

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW011419\
 Data File : VW008266.D
 Acq On : 15 Jan 2019 01:50
 Operator : SY/VA
 Sample : VW0114SBSD02
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0114SBSD02

Manual Integrations
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 1/15/2019 2:09:02 PM

Quant Time: Jan 15 11:14:23 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W010819S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 09 04:40:48 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	85358	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	147789	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	136383	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	66906	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	50214	52.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.68%	
35) Dibromofluoromethane	7.88	113	48139	55.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.70%	
50) Toluene-d8	10.32	98	191204	52.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.72%	
62) 4-Bromofluorobenzene	12.62	95	68676	52.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.92%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	11871	17.041	ug/l	90
3) Chloromethane	2.21	50	16364	18.106	ug/l	94
4) Vinyl Chloride	2.37	62	22275	18.884	ug/l	98
5) Bromomethane	2.78	94	20718	23.447	ug/l	94
6) Chloroethane	2.93	64	16417	18.496	ug/l	98
7) Trichlorofluoromethane	3.26	101	16864	17.586	ug/l	100
8) Diethyl Ether	3.68	74	11935	22.015	ug/l	85
9) 1,1,2-Trichlorotrifluoroet	4.06	101	18350	19.273	ug/l	98
10) Methyl Iodide	4.26	142	28489	20.531	ug/l	98
11) Tert butyl alcohol	5.23	59	6570	94.915	ug/l #	100
12) 1,1-Dichloroethene	4.03	96	18076	19.338	ug/l	93
13) Acrolein	3.89	56	4724	72.903	ug/l	98
14) Allyl chloride	4.66	41	30830	18.166	ug/l	99
15) Acrylonitrile	5.37	53	22978	111.330	ug/l	99
16) Acetone	4.14	43	17919	90.412	ug/l	92
17) Carbon Disulfide	4.38	76	54852	18.784	ug/l	97
18) Methyl Acetate	4.67	43	13263	21.874	ug/l	97
19) Methyl tert-butyl Ether	5.43	73	30282	19.927	ug/l	99
20) Methylene Chloride	4.90	84	22153	20.629	ug/l	92
21) trans-1,2-Dichloroethene	5.42	96	21078	20.750	ug/l	86
22) Diisopropyl ether	6.31	45	62686	19.367	ug/l	91
23) Vinyl Acetate	6.26	43	168489	99.114	ug/l	97
24) 1,1-Dichloroethane	6.21	63	38335	20.327	ug/l	97
25) 2-Butanone	7.18	43	26787	100.355	ug/l	98
26) 2,2-Dichloropropane	7.16	77	22857	17.887	ug/l	94
27) cis-1,2-Dichloroethene	7.17	96	22659	20.445	ug/l	97
28) Bromochloromethane	7.51	49	14984	20.087	ug/l	90
29) Tetrahydrofuran	7.54	42	18738	105.093	ug/l	96
30) Chloroform	7.68	83	38050	21.196	ug/l	94
31) Cyclohexane	7.96	56	35565	17.616	ug/l	97
32) 1,1,1-Trichloroethane	7.87	97	31579	20.217	ug/l	99
36) 1,1-Dichloropropene	8.09	75	29614	19.453	ug/l	98
37) Ethyl Acetate	7.26	43	13146	21.554	ug/l	96
38) Carbon Tetrachloride	8.07	117	28655	20.565	ug/l	99

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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	34296	17.767	ug/l	96
40) Benzene	8.32	78	86387	20.921	ug/l	98
41) Methacrylonitrile	7.48	41	7597	19.718	ug/l	92
42) 1,2-Dichloroethane	8.40	62	24022	20.685	ug/l	98
43) Isopropyl Acetate	8.43	43	24372	19.986	ug/l	98
44) Trichloroethene	9.09	130	23124	21.877	ug/l	89
45) 1,2-Dichloropropane	9.37	63	22203	21.686	ug/l	91
46) Dibromomethane	9.46	93	11376	22.625	ug/l	97
47) Bromodichloromethane	9.64	83	27694	21.691	ug/l #	99
48) Methyl methacrylate	9.44	41	11602	20.163	ug/l	92
49) 1,4-Dioxane	9.47	88	4022	497.392	ug/l #	96
51) 4-Methyl-2-Pentanone	10.21	43	63946	108.332	ug/l	100
52) Toluene	10.39	92	55456	21.030	ug/l	98
53) t-1,3-Dichloropropene	10.61	75	27067	20.381	ug/l	95
54) cis-1,3-Dichloropropene	10.07	75	31169	19.792	ug/l	95
55) 1,1,2-Trichloroethane	10.79	97	16180	22.919	ug/l	94
56) Ethyl methacrylate	10.65	69	18599	21.274	ug/l	96
57) 1,3-Dichloropropane	10.93	76	27566	21.351	ug/l	96
58) 2-Chloroethyl Vinyl ether	9.93	63	49407	109.405	ug/l	97
59) 2-Hexanone	10.97	43	42366	106.134	ug/l	97
60) Dibromochloromethane	11.13	129	17897	23.087	ug/l	98
61) 1,2-Dibromoethane	11.24	107	15074	22.503	ug/l	100
64) Tetrachloroethene	10.86	164	18889	21.282	ug/l	97
65) Chlorobenzene	11.66	112	60199	20.835	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	19971	21.251	ug/l	98
67) Ethyl Benzene	11.73	91	104878	19.838	ug/l	97
68) m/p-Xylenes	11.84	106	81361	40.320	ug/l	99
69) o-Xylene	12.17	106	38013	20.342	ug/l	100
70) Styrene	12.18	104	62472	21.344	ug/l	97
71) Bromoform	12.35	173	9942	23.638	ug/l #	94
73) Isopropylbenzene	12.47	105	103519	19.708	ug/l	99
74) N-amyl acetate	12.27	43	23170	19.918	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	18456	21.951	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	13460m	22.068	ug/l	
77) Bromobenzene	12.75	156	23821	21.462	ug/l	92
78) n-propylbenzene	12.80	91	126028	19.581	ug/l	98
79) 2-Chlorotoluene	12.90	91	72286	20.131	ug/l	98
80) 1,3,5-Trimethylbenzene	12.94	105	87752	20.329	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	5436	20.755	ug/l	99
82) 4-Chlorotoluene	12.99	91	76107	20.125	ug/l	96
83) tert-Butylbenzene	13.21	119	76335	19.989	ug/l	97
84) 1,2,4-Trimethylbenzene	13.26	105	91064	20.455	ug/l	99
85) sec-Butylbenzene	13.39	105	106834	19.098	ug/l	98
86) p-Isopropyltoluene	13.51	119	93532	19.363	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	46900	20.831	ug/l	97
88) 1,4-Dichlorobenzene	13.58	146	48004	21.251	ug/l	99
89) n-Butylbenzene	13.83	91	90844	19.201	ug/l	99
90) Hexachloroethane	14.10	117	17304	21.208	ug/l	94
91) 1,2-Dichlorobenzene	13.87	146	44131	22.303	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	3224	23.827	ug/l	97

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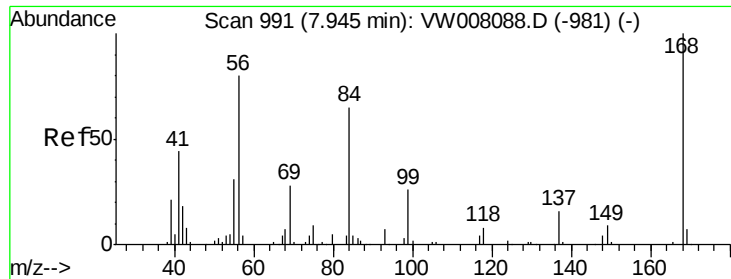
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Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	27536	20.961	ug/l	100
94) Hexachlorobutadiene	15.24	225	15371	21.861	ug/l	98
95) Naphthalene	15.38	128	50981	20.784	ug/l	99
96) 1,2,3-Trichlorobenzene	15.56	180	25122	22.433	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW008266.D

Acq: 15 Jan 2019 01:50

Instrument :

MSVOA_W

ClientSampleId :

VW0114SBSD02

Tot Ion:168 Resp: 85358

Ion Ratio Lower Upper

168 100

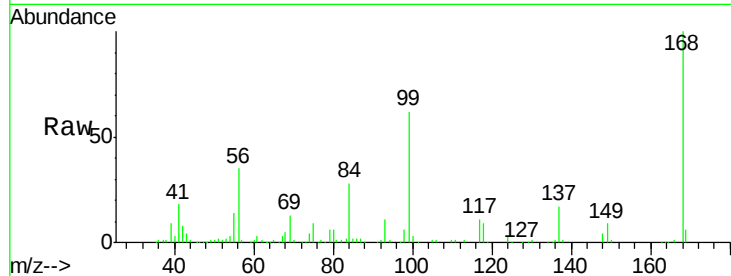
99 62.4 52.6 78.8

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

40000

30000

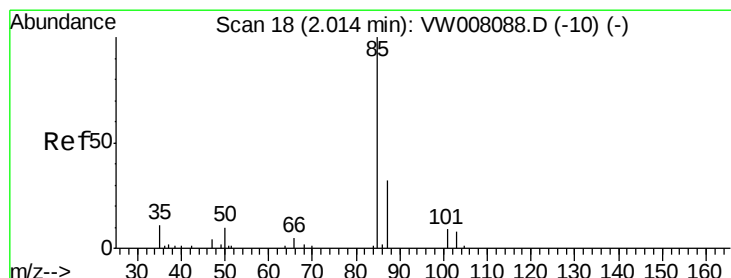
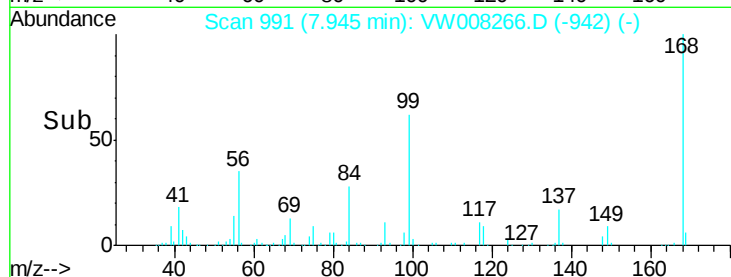
20000

10000

0

7.85 7.90 7.95 8.00 8.05

Time-->



#2

Dichlorodifluoromethane

Concen: 17.041 ug/l

RT: 2.01 min Scan# 18

Delta R.T. -0.00 min

Lab File: VW008266.D

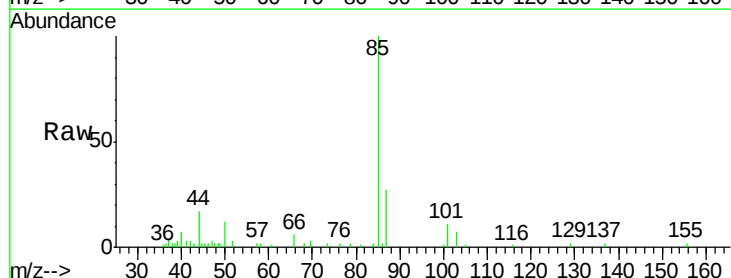
Acq: 15 Jan 2019 01:50

Tgt Ion: 85 Resp: 11871

Ion Ratio Lower Upper

85 100

87 26.7 16.1 48.3



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

4000

3000

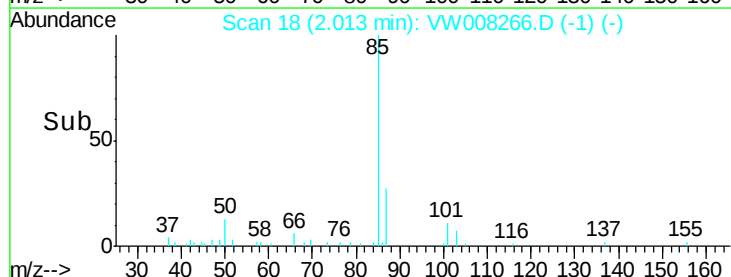
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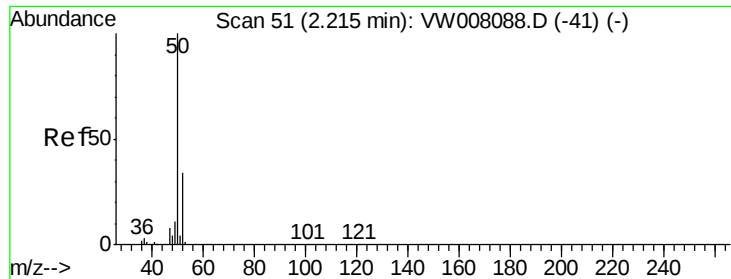
1000

0

1.90 2.00 2.10

Time-->





#3

Chloromethane

Concen: 18.106 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.00 min

Lab File: VW008266.D

Acq: 15 Jan 2019 01:50

Instrument :

MSVOA_W

ClientSampleId :

VW0114SBSD02

Tot Ion: 50 Resp: 16364

Ion Ratio Lower Upper

50 100

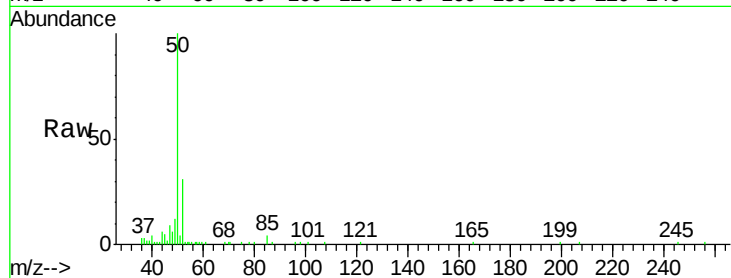
52 30.2 26.8 40.2

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Abundance Ion 49.90 (49.60 to 50.60): VW

Ion 51.90 (51.60 to 52.60): VW

2.21

10000

8000

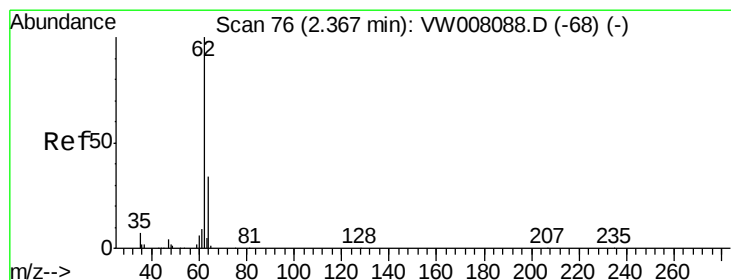
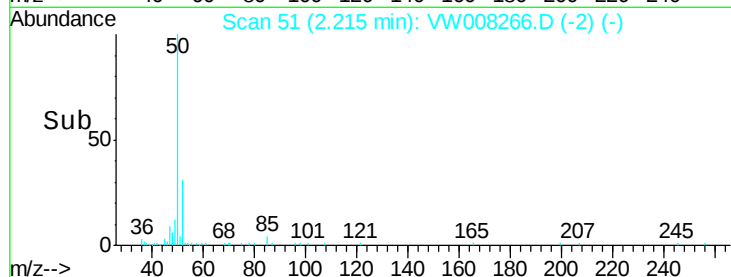
6000

4000

2000

0

Time-->



#4

Vinyl Chloride

Concen: 18.884 ug/l

RT: 2.37 min Scan# 76

Delta R.T. -0.00 min

Lab File: VW008266.D

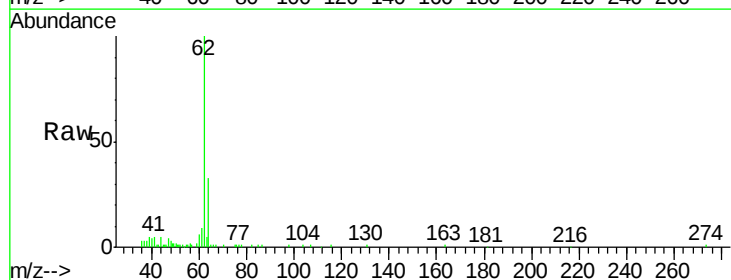
Acq: 15 Jan 2019 01:50

Tgt Ion: 62 Resp: 22275

Ion Ratio Lower Upper

62 100

64 32.7 27.0 40.6



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 63.90 (63.60 to 64.60): VW

2.37

12000

10000

8000

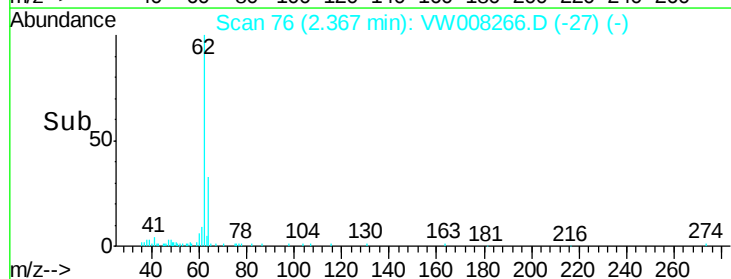
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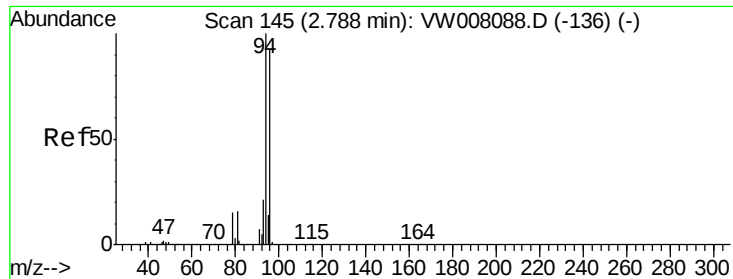
4000

2000

0

Time-->





#5

Bromomethane

Concen: 23.447 ug/l

RT: 2.78 min Scan# 144

Delta R.T. -0.01 min

Lab File: VW008266.D

Acq: 15 Jan 2019 01:50

Instrument :

MSVOA_W

ClientSampleId :

VW0114SBSD02

Tot Ion: 94 Resp: 20718

Ion Ratio Lower Upper

94 100

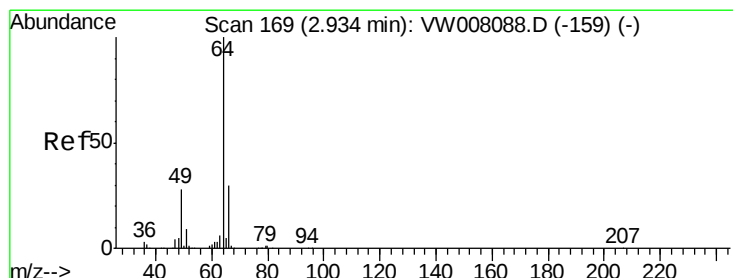
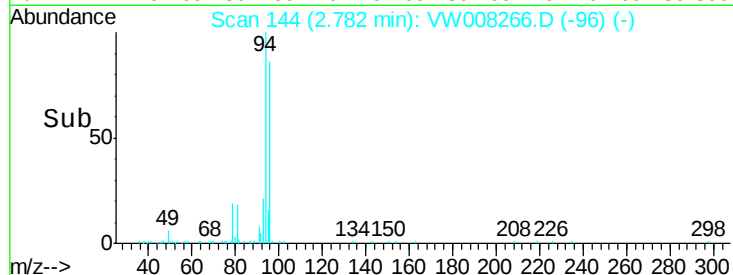
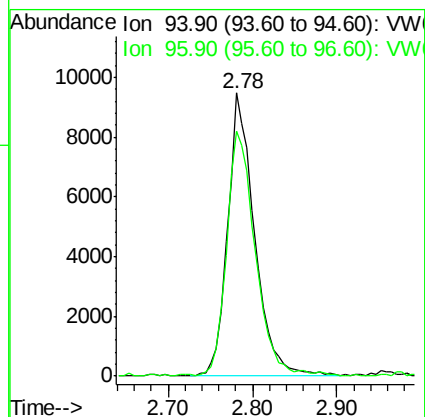
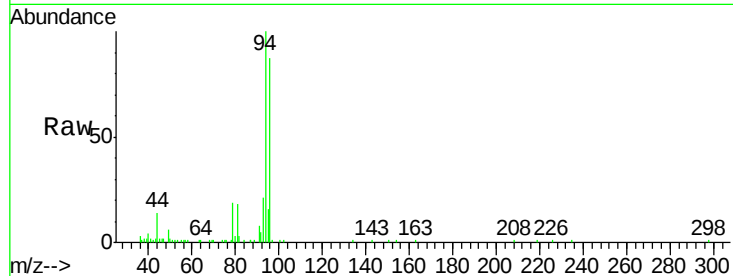
96 86.7 74.1 111.1

Manual Integrations

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#6

Chloroethane

Concen: 18.496 ug/l

RT: 2.93 min Scan# 168

Delta R.T. -0.01 min

Lab File: VW008266.D

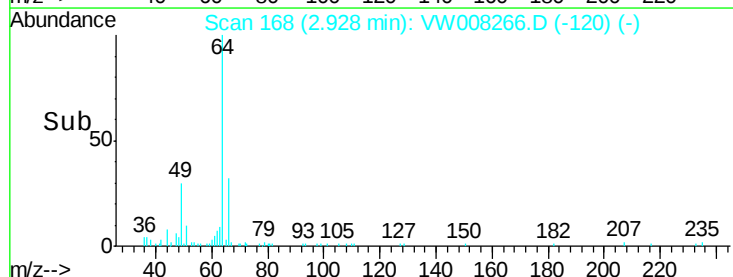
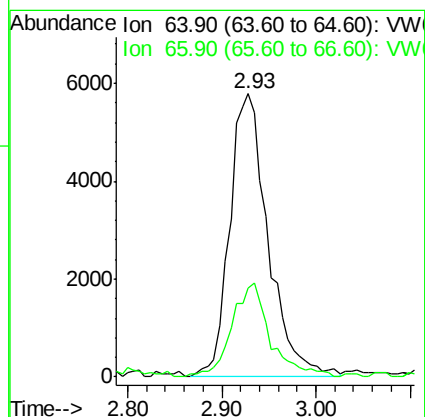
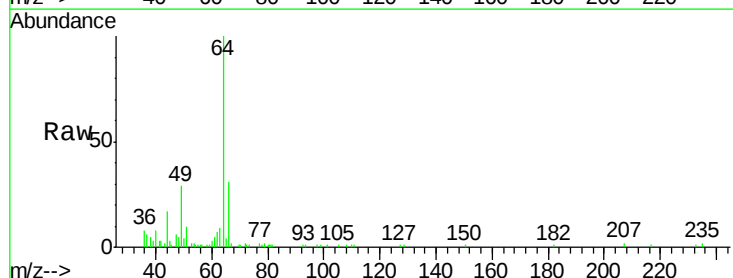
Acq: 15 Jan 2019 01:50

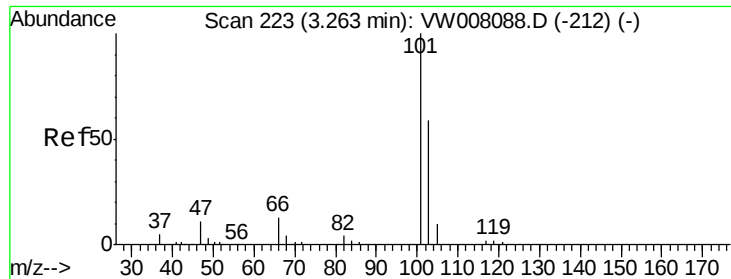
Tgt Ion: 64 Resp: 16417

Ion Ratio Lower Upper

64 100

66 31.2 24.2 36.2





#7

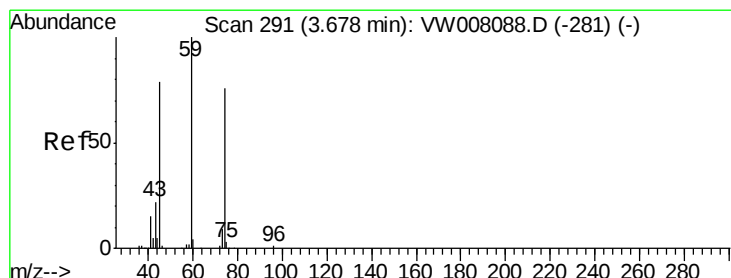
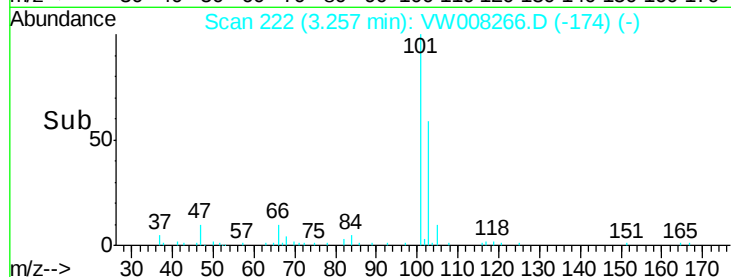
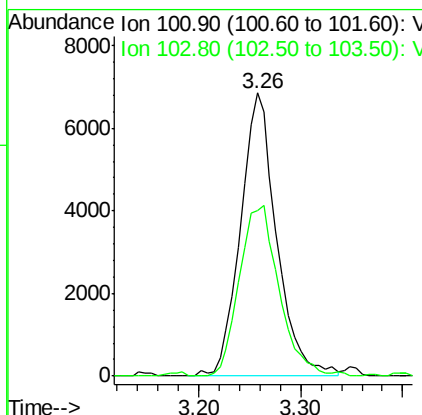
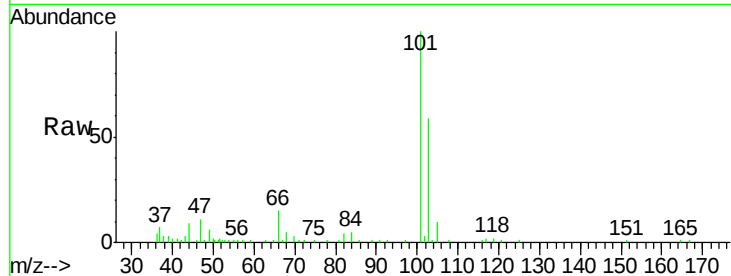
Trichlorofluoromethane
 Concen: 17.586 ug/l
 RT: 3.26 min Scan# 222
 Delta R.T. -0.01 min
 Lab File: VW008266.D
 Acq: 15 Jan 2019 01:50

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 VW0114SBSD02

Tot Ion	Ratio	Lower	Upper
101	100		
103	58.7	47.0	70.6

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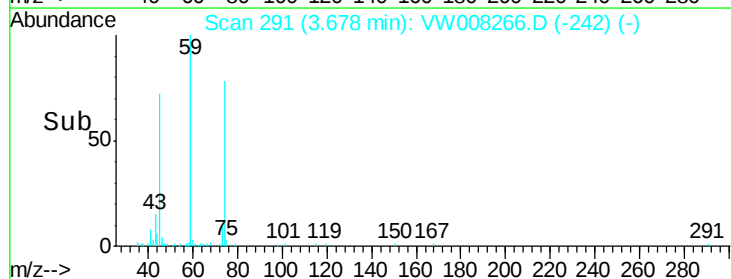
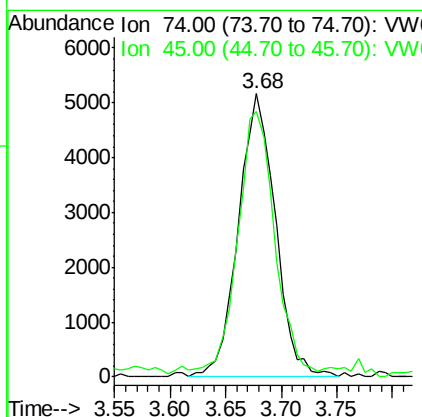
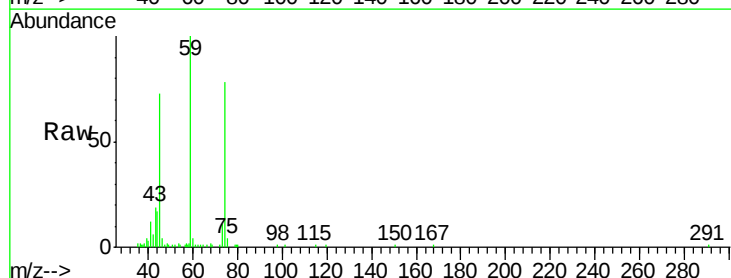
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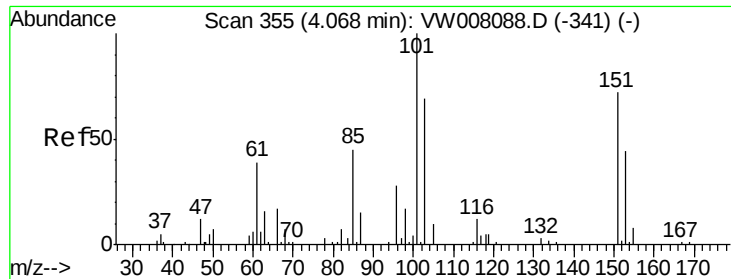


#8

Diethyl Ether
 Concen: 22.015 ug/l
 RT: 3.68 min Scan# 291
 Delta R.T. -0.00 min
 Lab File: VW008266.D
 Acq: 15 Jan 2019 01:50

Tgt Ion	Ratio	Lower	Upper
74	100		
45	89.9	52.4	157.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.273 ug/l

RT: 4.06 min Scan# 354

Delta R.T. -0.01 min

Lab File: VW008266.D

Acq: 15 Jan 2019 01:50

Instrument :

MSVOA_W

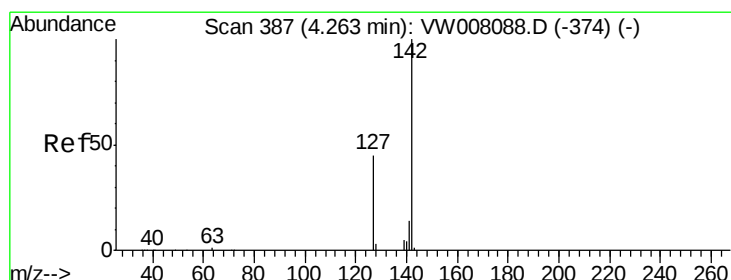
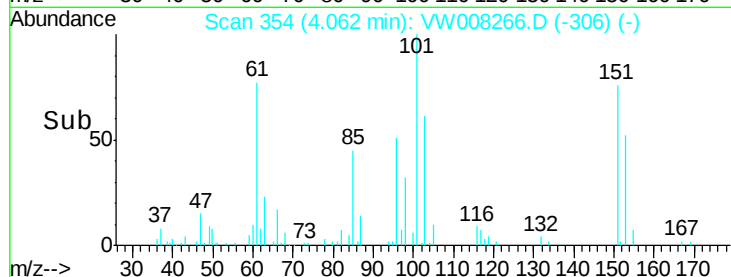
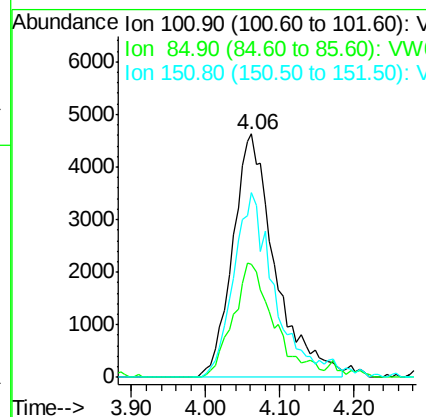
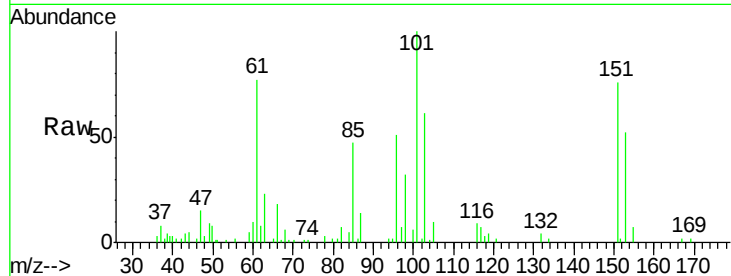
ClientSampleId :

VW0114SBSD02

Tot Ion:	101	Resp:	18350
Ion Ratio	Lower	Upper	
101	100		
85	45.6	35.9	53.9
151	72.2	55.8	83.8

Manual Integrations
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#10

Methyl Iodide

Concen: 20.531 ug/l

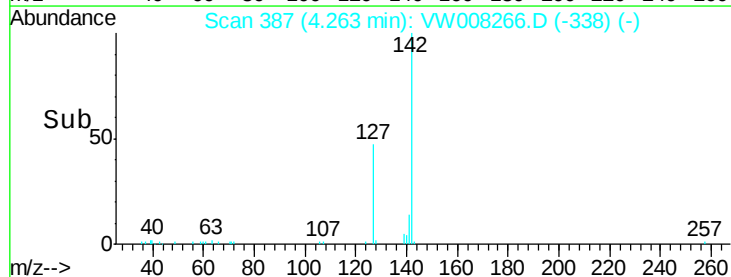
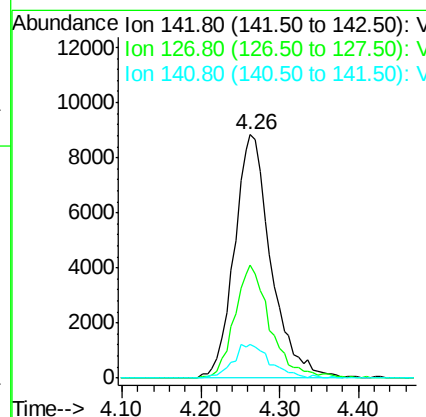
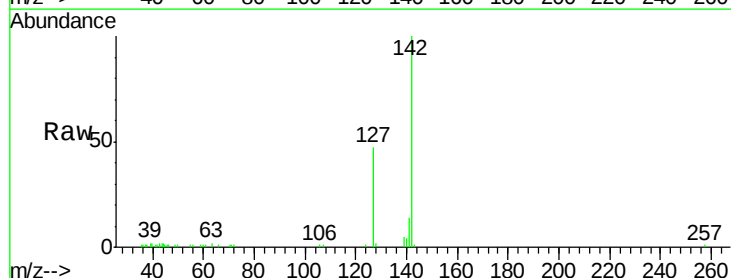
RT: 4.26 min Scan# 387

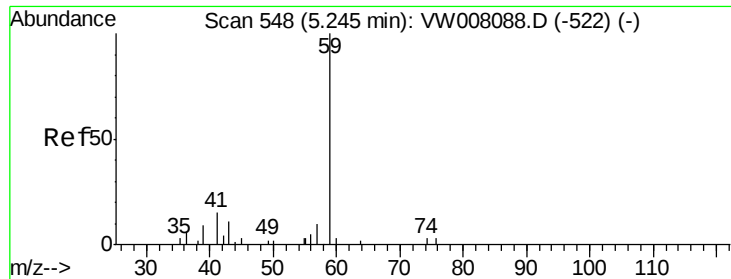
Delta R.T. -0.00 min

Lab File: VW008266.D

Acq: 15 Jan 2019 01:50

Tgt Ion:	142	Resp:	28489
Ion Ratio	Lower	Upper	
142	100		
127	45.3	35.0	52.4
141	14.0	11.8	17.6





