

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091819\
 Data File : VW013128.D
 Acq On : 18 Sep 2019 21:37
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 9/19/2019 11:23:03 AM

Quant Time: Sep 19 09:22:29 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	352955	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	548664	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	481405	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	238415	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.30	65	143513	44.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.06%	
35) Dibromofluoromethane	7.88	113	137207	46.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.18%	
50) Toluene-d8	10.32	98	563388	48.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.72%	
62) 4-Bromofluorobenzene	12.62	95	199858	47.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.42%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	49883	35.638	ug/l	95
3) Chloromethane	2.20	50	72492	41.894	ug/l	99
4) Vinyl Chloride	2.36	62	99131	39.239	ug/l	99
5) Bromomethane	2.76	94	63927	41.436	ug/l	99
6) Chloroethane	2.91	64	65366	42.187	ug/l	97
7) Trichlorofluoromethane	3.25	101	60426	34.204	ug/l	96
8) Diethyl Ether	3.68	74	66868	48.474	ug/l	92
9) 1,1,2-Trichlorotrifluoroet	4.06	101	113400	42.322	ug/l	99
10) Methyl Iodide	4.26	142	157370	46.930	ug/l	94
11) Tert butyl alcohol	5.18	59	47581	213.064	ug/l #	85
12) 1,1-Dichloroethene	4.04	96	105196	43.179	ug/l	92
13) Acrolein	3.89	56	43729	180.007	ug/l	98
14) Allyl chloride	4.66	41	186671	40.360	ug/l	93
15) Acrylonitrile	5.36	53	168692	239.431	ug/l	99
16) Acetone	4.12	43	128850	176.408	ug/l	91
17) Carbon Disulfide	4.38	76	161014	33.164	ug/l	98
18) Methyl Acetate	4.67	43	83720	45.079	ug/l	98
19) Methyl tert-butyl Ether	5.42	73	233180	48.487	ug/l	97
20) Methylene Chloride	4.90	84	130557	49.525	ug/l	95
21) trans-1,2-Dichloroethene	5.42	96	119561	45.820	ug/l	98
22) Diisopropyl ether	6.31	45	446274	46.446	ug/l	95
23) Vinyl Acetate	6.25	43	1275526	221.643	ug/l #	95
24) 1,1-Dichloroethane	6.21	63	247307	44.641	ug/l	97
25) 2-Butanone	7.17	43	217550	209.882	ug/l	94
26) 2,2-Dichloropropane	7.16	77	138704	38.450	ug/l	94
27) cis-1,2-Dichloroethene	7.17	96	154149	49.344	ug/l	89
28) Bromochloromethane	7.51	49	117229	50.275	ug/l	92
29) Tetrahydrofuran	7.52	42	138635	234.736	ug/l	96
30) Chloroform	7.67	83	247777	44.018	ug/l	98
31) Cyclohexane	7.95	56	184236	43.773	ug/l	98
32) 1,1,1-Trichloroethane	7.87	97	188038	40.564	ug/l	97
36) 1,1-Dichloropropene	8.08	75	174844	39.880	ug/l	97
37) Ethyl Acetate	7.24	43	96870	41.626	ug/l	97
38) Carbon Tetrachloride	8.06	117	165942	36.934	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	200389	41.711	ug/l	95
40) Benzene	8.32	78	536845	43.862	ug/l	99
41) Methacrylonitrile	7.48	41	61371	40.046	ug/l	92
42) 1,2-Dichloroethane	8.40	62	156512	38.146	ug/l	94
43) Isopropyl Acetate	8.42	43	187226	41.902	ug/l	96
44) Trichloroethene	9.09	130	147790	44.083	ug/l	90
45) 1,2-Dichloropropane	9.37	63	146479	45.045	ug/l	98
46) Dibromomethane	9.46	93	69151	44.386	ug/l	98
47) Bromodichloromethane	9.64	83	177998	40.731	ug/l	100
48) Methyl methacrylate	9.43	41	87082	41.527	ug/l	92
49) 1,4-Dioxane	9.46	88	21062	806.802	ug/l #	91
51) 4-Methyl-2-Pentanone	10.21	43	494685	214.445	ug/l	94
52) Toluene	10.38	92	354257	45.549	ug/l	98
53) t-1,3-Dichloropropene	10.60	75	184997	42.092	ug/l	96
54) cis-1,3-Dichloropropene	10.07	75	217612	43.273	ug/l	90
55) 1,1,2-Trichloroethane	10.79	97	114631	48.299	ug/l	99
56) Ethyl methacrylate	10.65	69	153246	47.970	ug/l #	89
57) 1,3-Dichloropropane	10.93	76	197009	46.794	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.92	63	423645	247.211	ug/l	97
59) 2-Hexanone	10.97	43	336614	209.564	ug/l	95
60) Dibromochloromethane	11.13	129	127107	44.297	ug/l	99
61) 1,2-Dibromoethane	11.23	107	102993	47.570	ug/l	100
64) Tetrachloroethene	10.86	164	130945	45.723	ug/l	95
65) Chlorobenzene	11.66	112	392712	45.798	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.73	131	144823	44.072	ug/l	98
67) Ethyl Benzene	11.73	91	700702	44.245	ug/l	99
68) m/p-Xylenes	11.84	106	529380	91.502	ug/l	95
69) o-Xylene	12.16	106	258669	47.690	ug/l	95
70) Styrene	12.18	104	454794	47.136	ug/l	96
71) Bromoform	12.35	173	74684	43.268	ug/l #	99
73) Isopropylbenzene	12.46	105	714419	45.208	ug/l	100
74) N-amyl acetate	12.27	43	179414	44.135	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.71	83	132274	47.657	ug/l	98
76) 1,2,3-Trichloropropane	12.77	75	83677m	40.069	ug/l	
77) Bromobenzene	12.74	156	169991	46.694	ug/l	96
78) n-propylbenzene	12.80	91	827064	44.492	ug/l	99
79) 2-Chlorotoluene	12.89	91	477031	44.641	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	629983	47.122	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.51	75	39173	42.552	ug/l	92
82) 4-Chlorotoluene	12.99	91	496424	44.029	ug/l	96
83) tert-Butylbenzene	13.21	119	537734	44.968	ug/l	97
84) 1,2,4-Trimethylbenzene	13.25	105	616506	46.666	ug/l	96
85) sec-Butylbenzene	13.38	105	738414	45.323	ug/l	100
86) p-Isopropyltoluene	13.50	119	678141	45.335	ug/l	97
87) 1,3-Dichlorobenzene	13.50	146	333554	46.283	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	327709	46.272	ug/l	99
89) n-Butylbenzene	13.82	91	625684	44.353	ug/l	98
90) Hexachloroethane	14.09	117	113422	42.312	ug/l	98
91) 1,2-Dichlorobenzene	13.87	146	295587	46.639	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	19239	37.868	ug/l	84

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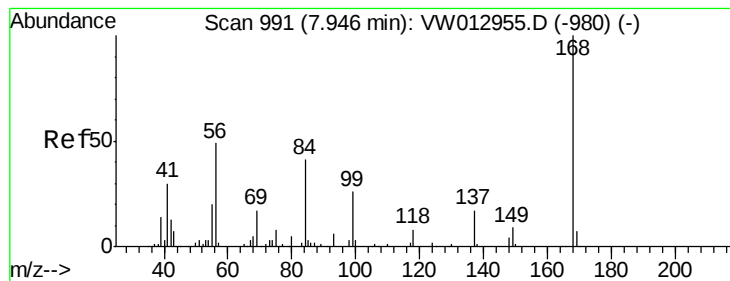
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	221071	48.911	ug/l	98
94) Hexachlorobutadiene	15.24	225	139402	43.567	ug/l	98
95) Naphthalene	15.36	128	405594	53.706	ug/l	99
96) 1,2,3-Trichlorobenzene	15.55	180	196807	49.258	ug/l	96

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. 0.00 min

Lab File: VW013128.D

Acq: 18 Sep 2019 21:37

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 352955

Ion Ratio Lower Upper

168 100

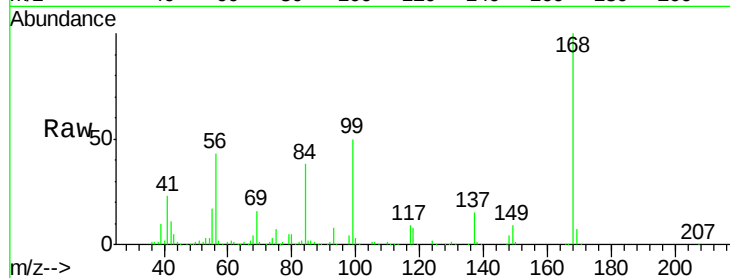
99 50.0 46.2 69.2

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Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.95

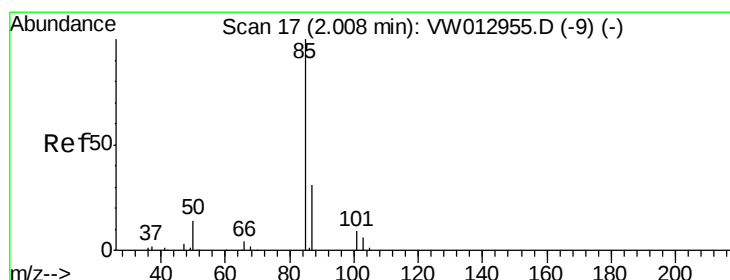
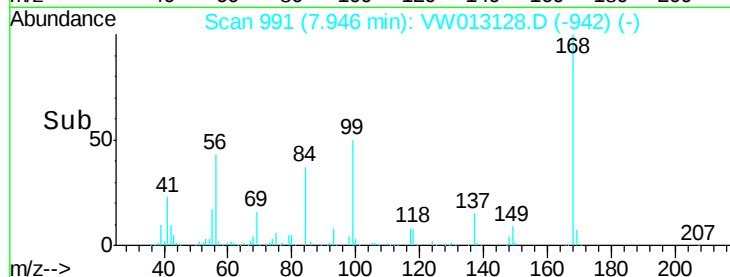
150000

100000

50000

0

Time--> 7.80 7.90 8.00 8.10



#2

Dichlorodifluoromethane

Concen: 35.638 ug/l

RT: 2.00 min Scan# 16

Delta R.T. -0.01 min

Lab File: VW013128.D

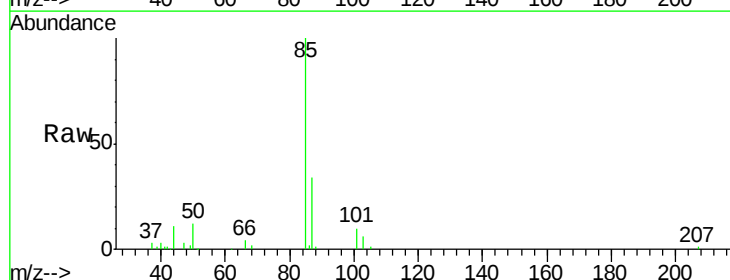
Acq: 18 Sep 2019 21:37

Tgt Ion: 85 Resp: 49883

Ion Ratio Lower Upper

85 100

87 33.7 15.4 46.4



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

20000

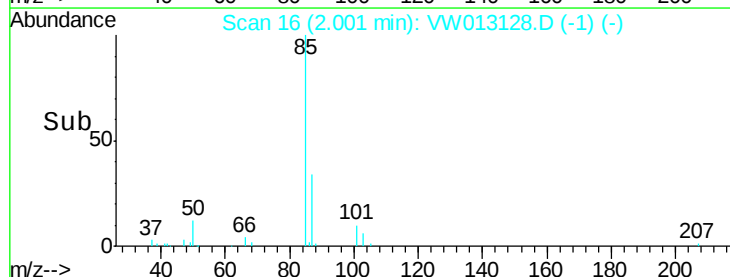
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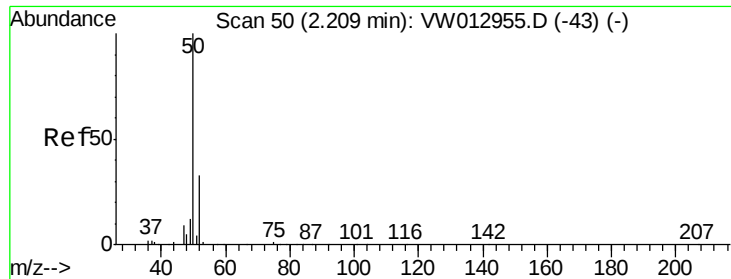
10000

5000

0

Time--> 1.90 2.00 2.10 2.20





#3

Chloromethane

Concen: 41.894 ug/l

RT: 2.20 min Scan# 49

Delta R.T. -0.01 min

Lab File: VW013128.D

Acq: 18 Sep 2019 21:37

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 72492

Ion Ratio Lower Upper

50 100

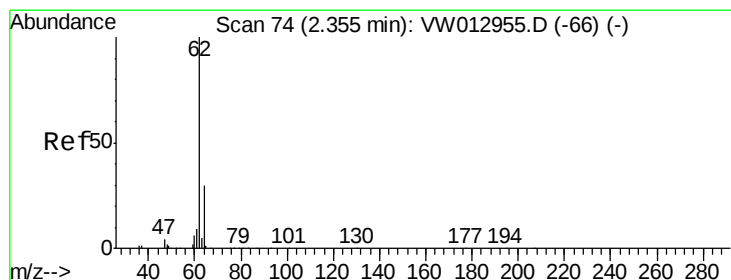
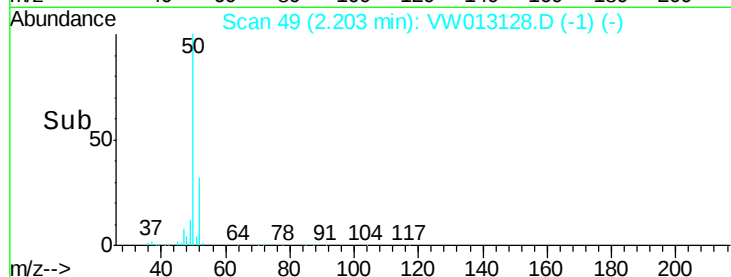
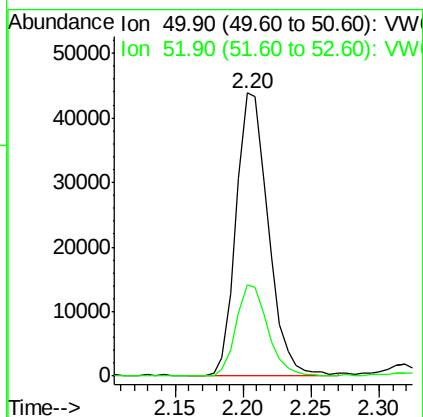
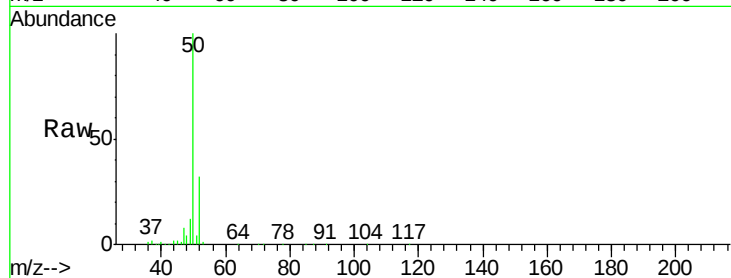
52 32.4 26.6 39.8

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#4

Vinyl Chloride

Concen: 39.239 ug/l

RT: 2.36 min Scan# 74

Delta R.T. -0.00 min

Lab File: VW013128.D

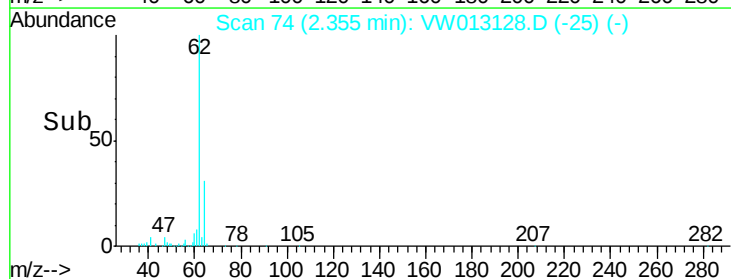
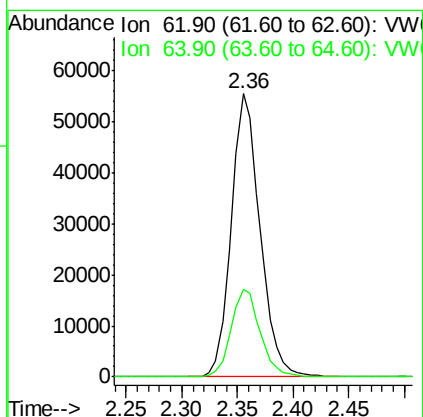
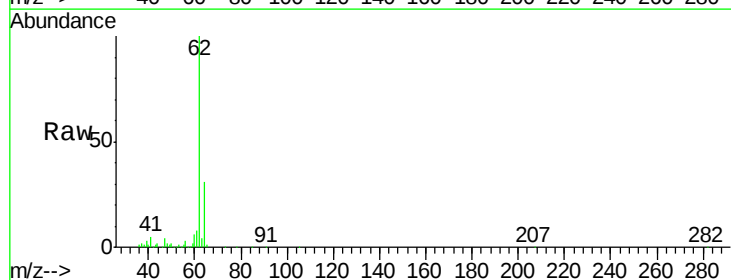
Acq: 18 Sep 2019 21:37

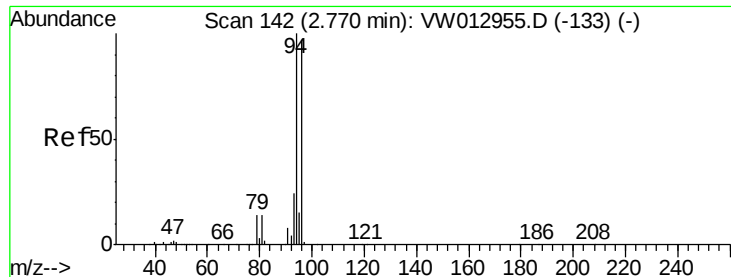
Tgt Ion: 62 Resp: 99131

Ion Ratio Lower Upper

62 100

64 31.0 24.2 36.4





#5

Bromomethane

Concen: 41.436 ug/l

RT: 2.76 min Scan# 141

Delta R.T. -0.01 min

Lab File: VW013128.D

Acq: 18 Sep 2019 21:37

Instrument :

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Tot Ion: 94 Resp: 63927

Ion Ratio Lower Upper

94 100

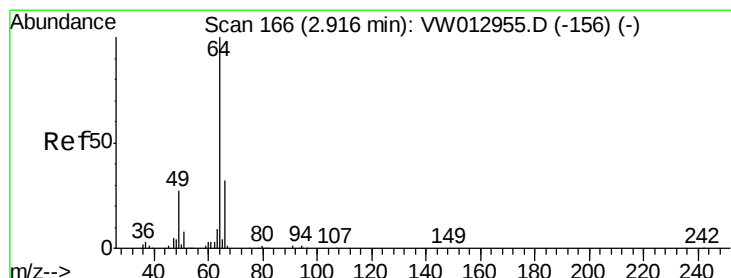
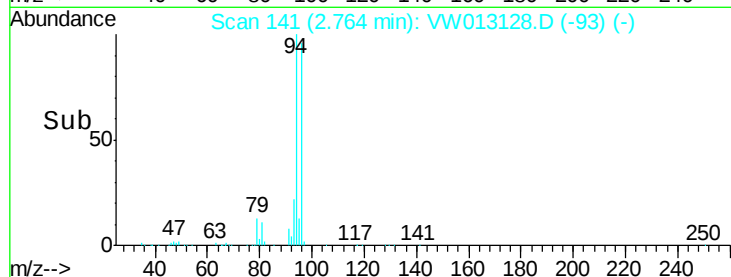
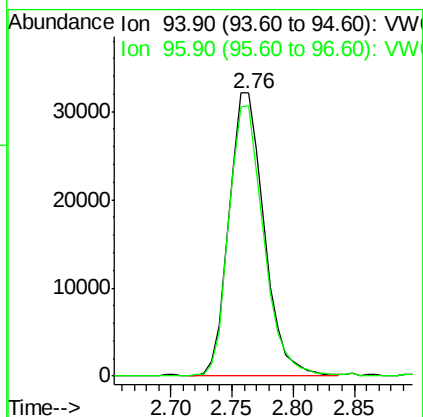
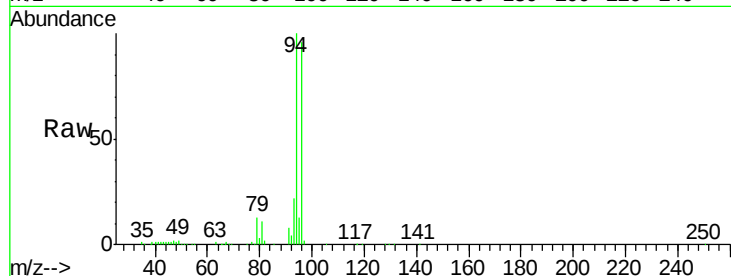
96 95.8 77.8 116.6

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#6

Chloroethane

Concen: 42.187 ug/l

RT: 2.91 min Scan# 165

Delta R.T. -0.01 min

Lab File: VW013128.D

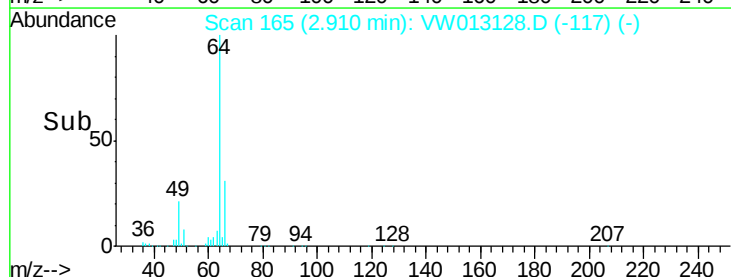
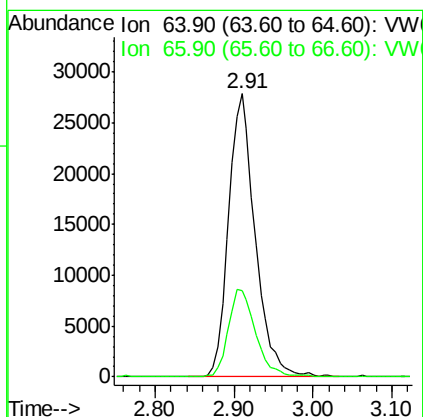
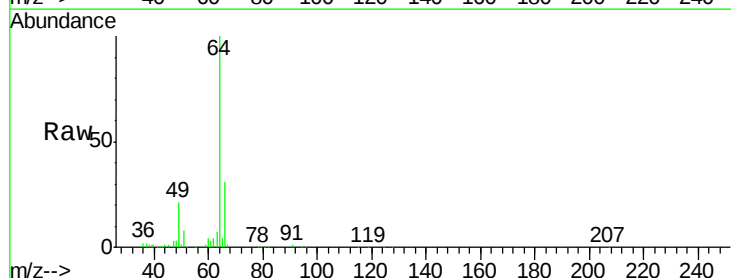
Acq: 18 Sep 2019 21:37

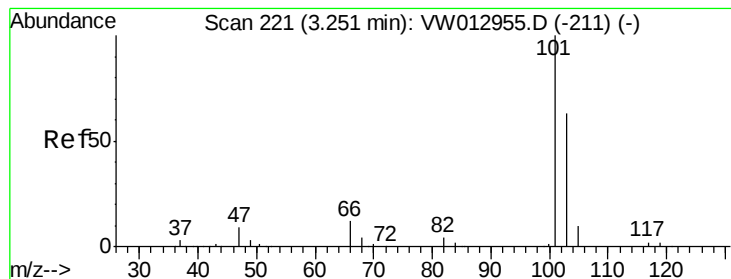
Tgt Ion: 64 Resp: 65366

Ion Ratio Lower Upper

64 100

66 30.5 25.9 38.9





#7

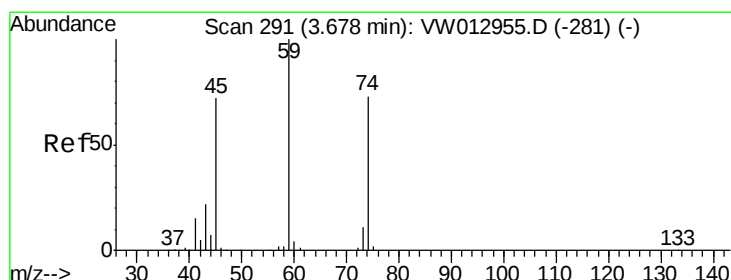
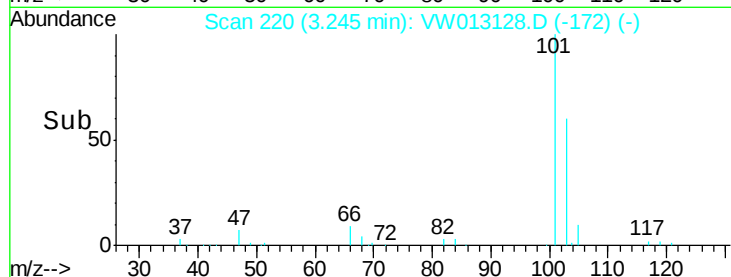
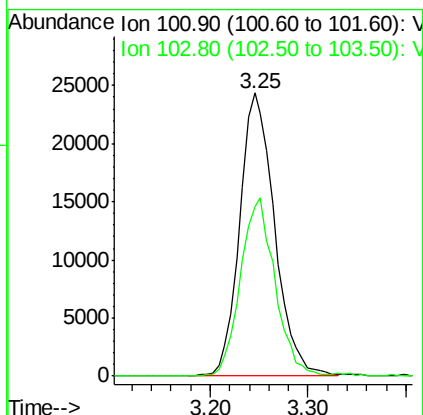
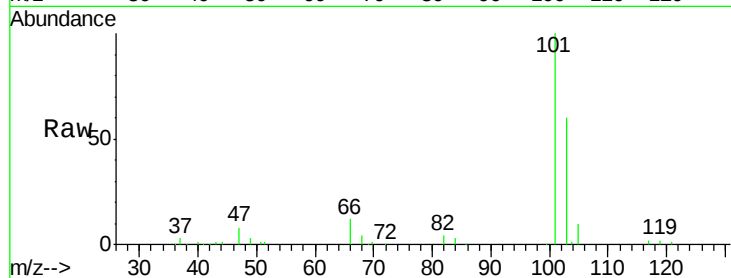
Trichlorofluoromethane
Concen: 34.204 ug/l
RT: 3.25 min Scan# 220
Delta R.T. -0.01 min
Lab File: VW013128.D
Acq: 18 Sep 2019 21:37

Instrument :
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ClientSampleId :
VSTDCCC050EC

Tot Ion:101 Resp: 60426
Ion Ratio Lower Upper
101 100
103 60.1 50.7 76.1

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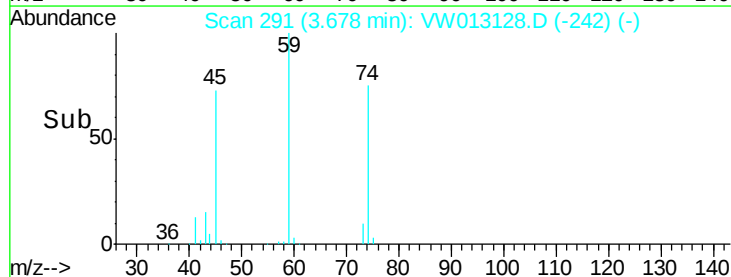
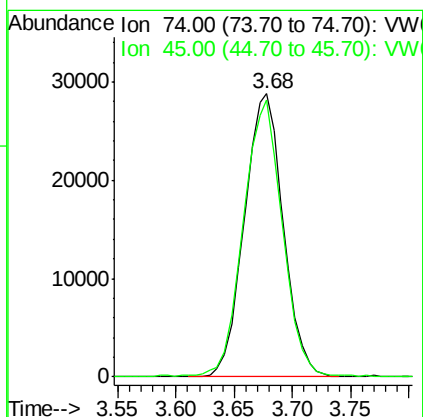
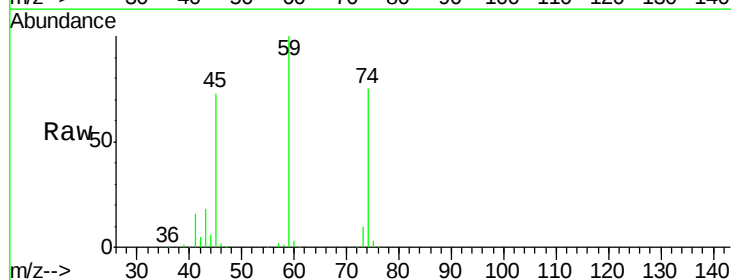
MMDadoda
9/19/2019 11:23:03 AM

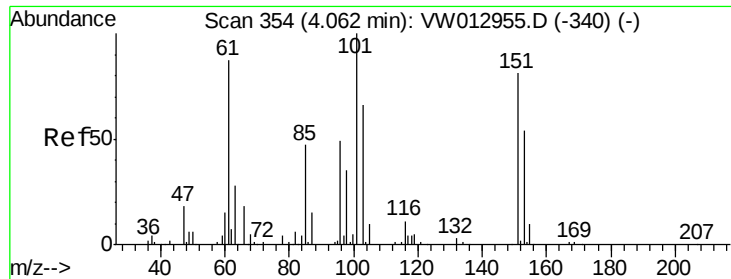


#8

Diethyl Ether
Concen: 48.474 ug/l
RT: 3.68 min Scan# 291
Delta R.T. -0.00 min
Lab File: VW013128.D
Acq: 18 Sep 2019 21:37

Tgt Ion: 74 Resp: 66868
Ion Ratio Lower Upper
74 100
45 98.9 53.8 161.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 42.322 ug/l

RT: 4.06 min Scan# 353

Delta R.T. -0.01 min

Lab File: VW013128.D

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Instrument :

MSVOA_W

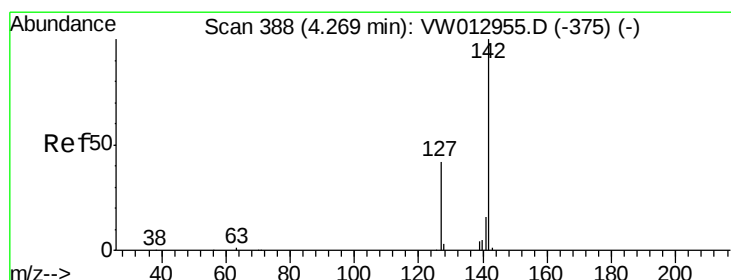
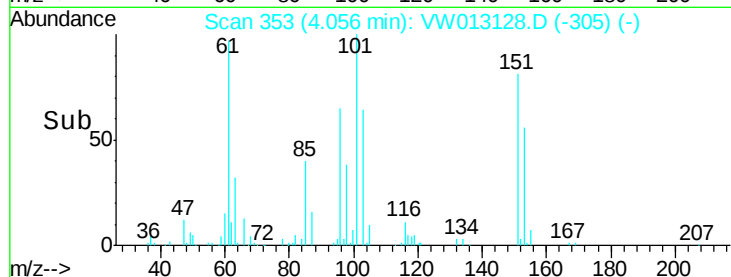
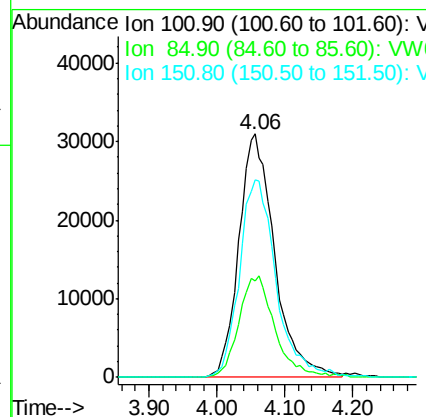
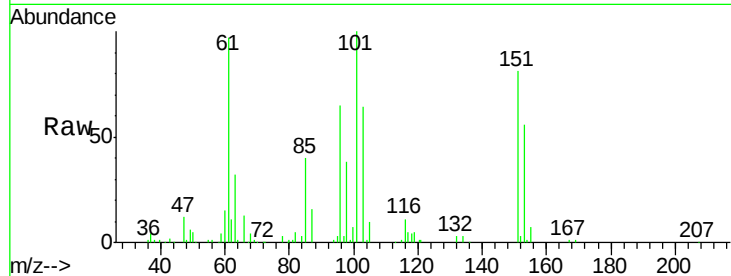
ClientSampleId :

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Tot Ion:	101	Resp:	113400
Ion Ratio	Lower	Upper	
101	100		
85	42.0	34.9	52.3
151	83.0	66.0	99.0

