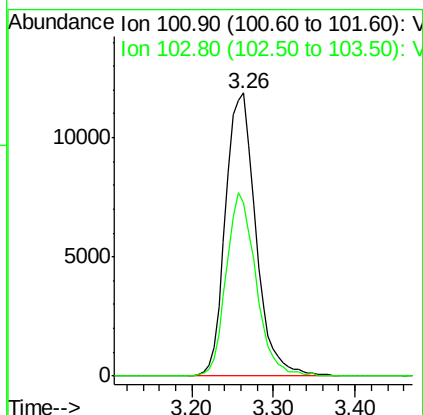
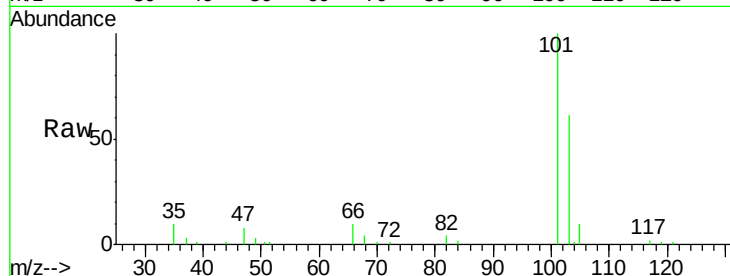
Trichlorofluoromethane
Concen: 59.491 ug/l
RT: 3.26 min Scan# 223
Delta R.T. 0.01 min
Lab File: VW007546.D
Acq: 14 Dec 2018 20:19

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 101 Resp: 30577
Ion Ratio Lower Upper
101 100
103 61.4 51.7 77.5

Manual Integrations
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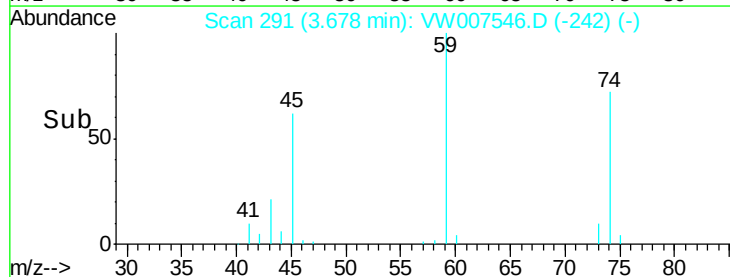
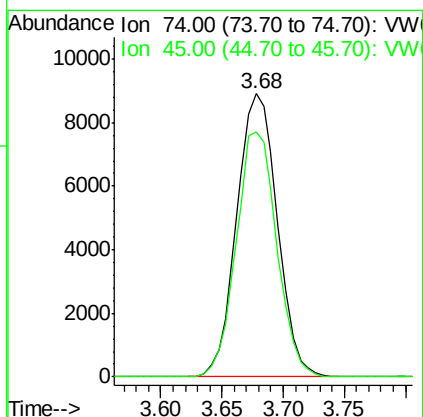
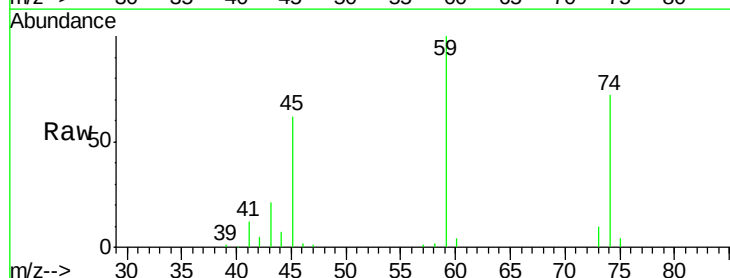
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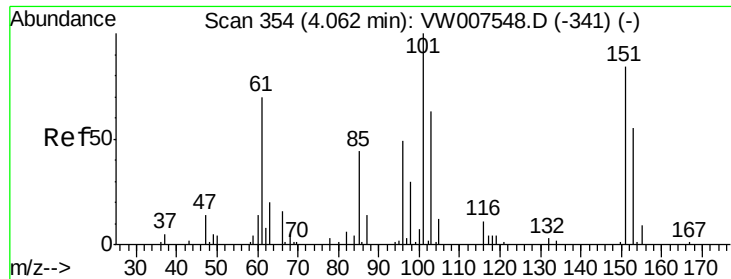


#8

Diethyl Ether
Concen: 50.920 ug/l
RT: 3.68 min Scan# 291
Delta R.T. -0.00 min
Lab File: VW007546.D
Acq: 14 Dec 2018 20:19

Tgt Ion: 74 Resp: 20484
Ion Ratio Lower Upper
74 100
45 86.3 43.0 129.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 52.334 ug/l

RT: 4.06 min Scan# 354

Delta R.T. 0.01 min

Lab File: VW007546.D

Acq: 14 Dec 2018 20:19

Instrument :

MSVOA_W

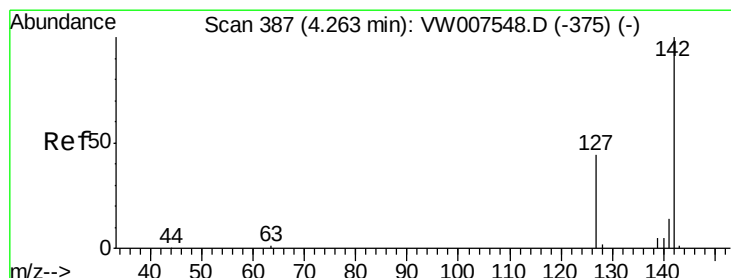
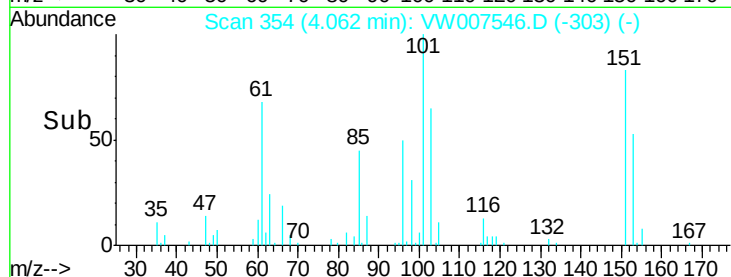
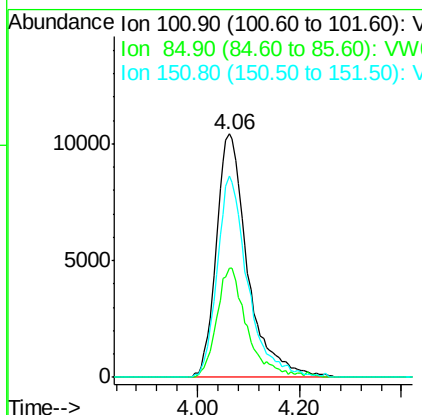
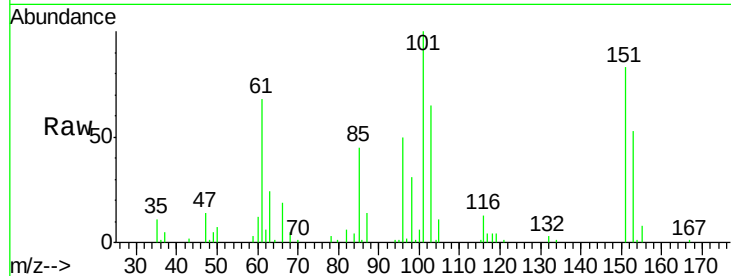
ClientSampleId :

VSTDCCC050EC

Tgt Ion:	101	Resp:	44383
Ion Ratio	Lower	Upper	
101	100		
85	43.4	33.9	50.9
151	80.5	63.7	95.5

Manual Integrations
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#10

Methyl Iodide

Concen: 52.366 ug/l

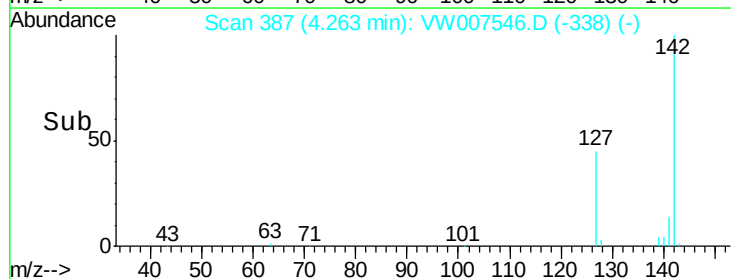
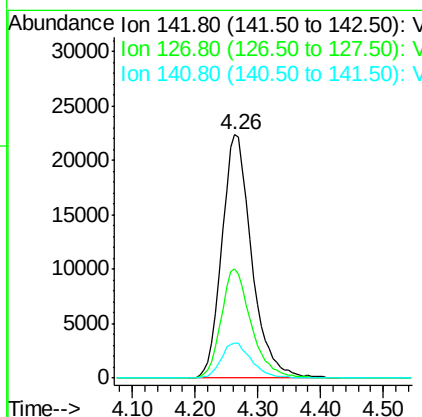
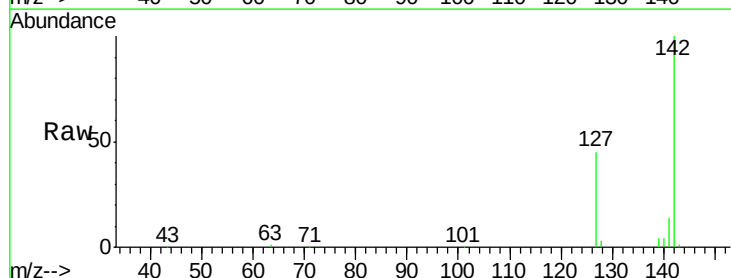
RT: 4.26 min Scan# 387

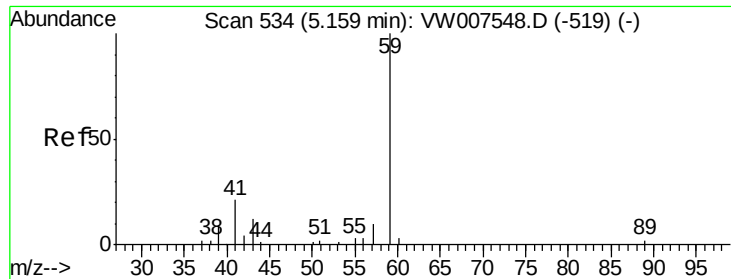
Delta R.T. -0.00 min

Lab File: VW007546.D

Acq: 14 Dec 2018 20:19

Tgt Ion:	142	Resp:	73553
Ion Ratio	Lower	Upper	
142	100		
127	45.2	35.8	53.6
141	14.7	11.1	16.7





#11

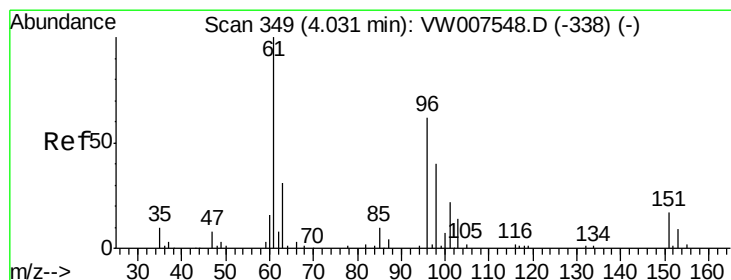
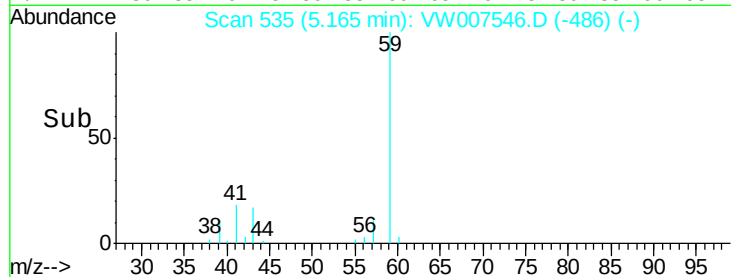
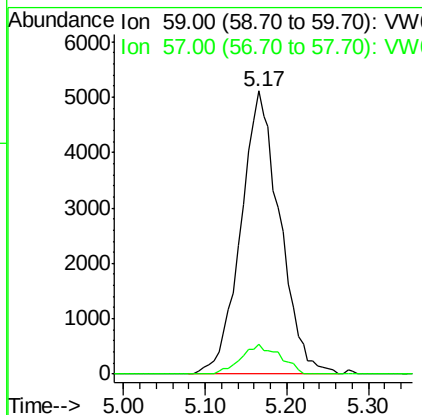
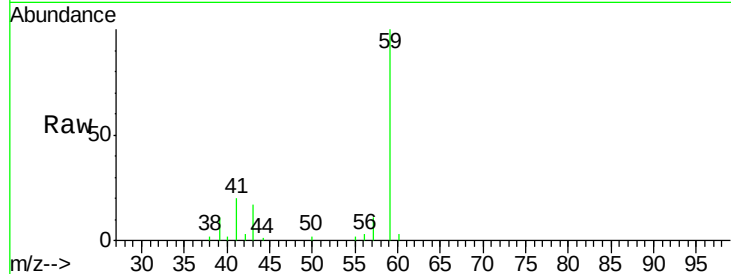
Tert butyl alcohol
Concen: 267.872 ug/l
RT: 5.17 min Scan# 535
Delta R.T. -0.00 min
Lab File: VW007546.D
Acq: 14 Dec 2018 20:19

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
59	100		
57	10.4	7.6	11.4

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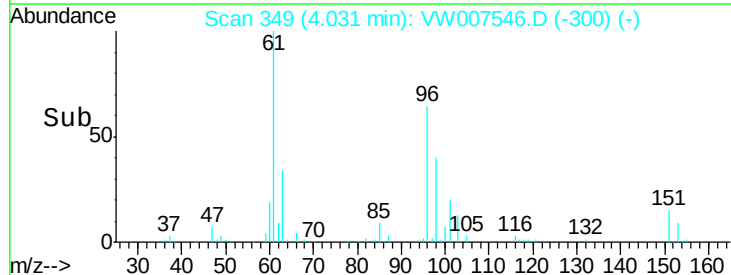
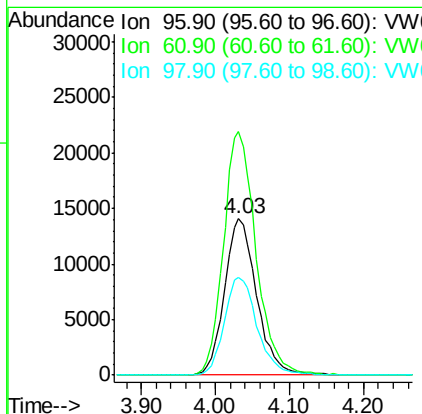
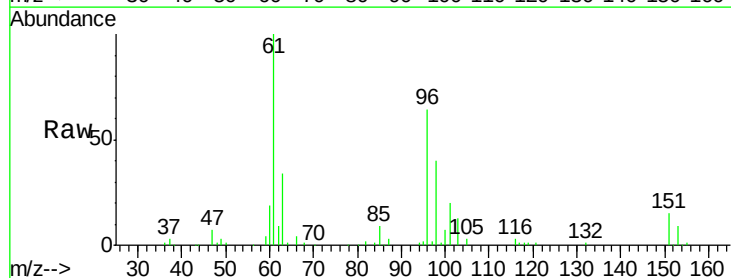
apatel
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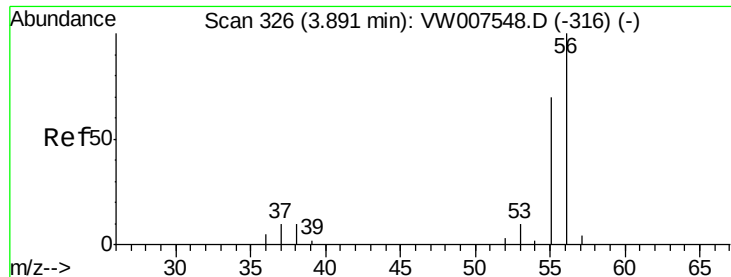


#12

1,1-Dichloroethene
Concen: 51.924 ug/l
RT: 4.03 min Scan# 349
Delta R.T. -0.00 min
Lab File: VW007546.D
Acq: 14 Dec 2018 20:19

Tgt Ion	Ratio	Lower	Upper
96	100		
61	156.0	126.2	189.2
98	62.9	48.3	72.5





#13

Acrolein

Concen: 223.777 ug/l

RT: 3.88 min Scan# 325

Delta R.T. -0.01 min

Lab File: VW007546.D

Acq: 14 Dec 2018 20:19

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 56 Resp: 9391

Ion Ratio Lower Upper

56 100

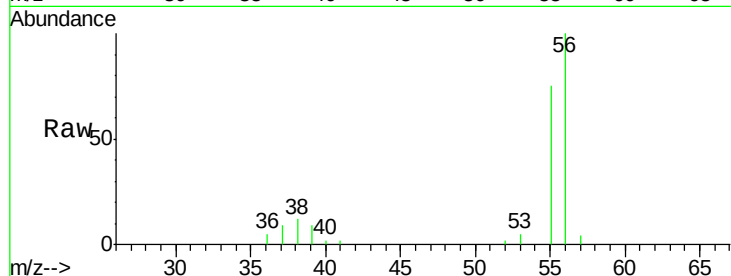
55 72.9 57.4 86.2

Manual Integrations

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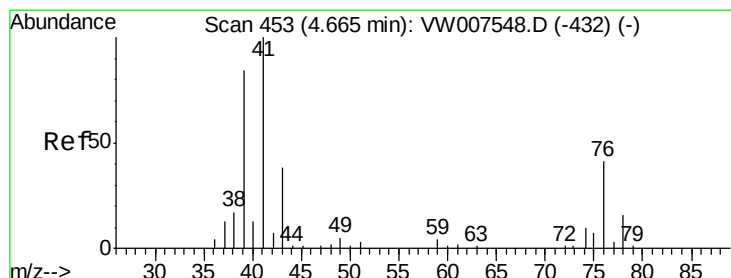
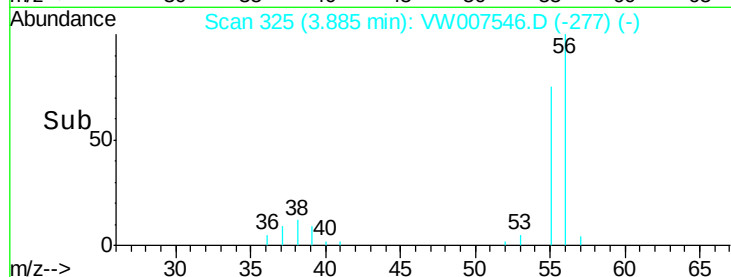
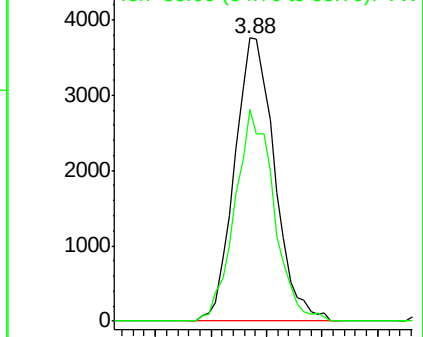
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Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 55.00 (54.70 to 55.70): VW



#14

Allyl chloride

Concen: 51.312 ug/l

RT: 4.67 min Scan# 453

Delta R.T. 0.01 min

Lab File: VW007546.D

Acq: 14 Dec 2018 20:19

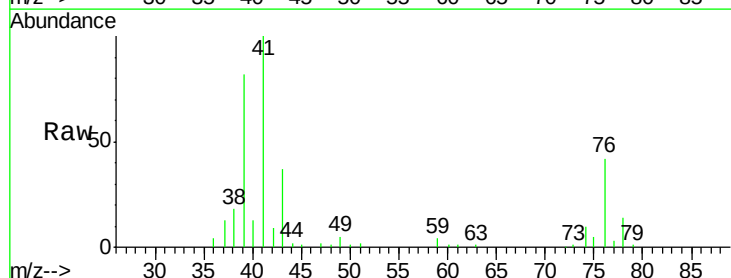
Tgt Ion: 41 Resp: 61759

Ion Ratio Lower Upper

41 100

39 79.7 63.4 95.2

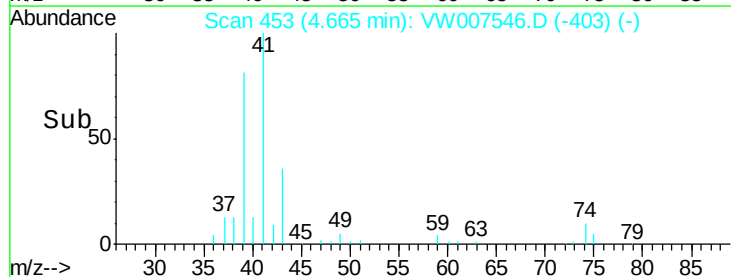
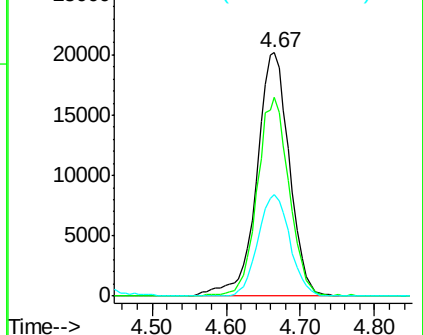
76 40.8 32.1 48.1

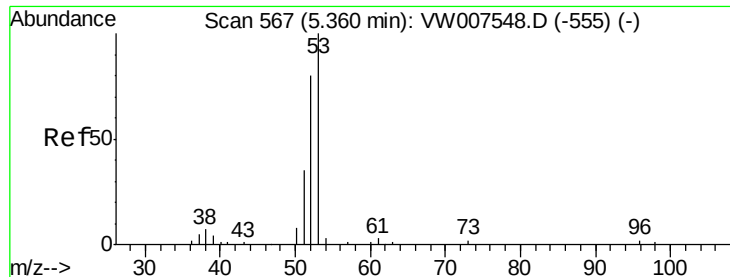


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

Ion 75.90 (75.60 to 76.60): VW





#15

Acrylonitrile

Concen: 262.833 ug/l

RT: 5.37 min Scan# 568

Delta R.T. -0.00 min

Lab File: VW007546.D

Acq: 14 Dec 2018 20:19

Instrument :

MSVOA_W

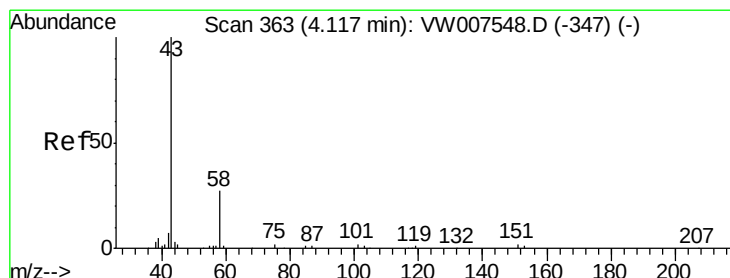
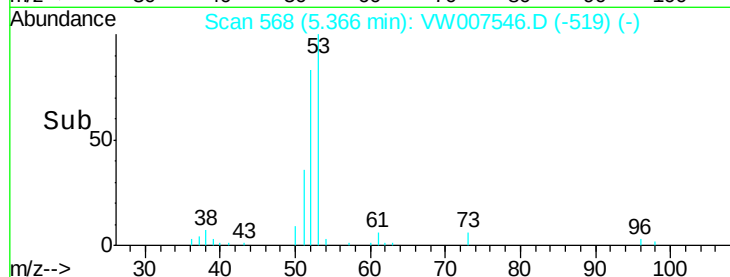
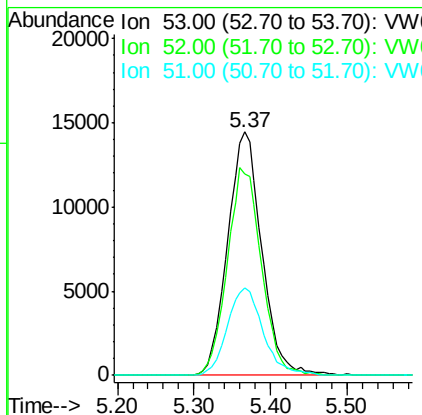
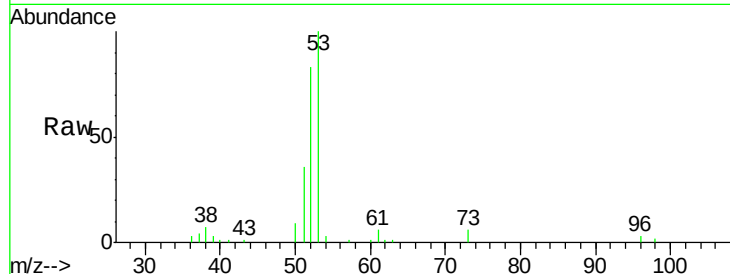
ClientSampleId :

VSTDCCC050EC

Tgt Ion:	53	Resp:	44572
Ion	Ratio	Lower	Upper
53	100		
52	85.2	67.4	101.2
51	37.6	30.2	45.2

Manual Integrations
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#16

Acetone

Concen: 273.669 ug/l

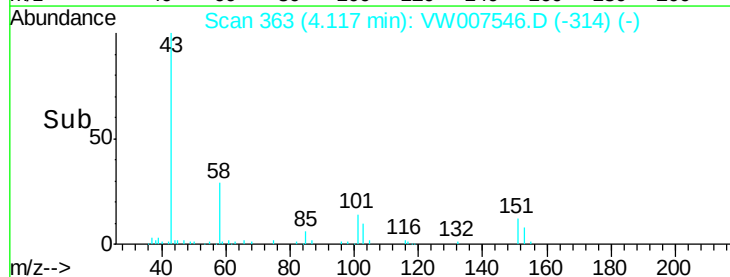
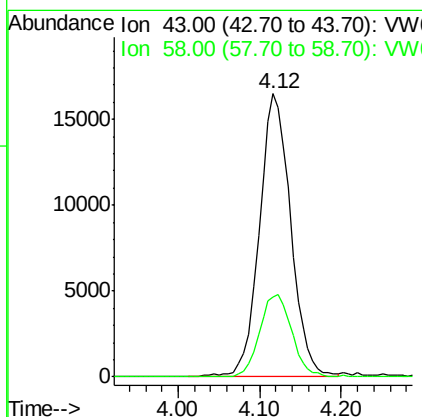
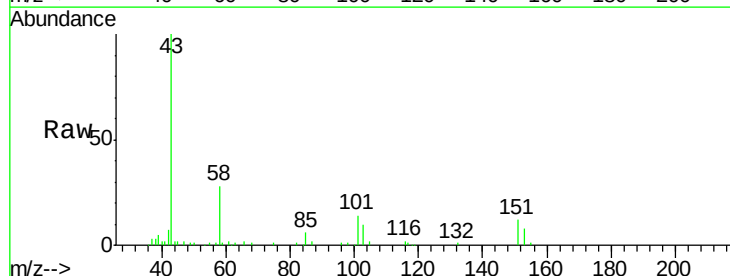
RT: 4.12 min Scan# 363

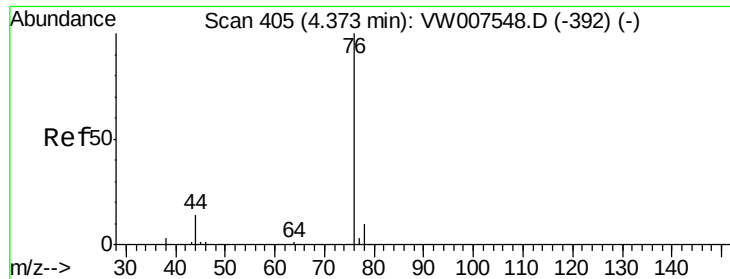
Delta R.T. -0.00 min

Lab File: VW007546.D

Acq: 14 Dec 2018 20:19

Tgt Ion:	43	Resp:	44143
Ion	Ratio	Lower	Upper
43	100		
58	28.4	24.9	37.3





#17

Carbon Disulfide

Concen: 50.782 ug/l

RT: 4.37 min Scan# 405

Delta R.T. -0.01 min

Lab File: VW007546.D

Acq: 14 Dec 2018 20:19

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 125726

Ion Ratio Lower Upper

76 100

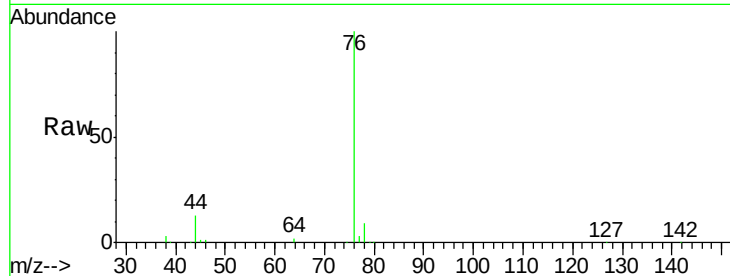
78 9.2 7.1 10.7

Manual Integrations

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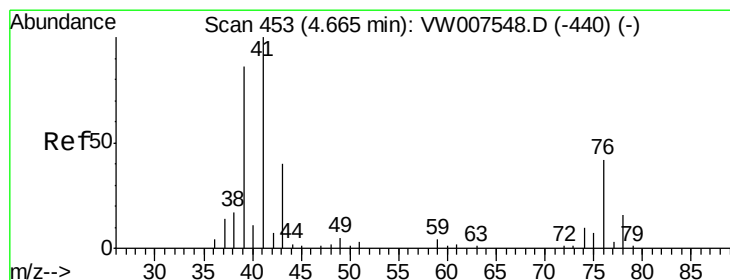
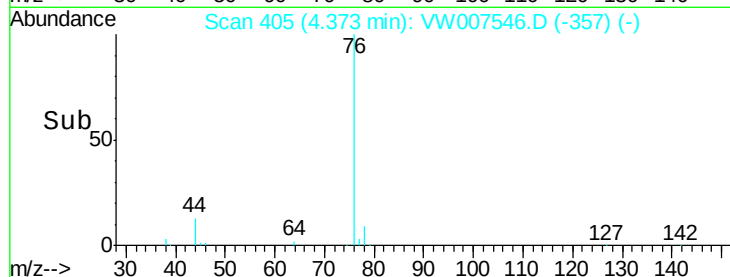
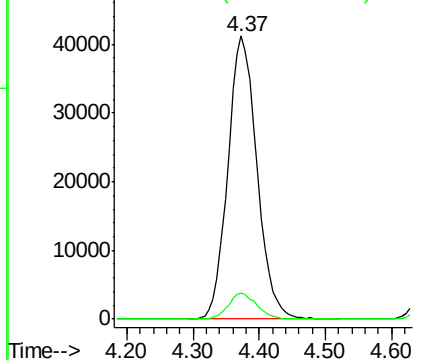
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Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW



#18

Methyl Acetate

Concen: 49.899 ug/l

RT: 4.67 min Scan# 453

Delta R.T. -0.00 min

Lab File: VW007546.D

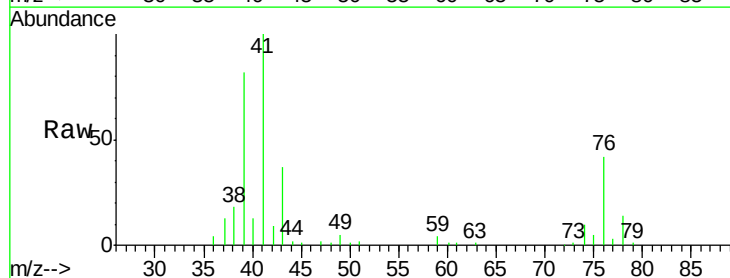
Acq: 14 Dec 2018 20:19

Tgt Ion: 43 Resp: 21845

Ion Ratio Lower Upper

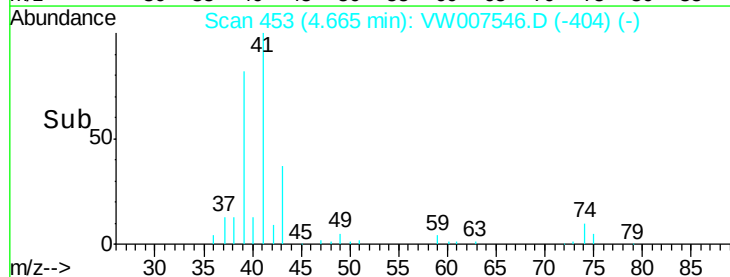
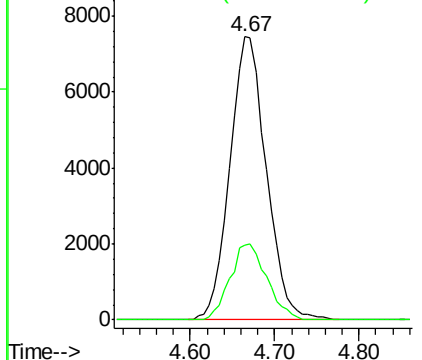
43 100

