

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091819\
 Data File : VW013132.D
 Acq On : 19 Sep 2019 01:05
 Operator : SY/VA
 Sample : VW0918SBS02
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0918SBS02

Manual Integrations
 APPROVED

MMDadoda
 9/19/2019 11:21:49 AM

Quant Time: Sep 19 09:31:13 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	330126	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	502606	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	431407	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	215137	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	131172	43.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.04%	
35) Dibromofluoromethane	7.88	113	127842	46.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.76%	
50) Toluene-d8	10.32	98	531857	49.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.68%	
62) 4-Bromofluorobenzene	12.62	95	180740	47.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.20%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	27887	19.322	ug/l	95
3) Chloromethane	2.21	50	37515	20.778	ug/l	97
4) Vinyl Chloride	2.36	62	47873	20.260	ug/l	92
5) Bromomethane	2.77	94	30089	20.852	ug/l	98
6) Chloroethane	2.92	64	30289	20.900	ug/l	97
7) Trichlorofluoromethane	3.25	101	26340	15.941	ug/l	100
8) Diethyl Ether	3.68	74	29458	22.831	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	4.06	101	52383	20.902	ug/l	98
10) Methyl Iodide	4.27	142	73967	23.583	ug/l	94
11) Tert butyl alcohol	5.18	59	22553	96.420	ug/l #	86
12) 1,1-Dichloroethene	4.04	96	50761	22.276	ug/l	88
13) Acrolein	3.89	56	15192	62.329	ug/l	98
14) Allyl chloride	4.67	41	87556	20.239	ug/l	92
15) Acrylonitrile	5.36	53	68992	104.695	ug/l	99
16) Acetone	4.13	43	59414	76.217	ug/l	92
17) Carbon Disulfide	4.38	76	95733	21.082	ug/l	99
18) Methyl Acetate	4.67	43	46131	26.557	ug/l	96
19) Methyl tert-butyl Ether	5.42	73	95118	21.146	ug/l	93
20) Methylene Chloride	4.92	84	62745	22.634	ug/l	96
21) trans-1,2-Dichloroethene	5.42	96	55413	22.705	ug/l	93
22) Diisopropyl ether	6.31	45	187813	20.898	ug/l	98
23) Vinyl Acetate	6.25	43	488095	90.679	ug/l	96
24) 1,1-Dichloroethane	6.21	63	109424	21.118	ug/l	98
25) 2-Butanone	7.17	43	89173	91.979	ug/l	97
26) 2,2-Dichloropropane	7.17	77	64024	16.570	ug/l	96
27) cis-1,2-Dichloroethene	7.17	96	65974	22.579	ug/l	93
28) Bromochloromethane	7.51	49	41195	18.889	ug/l	92
29) Tetrahydrofuran	7.53	42	56914	103.030	ug/l	95
30) Chloroform	7.68	83	109991	20.891	ug/l	94
31) Cyclohexane	7.95	56	90493	20.781	ug/l	95
32) 1,1,1-Trichloroethane	7.87	97	83195	19.188	ug/l	96
36) 1,1-Dichloropropene	8.08	75	79950	19.907	ug/l	97
37) Ethyl Acetate	7.25	43	39885	18.710	ug/l	97
38) Carbon Tetrachloride	8.06	117	74563	18.116	ug/l	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.33	83	92015	20.908	ug/l	94
40) Benzene	8.32	78	242013	21.585	ug/l	100
41) Methacrylonitrile	7.48	41	24061	17.139	ug/l	92
42) 1,2-Dichloroethane	8.40	62	67931	18.074	ug/l	95
43) Isopropyl Acetate	8.42	43	73433	17.941	ug/l	94
44) Trichloroethene	9.09	130	66502	21.654	ug/l	84
45) 1,2-Dichloropropane	9.37	63	62937	21.128	ug/l	97
46) Dibromomethane	9.46	93	29169	20.438	ug/l	96
47) Bromodichloromethane	9.64	83	77853	19.448	ug/l	99
48) Methyl methacrylate	9.43	41	35012	18.226	ug/l	91
49) 1,4-Dioxane	9.46	88	9262	387.303	ug/l #	75
51) 4-Methyl-2-Pentanone	10.21	43	198123	93.756	ug/l	94
52) Toluene	10.38	92	155194	21.783	ug/l	100
53) t-1,3-Dichloropropene	10.60	75	74849	18.591	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	89882	19.511	ug/l	91
55) 1,1,2-Trichloroethane	10.79	97	47086	21.657	ug/l	97
56) Ethyl methacrylate	10.65	69	61105	20.880	ug/l #	88
57) 1,3-Dichloropropane	10.93	76	82553	21.405	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.92	63	156408	99.633	ug/l	97
59) 2-Hexanone	10.97	43	131194	89.161	ug/l	95
60) Dibromochloromethane	11.13	129	52307	19.900	ug/l	100
61) 1,2-Dibromoethane	11.23	107	42319	21.337	ug/l	99
64) Tetrachloroethene	10.86	164	59921	23.348	ug/l	96
65) Chlorobenzene	11.66	112	166047	21.608	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.73	131	60121	20.416	ug/l	98
67) Ethyl Benzene	11.73	91	297538	20.965	ug/l	98
68) m/p-Xylenes	11.84	106	224713	43.343	ug/l	95
69) o-Xylene	12.16	106	108415	22.305	ug/l	93
70) Styrene	12.18	104	188303	21.778	ug/l	95
71) Bromoform	12.35	173	30459	19.692	ug/l #	99
73) Isopropylbenzene	12.46	105	301893	21.171	ug/l	100
74) N-amyl acetate	12.27	43	63476	17.304	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.71	83	53695	21.439	ug/l	97
76) 1,2,3-Trichloropropane	12.76	75	41583m	22.067	ug/l	
77) Bromobenzene	12.74	156	70247	21.383	ug/l	96
78) n-propylbenzene	12.80	91	345878	20.620	ug/l	98
79) 2-Chlorotoluene	12.89	91	201891	20.937	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	250023	20.725	ug/l	95
81) trans-1,4-Dichloro-2-buten	12.51	75	15244	18.351	ug/l	89
82) 4-Chlorotoluene	12.99	91	209187	20.561	ug/l	98
83) tert-Butylbenzene	13.20	119	226833	21.021	ug/l	96
84) 1,2,4-Trimethylbenzene	13.25	105	254133	21.318	ug/l	99
85) sec-Butylbenzene	13.38	105	305888	20.806	ug/l	100
86) p-Isopropyltoluene	13.50	119	286921	21.257	ug/l	97
87) 1,3-Dichlorobenzene	13.50	146	137793	21.189	ug/l	98
88) 1,4-Dichlorobenzene	13.58	146	137181	21.466	ug/l	99
89) n-Butylbenzene	13.82	91	250665	19.692	ug/l	98
90) Hexachloroethane	14.09	117	47638	19.694	ug/l	97
91) 1,2-Dichlorobenzene	13.87	146	122956	21.500	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.49	75	8200	17.887	ug/l	92

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	85065	20.857	ug/l	98
94) Hexachlorobutadiene	15.24	225	57215	19.816	ug/l	97
95) Naphthalene	15.36	128	148171	21.743	ug/l	99
96) 1,2,3-Trichlorobenzene	15.55	180	74972	20.795	ug/l	99

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

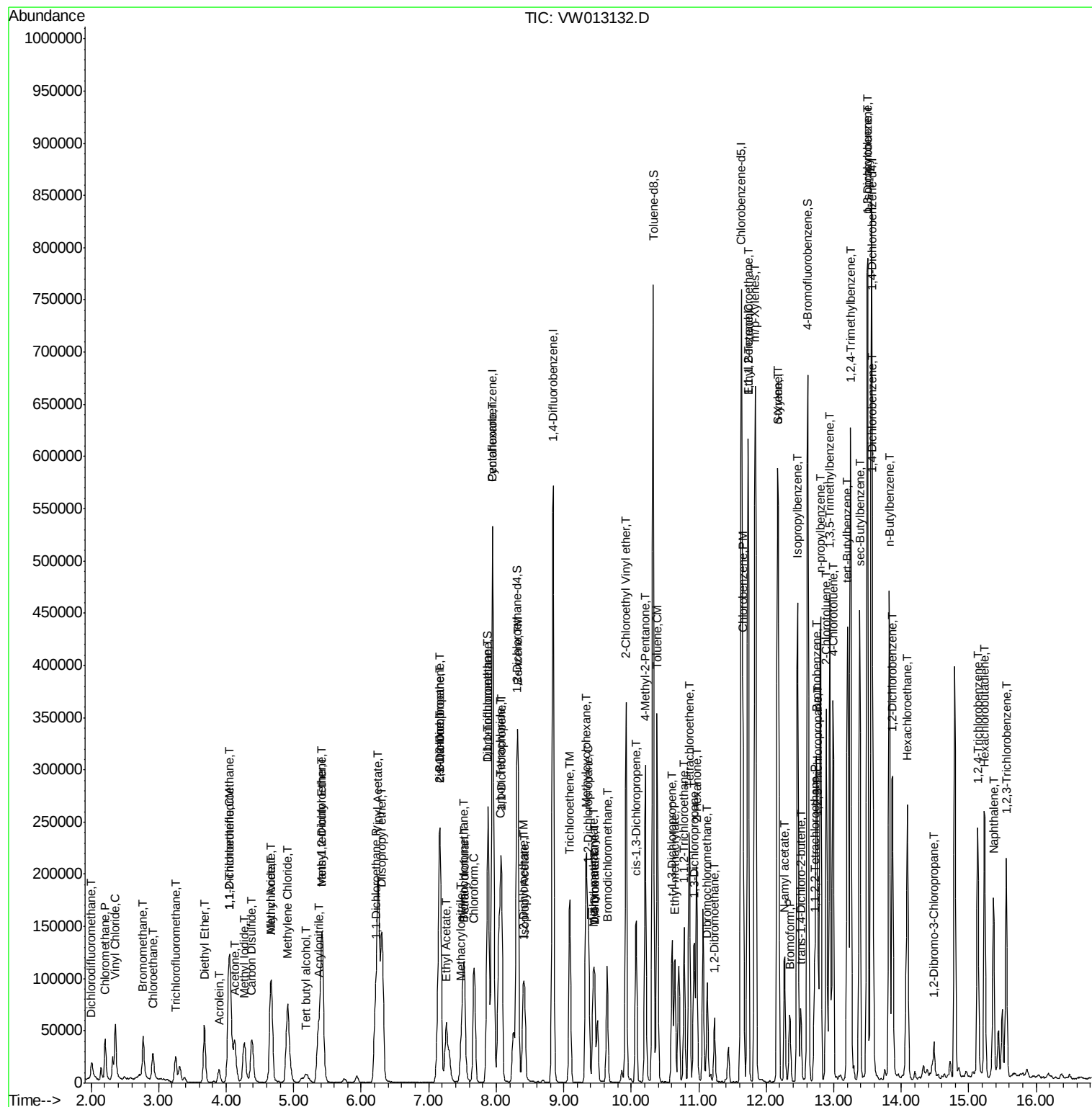
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Data File : VW013132.D
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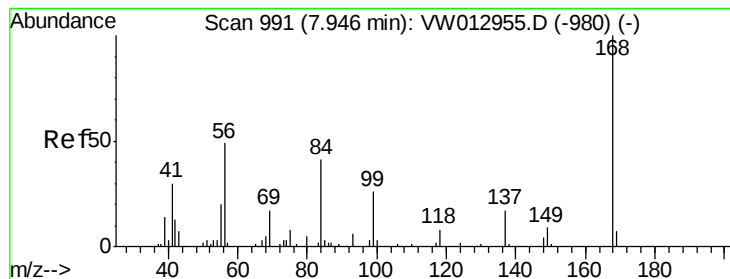
Instrument :
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW013132.D

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Instrument :

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ClientSampleId :

VW0918SBS02

Tot Ion:168 Resp: 330126

Ion Ratio Lower Upper

168 100

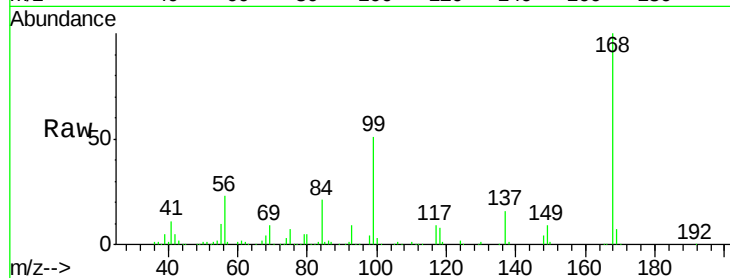
99 51.0 46.2 69.2

Manual Integrations

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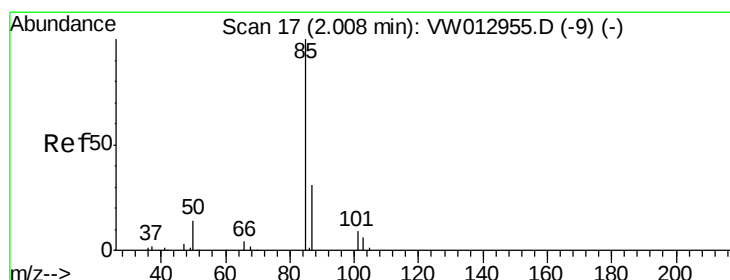
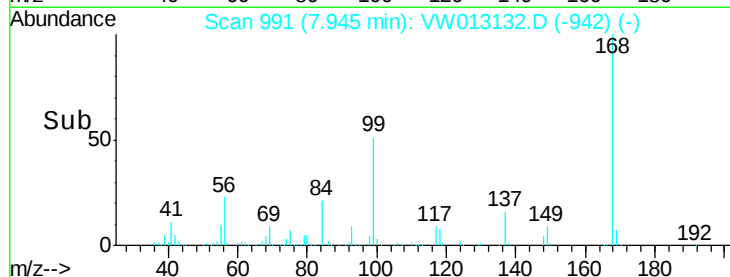
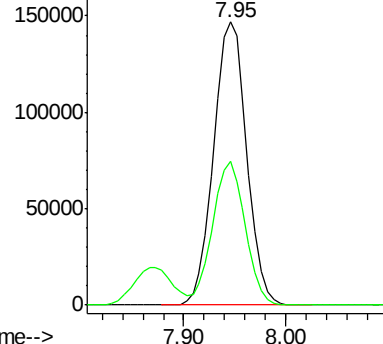
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: 19.322 ug/l

RT: 2.01 min Scan# 17

Delta R.T. 0.00 min

Lab File: VW013132.D

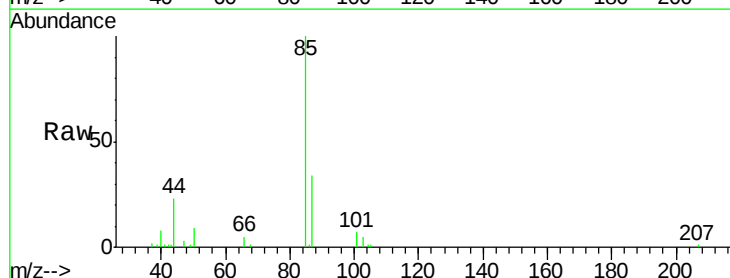
Acq: 19 Sep 2019 01:05

Tgt Ion: 85 Resp: 27887

Ion Ratio Lower Upper

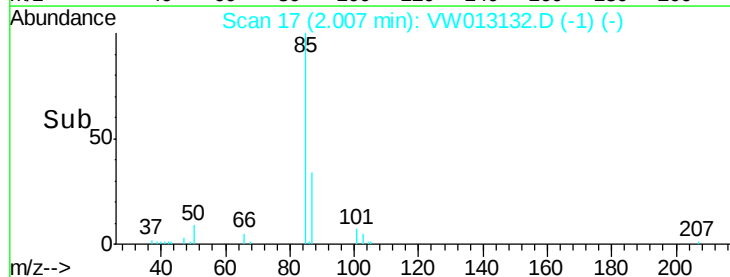
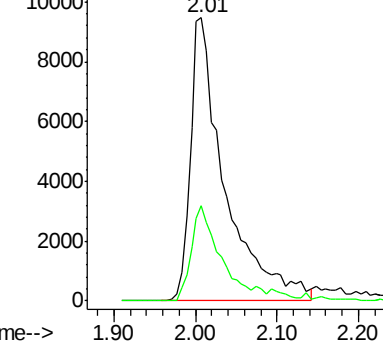
85 100

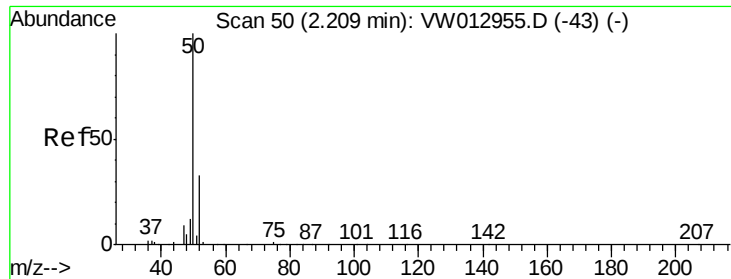
87 33.5 15.4 46.4



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#3

Chloromethane

Concen: 20.778 ug/l

RT: 2.21 min Scan# 50

Delta R.T. 0.00 min

Lab File: VW013132.D

Acq: 19 Sep 2019 01:05

Instrument :

MSVOA_W

ClientSampleId :

VW0918SBS02

Tot Ion: 50 Resp: 37515

Ion Ratio Lower Upper

50 100

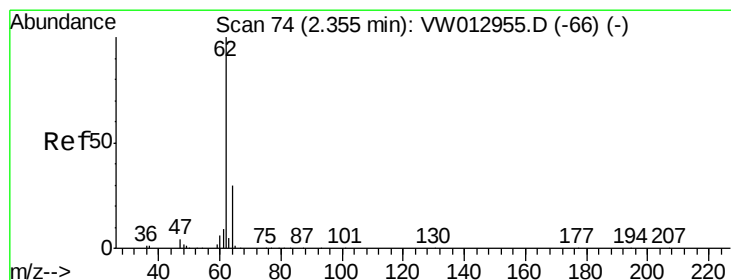
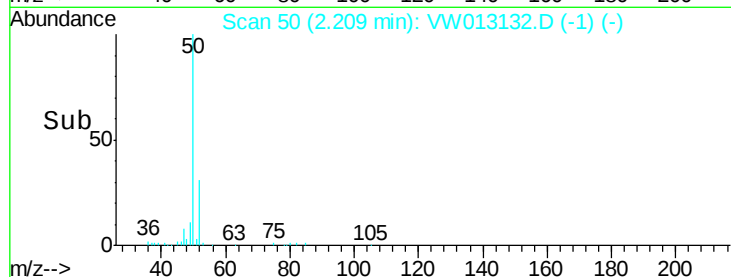
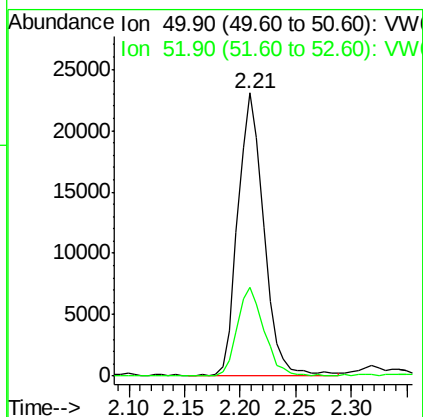
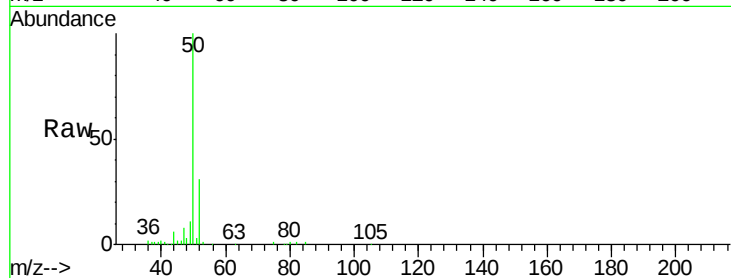
52 31.4 26.6 39.8

Manual Integrations

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#4

Vinyl Chloride

Concen: 20.260 ug/l

RT: 2.36 min Scan# 75

Delta R.T. 0.01 min

Lab File: VW013132.D

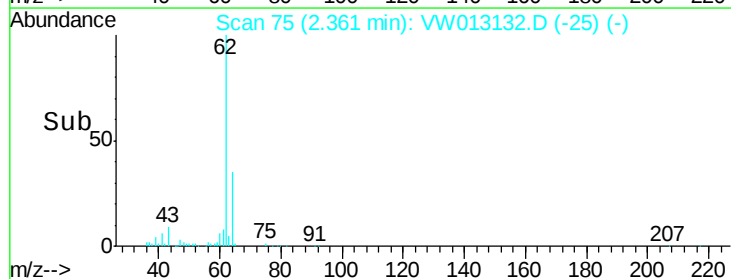
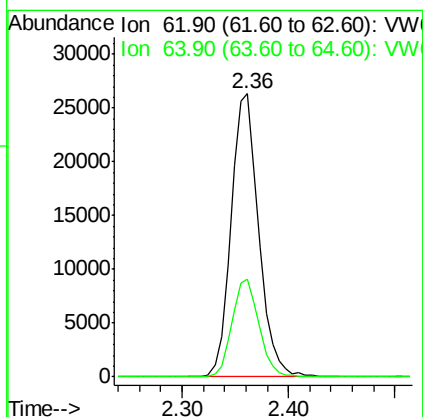
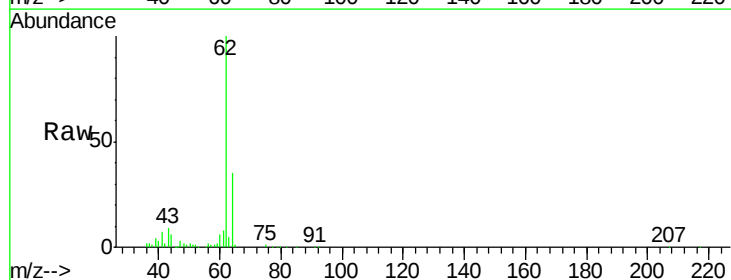
Acq: 19 Sep 2019 01:05

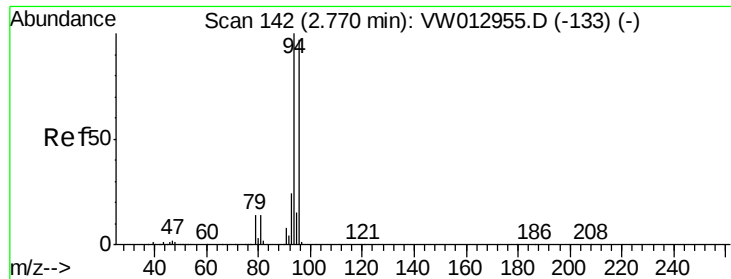
Tgt Ion: 62 Resp: 47873

Ion Ratio Lower Upper

62 100

64 34.6 24.2 36.4





#5

Bromomethane

Concen: 20.852 ug/l

RT: 2.77 min Scan# 142

Delta R.T. -0.00 min

Lab File: VW013132.D

Acq: 19 Sep 2019 01:05

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Tot Ion: 94 Resp: 30089

Ion Ratio Lower Upper

94 100

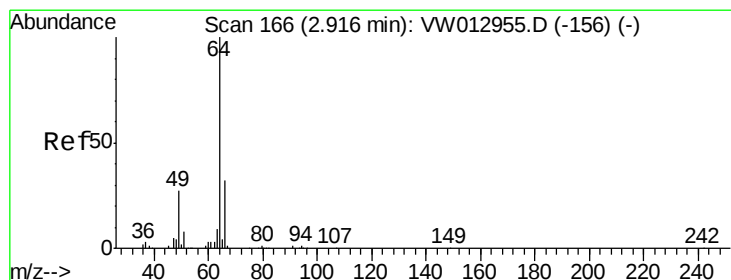
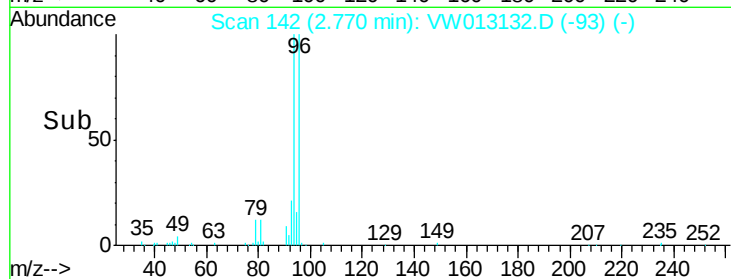
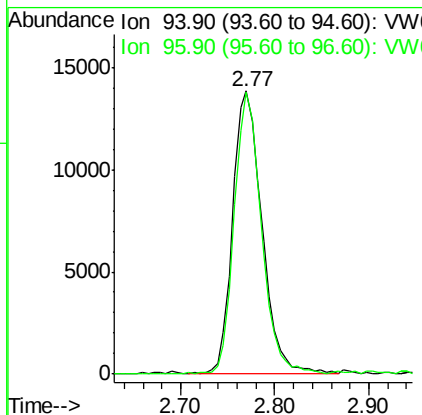
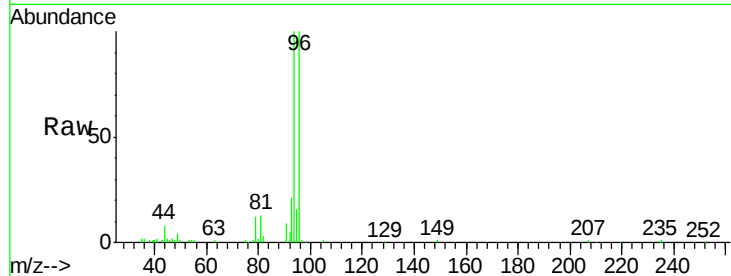
96 98.8 77.8 116.6

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#6

Chloroethane

Concen: 20.900 ug/l

RT: 2.92 min Scan# 166

Delta R.T. -0.00 min

Lab File: VW013132.D

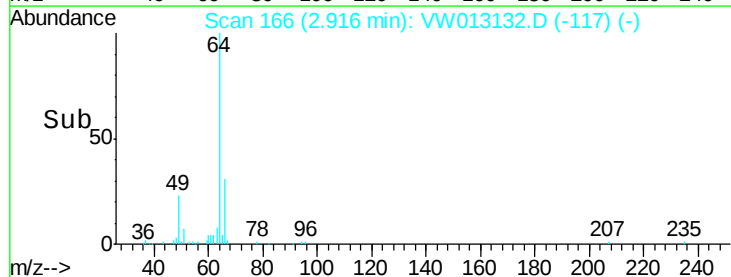
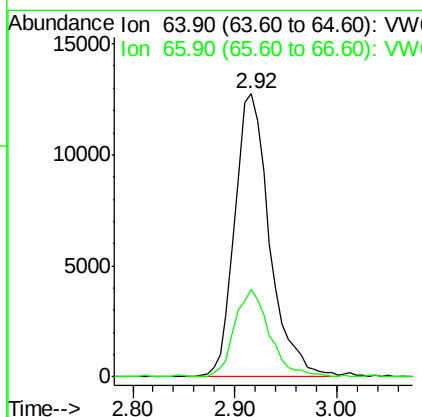
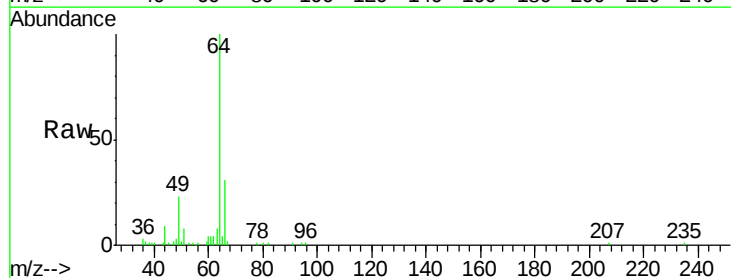
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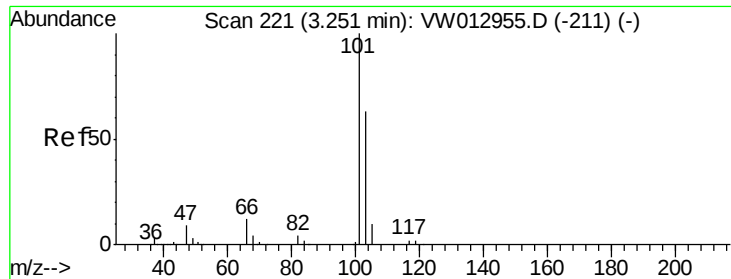
Tgt Ion: 64 Resp: 30289

Ion Ratio Lower Upper

64 100

66 30.8 25.9 38.9





#7

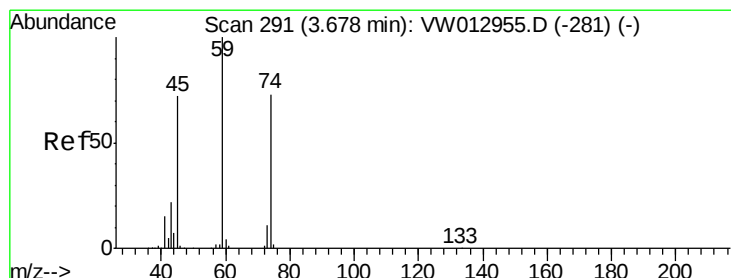
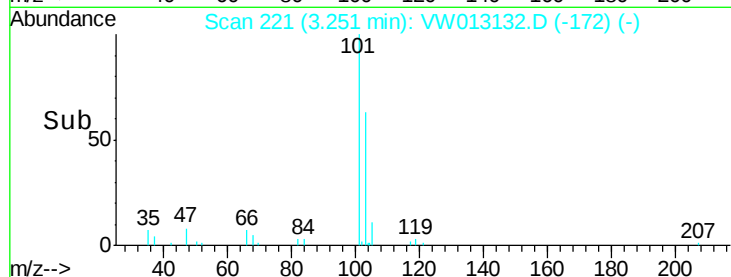
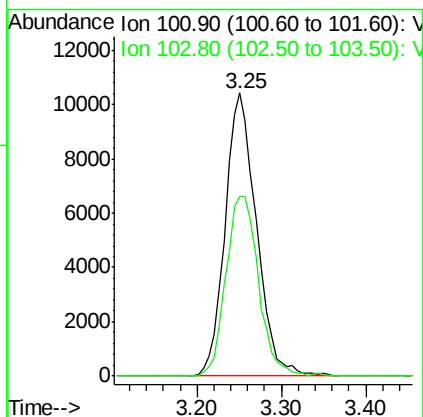
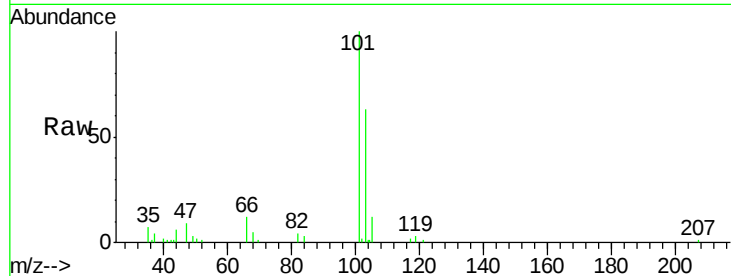
Trichlorofluoromethane
 Concen: 15.941 ug/l
 RT: 3.25 min Scan# 221
 Delta R.T. -0.00 min
 Lab File: VW013132.D
 Acq: 19 Sep 2019 01:05

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0918SBS02

Tot Ion:101 Resp: 26340
 Ion Ratio Lower Upper
 101 100
 103 63.5 50.7 76.1

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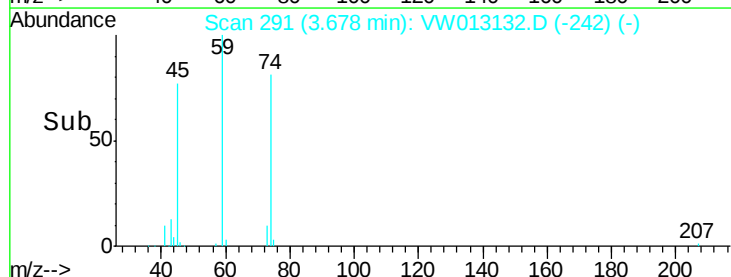
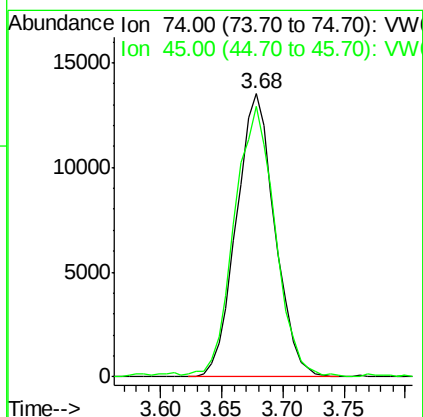
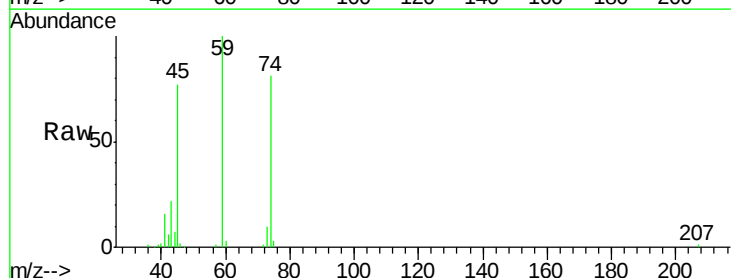
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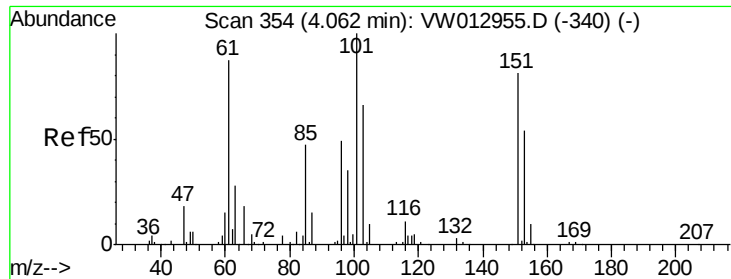


#8

Diethyl Ether
 Concen: 22.831 ug/l
 RT: 3.68 min Scan# 291
 Delta R.T. -0.00 min
 Lab File: VW013132.D
 Acq: 19 Sep 2019 01:05

Tgt Ion: 74 Resp: 29458
 Ion Ratio Lower Upper
 74 100
 45 101.8 53.8 161.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.902 ug/l

RT: 4.06 min Scan# 353

Delta R.T. -0.01 min

Lab File: VW013132.D

Acq: 19 Sep 2019 01:05

Instrument :