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9/19/2019 11:23:03 AM



#10

Methyl Iodide

Concen: 46.930 ug/l

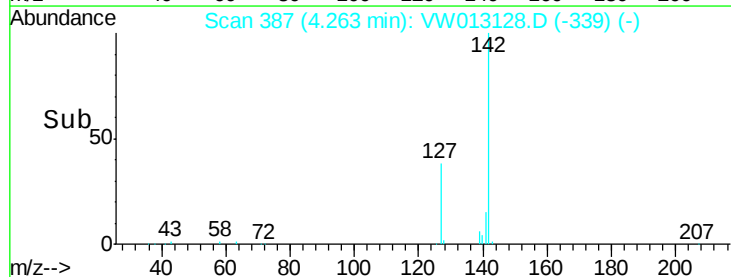
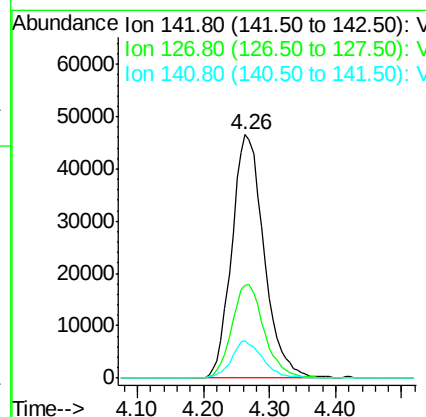
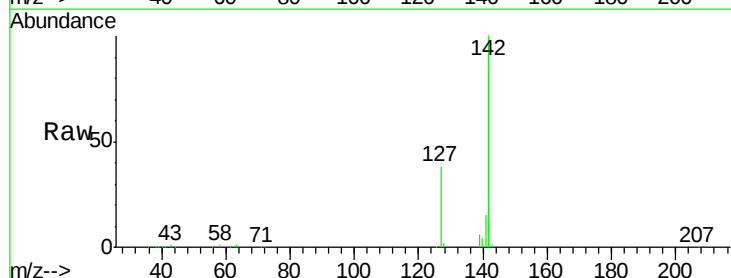
RT: 4.26 min Scan# 387

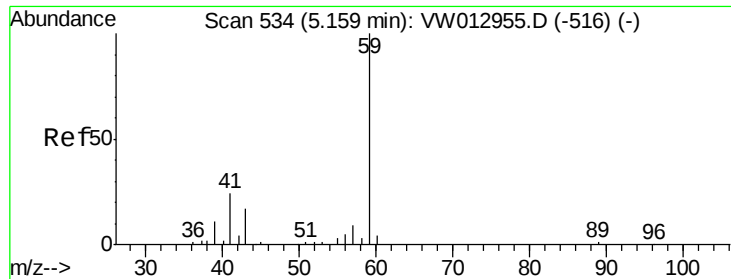
Delta R.T. -0.01 min

Lab File: VW013128.D

Acq: 18 Sep 2019 21:37

Tgt Ion:	142	Resp:	157370
Ion Ratio	Lower	Upper	
142	100		
127	38.6	34.7	52.1
141	14.7	12.2	18.2





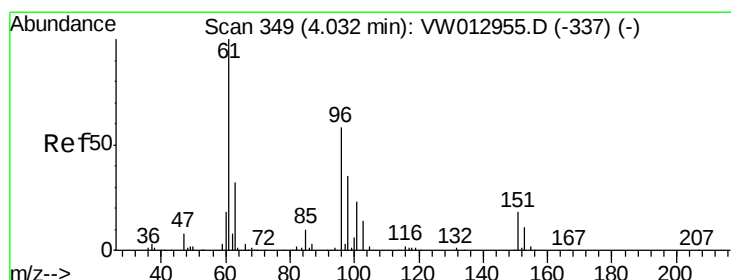
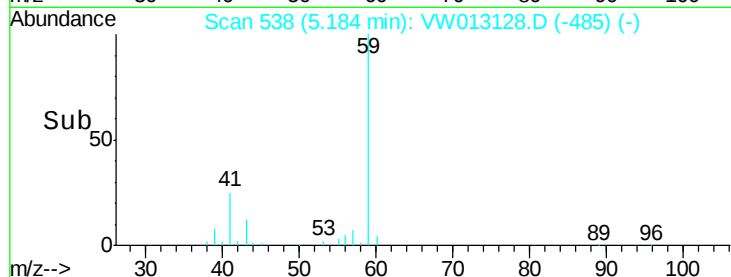
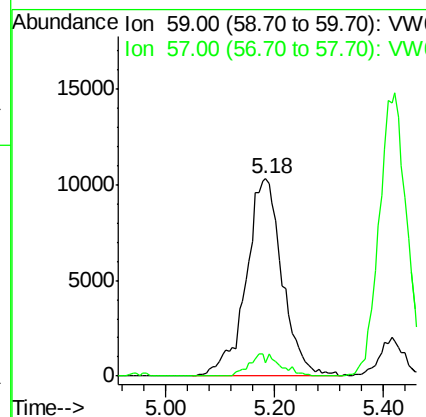
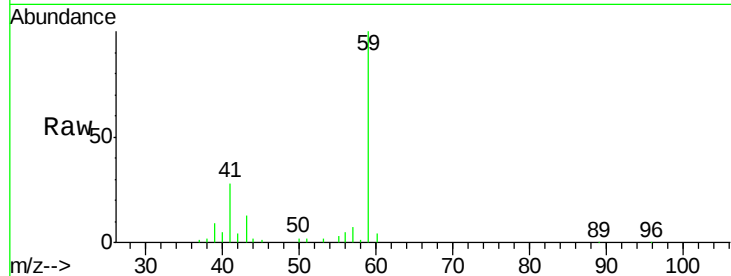
#11
Tert butyl alcohol
Concen: 213.064 ug/l
RT: 5.18 min Scan# 538
Delta R.T. 0.02 min
Lab File: VW013128.D
Acq: 18 Sep 2019 21:37

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	59	Resp	47581
Ion Ratio	100	Lower	Upper
57	5.1	8.5	12.7#

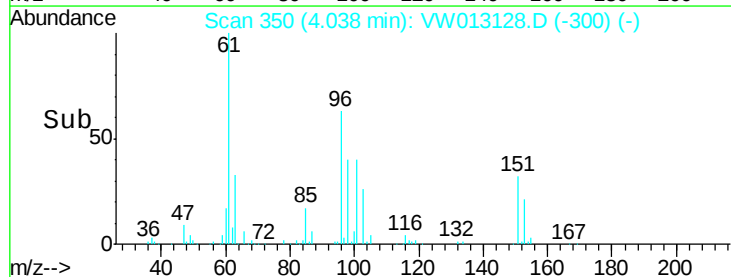
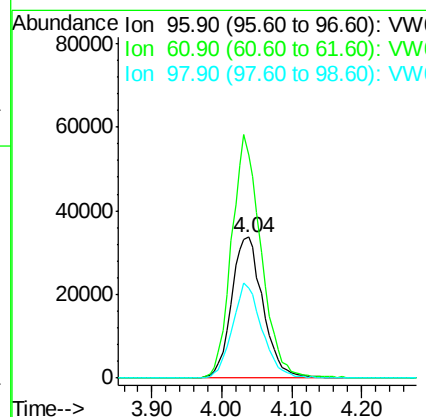
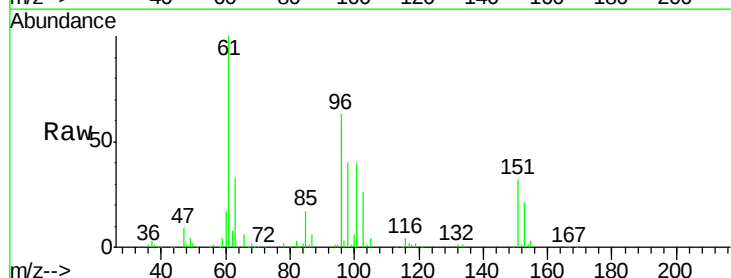
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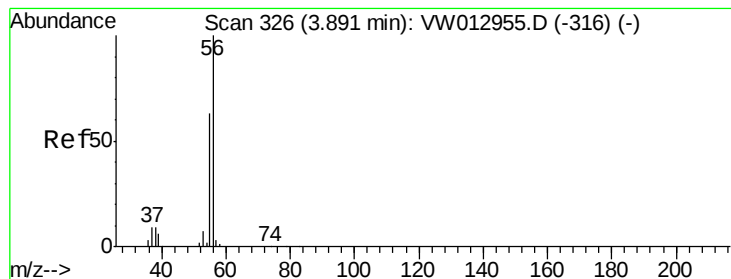
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#12
1,1-Dichloroethene
Concen: 43.179 ug/l
RT: 4.04 min Scan# 350
Delta R.T. 0.01 min
Lab File: VW013128.D
Acq: 18 Sep 2019 21:37

Tgt Ion	96	Resp	105196
Ion Ratio	100	Lower	Upper
61	158.5	137.9	206.9
98	63.8	48.9	73.3





#13

Acrolein

Concen: 180.007 ug/l

RT: 3.89 min Scan# 326

Delta R.T. 0.00 min

Lab File: VW013128.D

Acq: 18 Sep 2019 21:37

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 43729

Ion Ratio Lower Upper

56 100

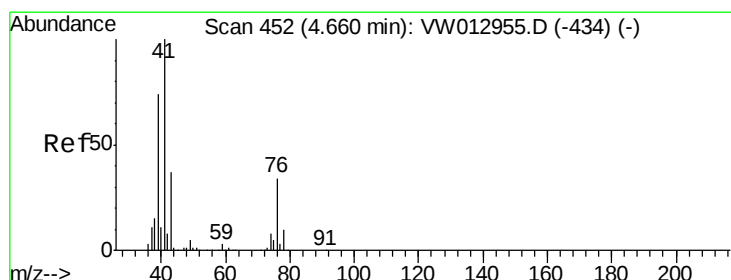
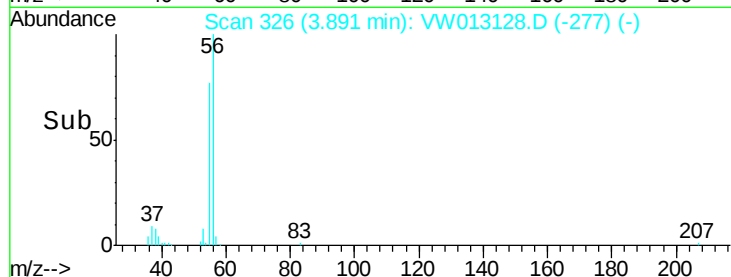
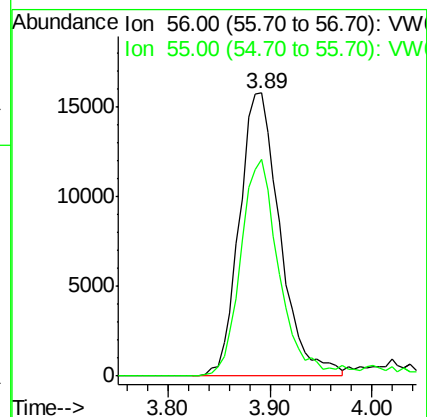
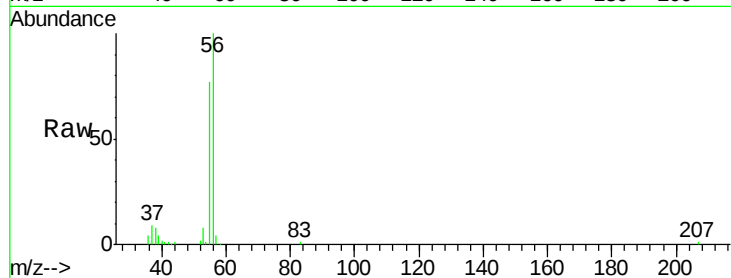
55 71.7 55.8 83.8

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#14

Allyl chloride

Concen: 40.360 ug/l

RT: 4.66 min Scan# 452

Delta R.T. -0.00 min

Lab File: VW013128.D

Acq: 18 Sep 2019 21:37

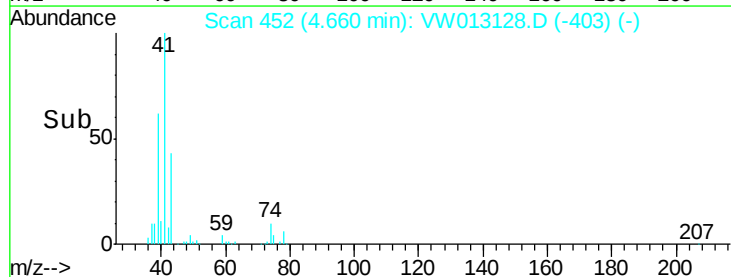
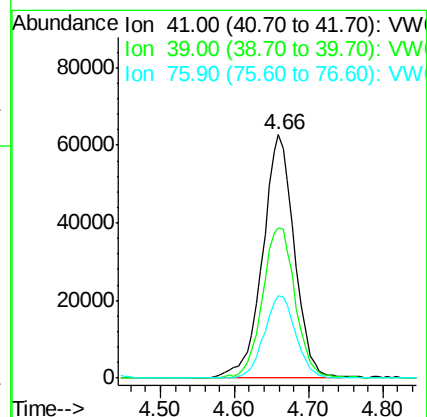
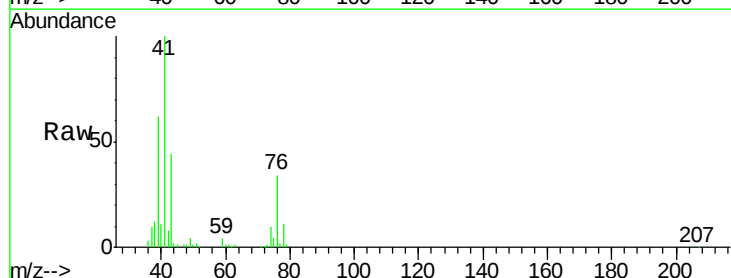
Tgt Ion: 41 Resp: 186671

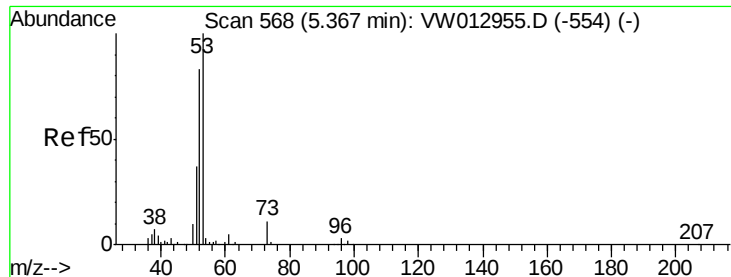
Ion Ratio Lower Upper

41 100

39 63.7 56.7 85.1

76 33.6 25.1 37.7





#15

Acrylonitrile

Concen: 239.431 ug/l

RT: 5.36 min Scan# 567

Delta R.T. -0.01 min

Lab File: VW013128.D

Acq: 18 Sep 2019 21:37

Instrument :

MSVOA_W

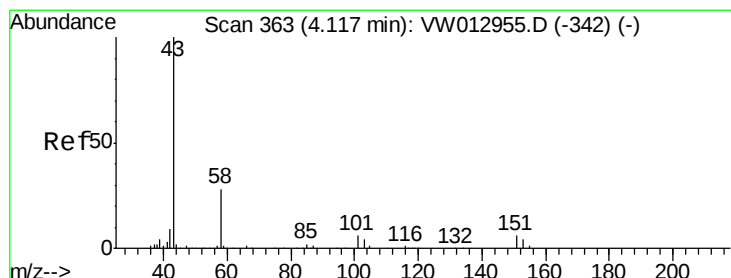
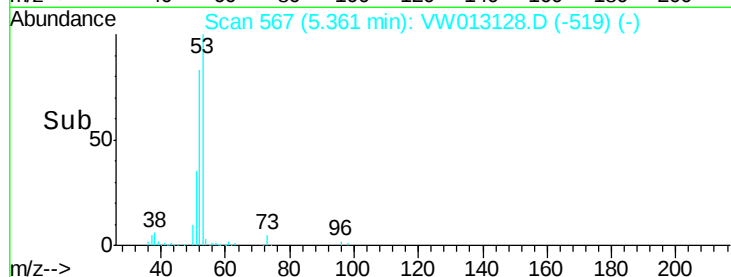
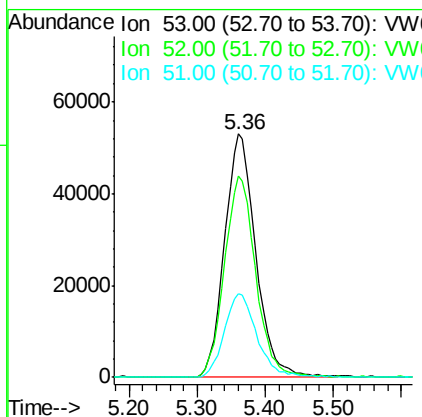
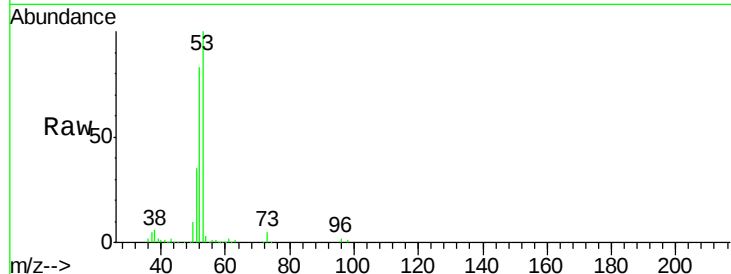
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	168692
Ion Ratio	Lower	Upper	
53	100		
52	82.8	66.6	100.0
51	35.6	29.8	44.8

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#16

Acetone

Concen: 176.408 ug/l

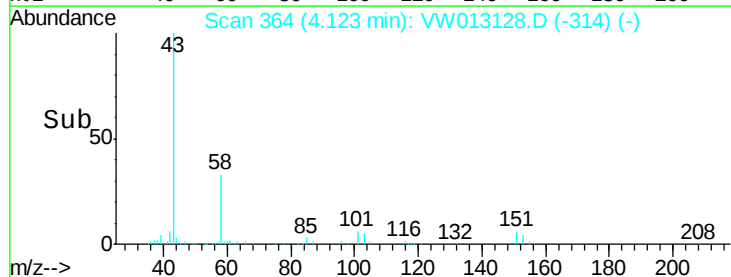
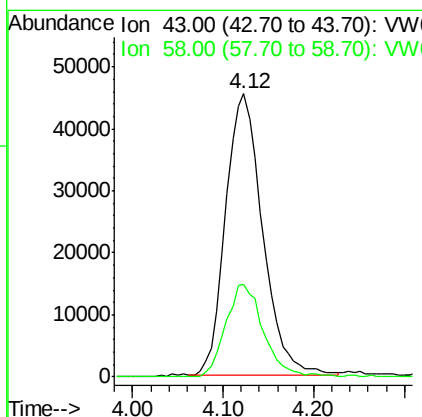
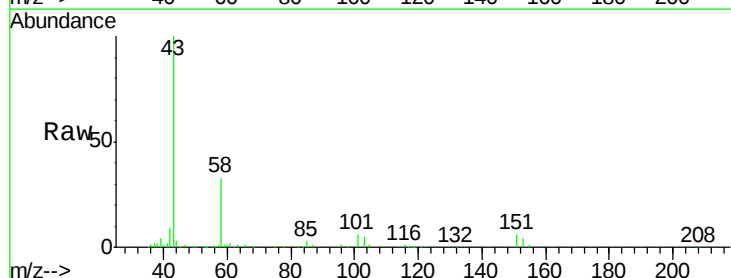
RT: 4.12 min Scan# 364

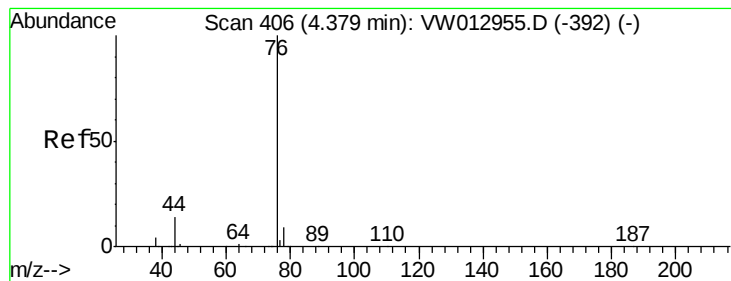
Delta R.T. 0.01 min

Lab File: VW013128.D

Acq: 18 Sep 2019 21:37

Tgt Ion:	43	Resp:	128850
Ion Ratio	Lower	Upper	
43	100		
58	32.7	22.3	33.5





#17

Carbon Disulfide

Concen: 33.164 ug/l

RT: 4.38 min Scan# 406

Delta R.T. 0.00 min

Lab File: VW013128.D

Acq: 18 Sep 2019 21:37

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 161014

Ion Ratio Lower Upper

76 100

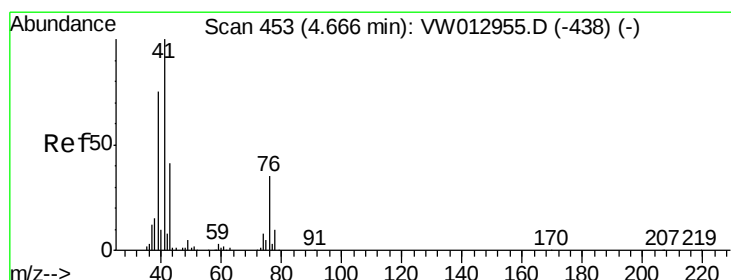
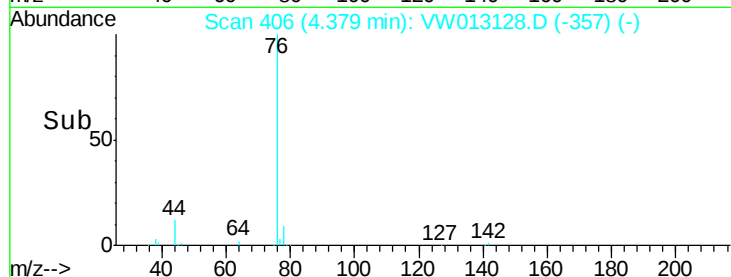
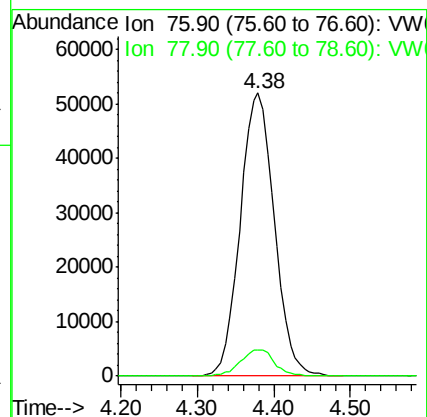
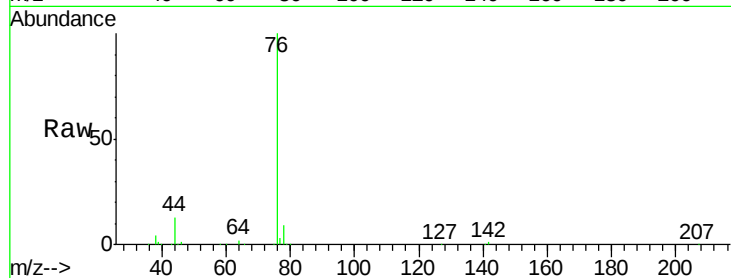
78 9.4 7.0 10.4

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9/19/2019 11:23:03 AM



#18

Methyl Acetate

Concen: 45.079 ug/l

RT: 4.67 min Scan# 453

Delta R.T. 0.00 min

Lab File: VW013128.D

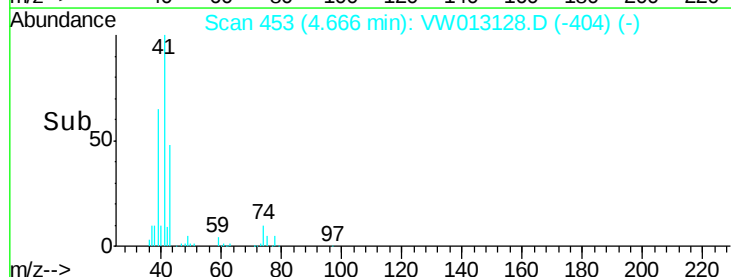
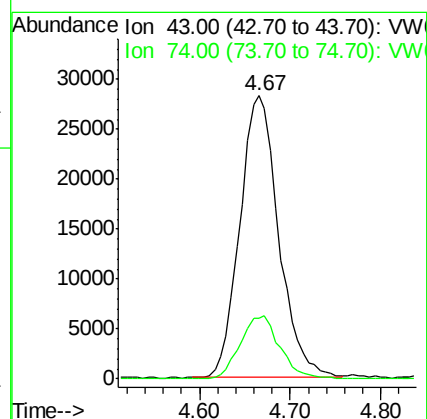
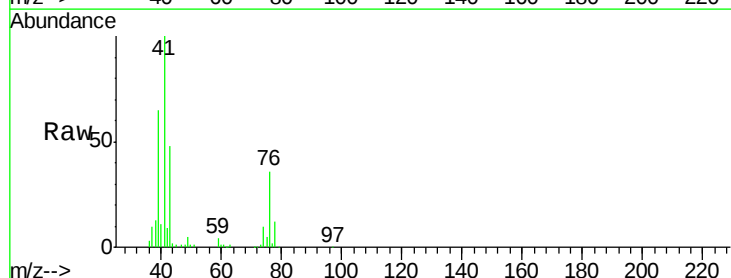
Acq: 18 Sep 2019 21:37

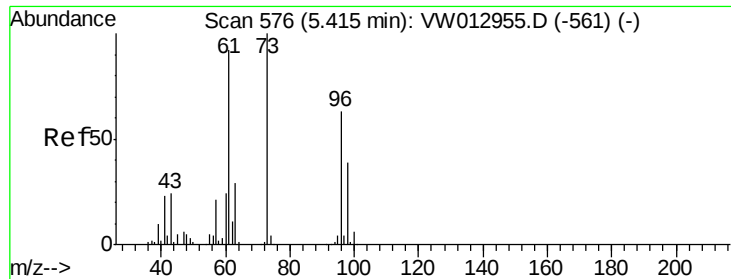
Tgt Ion: 43 Resp: 83720

Ion Ratio Lower Upper

43 100

74 23.1 17.8 26.8





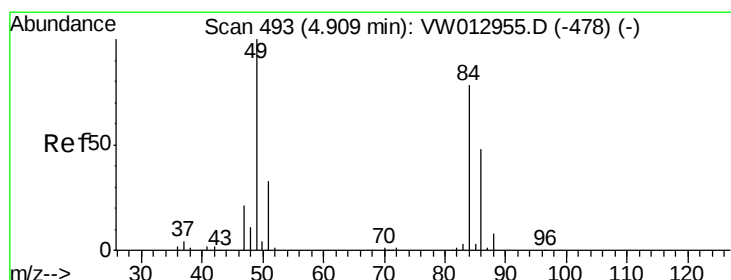
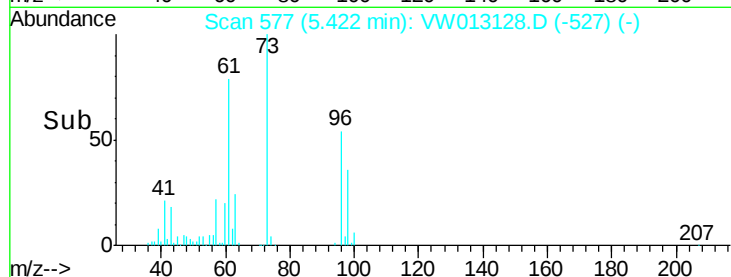
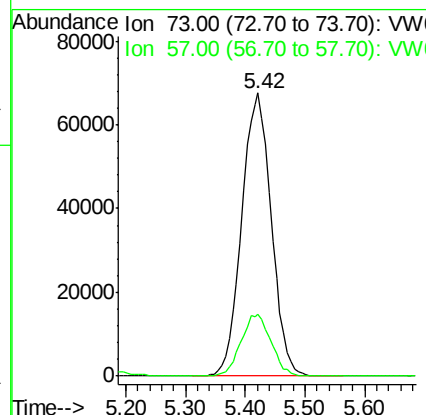
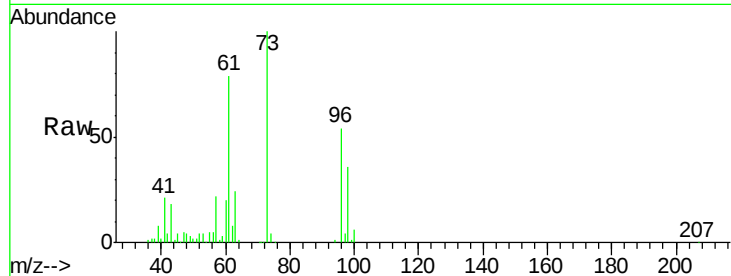
#19
Methvl tert-butvl Ether
Concen: 48.487 ug/l
RT: 5.42 min Scan# 577
Delta R.T. 0.01 min
Lab File: VW013128.D
Acq: 18 Sep 2019 21:37

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.9	16.4	24.6

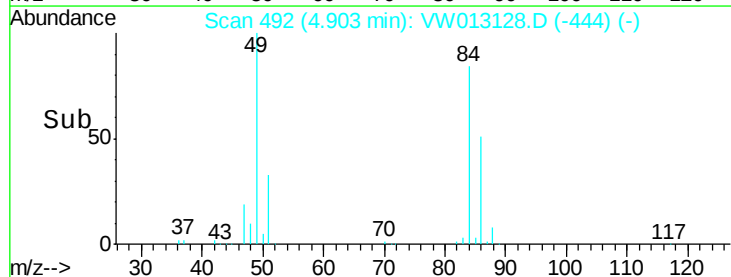
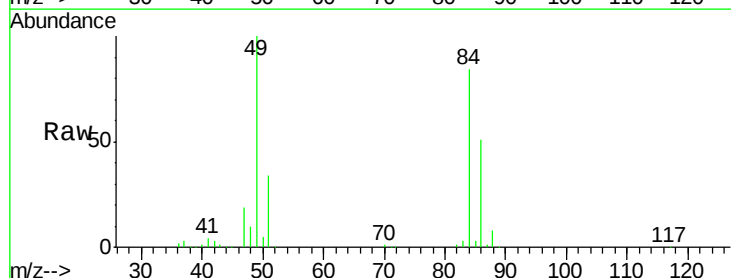
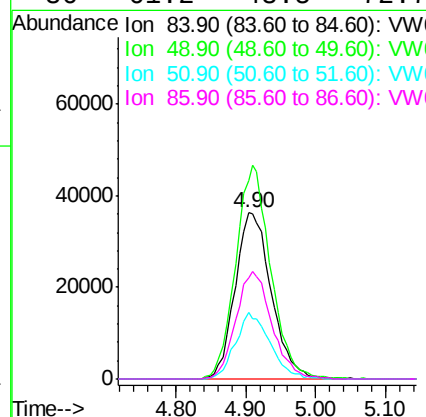
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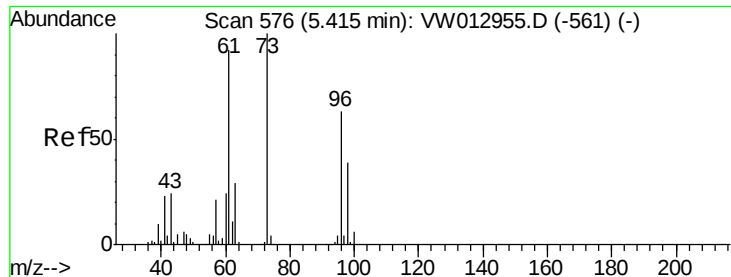
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#20
Methylene Chloride
Concen: 49.525 ug/l
RT: 4.90 min Scan# 492
Delta R.T. -0.01 min
Lab File: VW013128.D
Acq: 18 Sep 2019 21:37

Tgt Ion	Ratio	Lower	Upper
84	100		
49	119.4	102.0	153.0
51	40.0	34.0	51.0
86	61.2	48.5	72.7





#21

trans-1,2-Dichloroethene

Concen: 45.820 ug/l

RT: 5.42 min Scan# 576

Delta R.T. 0.00 min

Lab File: VW013128.D

Acq: 18 Sep 2019 21:37

Instrument :

MSVOA_W

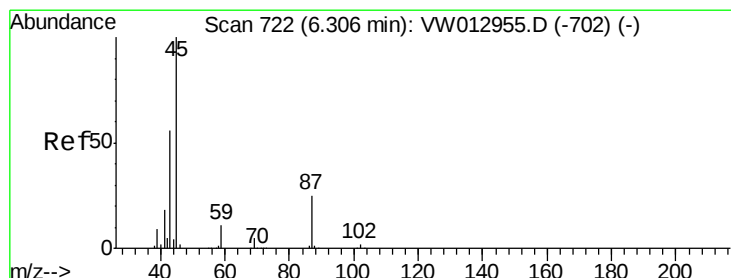
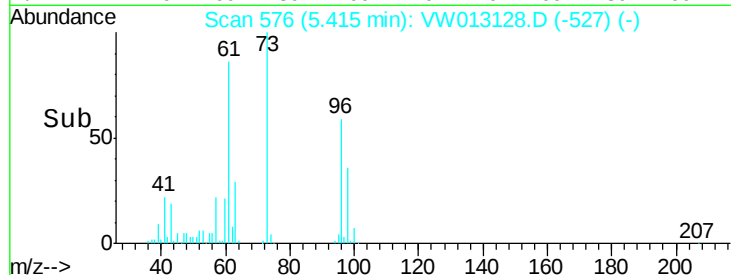
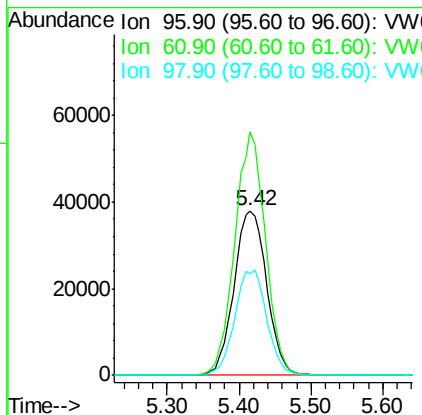
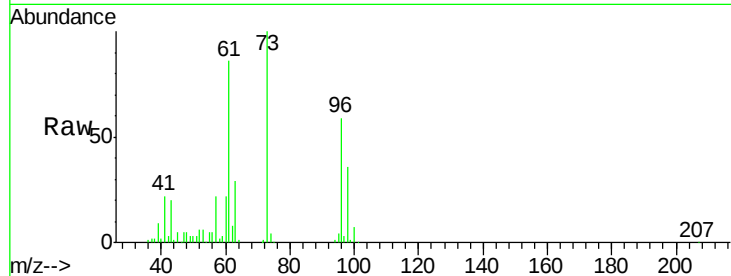
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	119561
Ion	Ratio	Lower	Upper
96	100		
61	147.8	116.2	174.2
98	61.9	49.8	74.6