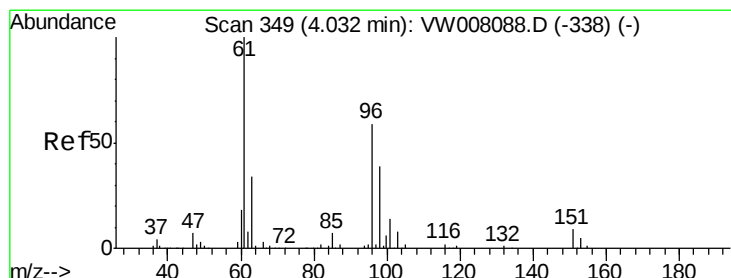
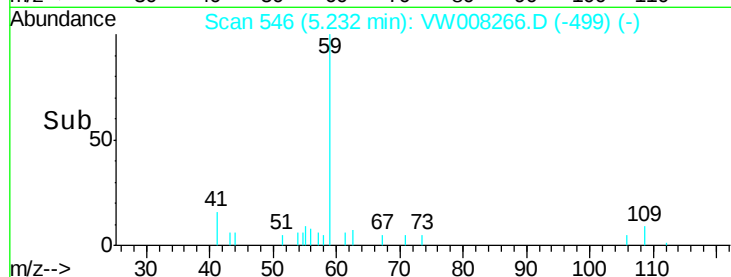
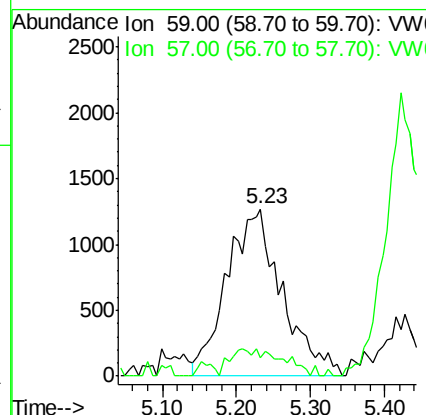
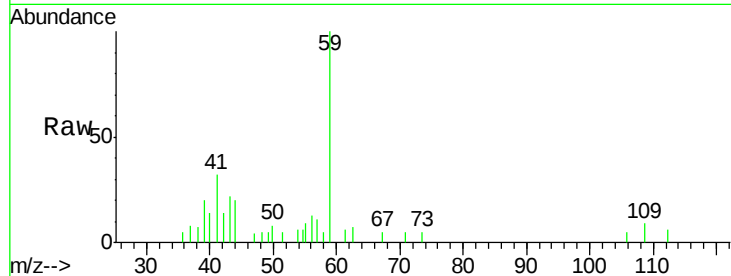
#11
Tert butyl alcohol
Concen: 94.915 ug/l
RT: 5.23 min Scan# 546
Delta R.T. -0.01 min
Lab File: VW008266.D
Acq: 15 Jan 2019 01:50

Instrument :
MSVOA_W
ClientSampled :
VW0114SBSD02

Tot Ion	Ratio	Resp	Lower	Upper
59	100	6570		
57	0.0	0.0	0.0	0.0

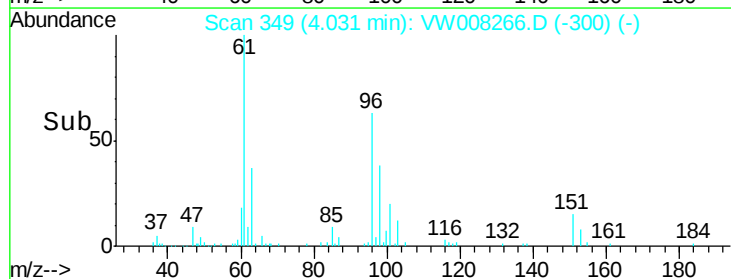
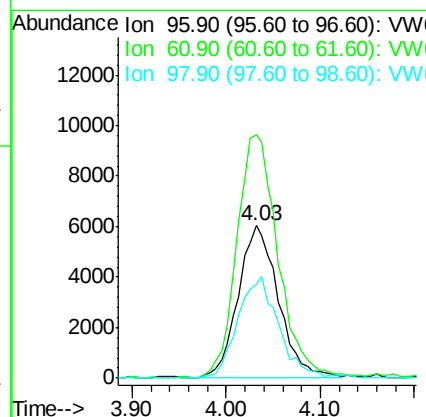
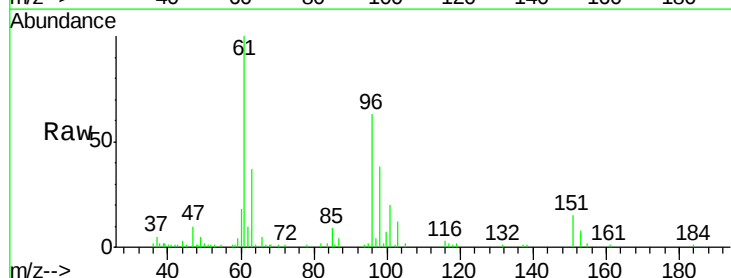
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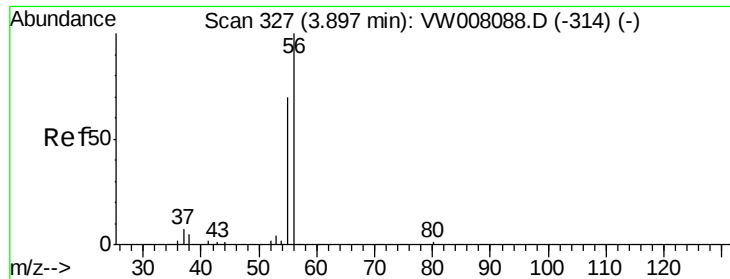
apatel
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#12
1,1-Dichloroethene
Concen: 19.338 ug/l
RT: 4.03 min Scan# 349
Delta R.T. -0.00 min
Lab File: VW008266.D
Acq: 15 Jan 2019 01:50

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	18076		
61	159.5	135.4	203.2	
98	61.3	52.5	78.7	





#13

Acrolein

Concen: 72.903 ug/l

RT: 3.89 min Scan# 326

Delta R.T. -0.01 min

Lab File: VW008266.D

Acq: 15 Jan 2019 01:50

Instrument :

MSVOA_W

ClientSampleId :

VW0114SBSD02

Tot Ion: 56 Resp: 4724

Ion Ratio Lower Upper

56 100

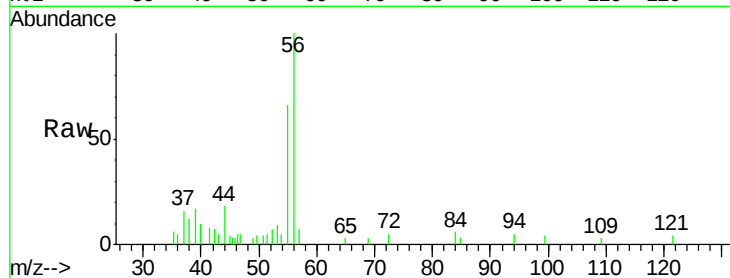
55 72.0 56.6 84.8

Manual Integrations

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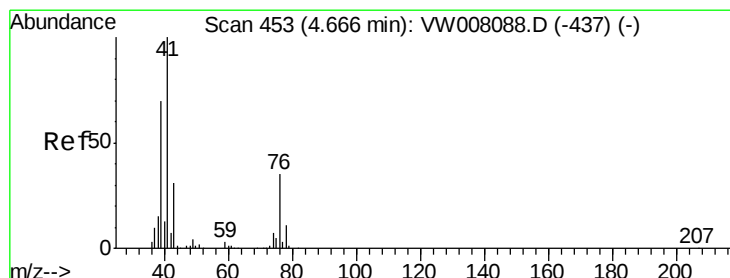
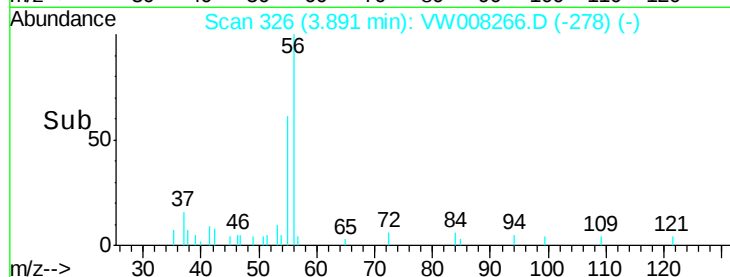
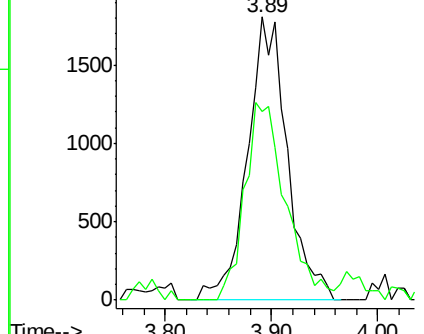
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Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 55.00 (54.70 to 55.70): VW



#14

Allyl chloride

Concen: 18.166 ug/l

RT: 4.66 min Scan# 452

Delta R.T. -0.01 min

Lab File: VW008266.D

Acq: 15 Jan 2019 01:50

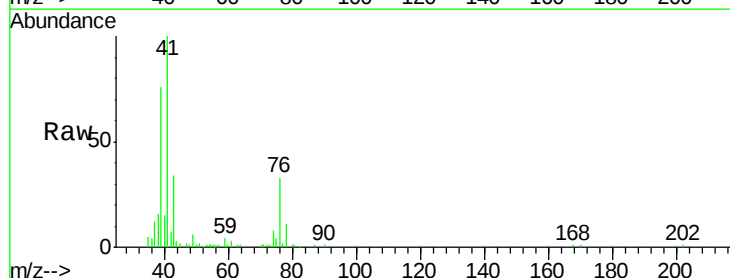
Tgt Ion: 41 Resp: 30830

Ion Ratio Lower Upper

41 100

39 67.6 53.8 80.8

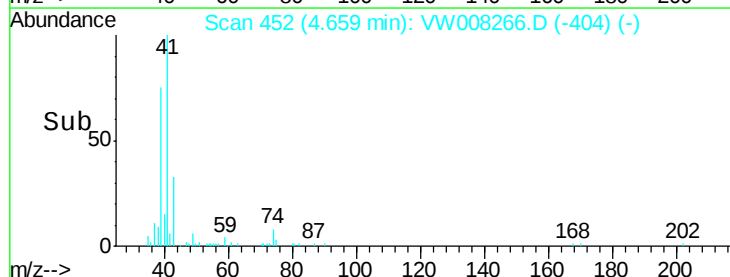
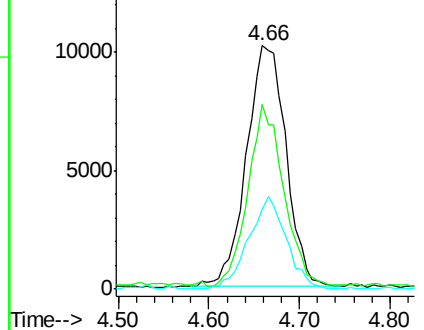
76 36.4 27.6 41.4

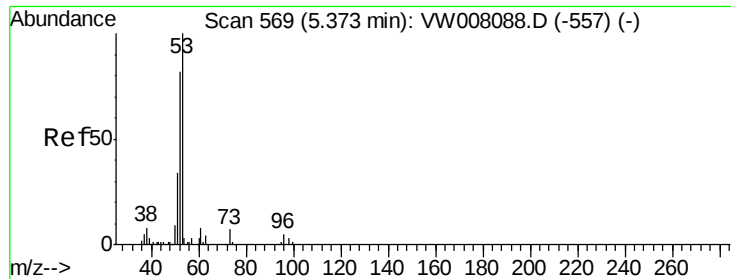


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

Ion 75.90 (75.60 to 76.60): VW





#15

Acrylonitrile

Concen: 111.330 ug/l

RT: 5.37 min Scan# 569

Delta R.T. -0.00 min

Lab File: VW008266.D

Acq: 15 Jan 2019 01:50

Instrument :

MSVOA_W

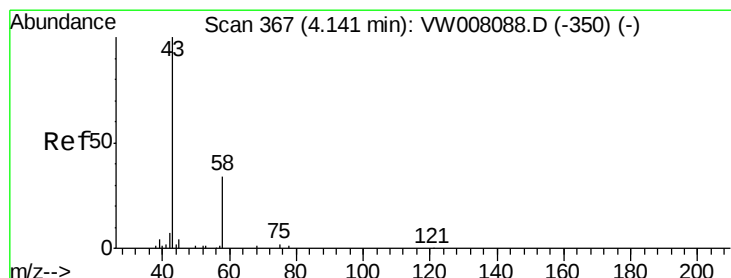
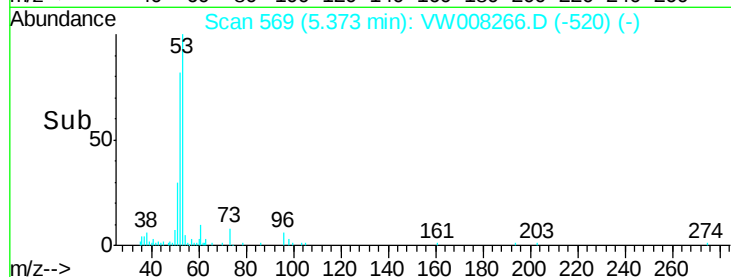
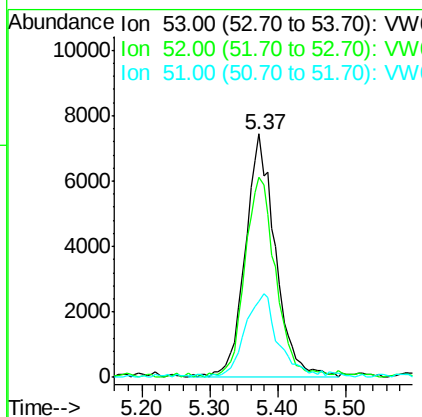
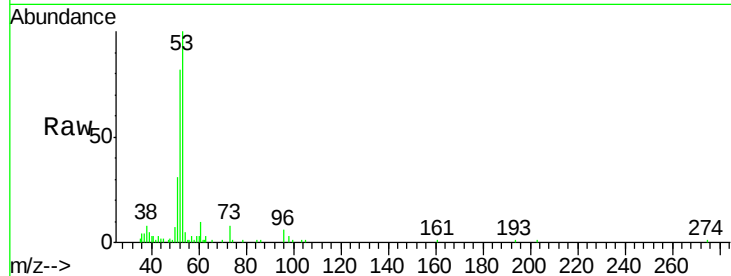
ClientSampleId :

VW0114SBSD02

Tot Ion:	53	Resp:	22978
Ion	Ratio	Lower	Upper
53	100		
52	84.2	66.8	100.2
51	37.5	29.7	44.5

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#16

Acetone

Concen: 90.412 ug/l

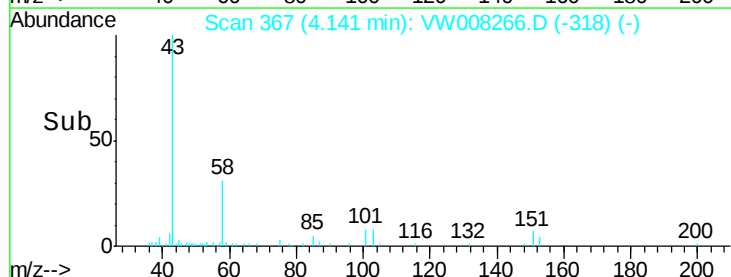
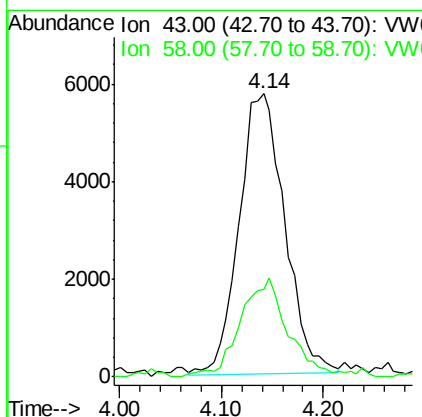
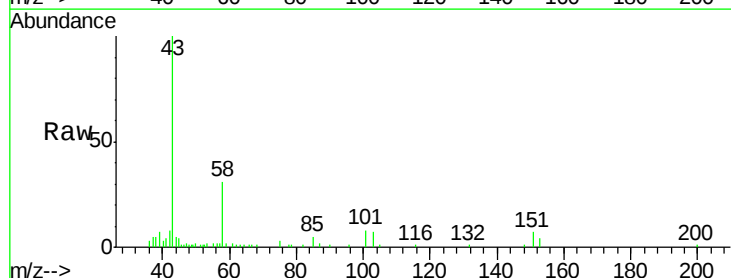
RT: 4.14 min Scan# 367

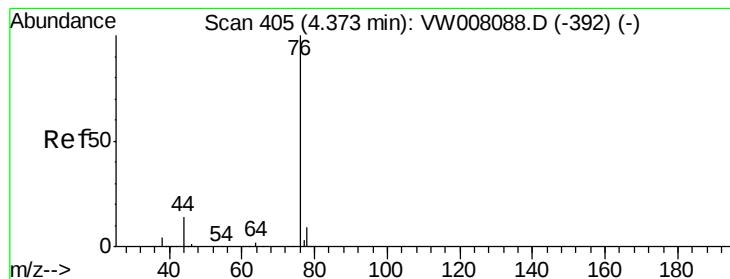
Delta R.T. 0.00 min

Lab File: VW008266.D

Acq: 15 Jan 2019 01:50

Tgt Ion:	43	Resp:	17919
Ion	Ratio	Lower	Upper
43	100		
58	30.1	27.5	41.3





#17

Carbon Disulfide

Concen: 18.784 ug/l

RT: 4.38 min Scan# 406

Delta R.T. 0.01 min

Lab File: VW008266.D

Acq: 15 Jan 2019 01:50

Instrument :

MSVOA_W

ClientSampleId :

VW0114SBSD02

Tot Ion: 76 Resp: 54852

Ion Ratio Lower Upper

76 100

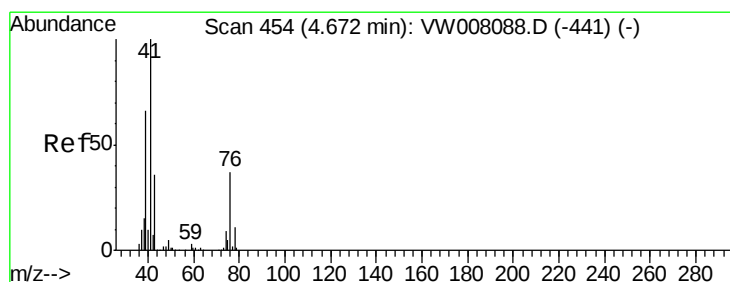
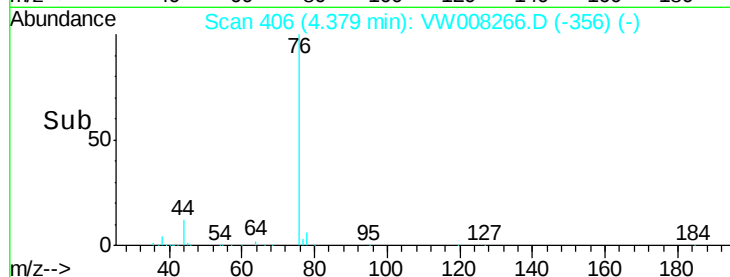
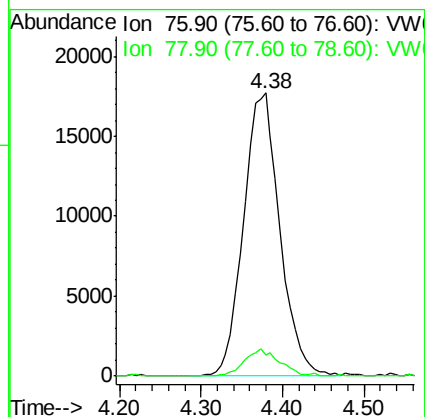
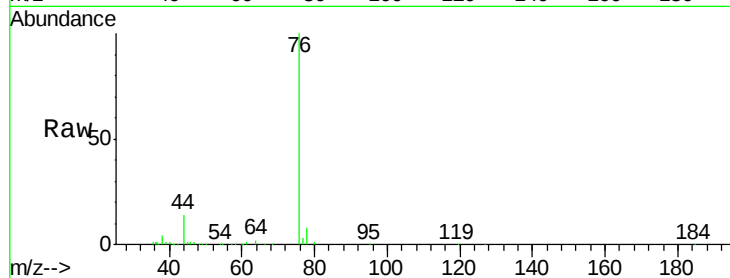
78 7.6 7.0 10.6

Manual Integrations

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#18

Methyl Acetate

Concen: 21.874 ug/l

RT: 4.67 min Scan# 454

Delta R.T. -0.00 min

Lab File: VW008266.D

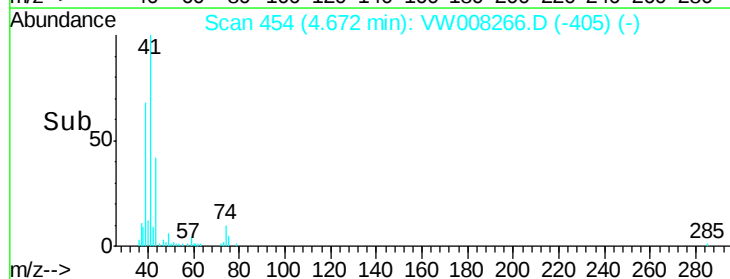
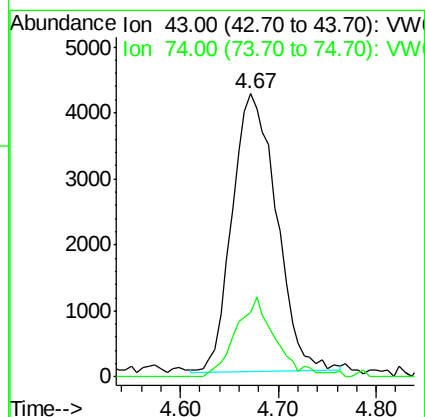
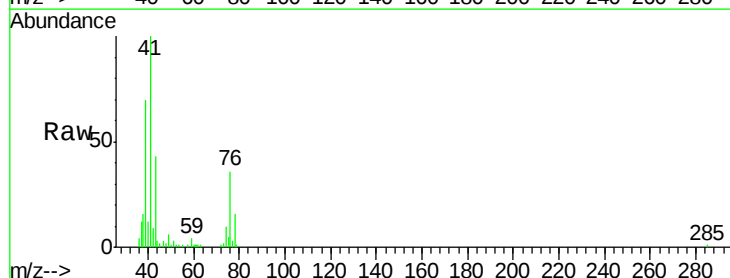
Acq: 15 Jan 2019 01:50

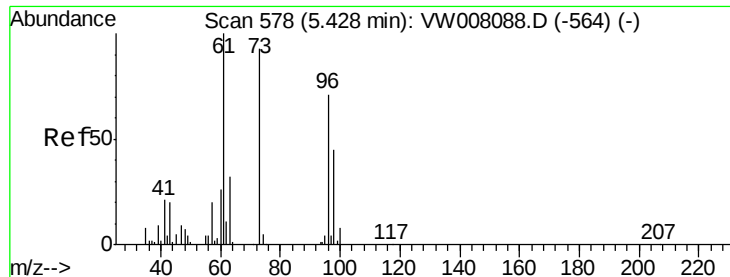
Tgt Ion: 43 Resp: 13263

Ion Ratio Lower Upper

43 100

74 25.1 19.0 28.4





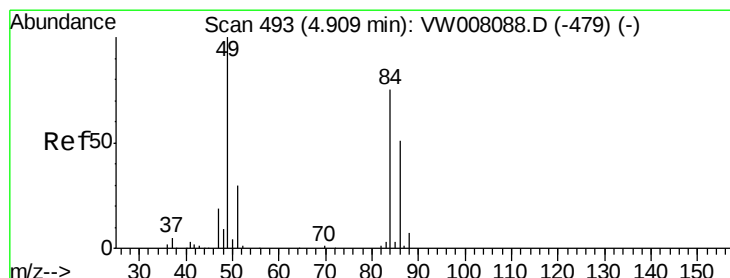
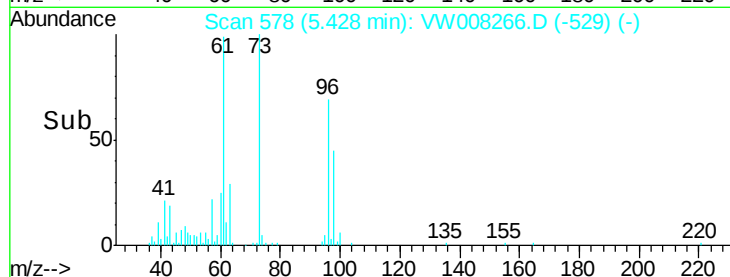
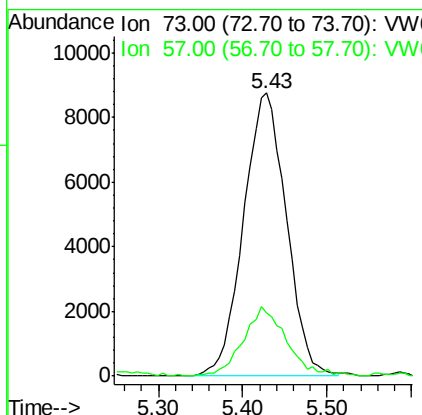
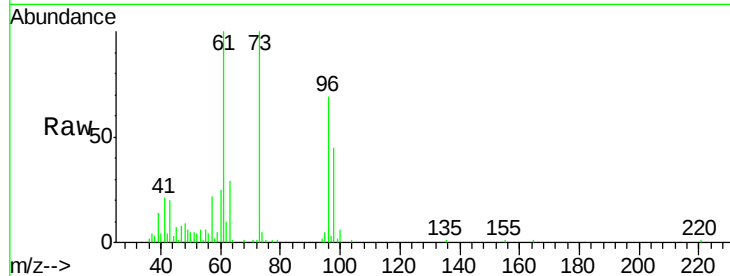
#19
Methvl tert-butvl Ether
Concen: 19.927 ug/l
RT: 5.43 min Scan# 578
Delta R.T. -0.00 min
Lab File: VW008266.D
Acq: 15 Jan 2019 01:50

Instrument :
MSVOA_W
ClientSampleId :
VW0114SBSD02

Tot Ion: 73 Resp: 30282
Ion Ratio Lower Upper
73 100
57 21.2 16.7 25.1

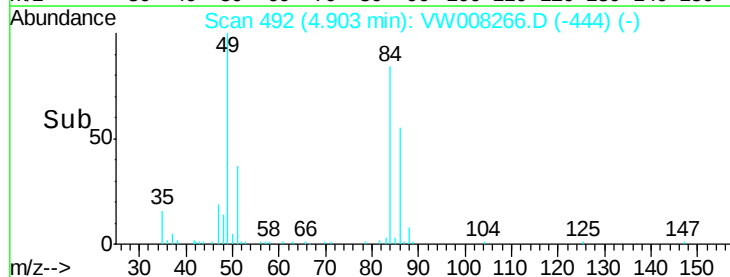
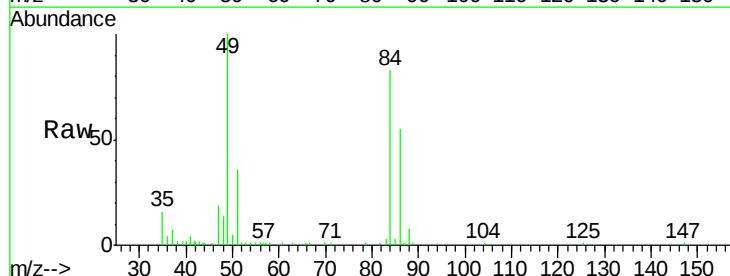
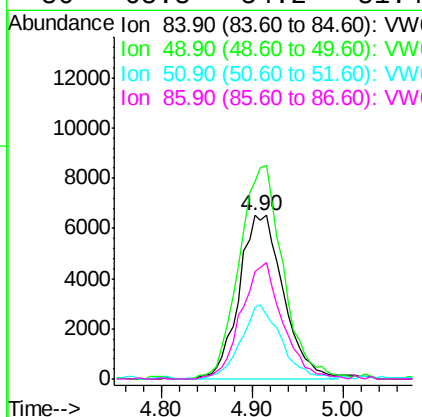
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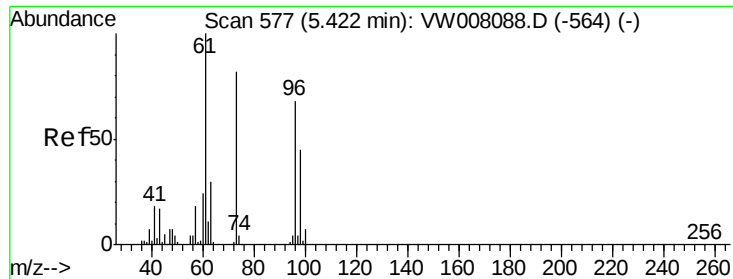
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#20
Methylene Chloride
Concen: 20.629 ug/l
RT: 4.90 min Scan# 492
Delta R.T. -0.01 min
Lab File: VW008266.D
Acq: 15 Jan 2019 01:50

Tgt Ion: 84 Resp: 22153
Ion Ratio Lower Upper
84 100
49 120.4 107.1 160.7
51 42.8 32.4 48.6
86 65.8 54.2 81.4





#21

trans-1,2-Dichloroethene

Concen: 20.750 ug/l

RT: 5.42 min Scan# 577

Delta R.T. -0.00 min

Lab File: VW008266.D

Acq: 15 Jan 2019 01:50

Instrument :

MSVOA_W

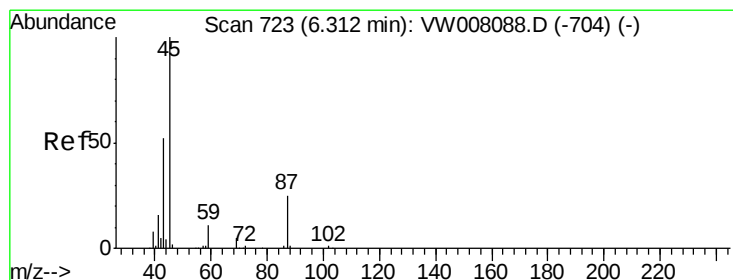
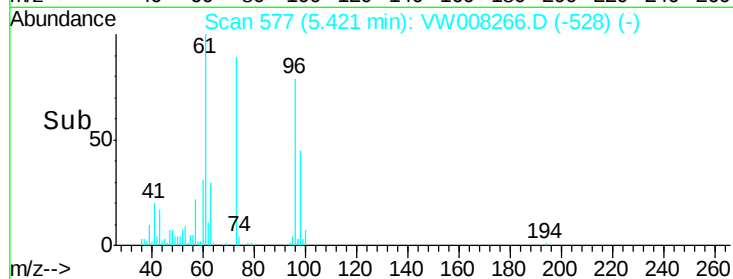
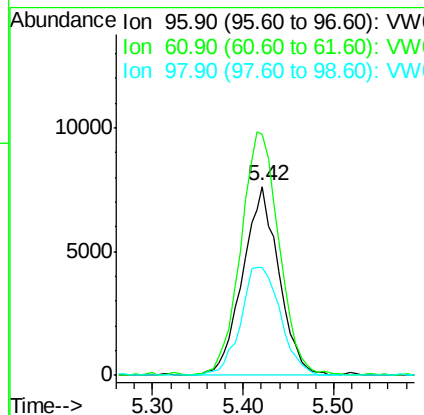
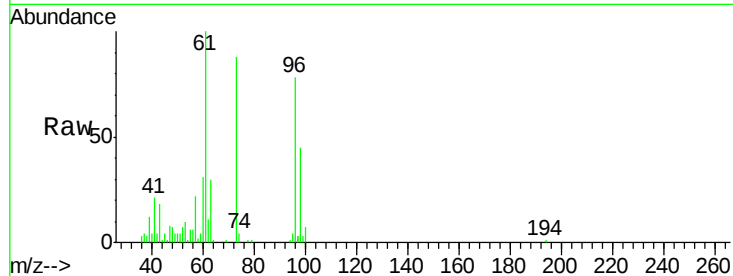
ClientSampleId :

VW0114SBSD02

Tot Ion:	96	Resp:	21078
Ion	Ratio	Lower	Upper
96	100		
61	127.7	117.4	176.0
98	57.4	52.2	78.4

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#22

Diisopropyl ether

Concen: 19.367 ug/l

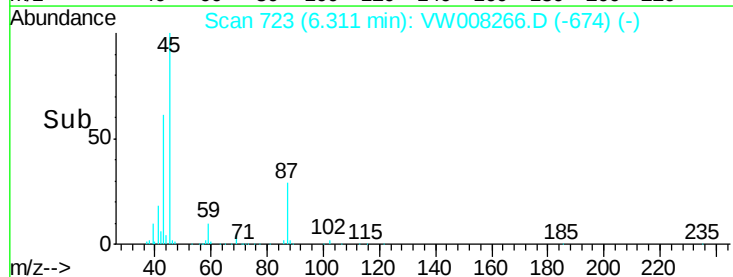
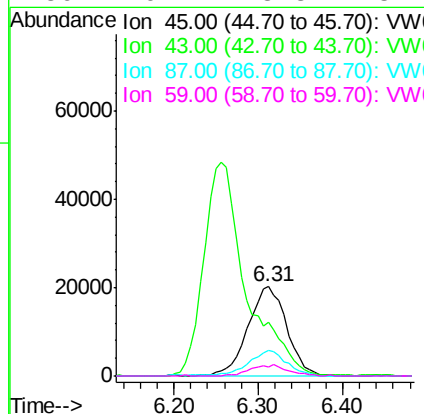
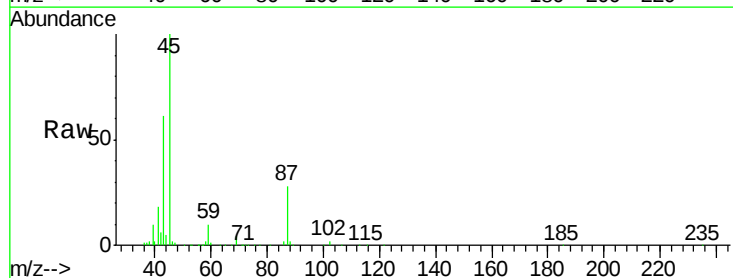
RT: 6.31 min Scan# 723

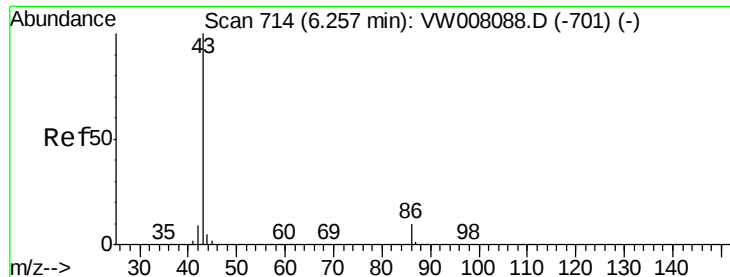
Delta R.T. -0.00 min

Lab File: VW008266.D

Acq: 15 Jan 2019 01:50

Tgt Ion:	45	Resp:	62686
Ion	Ratio	Lower	Upper
45	100		
43	60.4	41.7	62.5
87	28.5	20.1	30.1
59	9.4	8.8	13.2





