

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091519\
 Data File : VW012986.D
 Acq On : 14 Sep 2019 12:03
 Operator : SY/VA
 Sample : VW0915SBSD01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0915SBSD01

Manual Integrations
 APPROVED

MMDadoda
 9/16/2019 11:14:30 AM

Quant Time: Sep 16 07:24:51 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W091419S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 13 17:26:01 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	300715	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	444619	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	385688	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	188803	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	145917	52.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.08%	
35) Dibromofluoromethane	7.88	113	119928	49.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.42%	
50) Toluene-d8	10.32	98	473201	50.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.24%	
62) 4-Bromofluorobenzene	12.62	95	168135	49.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.06%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.01	85	25046	18.982	ug/l	90
3) Chloromethane	2.21	50	36167	22.305	ug/l	100
4) Vinyl Chloride	2.35	62	45144	20.974	ug/l	100
5) Bromomethane	2.77	94	24528	18.660	ug/l	97
6) Chloroethane	2.92	64	25672	19.447	ug/l	99
7) Trichlorofluoromethane	3.25	101	29584	19.655	ug/l	100
8) Diethyl Ether	3.68	74	21994	18.714	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.06	101	43170	18.910	ug/l	99
10) Methyl Iodide	4.27	142	56705	19.848	ug/l	99
11) Tert butyl alcohol	5.19	59	19714m	91.579	ug/l	
12) 1,1-Dichloroethene	4.04	96	40690	19.603	ug/l	93
13) Acrolein	3.89	56	23232	109.532	ug/l	98
14) Allyl chloride	4.66	41	77473	19.660	ug/l	98
15) Acrylonitrile	5.36	53	67456	112.375	ug/l	98
16) Acetone	4.13	43	64623	95.122	ug/l	96
17) Carbon Disulfide	4.38	76	84332	20.387	ug/l	98
18) Methyl Acetate	4.67	43	35504	22.438	ug/l	98
19) Methyl tert-butyl Ether	5.43	73	85436	20.851	ug/l	95
20) Methylene Chloride	4.92	84	49326	18.741	ug/l	96
21) trans-1,2-Dichloroethene	5.42	96	45565	20.496	ug/l	97
22) Diisopropyl ether	6.31	45	172339	21.052	ug/l	97
23) Vinyl Acetate	6.25	43	534755	109.065	ug/l	98
24) 1,1-Dichloroethane	6.21	63	95660	20.267	ug/l	99
25) 2-Butanone	7.17	43	98553	111.596	ug/l	99
26) 2,2-Dichloropropane	7.16	77	65159	19.070	ug/l	98
27) cis-1,2-Dichloroethene	7.16	96	52890	19.871	ug/l	98
28) Bromochloromethane	7.51	49	38967	19.615	ug/l	96
29) Tetrahydrofuran	7.53	42	59554	118.354	ug/l	96
30) Chloroform	7.67	83	94129	19.627	ug/l	100
31) Cyclohexane	7.95	56	82924	20.933	ug/l	93
32) 1,1,1-Trichloroethane	7.87	97	78014	19.753	ug/l	99
36) 1,1-Dichloropropene	8.07	75	71454	20.111	ug/l	99
37) Ethyl Acetate	7.25	43	42916	22.757	ug/l	99
38) Carbon Tetrachloride	8.07	117	70810	19.448	ug/l	100

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MMDadoda
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	78411	20.140	ug/l	96
40) Benzene	8.32	78	196806	19.842	ug/l	99
41) Methacrylonitrile	7.48	41	28273	22.766	ug/l	94
42) 1,2-Dichloroethane	8.40	62	67801	20.392	ug/l	98
43) Isopropyl Acetate	8.42	43	77451	21.390	ug/l	99
44) Trichloroethene	9.09	130	51715	19.036	ug/l	92
45) 1,2-Dichloropropane	9.37	63	52878	20.066	ug/l	100
46) Dibromomethane	9.46	93	26234	20.779	ug/l	98
47) Bromodichloromethane	9.64	83	67635	19.099	ug/l	97
48) Methyl methacrylate	9.43	41	37354	21.982	ug/l	94
49) 1,4-Dioxane	9.46	88	9514	449.727	ug/l #	78
51) 4-Methyl-2-Pentanone	10.21	43	209552	112.098	ug/l	100
52) Toluene	10.38	92	122624	19.456	ug/l	100
53) t-1,3-Dichloropropene	10.60	75	71612	20.107	ug/l	96
54) cis-1,3-Dichloropropene	10.07	75	82012	20.125	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	38669	20.105	ug/l	99
56) Ethyl methacrylate	10.65	69	54263	20.960	ug/l	97
57) 1,3-Dichloropropane	10.93	76	70605	20.694	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.92	63	147157	105.966	ug/l	99
59) 2-Hexanone	10.97	43	150103	115.317	ug/l	98
60) Dibromochloromethane	11.13	129	42919	18.458	ug/l	95
61) 1,2-Dibromoethane	11.23	107	36993	21.085	ug/l	98
64) Tetrachloroethene	10.86	164	44511	19.399	ug/l	97
65) Chlorobenzene	11.65	112	130889	19.052	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.73	131	49249	18.707	ug/l	99
67) Ethyl Benzene	11.73	91	248675	19.599	ug/l	98
68) m/p-Xylenes	11.84	106	182906	39.461	ug/l	100
69) o-Xylene	12.16	106	83610	19.241	ug/l	99
70) Styrene	12.18	104	149934	19.396	ug/l	98
71) Bromoform	12.35	173	27361	19.786	ug/l #	97
73) Isopropylbenzene	12.46	105	241845	19.325	ug/l	99
74) N-amyl acetate	12.27	43	66874	20.773	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	45235	20.580	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	31765m	19.208	ug/l	
77) Bromobenzene	12.74	156	56052	19.442	ug/l	97
78) n-propylbenzene	12.80	91	284702	19.340	ug/l	100
79) 2-Chlorotoluene	12.89	91	167580	19.803	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	208769	19.719	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	15700	21.536	ug/l	99
82) 4-Chlorotoluene	12.99	91	175760	19.685	ug/l	99
83) tert-Butylbenzene	13.21	119	185821	19.622	ug/l	99
84) 1,2,4-Trimethylbenzene	13.25	105	211174	20.185	ug/l	100
85) sec-Butylbenzene	13.38	105	250025	19.379	ug/l	99
86) p-Isopropyltoluene	13.50	119	234877	19.828	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	111251	19.493	ug/l	98
88) 1,4-Dichlorobenzene	13.58	146	107416	19.153	ug/l	97
89) n-Butylbenzene	13.82	91	221926	19.866	ug/l	99
90) Hexachloroethane	14.09	117	37782	17.798	ug/l	96
91) 1,2-Dichlorobenzene	13.87	146	100987	20.121	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.48	75	8728	21.694	ug/l	95

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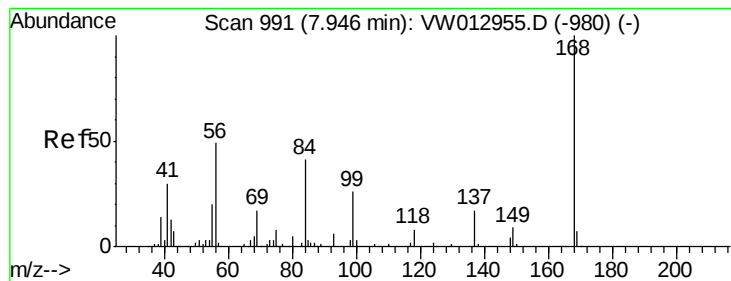
Manual Integrations
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MMDadoda
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	70707	19.754	ug/l	99
94) Hexachlorobutadiene	15.23	225	49042	19.355	ug/l	99
95) Naphthalene	15.36	128	127903	21.386	ug/l	99
96) 1,2,3-Trichlorobenzene	15.55	180	62424	19.729	ug/l	100

(#) = 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: VW012986.D

Acq: 14 Sep 2019 12:03

Instrument :

MSVOA_W

ClientSampleId :

VW0915SBSD01

Tot Ion:168 Resp: 300715

Ion Ratio Lower Upper

168 100

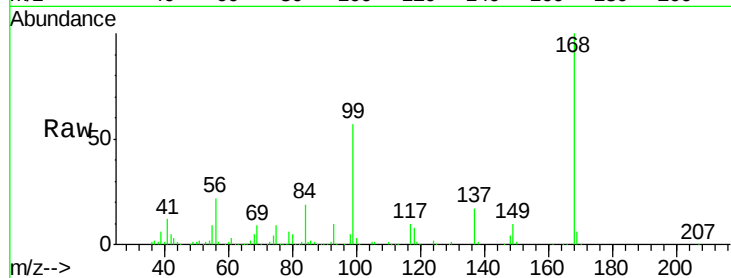
99 56.8 46.2 69.2

Manual Integrations

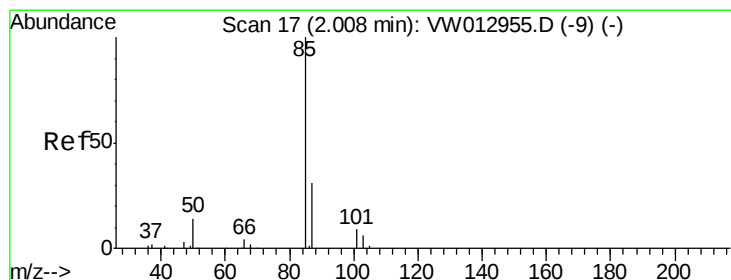
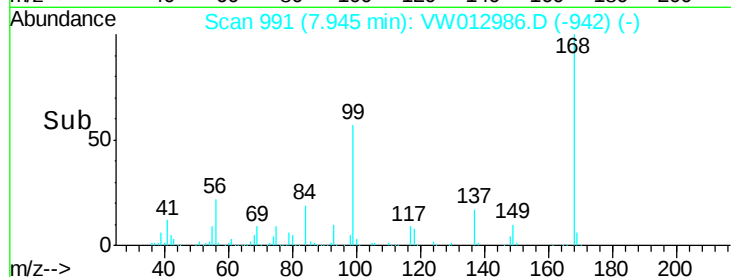
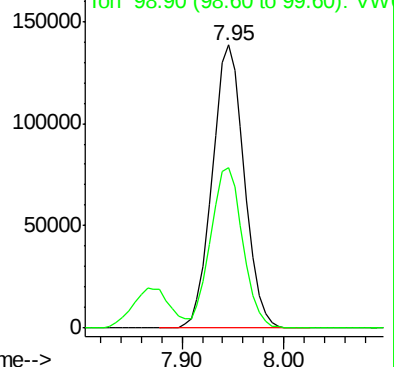
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9/16/2019 11:14:30 AM



Abundance Ion 167.90 (167.60 to 168.60): VW012955.D (-980) (-)



#2

Dichlorodifluoromethane

Concen: 18.982 ug/l

RT: 2.01 min Scan# 17

Delta R.T. 0.00 min

Lab File: VW012986.D

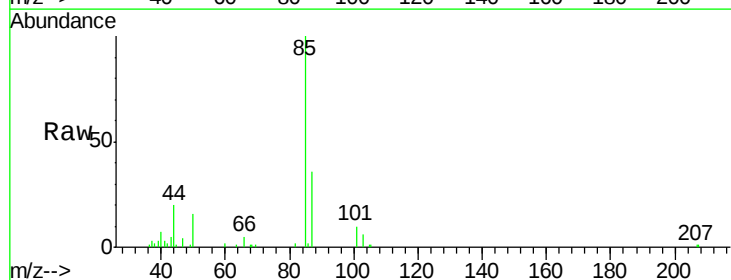
Acq: 14 Sep 2019 12:03

Tgt Ion: 85 Resp: 25046

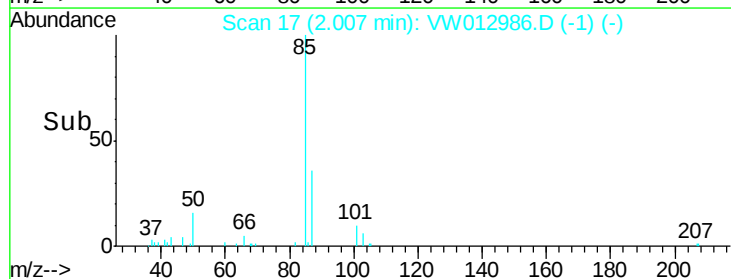
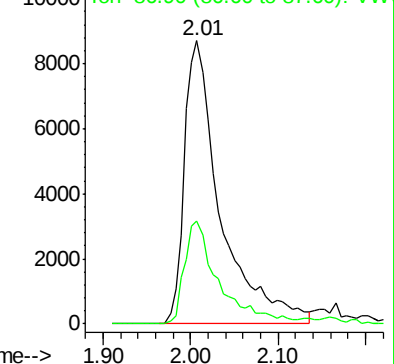
Ion Ratio Lower Upper

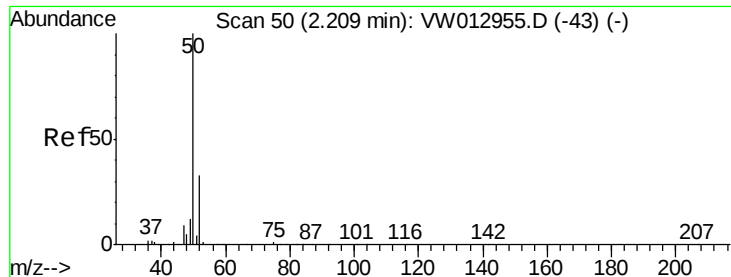
85 100

87 36.5 15.4 46.4



Abundance Ion 84.90 (84.60 to 85.60): VW012955.D (-9) (-)





#3

Chloromethane

Concen: 22.305 ug/l

RT: 2.21 min Scan# 50

Delta R.T. 0.00 min

Lab File: VW012986.D

Acq: 14 Sep 2019 12:03

Instrument :

MSVOA_W

ClientSampleId :

VW0915SBS01

Tot Ion: 50 Resp: 36167

Ion Ratio Lower Upper

50 100

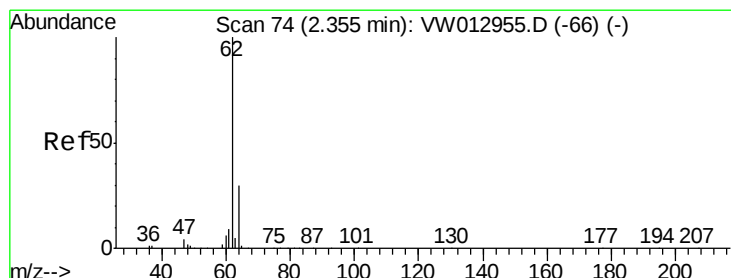
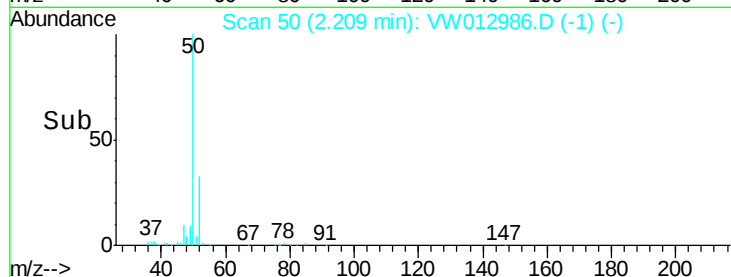
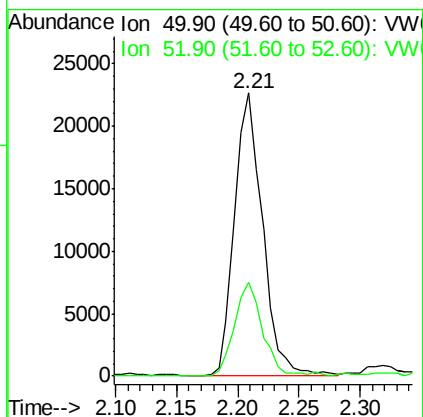
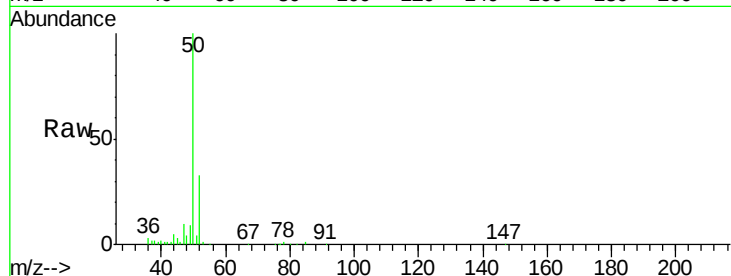
52 33.1 26.6 39.8

Manual Integrations

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#4

Vinyl Chloride

Concen: 20.974 ug/l

RT: 2.35 min Scan# 74

Delta R.T. -0.00 min

Lab File: VW012986.D

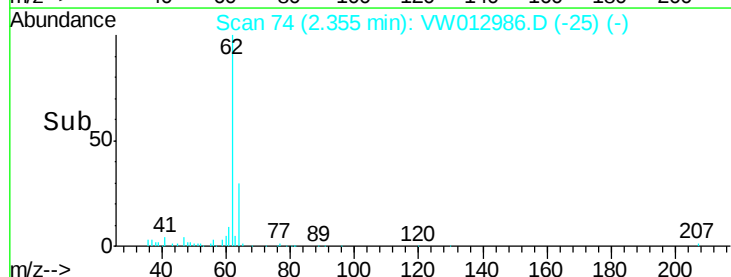
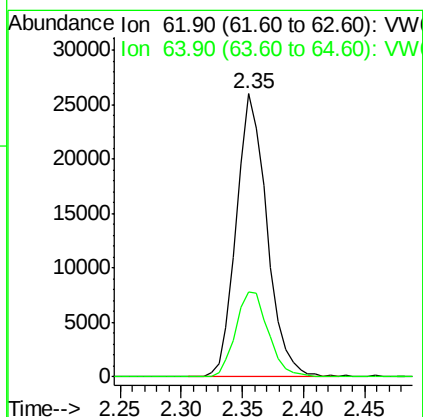
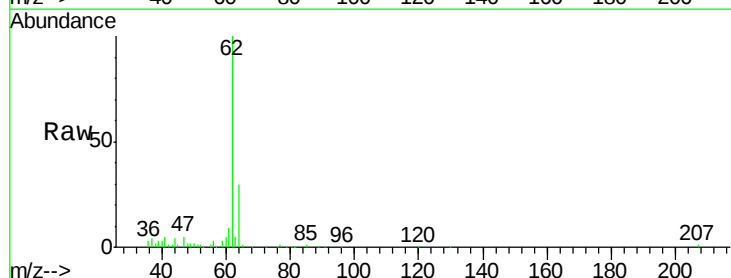
Acq: 14 Sep 2019 12:03

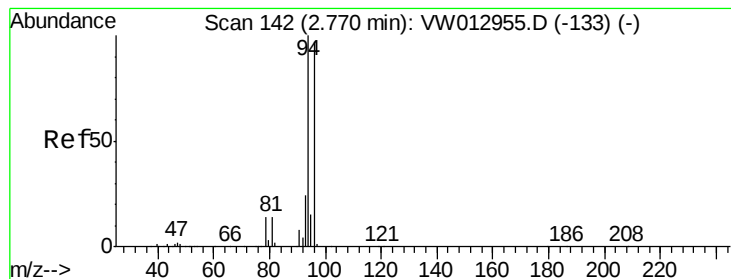
Tgt Ion: 62 Resp: 45144

Ion Ratio Lower Upper

62 100

64 30.1 24.2 36.4





#5

Bromomethane

Concen: 18.660 ug/l

RT: 2.77 min Scan# 142

Delta R.T. -0.00 min

Lab File: VW012986.D

Acq: 14 Sep 2019 12:03

Instrument :

MSVOA_W

ClientSampleId :

VW0915SBSD01

Tot Ion: 94 Resp: 24528

Ion Ratio Lower Upper

94 100

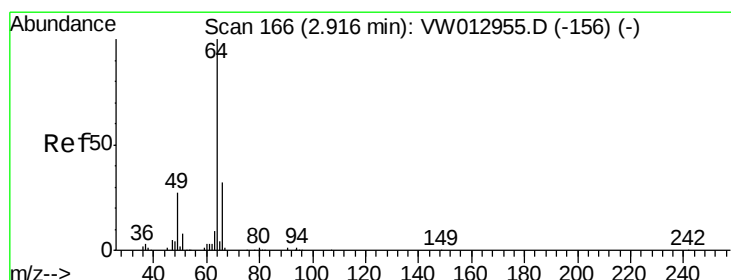
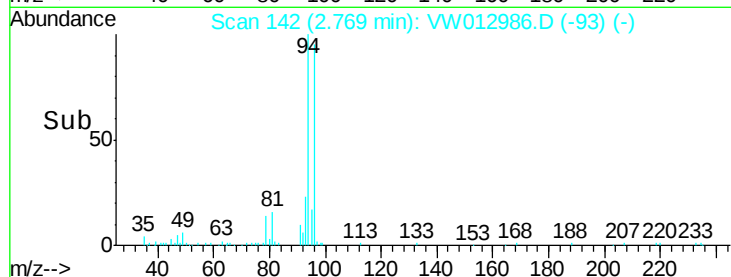
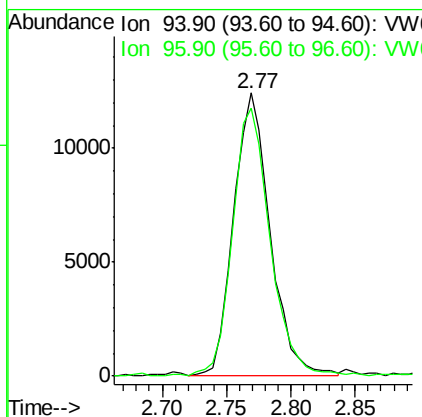
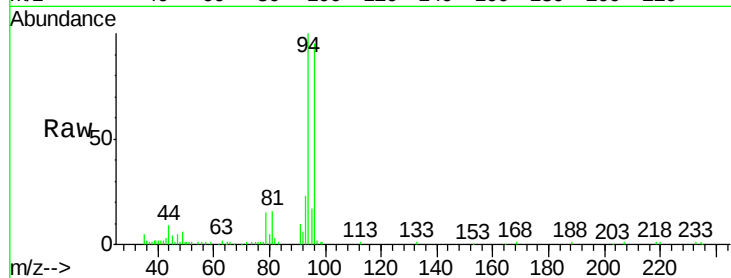
96 94.5 77.8 116.6

Manual Integrations

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#6

Chloroethane

Concen: 19.447 ug/l

RT: 2.92 min Scan# 166

Delta R.T. -0.00 min

Lab File: VW012986.D

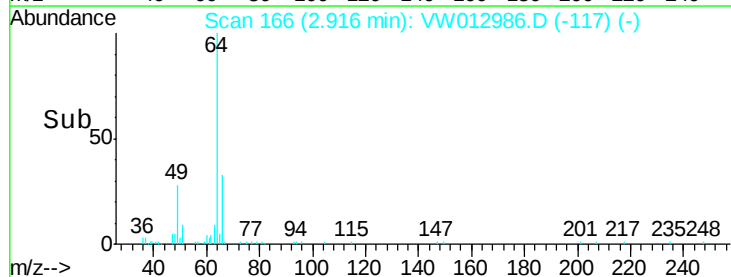
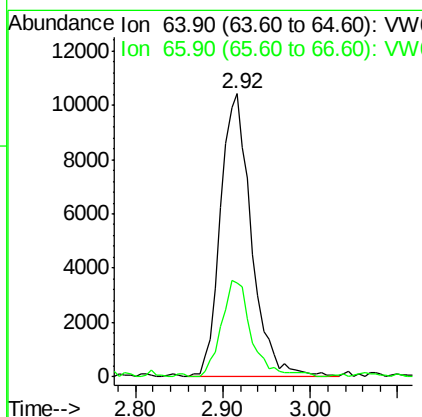
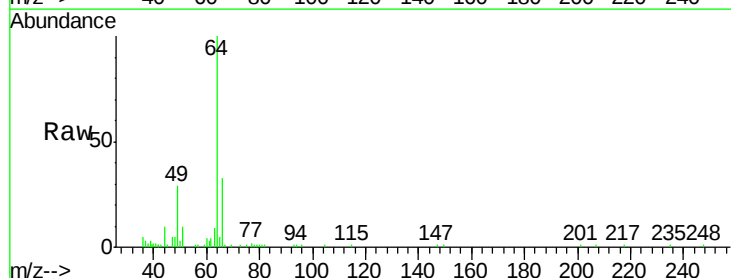
Acq: 14 Sep 2019 12:03

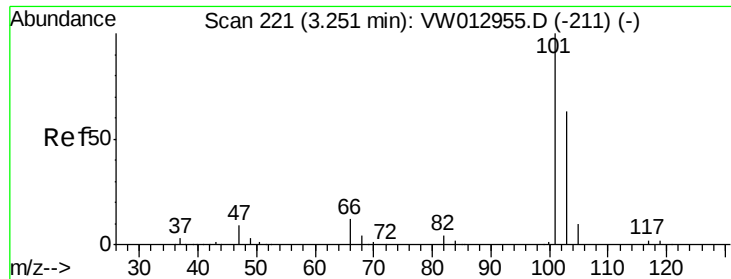
Tgt Ion: 64 Resp: 25672

Ion Ratio Lower Upper

64 100

66 33.2 25.9 38.9





#7

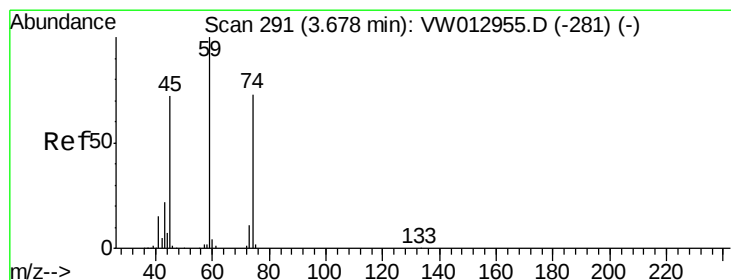
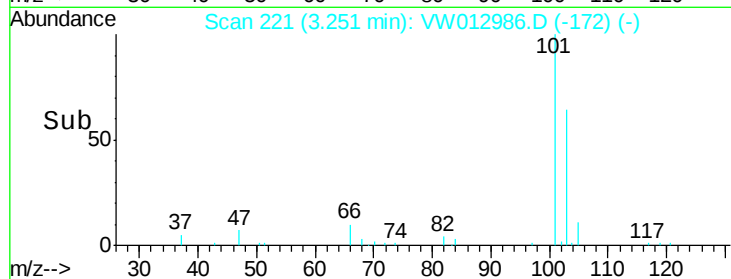
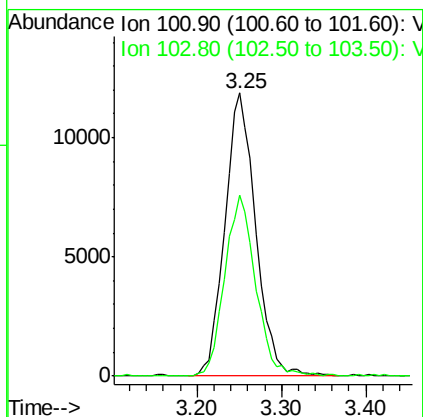
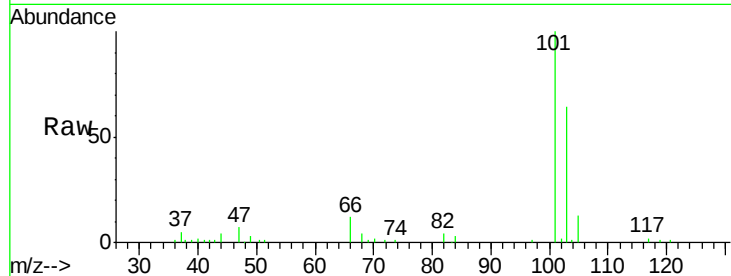
Trichlorofluoromethane
Concen: 19.655 ug/l
RT: 3.25 min Scan# 221
Delta R.T. -0.00 min
Lab File: VW012986.D
Acq: 14 Sep 2019 12:03

Instrument :
MSVOA_W
ClientSampleId :
VW0915SBSD01

Tot Ion	Ratio	Lower	Upper
101	100		
103	63.8	50.7	76.1

Manual Integrations
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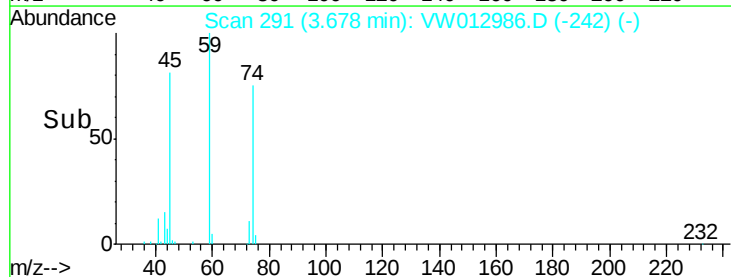
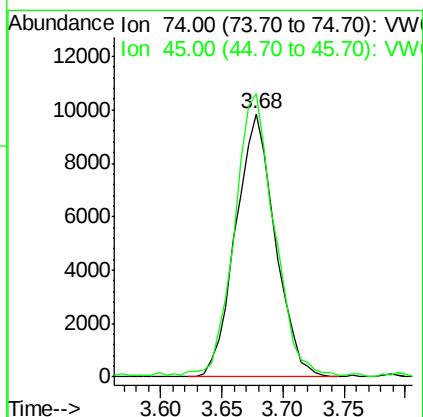
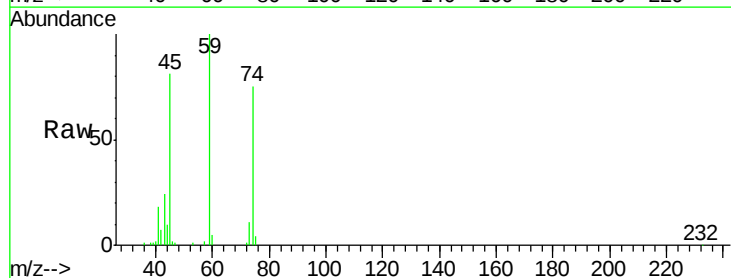
MMDadoda
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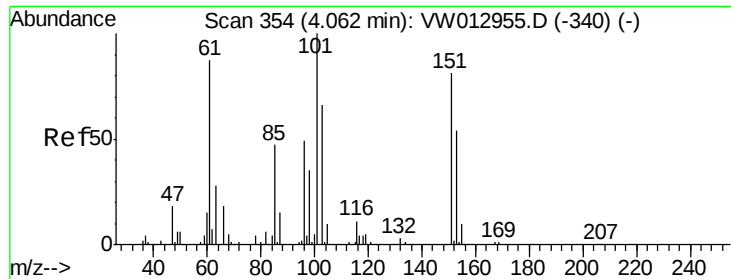


#8

Diethyl Ether
Concen: 18.714 ug/l
RT: 3.68 min Scan# 291
Delta R.T. -0.00 min
Lab File: VW012986.D
Acq: 14 Sep 2019 12:03

Tgt Ion	Ratio	Lower	Upper
74	100		
45	106.3	53.8	161.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.910 ug/l

RT: 4.06 min Scan# 354

Delta R.T. -0.00 min

Lab File: VW012986.D

Acq: 14 Sep 2019 12:03

Instrument :

MSVOA_W

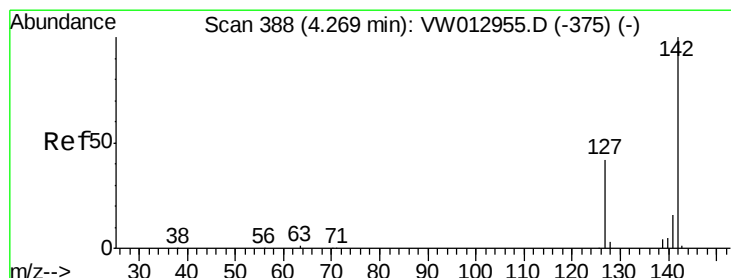
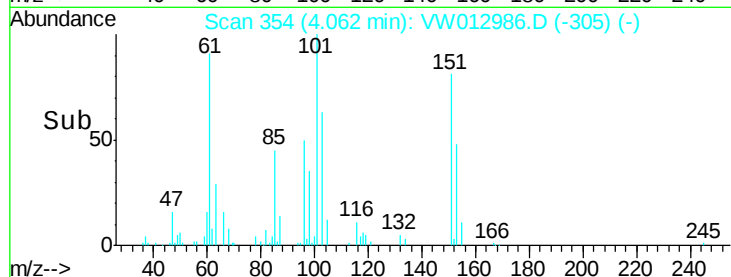
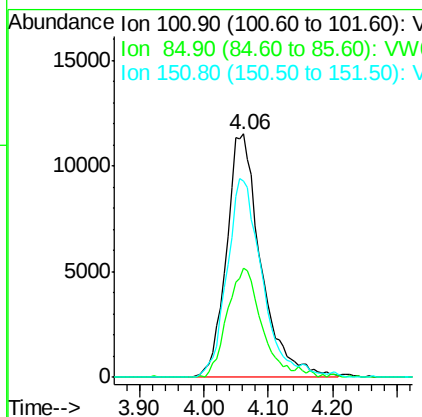
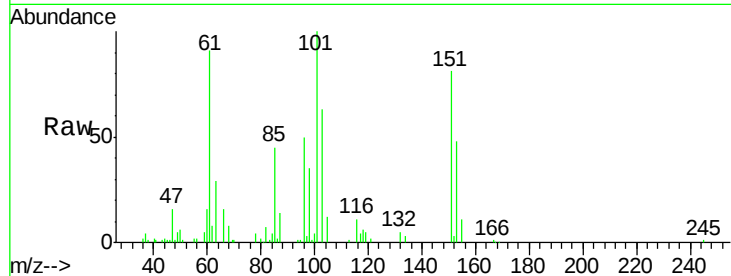
ClientSampleId :

VW0915SBSD01

Tot Ion:	101	Resp:	43170
Ion Ratio	Lower	Upper	
101	100		
85	44.0	34.9	52.3
151	83.0	66.0	99.0

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#10

Methyl Iodide

Concen: 19.848 ug/l

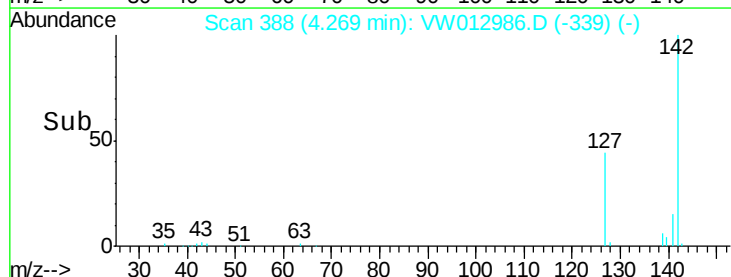
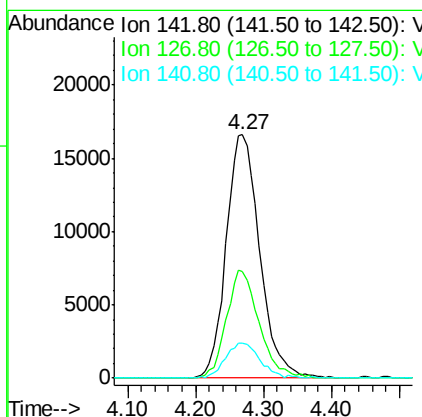
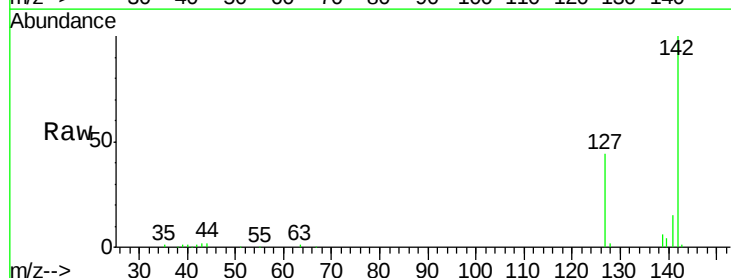
RT: 4.27 min Scan# 388

