

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW011119\
 Data File : VW008236.D
 Acq On : 12 Jan 2019 12:00
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
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 1/14/2019 2:42:44 PM

Quant Time: Jan 14 11:10:51 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	80276	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	144145	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	135073	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	68161	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	47112	52.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.44%	
35) Dibromofluoromethane	7.88	113	44716	53.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.38%	
50) Toluene-d8	10.32	98	177390	50.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.56%	
62) 4-Bromofluorobenzene	12.62	95	62034	49.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.10%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	26486	40.427	ug/l	99
3) Chloromethane	2.21	50	37991	44.697	ug/l	98
4) Vinyl Chloride	2.37	62	49186	44.338	ug/l	99
5) Bromomethane	2.78	94	41588	50.045	ug/l	95
6) Chloroethane	2.93	64	34315	41.108	ug/l	97
7) Trichlorofluoromethane	3.26	101	37045	41.076	ug/l	93
8) Diethyl Ether	3.68	74	25543	50.100	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	4.06	101	39207	43.787	ug/l	96
10) Methyl Iodide	4.26	142	64476	49.407	ug/l	98
11) Tert butyl alcohol	5.21	59	14290	259.552	ug/l #	100
12) 1,1-Dichloroethene	4.03	96	40020	45.523	ug/l	98
13) Acrolein	3.89	56	13408	223.058	ug/l	99
14) Allyl chloride	4.66	41	72983	45.725	ug/l	98
15) Acrylonitrile	5.37	53	54777	282.200	ug/l	100
16) Acetone	4.13	43	41279	254.951	ug/l #	88
17) Carbon Disulfide	4.37	76	124815	45.449	ug/l	99
18) Methyl Acetate	4.67	43	36280	63.623	ug/l	99
19) Methyl tert-butyl Ether	5.42	73	75105	52.551	ug/l	99
20) Methylene Chloride	4.91	84	50757	57.899	ug/l	91
21) trans-1,2-Dichloroethene	5.42	96	47119	49.321	ug/l	92
22) Diisopropyl ether	6.31	45	160990	52.886	ug/l	99
23) Vinyl Acetate	6.26	43	410467	256.744	ug/l	99
24) 1,1-Dichloroethane	6.21	63	89028	50.195	ug/l	99
25) 2-Butanone	7.18	43	69865	278.314	ug/l	93
26) 2,2-Dichloropropane	7.17	77	49394	41.101	ug/l	96
27) cis-1,2-Dichloroethene	7.17	96	53972	51.780	ug/l	95
28) Bromochloromethane	7.51	49	38009	54.179	ug/l	95
29) Tetrahydrofuran	7.53	42	48252	287.755	ug/l	99
30) Chloroform	7.67	83	90608	53.670	ug/l	100
31) Cyclohexane	7.95	56	78921	41.565	ug/l	97
32) 1,1,1-Trichloroethane	7.87	97	73306	49.903	ug/l	99
36) 1,1-Dichloropropene	8.08	75	69963	47.118	ug/l	98
37) Ethyl Acetate	7.25	43	31198	52.445	ug/l	97
38) Carbon Tetrachloride	8.07	117	64491	47.453	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	83477	44.338	ug/l	93
40) Benzene	8.32	78	206875	51.368	ug/l	100
41) Methacrylonitrile	7.48	41	18230	48.513	ug/l	95
42) 1,2-Dichloroethane	8.40	62	58285	51.457	ug/l	99
43) Isopropyl Acetate	8.43	43	63021	52.986	ug/l	99
44) Trichloroethene	9.09	130	51904	50.346	ug/l	97
45) 1,2-Dichloropropane	9.37	63	53322	53.397	ug/l #	88
46) Dibromomethane	9.46	93	26602	54.244	ug/l	97
47) Bromodichloromethane	9.65	83	68552	55.050	ug/l	98
48) Methyl methacrylate	9.43	41	30729	54.754	ug/l	90
49) 1,4-Dioxane	9.46	88	8825	1118.958	ug/l #	98
51) 4-Methyl-2-Pentanone	10.21	43	161910	281.228	ug/l	100
52) Toluene	10.39	92	135147	52.546	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	66796	51.568	ug/l	97
54) cis-1,3-Dichloropropene	10.07	75	78963	51.409	ug/l	96
55) 1,1,2-Trichloroethane	10.79	97	38566	56.011	ug/l	96
56) Ethyl methacrylate	10.65	69	48957	57.414	ug/l	99
57) 1,3-Dichloropropane	10.93	76	68937	54.744	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	122659	278.477	ug/l	98
59) 2-Hexanone	10.97	43	108088	277.625	ug/l	99
60) Dibromochloromethane	11.13	129	45167	59.737	ug/l	100
61) 1,2-Dibromoethane	11.24	107	38105	58.324	ug/l	99
64) Tetrachloroethene	10.86	164	48795	55.509	ug/l	97
65) Chlorobenzene	11.66	112	146079	51.048	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.73	131	49775	53.478	ug/l	99
67) Ethyl Benzene	11.73	91	256543	48.996	ug/l	97
68) m/p-Xylenes	11.84	106	198782	99.465	ug/l	98
69) o-Xylene	12.17	106	93110	50.311	ug/l	99
70) Styrene	12.18	104	156408	53.956	ug/l	98
71) Bromoform	12.35	173	25275	60.676	ug/l #	97
73) Isopropylbenzene	12.47	105	252673	47.217	ug/l	98
74) N-amyl acetate	12.27	43	56294	47.503	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	45249	52.827	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	33415m	53.777	ug/l	
77) Bromobenzene	12.75	156	56980	50.393	ug/l	93
78) n-propylbenzene	12.81	91	297885	45.431	ug/l	99
79) 2-Chlorotoluene	12.90	91	170486	46.605	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	207139	47.104	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.52	75	12598	47.214	ug/l	99
82) 4-Chlorotoluene	12.99	91	178790	46.406	ug/l	98
83) tert-Butylbenzene	13.21	119	183229	47.098	ug/l	97
84) 1,2,4-Trimethylbenzene	13.26	105	213105	46.987	ug/l	98
85) sec-Butylbenzene	13.39	105	257235	45.138	ug/l	98
86) p-Isopropyltoluene	13.50	119	226276	45.980	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	113855	49.638	ug/l	98
88) 1,4-Dichlorobenzene	13.58	146	112205	48.758	ug/l	99
89) n-Butylbenzene	13.83	91	209471	43.460	ug/l	100
90) Hexachloroethane	14.10	117	40140	48.291	ug/l	95
91) 1,2-Dichlorobenzene	13.87	146	100460	49.836	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	7202	52.247	ug/l	93

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VSTDCCC050EC

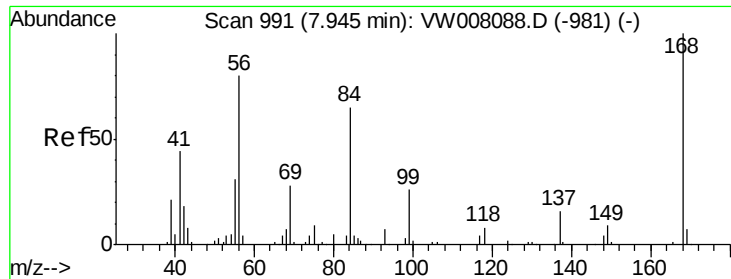
Manual Integrations
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W010819S.M
Quant Title : SW846 8260
QLast Update : Wed Jan 09 04:40:48 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	61383	45.865	ug/l	98
94) Hexachlorobutadiene	15.24	225	32254	45.027	ug/l	99
95) Naphthalene	15.37	128	122010	48.824	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	54335	47.625	ug/l	98

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



#1

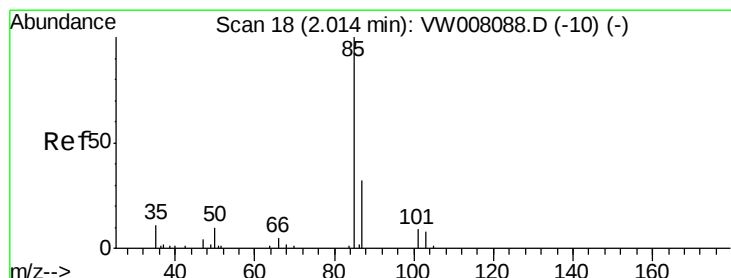
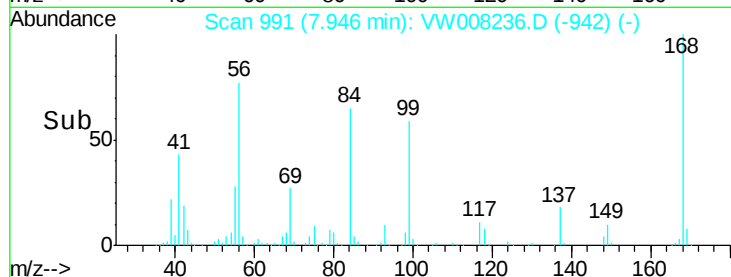
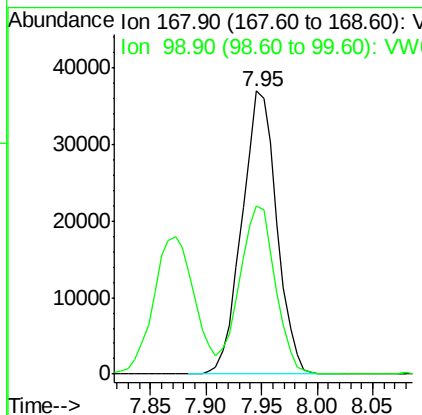
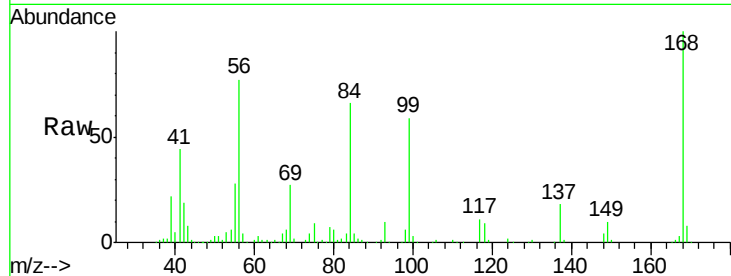
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. 0.00 min
 Lab File: VW008236.D
 Acq: 12 Jan 2019 12:00

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
168	100		
99	59.3	52.6	78.8

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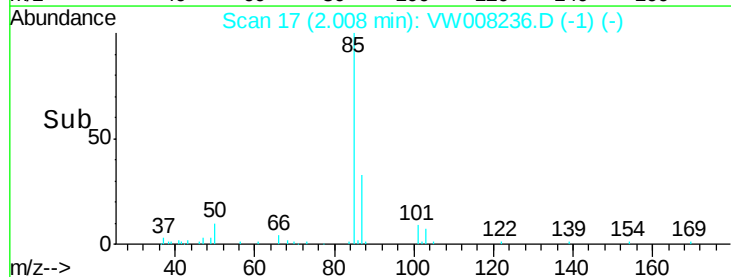
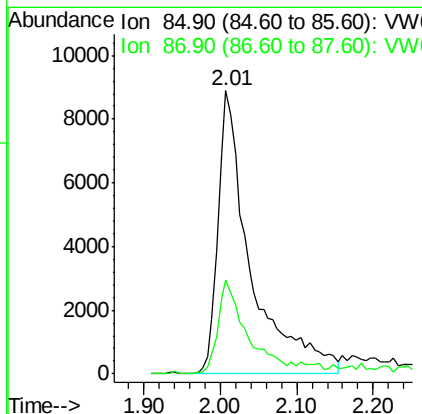
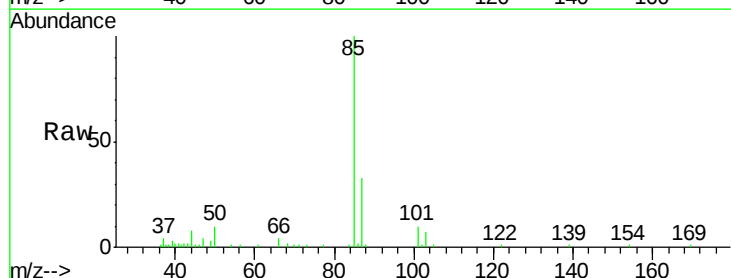
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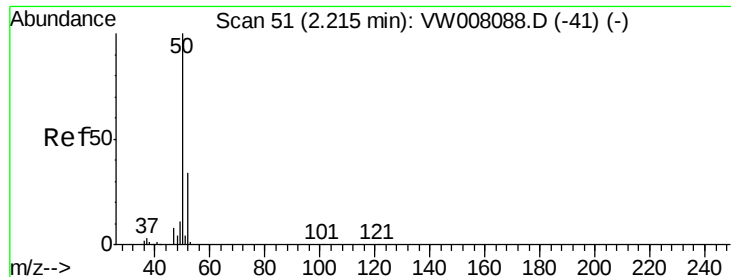


#2

Dichlorodifluoromethane
 Concen: 40.427 ug/l
 RT: 2.01 min Scan# 17
 Delta R.T. -0.01 min
 Lab File: VW008236.D
 Acq: 12 Jan 2019 12:00

Tgt Ion	Ratio	Lower	Upper
85	100		
87	33.0	16.1	48.3





#3

Chloromethane

Concen: 44.697 ug/l

RT: 2.21 min Scan# 51

Delta R.T. 0.00 min

Lab File: VW008236.D

Acq: 12 Jan 2019 12:00

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 37991

Ion Ratio Lower Upper

50 100

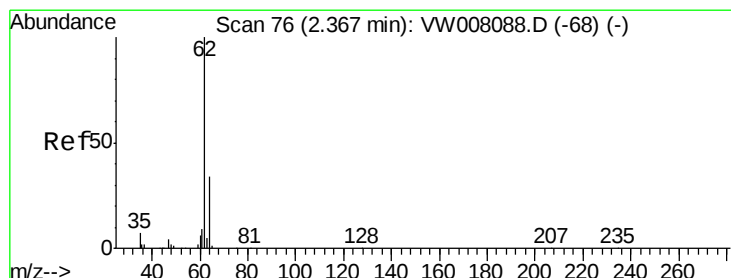
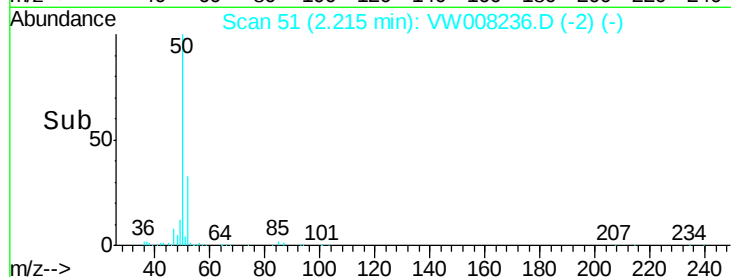
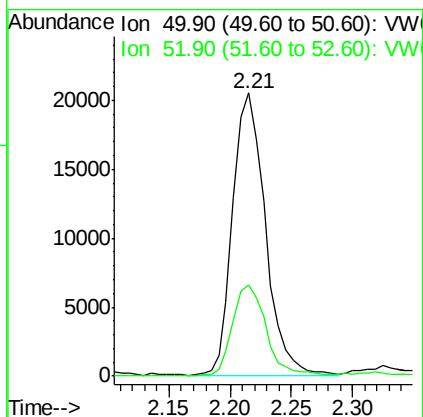
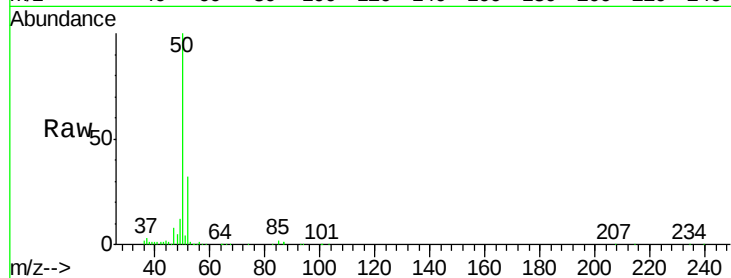
52 32.5 26.8 40.2

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#4

Vinyl Chloride

Concen: 44.338 ug/l

RT: 2.37 min Scan# 76

Delta R.T. 0.00 min

Lab File: VW008236.D

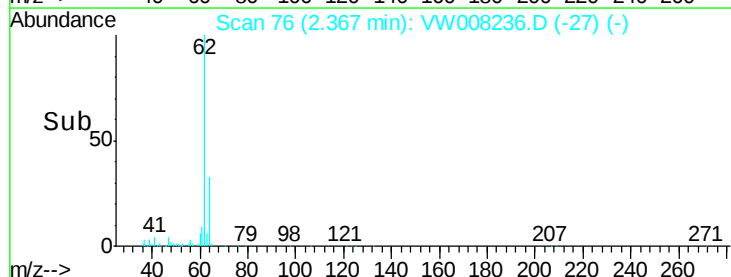
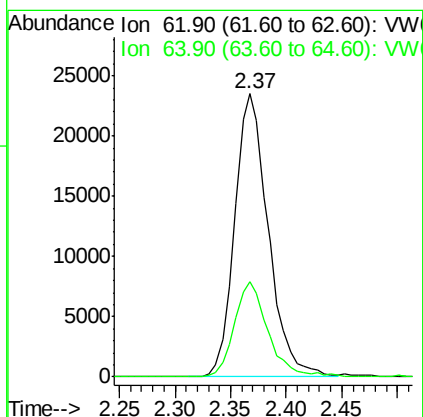
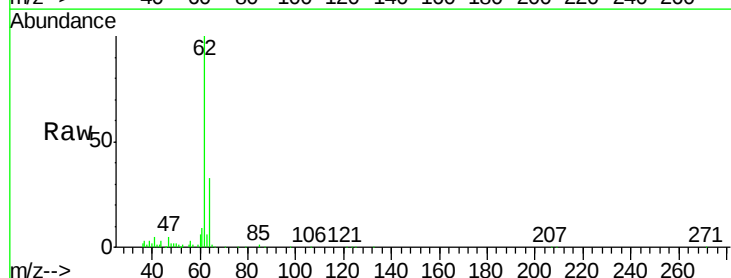
Acq: 12 Jan 2019 12:00

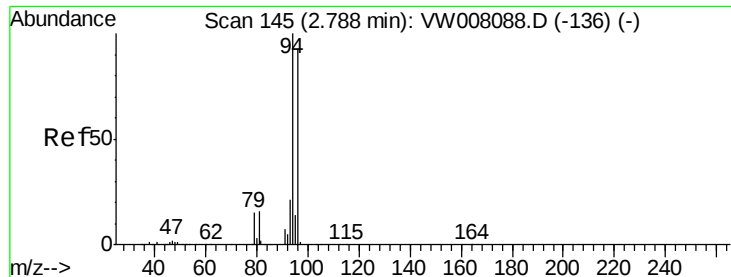
Tgt Ion: 62 Resp: 49186

Ion Ratio Lower Upper

62 100

64 33.5 27.0 40.6





#5

Bromomethane

Concen: 50.045 ug/l

RT: 2.78 min Scan# 144

Delta R.T. -0.01 min

Lab File: VW008236.D

Acq: 12 Jan 2019 12:00

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 41588

Ion Ratio Lower Upper

94 100

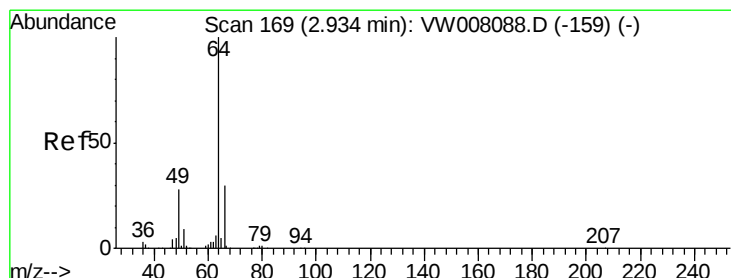
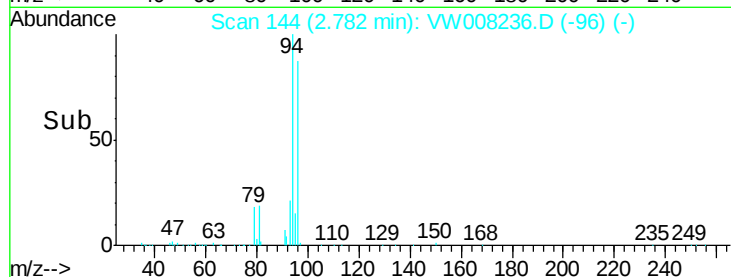
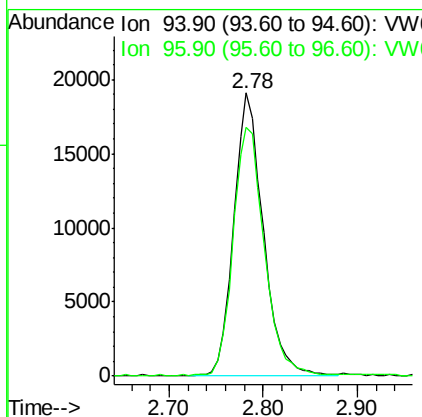
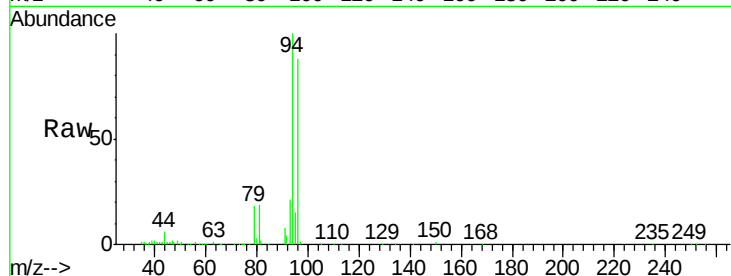
96 87.5 74.1 111.1

Manual Integrations

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#6

Chloroethane

Concen: 41.108 ug/l

RT: 2.93 min Scan# 168

Delta R.T. -0.01 min

Lab File: VW008236.D

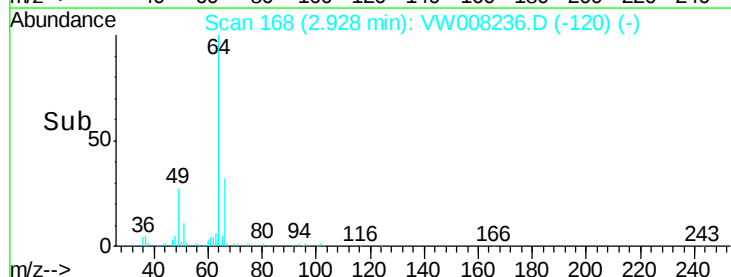
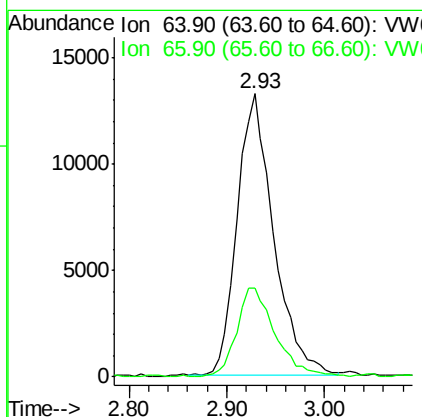
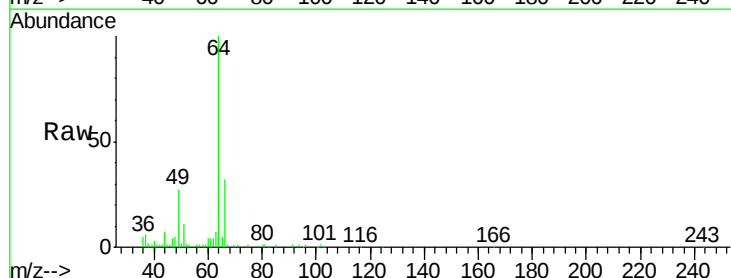
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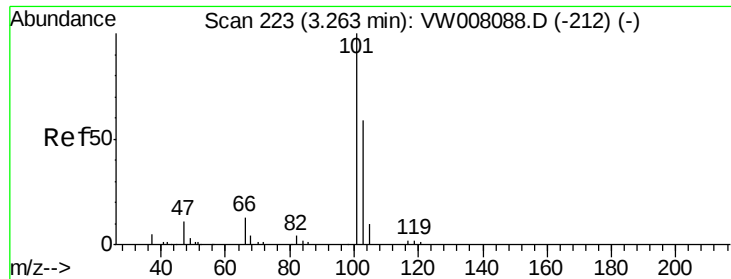
Tgt Ion: 64 Resp: 34315

Ion Ratio Lower Upper

64 100

66 31.8 24.2 36.2





#7

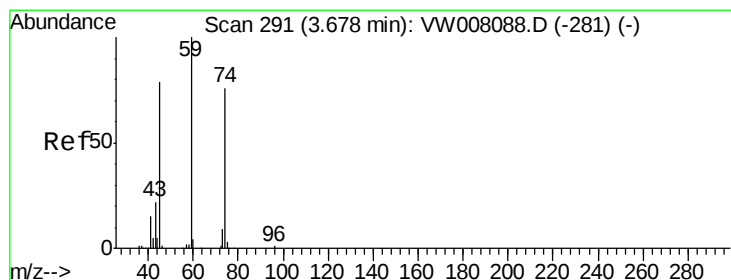
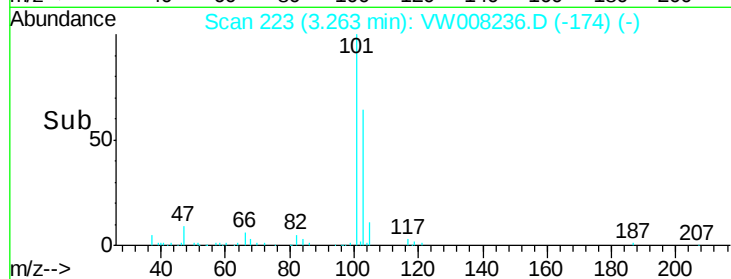
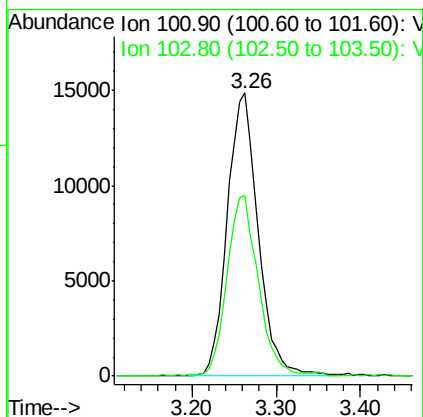
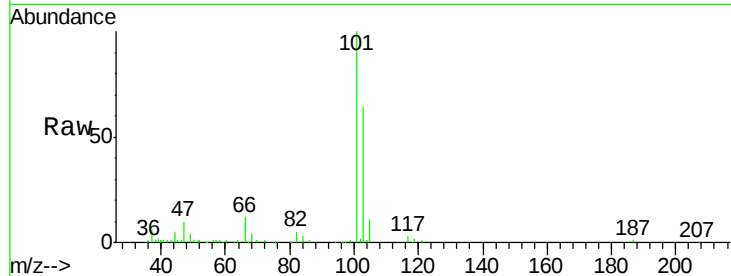
Trichlorofluoromethane
 Concen: 41.076 ug/l
 RT: 3.26 min Scan# 223
 Delta R.T. 0.00 min
 Lab File: VW008236.D
 Acq: 12 Jan 2019 12:00

Instrument :
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Tot Ion	Ratio	Lower	Upper
101	100		
103	63.9	47.0	70.6

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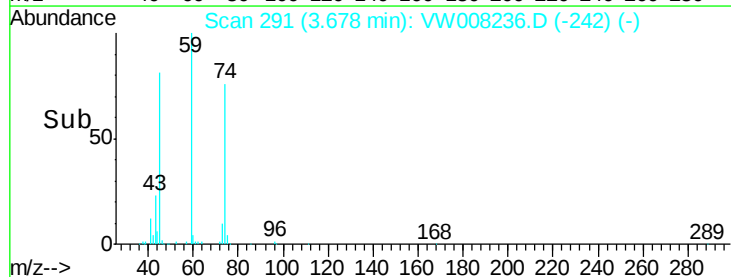
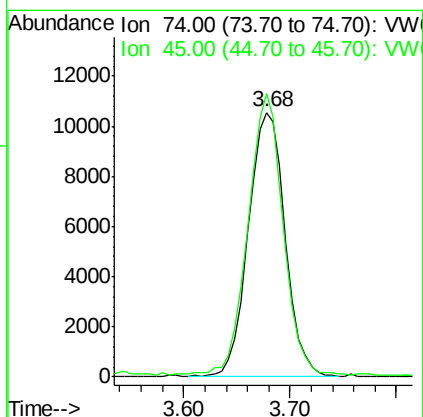
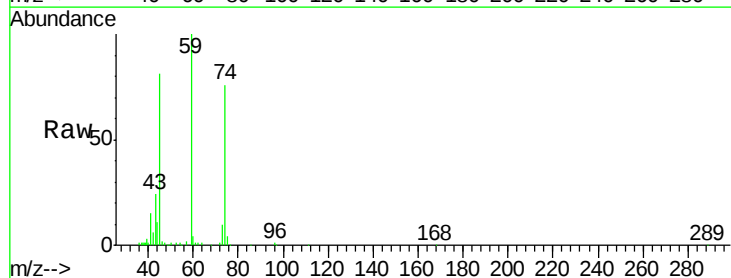
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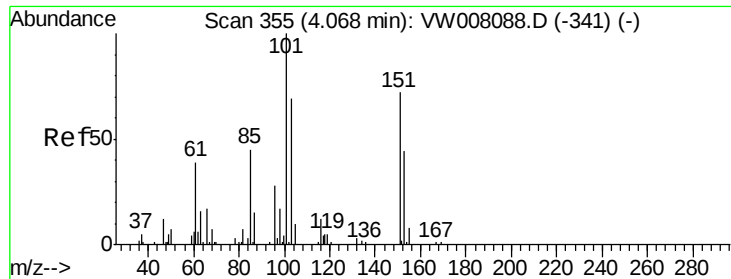


#8

Diethyl Ether
 Concen: 50.100 ug/l
 RT: 3.68 min Scan# 291
 Delta R.T. 0.00 min
 Lab File: VW008236.D
 Acq: 12 Jan 2019 12:00

Tgt Ion	Ratio	Lower	Upper
74	100		
45	100.4	52.4	157.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 43.787 ug/l

RT: 4.06 min Scan# 354

Delta R.T. -0.01 min

Lab File: VW008236.D

Acq: 12 Jan 2019 12:00

Instrument :

MSVOA_W

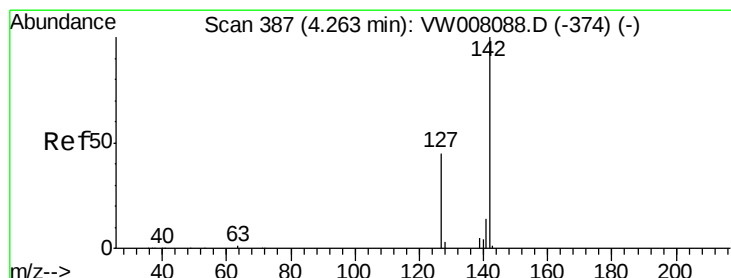
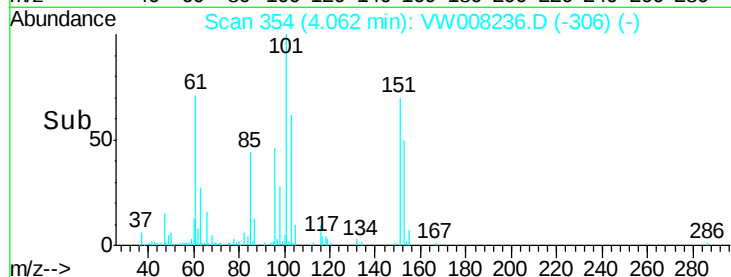
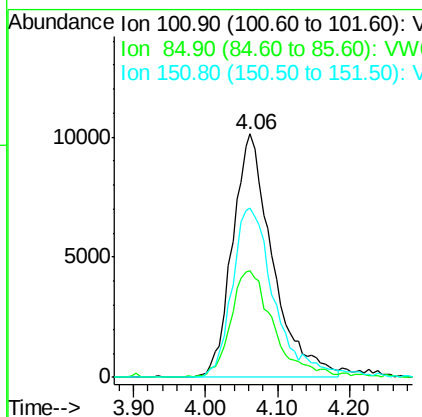
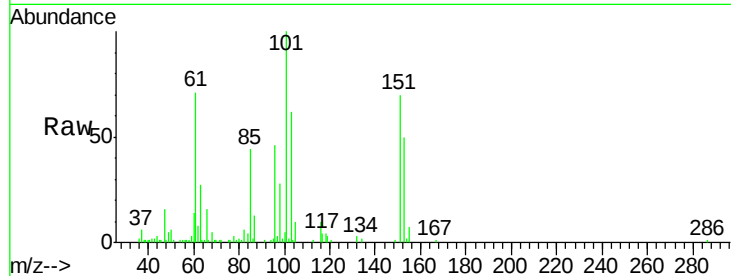
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	39207
Ion Ratio	Lower	Upper	
101	100		
85	47.0	35.9	53.9
151	73.7	55.8	83.8

Manual Integrations
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#10

Methyl Iodide

Concen: 49.407 ug/l

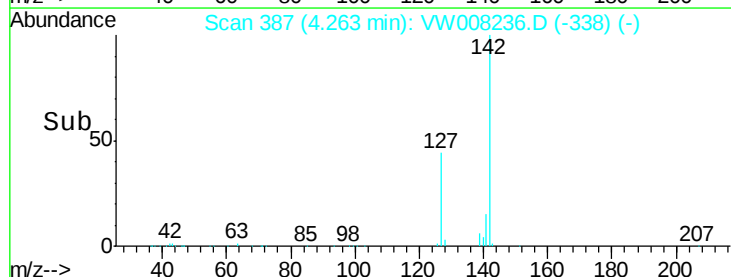
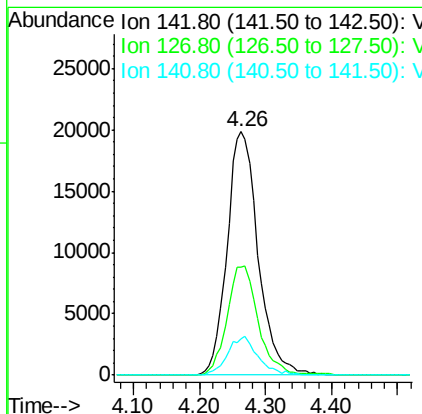
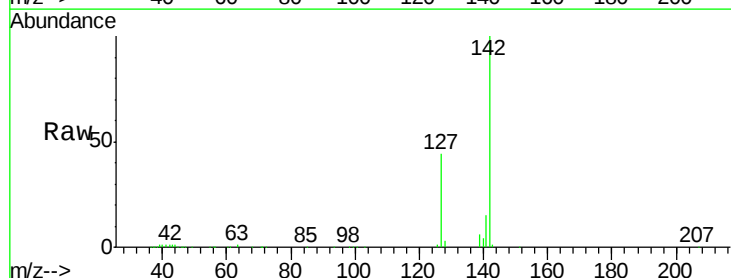
RT: 4.26 min Scan# 387