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#22

Diisopropyl ether

Concen: 46.446 ug/l

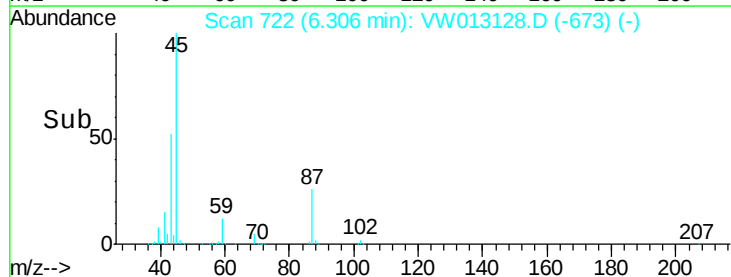
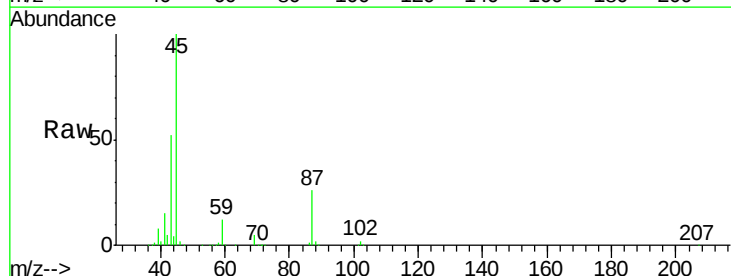
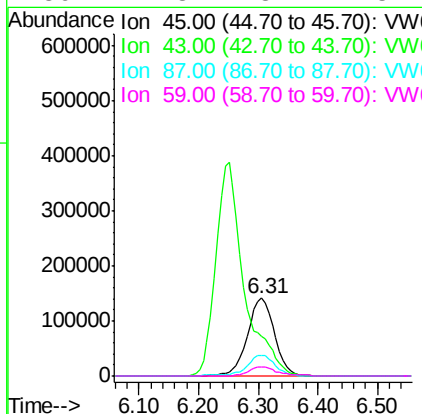
RT: 6.31 min Scan# 722

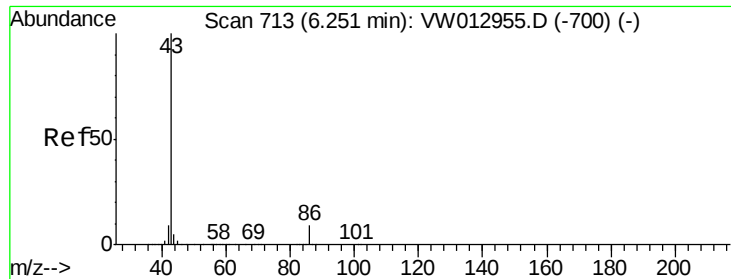
Delta R.T. 0.00 min

Lab File: VW013128.D

Acq: 18 Sep 2019 21:37

Tgt Ion:	45	Resp:	446274
Ion	Ratio	Lower	Upper
45	100		
43	51.6	44.6	67.0
87	26.3	20.0	30.0
59	11.8	8.7	13.1





#23

Vinyl Acetate

Concen: 221.643 ug/l

RT: 6.25 min Scan# 713

Delta R.T. -0.00 min

Lab File: VW013128.D

Acq: 18 Sep 2019 21:37

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 1275526

Ion Ratio Lower Upper

43 100

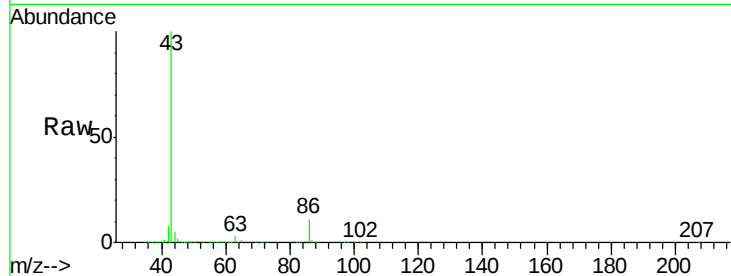
86 10.6 7.0 10.6#

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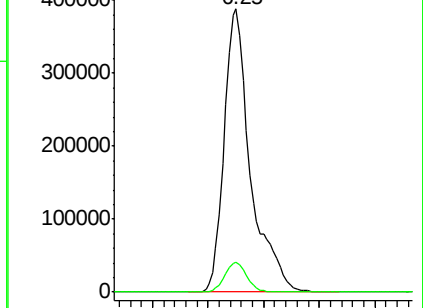
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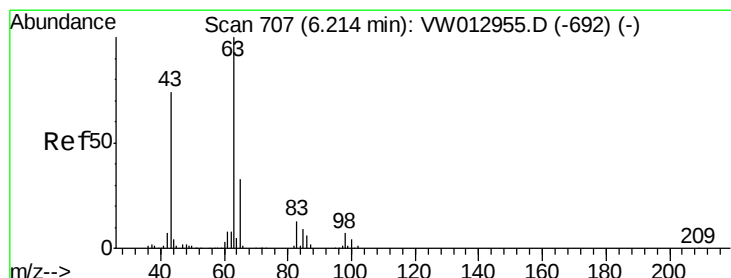
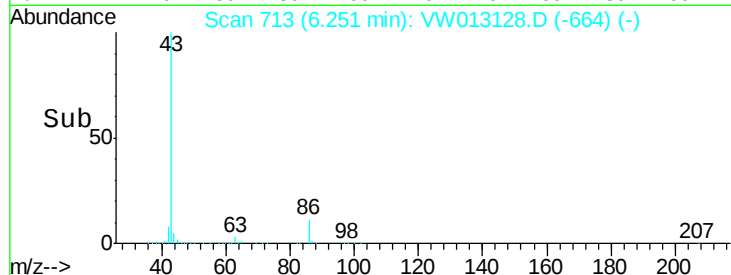


Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW



Time-->



#24

1,1-Dichloroethane

Concen: 44.641 ug/l

RT: 6.21 min Scan# 706

Delta R.T. -0.01 min

Lab File: VW013128.D

Acq: 18 Sep 2019 21:37

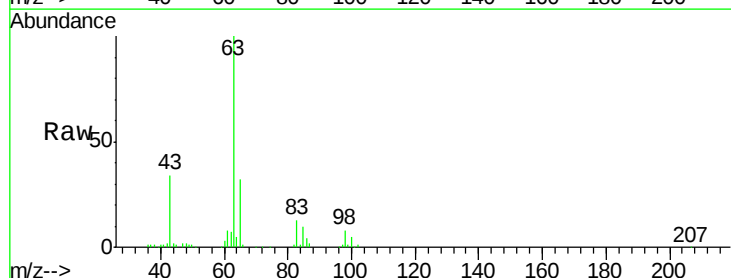
Tgt Ion: 63 Resp: 247307

Ion Ratio Lower Upper

63 100

98 7.7 3.3 9.9

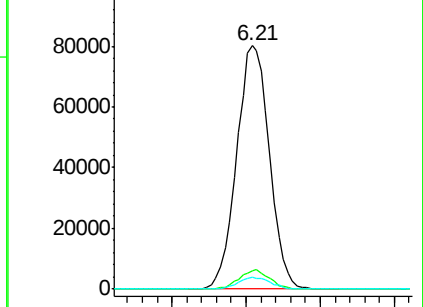
100 5.0 1.8 5.5



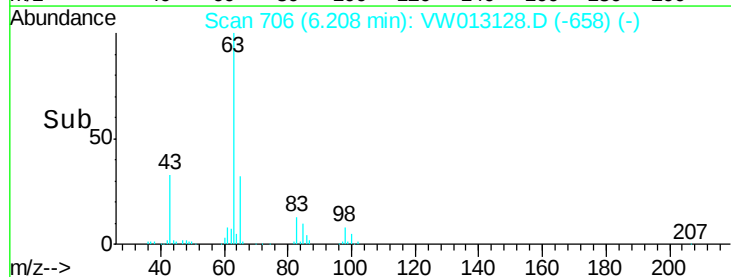
Abundance Ion 62.90 (62.60 to 63.60): VW

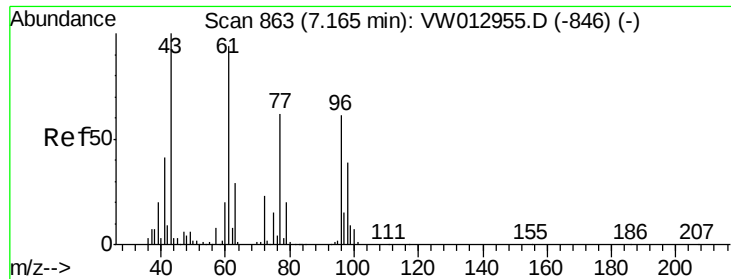
Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW



Time-->





#25

2-Butanone

Concen: 209.882 ug/l

RT: 7.17 min Scan# 863

Delta R.T. -0.00 min

Lab File: VW013128.D

Acq: 18 Sep 2019 21:37

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 217550

Ion Ratio Lower Upper

43 100

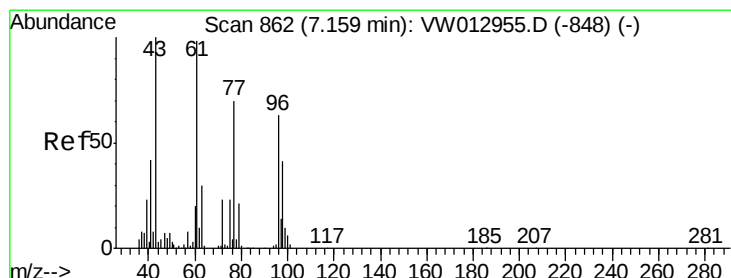
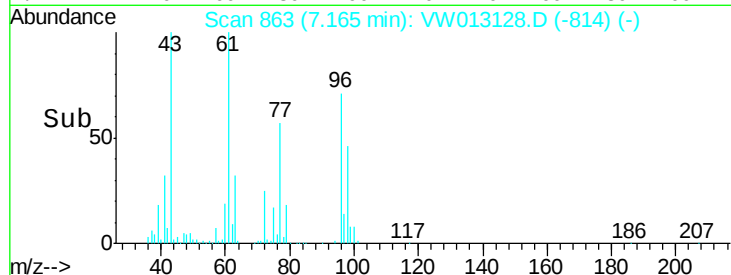
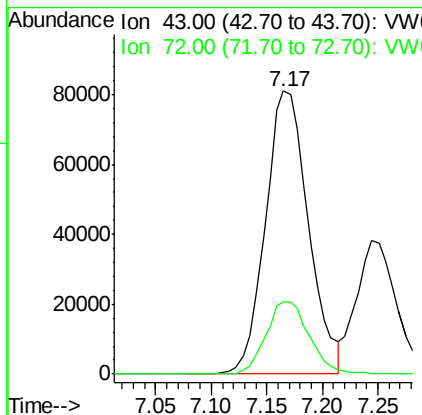
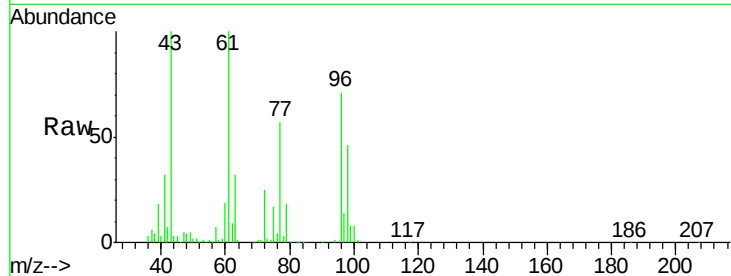
72 25.5 18.2 27.4

Manual Integrations

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9/19/2019 11:23:03 AM



#26

2,2-Dichloropropane

Concen: 38.450 ug/l

RT: 7.16 min Scan# 862

Delta R.T. 0.00 min

Lab File: VW013128.D

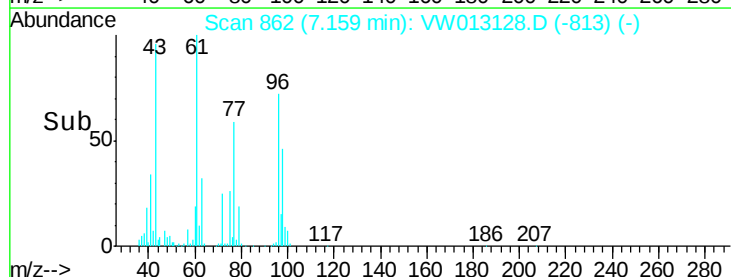
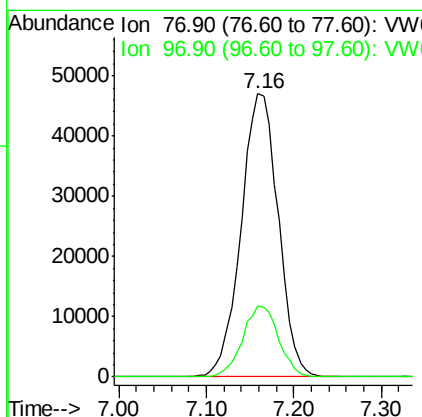
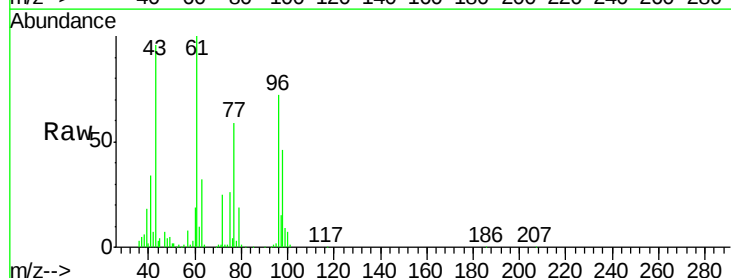
Acq: 18 Sep 2019 21:37

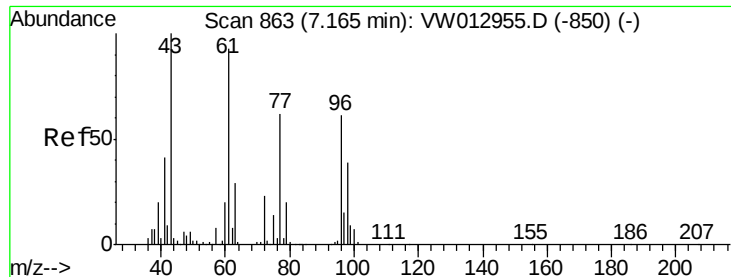
Tgt Ion: 77 Resp: 138704

Ion Ratio Lower Upper

77 100

97 24.2 10.7 32.1





#27

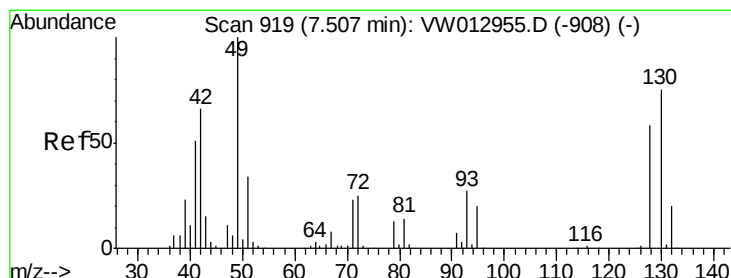
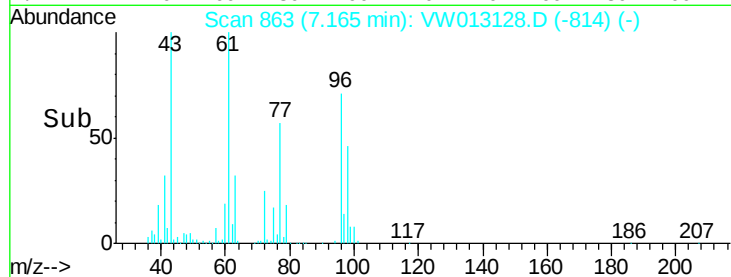
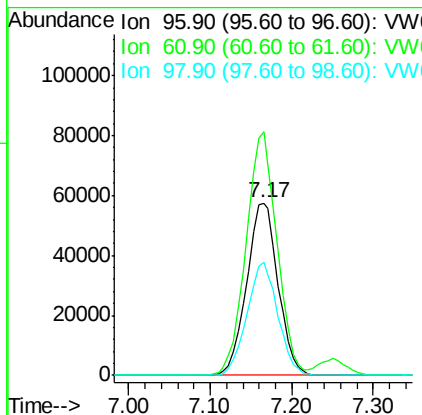
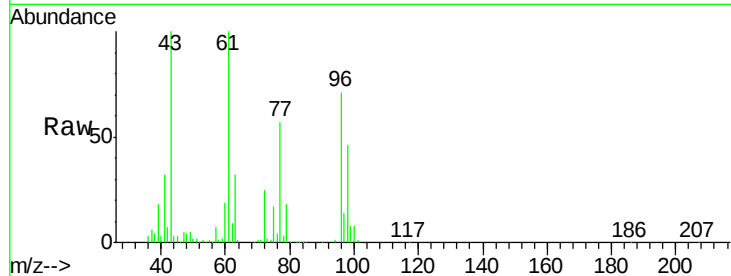
cis-1,2-Dichloroethene
Concen: 49.344 ug/l
RT: 7.17 min Scan# 863
Delta R.T. -0.00 min
Lab File: VW013128.D
Acq: 18 Sep 2019 21:37

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
96	100		
61	139.0	0.0	315.4
98	64.3	0.0	131.0

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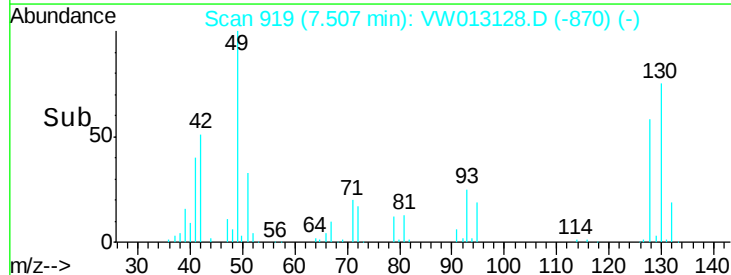
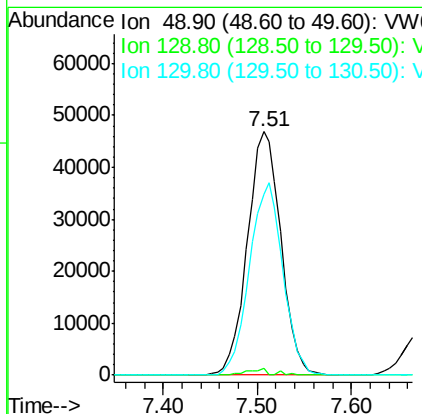
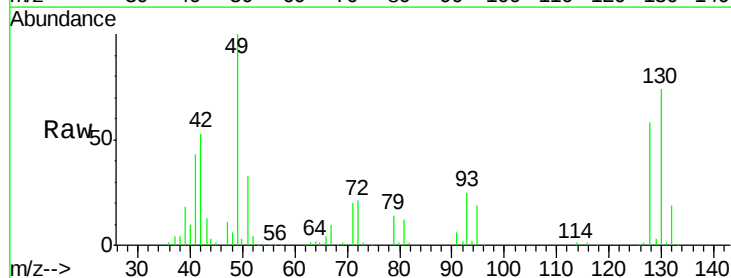
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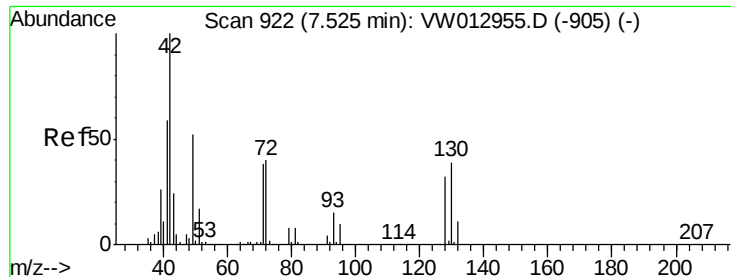


#28

Bromochloromethane
Concen: 50.275 ug/l
RT: 7.51 min Scan# 919
Delta R.T. -0.00 min
Lab File: VW013128.D
Acq: 18 Sep 2019 21:37

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.3	0.0	1.4
130	78.8	57.8	86.6





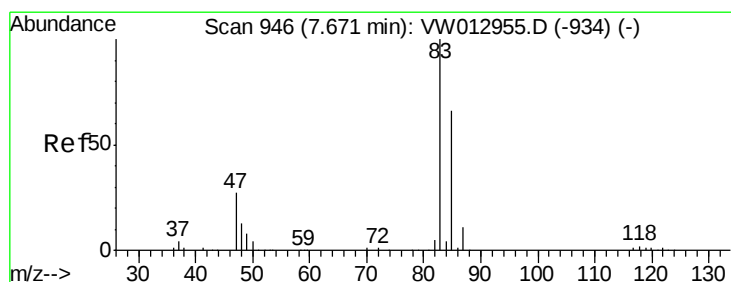
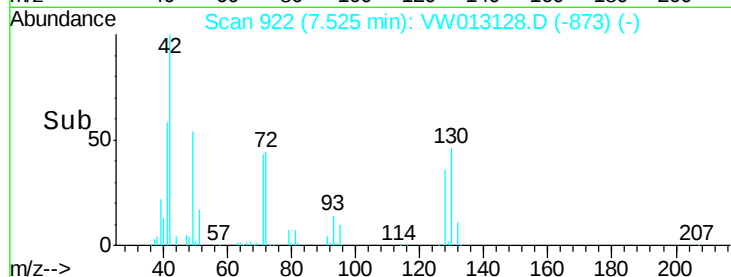
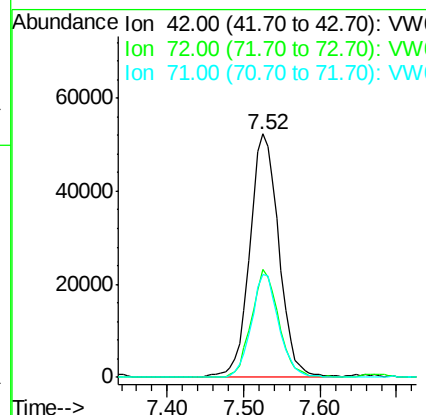
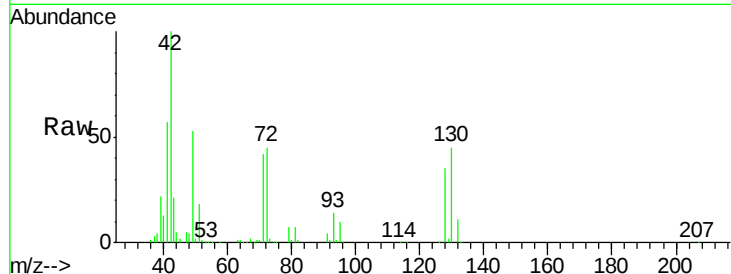
#29
Tetrahydrofuran
Concen: 234.736 ug/l
RT: 7.52 min Scan# 922
Delta R.T. -0.00 min
Lab File: VW013128.D
Acq: 18 Sep 2019 21:37

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	41.9	31.4	47.0
71	40.0	29.8	44.8

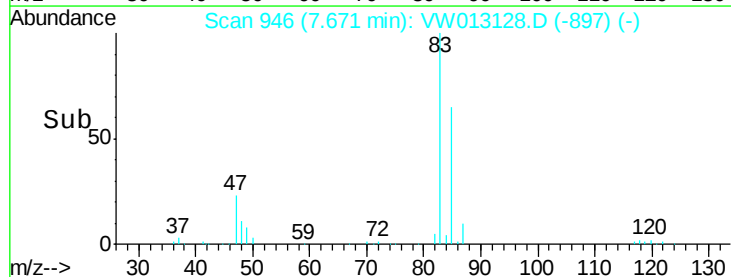
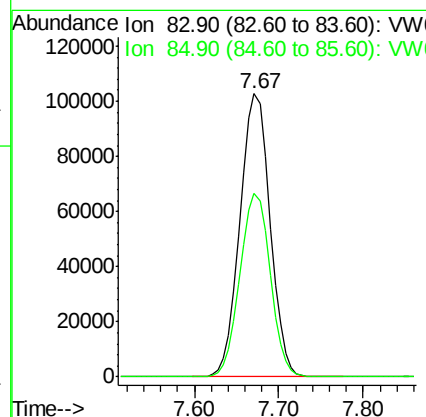
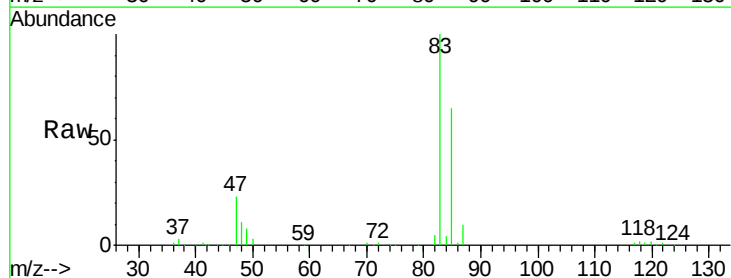
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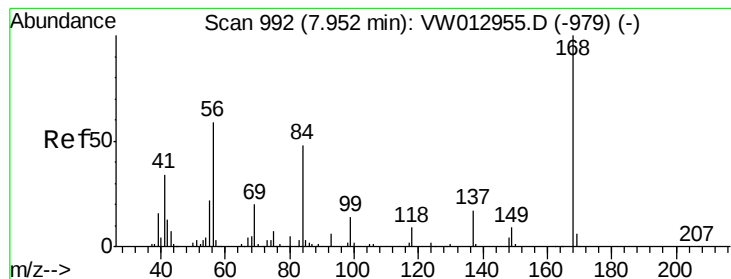
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9/19/2019 11:23:03 AM



#30
Chloroform
Concen: 44.018 ug/l
RT: 7.67 min Scan# 946
Delta R.T. -0.00 min
Lab File: VW013128.D
Acq: 18 Sep 2019 21:37

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.6	52.8	79.2





#31

Cyclohexane

Concen: 43.773 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW013128.D

Acq: 18 Sep 2019 21:37

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 184236

Ion Ratio Lower Upper

56 100

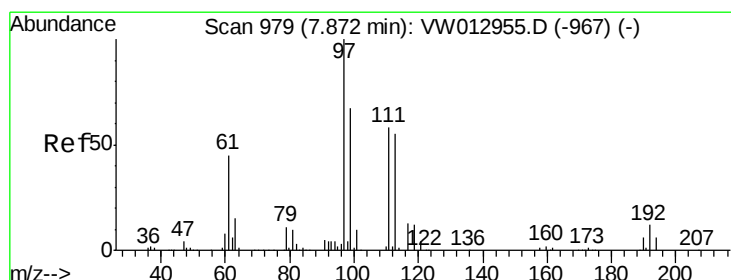
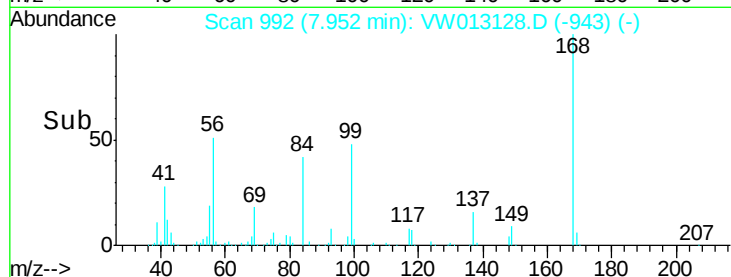
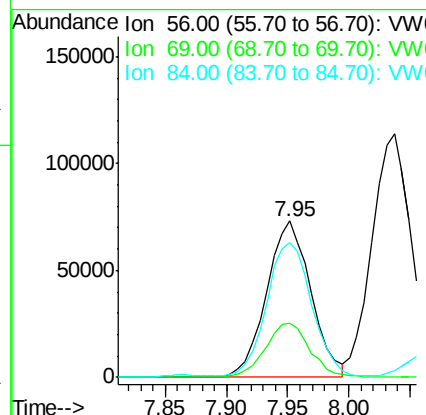
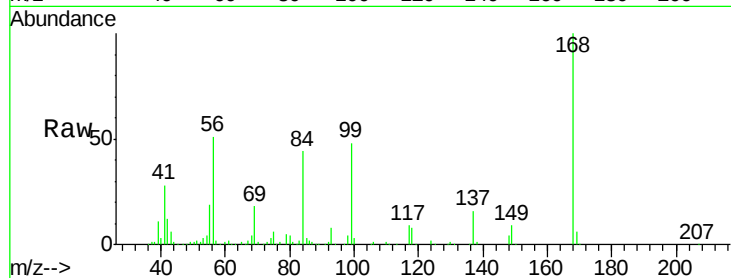
69 34.9 27.0 40.6

84 85.0 66.2 99.2

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9/19/2019 11:23:03 AM



#32

1,1,1-Trichloroethane

Concen: 40.564 ug/l

RT: 7.87 min Scan# 978

Delta R.T. -0.01 min

Lab File: VW013128.D

Acq: 18 Sep 2019 21:37

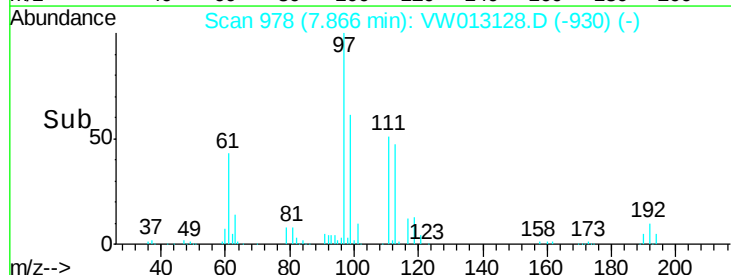
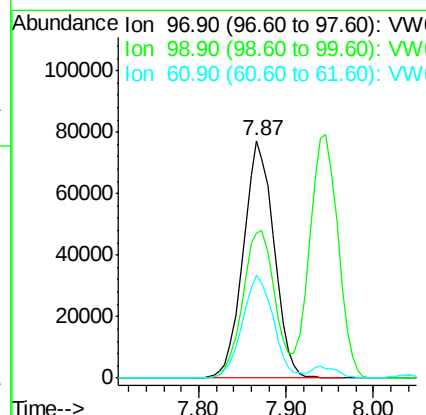
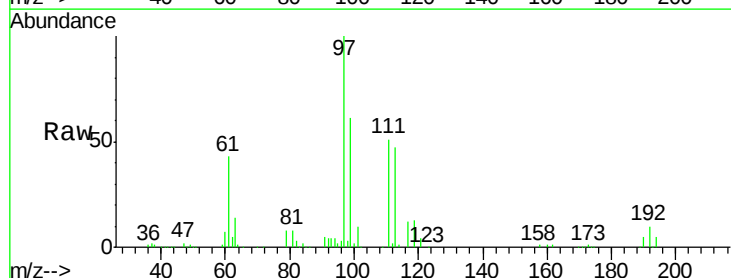
Tgt Ion: 97 Resp: 188038