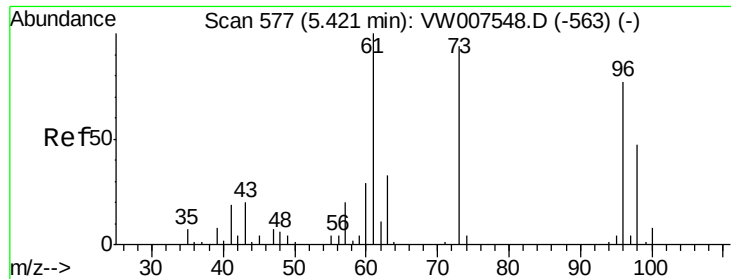
74 27.1 21.1 31.7



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW





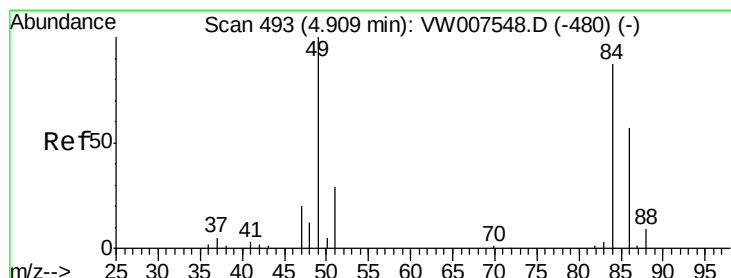
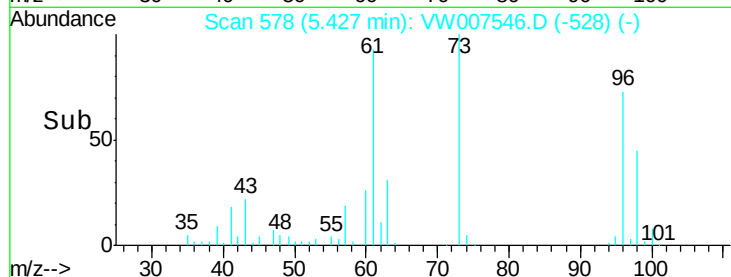
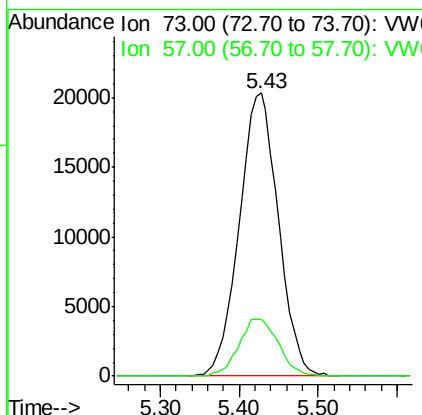
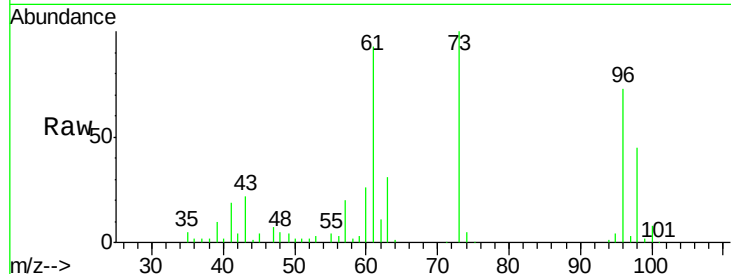
#19
Methyl tert-butyl Ether
Concen: 56.865 ug/l
RT: 5.43 min Scan# 578
Delta R.T. 0.01 min
Lab File: VW007546.D
Acq: 14 Dec 2018 20:19

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 73 Resp: 70046
Ion Ratio Lower Upper
73 100
57 19.9 16.4 24.6

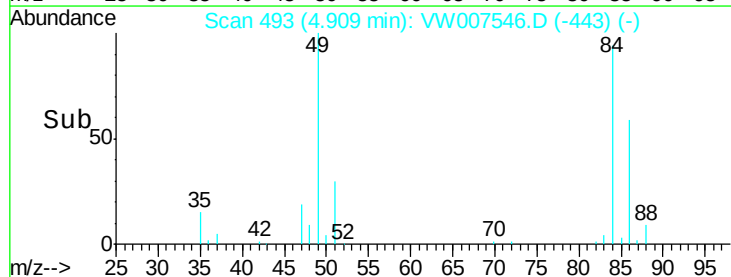
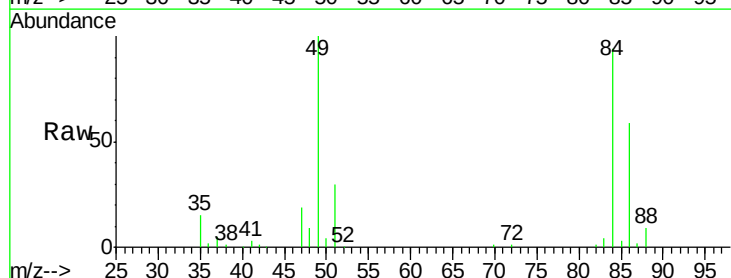
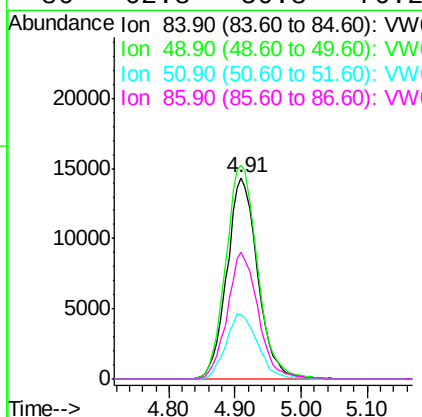
Manual Integrations
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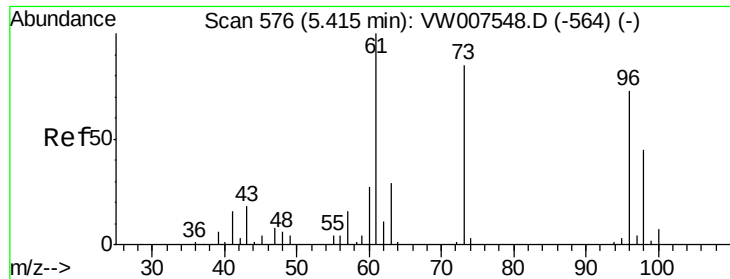
apatel
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#20
Methylene Chloride
Concen: 52.495 ug/l
RT: 4.91 min Scan# 493
Delta R.T. 0.01 min
Lab File: VW007546.D
Acq: 14 Dec 2018 20:19

Tgt Ion: 84 Resp: 46132
Ion Ratio Lower Upper
84 100
49 106.0 87.1 130.7
51 31.8 28.2 42.2
86 62.8 50.8 76.2





#21

trans-1,2-Dichloroethene

Concen: 51.445 ug/l

RT: 5.42 min Scan# 576

Delta R.T. -0.00 min

Lab File: VW007546.D

Acq: 14 Dec 2018 20:19

Instrument :

MSVOA_W

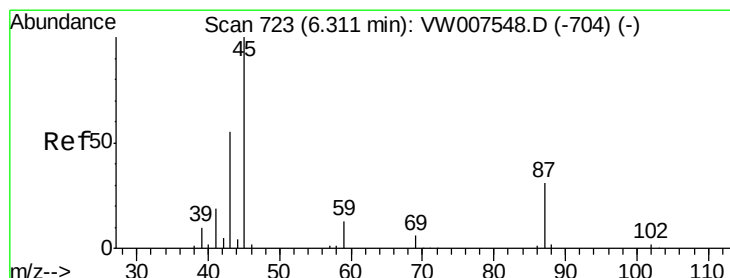
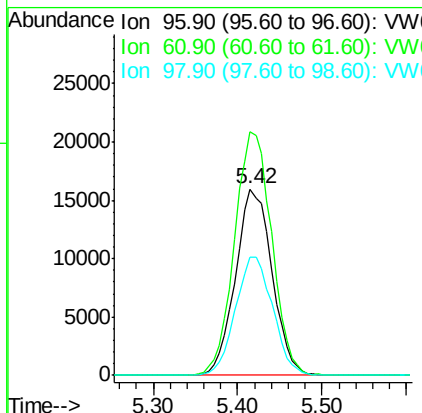
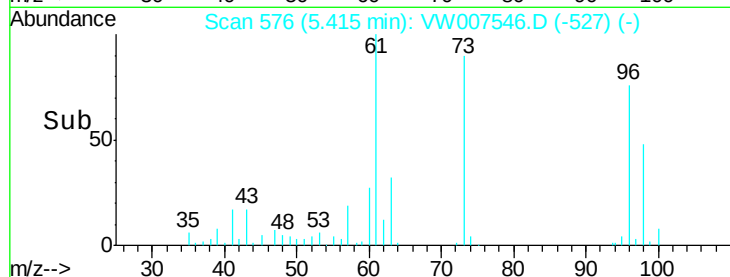
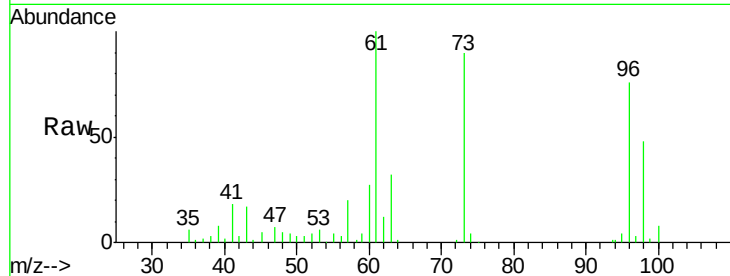
ClientSampleId :

VSTDCCC050EC

Tgt Ion:	96	Resp:	46991
Ion	Ratio	Lower	Upper
96	100		
61	130.8	105.0	157.6
98	63.3	49.7	74.5

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#22

Diisopropyl ether

Concen: 52.849 ug/l

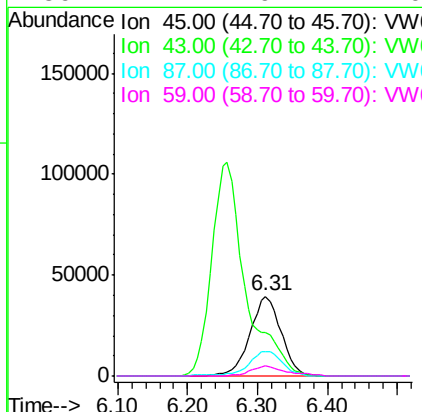
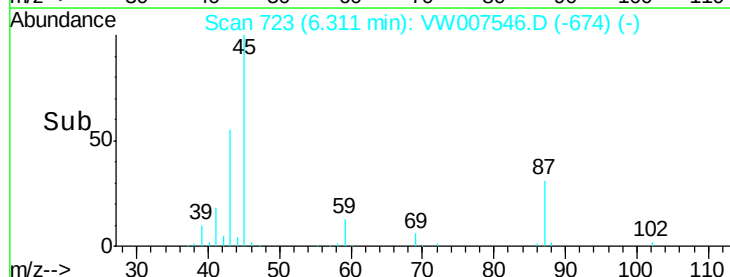
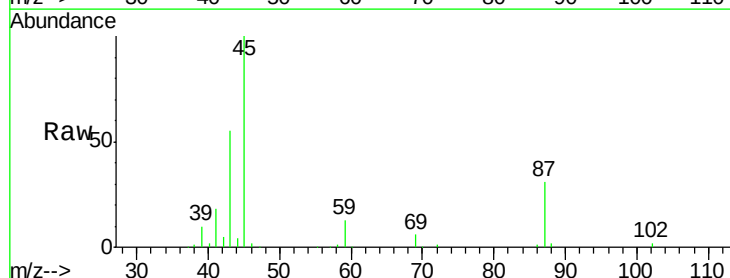
RT: 6.31 min Scan# 723

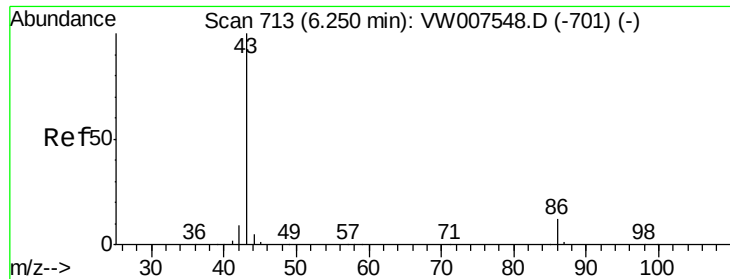
Delta R.T. -0.00 min

Lab File: VW007546.D

Acq: 14 Dec 2018 20:19

Tgt Ion:	45	Resp:	122265
Ion	Ratio	Lower	Upper
45	100		
43	54.6	41.6	62.4
87	30.9	24.3	36.5
59	12.4	9.4	14.0





#23

Vinyl Acetate

Concen: 275.106 ug/l

RT: 6.26 min Scan# 714

Delta R.T. 0.01 min

Lab File: VW007546.D

Acq: 14 Dec 2018 20:19

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 355990

Ion Ratio Lower Upper

43 100

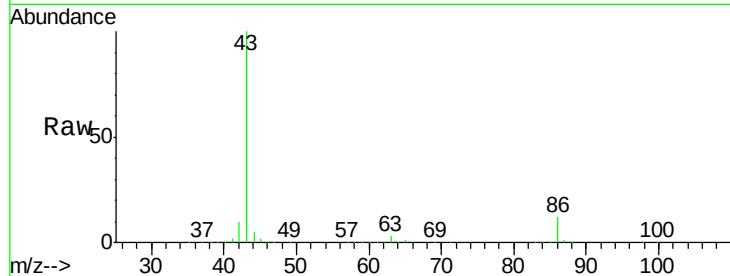
86 11.7 8.6 12.8

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW

6.26

120000

100000

80000

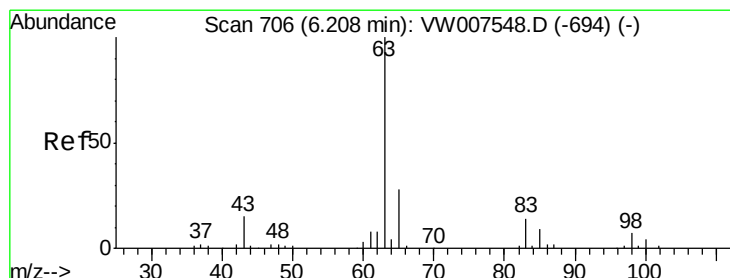
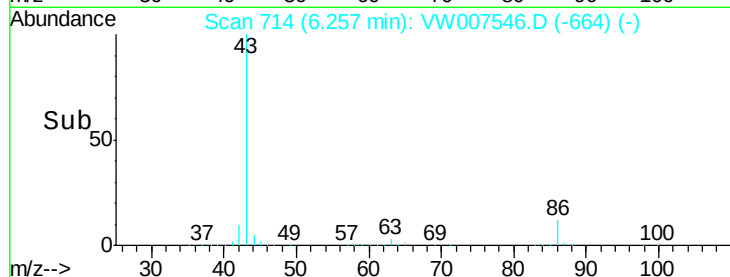
60000

40000

20000

0

Time-->



#24

1,1-Dichloroethane

Concen: 51.750 ug/l

RT: 6.21 min Scan# 707

Delta R.T. -0.00 min

Lab File: VW007546.D

Acq: 14 Dec 2018 20:19

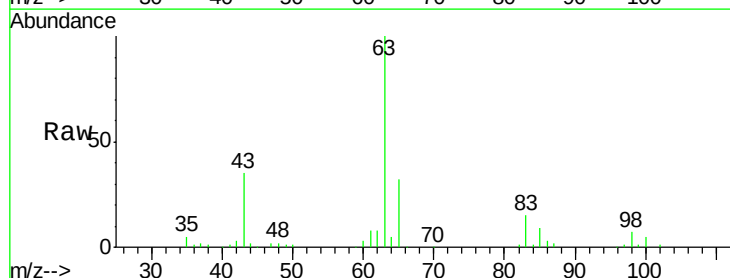
Tgt Ion: 63 Resp: 80916

Ion Ratio Lower Upper

63 100

98 7.1 3.5 10.4

100 4.9 2.5 7.5



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

6.21

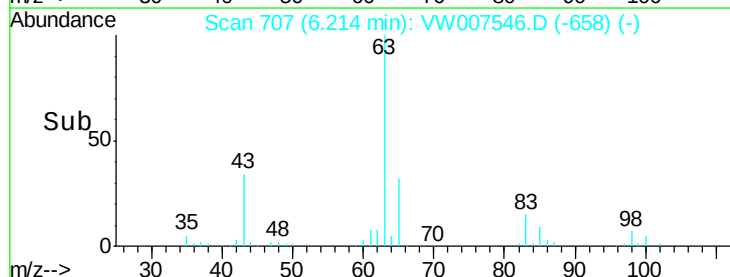
30000

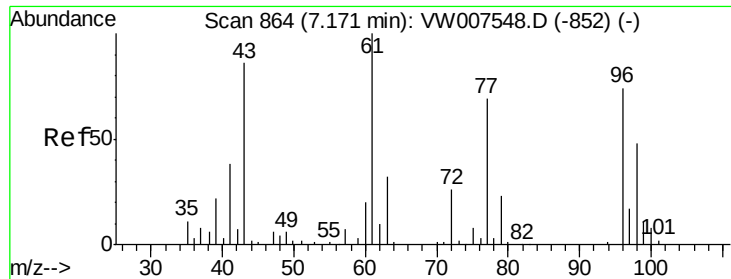
20000

10000

0

Time-->





#25

2-Butanone

Concen: 276.400 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.00 min

Lab File: VW007546.D

Acq: 14 Dec 2018 20:19

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 58204

Ion Ratio Lower Upper

43 100

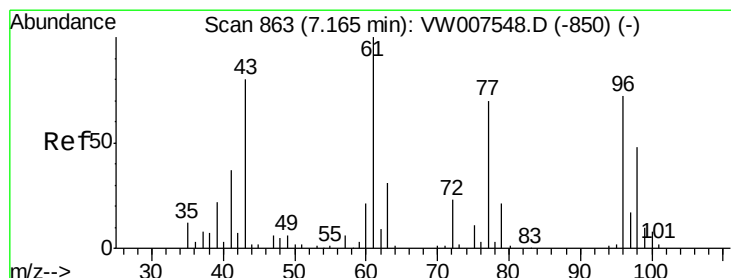
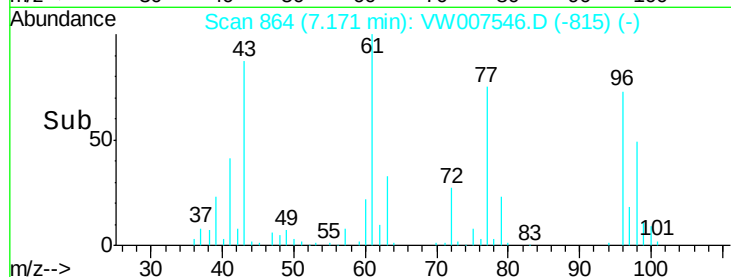
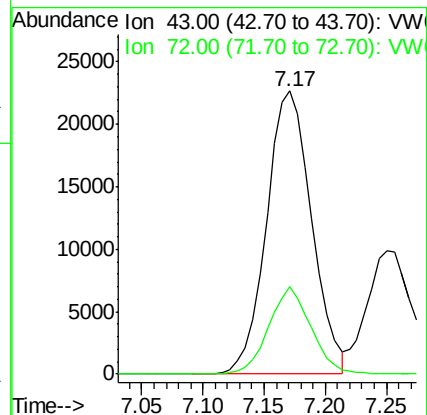
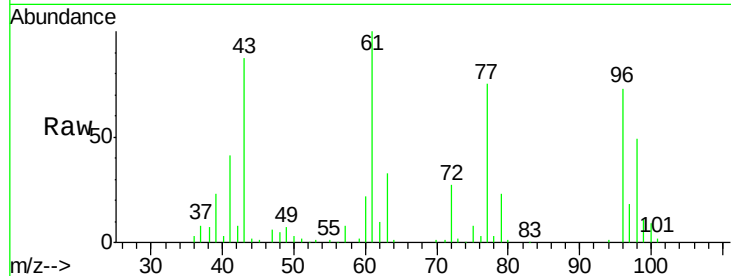
72 30.8 23.4 35.2

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 55.697 ug/l

RT: 7.16 min Scan# 863

Delta R.T. -0.00 min

Lab File: VW007546.D

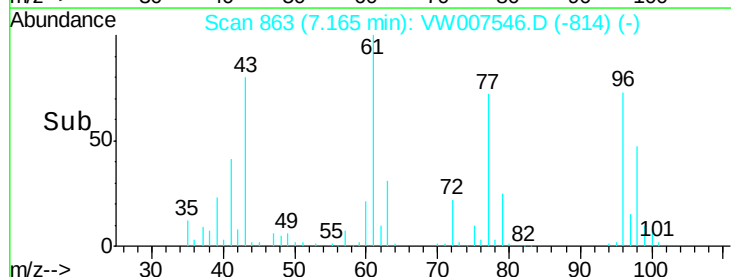
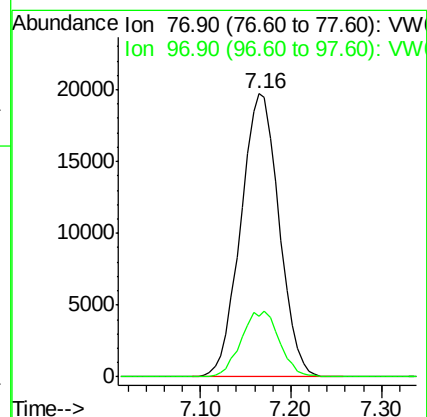
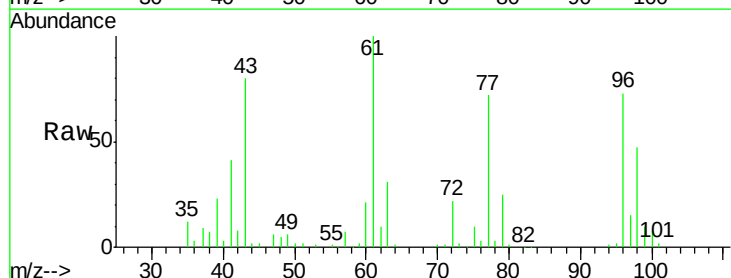
Acq: 14 Dec 2018 20:19

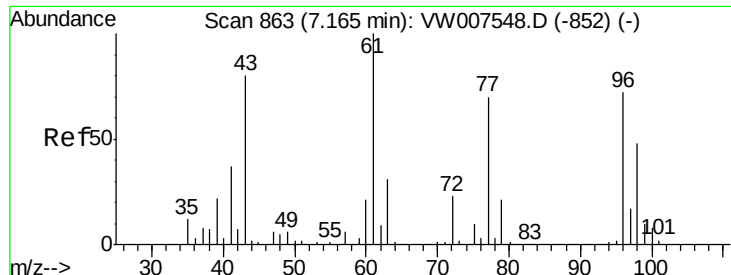
Tgt Ion: 77 Resp: 57636

Ion Ratio Lower Upper

77 100

97 23.1 11.6 34.8





#27

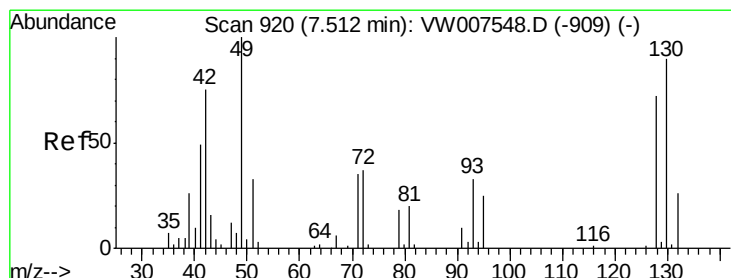
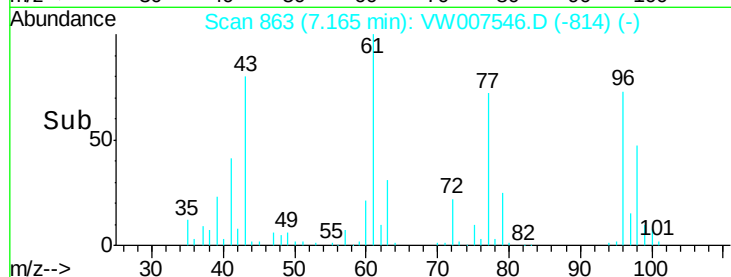
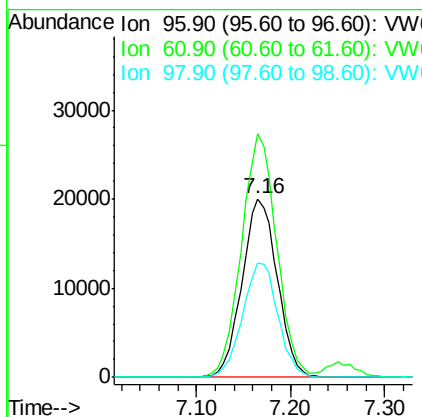
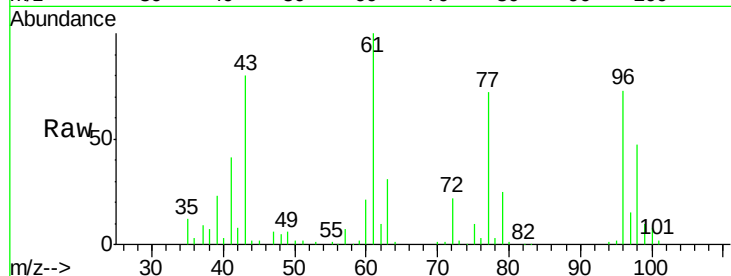
cis-1,2-Dichloroethene
Concen: 52.364 ug/l
RT: 7.16 min Scan# 863
Delta R.T. -0.00 min
Lab File: VW007546.D
Acq: 14 Dec 2018 20:19

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
96	100		
61	136.9	0.0	268.4
98	64.6	0.0	127.8

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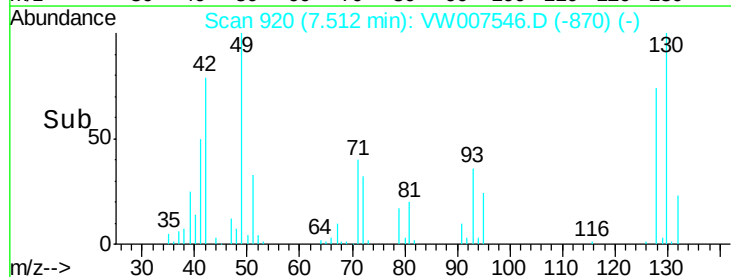
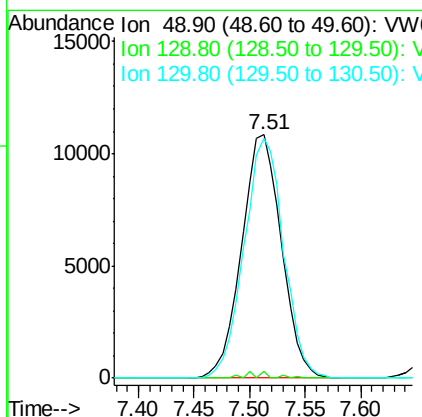
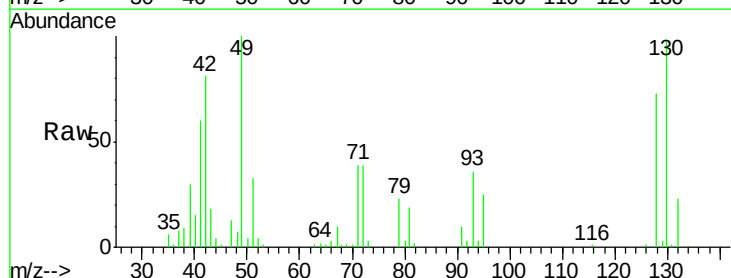
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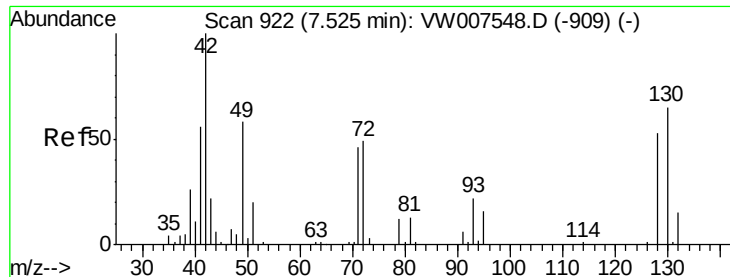


#28

Bromochloromethane
Concen: 45.794 ug/l
RT: 7.51 min Scan# 920
Delta R.T. 0.01 min
Lab File: VW007546.D
Acq: 14 Dec 2018 20:19

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.0	0.0	2.6
130	98.1	75.9	113.9





#29

Tetrahydrofuran

Concen: 264.923 ug/l

RT: 7.52 min Scan# 922

Delta R.T. -0.01 min

Lab File: VW007546.D

Acq: 14 Dec 2018 20:19

Instrument :

MSVOA_W

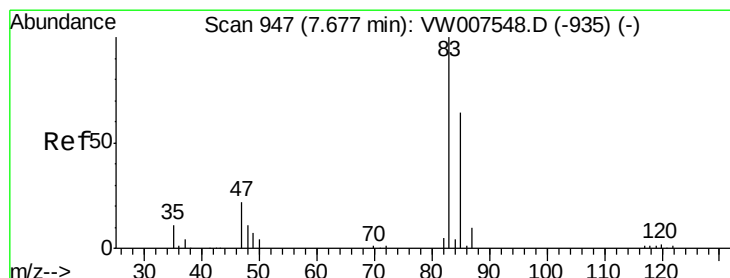
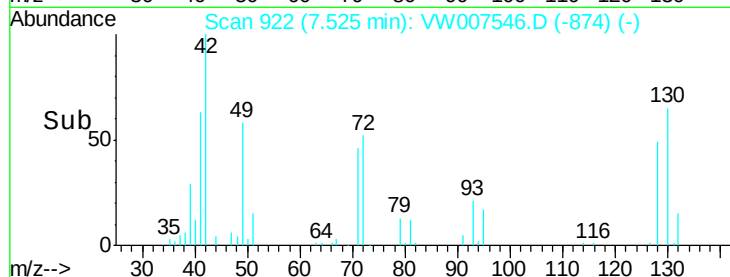
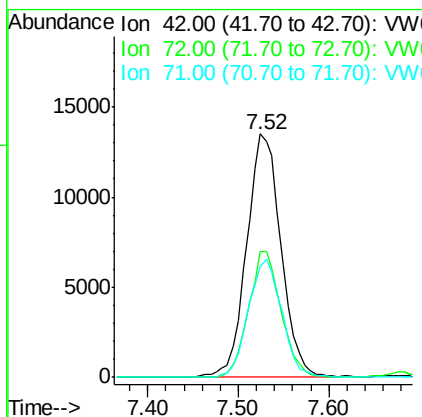
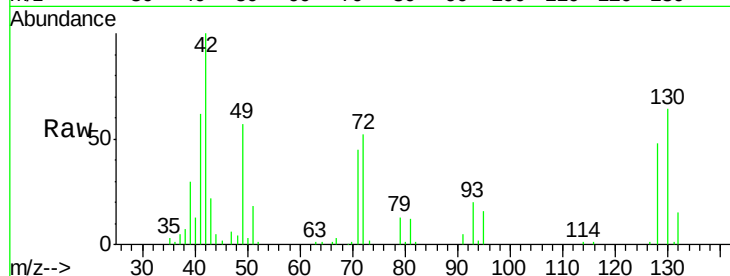
ClientSampleId :