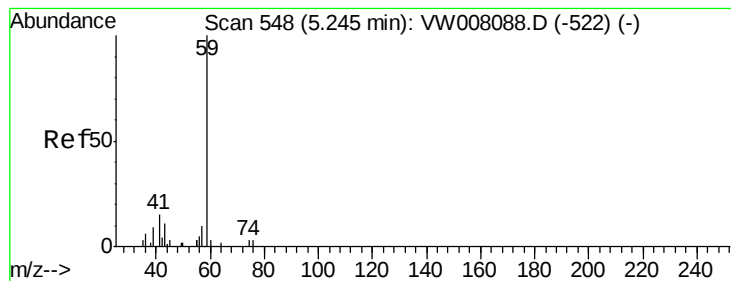
Delta R.T. 0.00 min

Lab File: VW008236.D

Acq: 12 Jan 2019 12:00

Tgt Ion:	142	Resp:	64476
Ion Ratio	Lower	Upper	
142	100		
127	45.1	35.0	52.4
141	15.5	11.8	17.6





#11

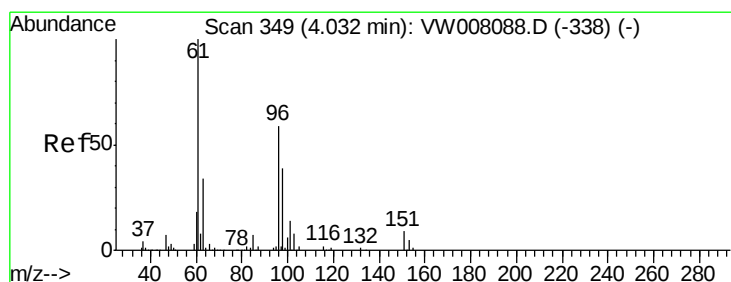
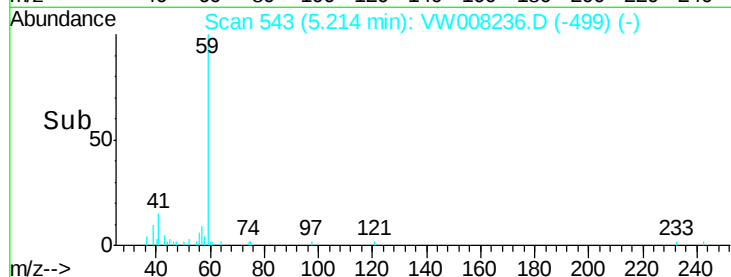
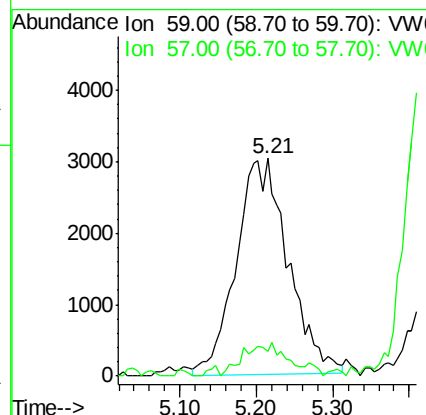
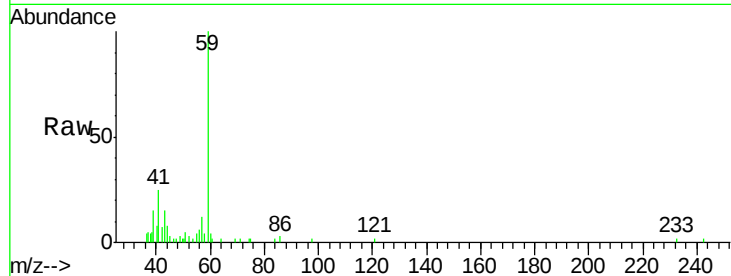
Tert butyl alcohol
Concen: 259.552 ug/l
RT: 5.21 min Scan# 543
Delta R.T. -0.03 min
Lab File: VW008236.D
Acq: 12 Jan 2019 12:00

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
59	100		
57	7.3	0.0	0.0#

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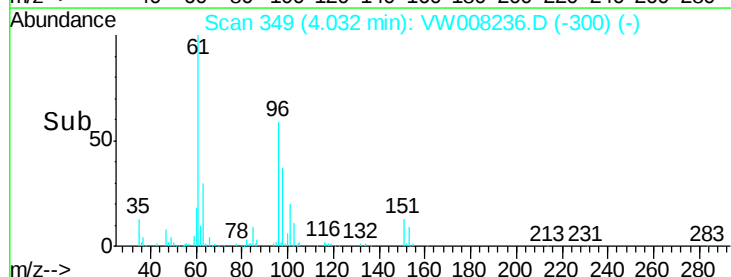
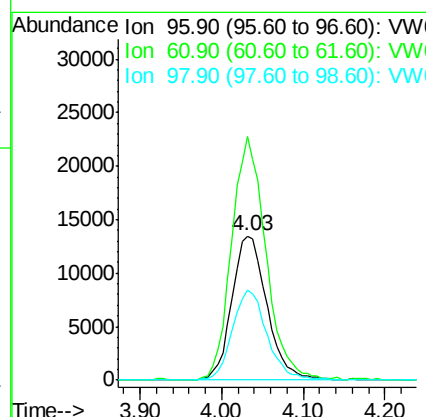
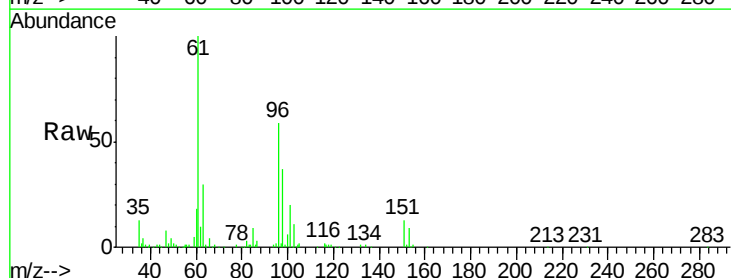
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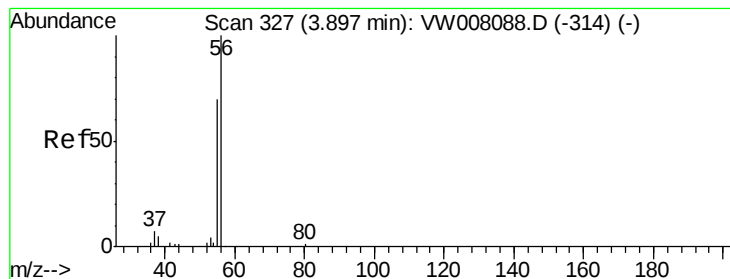


#12

1,1-Dichloroethene
Concen: 45.523 ug/l
RT: 4.03 min Scan# 349
Delta R.T. 0.00 min
Lab File: VW008236.D
Acq: 12 Jan 2019 12:00

Tgt Ion	Ratio	Lower	Upper
96	100		
61	168.7	135.4	203.2
98	62.1	52.5	78.7





#13

Acrolein

Concen: 223.058 ug/l

RT: 3.89 min Scan# 326

Delta R.T. -0.01 min

Lab File: VW008236.D

Acq: 12 Jan 2019 12:00

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 13408

Ion Ratio Lower Upper

56 100

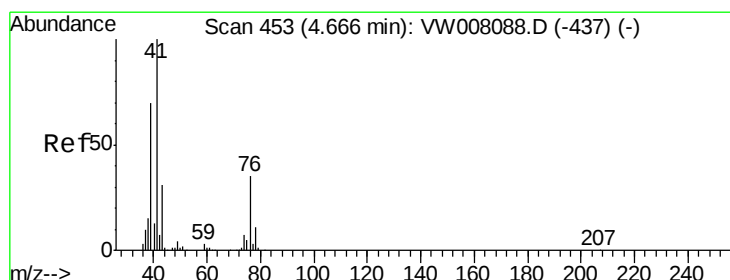
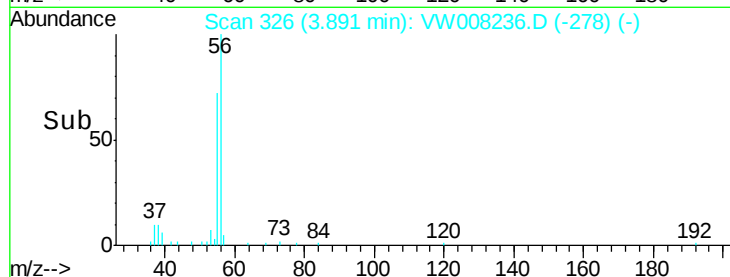
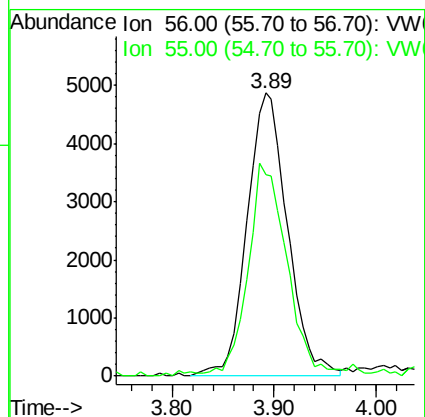
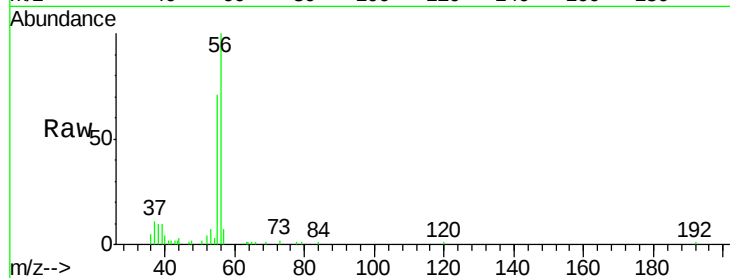
55 69.8 56.6 84.8

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#14

Allyl chloride

Concen: 45.725 ug/l

RT: 4.66 min Scan# 452

Delta R.T. -0.01 min

Lab File: VW008236.D

Acq: 12 Jan 2019 12:00

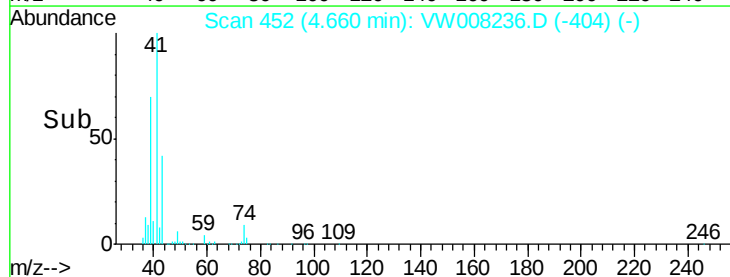
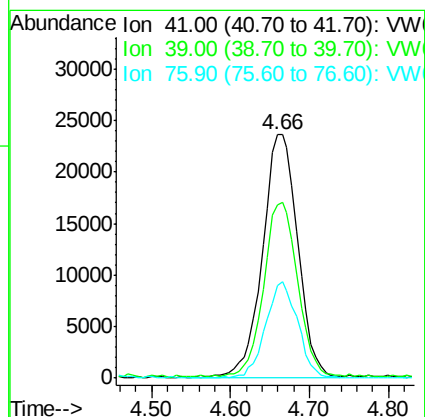
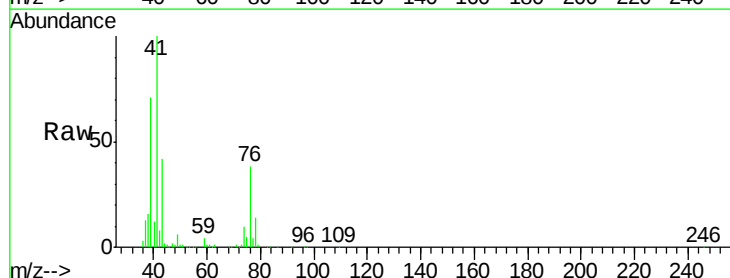
Tgt Ion: 41 Resp: 72983

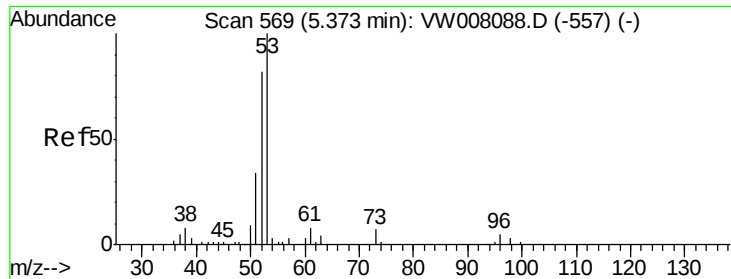
Ion Ratio Lower Upper

41 100

39 69.0 53.8 80.8

76 36.2 27.6 41.4





#15

Acrylonitrile

Concen: 282.200 ug/l

RT: 5.37 min Scan# 569

Delta R.T. 0.00 min

Lab File: VW008236.D

Acq: 12 Jan 2019 12:00

Instrument :

MSVOA_W

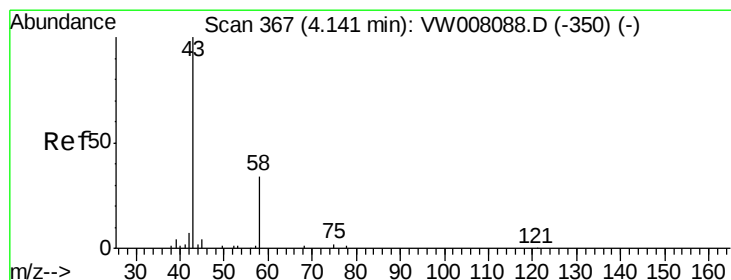
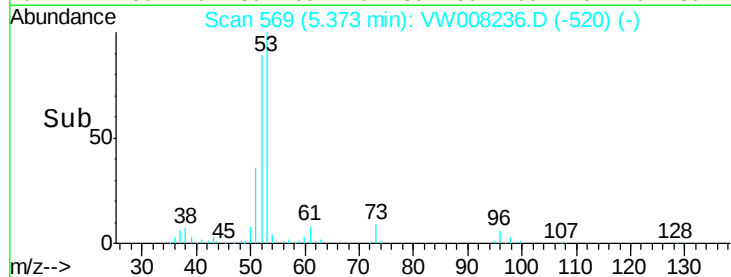
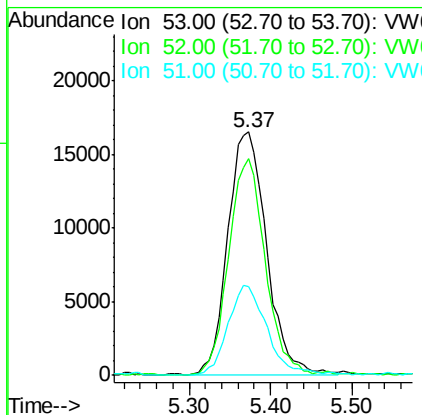
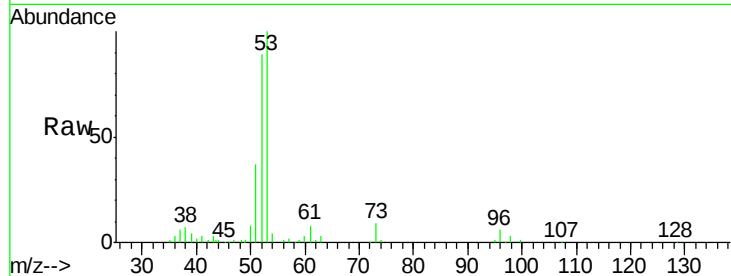
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	54777
Ion	Ratio	Lower	Upper
53	100		
52	83.4	66.8	100.2
51	37.0	29.7	44.5

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#16

Acetone

Concen: 254.951 ug/l

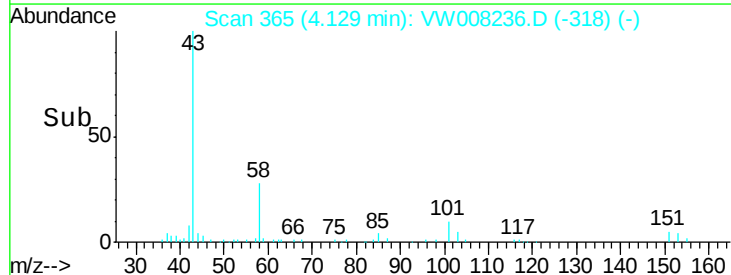
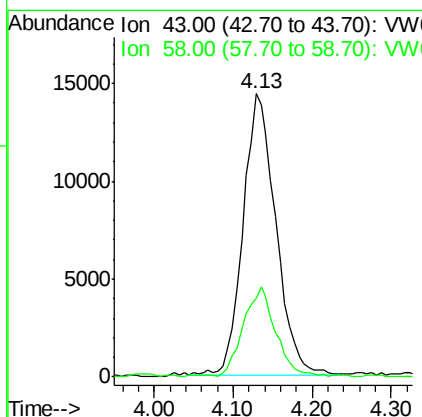
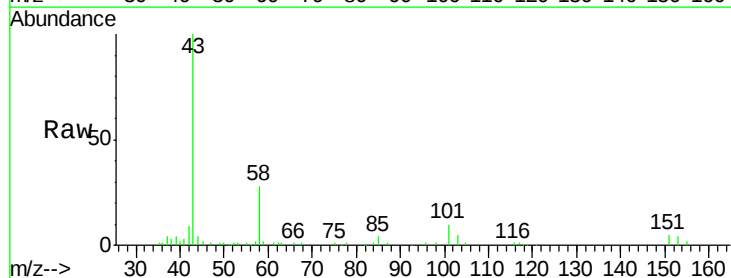
RT: 4.13 min Scan# 365

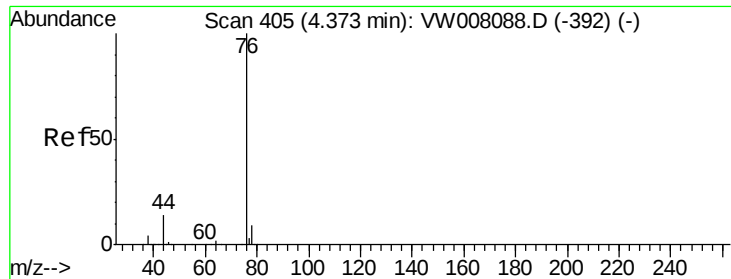
Delta R.T. -0.01 min

Lab File: VW008236.D

Acq: 12 Jan 2019 12:00

Tgt Ion:	43	Resp:	41279
Ion	Ratio	Lower	Upper
43	100		
58	27.4	27.5	41.3#





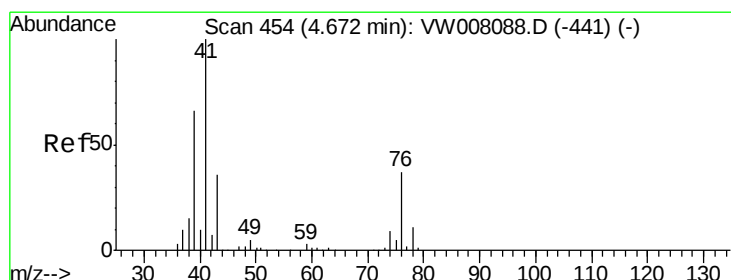
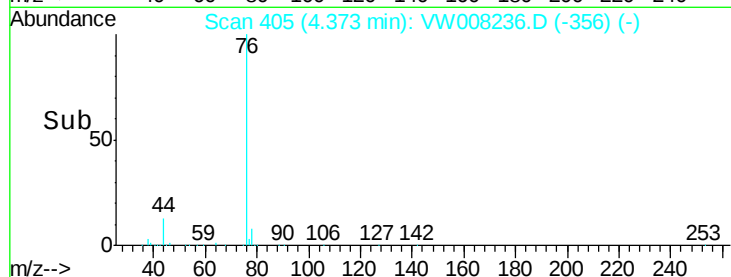
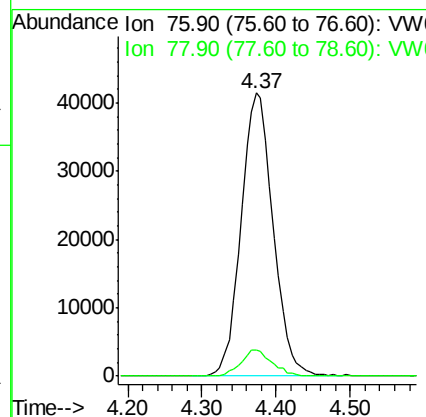
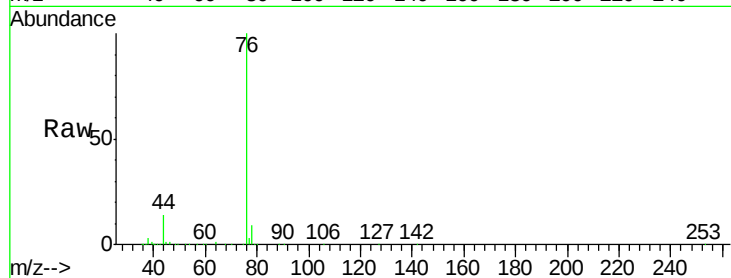
#17
Carbon Disulfide
Concen: 45.449 ug/l
RT: 4.37 min Scan# 405
Delta R.T. 0.00 min
Lab File: VW008236.D
Acq: 12 Jan 2019 12:00

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.1	7.0	10.6

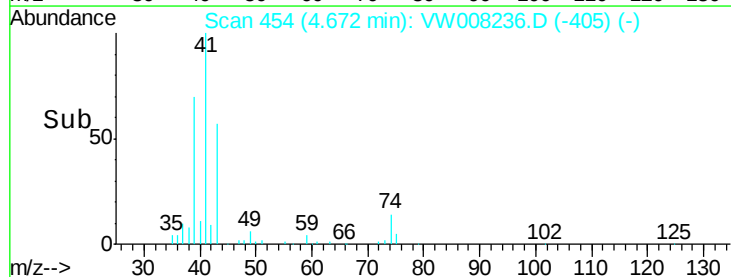
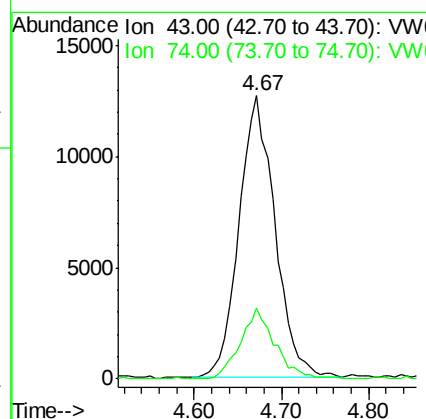
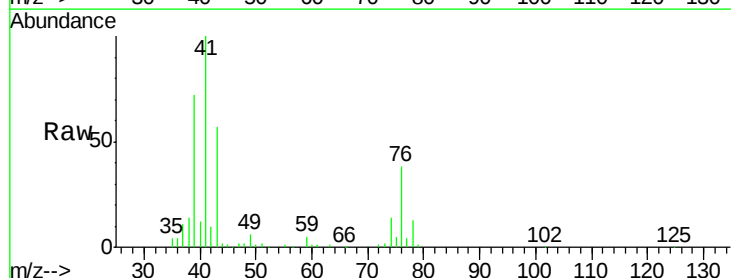
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#18
Methyl Acetate
Concen: 63.623 ug/l
RT: 4.67 min Scan# 454
Delta R.T. 0.00 min
Lab File: VW008236.D
Acq: 12 Jan 2019 12:00

Tgt Ion	Ratio	Lower	Upper
43	100		
74	24.0	19.0	28.4





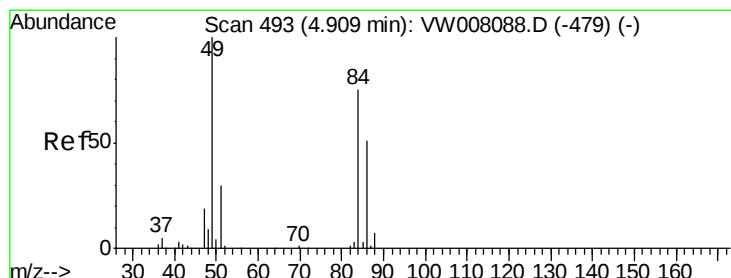
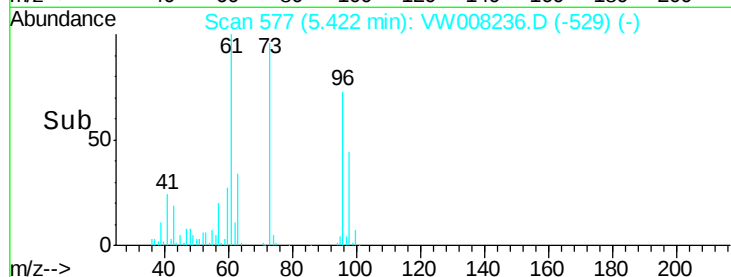
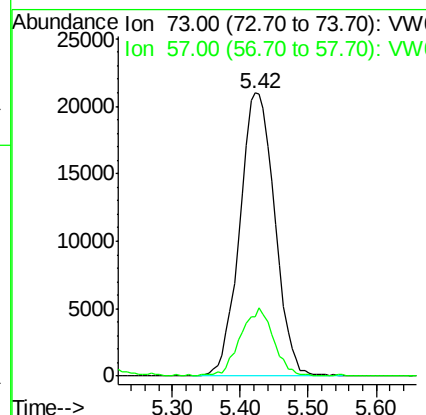
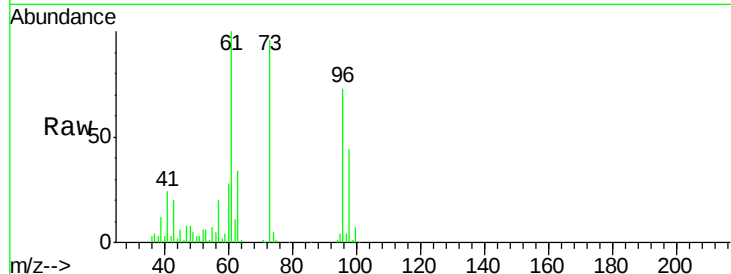
#19
Methvl tert-butvl Ether
Concen: 52.551 ug/l
RT: 5.42 min Scan# 577
Delta R.T. -0.01 min
Lab File: VW008236.D
Acq: 12 Jan 2019 12:00

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion: 73 Resp: 75105
Ion Ratio Lower Upper
73 100
57 20.6 16.7 25.1

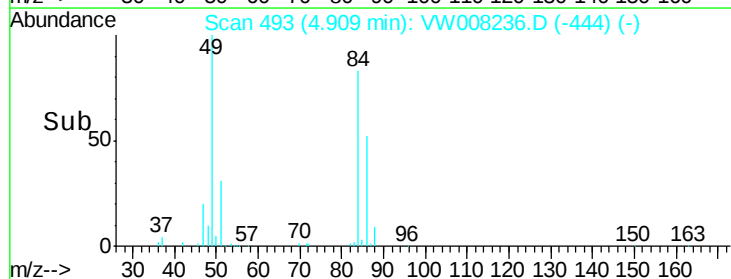
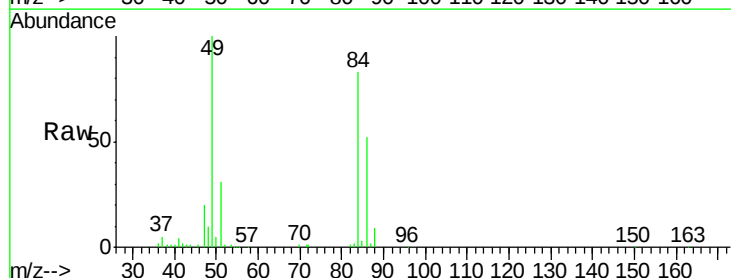
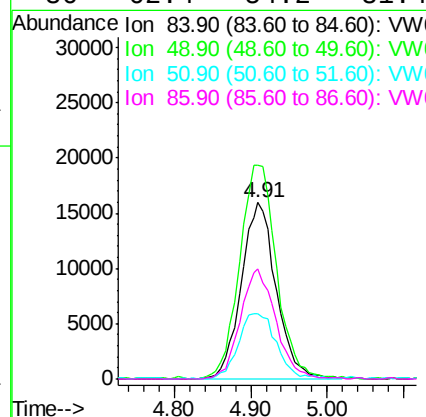
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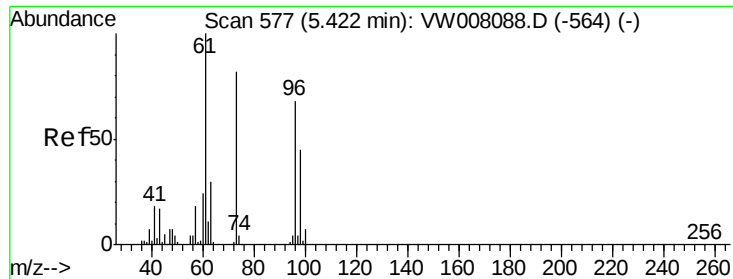
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#20
Methylene Chloride
Concen: 57.899 ug/l
RT: 4.91 min Scan# 493
Delta R.T. 0.00 min
Lab File: VW008236.D
Acq: 12 Jan 2019 12:00

Tgt Ion: 84 Resp: 50757
Ion Ratio Lower Upper
84 100
49 120.9 107.1 160.7
51 36.7 32.4 48.6
86 62.4 54.2 81.4





#21

trans-1,2-Dichloroethene

Concen: 49.321 ug/l

RT: 5.42 min Scan# 577

Delta R.T. 0.00 min

Lab File: VW008236.D

Acq: 12 Jan 2019 12:00

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 96 Resp: 47119

Ion Ratio Lower Upper

96 100

61 136.4 117.4 176.0

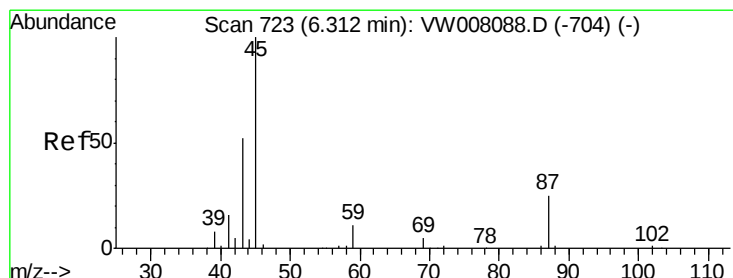
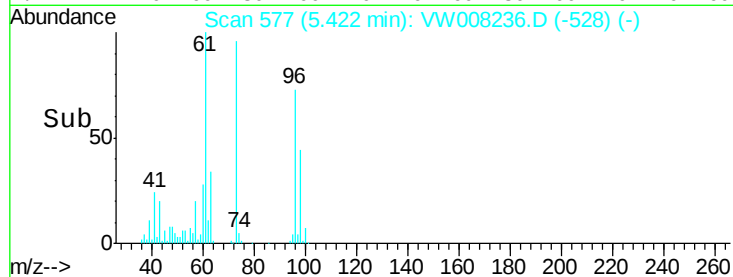
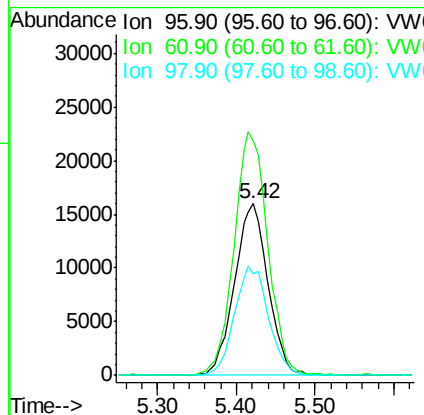
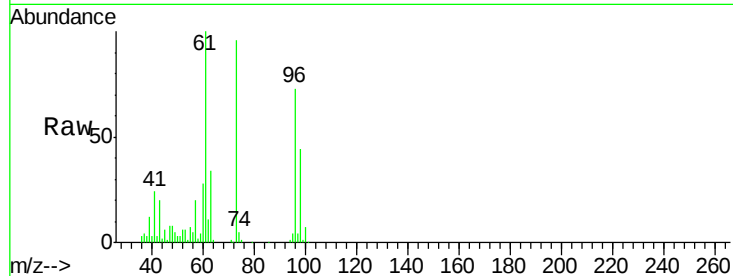
98 59.5 52.2 78.4

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#22

Diisopropyl ether

Concen: 52.886 ug/l

RT: 6.31 min Scan# 723

Delta R.T. 0.00 min

Lab File: VW008236.D

Acq: 12 Jan 2019 12:00

Tgt Ion: 45 Resp: 160990

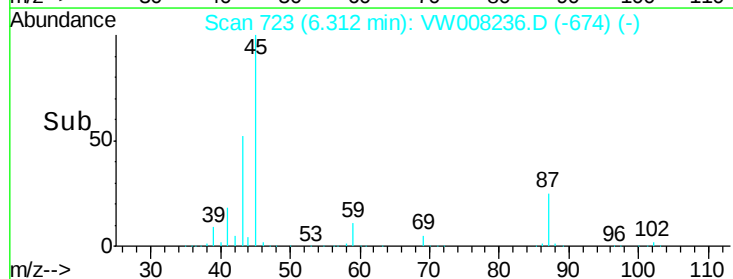
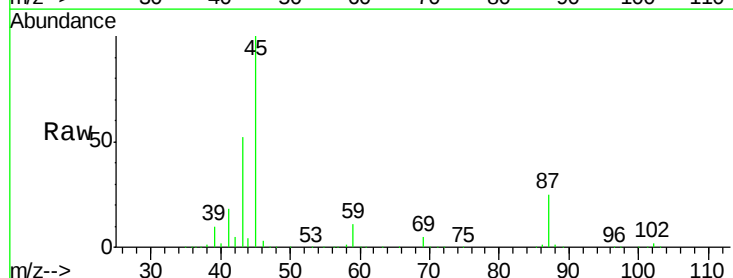
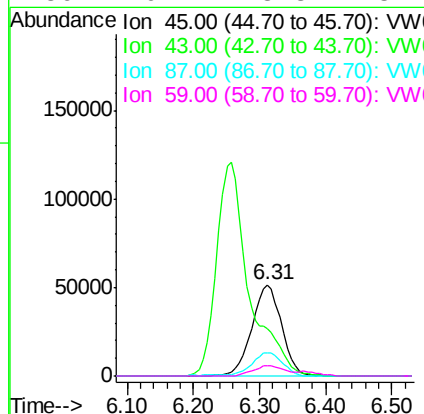
Ion Ratio Lower Upper