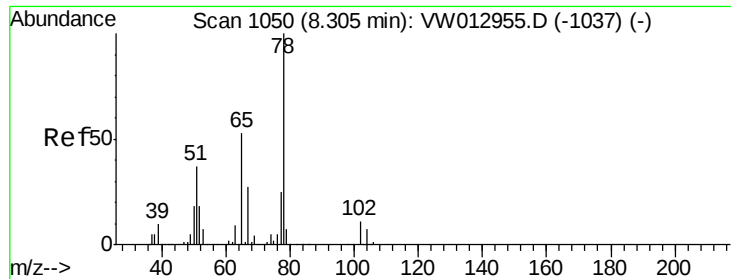
Ion Ratio Lower Upper

97 100

99 64.3 53.0 79.4

61 43.8 36.5 54.7





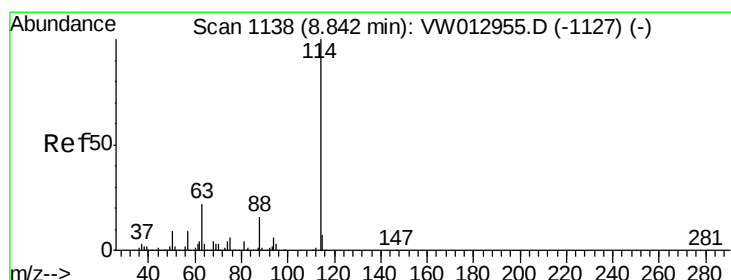
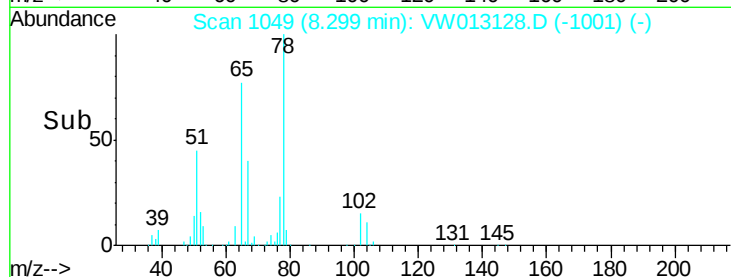
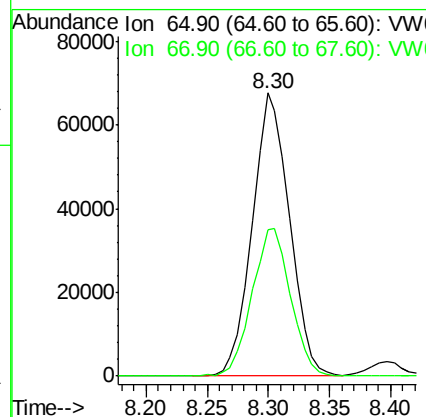
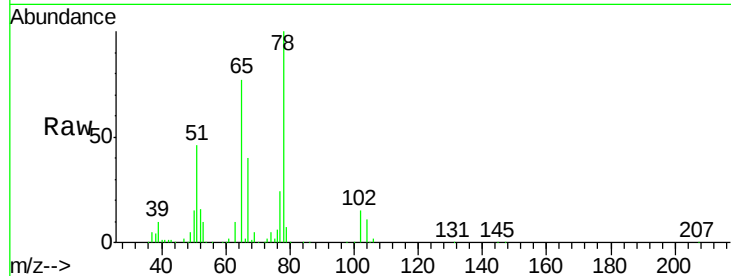
#33
 1,2-Dichloroethane-d4
 Concen: 44.025 ug/l
 RT: 8.30 min Scan# 1049
 Delta R.T. -0.01 min
 Lab File: VW013128.D
 Acq: 18 Sep 2019 21:37

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
65	100	143513		
67	53.9	0.0	101.2	

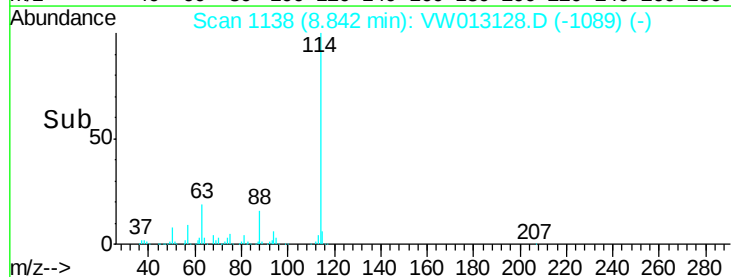
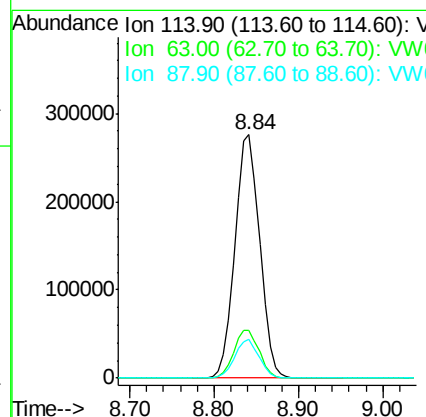
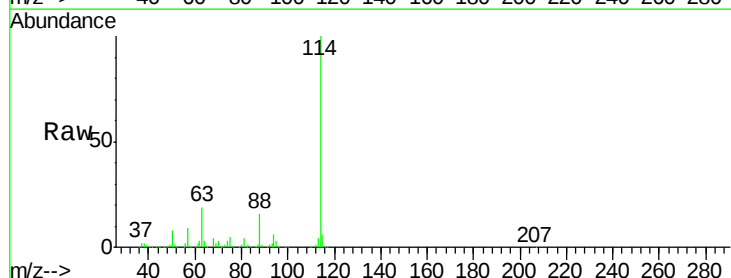
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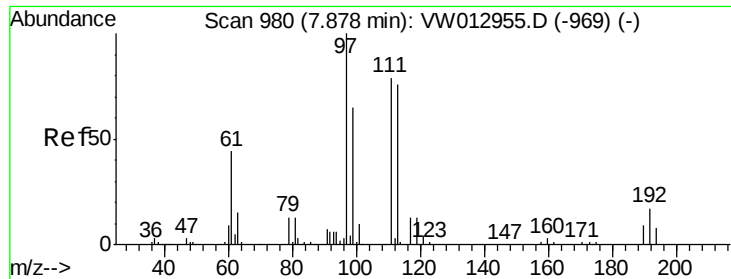
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 9/19/2019 11:23:03 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW013128.D
 Acq: 18 Sep 2019 21:37

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	548664		
63	19.5	0.0	43.4	
88	16.2	0.0	31.6	





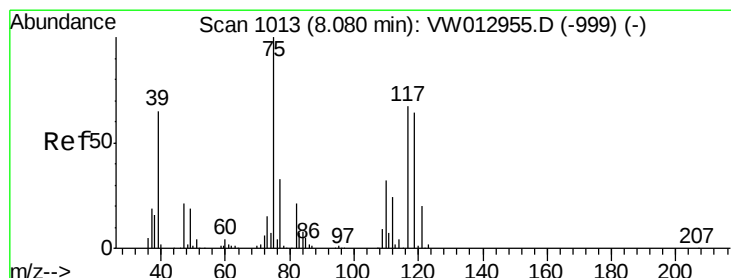
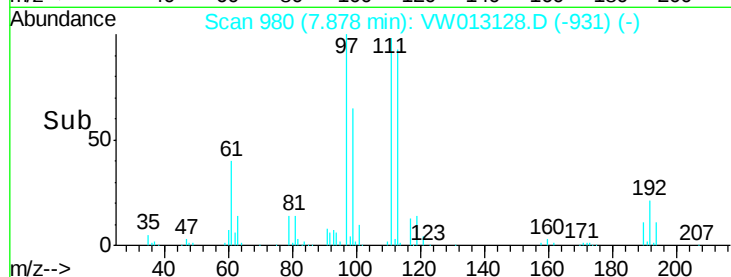
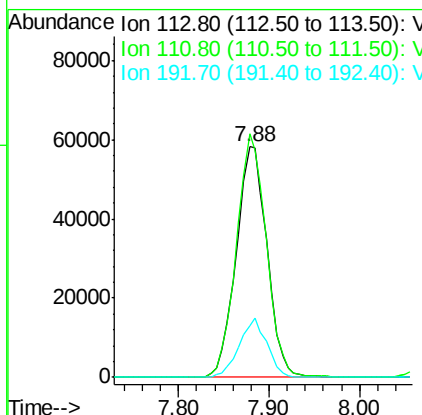
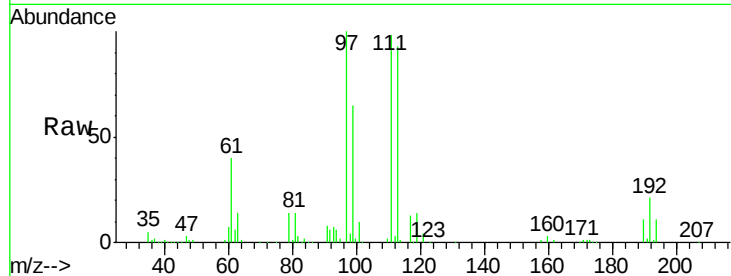
#35
 Dibromofluoromethane
 Concen: 46.087 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. -0.00 min
 Lab File: VW013128.D
 Acq: 18 Sep 2019 21:37

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
113	100	137207		
111	102.4	82.8	124.2	
192	23.2	17.8	26.8	

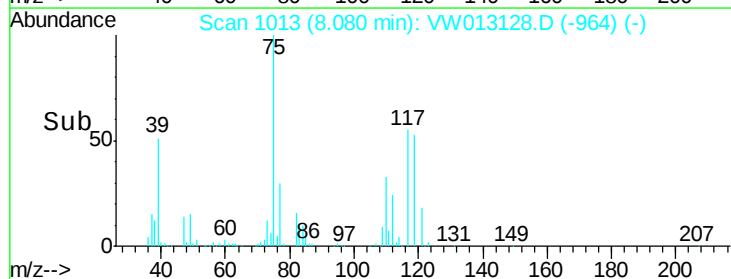
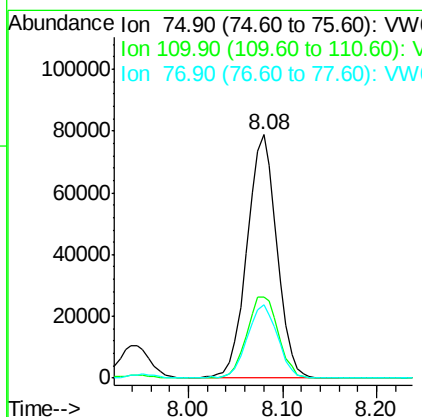
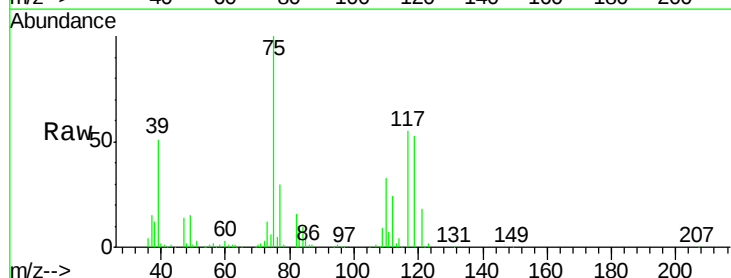
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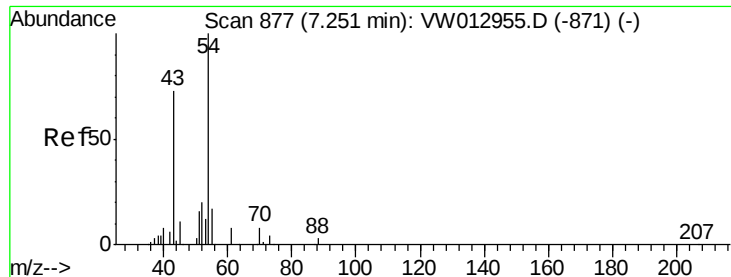
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 9/19/2019 11:23:03 AM



#36
 1,1-Dichloropropene
 Concen: 39.880 ug/l
 RT: 8.08 min Scan# 1013
 Delta R.T. -0.00 min
 Lab File: VW013128.D
 Acq: 18 Sep 2019 21:37

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	174844		
110	35.5	16.4	49.1	
77	30.8	25.1	37.7	





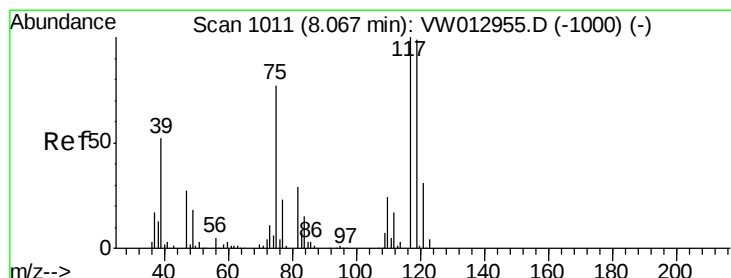
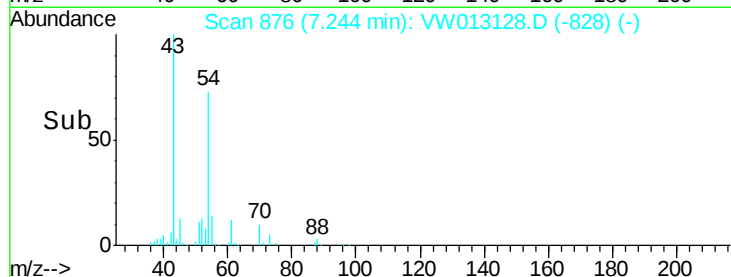
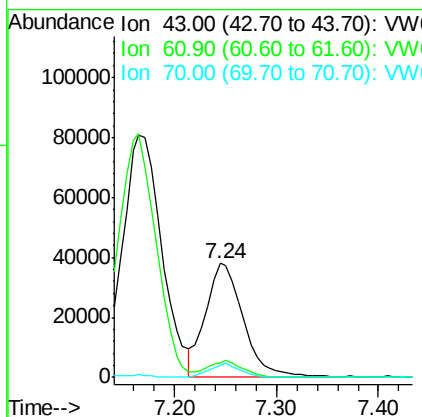
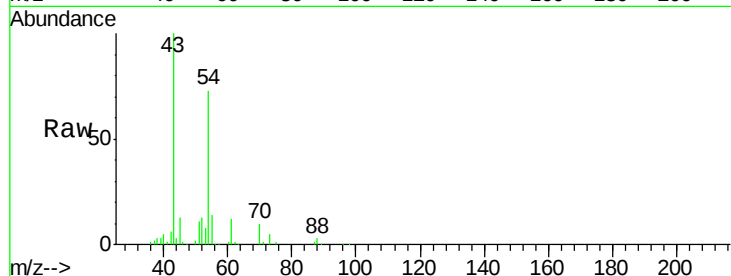
#37
Ethyl Acetate
Concen: 41.626 ug/l
RT: 7.24 min Scan# 876
Delta R.T. -0.01 min
Lab File: VW013128.D
Acq: 18 Sep 2019 21:37

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.7	9.6	14.4
70	10.4	7.6	11.4

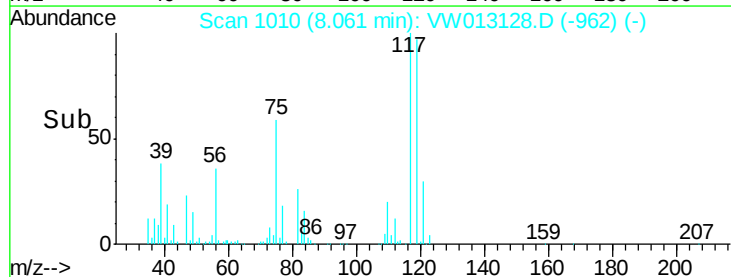
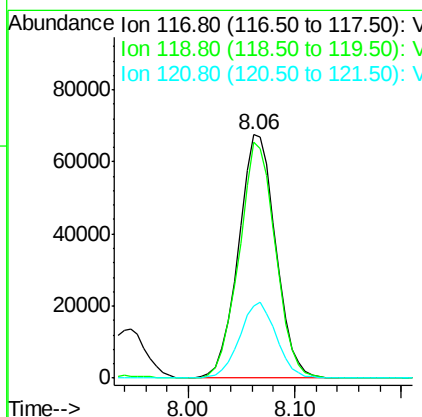
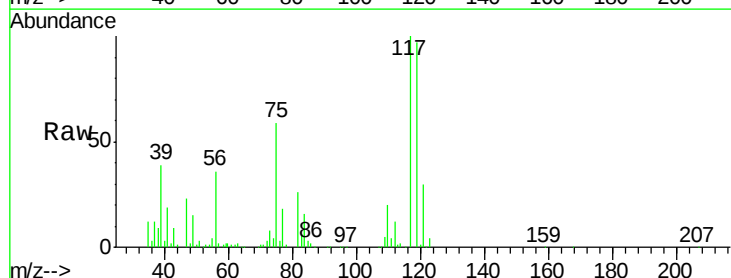
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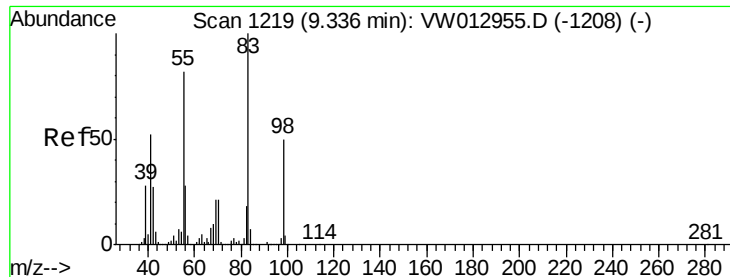
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#38
Carbon Tetrachloride
Concen: 36.934 ug/l
RT: 8.06 min Scan# 1010
Delta R.T. -0.01 min
Lab File: VW013128.D
Acq: 18 Sep 2019 21:37

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.6	79.4	119.0
121	29.5	24.6	36.8





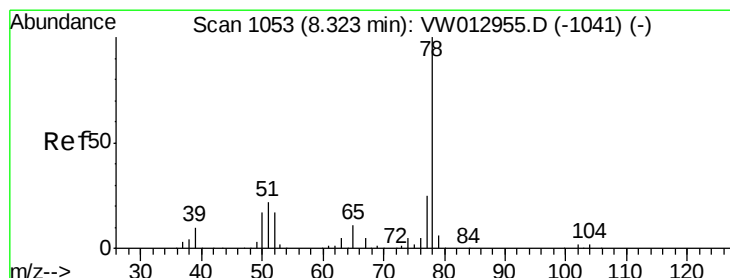
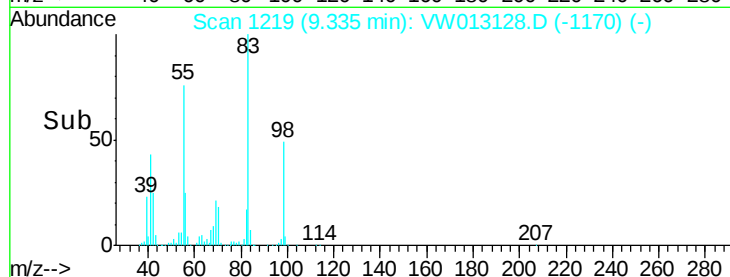
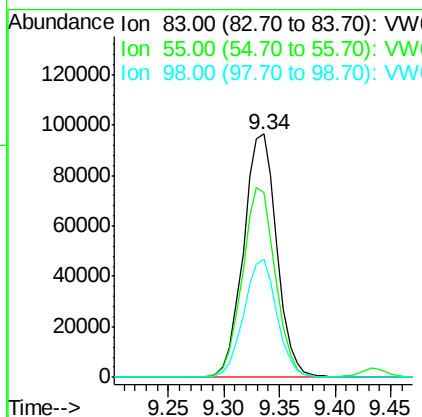
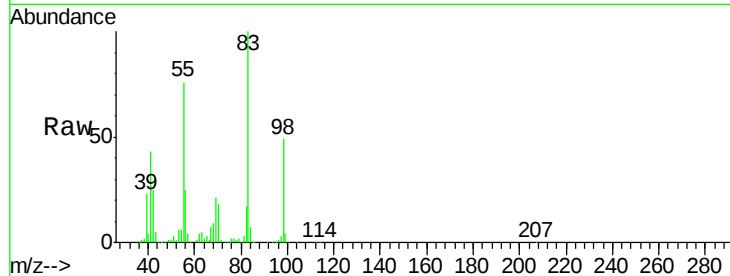
#39
Methvlcvclohexane
Concen: 41.711 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW013128.D
Acq: 18 Sep 2019 21:37

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
55	75.7	65.9	98.9
98	48.6	39.6	59.4

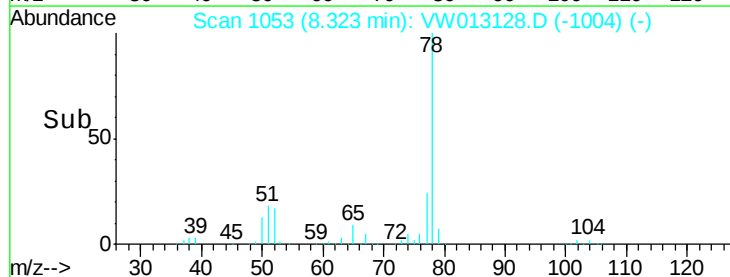
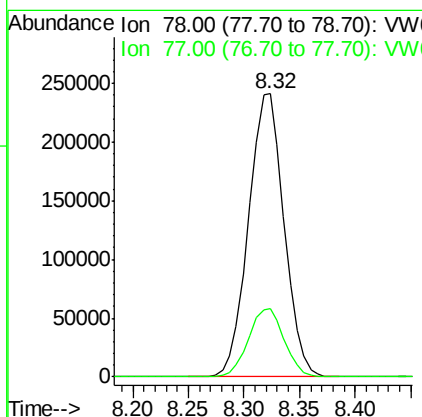
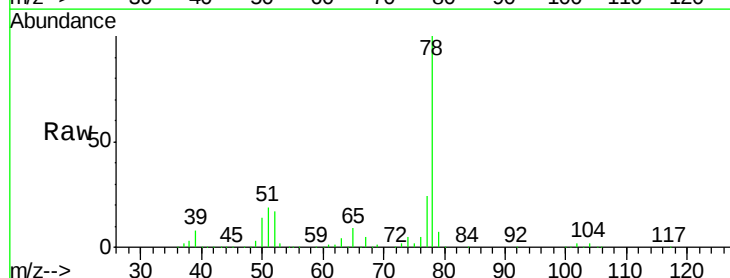
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#40
Benzene
Concen: 43.862 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.00 min
Lab File: VW013128.D
Acq: 18 Sep 2019 21:37

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.2	19.6	29.4





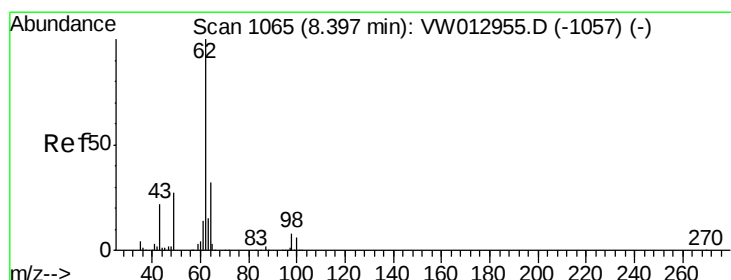
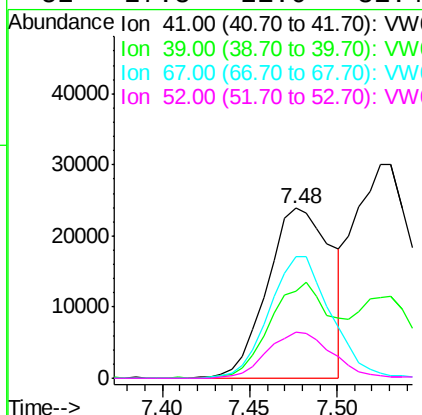
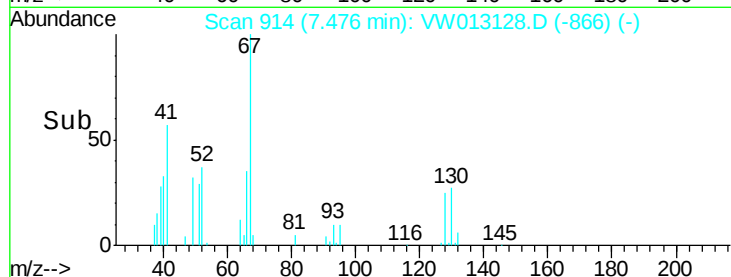
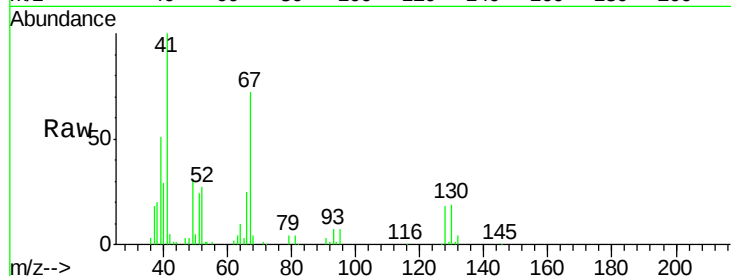
#41
Methacrylonitrile
Concen: 40.046 ug/l
RT: 7.48 min Scan# 914
Delta R.T. -0.01 min
Lab File: VW013128.D
Acq: 18 Sep 2019 21:37

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	41	Resp	61371
Ion	Ratio	Lower	Upper
41	100		
39	57.0	48.2	72.4
67	69.1	47.5	71.3
52	27.8	21.0	31.4

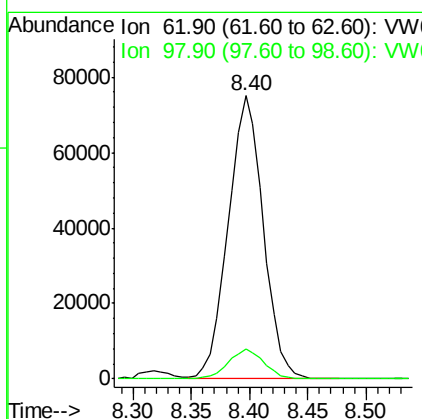
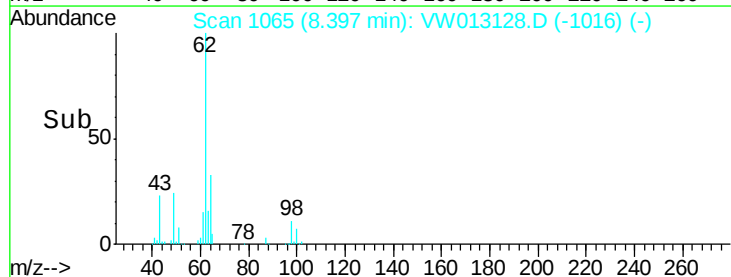
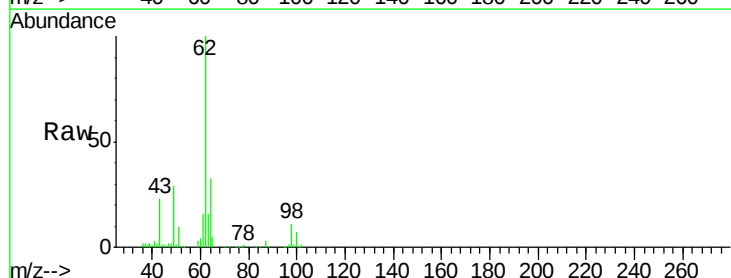
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#42
1,2-Dichloroethane
Concen: 38.146 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. -0.00 min
Lab File: VW013128.D
Acq: 18 Sep 2019 21:37

Tgt Ion	62	Resp	156512
Ion	Ratio	Lower	Upper
62	100		
98	10.6	0.0	16.8





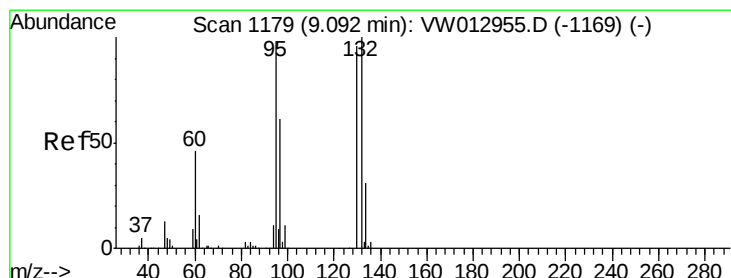
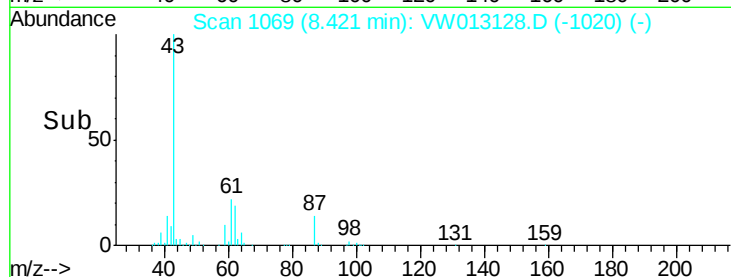
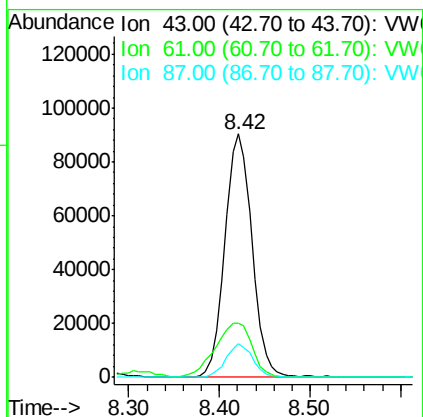
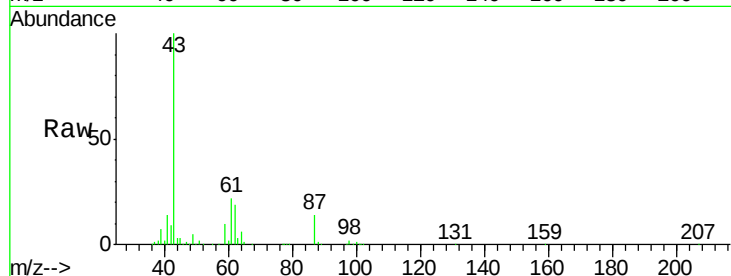
#43
Isopropyl Acetate
Concen: 41.902 ug/l
RT: 8.42 min Scan# 1069
Delta R.T. -0.00 min
Lab File: VW013128.D
Acq: 18 Sep 2019 21:37

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	30.6	22.7	34.1
87	13.5	9.4	14.2

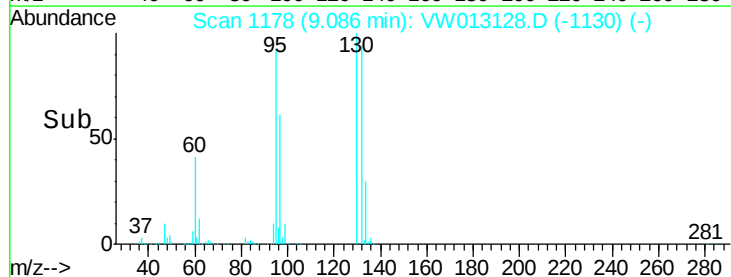
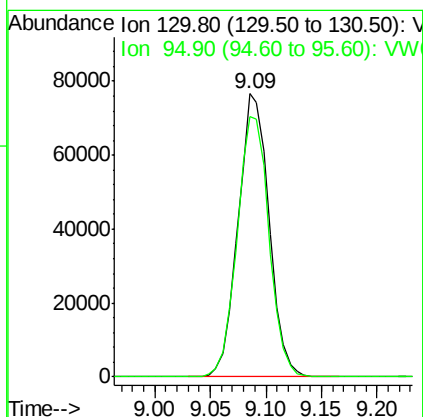
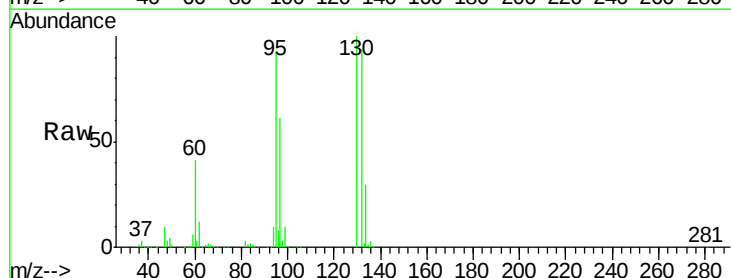
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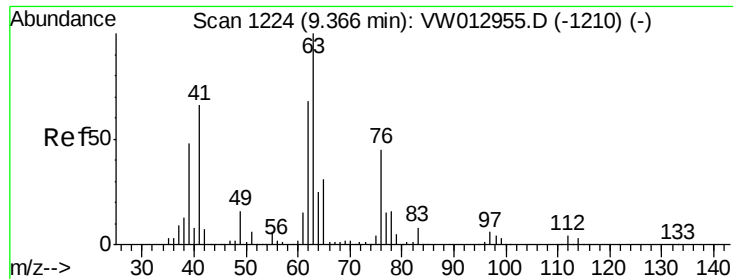
MMDadoda
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#44
Trichloroethene
Concen: 44.083 ug/l
RT: 9.09 min Scan# 1178
Delta R.T. -0.01 min
Lab File: VW013128.D
Acq: 18 Sep 2019 21:37