#23

Vinyl Acetate

Concen: 99.114 ug/l

RT: 6.26 min Scan# 714

Delta R.T. -0.00 min

Lab File: VW008266.D

Acq: 15 Jan 2019 01:50

Instrument :

MSVOA_W

ClientSampled :

VW0114SBSD02

Tot Ion: 43 Resp: 168489

Ion Ratio Lower Upper

43 100

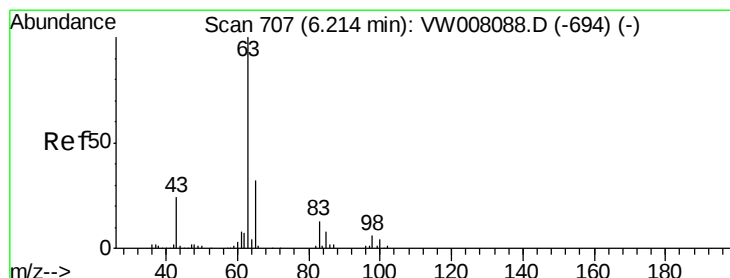
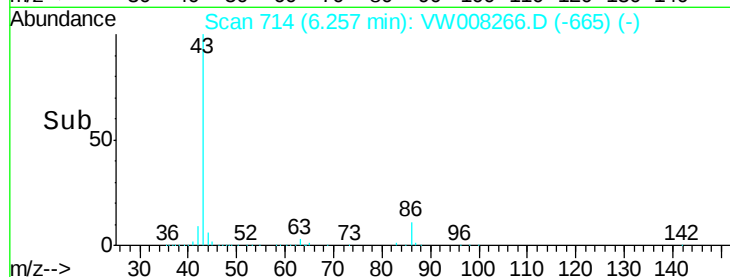
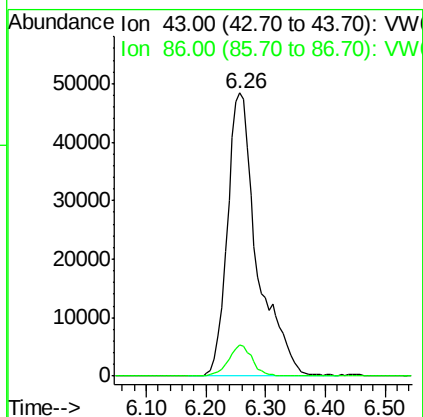
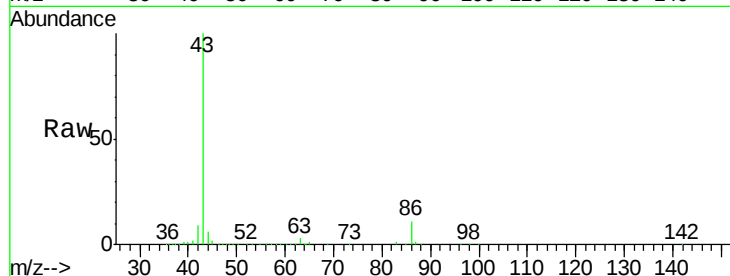
86 10.8 7.7 11.5

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#24

1,1-Dichloroethane

Concen: 20.327 ug/l

RT: 6.21 min Scan# 707

Delta R.T. -0.00 min

Lab File: VW008266.D

Acq: 15 Jan 2019 01:50

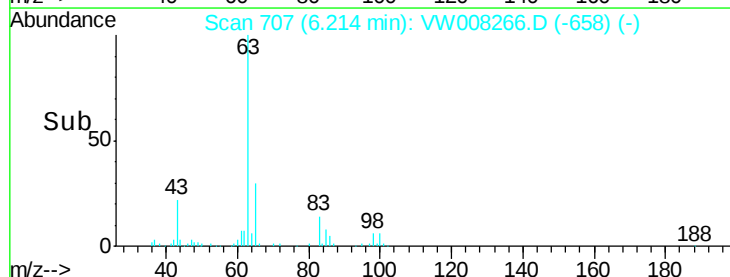
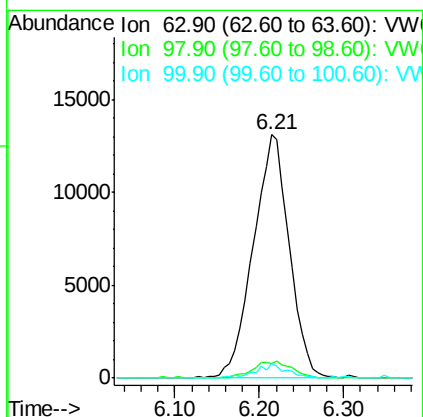
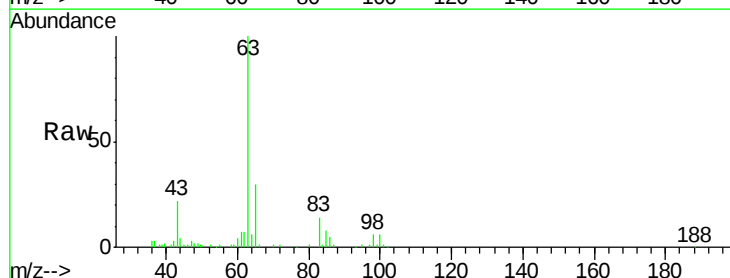
Tgt Ion: 63 Resp: 38335

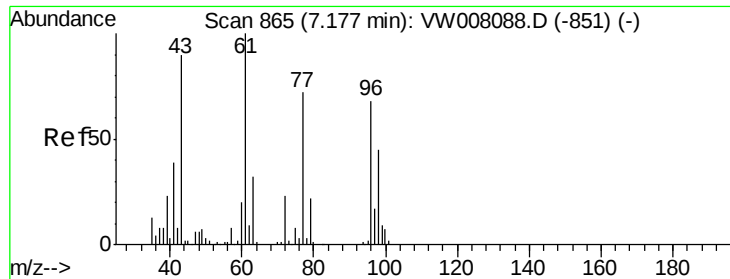
Ion Ratio Lower Upper

63 100

98 5.9 3.2 9.6

100 5.8 2.0 6.0





#25

2-Butanone

Concen: 100.355 ug/l

RT: 7.18 min Scan# 866

Delta R.T. 0.01 min

Lab File: VW008266.D

Acq: 15 Jan 2019 01:50

Instrument :

MSVOA_W

ClientSampleId :

VW0114SBSD02

Tot Ion: 43 Resp: 26787

Ion Ratio Lower Upper

43 100

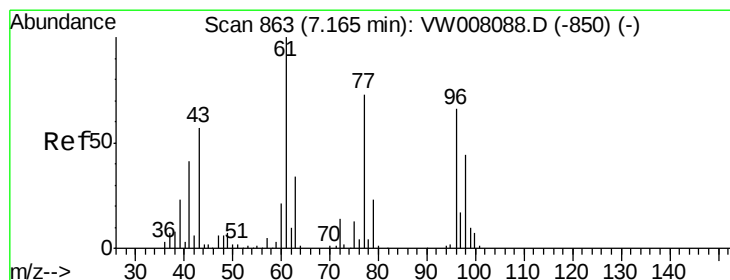
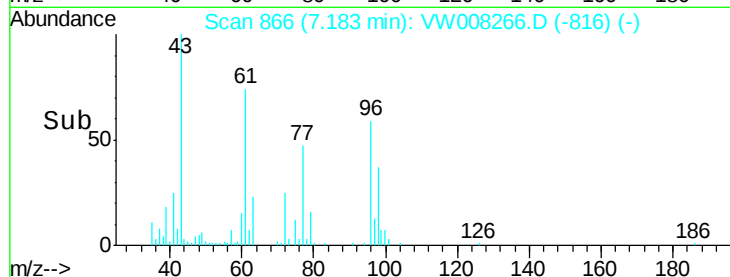
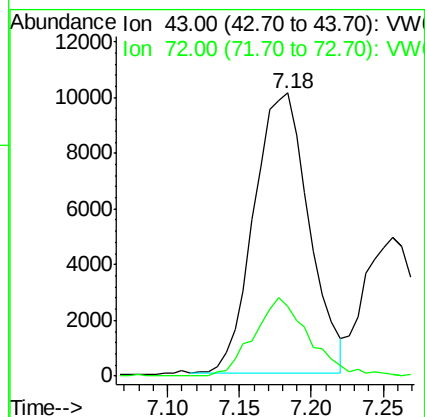
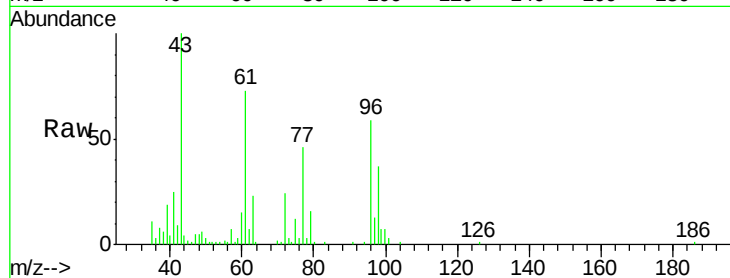
72 24.7 20.5 30.7

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#26

2,2-Dichloropropane

Concen: 17.887 ug/l

RT: 7.16 min Scan# 863

Delta R.T. -0.00 min

Lab File: VW008266.D

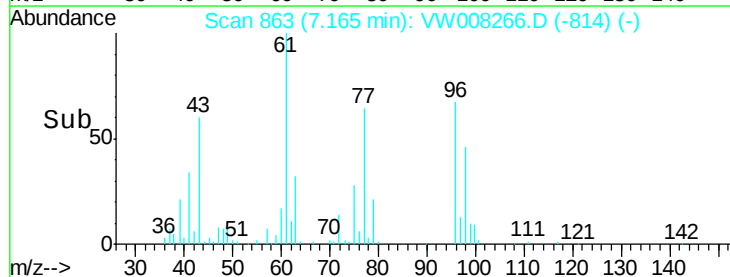
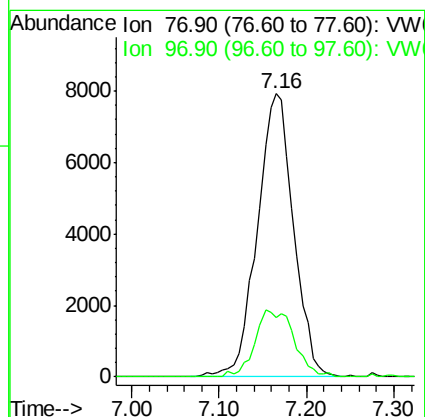
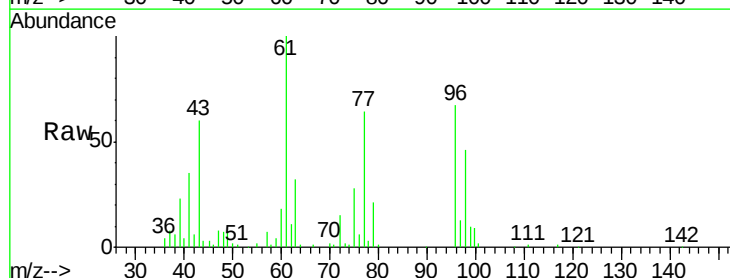
Acq: 15 Jan 2019 01:50

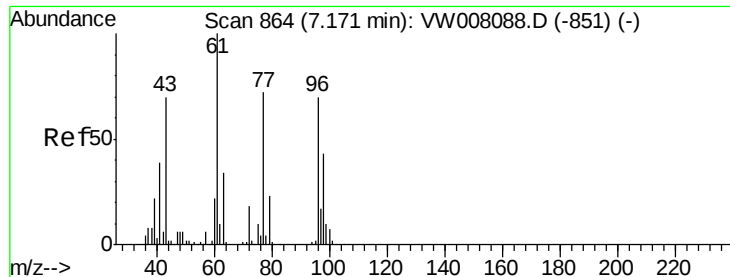
Tgt Ion: 77 Resp: 22857

Ion Ratio Lower Upper

77 100

97 25.6 11.4 34.1





#27

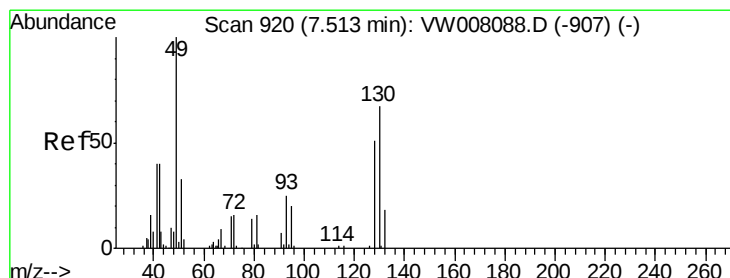
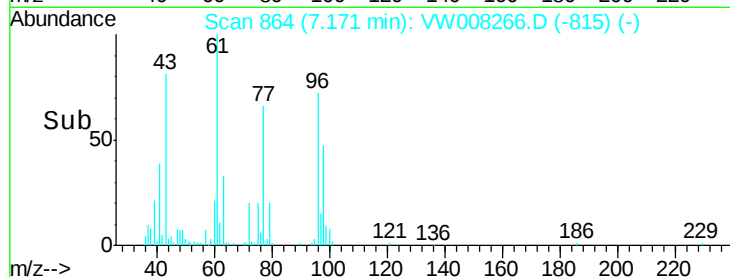
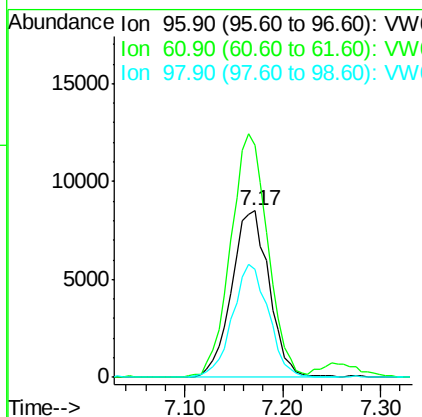
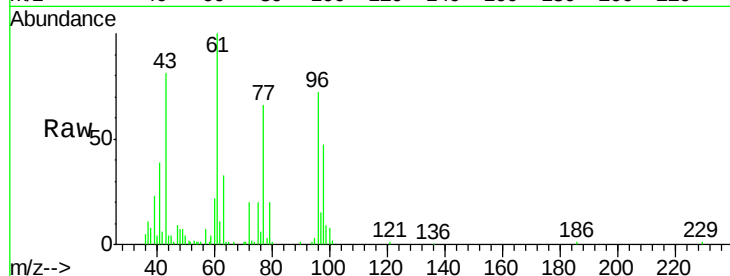
cis-1,2-Dichloroethene
Concen: 20.445 ug/l
RT: 7.17 min Scan# 864
Delta R.T. -0.00 min
Lab File: VW008266.D
Acq: 15 Jan 2019 01:50

Instrument :
MSVOA_W
ClientSampleId :
VW0114SBSD02

Tot Ion	Ratio	Lower	Upper
96	100		
61	144.7	0.0	300.4
98	65.2	0.0	128.4

Manual Integrations
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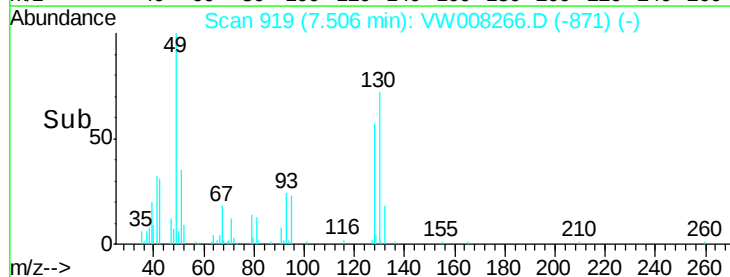
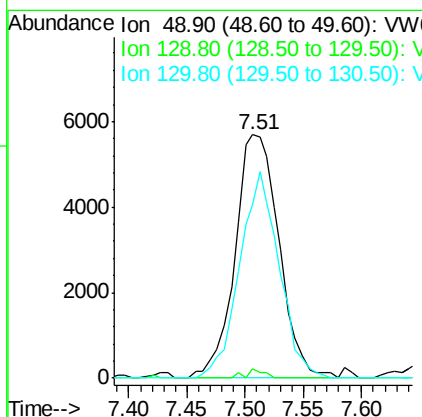
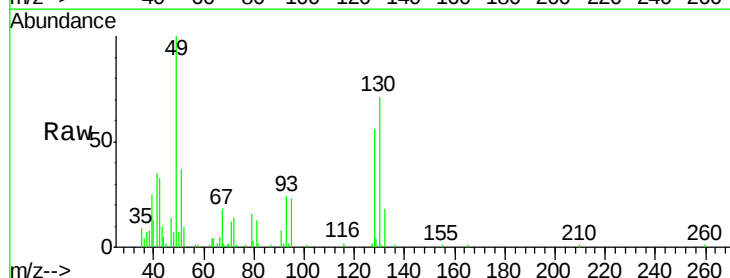
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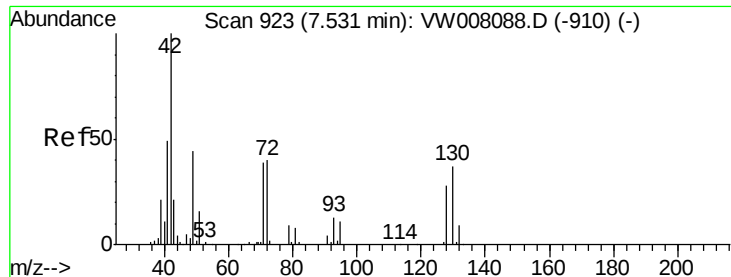


#28

Bromochloromethane
Concen: 20.087 ug/l
RT: 7.51 min Scan# 919
Delta R.T. -0.01 min
Lab File: VW008266.D
Acq: 15 Jan 2019 01:50

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.5	0.0	2.8
130	76.1	54.3	81.5





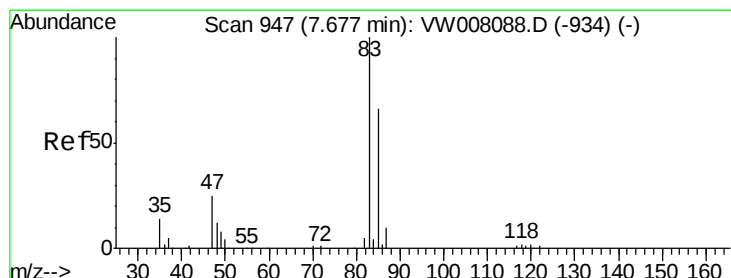
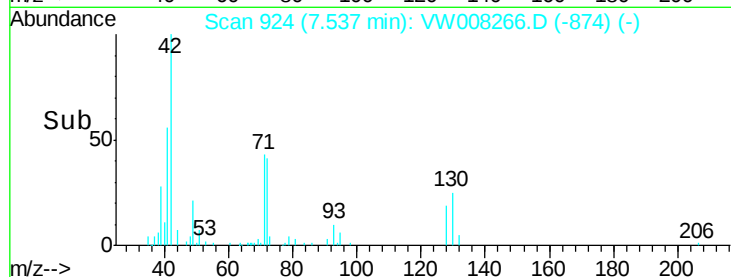
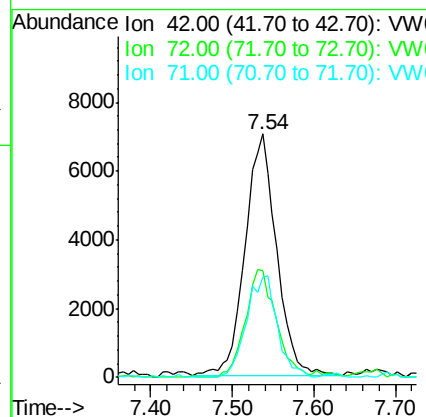
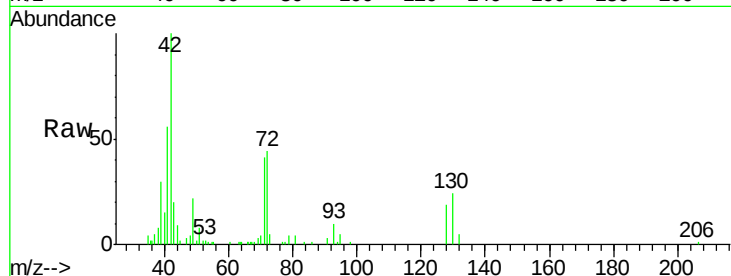
#29
Tetrahydrofuran
Concen: 105.093 ug/l
RT: 7.54 min Scan# 924
Delta R.T. 0.01 min
Lab File: VW008266.D
Acq: 15 Jan 2019 01:50

Instrument :
MSVOA_W
ClientSampleId :
VW0114SBS02

Tot Ion	Ratio	Lower	Upper
42	100		
72	43.9	32.4	48.6
71	41.2	31.3	46.9

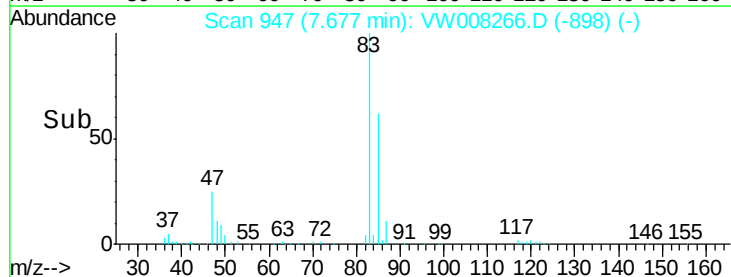
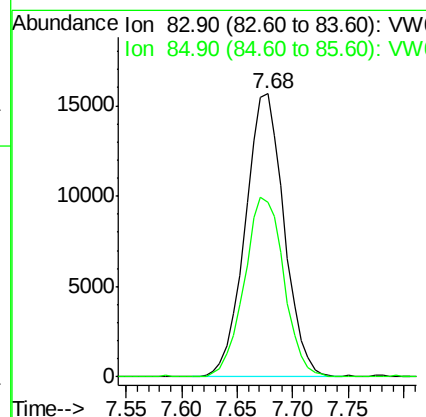
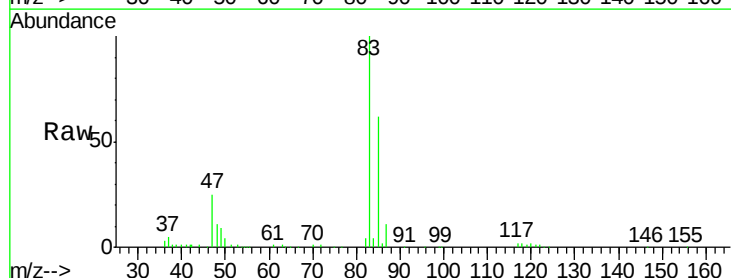
Manual Integrations
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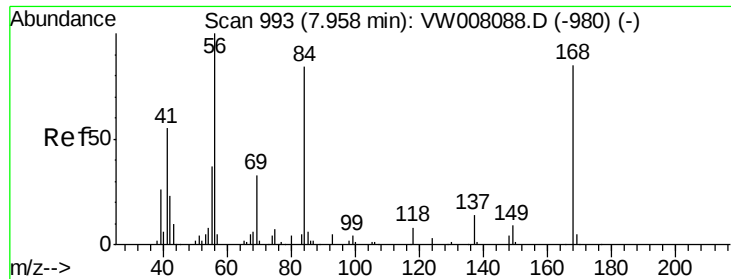
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#30
Chloroform
Concen: 21.196 ug/l
RT: 7.68 min Scan# 947
Delta R.T. -0.00 min
Lab File: VW008266.D
Acq: 15 Jan 2019 01:50

Tgt Ion	Ratio	Lower	Upper
83	100		
85	61.9	53.2	79.8





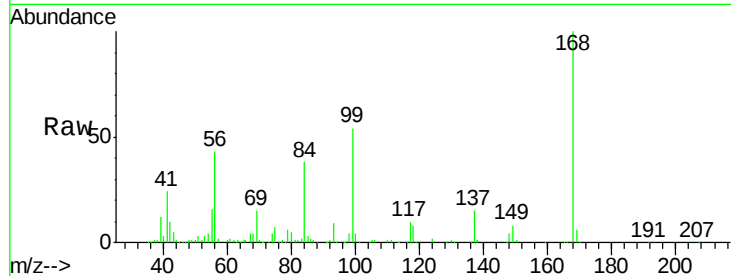
#31
Cyclohexane
Concen: 17.616 ug/l
RT: 7.96 min Scan# 993
Delta R.T. -0.00 min
Lab File: VW008266.D
Acq: 15 Jan 2019 01:50

Instrument :
MSVOA_W
ClientSampleId :
VW0114SBSD02

Tot Ion	Ratio	Lower	Upper
56	100		
69	34.2	26.2	39.4
84	86.8	67.4	101.2

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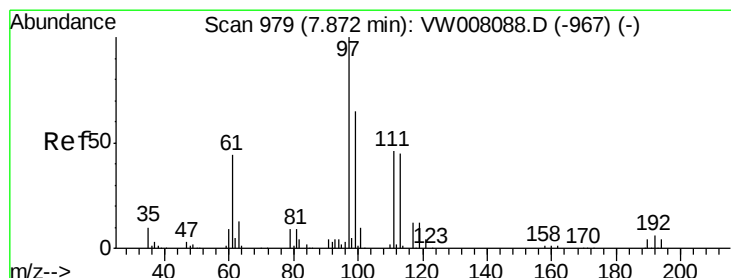
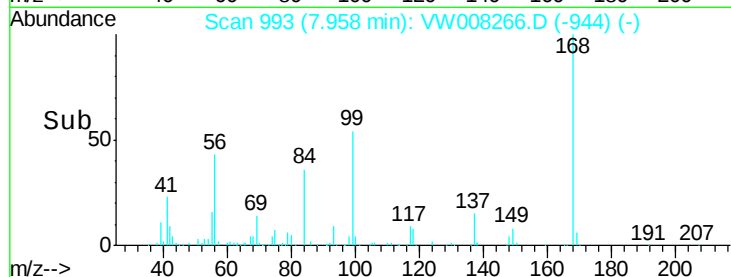
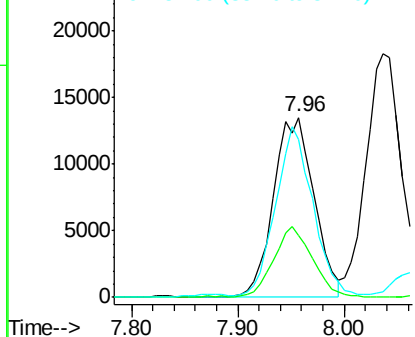


Abundance

Ion 56.00 (55.70 to 56.70): VW

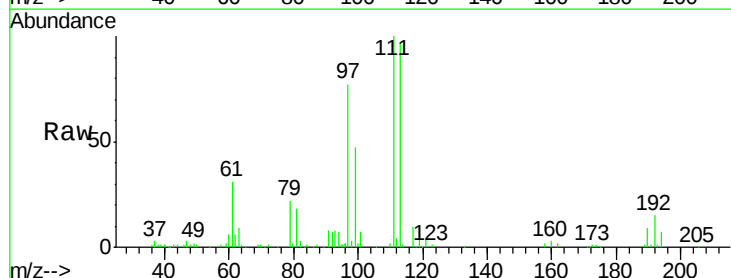
Ion 69.00 (68.70 to 69.70): VW

Ion 84.00 (83.70 to 84.70): VW



#32
1,1,1-Trichloroethane
Concen: 20.217 ug/l
RT: 7.87 min Scan# 979
Delta R.T. -0.00 min
Lab File: VW008266.D
Acq: 15 Jan 2019 01:50

Tgt Ion	Ratio	Lower	Upper
97	100		
99	65.3	51.4	77.0
61	43.4	35.6	53.4

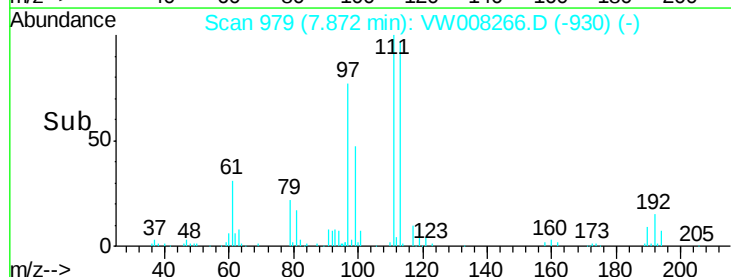
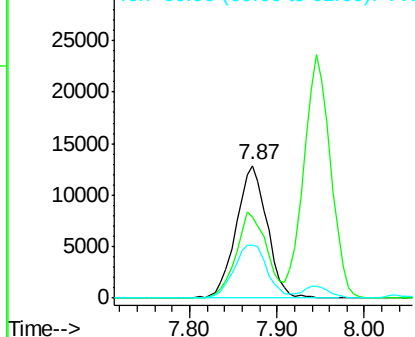


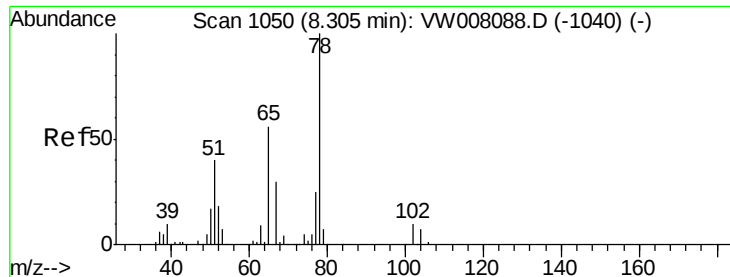
Abundance

Ion 96.90 (96.60 to 97.60): VW

Ion 98.90 (98.60 to 99.60): VW

Ion 60.90 (60.60 to 61.60): VW





#33

1,2-Dichloroethane-d4

Concen: 52.342 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW008266.D

Acq: 15 Jan 2019 01:50

Instrument :

MSVOA_W

ClientSampleID :

VW0114SBSD02

Tot Ion: 65 Resp: 50214

Ion Ratio Lower Upper

65 100

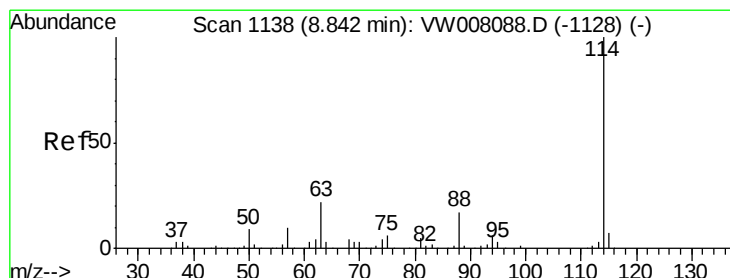
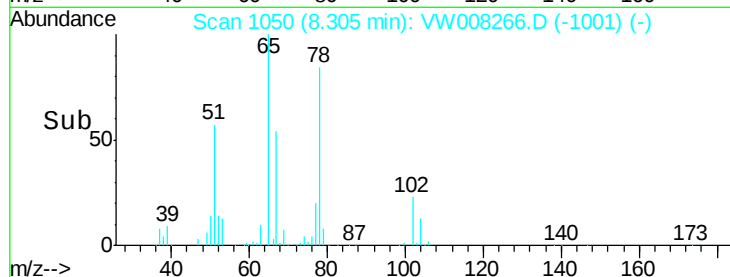
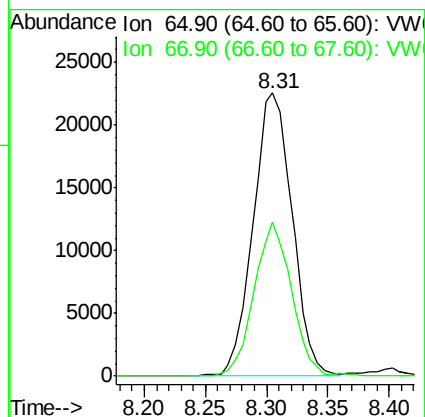
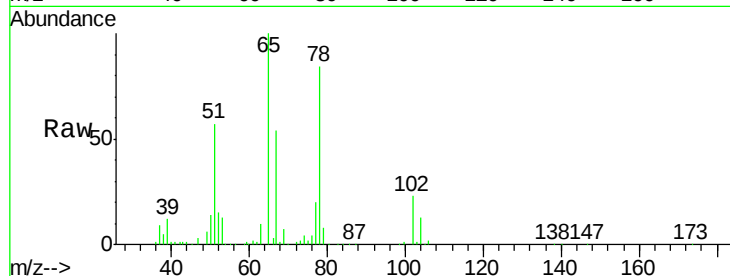
67 51.9 0.0 106.8

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. -0.00 min

Lab File: VW008266.D

Acq: 15 Jan 2019 01:50

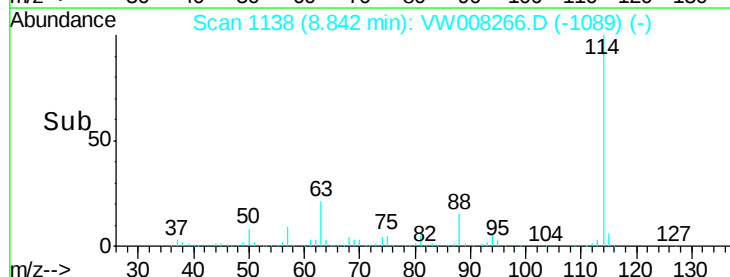
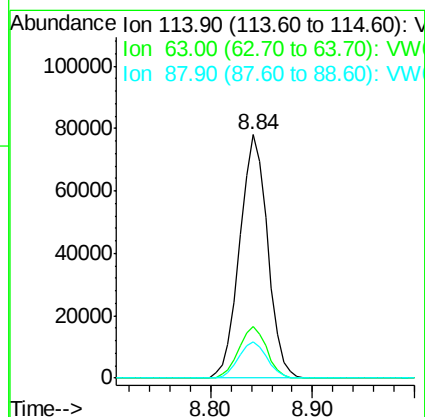
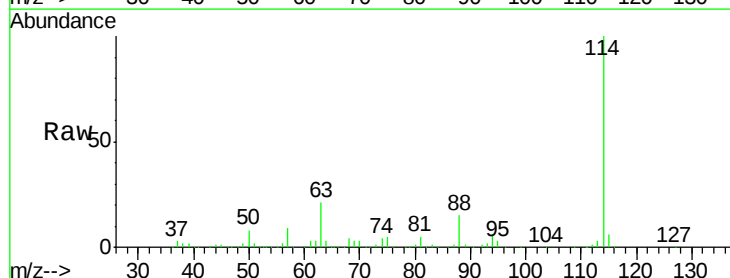
Tgt Ion: 114 Resp: 147789

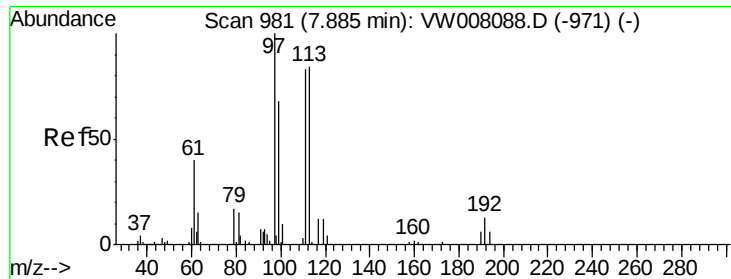
Ion Ratio Lower Upper

114 100

63 21.1 0.0 43.4

88 15.0 0.0 33.4





#35

Dibromofluoromethane

Concen: 55.848 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW008266.D

Acq: 15 Jan 2019 01:50

Instrument :