VSTDCCC050EC

Tgt Ion:	42	Resp:	35317
Ion Ratio		Lower	Upper
42	100		
72	48.9	38.2	57.4
71	47.1	35.5	53.3

Manual Integrations
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#30

Chloroform

Concen: 51.684 ug/l

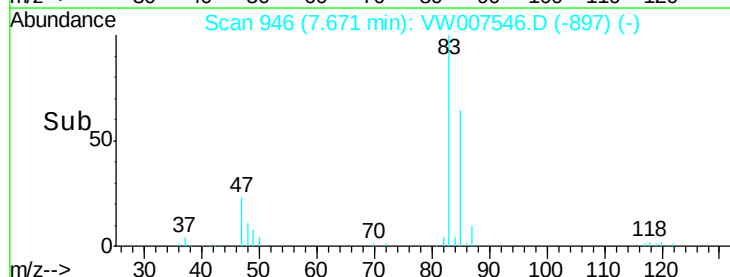
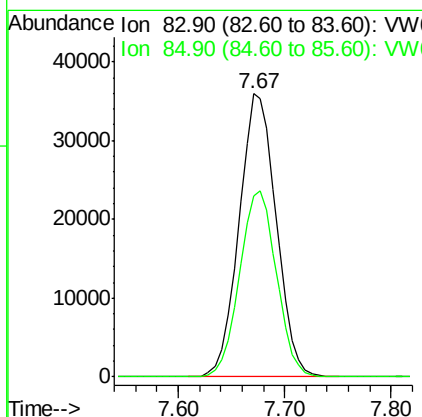
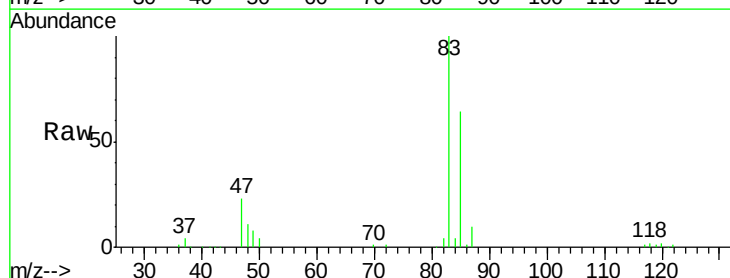
RT: 7.67 min Scan# 946

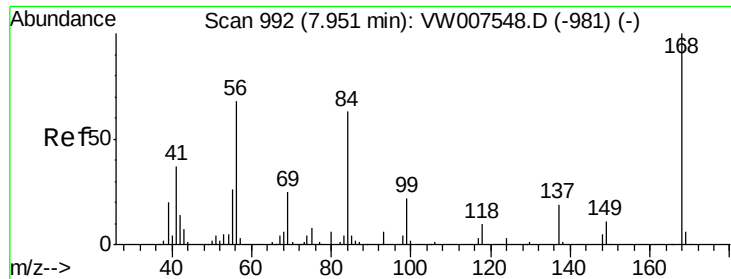
Delta R.T. -0.00 min

Lab File: VW007546.D

Acq: 14 Dec 2018 20:19

Tgt Ion:	83	Resp:	87944
Ion Ratio		Lower	Upper
83	100		
85	64.2	51.8	77.8





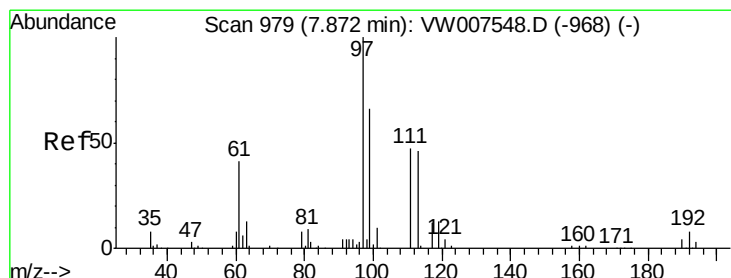
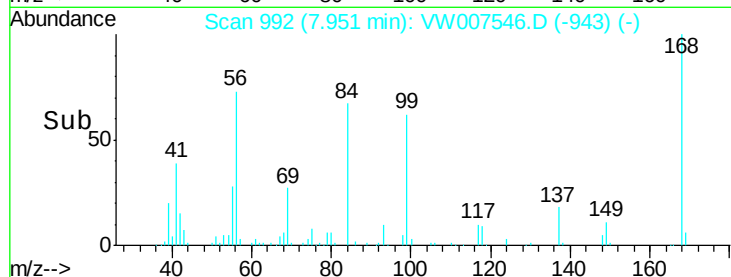
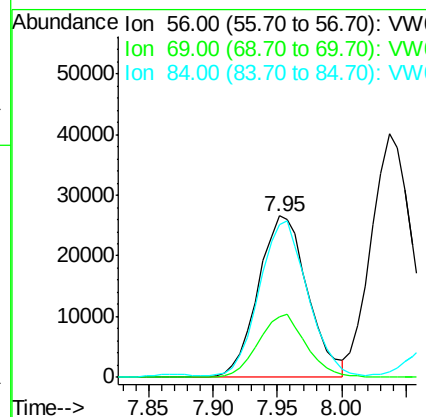
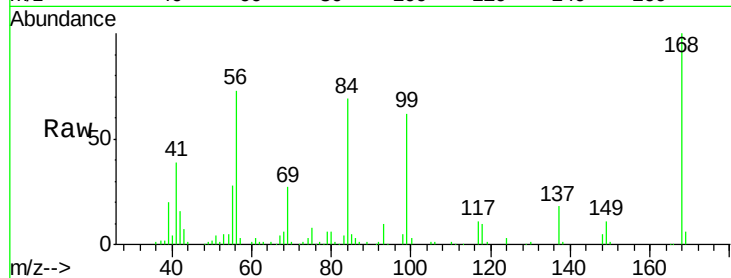
#31
Cyclohexane
Concen: 49.453 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.00 min
Lab File: VW007546.D
Acq: 14 Dec 2018 20:19

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 56 Resp: 70944
Ion Ratio Lower Upper
56 100
69 37.2 28.9 43.3
84 93.1 71.8 107.6

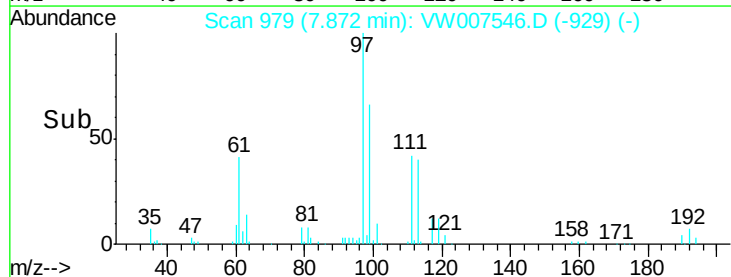
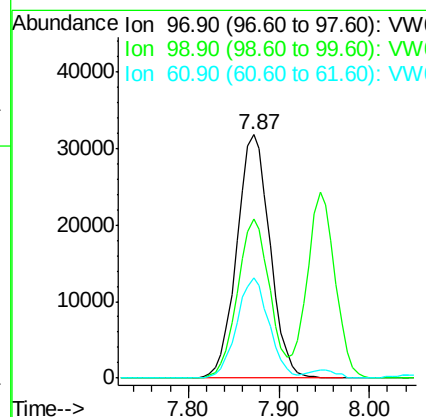
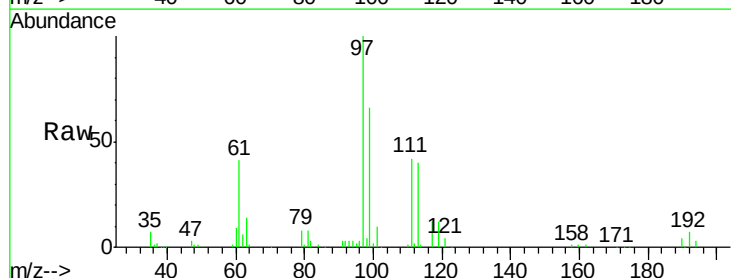
Manual Integrations
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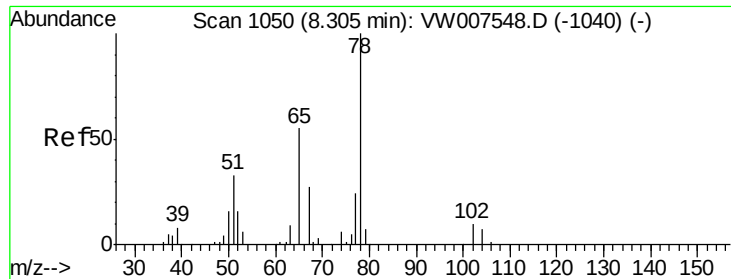
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#32
1,1,1-Trichloroethane
Concen: 54.282 ug/l
RT: 7.87 min Scan# 979
Delta R.T. 0.01 min
Lab File: VW007546.D
Acq: 14 Dec 2018 20:19

Tgt Ion: 97 Resp: 80998
Ion Ratio Lower Upper
97 100
99 63.5 51.1 76.7
61 40.2 33.2 49.8





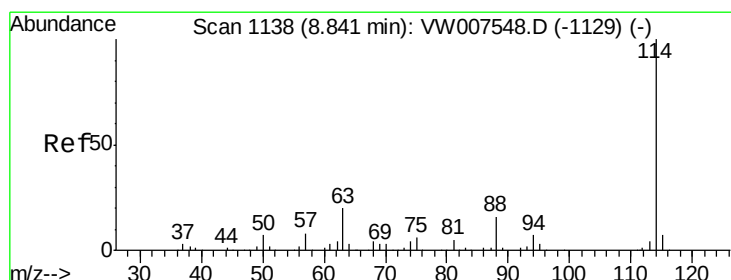
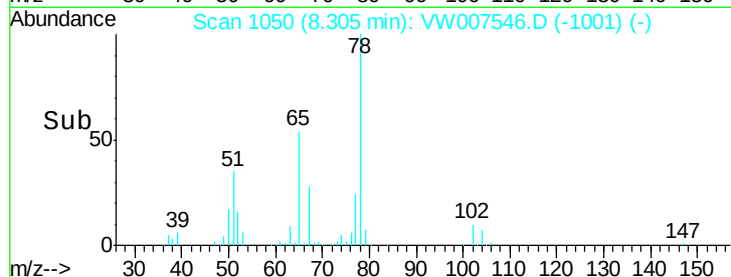
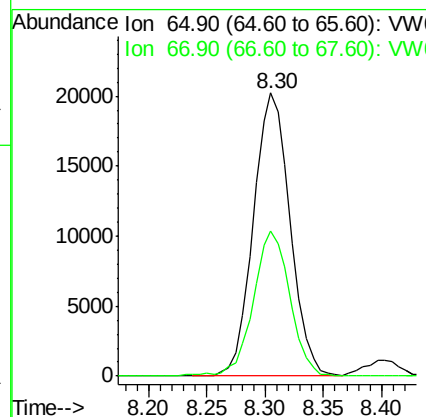
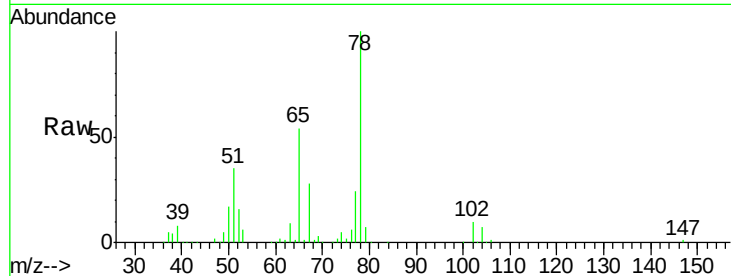
#33
 1,2-Dichloroethane-d4
 Concen: 48.121 ug/l
 RT: 8.30 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW007546.D
 Acq: 14 Dec 2018 20:19

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	44438		
67	51.1	0.0	101.6	

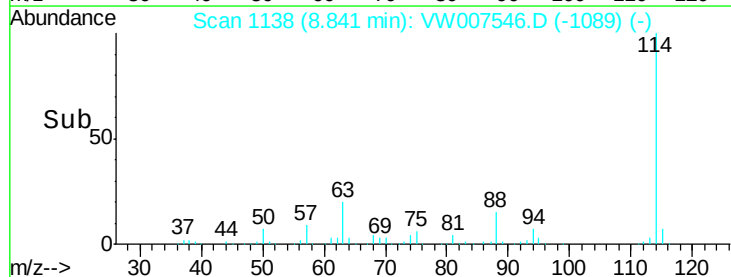
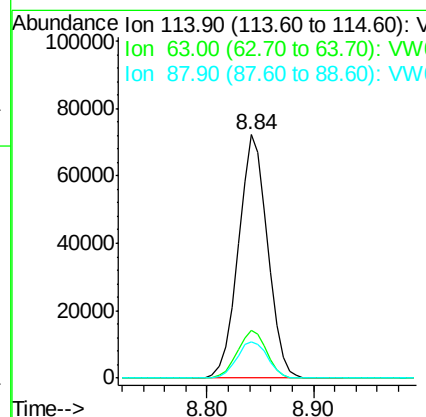
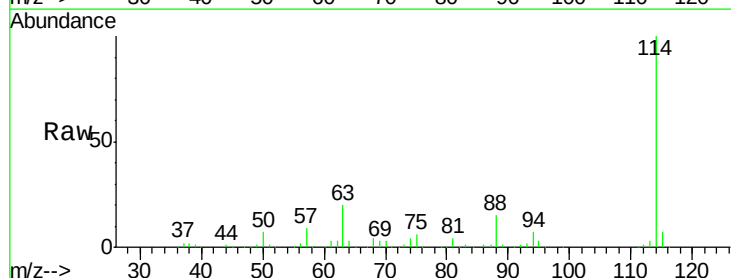
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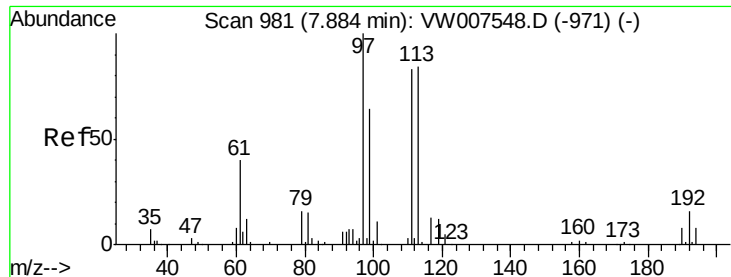
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW007546.D
 Acq: 14 Dec 2018 20:19

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	138581		
63	19.8	0.0	39.6	
88	15.1	0.0	31.4	





#35

Dibromofluoromethane

Concen: 48.691 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW007546.D

Acq: 14 Dec 2018 20:19

Instrument :

MSVOA_W

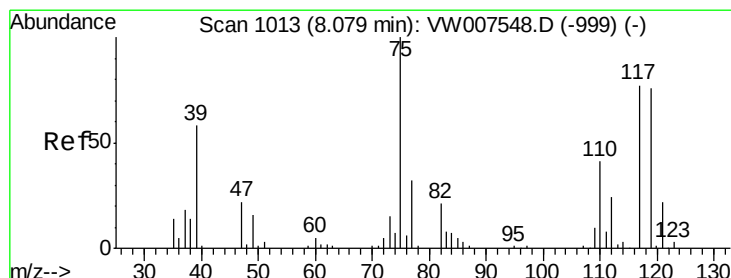
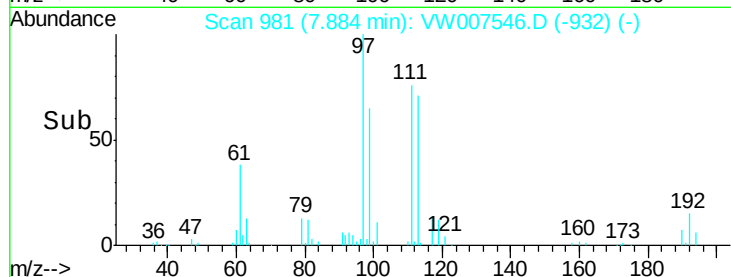
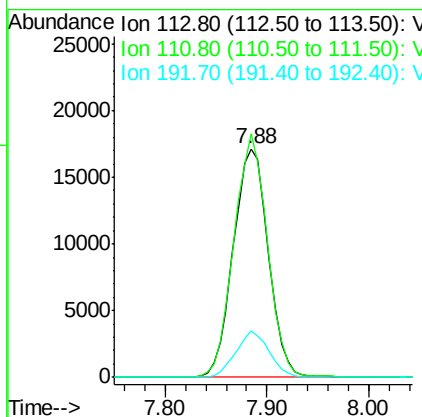
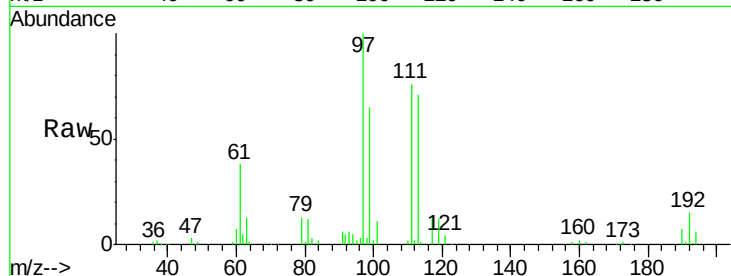
ClientSampleId :

VSTDCCC050EC

Tgt Ion:	113	Resp:	40846
Ion Ratio	Lower	Upper	
113	100		
111	102.1	81.1	121.7
192	19.2	14.6	21.8

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 53.905 ug/l

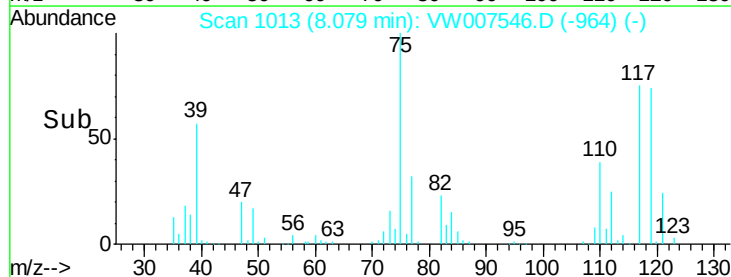
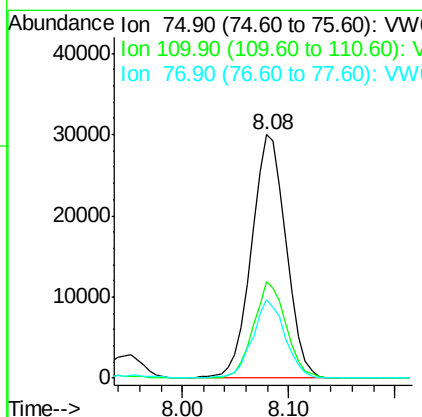
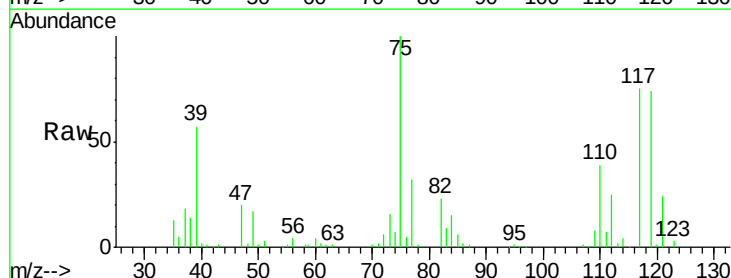
RT: 8.08 min Scan# 1013

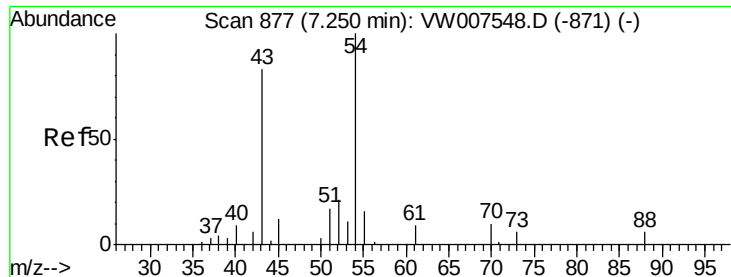
Delta R.T. -0.00 min

Lab File: VW007546.D

Acq: 14 Dec 2018 20:19

Tgt Ion:	75	Resp:	68146
Ion Ratio	Lower	Upper	
75	100		
110	37.3	18.5	55.5
77	30.3	25.6	38.4





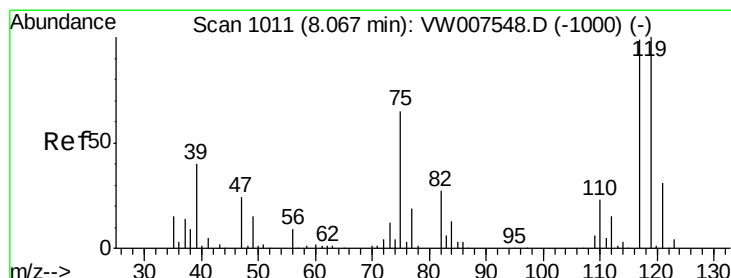
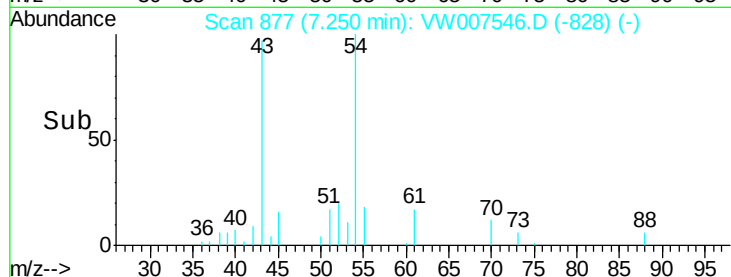
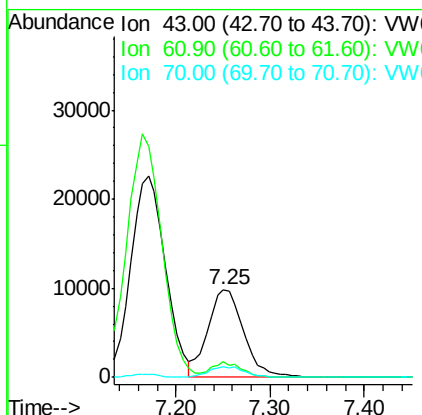
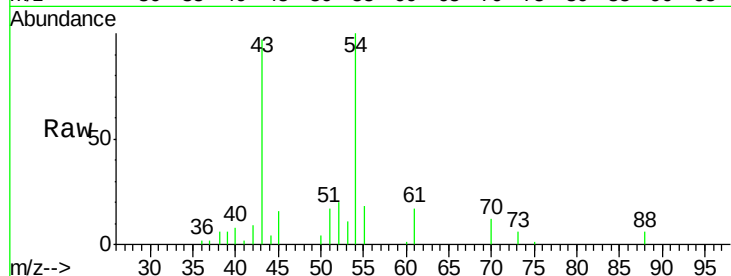
#37
Ethyl Acetate
Concen: 55.505 ug/l
RT: 7.25 min Scan# 877
Delta R.T. -0.00 min
Lab File: VW007546.D
Acq: 14 Dec 2018 20:19

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 26098
Ion Ratio Lower Upper
43 100
61 14.5 12.1 18.1
70 12.0 10.0 15.0

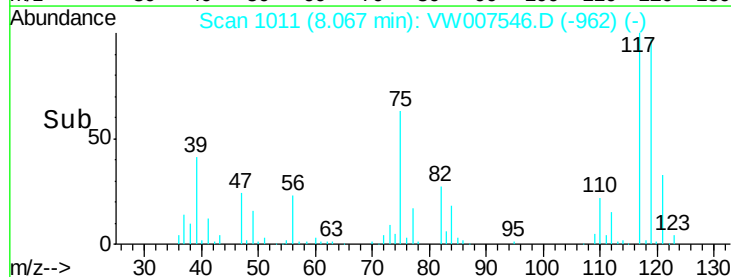
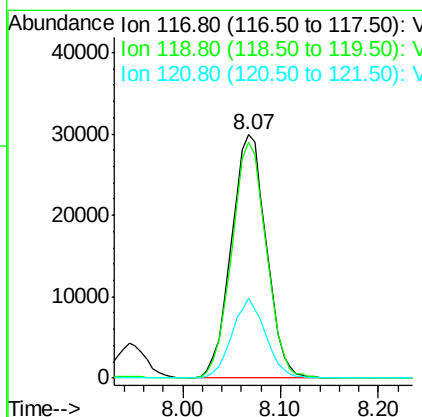
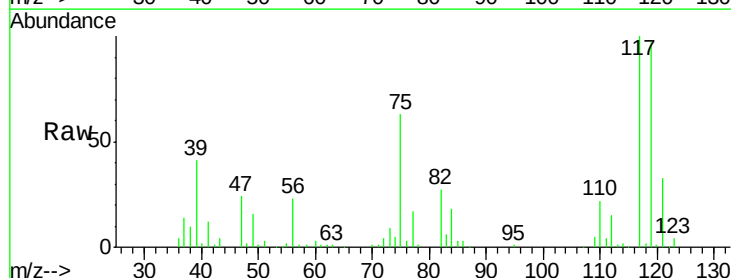
Manual Integrations
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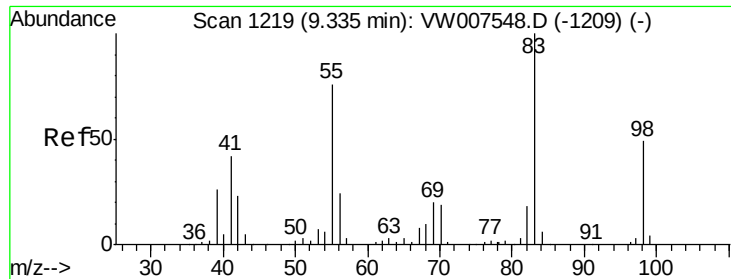
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#38
Carbon Tetrachloride
Concen: 54.091 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.00 min
Lab File: VW007546.D
Acq: 14 Dec 2018 20:19

Tgt Ion: 117 Resp: 74404
Ion Ratio Lower Upper
117 100
119 97.0 74.3 111.5
121 33.0 24.3 36.5





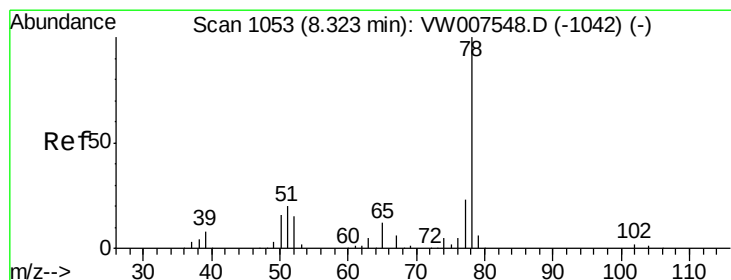
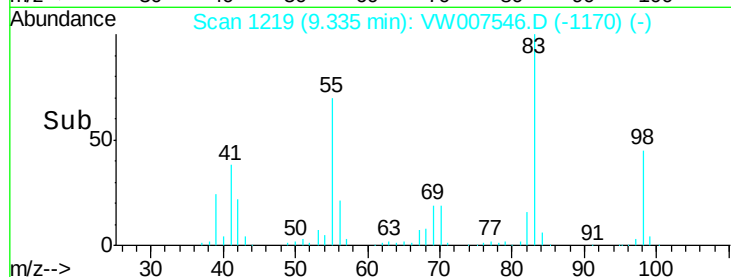
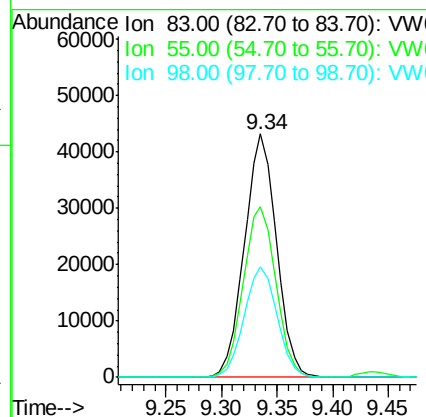
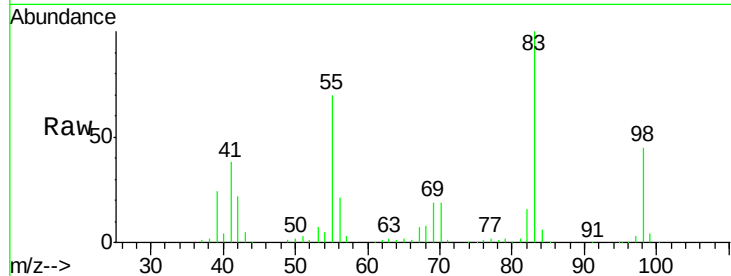
#39
Methylcyclohexane
Concen: 56.462 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW007546.D
Acq: 14 Dec 2018 20:19

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
83	100		
55	70.3	62.8	94.2
98	45.4	42.2	63.2

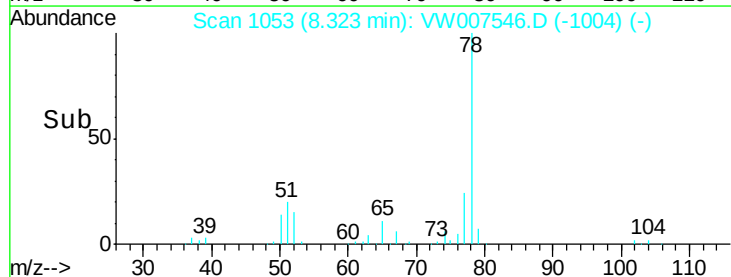
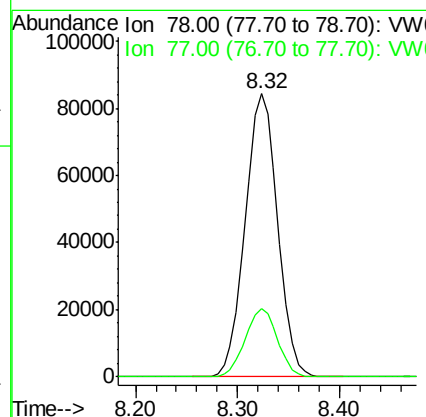
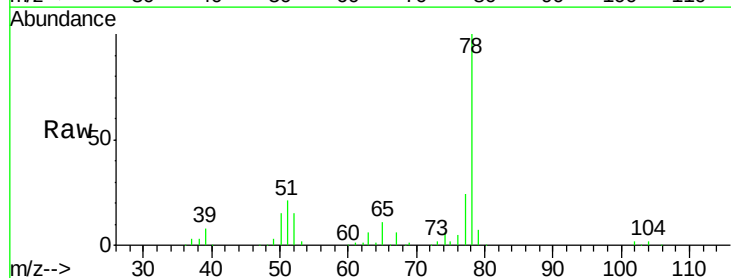
Manual Integrations
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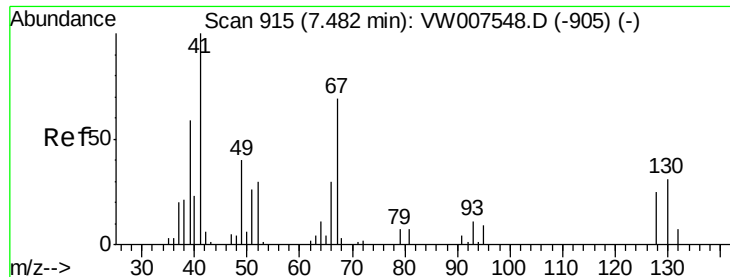
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#40
Benzene
Concen: 52.976 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.00 min
Lab File: VW007546.D
Acq: 14 Dec 2018 20:19