Tgt Ion	Ratio	Lower	Upper
130	100		
95	92.0	0.0	204.4





#45

1,2-Dichloropropane

Concen: 45.045 ug/l

RT: 9.37 min Scan# 1224

Delta R.T. -0.00 min

Lab File: VW013128.D

Acq: 18 Sep 2019 21:37

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 63 Resp: 146479

Ion Ratio Lower Upper

63 100

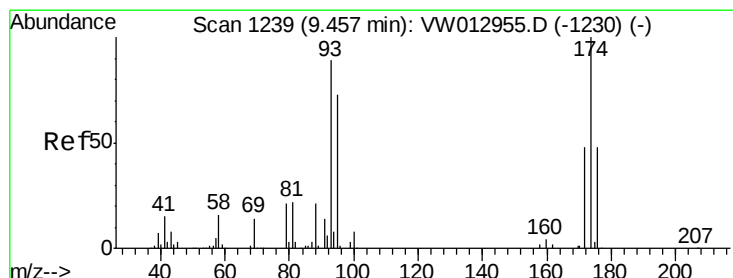
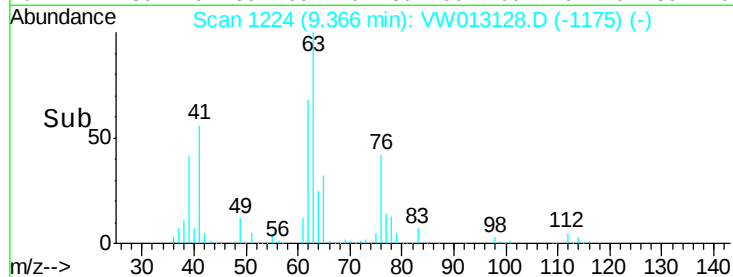
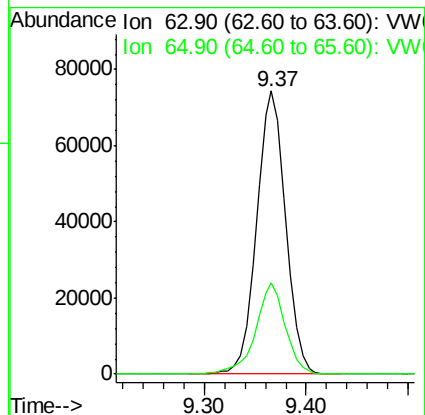
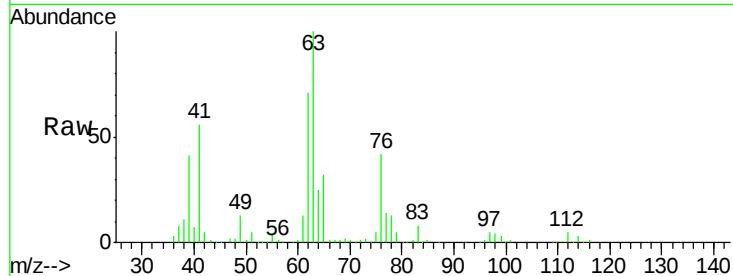
65 32.1 24.6 37.0

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9/19/2019 11:23:03 AM



#46

Dibromomethane

Concen: 44.386 ug/l

RT: 9.46 min Scan# 1239

Delta R.T. -0.00 min

Lab File: VW013128.D

Acq: 18 Sep 2019 21:37

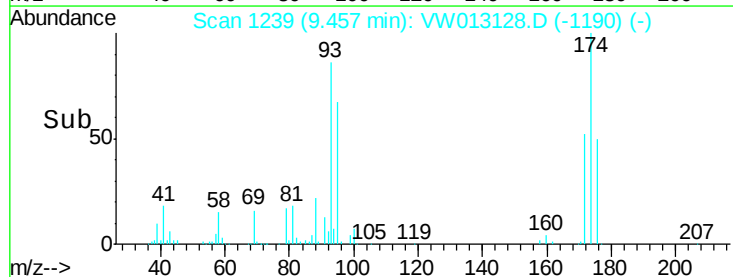
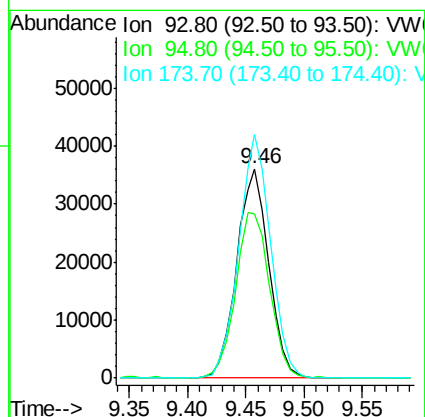
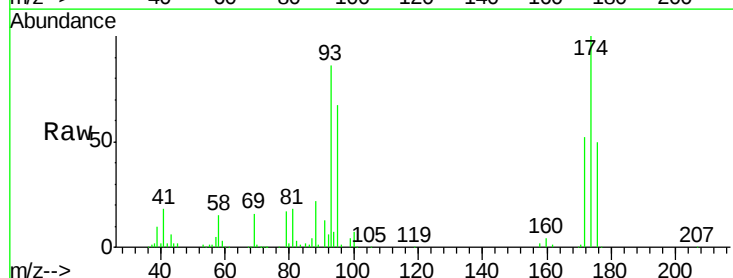
Tgt Ion: 93 Resp: 69151

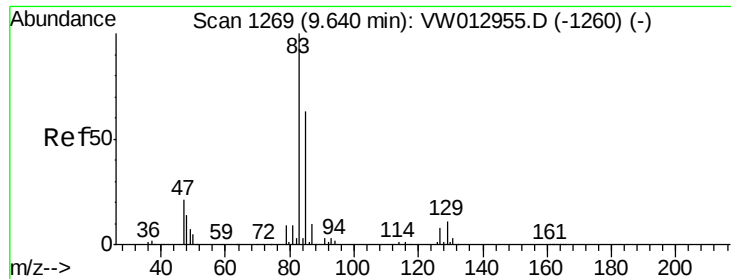
Ion Ratio Lower Upper

93 100

95 84.2 67.0 100.4

174 116.1 90.5 135.7





#47

Bromodichloromethane

Concen: 40.731 ug/l

RT: 9.64 min Scan# 1269

Delta R.T. 0.00 min

Lab File: VW013128.D

Acq: 18 Sep 2019 21:37

Instrument :

MSVOA_W

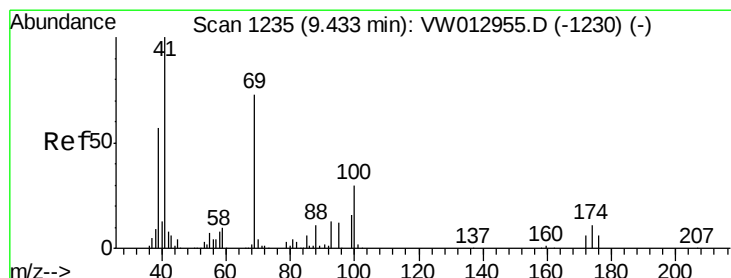
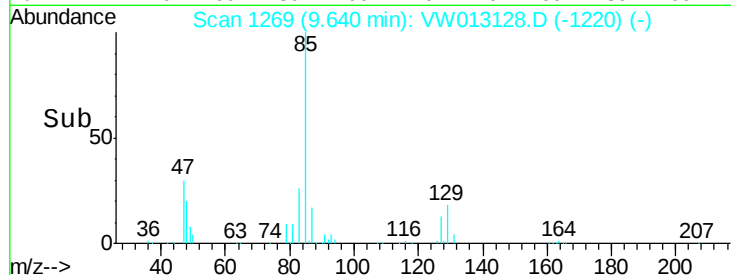
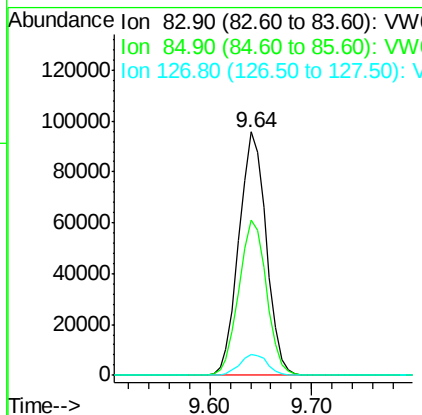
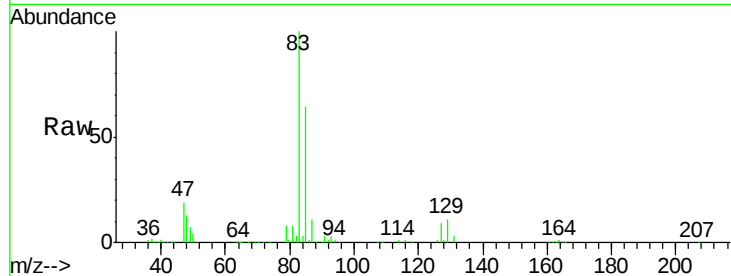
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	177998
Ion	Ratio	Lower	Upper
83	100		
85	63.5	50.6	75.8
127	8.5	6.7	10.1

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#48

Methyl methacrylate

Concen: 41.527 ug/l

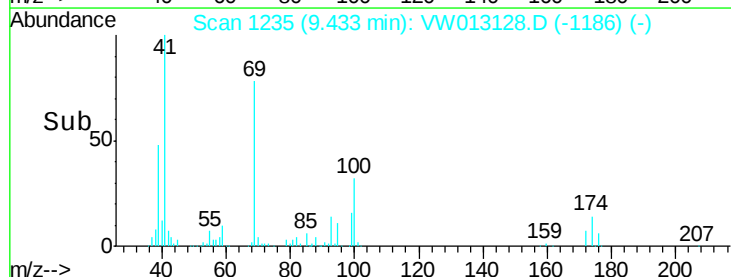
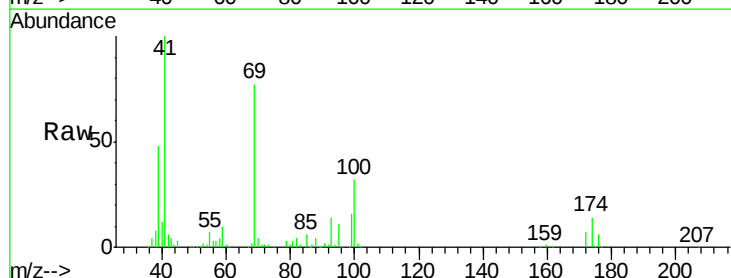
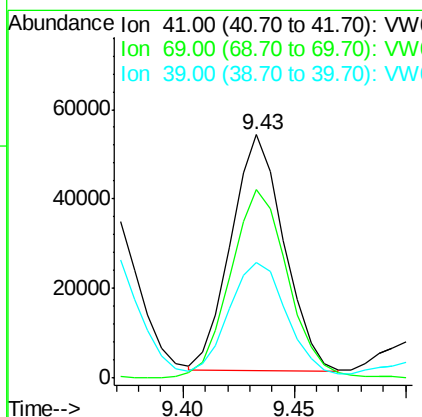
RT: 9.43 min Scan# 1235

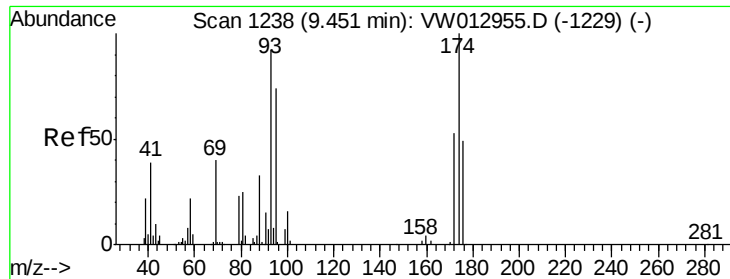
Delta R.T. -0.00 min

Lab File: VW013128.D

Acq: 18 Sep 2019 21:37

Tgt Ion:	41	Resp:	87082
Ion	Ratio	Lower	Upper
41	100		
69	86.3	62.8	94.2
39	54.7	48.5	72.7





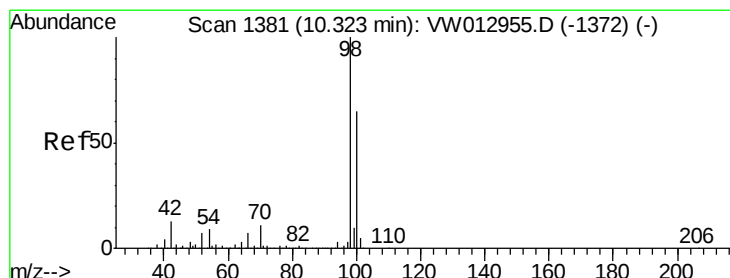
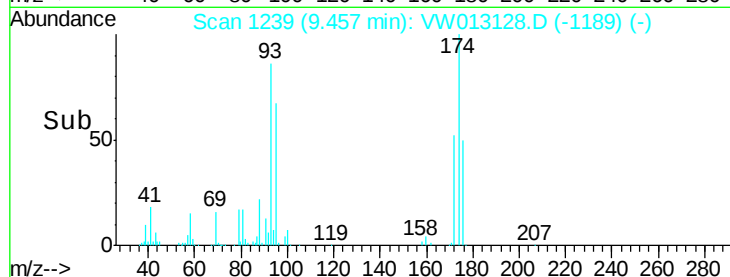
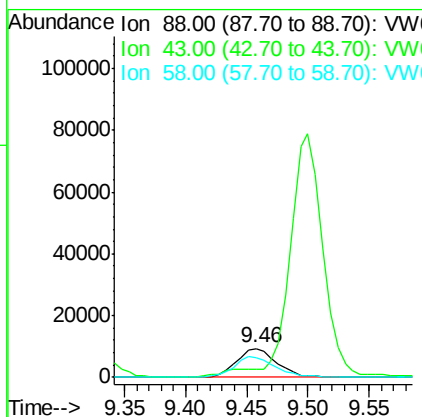
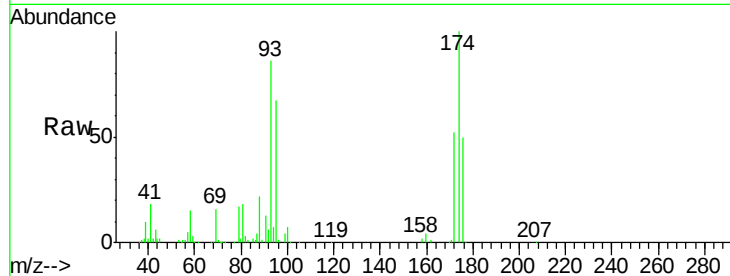
#49
1,4-Dioxane
Concen: 806.802 ug/l
RT: 9.46 min Scan# 1239
Delta R.T. 0.01 min
Lab File: VW013128.D
Acq: 18 Sep 2019 21:37

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	88	Resp	21062
Ion	Ratio	Lower	Upper
88	100		
43	24.1	31.3	46.9#
58	74.5	60.2	90.2

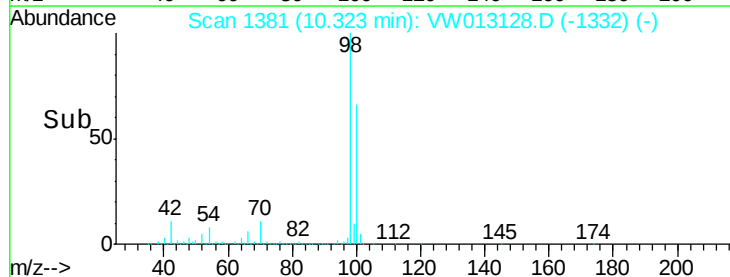
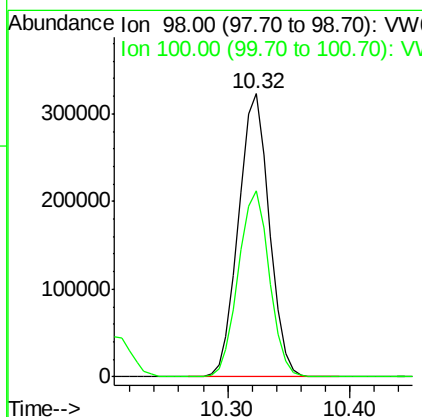
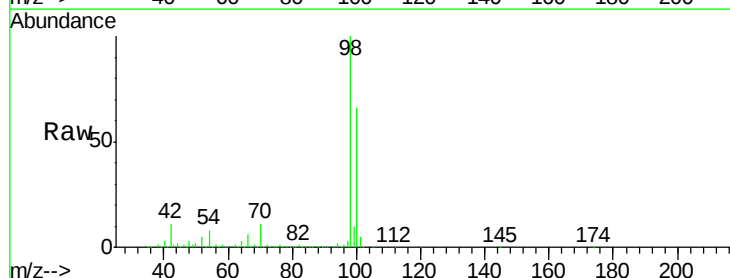
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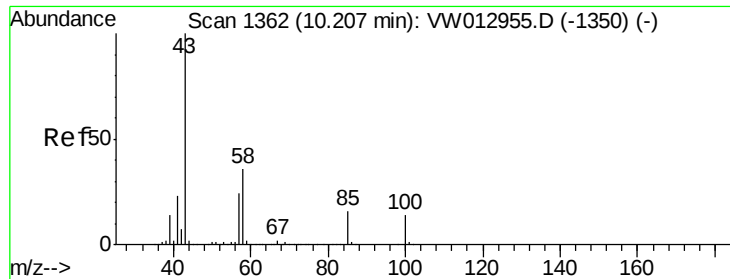
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#50
Toluene-d8
Concen: 48.360 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW013128.D
Acq: 18 Sep 2019 21:37

Tgt Ion	98	Resp	563388
Ion	Ratio	Lower	Upper
98	100		
100	66.2	52.1	78.1





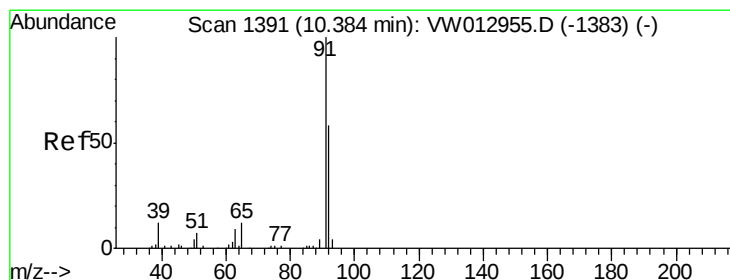
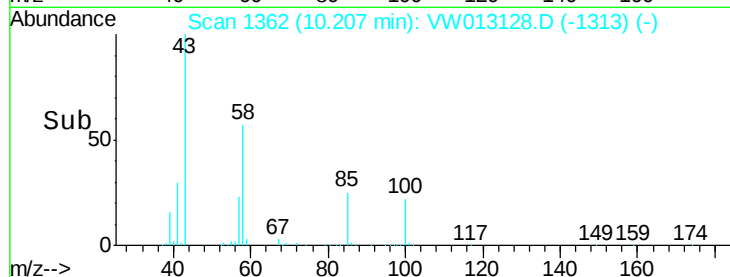
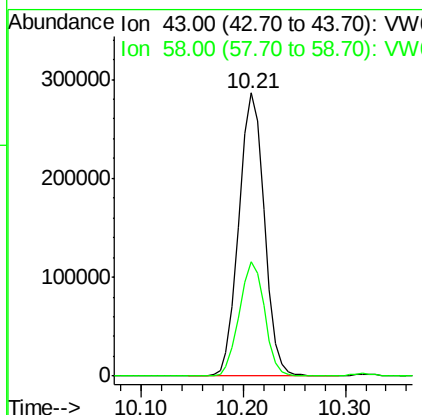
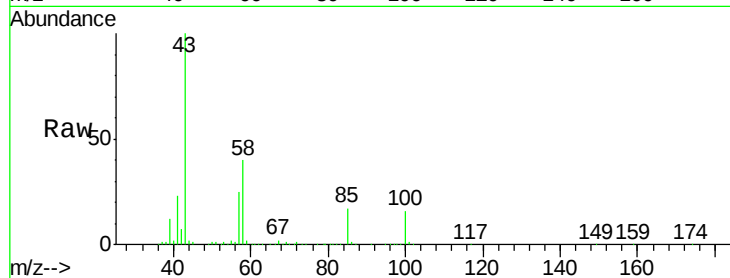
#51
4-Methyl-2-Pentanone
Concen: 214.445 ug/l
RT: 10.21 min Scan# 1362
Delta R.T. -0.00 min
Lab File: VW013128.D
Acq: 18 Sep 2019 21:37

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
58	40.4	29.5	44.3

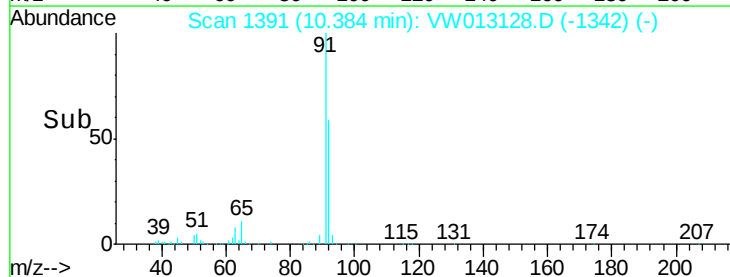
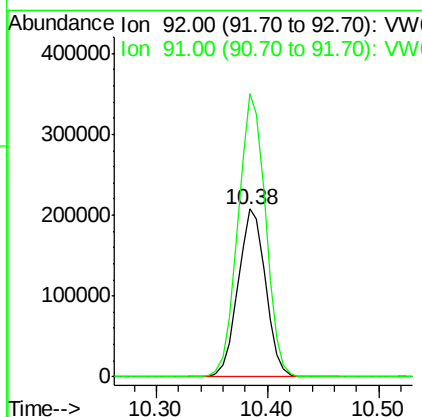
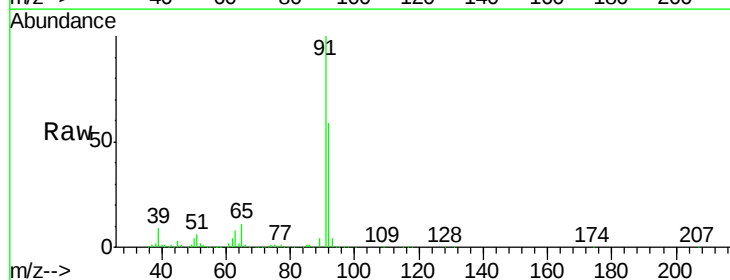
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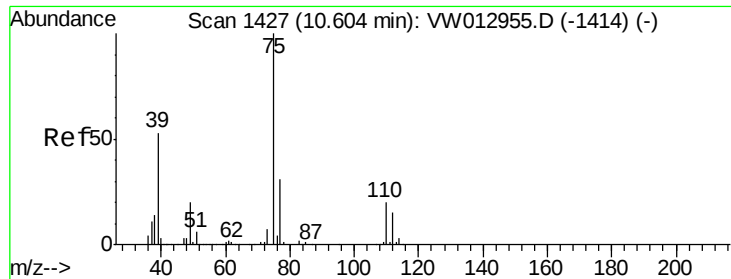
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9/19/2019 11:23:03 AM



#52
Toluene
Concen: 45.549 ug/l
RT: 10.38 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VW013128.D
Acq: 18 Sep 2019 21:37

Tgt Ion	Ratio	Lower	Upper
92	100		
91	169.1	137.5	206.3





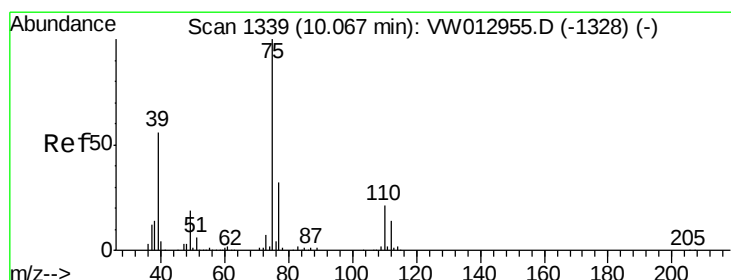
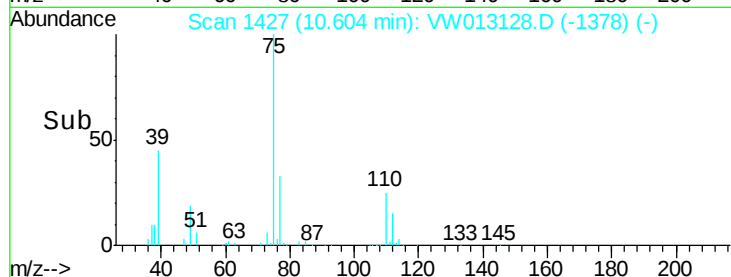
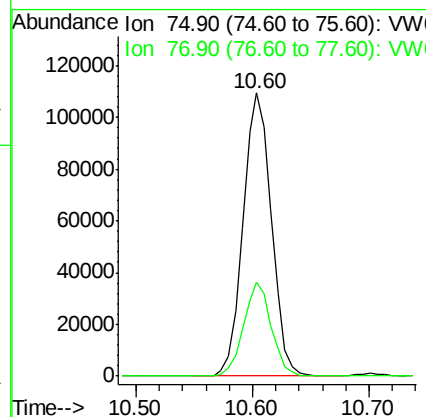
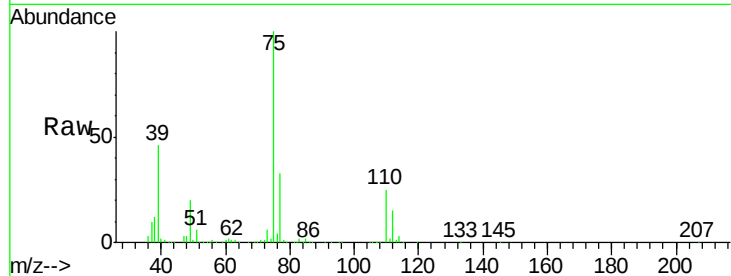
#53
t-1,3-Dichloropropene
Concen: 42.092 ug/l
RT: 10.60 min Scan# 1427
Delta R.T. -0.00 min
Lab File: VW013128.D
Acq: 18 Sep 2019 21:37

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion: 75 Resp: 184997
Ion Ratio Lower Upper
75 100
77 33.2 24.6 37.0

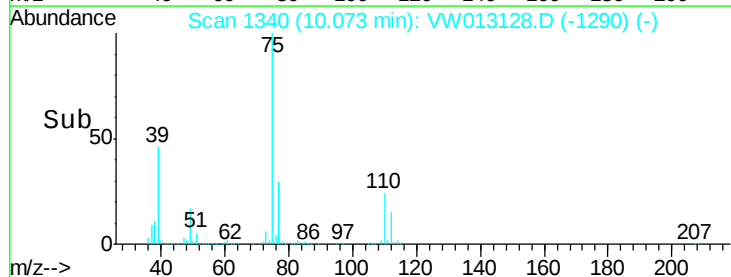
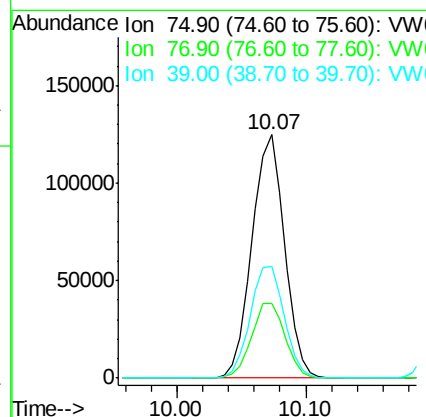
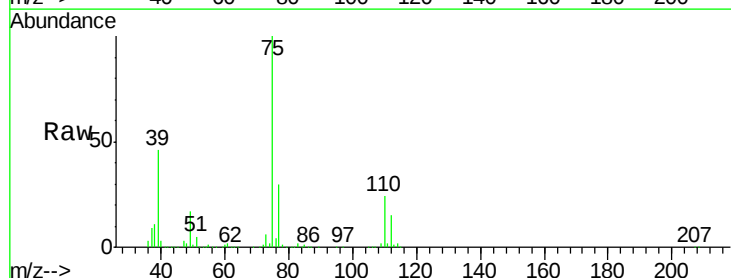
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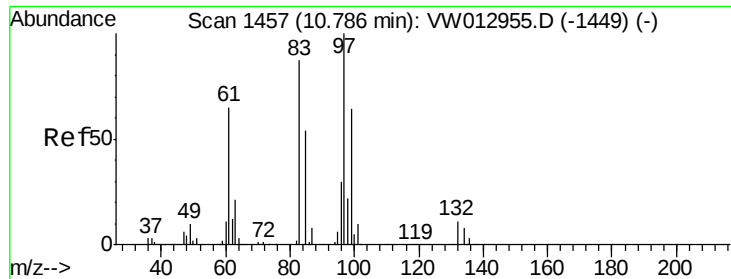
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#54
cis-1,3-Dichloropropene
Concen: 43.273 ug/l
RT: 10.07 min Scan# 1340
Delta R.T. 0.01 min
Lab File: VW013128.D
Acq: 18 Sep 2019 21:37

Tgt Ion: 75 Resp: 217612
Ion Ratio Lower Upper
75 100
77 30.4 25.5 38.3
39 46.0 45.0 67.6





#55

1,1,2-Trichloroethane

Concen: 48.299 ug/l

RT: 10.79 min Scan# 1457

Delta R.T. -0.00 min

Lab File: VW013128.D

Acq: 18 Sep 2019 21:37

Instrument :

MSVOA_W

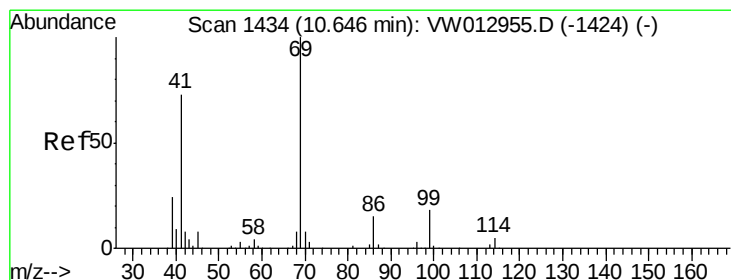
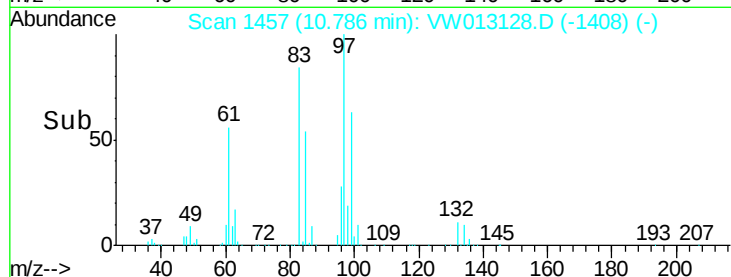
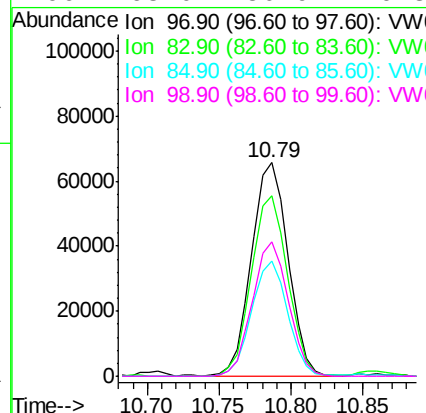
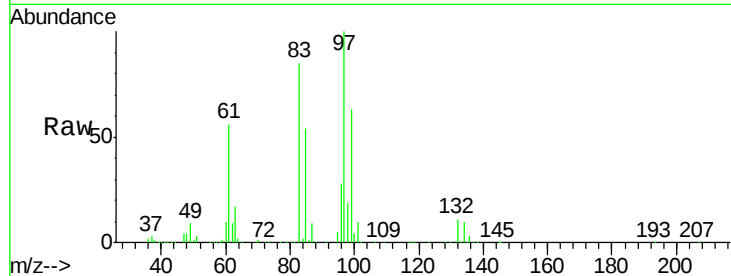
ClientSampleId :

VSTDCCC050EC

Tot Ion:	97	Resp:	114631
Ion	Ratio	Lower	Upper
97	100		
83	84.6	69.4	104.0
85	54.2	43.3	64.9
99	63.0	50.9	76.3

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#56

Ethyl methacrylate

Concen: 47.970 ug/l

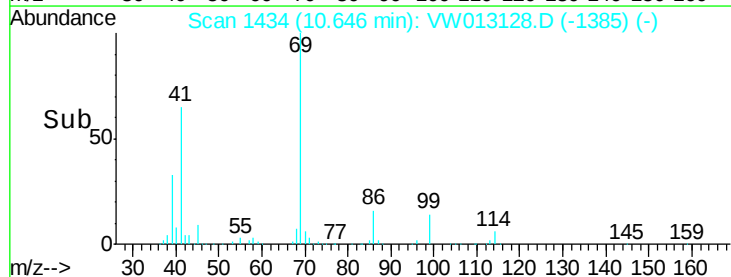
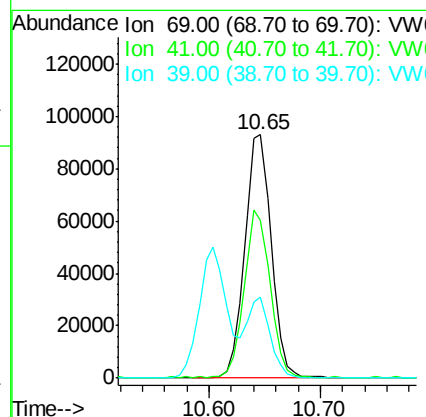
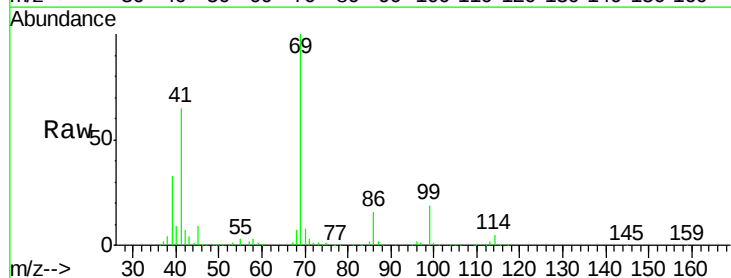
RT: 10.65 min Scan# 1434