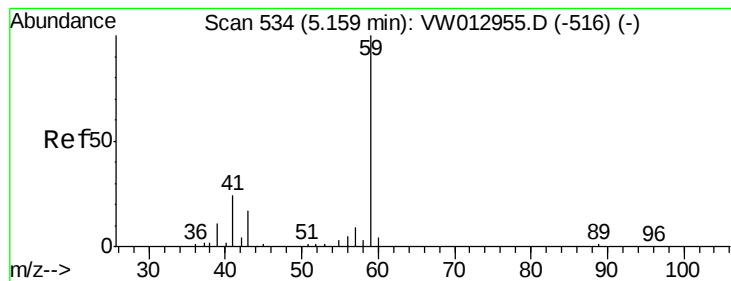
Delta R.T. -0.00 min

Lab File: VW012986.D

Acq: 14 Sep 2019 12:03

Tgt Ion:	142	Resp:	56705
Ion Ratio	Lower	Upper	
142	100		
127	43.3	34.7	52.1
141	14.5	12.2	18.2





#11

Tert butyl alcohol

Concen: 91.579 ug/l m

RT: 5.19 min Scan# 539

Delta R.T. 0.03 min

Lab File: VW012986.D

Acq: 14 Sep 2019 12:03

Instrument :

MSVOA_W

ClientSampleID :

VW0915SBS01

Tot Ion: 59 Resp: 19714

Ion Ratio Lower Upper

59 100

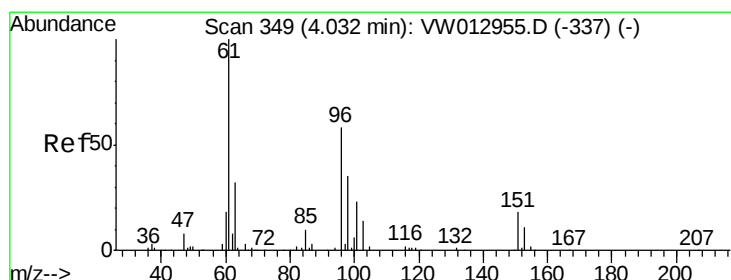
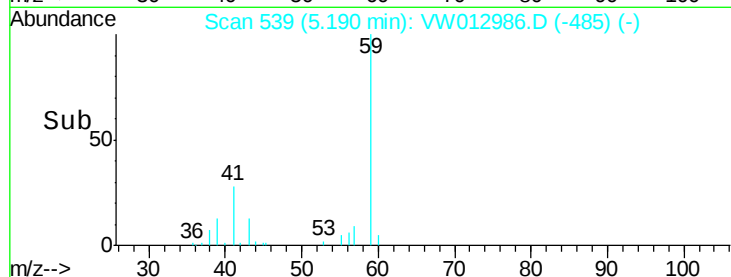
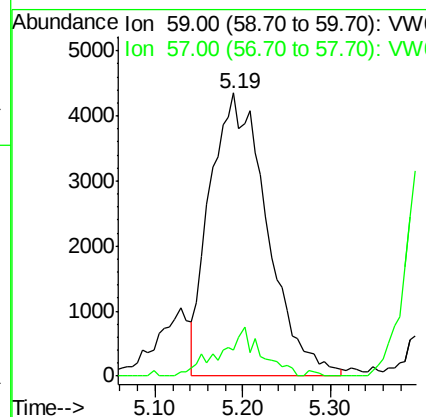
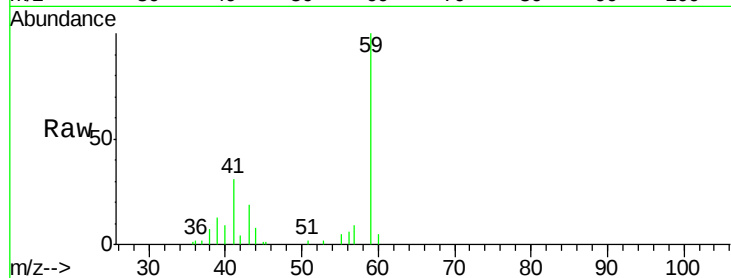
57 0.0 8.5 12.7#

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#12

1,1-Dichloroethene

Concen: 19.603 ug/l

RT: 4.04 min Scan# 350

Delta R.T. 0.01 min

Lab File: VW012986.D

Acq: 14 Sep 2019 12:03

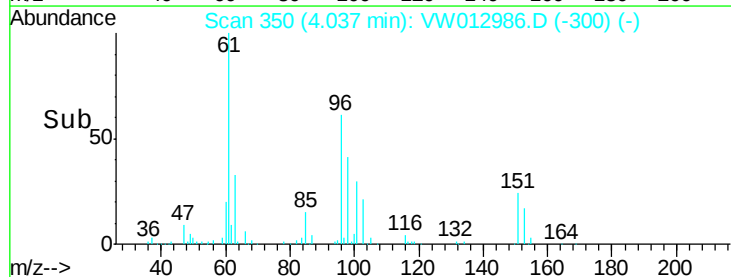
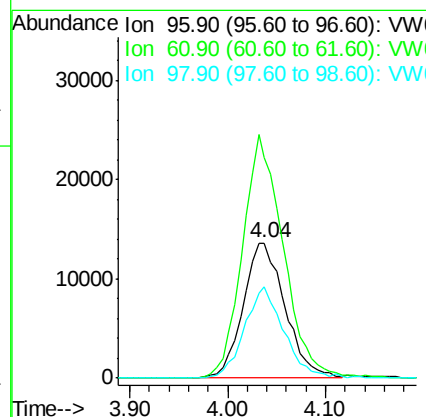
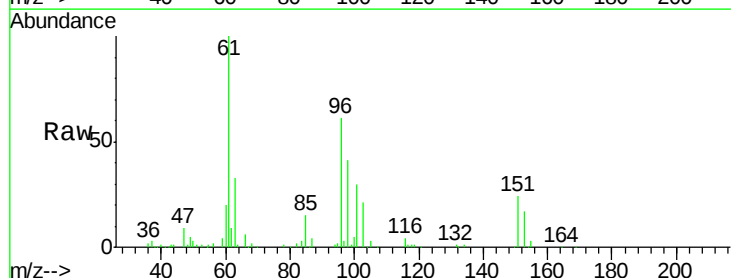
Tgt Ion: 96 Resp: 40690

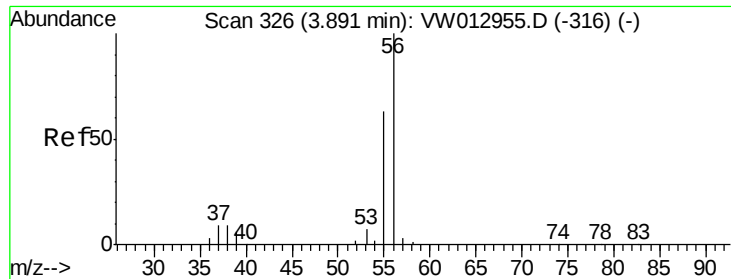
Ion Ratio Lower Upper

96 100

61 163.5 137.9 206.9

98 67.3 48.9 73.3





#13

Acrolein

Concen: 109.532 ug/l

RT: 3.89 min Scan# 326

Delta R.T. 0.00 min

Lab File: VW012986.D

Acq: 14 Sep 2019 12:03

Instrument :

MSVOA_W

ClientSampleId :

VW0915SBSD01

Tot Ion: 56 Resp: 23232

Ion Ratio Lower Upper

56 100

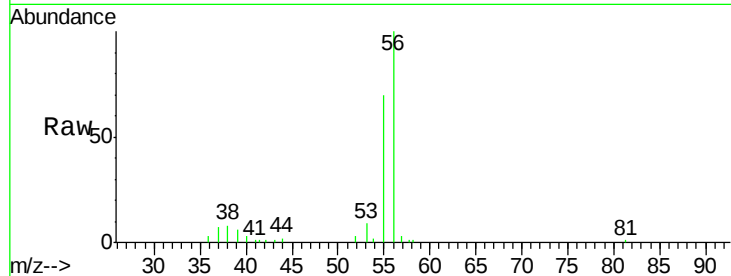
55 71.8 55.8 83.8

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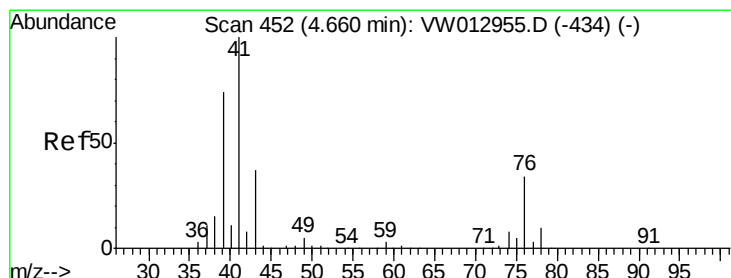
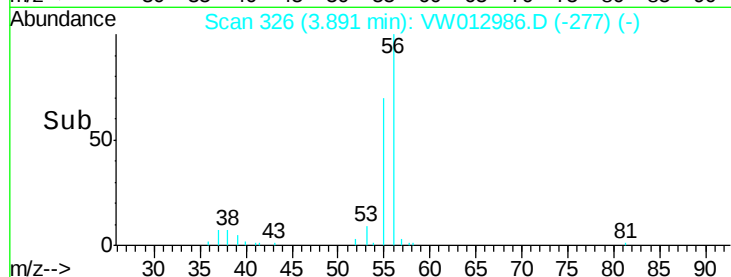
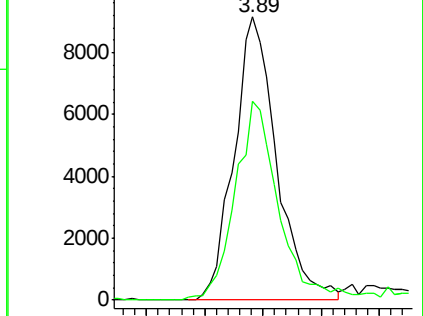
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Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 55.00 (54.70 to 55.70): VW



#14

Allyl chloride

Concen: 19.660 ug/l

RT: 4.66 min Scan# 452

Delta R.T. -0.00 min

Lab File: VW012986.D

Acq: 14 Sep 2019 12:03

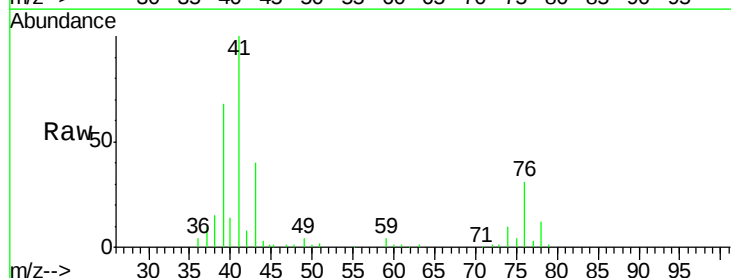
Tgt Ion: 41 Resp: 77473

Ion Ratio Lower Upper

41 100

39 69.3 56.7 85.1

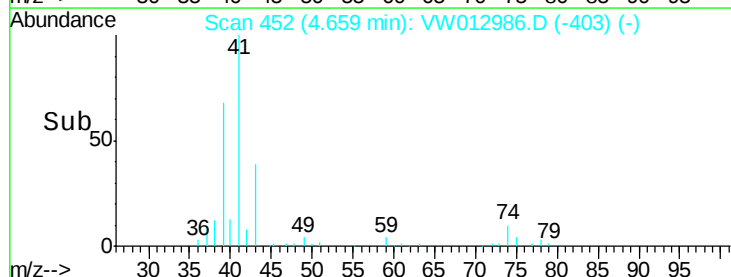
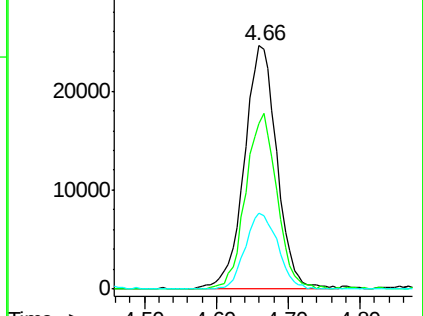
76 31.0 25.1 37.7

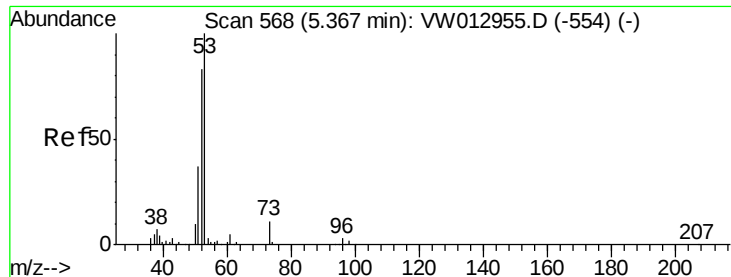


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

Ion 75.90 (75.60 to 76.60): VW





#15

Acrylonitrile

Concen: 112.375 ug/l

RT: 5.36 min Scan# 567

Delta R.T. -0.01 min

Lab File: VW012986.D

Acq: 14 Sep 2019 12:03

Instrument :

MSVOA_W

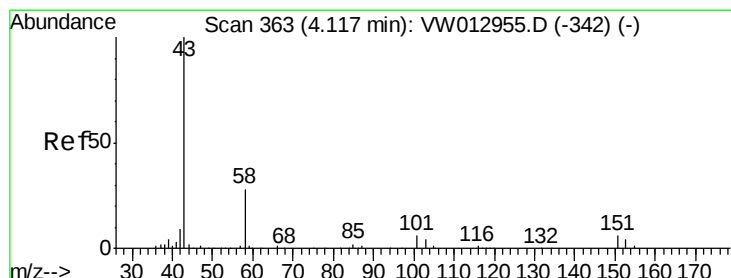
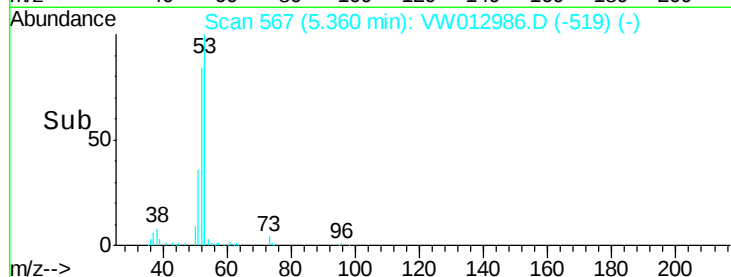
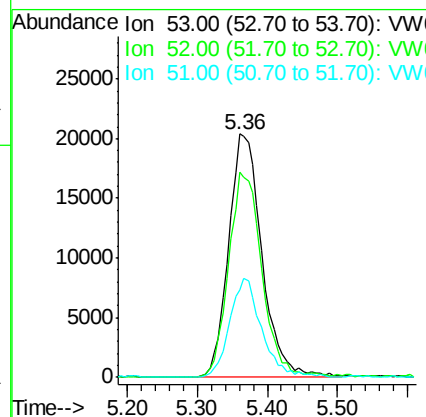
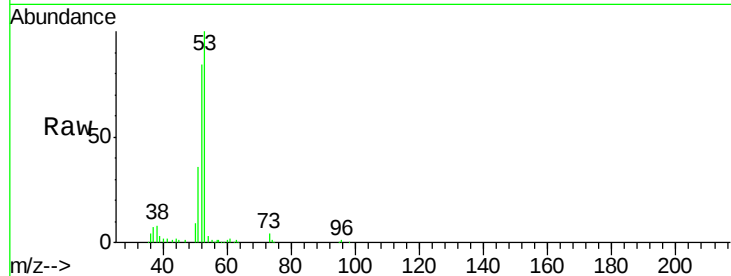
ClientSampleId :

VW0915SBS01

Tot Ion:	53	Resp:	67456
Ion Ratio	Lower	Upper	
53	100		
52	84.4	66.6	100.0
51	39.4	29.8	44.8

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#16

Acetone

Concen: 95.122 ug/l

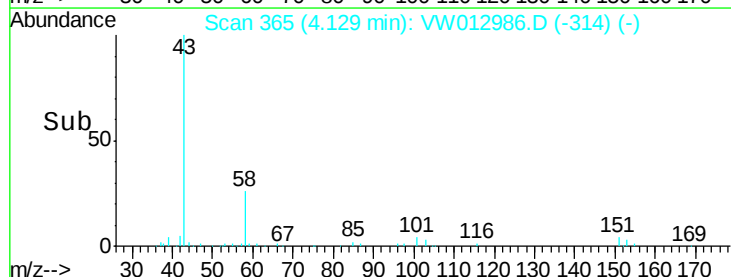
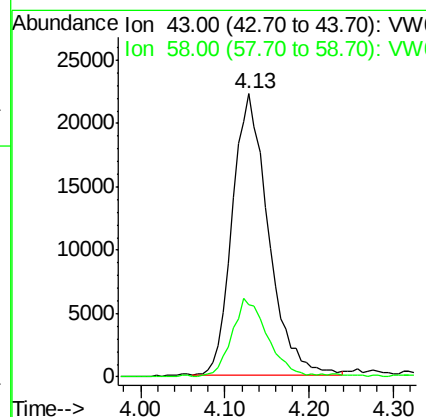
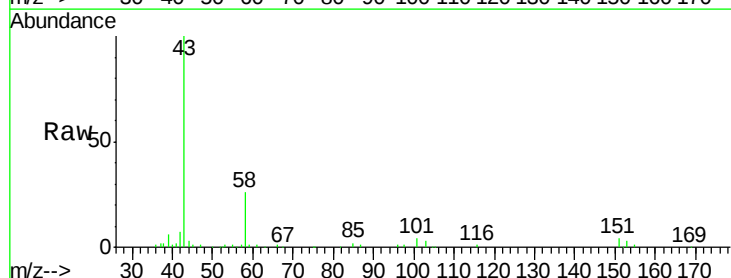
RT: 4.13 min Scan# 365

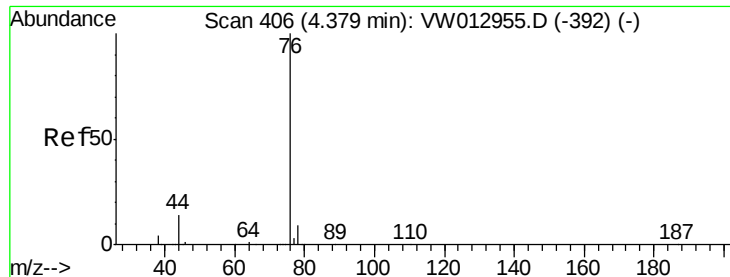
Delta R.T. 0.01 min

Lab File: VW012986.D

Acq: 14 Sep 2019 12:03

Tgt Ion:	43	Resp:	64623
Ion Ratio	Lower	Upper	
43	100		
58	25.8	22.3	33.5





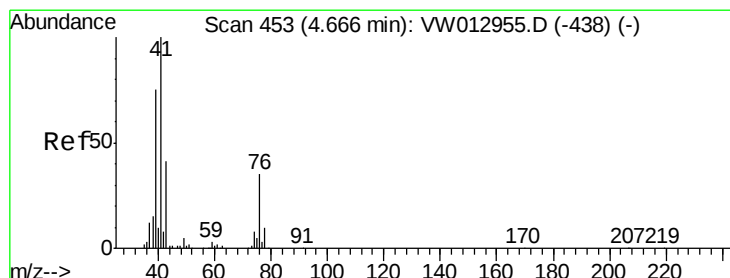
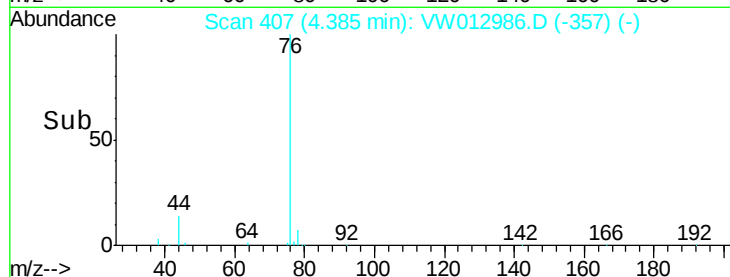
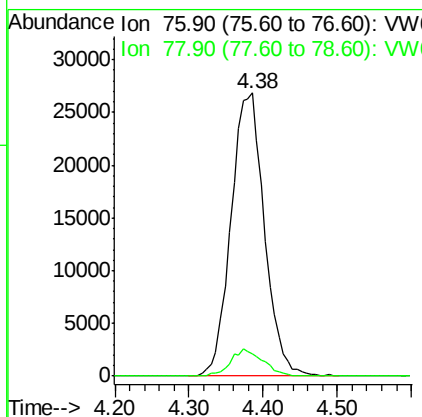
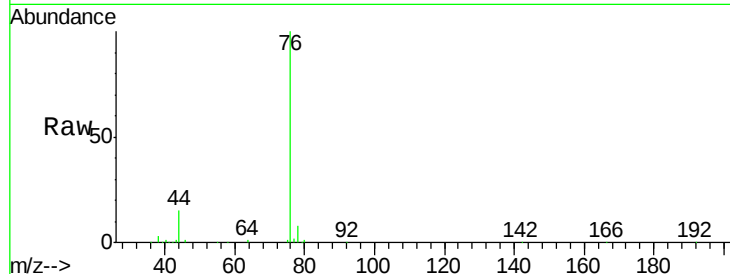
#17
Carbon Disulfide
Concen: 20.387 ug/l
RT: 4.38 min Scan# 407
Delta R.T. 0.01 min
Lab File: VW012986.D
Acq: 14 Sep 2019 12:03

Instrument :
MSVOA_W
ClientSampleId :
VW0915SBSD01

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.0	7.0	10.4

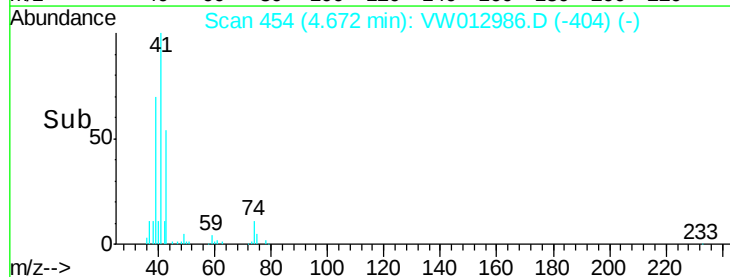
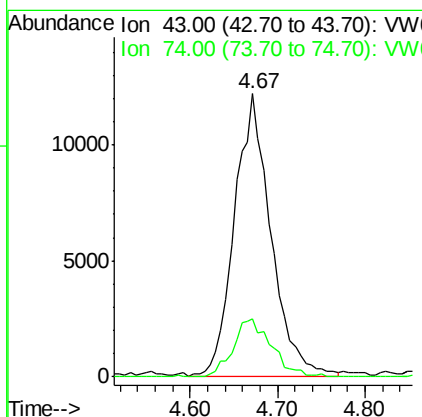
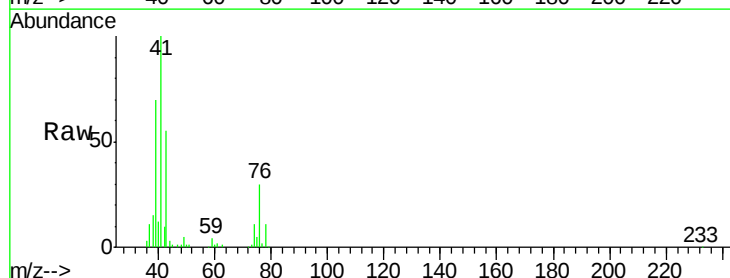
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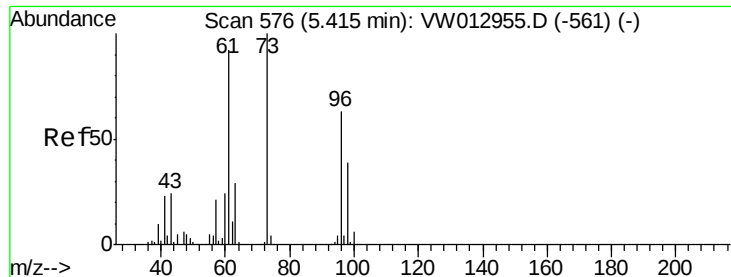
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#18
Methyl Acetate
Concen: 22.438 ug/l
RT: 4.67 min Scan# 454
Delta R.T. 0.01 min
Lab File: VW012986.D
Acq: 14 Sep 2019 12:03

Tgt Ion	Ratio	Lower	Upper
43	100		
74	21.5	17.8	26.8





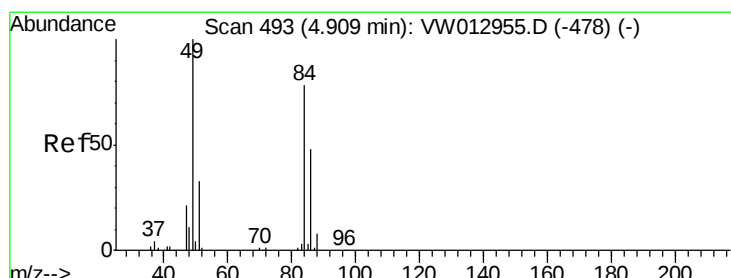
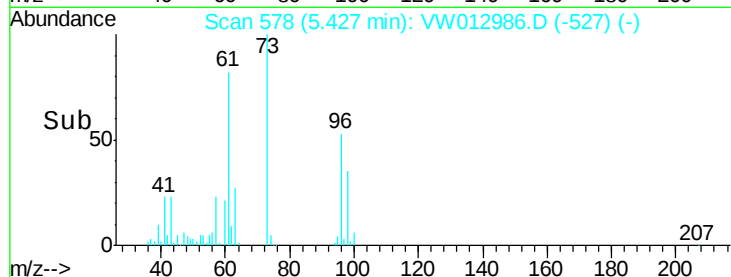
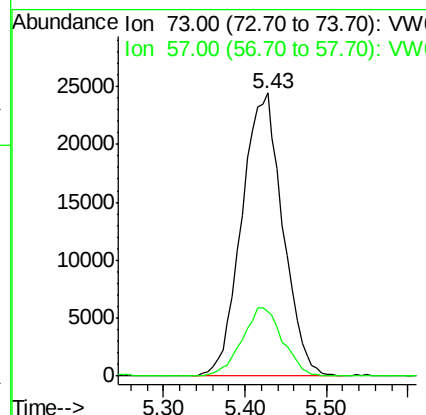
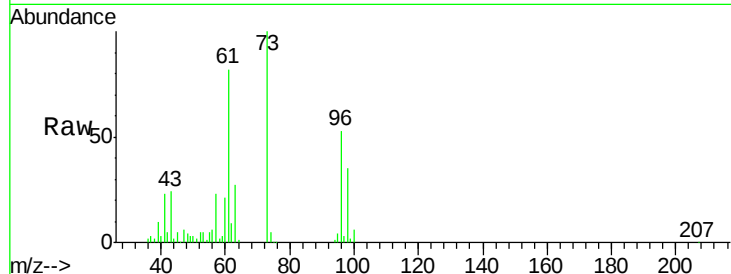
#19
Methvl tert-butvl Ether
Concen: 20.851 ug/l
RT: 5.43 min Scan# 578
Delta R.T. 0.01 min
Lab File: VW012986.D
Acq: 14 Sep 2019 12:03

Instrument :
MSVOA_W
ClientSampleId :
VW0915SBSD01

Tot Ion: 73 Resp: 85436
Ion Ratio Lower Upper
73 100
57 22.9 16.4 24.6

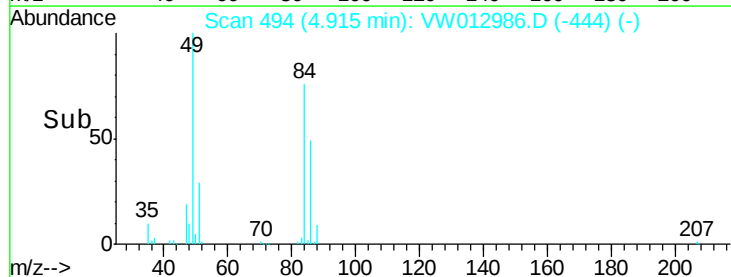
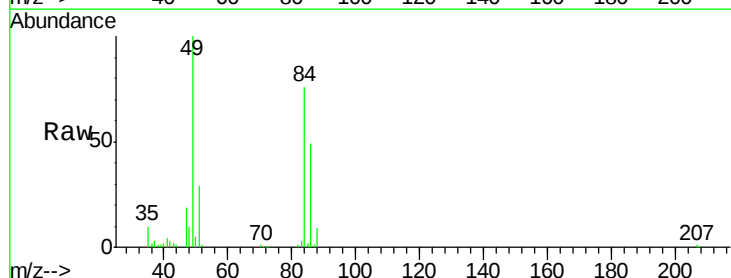
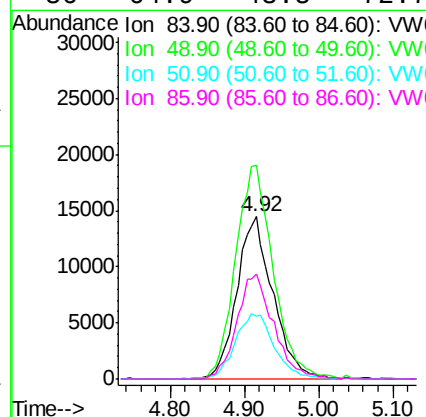
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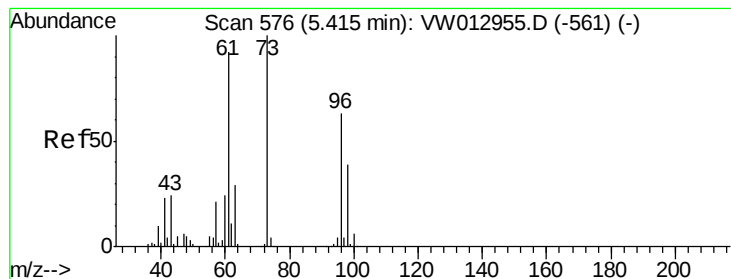
MMDadoda
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#20
Methylene Chloride
Concen: 18.741 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.01 min
Lab File: VW012986.D
Acq: 14 Sep 2019 12:03

Tgt Ion: 84 Resp: 49326
Ion Ratio Lower Upper
84 100
49 130.8 102.0 153.0
51 38.3 34.0 51.0
86 64.9 48.5 72.7





#21

trans-1,2-Dichloroethene

Concen: 20.496 ug/l

RT: 5.42 min Scan# 576

Delta R.T. -0.00 min

Lab File: VW012986.D

Acq: 14 Sep 2019 12:03

Instrument :

MSVOA_W

ClientSampleId :

VW0915SBS01

Tot Ion: 96 Resp: 45565

Ion Ratio Lower Upper

96 100

61 150.1 116.2 174.2

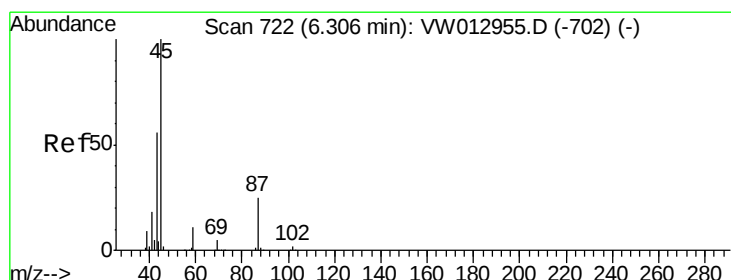
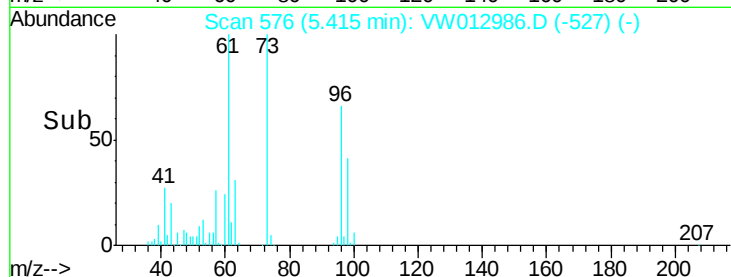
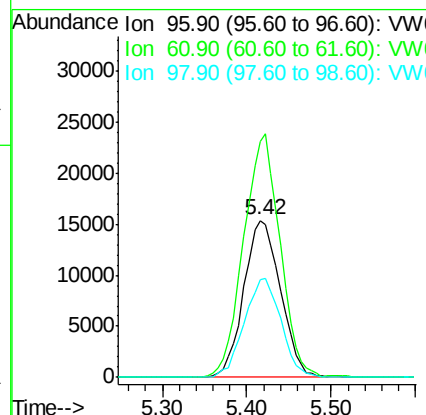
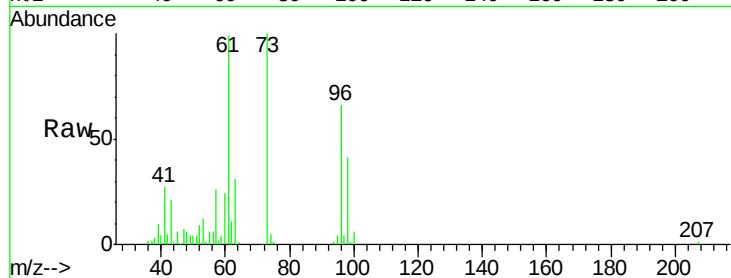
98 62.4 49.8 74.6

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#22

Diisopropyl ether

Concen: 21.052 ug/l

RT: 6.31 min Scan# 722

Delta R.T. -0.00 min

Lab File: VW012986.D

Acq: 14 Sep 2019 12:03

Tgt Ion: 45 Resp: 172339

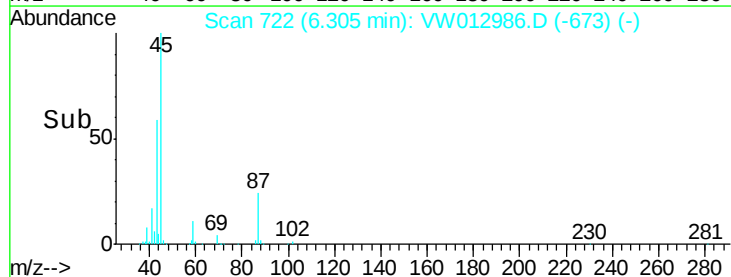
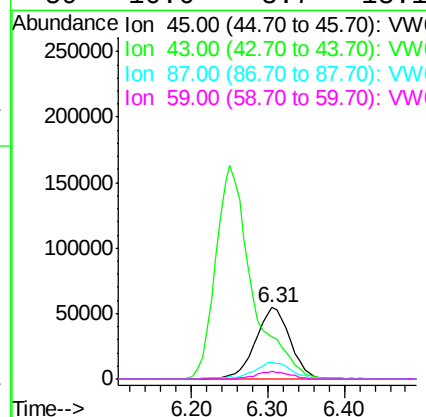
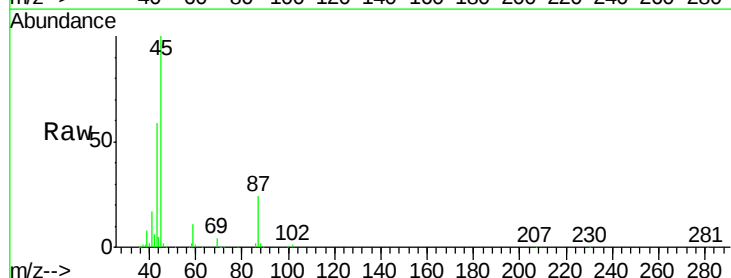
Ion Ratio Lower Upper