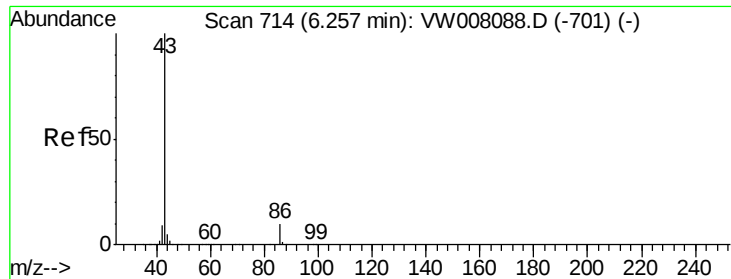
45 100

43 51.3 41.7 62.5

87 24.7 20.1 30.1

59 10.4 8.8 13.2





#23

Vinyl Acetate

Concen: 256.744 ug/l

RT: 6.26 min Scan# 714

Delta R.T. 0.00 min

Lab File: VW008236.D

Acq: 12 Jan 2019 12:00

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 410467

Ion Ratio Lower Upper

43 100

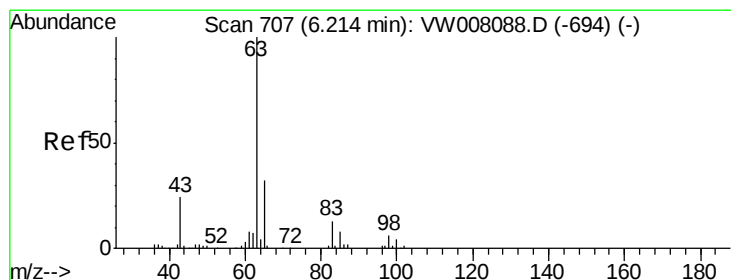
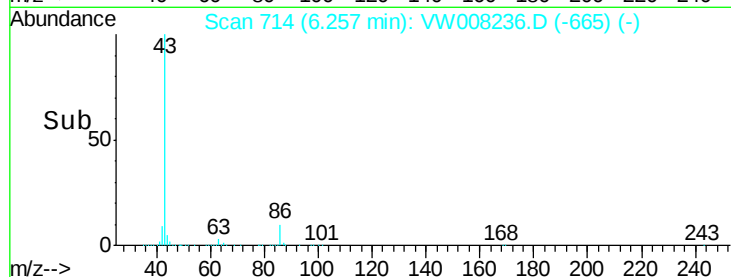
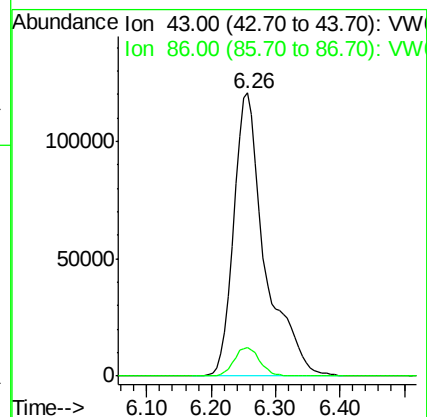
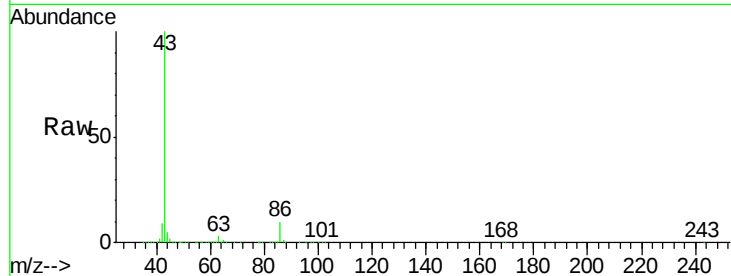
86 10.1 7.7 11.5

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#24

1,1-Dichloroethane

Concen: 50.195 ug/l

RT: 6.21 min Scan# 707

Delta R.T. 0.00 min

Lab File: VW008236.D

Acq: 12 Jan 2019 12:00

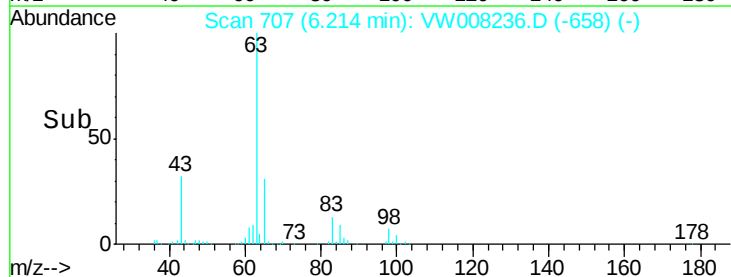
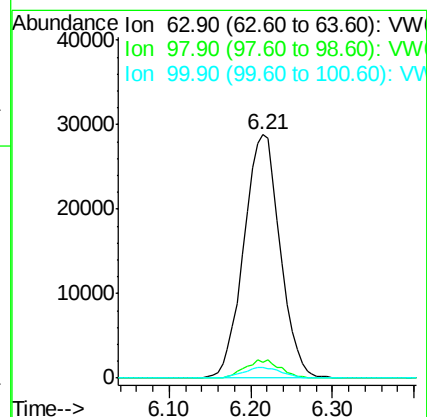
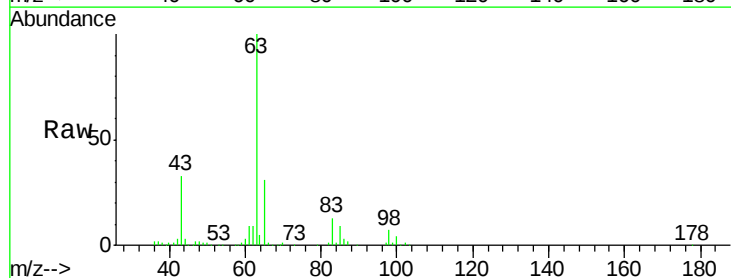
Tgt Ion: 63 Resp: 89028

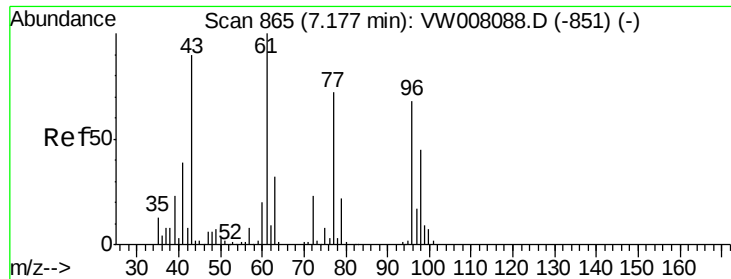
Ion Ratio Lower Upper

63 100

98 6.5 3.2 9.6

100 4.4 2.0 6.0





#25

2-Butanone

Concen: 278.314 ug/l

RT: 7.18 min Scan# 865

Delta R.T. 0.00 min

Lab File: VW008236.D

Acq: 12 Jan 2019 12:00

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 69865

Ion Ratio Lower Upper

43 100

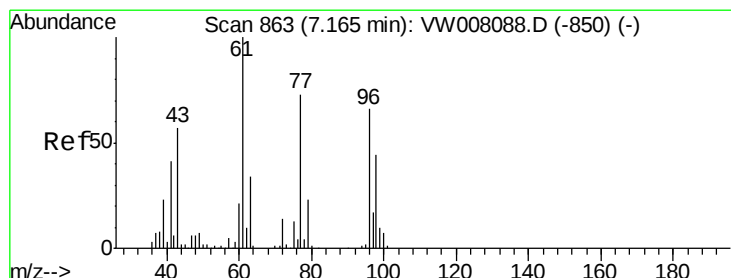
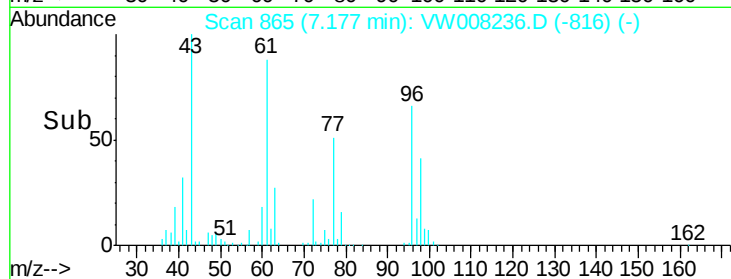
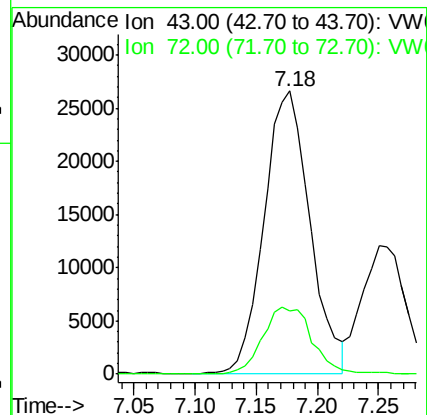
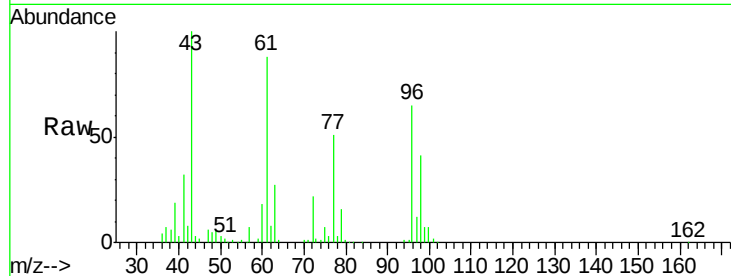
72 22.2 20.5 30.7

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#26

2,2-Dichloropropane

Concen: 41.101 ug/l

RT: 7.17 min Scan# 863

Delta R.T. 0.00 min

Lab File: VW008236.D

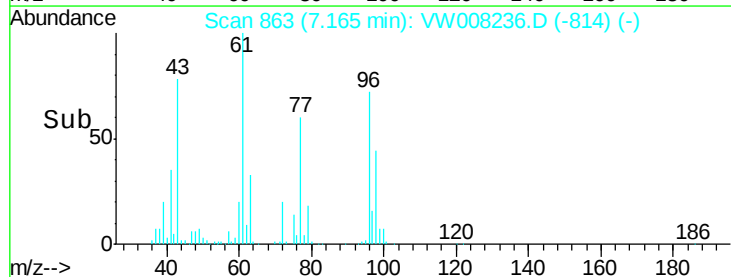
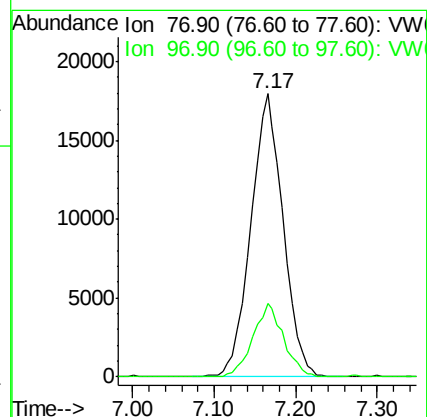
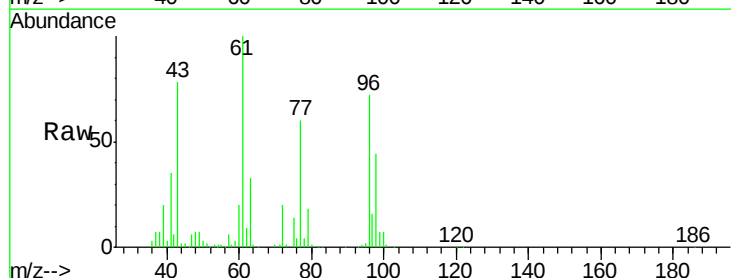
Acq: 12 Jan 2019 12:00

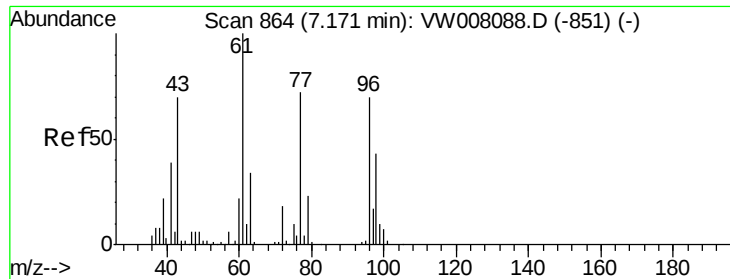
Tgt Ion: 77 Resp: 49394

Ion Ratio Lower Upper

77 100

97 24.8 11.4 34.1





#27

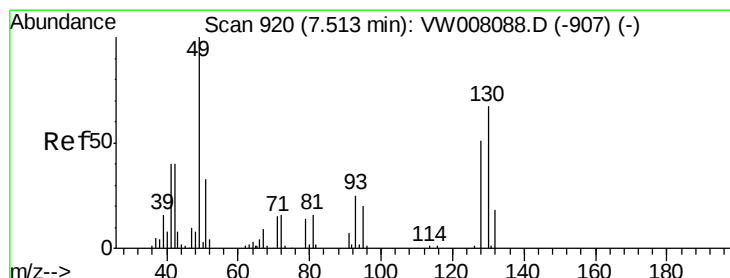
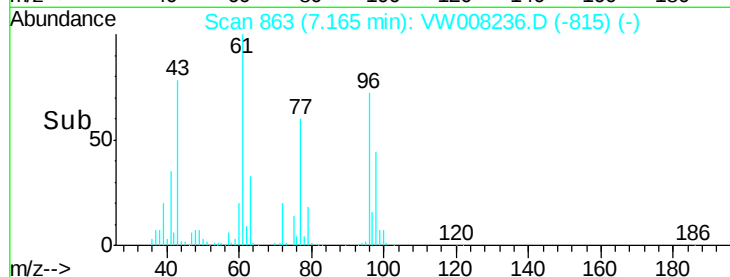
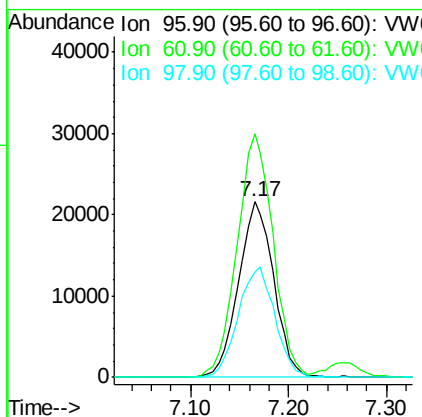
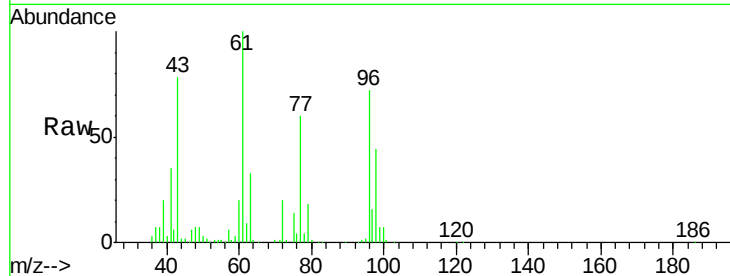
cis-1,2-Dichloroethene
Concen: 51.780 ug/l
RT: 7.17 min Scan# 863
Delta R.T. -0.01 min
Lab File: VW008236.D
Acq: 12 Jan 2019 12:00

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
96	100		
61	142.4	0.0	300.4
98	65.6	0.0	128.4

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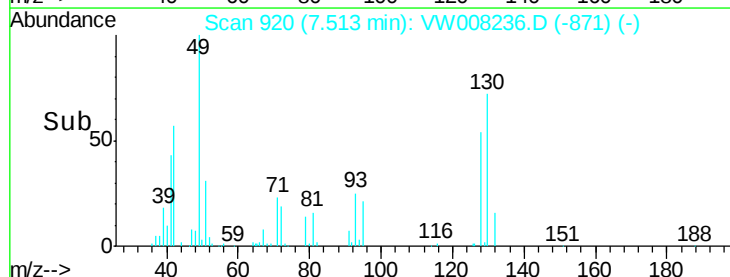
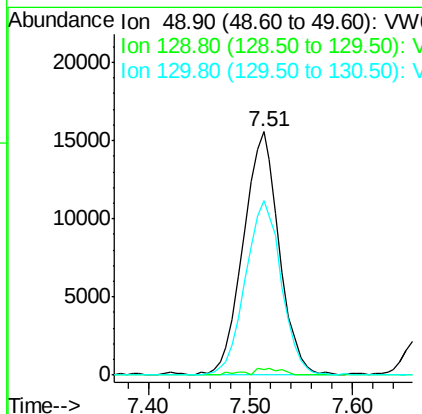
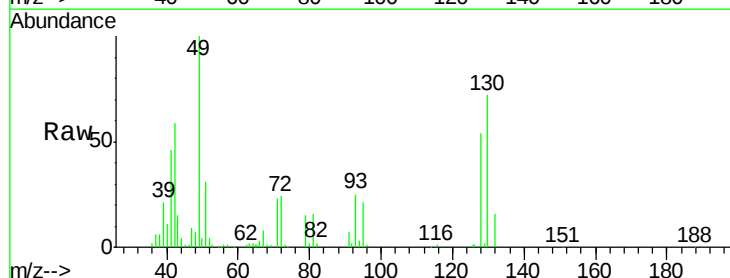
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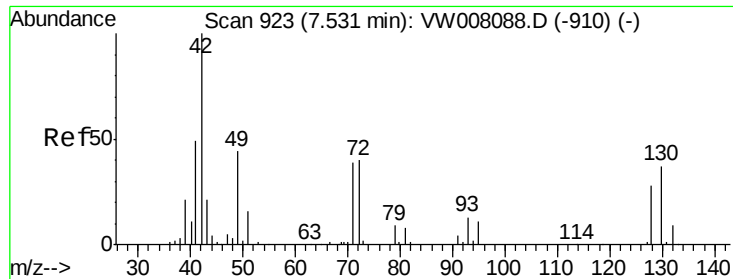


#28

Bromochloromethane
Concen: 54.179 ug/l
RT: 7.51 min Scan# 920
Delta R.T. 0.00 min
Lab File: VW008236.D
Acq: 12 Jan 2019 12:00

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.6	0.0	2.8
130	72.0	54.3	81.5





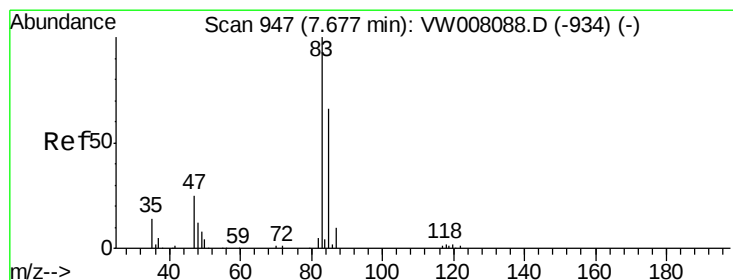
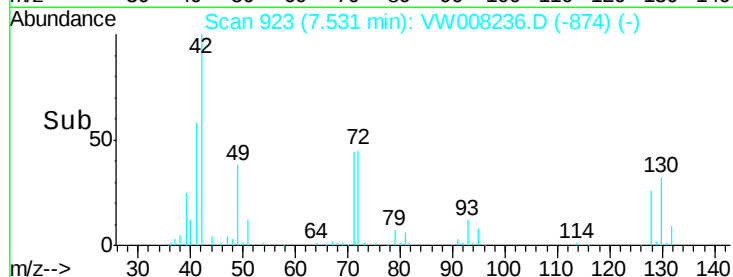
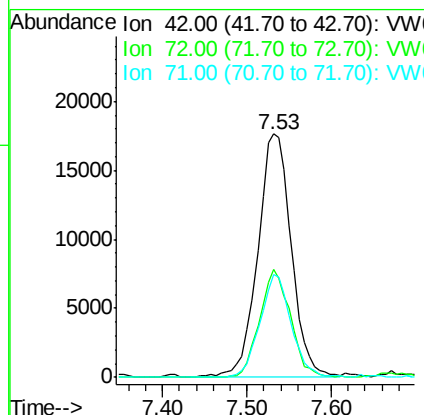
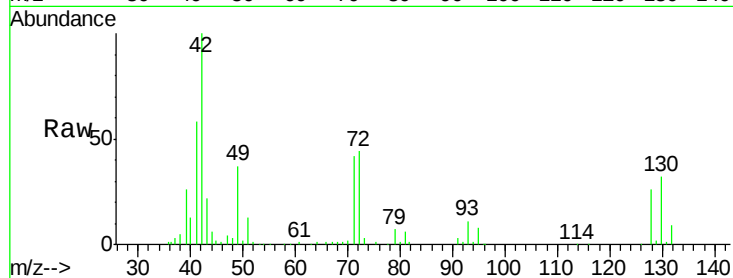
#29
Tetrahydrofuran
Concen: 287.755 ug/l
RT: 7.53 min Scan# 923
Delta R.T. 0.00 min
Lab File: VW008236.D
Acq: 12 Jan 2019 12:00

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	40.9	32.4	48.6
71	39.4	31.3	46.9

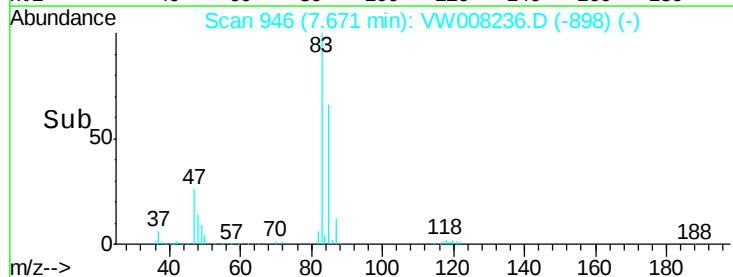
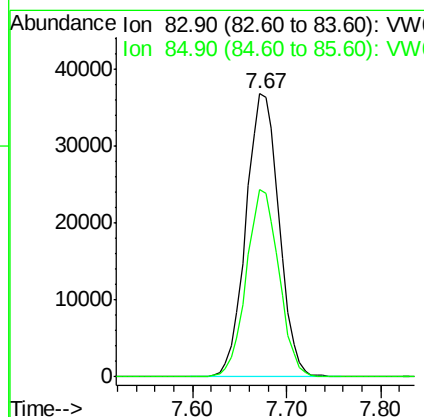
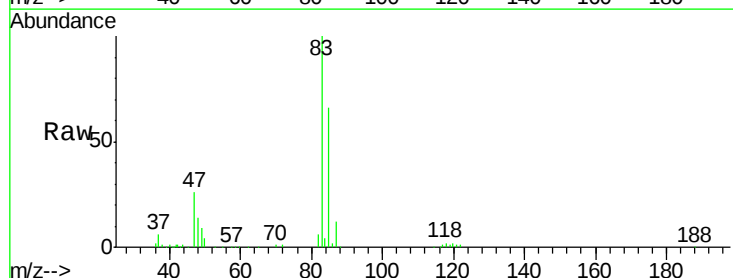
Manual Integrations
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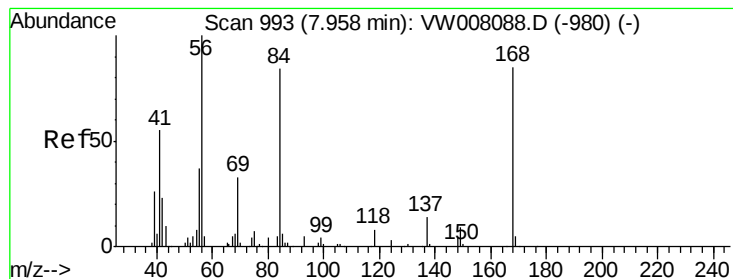
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#30
Chloroform
Concen: 53.670 ug/l
RT: 7.67 min Scan# 946
Delta R.T. -0.01 min
Lab File: VW008236.D
Acq: 12 Jan 2019 12:00

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.4	53.2	79.8





#31

Cyclohexane

Concen: 41.565 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.01 min

Lab File: VW008236.D

Acq: 12 Jan 2019 12:00

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 78921

Ion Ratio Lower Upper

56 100

69 33.4 26.2 39.4

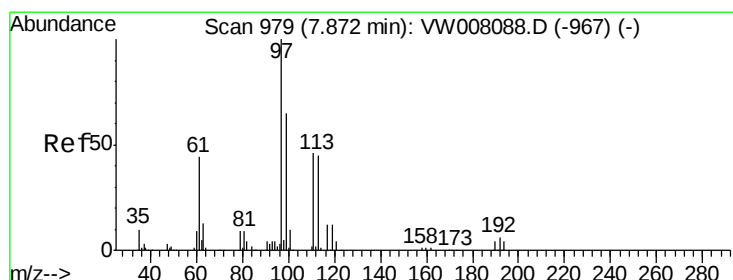
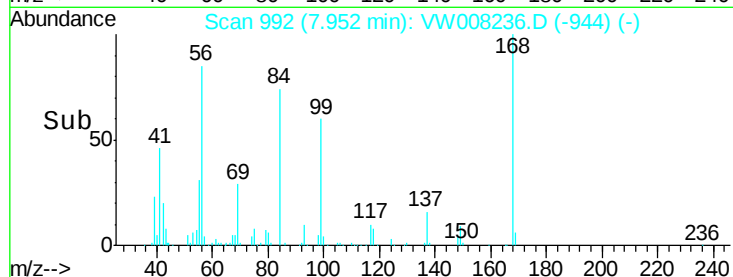
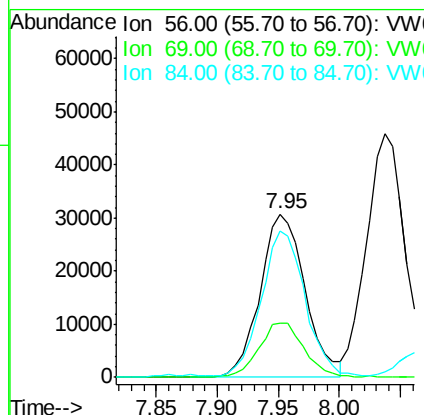
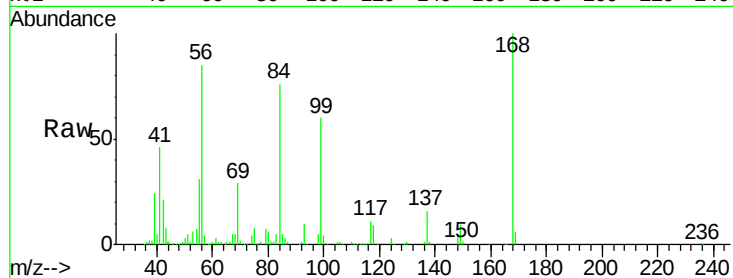
84 87.9 67.4 101.2

Manual Integrations

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#32

1,1,1-Trichloroethane

Concen: 49.903 ug/l

RT: 7.87 min Scan# 979

Delta R.T. 0.00 min

Lab File: VW008236.D

Acq: 12 Jan 2019 12:00

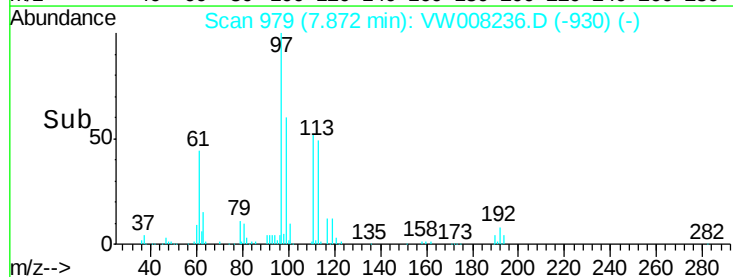
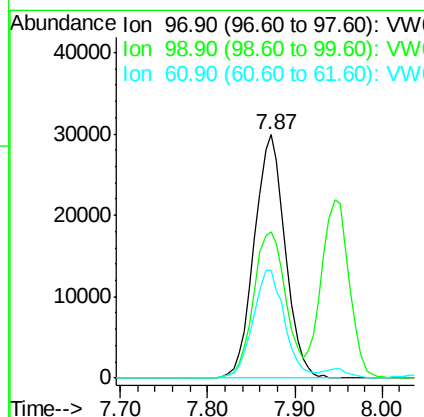
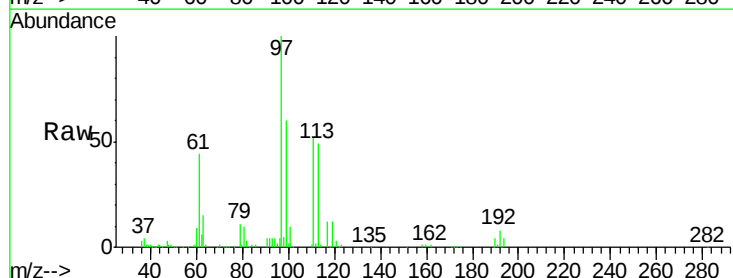
Tgt Ion: 97 Resp: 73306

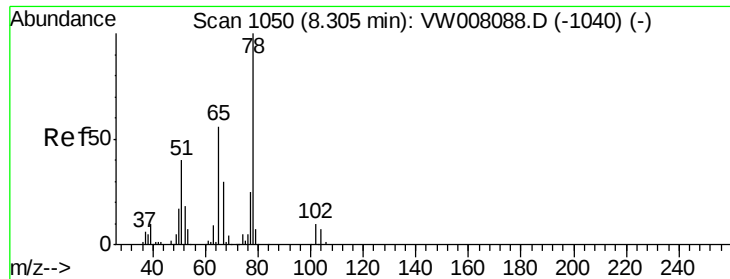
Ion Ratio Lower Upper

97 100

99 63.2 51.4 77.0

61 45.1 35.6 53.4





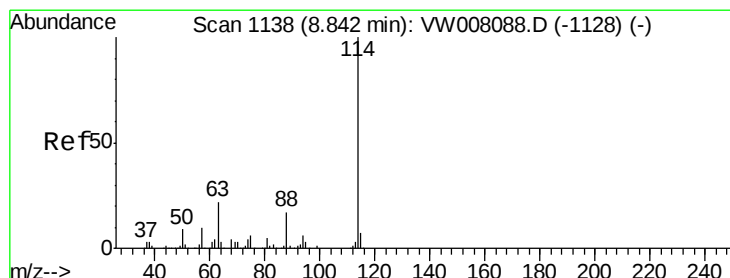
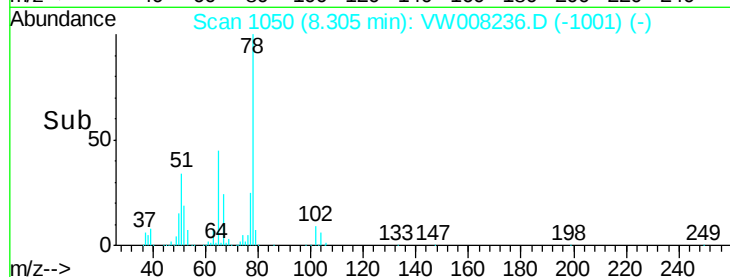
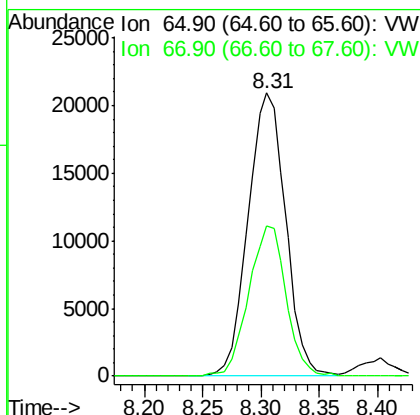
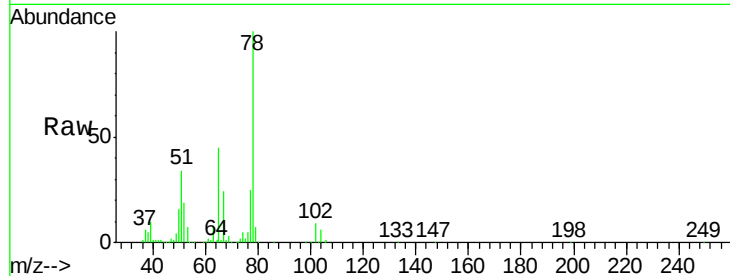
#33
 1,2-Dichloroethane-d4
 Concen: 52.217 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VW008236.D
 Acq: 12 Jan 2019 12:00

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
65	100	47112		
67	52.7	0.0	106.8	

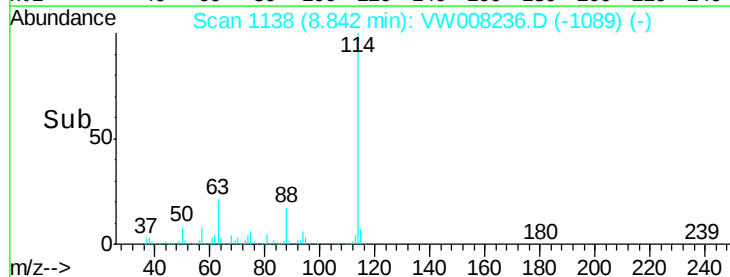
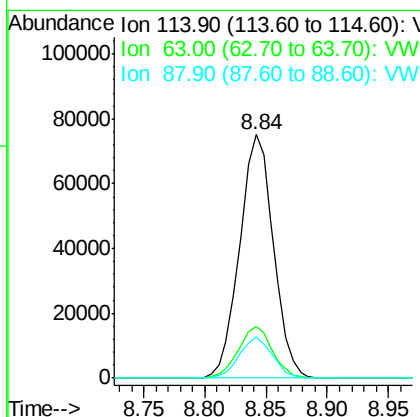
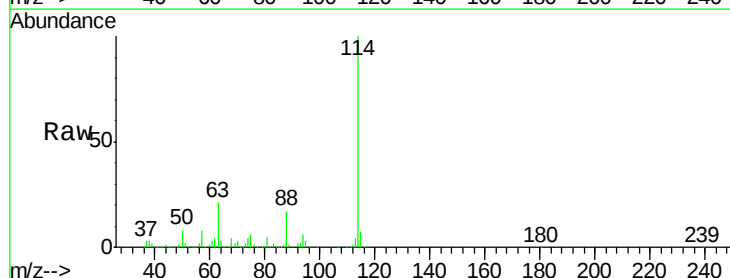
Manual Integrations
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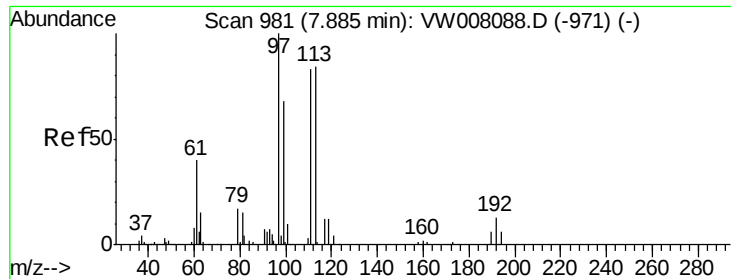
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW008236.D
 Acq: 12 Jan 2019 12:00