MSVOA_W

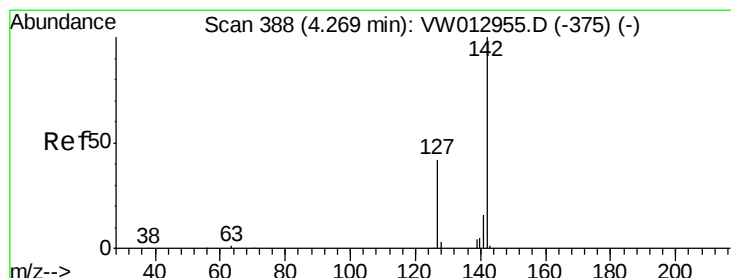
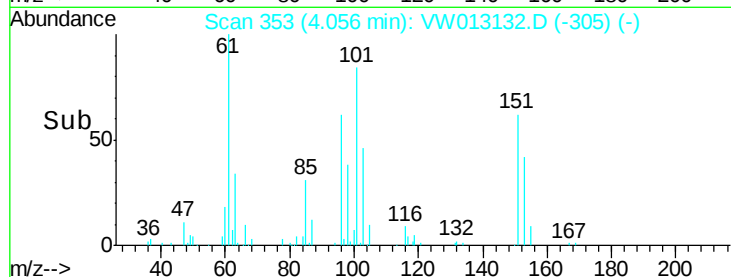
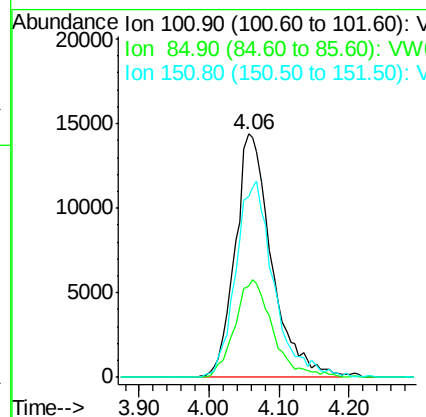
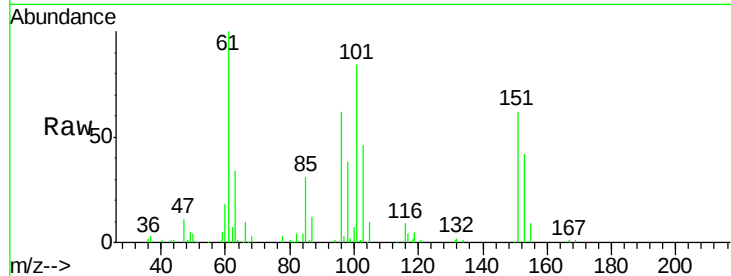
ClientSampleId :

VW0918SBS02

Tot Ion:	101	Resp:	52383
Ion Ratio	Lower	Upper	
101	100		
85	41.4	34.9	52.3
151	83.4	66.0	99.0

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#10

Methyl Iodide

Concen: 23.583 ug/l

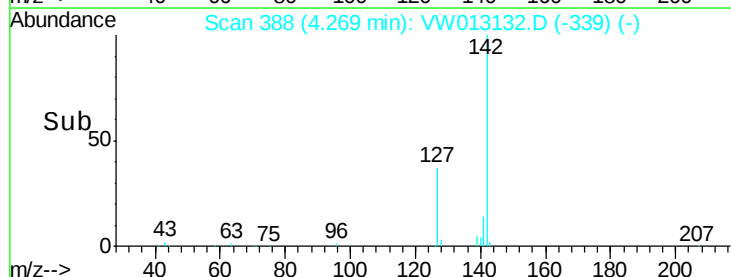
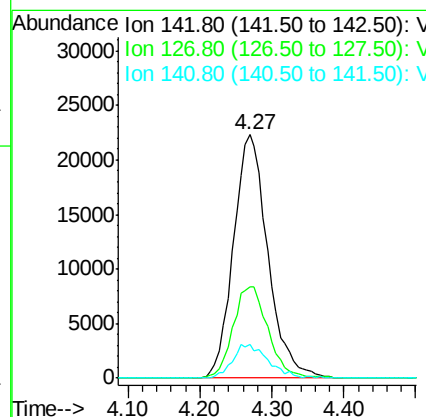
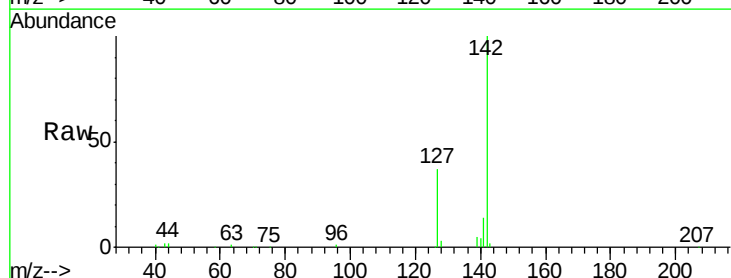
RT: 4.27 min Scan# 388

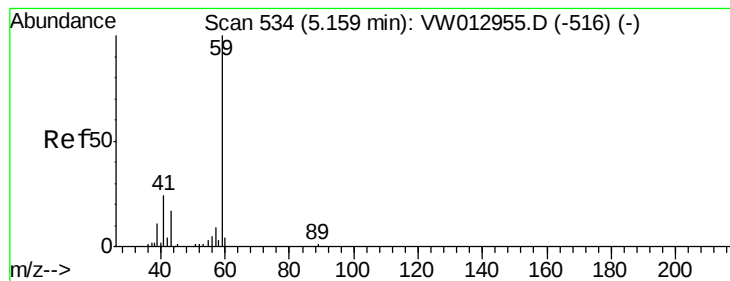
Delta R.T. -0.00 min

Lab File: VW013132.D

Acq: 19 Sep 2019 01:05

Tgt Ion:	142	Resp:	73967
Ion Ratio	Lower	Upper	
142	100		
127	38.3	34.7	52.1
141	14.3	12.2	18.2





#11

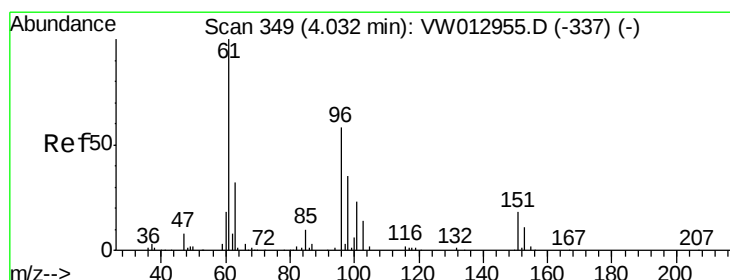
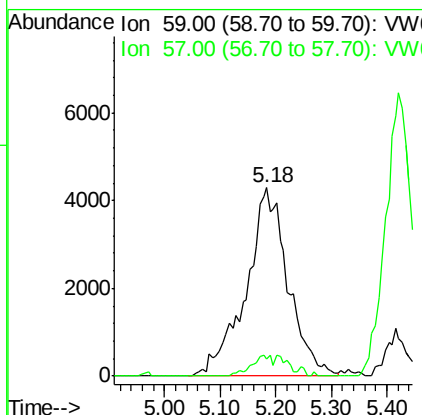
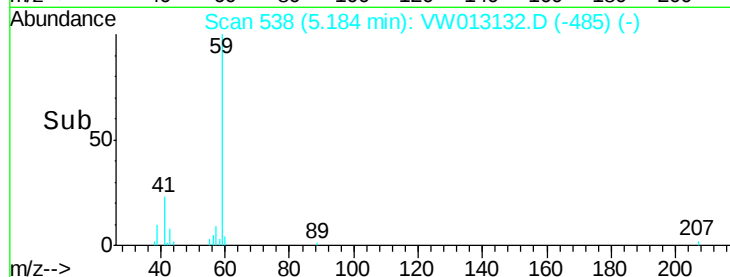
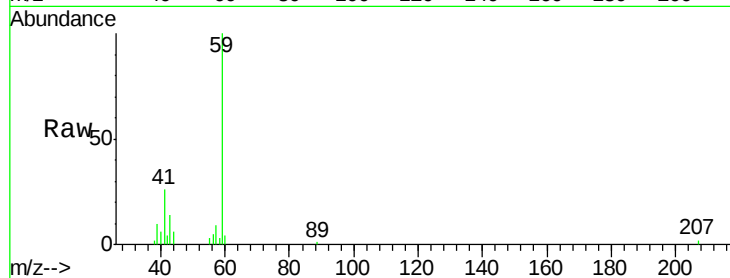
Tert butyl alcohol
 Concen: 96.420 ug/l
 RT: 5.18 min Scan# 538
 Delta R.T. 0.02 min
 Lab File: VW013132.D
 Acq: 19 Sep 2019 01:05

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0918SBS02

Tot Ion	Ratio	Lower	Upper
59	100		
57	5.4	8.5	12.7#

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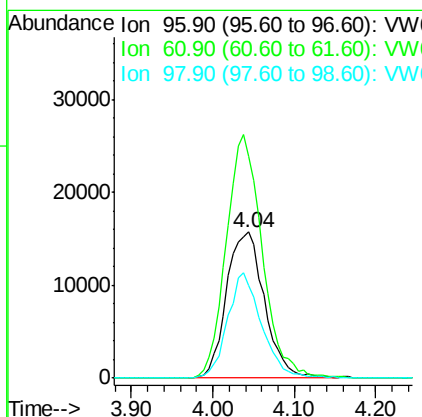
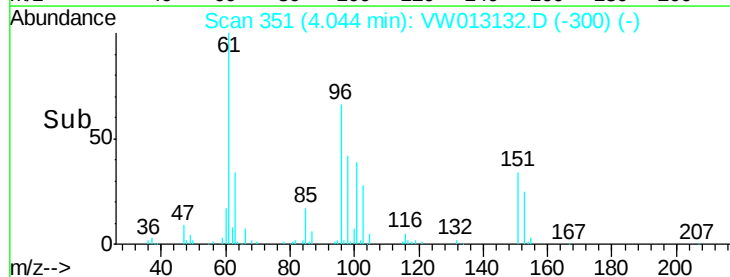
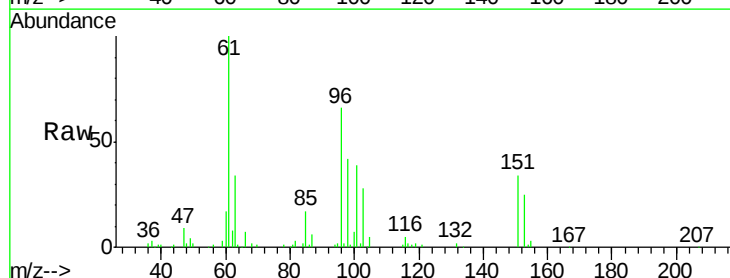
MMDadoda
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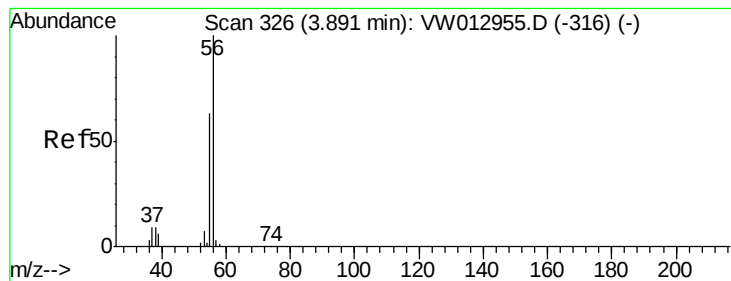


#12

1,1-Dichloroethene
 Concen: 22.276 ug/l
 RT: 4.04 min Scan# 351
 Delta R.T. 0.01 min
 Lab File: VW013132.D
 Acq: 19 Sep 2019 01:05

Tgt Ion	Ratio	Lower	Upper
96	100		
61	151.6	137.9	206.9
98	63.1	48.9	73.3





#13

Acrolein

Concen: 62.329 ug/l

RT: 3.89 min Scan# 326

Delta R.T. 0.00 min

Lab File: VW013132.D

Acq: 19 Sep 2019 01:05

Tot Ion: 56 Resp: 15192

Ion Ratio Lower Upper

56 100

55 71.3 55.8 83.8

Instrument :

MSVOA_W

ClientSampleId :

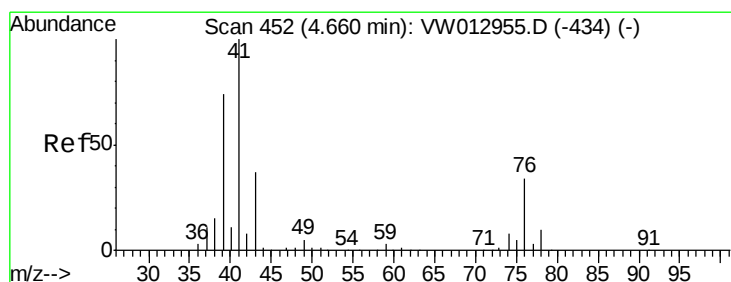
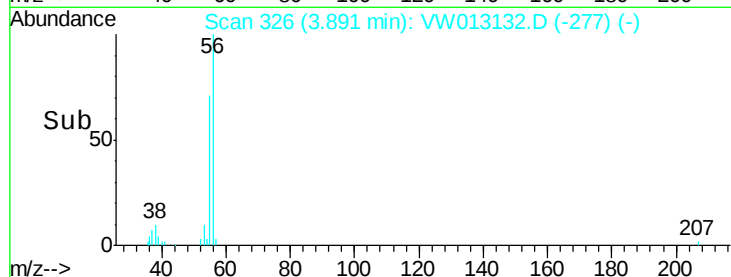
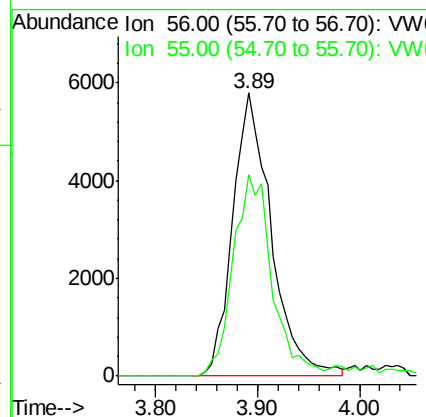
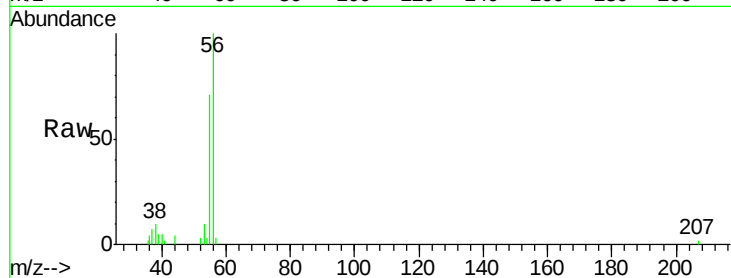
VW0918SBS02

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#14

Allyl chloride

Concen: 20.239 ug/l

RT: 4.67 min Scan# 453

Delta R.T. 0.01 min

Lab File: VW013132.D

Acq: 19 Sep 2019 01:05

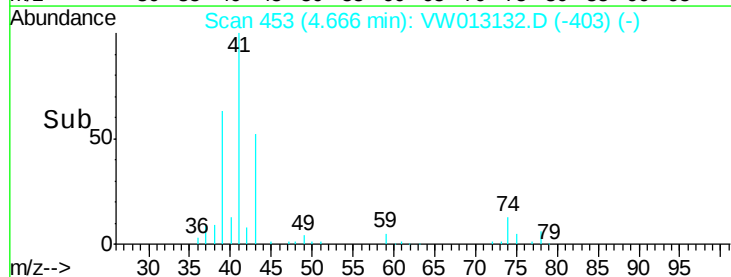
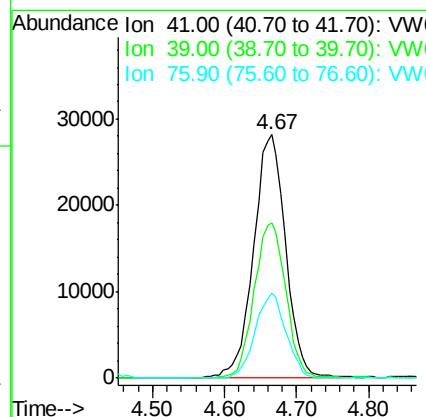
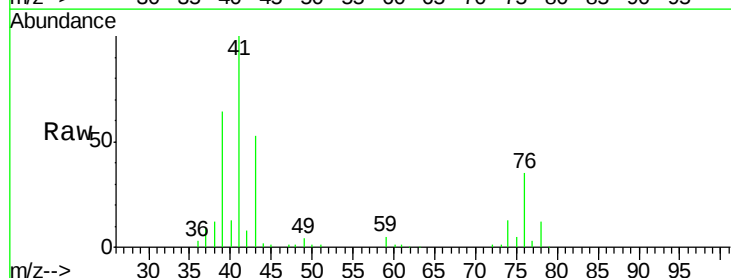
Tgt Ion: 41 Resp: 87556

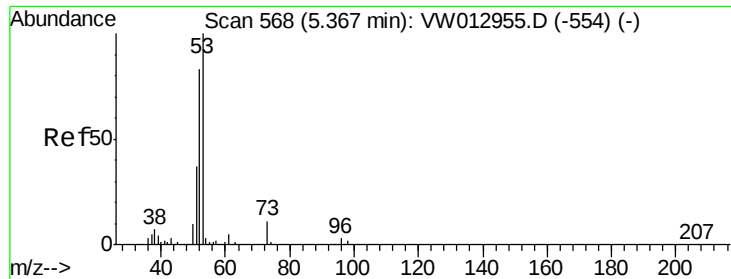
Ion Ratio Lower Upper

41 100

39 62.8 56.7 85.1

76 33.2 25.1 37.7





#15

Acrylonitrile

Concen: 104.695 ug/l

RT: 5.36 min Scan# 567

Delta R.T. -0.01 min

Lab File: VW013132.D

Acq: 19 Sep 2019 01:05

Instrument :

MSVOA_W

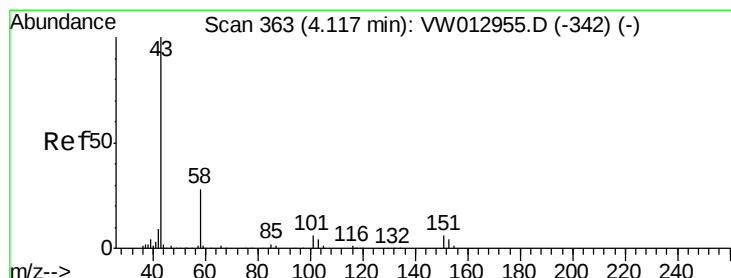
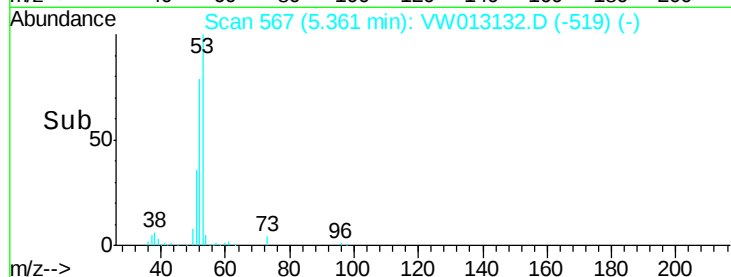
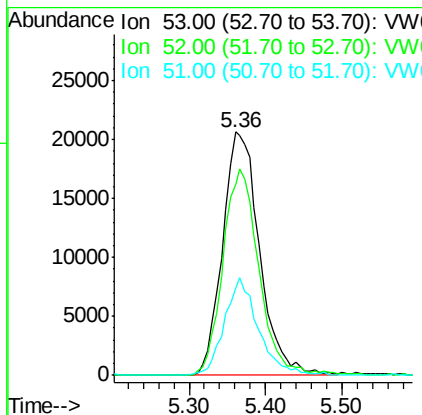
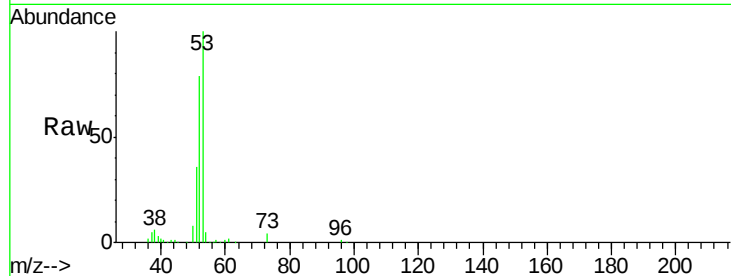
ClientSampleId :

VW0918SBS02

Tot Ion:	53	Resp:	68992
Ion	Ratio	Lower	Upper
53	100		
52	82.0	66.6	100.0
51	36.9	29.8	44.8

Manual Integrations
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#16

Acetone

Concen: 76.217 ug/l

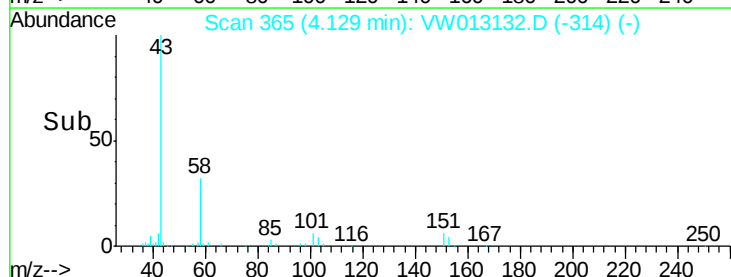
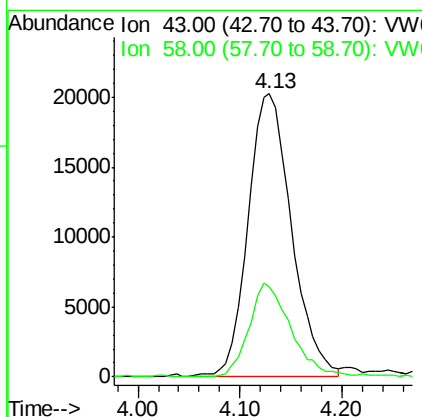
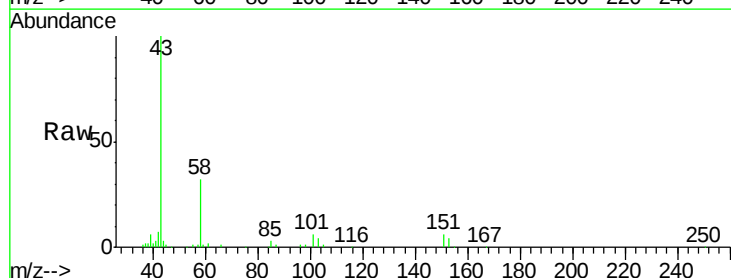
RT: 4.13 min Scan# 365

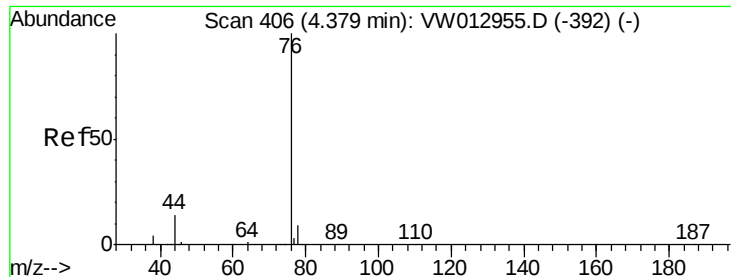
Delta R.T. 0.01 min

Lab File: VW013132.D

Acq: 19 Sep 2019 01:05

Tgt Ion:	43	Resp:	59414
Ion	Ratio	Lower	Upper
43	100		
58	32.1	22.3	33.5





#17

Carbon Disulfide

Concen: 21.082 ug/l

RT: 4.38 min Scan# 406

Delta R.T. -0.00 min

Lab File: VW013132.D

Acq: 19 Sep 2019 01:05

Instrument :

MSVOA_W

ClientSampleId :

VW0918SBS02

Tot Ion: 76 Resp: 95733

Ion Ratio Lower Upper

76 100

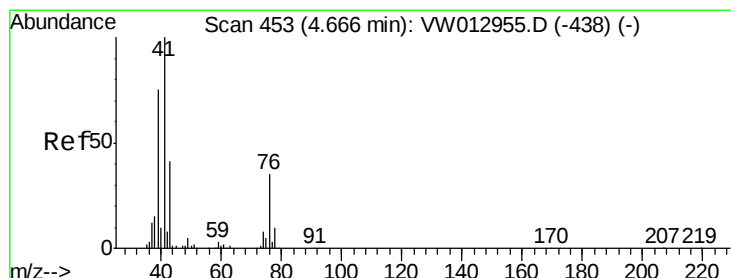
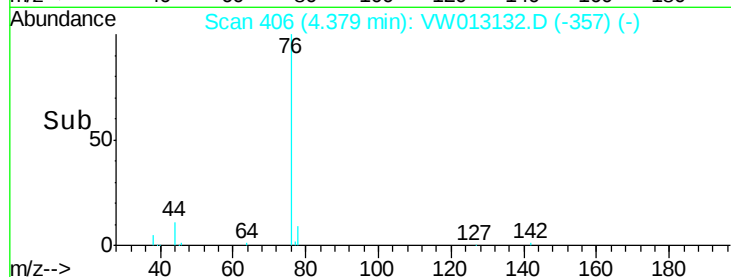
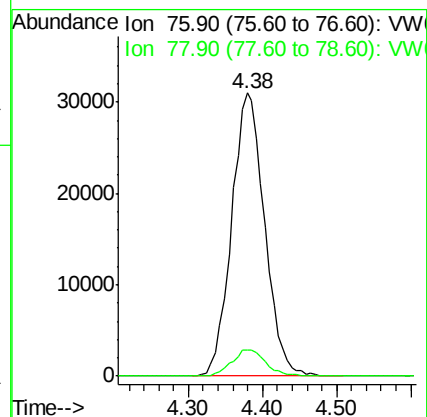
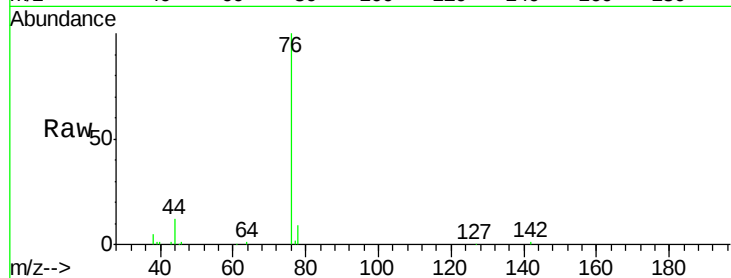
78 9.1 7.0 10.4

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#18

Methyl Acetate

Concen: 26.557 ug/l

RT: 4.67 min Scan# 453

Delta R.T. -0.00 min

Lab File: VW013132.D

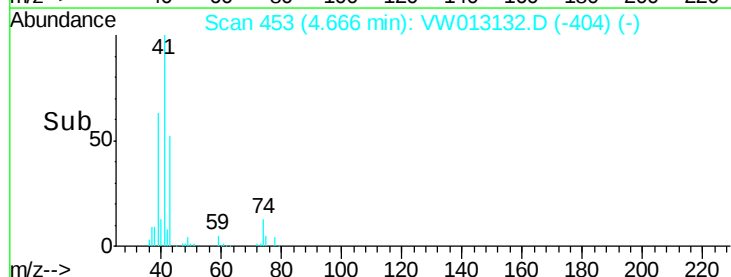
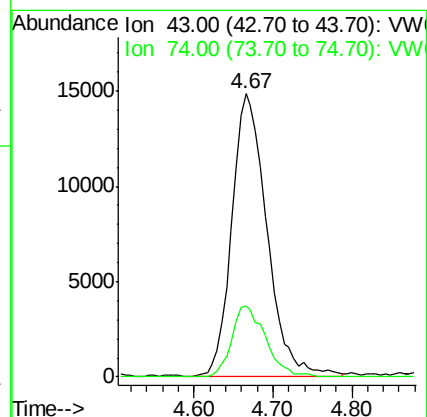
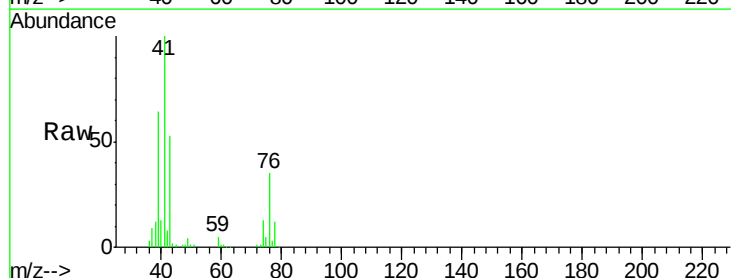
Acq: 19 Sep 2019 01:05

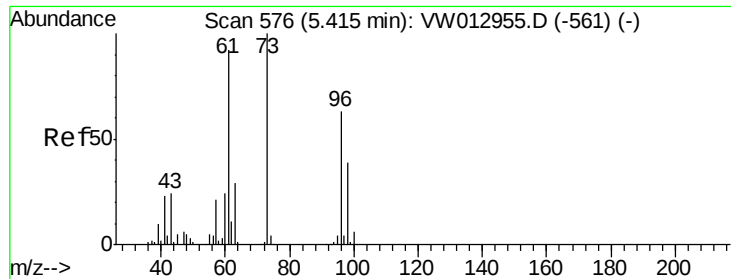
Tgt Ion: 43 Resp: 46131

Ion Ratio Lower Upper

43 100

74 24.1 17.8 26.8





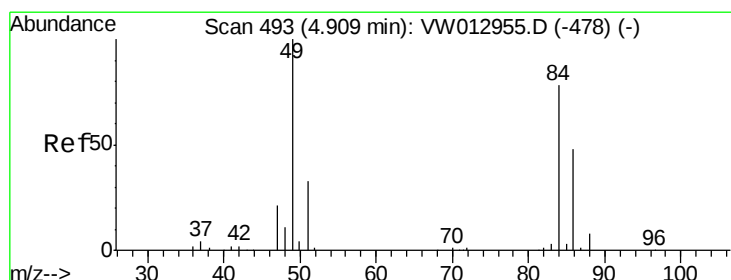
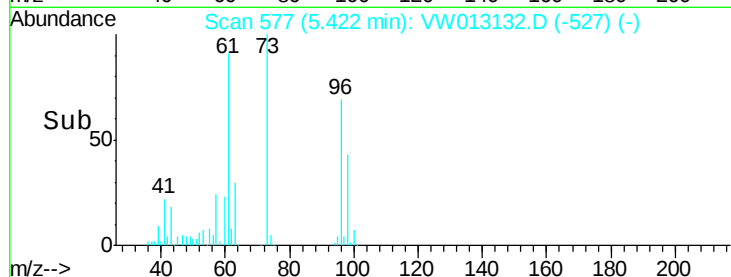
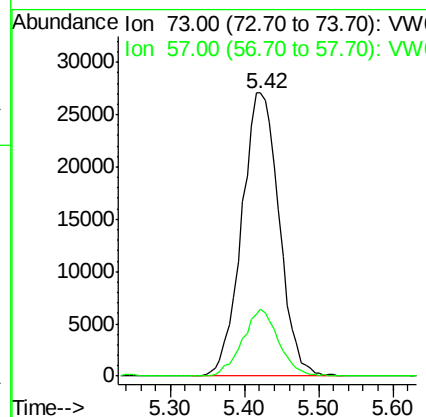
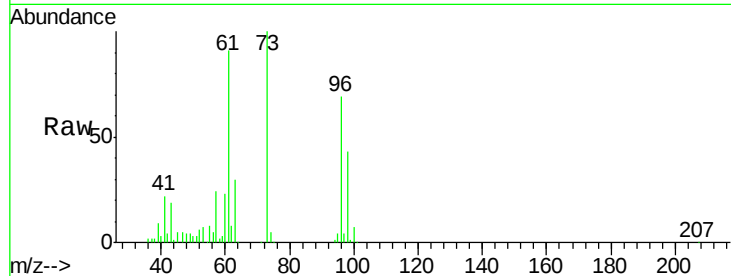
#19
Methyl tert-butyl Ether
Concen: 21.146 ug/l
RT: 5.42 min Scan# 577
Delta R.T. 0.01 min
Lab File: VW013132.D
Acq: 19 Sep 2019 01:05

Instrument :
MSVOA_W
ClientSampleId :
VW0918SBS02

Tot Ion: 73 Resp: 95118
Ion Ratio Lower Upper
73 100
57 23.8 16.4 24.6

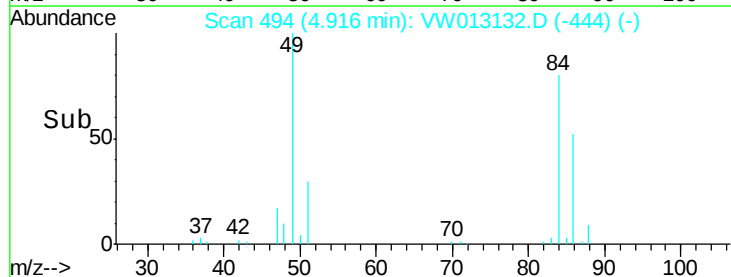
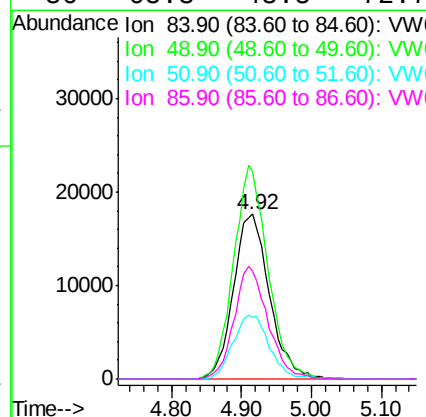
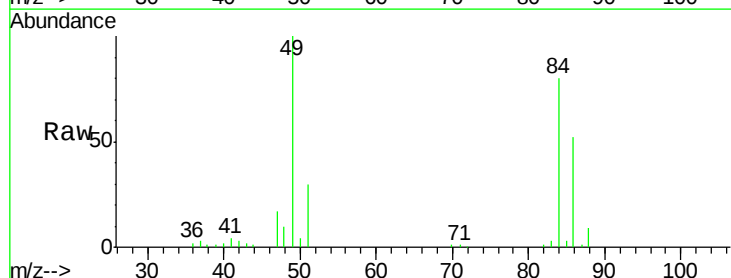
Manual Integrations
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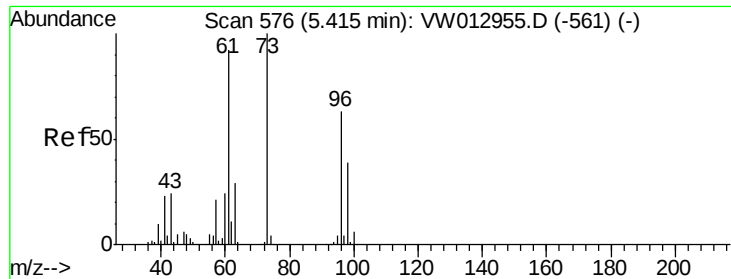
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#20
Methylene Chloride
Concen: 22.634 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.01 min
Lab File: VW013132.D
Acq: 19 Sep 2019 01:05

Tgt Ion: 84 Resp: 62745
Ion Ratio Lower Upper
84 100
49 125.6 102.0 153.0
51 37.3 34.0 51.0
86 65.3 48.5 72.7





#21

trans-1,2-Dichloroethene

Concen: 22.705 ug/l

RT: 5.42 min Scan# 577

Delta R.T. 0.01 min

Lab File: VW013132.D

Acq: 19 Sep 2019 01:05

Instrument :

MSVOA_W

ClientSampleId :