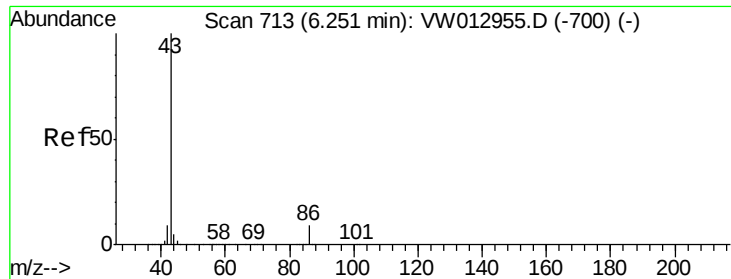
45 100

43 58.0 44.6 67.0

87 23.4 20.0 30.0

59 10.6 8.7 13.1





#23

Vinyl Acetate

Concen: 109.065 ug/l

RT: 6.25 min Scan# 713

Delta R.T. -0.00 min

Lab File: VW012986.D

Acq: 14 Sep 2019 12:03

Tot Ion: 43 Resp: 534755

Ion Ratio Lower Upper

43 100

86 9.4 7.0 10.6

Instrument :

MSVOA_W

ClientSampled :

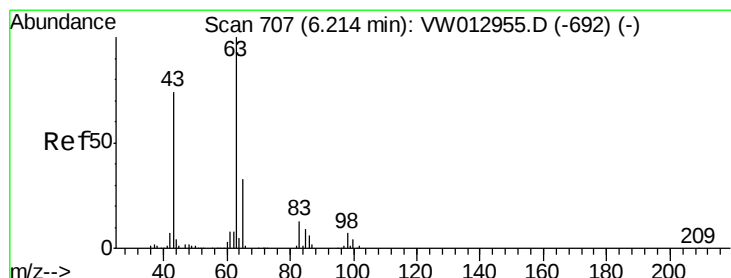
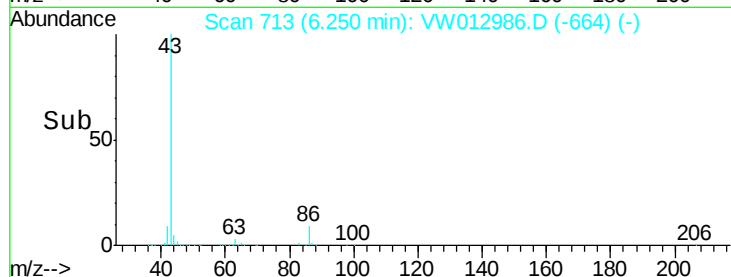
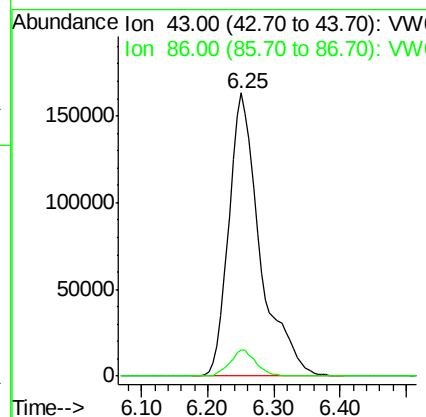
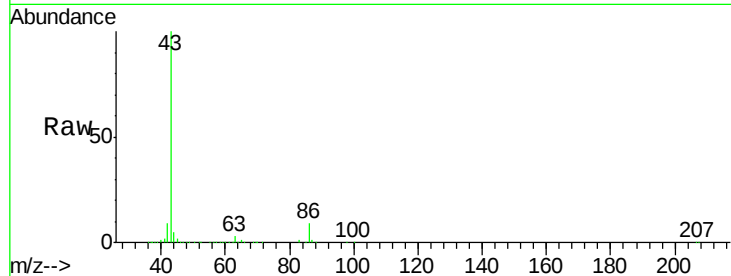
VW0915SBS01

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#24

1,1-Dichloroethane

Concen: 20.267 ug/l

RT: 6.21 min Scan# 707

Delta R.T. -0.00 min

Lab File: VW012986.D

Acq: 14 Sep 2019 12:03

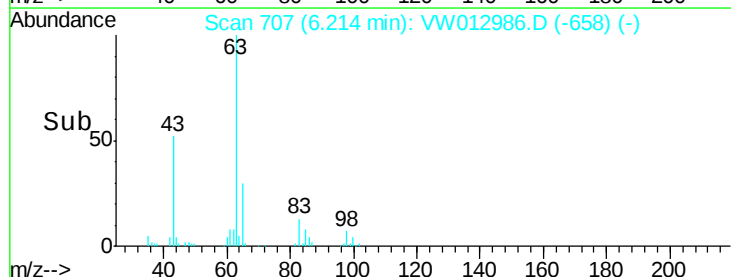
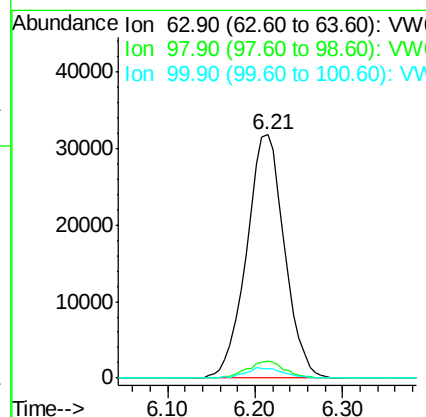
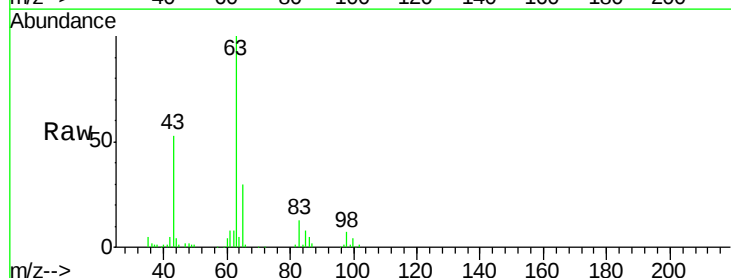
Tgt Ion: 63 Resp: 95660

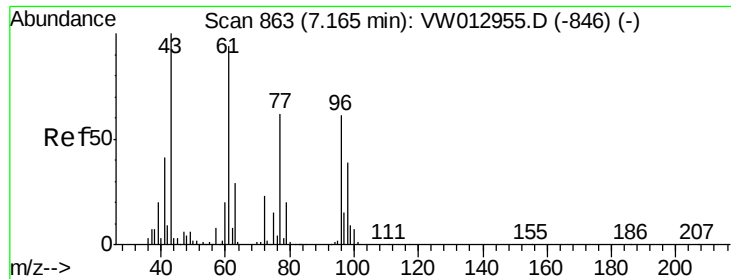
Ion Ratio Lower Upper

63 100

98 7.2 3.3 9.9

100 3.7 1.8 5.5





#25

2-Butanone

Concen: 111.596 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.01 min

Lab File: VW012986.D

Acq: 14 Sep 2019 12:03

Instrument :

MSVOA_W

ClientSampleId :

VW0915SBS01

Tot Ion: 43 Resp: 98553

Ion Ratio Lower Upper

43 100

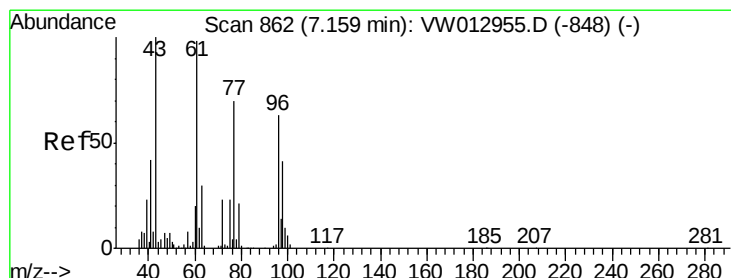
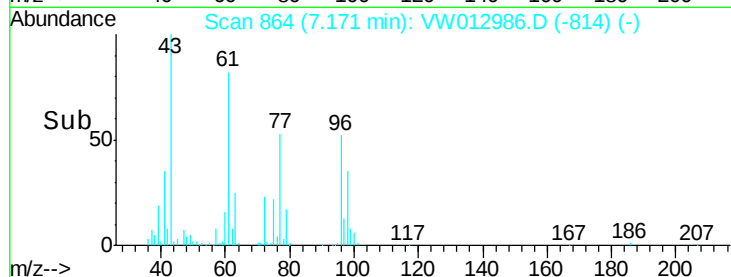
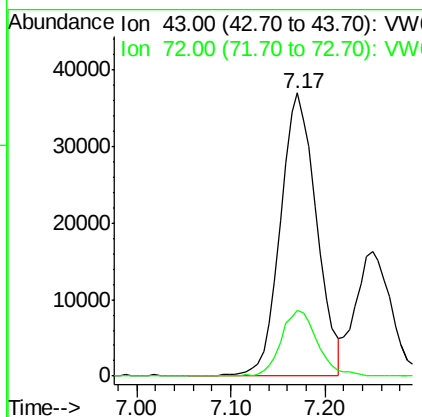
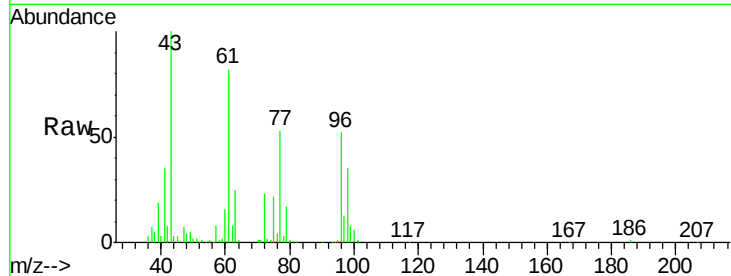
72 23.1 18.2 27.4

Manual Integrations

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9/16/2019 11:14:30 AM



#26

2,2-Dichloropropane

Concen: 19.070 ug/l

RT: 7.16 min Scan# 863

Delta R.T. 0.01 min

Lab File: VW012986.D

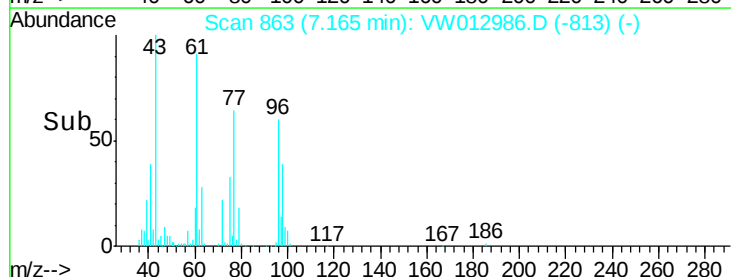
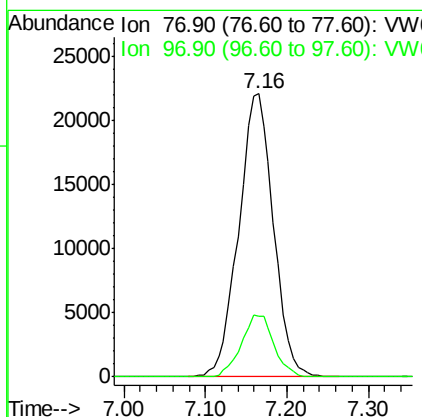
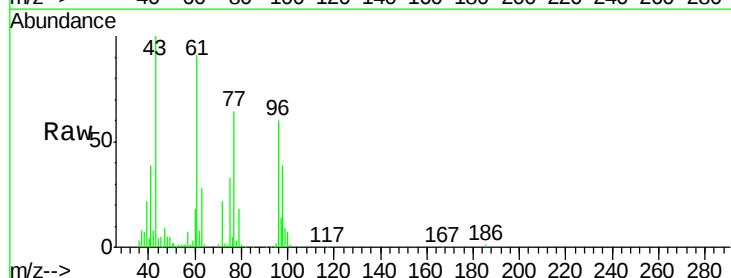
Acq: 14 Sep 2019 12:03

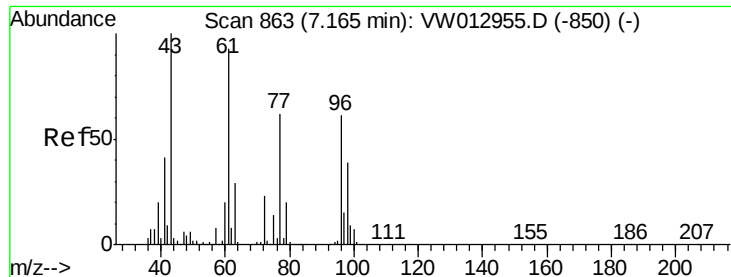
Tgt Ion: 77 Resp: 65159

Ion Ratio Lower Upper

77 100

97 20.7 10.7 32.1





#27

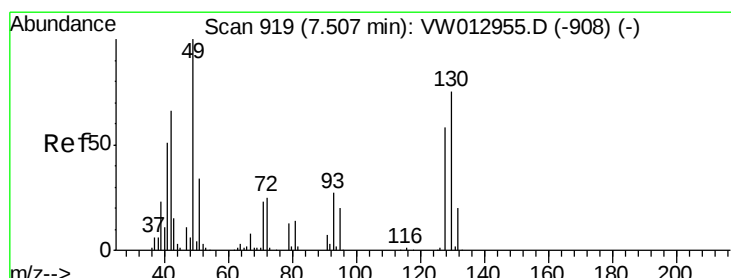
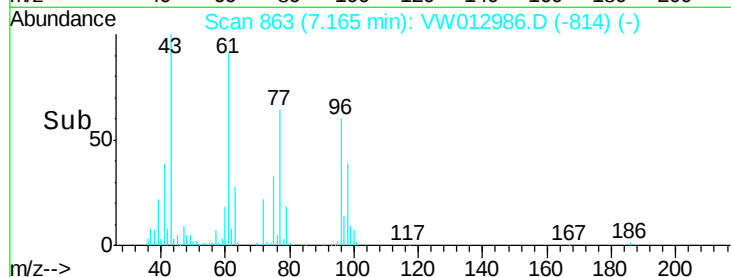
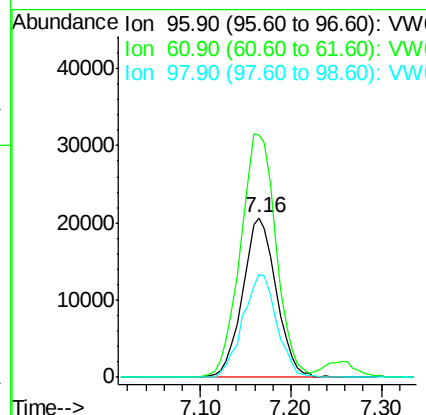
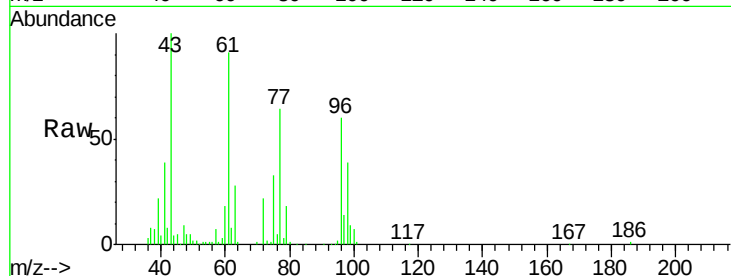
cis-1,2-Dichloroethene
Concen: 19.871 ug/l
RT: 7.16 min Scan# 863
Delta R.T. -0.00 min
Lab File: VW012986.D
Acq: 14 Sep 2019 12:03

Instrument :
MSVOA_W
ClientSampleId :
VW0915SBSD01

Tot Ion	Ratio	Lower	Upper
96	100		
61	162.0	0.0	315.4
98	65.1	0.0	131.0

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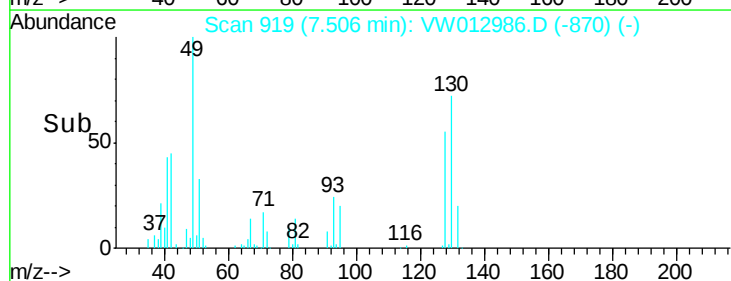
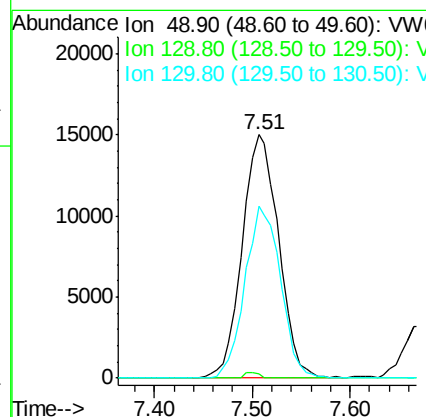
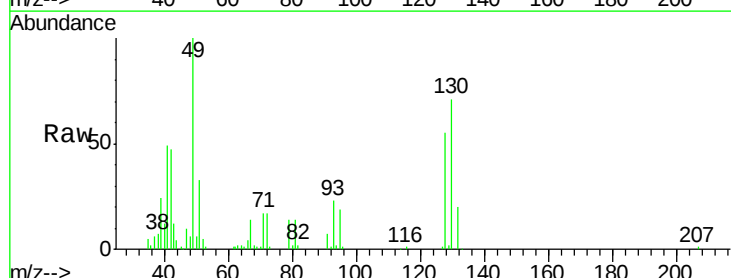
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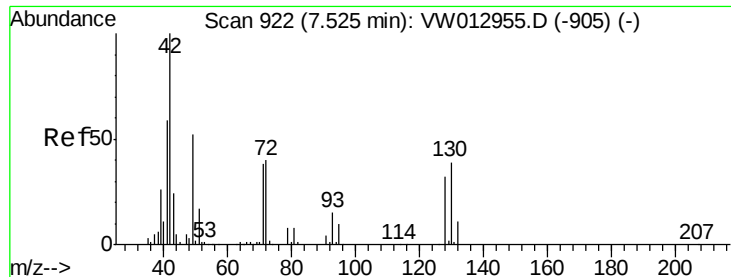


#28

Bromochloromethane
Concen: 19.615 ug/l
RT: 7.51 min Scan# 919
Delta R.T. -0.00 min
Lab File: VW012986.D
Acq: 14 Sep 2019 12:03

Tgt Ion	Ratio	Lower	Upper
49	100		
129	0.8	0.0	1.4
130	68.7	57.8	86.6





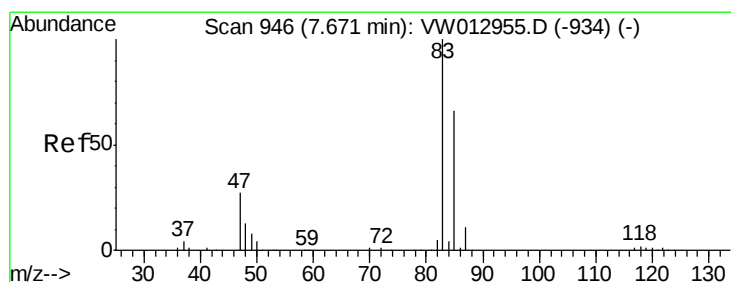
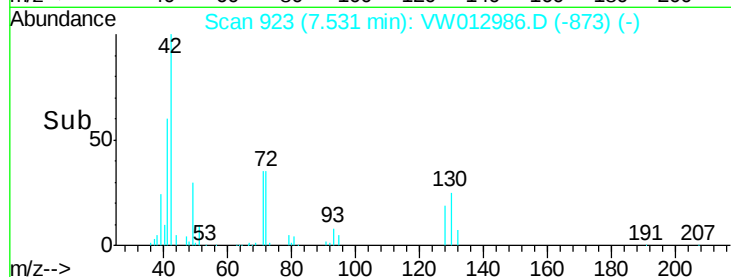
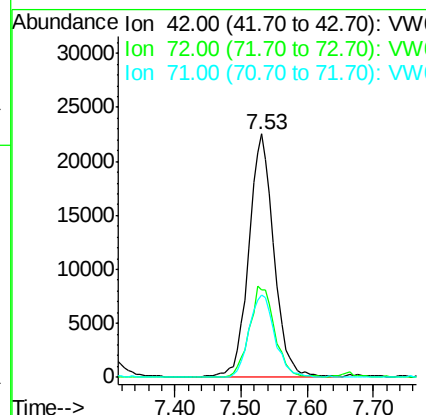
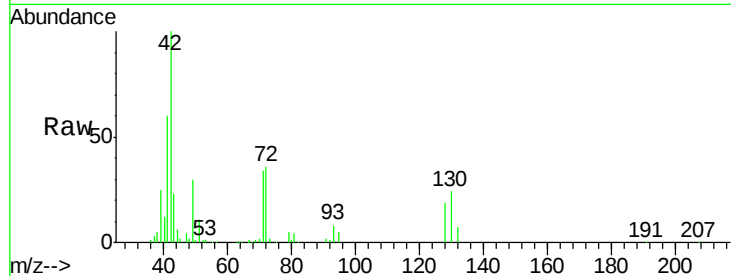
#29
Tetrahydrofuran
Concen: 118.354 ug/l
RT: 7.53 min Scan# 923
Delta R.T. 0.01 min
Lab File: VW012986.D
Acq: 14 Sep 2019 12:03

Instrument :
MSVOA_W
ClientSampleId :
VW0915SBSD01

Tot Ion	Ratio	Lower	Upper
42	100		
72	37.5	31.4	47.0
71	34.6	29.8	44.8

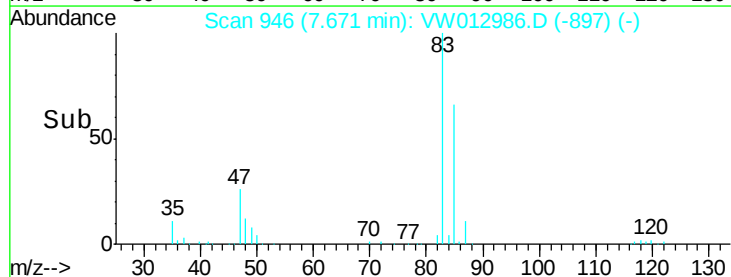
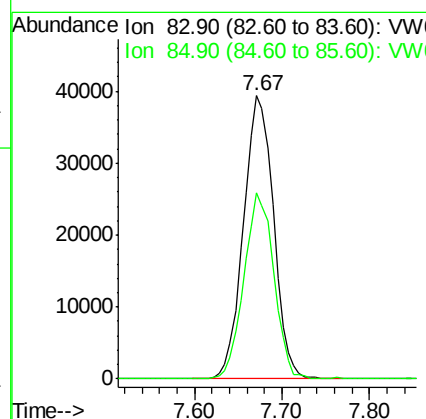
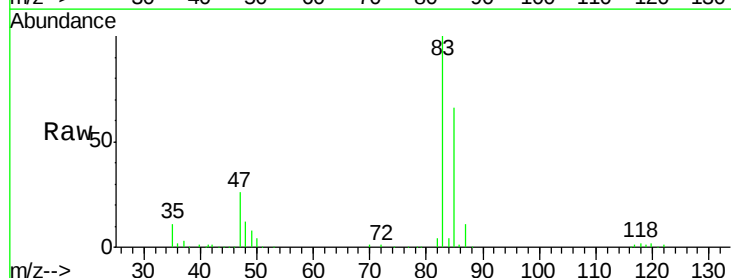
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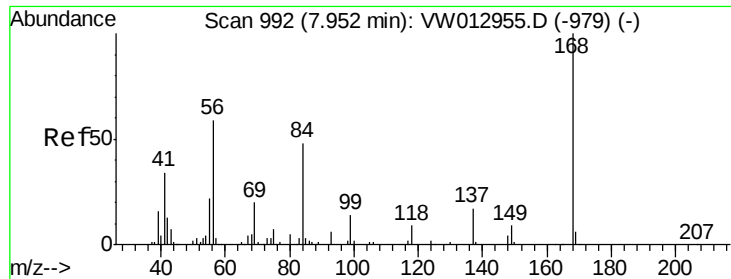
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#30
Chloroform
Concen: 19.627 ug/l
RT: 7.67 min Scan# 946
Delta R.T. -0.00 min
Lab File: VW012986.D
Acq: 14 Sep 2019 12:03

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.8	52.8	79.2





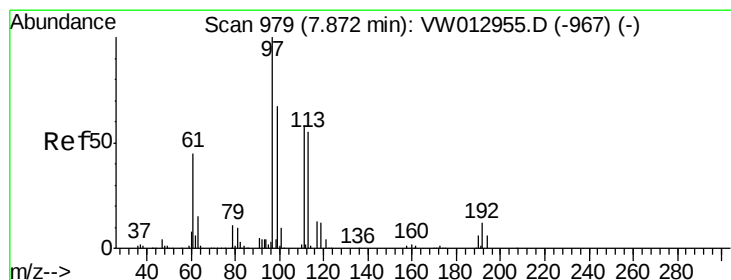
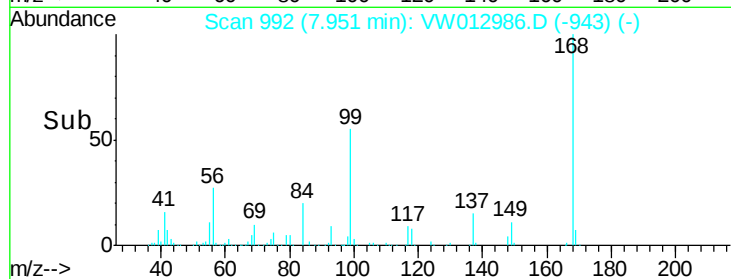
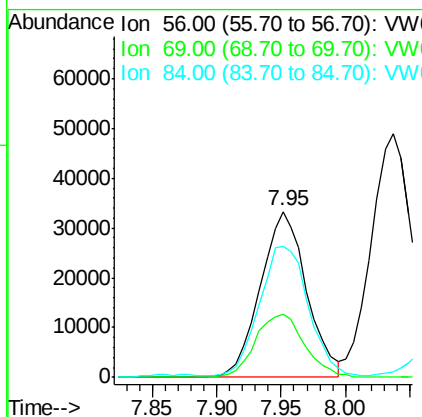
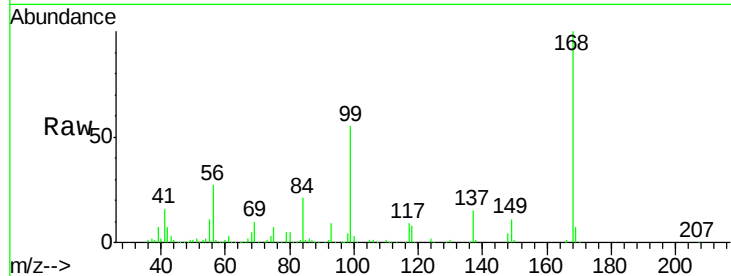
#31
Cyclohexane
Concen: 20.933 ug/l
RT: 7.95 min Scan# 992
Delta R.T. 0.00 min
Lab File: VW012986.D
Acq: 14 Sep 2019 12:03

Instrument :
MSVOA_W
ClientSampleId :
VW0915SBSD01

Tot Ion	Ratio	Lower	Upper
56	100		
69	37.9	27.0	40.6
84	77.1	66.2	99.2

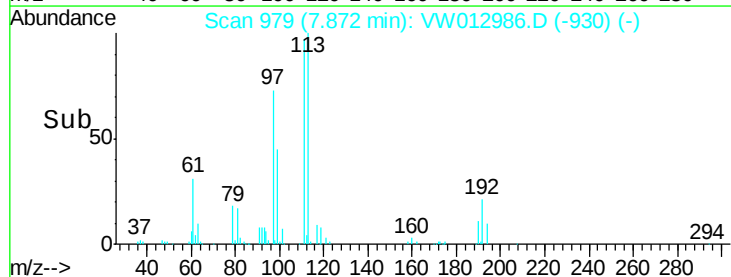
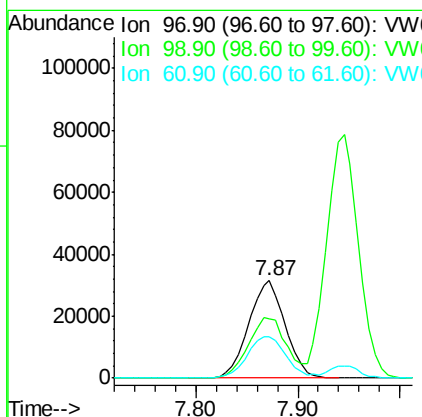
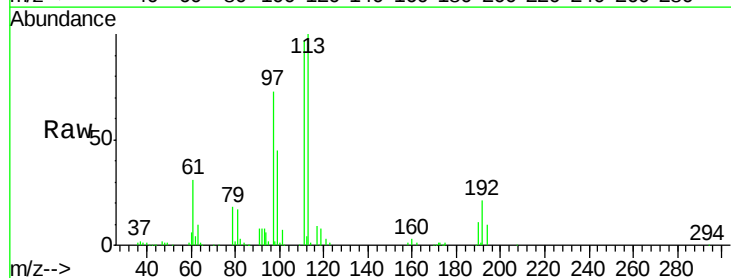
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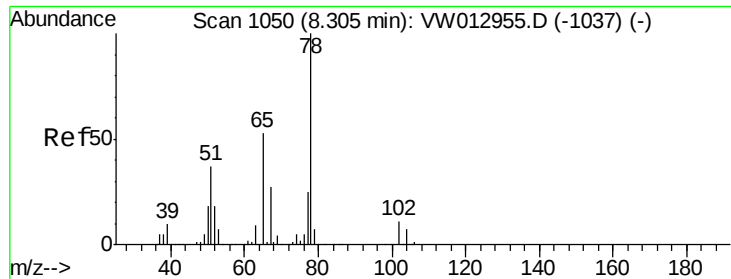
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#32
1,1,1-Trichloroethane
Concen: 19.753 ug/l
RT: 7.87 min Scan# 979
Delta R.T. -0.00 min
Lab File: VW012986.D
Acq: 14 Sep 2019 12:03

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.5	53.0	79.4
61	45.9	36.5	54.7





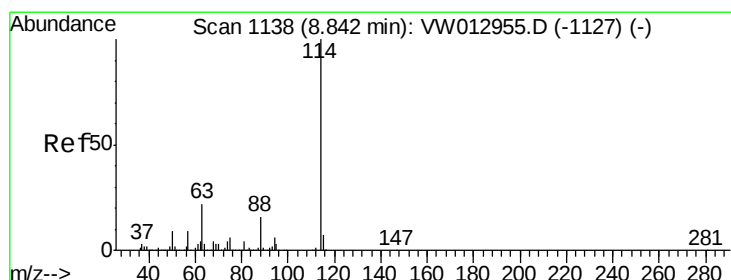
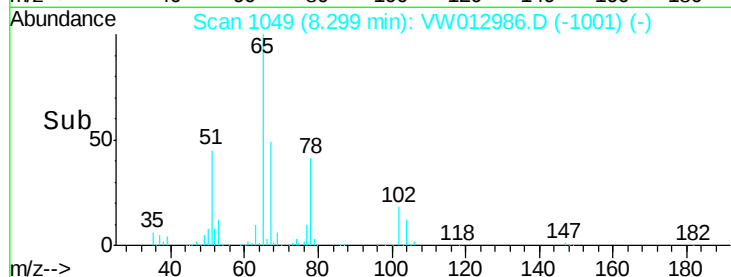
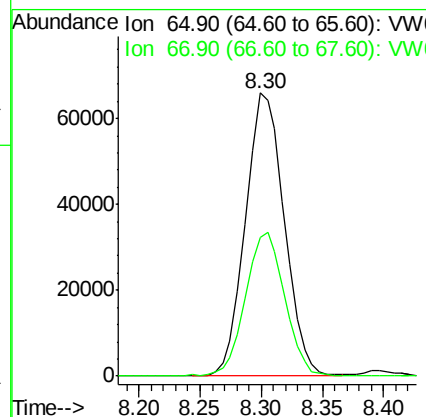
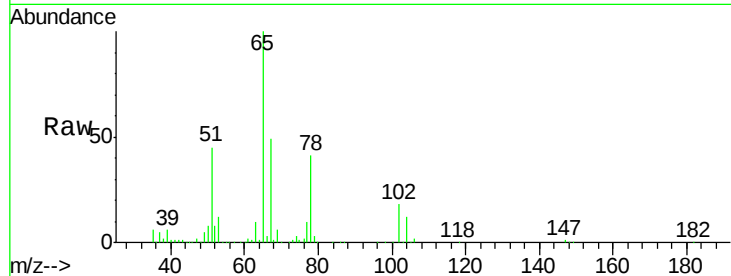
#33
 1,2-Dichloroethane-d4
 Concen: 52.539 ug/l
 RT: 8.30 min Scan# 1049
 Delta R.T. -0.01 min
 Lab File: VW012986.D
 Acq: 14 Sep 2019 12:03

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0915SBSD01

Tot Ion	Ratio	Resp	Lower	Upper
65	100	145917		
67	51.4	0.0	101.2	

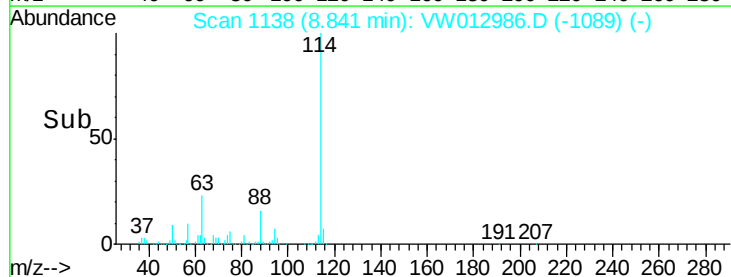
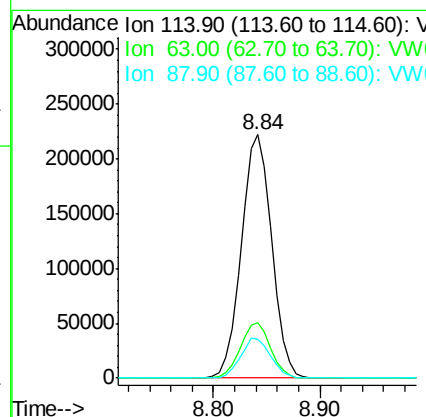
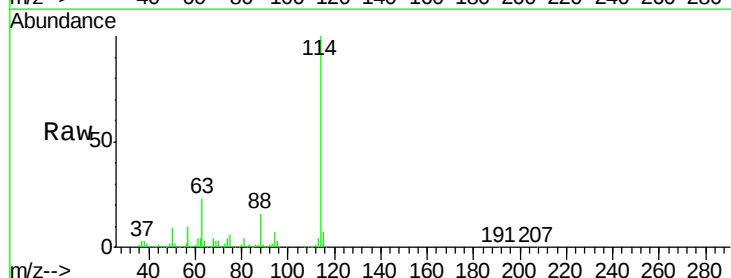
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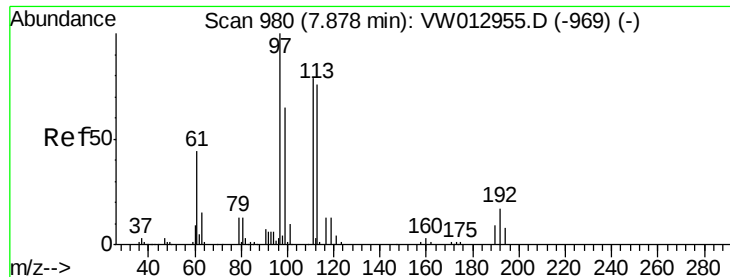
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW012986.D
 Acq: 14 Sep 2019 12:03