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.9	18.8	28.2





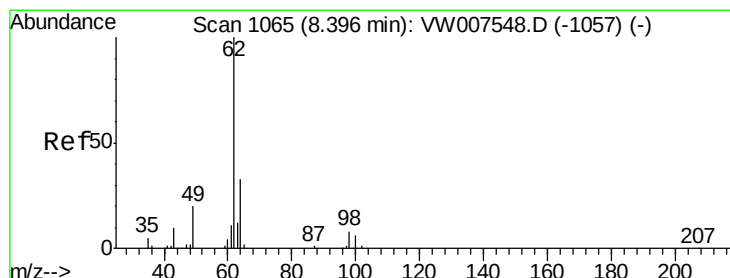
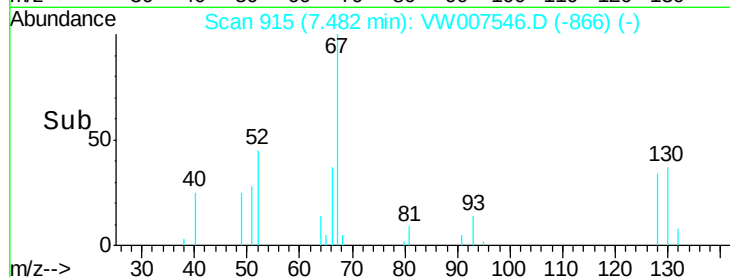
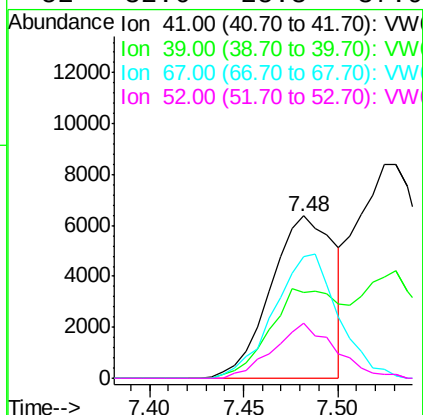
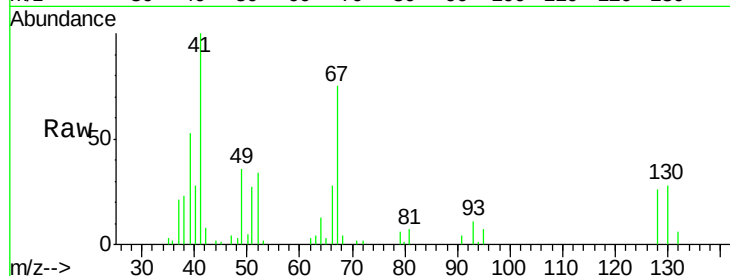
#41
Methacrylonitrile
Concen: 55.991 ug/l
RT: 7.48 min Scan# 915
Delta R.T. -0.00 min
Lab File: VW007546.D
Acq: 14 Dec 2018 20:19

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
41	100		
39	63.6	52.2	78.2
67	77.1	60.5	90.7
52	32.6	25.3	37.9

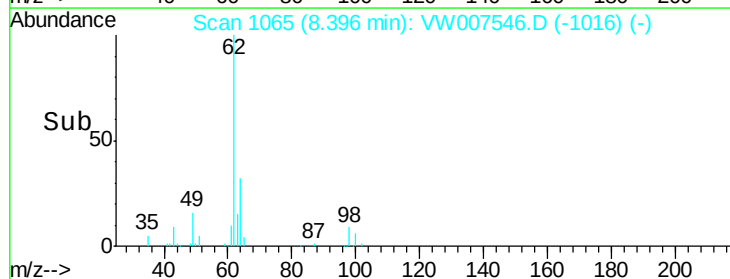
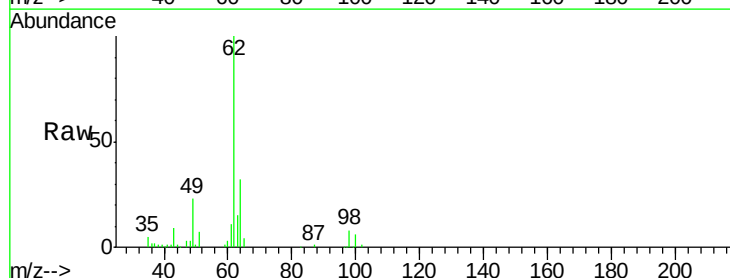
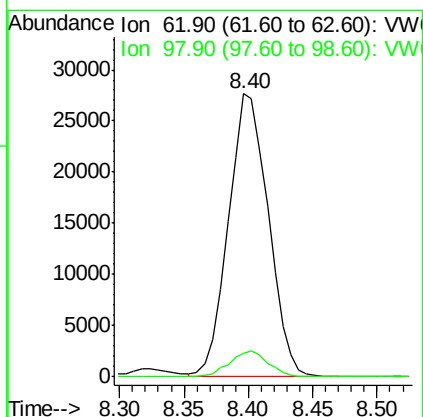
Manual Integrations
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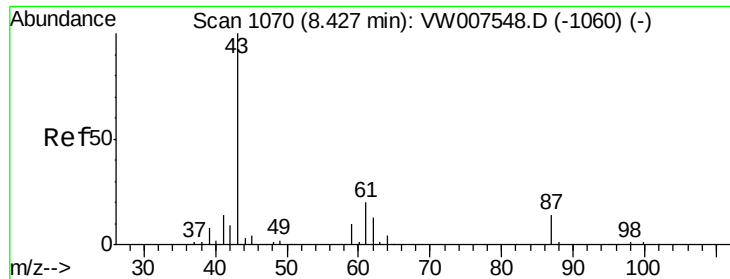
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#42
1,2-Dichloroethane
Concen: 54.191 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. -0.00 min
Lab File: VW007546.D
Acq: 14 Dec 2018 20:19

Tgt Ion	Ratio	Lower	Upper
62	100		
98	8.9	0.0	17.6





#43

Isopropyl Acetate

Concen: 56.039 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. -0.00 min

Lab File: VW007546.D

Acq: 14 Dec 2018 20:19

Instrument :

MSVOA_W

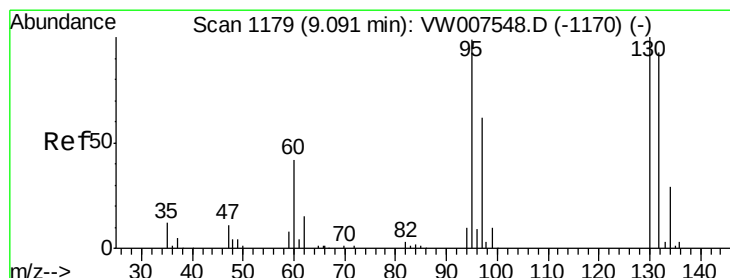
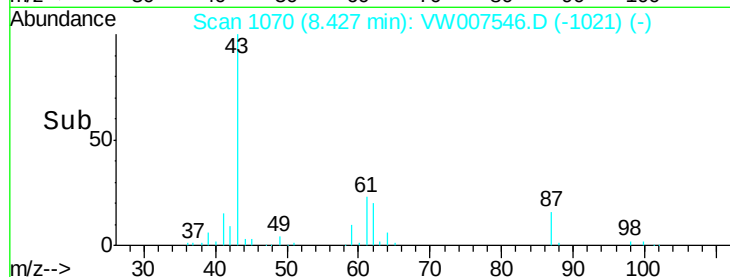
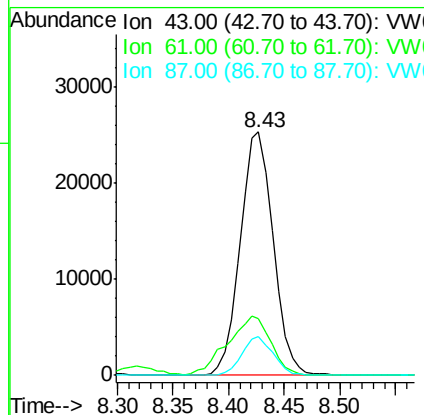
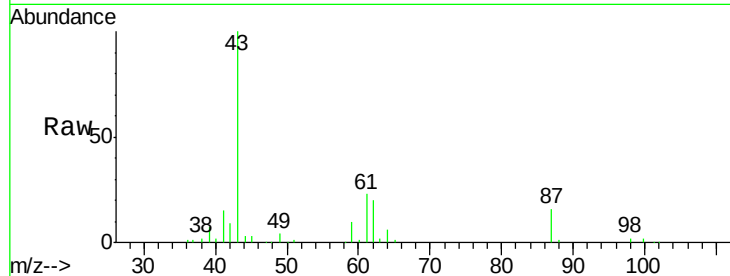
ClientSampleId :

VSTDCCC050EC

Tgt Ion:	43	Resp:	52048
Ion	Ratio	Lower	Upper
43	100		
61	31.8	25.3	37.9
87	15.0	11.8	17.8

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#44

Trichloroethene

Concen: 55.187 ug/l

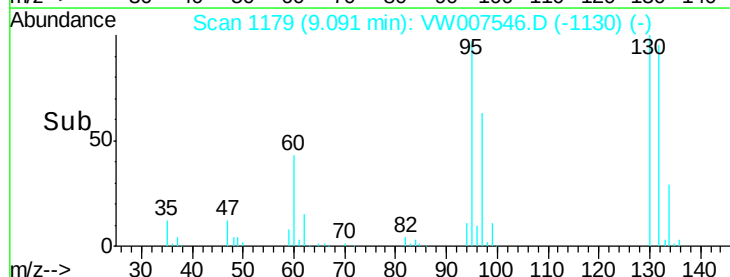
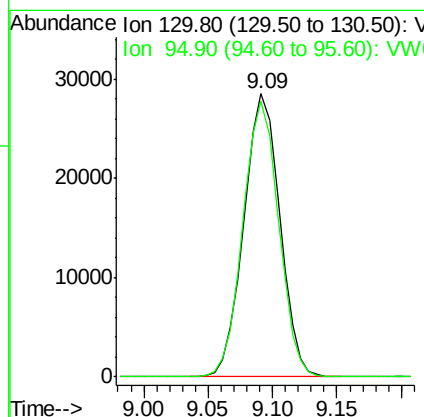
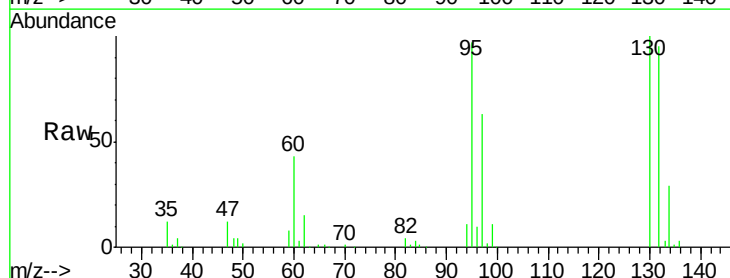
RT: 9.09 min Scan# 1179

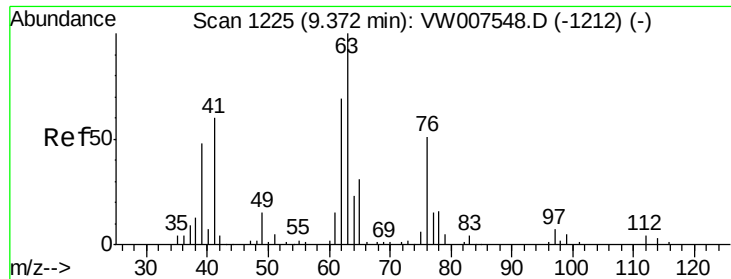
Delta R.T. -0.00 min

Lab File: VW007546.D

Acq: 14 Dec 2018 20:19

Tgt Ion:	130	Resp:	55288
Ion	Ratio	Lower	Upper
130	100		
95	97.3	0.0	193.2





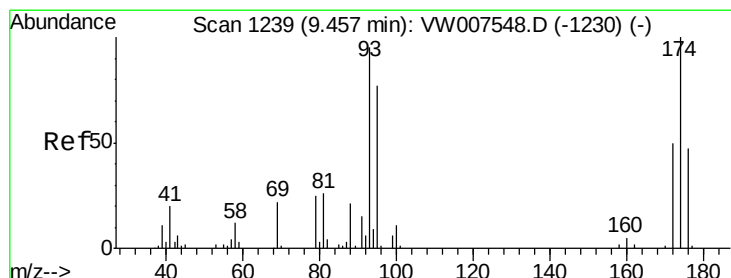
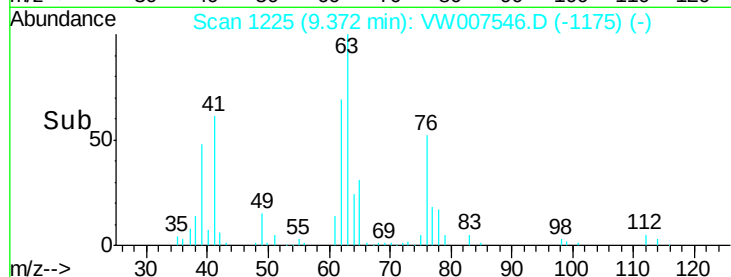
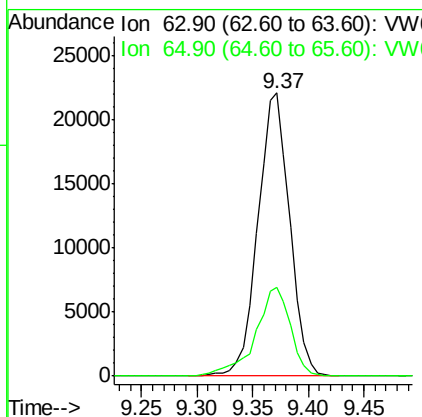
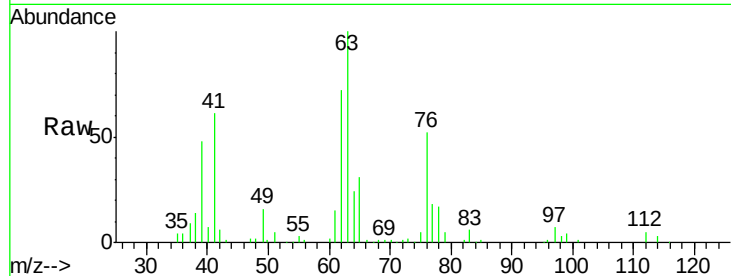
#45
 1,2-Dichloropropane
 Concen: 54.048 ug/l
 RT: 9.37 min Scan# 1225
 Delta R.T. 0.01 min
 Lab File: VW007546.D
 Acq: 14 Dec 2018 20:19

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 63 Resp: 43880
 Ion Ratio Lower Upper
 63 100
 65 31.5 24.4 36.6

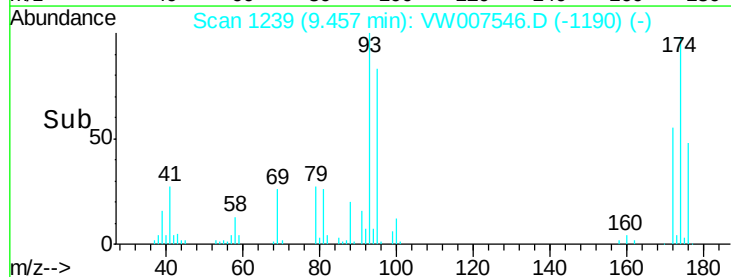
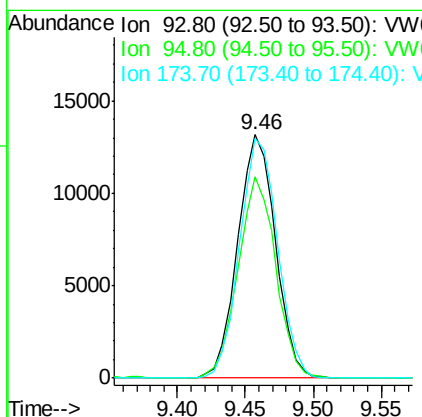
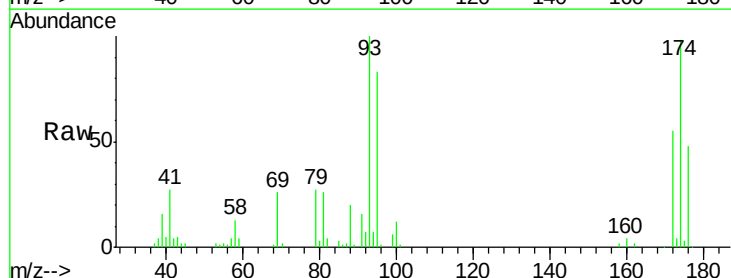
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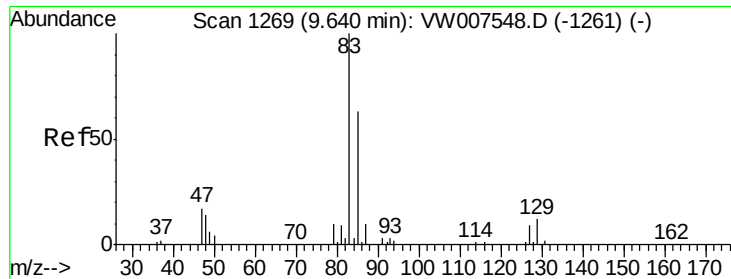
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#46
 Dibromomethane
 Concen: 55.387 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. -0.00 min
 Lab File: VW007546.D
 Acq: 14 Dec 2018 20:19

Tgt Ion: 93 Resp: 25536
 Ion Ratio Lower Upper
 93 100
 95 82.6 68.0 102.0
 174 99.3 83.2 124.8





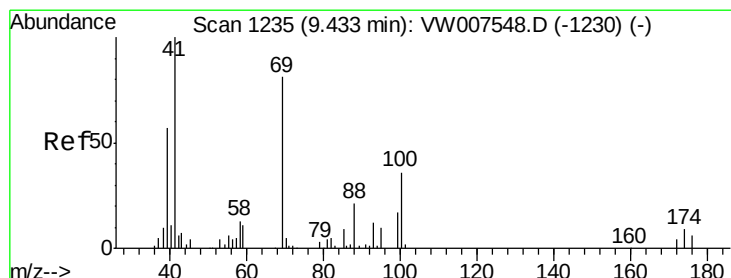
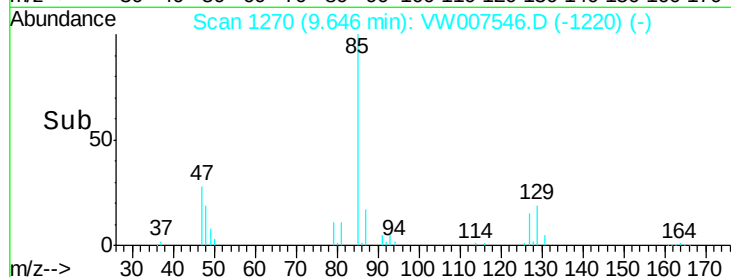
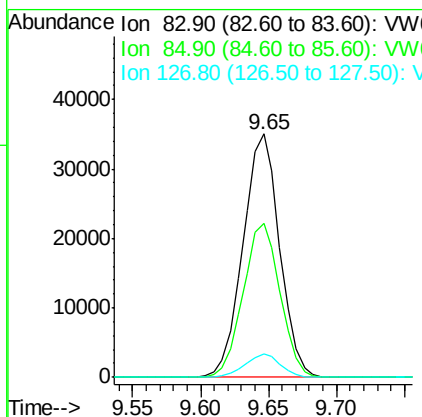
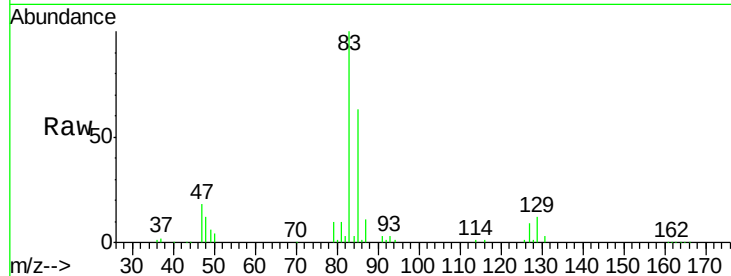
#47
Bromodichloromethane
Concen: 54.465 ug/l
RT: 9.65 min Scan# 1270
Delta R.T. 0.01 min
Lab File: VW007546.D
Acq: 14 Dec 2018 20:19

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Resp	Lower	Upper
83	100	65867		
85	63.2	47.6	71.4	
127	9.4	6.7	10.1	

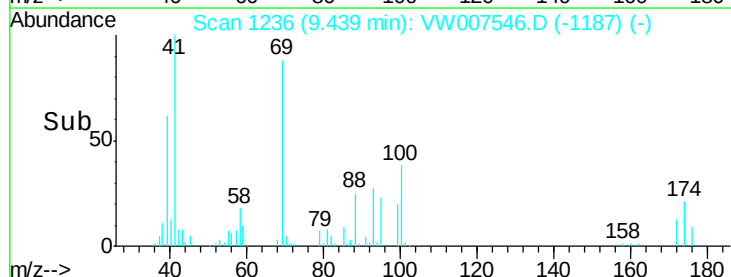
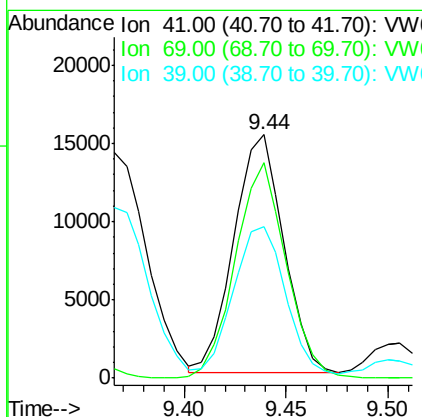
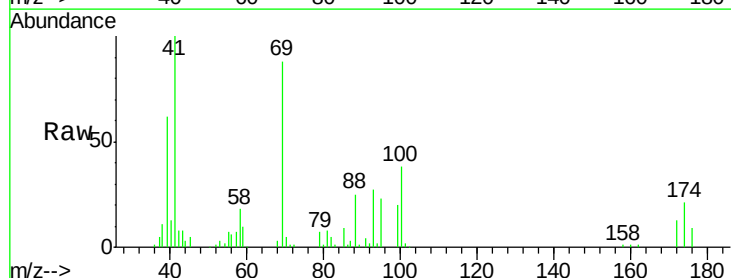
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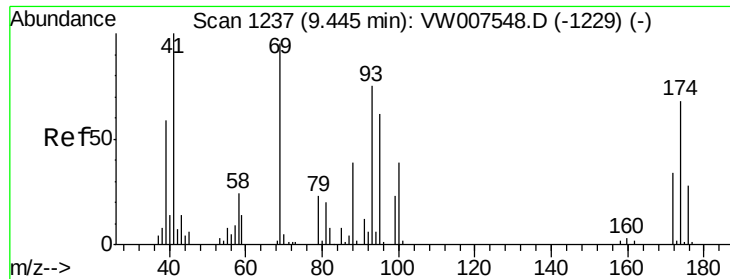
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#48
Methyl methacrylate
Concen: 53.790 ug/l
RT: 9.44 min Scan# 1236
Delta R.T. -0.00 min
Lab File: VW007546.D
Acq: 14 Dec 2018 20:19

Tgt Ion	Ratio	Resp	Lower	Upper
41	100	25658		
69	92.6	69.8	104.8	
39	64.2	50.9	76.3	





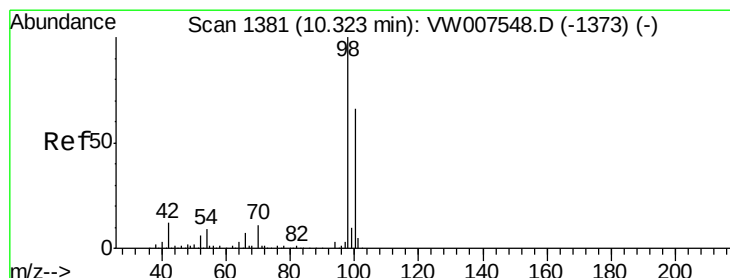
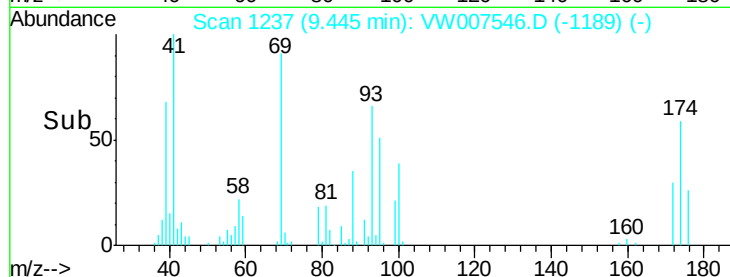
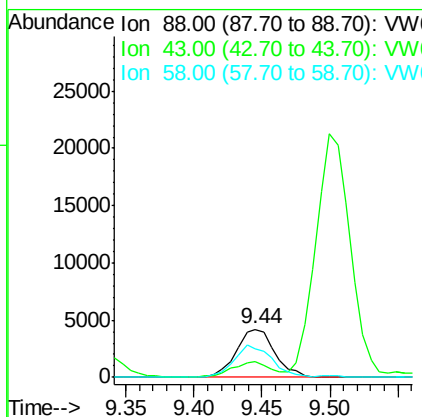
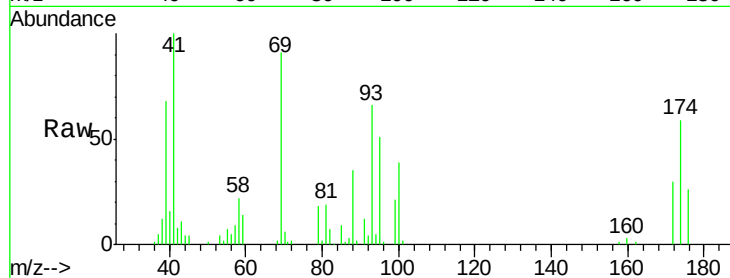
#49
1,4-Dioxane
Concen: 1119.395 ug/l
RT: 9.44 min Scan# 1237
Delta R.T. -0.01 min
Lab File: VW007546.D
Acq: 14 Dec 2018 20:19

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
88	100		
43	31.9	25.0	37.4
58	65.6	51.4	77.2

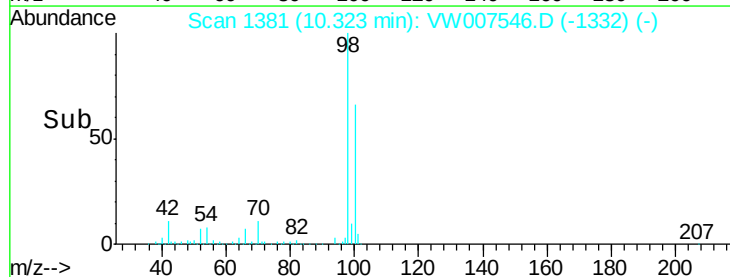
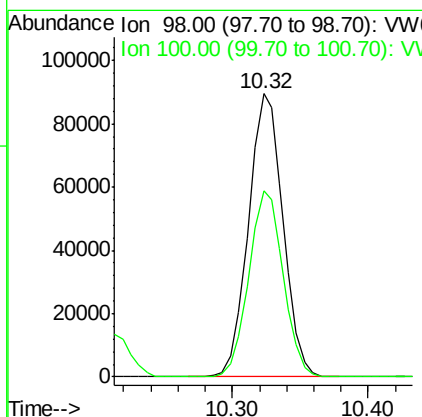
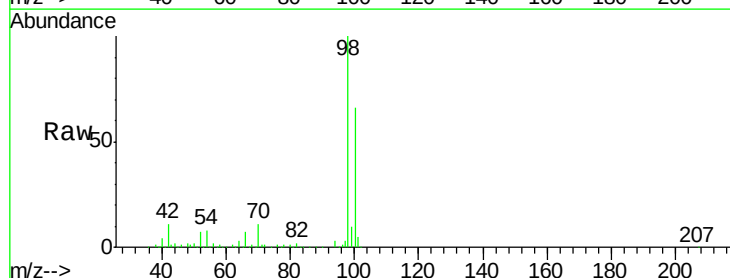
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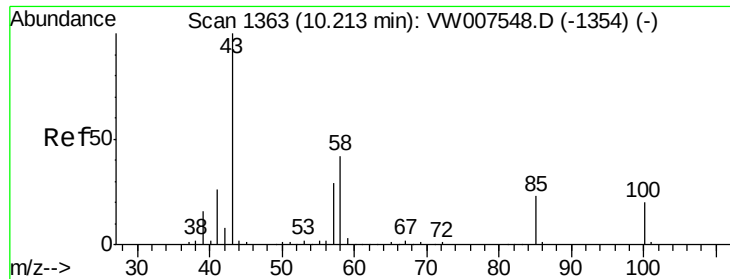
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#50
Toluene-d8
Concen: 50.444 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW007546.D
Acq: 14 Dec 2018 20:19

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.7	51.8	77.8





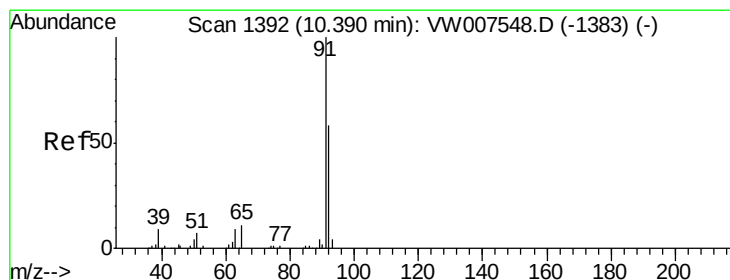
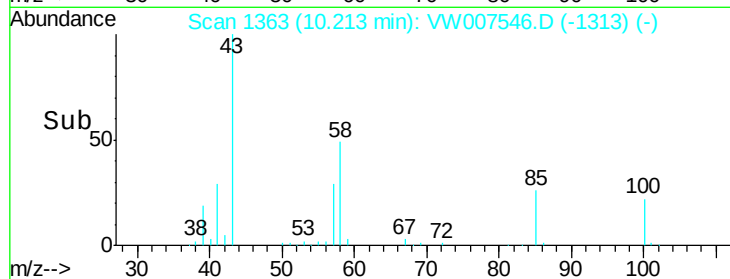
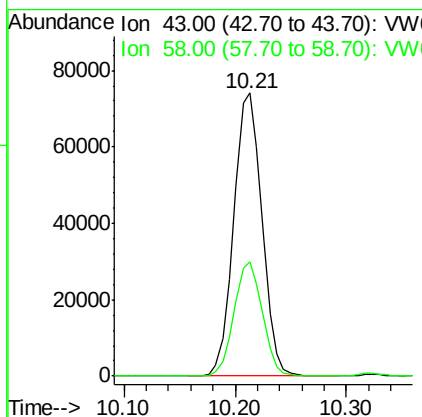
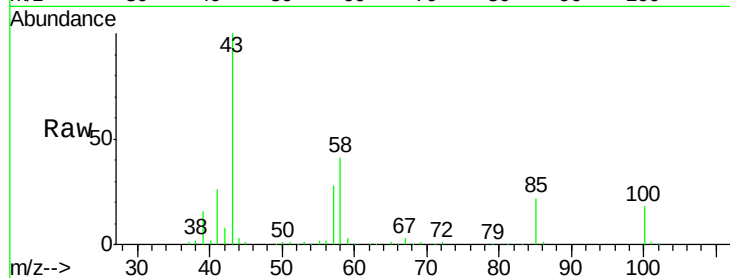
#51
 4-Methyl-2-Pentanone
 Concen: 296.392 ug/l
 RT: 10.21 min Scan# 1363
 Delta R.T. 0.01 min
 Lab File: VW007546.D
 Acq: 14 Dec 2018 20:19