VW0918SBS02

Tot Ion: 96 Resp: 55413

Ion Ratio Lower Upper

96 100

61 132.8 116.2 174.2

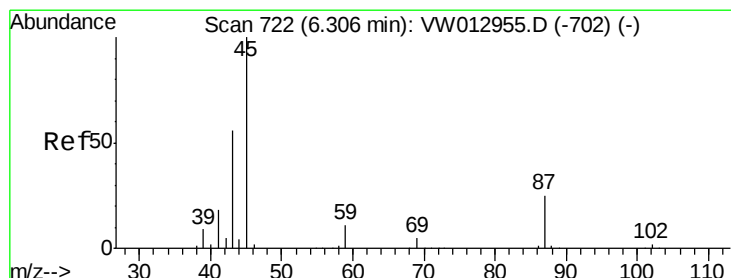
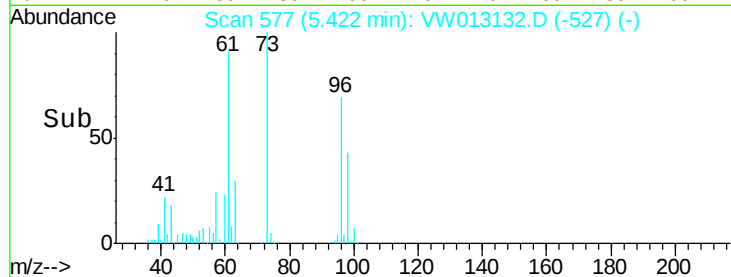
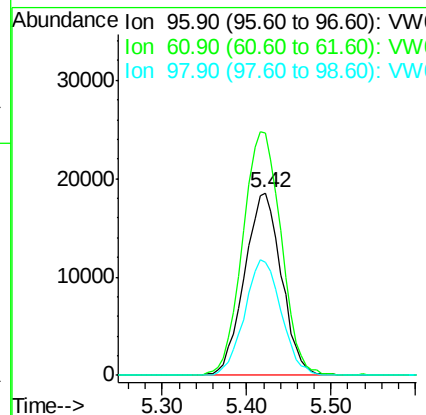
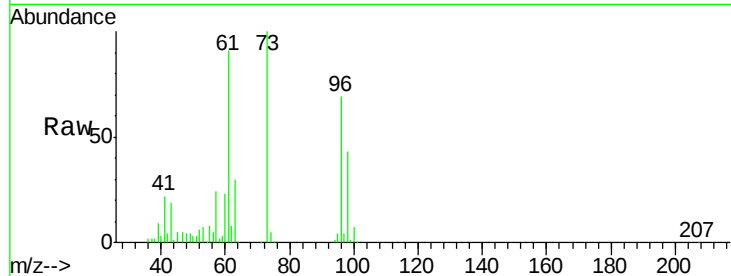
98 62.0 49.8 74.6

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#22

Diisopropyl ether

Concen: 20.898 ug/l

RT: 6.31 min Scan# 722

Delta R.T. -0.00 min

Lab File: VW013132.D

Acq: 19 Sep 2019 01:05

Tgt Ion: 45 Resp: 187813

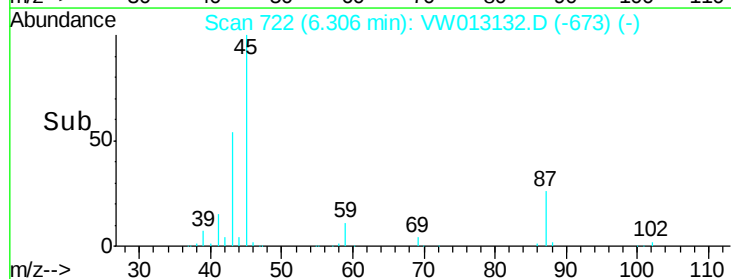
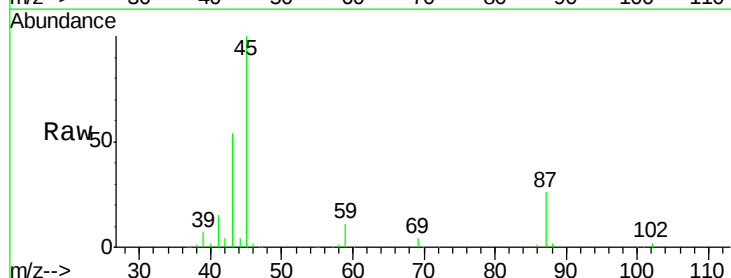
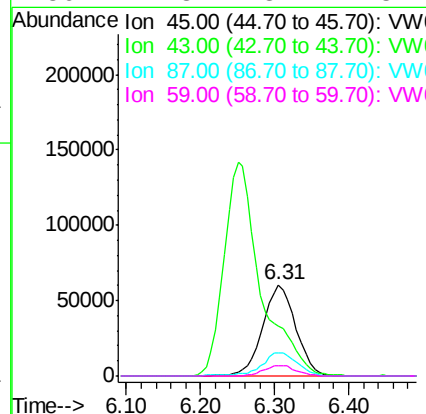
Ion Ratio Lower Upper

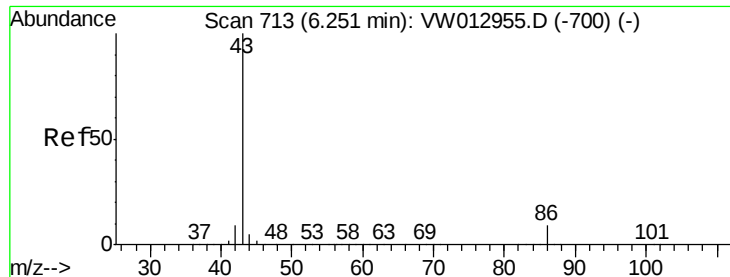
45 100

43 53.9 44.6 67.0

87 25.6 20.0 30.0

59 11.3 8.7 13.1





#23

Vinyl Acetate

Concen: 90.679 ug/l

RT: 6.25 min Scan# 713

Delta R.T. -0.00 min

Lab File: VW013132.D

Acq: 19 Sep 2019 01:05

Instrument :

MSVOA_W

ClientSampleId :

VW0918SBS02

Tot Ion: 43 Resp: 488095

Ion Ratio Lower Upper

43 100

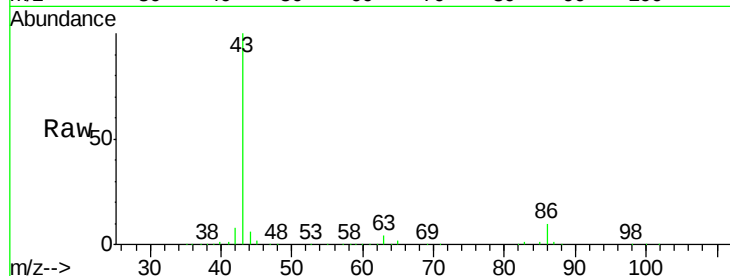
86 10.1 7.0 10.6

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Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW

6.25

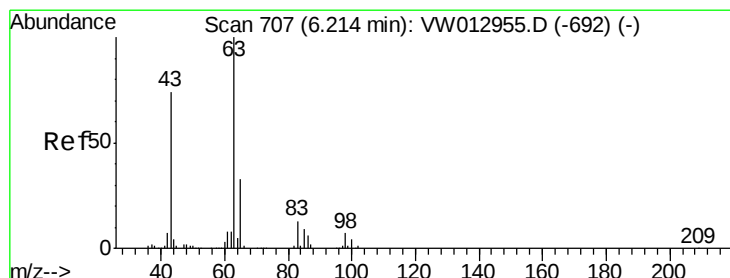
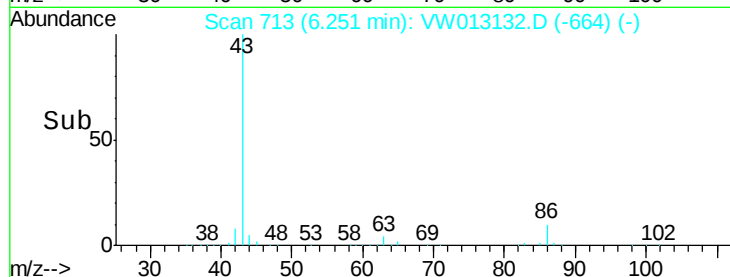
150000

100000

50000

0

Time-->



#24

1,1-Dichloroethane

Concen: 21.118 ug/l

RT: 6.21 min Scan# 706

Delta R.T. -0.01 min

Lab File: VW013132.D

Acq: 19 Sep 2019 01:05

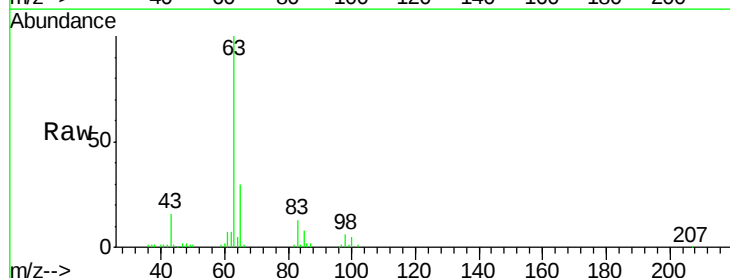
Tgt Ion: 63 Resp: 109424

Ion Ratio Lower Upper

63 100

98 6.3 3.3 9.9

100 5.3 1.8 5.5



Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW

6.21

50000

40000

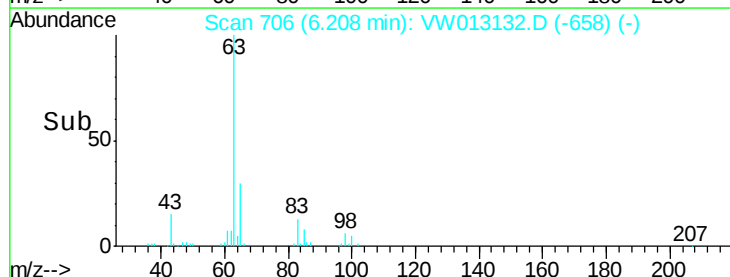
30000

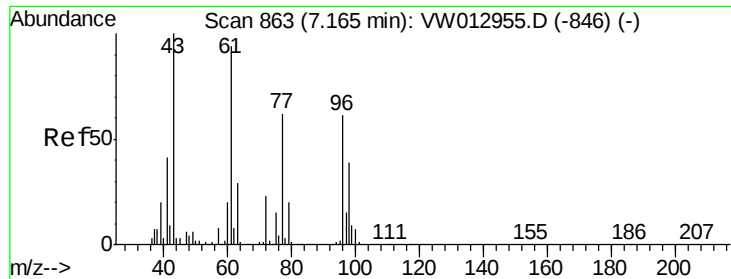
20000

10000

0

Time-->





#25

2-Butanone

Concen: 91.979 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.01 min

Lab File: VW013132.D

Acq: 19 Sep 2019 01:05

Instrument :

MSVOA_W

ClientSampleId :

VW0918SBS02

Tot Ion: 43 Resp: 89173

Ion Ratio Lower Upper

43 100

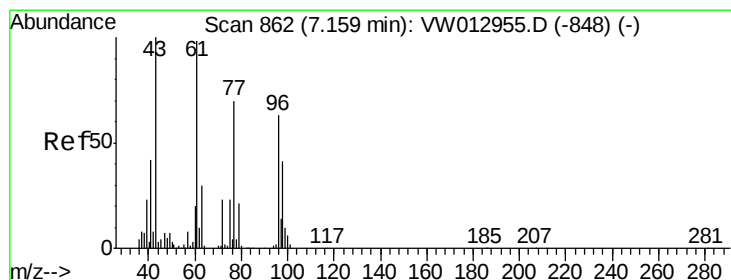
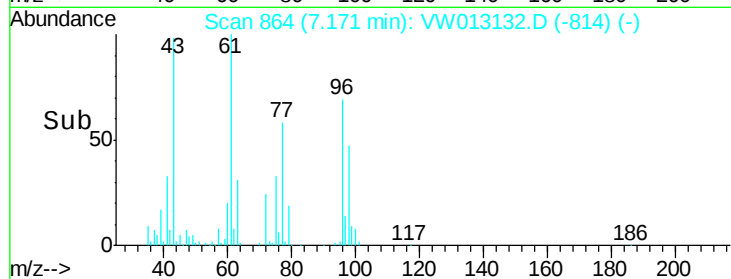
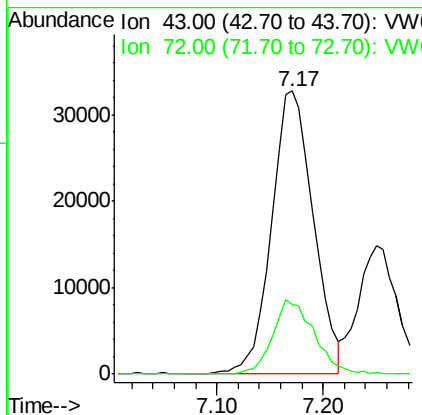
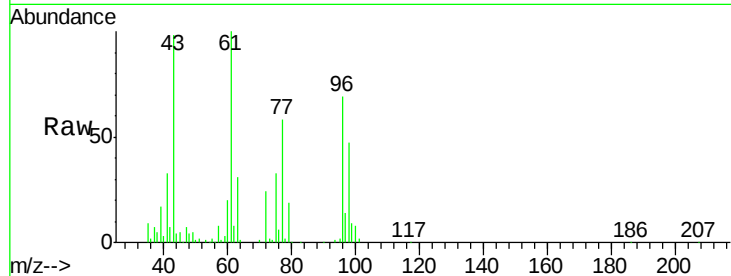
72 24.4 18.2 27.4

Manual Integrations

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9/19/2019 11:21:49 AM



#26

2,2-Dichloropropane

Concen: 16.570 ug/l

RT: 7.17 min Scan# 863

Delta R.T. 0.01 min

Lab File: VW013132.D

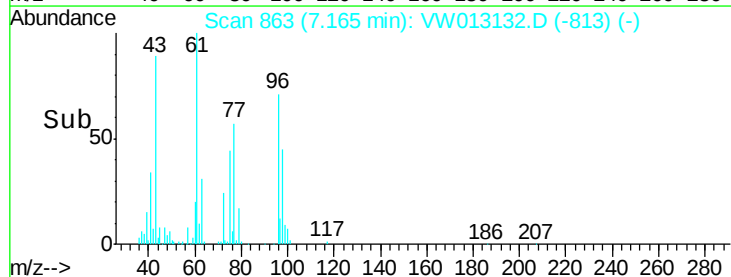
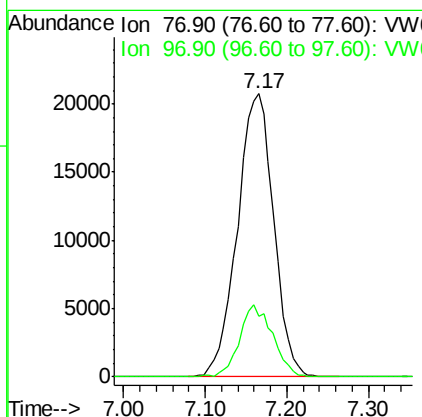
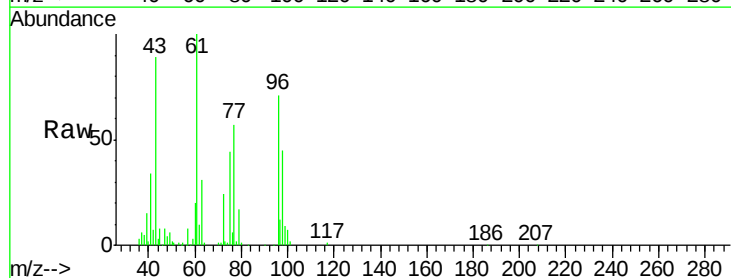
Acq: 19 Sep 2019 01:05

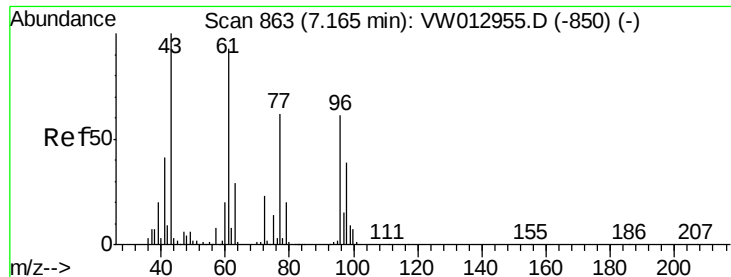
Tgt Ion: 77 Resp: 64024

Ion Ratio Lower Upper

77 100

97 23.2 10.7 32.1





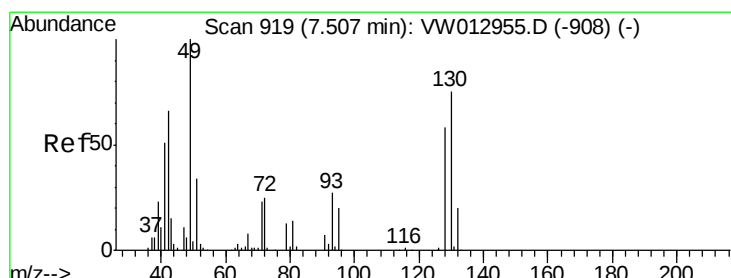
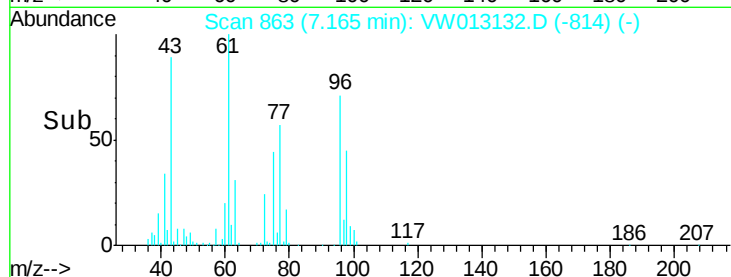
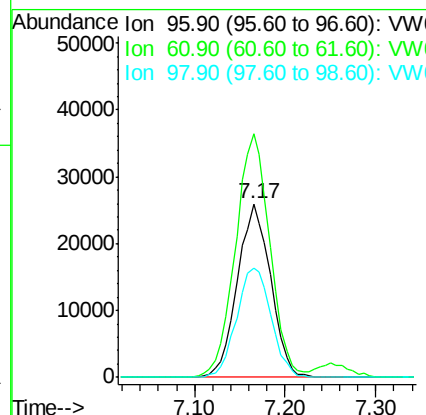
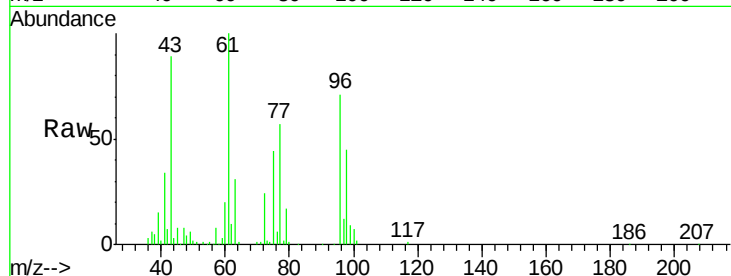
#27
 cis-1,2-Dichloroethene
 Concen: 22.579 ug/l
 RT: 7.17 min Scan# 863
 Delta R.T. -0.00 min
 Lab File: VW013132.D
 Acq: 19 Sep 2019 01:05

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0918SBS02

Tot Ion	Ratio	Lower	Upper
96	100		
61	144.8	0.0	315.4
98	65.4	0.0	131.0

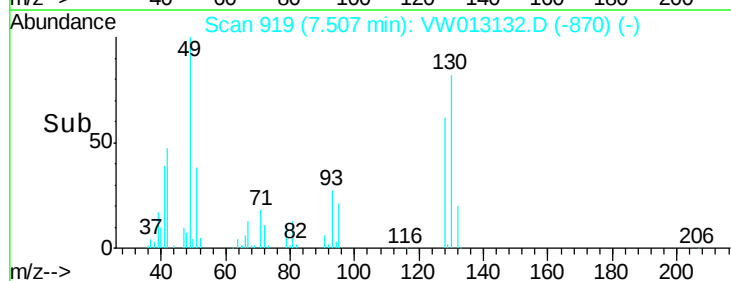
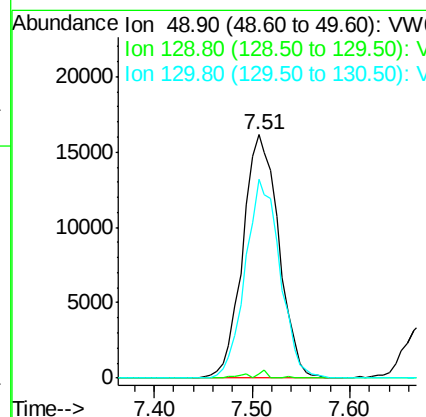
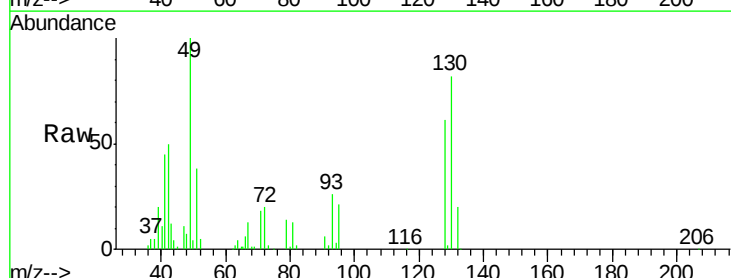
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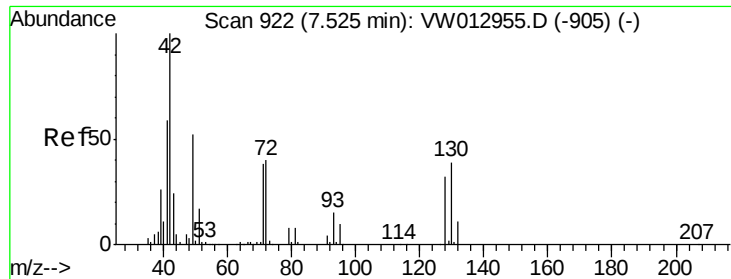
MMDadoda
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#28
 Bromochloromethane
 Concen: 18.889 ug/l
 RT: 7.51 min Scan# 919
 Delta R.T. -0.00 min
 Lab File: VW013132.D
 Acq: 19 Sep 2019 01:05

Tgt Ion	Ratio	Lower	Upper
49	100		
129	0.7	0.0	1.4
130	78.7	57.8	86.6





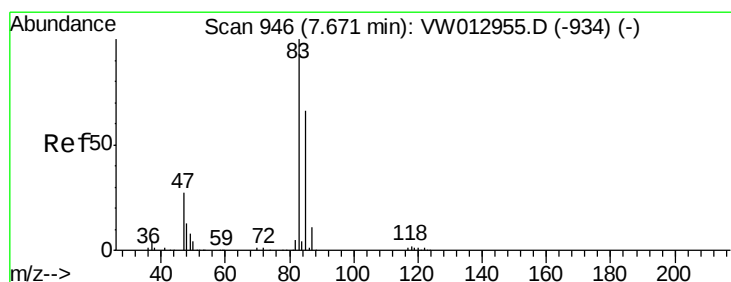
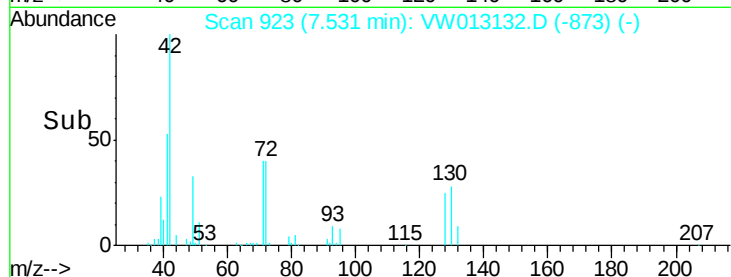
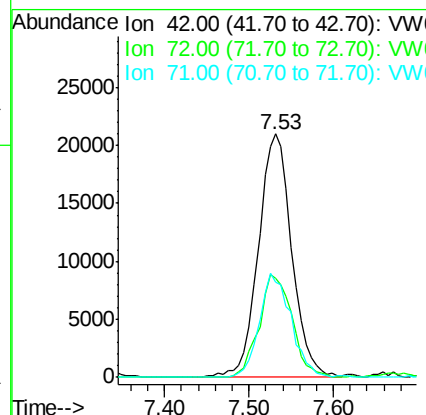
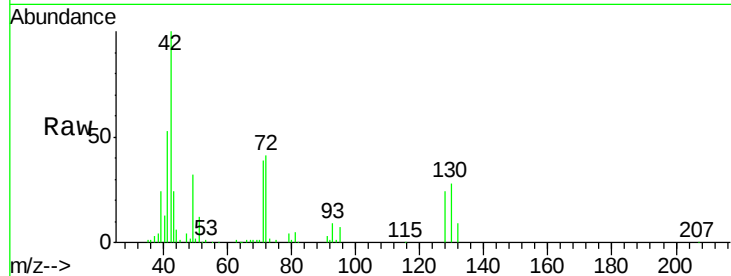
#29
Tetrahydrofuran
Concen: 103.030 ug/l
RT: 7.53 min Scan# 923
Delta R.T. 0.01 min
Lab File: VW013132.D
Acq: 19 Sep 2019 01:05

Instrument :
MSVOA_W
ClientSampleId :
VW0918SBS02

Tot Ion	Ratio	Lower	Upper
42	100		
72	41.8	31.4	47.0
71	40.6	29.8	44.8

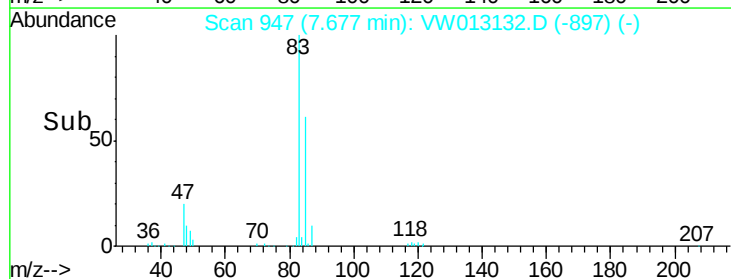
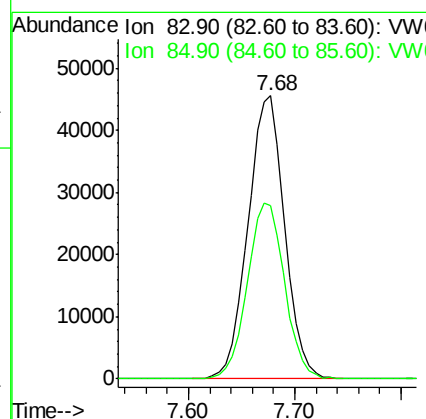
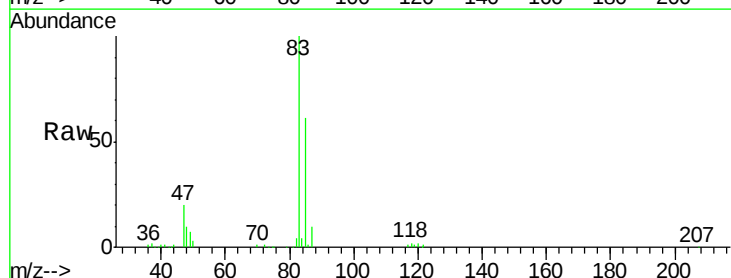
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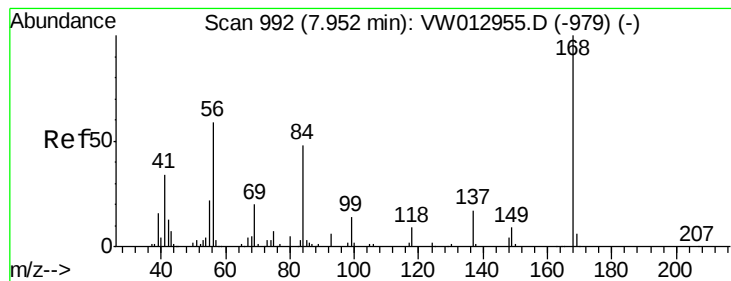
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#30
Chloroform
Concen: 20.891 ug/l
RT: 7.68 min Scan# 947
Delta R.T. 0.01 min
Lab File: VW013132.D
Acq: 19 Sep 2019 01:05

Tgt Ion	Ratio	Lower	Upper
83	100		
85	61.4	52.8	79.2





#31

Cyclohexane

Concen: 20.781 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW013132.D

Acq: 19 Sep 2019 01:05

Instrument :

MSVOA_W

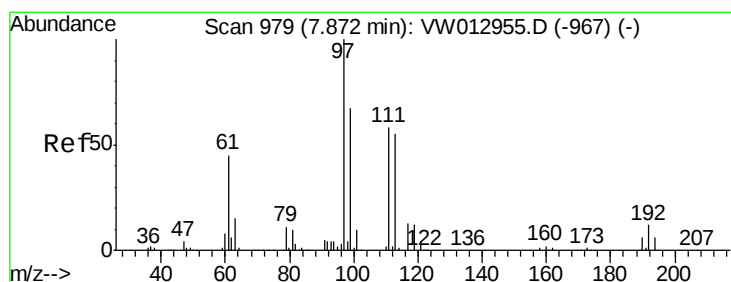
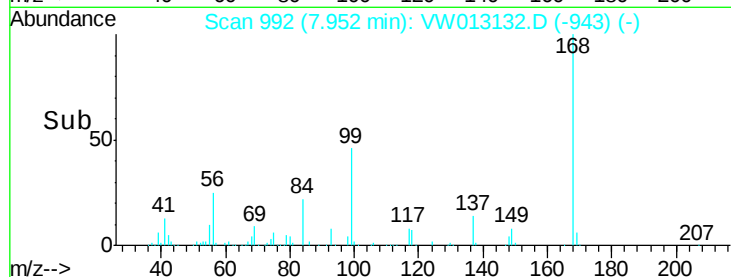
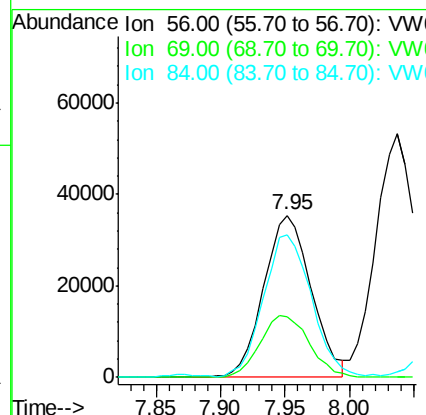
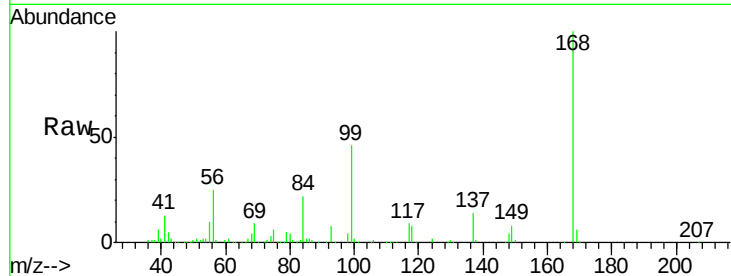
ClientSampleId :

VW0918SBS02

Tot Ion:	56	Resp:	90493
Ion Ratio	Lower	Upper	
56	100		
69	37.4	27.0	40.6
84	86.8	66.2	99.2

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#32

1,1,1-Trichloroethane

Concen: 19.188 ug/l

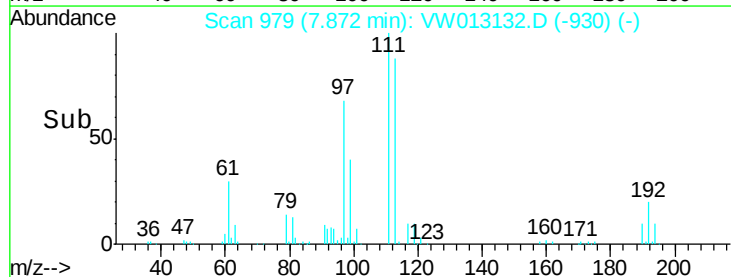
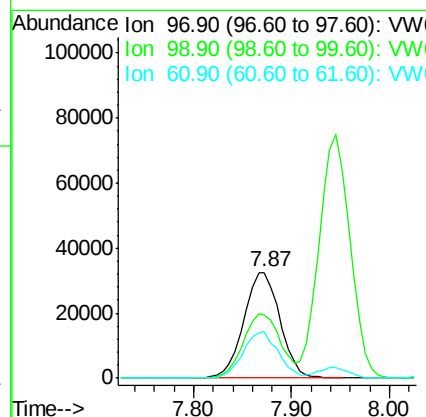
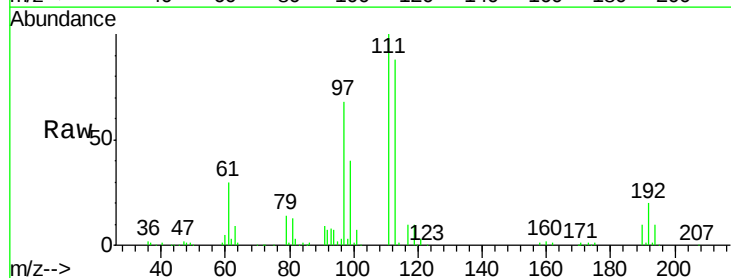
RT: 7.87 min Scan# 979

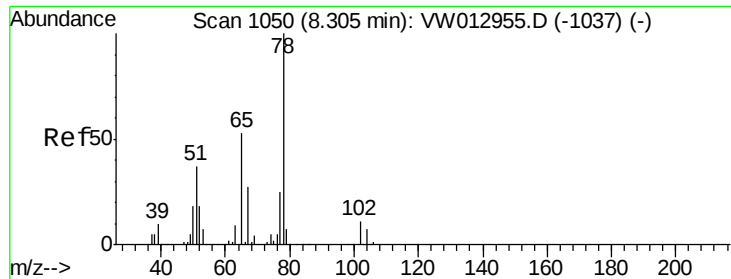
Delta R.T. -0.00 min

Lab File: VW013132.D

Acq: 19 Sep 2019 01:05

Tgt Ion:	97	Resp:	83195
Ion Ratio	Lower	Upper	
97	100		
99	62.4	53.0	79.4
61	42.9	36.5	54.7





#33

1,2-Dichloroethane-d4

Concen: 43.022 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW013132.D

Acq: 19 Sep 2019 01:05

Instrument :

MSVOA_W

ClientSampleId :

VW0918SBS02

Tot Ion: 65 Resp: 131172

Ion Ratio Lower Upper

65 100

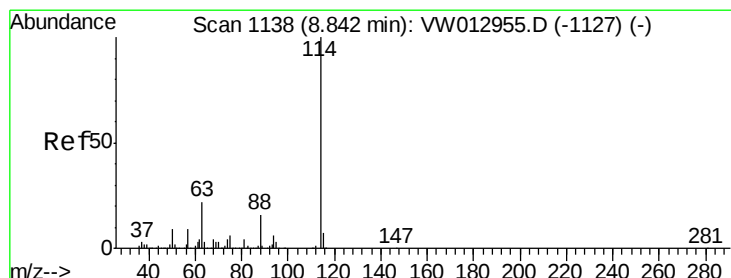
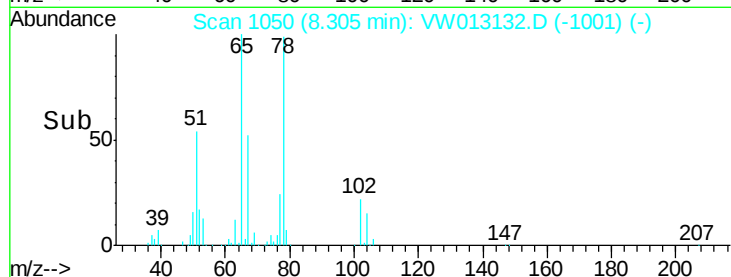
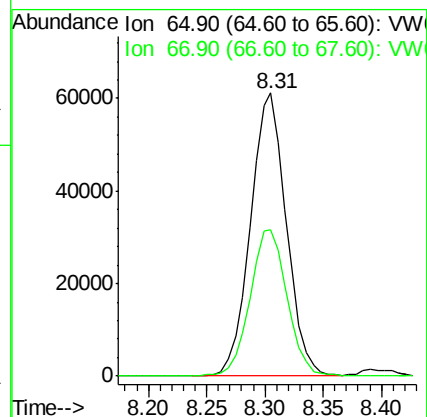
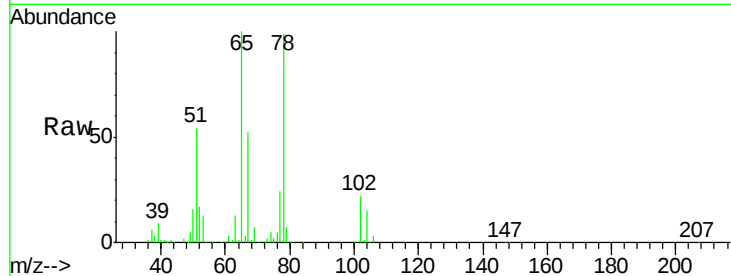
67 53.5 0.0 101.2