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	444619		
63	23.0	0.0	43.4	
88	16.1	0.0	31.6	





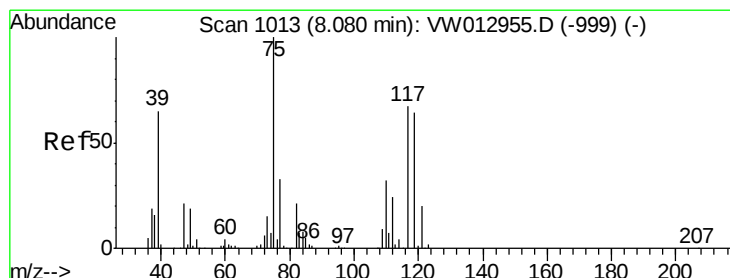
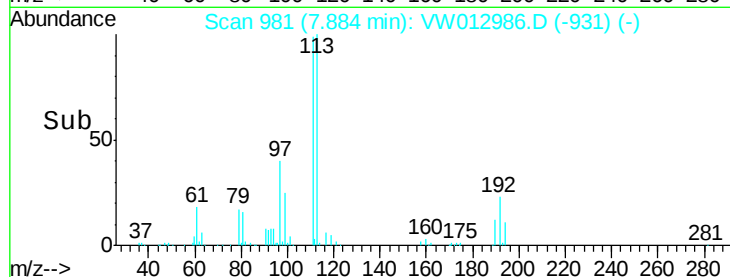
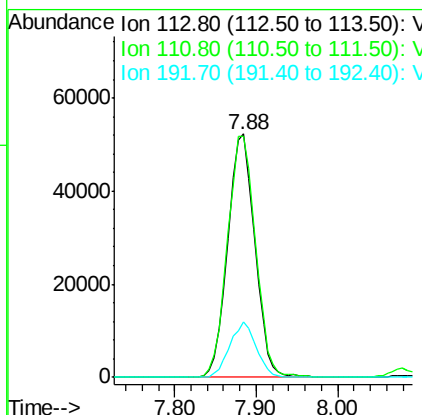
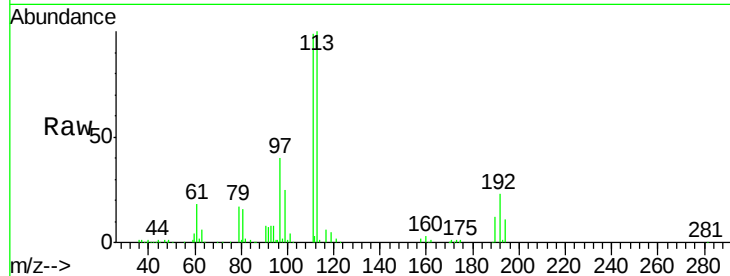
#35
Dibromofluoromethane
Concen: 49.710 ug/l
RT: 7.88 min Scan# 981
Delta R.T. 0.01 min
Lab File: VW012986.D
Acq: 14 Sep 2019 12:03

Instrument :
MSVOA_W
ClientSampled :
VW0915SBSD01

Tot Ion	Ratio	Resp	Lower	Upper
113	100	119928		
111	102.6		82.8	124.2
192	22.2		17.8	26.8

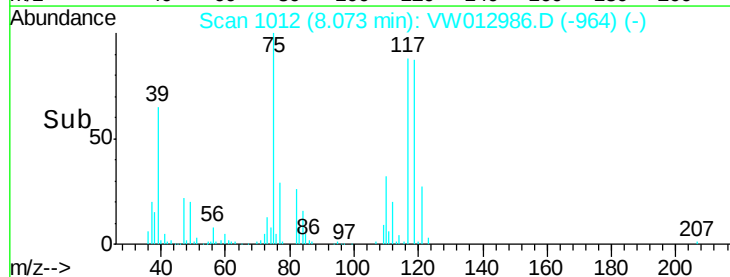
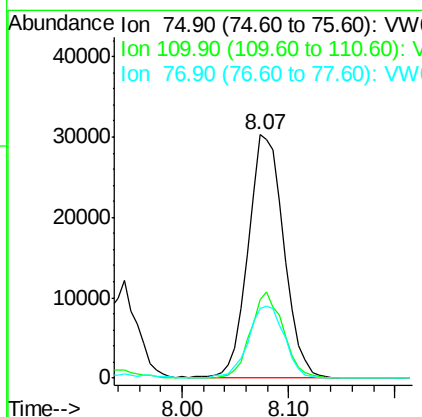
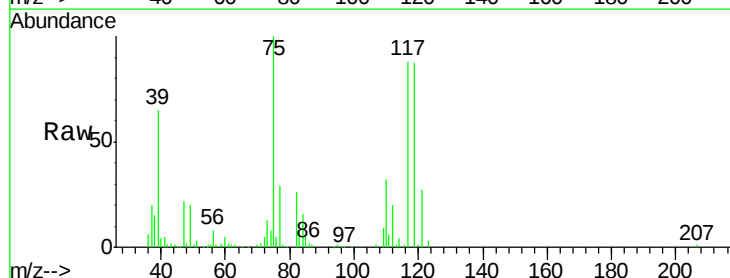
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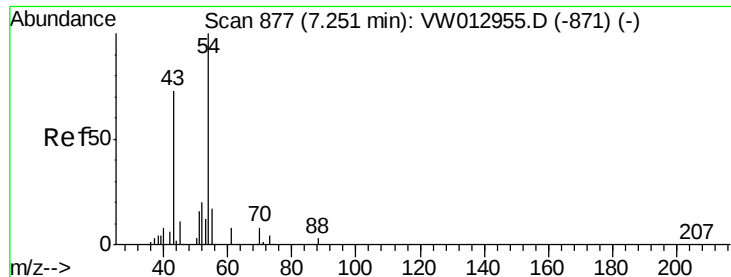
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#36
1,1-Dichloropropene
Concen: 20.111 ug/l
RT: 8.07 min Scan# 1012
Delta R.T. -0.01 min
Lab File: VW012986.D
Acq: 14 Sep 2019 12:03

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	71454		
110	32.4		16.4	49.1
77	30.1		25.1	37.7





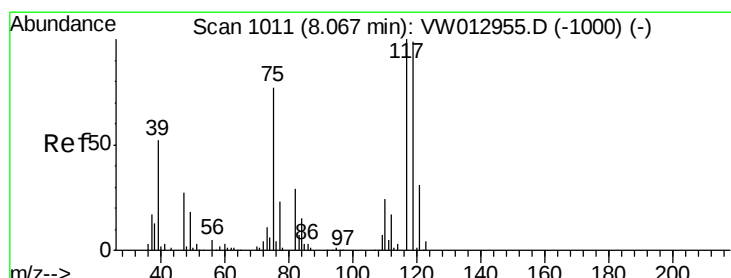
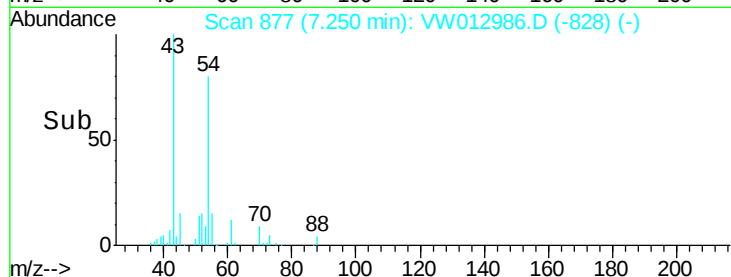
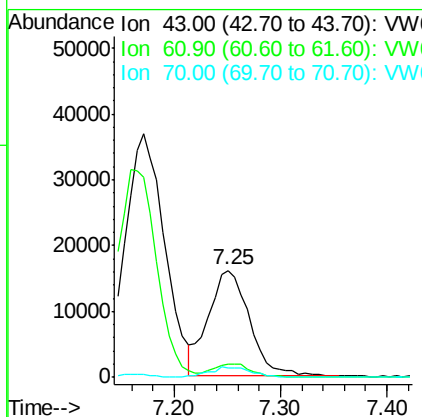
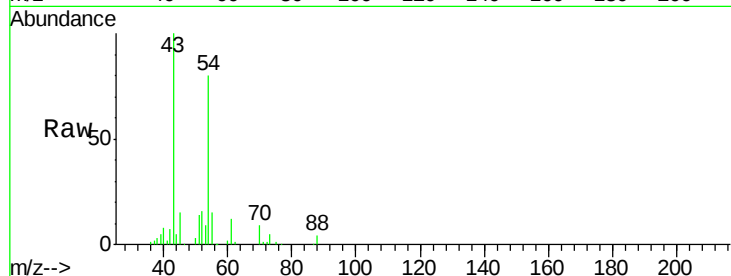
#37
Ethyl Acetate
Concen: 22.757 ug/l
RT: 7.25 min Scan# 877
Delta R.T. -0.00 min
Lab File: VW012986.D
Acq: 14 Sep 2019 12:03

Instrument :
MSVOA_W
ClientSampleID :
VW0915SBS01

Tot Ion	Ratio	Resp	Lower	Upper
43	100	42916		
61	12.4		9.6	14.4
70	10.3		7.6	11.4

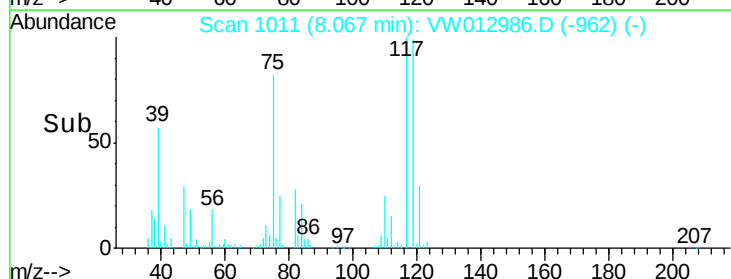
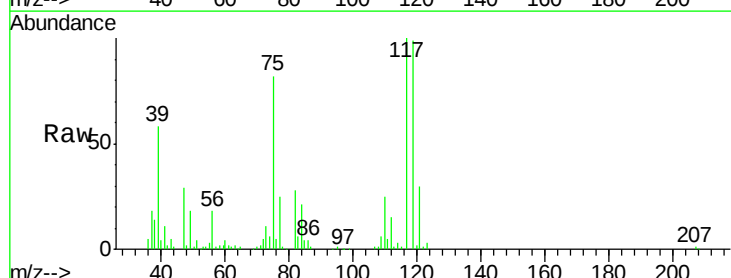
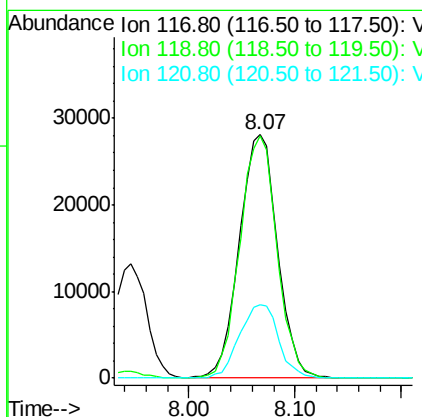
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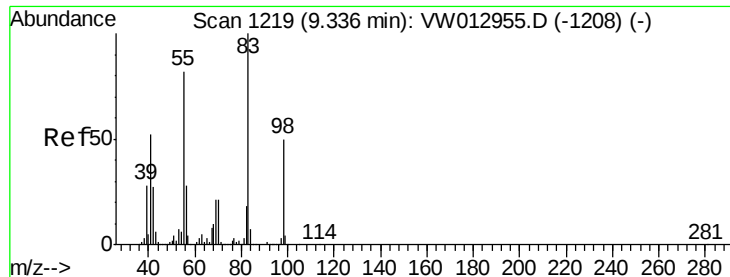
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#38
Carbon Tetrachloride
Concen: 19.448 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.00 min
Lab File: VW012986.D
Acq: 14 Sep 2019 12:03

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	70810		
119	99.4		79.4	119.0
121	30.1		24.6	36.8





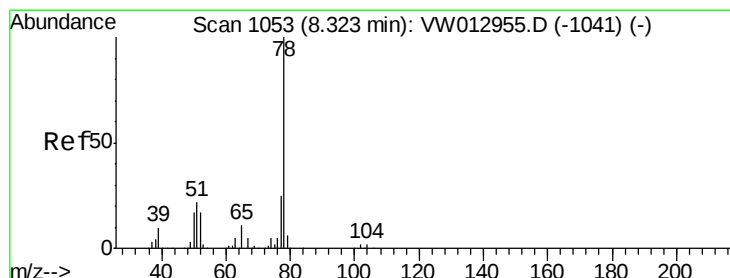
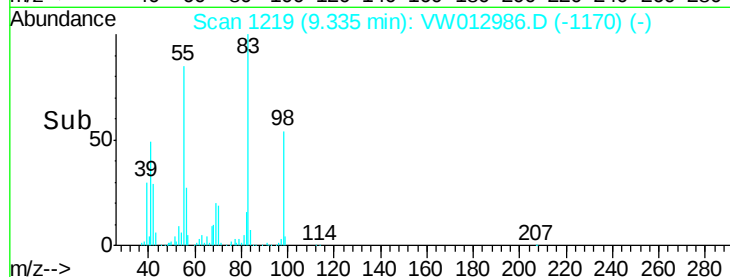
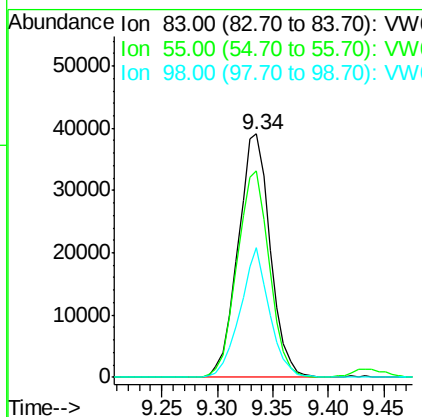
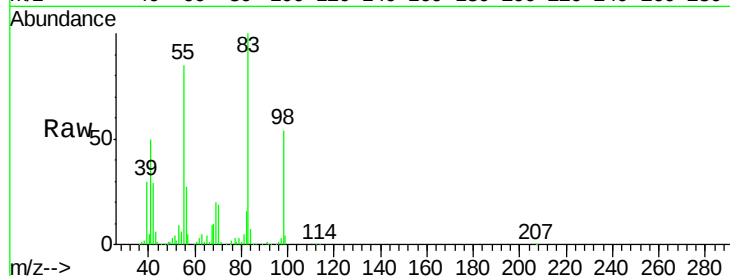
#39
Methvlcvclohexane
Concen: 20.140 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW012986.D
Acq: 14 Sep 2019 12:03

Instrument :
MSVOA_W
ClientSampleId :
VW0915SBSD01

Tot Ion	Ratio	Lower	Upper
83	100		
55	84.4	65.9	98.9
98	53.5	39.6	59.4

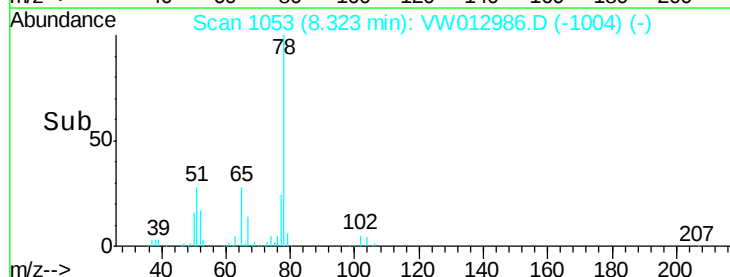
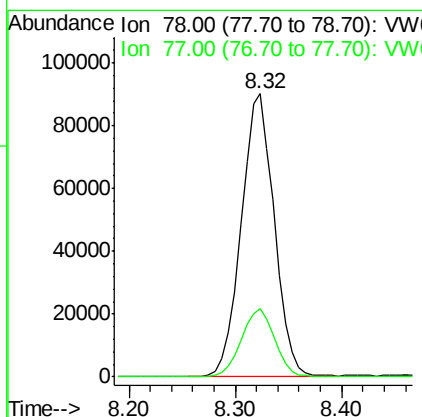
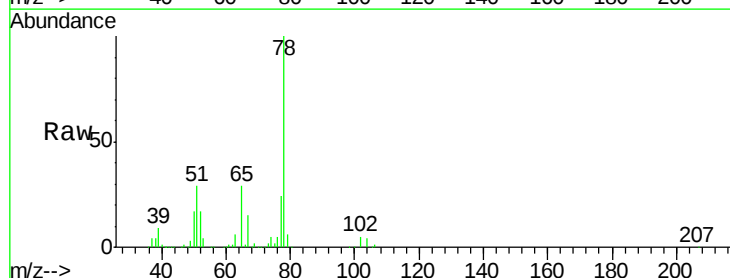
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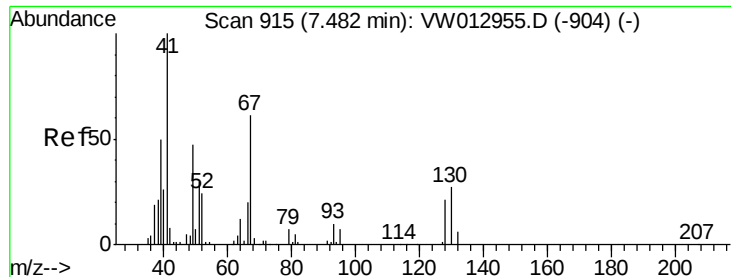
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#40
Benzene
Concen: 19.842 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.00 min
Lab File: VW012986.D
Acq: 14 Sep 2019 12:03

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.2	19.6	29.4





#41

Methacrylonitrile

Concen: 22.766 ug/l

RT: 7.48 min Scan# 915

Delta R.T. -0.00 min

Lab File: VW012986.D

Acq: 14 Sep 2019 12:03

Instrument :

MSVOA_W

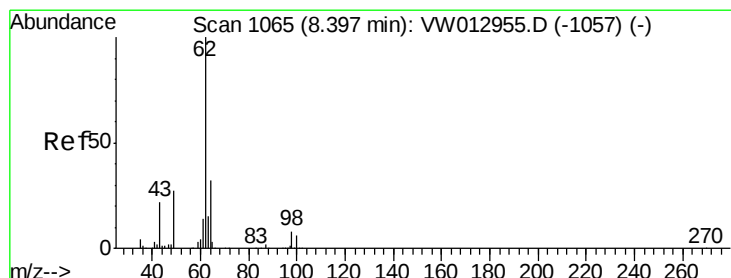
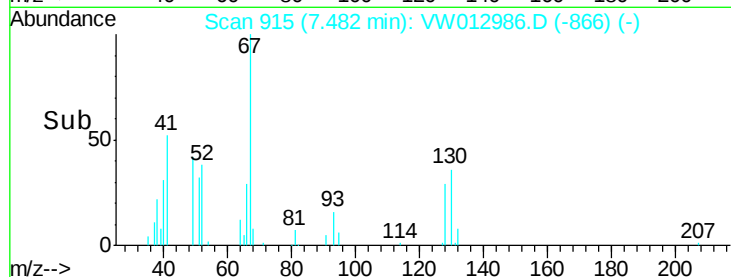
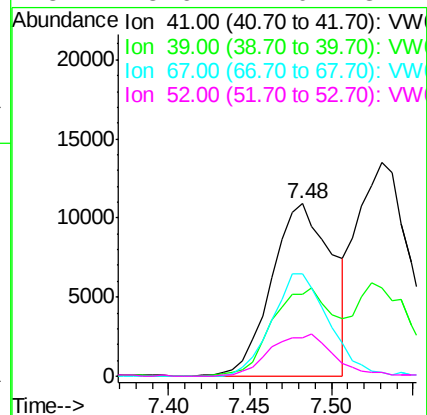
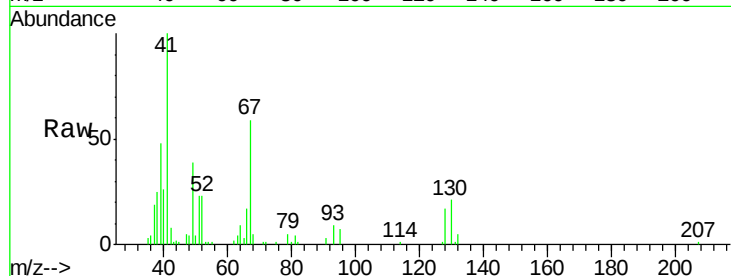
ClientSampleId :

VW0915SBSD01

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	52.0	48.2	72.4	
67	56.5	47.5	71.3	
52	25.6	21.0	31.4	

Manual Integrations
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#42

1,2-Dichloroethane

Concen: 20.392 ug/l

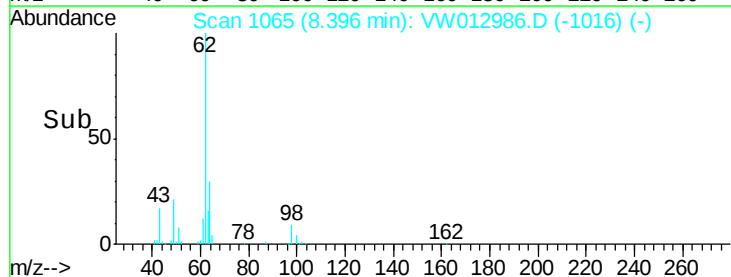
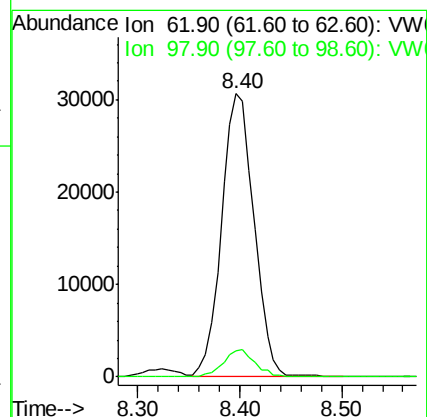
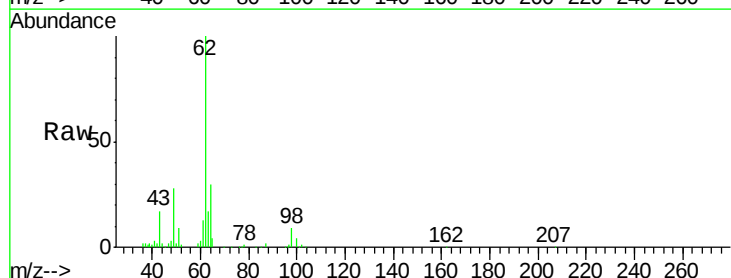
RT: 8.40 min Scan# 1065

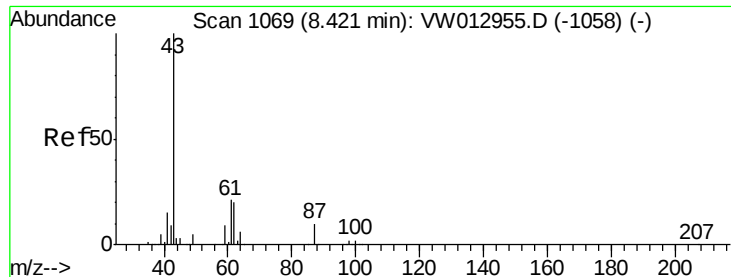
Delta R.T. -0.00 min

Lab File: VW012986.D

Acq: 14 Sep 2019 12:03

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	9.2	0.0	16.8	





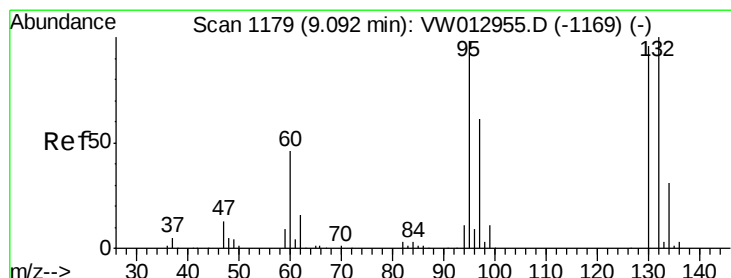
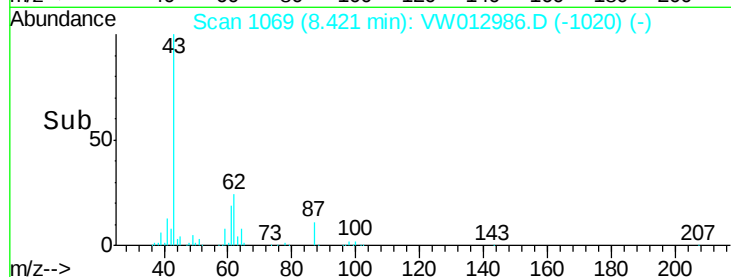
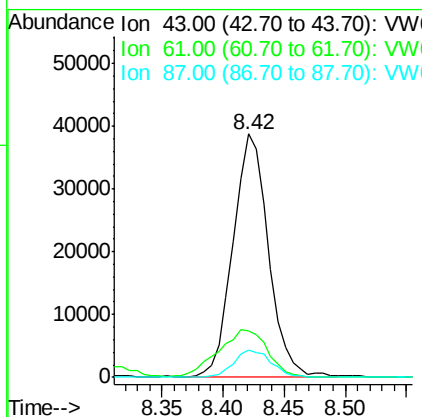
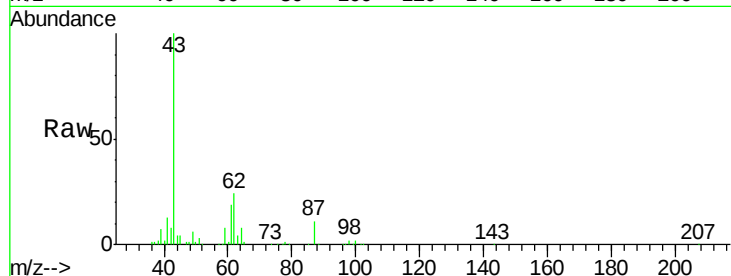
#43
Isopropyl Acetate
Concen: 21.390 ug/l
RT: 8.42 min Scan# 1069
Delta R.T. -0.00 min
Lab File: VW012986.D
Acq: 14 Sep 2019 12:03

Instrument :
MSVOA_W
ClientSampleId :
VW0915SBS01

Tot Ion:	43	Resp:	77451
Ion	Ratio	Lower	Upper
43	100		
61	27.8	22.7	34.1
87	11.9	9.4	14.2

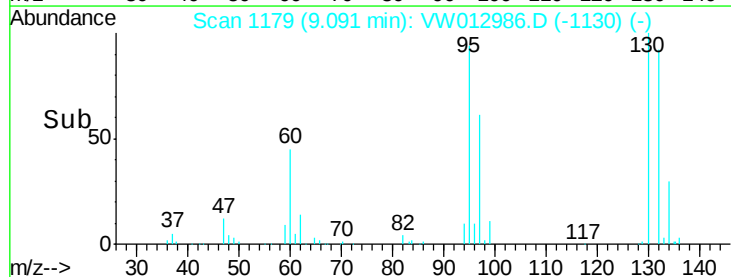
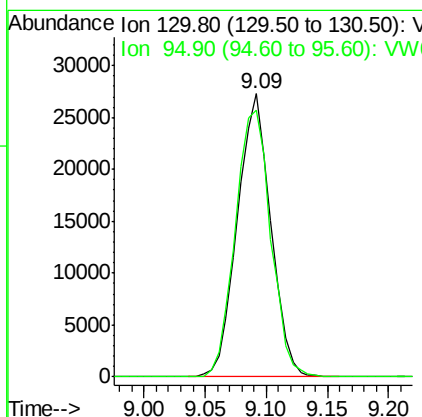
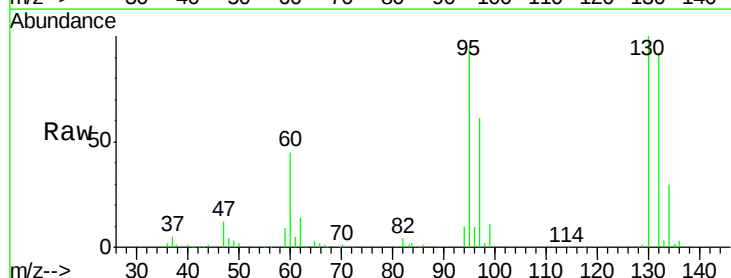
Manual Integrations
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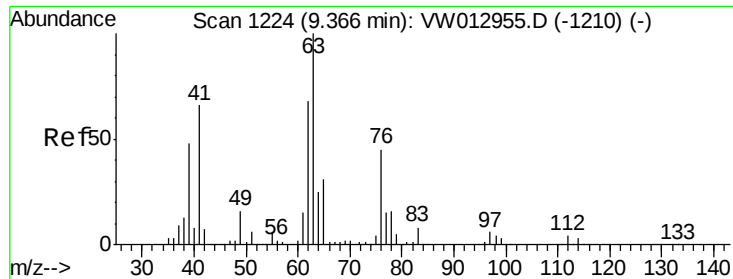
MMDadoda
9/16/2019 11:14:30 AM



#44
Trichloroethene
Concen: 19.036 ug/l
RT: 9.09 min Scan# 1179
Delta R.T. -0.00 min
Lab File: VW012986.D
Acq: 14 Sep 2019 12:03

Tgt Ion:	130	Resp:	51715
Ion	Ratio	Lower	Upper
130	100		
95	94.0	0.0	204.4





#45

1,2-Dichloropropane

Concen: 20.066 ug/l

RT: 9.37 min Scan# 1224

Delta R.T. -0.00 min

Lab File: VW012986.D

Acq: 14 Sep 2019 12:03

Instrument :

MSVOA_W

ClientSampleId :

VW0915SBS01

Tot Ion: 63 Resp: 52878

Ion Ratio Lower Upper

63 100

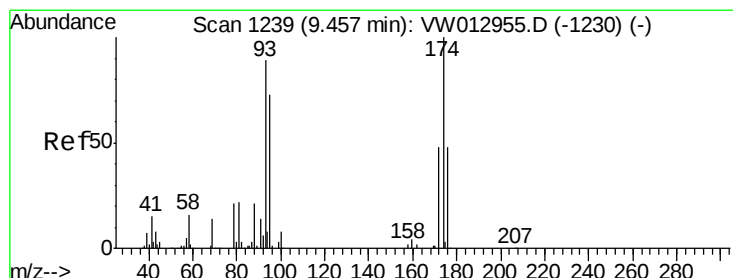
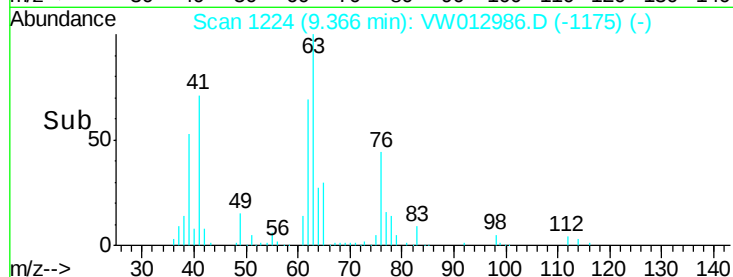
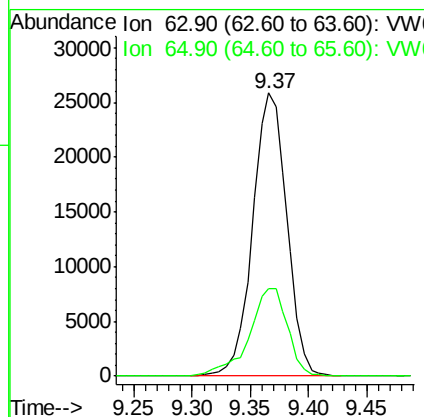
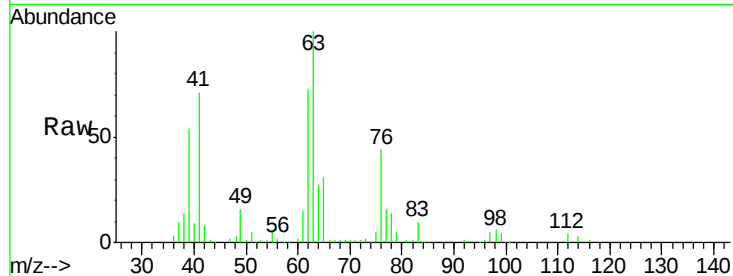
65 30.8 24.6 37.0

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MMDadoda

9/16/2019 11:14:30 AM



#46

Dibromomethane

Concen: 20.779 ug/l

RT: 9.46 min Scan# 1239

Delta R.T. -0.00 min

Lab File: VW012986.D

Acq: 14 Sep 2019 12:03

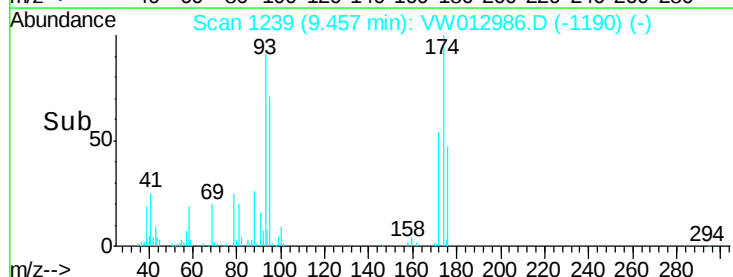
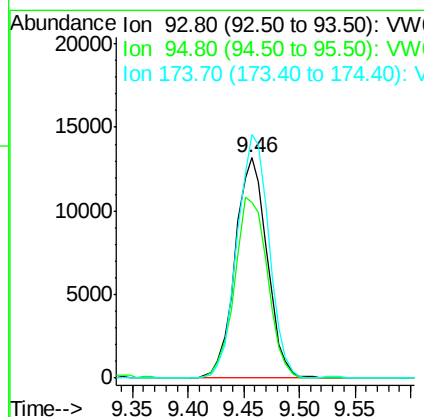
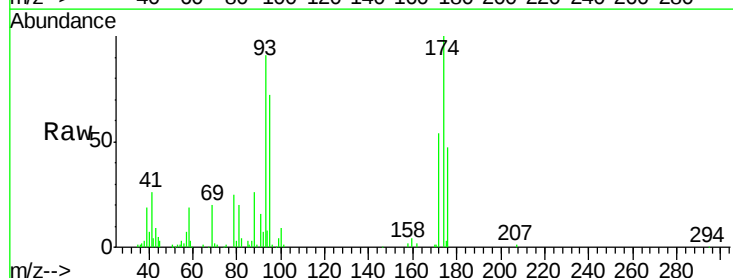
Tgt Ion: 93 Resp: 26234