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	144145		
63	21.2	0.0	43.4	
88	16.9	0.0	33.4	





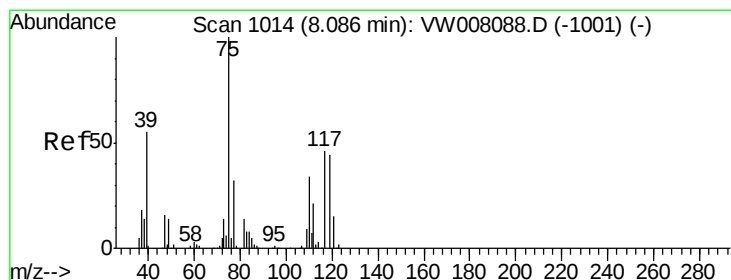
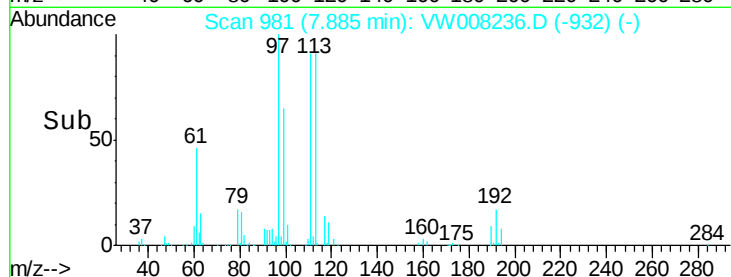
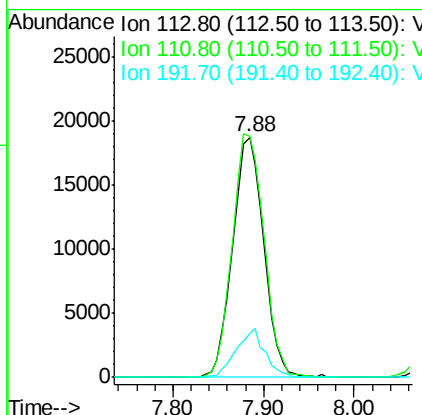
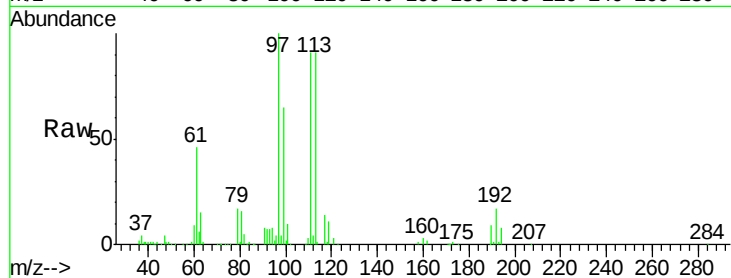
#35
Dibromofluoromethane
Concen: 53.188 ug/l
RT: 7.88 min Scan# 981
Delta R.T. 0.00 min
Lab File: VW008236.D
Acq: 12 Jan 2019 12:00

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.7	81.8	122.8
192	18.8	12.8	19.2

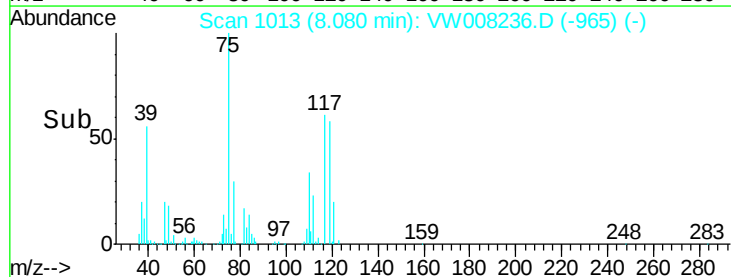
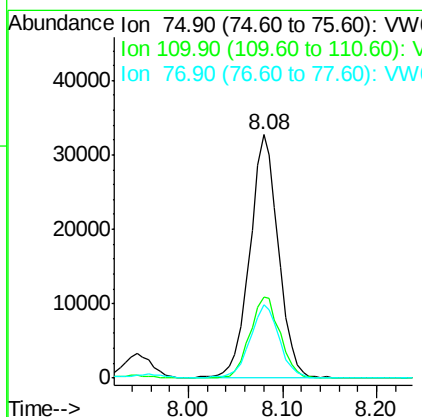
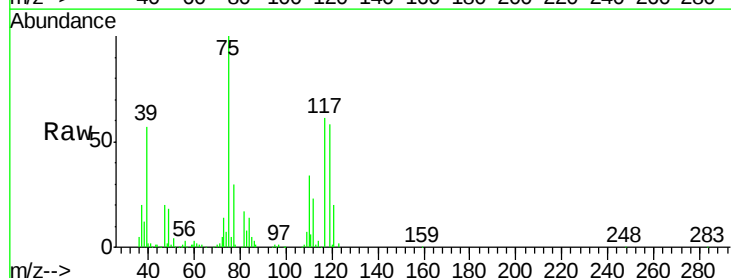
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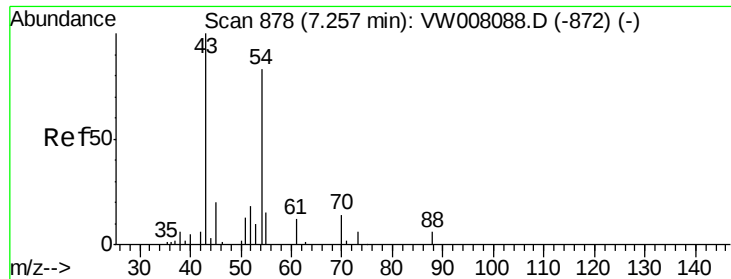
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#36
1,1-Dichloropropene
Concen: 47.118 ug/l
RT: 8.08 min Scan# 1013
Delta R.T. -0.01 min
Lab File: VW008236.D
Acq: 12 Jan 2019 12:00

Tgt Ion	Ratio	Lower	Upper
75	100		
110	35.1	17.1	51.3
77	30.9	25.5	38.3





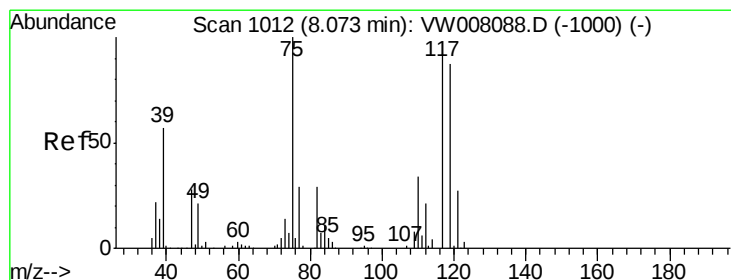
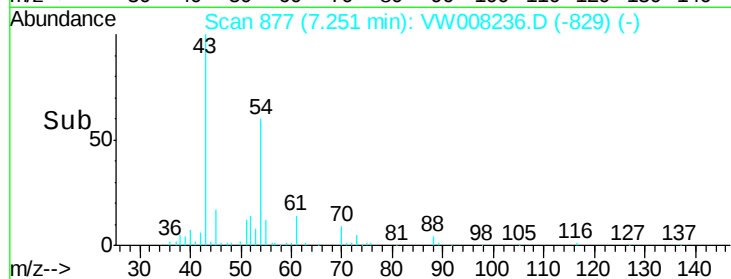
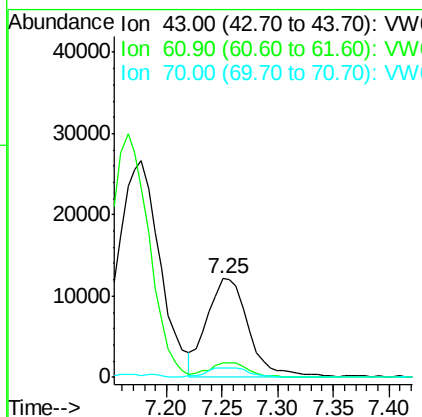
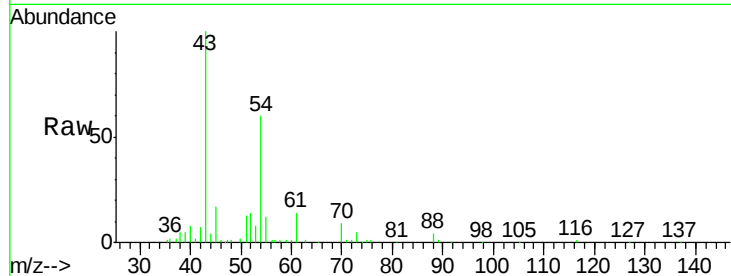
#37
Ethyl Acetate
Concen: 52.445 ug/l
RT: 7.25 min Scan# 877
Delta R.T. -0.01 min
Lab File: VW008236.D
Acq: 12 Jan 2019 12:00

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.7	10.6	16.0
70	9.9	8.9	13.3

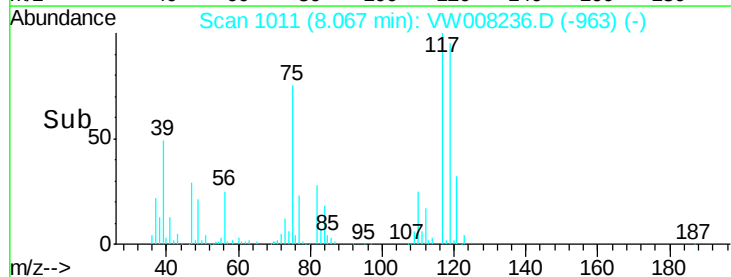
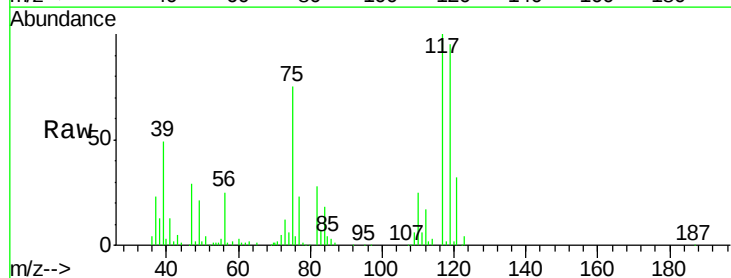
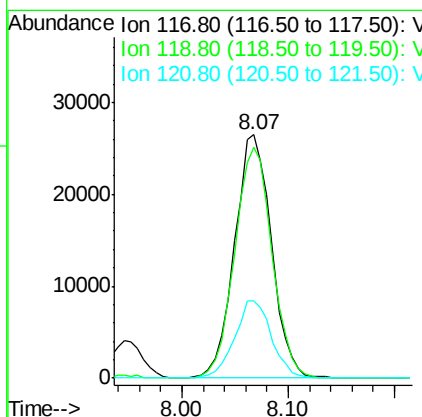
Manual Integrations
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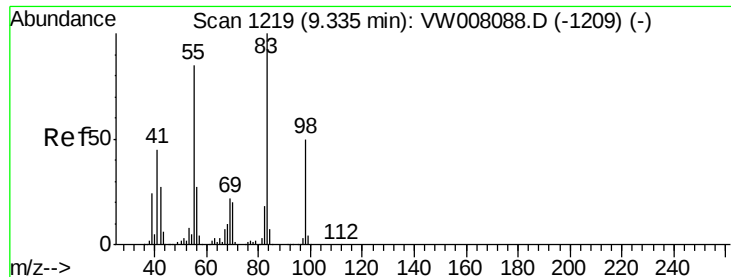
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#38
Carbon Tetrachloride
Concen: 47.453 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.01 min
Lab File: VW008236.D
Acq: 12 Jan 2019 12:00

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.7	75.8	113.8
121	31.8	23.7	35.5





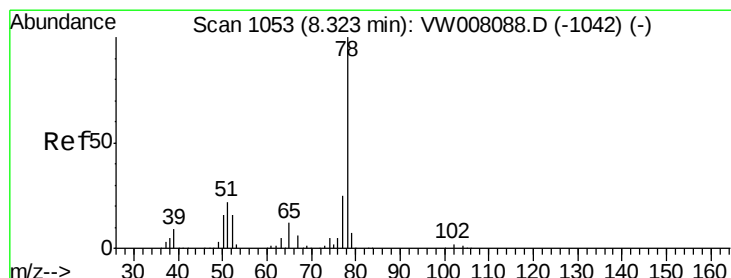
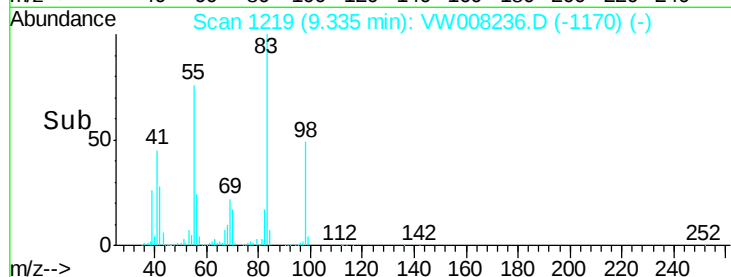
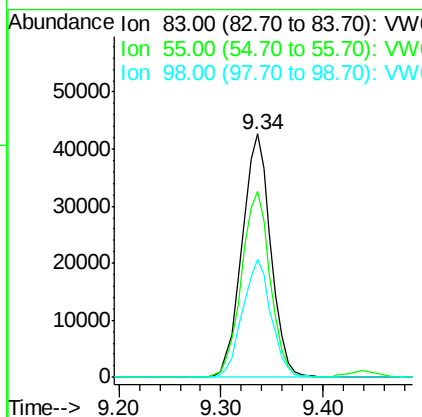
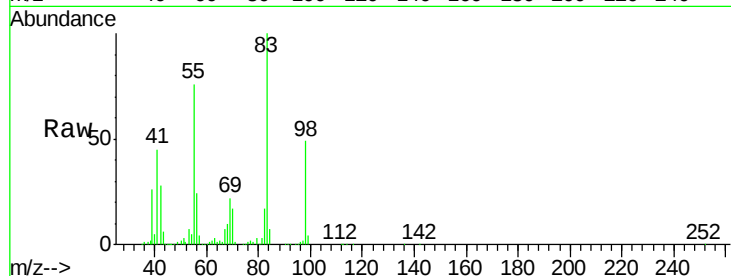
#39
Methvlcvclohexane
Concen: 44.338 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. 0.00 min
Lab File: VW008236.D
Acq: 12 Jan 2019 12:00

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
55	76.1	67.8	101.6
98	48.6	40.2	60.4

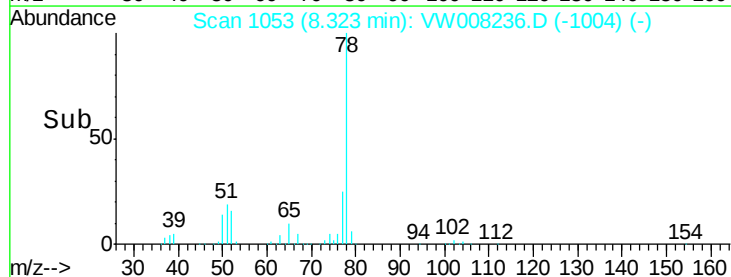
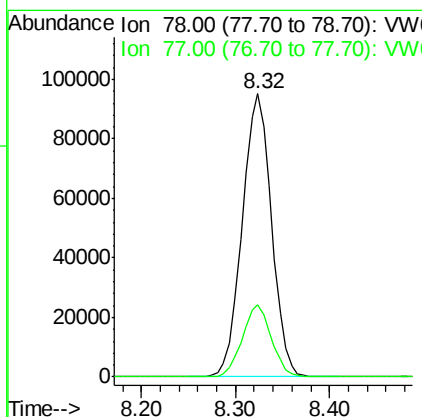
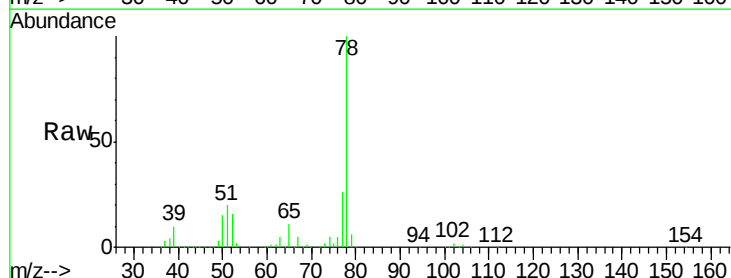
Manual Integrations
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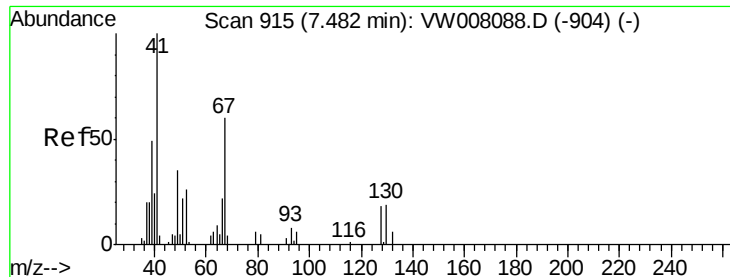
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#40
Benzene
Concen: 51.368 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. 0.00 min
Lab File: VW008236.D
Acq: 12 Jan 2019 12:00

Tgt Ion	Ratio	Lower	Upper
78	100		
77	25.5	20.2	30.4





#41

Methacrylonitrile

Concen: 48.513 ug/l

RT: 7.48 min Scan# 915

Delta R.T. 0.00 min

Lab File: VW008236.D

Acq: 12 Jan 2019 12:00

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 41 Resp: 18230

Ion Ratio Lower Upper

41 100

39 59.8 47.9 71.9

67 77.5 56.3 84.5

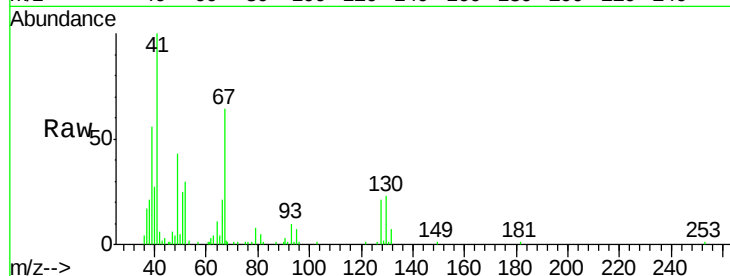
52 34.4 24.5 36.7

Manual Integrations

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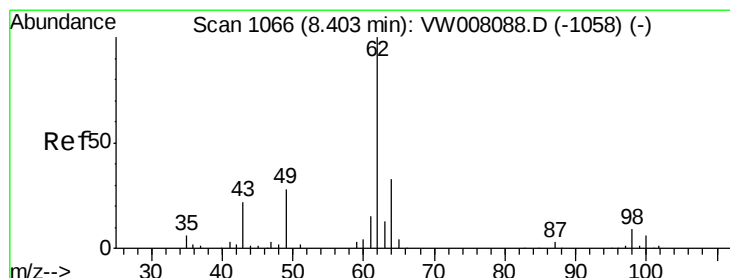
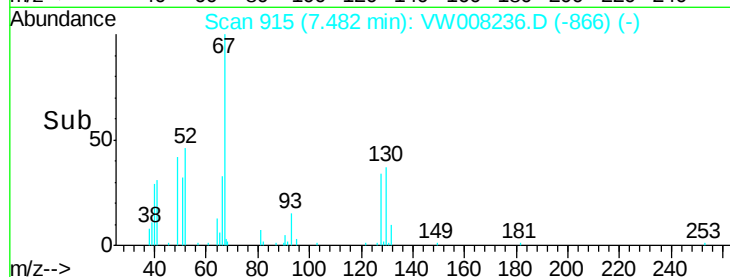
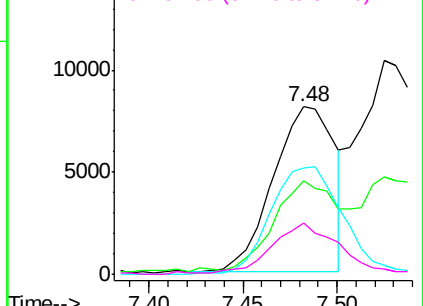


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

Ion 67.00 (66.70 to 67.70): VW

Ion 52.00 (51.70 to 52.70): VW



#42

1,2-Dichloroethane

Concen: 51.457 ug/l

RT: 8.40 min Scan# 1066

Delta R.T. 0.00 min

Lab File: VW008236.D

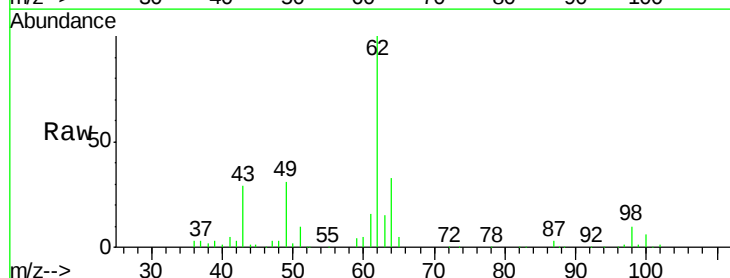
Acq: 12 Jan 2019 12:00

Tgt Ion: 62 Resp: 58285

Ion Ratio Lower Upper

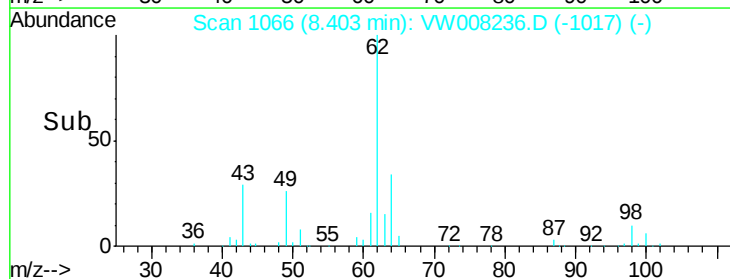
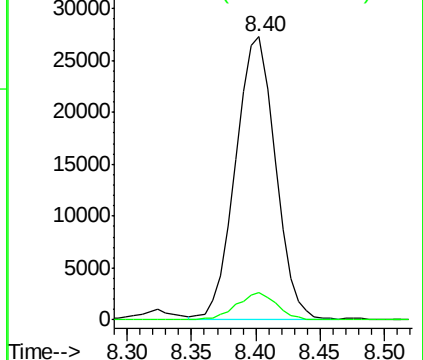
62 100

98 9.7 0.0 18.6



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 97.90 (97.60 to 98.60): VW





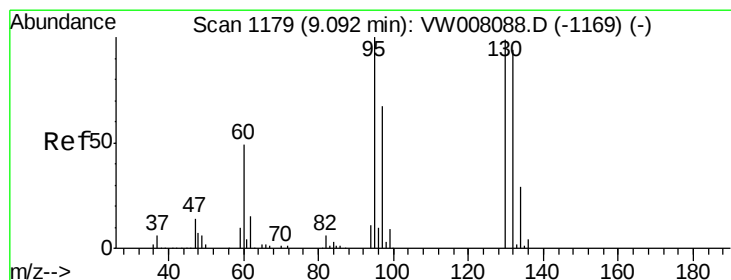
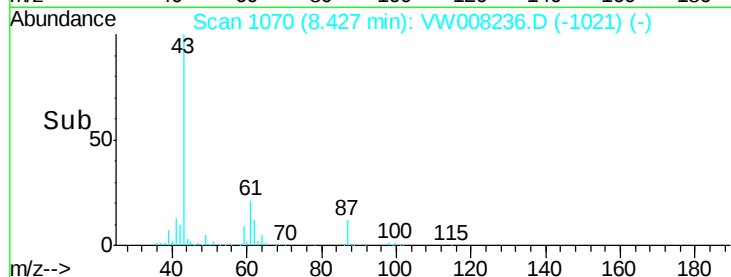
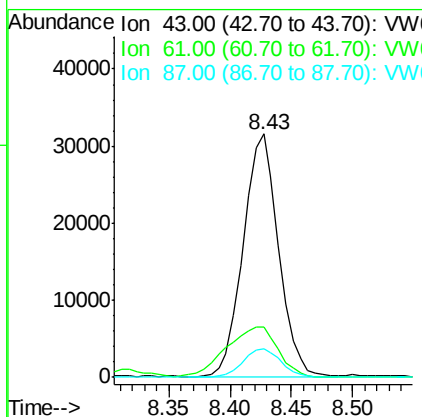
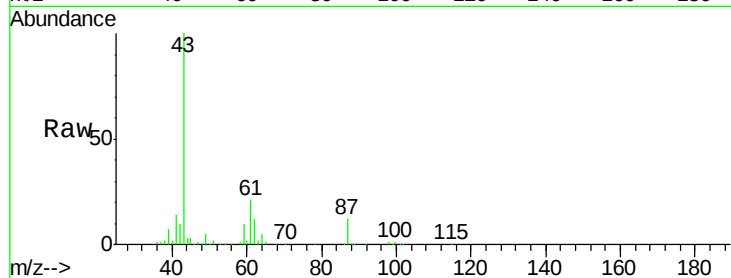
#43
Isopropyl Acetate
Concen: 52.986 ug/l
RT: 8.43 min Scan# 1070
Delta R.T. 0.00 min
Lab File: VW008236.D
Acq: 12 Jan 2019 12:00

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	30.7	24.8	37.2
87	12.5	10.4	15.6

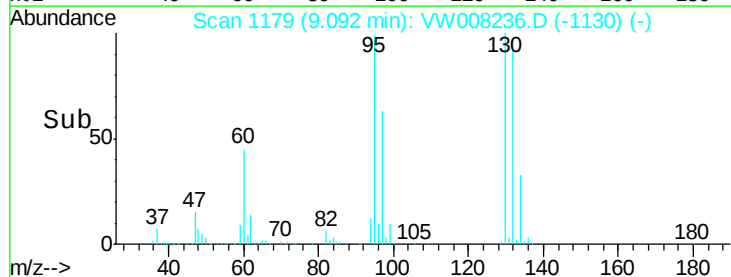
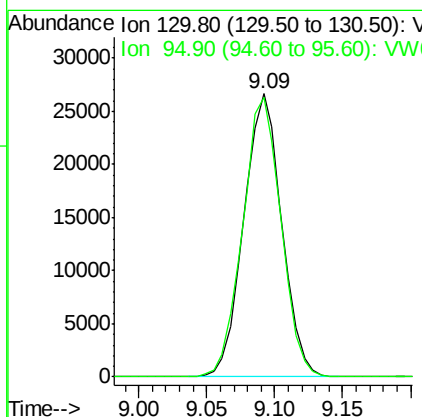
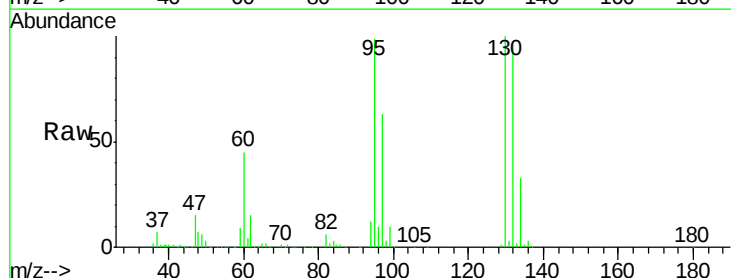
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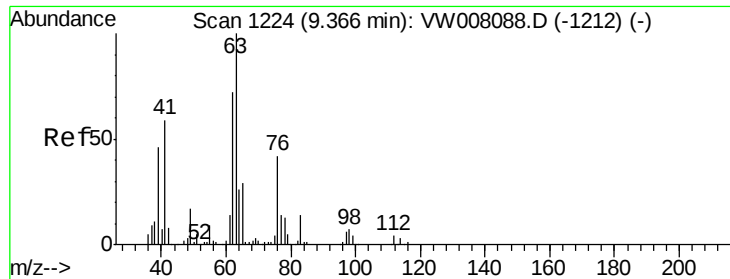
apatel
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#44
Trichloroethene
Concen: 50.346 ug/l
RT: 9.09 min Scan# 1179
Delta R.T. 0.00 min
Lab File: VW008236.D
Acq: 12 Jan 2019 12:00

Tgt Ion	Ratio	Lower	Upper
130	100		
95	98.9	0.0	202.8





#45

1,2-Dichloropropane

Concen: 53.397 ug/l

RT: 9.37 min Scan# 1224

Delta R.T. 0.00 min

Lab File: VW008236.D

Acq: 12 Jan 2019 12:00

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 63 Resp: 53322

Ion Ratio Lower Upper

63 100

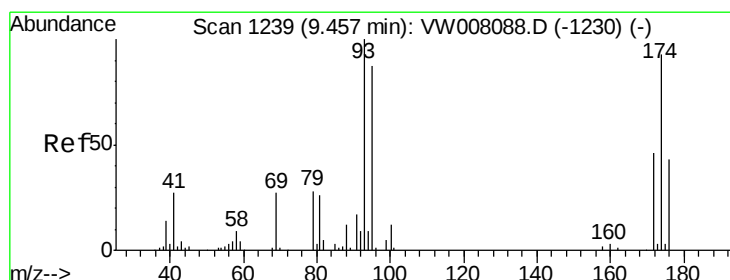
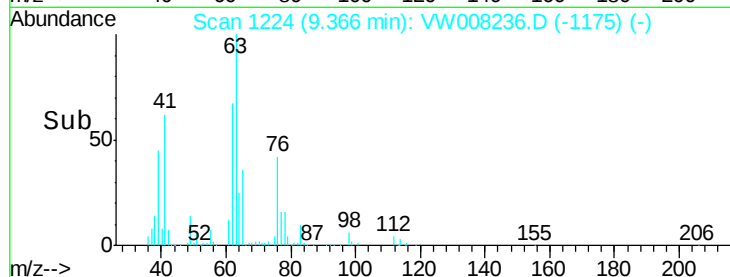
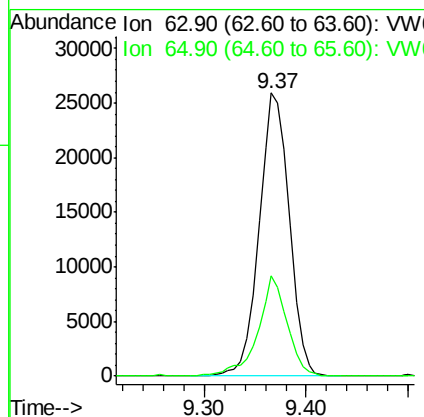
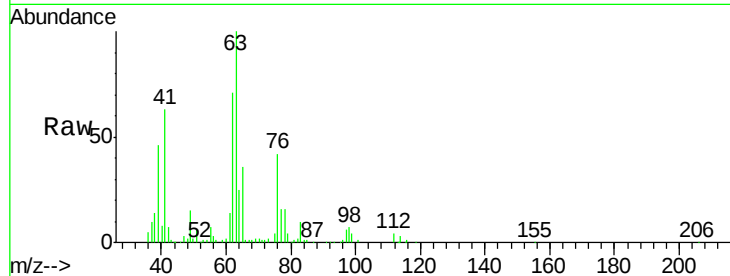
65 35.6 23.3 34.9#

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#46

Dibromomethane

Concen: 54.244 ug/l

RT: 9.46 min Scan# 1239

Delta R.T. 0.00 min

Lab File: VW008236.D

Acq: 12 Jan 2019 12:00

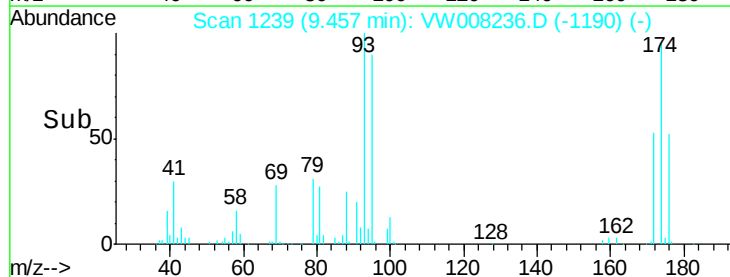
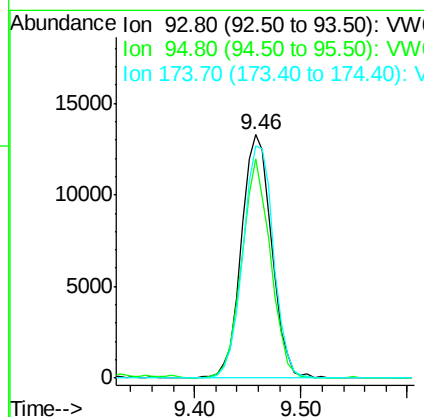
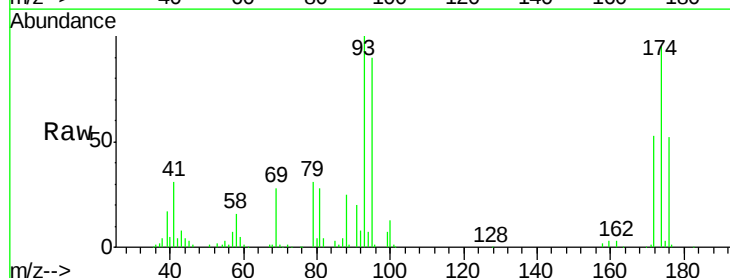
Tgt Ion: 93 Resp: 26602