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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: VW013132.D

Acq: 19 Sep 2019 01:05

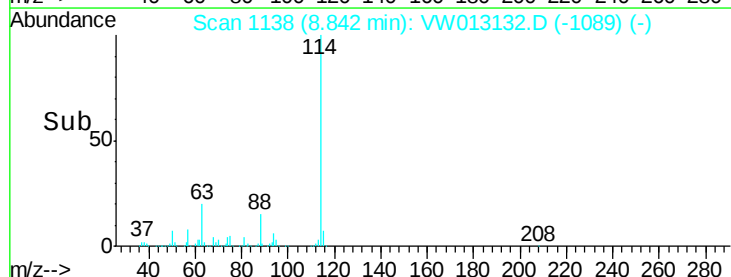
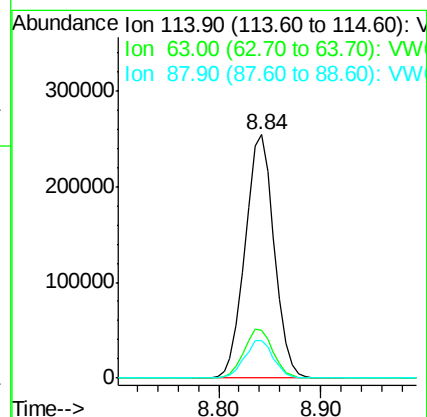
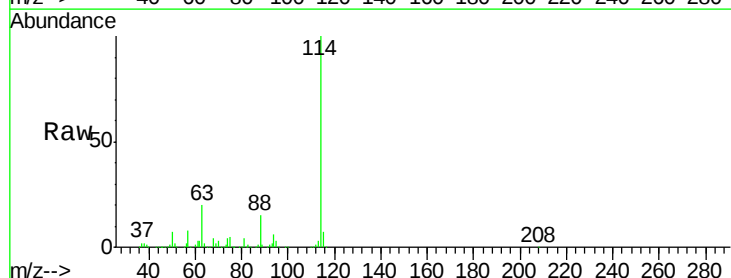
Tgt Ion: 114 Resp: 502606

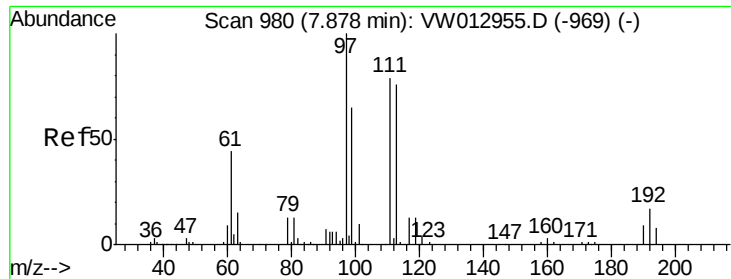
Ion Ratio Lower Upper

114 100

63 19.8 0.0 43.4

88 15.3 0.0 31.6





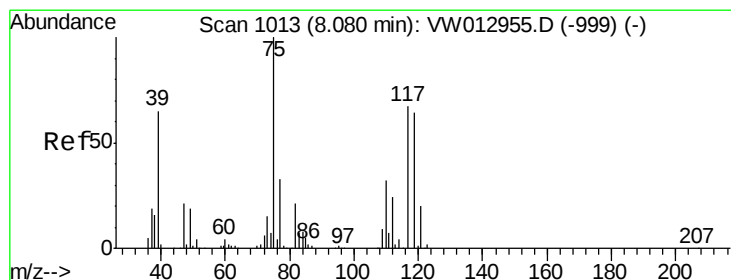
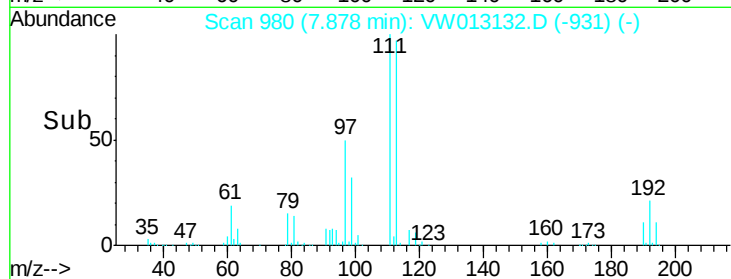
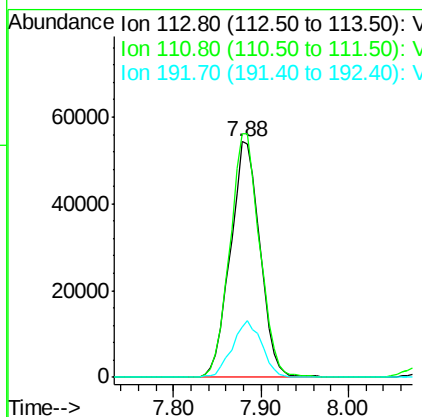
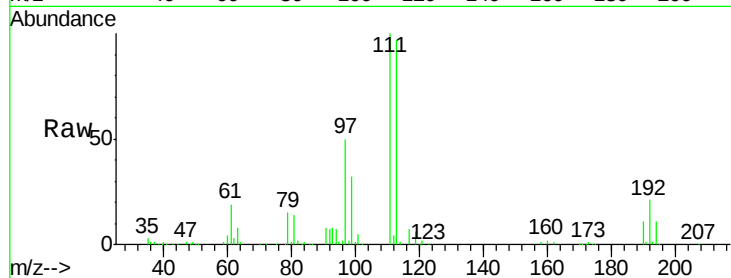
#35
 Dibromofluoromethane
 Concen: 46.877 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. -0.00 min
 Lab File: VW013132.D
 Acq: 19 Sep 2019 01:05

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0918SBS02

Tot Ion	Ratio	Resp	Lower	Upper
113	100	127842		
111	104.4	82.8	124.2	
192	23.9	17.8	26.8	

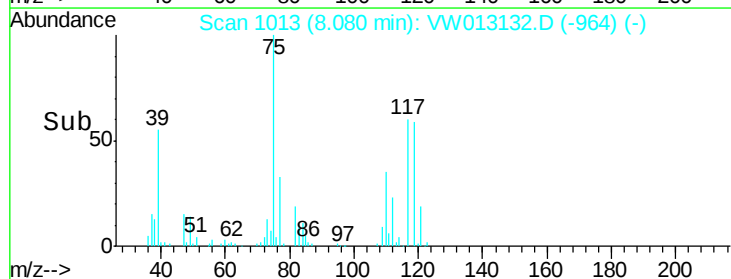
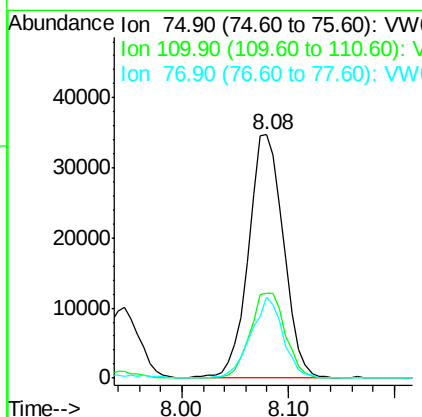
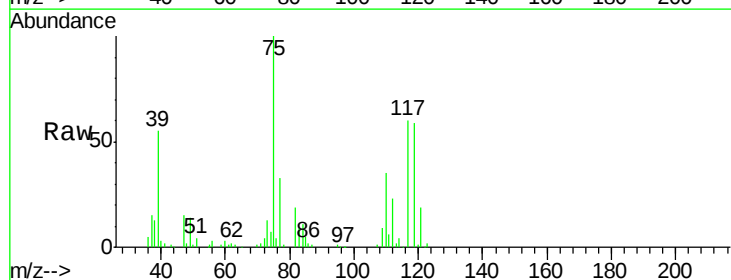
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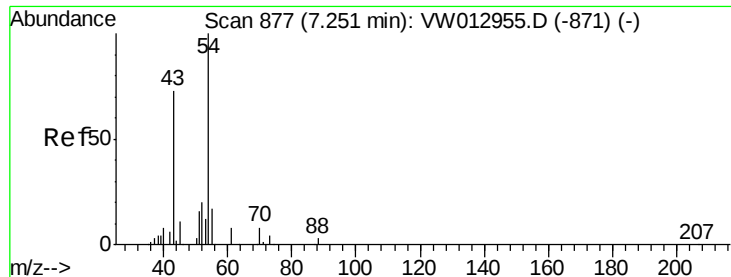
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#36
 1,1-Dichloropropene
 Concen: 19.907 ug/l
 RT: 8.08 min Scan# 1013
 Delta R.T. -0.00 min
 Lab File: VW013132.D
 Acq: 19 Sep 2019 01:05

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	79950		
110	35.4	16.4	49.1	
77	31.0	25.1	37.7	





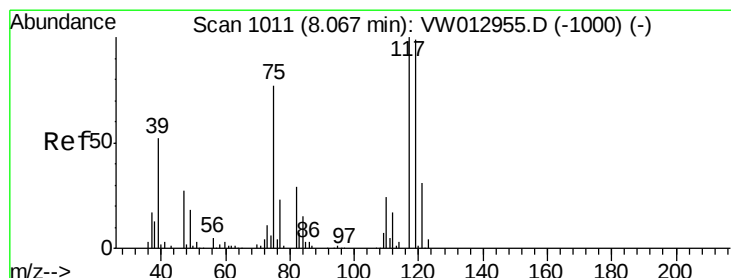
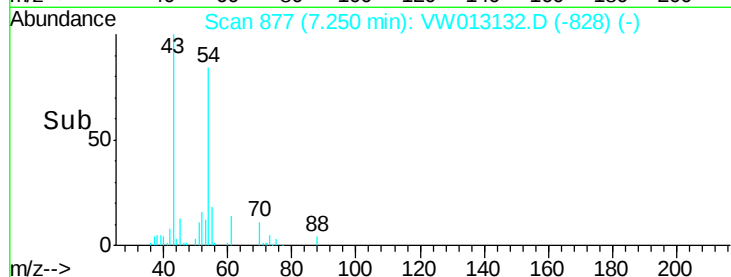
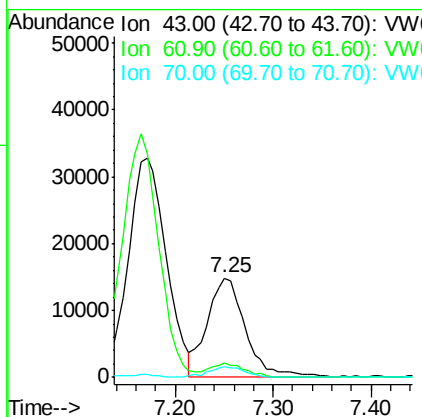
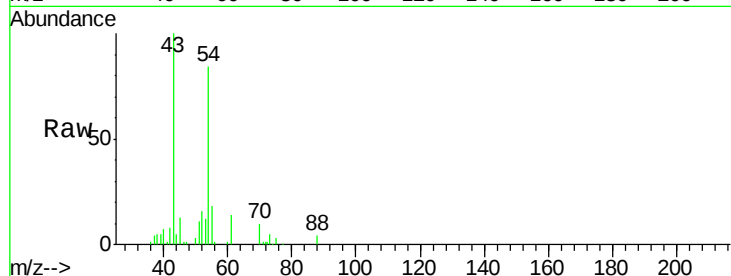
#37
Ethyl Acetate
Concen: 18.710 ug/l
RT: 7.25 min Scan# 877
Delta R.T. -0.00 min
Lab File: VW013132.D
Acq: 19 Sep 2019 01:05

Instrument :
MSVOA_W
ClientSampleID :
VW0918SBS02

Tot Ion	Ratio	Resp	Lower	Upper
43	100	39885		
61	13.6		9.6	14.4
70	9.9		7.6	11.4

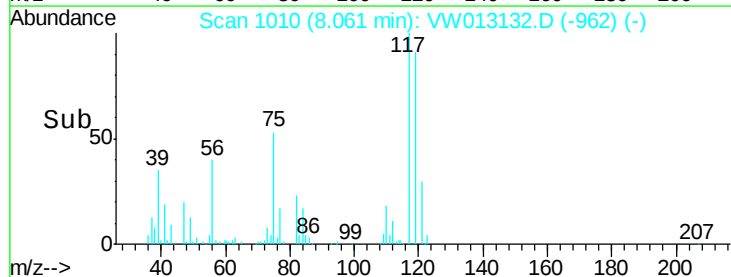
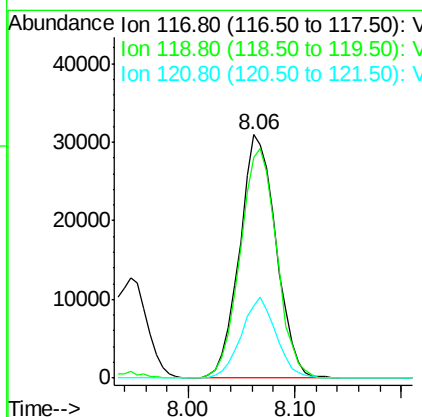
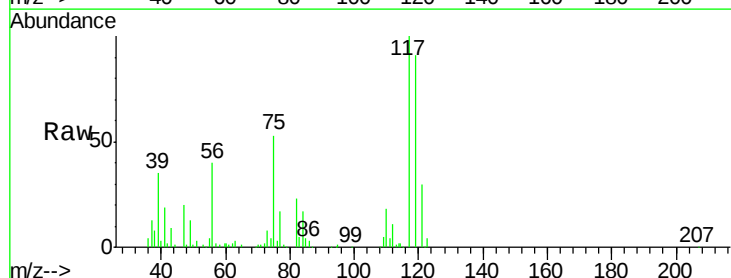
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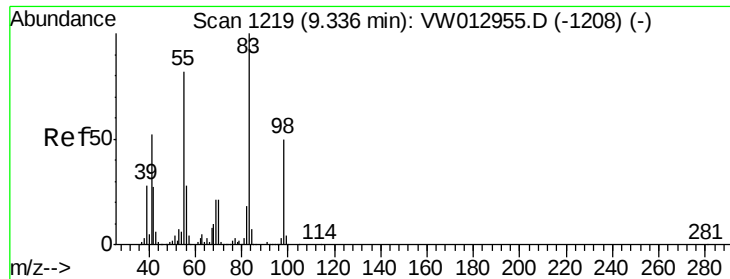
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#38
Carbon Tetrachloride
Concen: 18.116 ug/l
RT: 8.06 min Scan# 1010
Delta R.T. -0.01 min
Lab File: VW013132.D
Acq: 19 Sep 2019 01:05

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	74563		
119	90.8		79.4	119.0
121	29.5		24.6	36.8





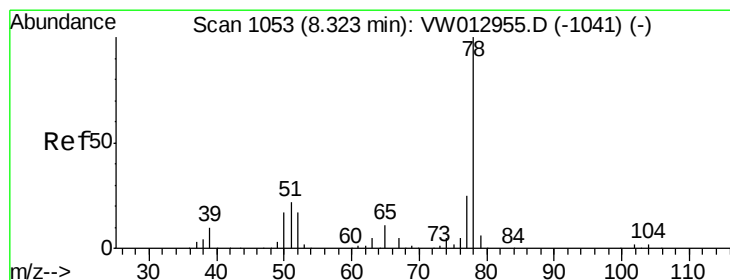
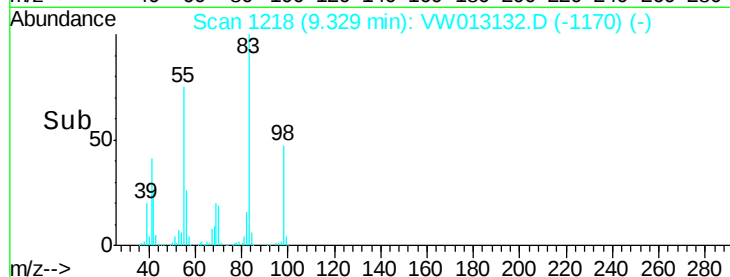
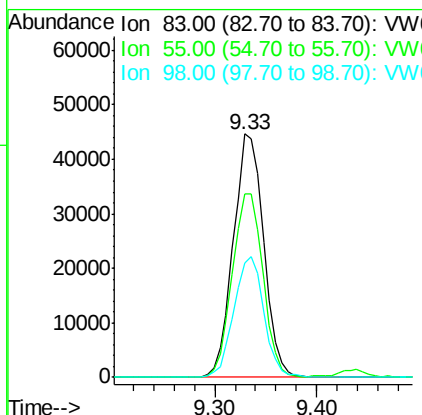
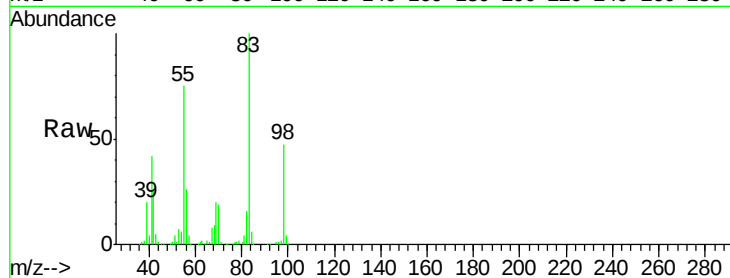
#39
Methvlcvclohexane
Concen: 20.908 ug/l
RT: 9.33 min Scan# 1218
Delta R.T. -0.01 min
Lab File: VW013132.D
Acq: 19 Sep 2019 01:05

Instrument :
MSVOA_W
ClientSampleId :
VW0918SBS02

Tot Ion	Ratio	Lower	Upper
83	100		
55	75.3	65.9	98.9
98	46.8	39.6	59.4

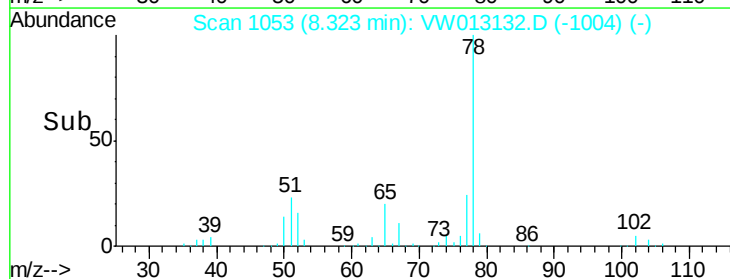
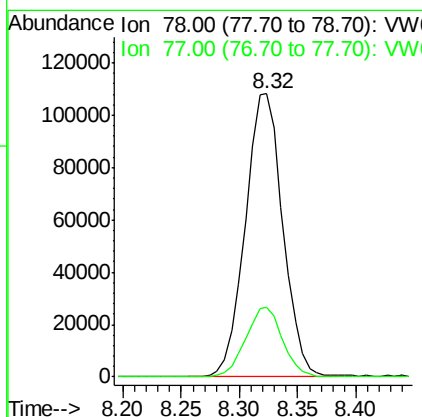
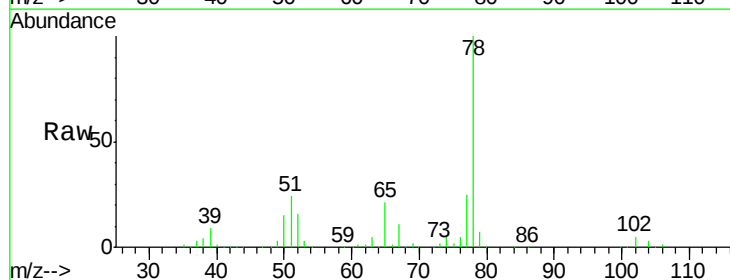
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#40
Benzene
Concen: 21.585 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.00 min
Lab File: VW013132.D
Acq: 19 Sep 2019 01:05

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.5	19.6	29.4





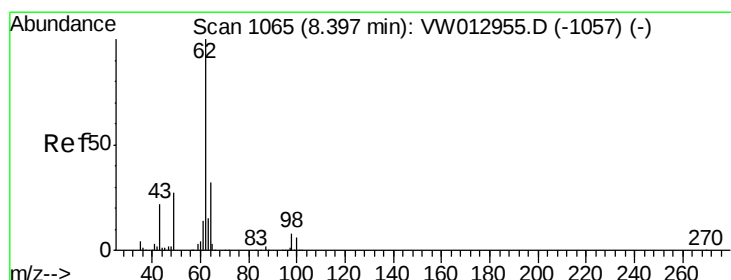
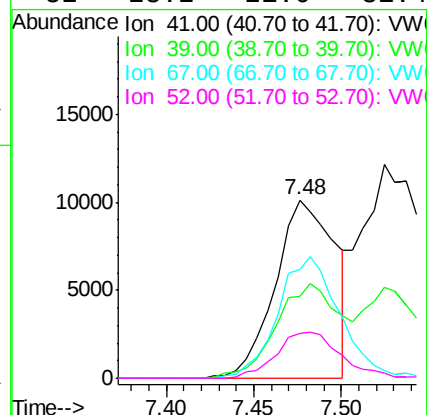
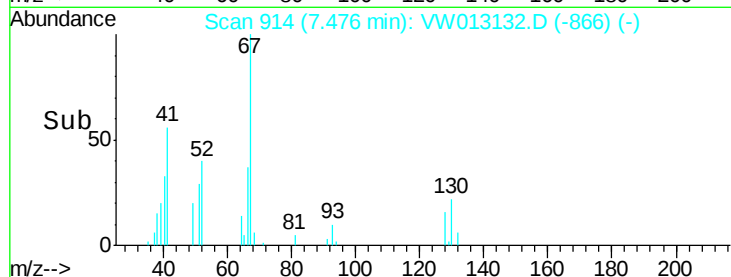
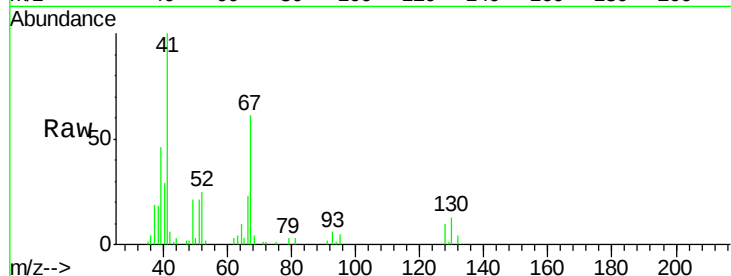
#41
Methacrylonitrile
Concen: 17.139 ug/l
RT: 7.48 min Scan# 914
Delta R.T. -0.01 min
Lab File: VW013132.D
Acq: 19 Sep 2019 01:05

Instrument :
MSVOA_W
ClientSampleId :
VW0918SBS02

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		24061		
39	57.7	48.2	72.4		
67	71.0	47.5	71.3		
52	28.2	21.0	31.4		

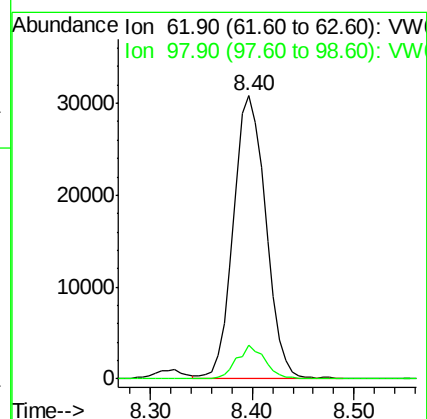
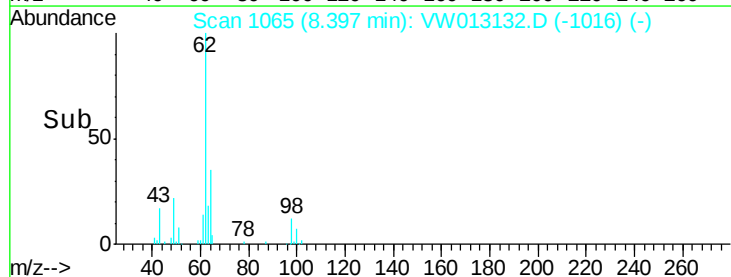
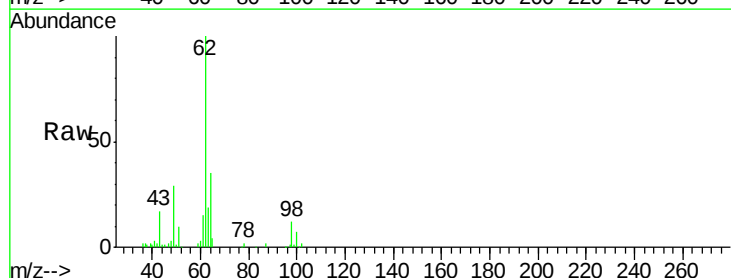
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#42
1,2-Dichloroethane
Concen: 18.074 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. -0.00 min
Lab File: VW013132.D
Acq: 19 Sep 2019 01:05

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		67931		
98	10.3	0.0	16.8		





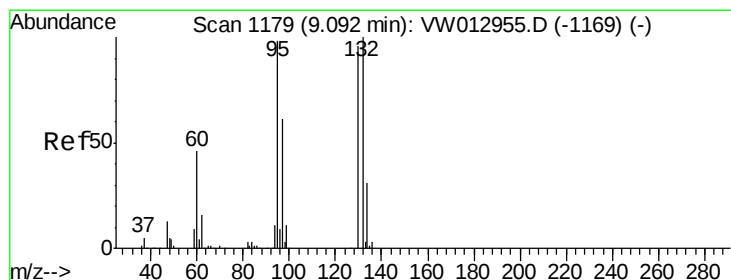
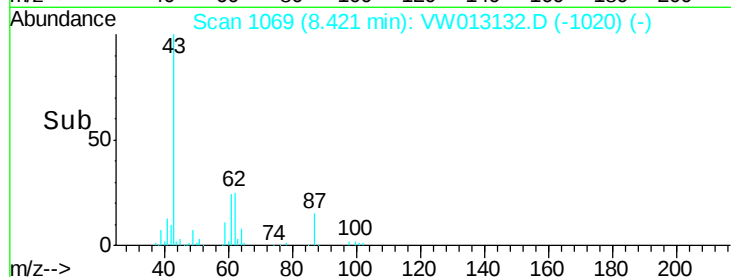
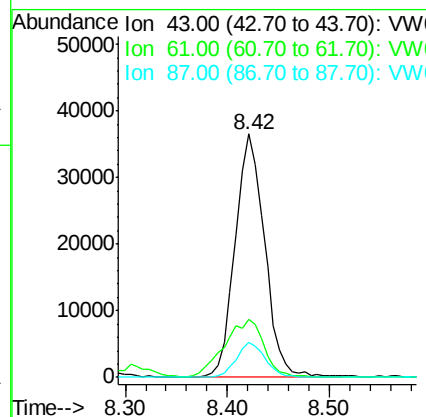
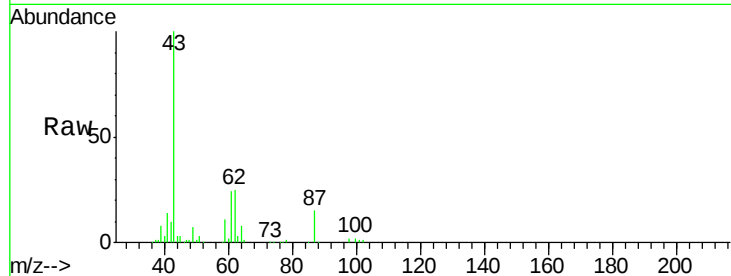
#43
Isopropyl Acetate
Concen: 17.941 ug/l
RT: 8.42 min Scan# 1069
Delta R.T. -0.00 min
Lab File: VW013132.D
Acq: 19 Sep 2019 01:05

Instrument :
MSVOA_W
ClientSampleId :
VW0918SBS02

Tot Ion	Ratio	Lower	Upper
43	100		
61	32.0	22.7	34.1
87	13.8	9.4	14.2

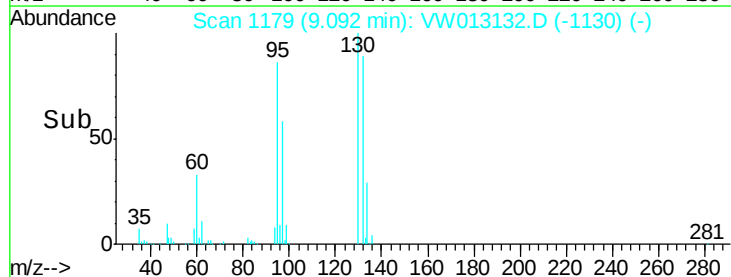
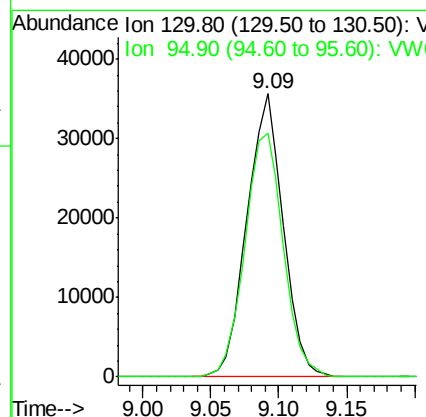
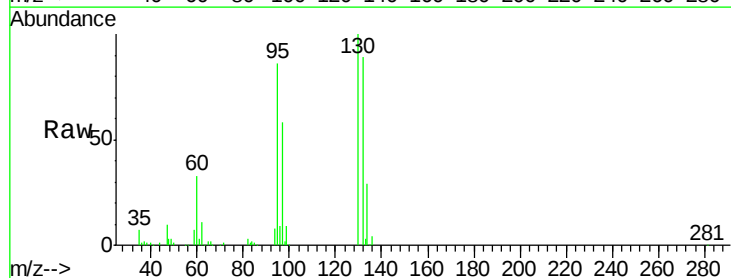
Manual Integrations
APPROVED

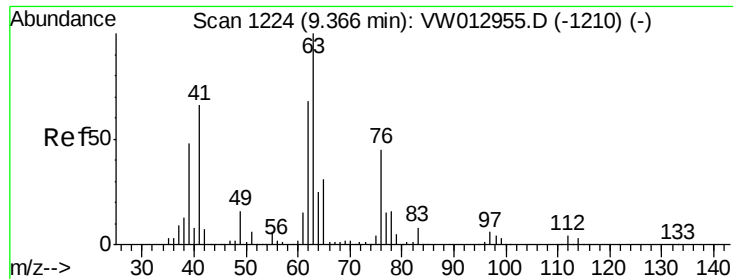
MMDadoda
9/19/2019 11:21:49 AM



#44
Trichloroethene
Concen: 21.654 ug/l
RT: 9.09 min Scan# 1179
Delta R.T. -0.00 min
Lab File: VW013132.D
Acq: 19 Sep 2019 01:05

Tgt Ion	Ratio	Lower	Upper
130	100		
95	86.2	0.0	204.4





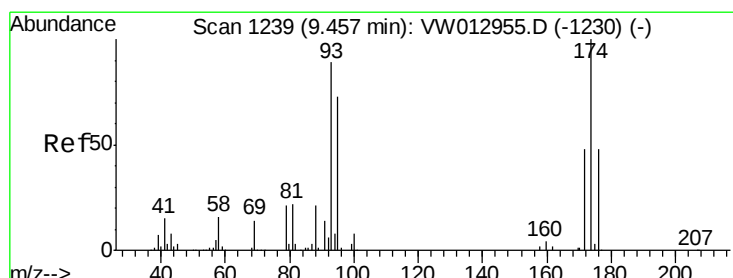
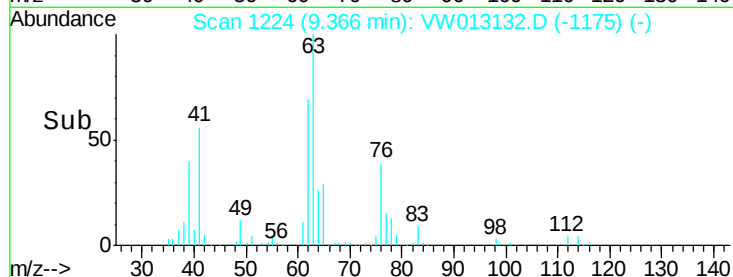
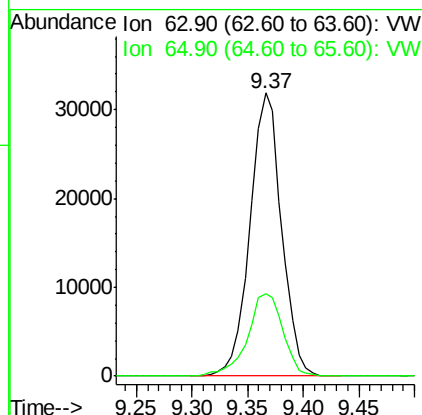
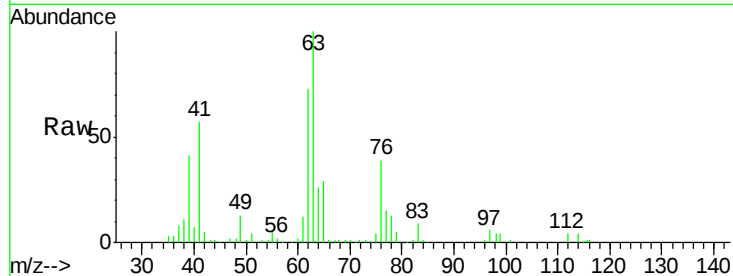
#45
 1,2-Dichloropropane
 Concen: 21.128 ug/l
 RT: 9.37 min Scan# 1224
 Delta R.T. -0.00 min
 Lab File: VW013132.D
 Acq: 19 Sep 2019 01:05

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0918SBS02

Tot Ion: 63 Resp: 62937
 Ion Ratio Lower Upper
 63 100
 65 29.2 24.6 37.0

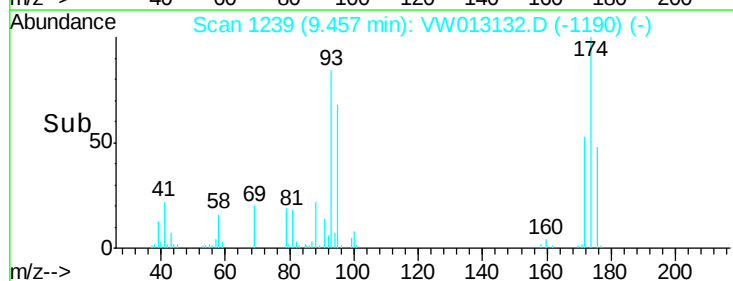
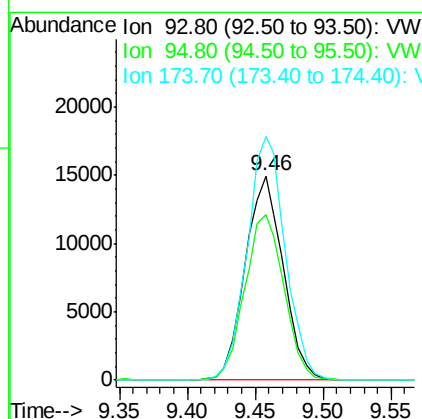
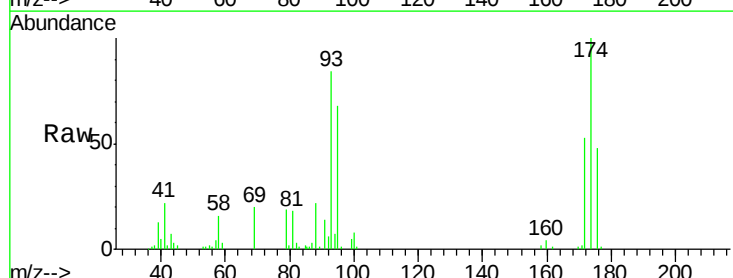
Manual Integrations
 APPROVED