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 43 Resp: 130071
 Ion Ratio Lower Upper
 43 100
 58 40.2 33.1 49.7

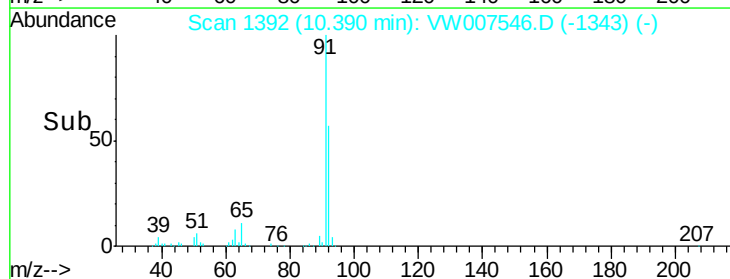
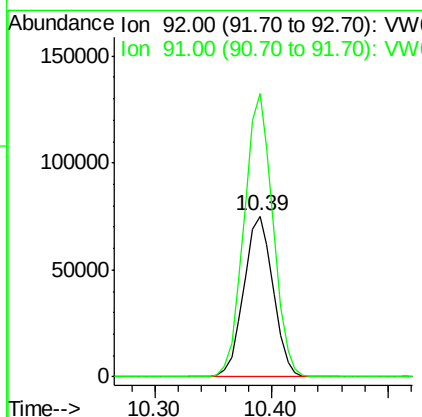
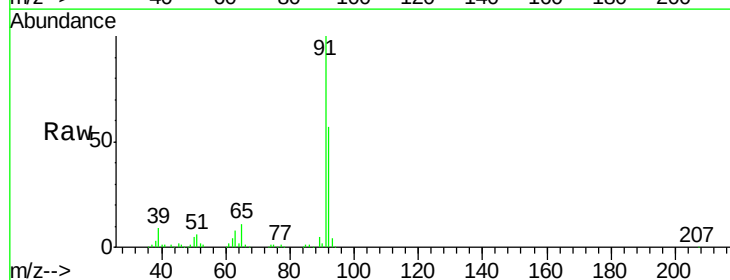
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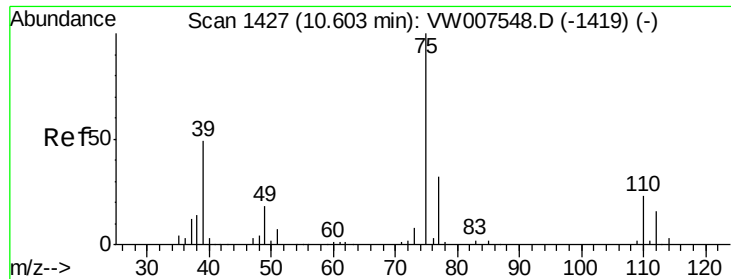
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#52
 Toluene
 Concen: 58.060 ug/l
 RT: 10.39 min Scan# 1392
 Delta R.T. -0.00 min
 Lab File: VW007546.D
 Acq: 14 Dec 2018 20:19

Tgt Ion: 92 Resp: 131820
 Ion Ratio Lower Upper
 92 100
 91 173.4 136.2 204.2





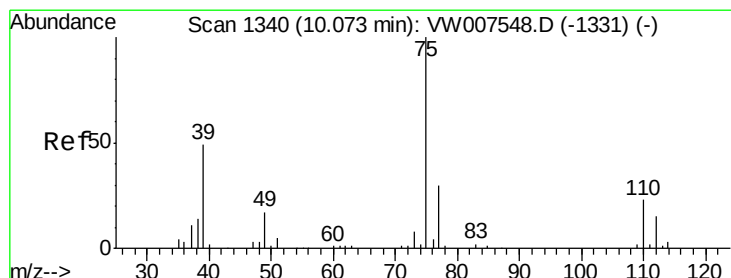
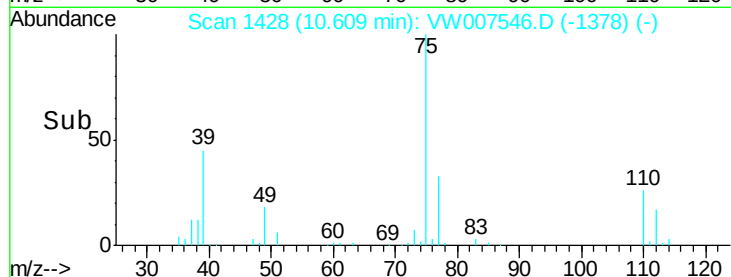
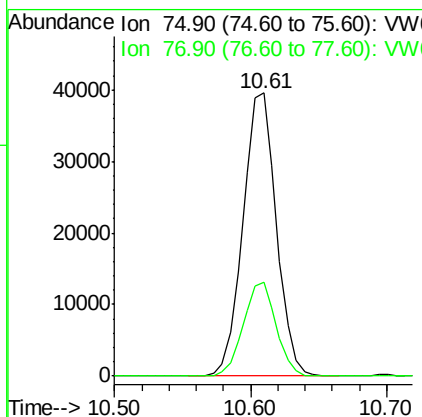
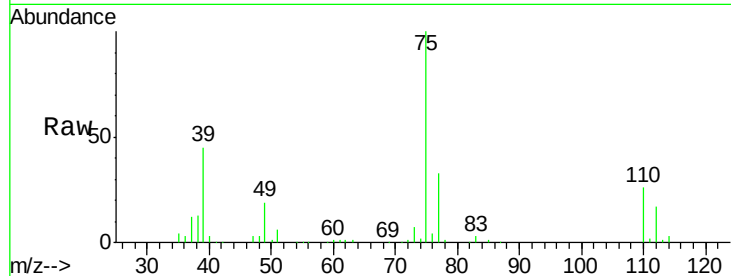
#53
 t-1,3-Dichloropropene
 Concen: 57.736 ug/l
 RT: 10.61 min Scan# 1428
 Delta R.T. 0.01 min
 Lab File: VW007546.D
 Acq: 14 Dec 2018 20:19

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 75 Resp: 67786
 Ion Ratio Lower Upper
 75 100
 77 33.1 26.2 39.4

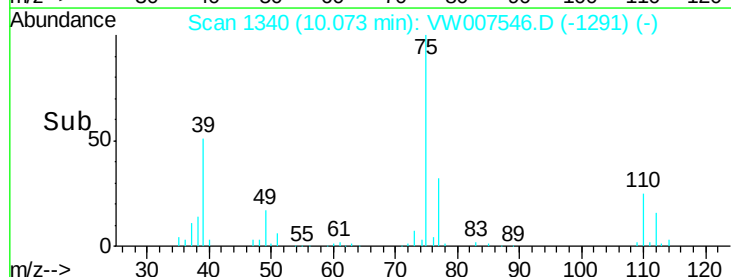
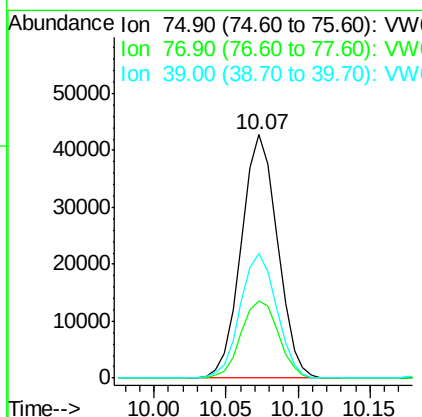
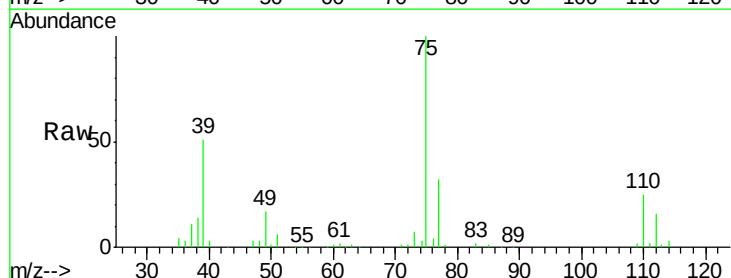
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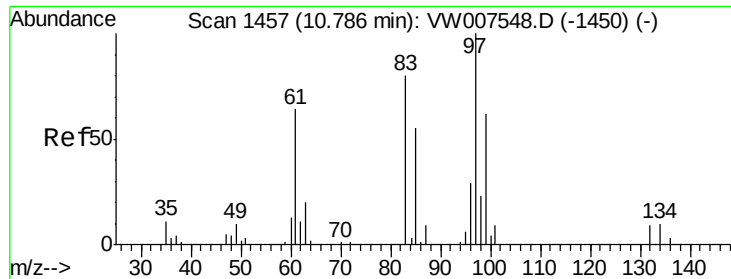
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#54
 cis-1,3-Dichloropropene
 Concen: 54.998 ug/l
 RT: 10.07 min Scan# 1340
 Delta R.T. -0.00 min
 Lab File: VW007546.D
 Acq: 14 Dec 2018 20:19

Tgt Ion: 75 Resp: 74645
 Ion Ratio Lower Upper
 75 100
 77 31.8 24.8 37.2
 39 51.4 40.9 61.3





#55

1,1,2-Trichloroethane

Concen: 57.174 ug/l

RT: 10.79 min Scan# 1457

Delta R.T. -0.01 min

Lab File: VW007546.D

Acq: 14 Dec 2018 20:19

Instrument :

MSVOA_W

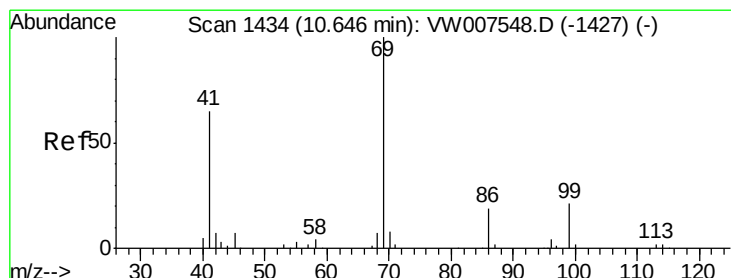
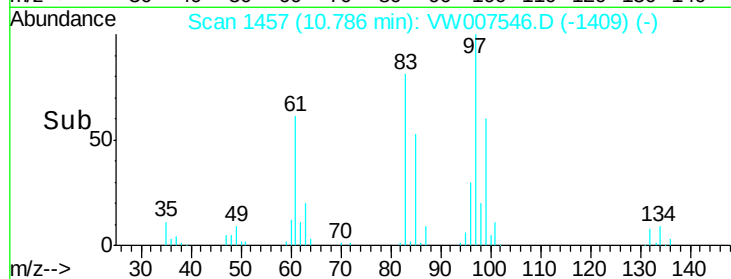
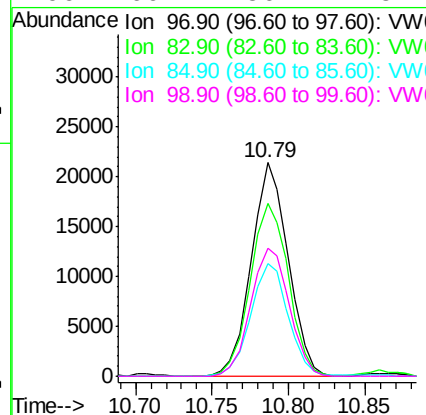
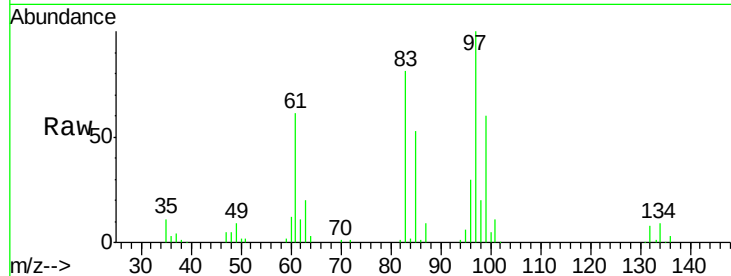
ClientSampleId :

VSTDCCC050EC

Tgt Ion	Ratio	Resp	Lower	Upper
97	100	35876		
83	80.9	62.1	93.1	
85	52.9	44.2	66.4	
99	60.1	50.2	75.4	

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#56

Ethyl methacrylate

Concen: 60.717 ug/l

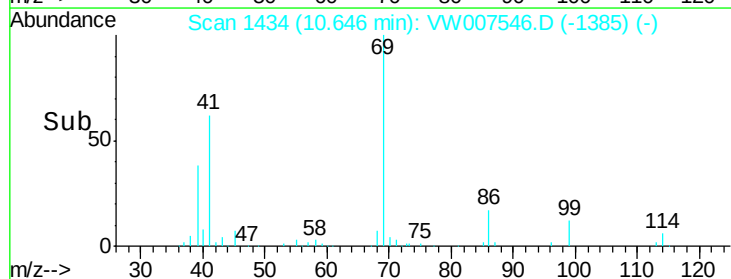
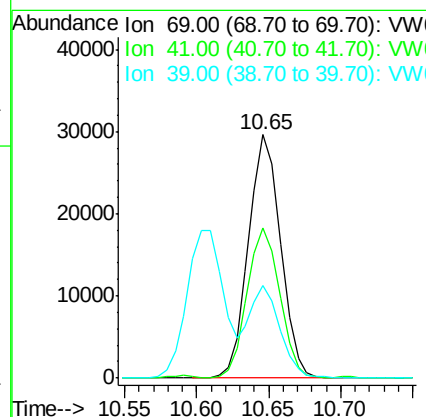
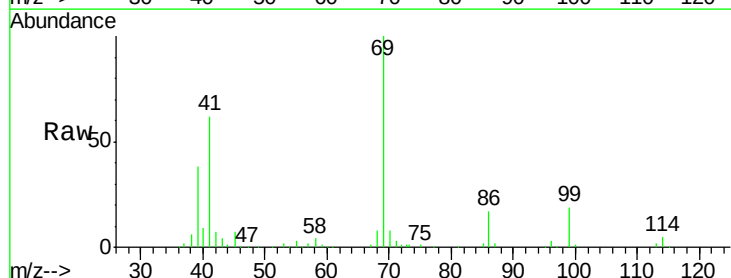
RT: 10.65 min Scan# 1434

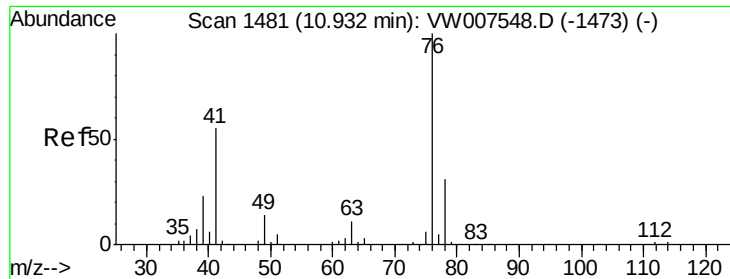
Delta R.T. -0.00 min

Lab File: VW007546.D

Acq: 14 Dec 2018 20:19

Tgt Ion	Ratio	Resp	Lower	Upper
69	100	45794		
41	62.1	51.0	76.6	
39	37.2	30.8	46.2	





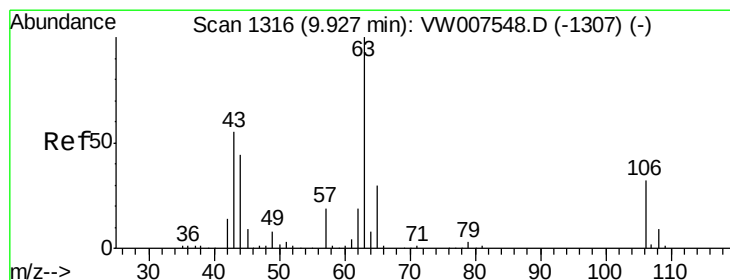
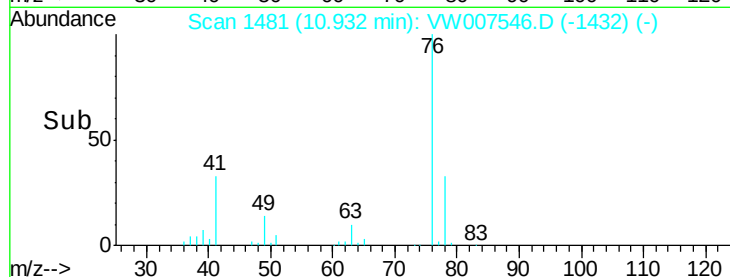
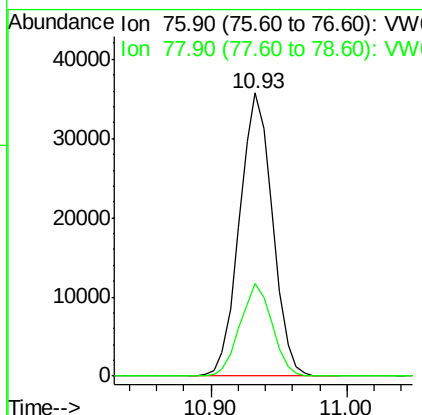
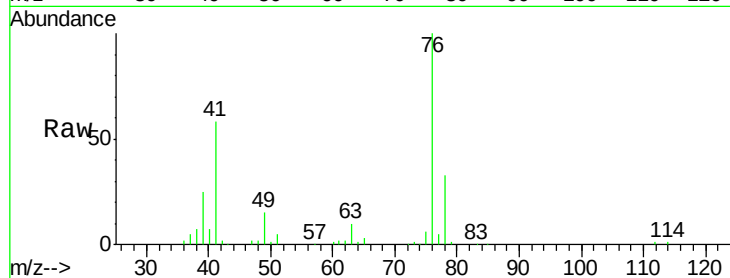
#57
 1,3-Dichloropropane
 Concen: 58.720 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: VW007546.D
 Acq: 14 Dec 2018 20:19

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 76 Resp: 60478
 Ion Ratio Lower Upper
 76 100
 78 32.0 26.2 39.4

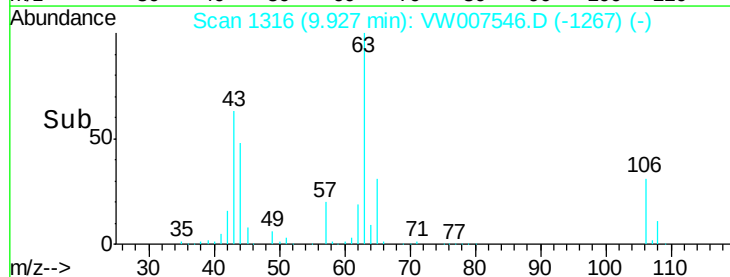
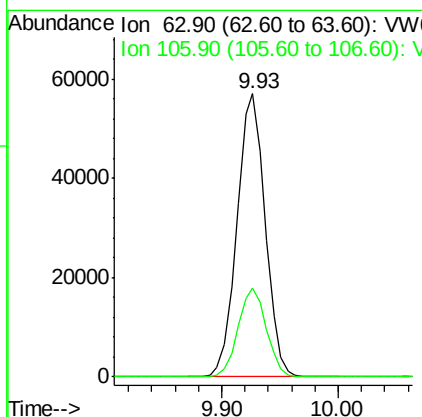
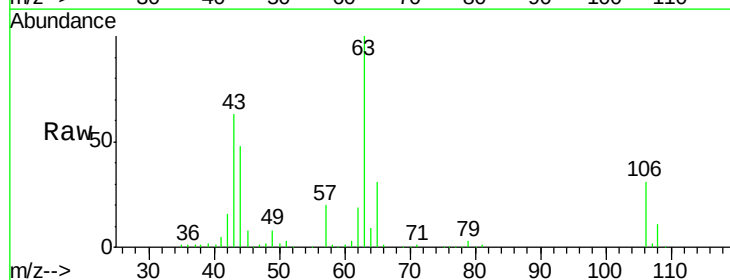
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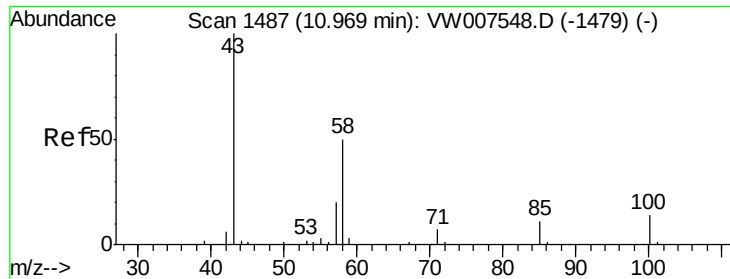
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#58
 2-Chloroethyl Vinyl ether
 Concen: 276.842 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VW007546.D
 Acq: 14 Dec 2018 20:19

Tgt Ion: 63 Resp: 96287
 Ion Ratio Lower Upper
 63 100
 106 31.4 25.0 37.6





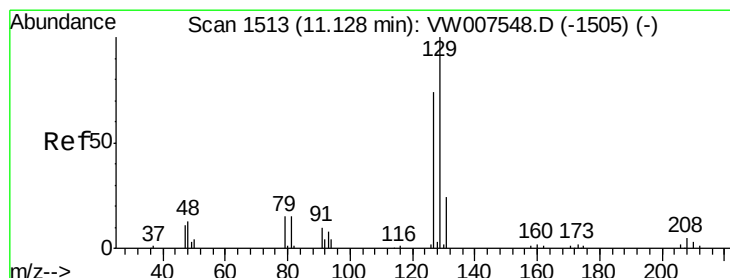
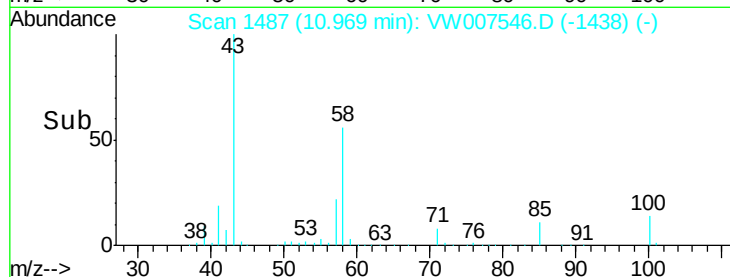
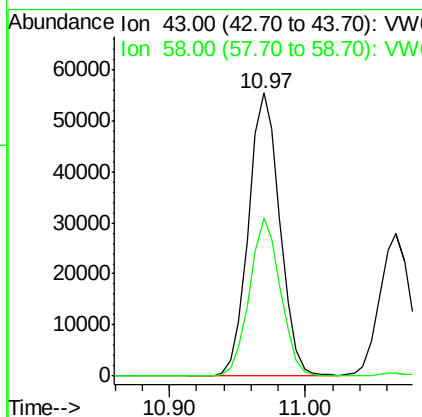
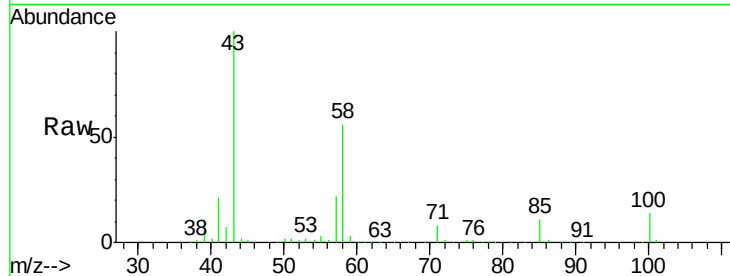
#59
2-Hexanone
Concen: 306.944 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VW007546.D
Acq: 14 Dec 2018 20:19

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 89819
Ion Ratio Lower Upper
43 100
58 55.0 27.1 81.3

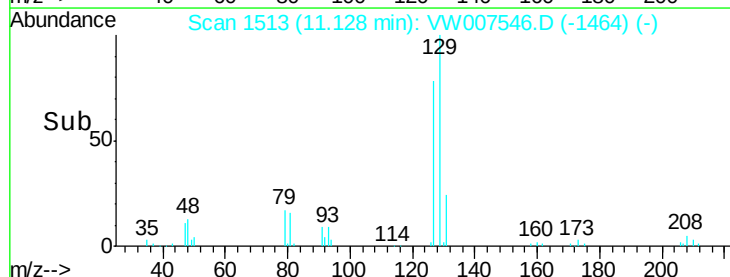
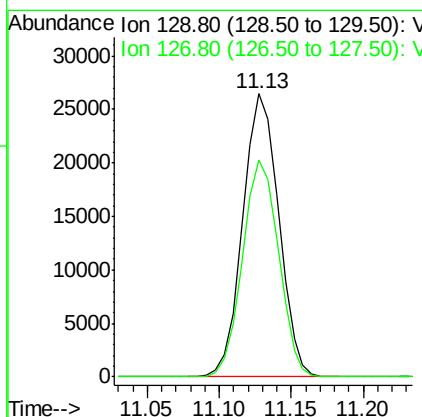
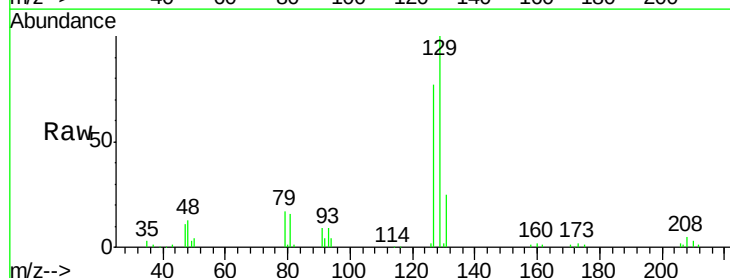
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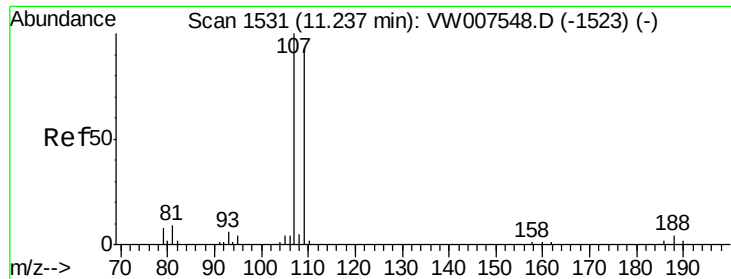
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#60
Dibromochloromethane
Concen: 57.709 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW007546.D
Acq: 14 Dec 2018 20:19

Tgt Ion: 129 Resp: 45699
Ion Ratio Lower Upper
129 100
127 76.9 38.1 114.3





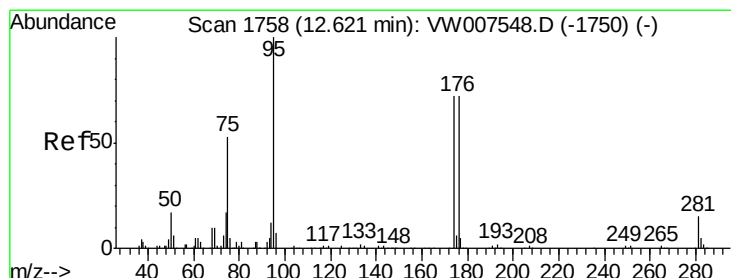
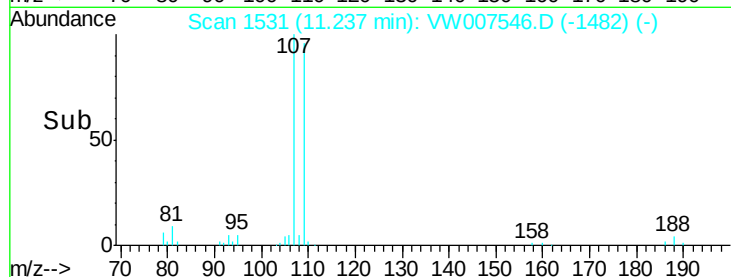
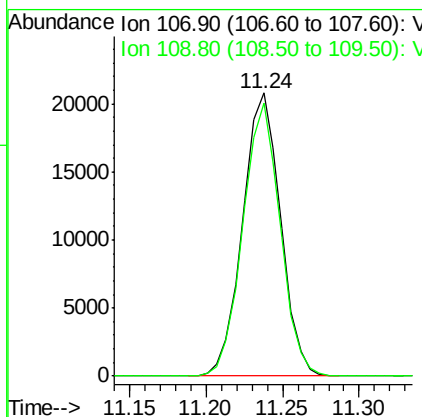
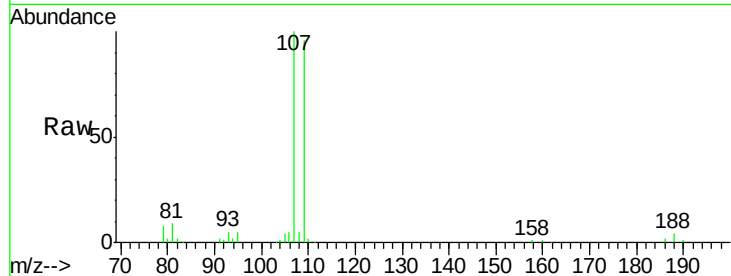
#61
1,2-Dibromoethane
Concen: 57.758 ug/l
RT: 11.24 min Scan# 1531
Delta R.T. -0.00 min
Lab File: VW007546.D
Acq: 14 Dec 2018 20:19

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 107 Resp: 35816
Ion Ratio Lower Upper
107 100
109 94.9 79.1 118.7

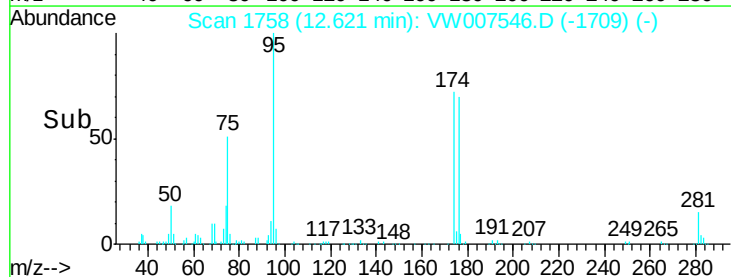
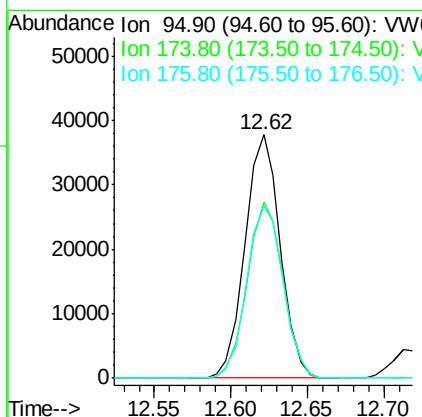
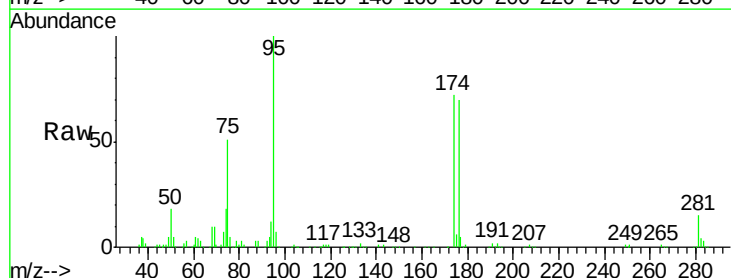
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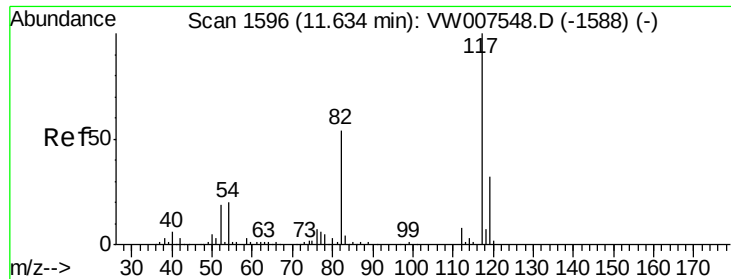
apatel
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#62
4-Bromofluorobenzene
Concen: 52.122 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VW007546.D
Acq: 14 Dec 2018 20:19