MSVOA_W

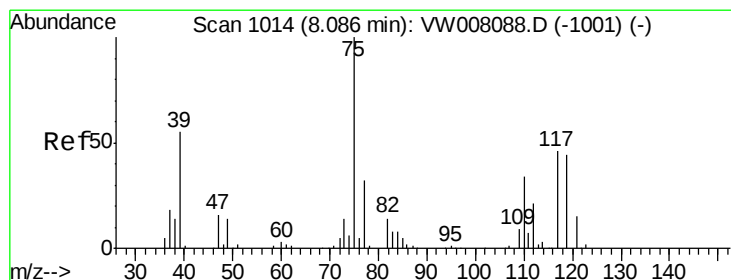
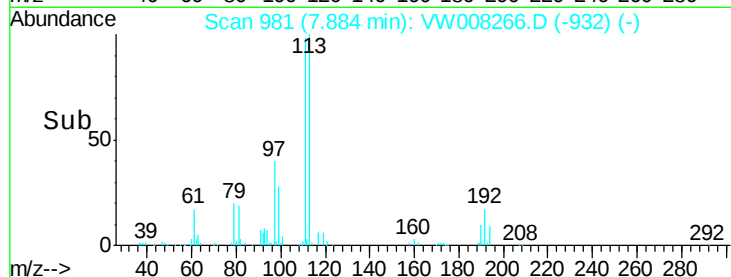
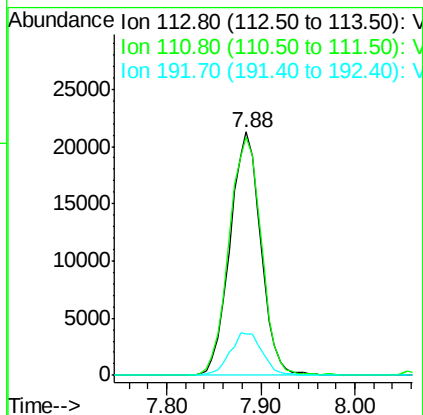
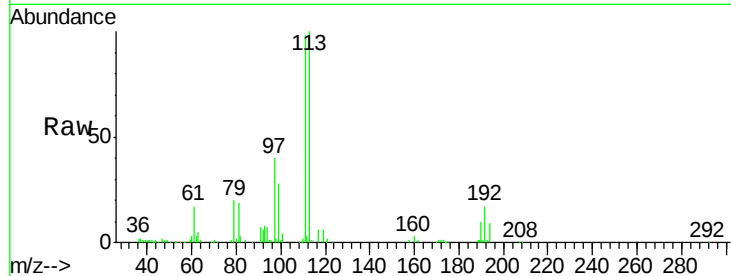
ClientSampleId :

VW0114SBSD02

Tot Ion:	113	Resp:	48139
Ion Ratio	Lower	Upper	
113	100		
111	103.1	81.8	122.8
192	18.4	12.8	19.2

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 19.453 ug/l

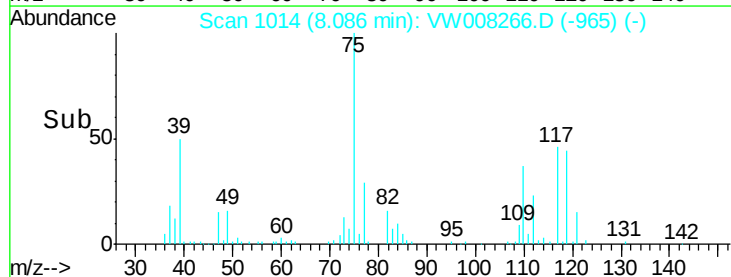
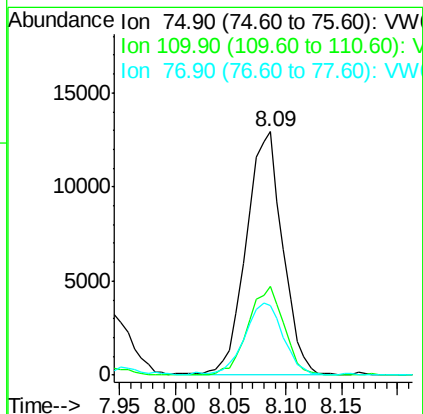
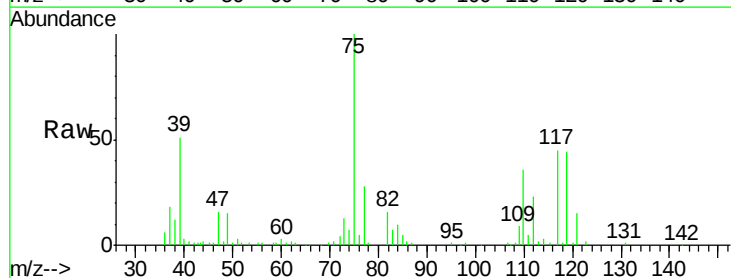
RT: 8.09 min Scan# 1014

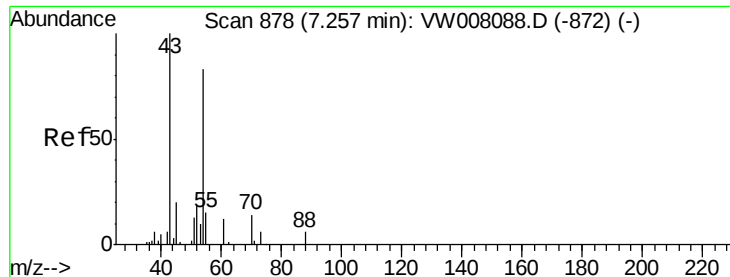
Delta R.T. -0.00 min

Lab File: VW008266.D

Acq: 15 Jan 2019 01:50

Tgt Ion:	75	Resp:	29614
Ion Ratio	Lower	Upper	
75	100		
110	35.7	17.1	51.3
77	31.4	25.5	38.3





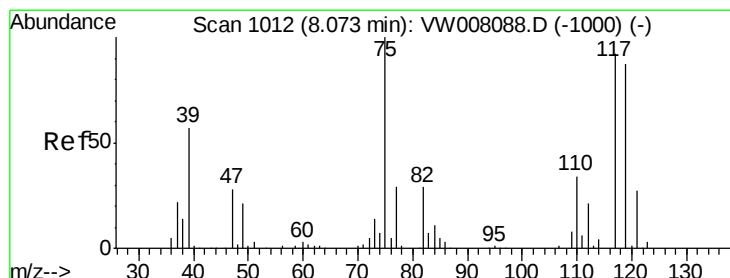
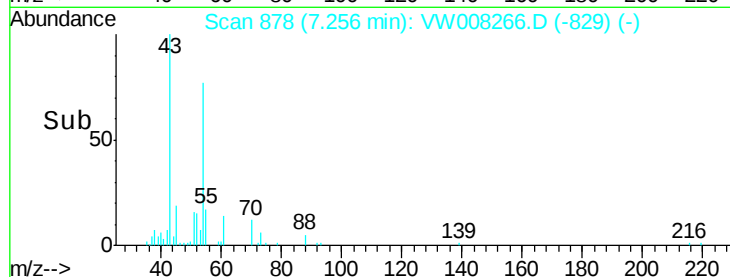
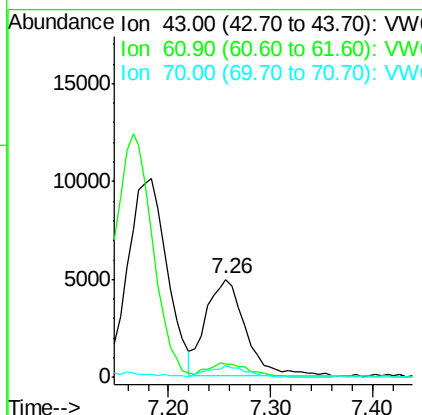
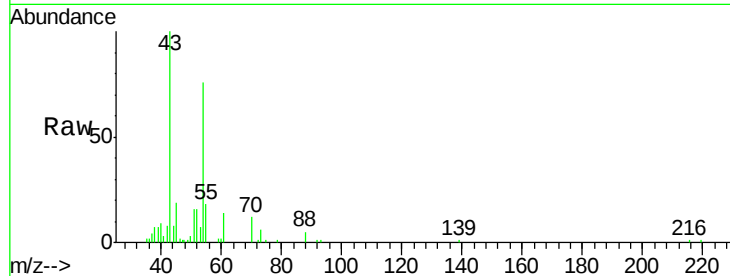
#37
Ethyl Acetate
Concen: 21.554 ug/l
RT: 7.26 min Scan# 878
Delta R.T. -0.00 min
Lab File: VW008266.D
Acq: 15 Jan 2019 01:50

Instrument :
MSVOA_W
ClientSampleId :
VW0114SBSD02

Tot Ion	Ratio	Lower	Upper
43	100		
61	16.0	10.6	16.0
70	11.6	8.9	13.3

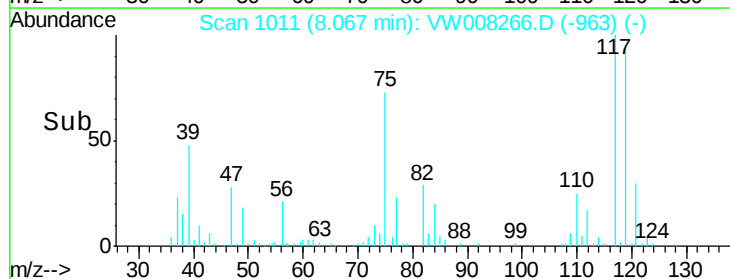
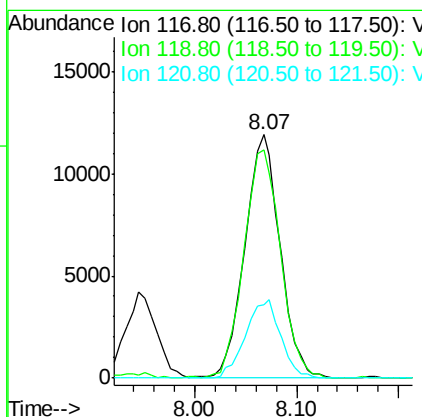
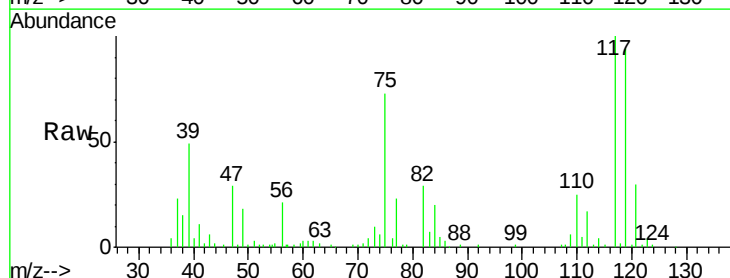
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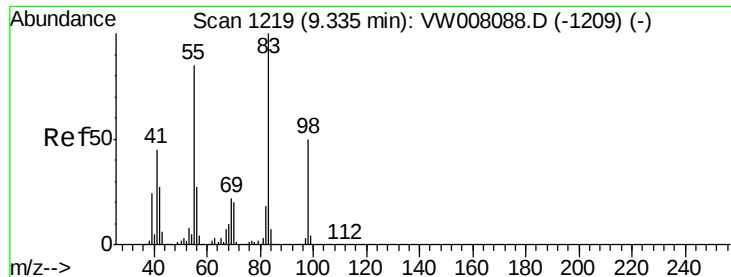
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#38
Carbon Tetrachloride
Concen: 20.565 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.01 min
Lab File: VW008266.D
Acq: 15 Jan 2019 01:50

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.9	75.8	113.8
121	30.1	23.7	35.5





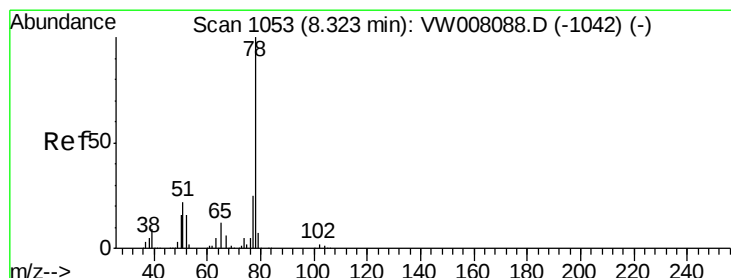
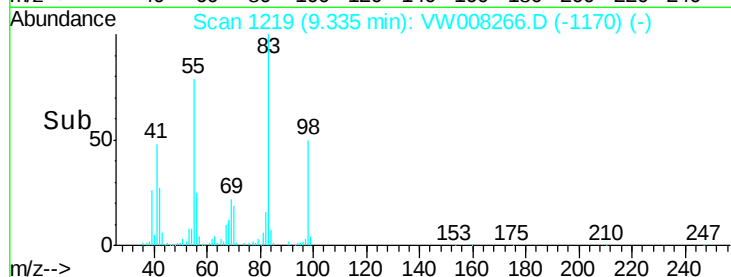
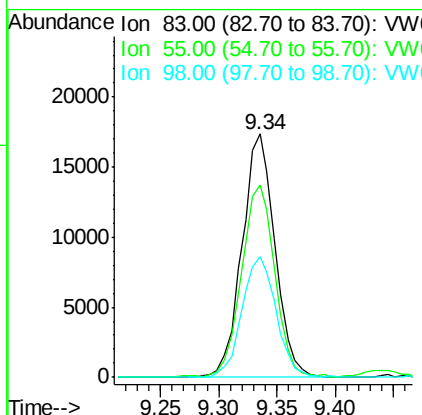
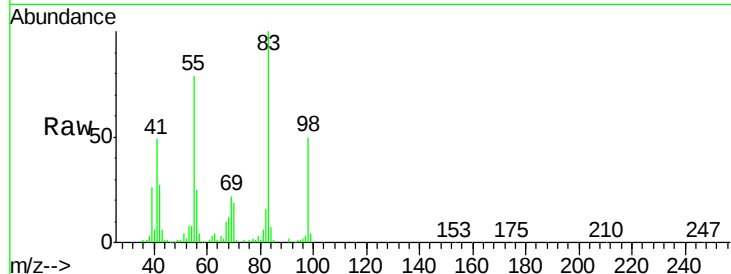
#39
Methvlcvclohexane
Concen: 17.767 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW008266.D
Acq: 15 Jan 2019 01:50

Instrument :
MSVOA_W
ClientSampleId :
VW0114SBSD02

Tot Ion	83	Resp	34296
Ion Ratio	100	Lower	Upper
83	100		
55	78.9	67.8	101.6
98	49.6	40.2	60.4

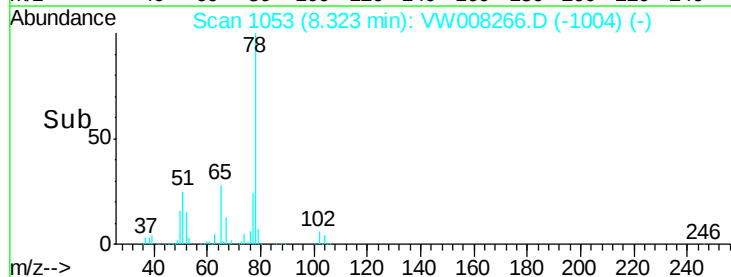
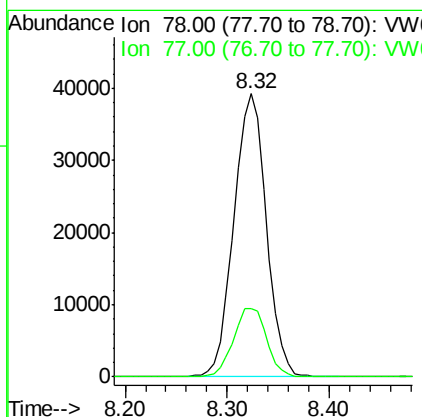
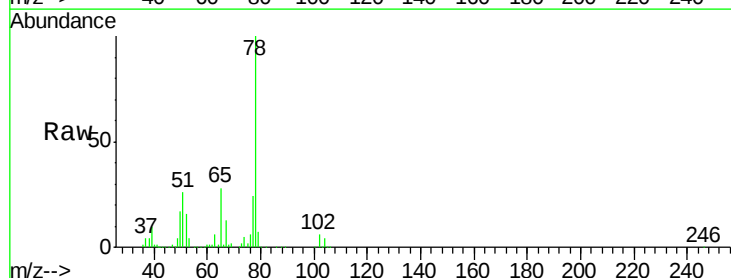
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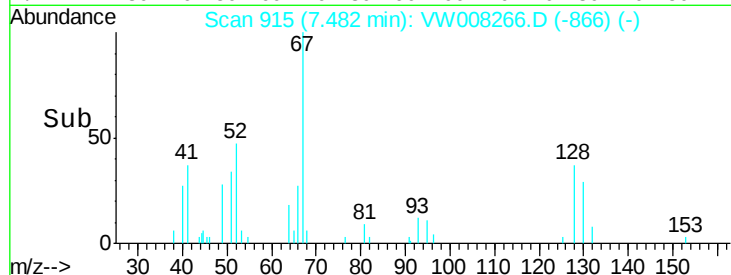
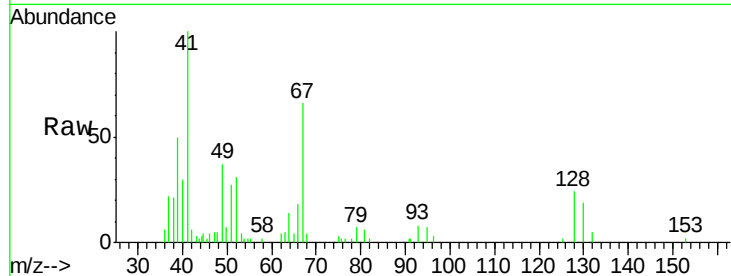
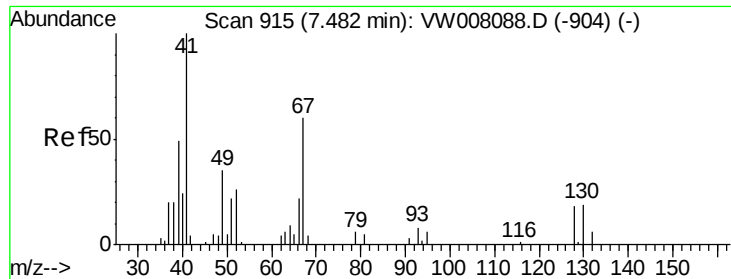
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#40
Benzene
Concen: 20.921 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.00 min
Lab File: VW008266.D
Acq: 15 Jan 2019 01:50

Tgt Ion	78	Resp	86387
Ion Ratio	100	Lower	Upper
78	100		
77	24.2	20.2	30.4





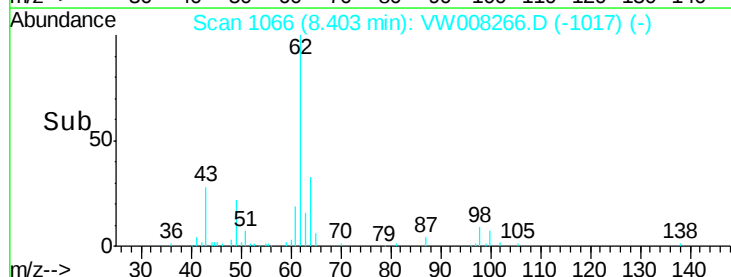
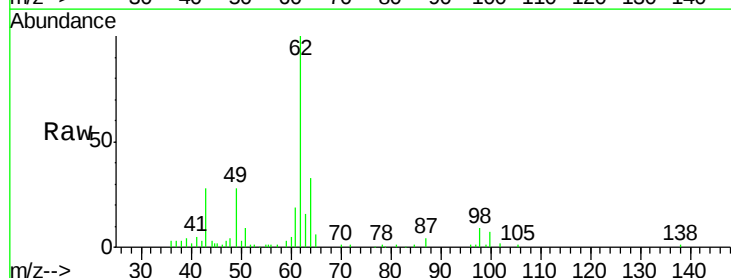
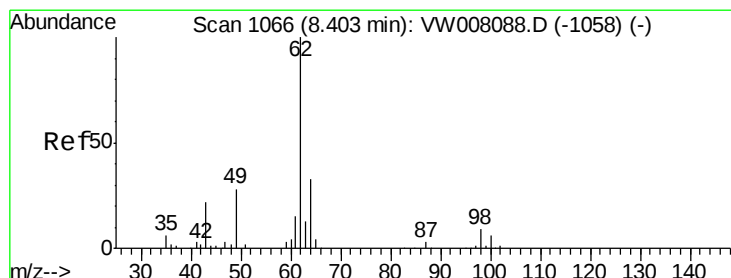
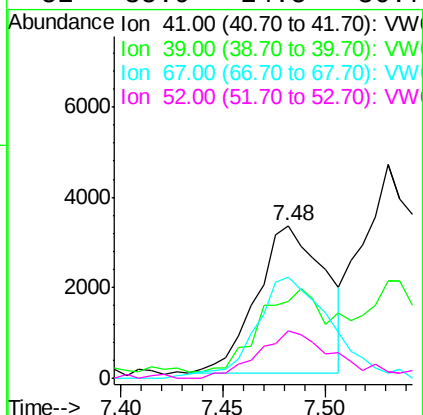
#41
Methacrylonitrile
Concen: 19.718 ug/l
RT: 7.48 min Scan# 915
Delta R.T. -0.00 min
Lab File: VW008266.D
Acq: 15 Jan 2019 01:50

Tot Ion:	41	Resp:	7597
Ion	Ratio	Lower	Upper
41	100		
39	67.5	47.9	71.9
67	74.9	56.3	84.5
52	35.9	24.5	36.7

Instrument :
MSVOA_W
ClientSampleId :
VW0114SBSD02

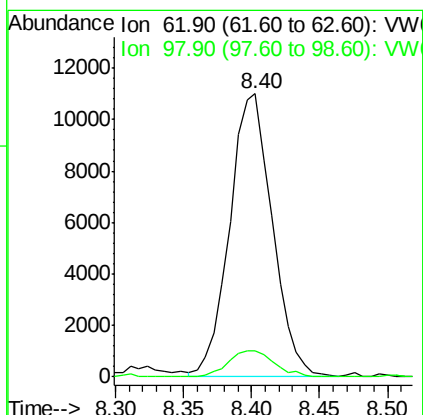
Manual Integrations
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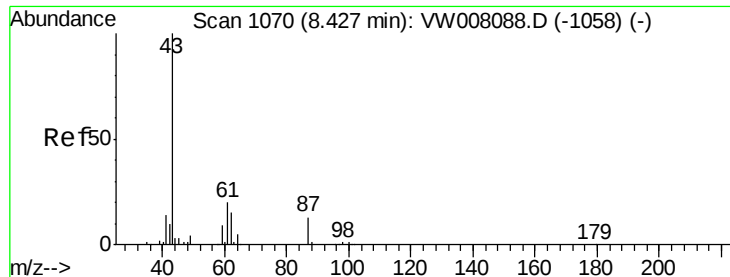
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#42
1,2-Dichloroethane
Concen: 20.685 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. -0.00 min
Lab File: VW008266.D
Acq: 15 Jan 2019 01:50

Tgt Ion:	62	Resp:	24022
Ion	Ratio	Lower	Upper
62	100		
98	9.9	0.0	18.6





#43

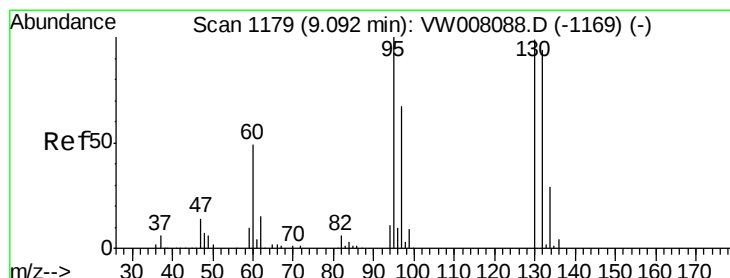
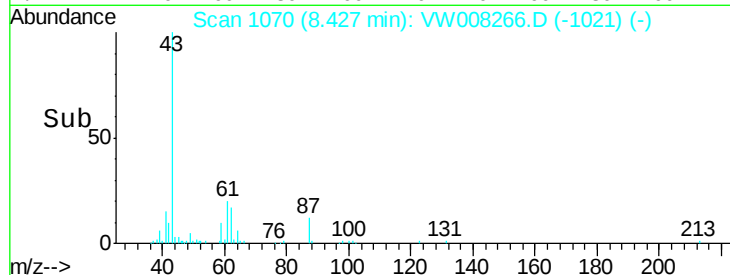
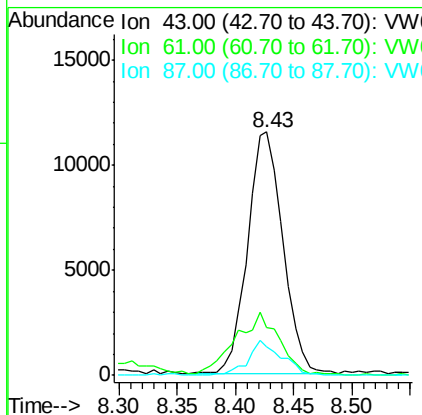
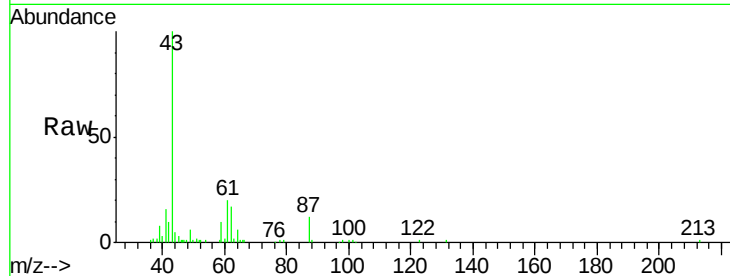
Isopropyl Acetate
 Concen: 19.986 ug/l
 RT: 8.43 min Scan# 1070
 Delta R.T. -0.00 min
 Lab File: VW008266.D
 Acq: 15 Jan 2019 01:50

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0114SBS02

Tot Ion	Ratio	Lower	Upper
43	100		
61	32.6	24.8	37.2
87	13.4	10.4	15.6

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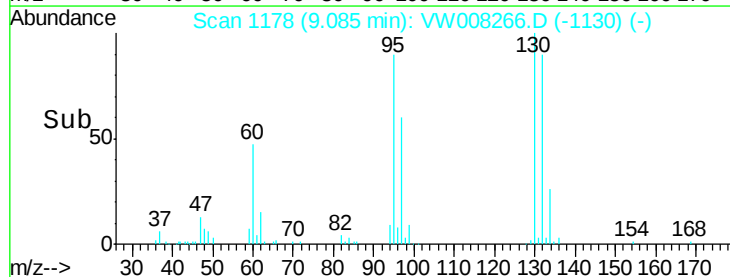
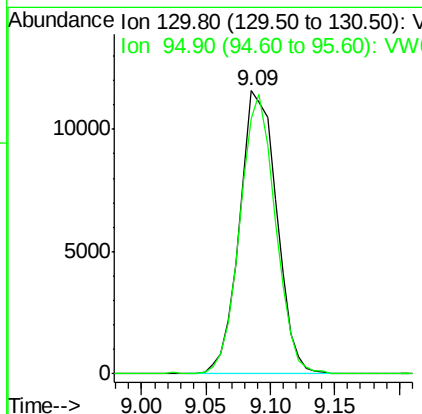
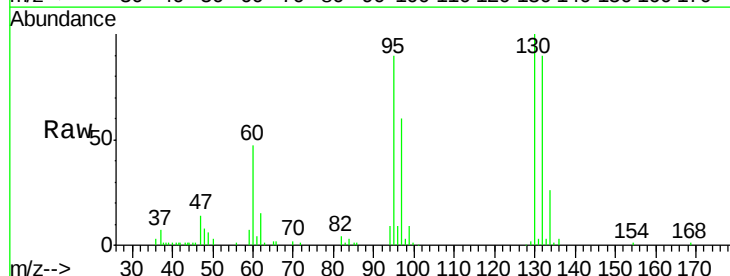
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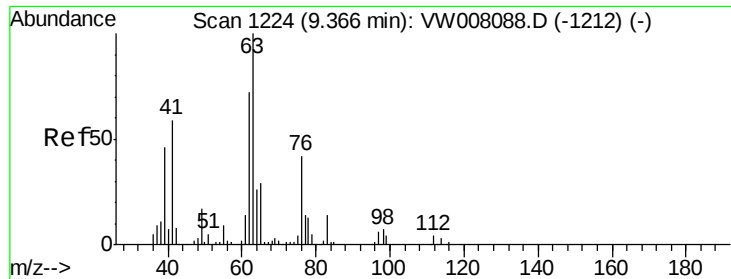


#44

Trichloroethene
 Concen: 21.877 ug/l
 RT: 9.09 min Scan# 1178
 Delta R.T. -0.01 min
 Lab File: VW008266.D
 Acq: 15 Jan 2019 01:50

Tgt Ion	Ratio	Lower	Upper
130	100		
95	90.3	0.0	202.8





#45

1,2-Dichloropropane

Concen: 21.686 ug/l

RT: 9.37 min Scan# 1224

Delta R.T. -0.00 min

Lab File: VW008266.D

Acq: 15 Jan 2019 01:50

Instrument :

MSVOA_W

ClientSampleId :

VW0114SBS02

Tot Ion: 63 Resp: 22203

Ion Ratio Lower Upper

63 100

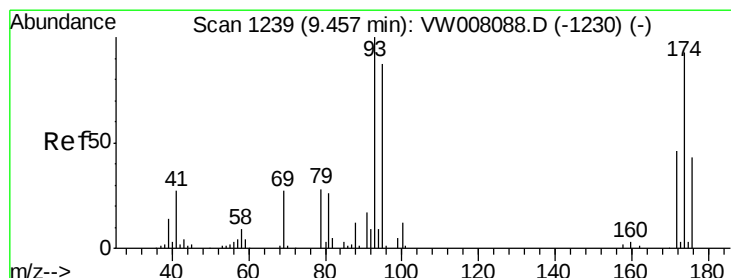
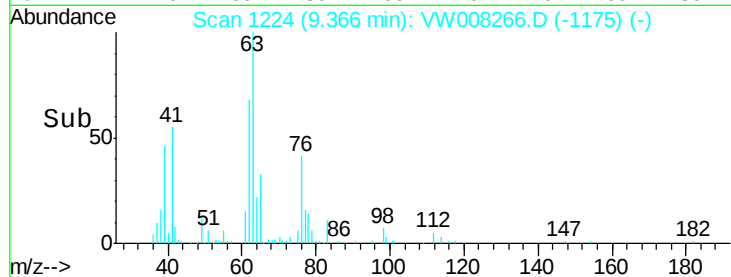
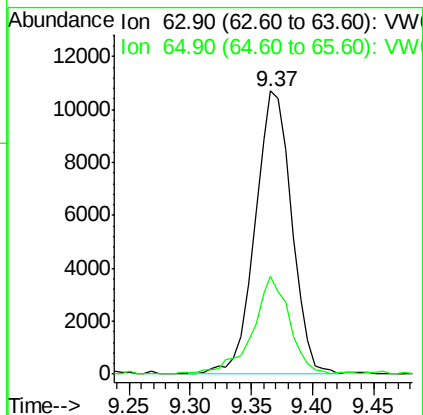
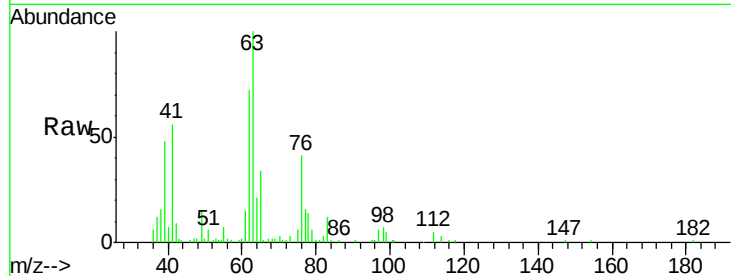
65 33.8 23.3 34.9

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#46

Dibromomethane

Concen: 22.625 ug/l

RT: 9.46 min Scan# 1239

Delta R.T. -0.00 min

Lab File: VW008266.D

Acq: 15 Jan 2019 01:50

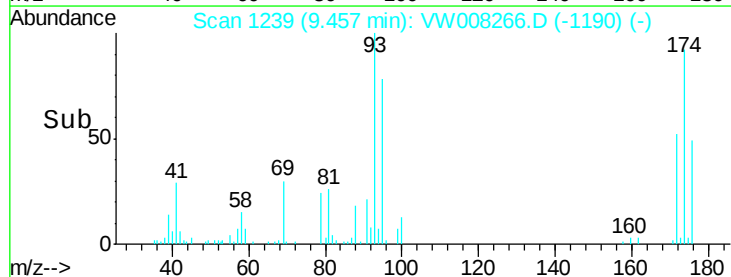
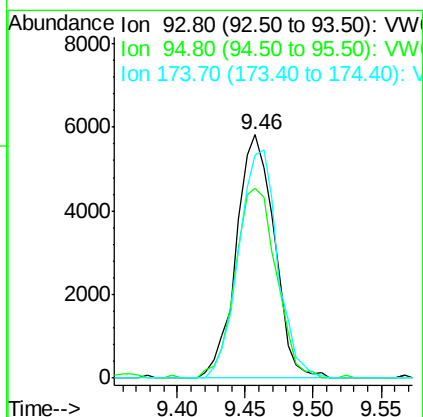
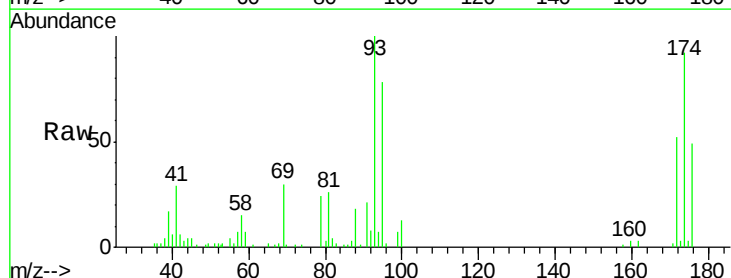
Tgt Ion: 93 Resp: 11376

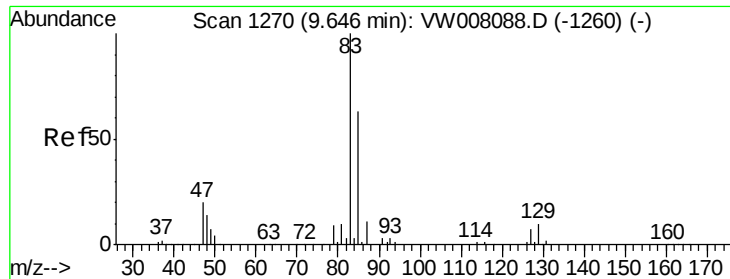
Ion Ratio Lower Upper

93 100

95 84.4 67.5 101.3

174 95.8 72.5 108.7





#47

Bromodichloromethane

Concen: 21.691 ug/l

RT: 9.64 min Scan# 1269

Delta R.T. -0.01 min

Lab File: VW008266.D

Acq: 15 Jan 2019 01:50

Instrument :