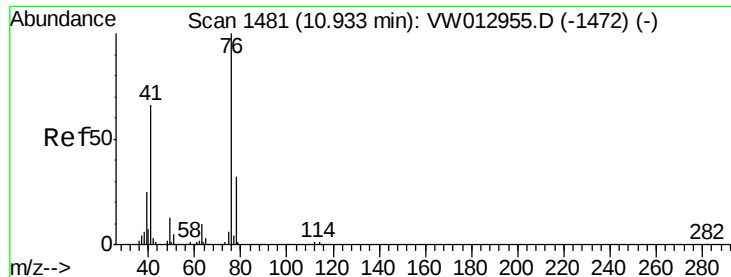
Delta R.T. 0.00 min

Lab File: VW013128.D

Acq: 18 Sep 2019 21:37

Tgt Ion:	69	Resp:	153246
Ion	Ratio	Lower	Upper
69	100		
41	67.8	60.8	91.2
39	28.2	29.4	44.0#





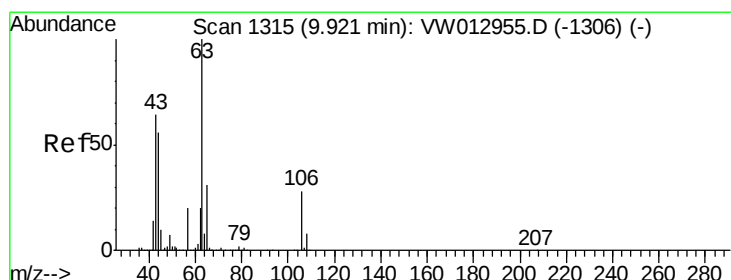
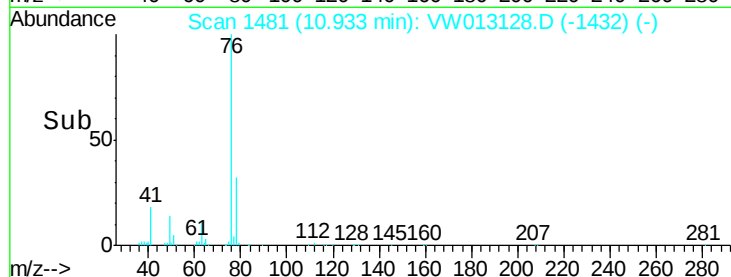
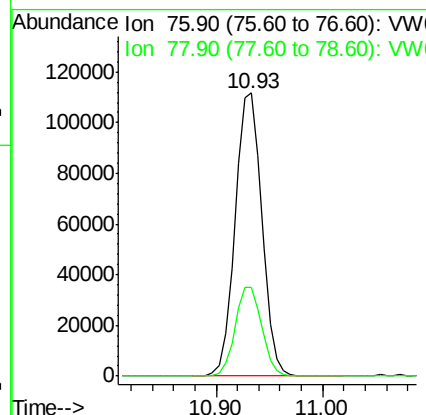
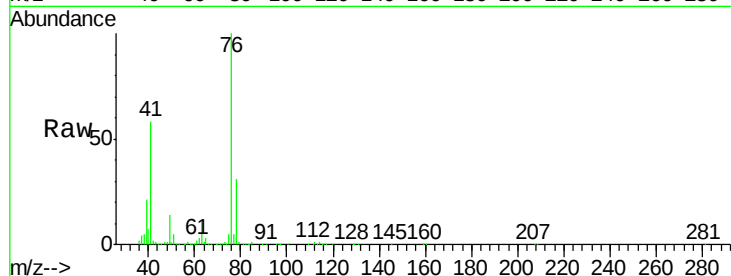
#57
 1,3-Dichloropropane
 Concen: 46.794 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. 0.00 min
 Lab File: VW013128.D
 Acq: 18 Sep 2019 21:37

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 76 Resp: 197009
 Ion Ratio Lower Upper
 76 100
 78 31.4 25.6 38.4

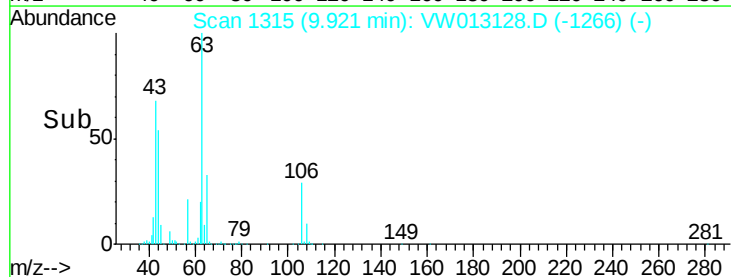
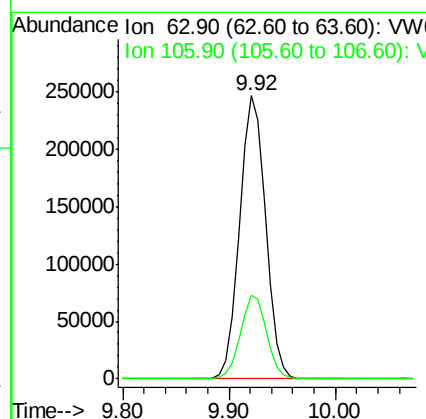
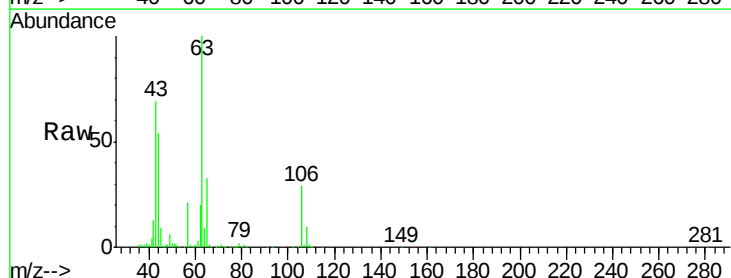
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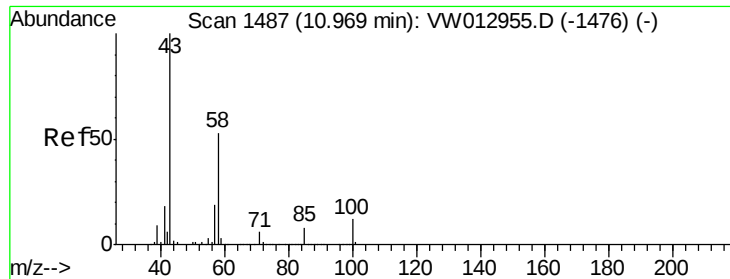
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#58
 2-Chloroethyl Vinyl ether
 Concen: 247.211 ug/l
 RT: 9.92 min Scan# 1315
 Delta R.T. -0.00 min
 Lab File: VW013128.D
 Acq: 18 Sep 2019 21:37

Tgt Ion: 63 Resp: 423645
 Ion Ratio Lower Upper
 63 100
 106 29.5 22.2 33.2





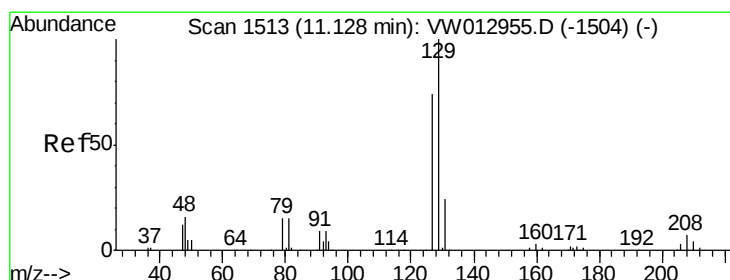
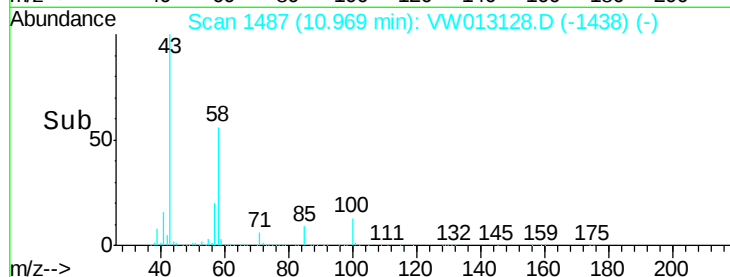
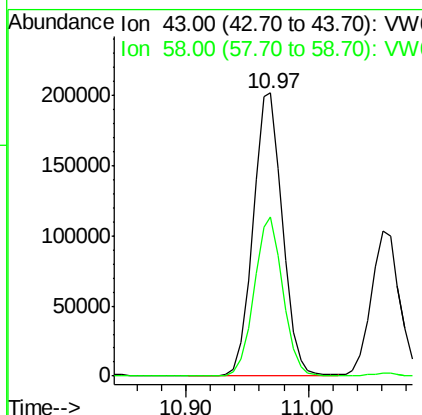
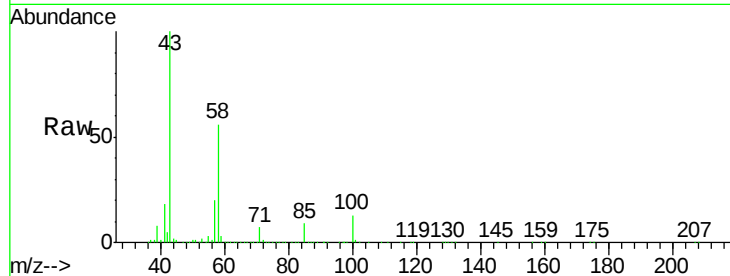
#59
2-Hexanone
Concen: 209.564 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VW013128.D
Acq: 18 Sep 2019 21:37

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 336614
Ion Ratio Lower Upper
43 100
58 55.2 25.8 77.3

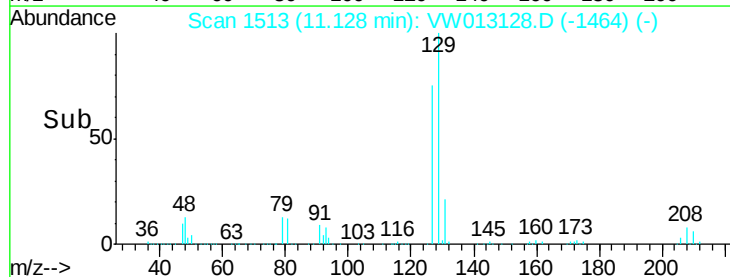
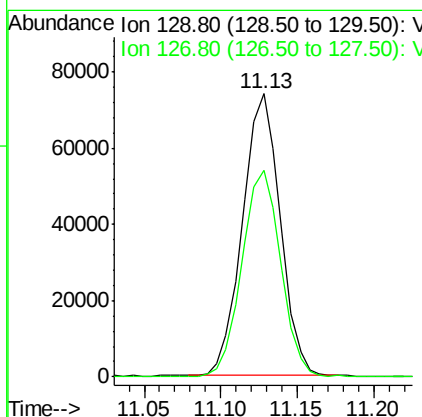
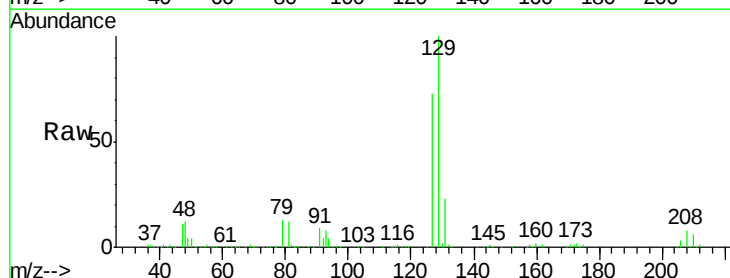
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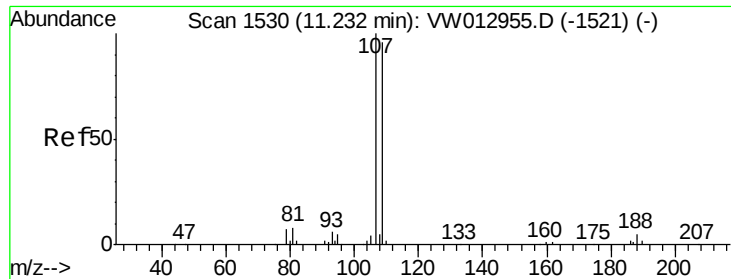
MMDadoda
9/19/2019 11:23:03 AM



#60
Dibromochloromethane
Concen: 44.297 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW013128.D
Acq: 18 Sep 2019 21:37

Tgt Ion:129 Resp: 127107
Ion Ratio Lower Upper
129 100
127 75.4 37.4 112.2





#61

1,2-Dibromoethane

Concen: 47.570 ug/l

RT: 11.23 min Scan# 1530

Delta R.T. -0.00 min

Lab File: VW013128.D

Acq: 18 Sep 2019 21:37

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 107 Resp: 102993

Ion Ratio Lower Upper

107 100

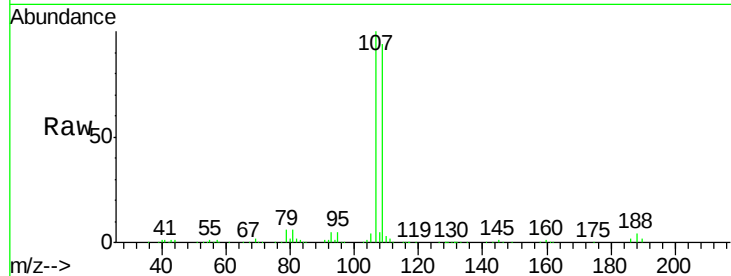
109 93.8 75.0 112.6

Manual Integrations

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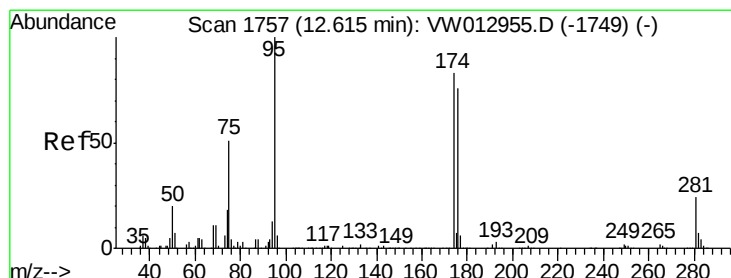
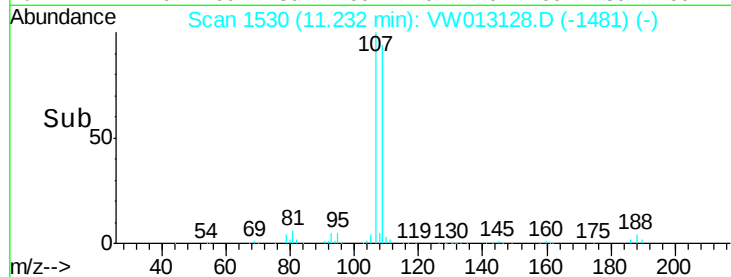
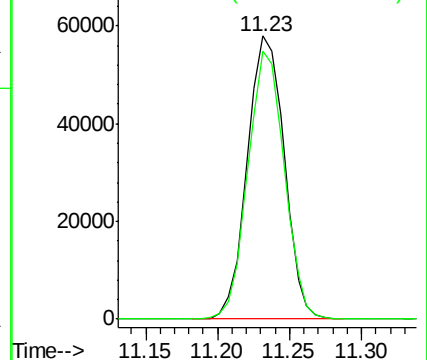
MMDadoda

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 47.710 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW013128.D

Acq: 18 Sep 2019 21:37

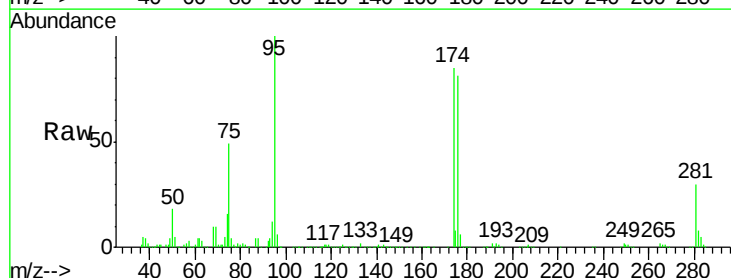
Tgt Ion: 95 Resp: 199858

Ion Ratio Lower Upper

95 100

174 86.2 0.0 170.4

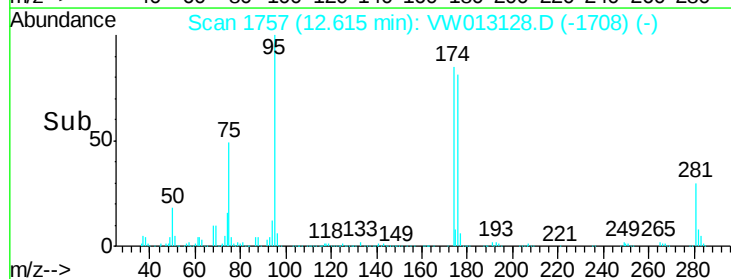
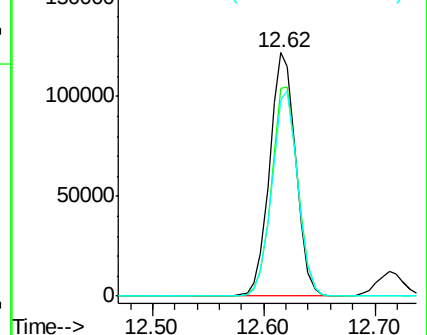
176 83.4 0.0 164.6

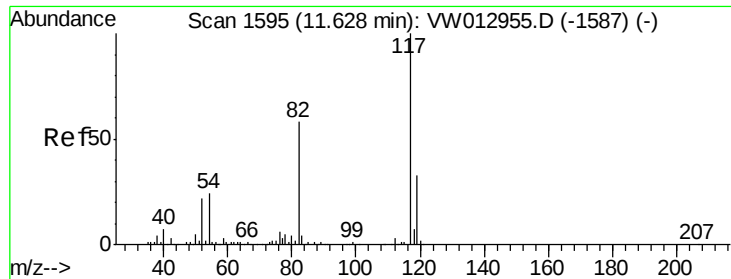


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





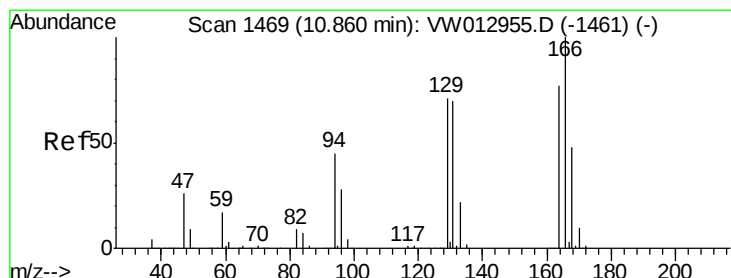
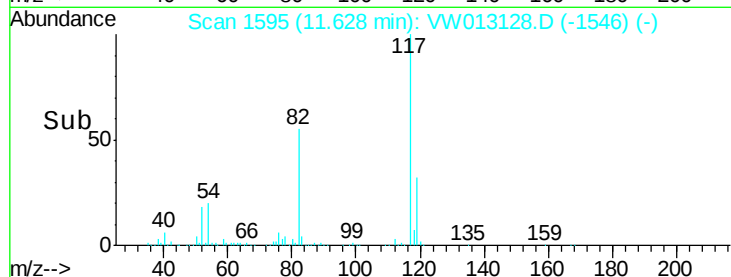
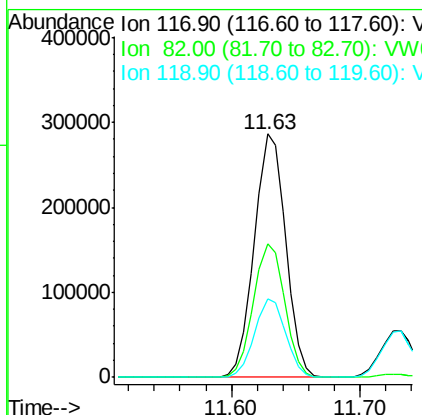
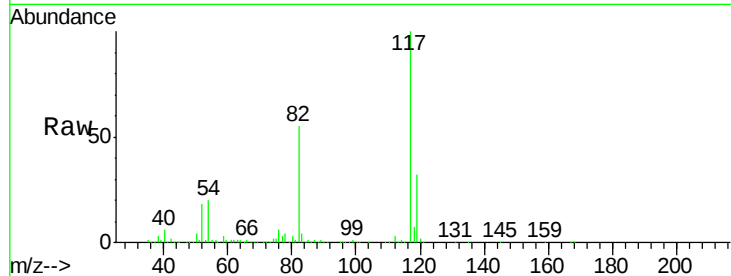
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.00 min
Lab File: VW013128.D
Acq: 18 Sep 2019 21:37

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
117	100	481405		
82	54.7	46.3	69.5	
119	32.4	26.2	39.4	

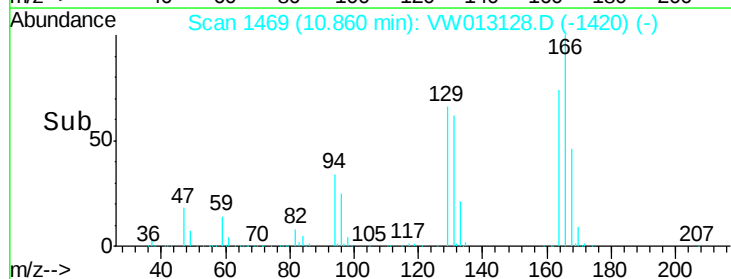
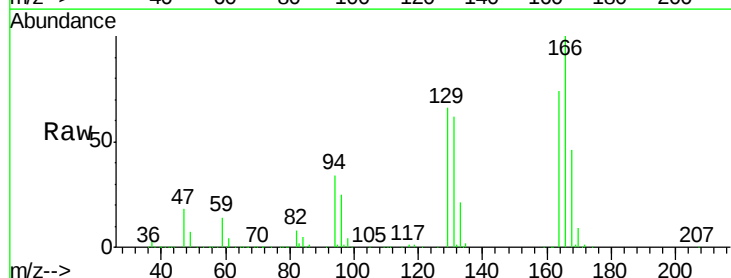
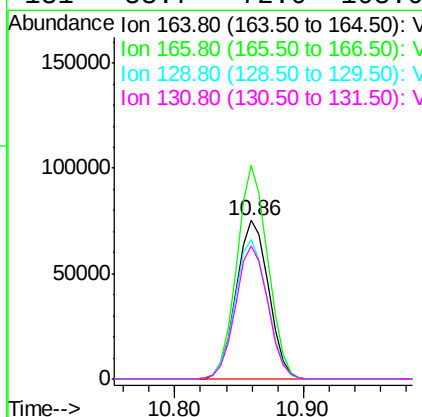
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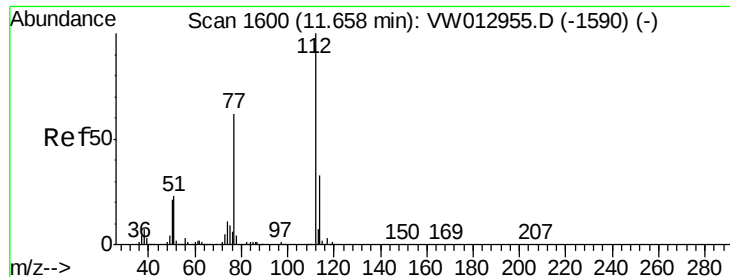
MMDadoda
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#64
Tetrachloroethene
Concen: 45.723 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VW013128.D
Acq: 18 Sep 2019 21:37

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	130945		
166	134.8	103.3	154.9	
129	88.4	73.8	110.8	
131	83.7	72.0	108.0	





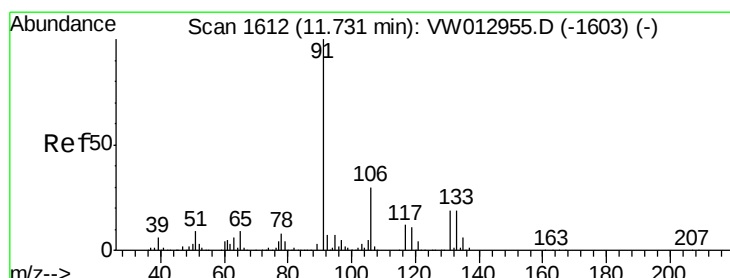
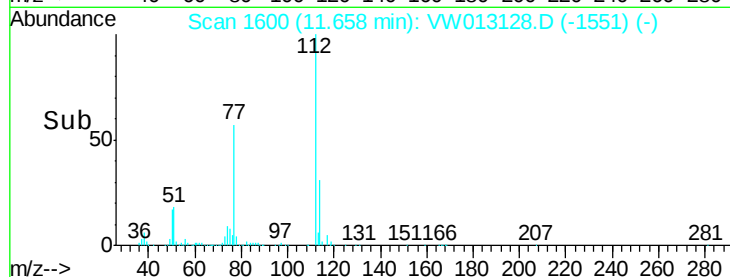
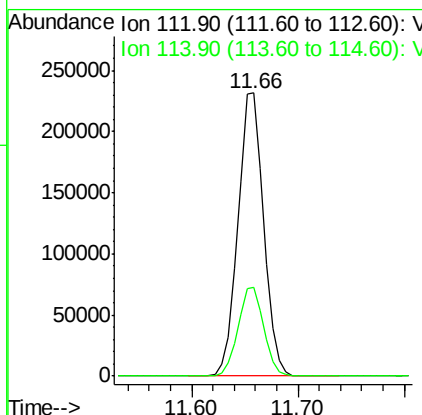
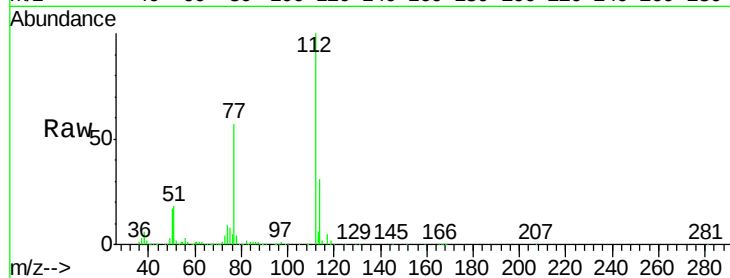
#65
Chlorobenzene
Concen: 45.798 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW013128.D
Acq: 18 Sep 2019 21:37

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
112	100		
114	31.3	26.4	39.6

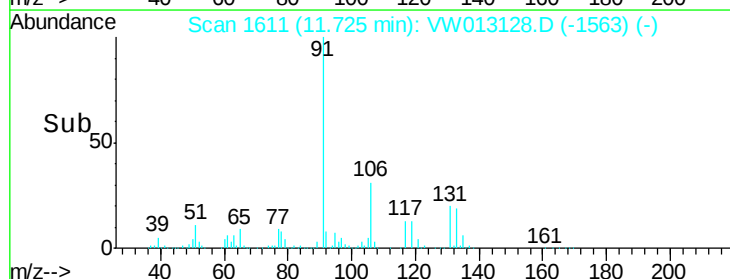
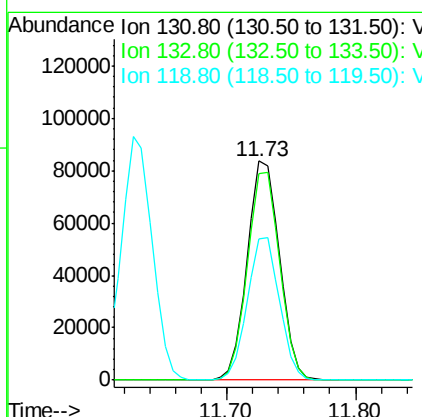
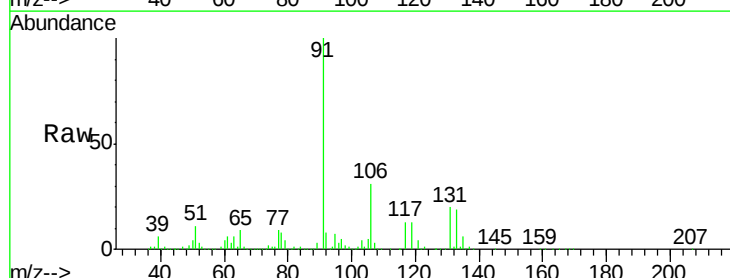
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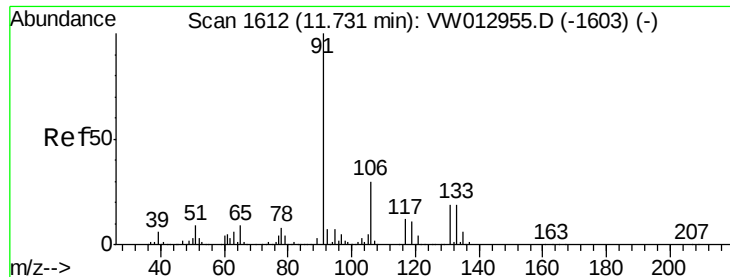
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#66
1,1,1,2-Tetrachloroethane
Concen: 44.072 ug/l
RT: 11.73 min Scan# 1611
Delta R.T. -0.01 min
Lab File: VW013128.D
Acq: 18 Sep 2019 21:37

Tgt Ion	Ratio	Lower	Upper
131	100		
133	94.9	47.9	143.8
119	65.0	30.9	92.7





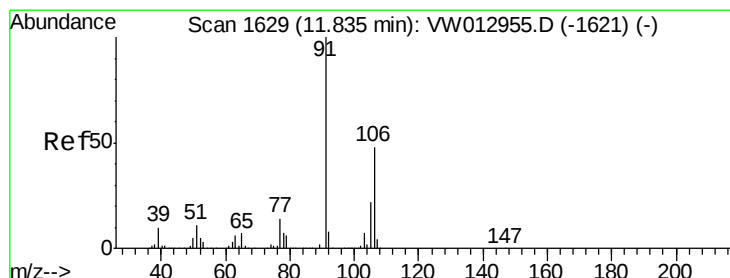
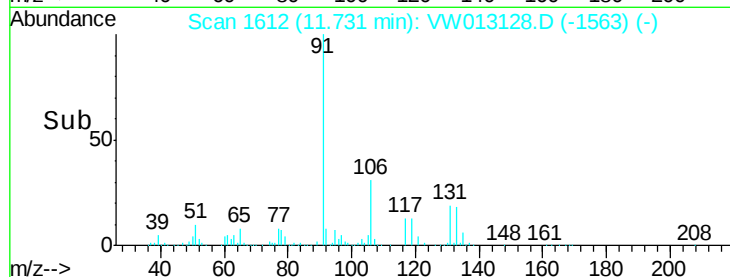
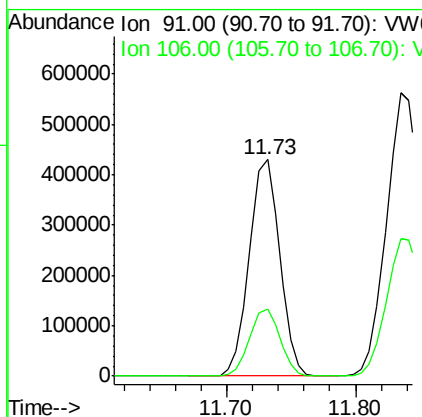
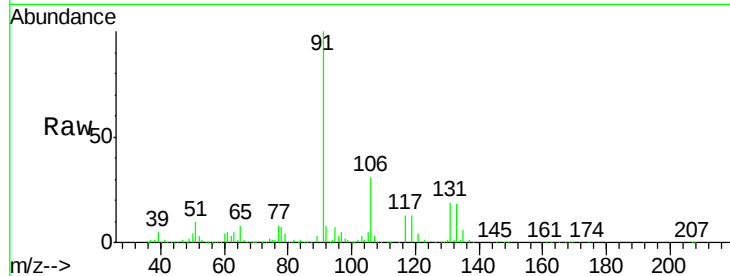
#67
Ethyl Benzene
Concen: 44.245 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW013128.D
Acq: 18 Sep 2019 21:37

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 700702
Ion Ratio Lower Upper
91 100
106 30.8 24.3 36.5

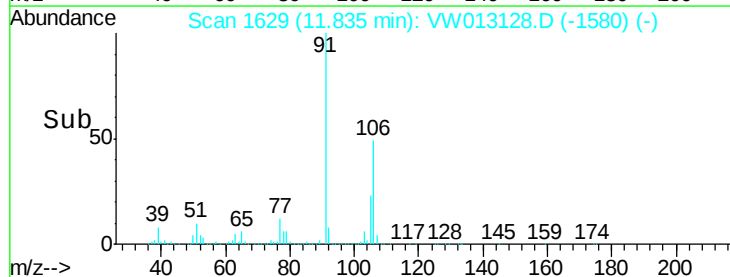
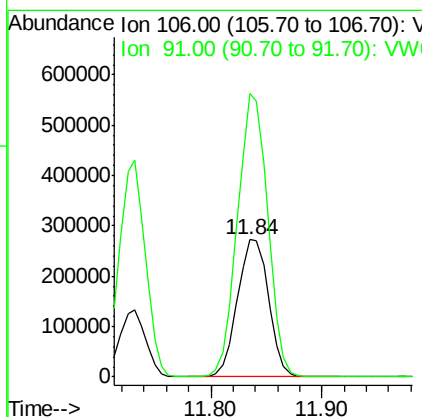
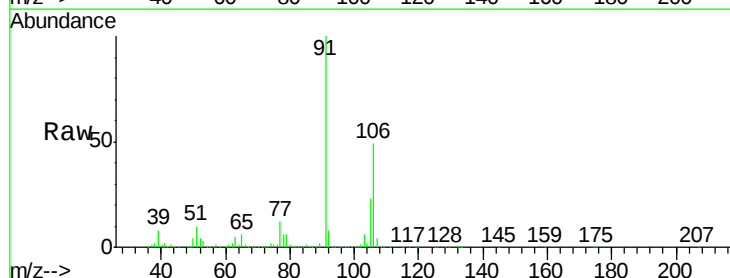
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#68
m/p-Xylenes
Concen: 91.502 ug/l
RT: 11.84 min Scan# 1629
Delta R.T. -0.00 min
Lab File: VW013128.D
Acq: 18 Sep 2019 21:37