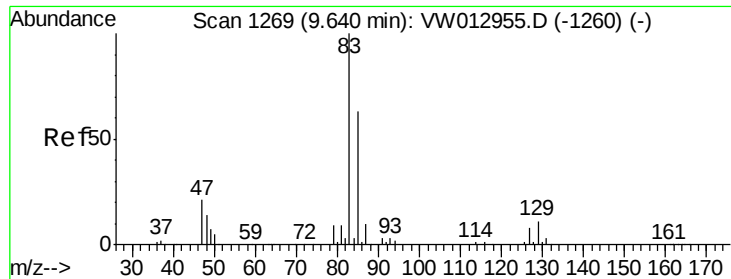
Ion Ratio Lower Upper

93 100

95 84.2 67.0 100.4

174 110.0 90.5 135.7





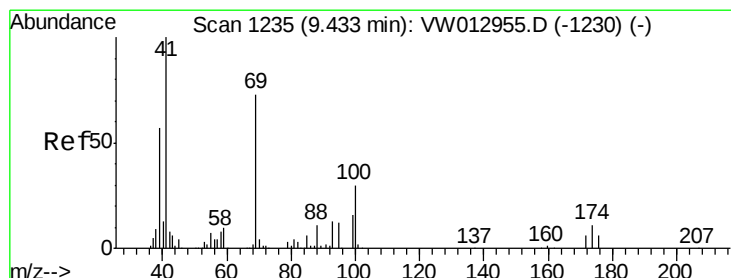
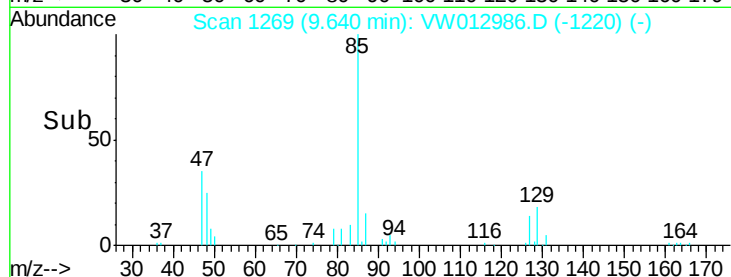
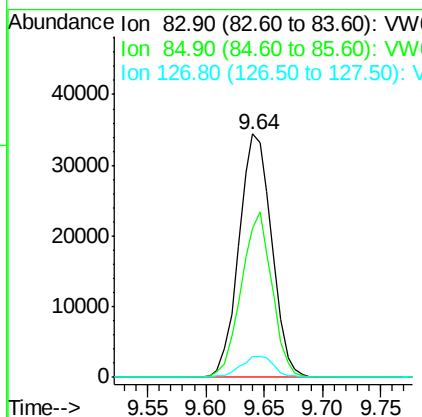
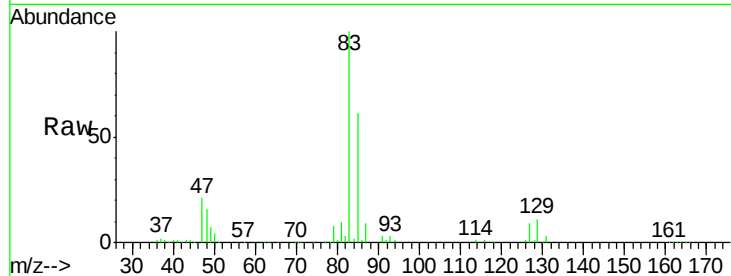
#47
 Bromodichloromethane
 Concen: 19.099 ug/l
 RT: 9.64 min Scan# 1269
 Delta R.T. -0.00 min
 Lab File: VW012986.D
 Acq: 14 Sep 2019 12:03

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0915SBS01

Tot Ion	83	Resp	67635
Ion Ratio	100	Lower	Upper
83	100		
85	61.1	50.6	75.8
127	8.7	6.7	10.1

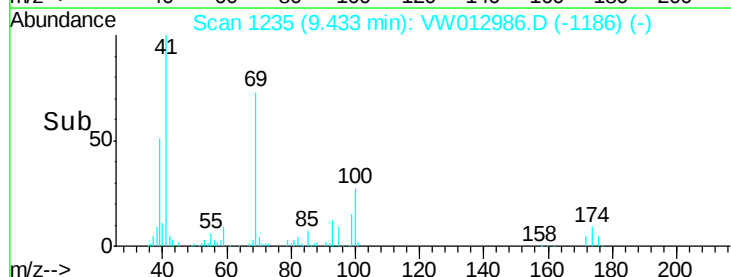
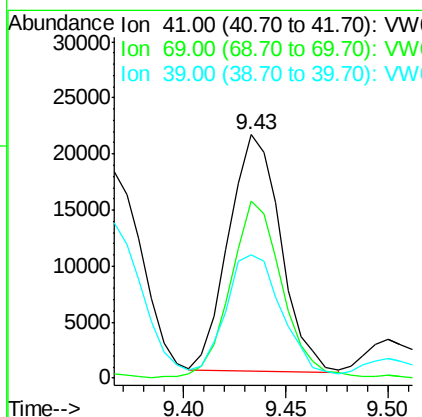
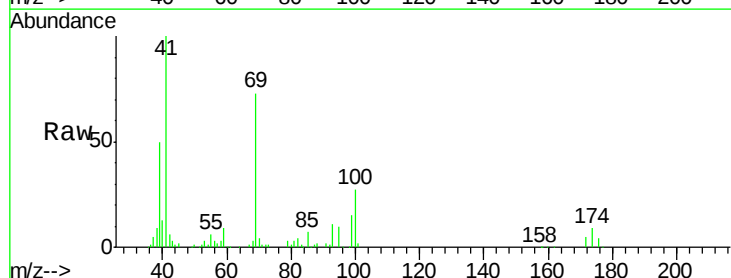
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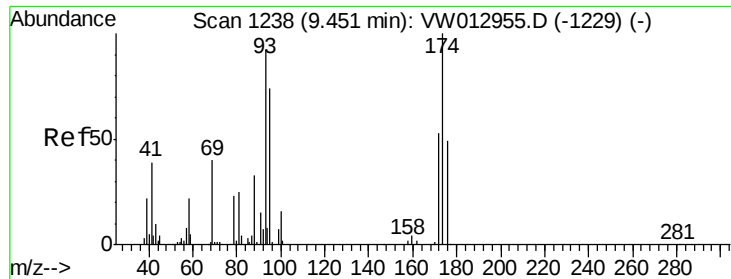
MMDadoda
 9/16/2019 11:14:30 AM



#48
 Methyl methacrylate
 Concen: 21.982 ug/l
 RT: 9.43 min Scan# 1235
 Delta R.T. -0.00 min
 Lab File: VW012986.D
 Acq: 14 Sep 2019 12:03

Tgt Ion	41	Resp	37354
Ion Ratio	100	Lower	Upper
41	100		
69	73.6	62.8	94.2
39	56.2	48.5	72.7





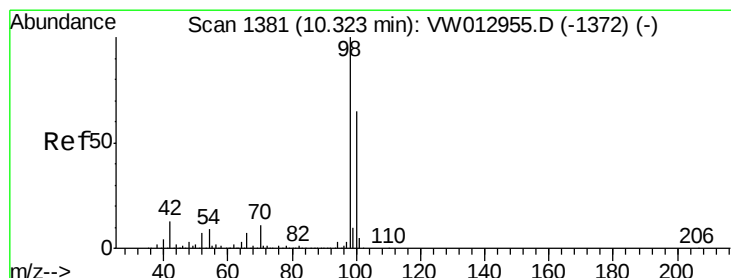
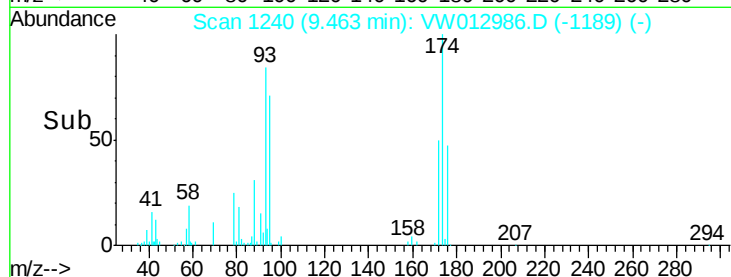
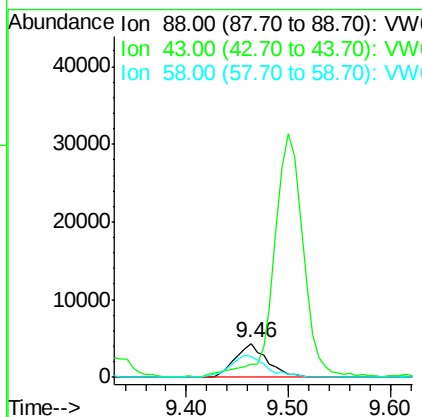
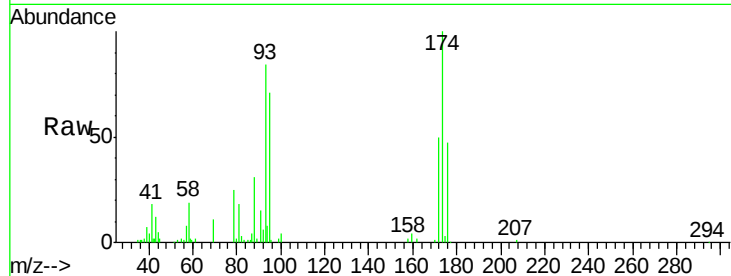
#49
1,4-Dioxane
Concen: 449.727 ug/l
RT: 9.46 min Scan# 1240
Delta R.T. 0.01 min
Lab File: VW012986.D
Acq: 14 Sep 2019 12:03

Instrument :
MSVOA_W
ClientSampleId :
VW0915SBSD01

Tot Ion	Ratio	Lower	Upper
88	100		
43	0.0	31.3	46.9#
58	75.8	60.2	90.2

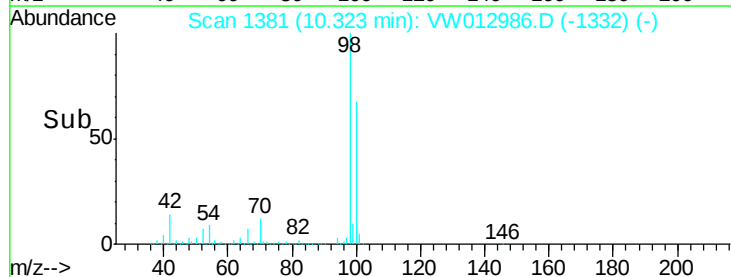
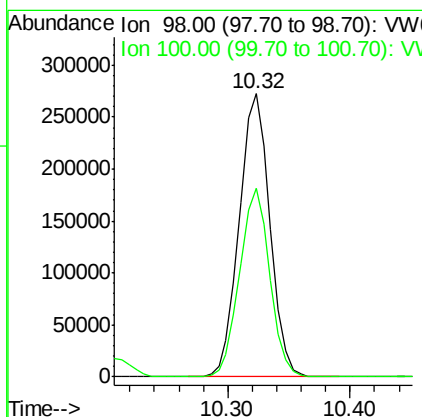
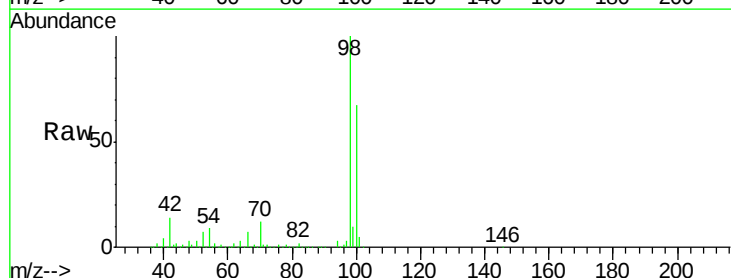
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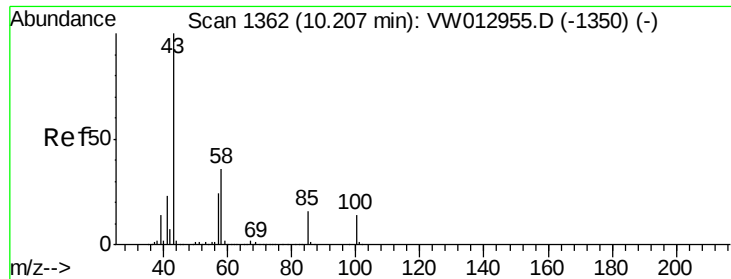
MMDadoda
9/16/2019 11:14:30 AM



#50
Toluene-d8
Concen: 50.124 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW012986.D
Acq: 14 Sep 2019 12:03

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.4	52.1	78.1





#51

4-Methyl-2-Pentanone

Concen: 112.098 ug/l

RT: 10.21 min Scan# 1362

Delta R.T. -0.00 min

Lab File: VW012986.D

Acq: 14 Sep 2019 12:03

Instrument :

MSVOA_W

ClientSampleId :

VW0915SBS01

Tot Ion: 43 Resp: 209552

Ion Ratio Lower Upper

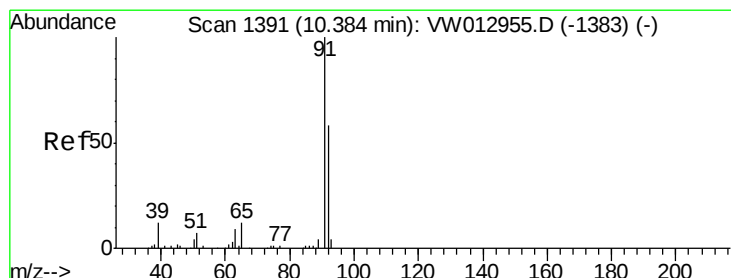
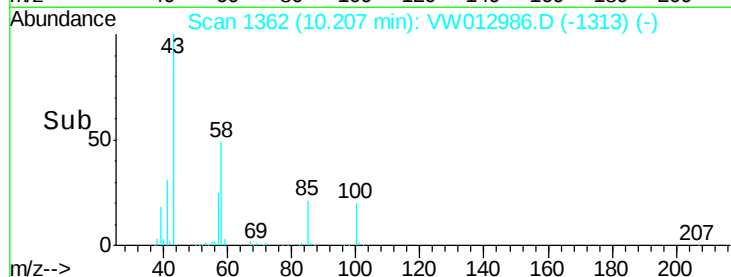
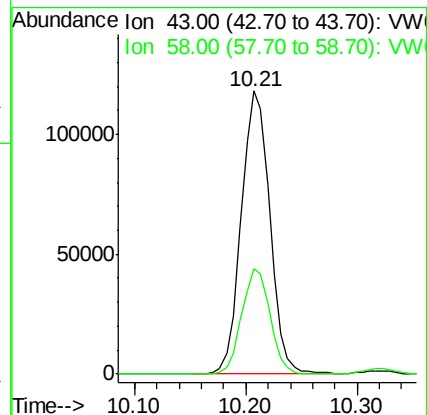
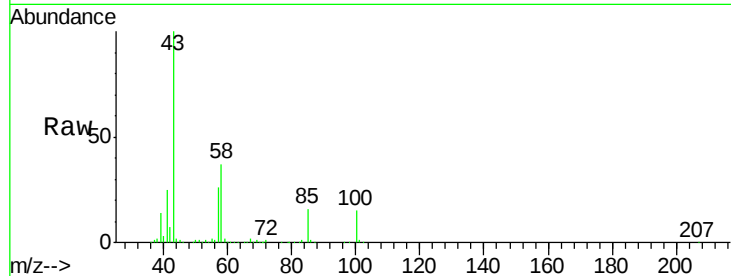
43 100

58 37.1 29.5 44.3

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9/16/2019 11:14:30 AM



#52

Toluene

Concen: 19.456 ug/l

RT: 10.38 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VW012986.D

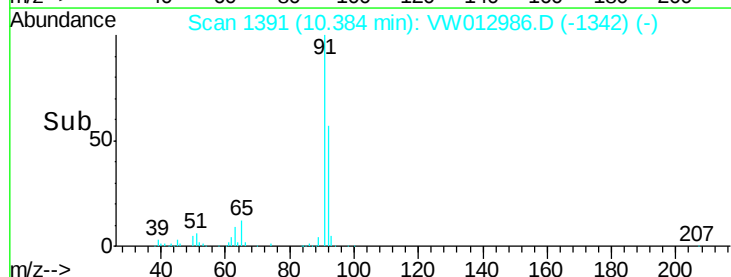
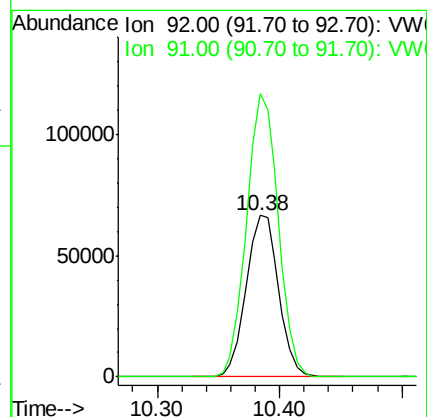
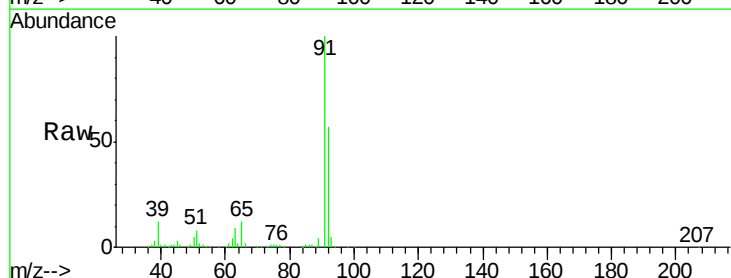
Acq: 14 Sep 2019 12:03

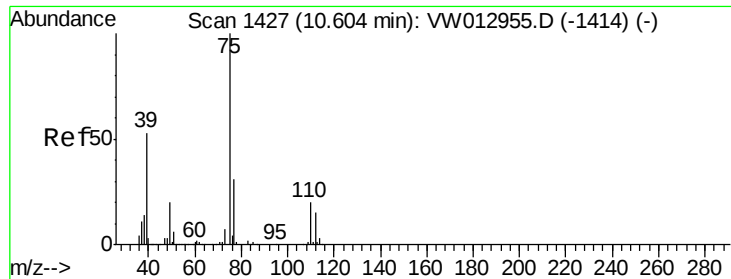
Tgt Ion: 92 Resp: 122624

Ion Ratio Lower Upper

92 100

91 171.5 137.5 206.3





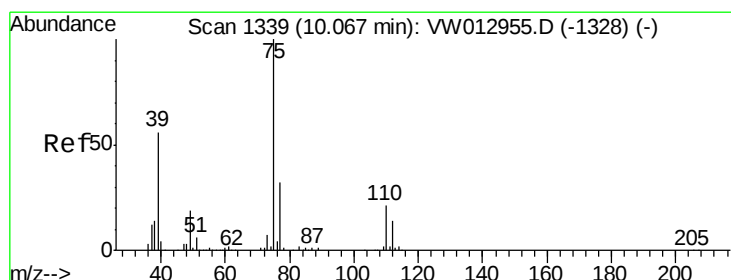
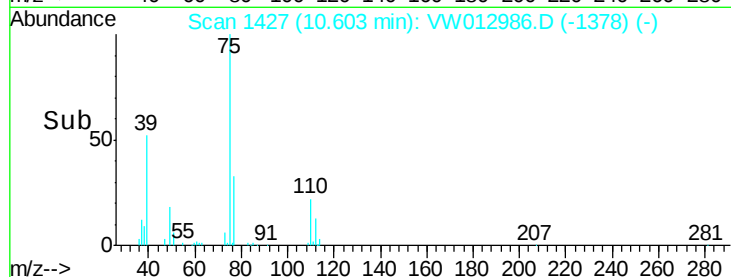
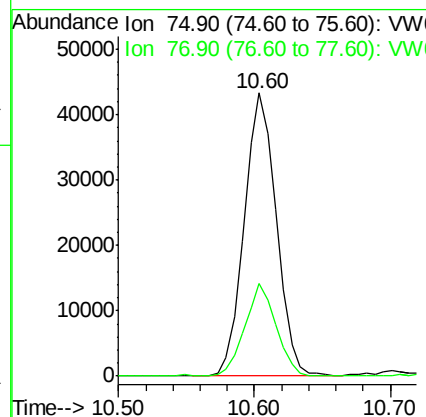
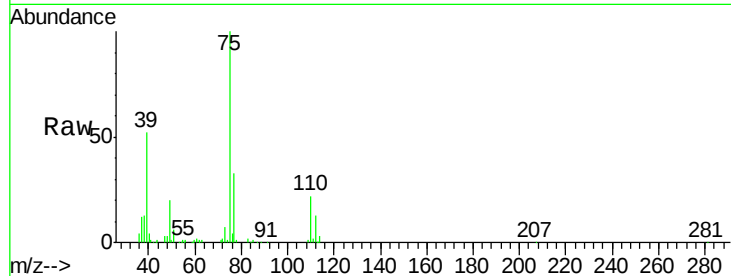
#53
t-1,3-Dichloropropene
Concen: 20.107 ug/l
RT: 10.60 min Scan# 1427
Delta R.T. -0.00 min
Lab File: VW012986.D
Acq: 14 Sep 2019 12:03

Instrument :
MSVOA_W
ClientSampleId :
VW0915SBSD01

Tot Ion	Ratio	Lower	Upper
75	100		
77	32.7	24.6	37.0

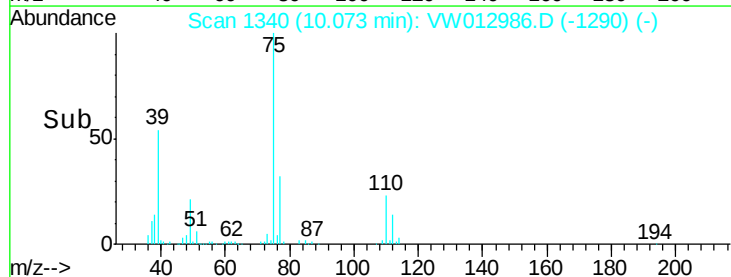
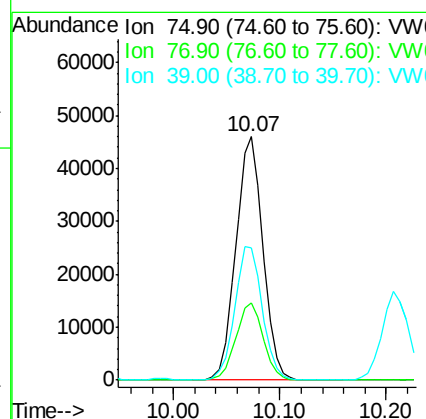
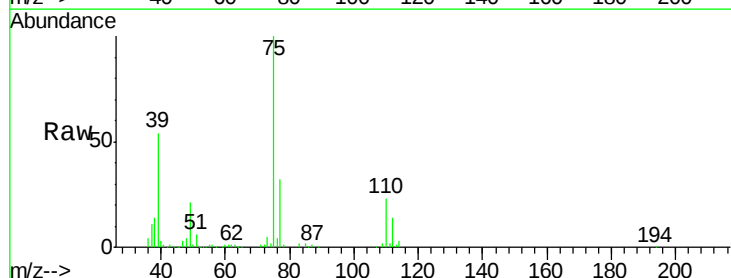
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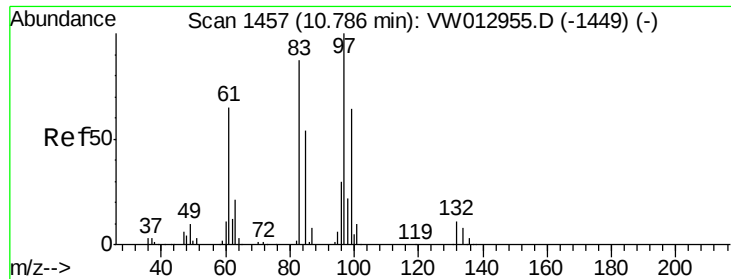
MMDadoda
9/16/2019 11:14:30 AM



#54
cis-1,3-Dichloropropene
Concen: 20.125 ug/l
RT: 10.07 min Scan# 1340
Delta R.T. 0.01 min
Lab File: VW012986.D
Acq: 14 Sep 2019 12:03

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.9	25.5	38.3
39	54.4	45.0	67.6





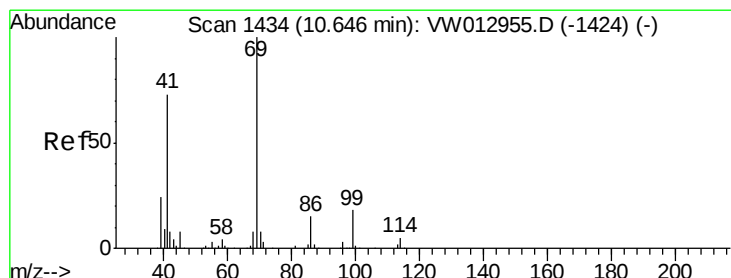
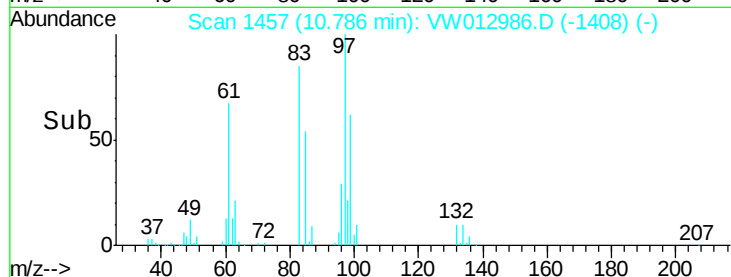
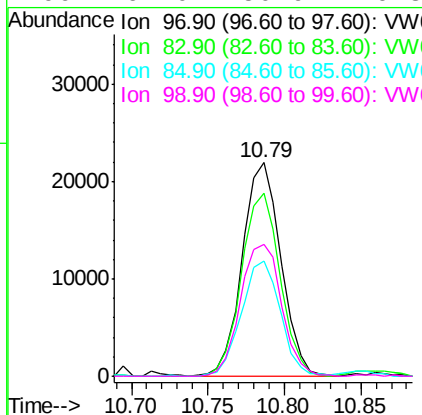
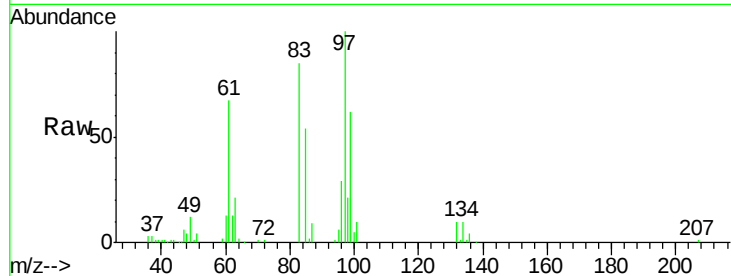
#55
 1,1,2-Trichloroethane
 Concen: 20.105 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.00 min
 Lab File: VW012986.D
 Acq: 14 Sep 2019 12:03

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0915SBS01

Tot Ion:	97	Resp:	38669
Ion	Ratio	Lower	Upper
97	100		
83	85.5	69.4	104.0
85	54.1	43.3	64.9
99	62.0	50.9	76.3

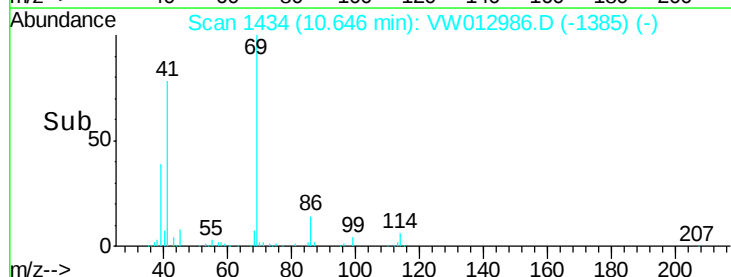
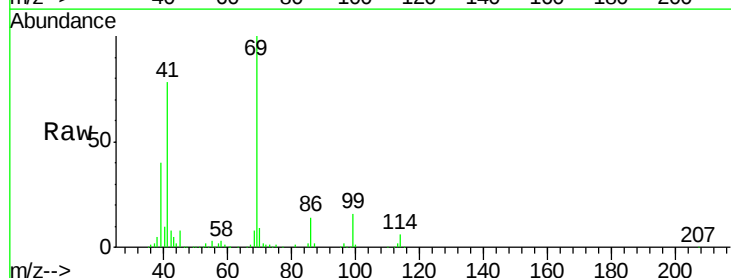
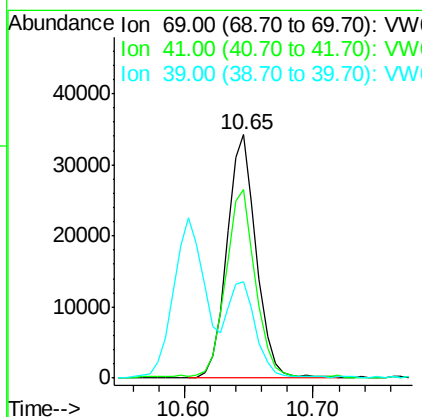
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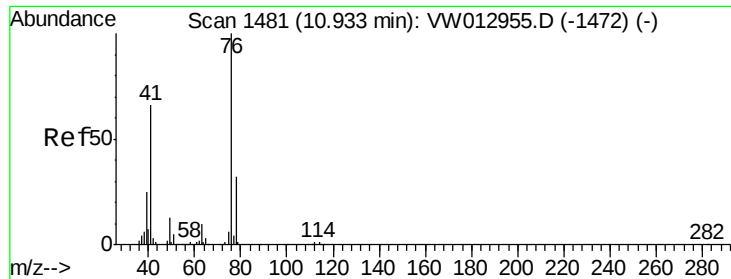
MMDadoda
 9/16/2019 11:14:30 AM



#56
 Ethyl methacrylate
 Concen: 20.960 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: VW012986.D
 Acq: 14 Sep 2019 12:03

Tgt Ion:	69	Resp:	54263
Ion	Ratio	Lower	Upper
69	100		
41	79.5	60.8	91.2
39	37.2	29.4	44.0





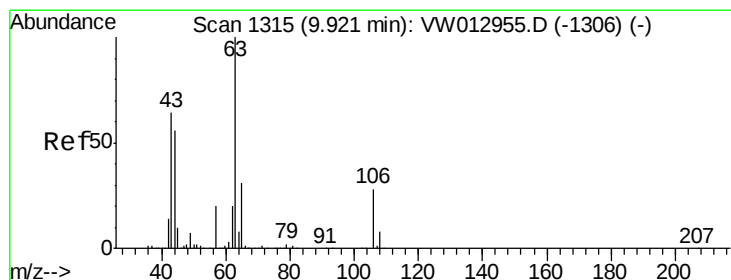
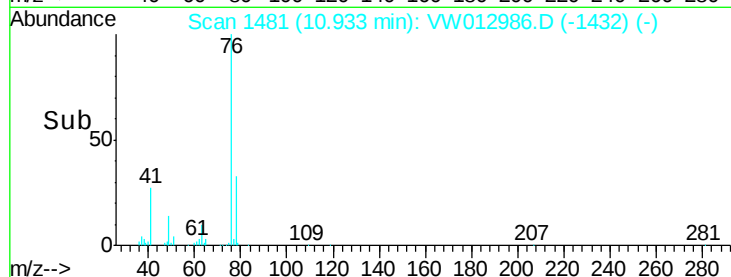
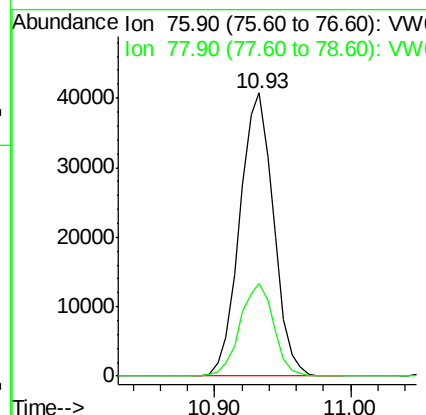
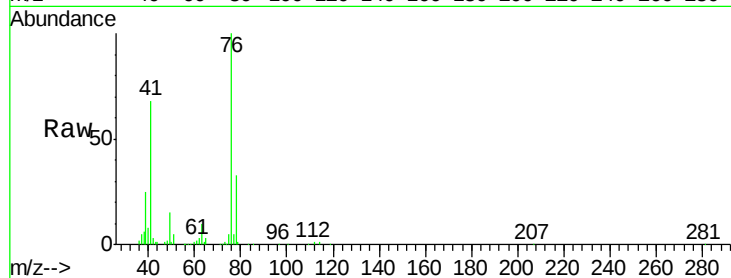
#57
 1,3-Dichloropropane
 Concen: 20.694 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: VW012986.D
 Acq: 14 Sep 2019 12:03

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0915SBSD01

Tot Ion: 76 Resp: 70605
 Ion Ratio Lower Upper
 76 100
 78 32.2 25.6 38.4

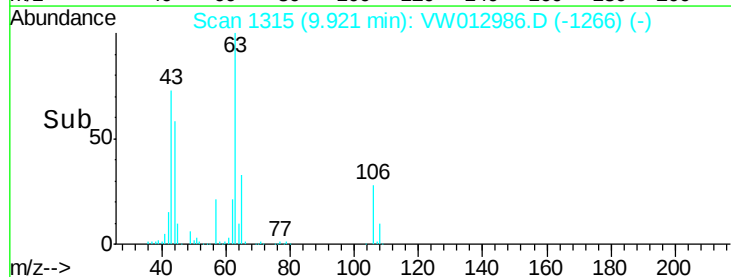
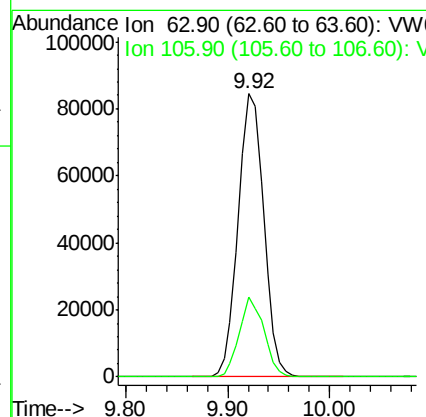
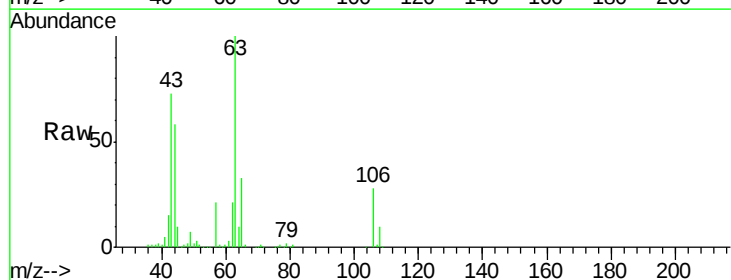
Manual Integrations
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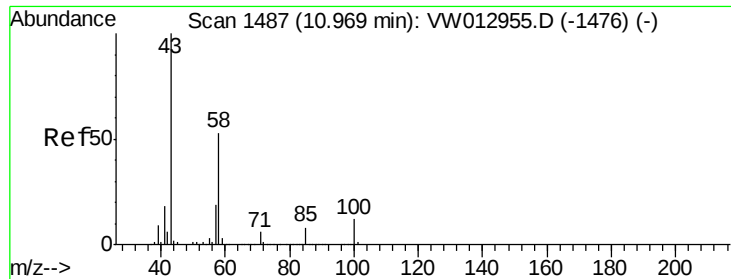
MMDadoda
 9/16/2019 11:14:30 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 105.966 ug/l
 RT: 9.92 min Scan# 1315
 Delta R.T. -0.00 min
 Lab File: VW012986.D
 Acq: 14 Sep 2019 12:03