MSVOA_W

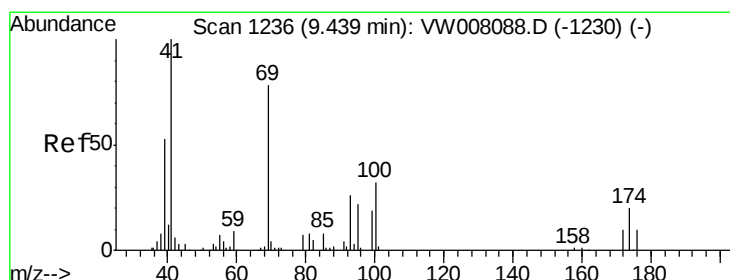
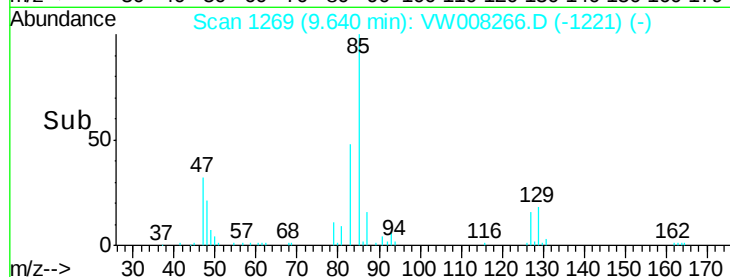
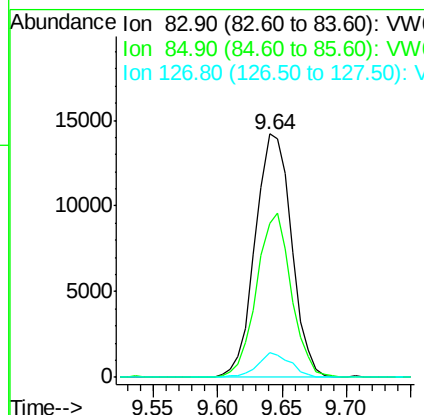
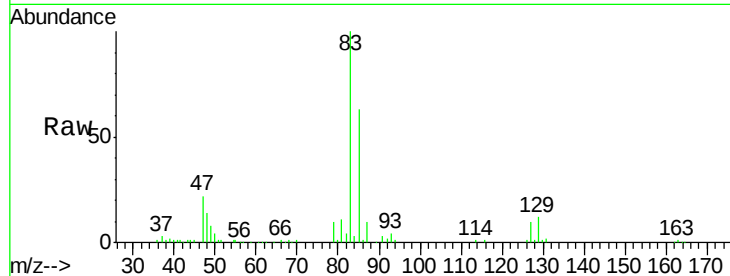
ClientSampleId :

VW0114SBSD02

Tot Ion:	83	Resp:	27694
Ion Ratio	Lower	Upper	
83	100		
85	63.4	50.7	76.1
127	10.1	6.0	9.0#

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#48

Methyl methacrylate

Concen: 20.163 ug/l

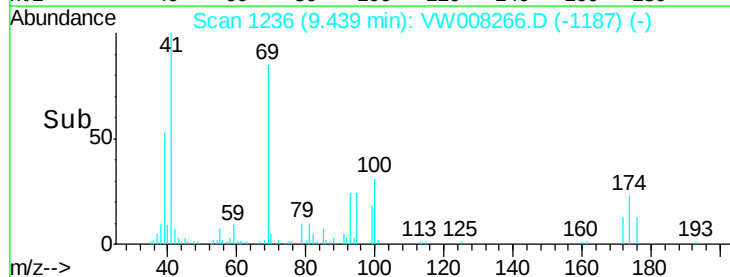
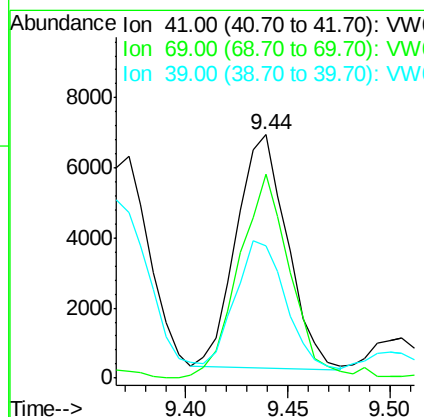
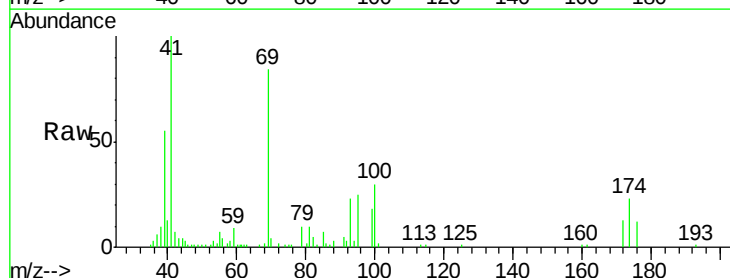
RT: 9.44 min Scan# 1236

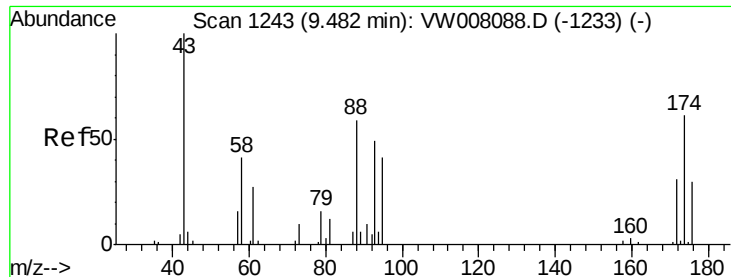
Delta R.T. -0.00 min

Lab File: VW008266.D

Acq: 15 Jan 2019 01:50

Tgt Ion:	41	Resp:	11602
Ion Ratio	Lower	Upper	
41	100		
69	89.1	61.9	92.9
39	53.5	43.0	64.4





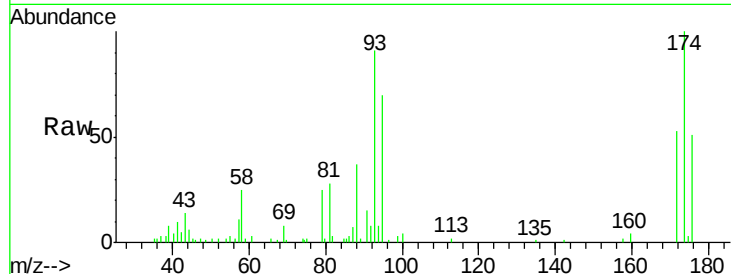
#49
 1,4-Dioxane
 Concen: 497.392 ug/l
 RT: 9.47 min Scan# 1241
 Delta R.T. -0.01 min
 Lab File: VW008266.D
 Acq: 15 Jan 2019 01:50

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0114SBSD02

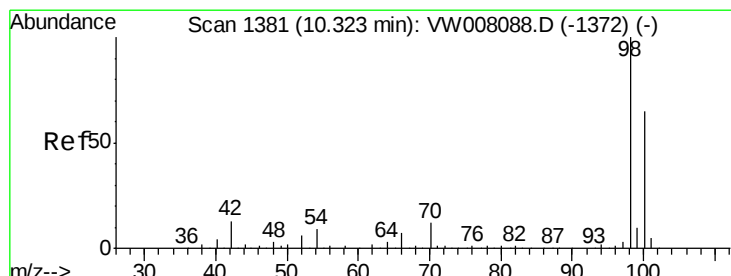
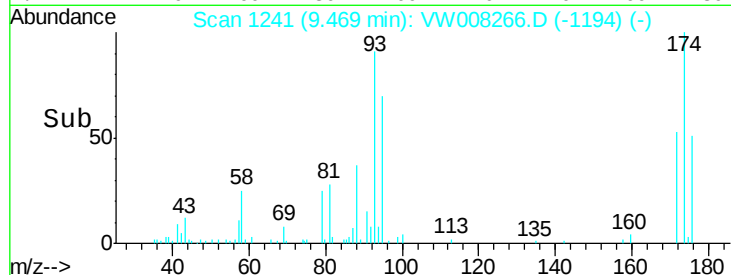
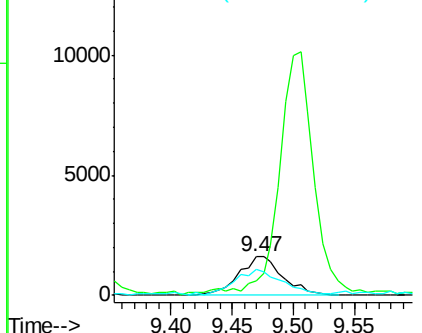
Tot Ion	88	Resp	4022
Ion	Ratio	Lower	Upper
88	100		
43	0.0	0.0	0.0
58	73.7	61.7	92.5

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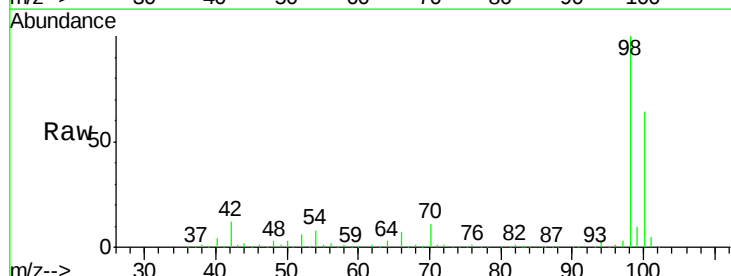


Abundance Ion 88.00 (87.70 to 88.70): VW
 Ion 43.00 (42.70 to 43.70): VW
 Ion 58.00 (57.70 to 58.70): VW

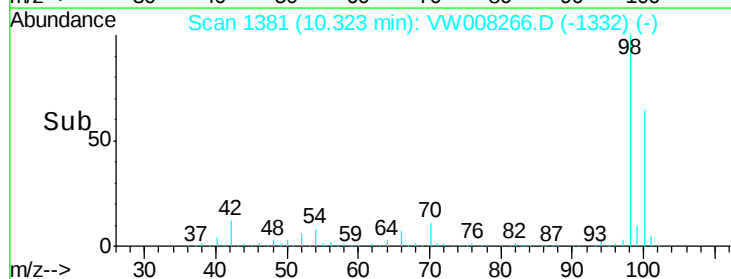
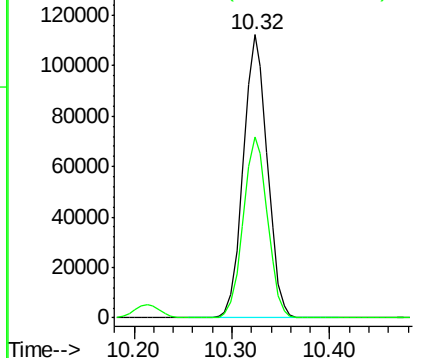


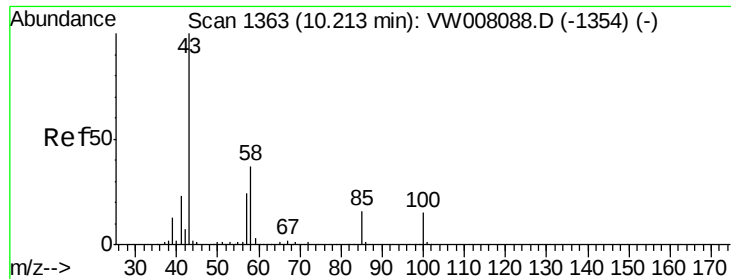
#50
 Toluene-d8
 Concen: 52.861 ug/l
 RT: 10.32 min Scan# 1381
 Delta R.T. -0.00 min
 Lab File: VW008266.D
 Acq: 15 Jan 2019 01:50

Tgt Ion	98	Resp	191204
Ion	Ratio	Lower	Upper
98	100		
100	64.8	51.7	77.5



Abundance Ion 98.00 (97.70 to 98.70): VW
 Ion 100.00 (99.70 to 100.70): VW





#51

4-Methyl-2-Pentanone

Concen: 108.332 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. -0.00 min

Lab File: VW008266.D

Acq: 15 Jan 2019 01:50

Instrument :

MSVOA_W

ClientSampleId :

VW0114SBSD02

Tot Ion: 43 Resp: 63946

Ion Ratio Lower Upper

43 100

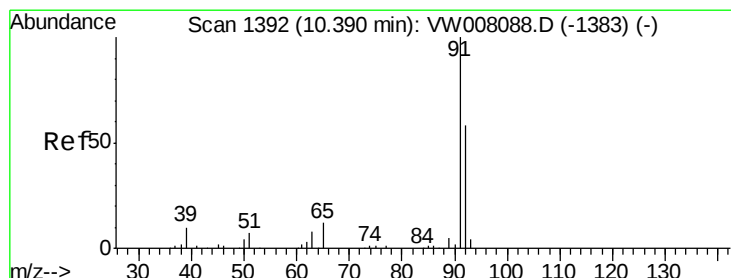
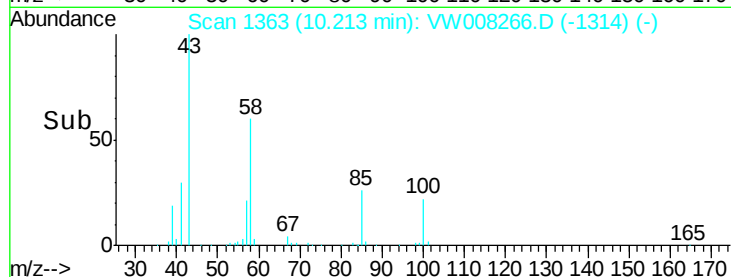
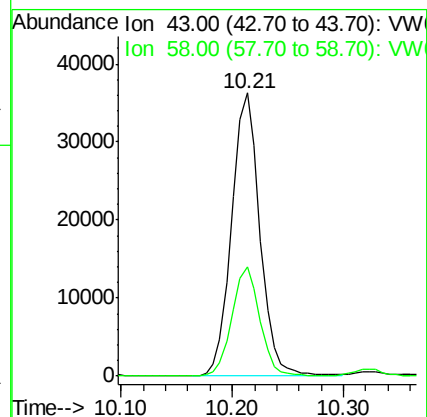
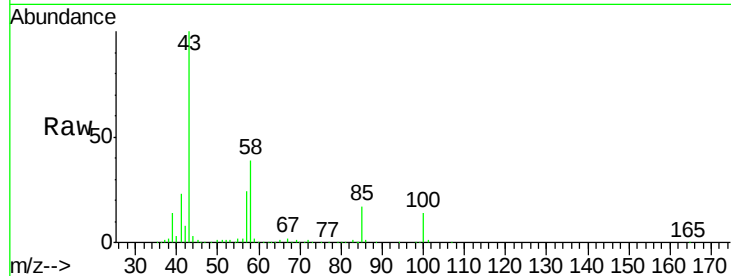
58 38.2 30.6 46.0

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#52

Toluene

Concen: 21.030 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW008266.D

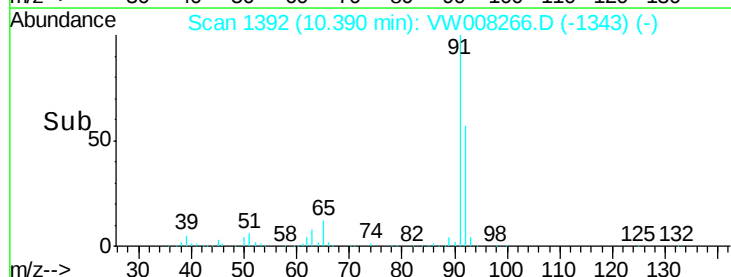
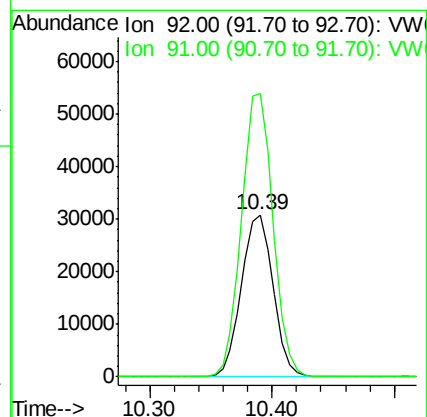
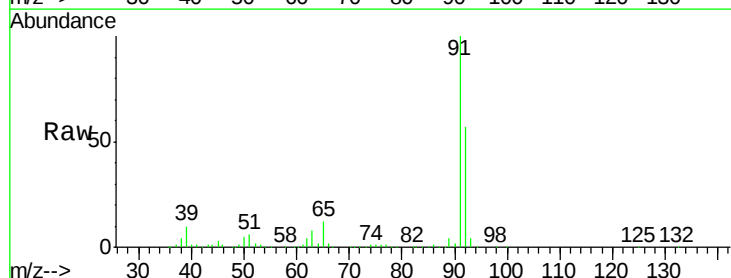
Acq: 15 Jan 2019 01:50

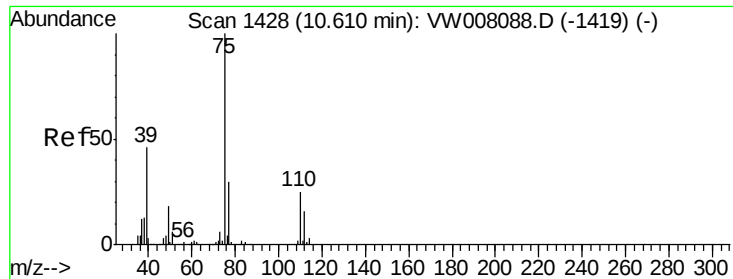
Tgt Ion: 92 Resp: 55456

Ion Ratio Lower Upper

92 100

91 173.8 137.0 205.4





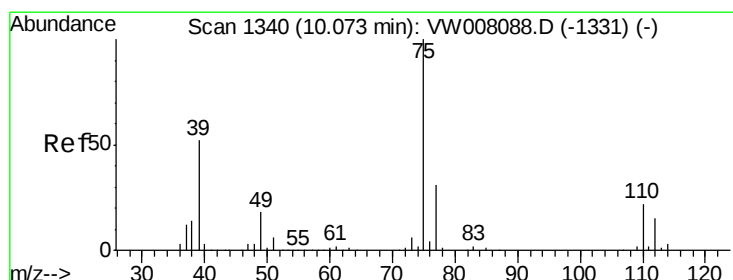
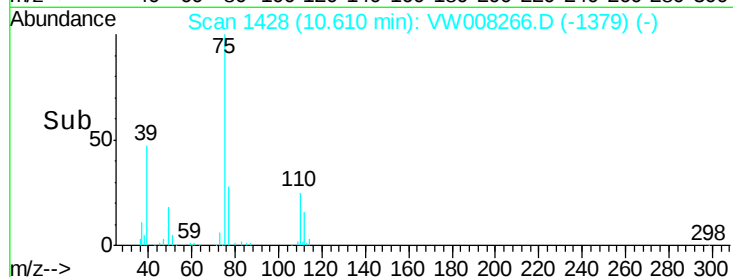
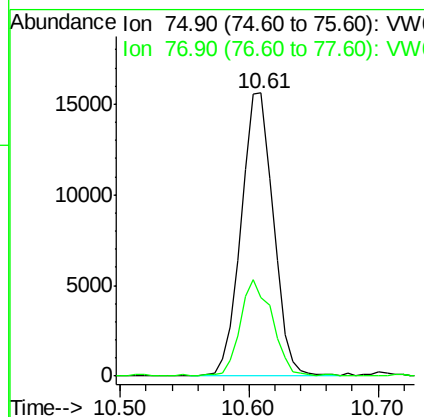
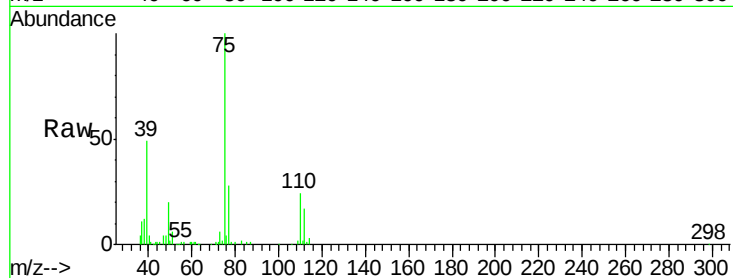
#53
t-1,3-Dichloropropene
Concen: 20.381 ug/l
RT: 10.61 min Scan# 1428
Delta R.T. -0.00 min
Lab File: VW008266.D
Acq: 15 Jan 2019 01:50

Instrument :
MSVOA_W
ClientSampleId :
VW0114SBSD02

Tot Ion: 75 Resp: 27067
Ion Ratio Lower Upper
75 100
77 28.0 24.4 36.6

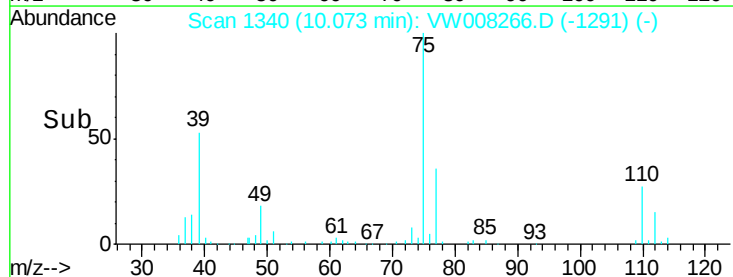
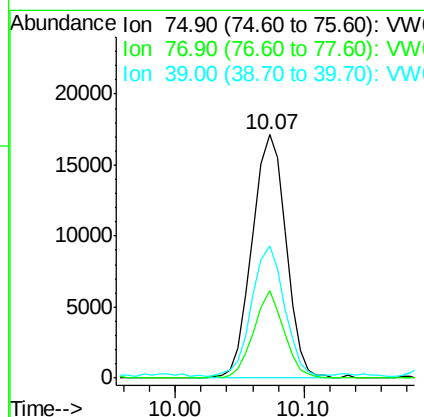
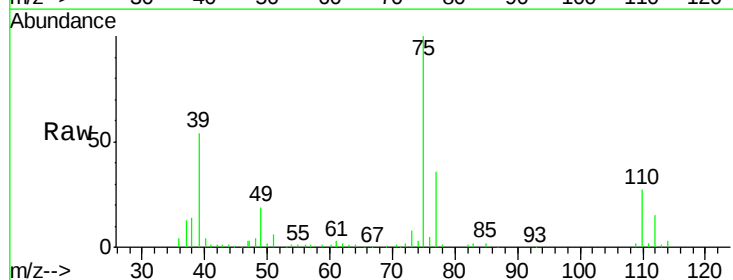
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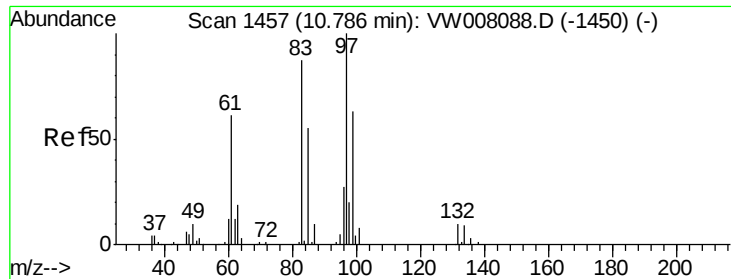
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#54
cis-1,3-Dichloropropene
Concen: 19.792 ug/l
RT: 10.07 min Scan# 1340
Delta R.T. -0.00 min
Lab File: VW008266.D
Acq: 15 Jan 2019 01:50

Tgt Ion: 75 Resp: 31169
Ion Ratio Lower Upper
75 100
77 35.7 25.2 37.8
39 53.7 41.4 62.0





#55

1,1,2-Trichloroethane

Concen: 22.919 ug/l

RT: 10.79 min Scan# 1457

Delta R.T. -0.00 min

Lab File: VW008266.D

Acq: 15 Jan 2019 01:50

Instrument :

MSVOA_W

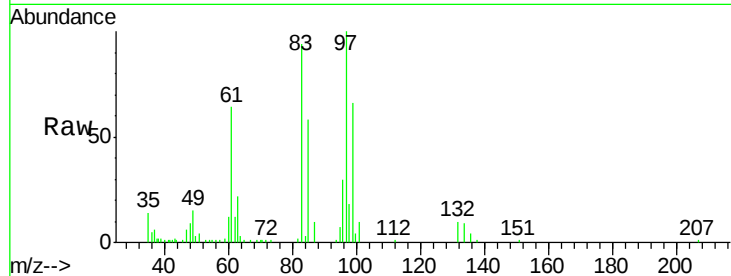
ClientSampleId :

VW0114SBSD02

Tot Ion:	97	Resp:	16180
Ion	Ratio	Lower	Upper
97	100		
83	93.7	69.3	103.9
85	58.3	43.8	65.6
99	65.9	50.0	75.0

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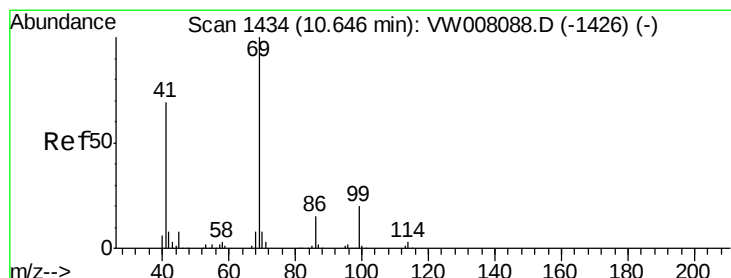
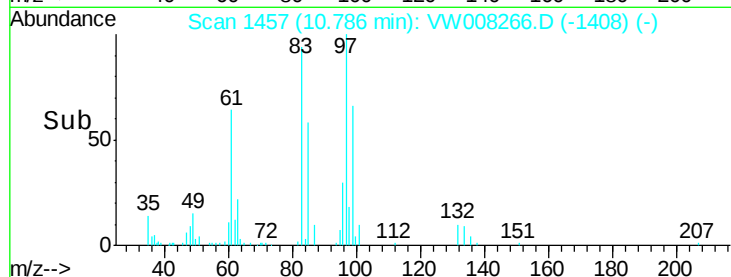
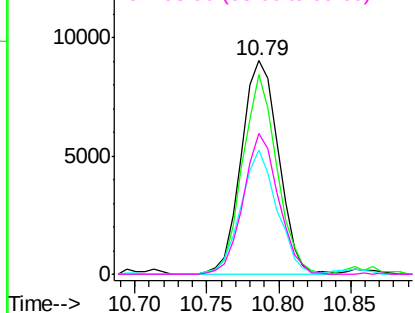


Abundance Ion 96.90 (96.60 to 97.60): VW

Ion 82.90 (82.60 to 83.60): VW

Ion 84.90 (84.60 to 85.60): VW

Ion 98.90 (98.60 to 99.60): VW



#56

Ethyl methacrylate

Concen: 21.274 ug/l

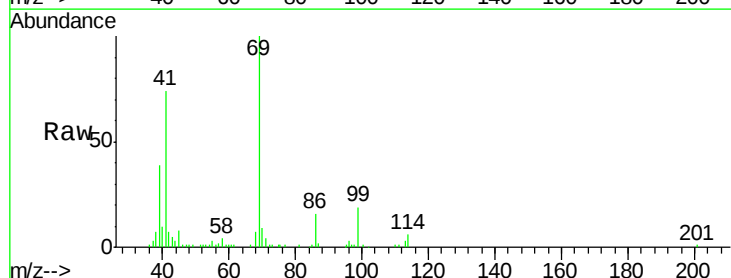
RT: 10.65 min Scan# 1434

Delta R.T. -0.00 min

Lab File: VW008266.D

Acq: 15 Jan 2019 01:50

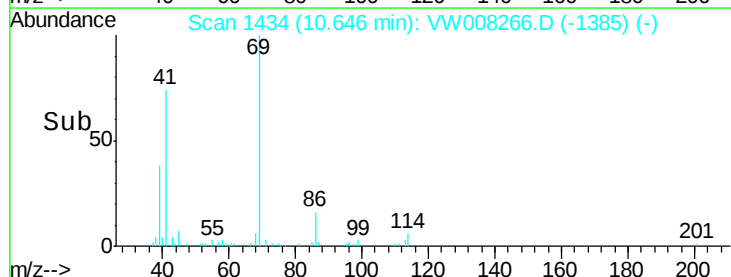
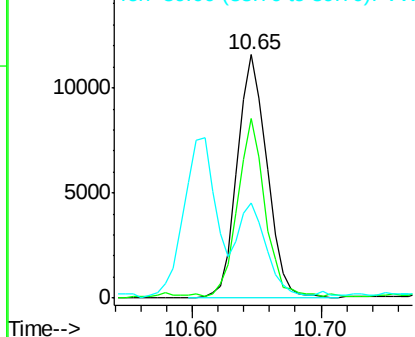
Tgt Ion:	69	Resp:	18599
Ion	Ratio	Lower	Upper
69	100		
41	66.3	56.4	84.6
39	36.1	28.1	42.1



Abundance Ion 69.00 (68.70 to 69.70): VW

Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW





#57

1,3-Dichloropropane

Concen: 21.351 ug/l

RT: 10.93 min Scan# 1481

Delta R.T. -0.00 min

Lab File: VW008266.D

Acq: 15 Jan 2019 01:50

Instrument :

MSVOA_W

ClientSampled :

VW0114SBSD02

Tot Ion: 76 Resp: 27566

Ion Ratio Lower Upper

76 100

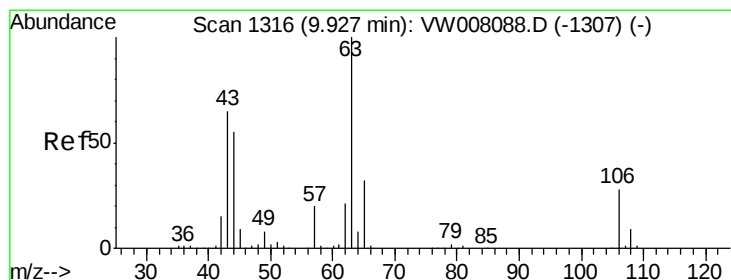
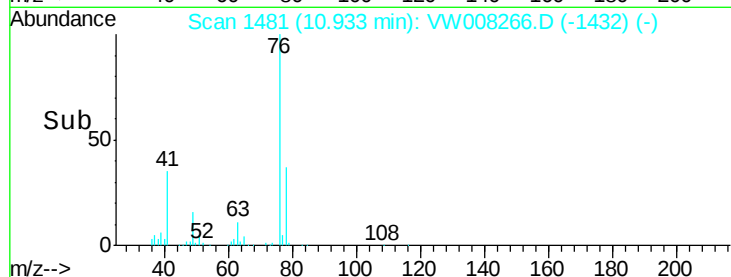
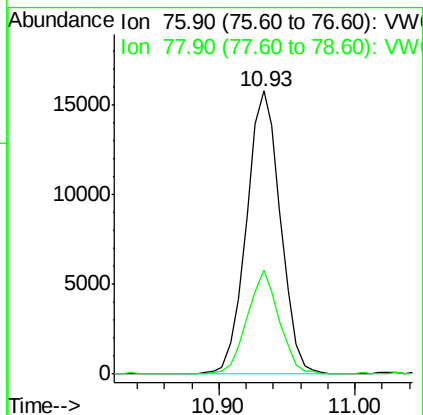
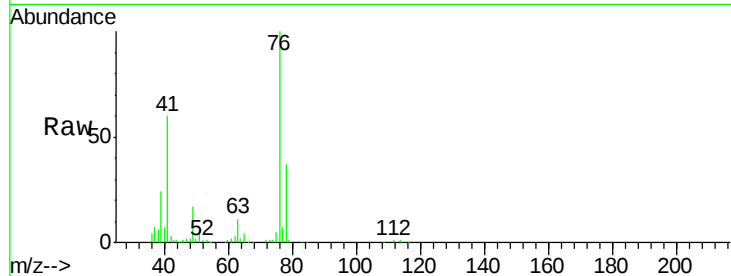
78 34.6 25.7 38.5

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#58

2-Chloroethyl Vinyl ether

Concen: 109.405 ug/l

RT: 9.93 min Scan# 1316

Delta R.T. -0.00 min

Lab File: VW008266.D

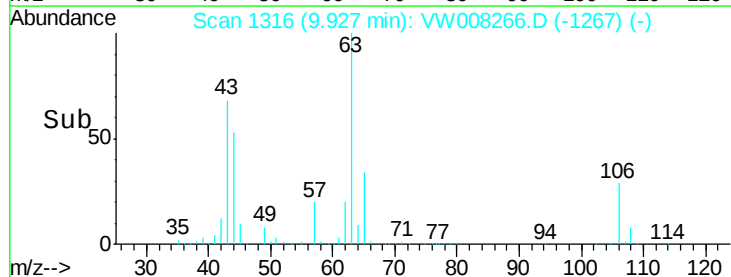
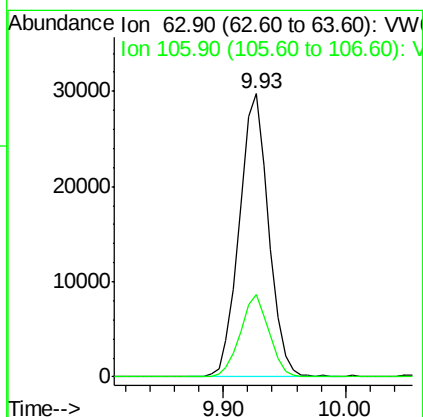
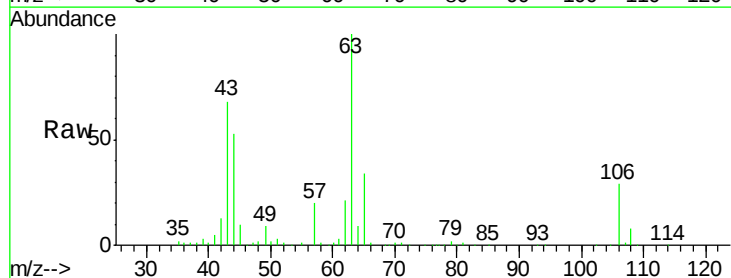
Acq: 15 Jan 2019 01:50