Tgt Ion: 95 Resp: 60277
Ion Ratio Lower Upper
95 100
174 73.7 0.0 147.2
176 73.5 0.0 138.8





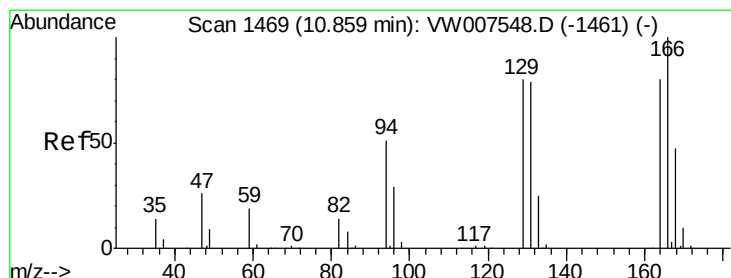
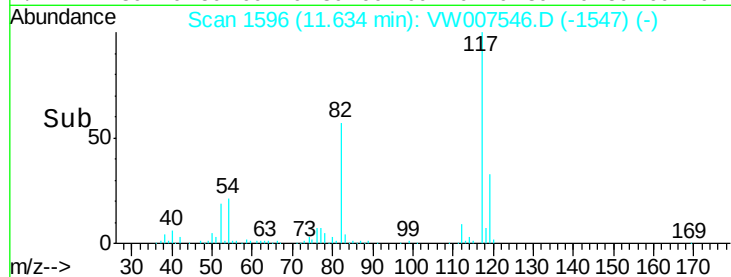
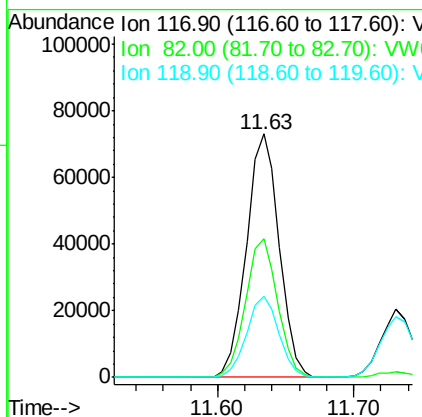
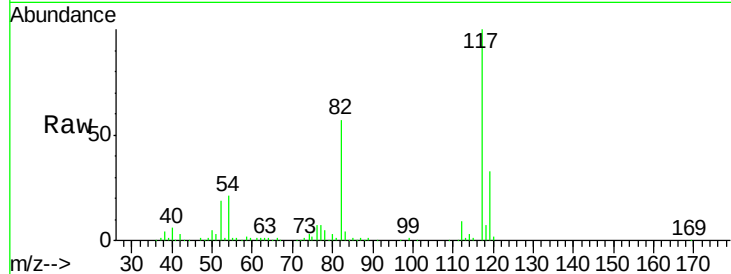
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW007546.D
Acq: 14 Dec 2018 20:19

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	122953		
82	57.0	42.3	63.5	
119	33.4	23.0	34.6	

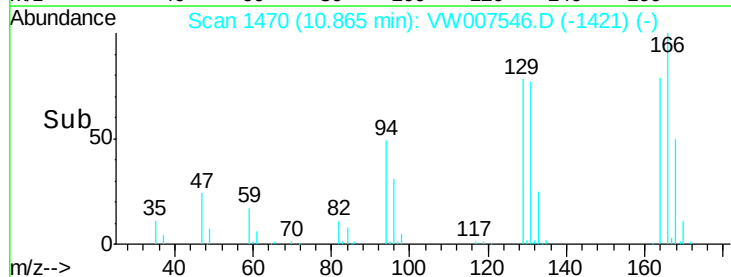
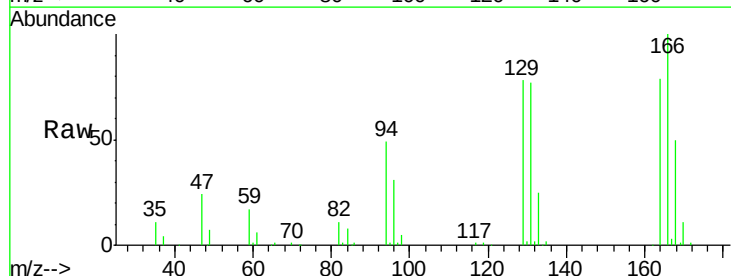
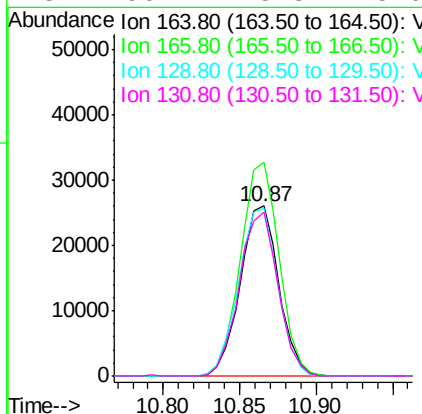
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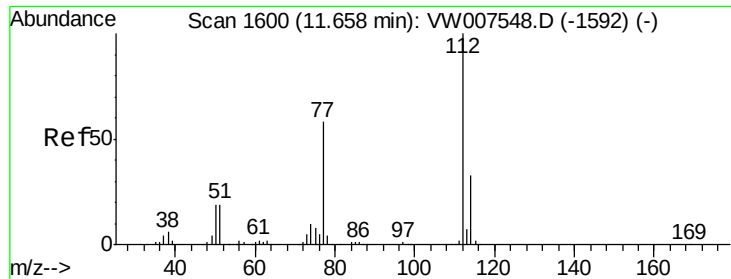
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#64
Tetrachloroethene
Concen: 51.510 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VW007546.D
Acq: 14 Dec 2018 20:19

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	45545		
166	125.9	107.9	161.9	
129	98.7	73.4	110.2	
131	96.7	75.8	113.6	





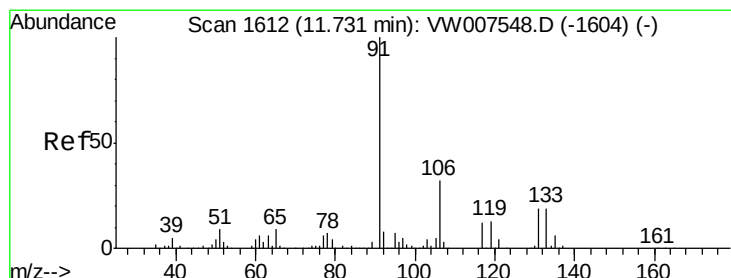
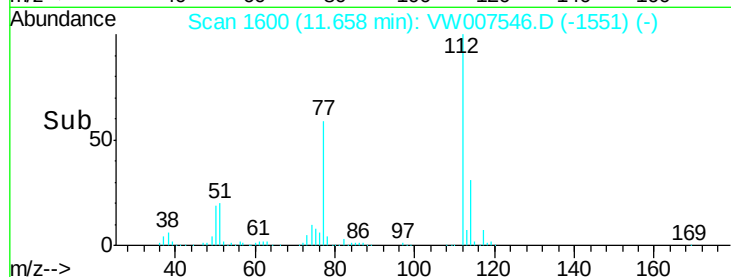
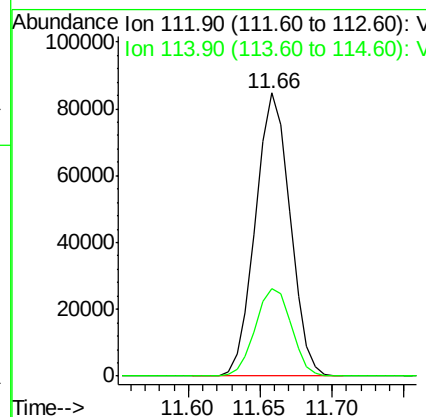
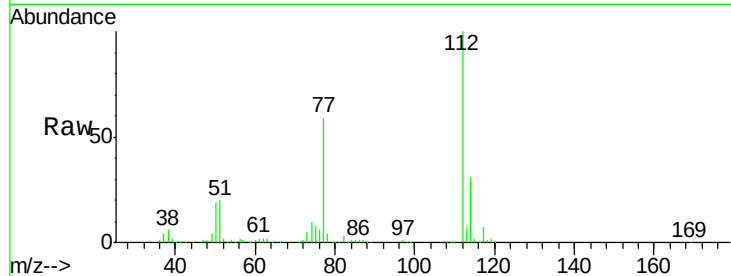
#65
Chlorobenzene
Concen: 54.891 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW007546.D
Acq: 14 Dec 2018 20:19

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tgt Ion:112 Resp: 140672
Ion Ratio Lower Upper
112 100
114 30.9 27.8 41.8

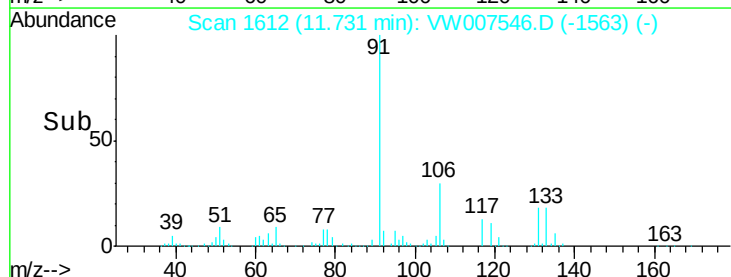
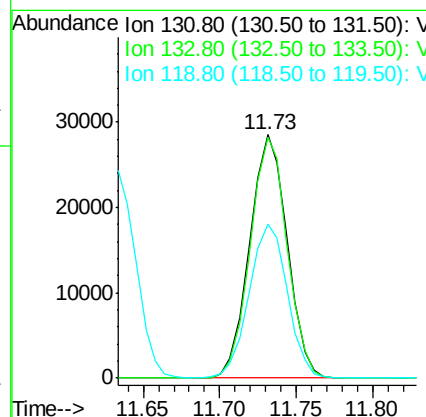
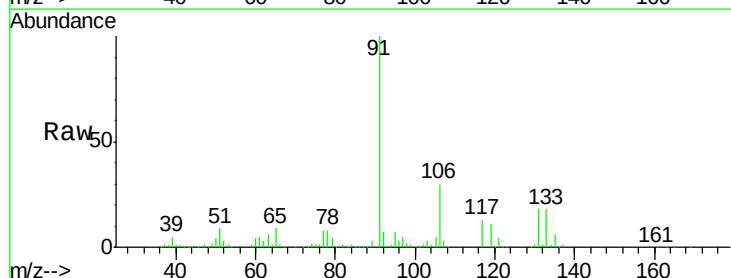
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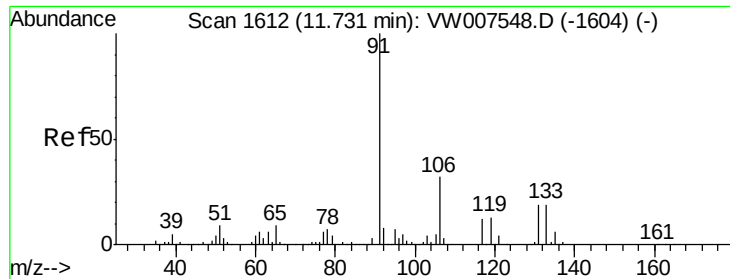
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#66
1,1,1,2-Tetrachloroethane
Concen: 53.894 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW007546.D
Acq: 14 Dec 2018 20:19

Tgt Ion:131 Resp: 48644
Ion Ratio Lower Upper
131 100
133 97.7 47.1 141.4
119 64.5 31.3 93.9





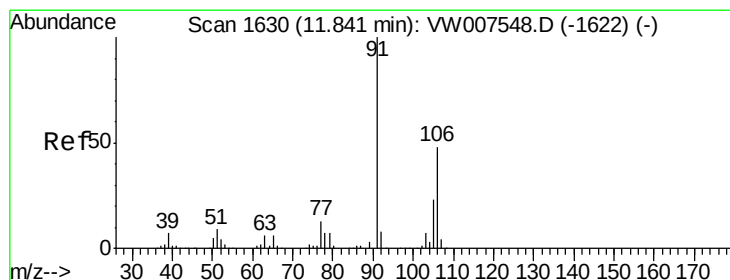
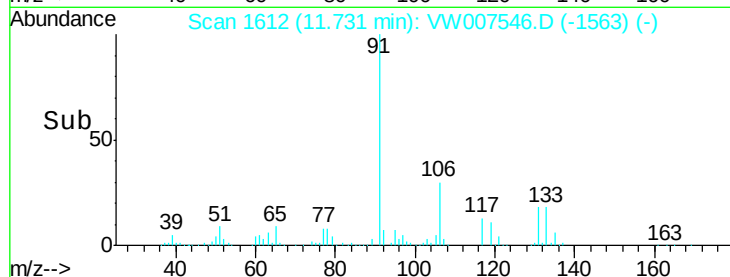
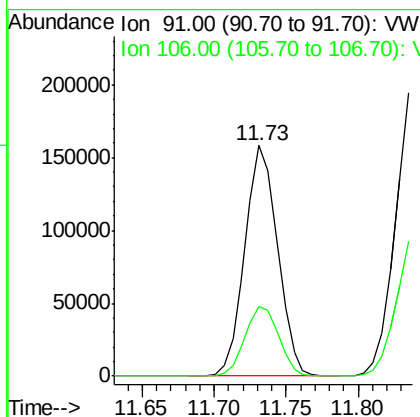
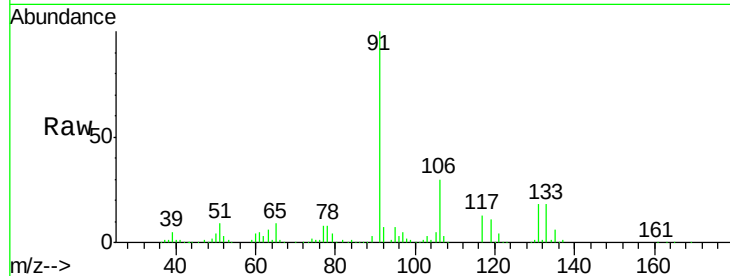
#67
Ethyl Benzene
Concen: 56.591 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW007546.D
Acq: 14 Dec 2018 20:19

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 249342
Ion Ratio Lower Upper
91 100
106 30.1 21.8 32.8

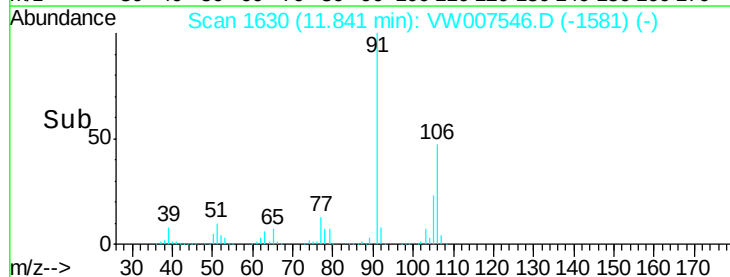
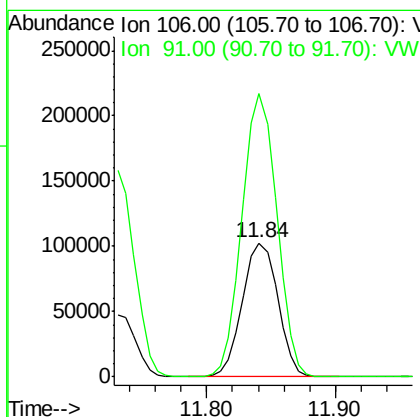
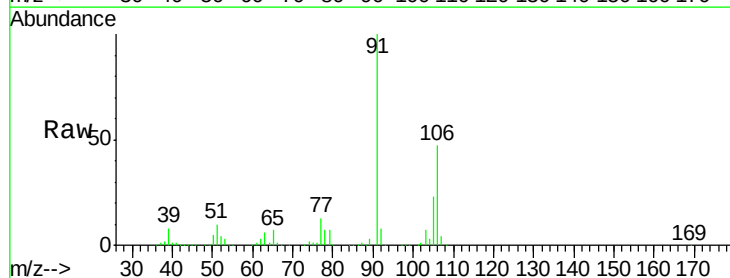
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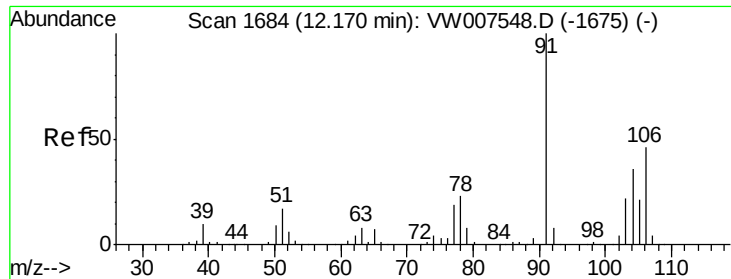
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#68
m/p-Xylenes
Concen: 114.352 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW007546.D
Acq: 14 Dec 2018 20:19

Tgt Ion: 106 Resp: 195871
Ion Ratio Lower Upper
106 100
91 207.3 165.3 247.9





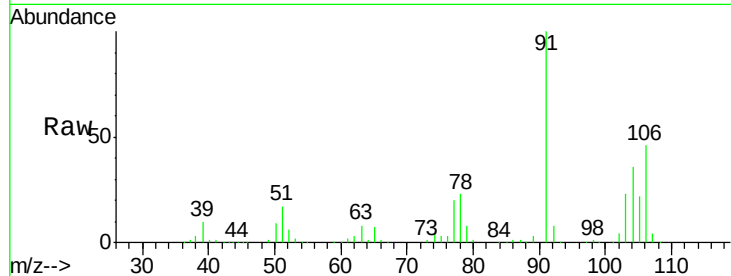
#69
o-Xylene
Concen: 56.819 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW007546.D
Acq: 14 Dec 2018 20:19

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

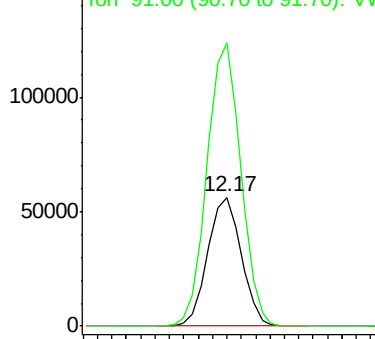
Tgt Ion:106 Resp: 90894
Ion Ratio Lower Upper
106 100
91 220.8 106.6 319.8

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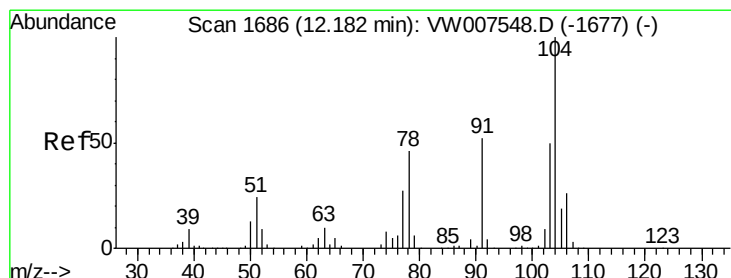
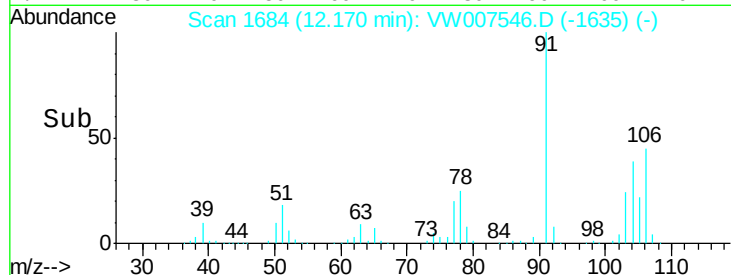
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Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VV

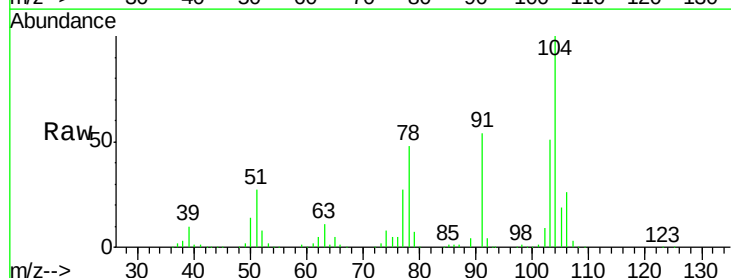


Time-->

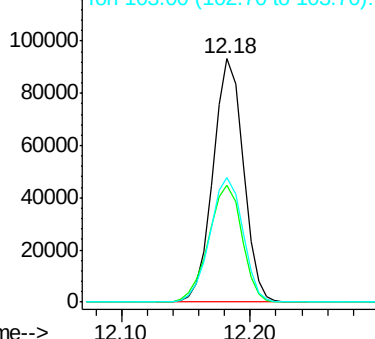


#70
Styrene
Concen: 58.299 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW007546.D
Acq: 14 Dec 2018 20:19

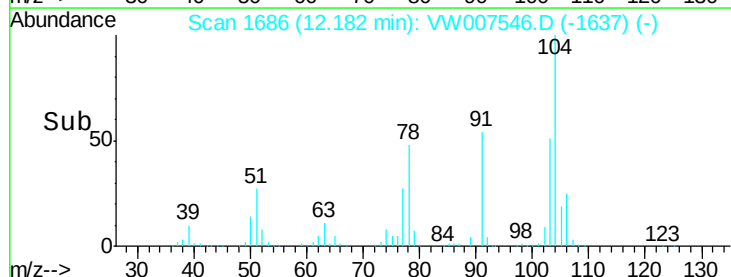
Tgt Ion:104 Resp: 150638
Ion Ratio Lower Upper
104 100
78 53.2 41.8 62.8
103 55.8 46.6 69.8

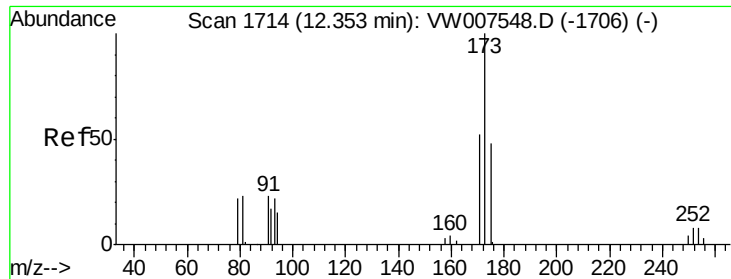


Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VV
Ion 103.00 (102.70 to 103.70): V



Time-->





#71

Bromoform

Concen: 55.998 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. 0.01 min

Lab File: VW007546.D

Acq: 14 Dec 2018 20:19

Instrument :

MSVOA_W

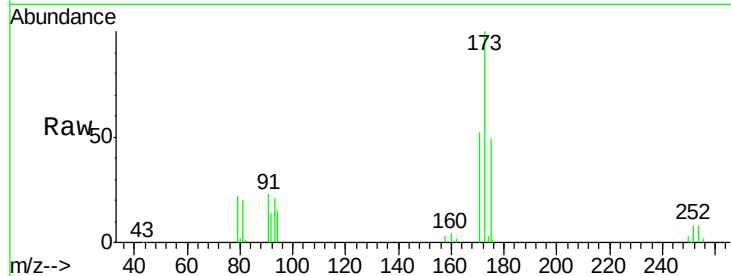
ClientSampleId :

VSTDCCC050EC

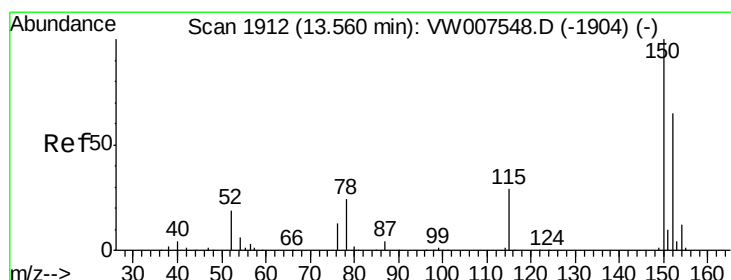
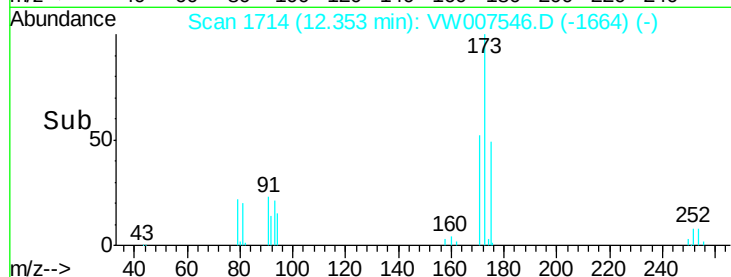
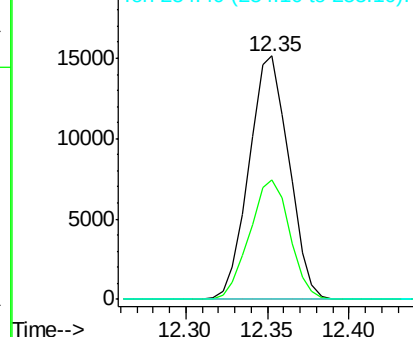
Tgt Ion:	173	Resp:	25870
Ion Ratio	Lower	Upper	
173	100		
175	49.6	23.6	70.8
254	0.0	0.0	0.0

Manual Integrations
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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

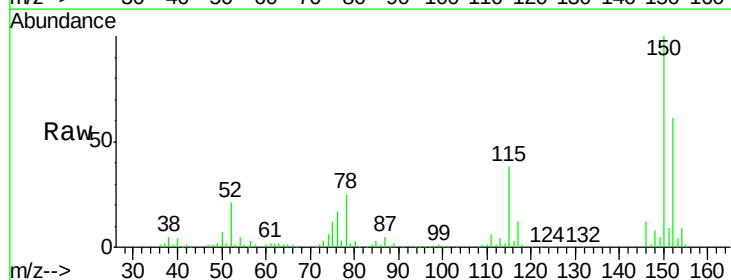
RT: 13.56 min Scan# 1912

Delta R.T. -0.00 min

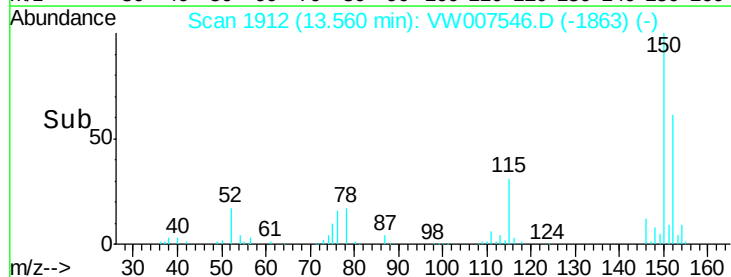
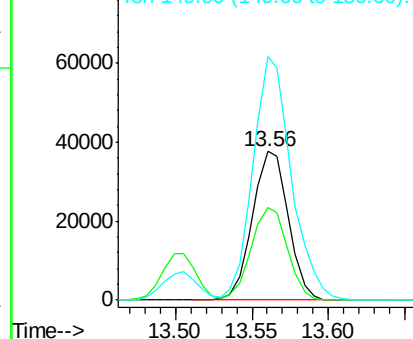
Lab File: VW007546.D

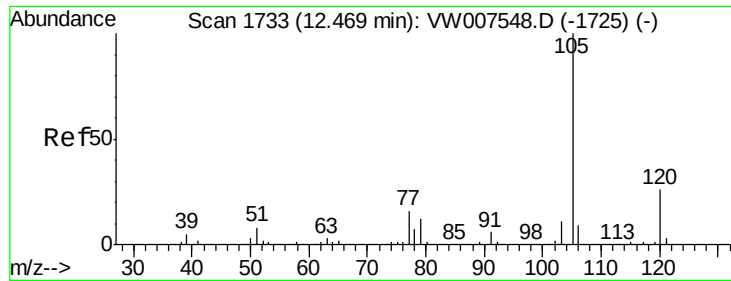
Acq: 14 Dec 2018 20:19

Tgt Ion:	152	Resp:	61480
Ion Ratio	Lower	Upper	
152	100		
115	62.9	31.4	94.2
150	175.6	0.0	358.4



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





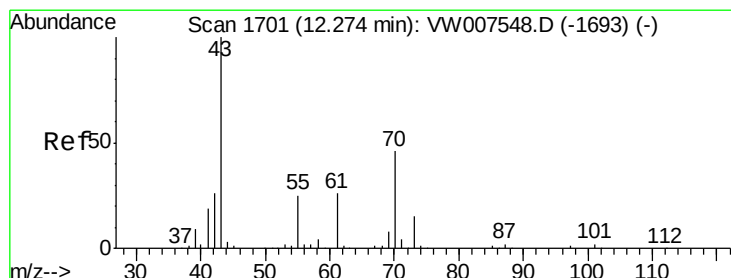
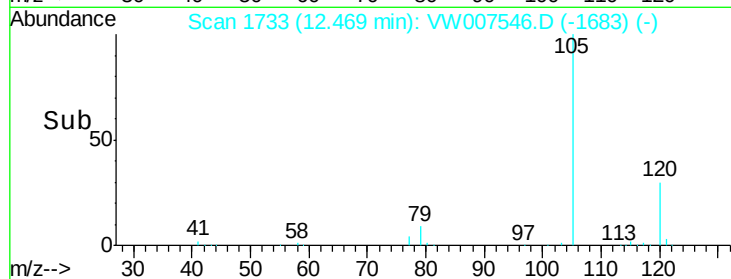
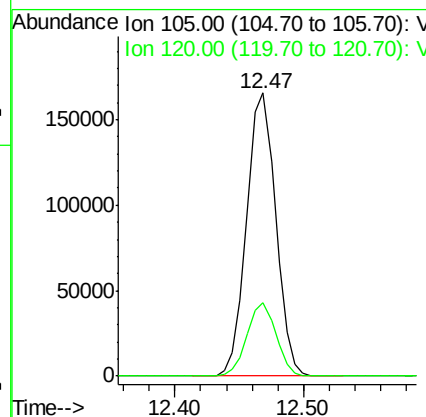
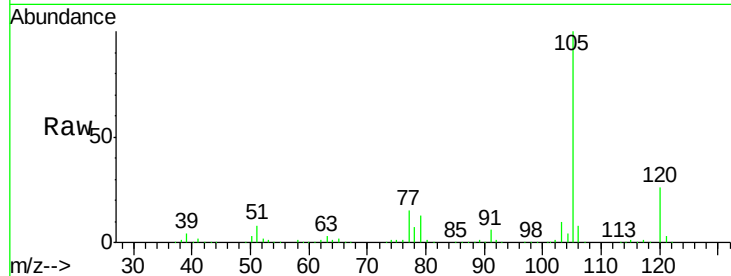
#73
Isopropylbenzene
Concen: 54.766 ug/l
RT: 12.47 min Scan# 1733
Delta R.T. 0.01 min
Lab File: VW007546.D
Acq: 14 Dec 2018 20:19

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 105 Resp: 257996
Ion Ratio Lower Upper
105 100
120 25.7 12.8 38.4