Tgt Ion: 106 Resp: 529380
Ion Ratio Lower Upper
106 100
91 199.9 165.8 248.8





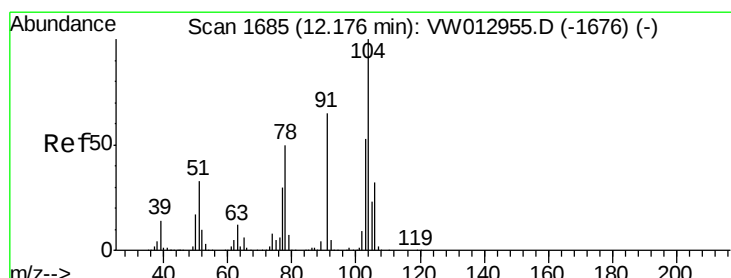
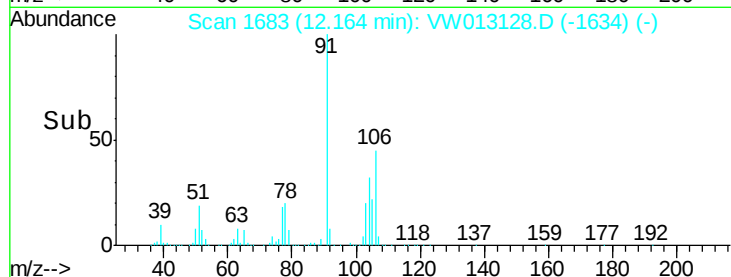
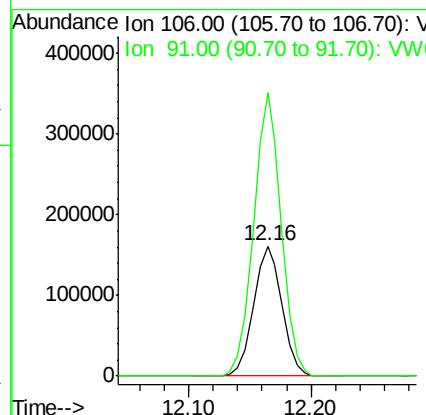
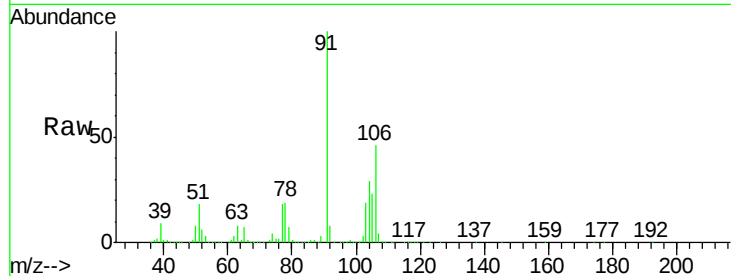
#69
o-Xylene
Concen: 47.690 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.00 min
Lab File: VW013128.D
Acq: 18 Sep 2019 21:37

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion:106 Resp: 258669
Ion Ratio Lower Upper
106 100
91 211.7 109.7 329.0

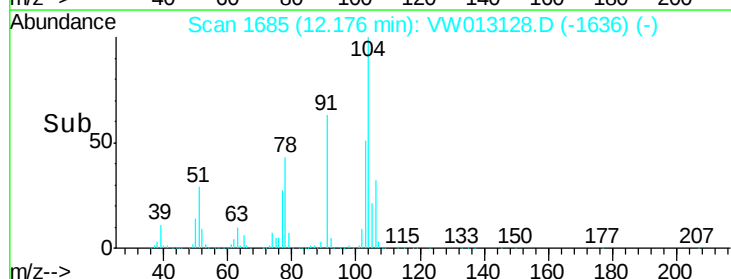
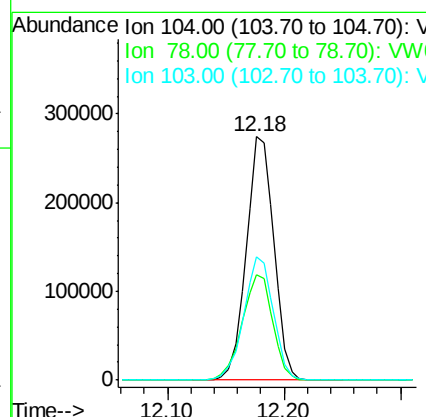
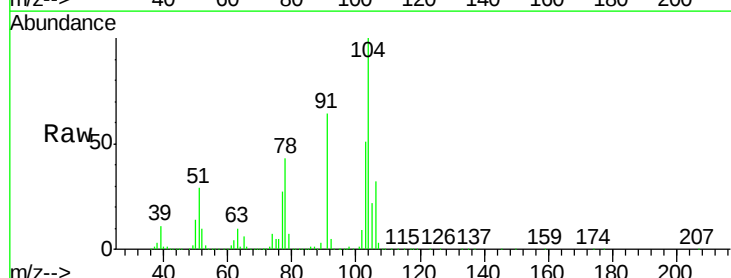
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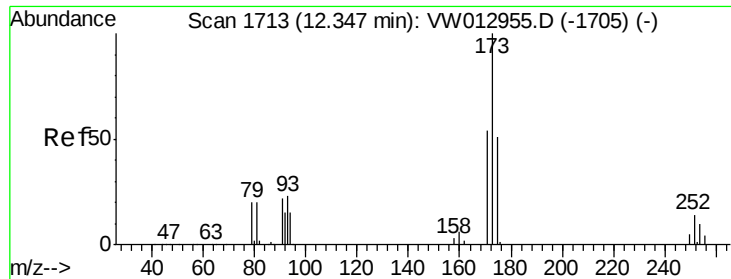
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#70
Styrene
Concen: 47.136 ug/l
RT: 12.18 min Scan# 1685
Delta R.T. -0.00 min
Lab File: VW013128.D
Acq: 18 Sep 2019 21:37

Tgt Ion:104 Resp: 454794
Ion Ratio Lower Upper
104 100
78 47.7 42.1 63.1
103 53.9 44.2 66.4





#71

Bromoform

Concen: 43.268 ug/l

RT: 12.35 min Scan# 1713

Delta R.T. -0.00 min

Lab File: VW013128.D

Acq: 18 Sep 2019 21:37

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion:173 Resp: 74684

Ion Ratio Lower Upper

173 100

175 49.1 24.2 72.6

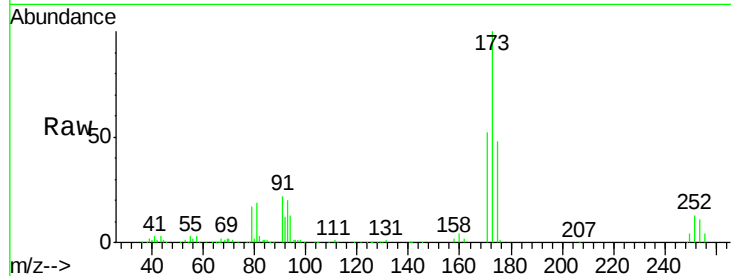
254 0.1 0.1 0.1#

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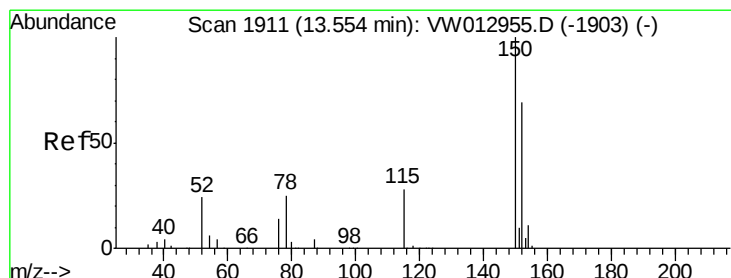
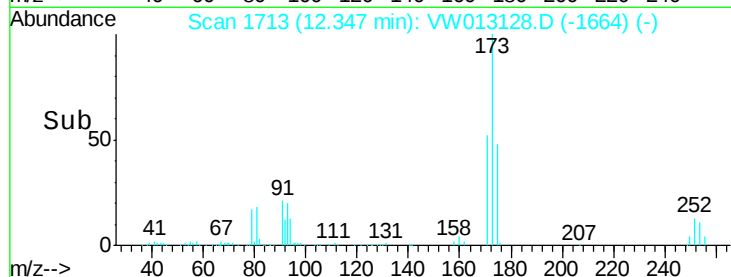
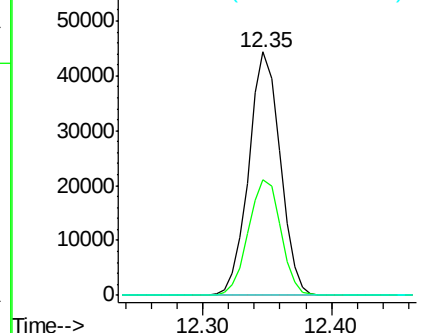
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Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. 0.01 min

Lab File: VW013128.D

Acq: 18 Sep 2019 21:37

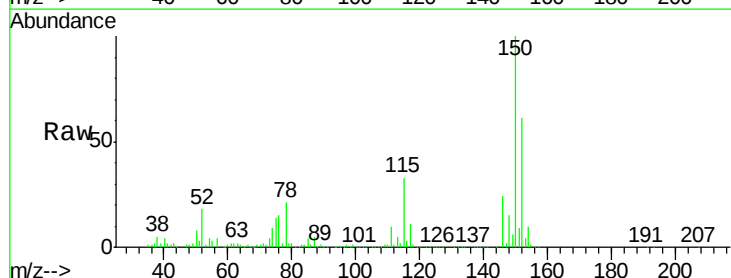
Tgt Ion:152 Resp: 238415

Ion Ratio Lower Upper

152 100

115 56.2 28.8 86.4

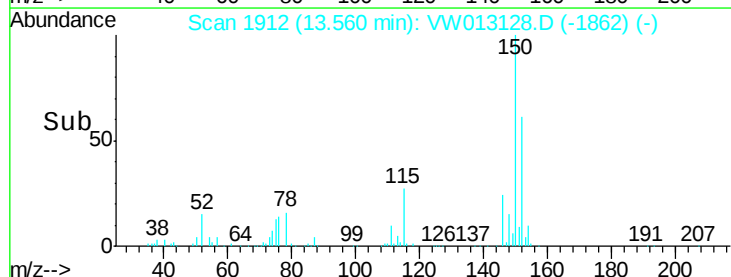
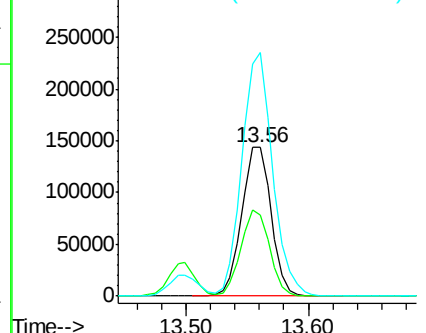
150 170.9 0.0 340.2

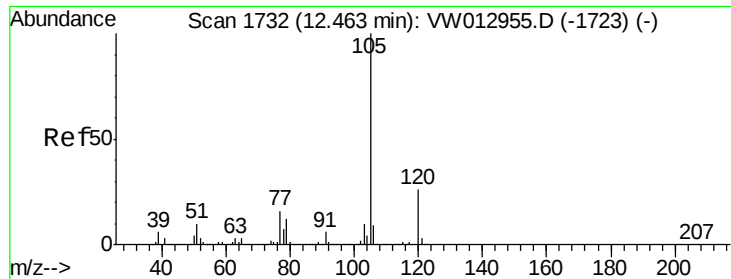


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





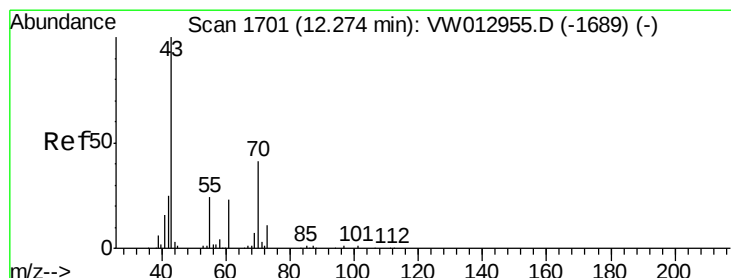
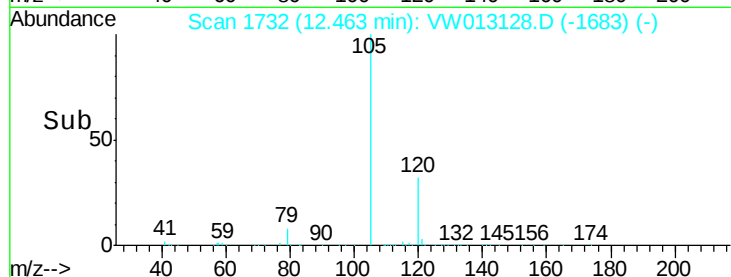
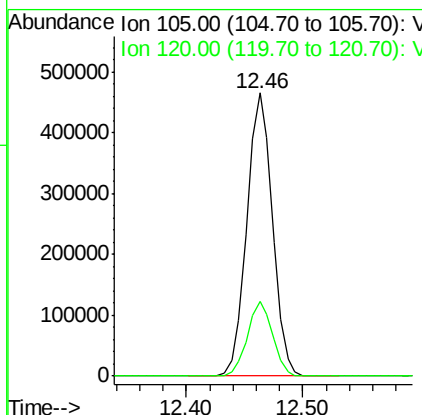
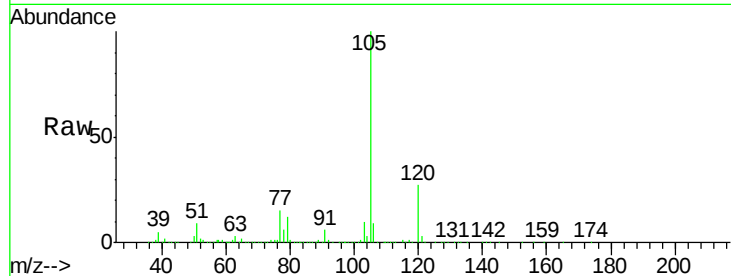
#73
Isopropylbenzene
Concen: 45.208 ug/l
RT: 12.46 min Scan# 1732
Delta R.T. -0.00 min
Lab File: VW013128.D
Acq: 18 Sep 2019 21:37

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
105	100		
120	26.1	13.0	39.0

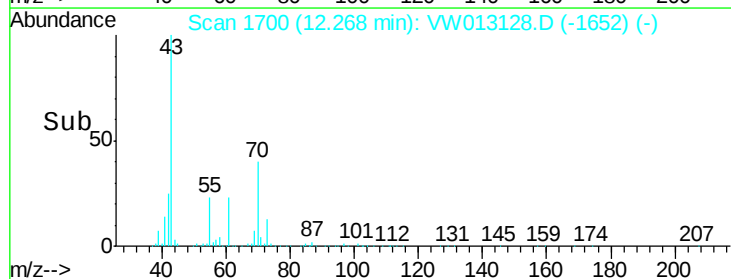
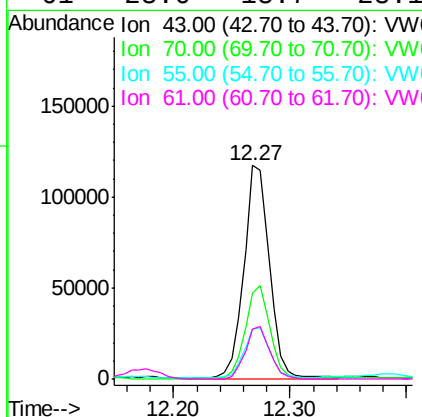
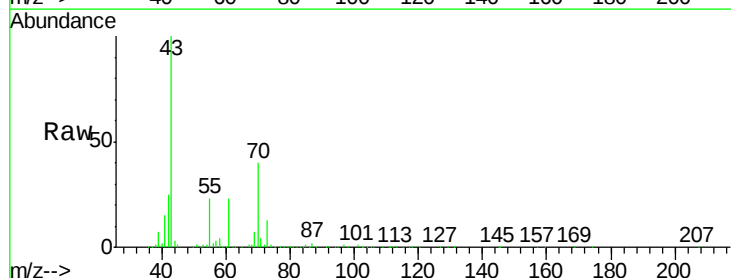
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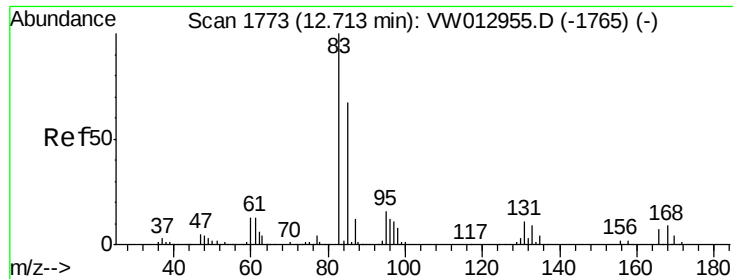
MMDadoda
9/19/2019 11:23:03 AM



#74
N-ethyl acetate
Concen: 44.135 ug/l
RT: 12.27 min Scan# 1700
Delta R.T. -0.01 min
Lab File: VW013128.D
Acq: 18 Sep 2019 21:37

Tgt Ion	Ratio	Lower	Upper
43	100		
70	42.3	31.7	47.5
55	24.1	19.4	29.2
61	23.6	18.7	28.1





#75

1,1,2,2-Tetrachloroethane

Concen: 47.657 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. -0.00 min

Lab File: VW013128.D

Acq: 18 Sep 2019 21:37

Instrument :

MSVOA_W

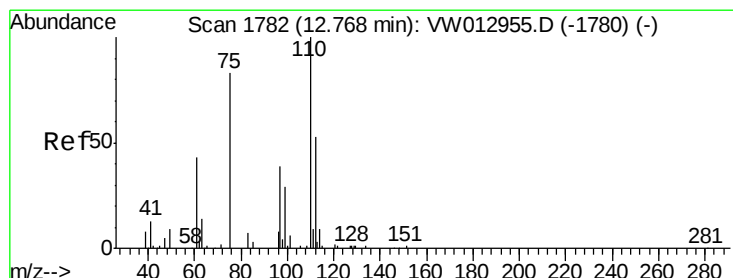
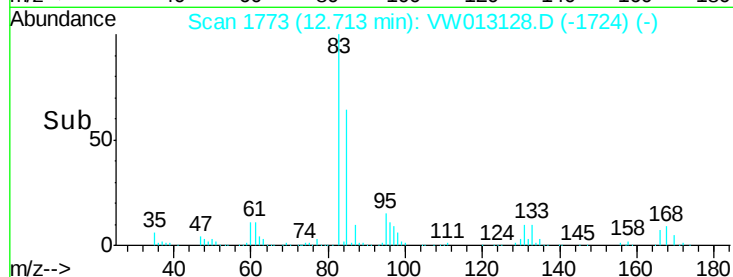
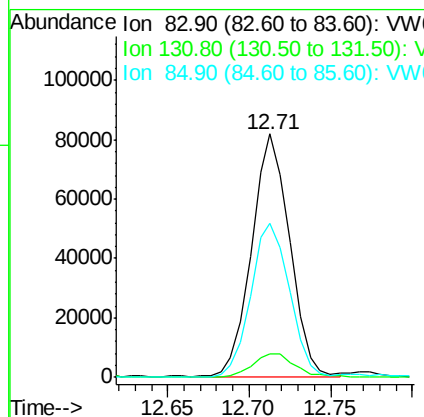
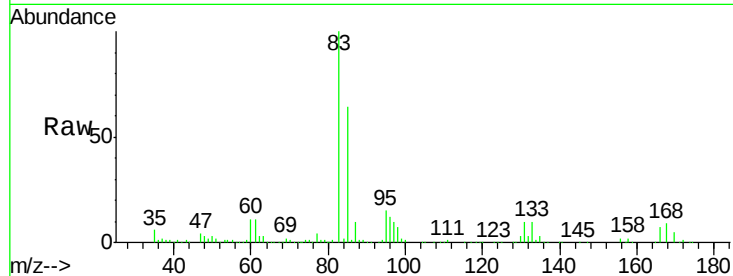
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	132274
Ion Ratio	Lower	Upper	
83	100		
131	11.0	5.7	17.1
85	64.6	31.4	94.3

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#76

1,2,3-Trichloropropane

Concen: 40.069 ug/l m

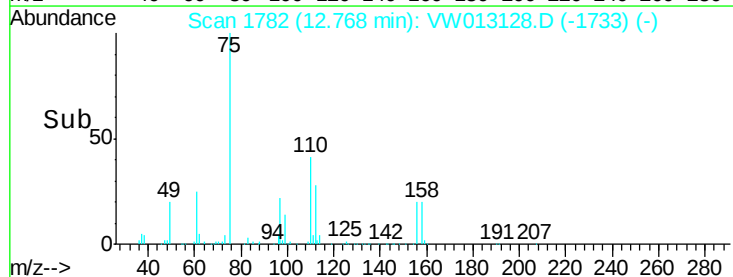
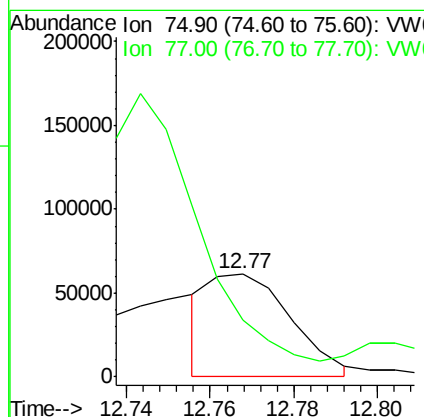
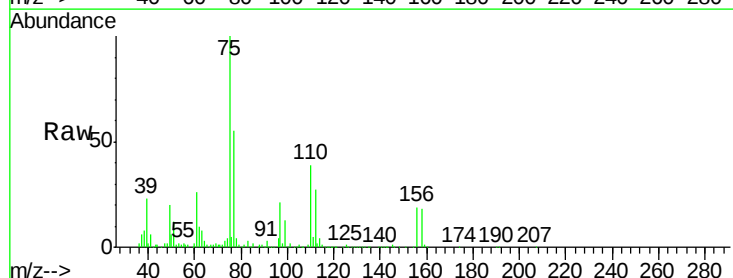
RT: 12.77 min Scan# 1782

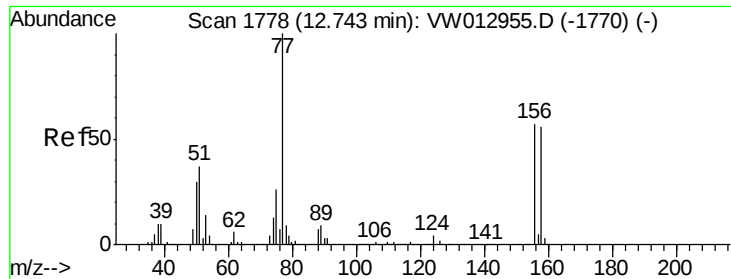
Delta R.T. -0.00 min

Lab File: VW013128.D

Acq: 18 Sep 2019 21:37

Tgt Ion:	75	Resp:	83677
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 46.694 ug/l

RT: 12.74 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VW013128.D

Acq: 18 Sep 2019 21:37

Instrument :

MSVOA_W

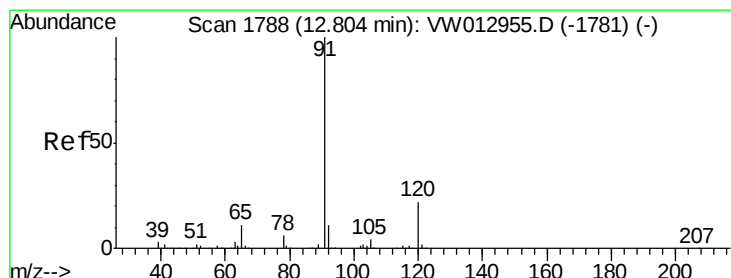
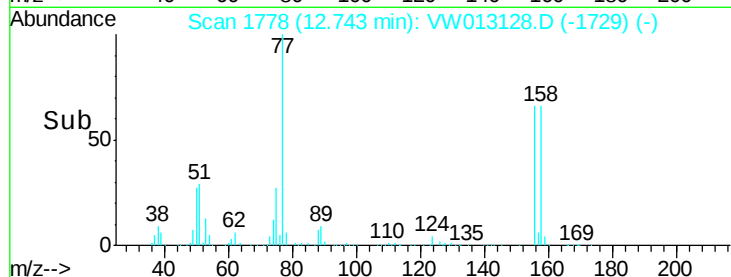
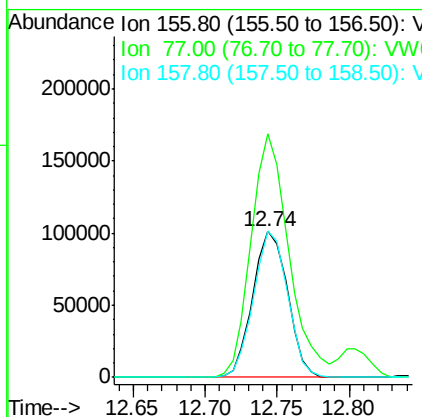
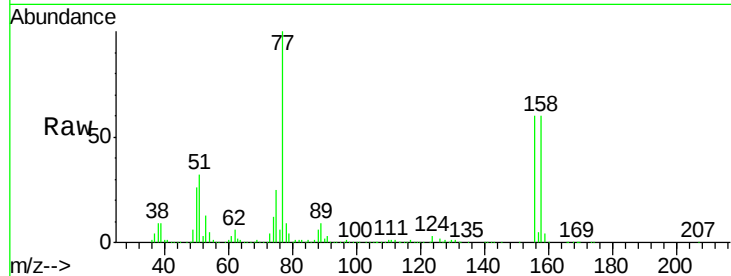
ClientSampleId :

VSTDCCC050EC

Tot Ion:	156	Resp:	169991
Ion Ratio	Lower	Upper	
156	100		
77	181.2	95.2	285.6
158	97.3	49.0	147.2

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#78

n-propylbenzene

Concen: 44.492 ug/l

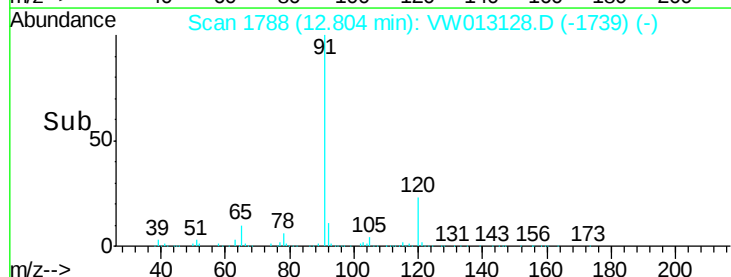
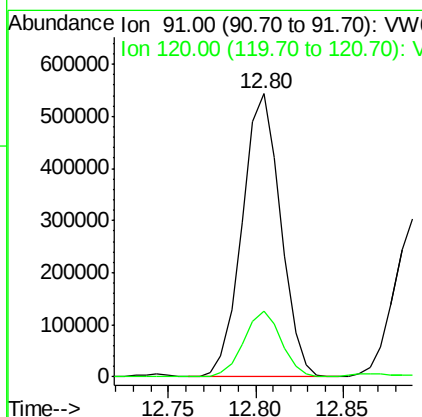
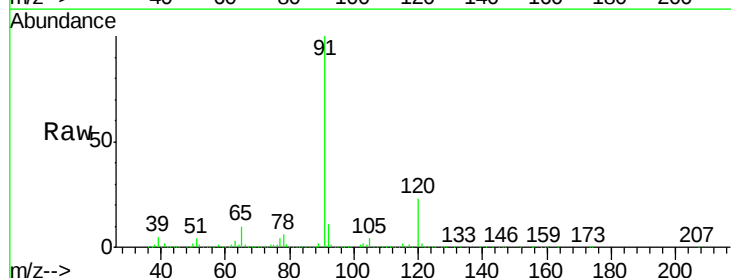
RT: 12.80 min Scan# 1788

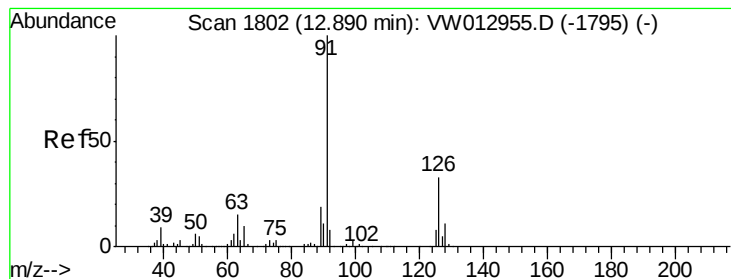
Delta R.T. -0.00 min

Lab File: VW013128.D

Acq: 18 Sep 2019 21:37

Tgt Ion:	91	Resp:	827064
Ion Ratio	Lower	Upper	
91	100		
120	22.8	11.2	33.5





#79

2-Chlorotoluene

Concen: 44.641 ug/l

RT: 12.89 min Scan# 1802

Delta R.T. 0.00 min

Lab File: VW013128.D

Acq: 18 Sep 2019 21:37

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 477031

Ion Ratio Lower Upper

91 100

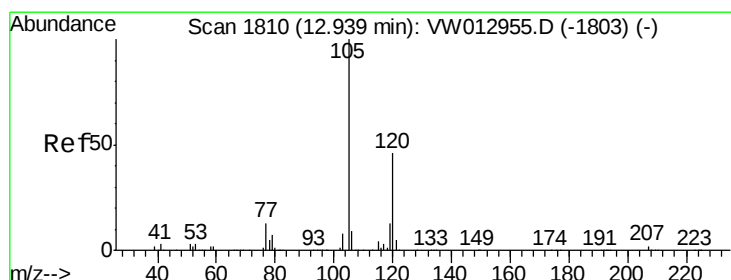
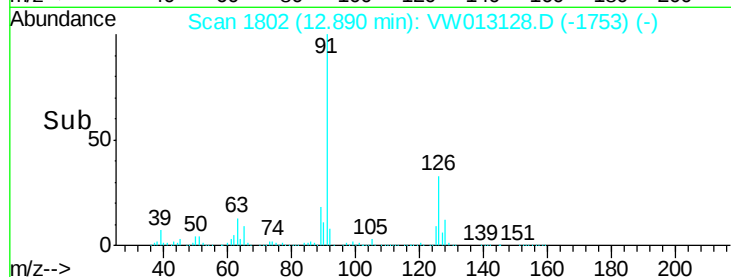
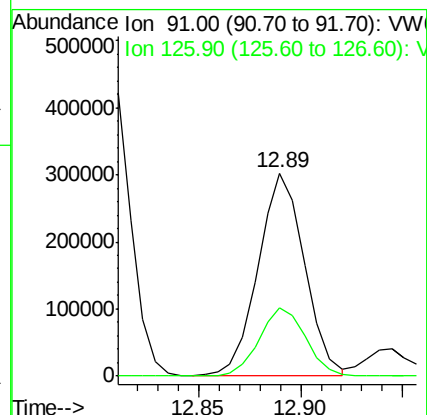
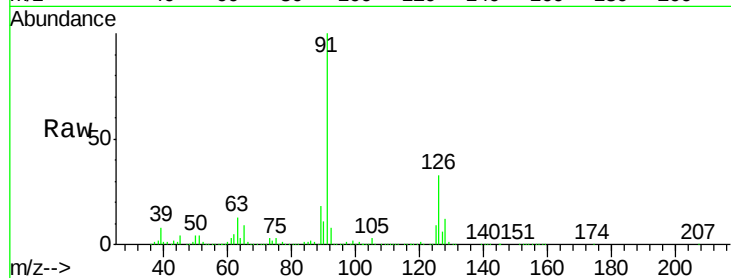
126 33.8 16.5 49.5