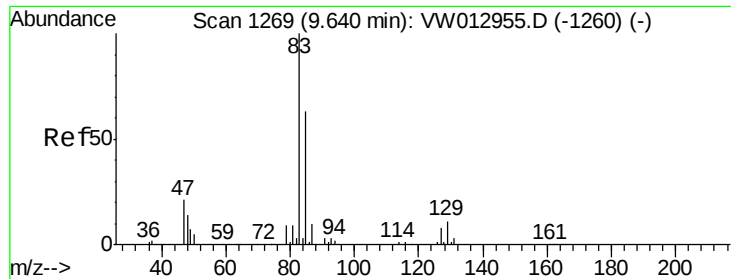
MMDadoda
 9/19/2019 11:21:49 AM



#46
 Dibromomethane
 Concen: 20.438 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. -0.00 min
 Lab File: VW013132.D
 Acq: 19 Sep 2019 01:05

Tgt Ion: 93 Resp: 29169
 Ion Ratio Lower Upper
 93 100
 95 83.8 67.0 100.4
 174 120.3 90.5 135.7





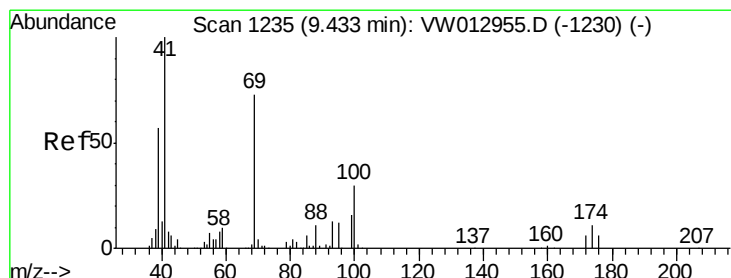
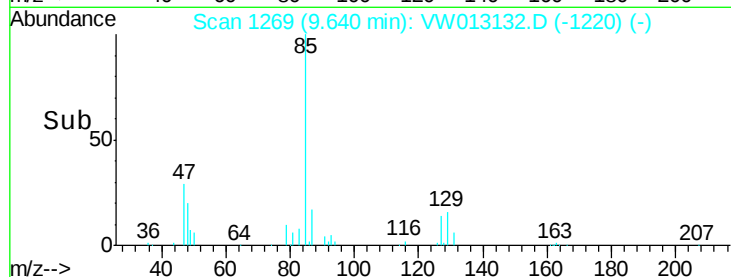
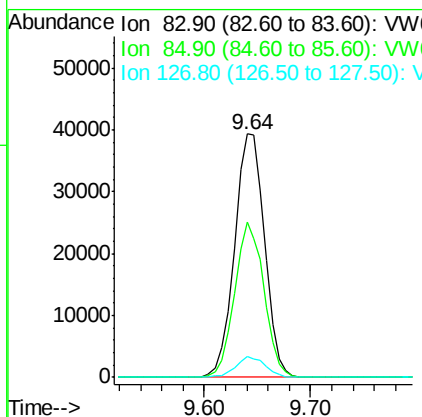
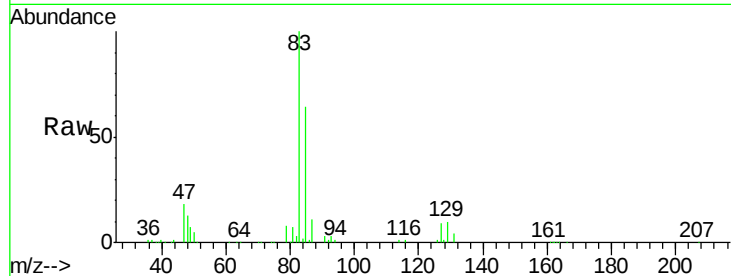
#47
Bromodichloromethane
Concen: 19.448 ug/l
RT: 9.64 min Scan# 1269
Delta R.T. -0.00 min
Lab File: VW013132.D
Acq: 19 Sep 2019 01:05

Instrument :
MSVOA_W
ClientSampleId :
VW0918SBS02

Tot Ion	Ratio	Lower	Upper
83	100		
85	63.9	50.6	75.8
127	8.8	6.7	10.1

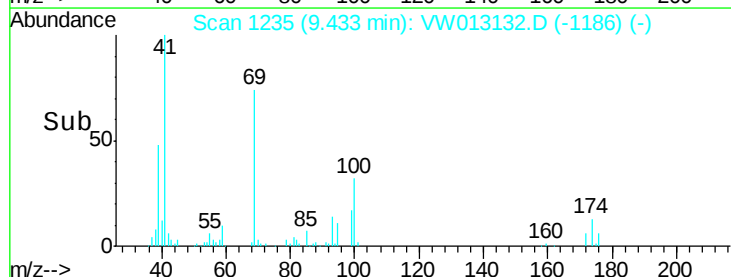
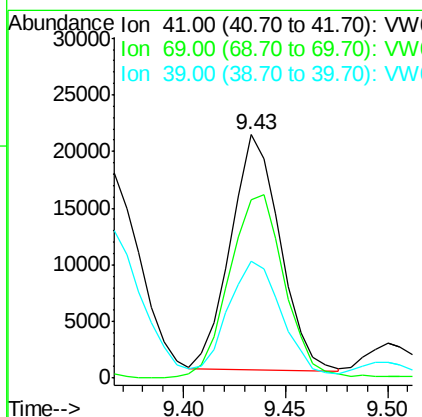
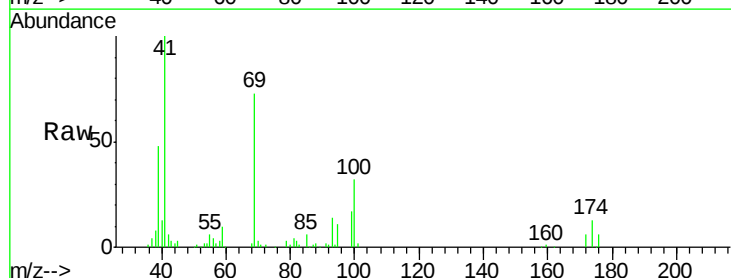
Manual Integrations
APPROVED

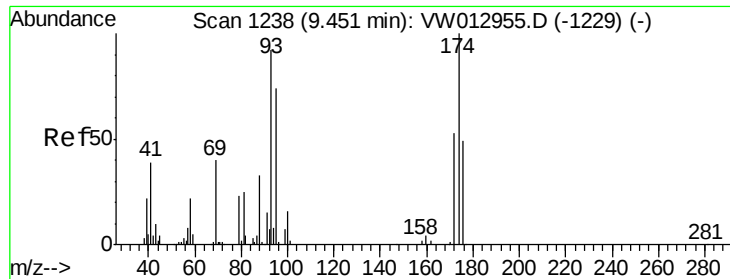
MMDadoda
9/19/2019 11:21:49 AM



#48
Methyl methacrylate
Concen: 18.226 ug/l
RT: 9.43 min Scan# 1235
Delta R.T. -0.00 min
Lab File: VW013132.D
Acq: 19 Sep 2019 01:05

Tgt Ion	Ratio	Lower	Upper
41	100		
69	87.7	62.8	94.2
39	55.4	48.5	72.7





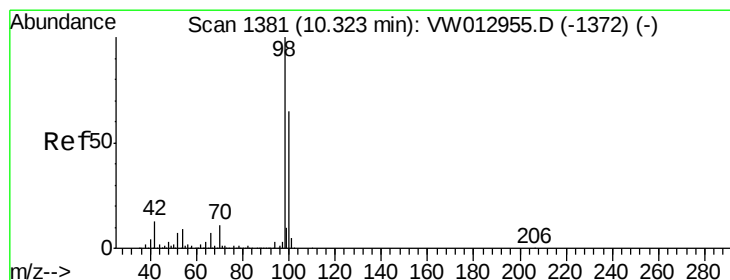
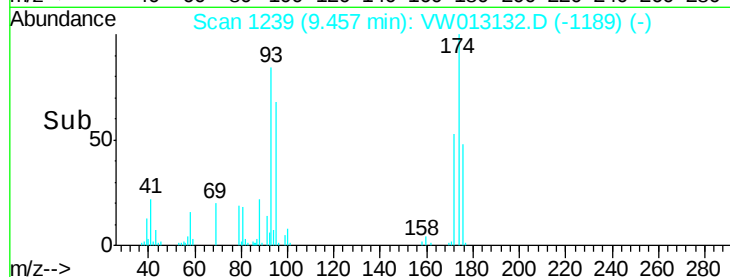
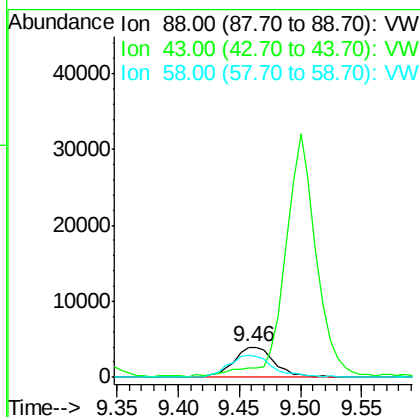
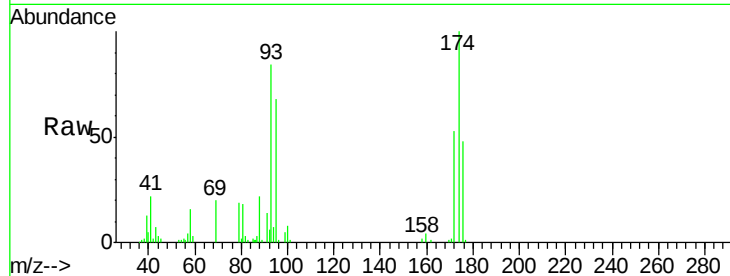
#49
1,4-Dioxane
Concen: 387.303 ug/l
RT: 9.46 min Scan# 1239
Delta R.T. 0.01 min
Lab File: VW013132.D
Acq: 19 Sep 2019 01:05

Instrument :
MSVOA_W
ClientSampleId :
VW0918SBS02

Tot Ion	Ratio	Lower	Upper
88	100		
43	0.0	31.3	46.9#
58	79.4	60.2	90.2

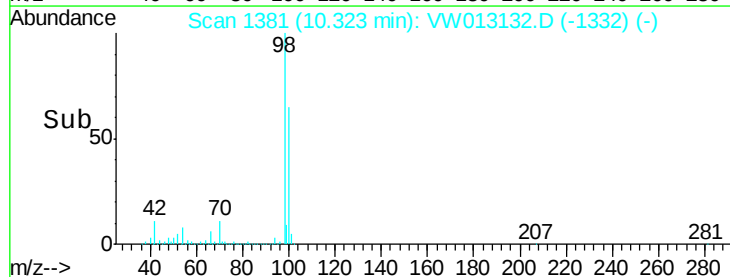
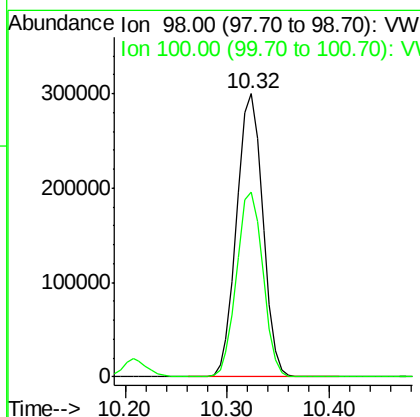
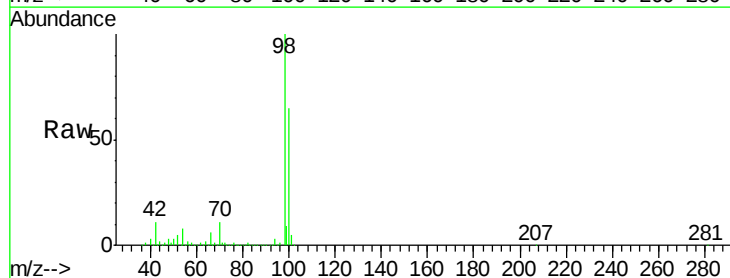
Manual Integrations
APPROVED

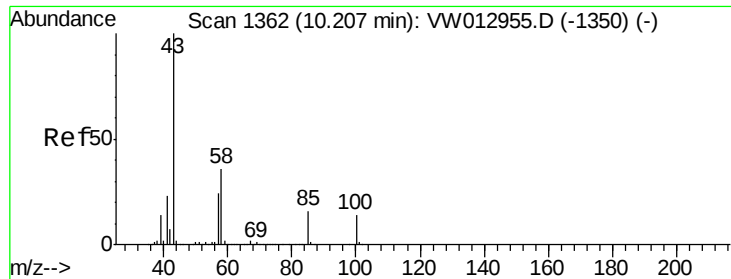
MMDadoda
9/19/2019 11:21:49 AM



#50
Toluene-d8
Concen: 49.837 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW013132.D
Acq: 19 Sep 2019 01:05

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.9	52.1	78.1





#51

4-Methyl-2-Pentanone

Concen: 93.756 ug/l

RT: 10.21 min Scan# 1362

Delta R.T. -0.00 min

Lab File: VW013132.D

Acq: 19 Sep 2019 01:05

Instrument :

MSVOA_W

ClientSampleId :

VW0918SBS02

Tot Ion: 43 Resp: 198123

Ion Ratio Lower Upper

43 100

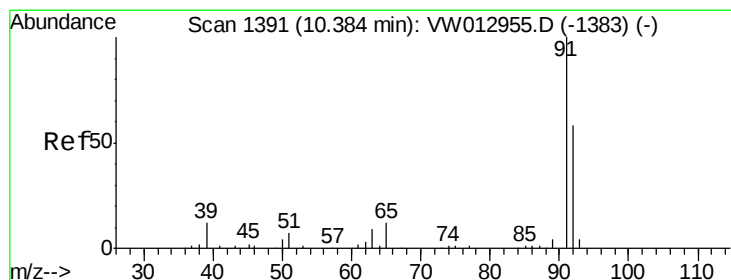
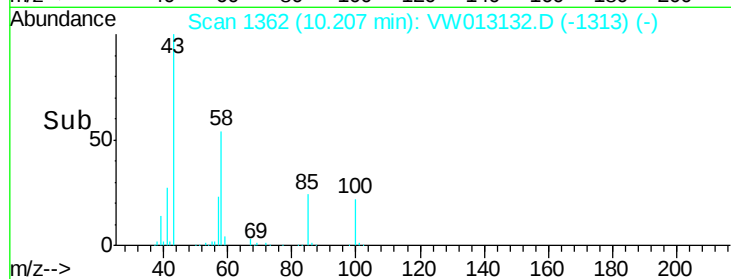
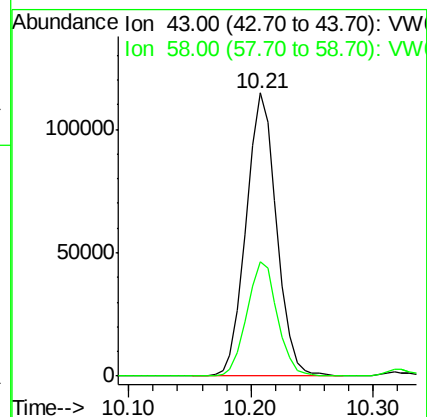
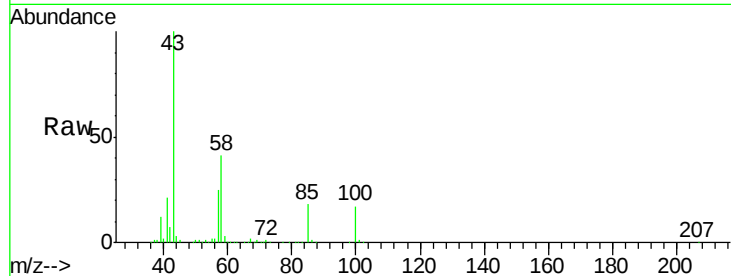
58 40.7 29.5 44.3

Manual Integrations

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MMDadoda

9/19/2019 11:21:49 AM



#52

Toluene

Concen: 21.783 ug/l

RT: 10.38 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VW013132.D

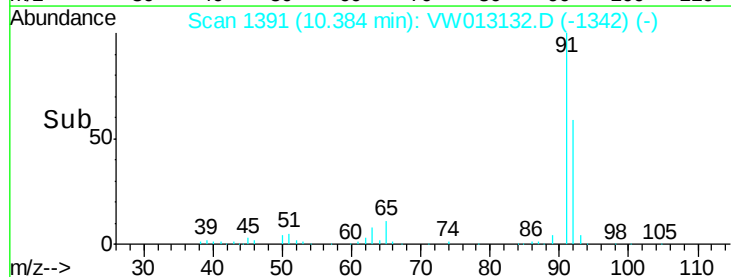
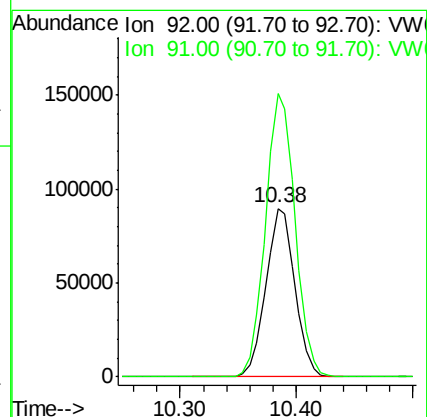
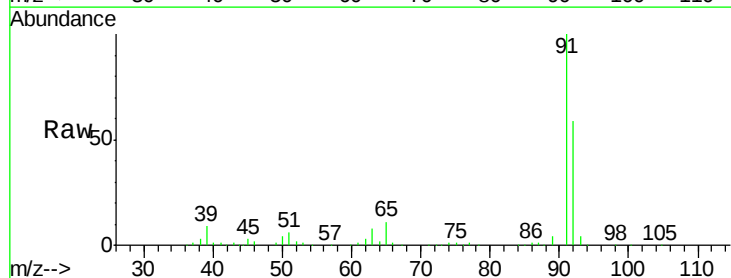
Acq: 19 Sep 2019 01:05

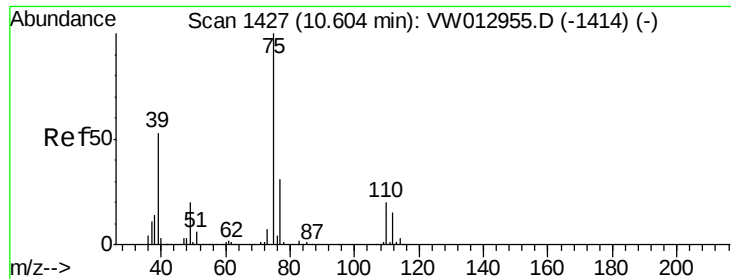
Tgt Ion: 92 Resp: 155194

Ion Ratio Lower Upper

92 100

91 171.9 137.5 206.3





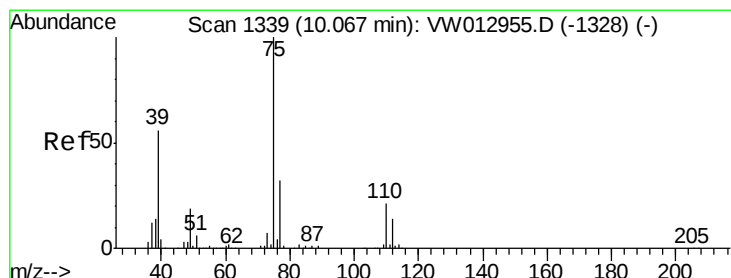
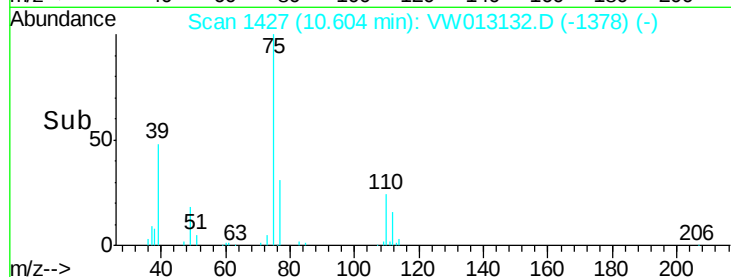
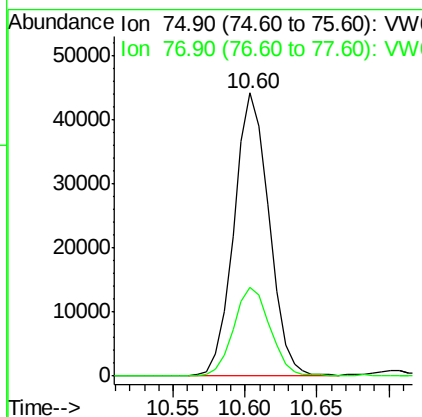
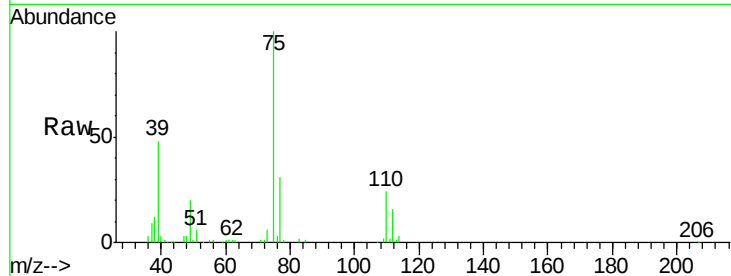
#53
 t-1,3-Dichloropropene
 Concen: 18.591 ug/l
 RT: 10.60 min Scan# 1427
 Delta R.T. -0.00 min
 Lab File: VW013132.D
 Acq: 19 Sep 2019 01:05

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0918SBS02

Tot Ion: 75 Resp: 74849
 Ion Ratio Lower Upper
 75 100
 77 31.2 24.6 37.0

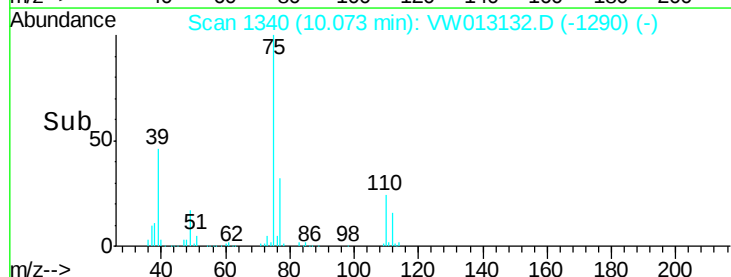
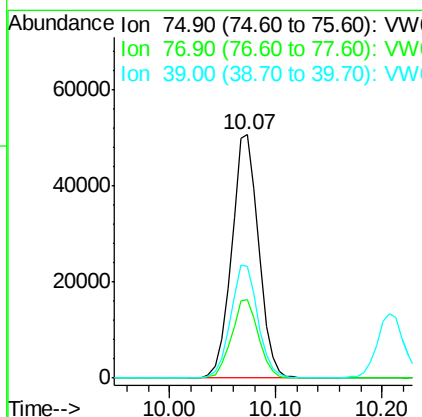
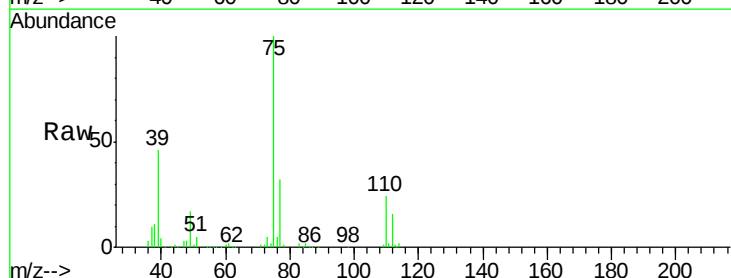
Manual Integrations
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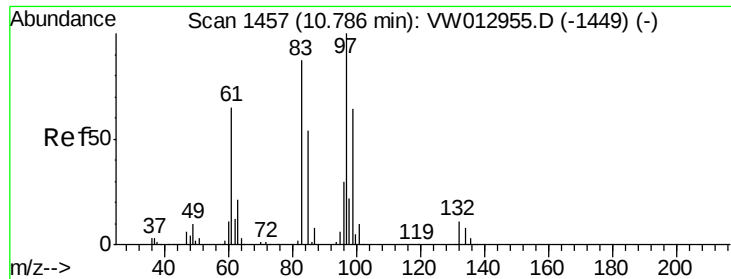
MMDadoda
 9/19/2019 11:21:49 AM



#54
 cis-1,3-Dichloropropene
 Concen: 19.511 ug/l
 RT: 10.07 min Scan# 1340
 Delta R.T. 0.01 min
 Lab File: VW013132.D
 Acq: 19 Sep 2019 01:05

Tgt Ion: 75 Resp: 89882
 Ion Ratio Lower Upper
 75 100
 77 32.4 25.5 38.3
 39 45.8 45.0 67.6





#55

1,1,2-Trichloroethane

Concen: 21.657 ug/l

RT: 10.79 min Scan# 1457

Delta R.T. -0.00 min

Lab File: VW013132.D

Acq: 19 Sep 2019 01:05

Instrument :

MSVOA_W

ClientSampleId :

VW0918SBS02

Tot Ion: 97 Resp: 47086

Ion Ratio Lower Upper

97 100

83 83.2 69.4 104.0

85 55.9 43.3 64.9

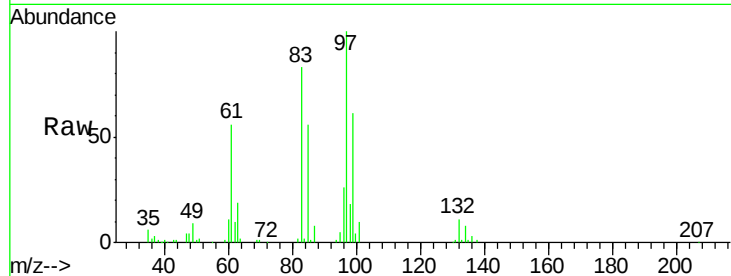
99 60.7 50.9 76.3

Manual Integrations

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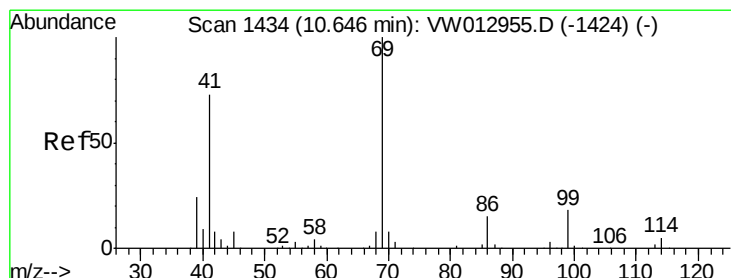
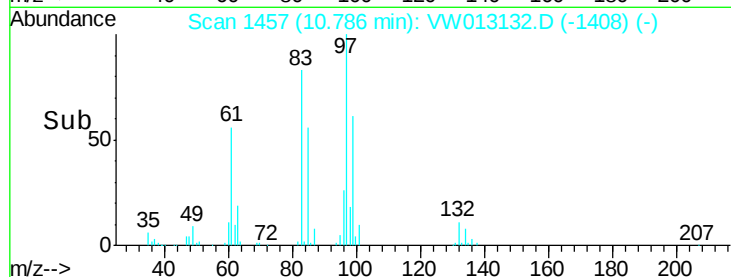
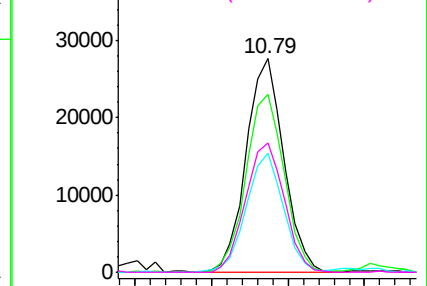
Abundance

Ion 96.90 (96.60 to 97.60): VW

Ion 82.90 (82.60 to 83.60): VW

Ion 84.90 (84.60 to 85.60): VW

Ion 98.90 (98.60 to 99.60): VW



#56

Ethyl methacrylate

Concen: 20.880 ug/l

RT: 10.65 min Scan# 1434

Delta R.T. -0.00 min

Lab File: VW013132.D

Acq: 19 Sep 2019 01:05

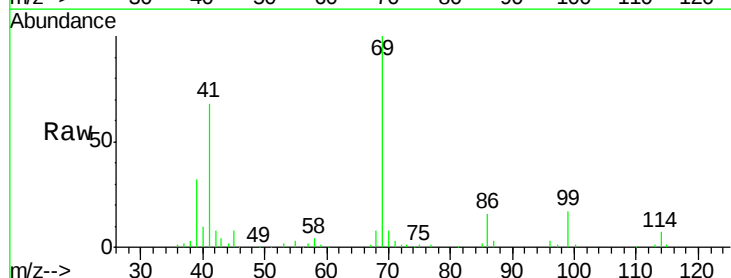
Tgt Ion: 69 Resp: 61105

Ion Ratio Lower Upper

69 100

41 66.4 60.8 91.2

39 29.3 29.4 44.0#

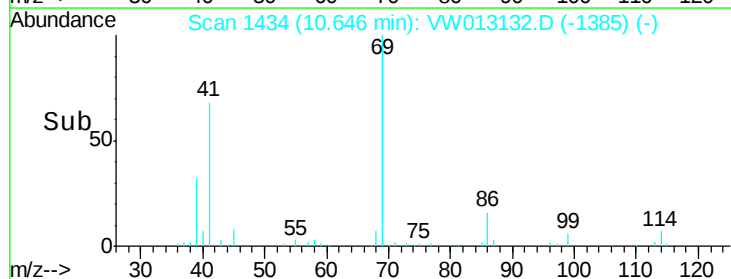
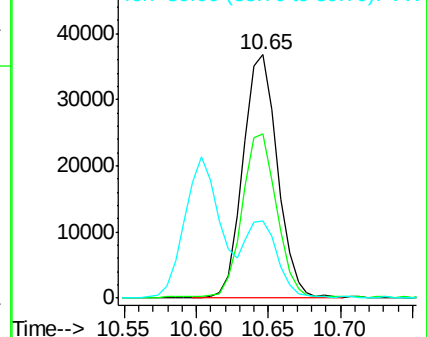


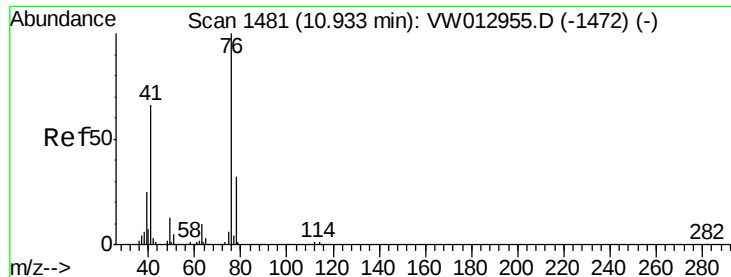
Abundance

Ion 69.00 (68.70 to 69.70): VW

Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW





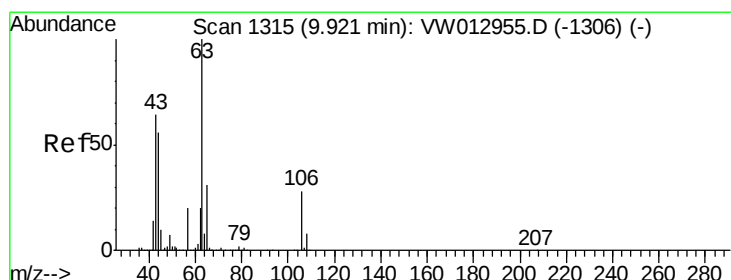
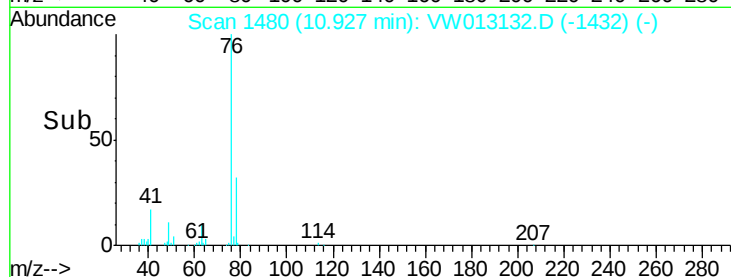
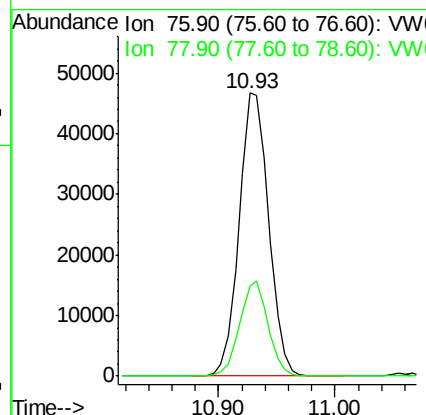
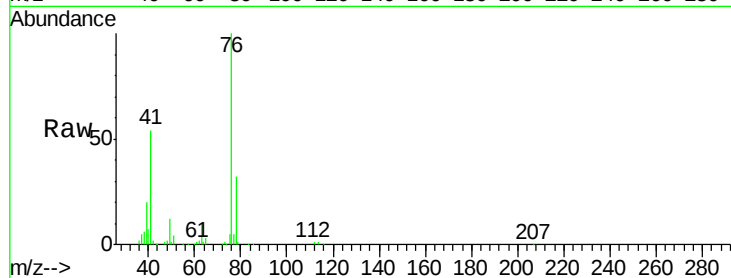
#57
 1,3-Dichloropropane
 Concen: 21.405 ug/l
 RT: 10.93 min Scan# 1480
 Delta R.T. -0.01 min
 Lab File: VW013132.D
 Acq: 19 Sep 2019 01:05

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0918SBS02

Tot Ion: 76 Resp: 82553
 Ion Ratio Lower Upper
 76 100
 78 32.3 25.6 38.4

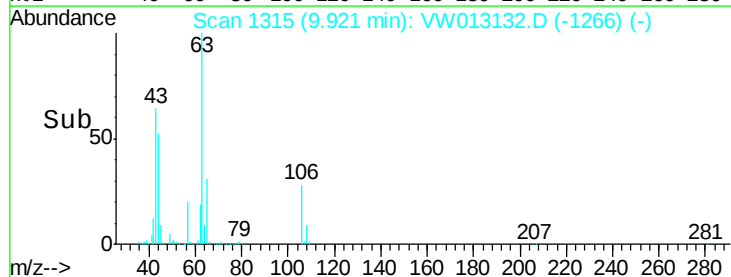
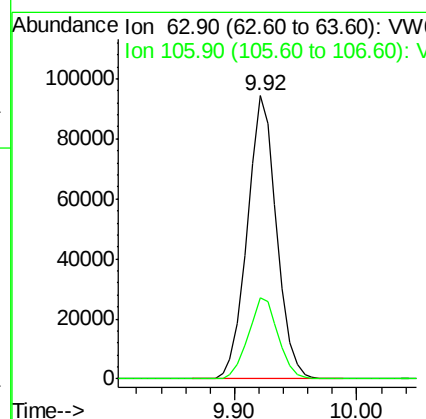
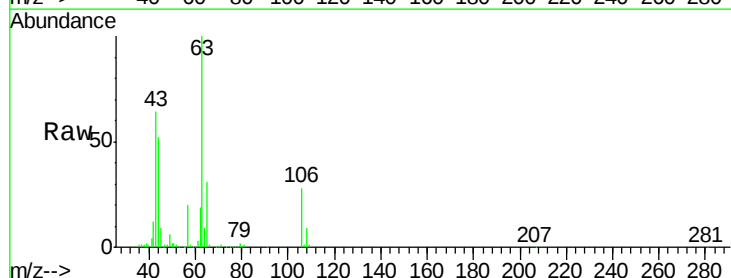
Manual Integrations
 APPROVED