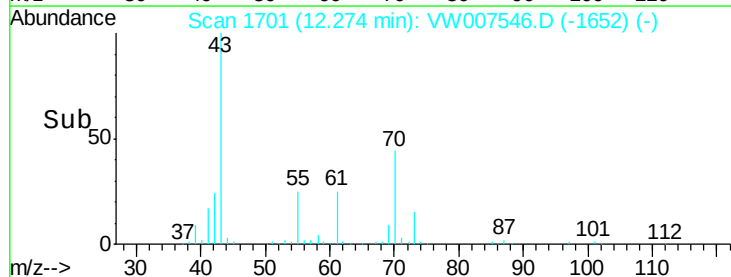
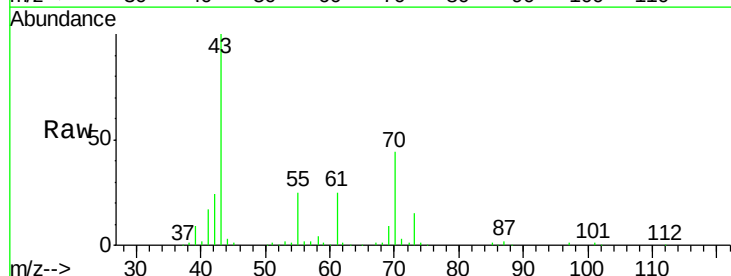
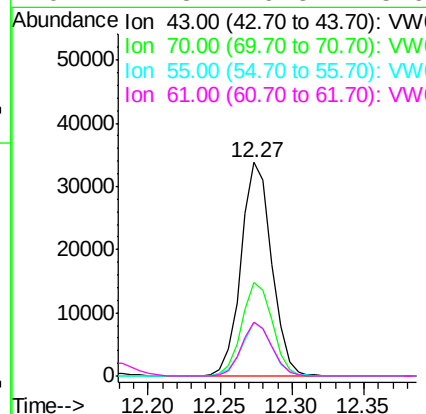
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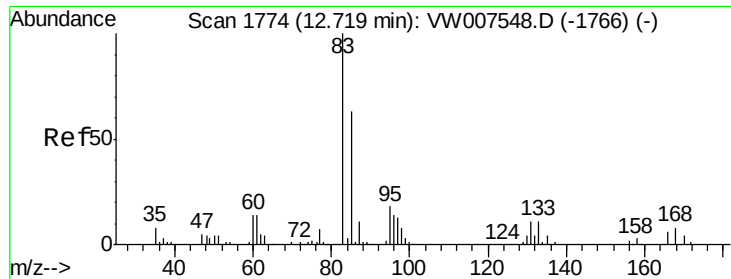
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#74
N-ethyl acetate
Concen: 58.268 ug/l
RT: 12.27 min Scan# 1701
Delta R.T. -0.00 min
Lab File: VW007546.D
Acq: 14 Dec 2018 20:19

Tgt Ion: 43 Resp: 49886
Ion Ratio Lower Upper
43 100
70 43.9 36.5 54.7
55 24.7 20.1 30.1
61 24.8 19.3 28.9





#75

1,1,2,2-Tetrachloroethane

Concen: 56.376 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. -0.00 min

Lab File: VW007546.D

Acq: 14 Dec 2018 20:19

Instrument :

MSVOA_W

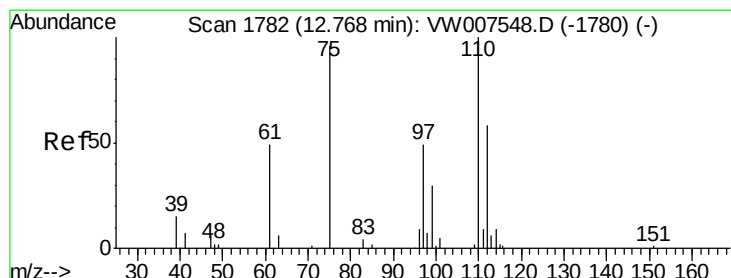
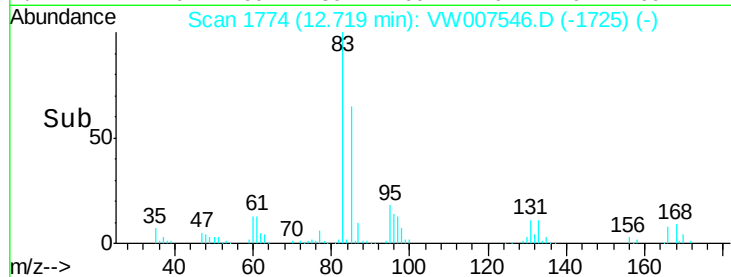
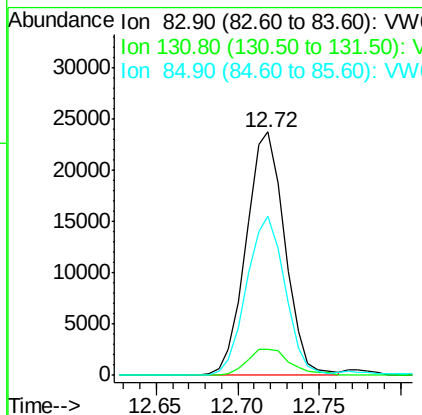
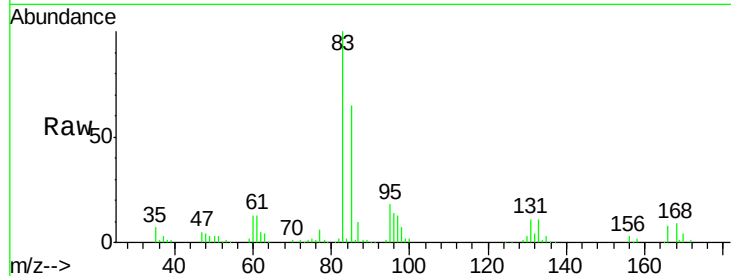
ClientSampleId :

VSTDCCC050EC

Tgt Ion:	83	Resp:	39335
Ion Ratio	Lower	Upper	
83	100		
131	12.2	5.9	17.8
85	64.8	30.0	90.0

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#76

1,2,3-Trichloropropane

Concen: 60.294 ug/l m

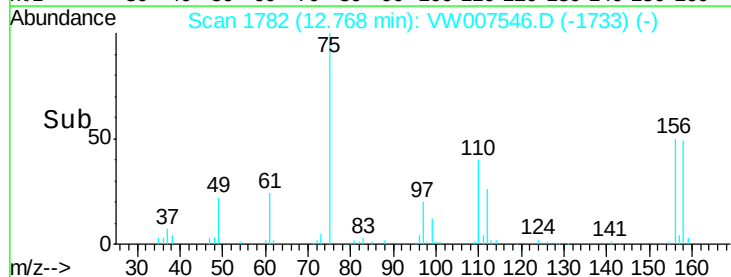
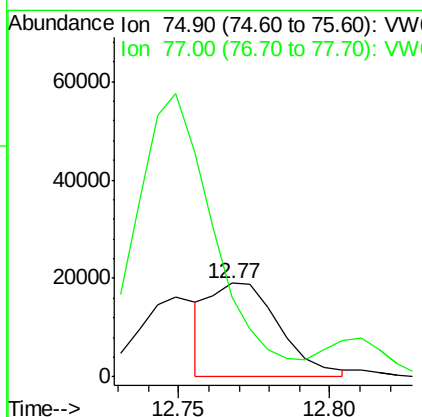
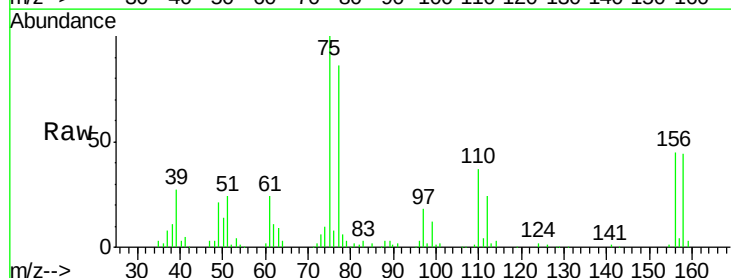
RT: 12.77 min Scan# 1782

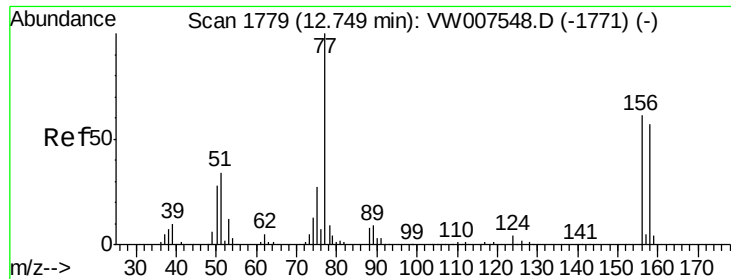
Delta R.T. -0.00 min

Lab File: VW007546.D

Acq: 14 Dec 2018 20:19

Tgt Ion:	75	Resp:	30564
Ion Ratio	Lower	Upper	
75	100		
77	342.8	166.9	500.8





#77

Bromobenzene

Concen: 54.397 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VW007546.D

Acq: 14 Dec 2018 20:19

Instrument :

MSVOA_W

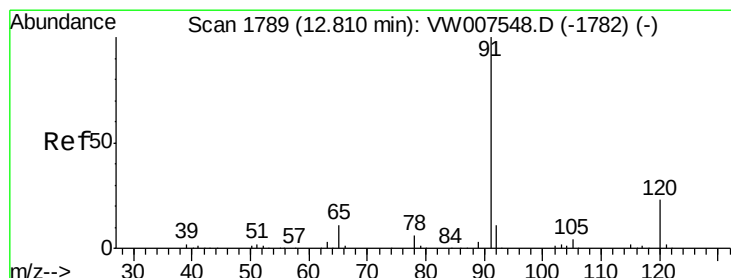
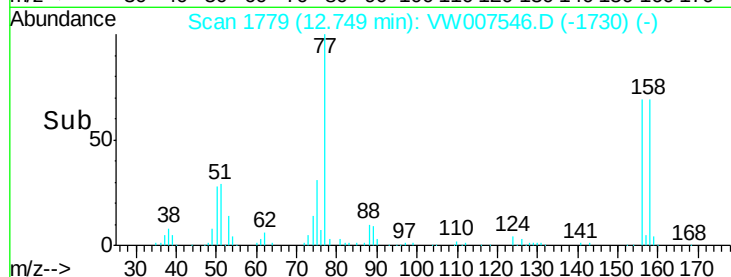
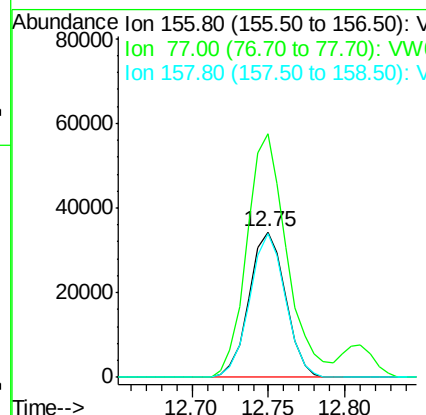
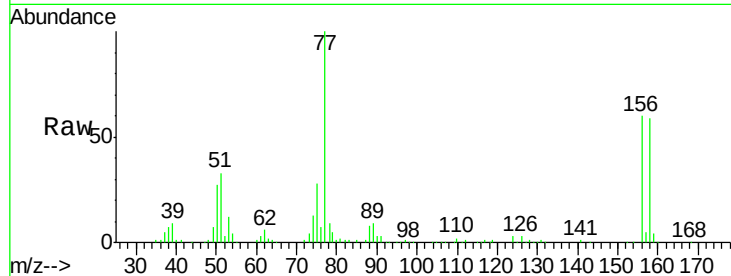
ClientSampleId :

VSTDCCC050EC

Tgt Ion:	156	Resp:	56802
Ion Ratio	Lower	Upper	
156	100		
77	184.5	88.1	264.4
158	97.0	45.6	136.7

Manual Integrations
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#78

n-propylbenzene

Concen: 56.526 ug/l

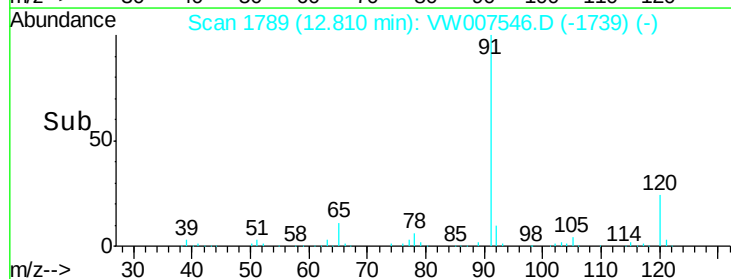
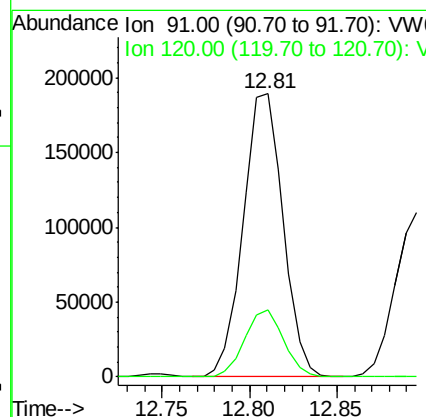
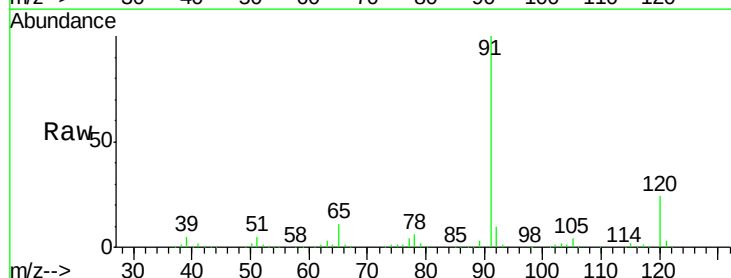
RT: 12.81 min Scan# 1789

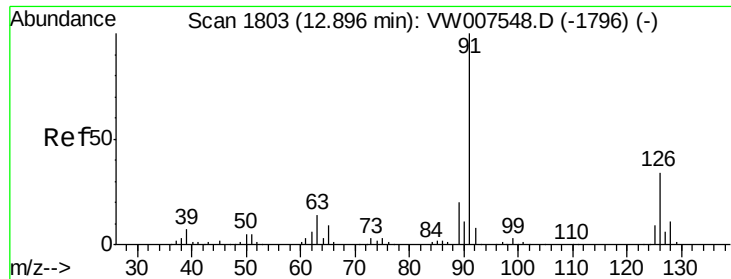
Delta R.T. 0.01 min

Lab File: VW007546.D

Acq: 14 Dec 2018 20:19

Tgt Ion:	91	Resp:	299677
Ion Ratio	Lower	Upper	
91	100		
120	23.2	11.9	35.5





#79

2-Chlorotoluene

Concen: 54.435 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VW007546.D

Acq: 14 Dec 2018 20:19

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 91 Resp: 174623

Ion Ratio Lower Upper

91 100

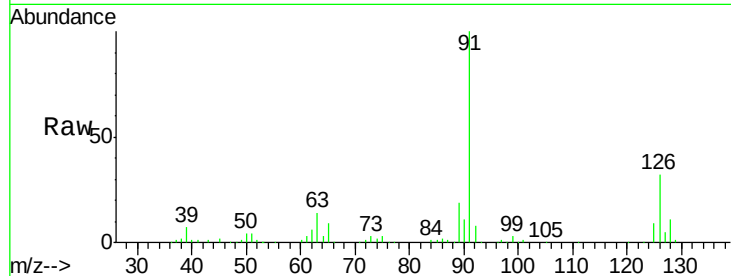
126 32.7 15.9 47.6

Manual Integrations

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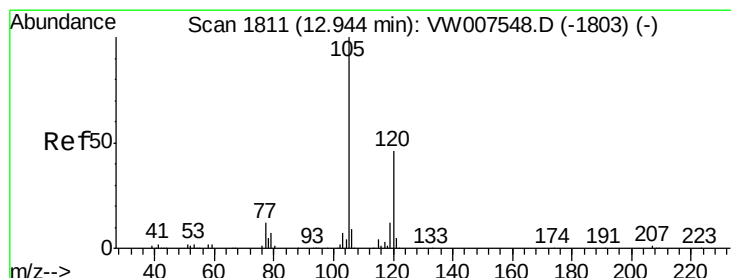
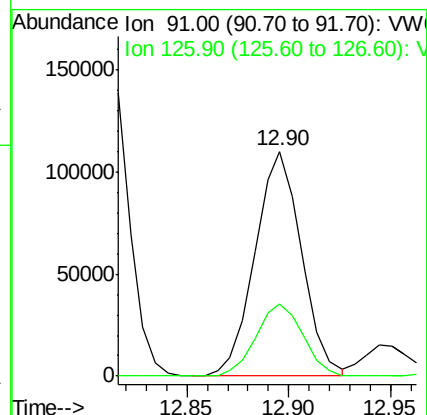
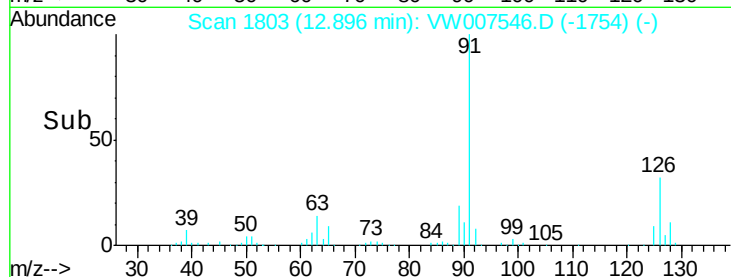
apatel

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Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 55.381 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. -0.00 min

Lab File: VW007546.D

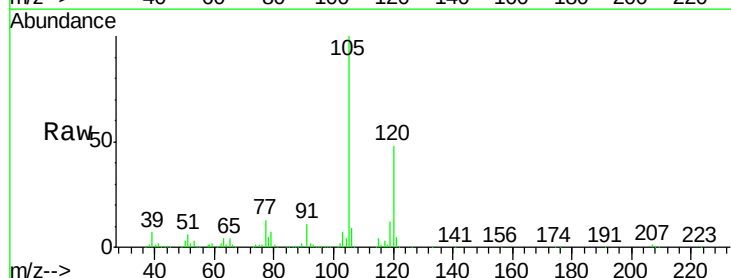
Acq: 14 Dec 2018 20:19

Tgt Ion: 105 Resp: 219214

Ion Ratio Lower Upper

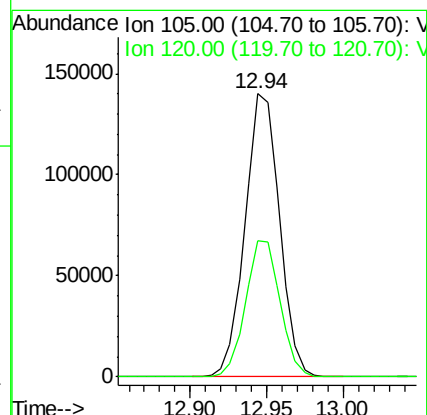
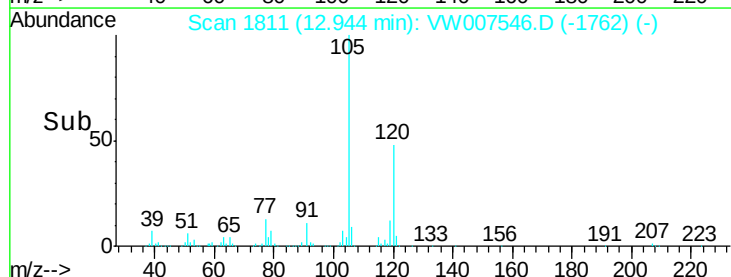
105 100

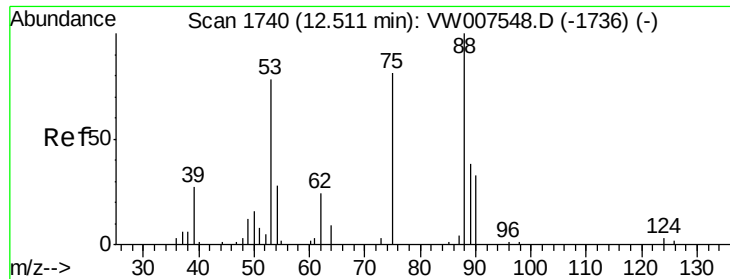
120 48.1 23.8 71.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





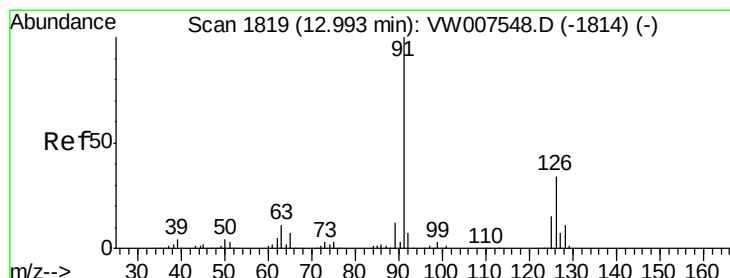
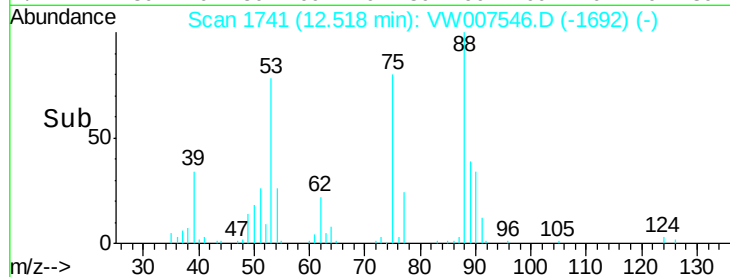
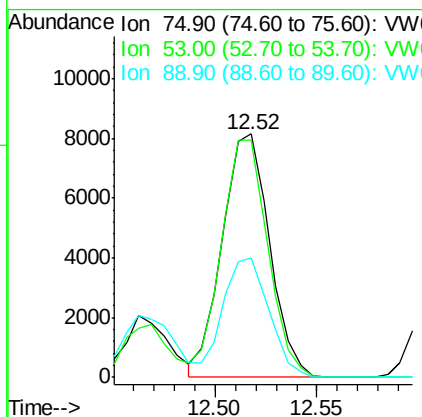
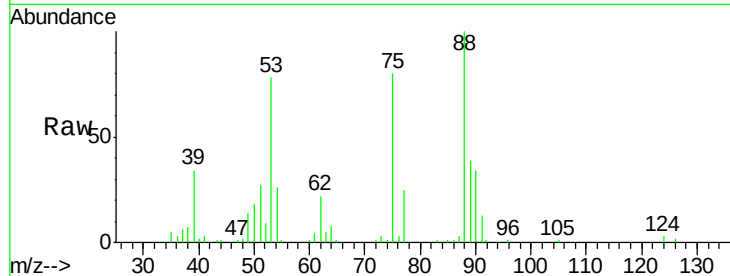
#81
trans-1,4-Dichloro-2-butene
Concen: 57.077 ug/l
RT: 12.52 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VW007546.D
Acq: 14 Dec 2018 20:19

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
75	100		
53	95.5	84.9	127.3
89	46.9	40.3	60.5

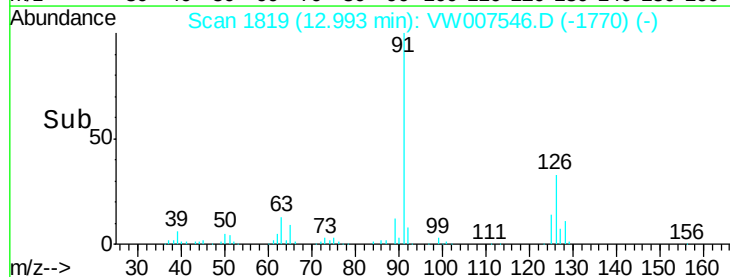
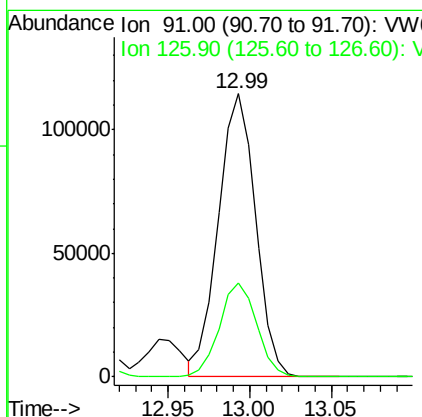
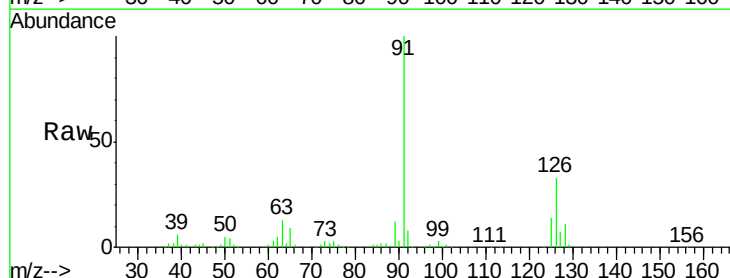
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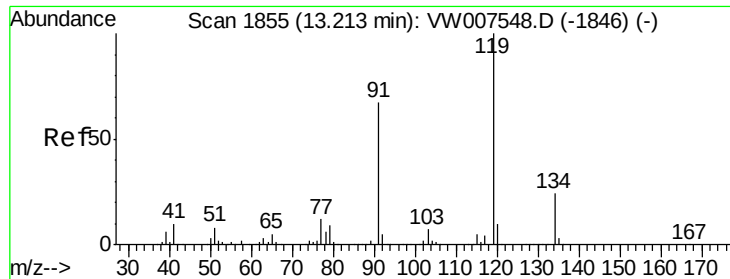
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#82
4-Chlorotoluene
Concen: 53.904 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. -0.00 min
Lab File: VW007546.D
Acq: 14 Dec 2018 20:19

Tgt Ion	Ratio	Lower	Upper
91	100		
126	33.1	16.0	48.0





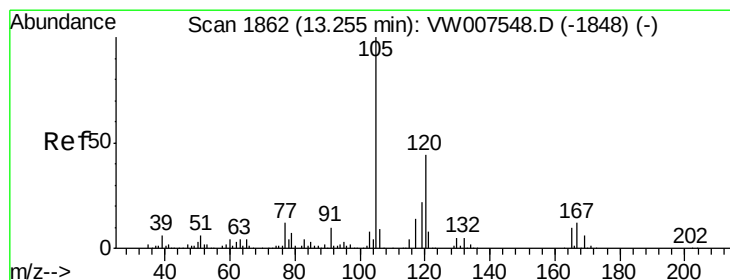
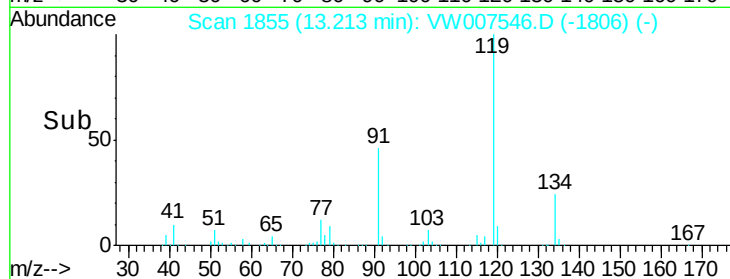
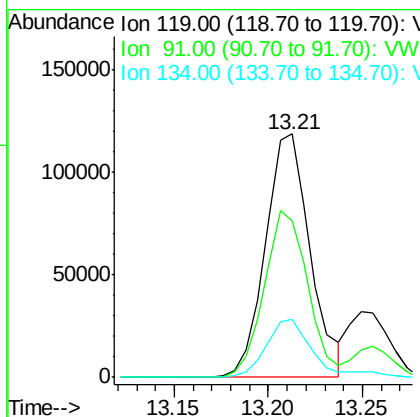
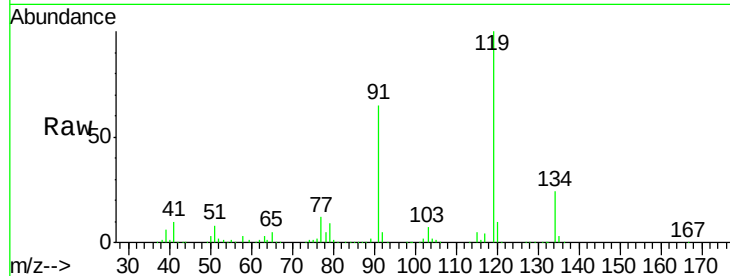
#83
 tert-Butylbenzene
 Concen: 56.062 ug/l
 RT: 13.21 min Scan# 1855
 Delta R.T. -0.00 min
 Lab File: VW007546.D
 Acq: 14 Dec 2018 20:19

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	195533		
91	66.6	33.1	99.2	
134	25.0	12.5	37.5	

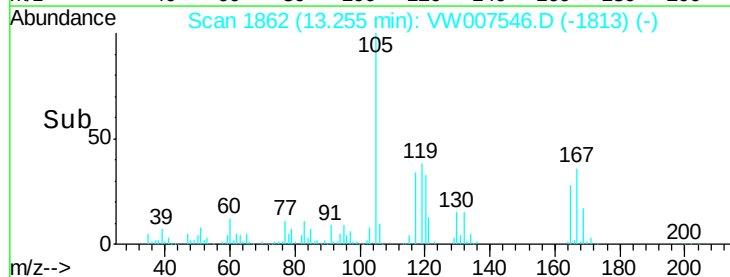
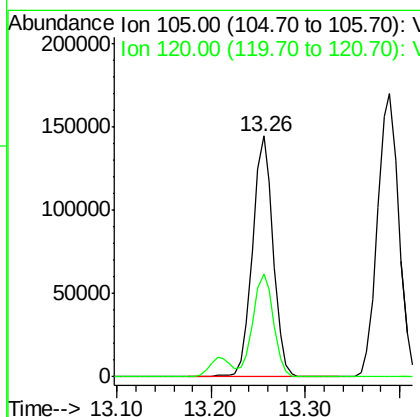
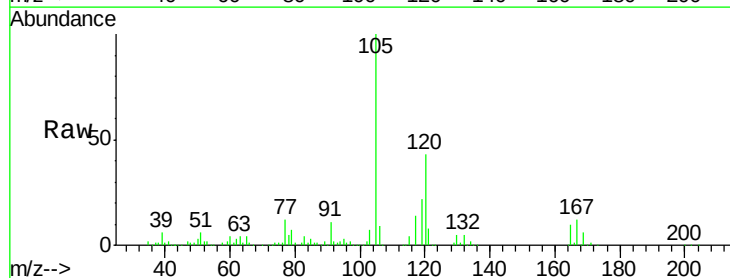
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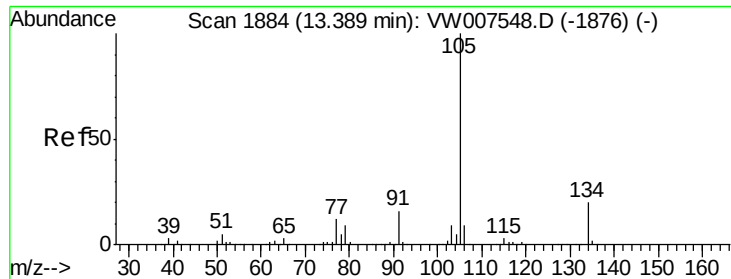
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#84
 1,2,4-Trimethylbenzene
 Concen: 54.848 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. -0.00 min
 Lab File: VW007546.D
 Acq: 14 Dec 2018 20:19

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	223408		
120	43.3	22.6	67.7	