Tgt Ion: 63 Resp: 147157
 Ion Ratio Lower Upper
 63 100
 106 27.3 22.2 33.2





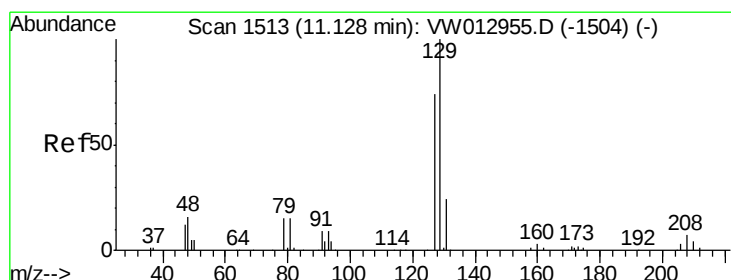
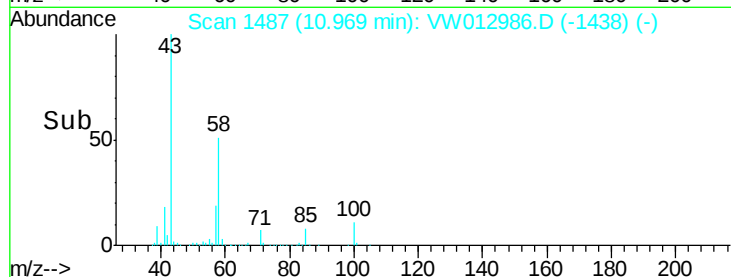
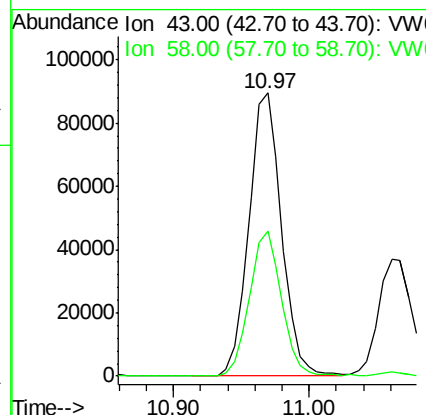
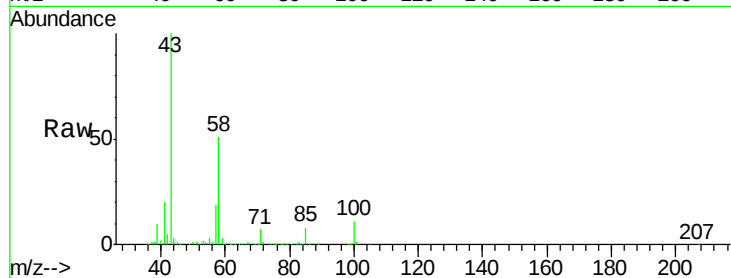
#59
2-Hexanone
Concen: 115.317 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VW012986.D
Acq: 14 Sep 2019 12:03

Instrument :
MSVOA_W
ClientSampleId :
VW0915SBSD01

Tot Ion: 43 Resp: 150103
Ion Ratio Lower Upper
43 100
58 50.4 25.8 77.3

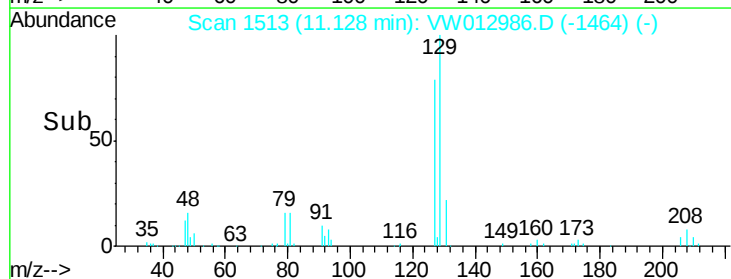
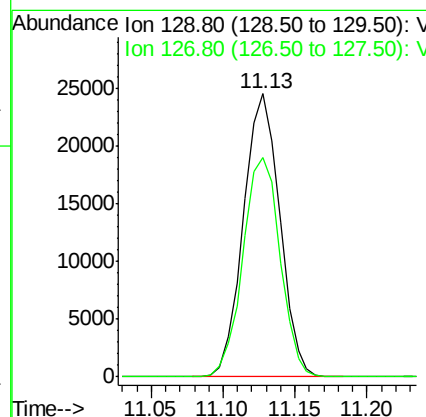
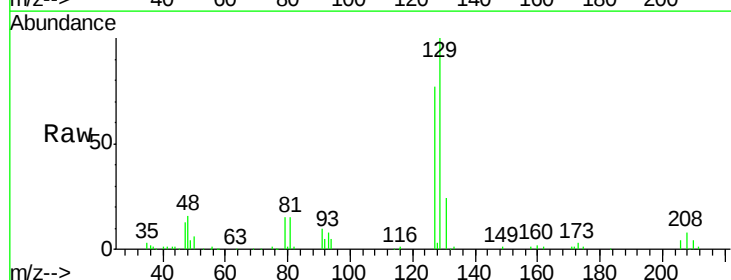
Manual Integrations
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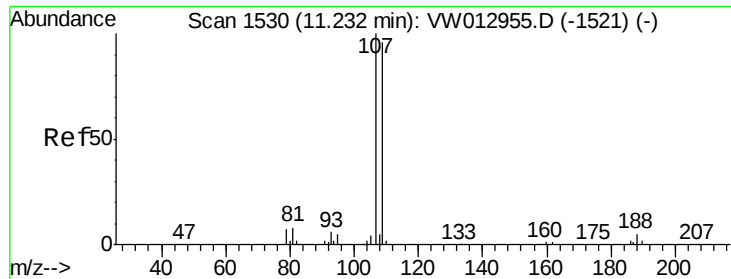
MMDadoda
9/16/2019 11:14:30 AM



#60
Dibromochloromethane
Concen: 18.458 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW012986.D
Acq: 14 Sep 2019 12:03

Tgt Ion: 129 Resp: 42919
Ion Ratio Lower Upper
129 100
127 79.1 37.4 112.2





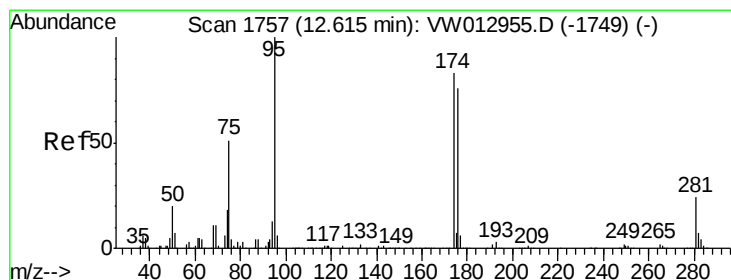
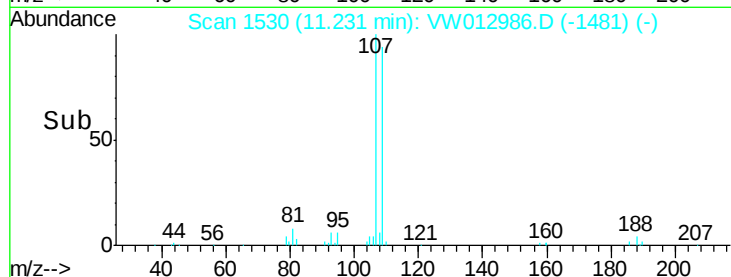
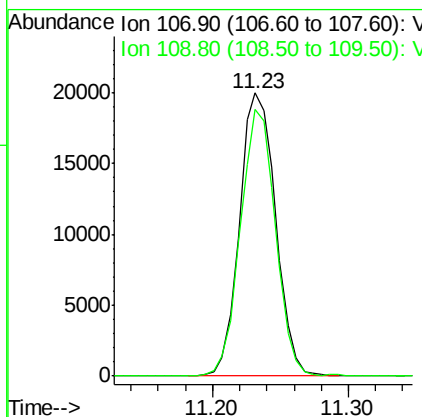
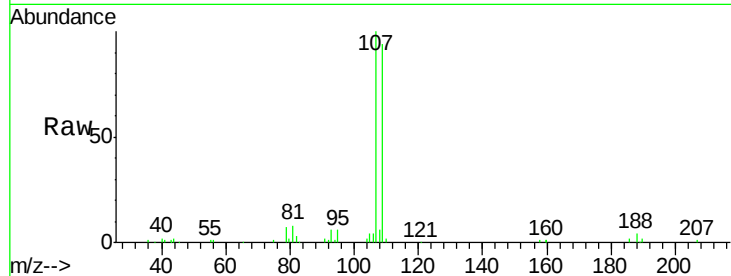
#61
 1,2-Dibromoethane
 Concen: 21.085 ug/l
 RT: 11.23 min Scan# 1530
 Delta R.T. -0.00 min
 Lab File: VW012986.D
 Acq: 14 Sep 2019 12:03

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0915SBSD01

Tot Ion: 107 Resp: 36993
 Ion Ratio Lower Upper
 107 100
 109 91.6 75.0 112.6

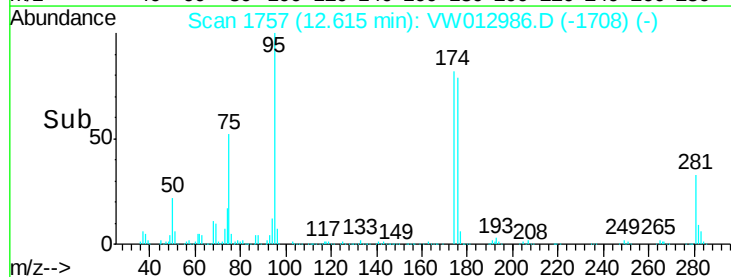
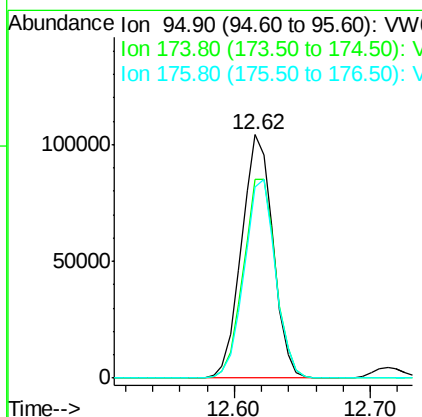
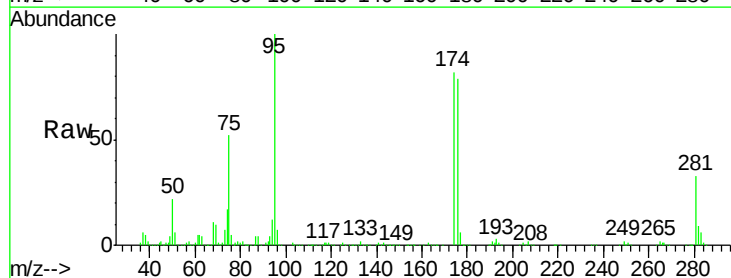
Manual Integrations
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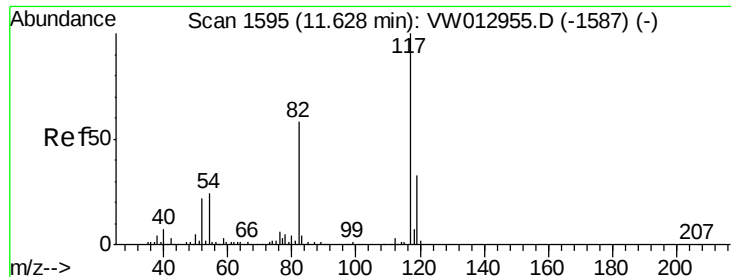
MMDadoda
 9/16/2019 11:14:30 AM



#62
 4-Bromofluorobenzene
 Concen: 49.530 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. -0.00 min
 Lab File: VW012986.D
 Acq: 14 Sep 2019 12:03

Tgt Ion: 95 Resp: 168135
 Ion Ratio Lower Upper
 95 100
 174 84.2 0.0 170.4
 176 81.3 0.0 164.6





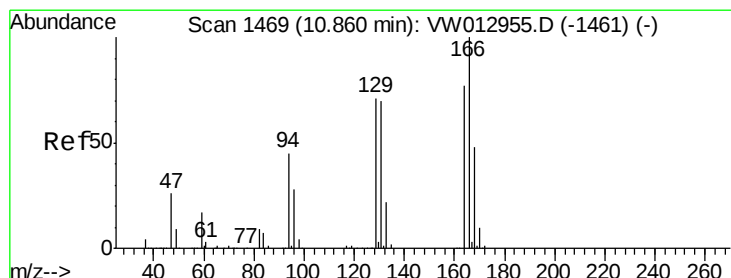
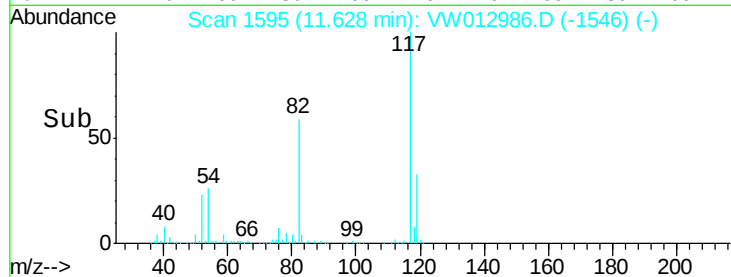
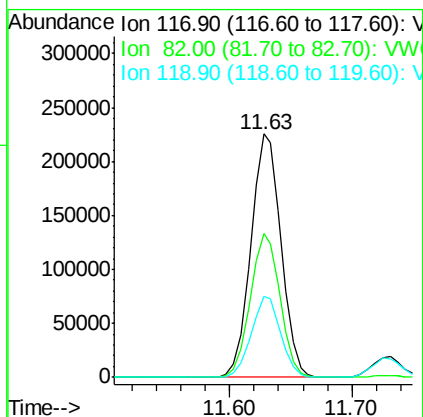
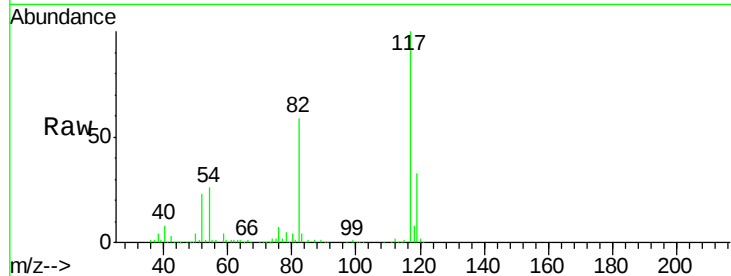
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.00 min
Lab File: VW012986.D
Acq: 14 Sep 2019 12:03

Instrument :
MSVOA_W
ClientSampleId :
VW0915SBSD01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	385688		
82	59.3	46.3	69.5	
119	33.3	26.2	39.4	

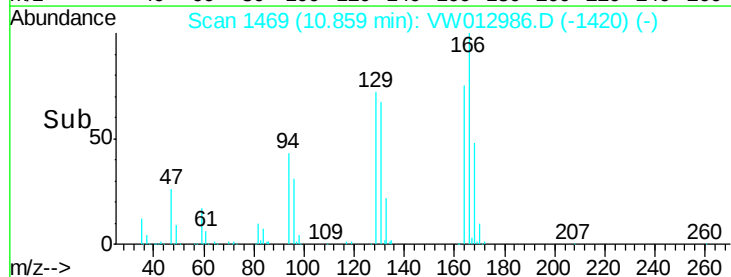
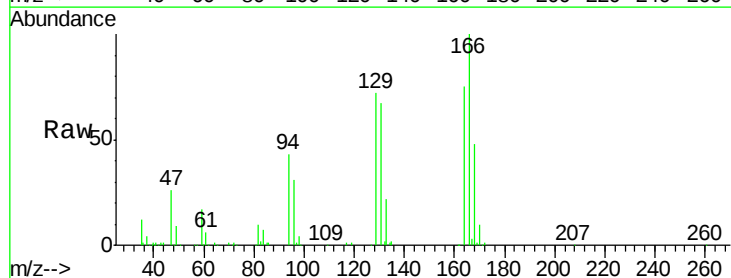
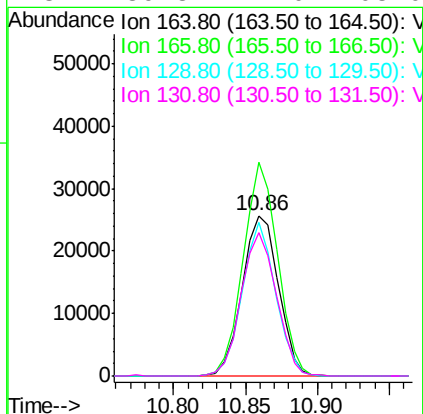
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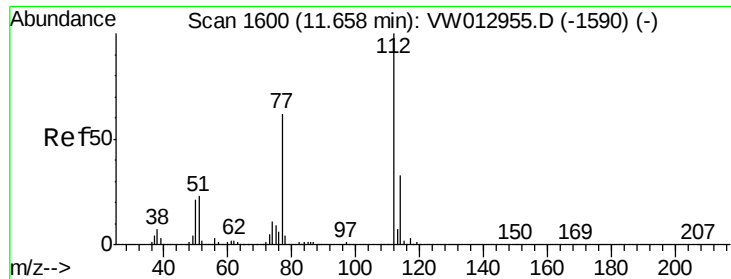
MMDadoda
9/16/2019 11:14:30 AM



#64
Tetrachloroethene
Concen: 19.399 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VW012986.D
Acq: 14 Sep 2019 12:03

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	44511		
166	133.3	103.3	154.9	
129	96.0	73.8	110.8	
131	89.8	72.0	108.0	





#65

Chlorobenzene

Concen: 19.052 ug/l

RT: 11.65 min Scan# 1599

Delta R.T. -0.01 min

Lab File: VW012986.D

Acq: 14 Sep 2019 12:03

Instrument :

MSVOA_W

ClientSampleId :

VW0915SBS01

Tot Ion:112 Resp: 130889

Ion Ratio Lower Upper

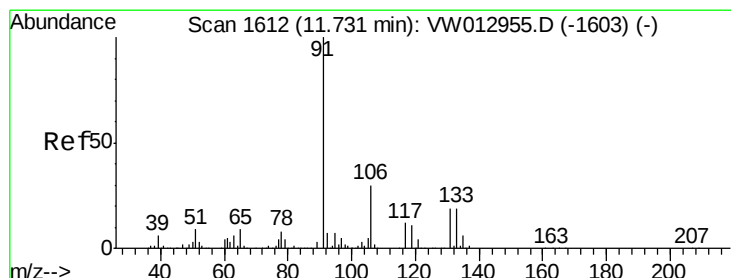
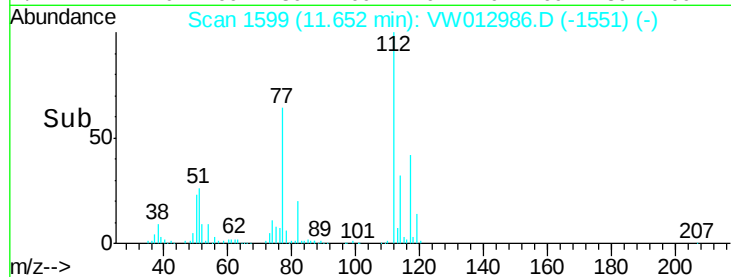
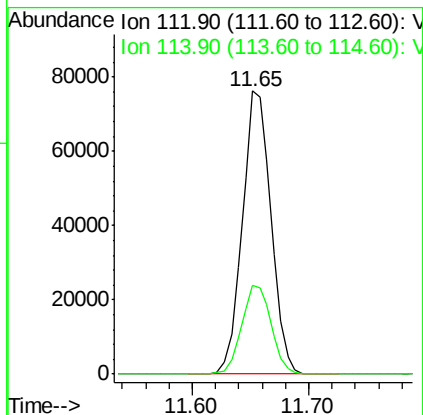
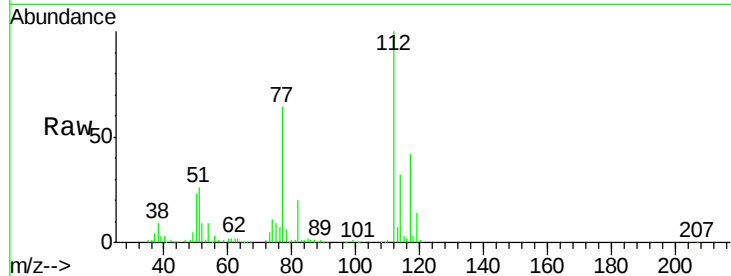
112 100

114 31.6 26.4 39.6

Manual Integrations
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#66

1,1,1,2-Tetrachloroethane

Concen: 18.707 ug/l

RT: 11.73 min Scan# 1612

Delta R.T. -0.00 min

Lab File: VW012986.D

Acq: 14 Sep 2019 12:03

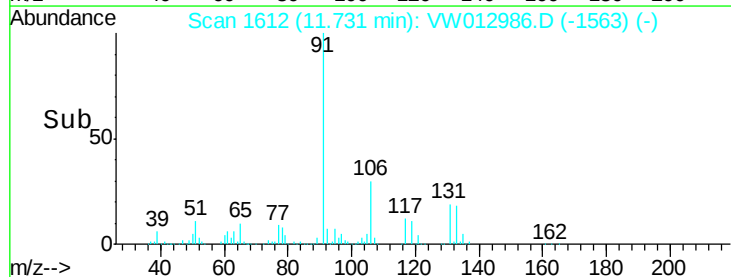
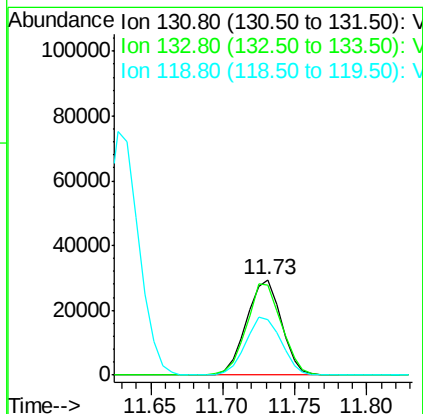
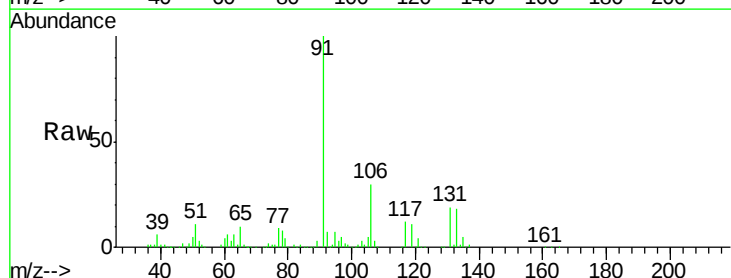
Tgt Ion:131 Resp: 49249

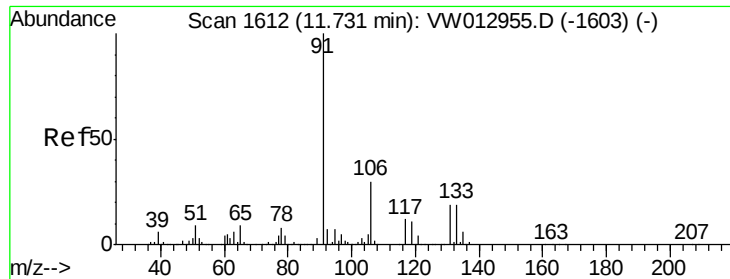
Ion Ratio Lower Upper

131 100

133 96.6 47.9 143.8

119 62.4 30.9 92.7





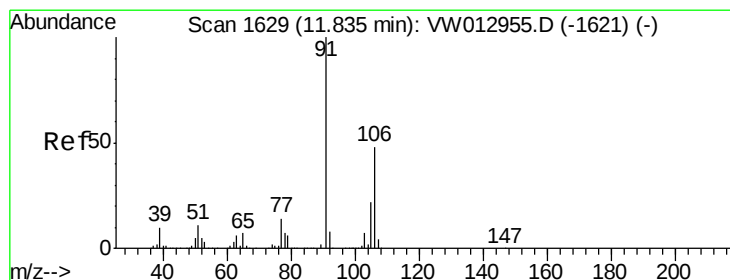
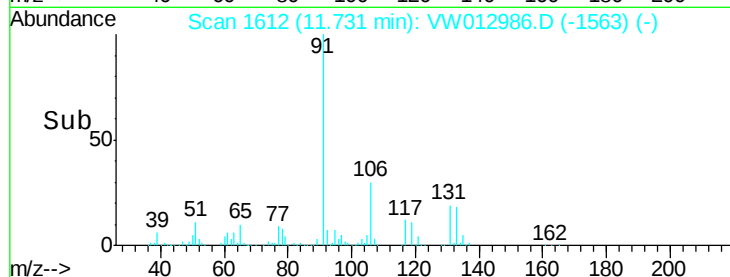
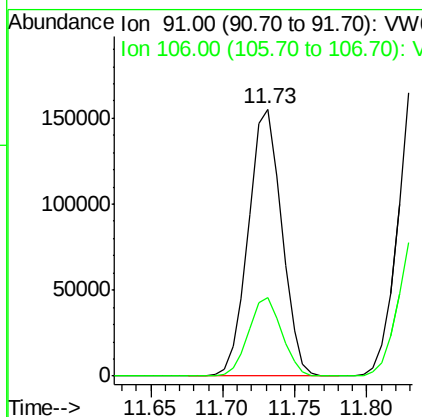
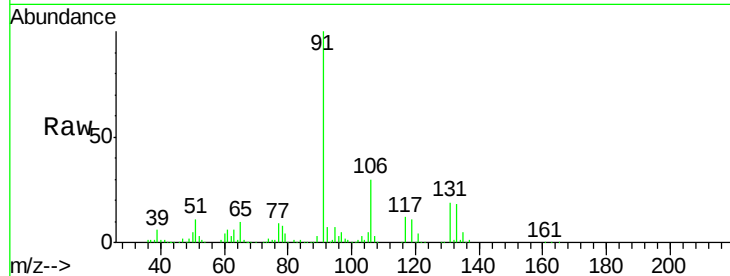
#67
Ethyl Benzene
Concen: 19.599 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW012986.D
Acq: 14 Sep 2019 12:03

Instrument :
MSVOA_W
ClientSampled :
VW0915SBS01

Tot Ion: 91 Resp: 248675
Ion Ratio Lower Upper
91 100
106 29.6 24.3 36.5

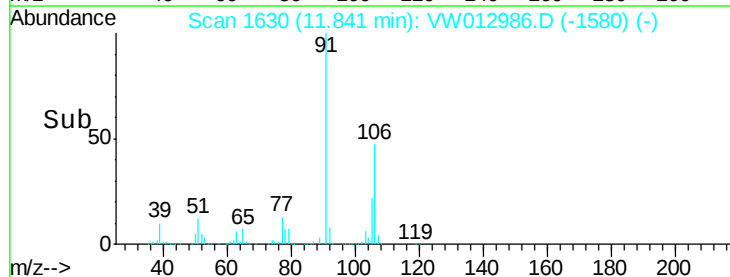
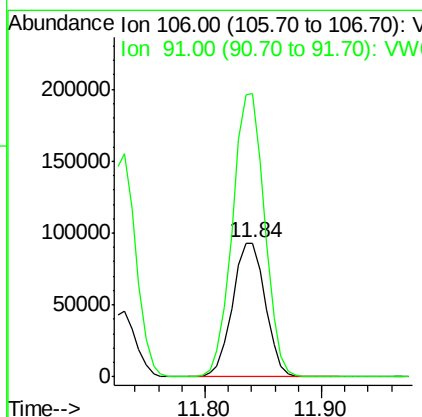
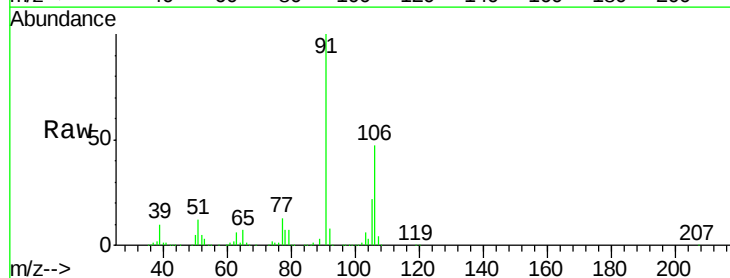
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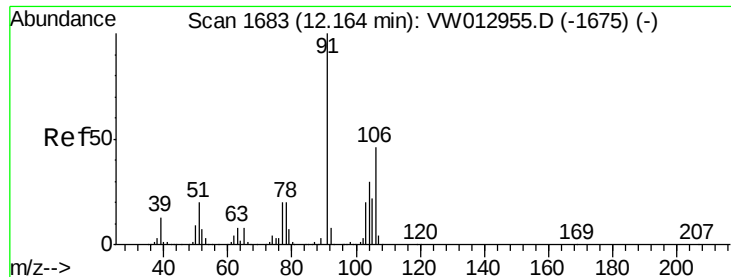
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#68
m/p-Xylenes
Concen: 39.461 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.01 min
Lab File: VW012986.D
Acq: 14 Sep 2019 12:03

Tgt Ion: 106 Resp: 182906
Ion Ratio Lower Upper
106 100
91 207.0 165.8 248.8





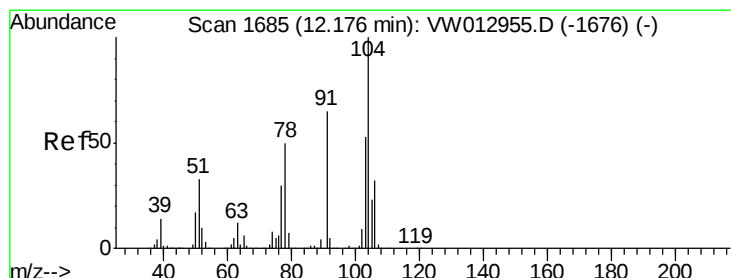
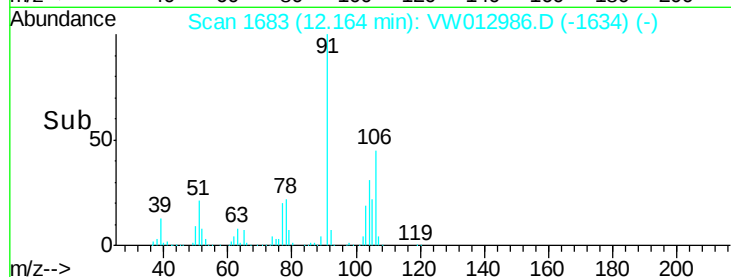
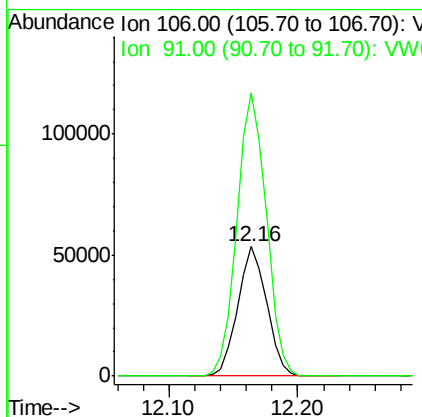
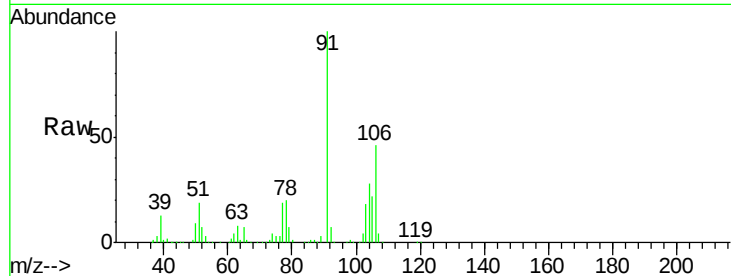
#69
o-Xylene
Concen: 19.241 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.00 min
Lab File: VW012986.D
Acq: 14 Sep 2019 12:03

Instrument :
MSVOA_W
ClientSampleId :
VW0915SBSD01

Tot Ion:106 Resp: 83610
Ion Ratio Lower Upper
106 100
91 221.3 109.7 329.0

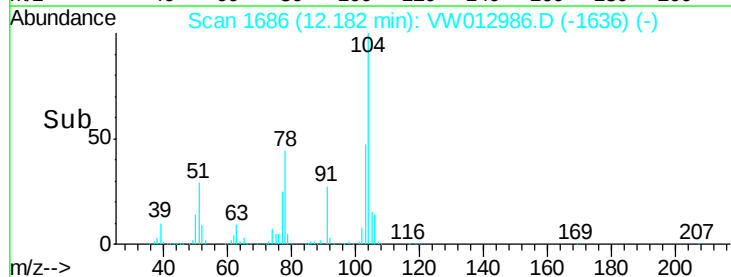
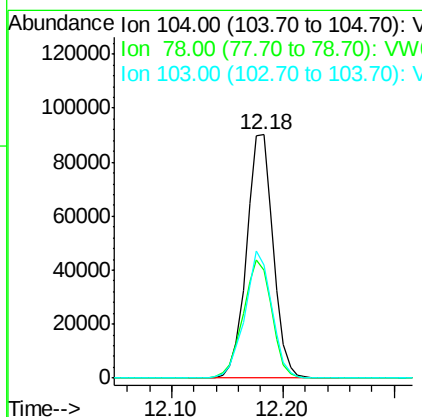
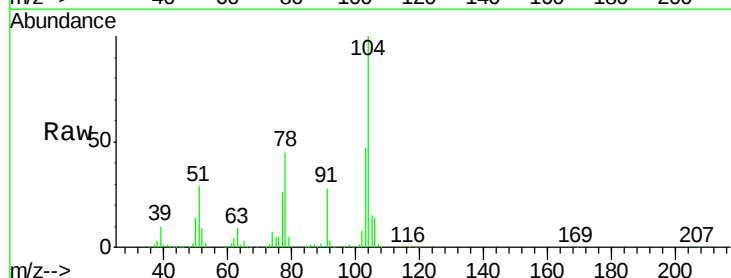
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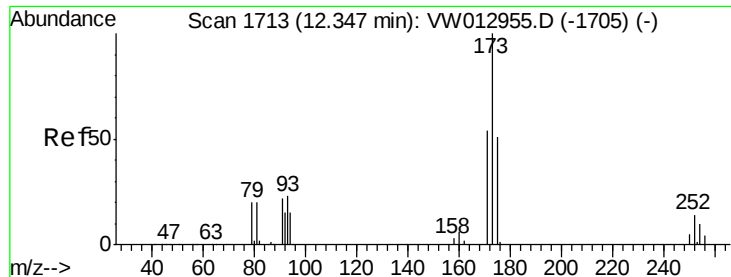
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#70
Styrene
Concen: 19.396 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.01 min
Lab File: VW012986.D
Acq: 14 Sep 2019 12:03

Tgt Ion:104 Resp: 149934
Ion Ratio Lower Upper
104 100
78 52.0 42.1 63.1
103 53.0 44.2 66.4





#71

Bromoform

Concen: 19.786 ug/l

RT: 12.35 min Scan# 1713

Delta R.T. -0.00 min

Lab File: VW012986.D

Acq: 14 Sep 2019 12:03

Instrument :

MSVOA_W

ClientSampleId :