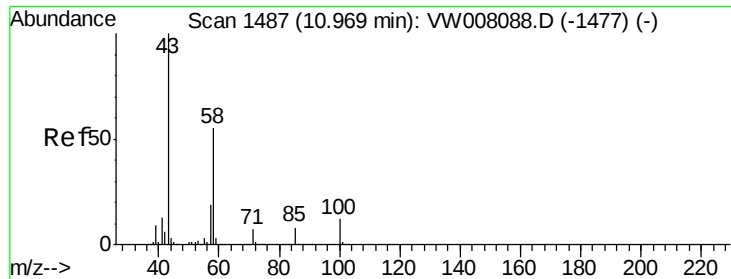
Tgt Ion: 63 Resp: 49407

Ion Ratio Lower Upper

63 100

106 28.5 21.8 32.6





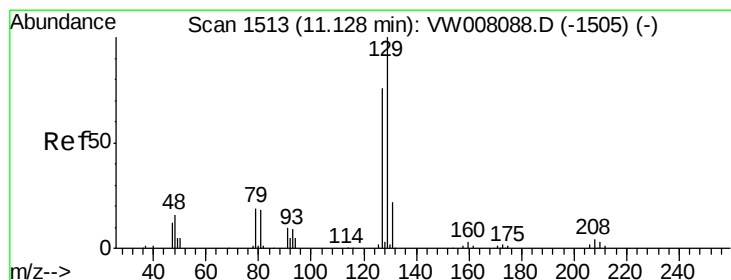
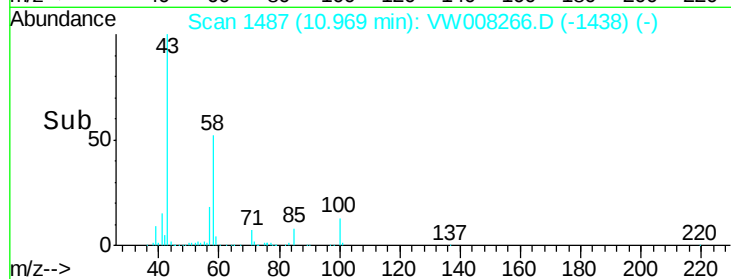
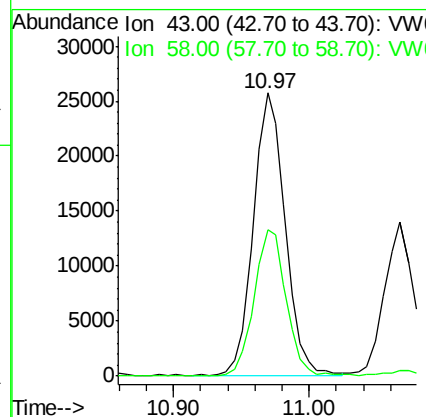
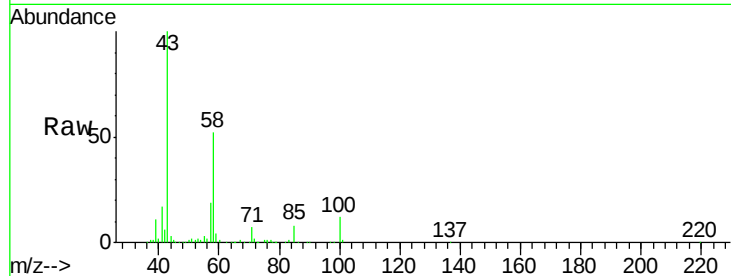
#59
2-Hexanone
Concen: 106.134 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VW008266.D
Acq: 15 Jan 2019 01:50

Instrument :
MSVOA_W
ClientSampleId :
VW0114SBSD02

Tot Ion: 43 Resp: 42366
Ion Ratio Lower Upper
43 100
58 52.5 27.2 81.5

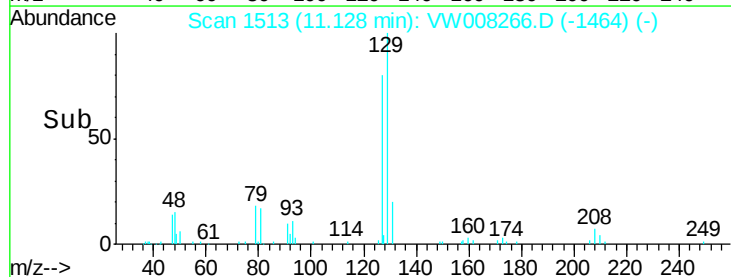
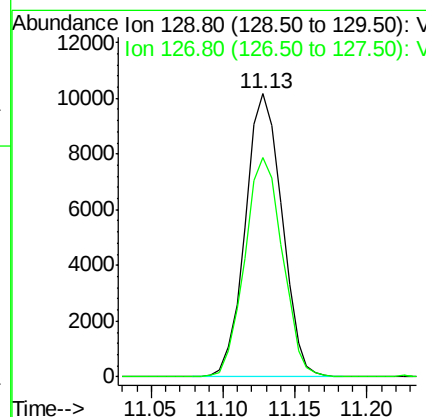
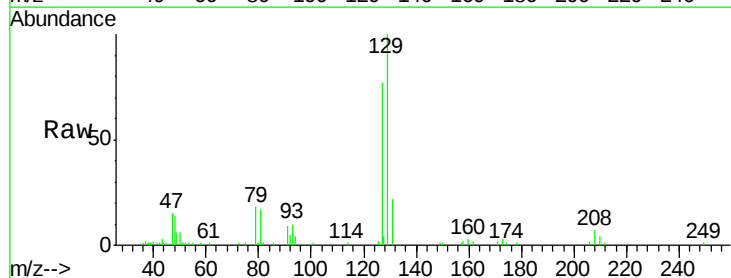
Manual Integrations
APPROVED

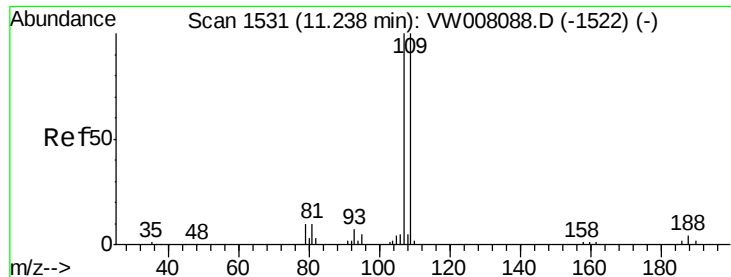
apatel
1/15/2019 2:09:02 PM



#60
Dibromochloromethane
Concen: 23.087 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW008266.D
Acq: 15 Jan 2019 01:50

Tgt Ion: 129 Resp: 17897
Ion Ratio Lower Upper
129 100
127 79.7 38.9 116.6





#61

1,2-Dibromoethane

Concen: 22.503 ug/l

RT: 11.24 min Scan# 1531

Delta R.T. -0.00 min

Lab File: VW008266.D

Acq: 15 Jan 2019 01:50

Instrument :

MSVOA_W

ClientSampleId :

VW0114SBSD02

Tot Ion:107 Resp: 15074

Ion Ratio Lower Upper

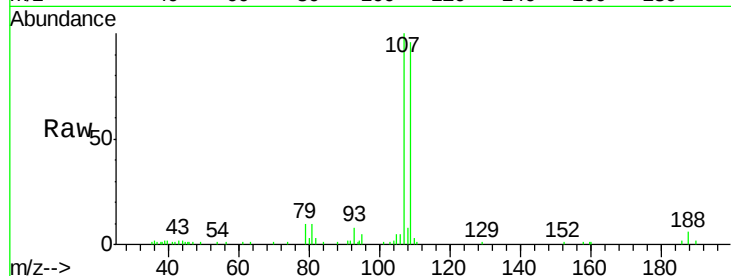
107 100

109 95.4 75.9 113.9

Manual Integrations
APPROVED

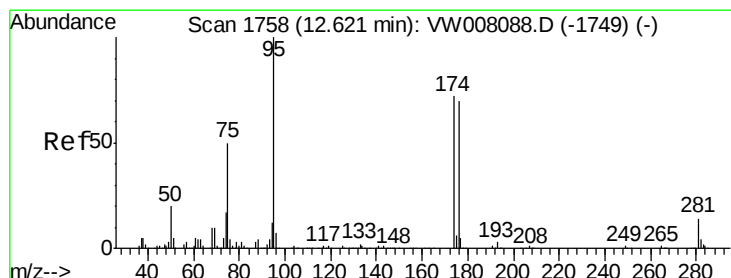
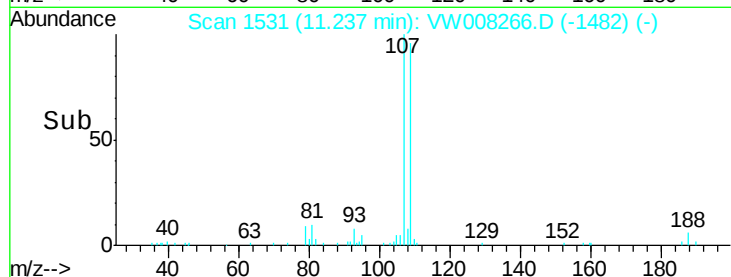
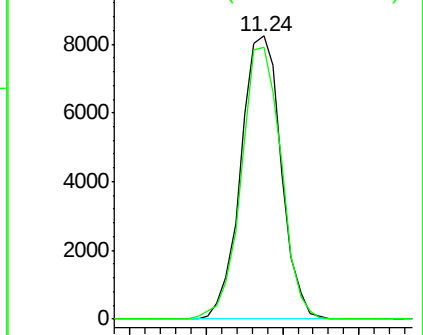
apatel

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 52.961 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW008266.D

Acq: 15 Jan 2019 01:50

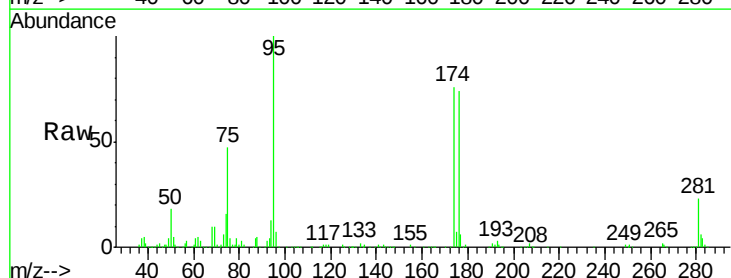
Tgt Ion: 95 Resp: 68676

Ion Ratio Lower Upper

95 100

174 77.5 0.0 143.0

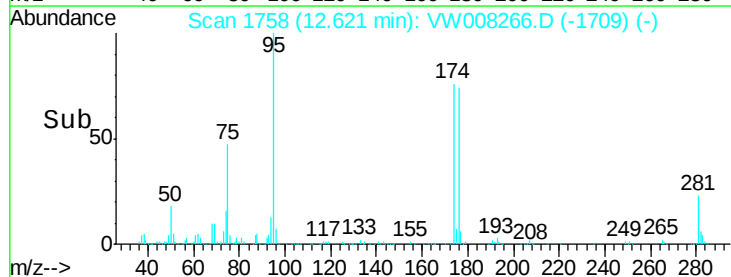
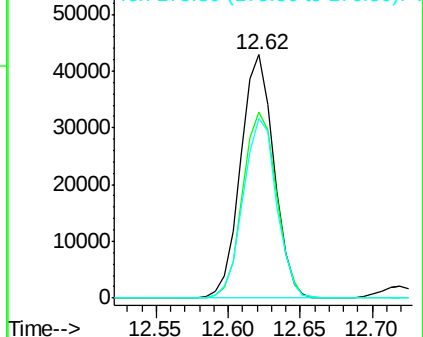
176 73.7 0.0 140.2

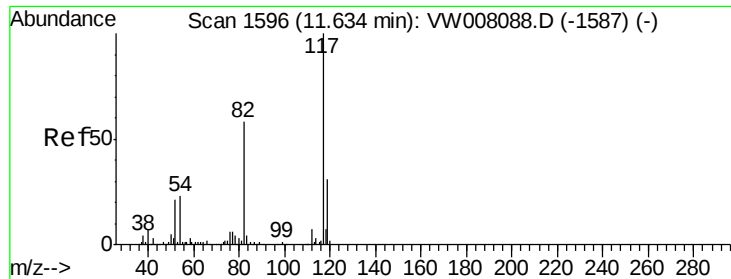


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





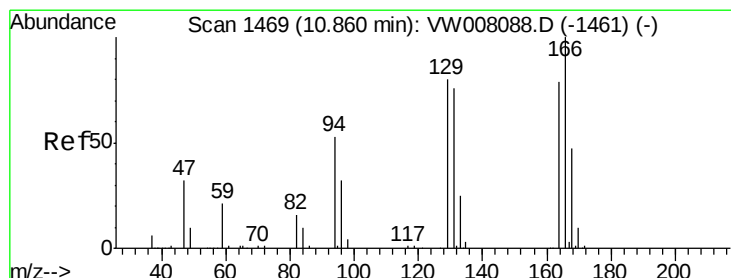
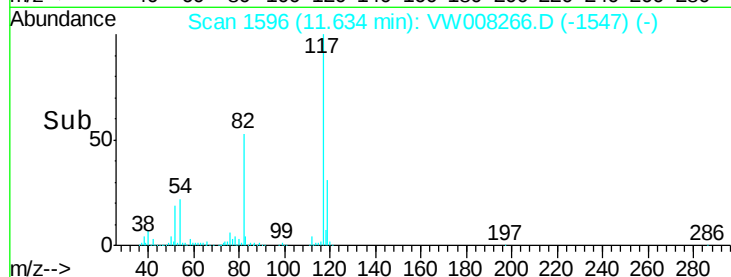
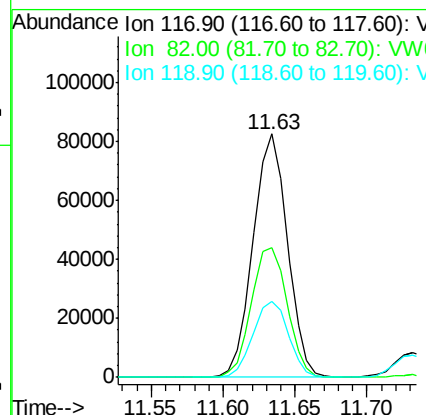
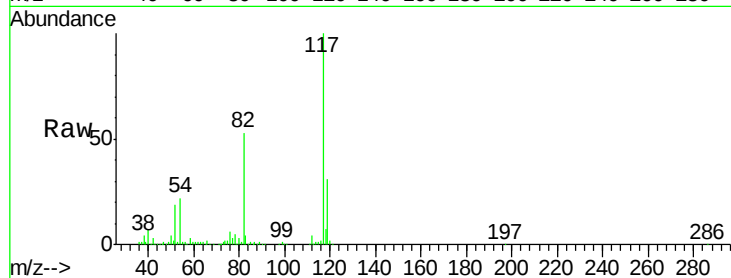
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW008266.D
Acq: 15 Jan 2019 01:50

Instrument :
MSVOA_W
ClientSampleId :
VW0114SBSD02

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.5	46.4	69.6
119	31.1	24.7	37.1

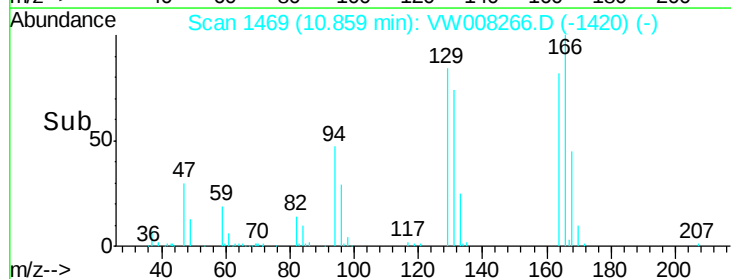
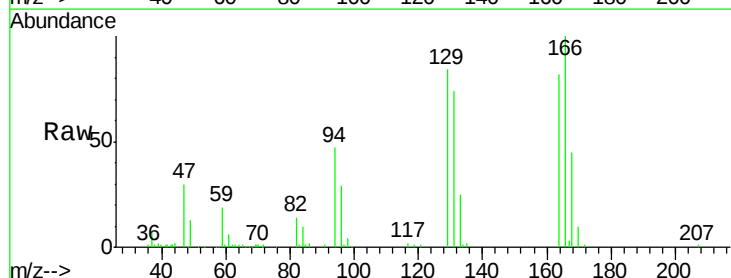
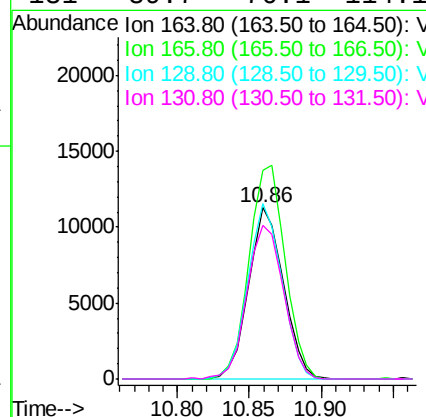
Manual Integrations
APPROVED

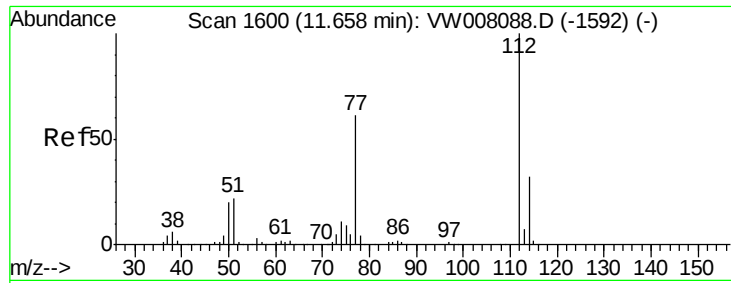
apatel
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#64
Tetrachloroethene
Concen: 21.282 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VW008266.D
Acq: 15 Jan 2019 01:50

Tgt Ion	Ratio	Lower	Upper
164	100		
166	121.8	100.7	151.1
129	102.7	81.0	121.4
131	89.7	76.1	114.1





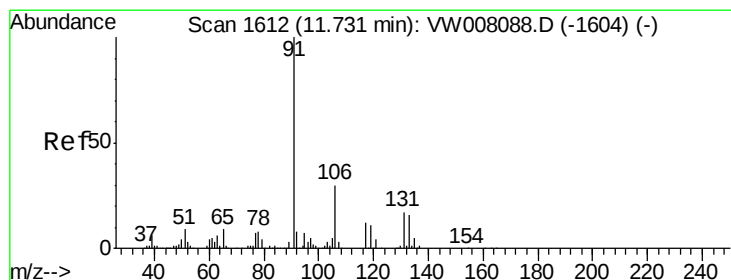
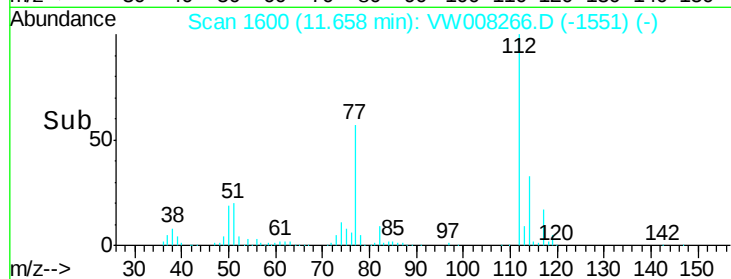
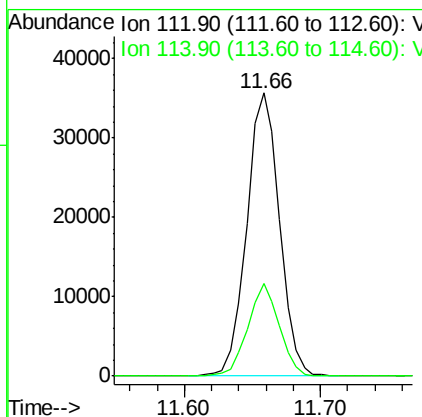
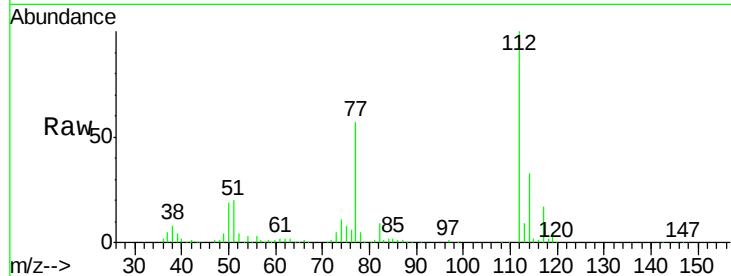
#65
Chlorobenzene
Concen: 20.835 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW008266.D
Acq: 15 Jan 2019 01:50

Instrument :
MSVOA_W
ClientSampleId :
VW0114SBSD02

Tot Ion:112 Resp: 60199
Ion Ratio Lower Upper
112 100
114 32.8 25.6 38.4

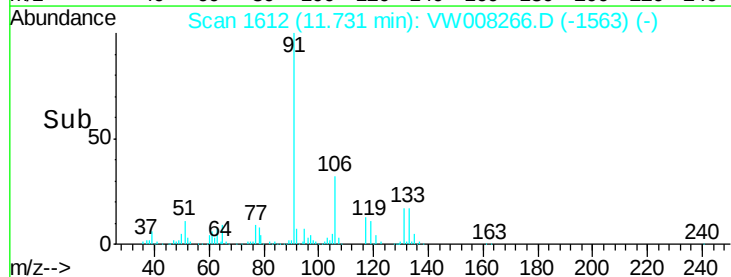
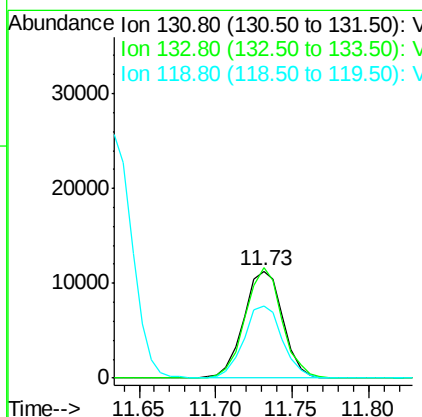
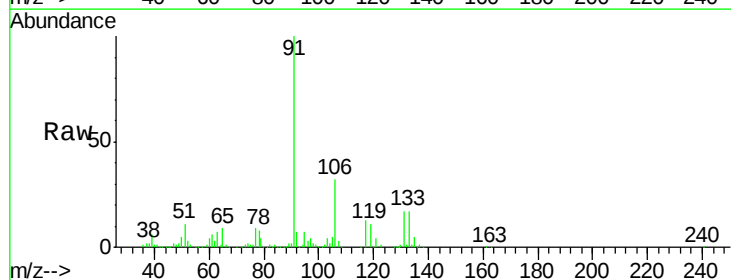
Manual Integrations
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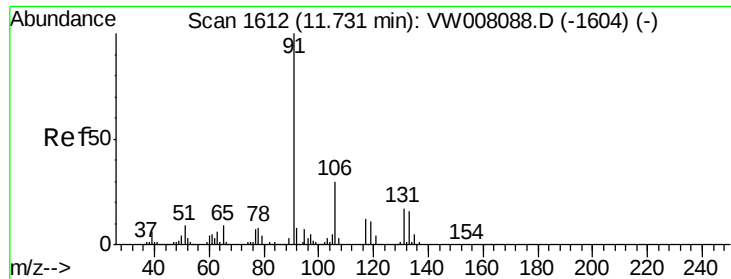
apatel
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#66
1,1,1,2-Tetrachloroethane
Concen: 21.251 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW008266.D
Acq: 15 Jan 2019 01:50

Tgt Ion:131 Resp: 19971
Ion Ratio Lower Upper
131 100
133 97.6 47.9 143.7
119 66.6 32.5 97.4





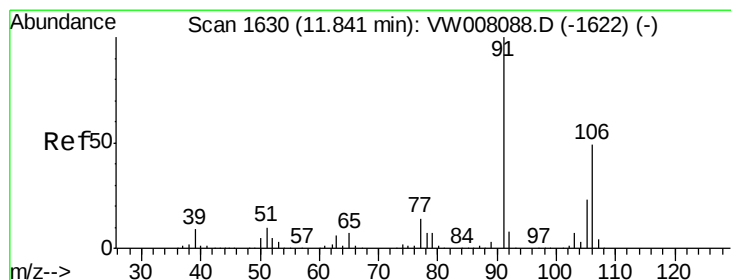
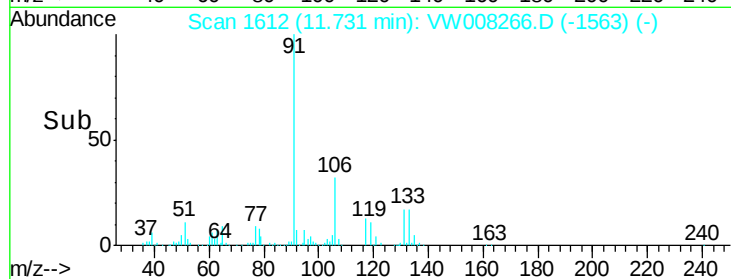
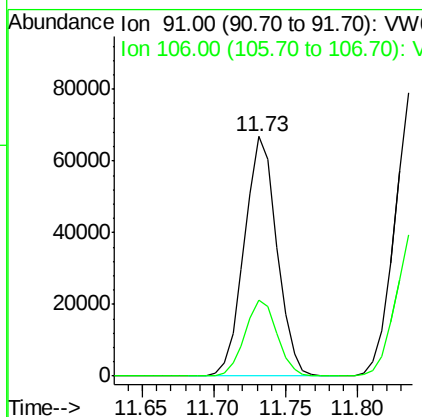
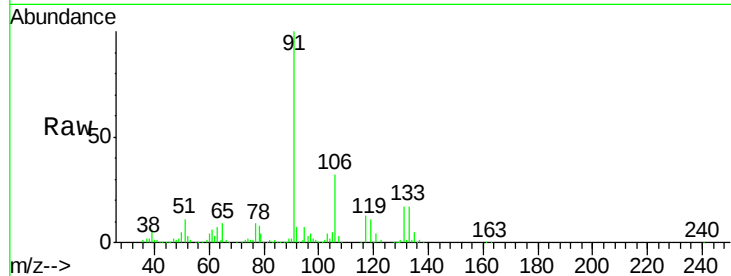
#67
Ethyl Benzene
Concen: 19.838 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW008266.D
Acq: 15 Jan 2019 01:50

Instrument :
MSVOA_W
ClientSampleId :
VW0114SBSD02

Tot Ion: 91 Resp: 104878
Ion Ratio Lower Upper
91 100
106 31.9 24.2 36.4

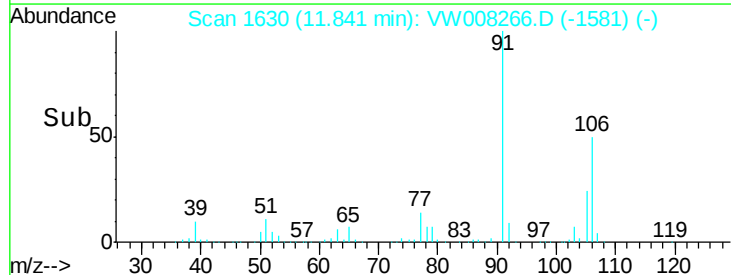
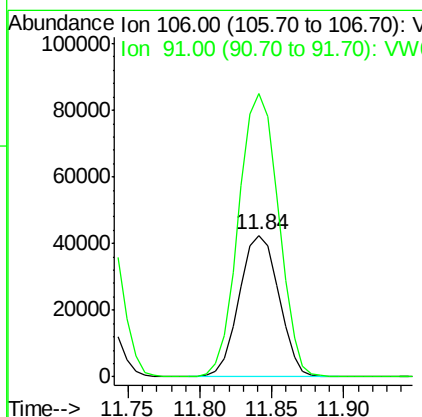
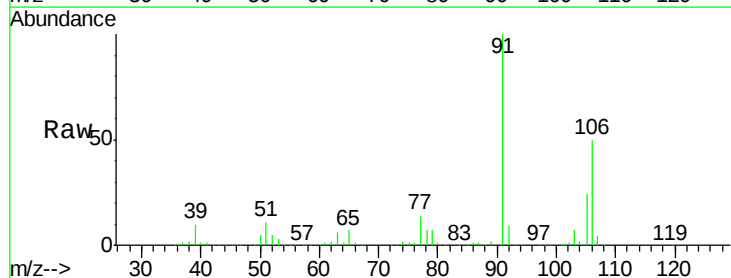
Manual Integrations
APPROVED

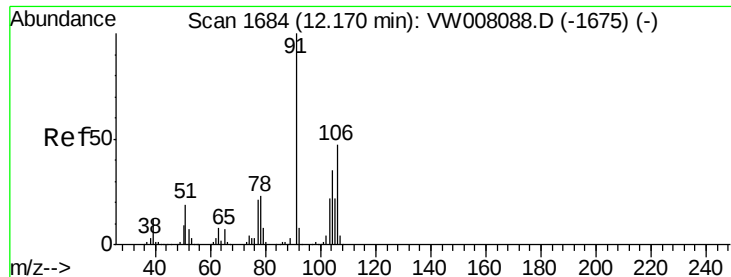
apatel
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#68
m/p-Xylenes
Concen: 40.320 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW008266.D
Acq: 15 Jan 2019 01:50

Tgt Ion: 106 Resp: 81361
Ion Ratio Lower Upper
106 100
91 201.4 162.4 243.6





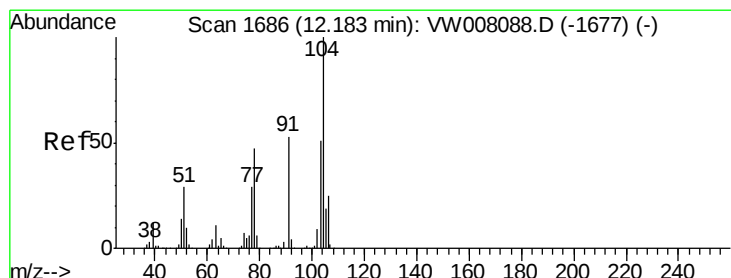
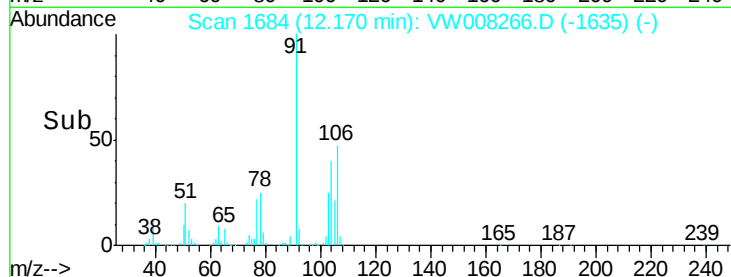
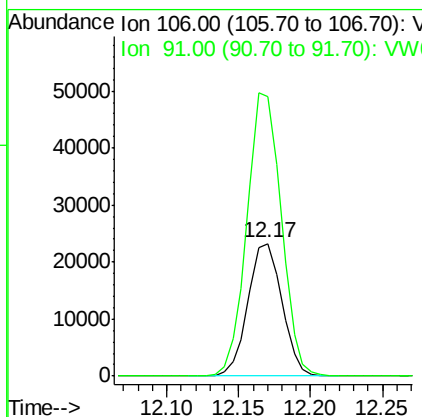
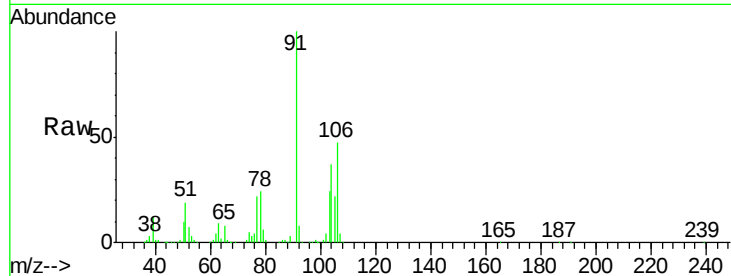
#69
o-Xylene
Concen: 20.342 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW008266.D
Acq: 15 Jan 2019 01:50

Instrument :
MSVOA_W
ClientSampleId :
VW0114SBS02

Tot Ion:106 Resp: 38013
Ion Ratio Lower Upper
106 100
91 215.4 107.8 323.6

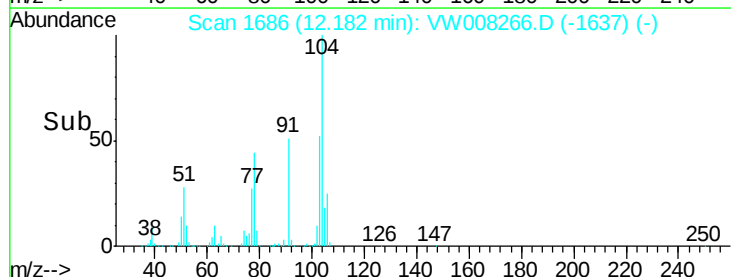
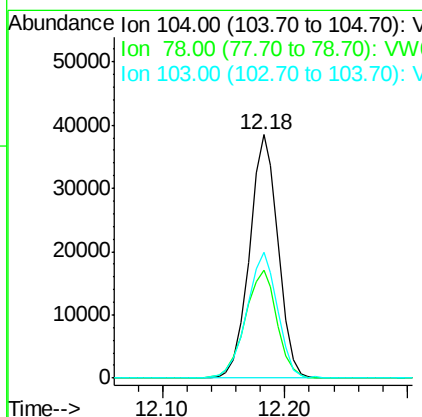
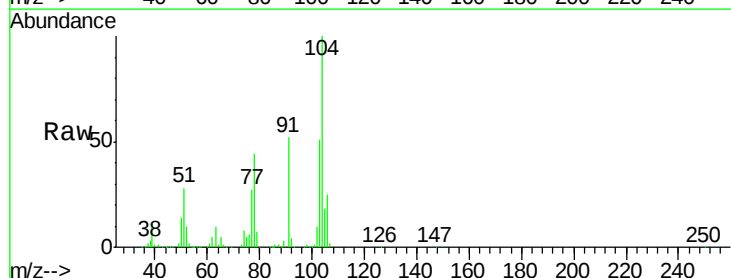
Manual Integrations
APPROVED

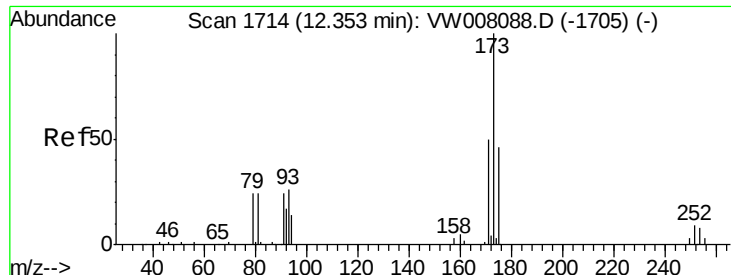
apatel
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#70
Styrene
Concen: 21.344 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW008266.D
Acq: 15 Jan 2019 01:50

Tgt Ion:104 Resp: 62472
Ion Ratio Lower Upper
104 100
78 49.4 41.8 62.8
103 55.8 43.8 65.8





#71

Bromoform

Concen: 23.638 ug/l

RT: 12.35 min Scan# 1713

Delta R.T. -0.01 min

Lab File: VW008266.D

Acq: 15 Jan 2019 01:50

Instrument :