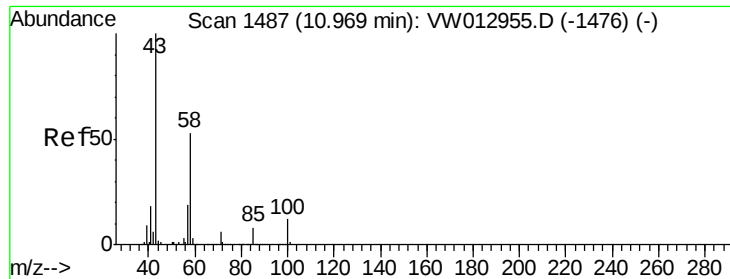
MMDadoda
 9/19/2019 11:21:49 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 99.633 ug/l
 RT: 9.92 min Scan# 1315
 Delta R.T. -0.00 min
 Lab File: VW013132.D
 Acq: 19 Sep 2019 01:05

Tgt Ion: 63 Resp: 156408
 Ion Ratio Lower Upper
 63 100
 106 29.4 22.2 33.2





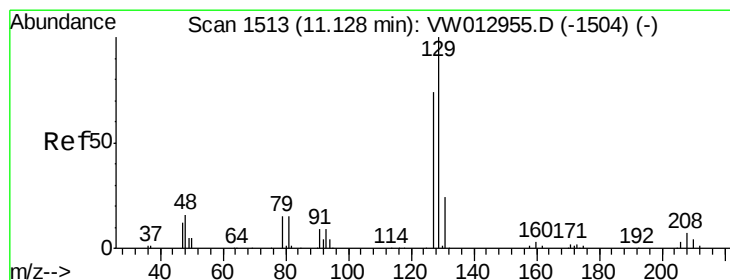
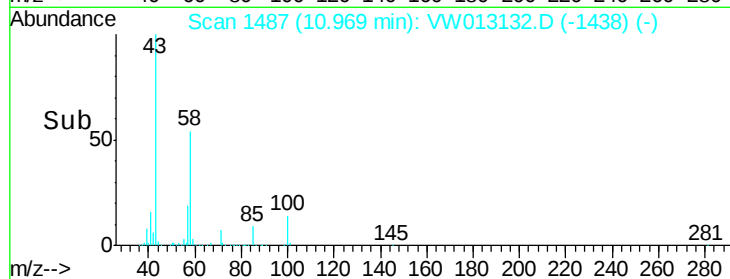
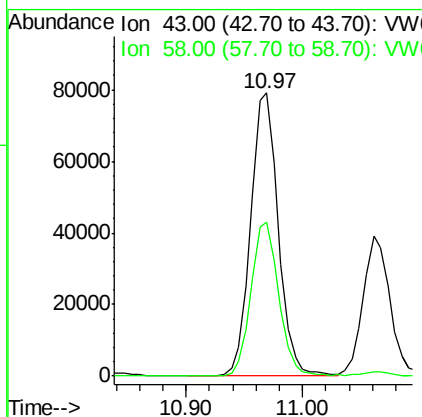
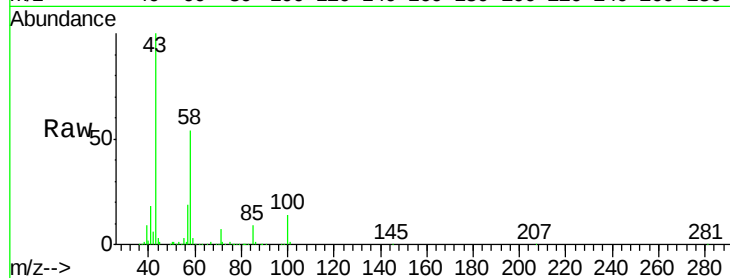
#59
2-Hexanone
Concen: 89.161 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VW013132.D
Acq: 19 Sep 2019 01:05

Instrument :
MSVOA_W
ClientSampleId :
VW0918SBS02

Tot Ion: 43 Resp: 131194
Ion Ratio Lower Upper
43 100
58 54.7 25.8 77.3

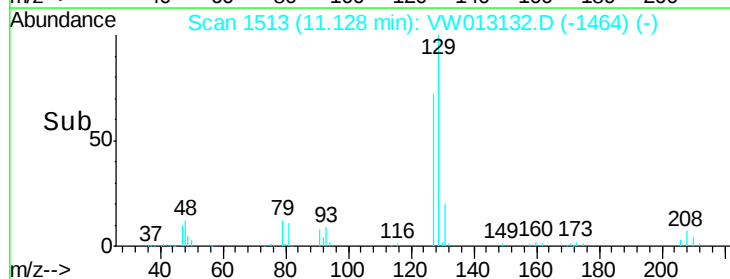
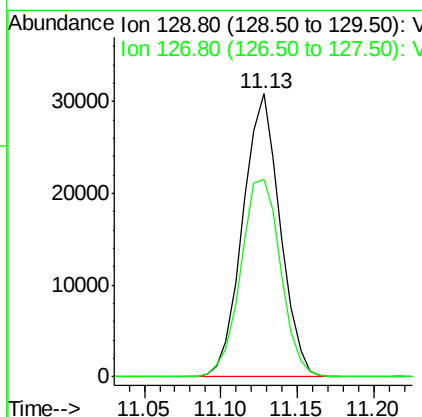
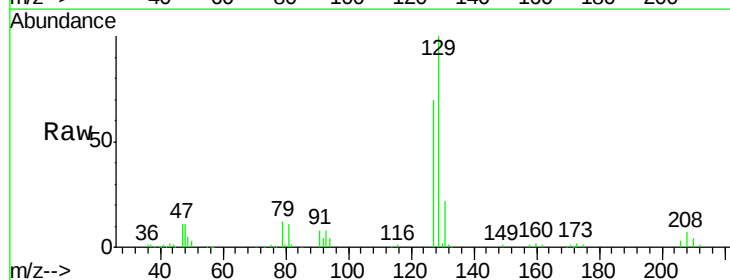
Manual Integrations
APPROVED

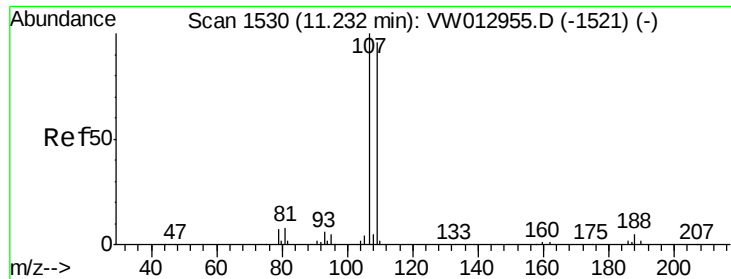
MMDadoda
9/19/2019 11:21:49 AM



#60
Dibromochloromethane
Concen: 19.900 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW013132.D
Acq: 19 Sep 2019 01:05

Tgt Ion: 129 Resp: 52307
Ion Ratio Lower Upper
129 100
127 74.6 37.4 112.2





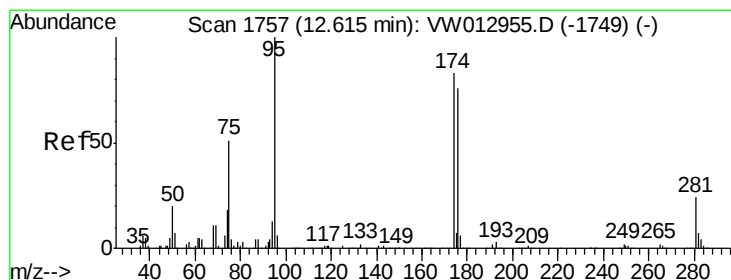
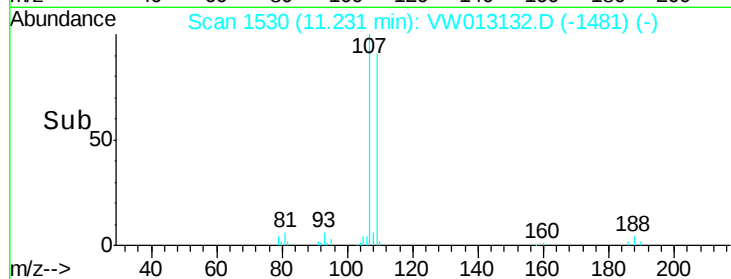
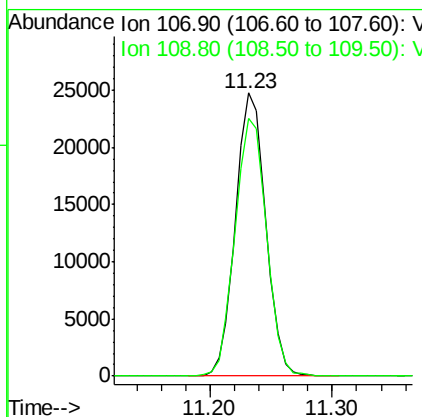
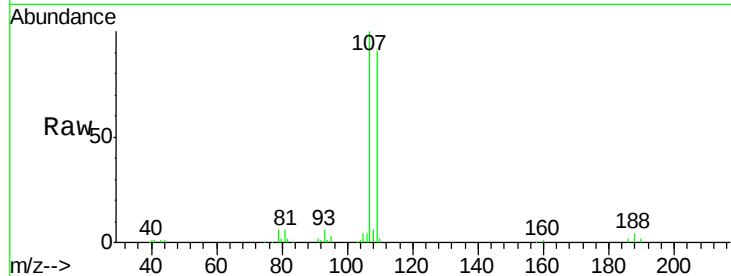
#61
 1,2-Dibromoethane
 Concen: 21.337 ug/l
 RT: 11.23 min Scan# 1530
 Delta R.T. -0.00 min
 Lab File: VW013132.D
 Acq: 19 Sep 2019 01:05

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0918SBS02

Tot Ion	Ratio	Lower	Upper
107	100		
109	95.0	75.0	112.6

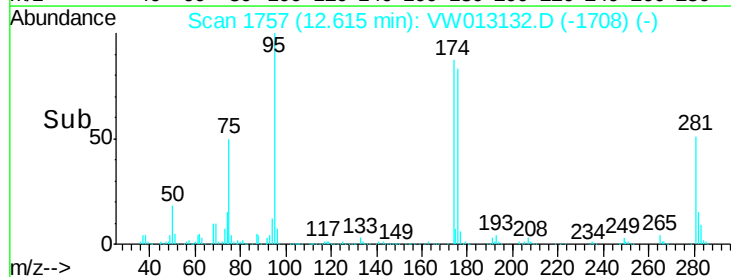
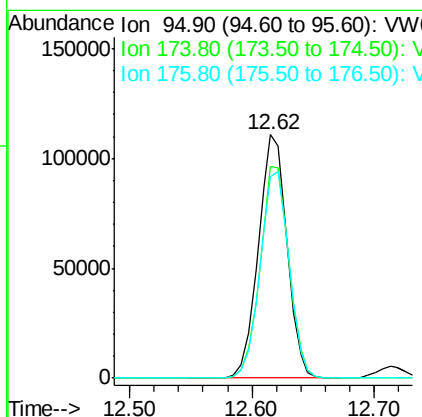
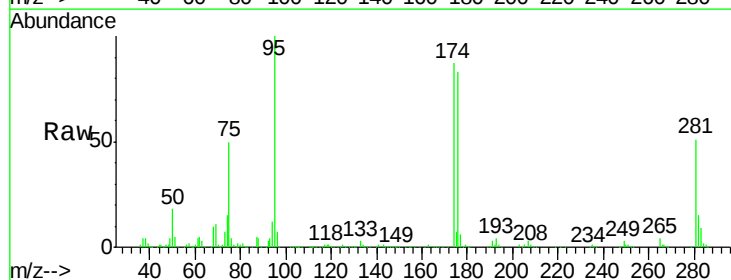
Manual Integrations
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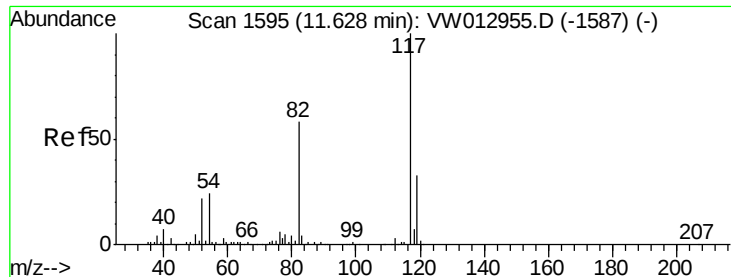
MMDadoda
 9/19/2019 11:21:49 AM



#62
 4-Bromofluorobenzene
 Concen: 47.100 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. -0.00 min
 Lab File: VW013132.D
 Acq: 19 Sep 2019 01:05

Tgt Ion	Ratio	Lower	Upper
95	100		
174	87.4	0.0	170.4
176	85.7	0.0	164.6





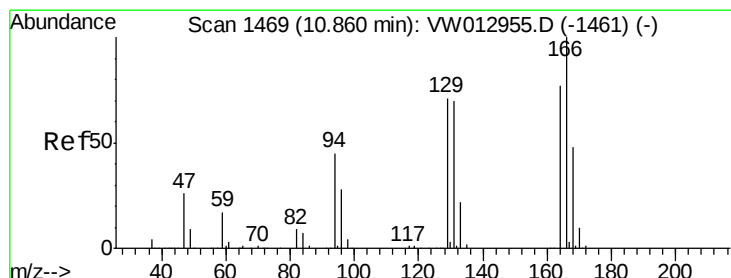
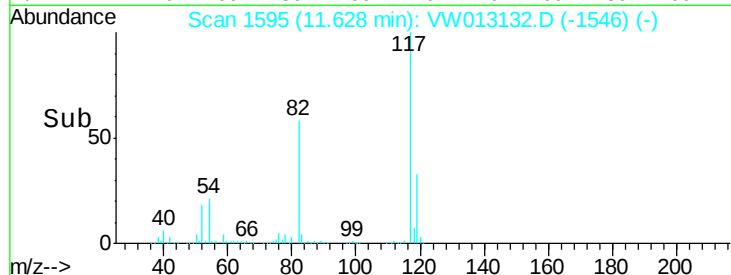
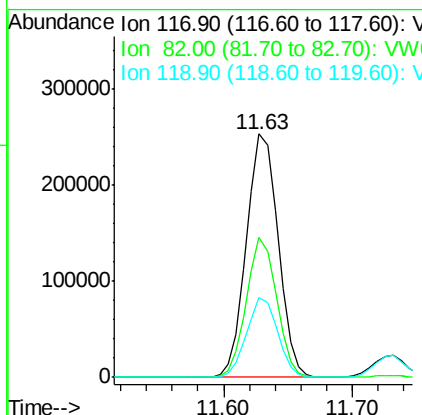
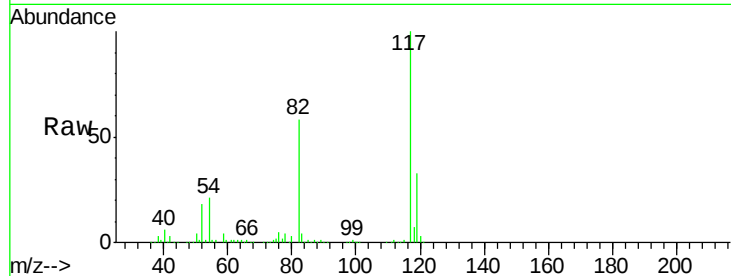
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.00 min
Lab File: VW013132.D
Acq: 19 Sep 2019 01:05

Instrument :
MSVOA_W
ClientSampleId :
VW0918SBS02

Tot Ion	Ratio	Resp	Lower	Upper
117	100	431407		
82	57.5	46.3	69.5	
119	32.9	26.2	39.4	

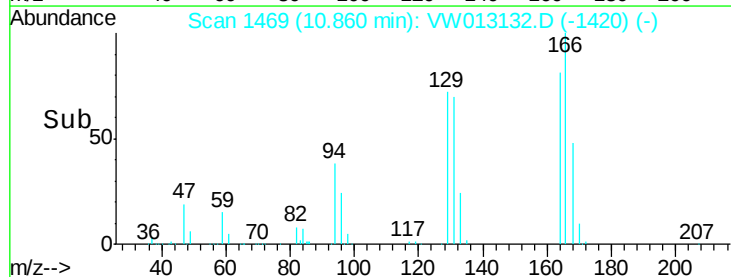
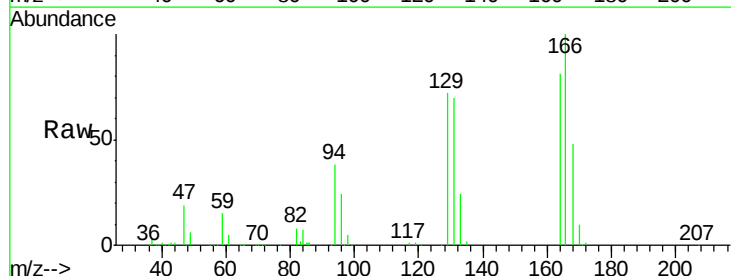
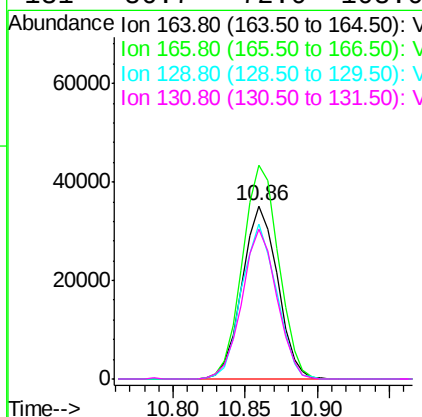
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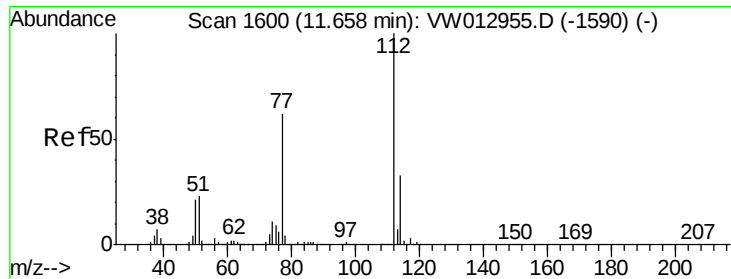
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#64
Tetrachloroethene
Concen: 23.348 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VW013132.D
Acq: 19 Sep 2019 01:05

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	59921		
166	123.4	103.3	154.9	
129	89.2	73.8	110.8	
131	86.7	72.0	108.0	





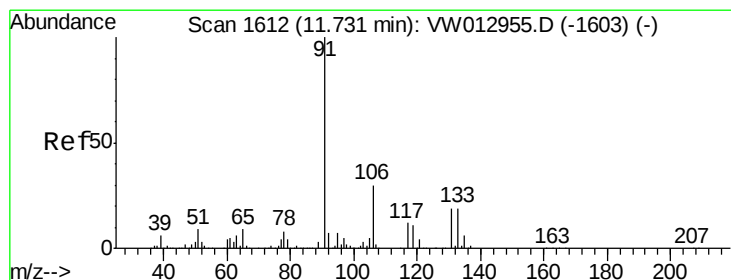
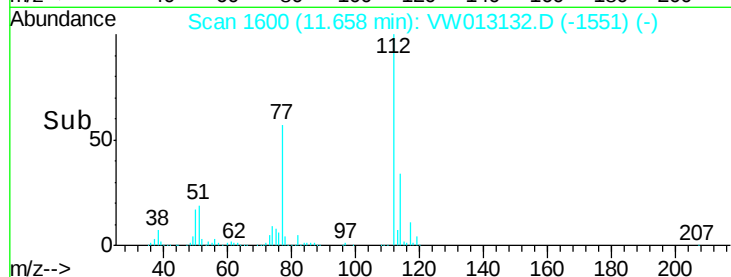
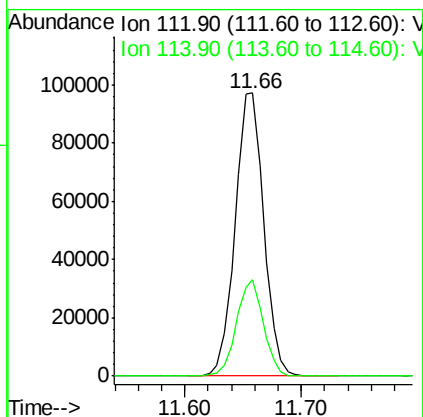
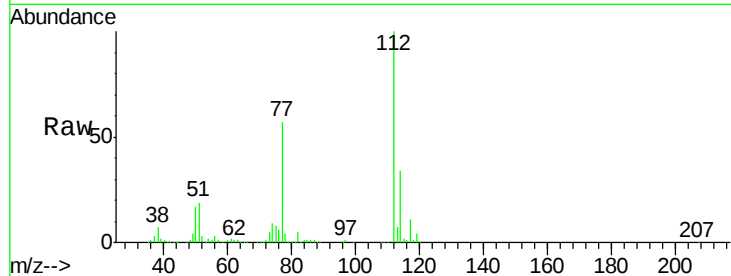
#65
Chlorobenzene
Concen: 21.608 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW013132.D
Acq: 19 Sep 2019 01:05

Instrument :
MSVOA_W
ClientSampleId :
VW0918SBS02

Tot Ion:112 Resp: 166047
Ion Ratio Lower Upper
112 100
114 34.1 26.4 39.6

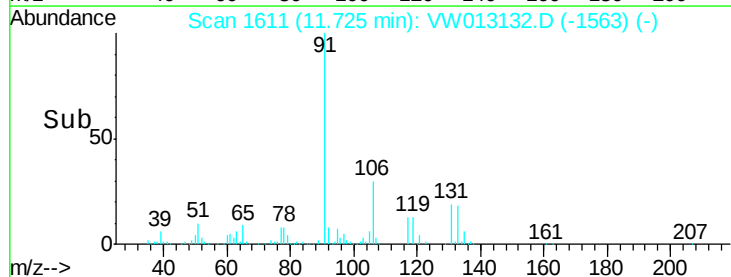
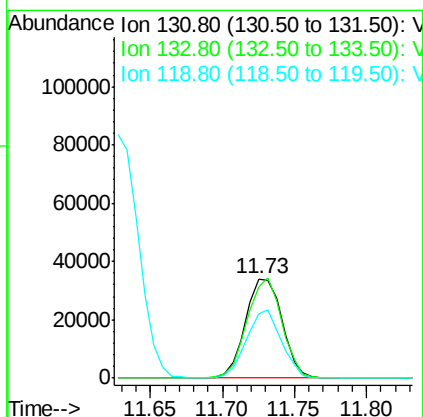
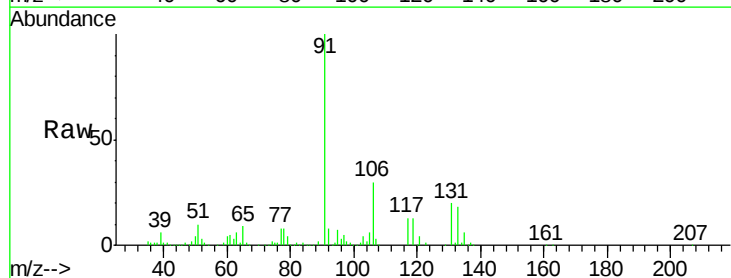
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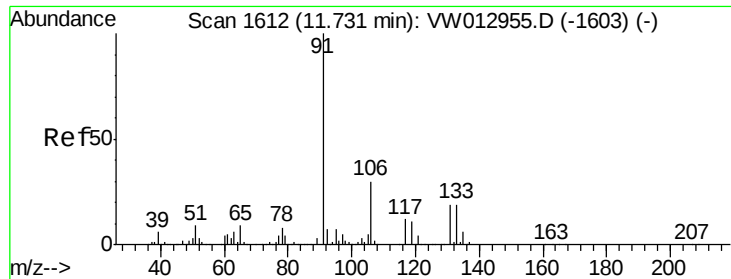
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#66
1,1,1,2-Tetrachloroethane
Concen: 20.416 ug/l
RT: 11.73 min Scan# 1611
Delta R.T. -0.01 min
Lab File: VW013132.D
Acq: 19 Sep 2019 01:05

Tgt Ion:131 Resp: 60121
Ion Ratio Lower Upper
131 100
133 95.7 47.9 143.8
119 65.0 30.9 92.7





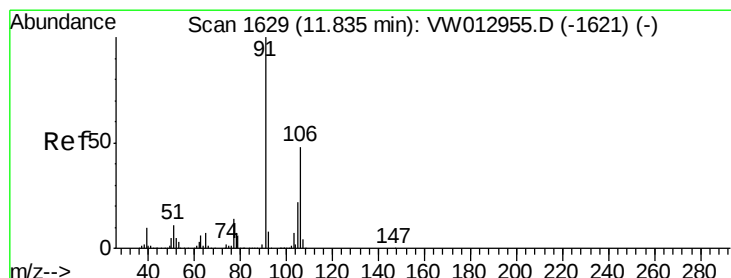
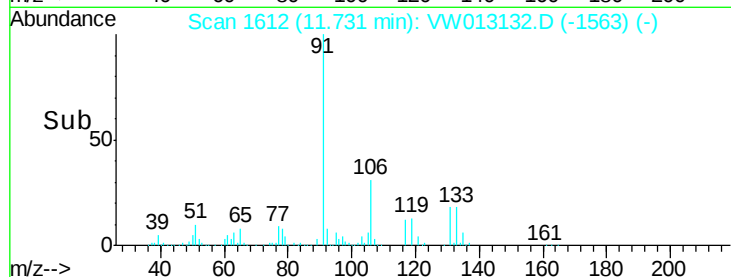
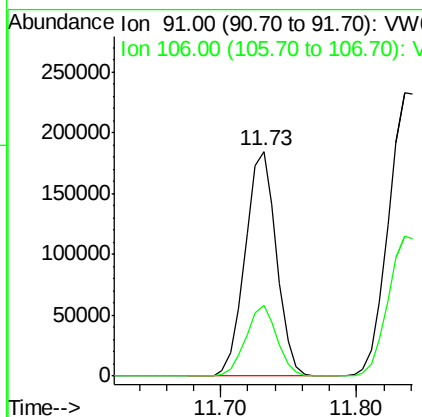
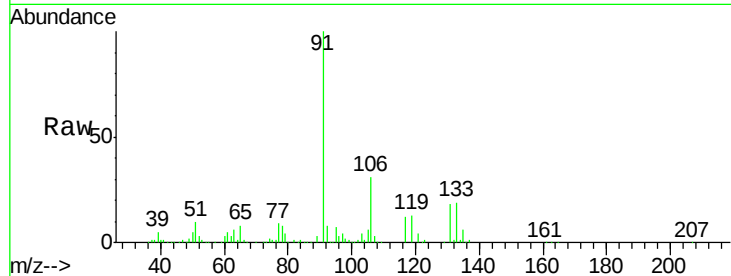
#67
Ethyl Benzene
Concen: 20.965 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW013132.D
Acq: 19 Sep 2019 01:05

Instrument :
MSVOA_W
ClientSampleId :
VW0918SBS02

Tot Ion: 91 Resp: 297538
Ion Ratio Lower Upper
91 100
106 31.4 24.3 36.5

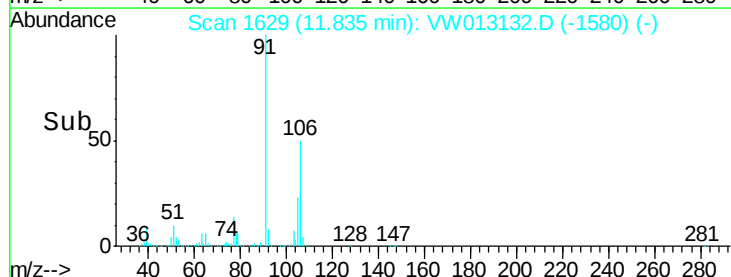
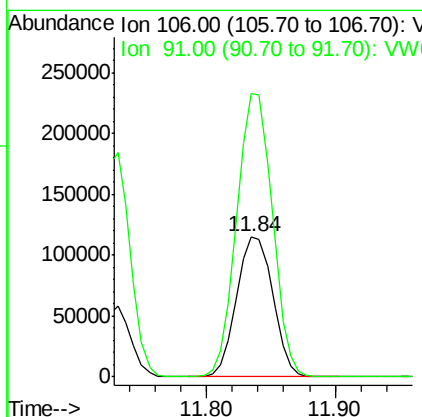
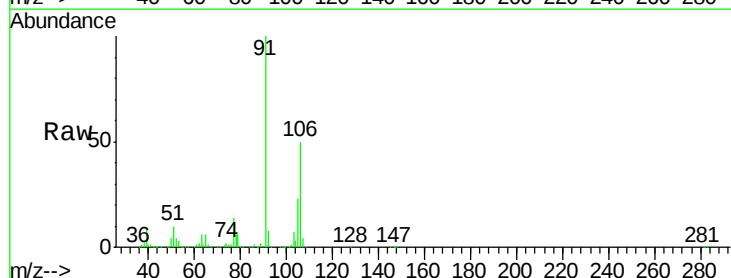
Manual Integrations
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9/19/2019 11:21:49 AM



#68
m/p-Xylenes
Concen: 43.343 ug/l
RT: 11.84 min Scan# 1629
Delta R.T. -0.00 min
Lab File: VW013132.D
Acq: 19 Sep 2019 01:05

Tgt Ion: 106 Resp: 224713
Ion Ratio Lower Upper
106 100
91 199.0 165.8 248.8





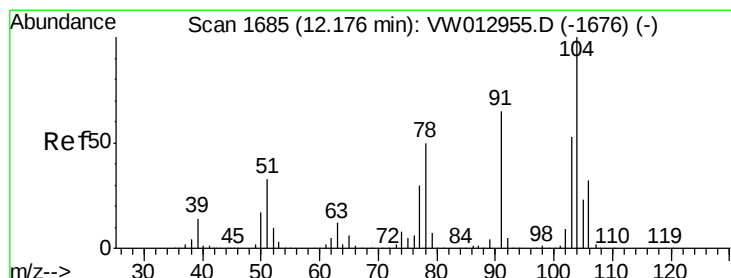
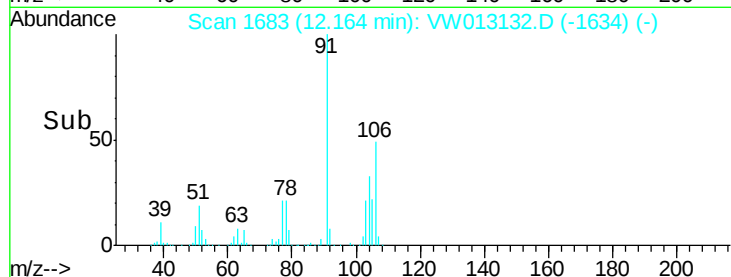
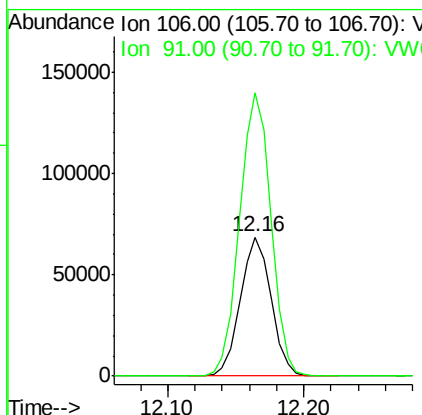
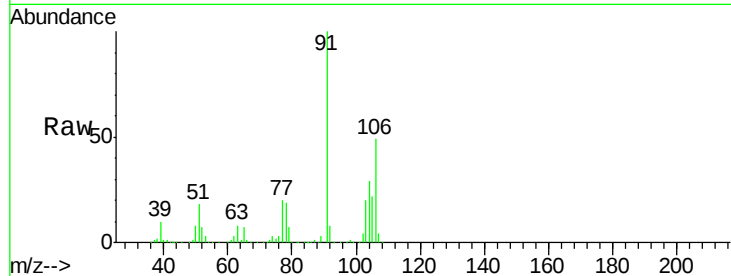
#69
o-Xylene
Concen: 22.305 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.00 min
Lab File: VW013132.D
Acq: 19 Sep 2019 01:05

Instrument :
MSVOA_W
ClientSampleId :
VW0918SBS02

Tot Ion:106 Resp: 108415
Ion Ratio Lower Upper
106 100
91 207.6 109.7 329.0

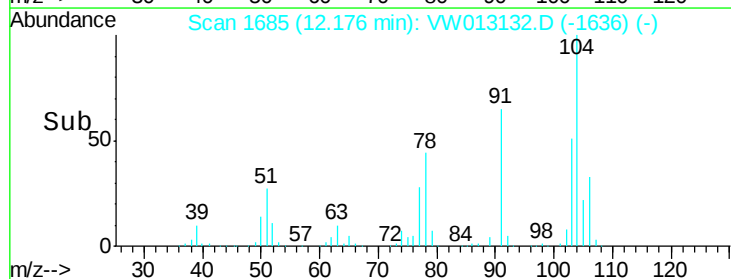
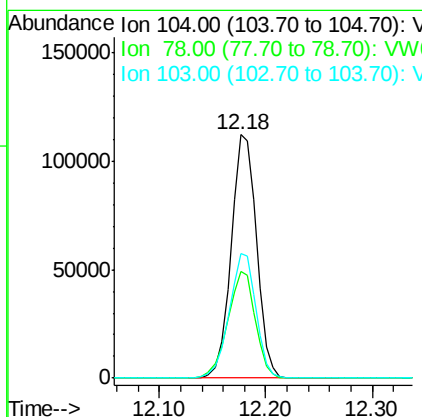
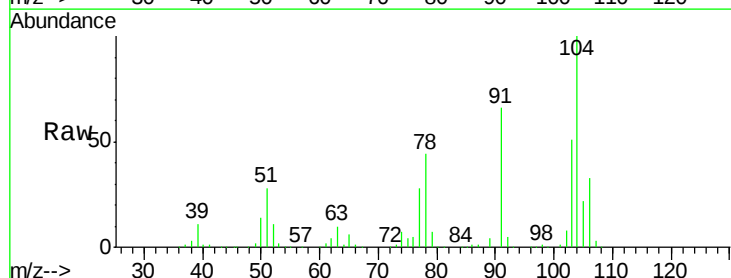
Manual Integrations
APPROVED

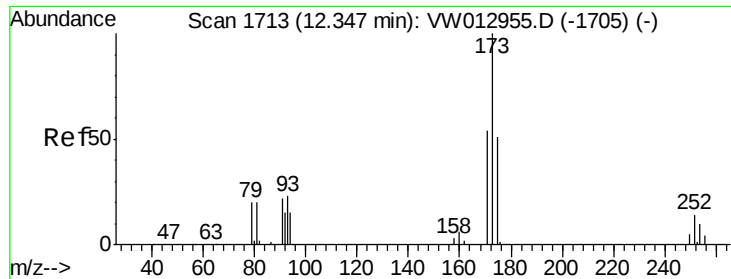
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#70
Styrene
Concen: 21.778 ug/l
RT: 12.18 min Scan# 1685
Delta R.T. -0.00 min
Lab File: VW013132.D
Acq: 19 Sep 2019 01:05

Tgt Ion:104 Resp: 188303
Ion Ratio Lower Upper
104 100
78 47.1 42.1 63.1
103 53.7 44.2 66.4