VW0915SBSD01

Tot Ion:173 Resp: 27361

Ion Ratio Lower Upper

173 100

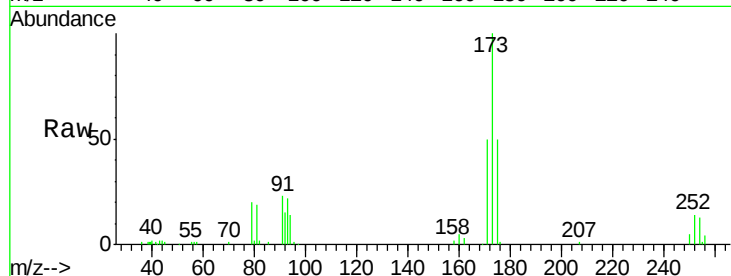
175 50.3 24.2 72.6

254 0.3 0.1 0.1#

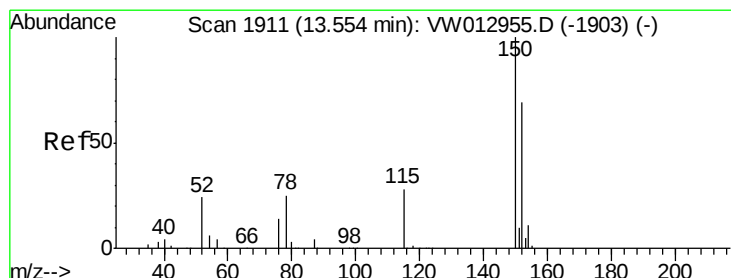
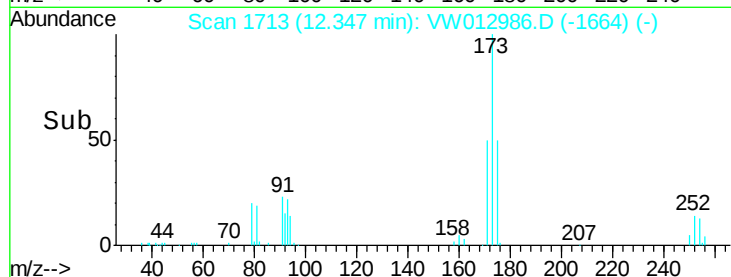
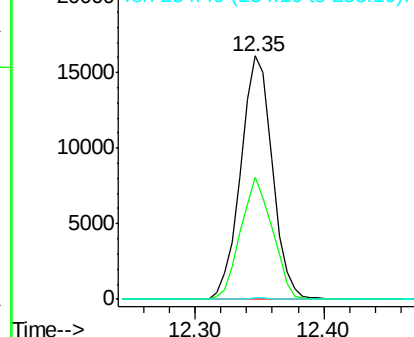
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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.55 min Scan# 1911

Delta R.T. -0.00 min

Lab File: VW012986.D

Acq: 14 Sep 2019 12:03

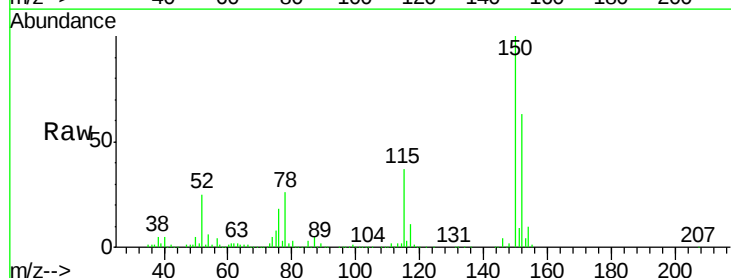
Tgt Ion:152 Resp: 188803

Ion Ratio Lower Upper

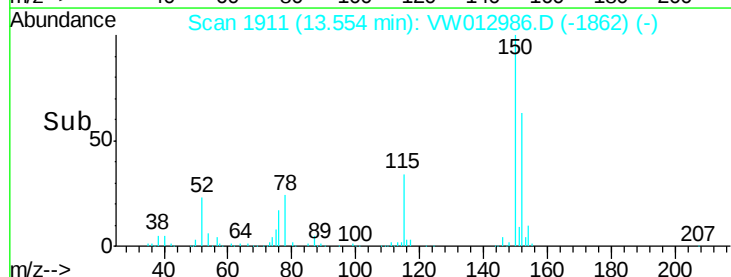
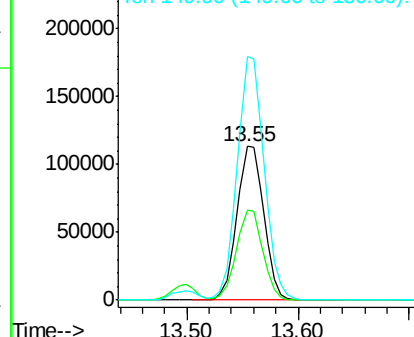
152 100

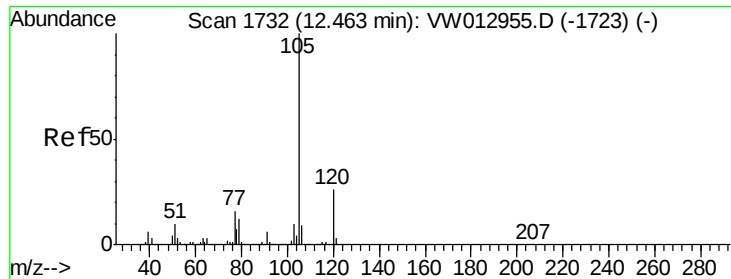
115 57.4 28.8 86.4

150 160.0 0.0 340.2



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: 19.325 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. -0.00 min

Lab File: VW012986.D

Acq: 14 Sep 2019 12:03

Instrument :

MSVOA_W

ClientSampled :

VW0915SBS01

Tot Ion: 105 Resp: 241845

Ion Ratio Lower Upper

105 100

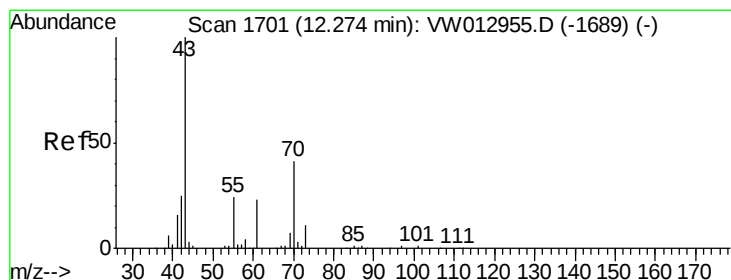
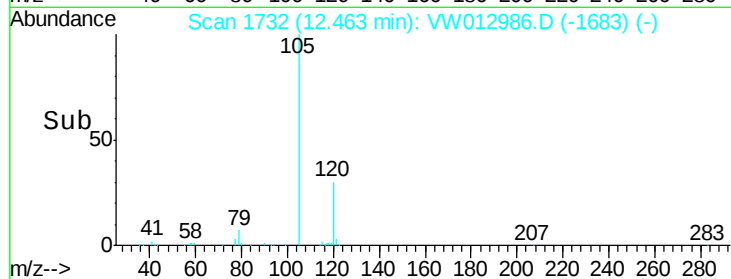
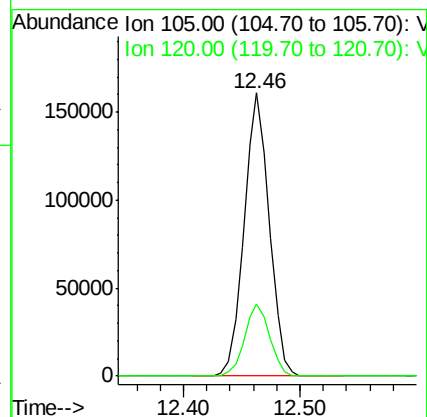
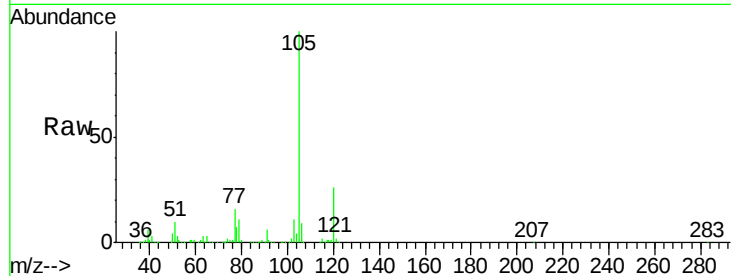
120 25.6 13.0 39.0

Manual Integrations

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#74

N-ethyl acetate

Concen: 20.773 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. -0.00 min

Lab File: VW012986.D

Acq: 14 Sep 2019 12:03

Tgt Ion: 43 Resp: 66874

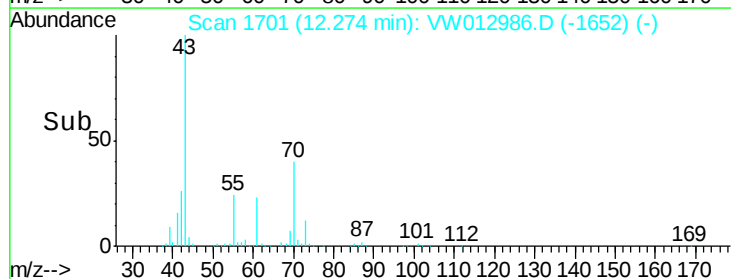
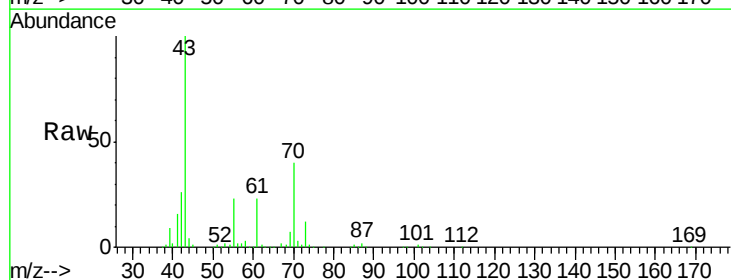
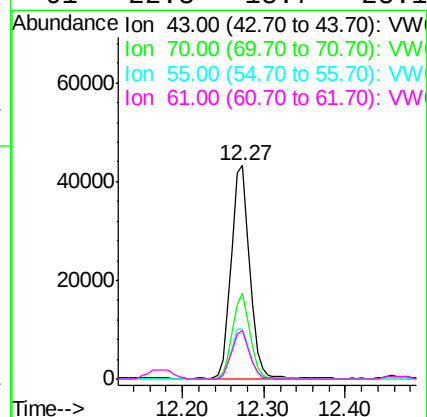
Ion Ratio Lower Upper

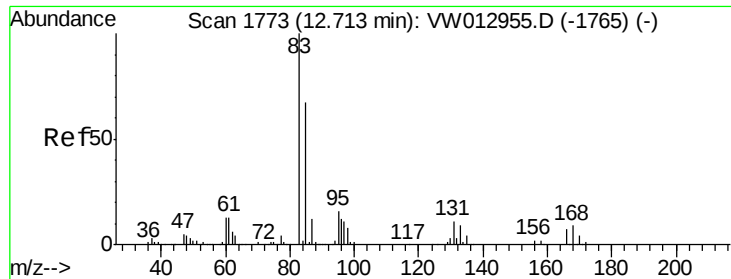
43 100

70 39.0 31.7 47.5

55 23.8 19.4 29.2

61 22.3 18.7 28.1





#75

1,1,2,2-Tetrachloroethane

Concen: 20.580 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. -0.00 min

Lab File: VW012986.D

Acq: 14 Sep 2019 12:03

Instrument :

MSVOA_W

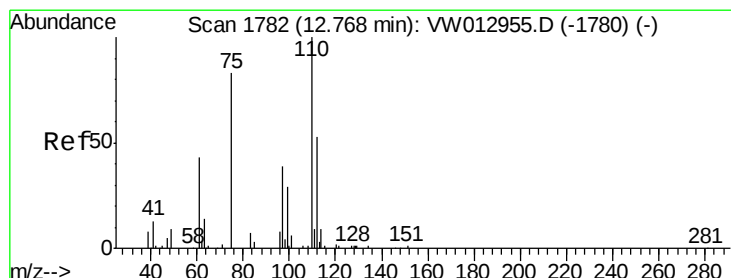
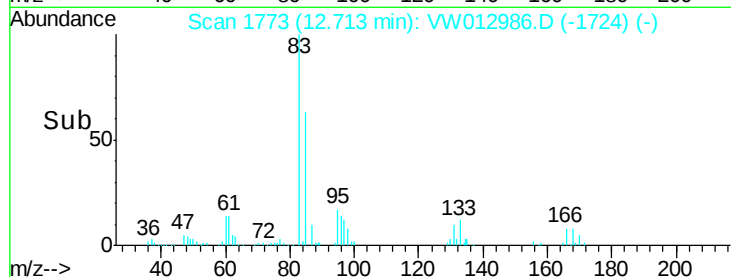
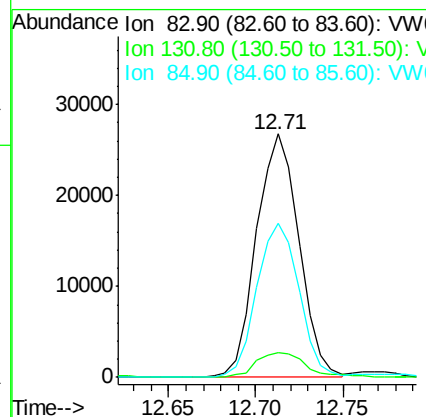
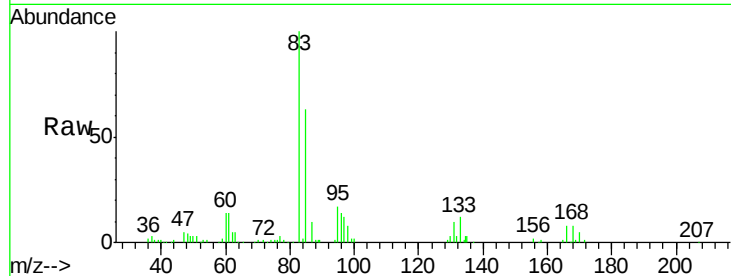
ClientSampleId :

VW0915SBSD01

Tot Ion:	83	Resp:	45235
Ion	Ratio	Lower	Upper
83	100		
131	11.8	5.7	17.1
85	62.9	31.4	94.3

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#76

1,2,3-Trichloropropane

Concen: 19.208 ug/l m

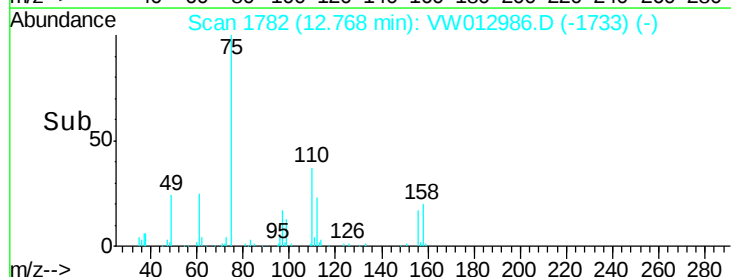
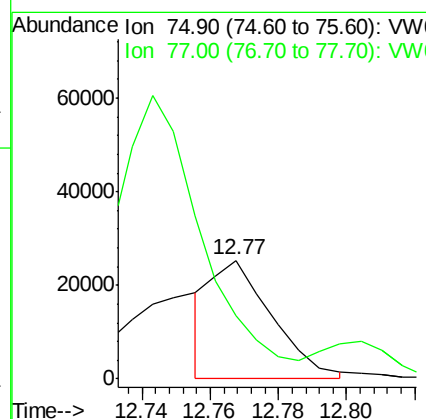
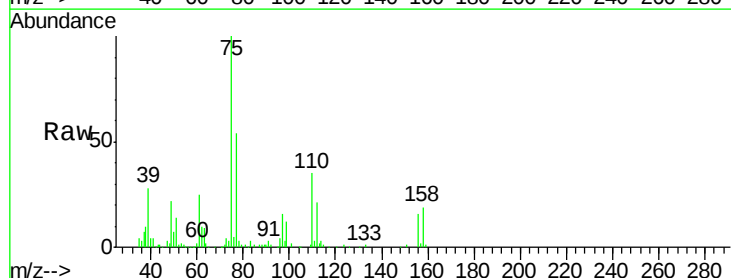
RT: 12.77 min Scan# 1782

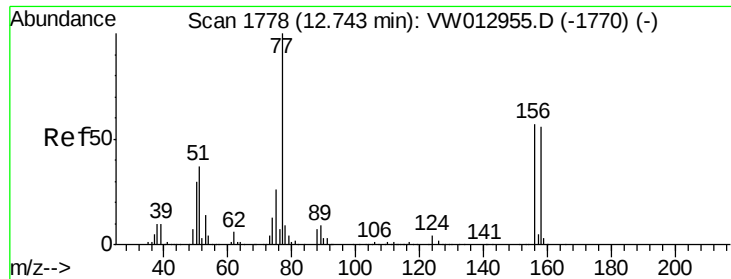
Delta R.T. -0.00 min

Lab File: VW012986.D

Acq: 14 Sep 2019 12:03

Tgt Ion:	75	Resp:	31765
Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 19.442 ug/l

RT: 12.74 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VW012986.D

Acq: 14 Sep 2019 12:03

Instrument :

MSVOA_W

ClientSampleId :

VW0915SBS01

Tot Ion:156 Resp: 56052

Ion Ratio Lower Upper

156 100

77 195.0 95.2 285.6

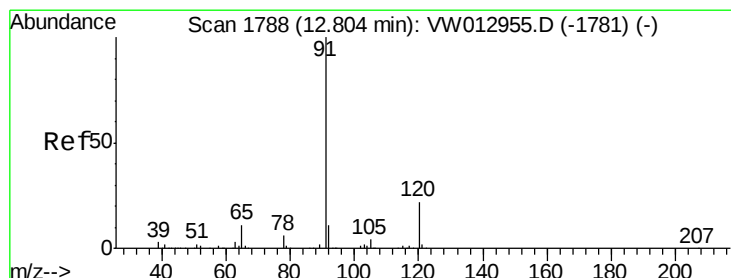
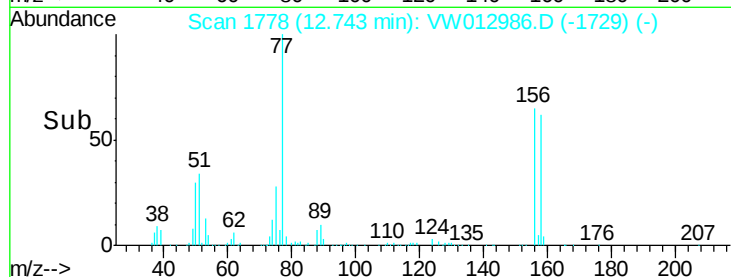
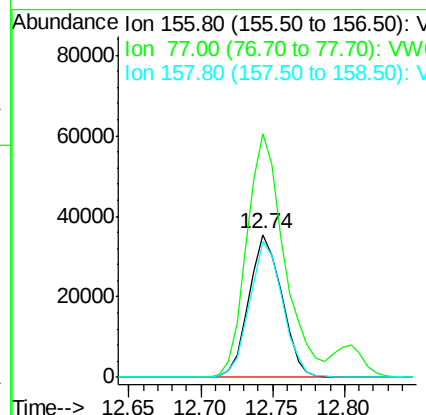
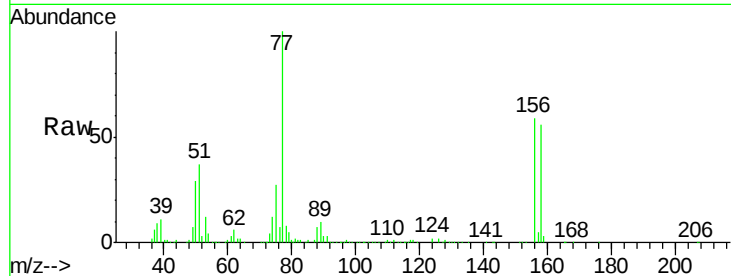
158 95.7 49.0 147.2

Manual Integrations

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#78

n-propylbenzene

Concen: 19.340 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. -0.00 min

Lab File: VW012986.D

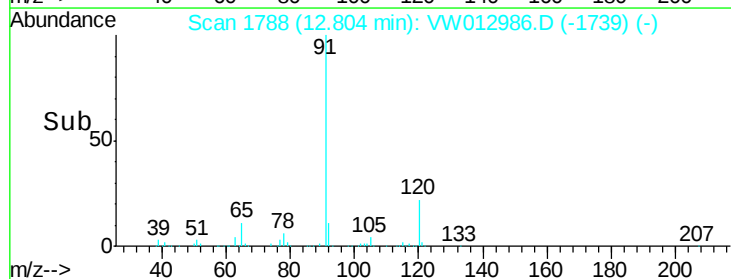
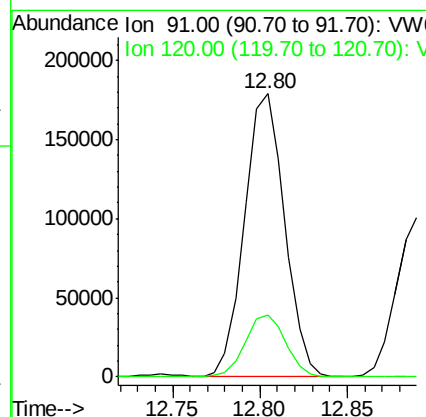
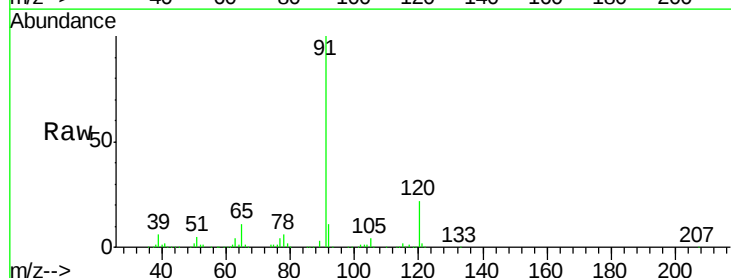
Acq: 14 Sep 2019 12:03

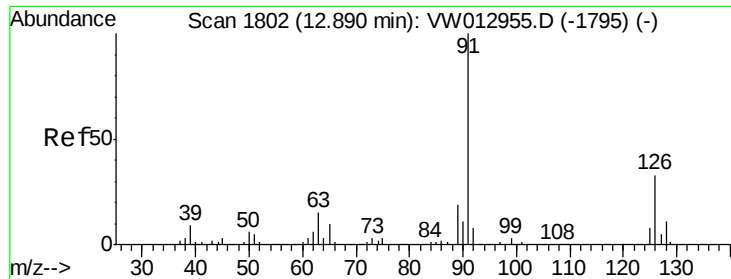
Tgt Ion: 91 Resp: 284702

Ion Ratio Lower Upper

91 100

120 22.1 11.2 33.5





#79

2-Chlorotoluene

Concen: 19.803 ug/l

RT: 12.89 min Scan# 1802

Delta R.T. -0.00 min

Lab File: VW012986.D

Acq: 14 Sep 2019 12:03

Instrument :

MSVOA_W

ClientSampleId :

VW0915SBS01

Tot Ion: 91 Resp: 167580

Ion Ratio Lower Upper

91 100

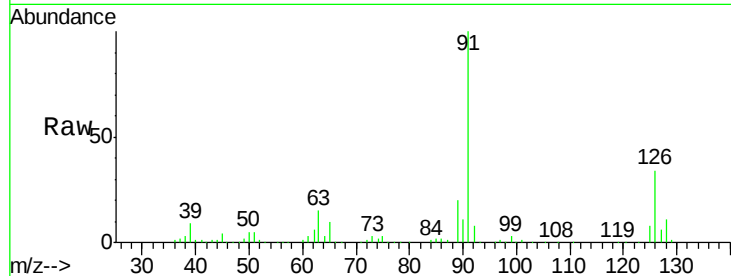
126 32.9 16.5 49.5

Manual Integrations

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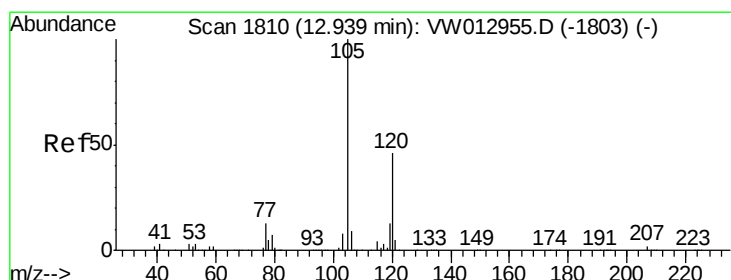
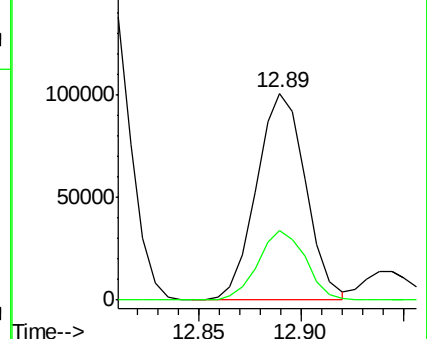
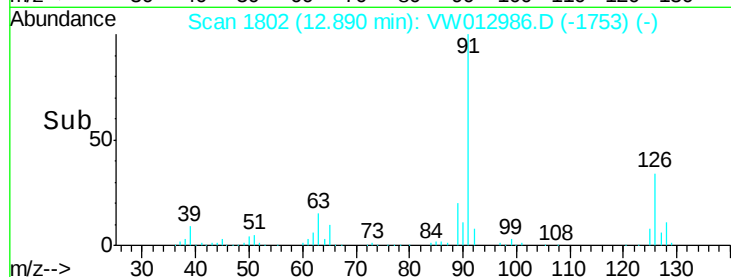
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Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 19.719 ug/l

RT: 12.94 min Scan# 1810

Delta R.T. -0.00 min

Lab File: VW012986.D

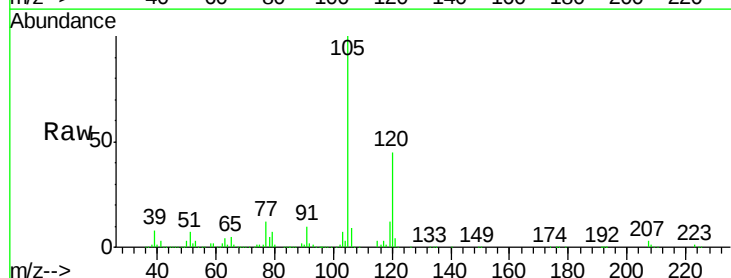
Acq: 14 Sep 2019 12:03

Tgt Ion:105 Resp: 208769

Ion Ratio Lower Upper

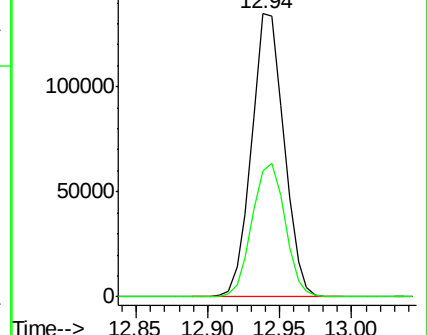
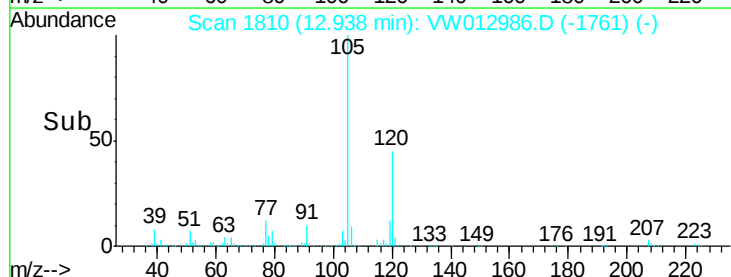
105 100

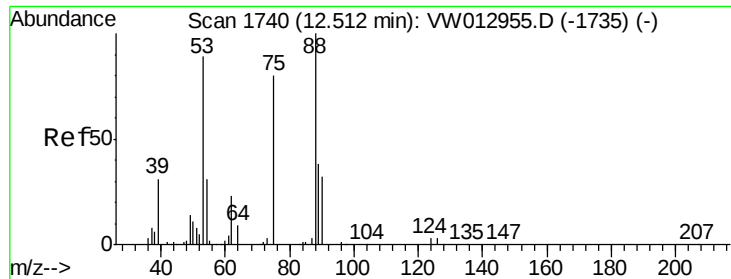
120 48.1 24.2 72.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





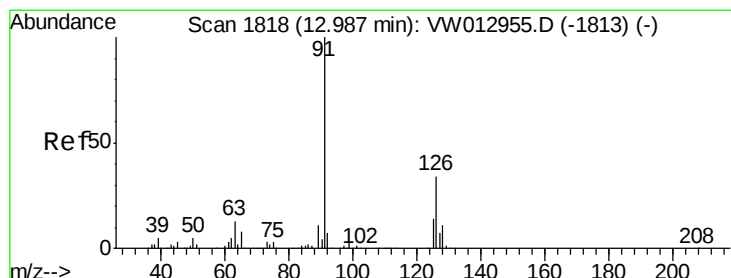
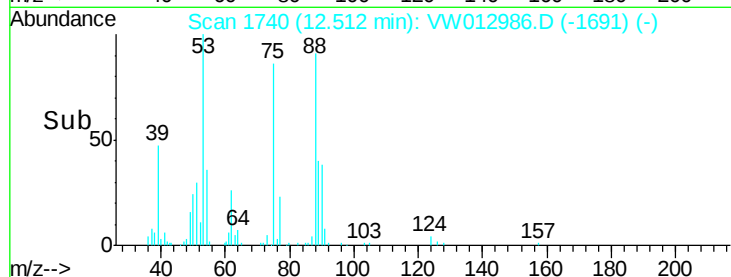
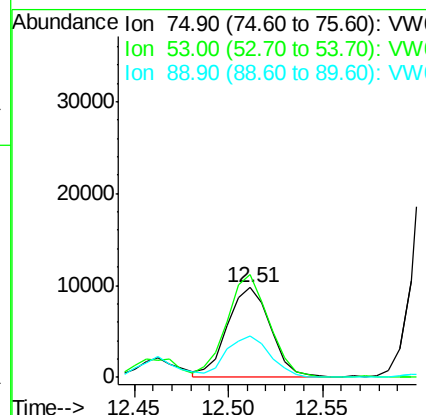
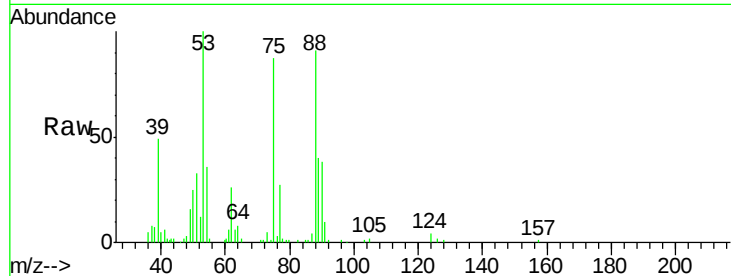
#81
trans-1,4-Dichloro-2-butene
Concen: 21.536 ug/l
RT: 12.51 min Scan# 1740
Delta R.T. -0.00 min
Lab File: VW012986.D
Acq: 14 Sep 2019 12:03

Instrument :
MSVOA_W
ClientSampleId :
VW0915SBSD01

Tot Ion	Ratio	Lower	Upper
75	100		
53	109.0	85.6	128.4
89	46.2	37.2	55.8

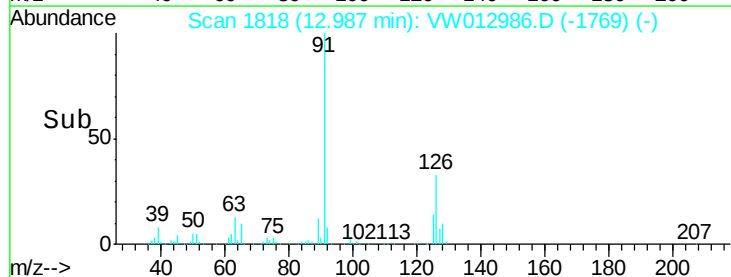
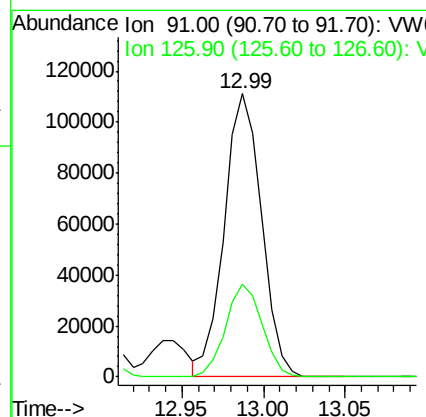
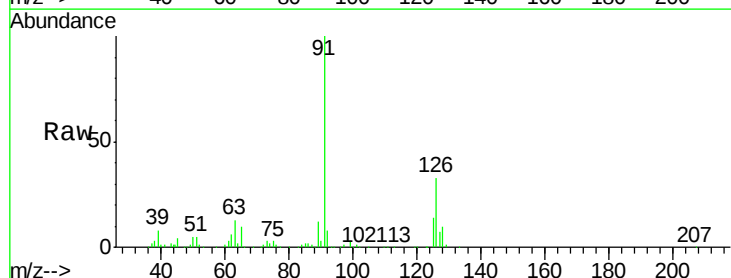
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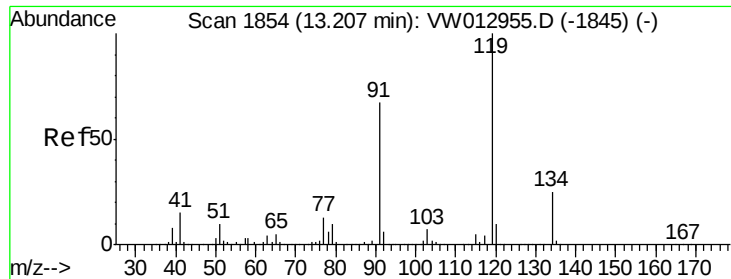
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#82
4-Chlorotoluene
Concen: 19.685 ug/l
RT: 12.99 min Scan# 1818
Delta R.T. -0.00 min
Lab File: VW012986.D
Acq: 14 Sep 2019 12:03

Tgt Ion	Ratio	Lower	Upper
91	100		
126	32.6	16.1	48.3





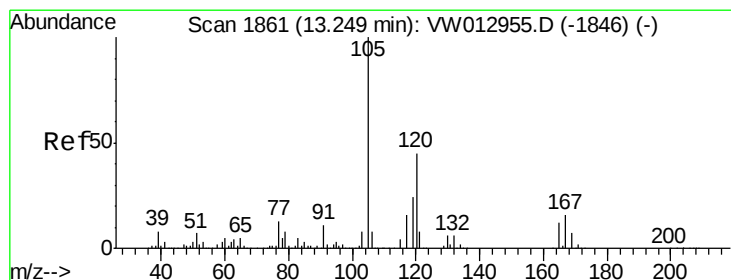
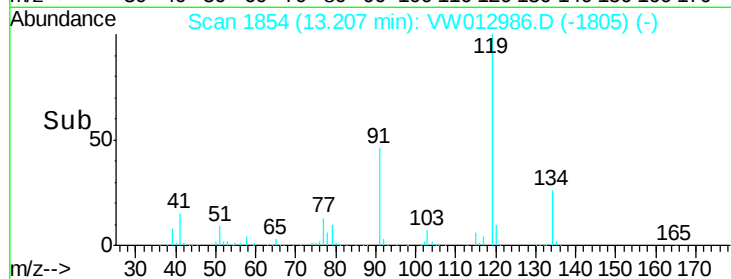
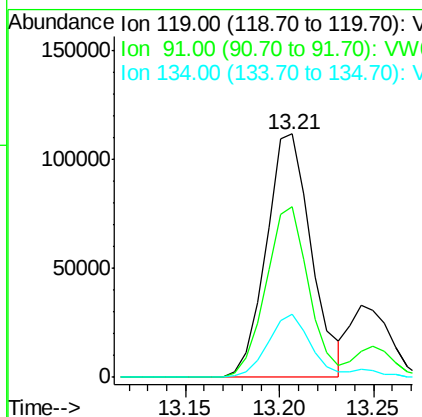
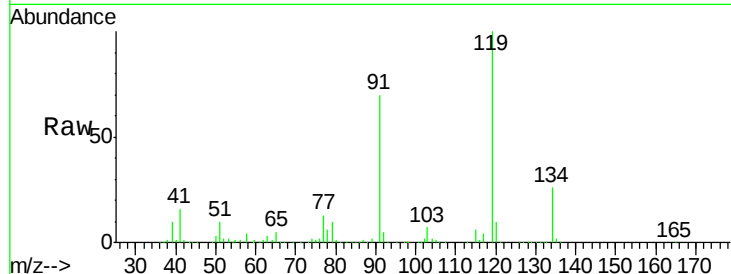
#83
tert-Butylbenzene
Concen: 19.622 ug/l
RT: 13.21 min Scan# 1854
Delta R.T. -0.00 min
Lab File: VW012986.D
Acq: 14 Sep 2019 12:03