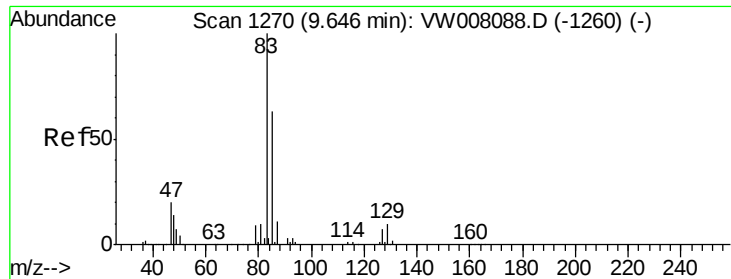
Ion Ratio Lower Upper

93 100

95 84.9 67.5 101.3

174 96.3 72.5 108.7





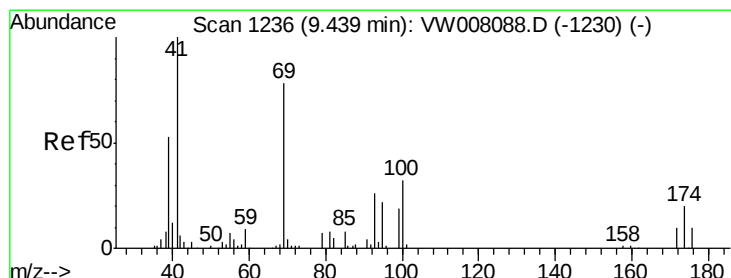
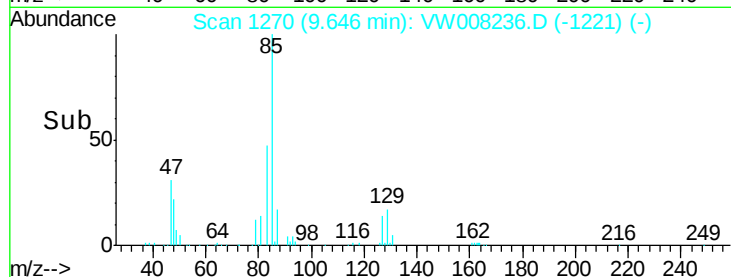
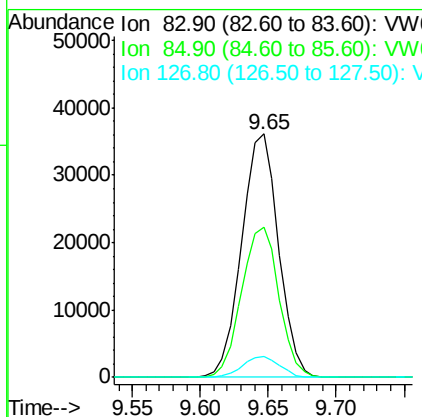
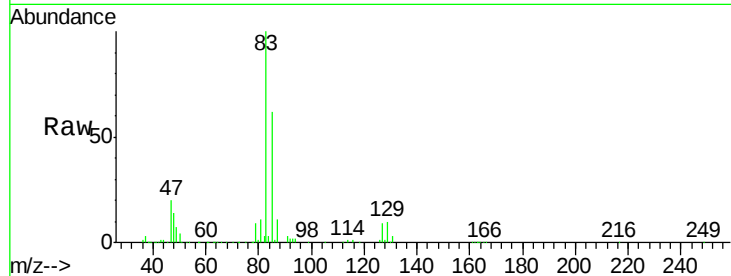
#47
Bromodichloromethane
Concen: 55.050 ug/l
RT: 9.65 min Scan# 1270
Delta R.T. 0.00 min
Lab File: VW008236.D
Acq: 12 Jan 2019 12:00

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	83	Resp	68552
Ion Ratio	100	Lower	Upper
83	100		
85	61.7	50.7	76.1
127	8.5	6.0	9.0

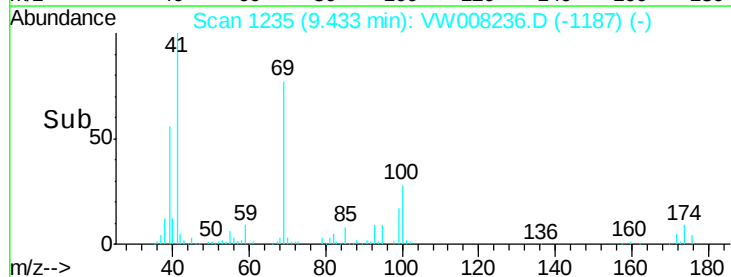
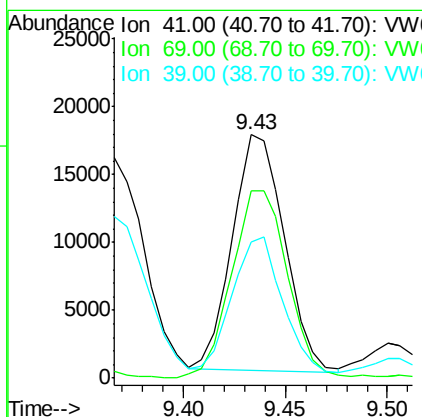
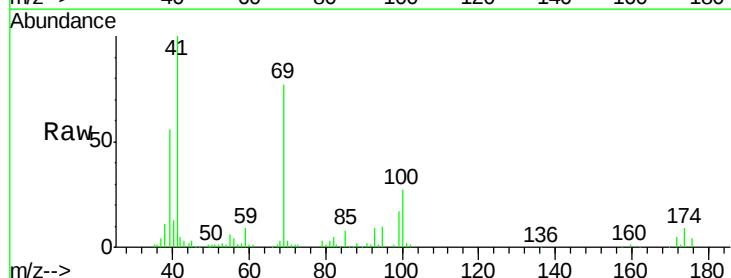
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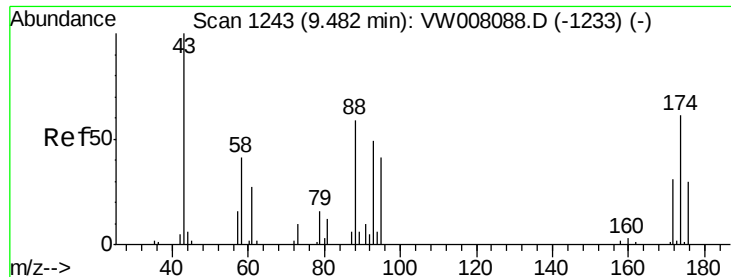
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#48
Methyl methacrylate
Concen: 54.754 ug/l
RT: 9.43 min Scan# 1235
Delta R.T. -0.01 min
Lab File: VW008236.D
Acq: 12 Jan 2019 12:00

Tgt Ion	41	Resp	30729
Ion Ratio	100	Lower	Upper
41	100		
69	86.2	61.9	92.9
39	60.3	43.0	64.4





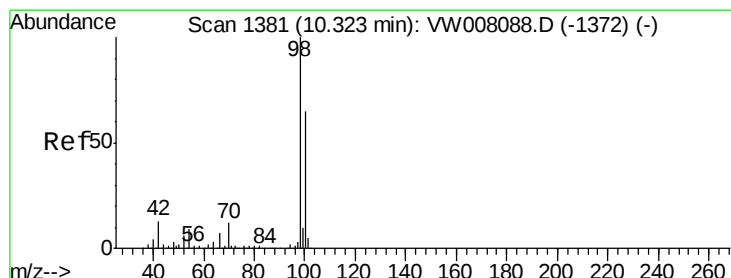
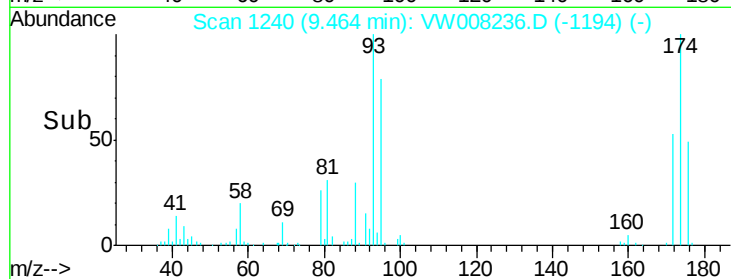
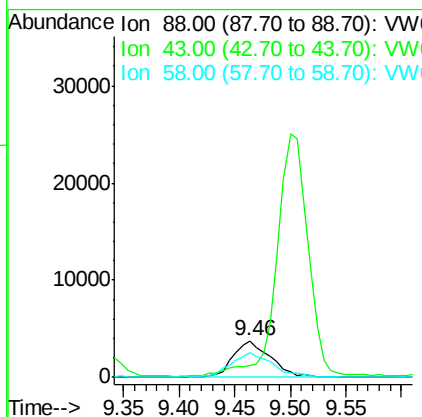
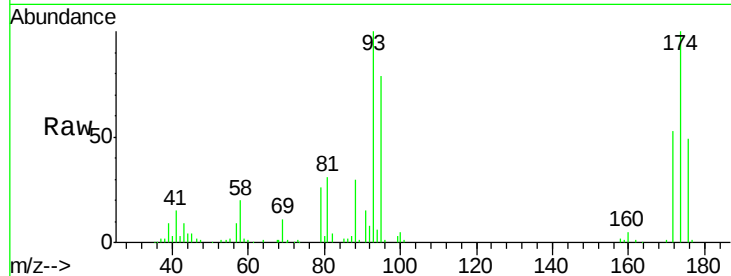
#49
 1,4-Dioxane
 Concen: 1118.958 ug/l
 RT: 9.46 min Scan# 1240
 Delta R.T. -0.02 min
 Lab File: VW008236.D
 Acq: 12 Jan 2019 12:00

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	88	Resp	8825
Ion Ratio	100	Lower	Upper
88	100		
43	0.0	0.0	0.0
58	75.3	61.7	92.5

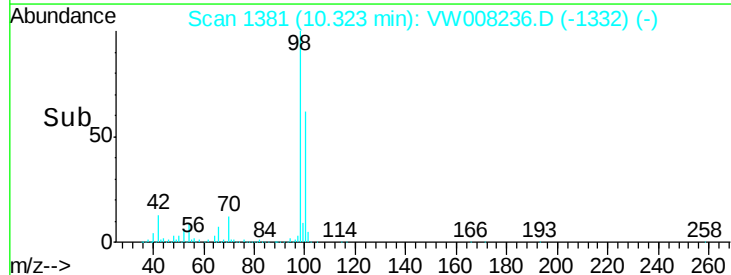
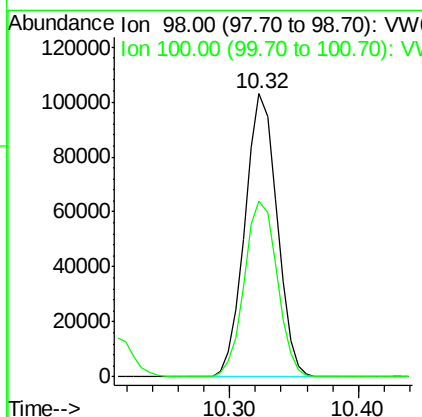
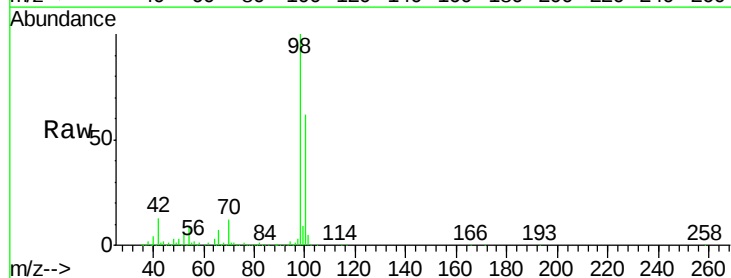
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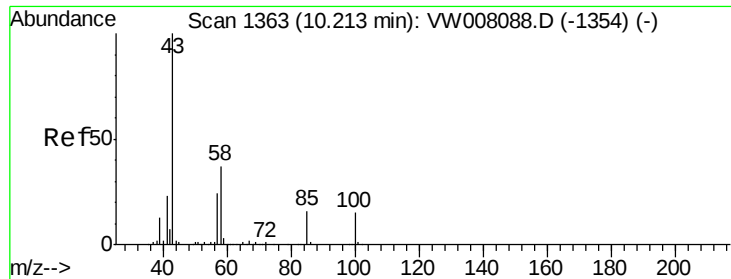
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#50
 Toluene-d8
 Concen: 50.281 ug/l
 RT: 10.32 min Scan# 1381
 Delta R.T. 0.00 min
 Lab File: VW008236.D
 Acq: 12 Jan 2019 12:00

Tgt Ion	98	Resp	177390
Ion Ratio	100	Lower	Upper
98	100		
100	63.7	51.7	77.5





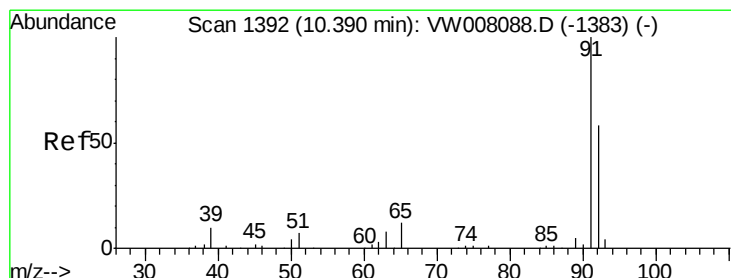
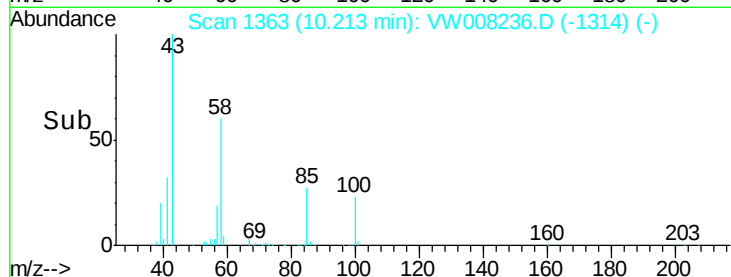
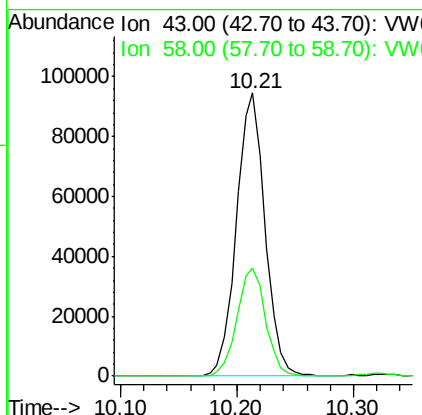
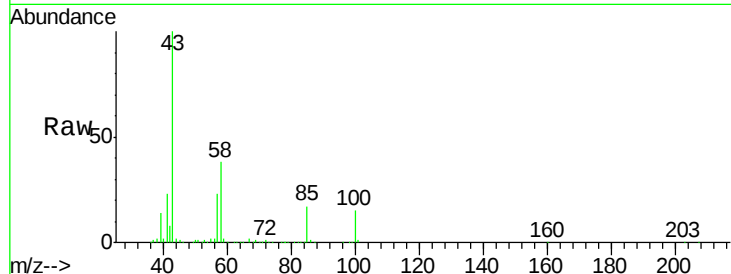
#51
4-Methyl-2-Pentanone
Concen: 281.228 ug/l
RT: 10.21 min Scan# 1363
Delta R.T. 0.00 min
Lab File: VW008236.D
Acq: 12 Jan 2019 12:00

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 161910
Ion Ratio Lower Upper
43 100
58 38.3 30.6 46.0

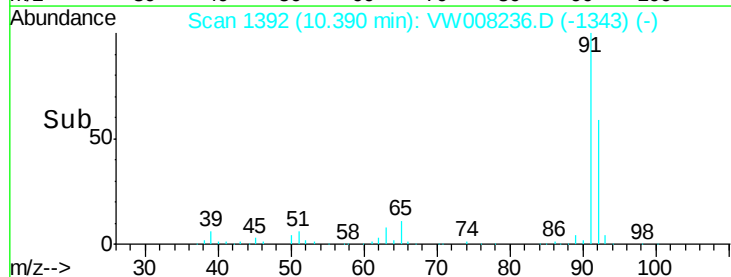
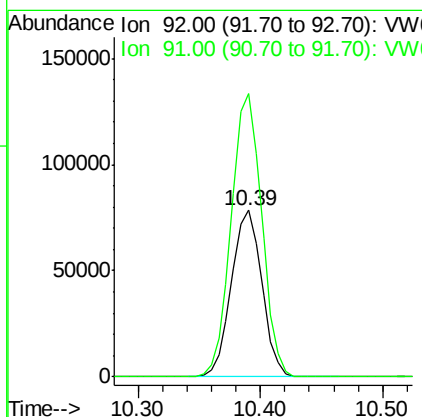
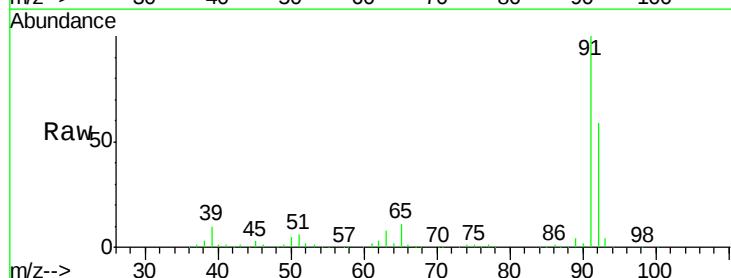
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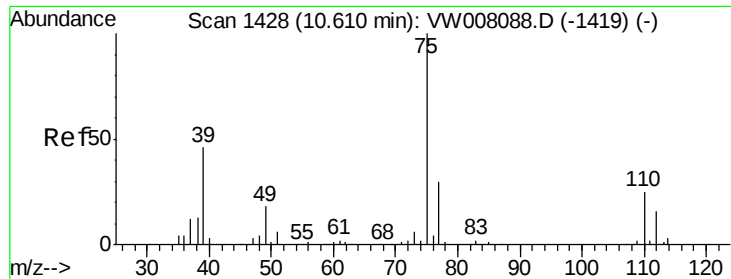
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#52
Toluene
Concen: 52.546 ug/l
RT: 10.39 min Scan# 1392
Delta R.T. 0.00 min
Lab File: VW008236.D
Acq: 12 Jan 2019 12:00

Tgt Ion: 92 Resp: 135147
Ion Ratio Lower Upper
92 100
91 170.2 137.0 205.4





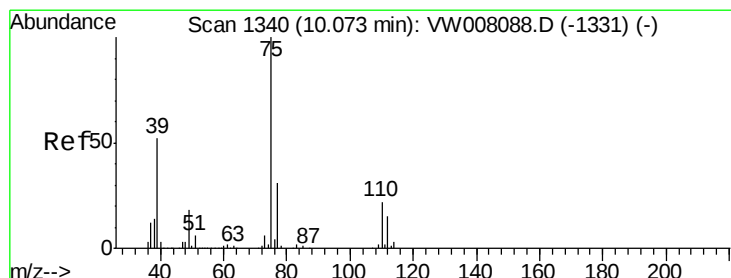
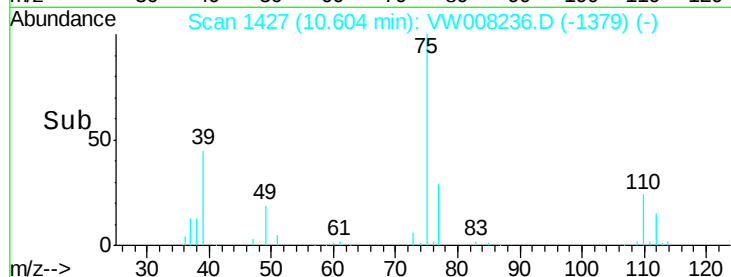
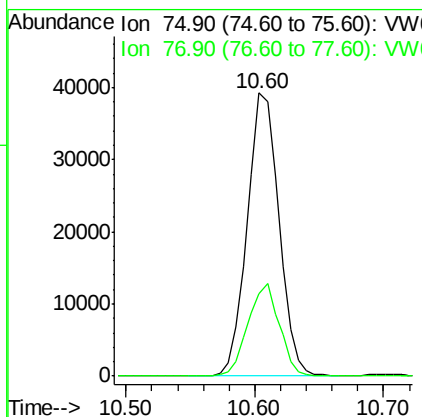
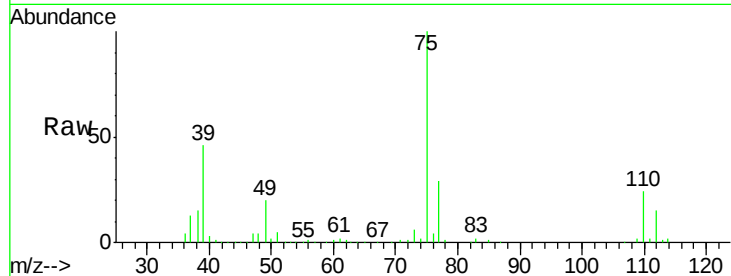
#53
 t-1,3-Dichloropropene
 Concen: 51.568 ug/l
 RT: 10.60 min Scan# 1427
 Delta R.T. -0.01 min
 Lab File: VW008236.D
 Acq: 12 Jan 2019 12:00

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 75 Resp: 66796
 Ion Ratio Lower Upper
 75 100
 77 29.0 24.4 36.6

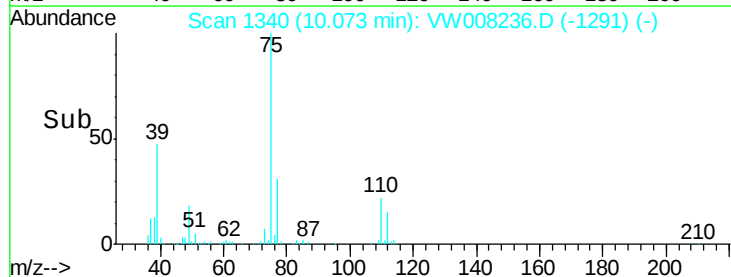
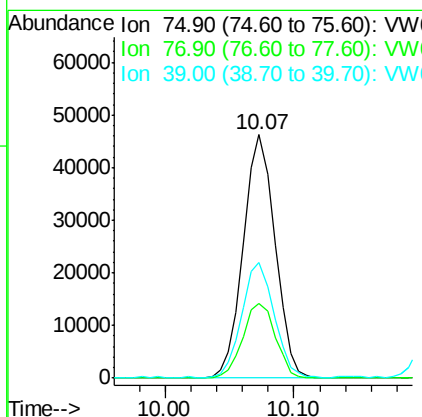
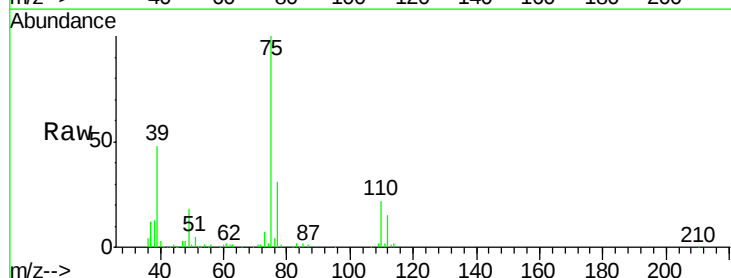
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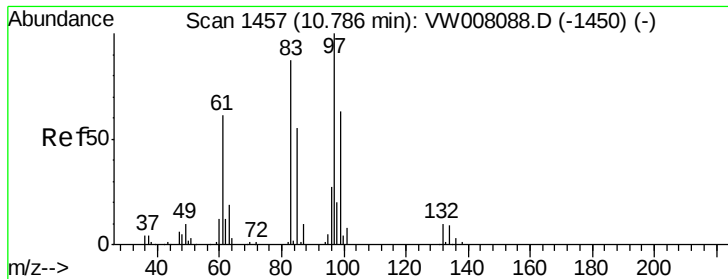
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#54
 cis-1,3-Dichloropropene
 Concen: 51.409 ug/l
 RT: 10.07 min Scan# 1340
 Delta R.T. 0.00 min
 Lab File: VW008236.D
 Acq: 12 Jan 2019 12:00

Tgt Ion: 75 Resp: 78963
 Ion Ratio Lower Upper
 75 100
 77 30.9 25.2 37.8
 39 47.2 41.4 62.0





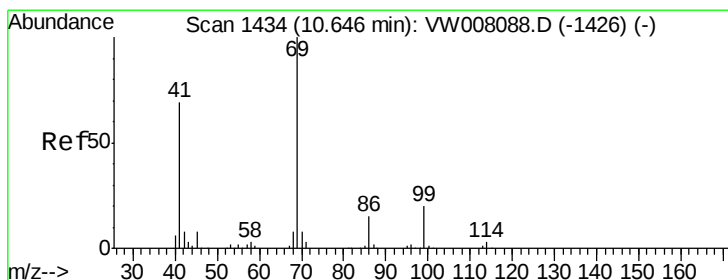
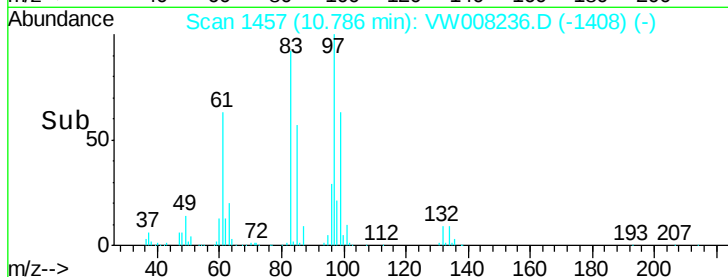
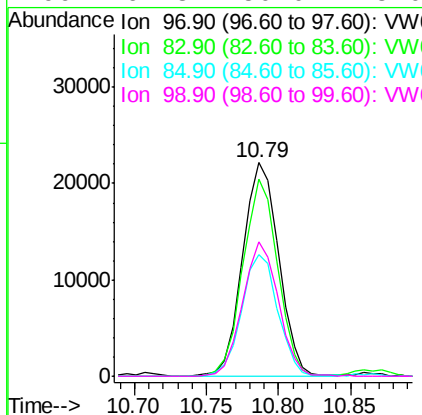
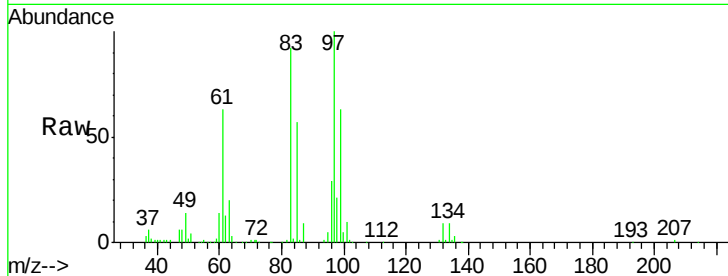
#55
 1,1,2-Trichloroethane
 Concen: 56.011 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. 0.00 min
 Lab File: VW008236.D
 Acq: 12 Jan 2019 12:00

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:	97	Resp:	38566
Ion	Ratio	Lower	Upper
97	100		
83	92.4	69.3	103.9
85	57.1	43.8	65.6
99	62.8	50.0	75.0

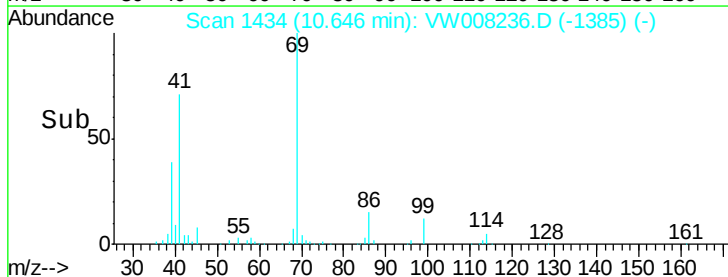
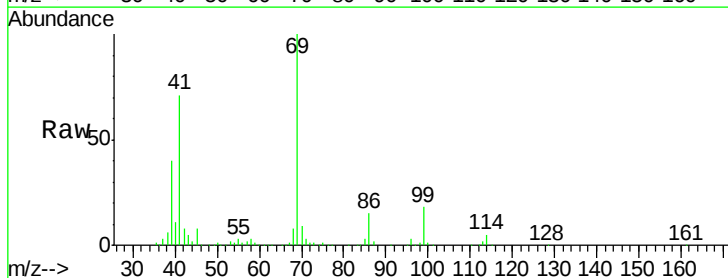
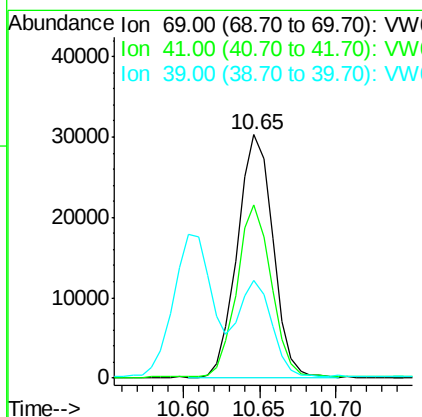
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#56
 Ethyl methacrylate
 Concen: 57.414 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: VW008236.D
 Acq: 12 Jan 2019 12:00

Tgt Ion:	69	Resp:	48957
Ion	Ratio	Lower	Upper
69	100		
41	70.0	56.4	84.6
39	36.6	28.1	42.1





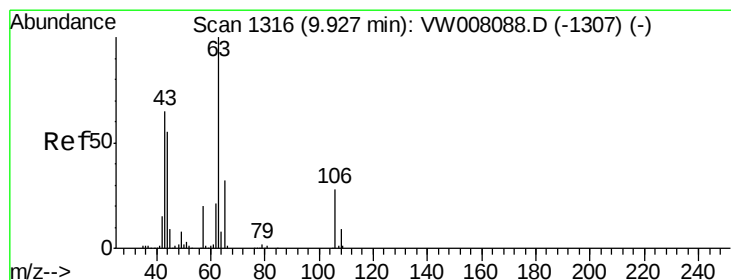
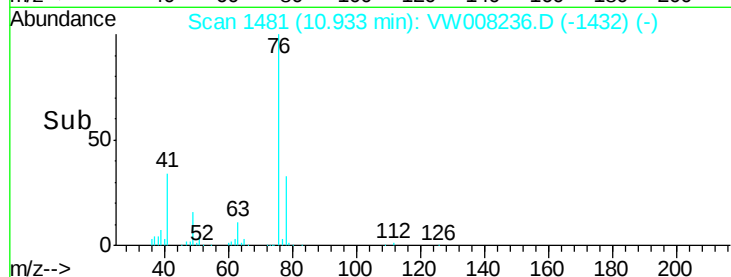
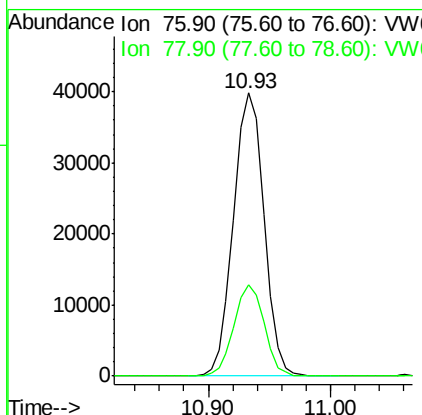
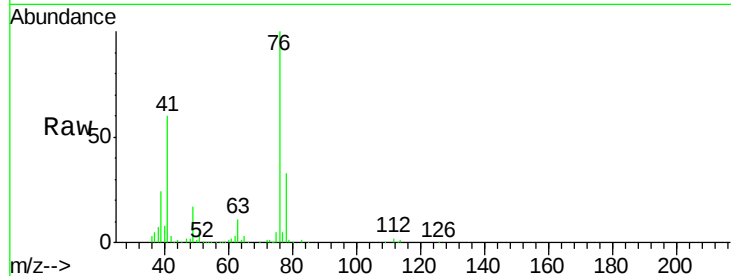
#57
 1,3-Dichloropropane
 Concen: 54.744 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. 0.00 min
 Lab File: VW008236.D
 Acq: 12 Jan 2019 12:00

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 76 Resp: 68937
 Ion Ratio Lower Upper
 76 100
 78 32.2 25.7 38.5

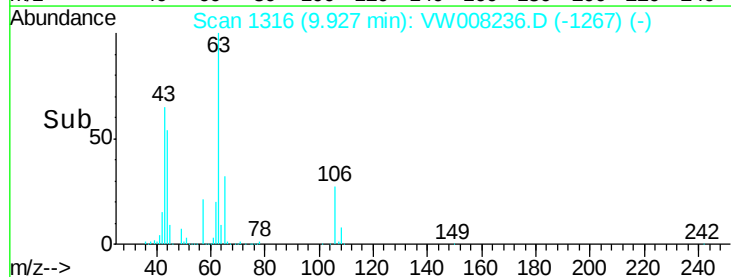
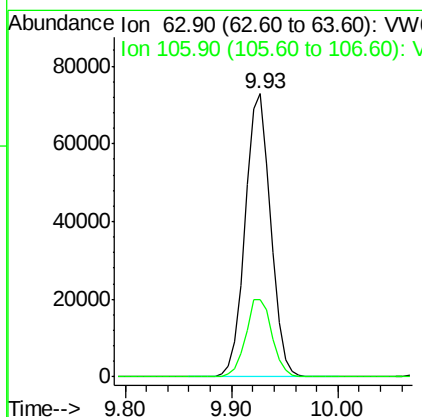
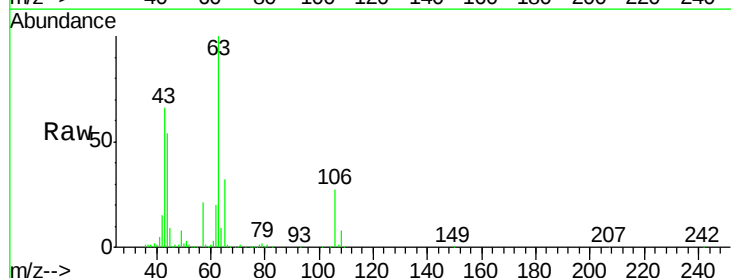
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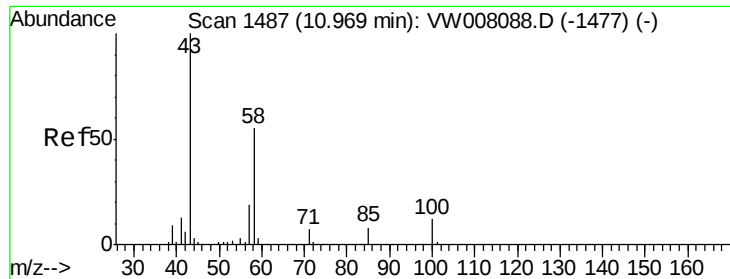
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#58
 2-Chloroethyl Vinyl ether
 Concen: 278.477 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VW008236.D
 Acq: 12 Jan 2019 12:00