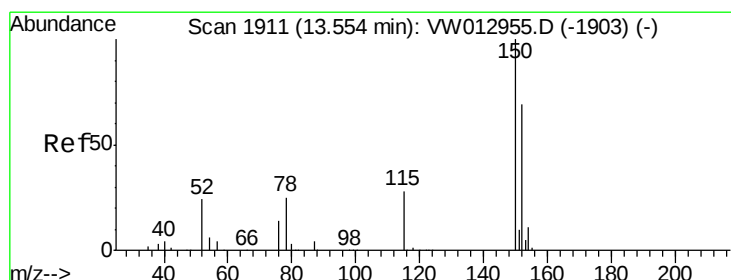
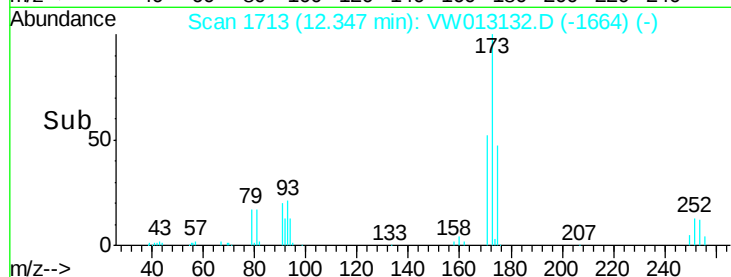
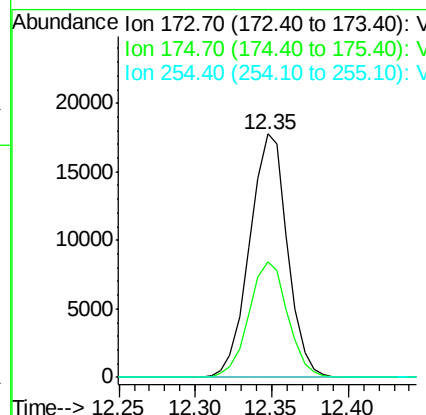
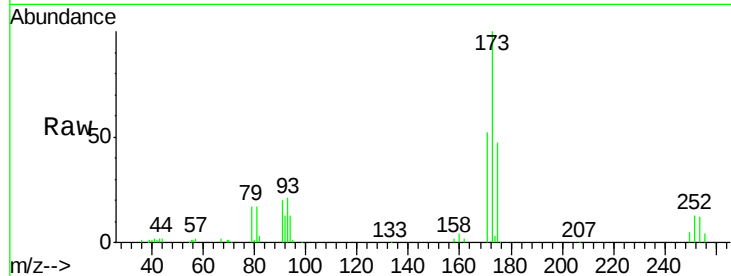
#71
Bromoform
Concen: 19.692 ug/l
RT: 12.35 min Scan# 1713
Delta R.T. -0.00 min
Lab File: VW013132.D
Acq: 19 Sep 2019 01:05

Instrument :
MSVOA_W
ClientSampleId :
VW0918SBS02

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.8	24.2	72.6
254	0.0	0.1	0.1#

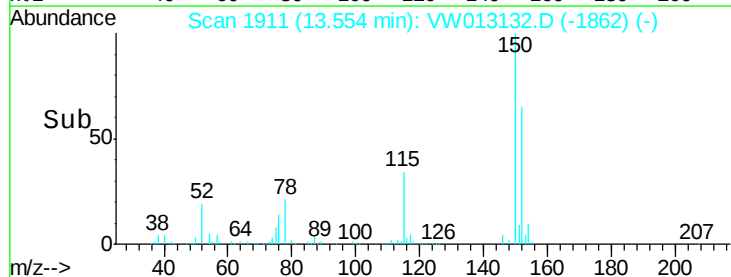
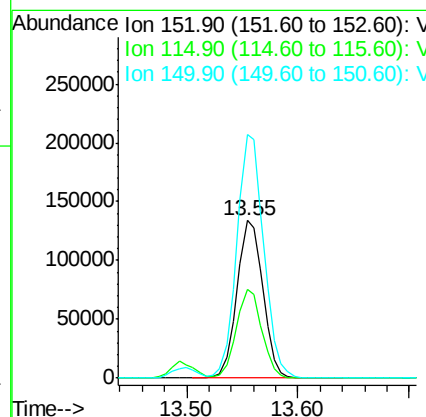
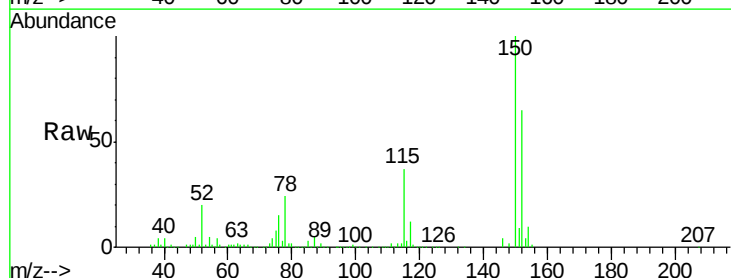
Manual Integrations
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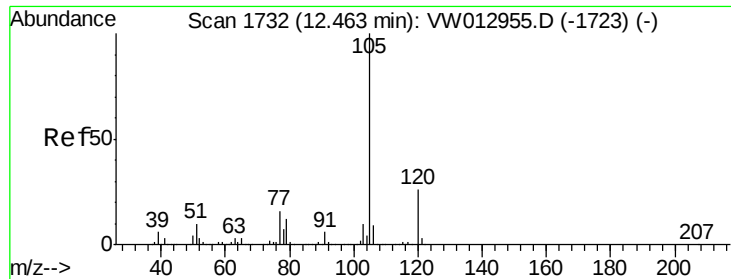
MMDadoda
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.55 min Scan# 1911
Delta R.T. -0.00 min
Lab File: VW013132.D
Acq: 19 Sep 2019 01:05

Tgt Ion	Ratio	Lower	Upper
152	100		
115	55.7	28.8	86.4
150	160.9	0.0	340.2





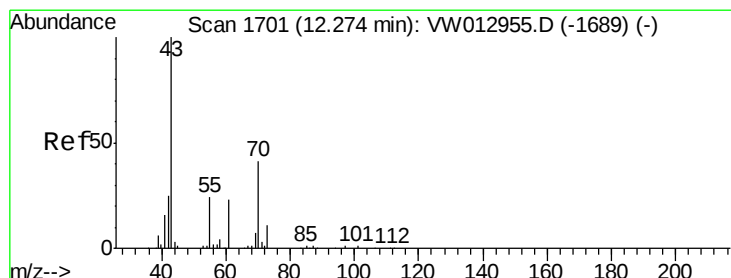
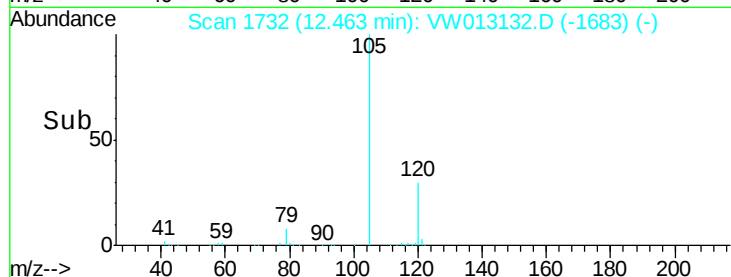
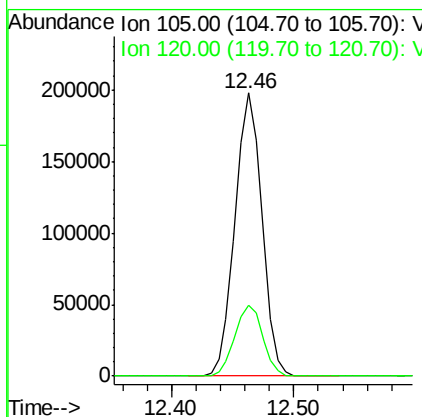
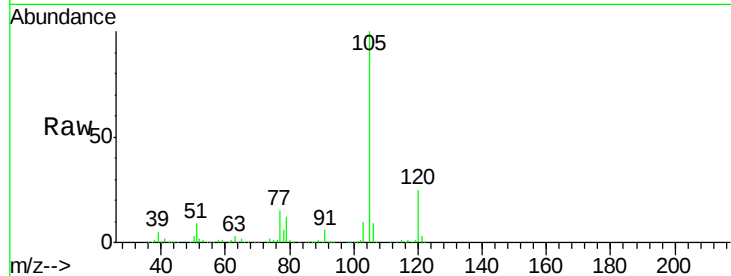
#73
Isopropylbenzene
Concen: 21.171 ug/l
RT: 12.46 min Scan# 1732
Delta R.T. -0.00 min
Lab File: VW013132.D
Acq: 19 Sep 2019 01:05

Instrument :
MSVOA_W
ClientSampleId :
VW0918SBS02

Tot Ion	Ratio	Lower	Upper
105	100		
120	26.0	13.0	39.0

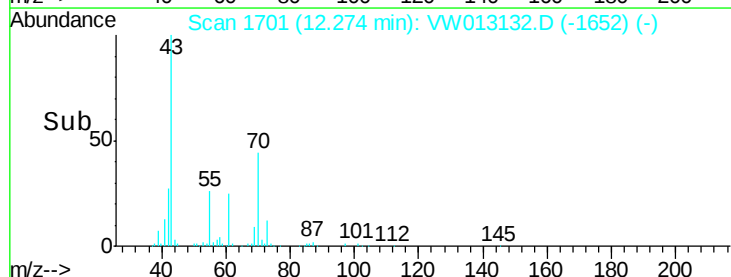
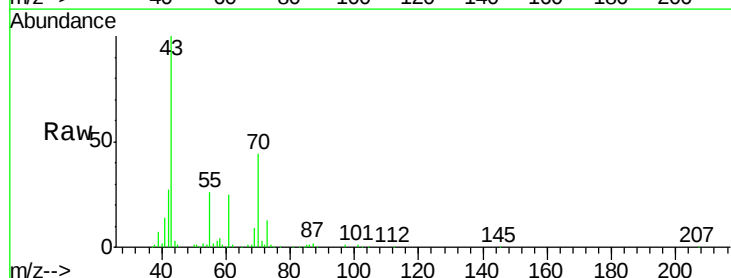
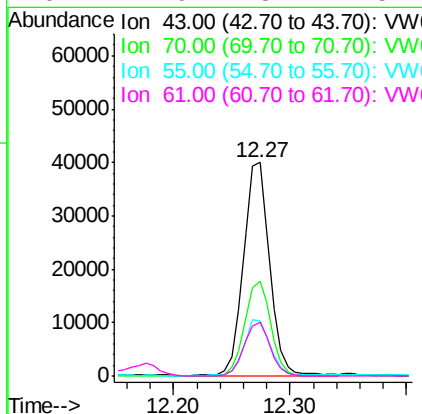
Manual Integrations
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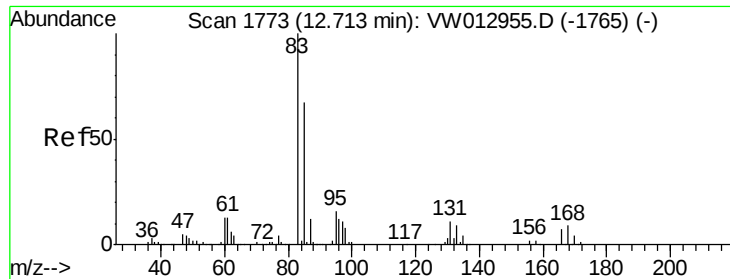
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#74
N-ethyl acetate
Concen: 17.304 ug/l
RT: 12.27 min Scan# 1701
Delta R.T. -0.00 min
Lab File: VW013132.D
Acq: 19 Sep 2019 01:05

Tgt Ion	Ratio	Lower	Upper
43	100		
70	44.2	31.7	47.5
55	26.0	19.4	29.2
61	24.9	18.7	28.1





#75

1,1,2,2-Tetrachloroethane

Concen: 21.439 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. -0.00 min

Lab File: VW013132.D

Acq: 19 Sep 2019 01:05

Instrument :

MSVOA_W

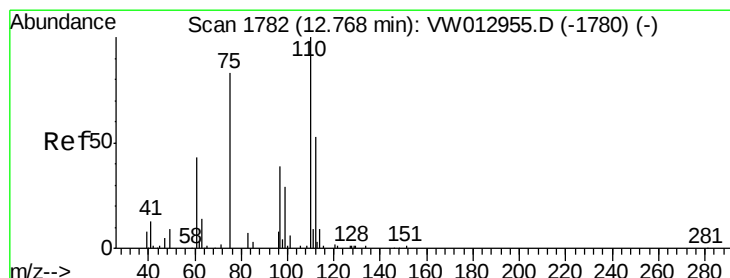
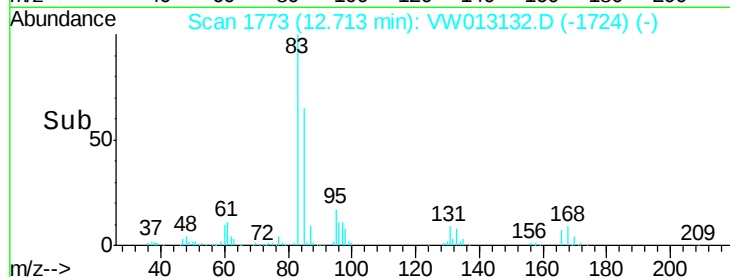
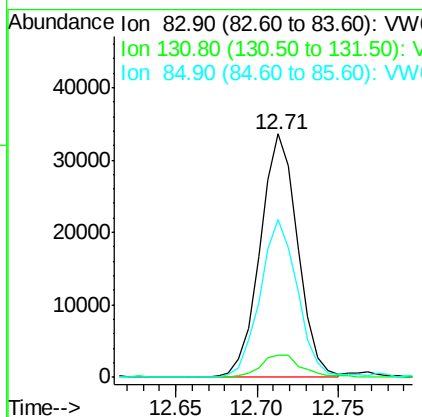
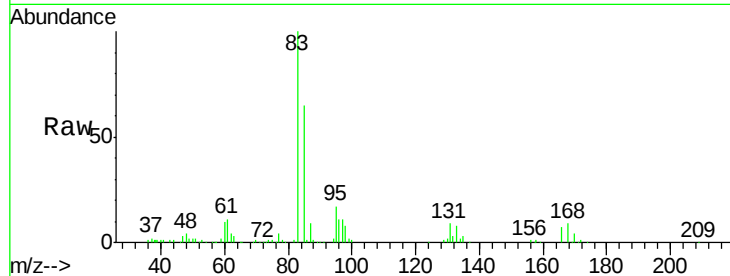
ClientSampleId :

VW0918SBS02

Tot Ion:	83	Resp:	53695
Ion Ratio	Lower	Upper	
83	100		
131	10.1	5.7	17.1
85	64.8	31.4	94.3

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 22.067 ug/l m

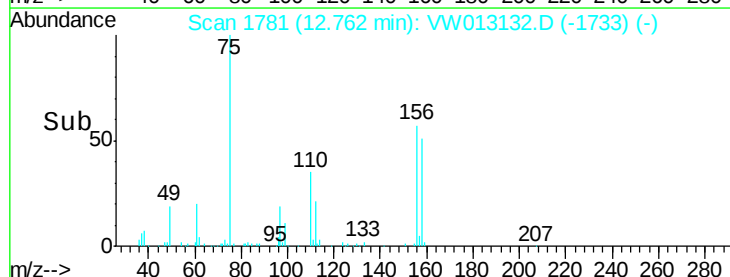
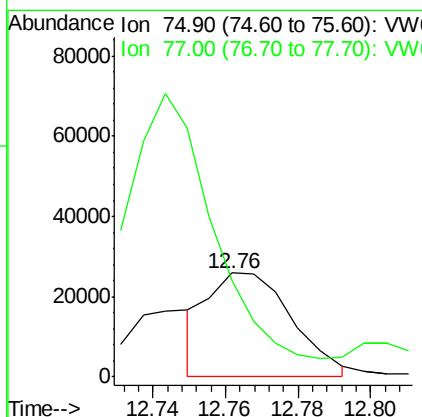
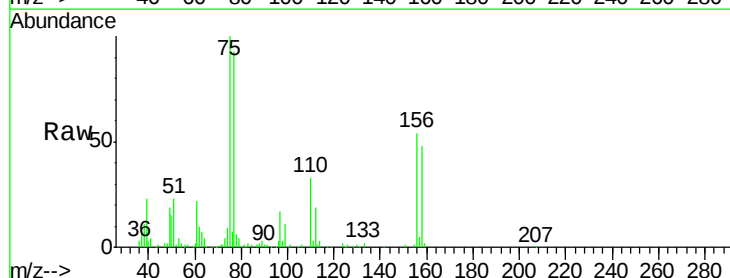
RT: 12.76 min Scan# 1781

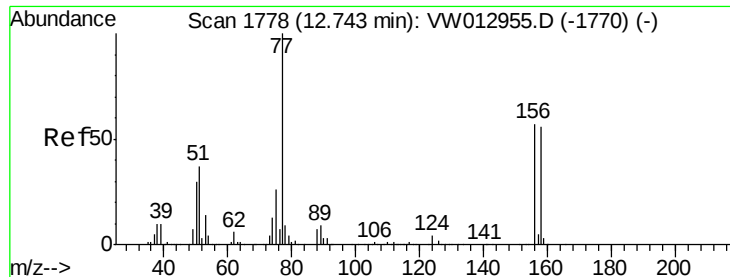
Delta R.T. -0.01 min

Lab File: VW013132.D

Acq: 19 Sep 2019 01:05

Tgt Ion:	75	Resp:	41583
Ion Ratio	Lower	Upper	
75	100		
77	307.2	0.0	0.0#





#77

Bromobenzene

Concen: 21.383 ug/l

RT: 12.74 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VW013132.D

Acq: 19 Sep 2019 01:05

Instrument :

MSVOA_W

ClientSampleId :

VW0918SBS02

Tot Ion:156 Resp: 70247

Ion Ratio Lower Upper

156 100

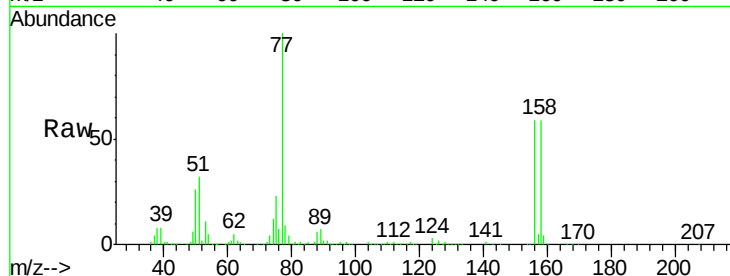
77 181.8 95.2 285.6

158 96.8 49.0 147.2

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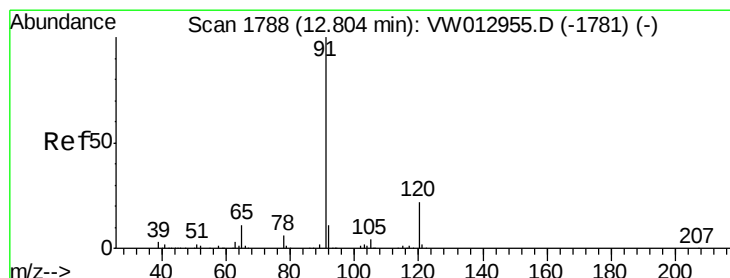
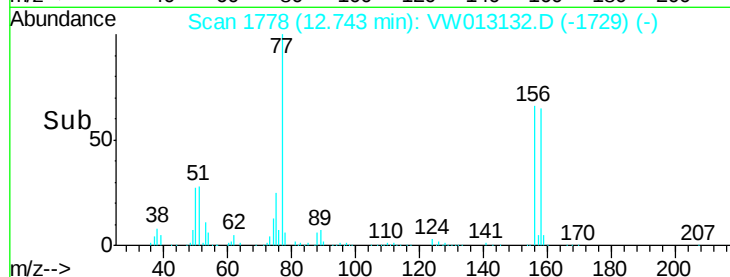
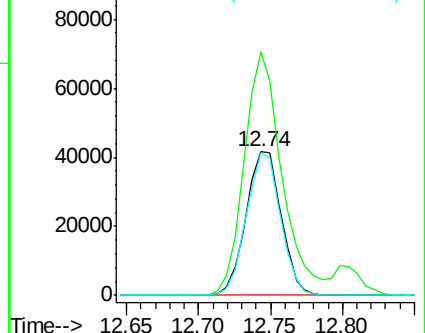
9/19/2019 11:21:49 AM



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.620 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. -0.00 min

Lab File: VW013132.D

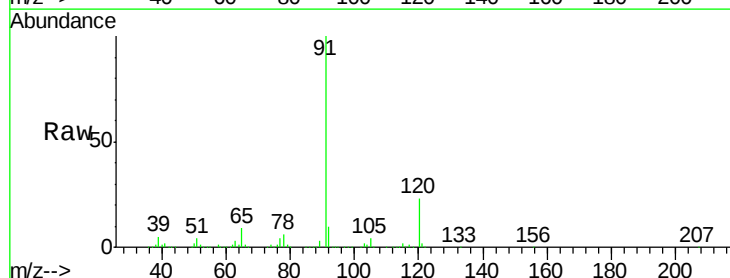
Acq: 19 Sep 2019 01:05

Tgt Ion: 91 Resp: 345878

Ion Ratio Lower Upper

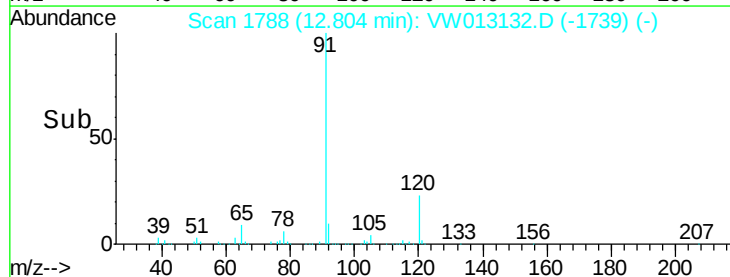
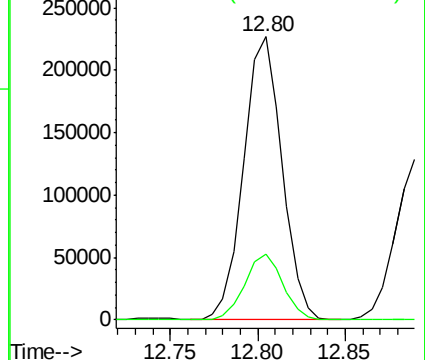
91 100

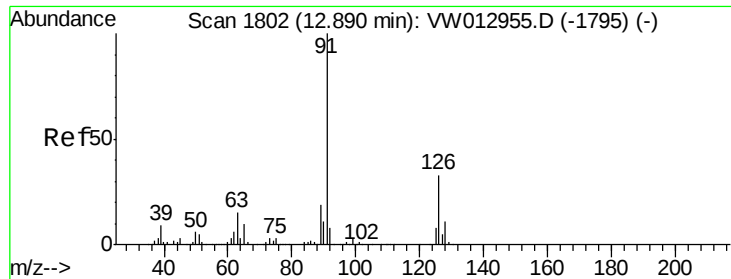
120 23.2 11.2 33.5



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.937 ug/l

RT: 12.89 min Scan# 1802

Delta R.T. -0.00 min

Lab File: VW013132.D

Acq: 19 Sep 2019 01:05

Instrument :

MSVOA_W

ClientSampleId :

VW0918SBS02

Tot Ion: 91 Resp: 201891

Ion Ratio Lower Upper

91 100

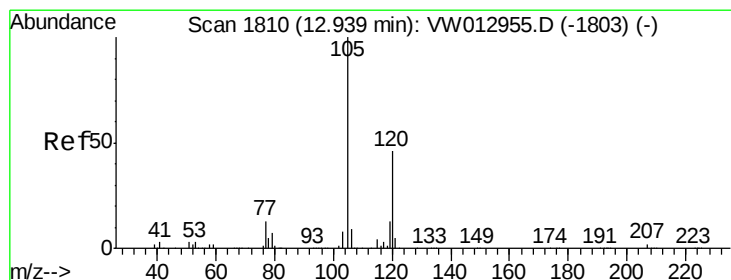
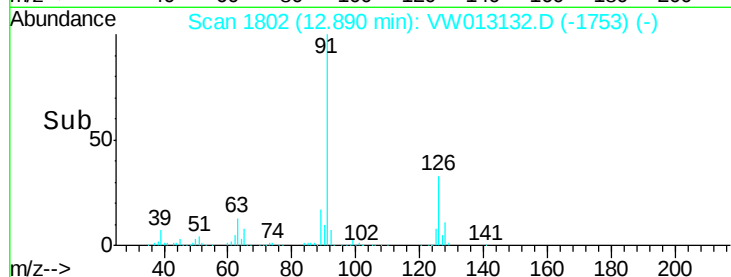
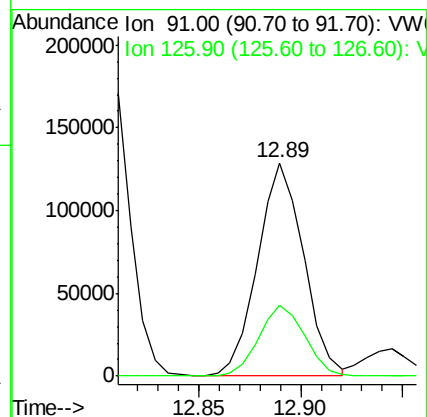
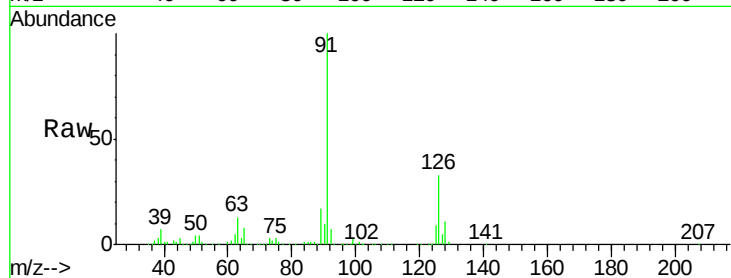
126 33.6 16.5 49.5

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#80

1,3,5-Trimethylbenzene

Concen: 20.725 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. 0.01 min

Lab File: VW013132.D

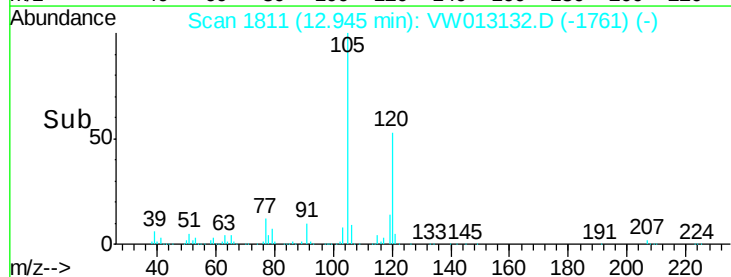
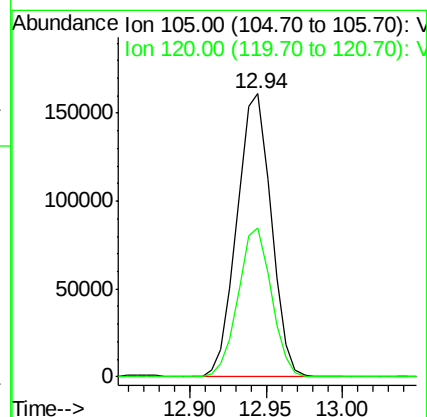
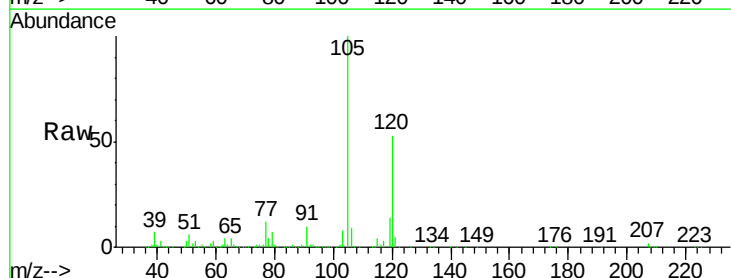
Acq: 19 Sep 2019 01:05

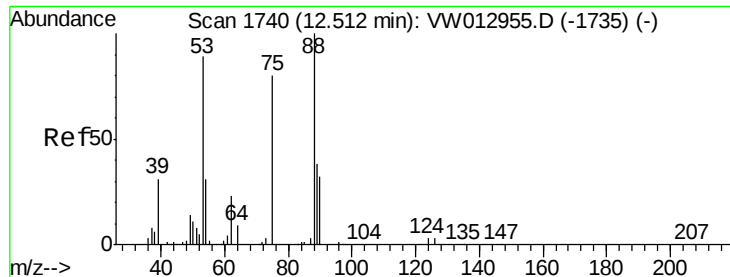
Tgt Ion:105 Resp: 250023

Ion Ratio Lower Upper

105 100

120 51.7 24.2 72.6





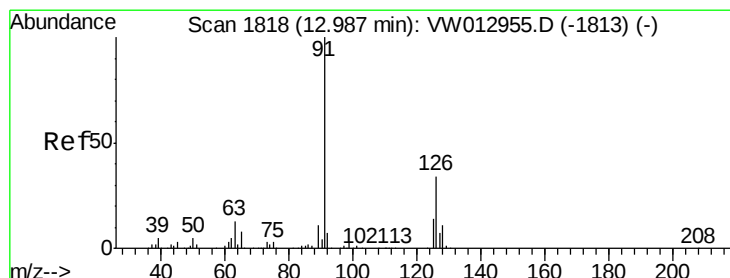
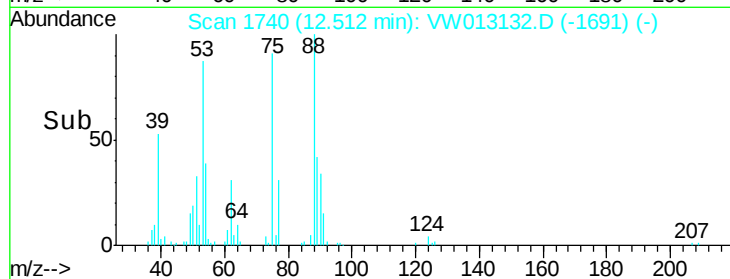
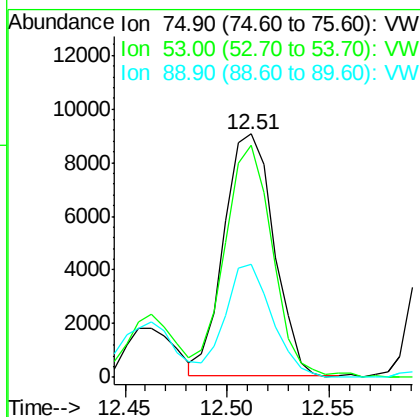
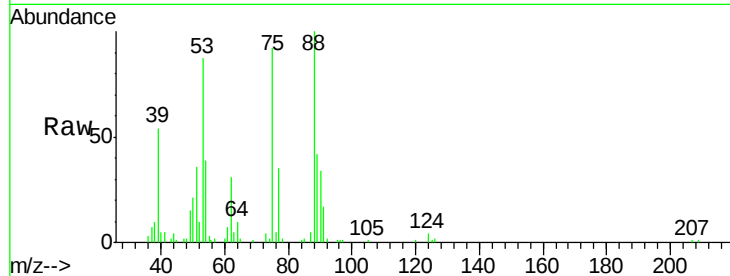
#81
trans-1,4-Dichloro-2-butene
Concen: 18.351 ug/l
RT: 12.51 min Scan# 1740
Delta R.T. -0.00 min
Lab File: VW013132.D
Acq: 19 Sep 2019 01:05

Instrument :
MSVOA_W
ClientSampleId :
VW0918SBS02

Tot Ion	Ratio	Lower	Upper
75	100		
53	93.3	85.6	128.4
89	43.7	37.2	55.8

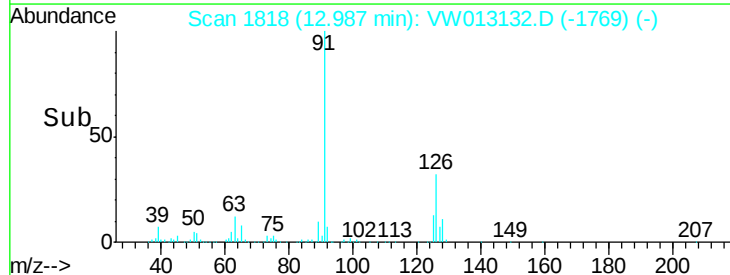
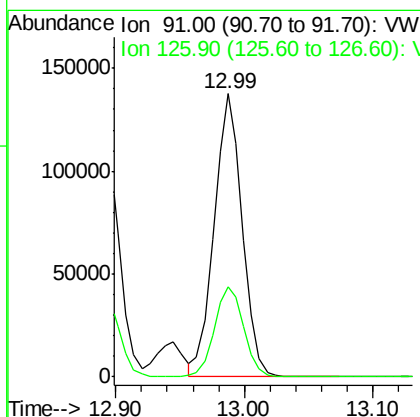
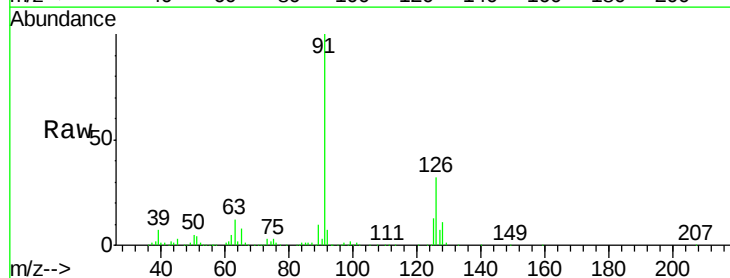
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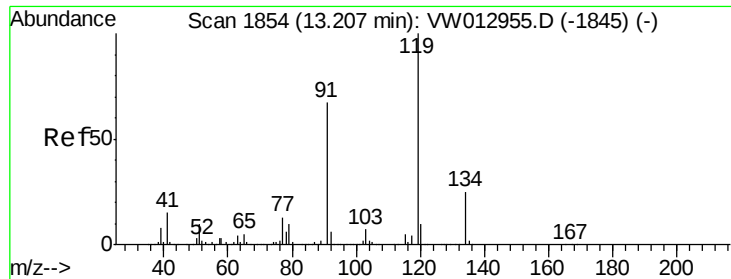
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#82
4-Chlorotoluene
Concen: 20.561 ug/l
RT: 12.99 min Scan# 1818
Delta R.T. -0.00 min
Lab File: VW013132.D
Acq: 19 Sep 2019 01:05

Tgt Ion	Ratio	Lower	Upper
91	100		
126	33.3	16.1	48.3





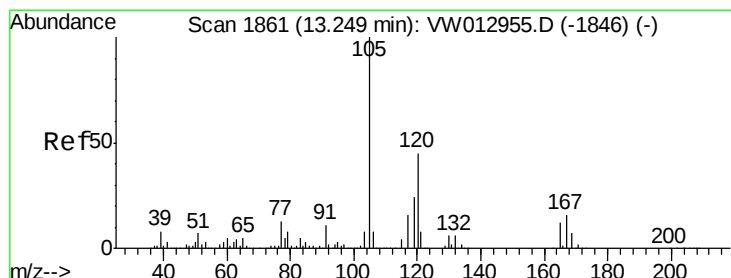
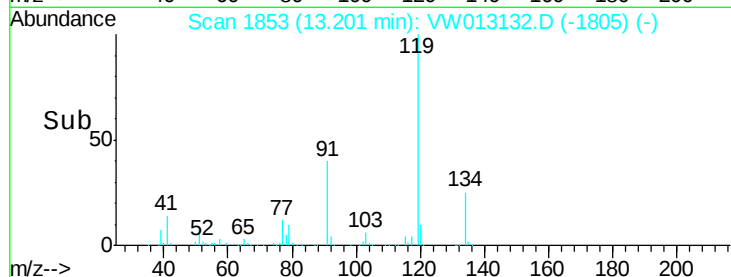
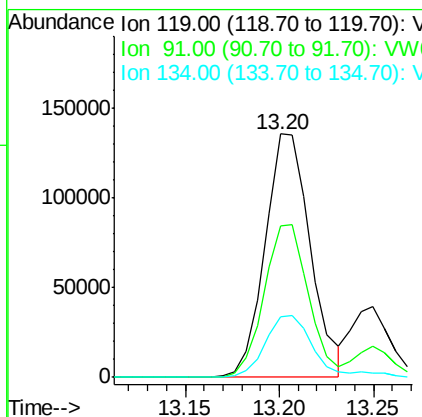
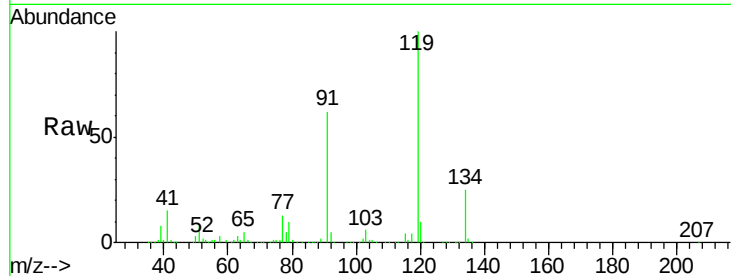
#83
 tert-Butylbenzene
 Concen: 21.021 ug/l
 RT: 13.20 min Scan# 1853
 Delta R.T. -0.01 min
 Lab File: VW013132.D
 Acq: 19 Sep 2019 01:05