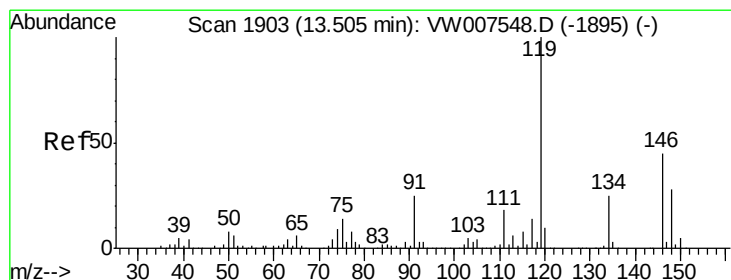
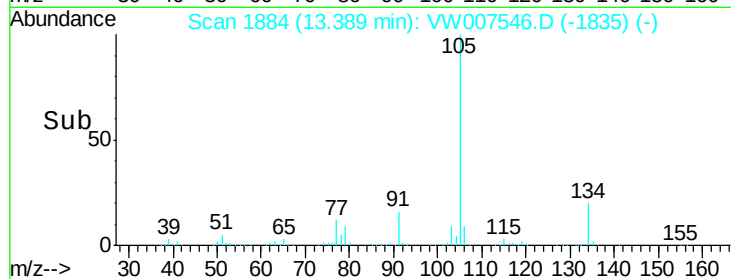
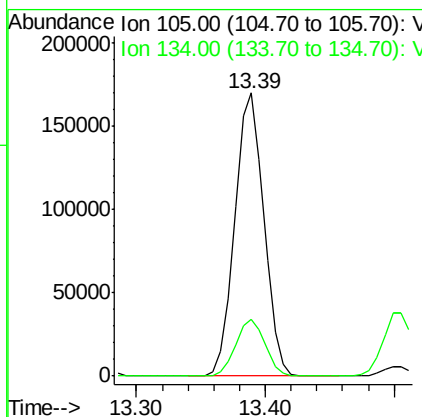
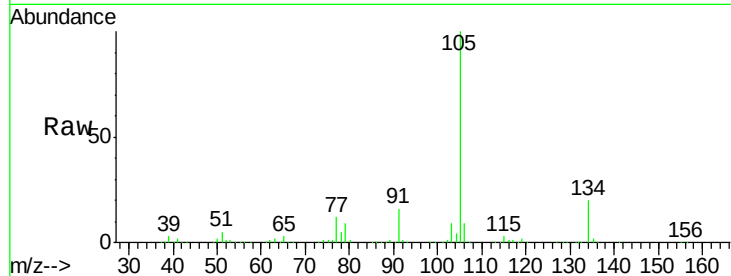
#85
 sec-Butylbenzene
 Concen: 56.015 ug/l
 RT: 13.39 min Scan# 1884
 Delta R.T. -0.00 min
 Lab File: VW007546.D
 Acq: 14 Dec 2018 20:19

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:105 Resp: 266700
 Ion Ratio Lower Upper
 105 100
 134 20.1 11.1 33.3

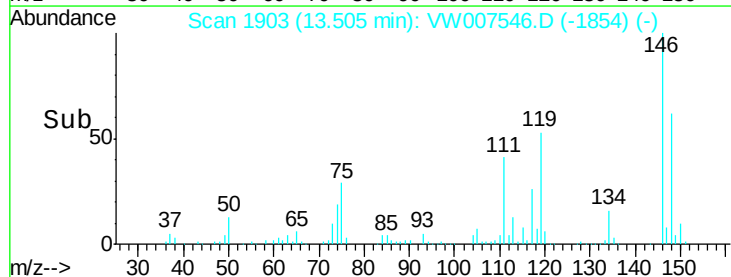
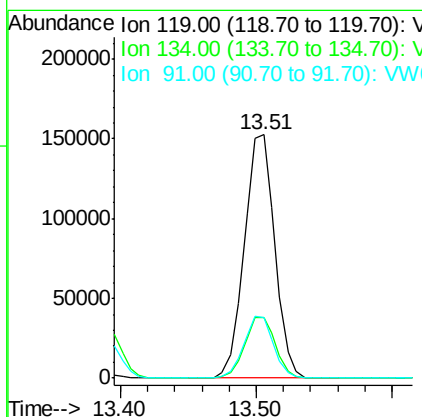
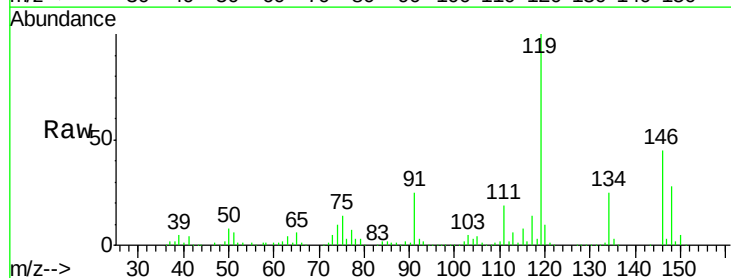
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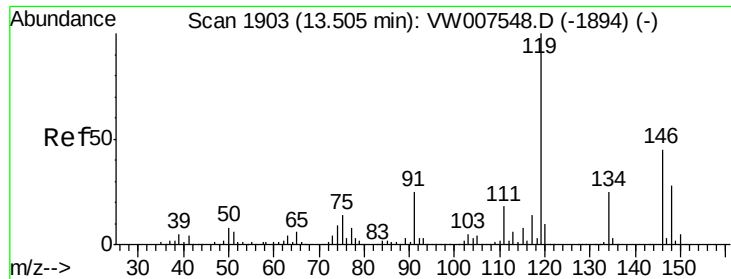
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#86
 p-Isopropyltoluene
 Concen: 55.658 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. -0.00 min
 Lab File: VW007546.D
 Acq: 14 Dec 2018 20:19

Tgt Ion:119 Resp: 238069
 Ion Ratio Lower Upper
 119 100
 134 25.4 12.9 38.7
 91 25.0 11.9 35.9





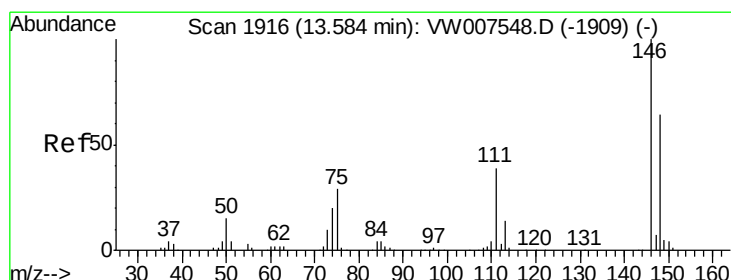
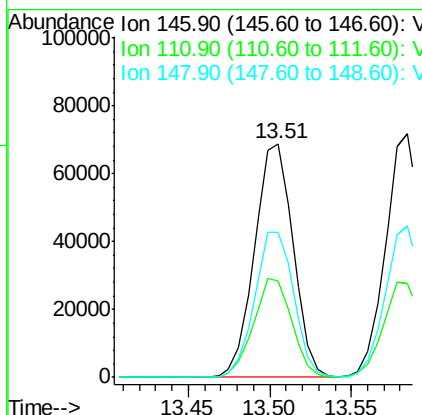
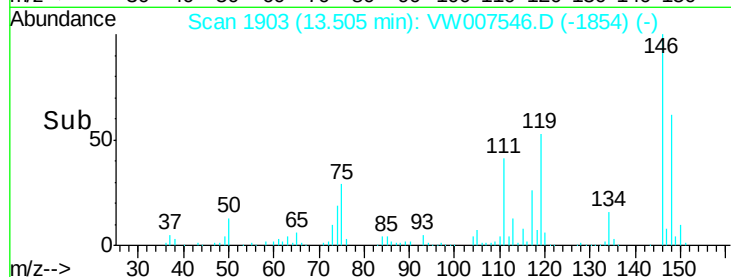
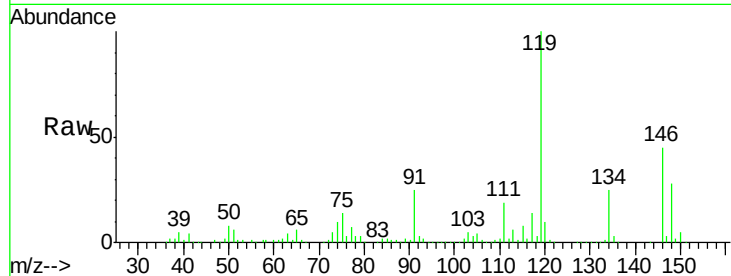
#87
 1,3-Dichlorobenzene
 Concen: 54.381 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. -0.00 min
 Lab File: VW007546.D
 Acq: 14 Dec 2018 20:19

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	113218		
111	42.2	20.1	60.3	
148	63.3	31.4	94.0	

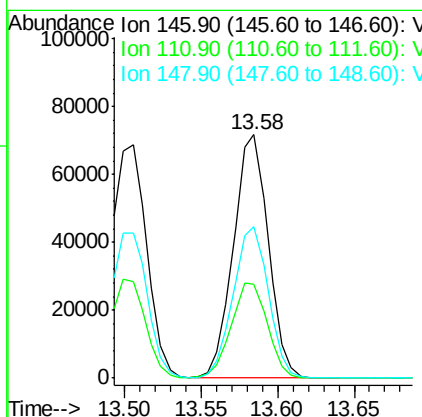
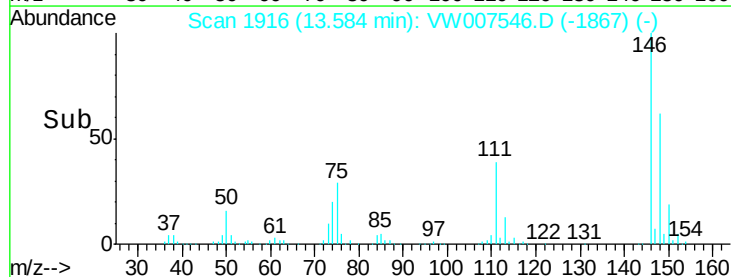
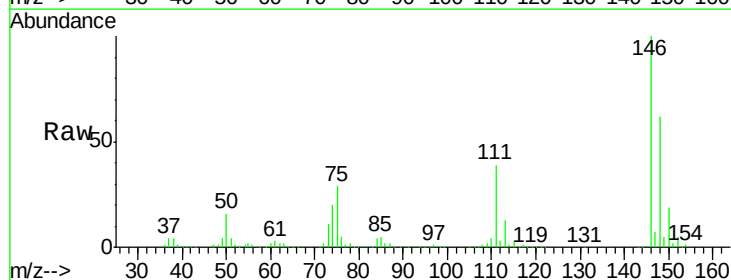
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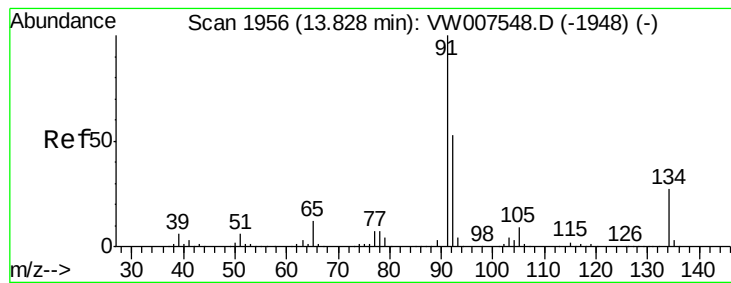
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#88
 1,4-Dichlorobenzene
 Concen: 54.200 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. -0.00 min
 Lab File: VW007546.D
 Acq: 14 Dec 2018 20:19

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	113443		
111	40.8	20.3	61.0	
148	62.8	33.5	100.5	





#89

n-Butylbenzene

Concen: 56.344 ug/l

RT: 13.83 min Scan# 1956

Delta R.T. -0.00 min

Lab File: VW007546.D

Acq: 14 Dec 2018 20:19

Instrument :

MSVOA_W

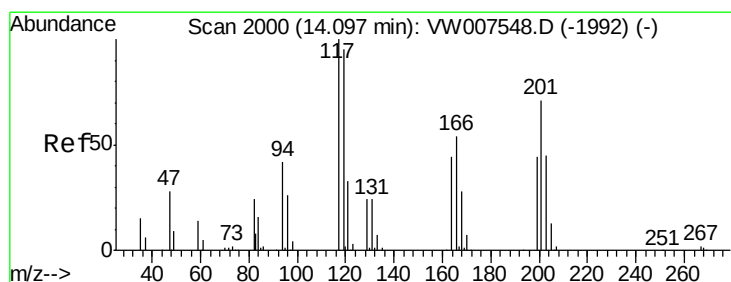
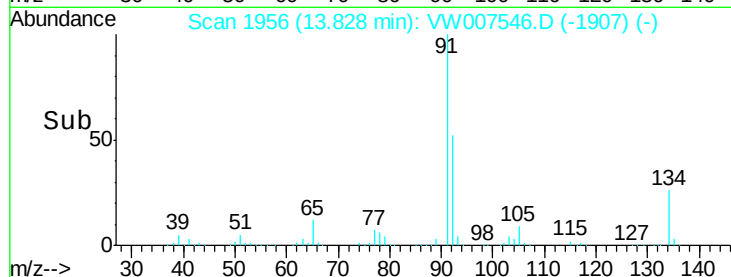
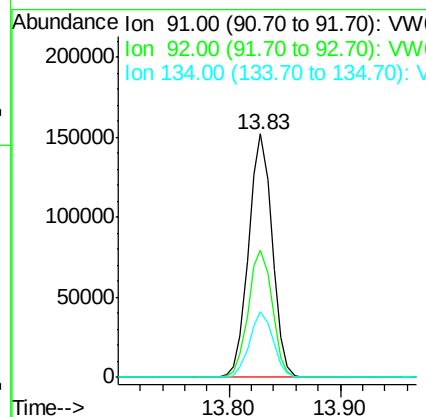
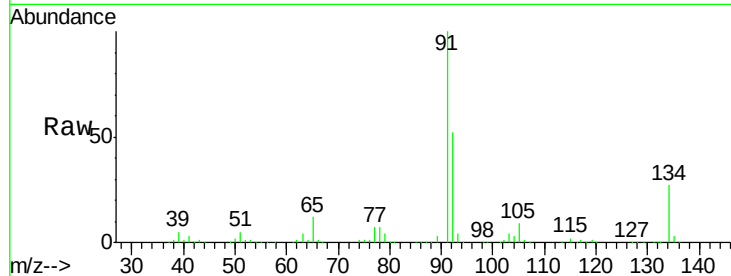
ClientSampleId :

VSTDCCC050EC

Tgt Ion:	91	Resp:	223421
Ion	Ratio	Lower	Upper
91	100		
92	53.1	25.7	77.1
134	26.9	13.4	40.2

Manual Integrations
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#90

Hexachloroethane

Concen: 53.875 ug/l

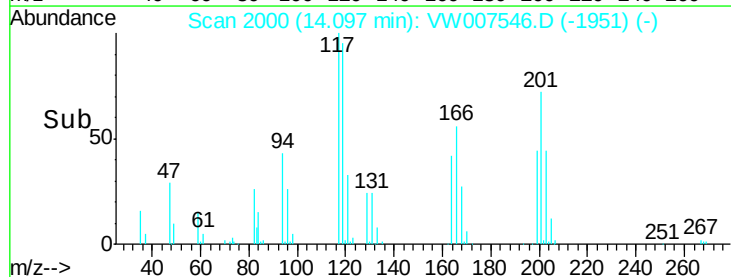
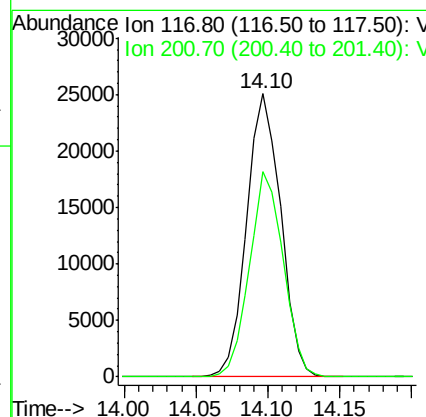
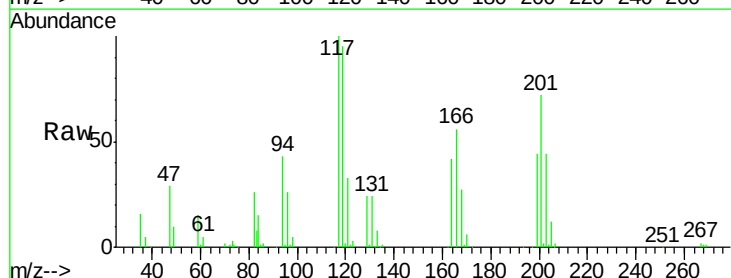
RT: 14.10 min Scan# 2000

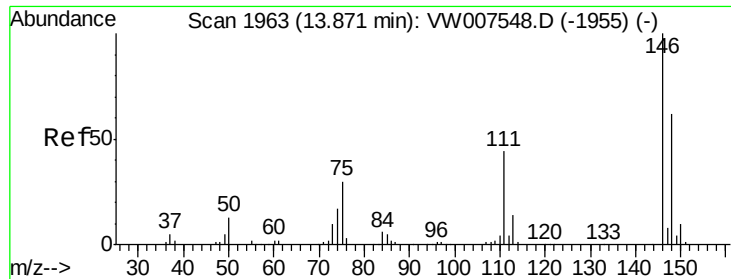
Delta R.T. -0.00 min

Lab File: VW007546.D

Acq: 14 Dec 2018 20:19

Tgt Ion:	117	Resp:	41003
Ion	Ratio	Lower	Upper
117	100		
201	71.8	35.3	105.9





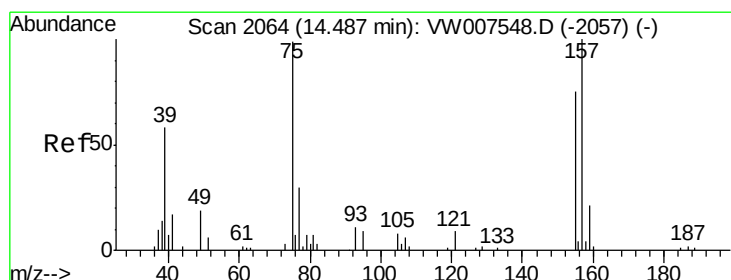
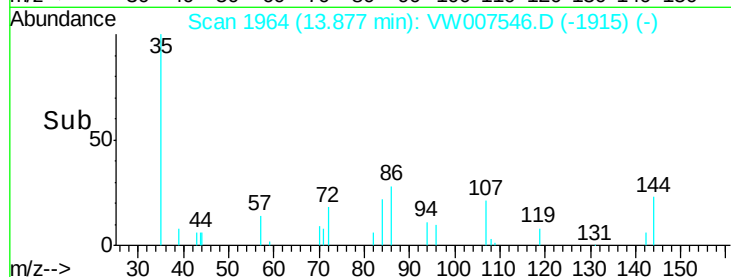
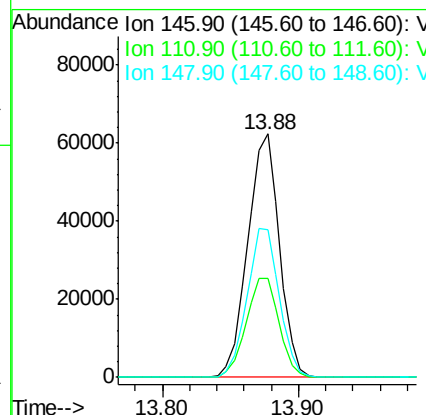
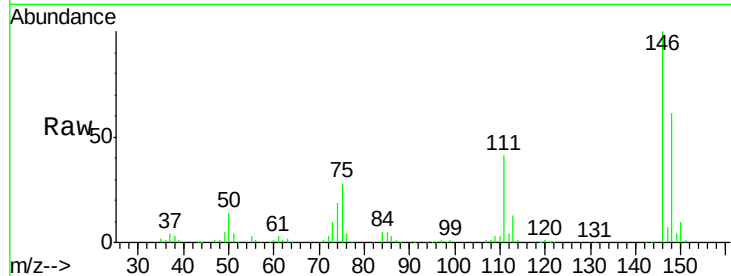
#91
 1,2-Dichlorobenzene
 Concen: 54.516 ug/l
 RT: 13.88 min Scan# 1964
 Delta R.T. -0.00 min
 Lab File: VW007546.D
 Acq: 14 Dec 2018 20:19

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
146	100		
111	42.1	22.4	67.2
148	62.1	32.4	97.2

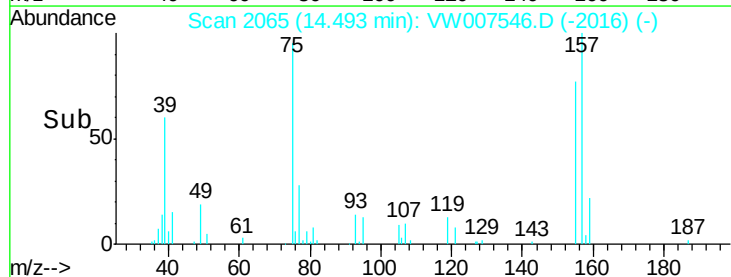
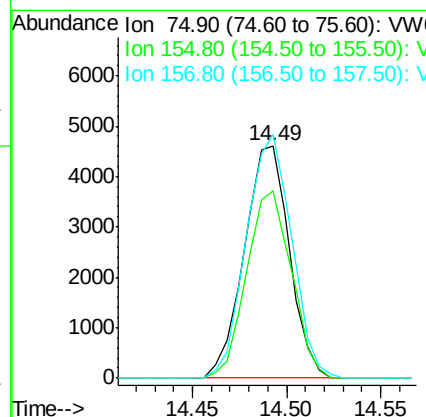
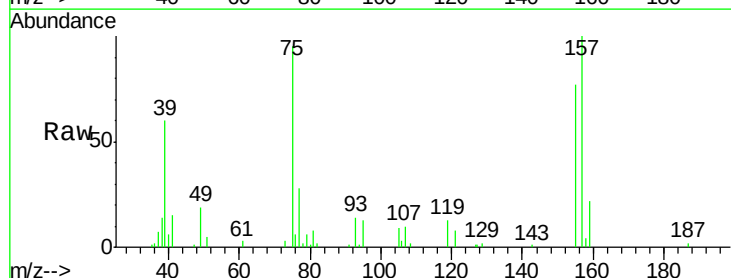
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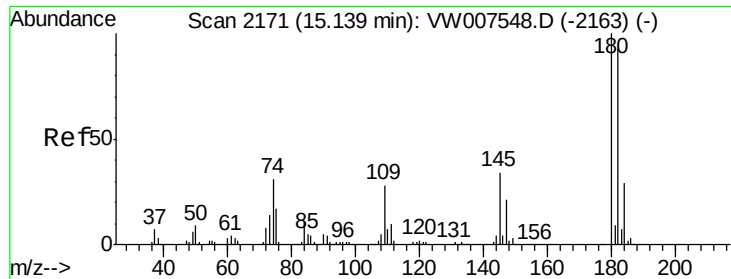
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 54.478 ug/l
 RT: 14.49 min Scan# 2065
 Delta R.T. -0.00 min
 Lab File: VW007546.D
 Acq: 14 Dec 2018 20:19

Tgt Ion	Ratio	Lower	Upper
75	100		
155	80.1	40.8	122.2
157	105.8	51.1	153.4





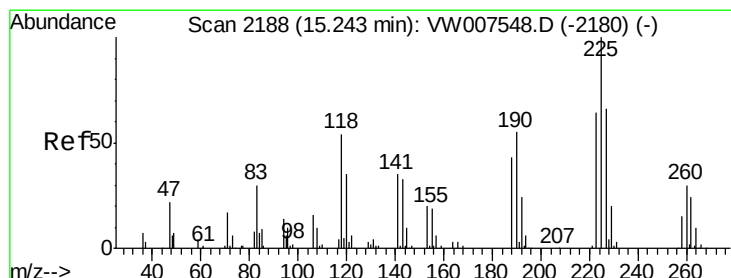
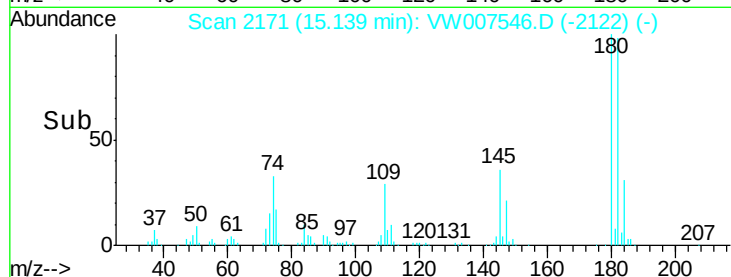
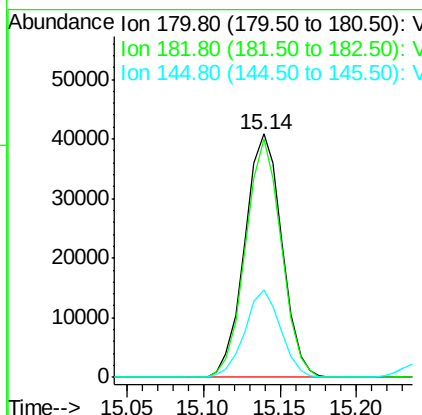
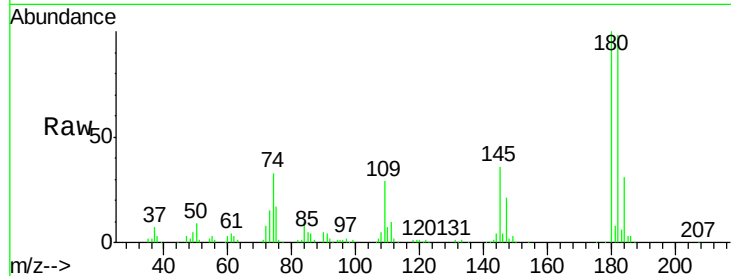
#93
 1,2,4-Trichlorobenzene
 Concen: 53.700 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. -0.00 min
 Lab File: VW007546.D
 Acq: 14 Dec 2018 20:19

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	68912		
182	94.3	49.9	149.6	
145	34.5	17.8	53.4	

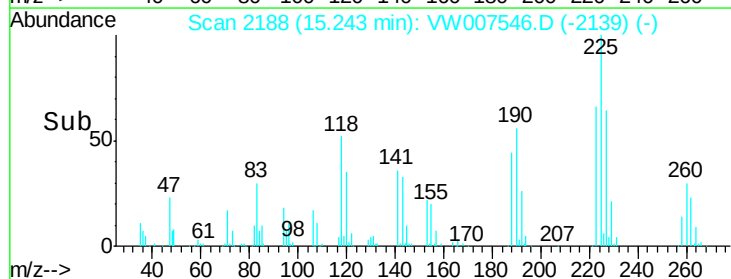
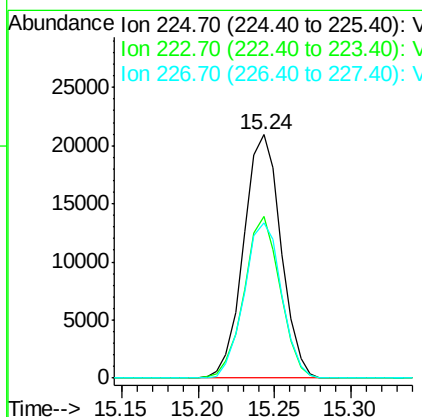
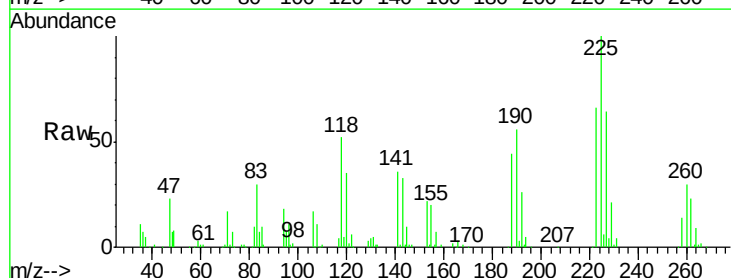
Manual Integrations
 APPROVED

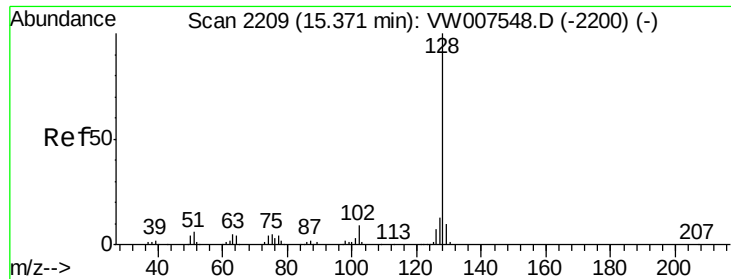
apatel
 12/18/2018 4:37:14 PM



#94
 Hexachlorobutadiene
 Concen: 52.083 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. -0.00 min
 Lab File: VW007546.D
 Acq: 14 Dec 2018 20:19

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	35463		
223	64.1	32.1	96.3	
227	64.1	31.9	95.9	





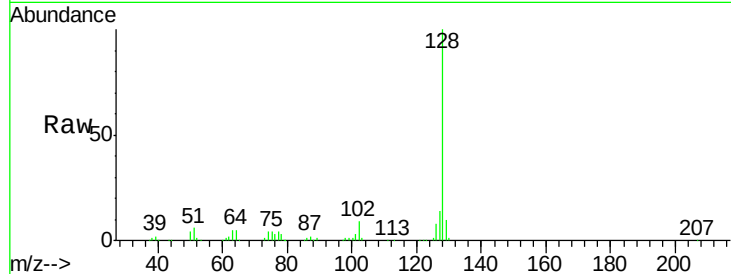
#95
Naphthalene
Concen: 56.565 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. 0.01 min
Lab File: VW007546.D
Acq: 14 Dec 2018 20:19

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	138864		
127	13.7	10.2	15.4	
129	10.7	8.3	12.5	

Manual Integrations
APPROVED

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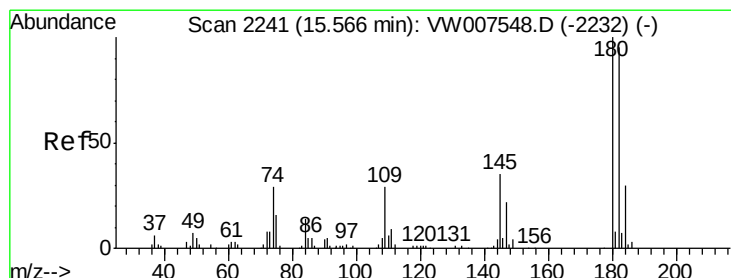
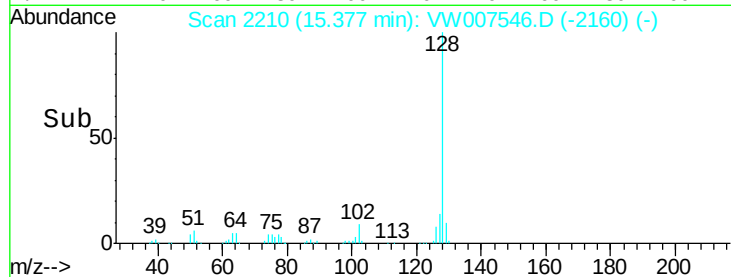
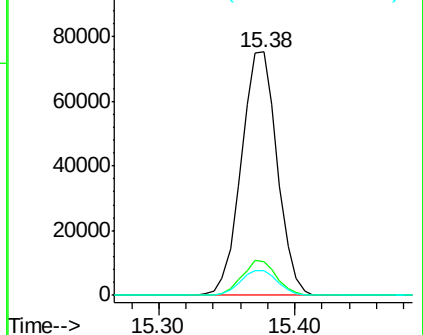


Abundance

Ion 128.00 (127.70 to 128.70): V

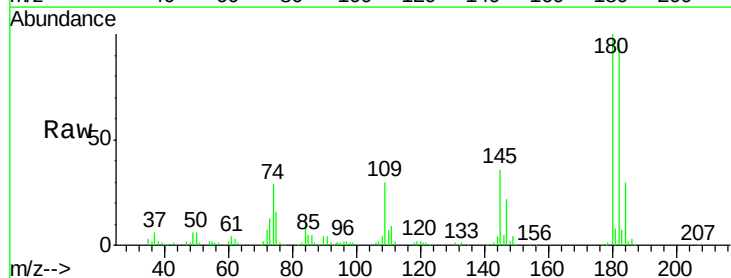
Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 53.698 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. 0.01 min
Lab File: VW007546.D
Acq: 14 Dec 2018 20:19

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	59860		
182	93.8	45.6	136.7	
145	36.3	17.5	52.5	



Abundance

Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