Tgt Ion: 63 Resp: 122659
 Ion Ratio Lower Upper
 63 100
 106 28.1 21.8 32.6





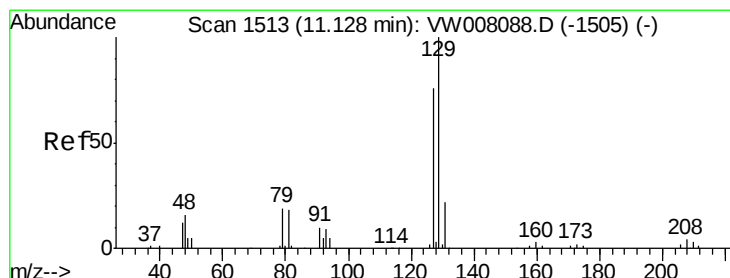
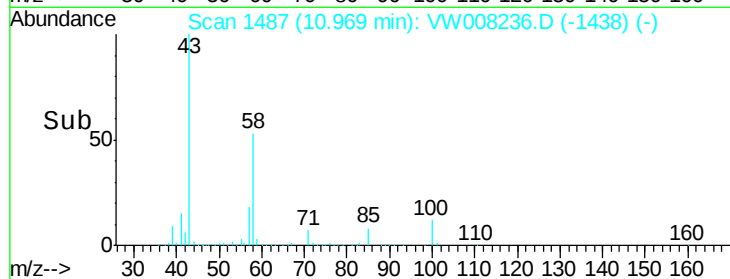
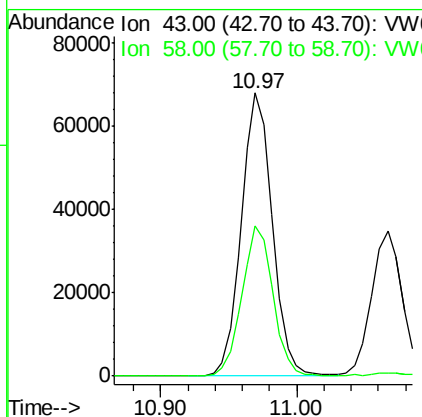
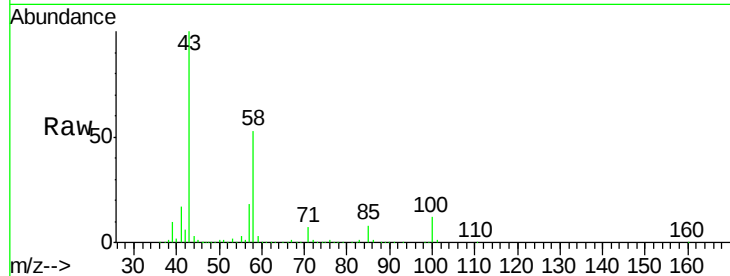
#59
2-Hexanone
Concen: 277.625 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VW008236.D
Acq: 12 Jan 2019 12:00

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 108088
Ion Ratio Lower Upper
43 100
58 53.4 27.2 81.5

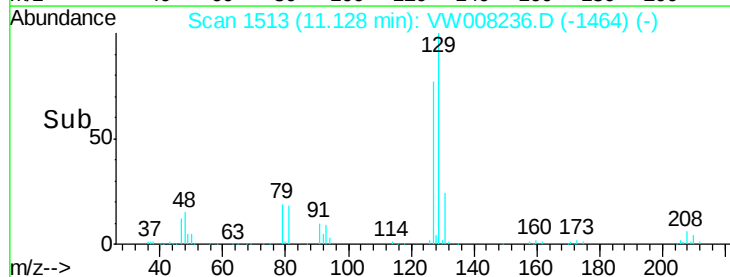
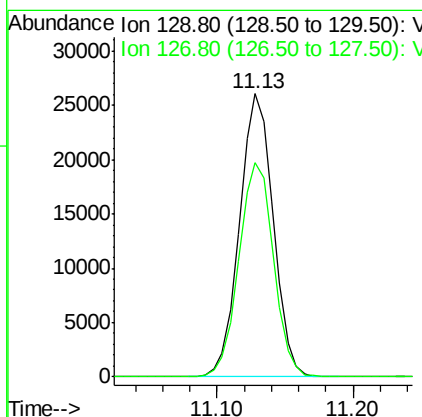
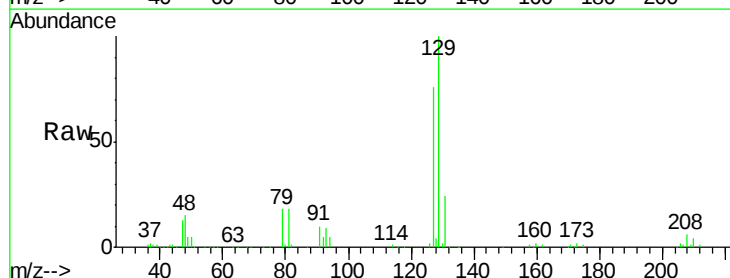
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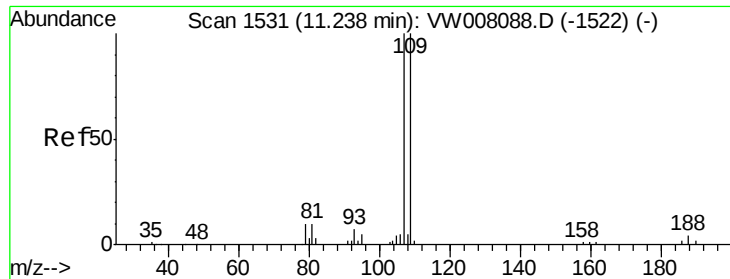
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#60
Dibromochloromethane
Concen: 59.737 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VW008236.D
Acq: 12 Jan 2019 12:00

Tgt Ion: 129 Resp: 45167
Ion Ratio Lower Upper
129 100
127 77.9 38.9 116.6





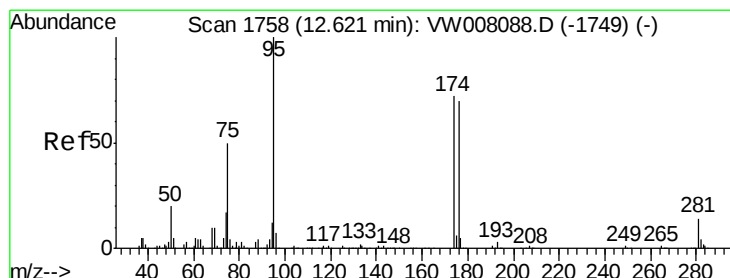
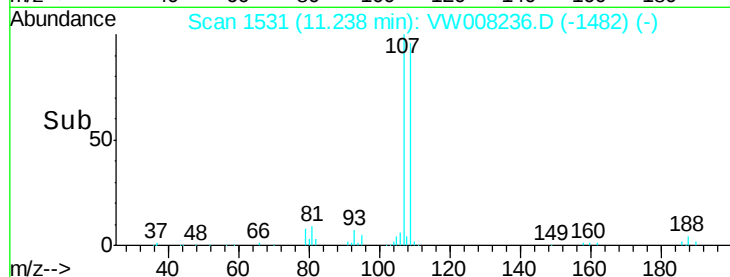
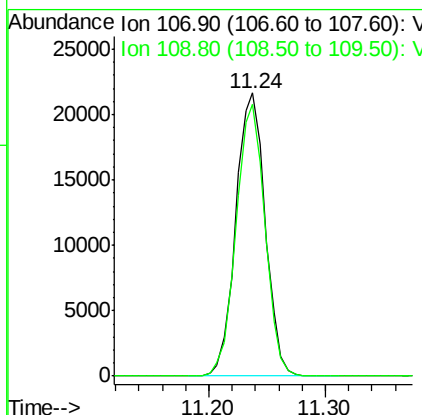
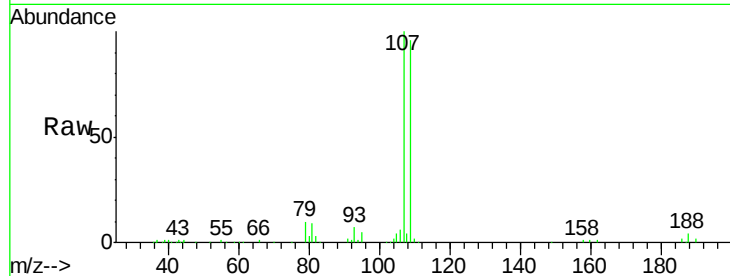
#61
 1,2-Dibromoethane
 Concen: 58.324 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. 0.00 min
 Lab File: VW008236.D
 Acq: 12 Jan 2019 12:00

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
107	100		
109	94.2	75.9	113.9

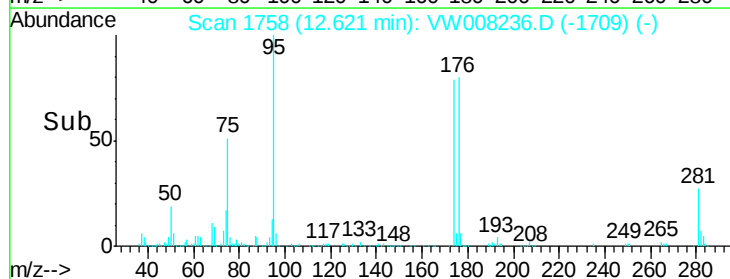
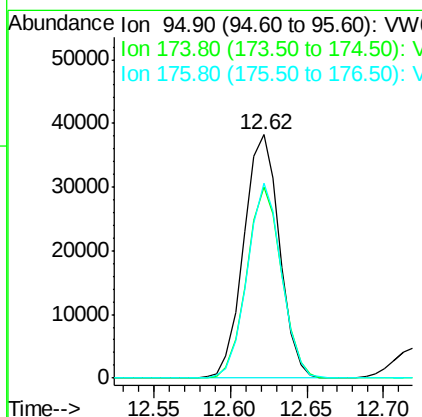
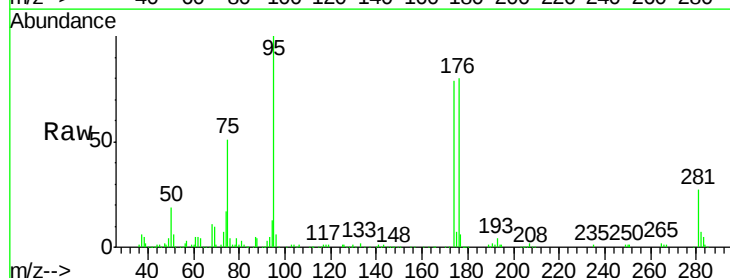
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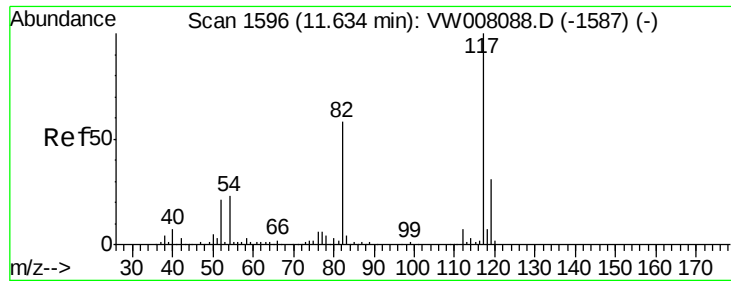
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#62
 4-Bromofluorobenzene
 Concen: 49.048 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.00 min
 Lab File: VW008236.D
 Acq: 12 Jan 2019 12:00

Tgt Ion	Ratio	Lower	Upper
95	100		
174	76.7	0.0	143.0
176	76.5	0.0	140.2





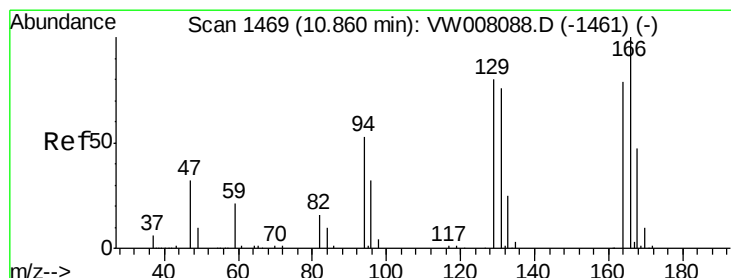
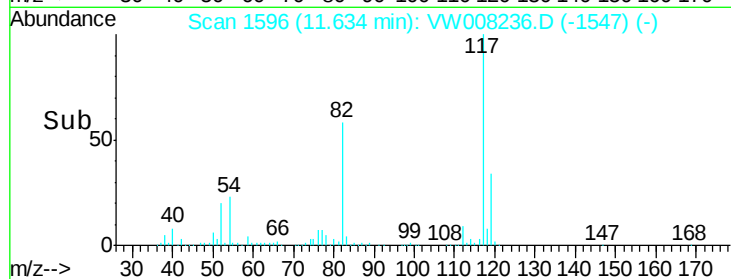
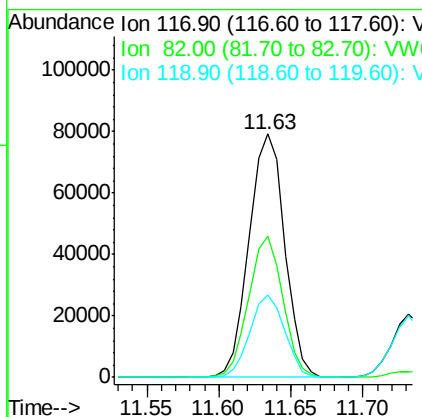
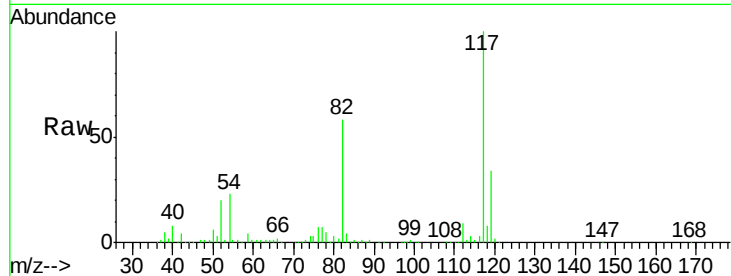
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW008236.D
Acq: 12 Jan 2019 12:00

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	57.8	46.4	69.6
119	33.7	24.7	37.1

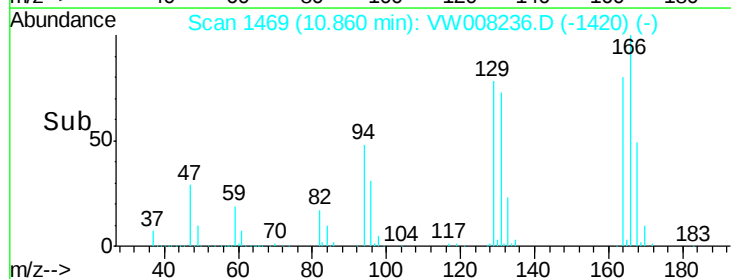
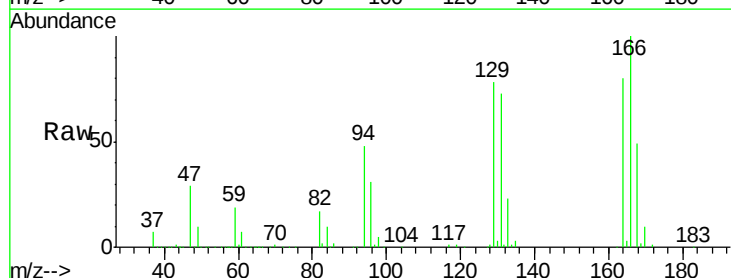
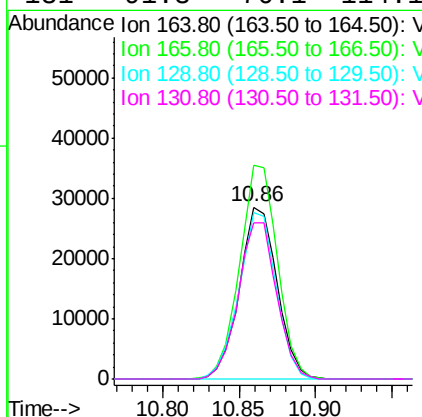
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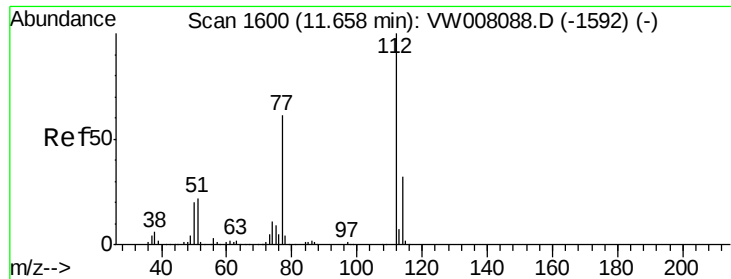
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#64
Tetrachloroethene
Concen: 55.509 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VW008236.D
Acq: 12 Jan 2019 12:00

Tgt Ion	Ratio	Lower	Upper
164	100		
166	124.4	100.7	151.1
129	96.7	81.0	121.4
131	91.3	76.1	114.1





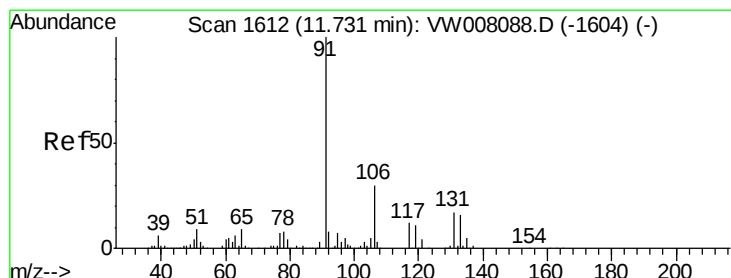
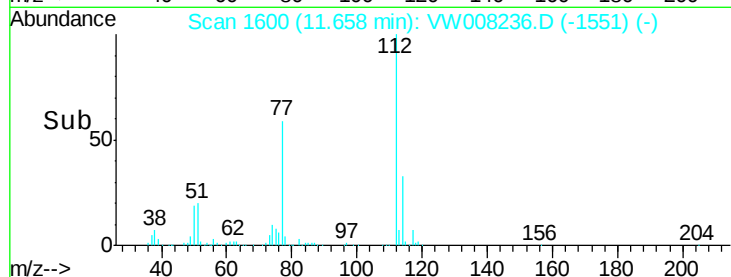
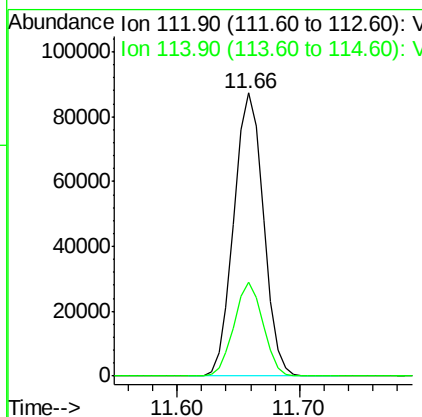
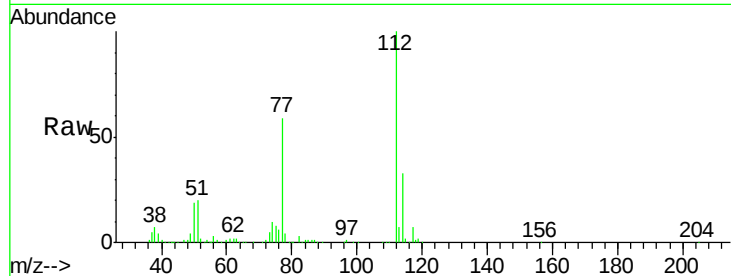
#65
Chlorobenzene
Concen: 51.048 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VW008236.D
Acq: 12 Jan 2019 12:00

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion:112 Resp: 146079
Ion Ratio Lower Upper
112 100
114 33.3 25.6 38.4

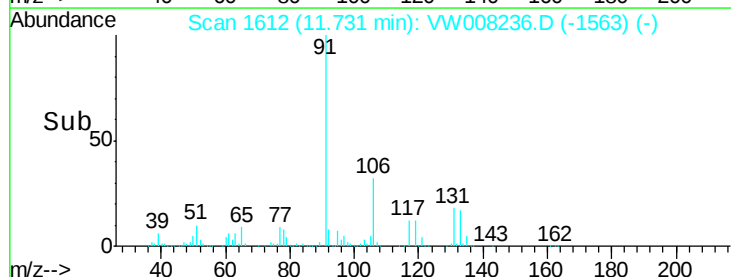
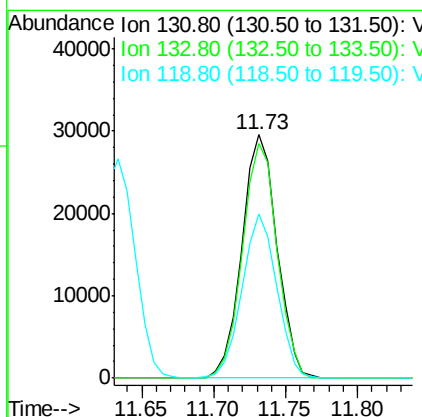
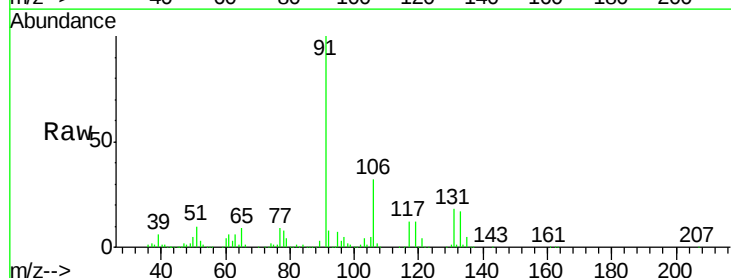
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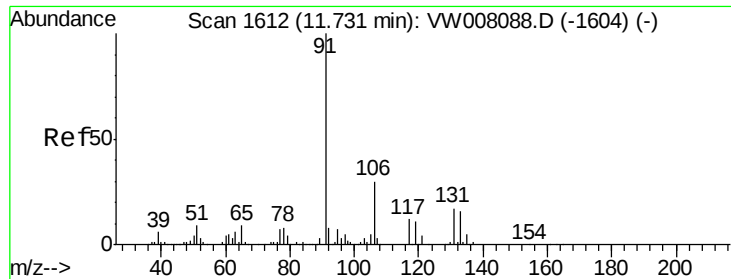
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#66
1,1,1,2-Tetrachloroethane
Concen: 53.478 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW008236.D
Acq: 12 Jan 2019 12:00

Tgt Ion:131 Resp: 49775
Ion Ratio Lower Upper
131 100
133 95.6 47.9 143.7
119 66.7 32.5 97.4





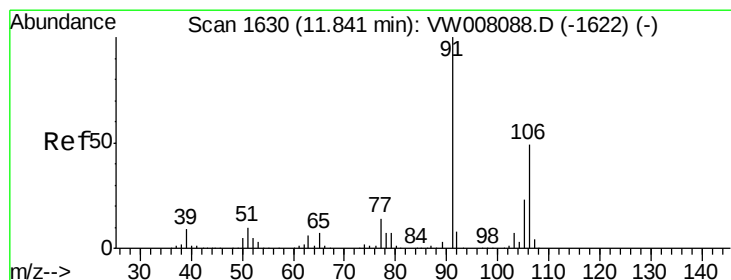
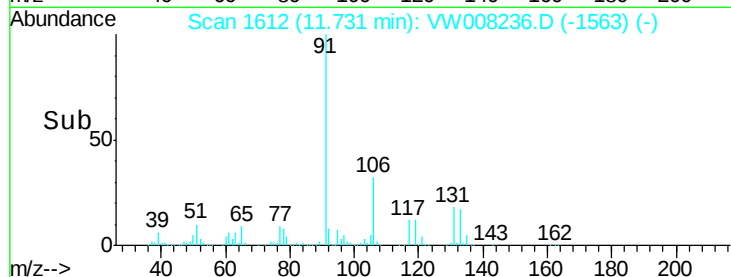
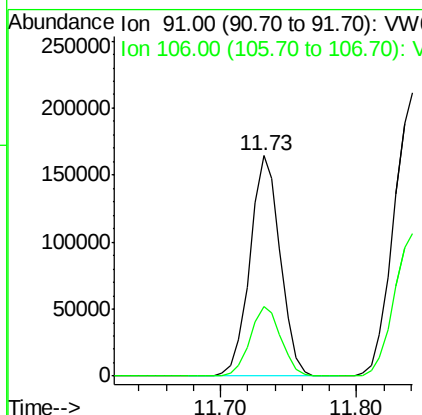
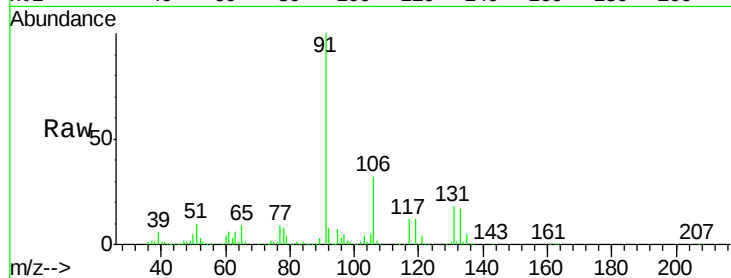
#67
Ethyl Benzene
Concen: 48.996 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW008236.D
Acq: 12 Jan 2019 12:00

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 256543
Ion Ratio Lower Upper
91 100
106 31.7 24.2 36.4

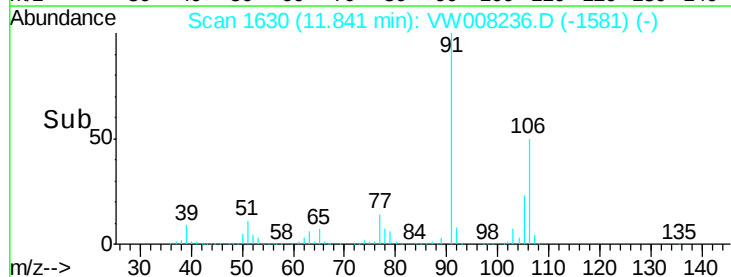
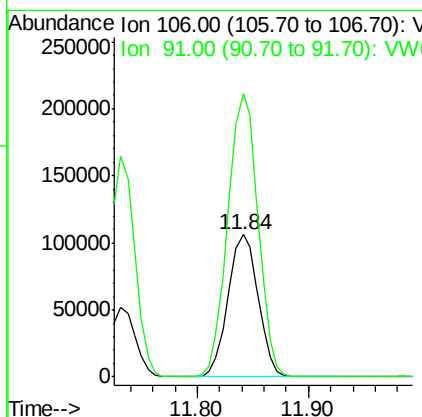
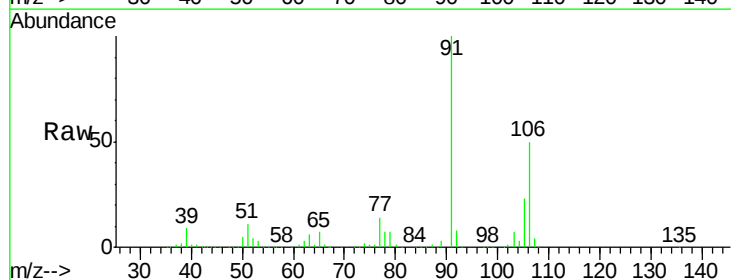
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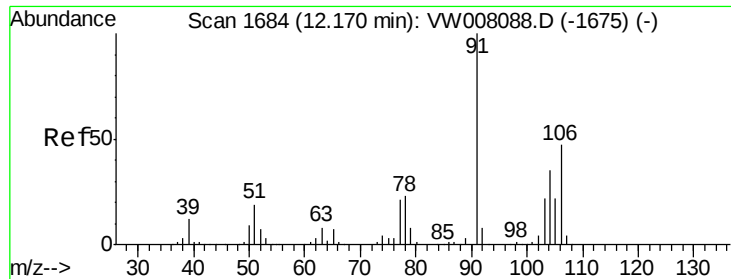
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#68
m/p-Xylenes
Concen: 99.465 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VW008236.D
Acq: 12 Jan 2019 12:00

Tgt Ion: 106 Resp: 198782
Ion Ratio Lower Upper
106 100
91 199.9 162.4 243.6





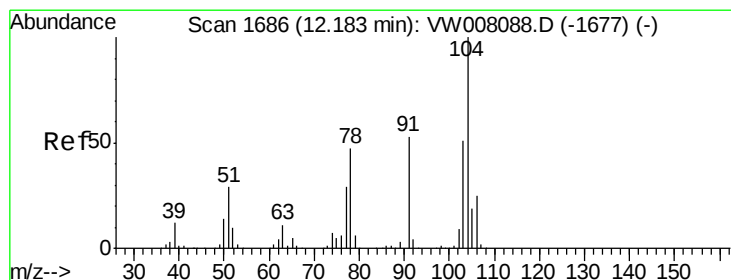
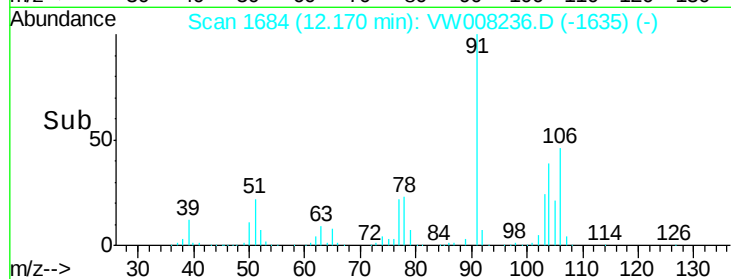
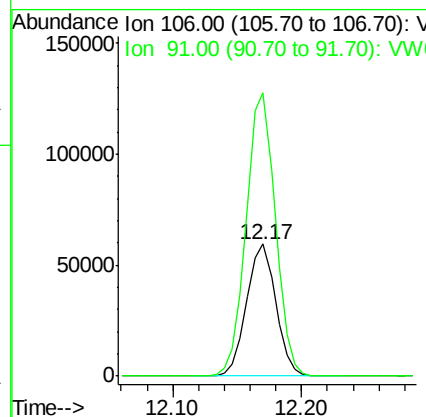
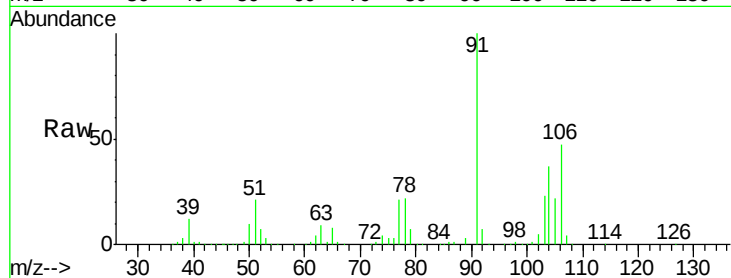
#69
o-Xylene
Concen: 50.311 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW008236.D
Acq: 12 Jan 2019 12:00

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion:106 Resp: 93110
Ion Ratio Lower Upper
106 100
91 213.6 107.8 323.6

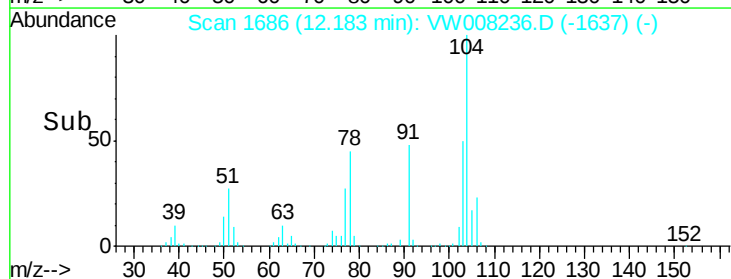
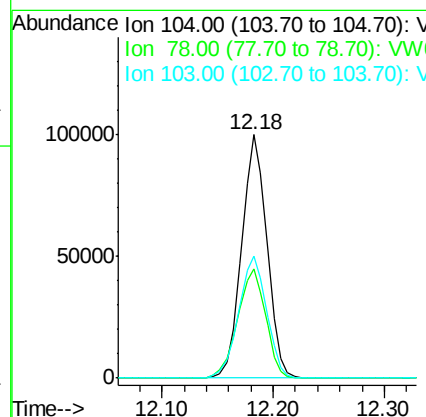
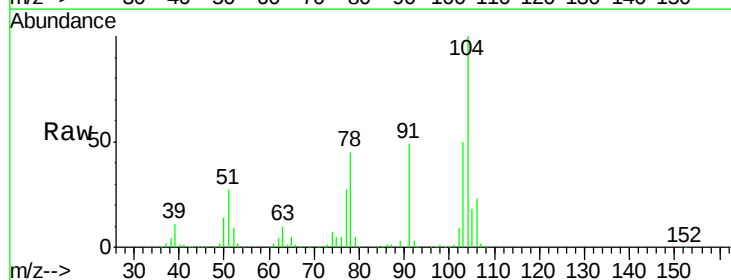
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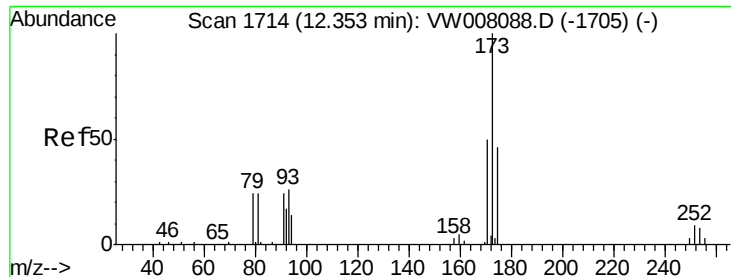
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#70
Styrene
Concen: 53.956 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW008236.D
Acq: 12 Jan 2019 12:00

Tgt Ion:104 Resp: 156408
Ion Ratio Lower Upper
104 100
78 49.9 41.8 62.8
103 55.6 43.8 65.8





#71

Bromoform

Concen: 60.676 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. 0.00 min

Lab File: VW008236.D

Acq: 12 Jan 2019 12:00

Instrument :

MSVOA_W

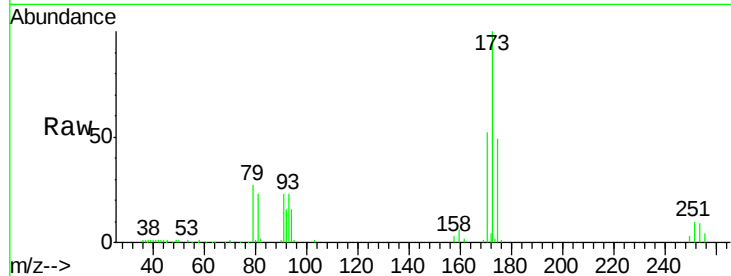
ClientSampleId :

VSTDCCC050EC

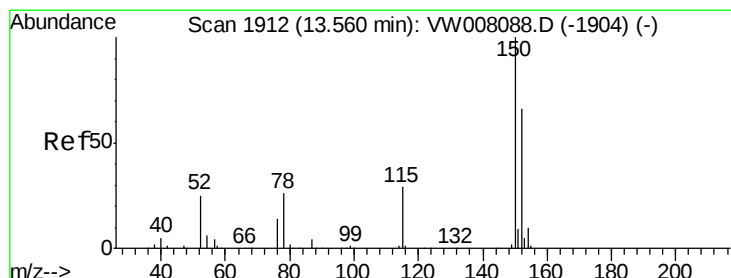
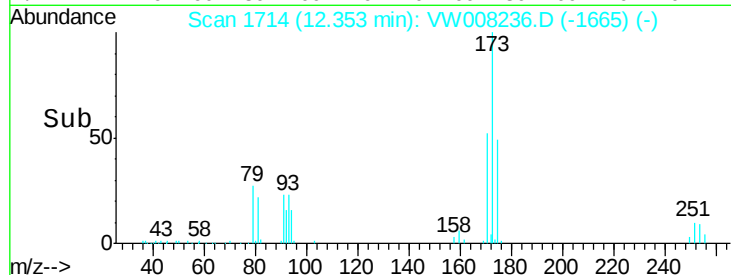
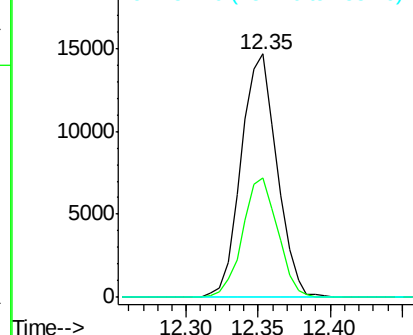
Tot Ion:173	Resp:	25275
Ion Ratio	Lower	Upper
173 100		
175 48.2	23.3	69.8
254 0.0	0.0	0.0