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0918SBS02

Tot Ion	Ratio	Resp	Lower	Upper
119	100	226833		
91	61.5		32.6	98.0
134	26.0		12.4	37.4

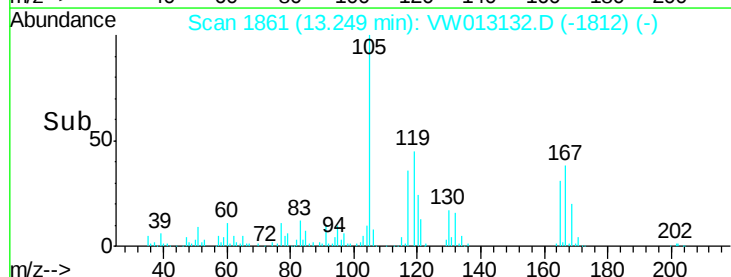
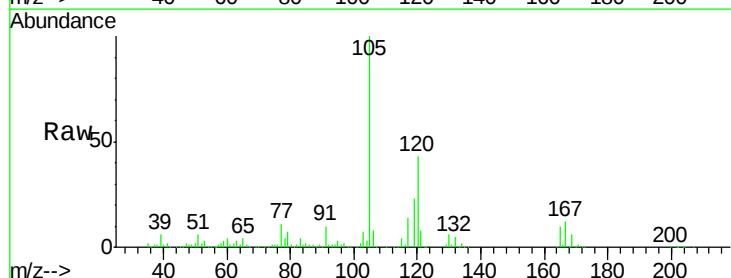
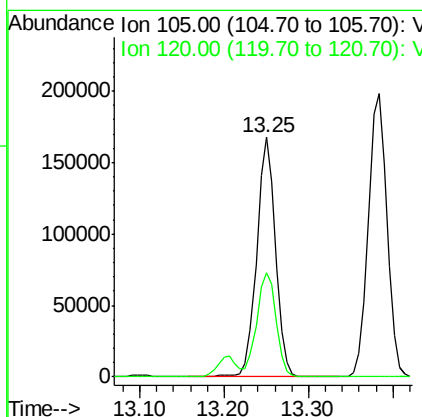
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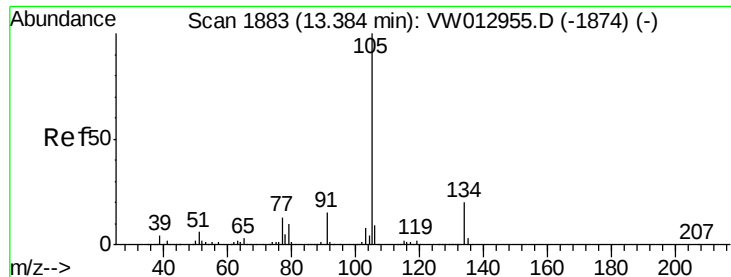
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#84
 1,2,4-Trimethylbenzene
 Concen: 21.318 ug/l
 RT: 13.25 min Scan# 1861
 Delta R.T. -0.00 min
 Lab File: VW013132.D
 Acq: 19 Sep 2019 01:05

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	254133		
120	44.4		21.9	65.7





#85

sec-Butylbenzene

Concen: 20.806 ug/l

RT: 13.38 min Scan# 1883

Delta R.T. -0.00 min

Lab File: VW013132.D

Acq: 19 Sep 2019 01:05

Instrument :

MSVOA_W

ClientSampleId :

VW0918SBS02

Tot Ion:105 Resp: 305888

Ion Ratio Lower Upper

105 100

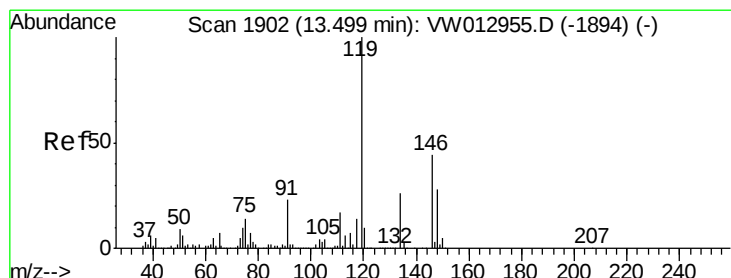
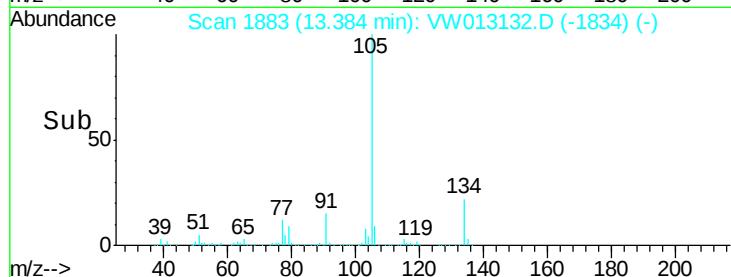
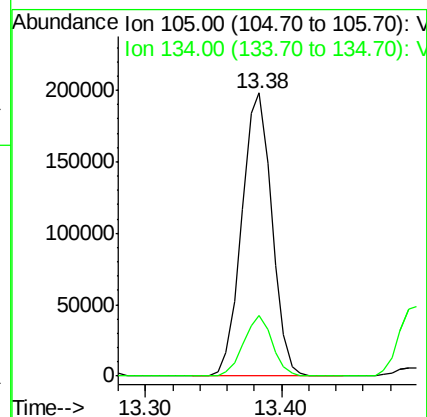
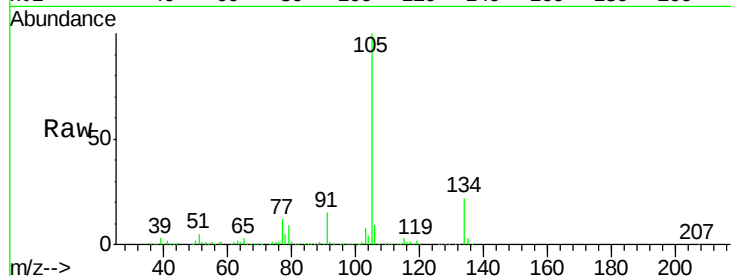
134 20.5 10.2 30.4

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#86

p-Isopropyltoluene

Concen: 21.257 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. -0.00 min

Lab File: VW013132.D

Acq: 19 Sep 2019 01:05

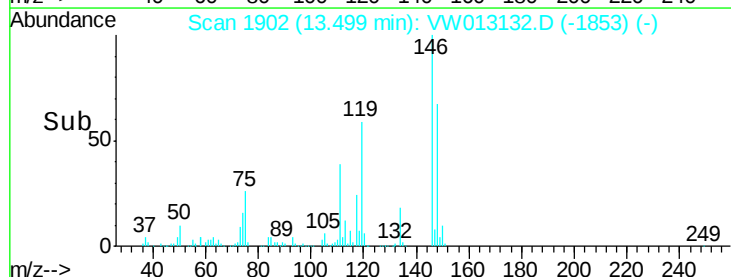
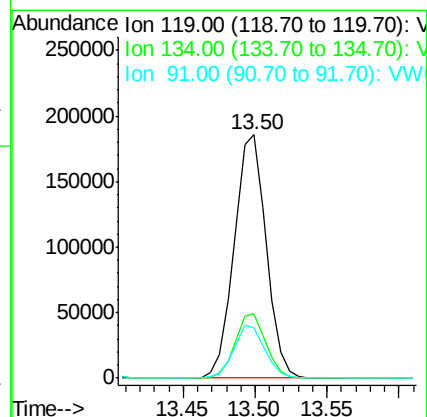
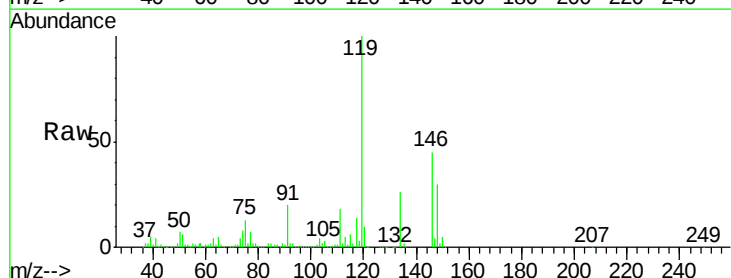
Tgt Ion:119 Resp: 286921

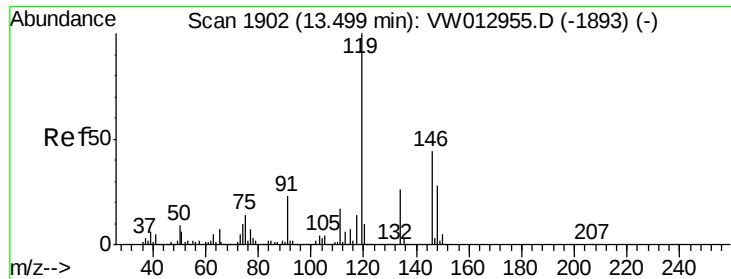
Ion Ratio Lower Upper

119 100

134 25.7 12.8 38.3

91 21.1 11.8 35.4





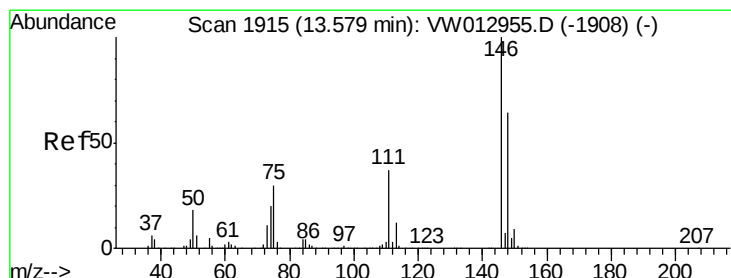
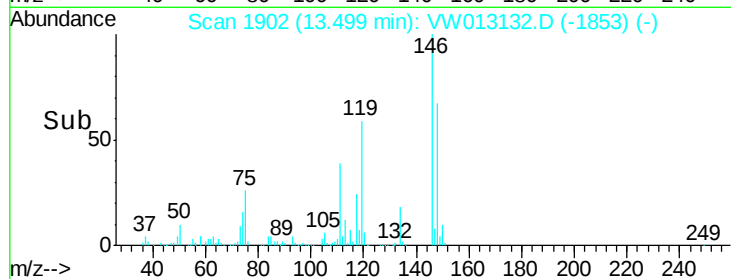
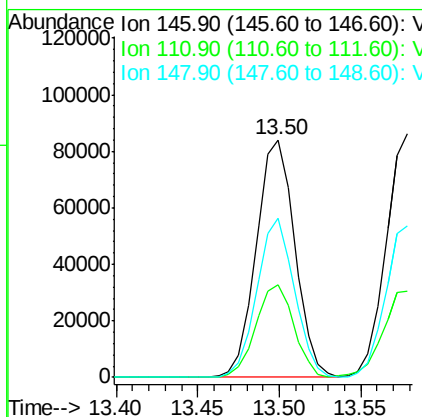
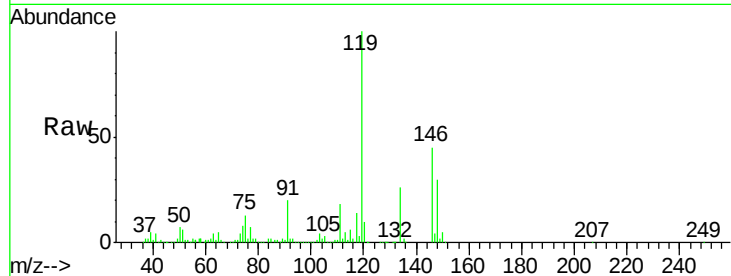
#87
 1,3-Dichlorobenzene
 Concen: 21.189 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW013132.D
 Acq: 19 Sep 2019 01:05

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0918SBS02

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.4	19.8	59.4
148	64.8	31.9	95.7

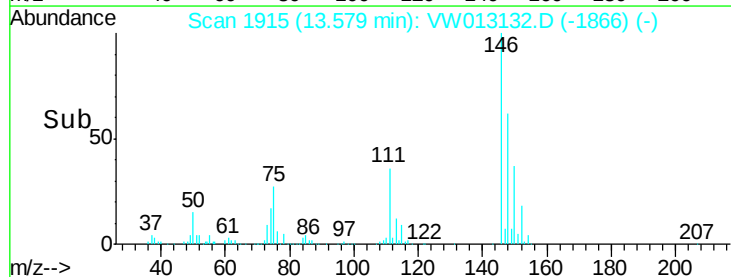
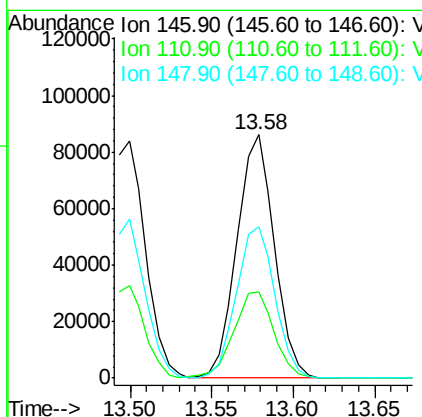
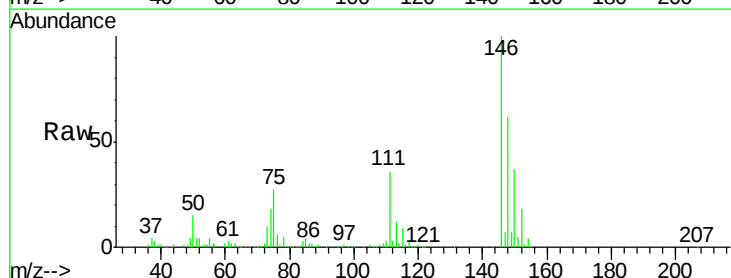
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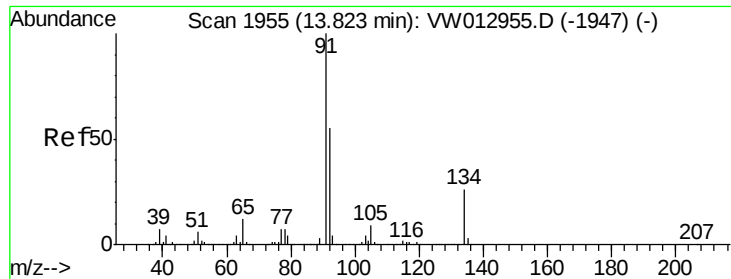
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#88
 1,4-Dichlorobenzene
 Concen: 21.466 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. -0.00 min
 Lab File: VW013132.D
 Acq: 19 Sep 2019 01:05

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.3	19.4	58.2
148	64.4	31.9	95.5





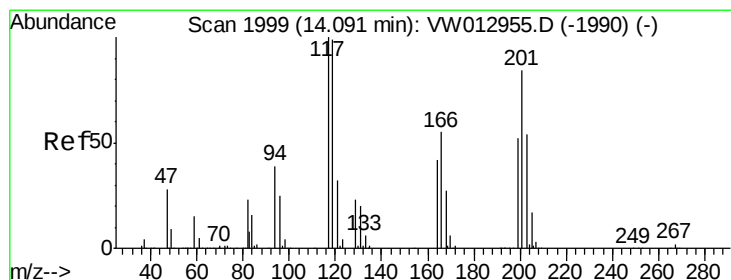
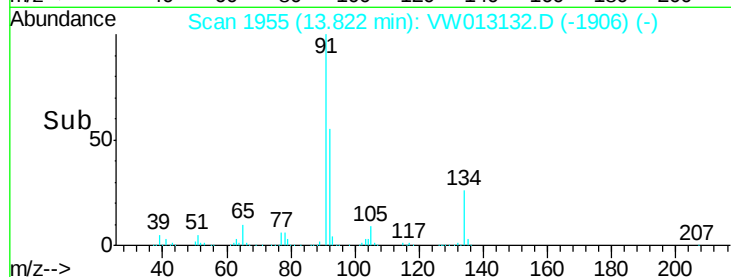
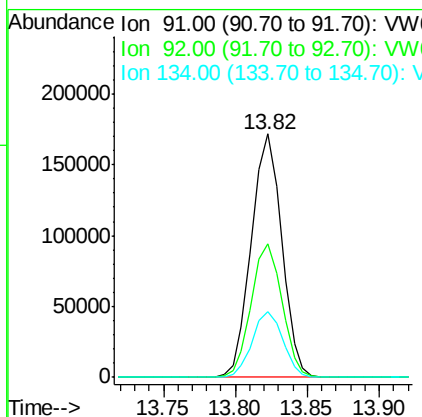
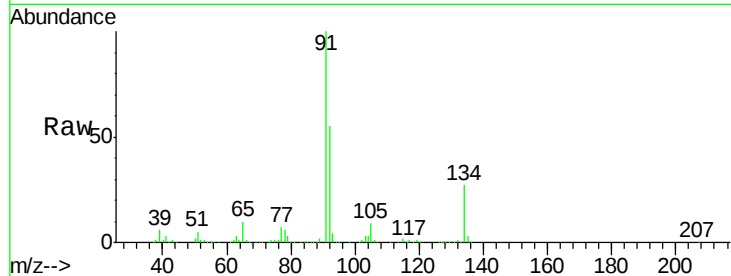
#89
n-Butylbenzene
Concen: 19.692 ug/l
RT: 13.82 min Scan# 1955
Delta R.T. -0.00 min
Lab File: VW013132.D
Acq: 19 Sep 2019 01:05

Instrument :
MSVOA_W
ClientSampleId :
VW0918SBS02

Tot Ion	Ratio	Resp	Lower	Upper
91	100	250665		
92	55.8		27.2	81.5
134	27.4		13.1	39.1

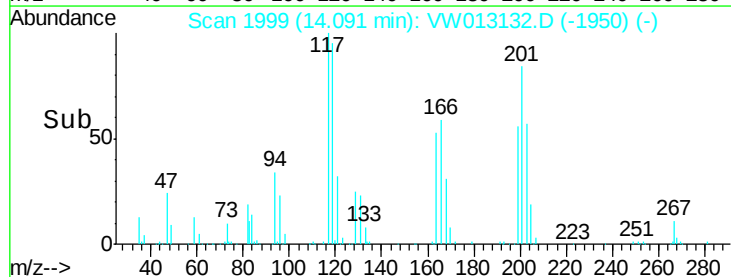
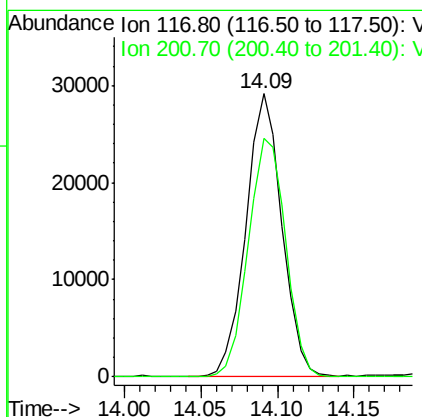
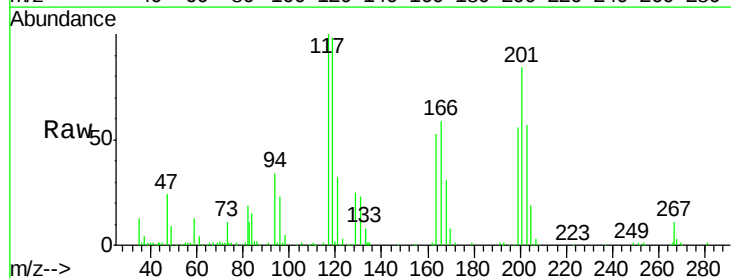
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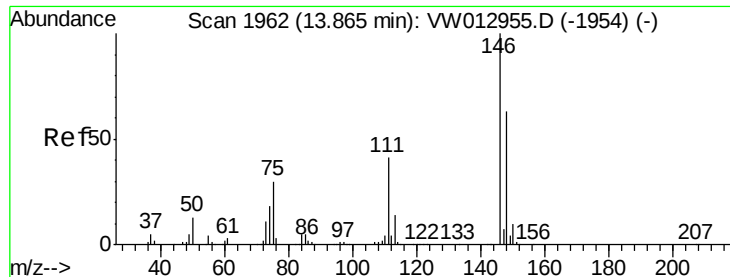
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#90
Hexachloroethane
Concen: 19.694 ug/l
RT: 14.09 min Scan# 1999
Delta R.T. -0.00 min
Lab File: VW013132.D
Acq: 19 Sep 2019 01:05

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	47638		
201	87.8		45.3	135.9





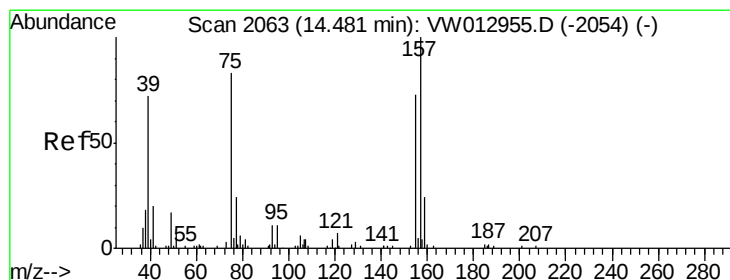
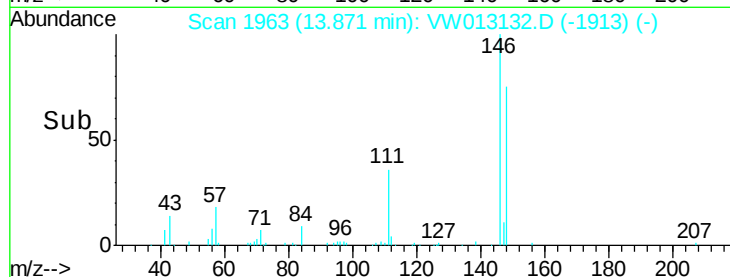
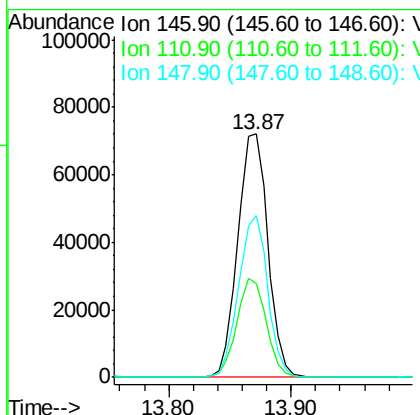
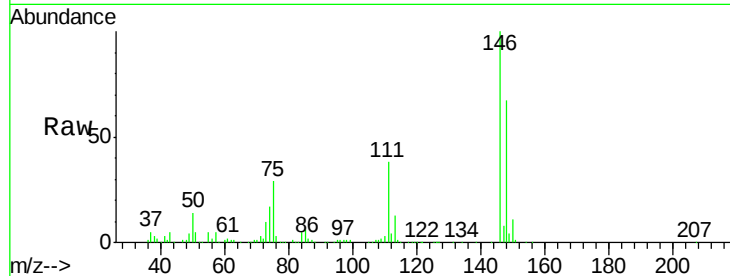
#91
 1,2-Dichlorobenzene
 Concen: 21.500 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. 0.01 min
 Lab File: VW013132.D
 Acq: 19 Sep 2019 01:05

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0918SBS02

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.3	20.8	62.5
148	64.2	32.7	98.1

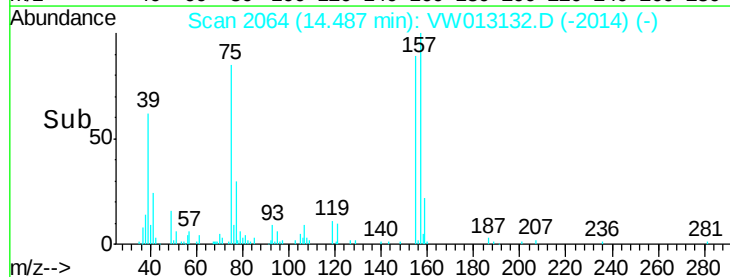
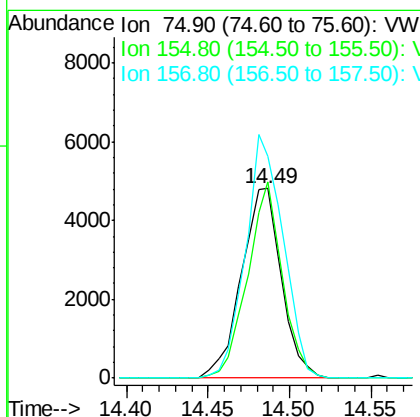
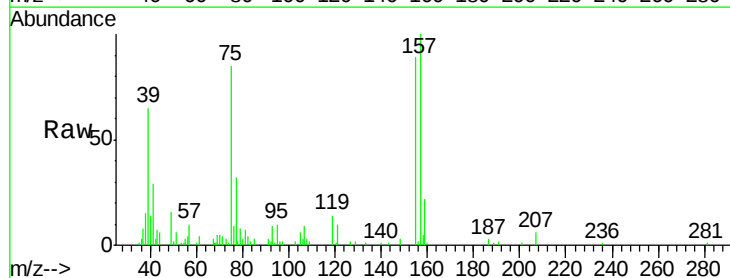
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 17.887 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. 0.01 min
 Lab File: VW013132.D
 Acq: 19 Sep 2019 01:05

Tgt Ion	Ratio	Lower	Upper
75	100		
155	90.1	43.3	129.9
157	121.7	54.7	164.1





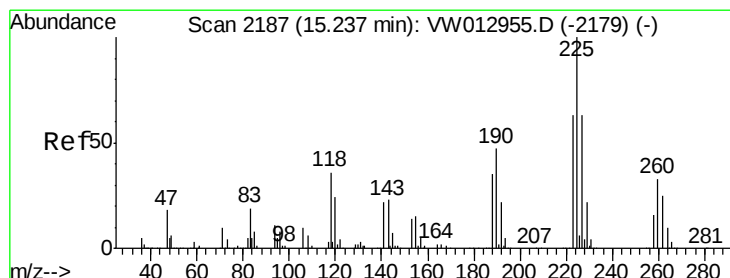
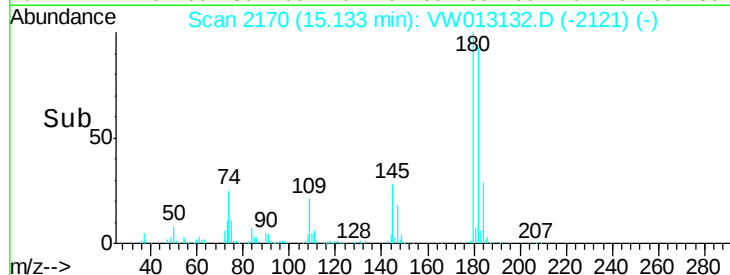
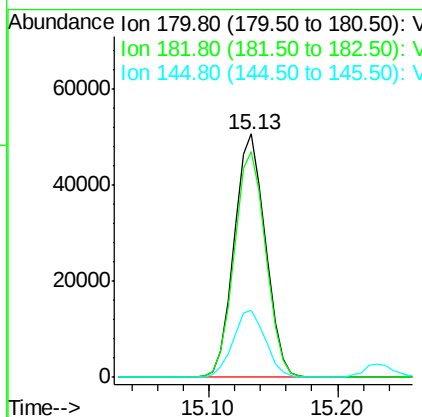
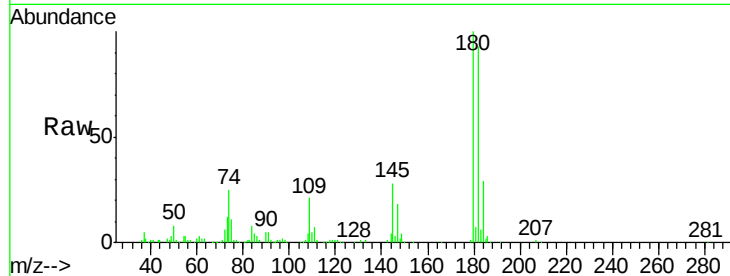
#93
 1,2,4-Trichlorobenzene
 Concen: 20.857 ug/l
 RT: 15.13 min Scan# 2170
 Delta R.T. -0.00 min
 Lab File: VW013132.D
 Acq: 19 Sep 2019 01:05

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0918SBS02

Tot Ion	Ratio	Resp	Lower	Upper
180	100	85065		
182	93.6		47.4	142.2
145	28.6		14.9	44.7

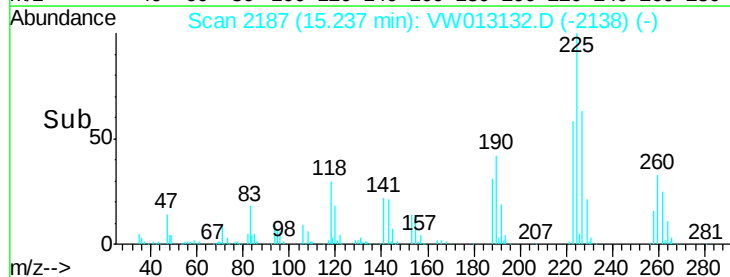
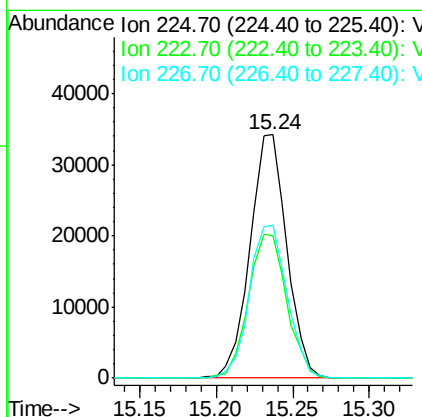
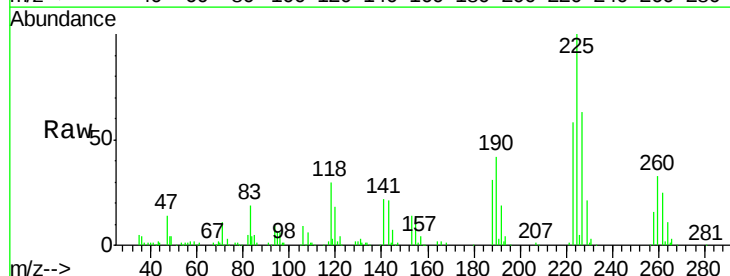
Manual Integrations
 APPROVED

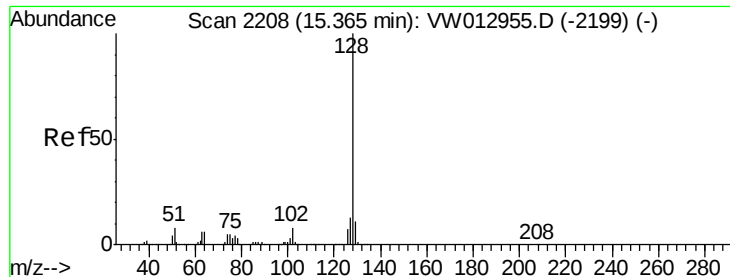
MMDadoda
 9/19/2019 11:21:49 AM



#94
 Hexachlorobutadiene
 Concen: 19.816 ug/l
 RT: 15.24 min Scan# 2187
 Delta R.T. -0.00 min
 Lab File: VW013132.D
 Acq: 19 Sep 2019 01:05

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	57215		
223	61.7		31.8	95.3
227	64.7		31.3	93.8





#95

Naphthalene

Concen: 21.743 ug/l

RT: 15.36 min Scan# 2208

Delta R.T. -0.00 min

Lab File: VW013132.D

Acq: 19 Sep 2019 01:05

Instrument :

MSVOA_W

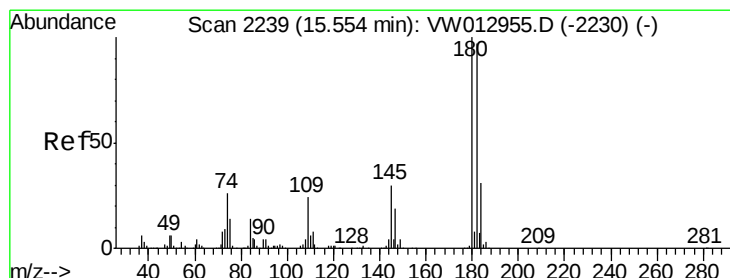
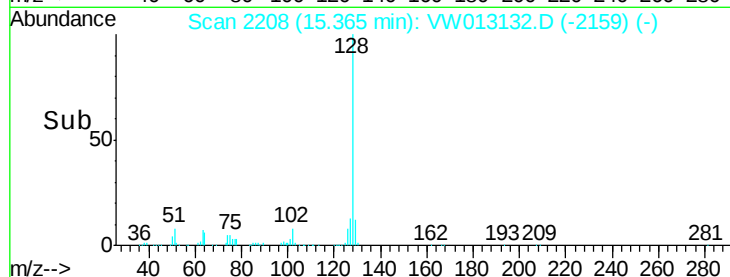
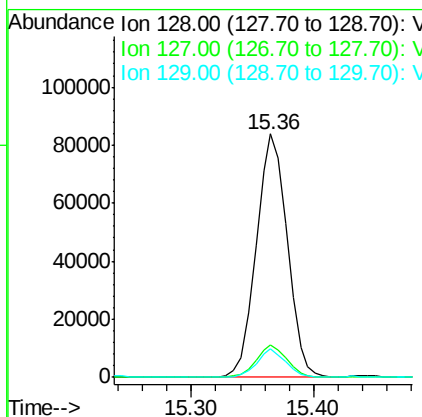
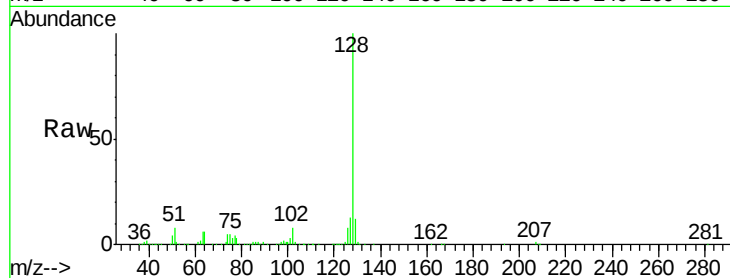
ClientSampleId :

VW0918SBS02

Tot Ion:	128	Resp:	148171
Ion Ratio	Lower	Upper	
128	100		
127	13.1	11.0	16.6
129	10.8	8.6	12.8

Manual Integrations
APPROVED

MMDadoda
9/19/2019 11:21:49 AM



#96

1,2,3-Trichlorobenzene

Concen: 20.795 ug/l

RT: 15.55 min Scan# 2239

Delta R.T. -0.00 min

Lab File: VW013132.D

Acq: 19 Sep 2019 01:05

Tgt Ion:	180	Resp:	74972
Ion Ratio	Lower	Upper	
180	100		
182	93.6	47.6	142.8
145	31.3	15.4	46.2