MSVOA_W

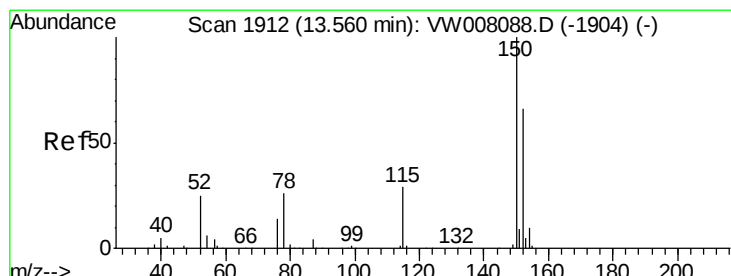
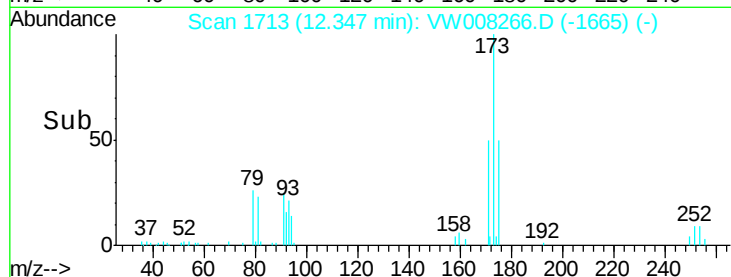
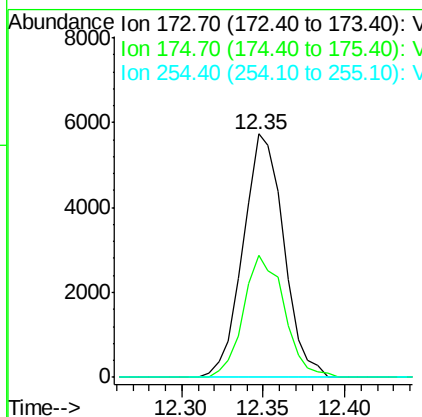
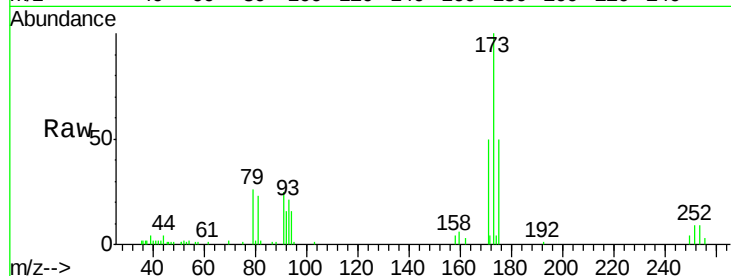
ClientSampleId :

VW0114SBSD02

Tot Ion:	173	Resp:	9942
Ion	Ratio	Lower	Upper
173	100		
175	50.4	23.3	69.8
254	0.0	0.0	0.0

Manual Integrations
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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

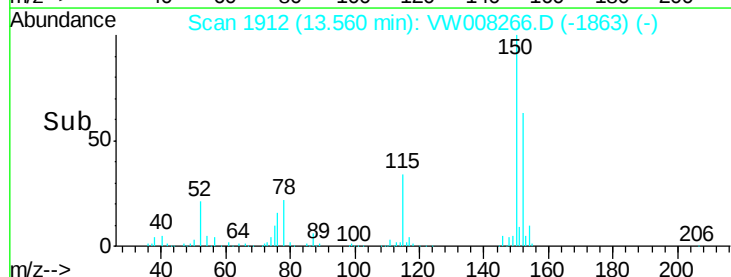
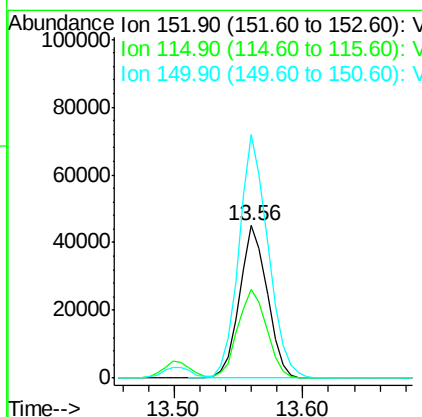
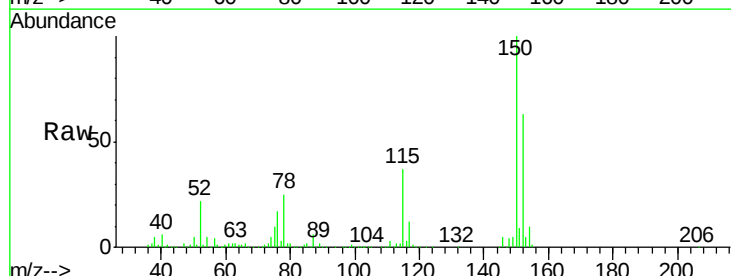
RT: 13.56 min Scan# 1912

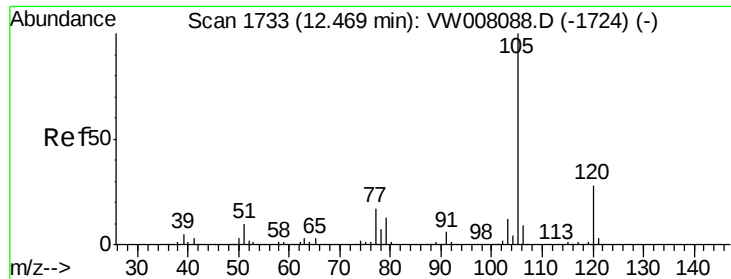
Delta R.T. -0.00 min

Lab File: VW008266.D

Acq: 15 Jan 2019 01:50

Tgt Ion:	152	Resp:	66906
Ion	Ratio	Lower	Upper
152	100		
115	61.1	30.8	92.4
150	168.2	0.0	350.2





#73

Isopropylbenzene

Concen: 19.708 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. -0.00 min

Lab File: VW008266.D

Acq: 15 Jan 2019 01:50

Instrument :

MSVOA_W

ClientSampleId :

VW0114SBSD02

Tot Ion: 105 Resp: 103519

Ion Ratio Lower Upper

105 100

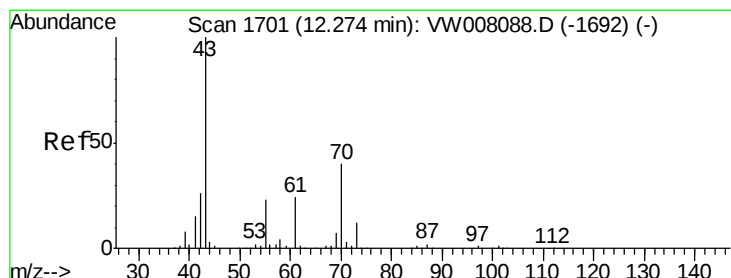
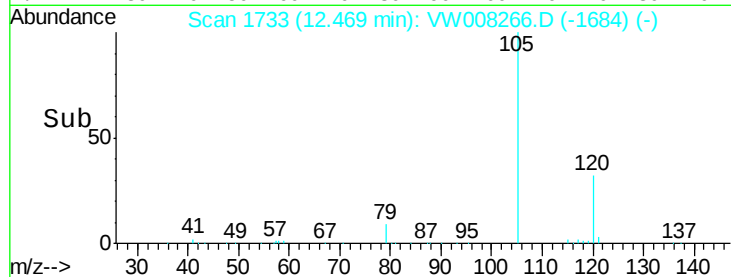
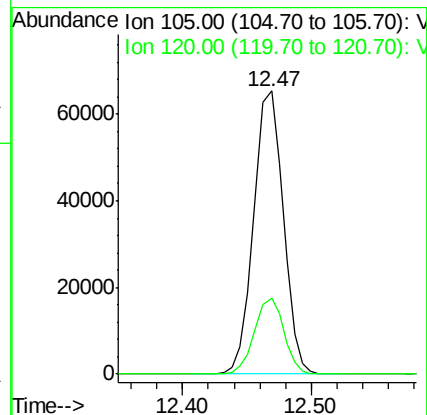
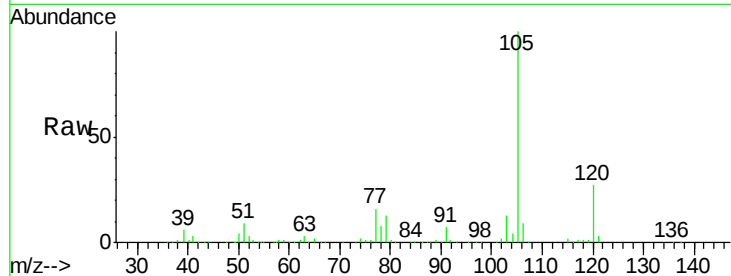
120 26.9 13.6 40.8

Manual Integrations

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#74

N-ethyl acetate

Concen: 19.918 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. -0.00 min

Lab File: VW008266.D

Acq: 15 Jan 2019 01:50

Tgt Ion: 43 Resp: 23170

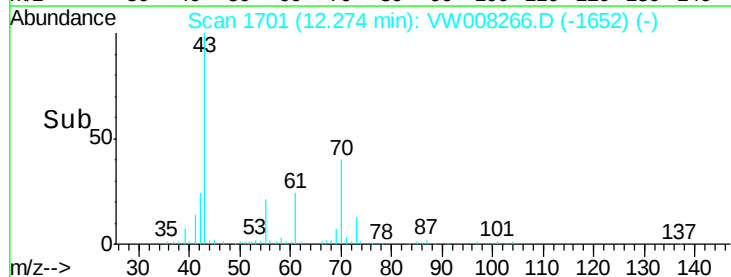
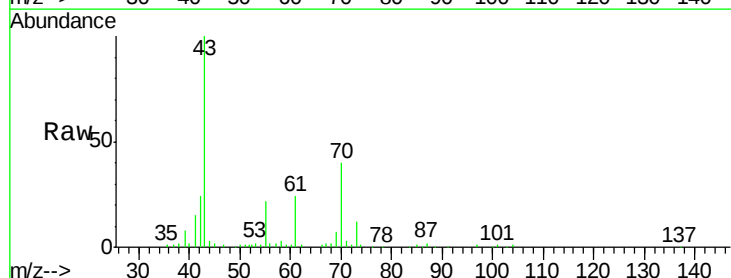
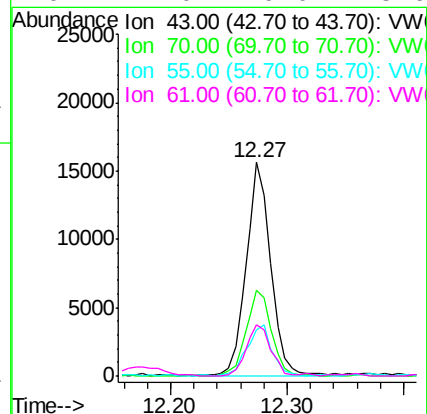
Ion Ratio Lower Upper

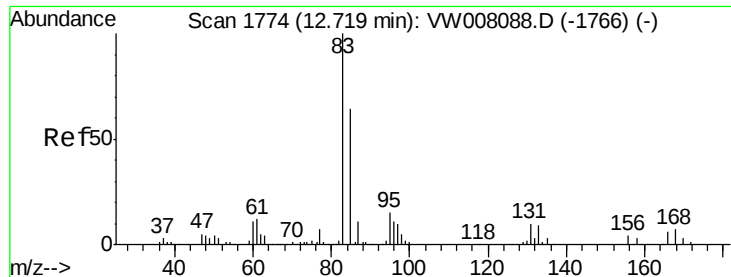
43 100

70 40.9 32.4 48.6

55 24.9 18.7 28.1

61 24.0 19.0 28.6





#75

1,1,2,2-Tetrachloroethane

Concen: 21.951 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. -0.01 min

Lab File: VW008266.D

Acq: 15 Jan 2019 01:50

Instrument :

MSVOA_W

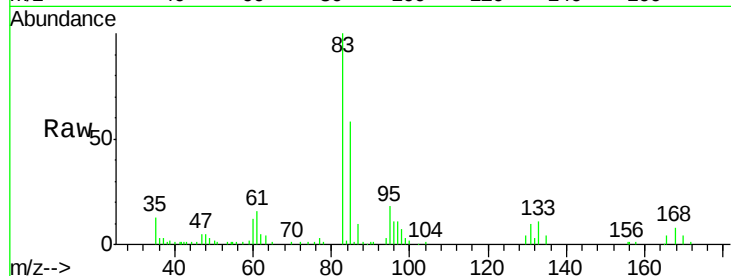
ClientSampled :

VW0114SBSD02

Tot Ion:	83	Resp:	18456
Ion Ratio	Lower	Upper	
83	100		
131	11.0	5.3	16.1
85	64.5	32.4	97.2

Manual Integrations
APPROVED

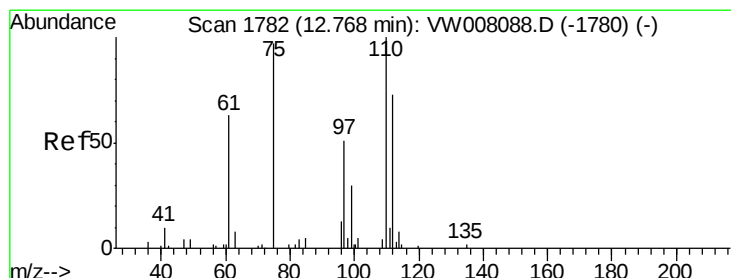
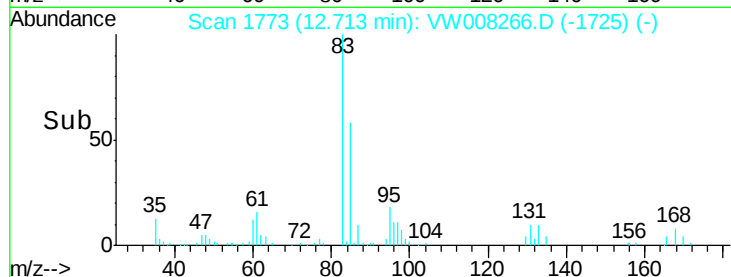
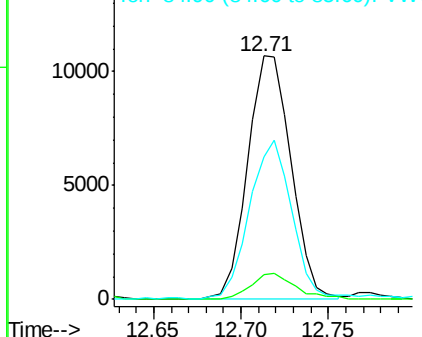
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Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): VW

Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 22.068 ug/l m

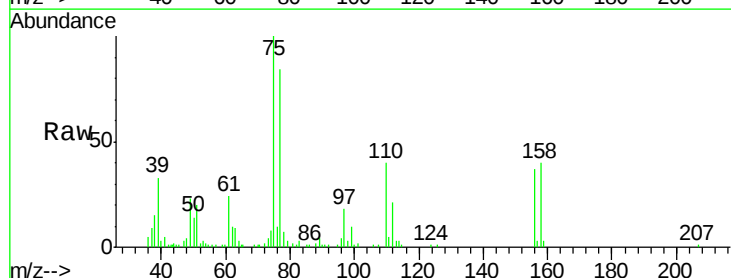
RT: 12.77 min Scan# 1782

Delta R.T. -0.00 min

Lab File: VW008266.D

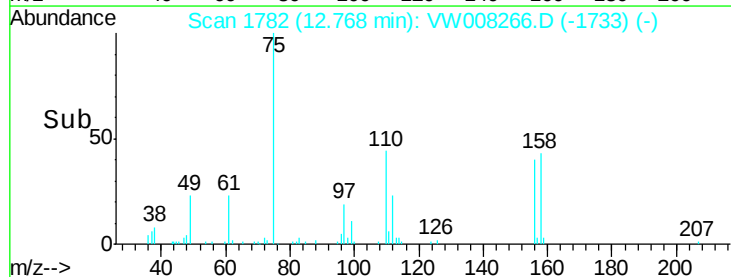
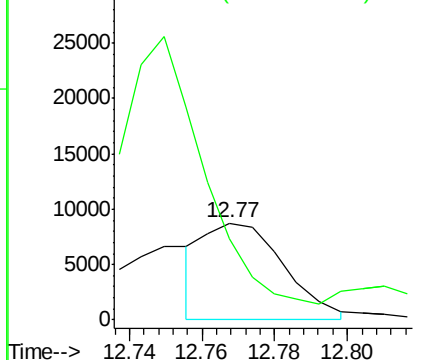
Acq: 15 Jan 2019 01:50

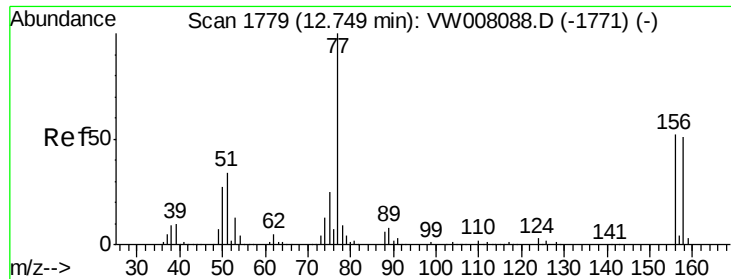
Tgt Ion:	75	Resp:	13460
Ion Ratio	Lower	Upper	
75	100		
77	338.0	179.4	538.2



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 21.462 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VW008266.D

Acq: 15 Jan 2019 01:50

Instrument :

MSVOA_W

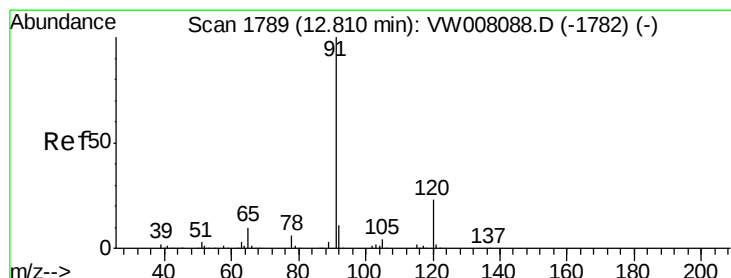
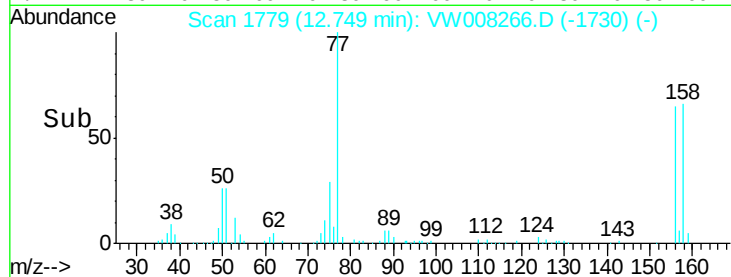
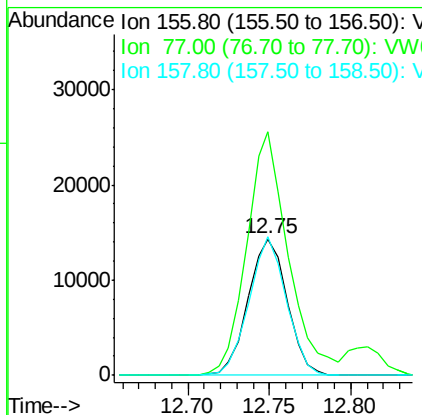
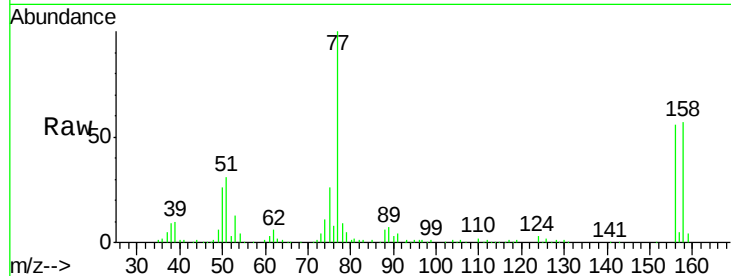
ClientSampleId :

VW0114SBSD02

Tot Ion	Ratio	Lower	Upper
156	100		
77	191.0	104.2	312.5
158	97.1	47.9	143.6

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#78

n-propylbenzene

Concen: 19.581 ug/l

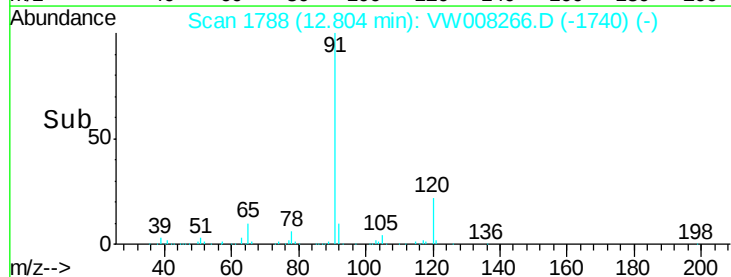
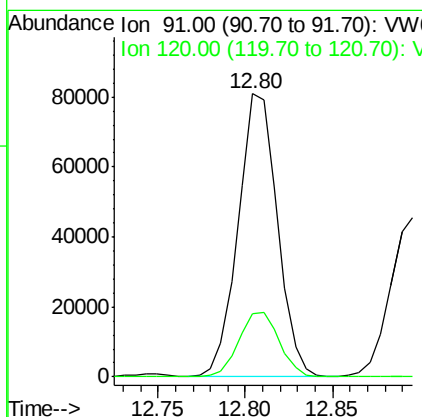
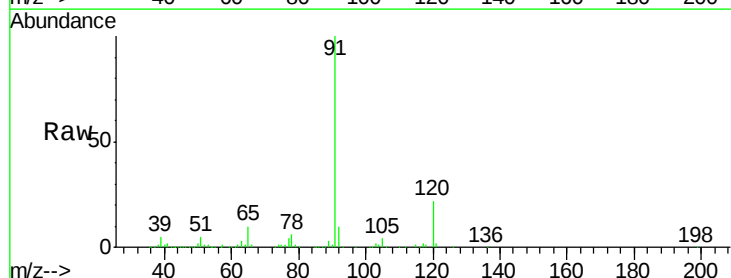
RT: 12.80 min Scan# 1788

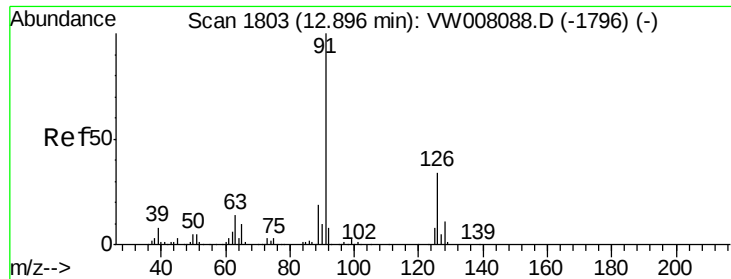
Delta R.T. -0.01 min

Lab File: VW008266.D

Acq: 15 Jan 2019 01:50

Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.5	11.3	33.8





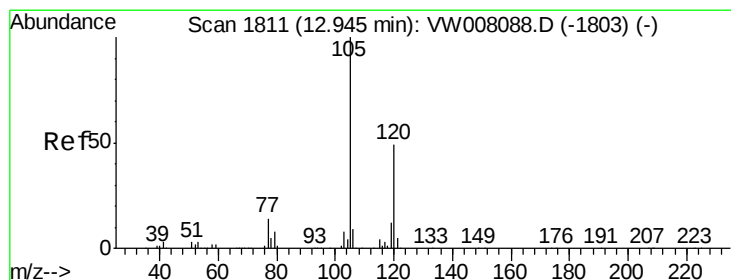
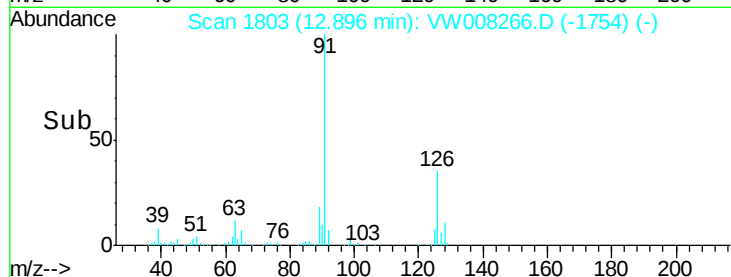
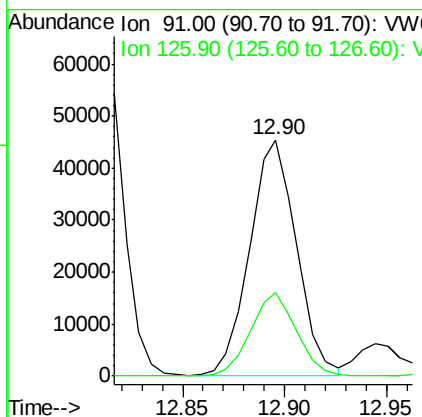
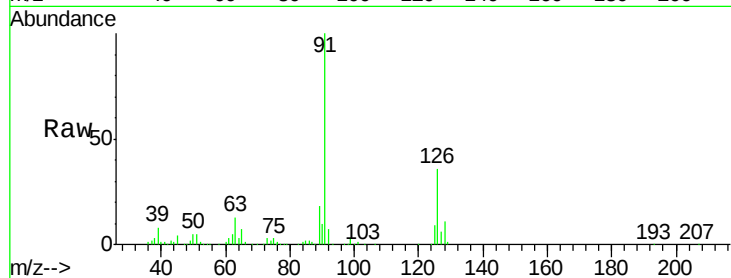
#79
 2-Chlorotoluene
 Concen: 20.131 ug/l
 RT: 12.90 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VW008266.D
 Acq: 15 Jan 2019 01:50

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0114SBSD02

Tot Ion: 91 Resp: 72286
 Ion Ratio Lower Upper
 91 100
 126 34.6 16.8 50.3

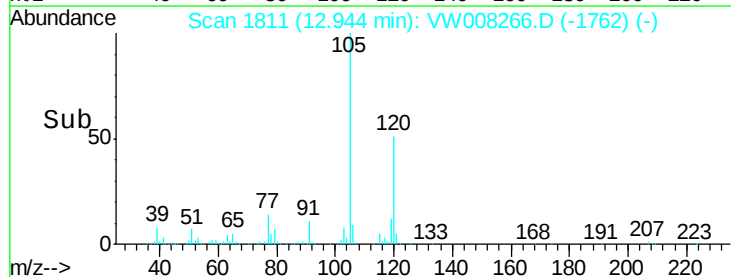
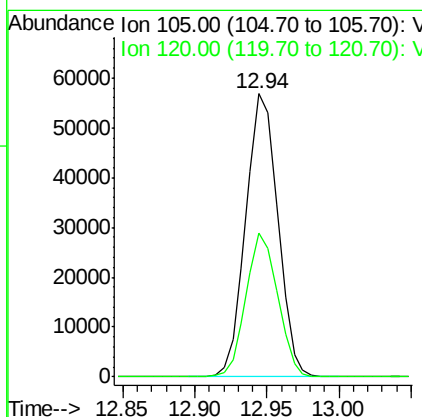
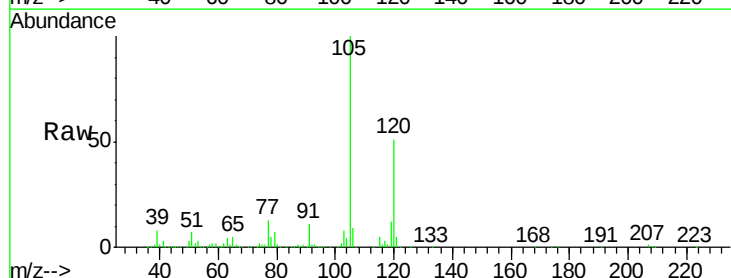
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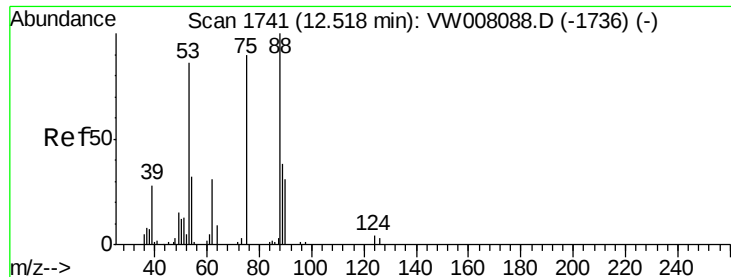
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#80
 1,3,5-Trimethylbenzene
 Concen: 20.329 ug/l
 RT: 12.94 min Scan# 1811
 Delta R.T. -0.00 min
 Lab File: VW008266.D
 Acq: 15 Jan 2019 01:50

Tgt Ion: 105 Resp: 87752
 Ion Ratio Lower Upper
 105 100
 120 50.2 24.7 74.1





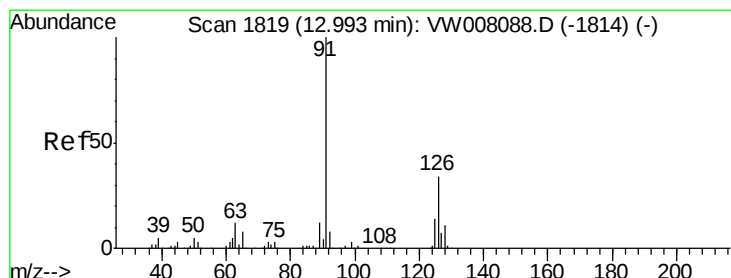
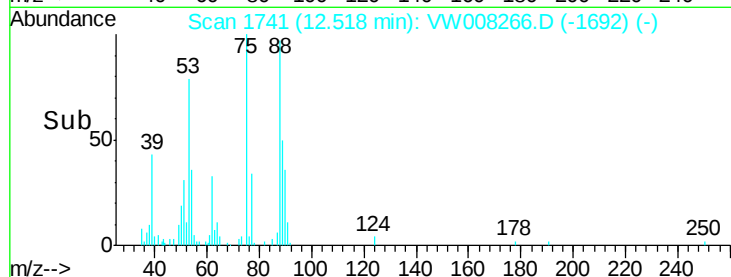
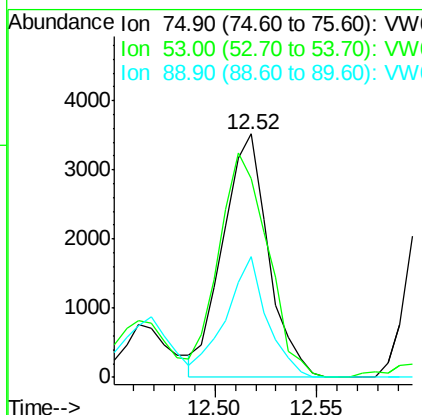
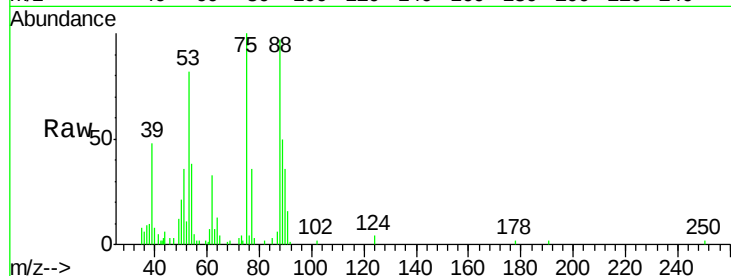
#81
trans-1,4-Dichloro-2-butene
Concen: 20.755 ug/l
RT: 12.52 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VW008266.D
Acq: 15 Jan 2019 01:50

Instrument :
MSVOA_W
ClientSampleId :
VW0114SBSD02

Tot Ion	Ratio	Lower	Upper
75	100		
53	99.6	78.8	118.2
89	44.8	35.4	53.2

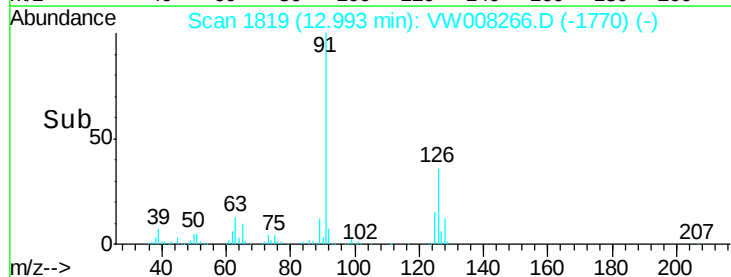
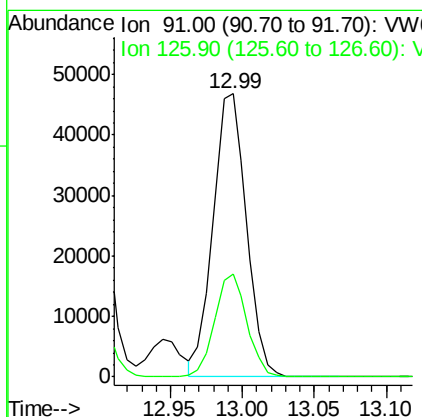
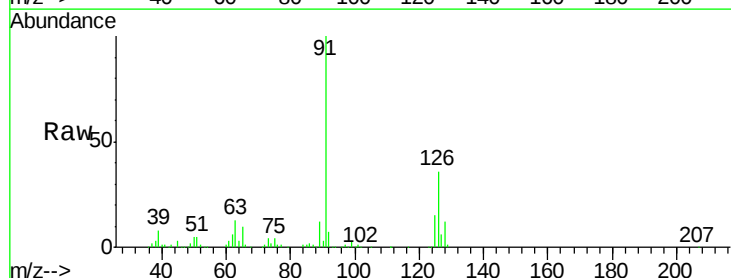
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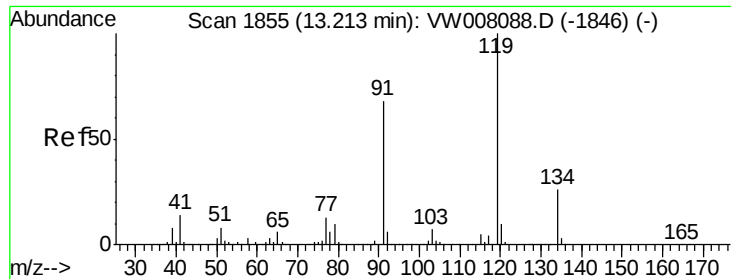
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#82
4-Chlorotoluene
Concen: 20.125 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. -0.00 min
Lab File: VW008266.D
Acq: 15 Jan 2019 01:50

Tgt Ion	Ratio	Lower	Upper
91	100		
126	35.2	16.5	49.5





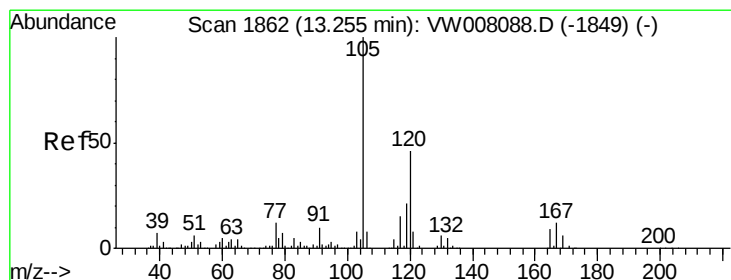
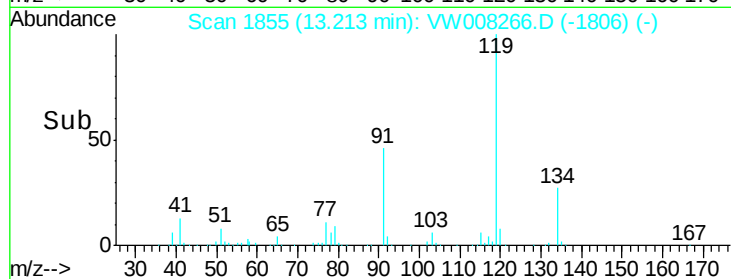
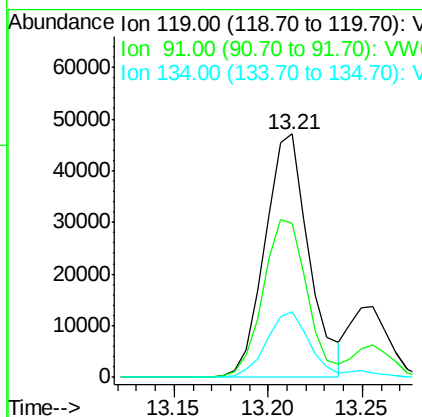
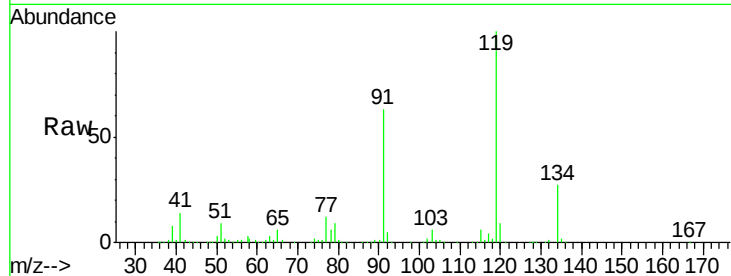
#83
 tert-Butylbenzene
 Concen: 19.989 ug/l
 RT: 13.21 min Scan# 1855
 Delta R.T. -0.00 min
 Lab File: VW008266.D
 Acq: 15 Jan 2019 01:50