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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

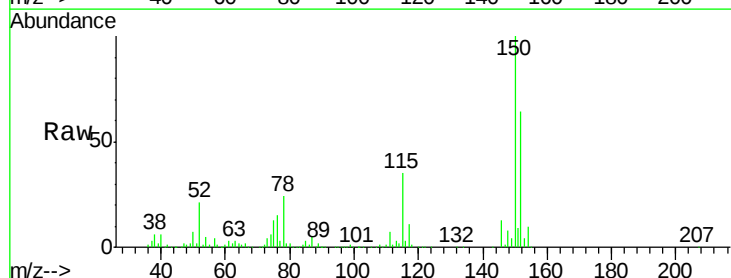
RT: 13.56 min Scan# 1912

Delta R.T. 0.00 min

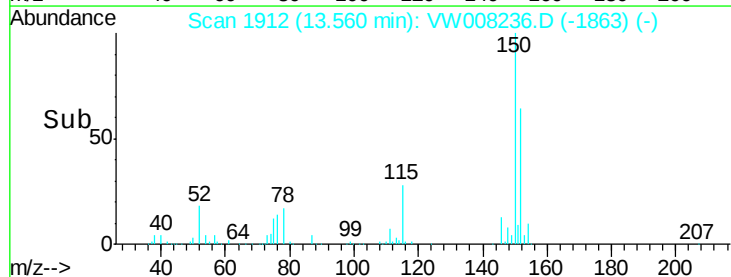
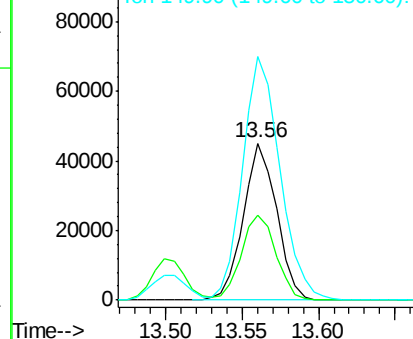
Lab File: VW008236.D

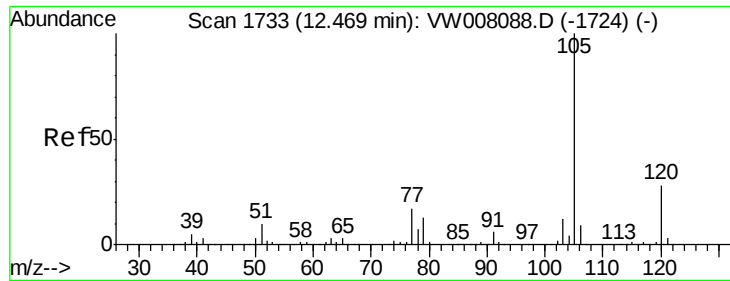
Acq: 12 Jan 2019 12:00

Tgt Ion:152	Resp:	68161
Ion Ratio	Lower	Upper
152 100		
115 56.3	30.8	92.4
150 174.5	0.0	350.2



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





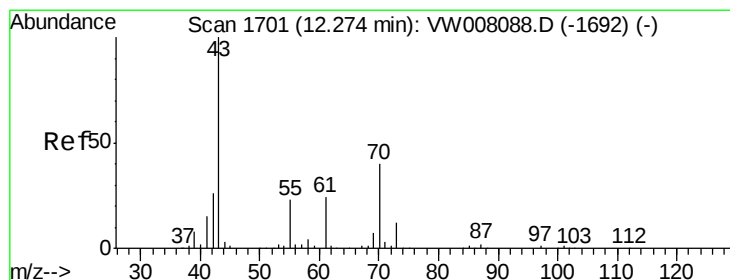
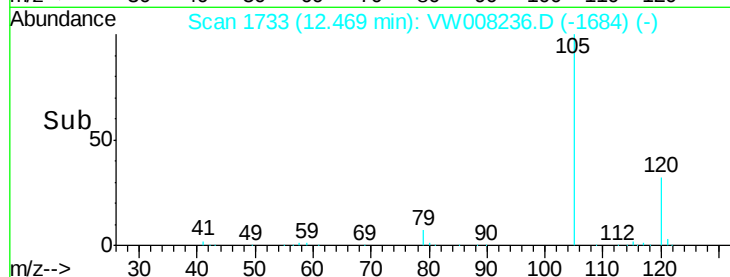
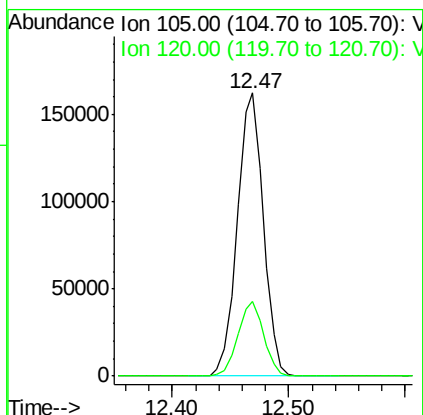
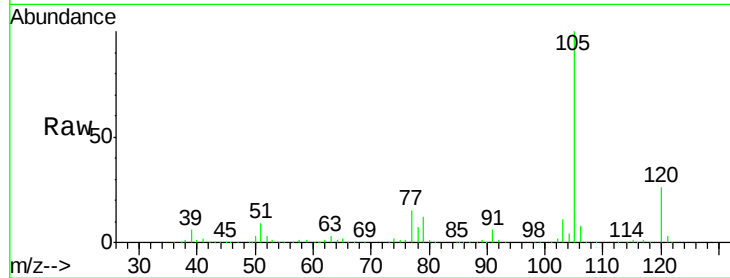
#73
Isopropylbenzene
Concen: 47.217 ug/l
RT: 12.47 min Scan# 1733
Delta R.T. 0.00 min
Lab File: VW008236.D
Acq: 12 Jan 2019 12:00

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion: 105 Resp: 252673
Ion Ratio Lower Upper
105 100
120 26.3 13.6 40.8

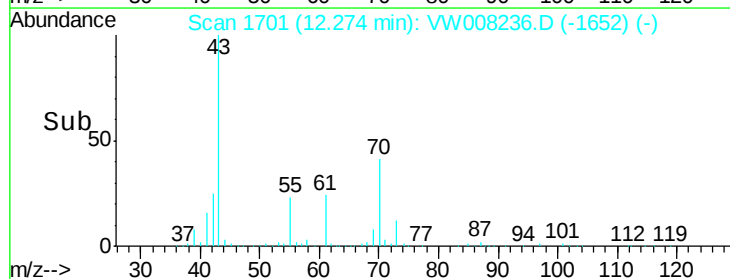
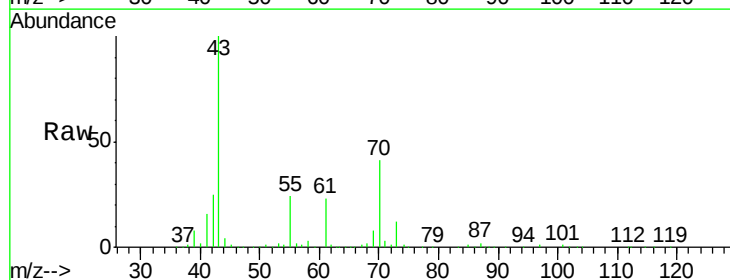
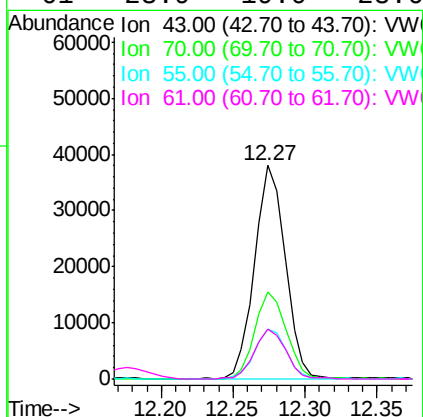
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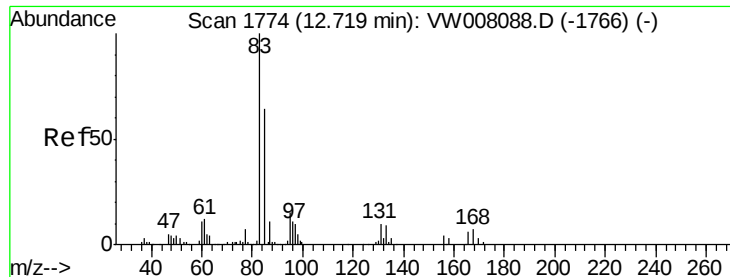
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#74
N-ethyl acetate
Concen: 47.503 ug/l
RT: 12.27 min Scan# 1701
Delta R.T. 0.00 min
Lab File: VW008236.D
Acq: 12 Jan 2019 12:00

Tgt Ion: 43 Resp: 56294
Ion Ratio Lower Upper
43 100
70 41.8 32.4 48.6
55 24.5 18.7 28.1
61 23.9 19.0 28.6





#75

1,1,2,2-Tetrachloroethane

Concen: 52.827 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. 0.00 min

Lab File: VW008236.D

Acq: 12 Jan 2019 12:00

Instrument :

MSVOA_W

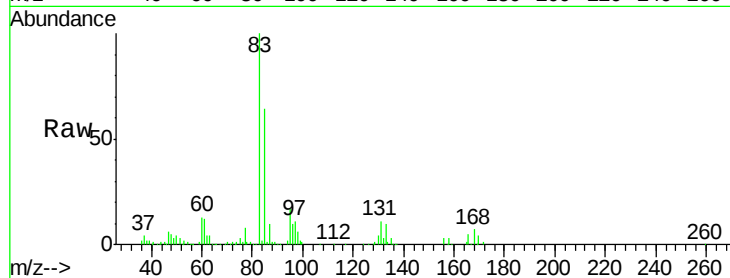
ClientSampleId :

VSTDCCC050EC

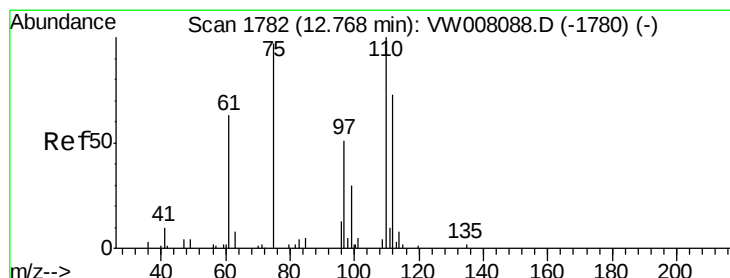
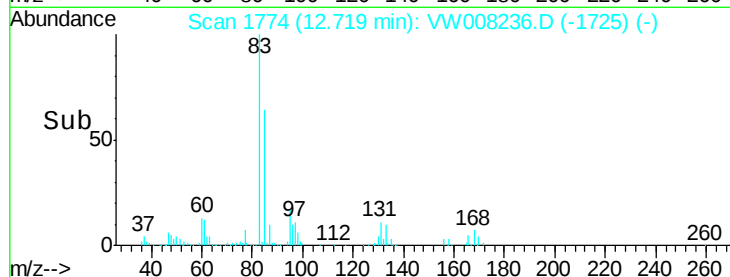
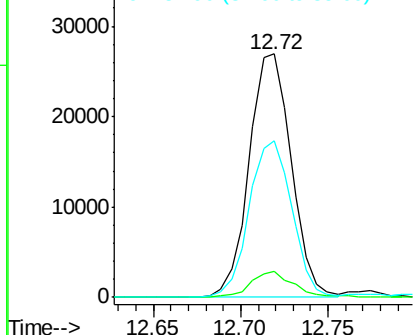
Tot Ion:	83	Resp:	45249
Ion	Ratio	Lower	Upper
83	100		
131	10.8	5.3	16.1
85	65.1	32.4	97.2

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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: 53.777 ug/l m

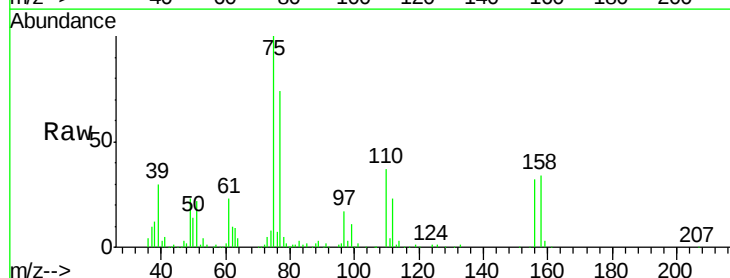
RT: 12.77 min Scan# 1782

Delta R.T. 0.00 min

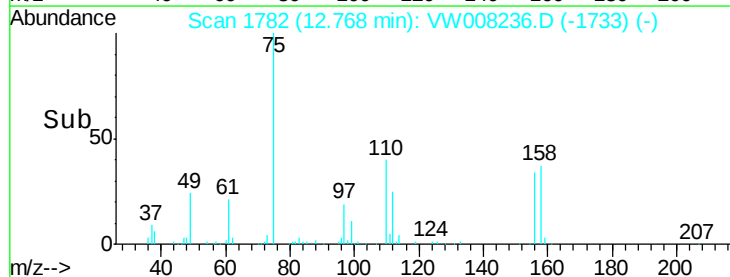
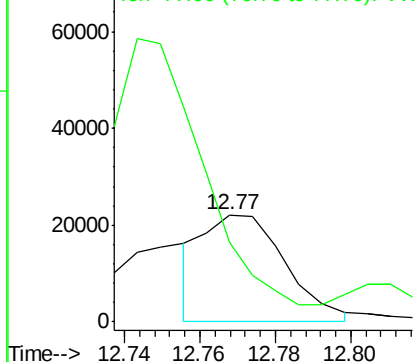
Lab File: VW008236.D

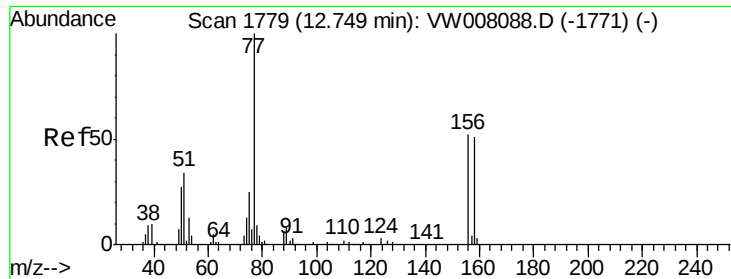
Acq: 12 Jan 2019 12:00

Tgt Ion:	75	Resp:	33415
Ion	Ratio	Lower	Upper
75	100		
77	0.0	179.4	538.2#



Abundance Ion 74.90 (74.60 to 75.60): VW
Ion 77.00 (76.70 to 77.70): VW





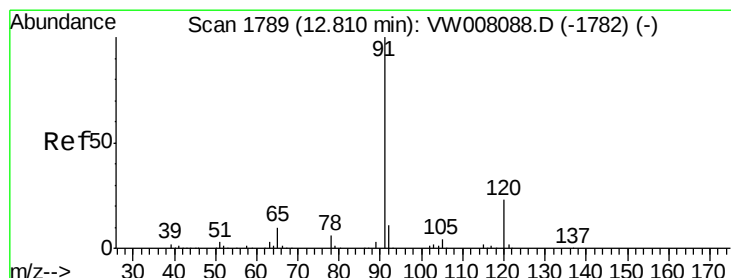
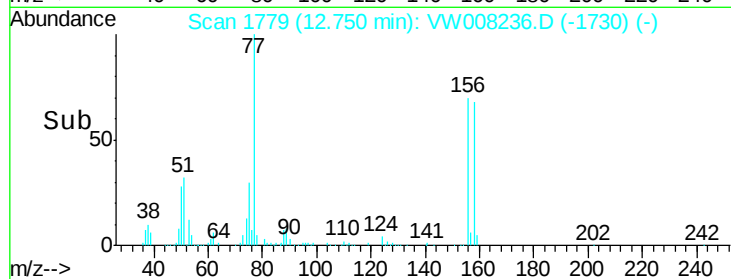
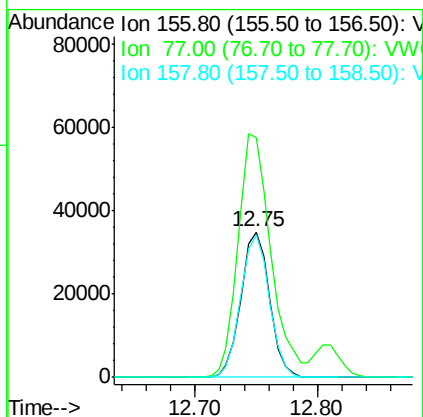
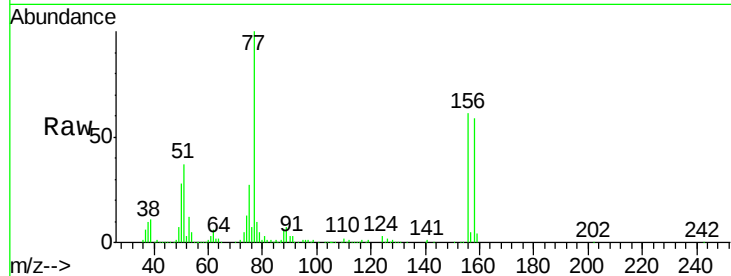
#77
Bromobenzene
Concen: 50.393 ug/l
RT: 12.75 min Scan# 1779
Delta R.T. 0.00 min
Lab File: VW008236.D
Acq: 12 Jan 2019 12:00

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
156	100		
77	193.3	104.2	312.5
158	98.0	47.9	143.6

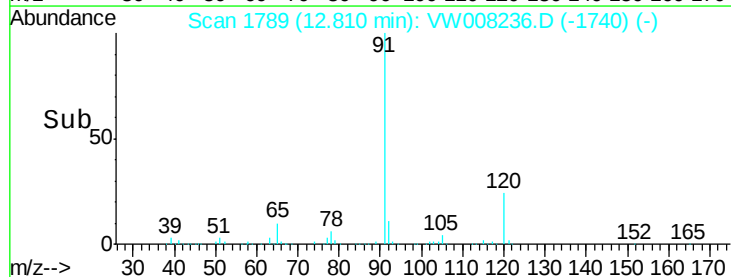
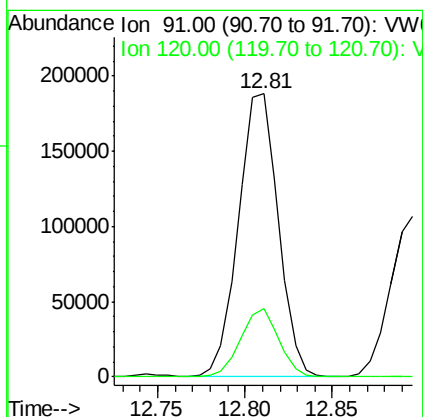
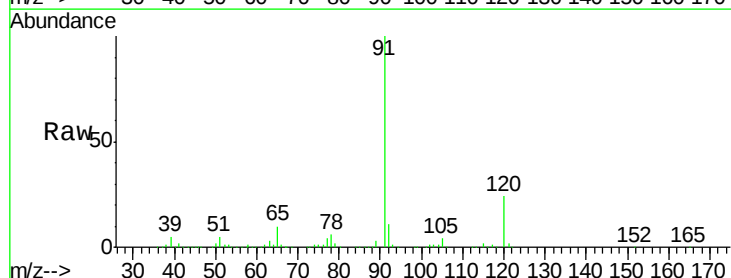
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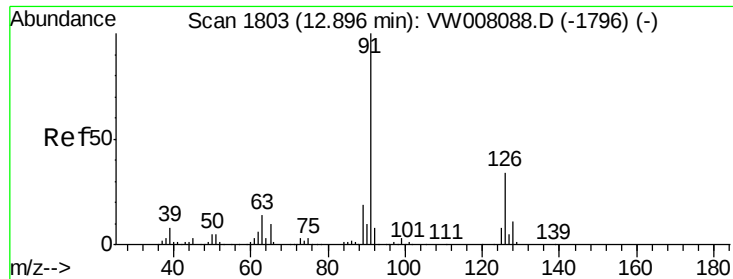
apatel
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#78
n-propylbenzene
Concen: 45.431 ug/l
RT: 12.81 min Scan# 1789
Delta R.T. 0.00 min
Lab File: VW008236.D
Acq: 12 Jan 2019 12:00

Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.1	11.3	33.8





#79

2-Chlorotoluene

Concen: 46.605 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VW008236.D

Acq: 12 Jan 2019 12:00

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 170486

Ion Ratio Lower Upper

91 100

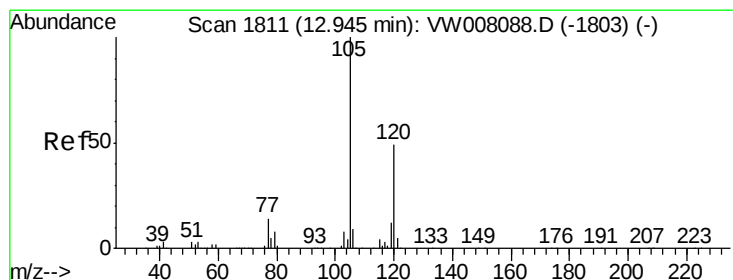
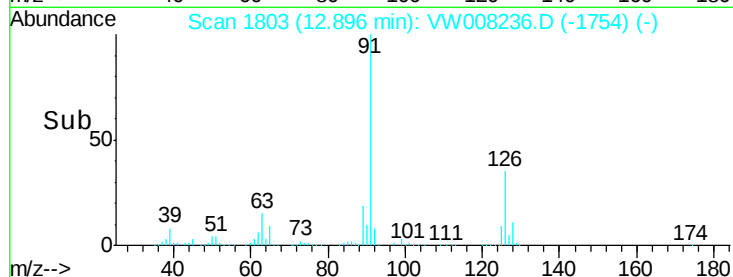
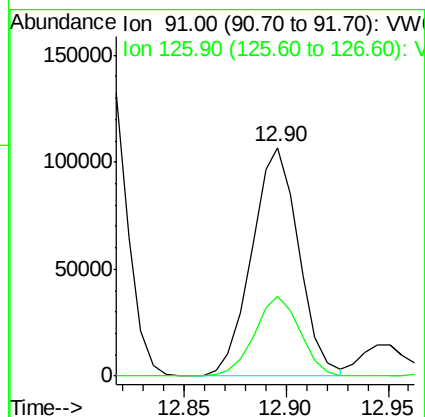
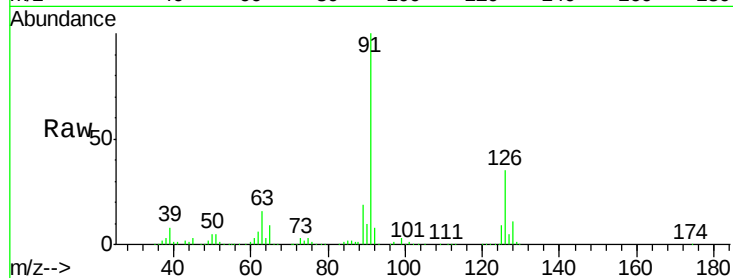
126 34.0 16.8 50.3

Manual Integrations

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#80

1,3,5-Trimethylbenzene

Concen: 47.104 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. 0.00 min

Lab File: VW008236.D

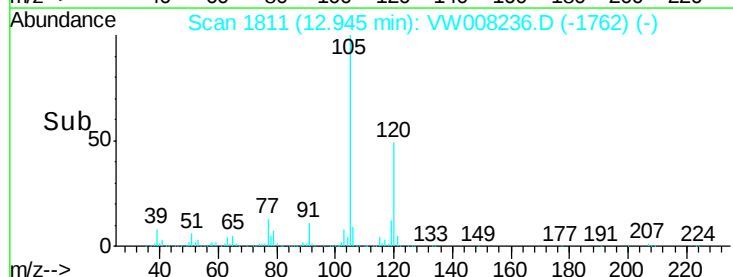
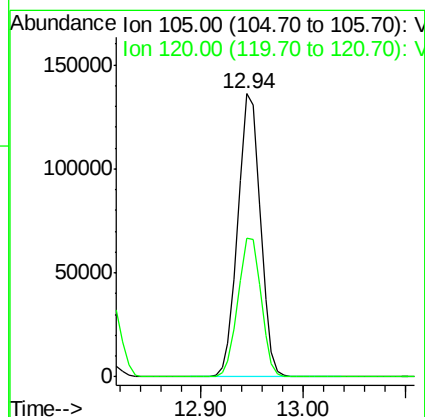
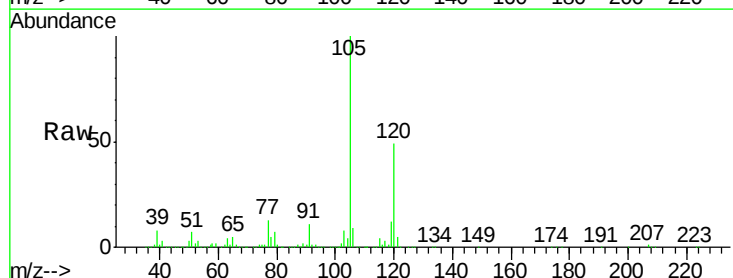
Acq: 12 Jan 2019 12:00

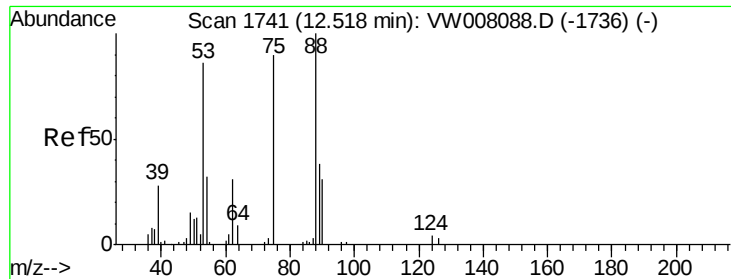
Tgt Ion: 105 Resp: 207139

Ion Ratio Lower Upper

105 100

120 50.4 24.7 74.1





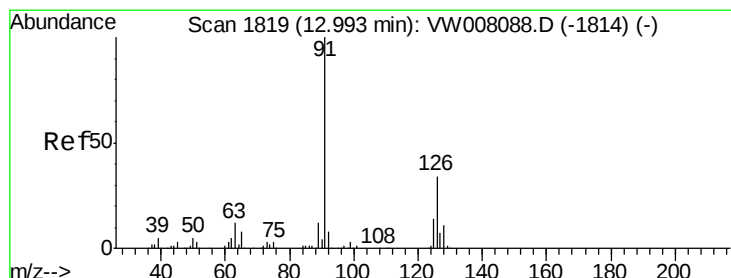
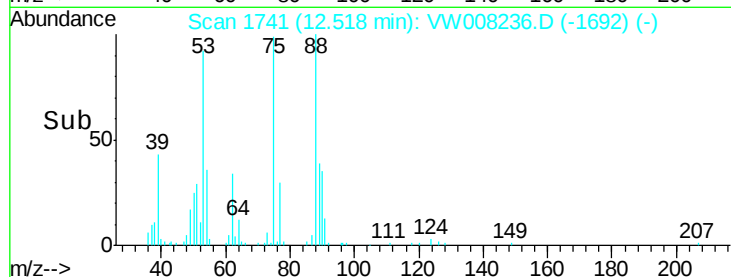
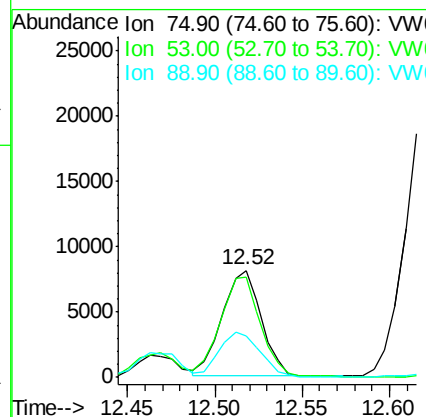
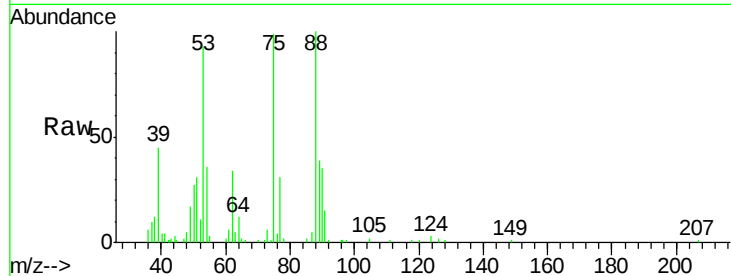
#81
trans-1,4-Dichloro-2-butene
Concen: 47.214 ug/l
RT: 12.52 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VW008236.D
Acq: 12 Jan 2019 12:00

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
53	98.8	78.8	118.2
89	45.0	35.4	53.2

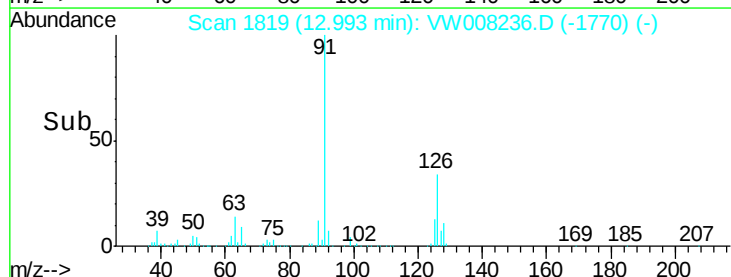
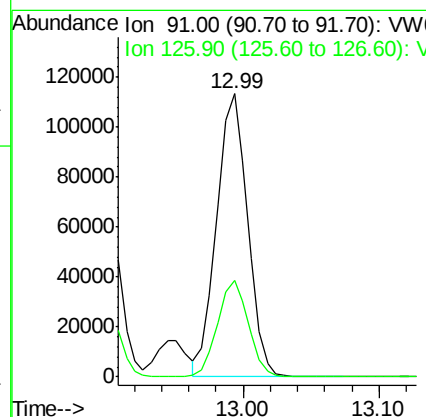
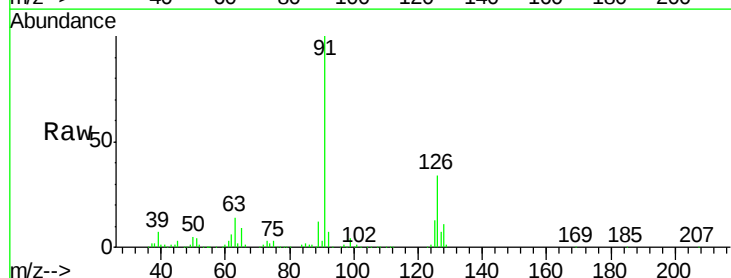
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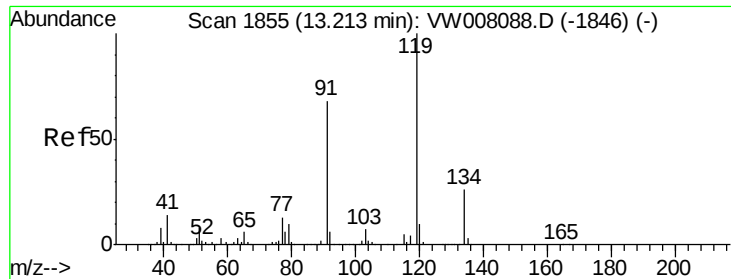
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#82
4-Chlorotoluene
Concen: 46.406 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. 0.00 min
Lab File: VW008236.D
Acq: 12 Jan 2019 12:00

Tgt Ion	Ratio	Lower	Upper
91	100		
126	33.9	16.5	49.5





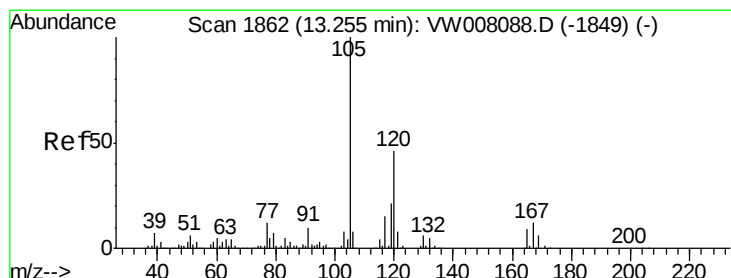
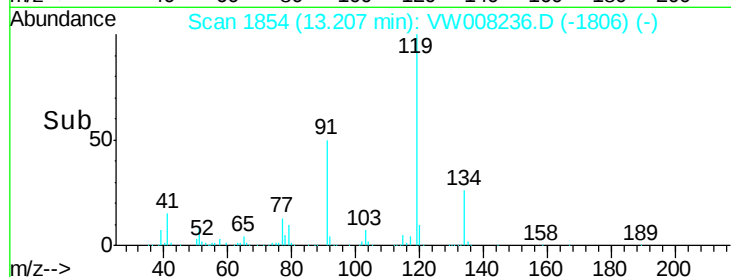
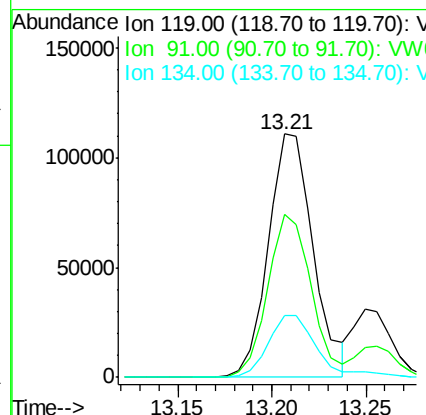
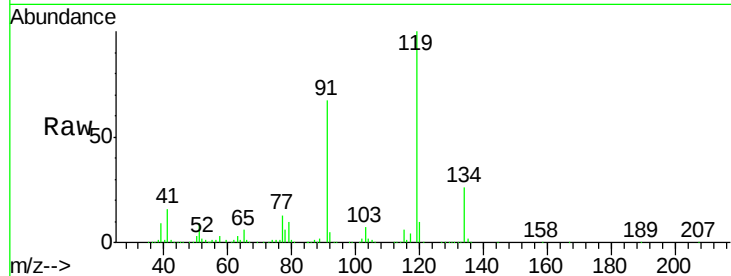
#83
tert-Butylbenzene
Concen: 47.098 ug/l
RT: 13.21 min Scan# 1854
Delta R.T. -0.01 min
Lab File: VW008236.D
Acq: 12 Jan 2019 12:00