Instrument :
MSVOA_W
ClientSampleId :
VW0915SBSD01

Tot Ion	Ratio	Lower	Upper
119	100		
91	66.3	32.6	98.0
134	24.7	12.4	37.4

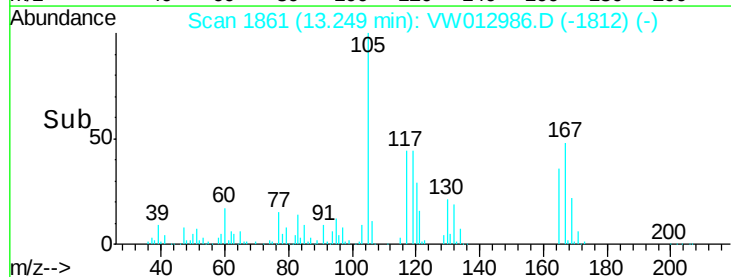
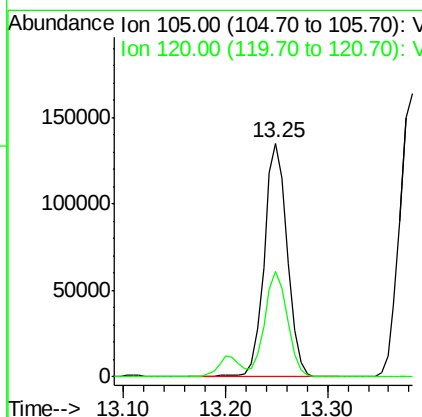
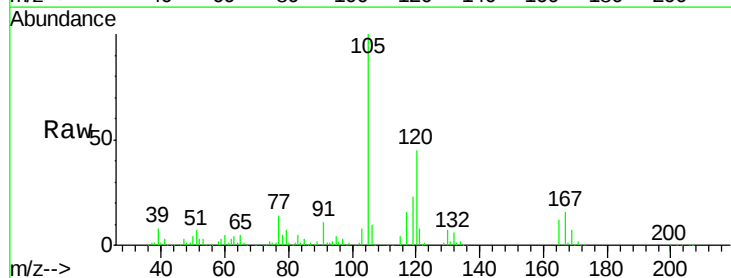
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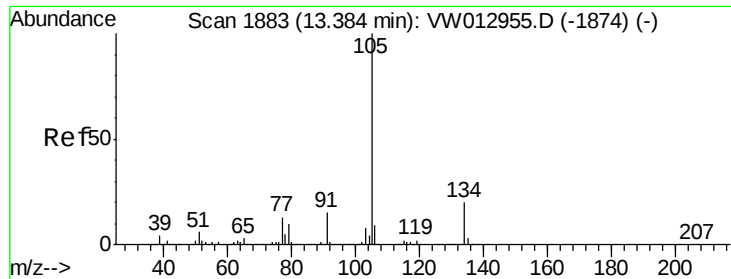
MMDadoda
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#84
1,2,4-Trimethylbenzene
Concen: 20.185 ug/l
RT: 13.25 min Scan# 1861
Delta R.T. -0.00 min
Lab File: VW012986.D
Acq: 14 Sep 2019 12:03

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.0	21.9	65.7





#85

sec-Butylbenzene

Concen: 19.379 ug/l

RT: 13.38 min Scan# 1883

Delta R.T. -0.00 min

Lab File: VW012986.D

Acq: 14 Sep 2019 12:03

Instrument :

MSVOA_W

ClientSampled :

VW0915SBS01

Tot Ion:105 Resp: 250025

Ion Ratio Lower Upper

105 100

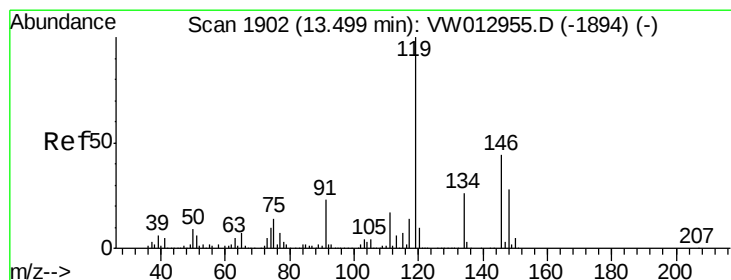
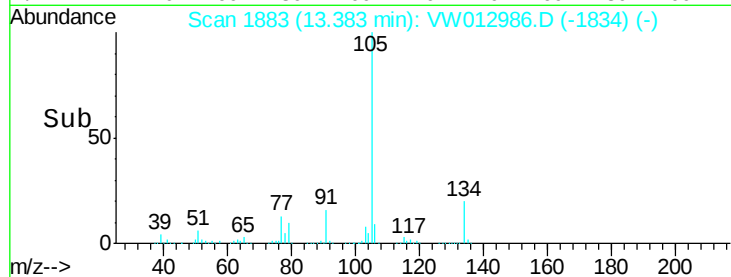
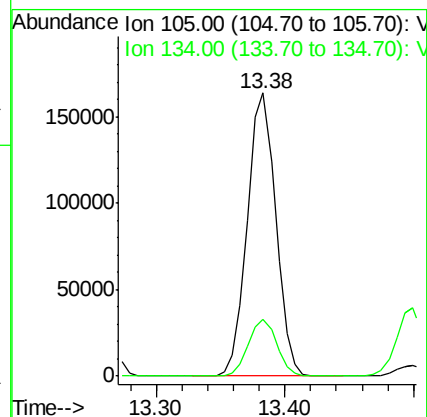
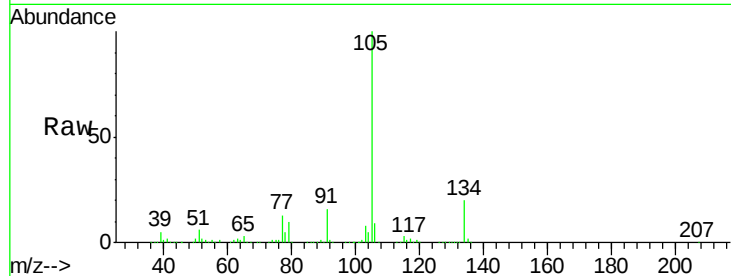
134 20.0 10.2 30.4

Manual Integrations

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#86

p-Isopropyltoluene

Concen: 19.828 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. -0.00 min

Lab File: VW012986.D

Acq: 14 Sep 2019 12:03

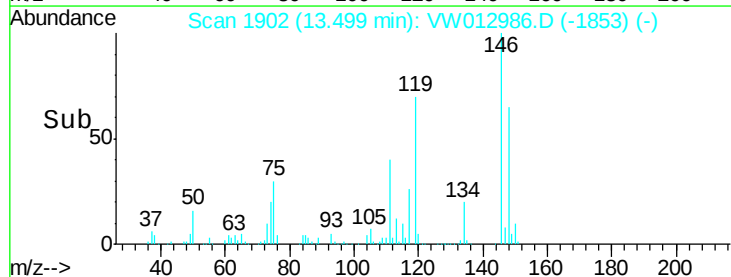
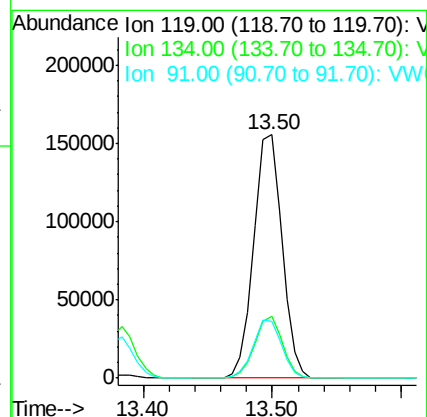
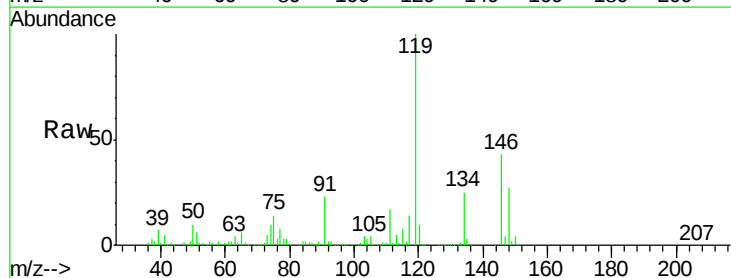
Tgt Ion:119 Resp: 234877

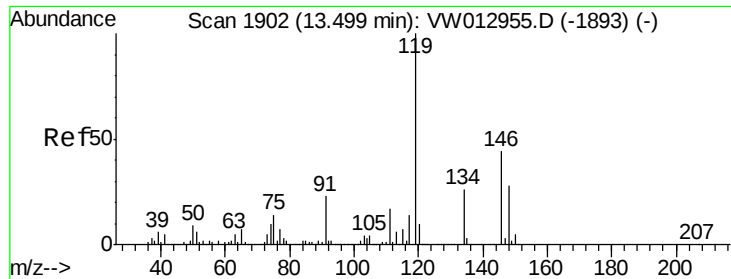
Ion Ratio Lower Upper

119 100

134 25.0 12.8 38.3

91 23.9 11.8 35.4





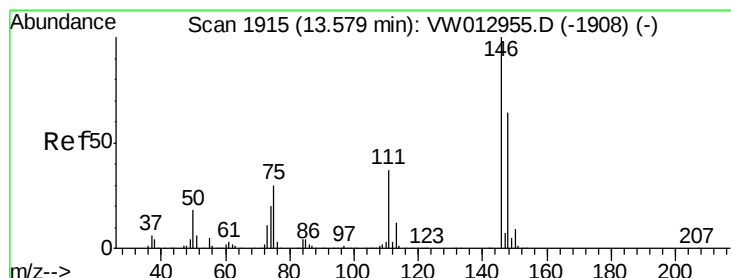
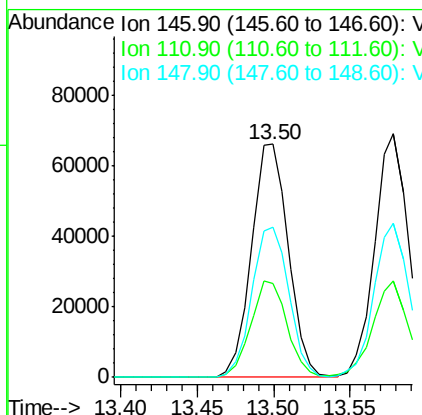
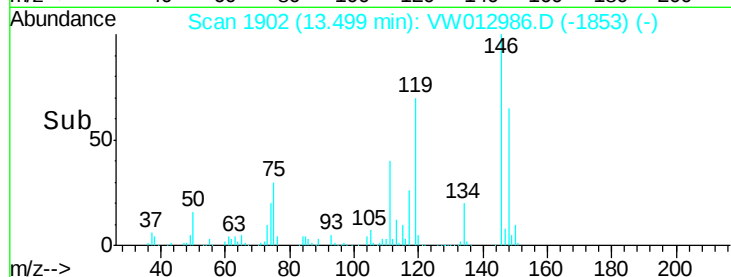
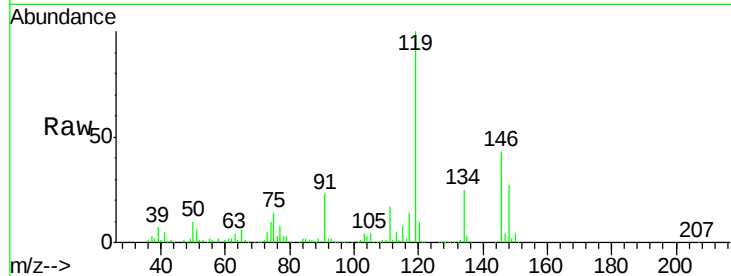
#87
 1,3-Dichlorobenzene
 Concen: 19.493 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW012986.D
 Acq: 14 Sep 2019 12:03

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0915SBSD01

Tot Ion	Ratio	Resp	Lower	Upper
146	100	111251		
111	40.8	19.8	59.4	
148	64.8	31.9	95.7	

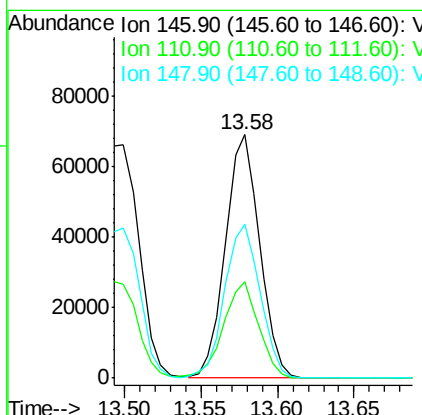
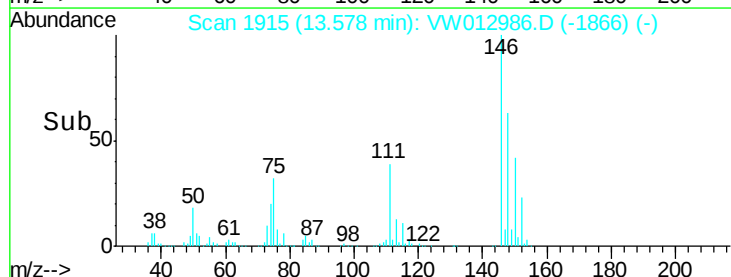
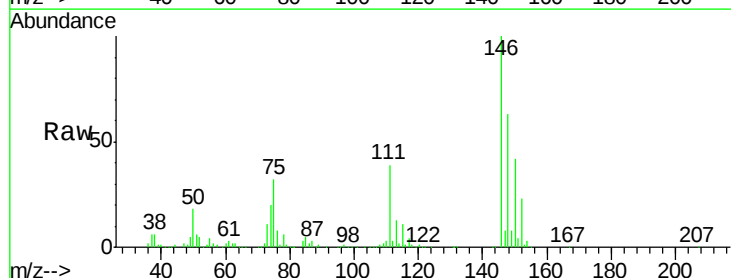
Manual Integrations
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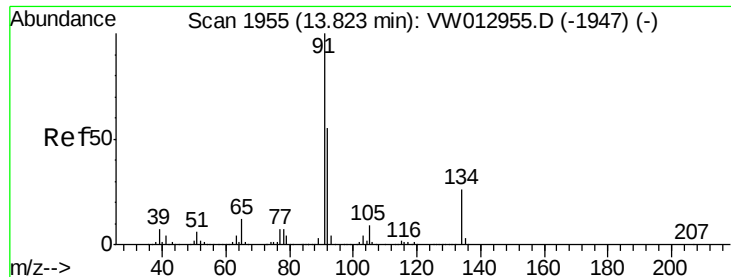
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#88
 1,4-Dichlorobenzene
 Concen: 19.153 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. -0.00 min
 Lab File: VW012986.D
 Acq: 14 Sep 2019 12:03

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	107416		
111	40.7	19.4	58.2	
148	65.5	31.9	95.5	





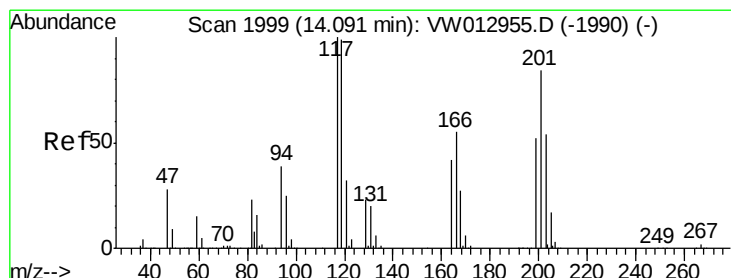
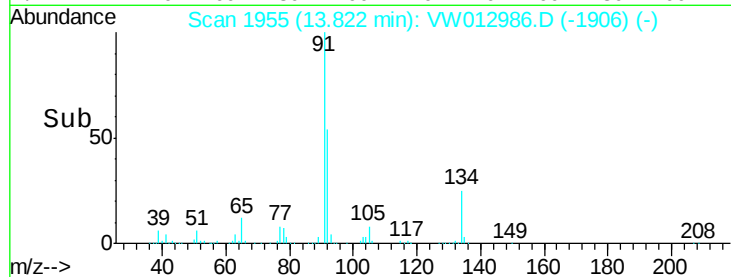
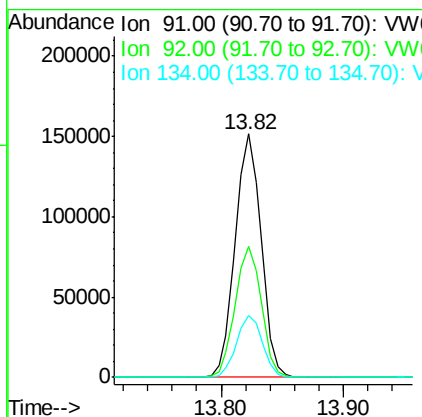
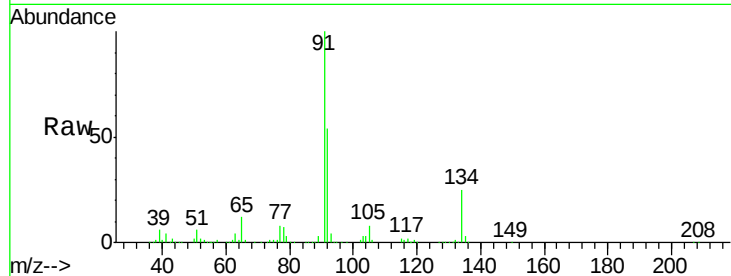
#89
n-Butylbenzene
Concen: 19.866 ug/l
RT: 13.82 min Scan# 1955
Delta R.T. -0.00 min
Lab File: VW012986.D
Acq: 14 Sep 2019 12:03

Instrument :
MSVOA_W
ClientSampleId :
VW0915SBS01

Tot Ion	Ratio	Resp	Lower	Upper
91	100	221926		
92	54.2		27.2	81.5
134	25.4		13.1	39.1

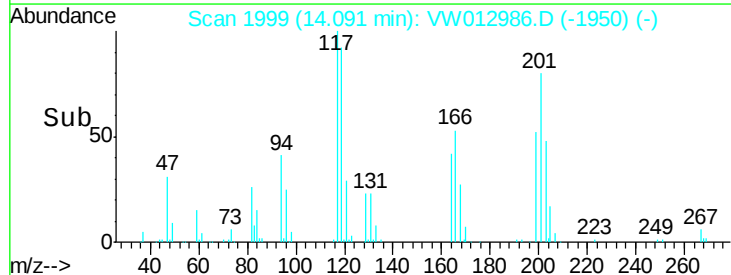
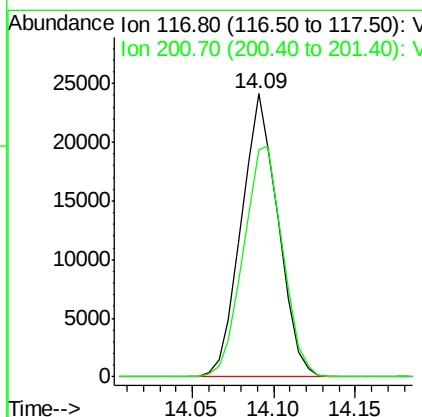
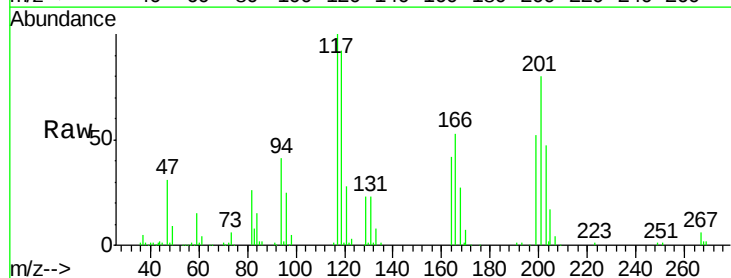
Manual Integrations
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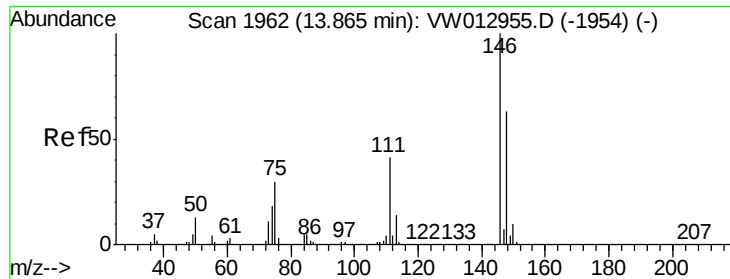
MMDadoda
9/16/2019 11:14:30 AM



#90
Hexachloroethane
Concen: 17.798 ug/l
RT: 14.09 min Scan# 1999
Delta R.T. -0.00 min
Lab File: VW012986.D
Acq: 14 Sep 2019 12:03

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	37782		
201	87.2		45.3	135.9





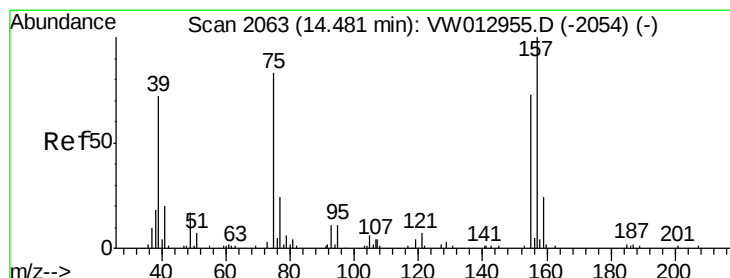
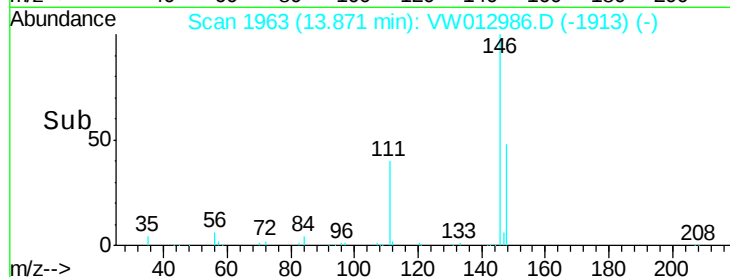
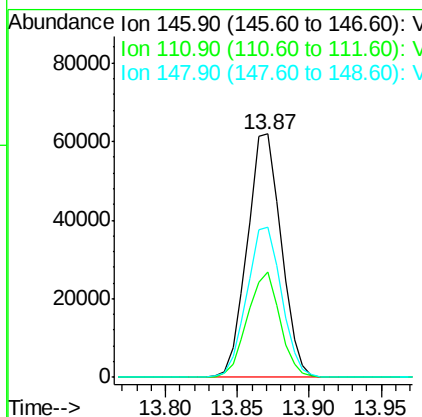
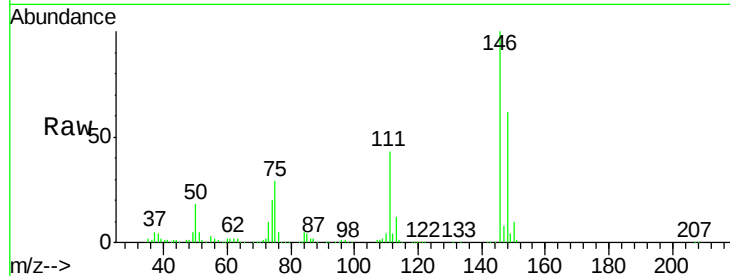
#91
 1,2-Dichlorobenzene
 Concen: 20.121 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. 0.01 min
 Lab File: VW012986.D
 Acq: 14 Sep 2019 12:03

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0915SBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.4	20.8	62.5
148	63.2	32.7	98.1

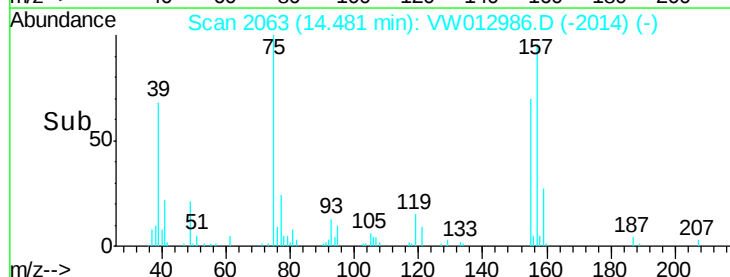
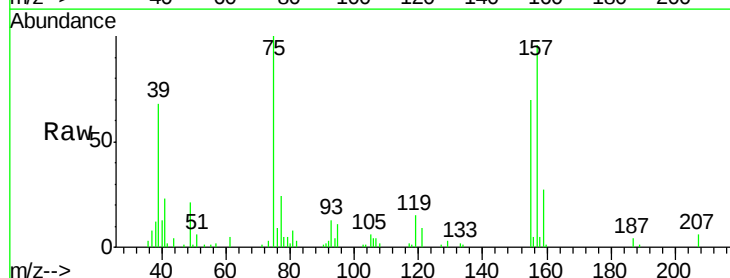
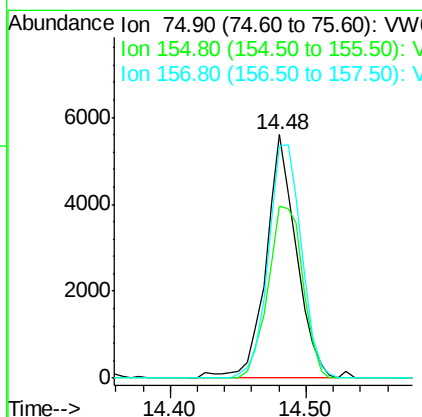
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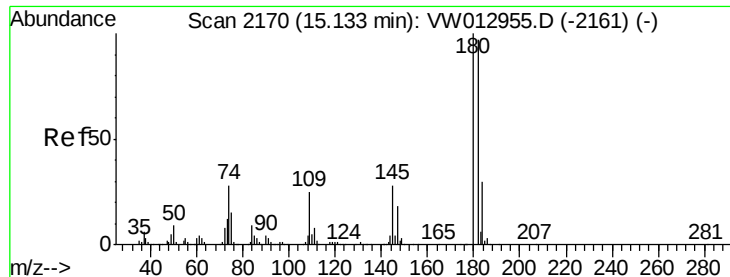
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 21.694 ug/l
 RT: 14.48 min Scan# 2063
 Delta R.T. -0.00 min
 Lab File: VW012986.D
 Acq: 14 Sep 2019 12:03

Tgt Ion	Ratio	Lower	Upper
75	100		
155	80.8	43.3	129.9
157	104.6	54.7	164.1





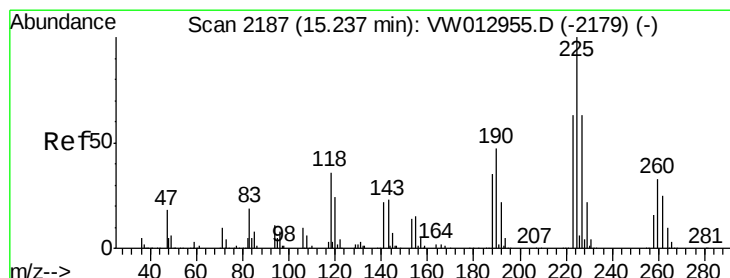
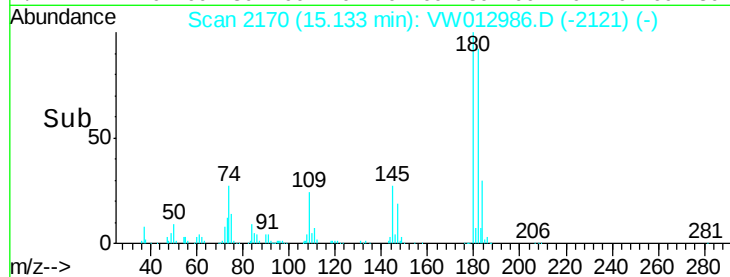
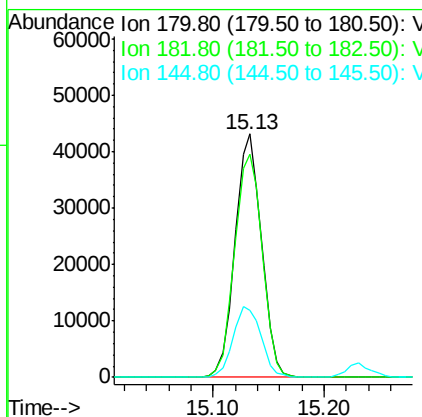
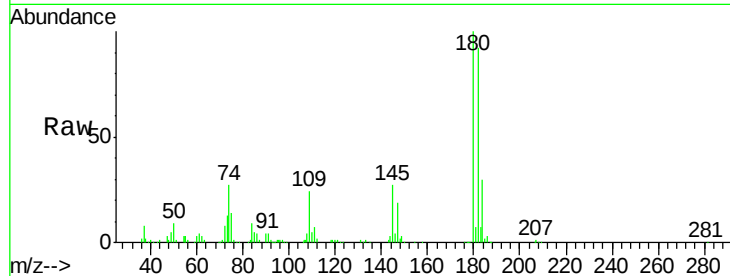
#93
 1,2,4-Trichlorobenzene
 Concen: 19.754 ug/l
 RT: 15.13 min Scan# 2170
 Delta R.T. -0.00 min
 Lab File: VW012986.D
 Acq: 14 Sep 2019 12:03

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0915SBSD01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	70707		
182	95.9	47.4	142.2	
145	30.7	14.9	44.7	

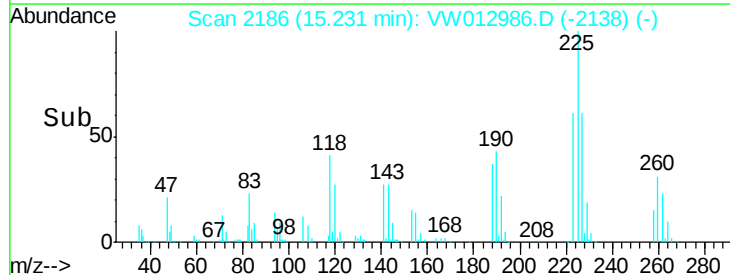
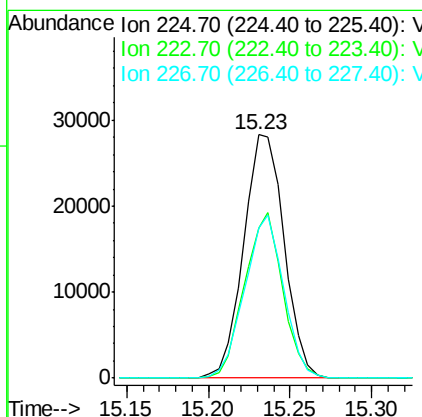
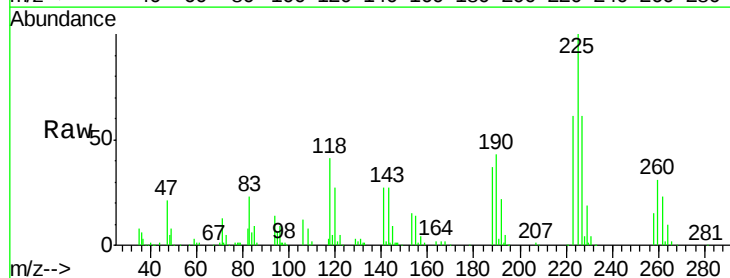
Manual Integrations
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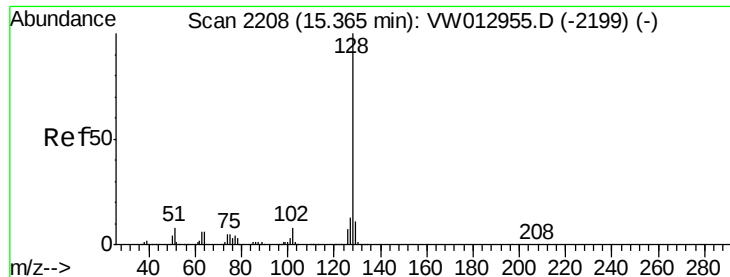
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 9/16/2019 11:14:30 AM



#94
 Hexachlorobutadiene
 Concen: 19.355 ug/l
 RT: 15.23 min Scan# 2186
 Delta R.T. -0.01 min
 Lab File: VW012986.D
 Acq: 14 Sep 2019 12:03

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	49042		
223	63.8	31.8	95.3	
227	64.1	31.3	93.8	





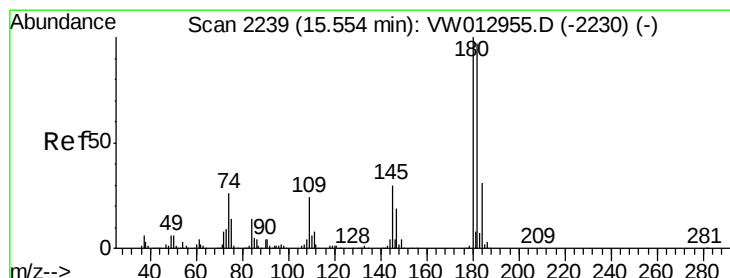
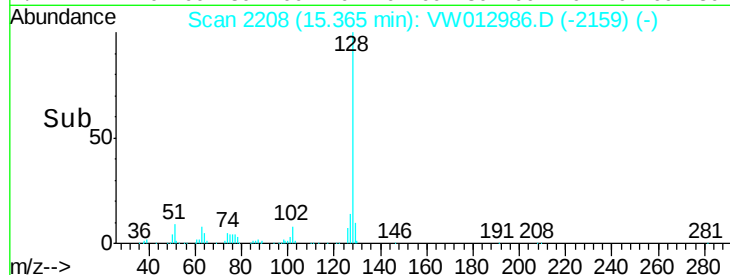
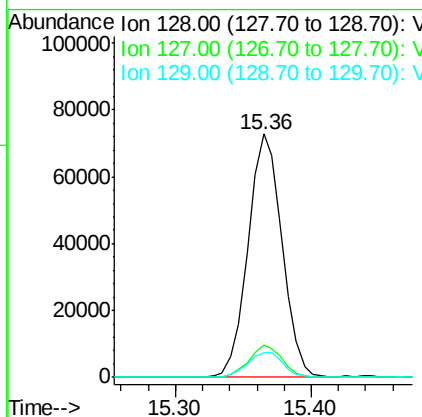
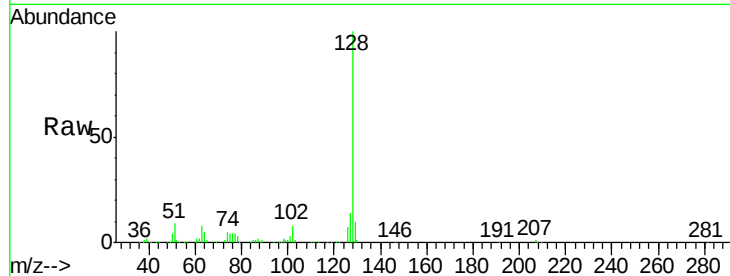
#95
Naphthalene
Concen: 21.386 ug/l
RT: 15.36 min Scan# 2208
Delta R.T. -0.00 min
Lab File: VW012986.D
Acq: 14 Sep 2019 12:03

Instrument :
MSVOA_W
ClientSampleId :
VW0915SBSD01

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.1	11.0	16.6
129	10.8	8.6	12.8

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 19.729 ug/l
RT: 15.55 min Scan# 2239
Delta R.T. -0.00 min
Lab File: VW012986.D
Acq: 14 Sep 2019 12:03

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.1	47.6	142.8
145	31.6	15.4	46.2