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0114SBSD02

Tot Ion	Ratio	Lower	Upper
119	100		
91	65.0	33.9	101.6
134	28.2	13.6	40.8

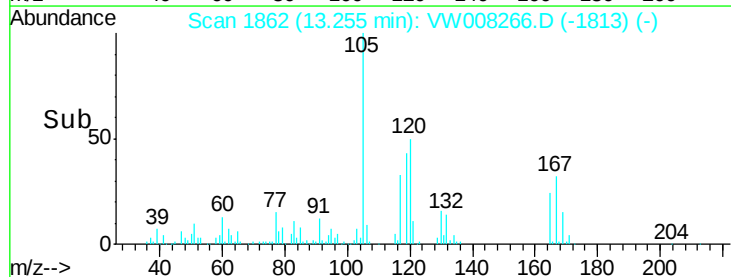
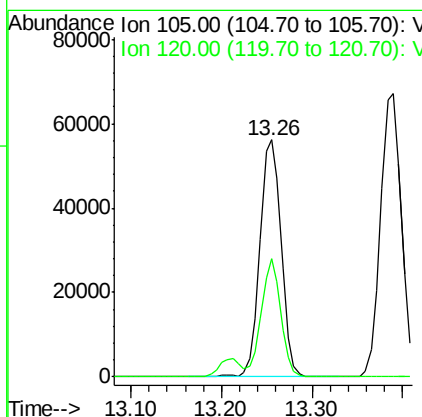
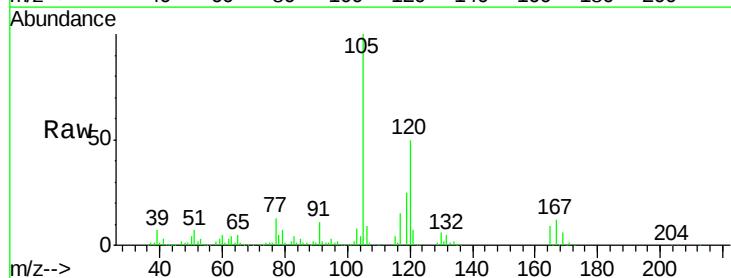
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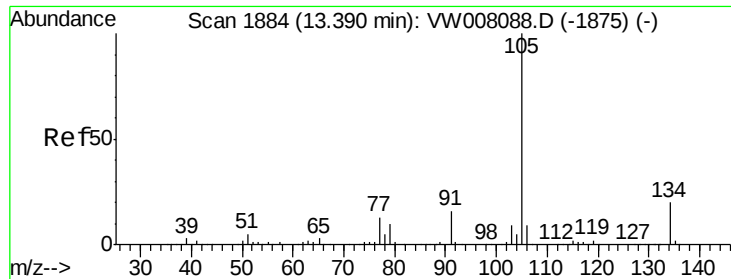
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#84
 1,2,4-Trimethylbenzene
 Concen: 20.455 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. -0.00 min
 Lab File: VW008266.D
 Acq: 15 Jan 2019 01:50

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.8	22.7	68.1





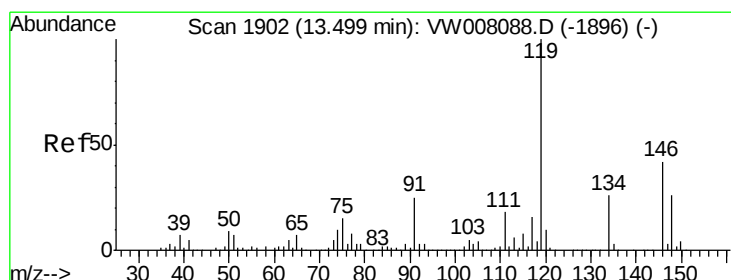
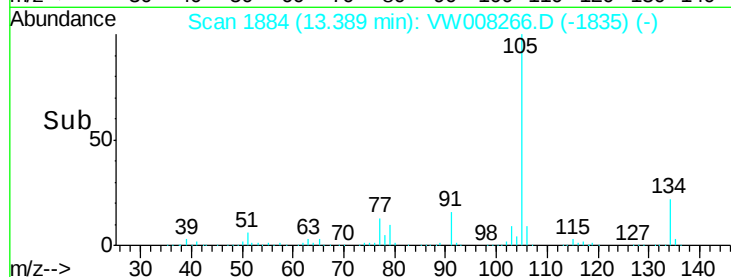
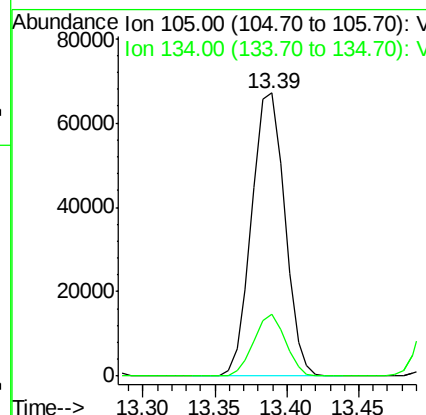
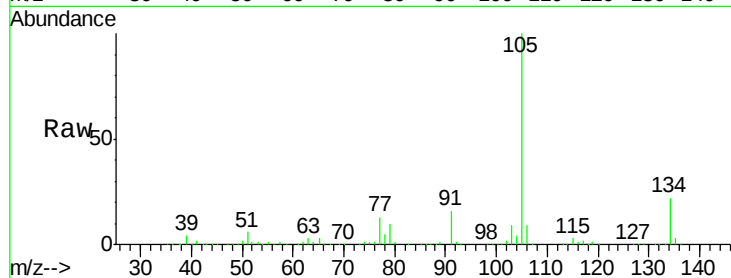
#85
 sec-Butylbenzene
 Concen: 19.098 ug/l
 RT: 13.39 min Scan# 1884
 Delta R.T. -0.00 min
 Lab File: VW008266.D
 Acq: 15 Jan 2019 01:50

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0114SBSD02

Tot Ion	Ratio	Lower	Upper
105	100		
134	20.9	10.1	30.1

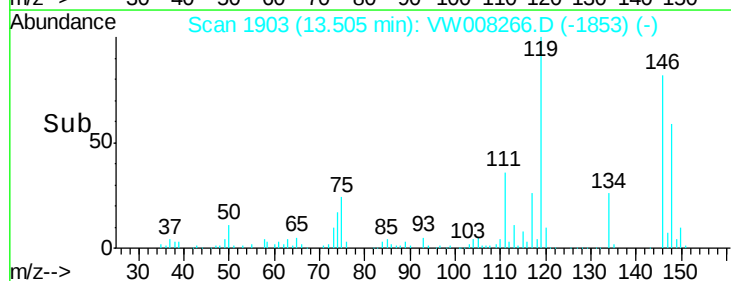
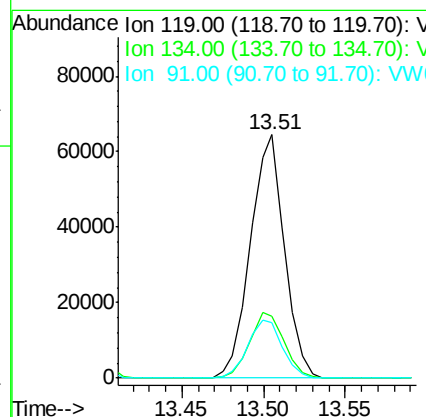
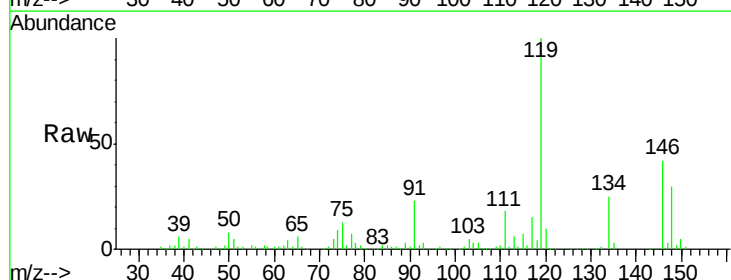
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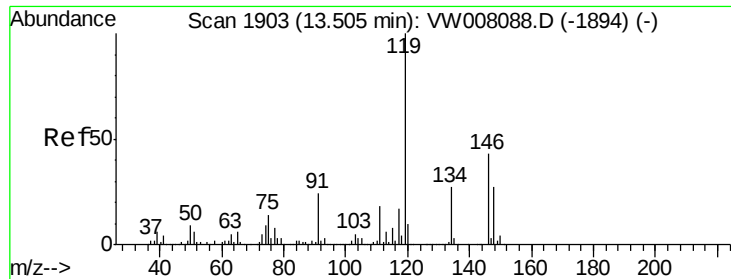
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#86
 p-Isopropyltoluene
 Concen: 19.363 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. 0.01 min
 Lab File: VW008266.D
 Acq: 15 Jan 2019 01:50

Tgt Ion	Ratio	Lower	Upper
119	100		
134	27.4	13.3	39.8
91	24.4	12.3	36.9





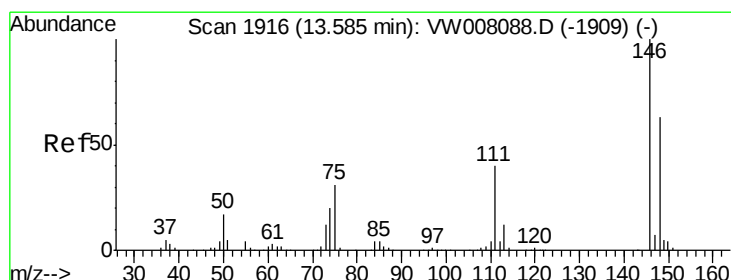
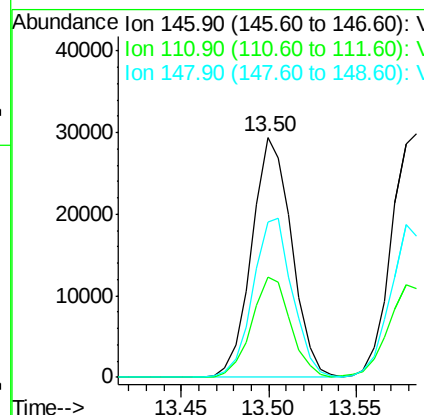
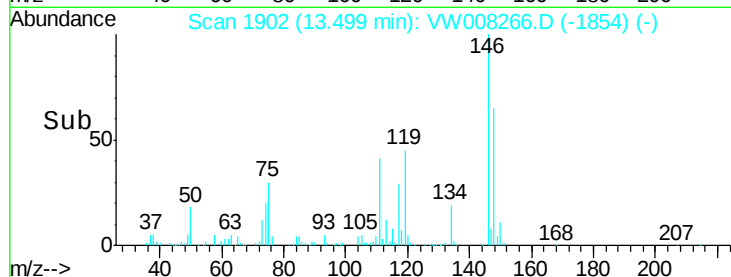
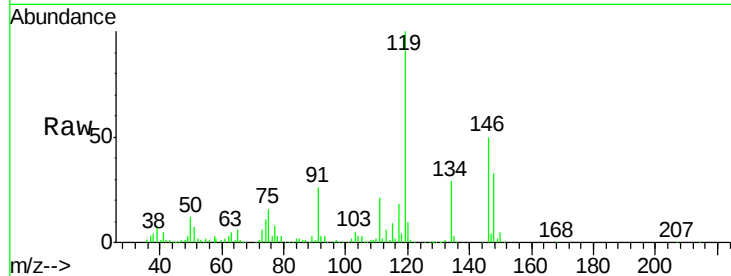
#87
 1,3-Dichlorobenzene
 Concen: 20.831 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.01 min
 Lab File: VW008266.D
 Acq: 15 Jan 2019 01:50

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0114SBSD02

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.6	21.1	63.1
148	65.8	31.3	93.9

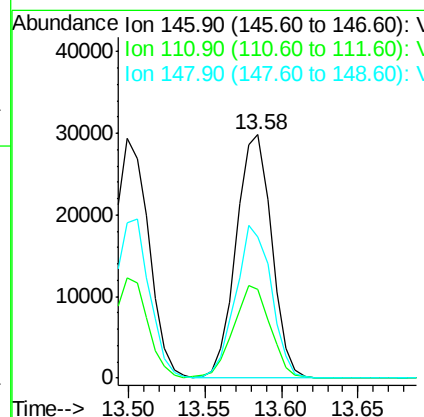
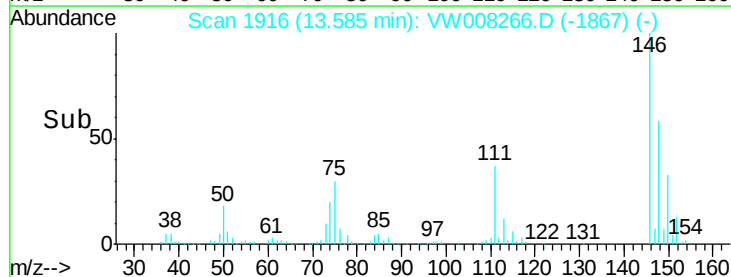
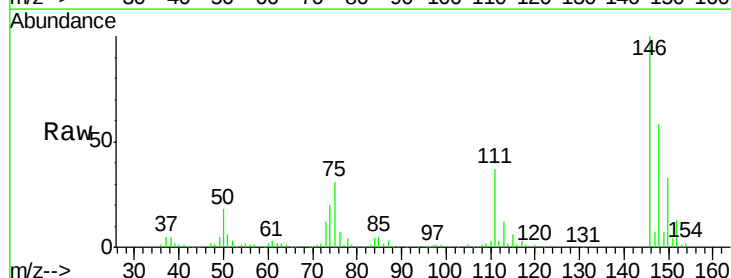
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#88
 1,4-Dichlorobenzene
 Concen: 21.251 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. -0.00 min
 Lab File: VW008266.D
 Acq: 15 Jan 2019 01:50

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.7	20.5	61.5
148	63.4	31.6	94.8





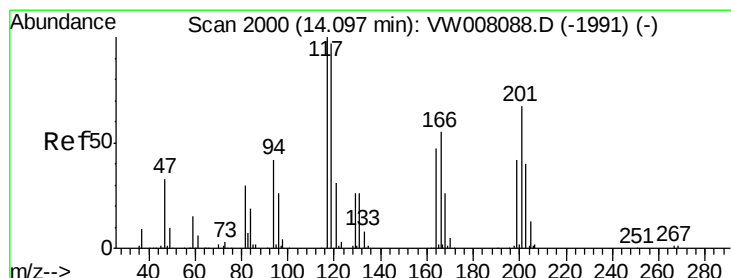
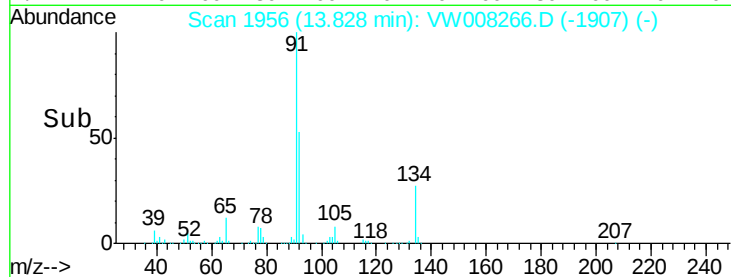
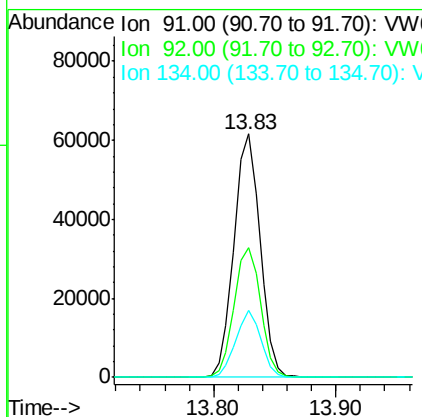
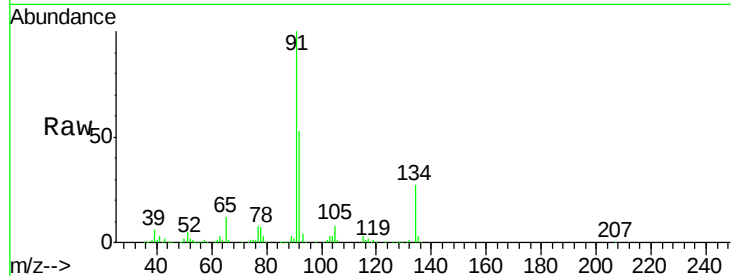
#89
n-Butylbenzene
Concen: 19.201 ug/l
RT: 13.83 min Scan# 1956
Delta R.T. -0.00 min
Lab File: VW008266.D
Acq: 15 Jan 2019 01:50

Instrument :
MSVOA_W
ClientSampleId :
VW0114SBSD02

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.1	27.4	82.2
134	26.5	12.6	37.8

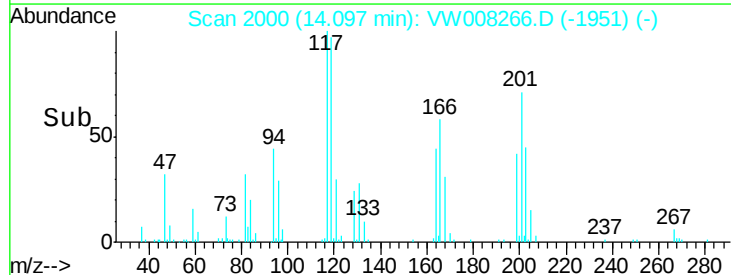
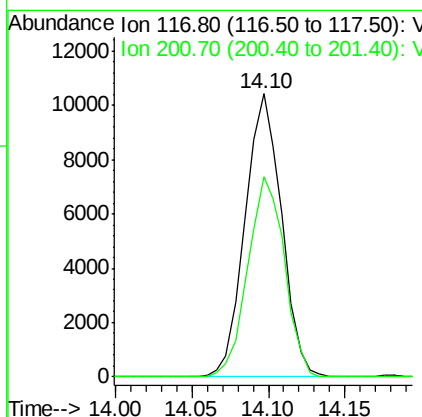
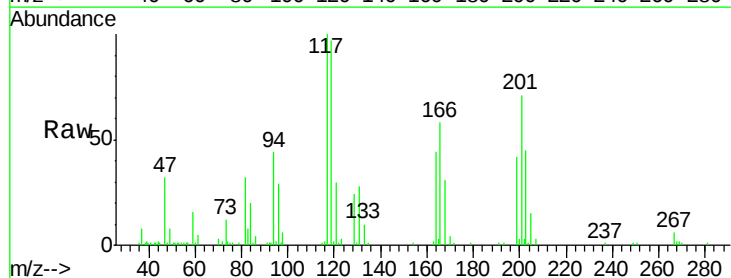
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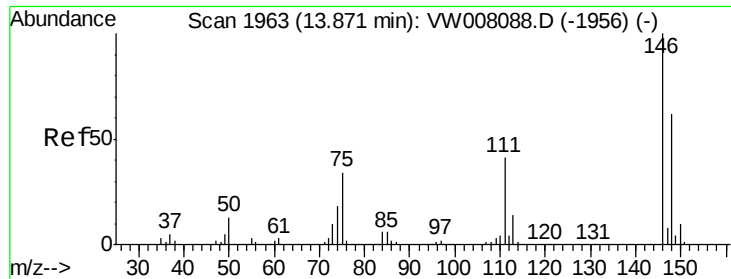
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#90
Hexachloroethane
Concen: 21.208 ug/l
RT: 14.10 min Scan# 2000
Delta R.T. -0.00 min
Lab File: VW008266.D
Acq: 15 Jan 2019 01:50

Tgt Ion	Ratio	Lower	Upper
117	100		
201	70.7	33.0	98.9





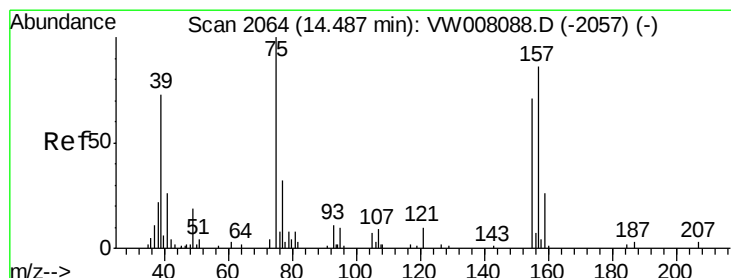
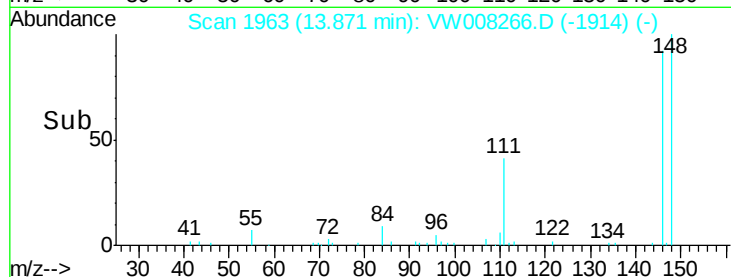
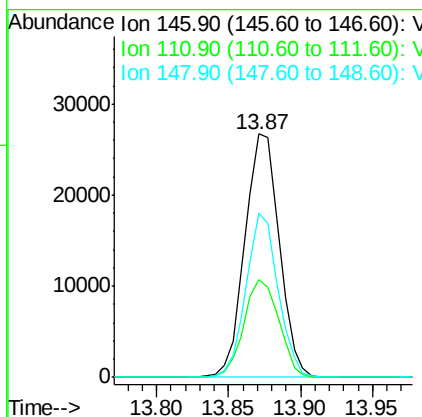
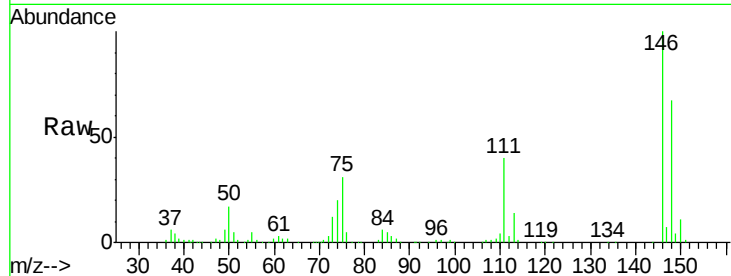
#91
 1,2-Dichlorobenzene
 Concen: 22.303 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. -0.00 min
 Lab File: VW008266.D
 Acq: 15 Jan 2019 01:50

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0114SBSD02

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.0	21.3	63.7
148	62.7	31.5	94.5

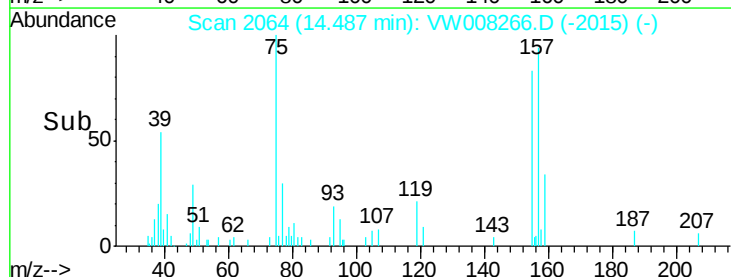
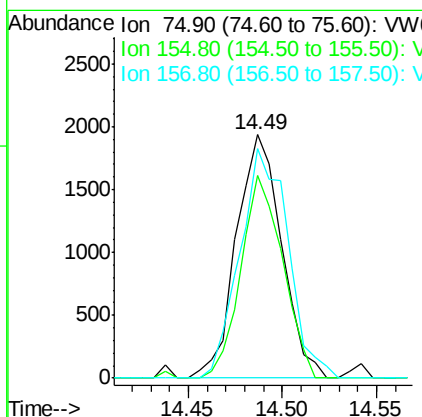
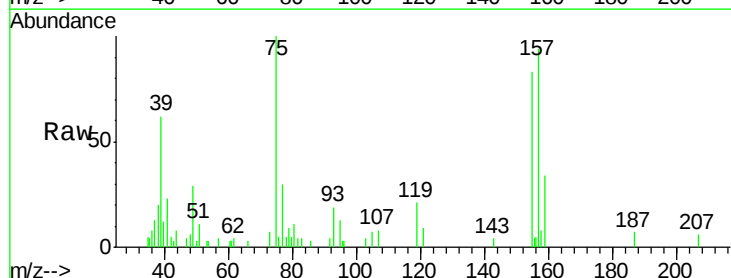
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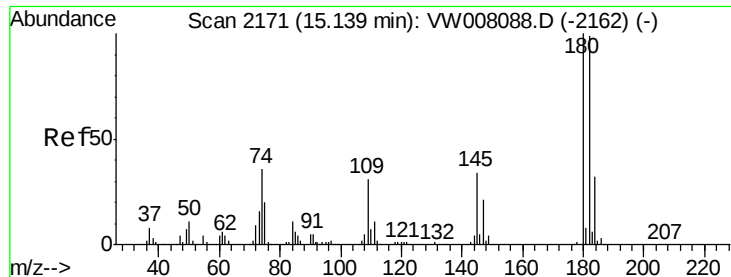
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 23.827 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. -0.00 min
 Lab File: VW008266.D
 Acq: 15 Jan 2019 01:50

Tgt Ion	Ratio	Lower	Upper
75	100		
155	76.6	38.6	115.7
157	100.1	47.5	142.6





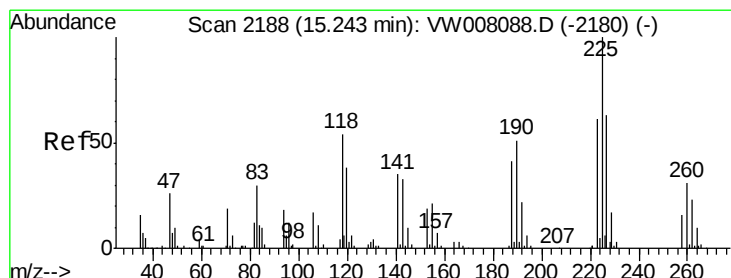
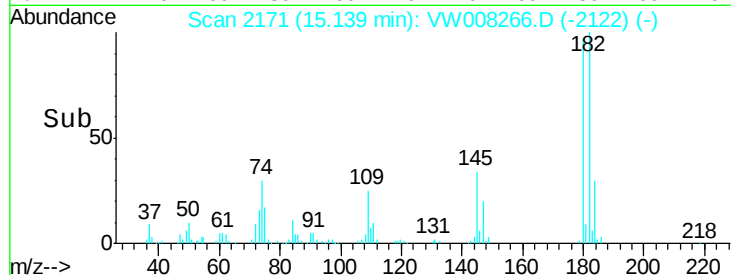
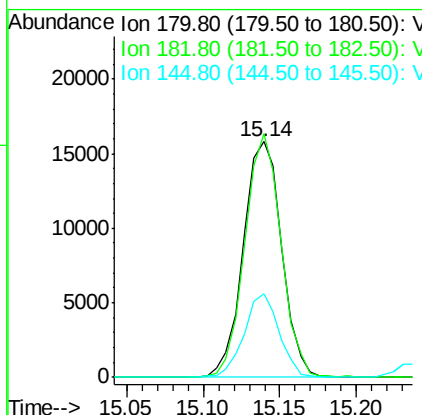
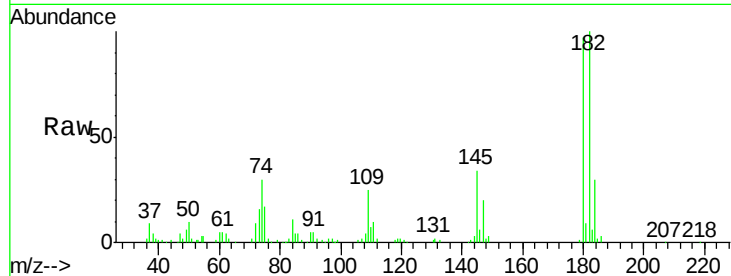
#93
 1,2,4-Trichlorobenzene
 Concen: 20.961 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. -0.00 min
 Lab File: VW008266.D
 Acq: 15 Jan 2019 01:50

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0114SBS02

Tot Ion	Ratio	Resp	Lower	Upper
180	100	27536		
182	97.4	48.6	145.9	
145	32.6	16.6	49.7	

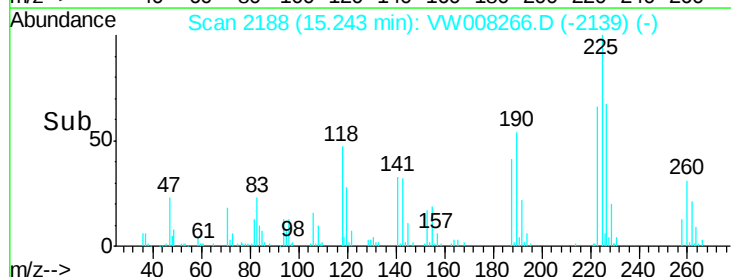
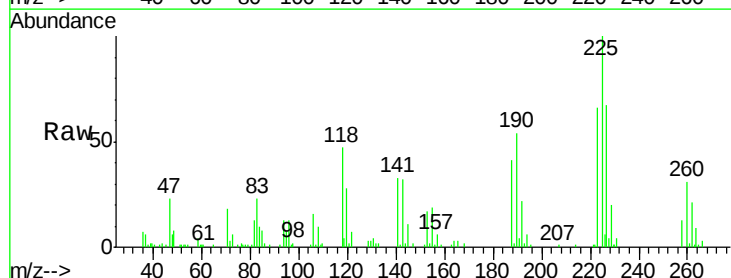
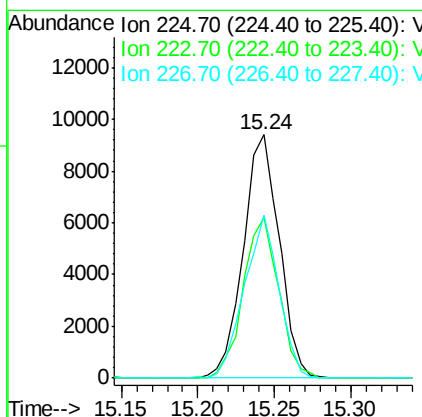
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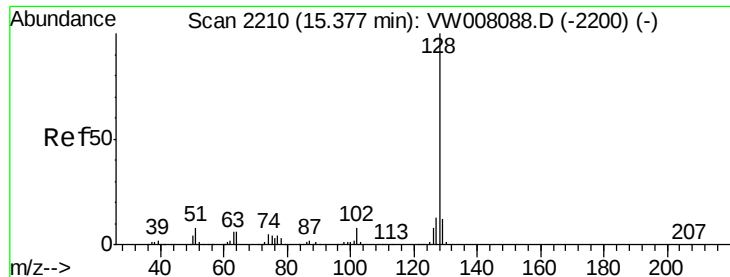
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#94
 Hexachlorobutadiene
 Concen: 21.861 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. -0.00 min
 Lab File: VW008266.D
 Acq: 15 Jan 2019 01:50

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	15371		
223	65.0	31.4	94.3	
227	64.4	32.0	96.2	





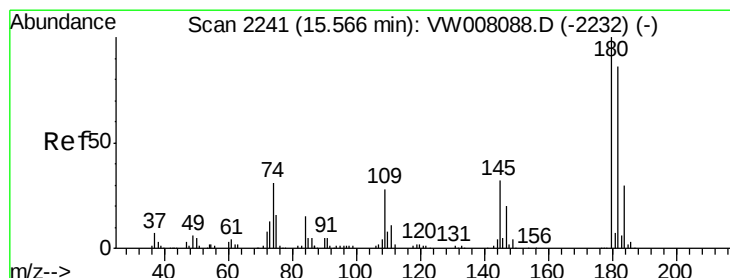
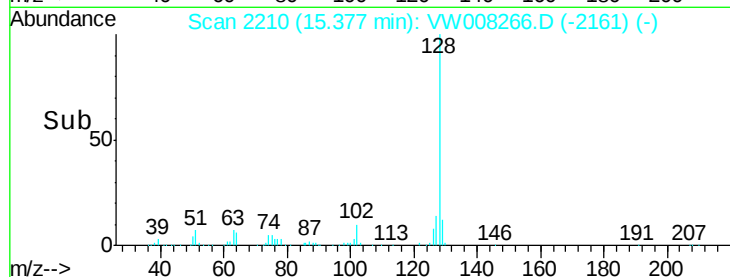
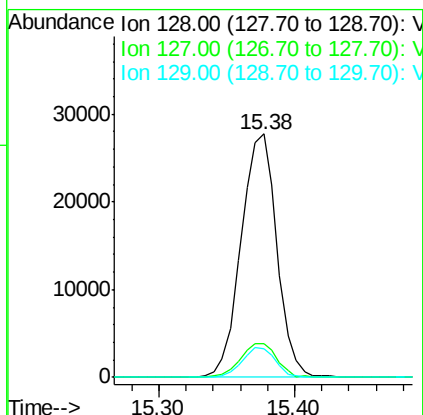
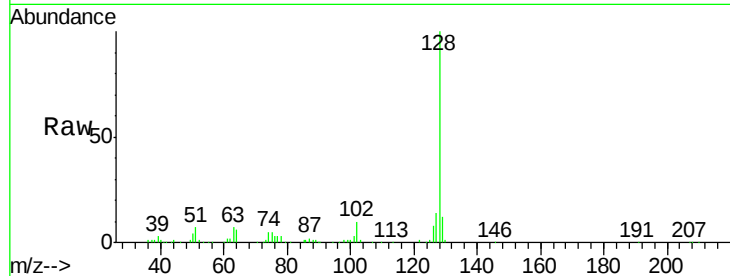
#95
Naphthalene
Concen: 20.784 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. -0.00 min
Lab File: VW008266.D
Acq: 15 Jan 2019 01:50

Instrument :
MSVOA_W
ClientSampleId :
VW0114SBSD02

Tot Ion	Ratio	Lower	Upper
128	100		
127	14.0	11.0	16.4
129	11.7	9.0	13.6

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 22.433 ug/l
RT: 15.56 min Scan# 2240
Delta R.T. -0.01 min
Lab File: VW008266.D
Acq: 15 Jan 2019 01:50

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.4	46.5	139.3
145	33.5	17.4	52.2