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
119	100	183229		
91	64.6	33.9	101.6	
134	27.7	13.6	40.8	

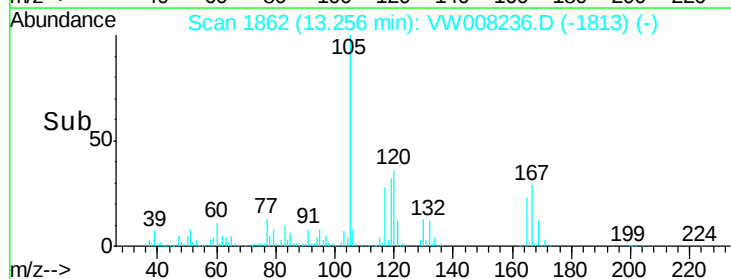
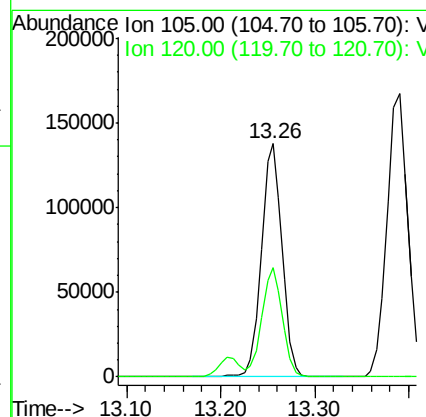
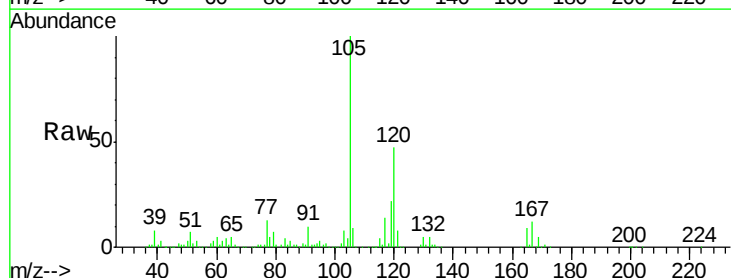
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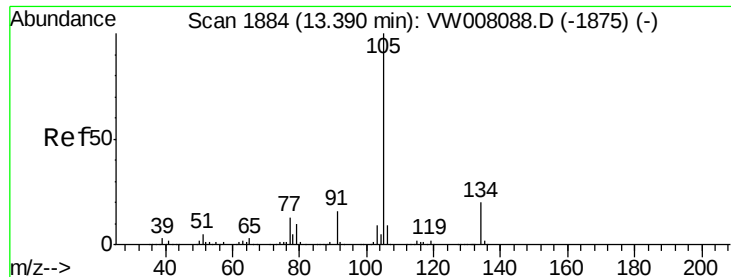
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#84
1,2,4-Trimethylbenzene
Concen: 46.987 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. 0.00 min
Lab File: VW008236.D
Acq: 12 Jan 2019 12:00

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	213105		
120	46.6	22.7	68.1	





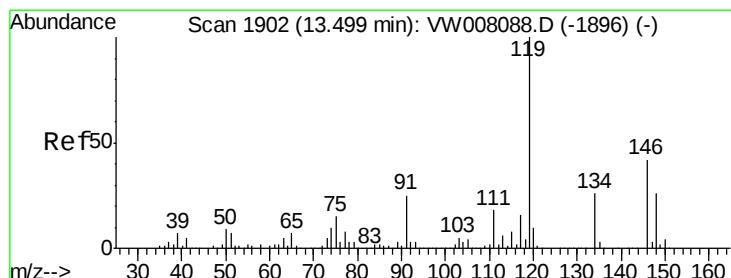
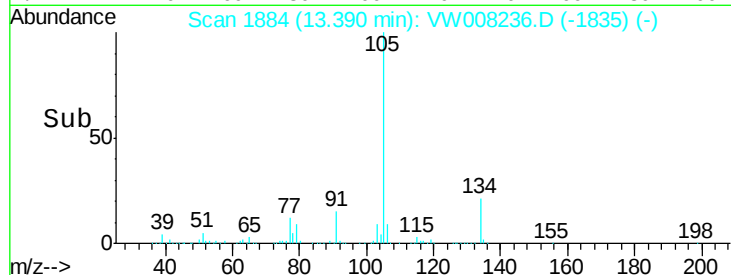
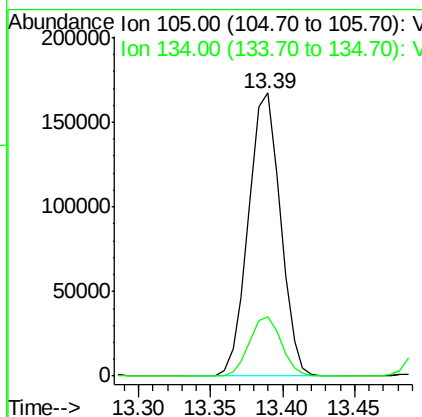
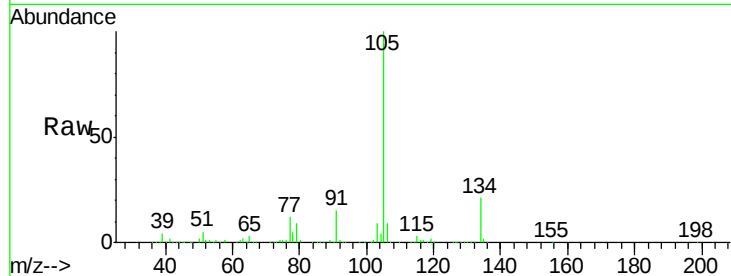
#85
 sec-Butylbenzene
 Concen: 45.138 ug/l
 RT: 13.39 min Scan# 1884
 Delta R.T. 0.00 min
 Lab File: VW008236.D
 Acq: 12 Jan 2019 12:00

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
105	100		
134	21.0	10.1	30.1

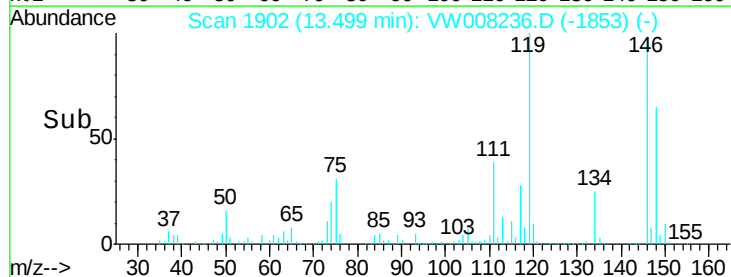
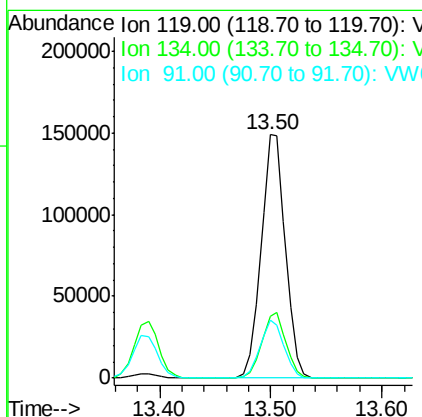
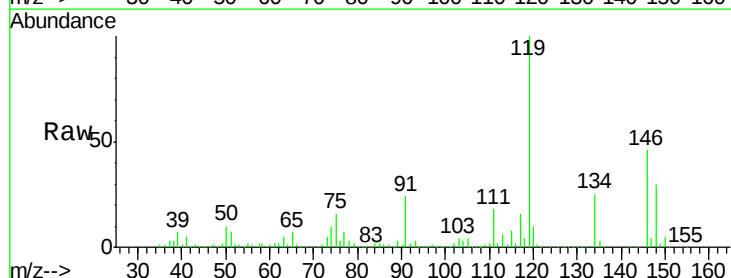
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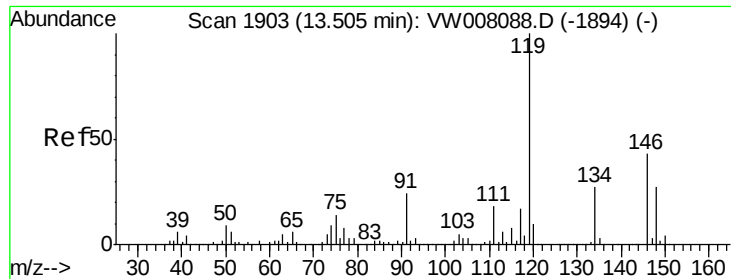
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#86
 p-Isopropyltoluene
 Concen: 45.980 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: VW008236.D
 Acq: 12 Jan 2019 12:00

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.6	13.3	39.8
91	23.7	12.3	36.9





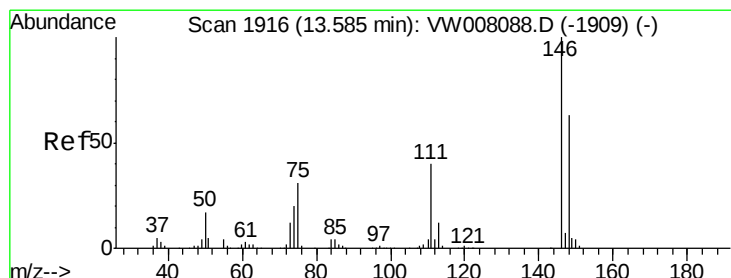
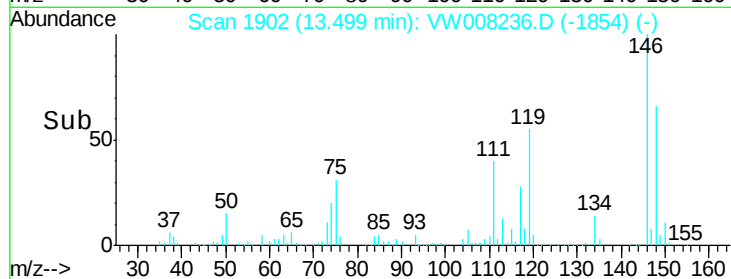
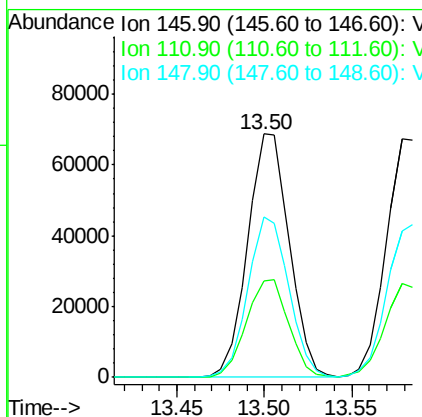
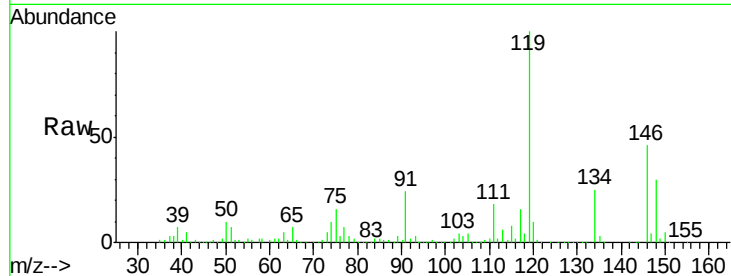
#87
 1,3-Dichlorobenzene
 Concen: 49.638 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.01 min
 Lab File: VW008236.D
 Acq: 12 Jan 2019 12:00

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
146	100	113855		
111	40.7	21.1	63.1	
148	64.5	31.3	93.9	

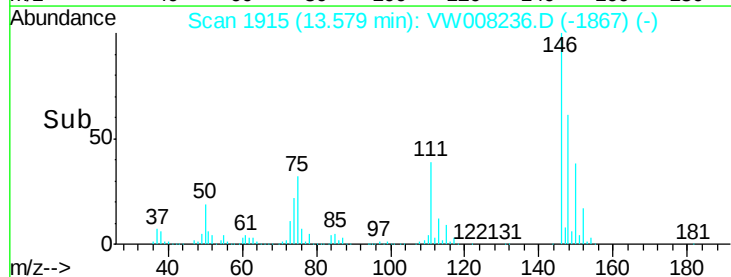
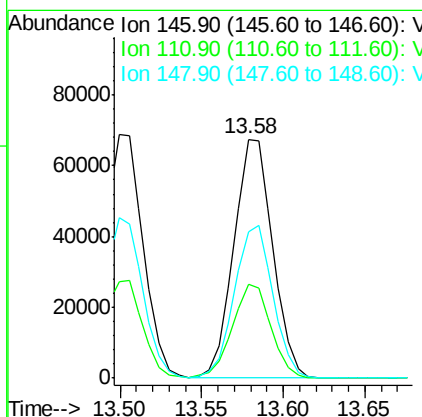
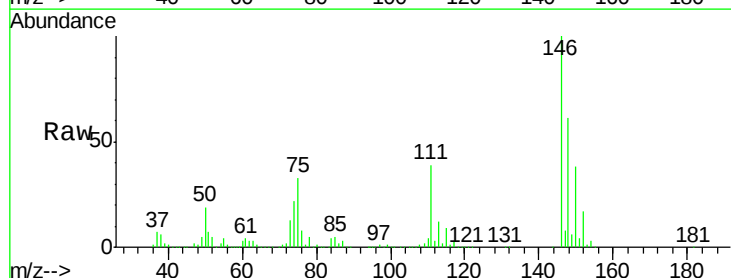
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#88
 1,4-Dichlorobenzene
 Concen: 48.758 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. -0.01 min
 Lab File: VW008236.D
 Acq: 12 Jan 2019 12:00

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	112205		
111	38.8	20.5	61.5	
148	63.3	31.6	94.8	





#89

n-Butylbenzene

Concen: 43.460 ug/l

RT: 13.83 min Scan# 1956

Delta R.T. 0.00 min

Lab File: VW008236.D

Acq: 12 Jan 2019 12:00

Instrument :

MSVOA_W

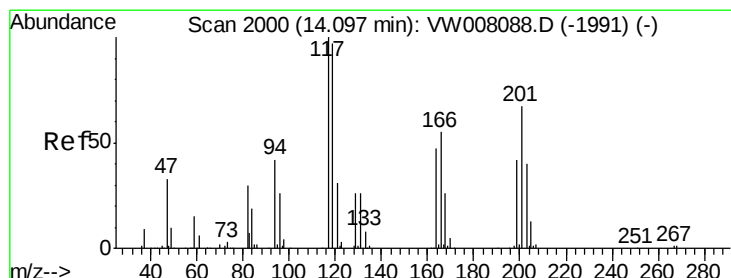
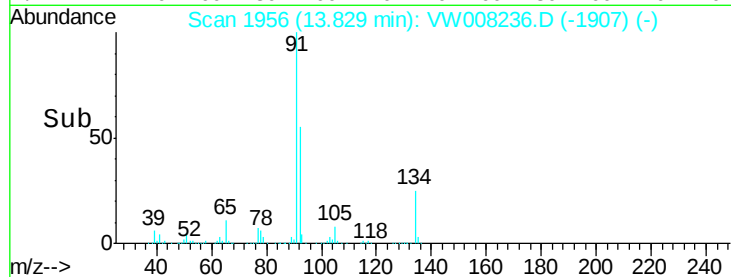
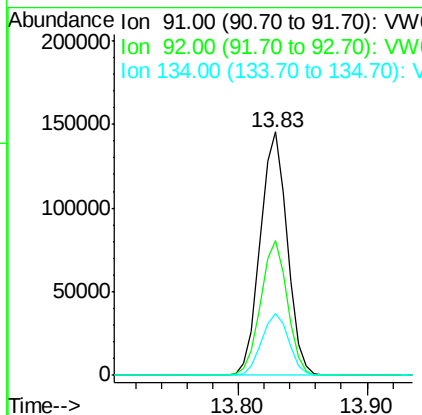
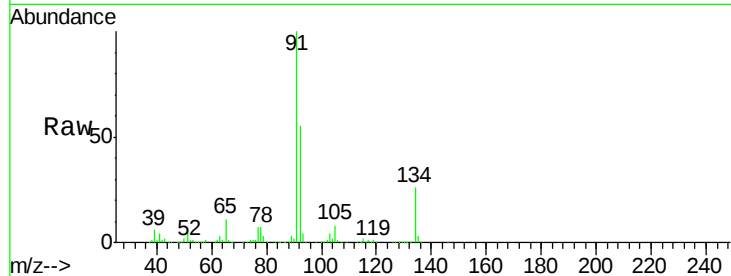
ClientSampleId :

VSTDCCC050EC

Tot Ion:	91	Resp:	209471
Ion Ratio	Lower	Upper	
91	100		
92	54.9	27.4	82.2
134	25.8	12.6	37.8

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#90

Hexachloroethane

Concen: 48.291 ug/l

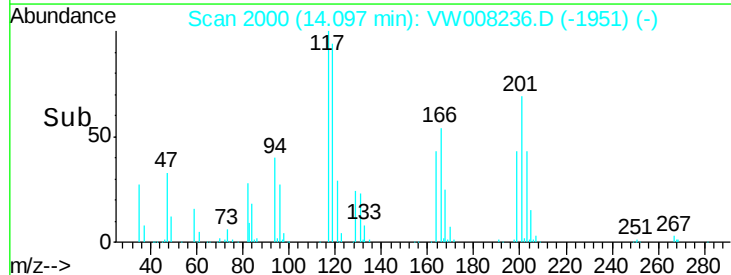
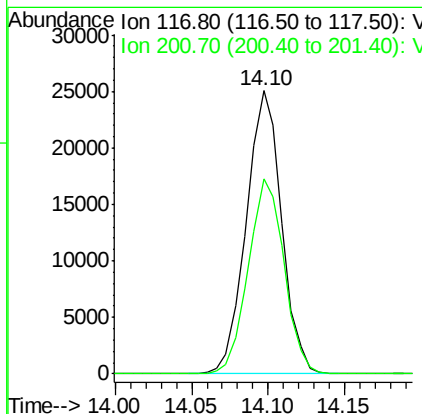
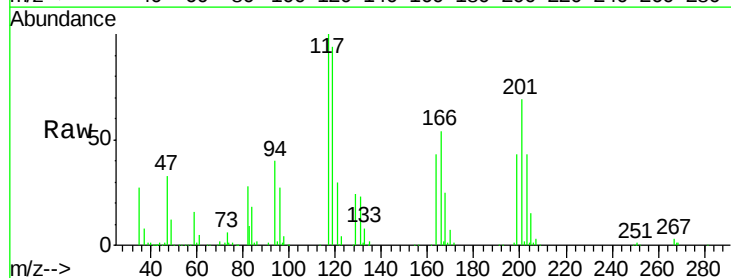
RT: 14.10 min Scan# 2000

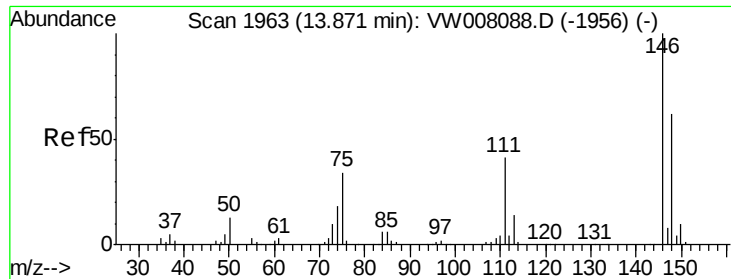
Delta R.T. 0.00 min

Lab File: VW008236.D

Acq: 12 Jan 2019 12:00

Tgt Ion:	117	Resp:	40140
Ion Ratio	Lower	Upper	
117	100		
201	70.2	33.0	98.9





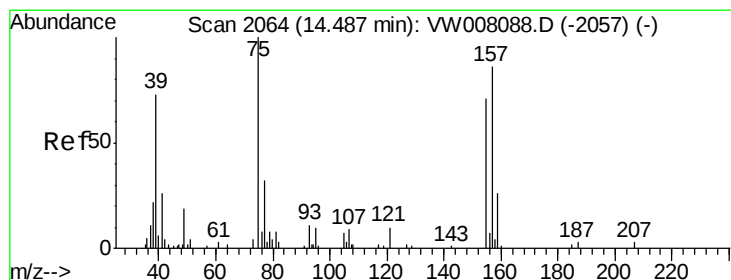
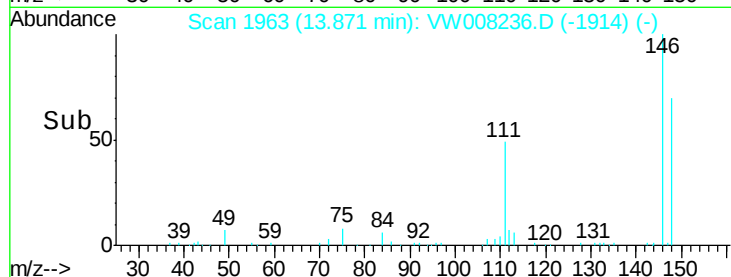
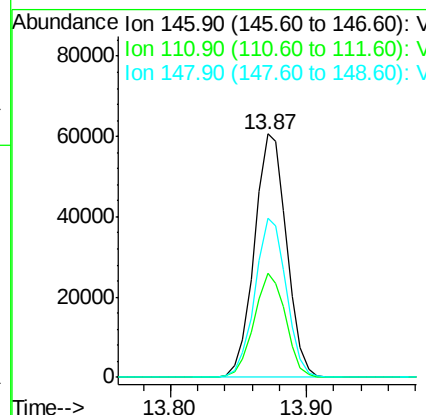
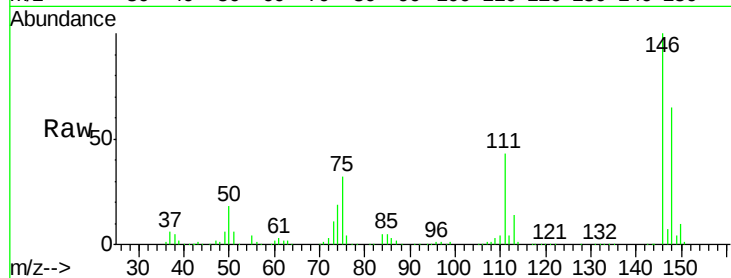
#91
 1,2-Dichlorobenzene
 Concen: 49.836 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. 0.00 min
 Lab File: VW008236.D
 Acq: 12 Jan 2019 12:00

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.0	21.3	63.7
148	63.8	31.5	94.5

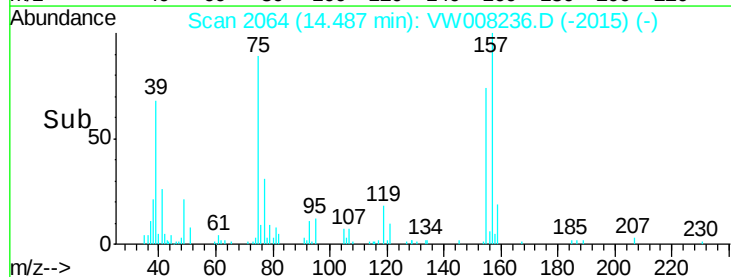
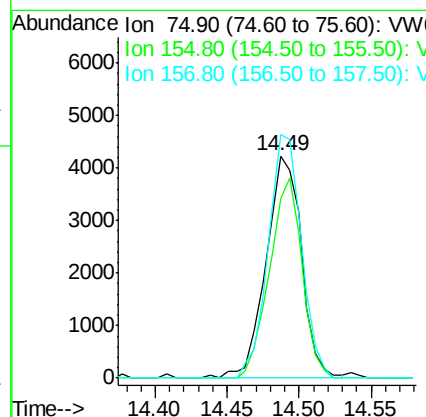
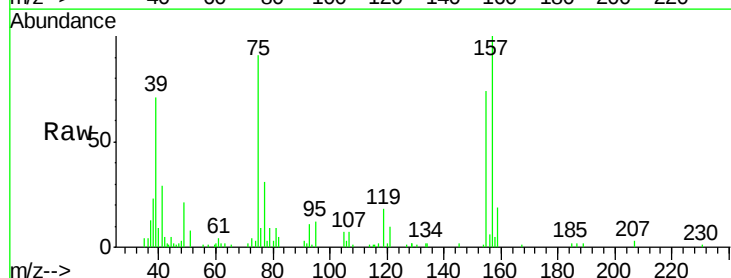
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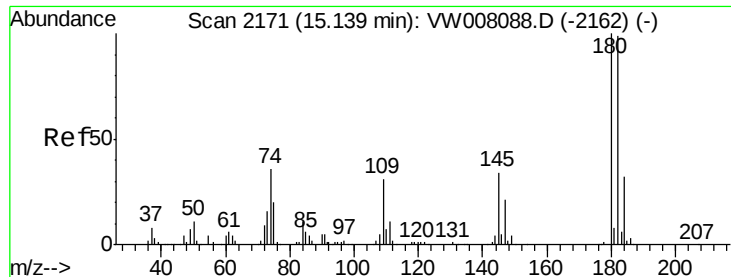
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 52.247 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. 0.00 min
 Lab File: VW008236.D
 Acq: 12 Jan 2019 12:00

Tgt Ion	Ratio	Lower	Upper
75	100		
155	82.8	38.6	115.7
157	103.0	47.5	142.6





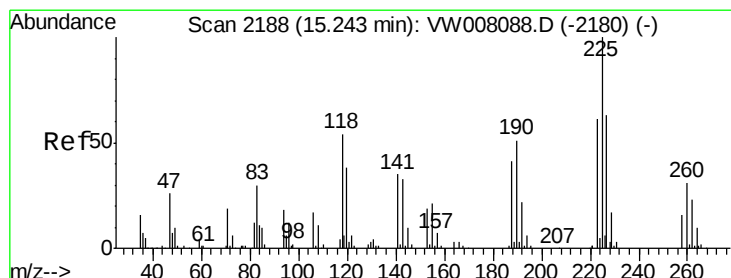
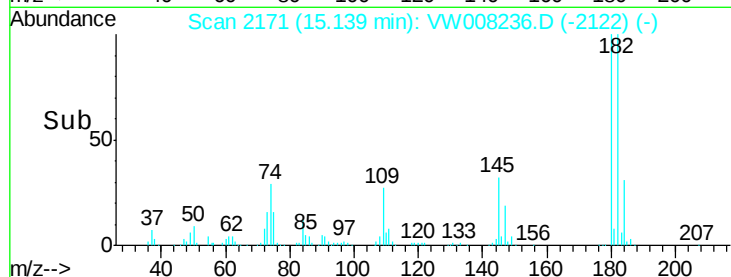
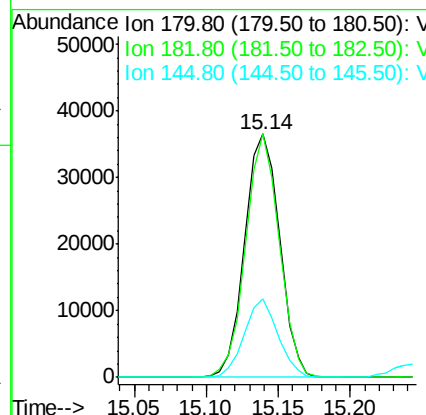
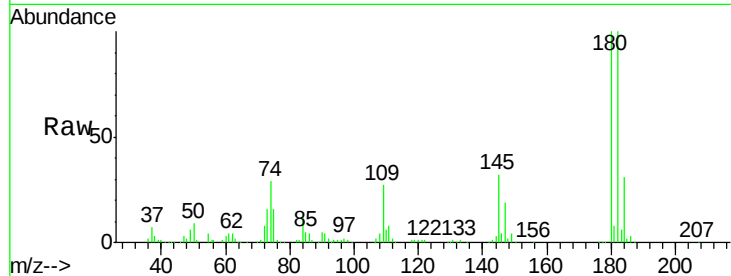
#93
1,2,4-Trichlorobenzene
Concen: 45.865 ug/l
RT: 15.14 min Scan# 2171
Delta R.T. 0.00 min
Lab File: VW008236.D
Acq: 12 Jan 2019 12:00

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
180	100		
182	96.0	48.6	145.9
145	31.2	16.6	49.7

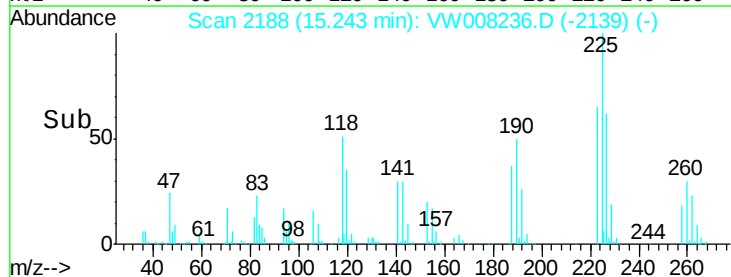
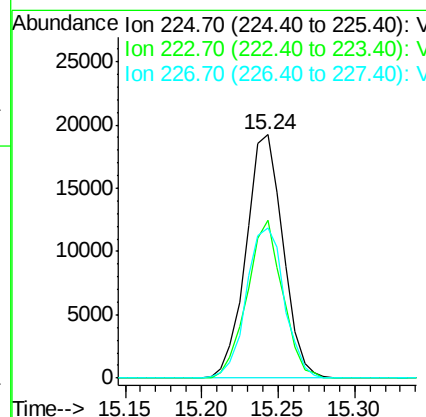
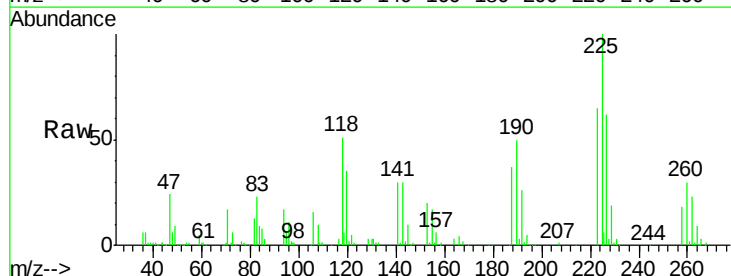
Manual Integrations
APPROVED

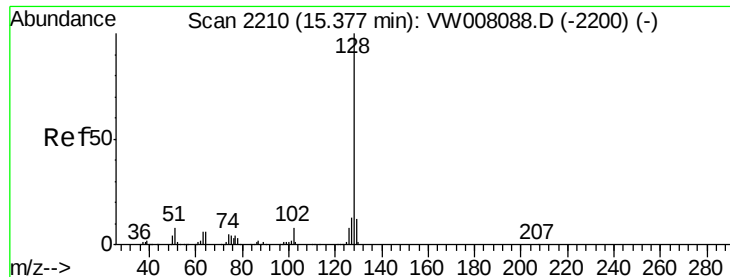
apatel
1/14/2019 2:42:44 PM



#94
Hexachlorobutadiene
Concen: 45.027 ug/l
RT: 15.24 min Scan# 2188
Delta R.T. 0.00 min
Lab File: VW008236.D
Acq: 12 Jan 2019 12:00

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.2	31.4	94.3
227	63.7	32.0	96.2





#95

Naphthalene

Concen: 48.824 ug/l

RT: 15.37 min Scan# 2209

Delta R.T. -0.01 min

Lab File: VW008236.D

Acq: 12 Jan 2019 12:00

Instrument :

MSVOA_W

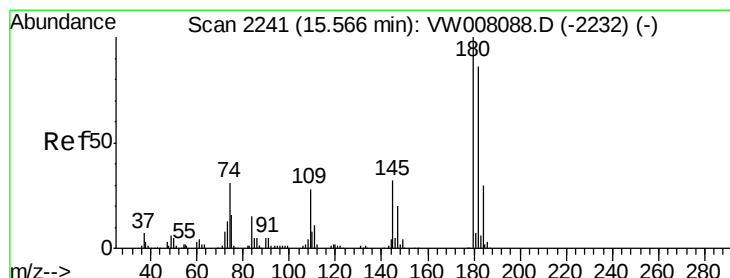
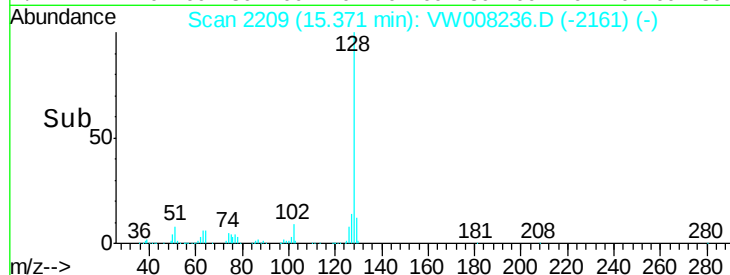
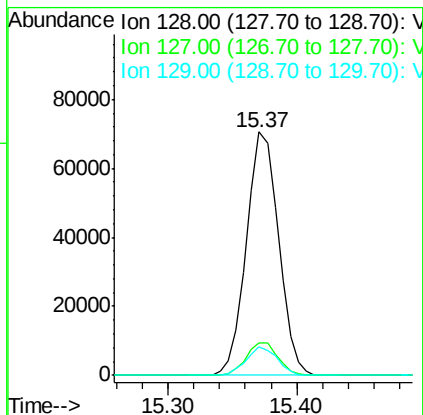
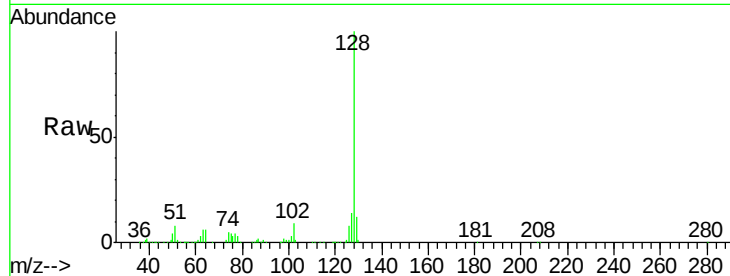
ClientSampleId :

VSTDCCC050EC

Tot Ion:	128	Resp:	122010
Ion Ratio	Lower	Upper	
128	100		
127	13.4	11.0	16.4
129	11.3	9.0	13.6

Manual Integrations
APPROVED

apatel
1/14/2019 2:42:44 PM



#96

1,2,3-Trichlorobenzene

Concen: 47.625 ug/l

RT: 15.56 min Scan# 2240

Delta R.T. -0.01 min

Lab File: VW008236.D

Acq: 12 Jan 2019 12:00

Tgt Ion:	180	Resp:	54335
Ion Ratio	Lower	Upper	
180	100		
182	94.7	46.5	139.3
145	33.3	17.4	52.2