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#80

1,3,5-Trimethylbenzene

Concen: 47.122 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. 0.01 min

Lab File: VW013128.D

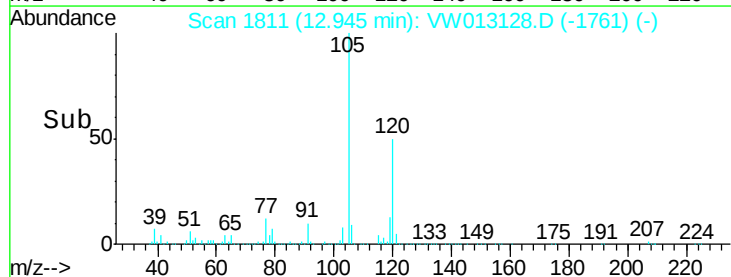
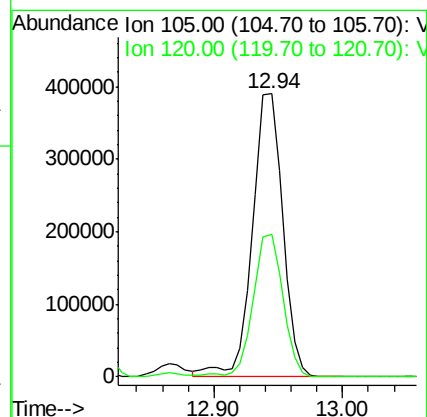
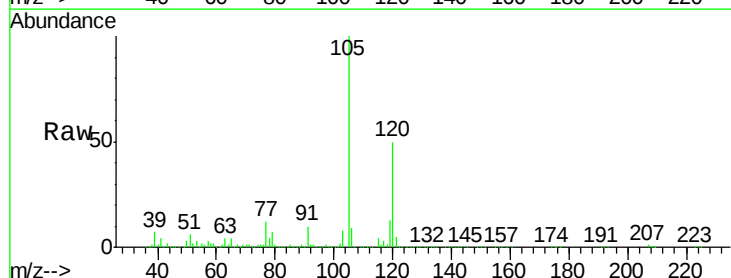
Acq: 18 Sep 2019 21:37

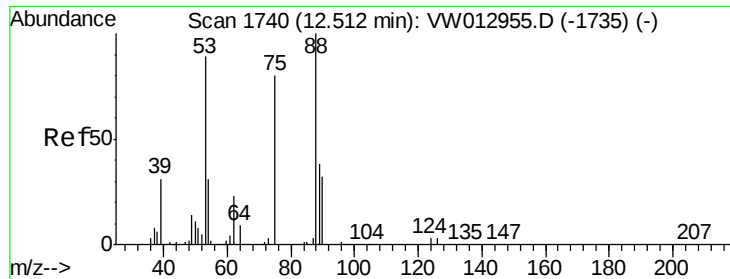
Tgt Ion: 105 Resp: 629983

Ion Ratio Lower Upper

105 100

120 49.6 24.2 72.6





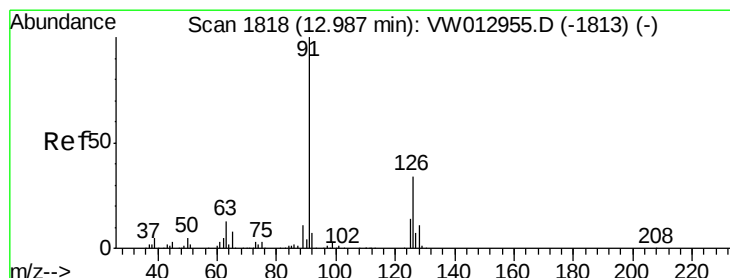
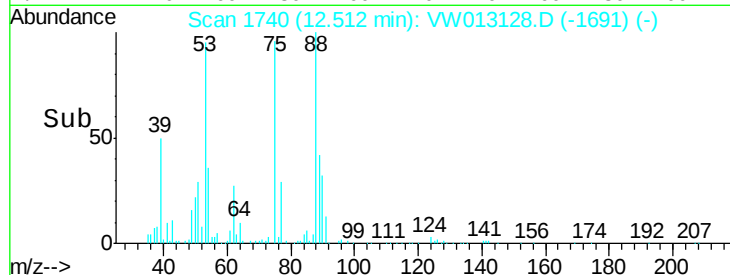
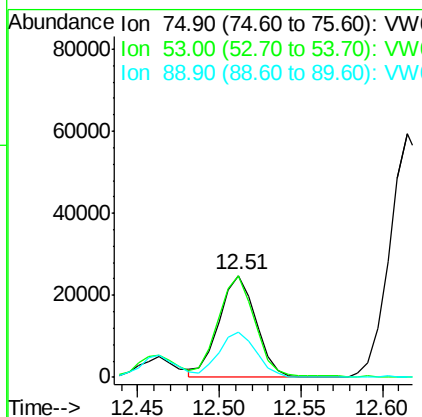
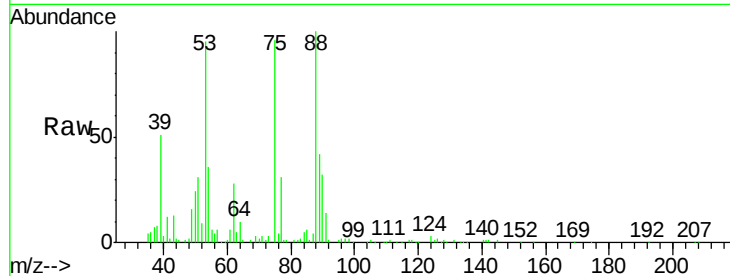
#81
trans-1,4-Dichloro-2-butene
Concen: 42.552 ug/l
RT: 12.51 min Scan# 1740
Delta R.T. -0.00 min
Lab File: VW013128.D
Acq: 18 Sep 2019 21:37

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
53	96.2	85.6	128.4
89	44.8	37.2	55.8

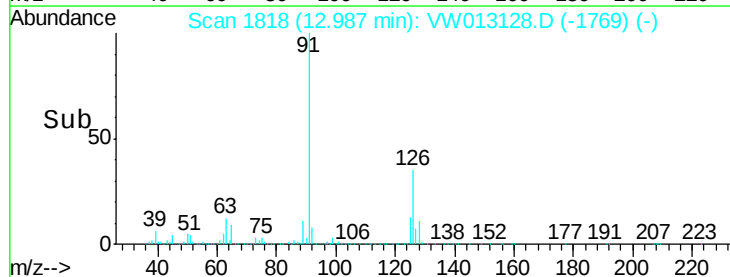
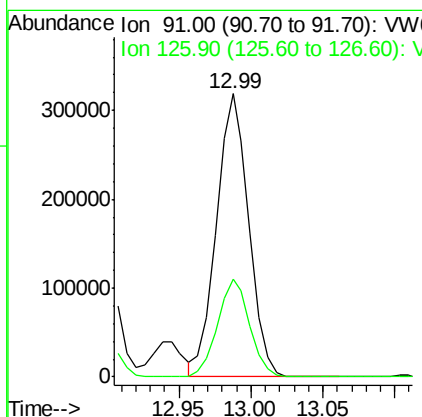
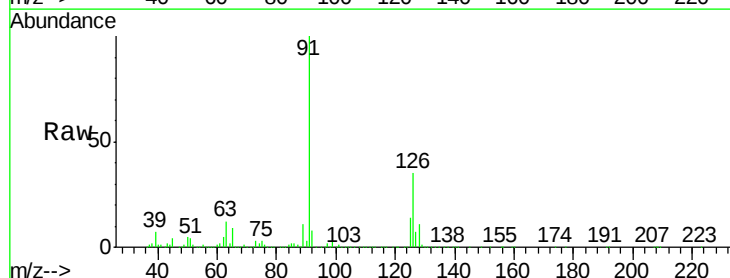
Manual Integrations
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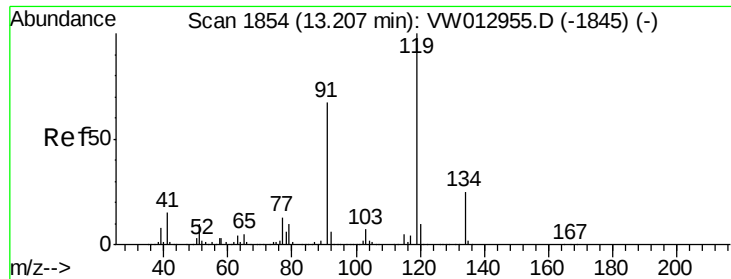
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#82
4-Chlorotoluene
Concen: 44.029 ug/l
RT: 12.99 min Scan# 1818
Delta R.T. -0.00 min
Lab File: VW013128.D
Acq: 18 Sep 2019 21:37

Tgt Ion	Ratio	Lower	Upper
91	100		
126	34.5	16.1	48.3





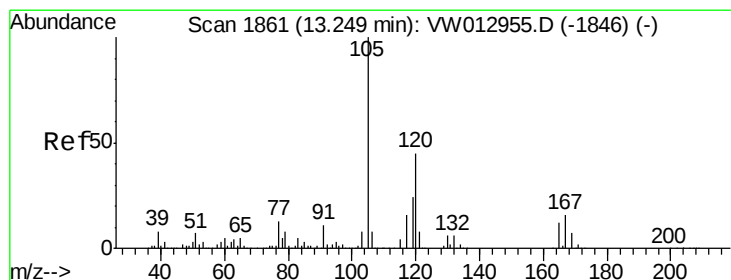
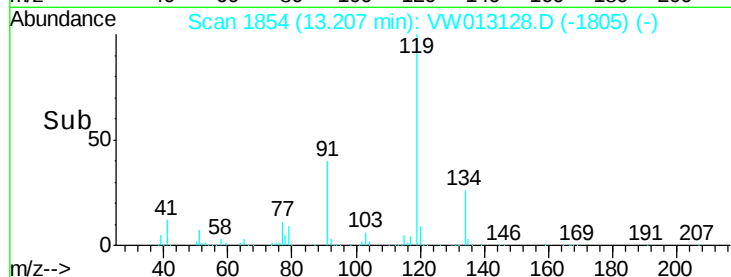
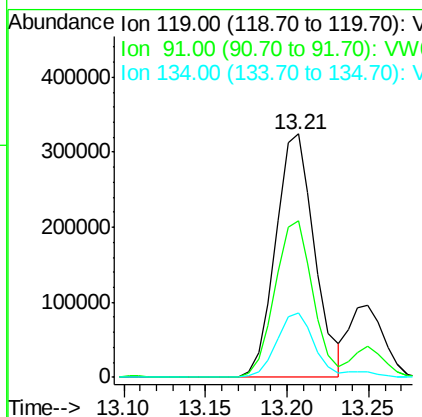
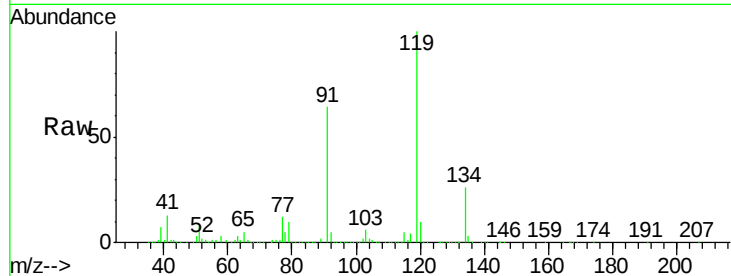
#83
tert-Butylbenzene
Concen: 44.968 ug/l
RT: 13.21 min Scan# 1854
Delta R.T. -0.00 min
Lab File: VW013128.D
Acq: 18 Sep 2019 21:37

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
119	100		
91	62.6	32.6	98.0
134	25.7	12.4	37.4

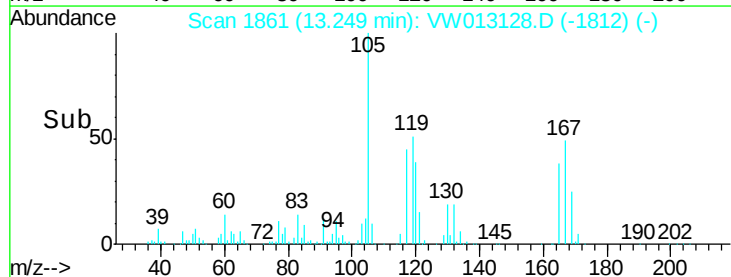
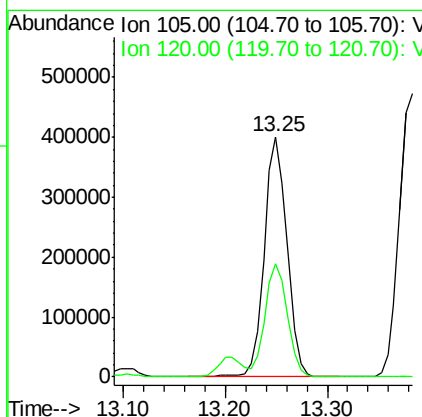
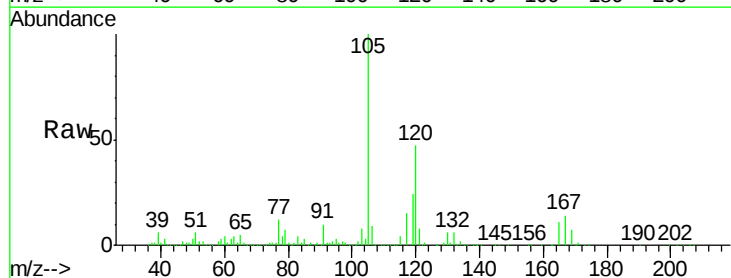
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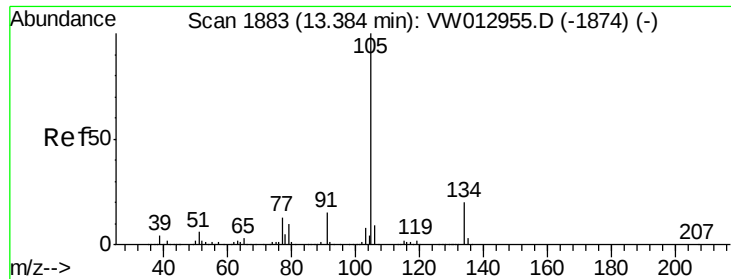
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#84
1,2,4-Trimethylbenzene
Concen: 46.666 ug/l
RT: 13.25 min Scan# 1861
Delta R.T. -0.00 min
Lab File: VW013128.D
Acq: 18 Sep 2019 21:37

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.3	21.9	65.7





#85

sec-Butylbenzene

Concen: 45.323 ug/l

RT: 13.38 min Scan# 1883

Delta R.T. -0.00 min

Lab File: VW013128.D

Acq: 18 Sep 2019 21:37

Instrument :

MSVOA_W

ClientSampleID :

VSTDCCC050EC

Tot Ion:105 Resp: 738414

Ion Ratio Lower Upper

105 100

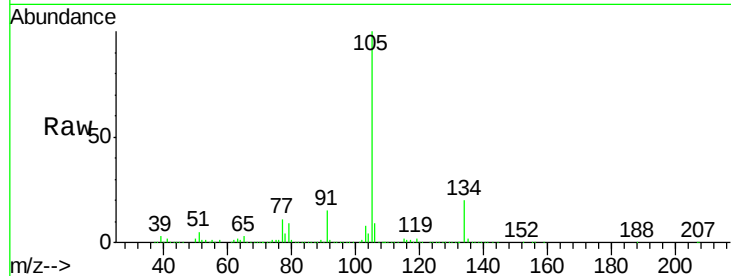
134 20.4 10.2 30.4

Manual Integrations

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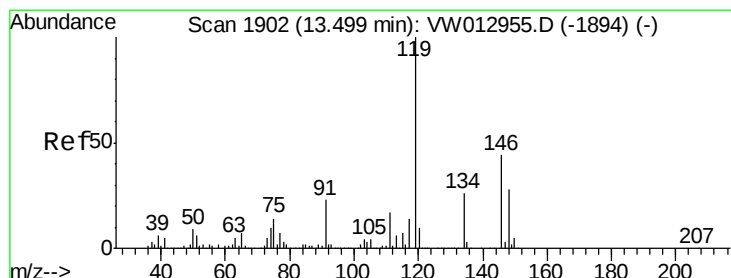
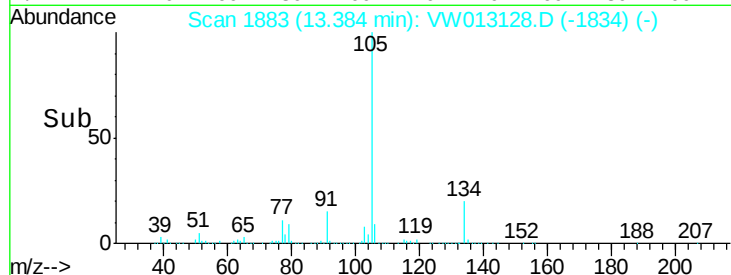
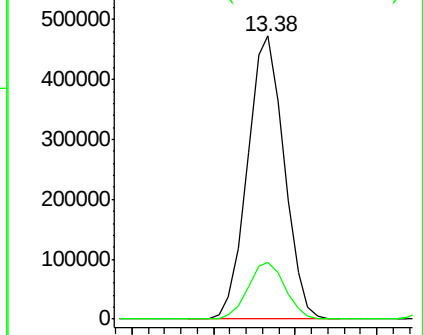
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 45.335 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. -0.00 min

Lab File: VW013128.D

Acq: 18 Sep 2019 21:37

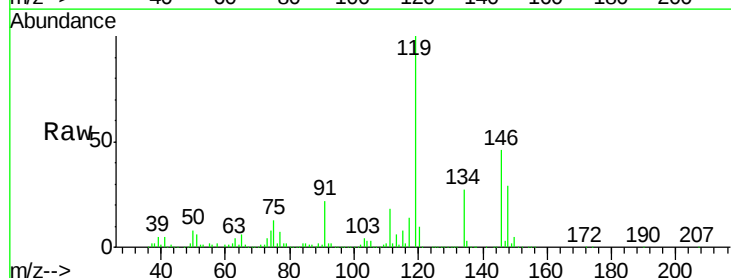
Tgt Ion:119 Resp: 678141

Ion Ratio Lower Upper

119 100

134 26.2 12.8 38.3

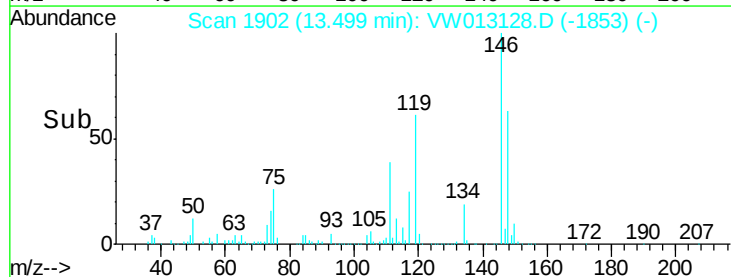
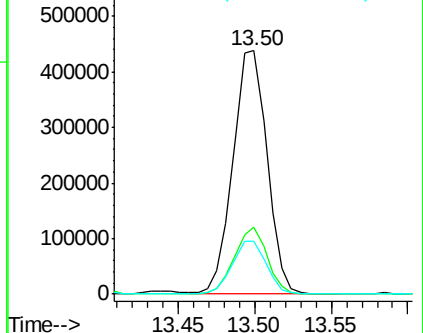
91 21.5 11.8 35.4

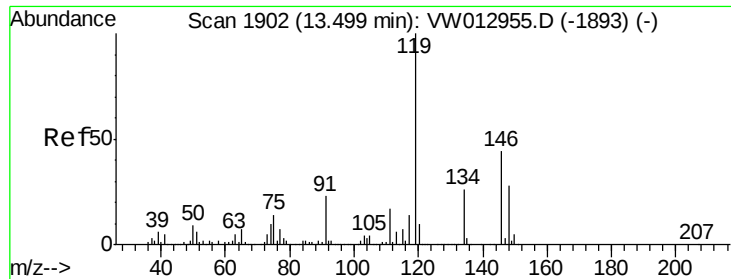


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





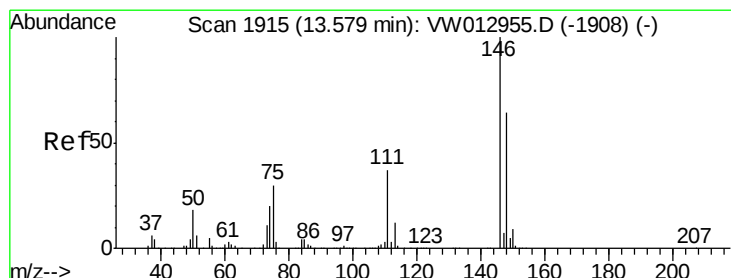
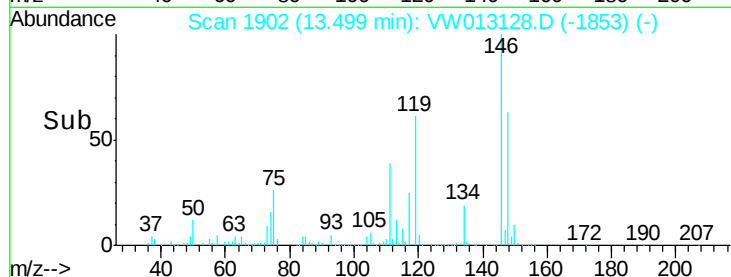
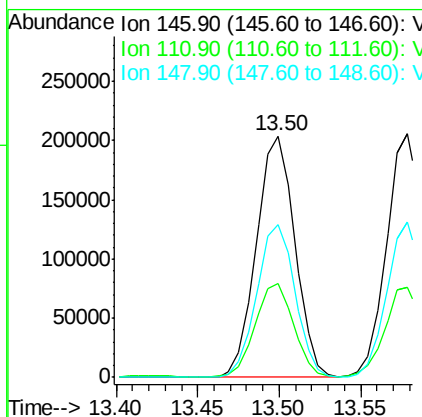
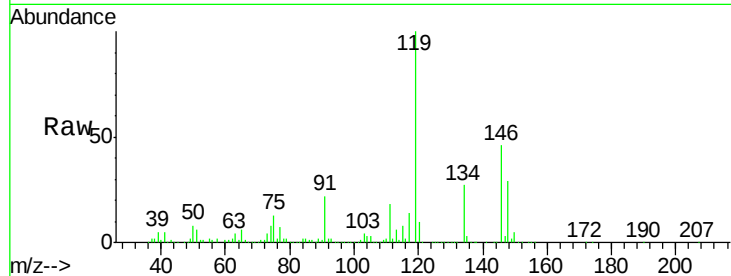
#87
 1,3-Dichlorobenzene
 Concen: 46.283 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW013128.D
 Acq: 18 Sep 2019 21:37

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.6	19.8	59.4
148	63.1	31.9	95.7

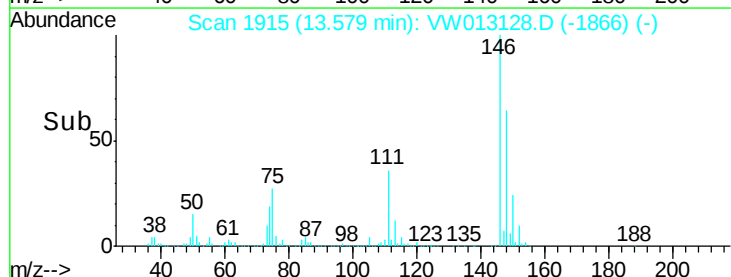
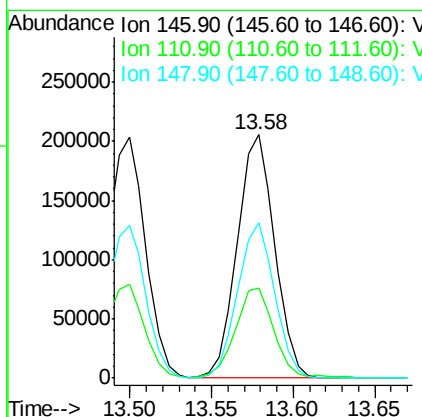
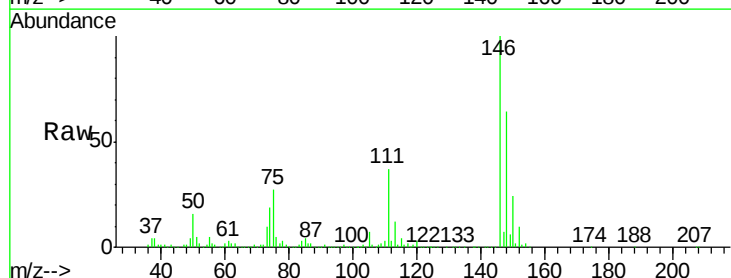
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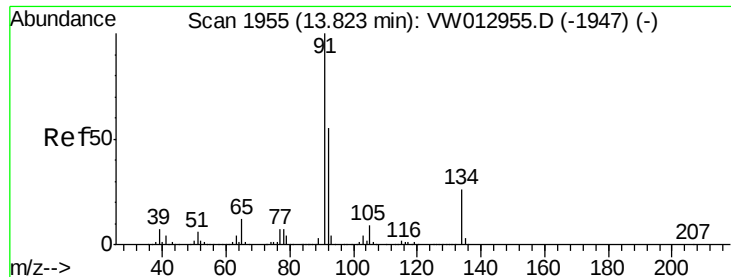
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#88
 1,4-Dichlorobenzene
 Concen: 46.272 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. 0.00 min
 Lab File: VW013128.D
 Acq: 18 Sep 2019 21:37

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.8	19.4	58.2
148	63.6	31.9	95.5





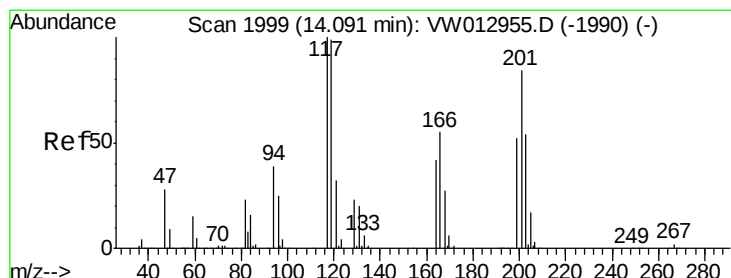
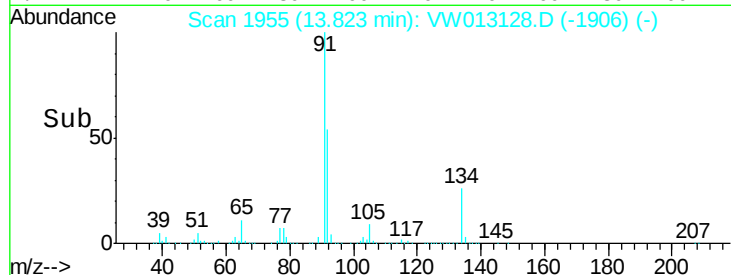
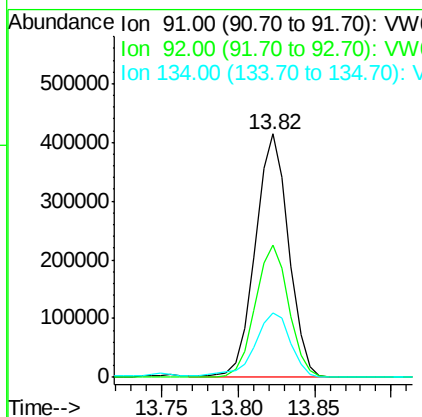
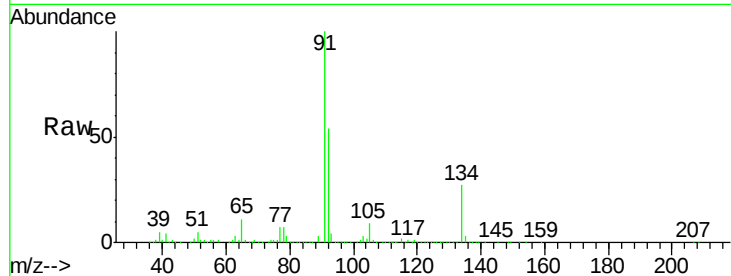
#89
n-Butylbenzene
Concen: 44.353 ug/l
RT: 13.82 min Scan# 1955
Delta R.T. -0.00 min
Lab File: VW013128.D
Acq: 18 Sep 2019 21:37

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
91	100	625684		
92	54.7		27.2	81.5
134	29.1		13.1	39.1

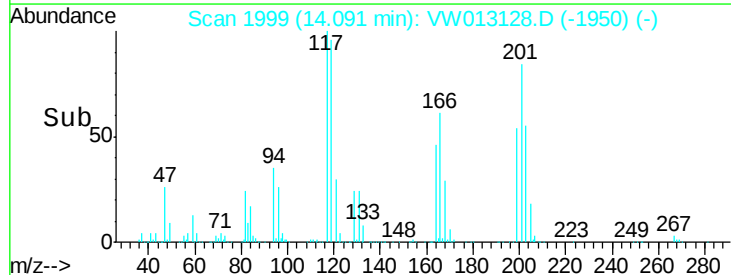
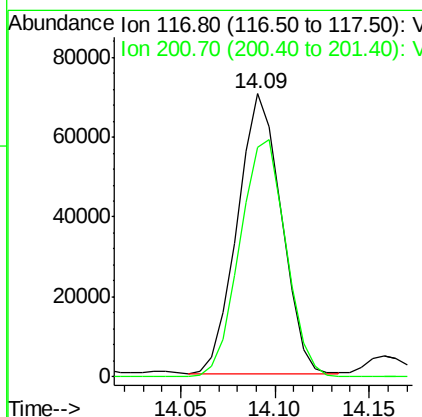
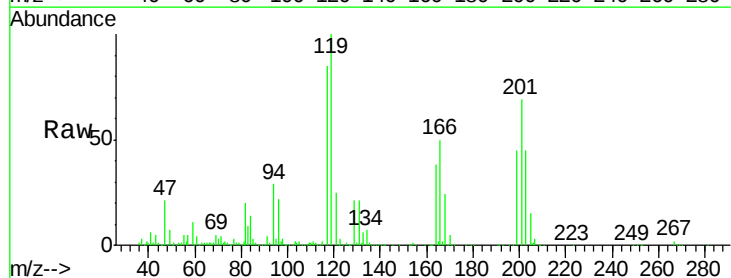
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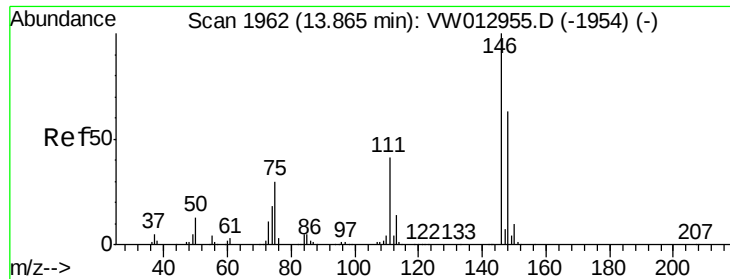
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#90
Hexachloroethane
Concen: 42.312 ug/l
RT: 14.09 min Scan# 1999
Delta R.T. -0.00 min
Lab File: VW013128.D
Acq: 18 Sep 2019 21:37

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	113422		
201	88.6		45.3	135.9





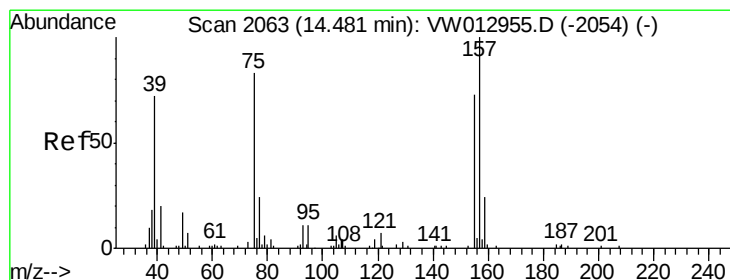
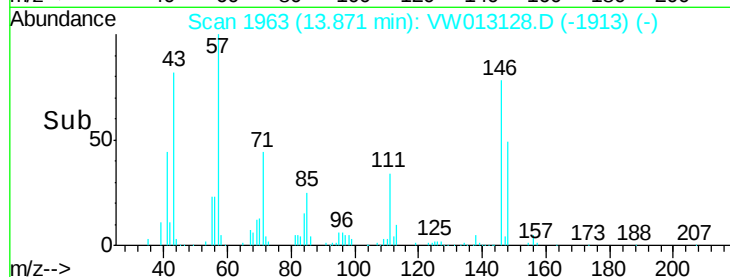
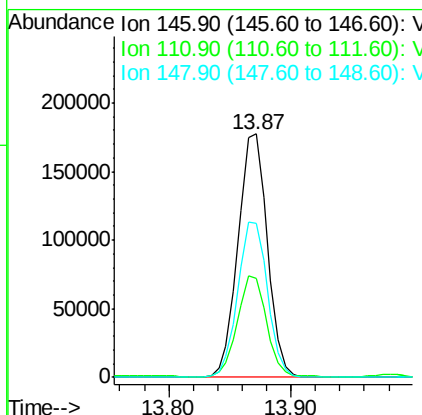
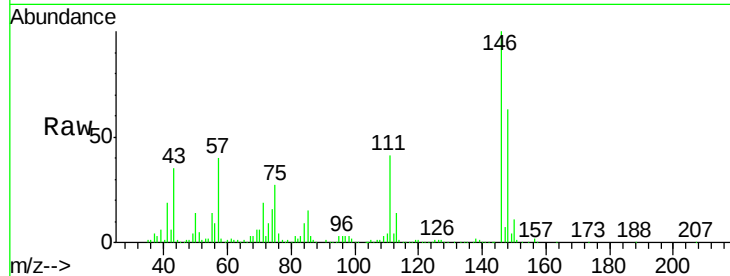
#91
 1,2-Dichlorobenzene
 Concen: 46.639 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. 0.01 min
 Lab File: VW013128.D
 Acq: 18 Sep 2019 21:37

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
146	100	295587		
111	41.1	20.8	62.5	
148	64.5	32.7	98.1	

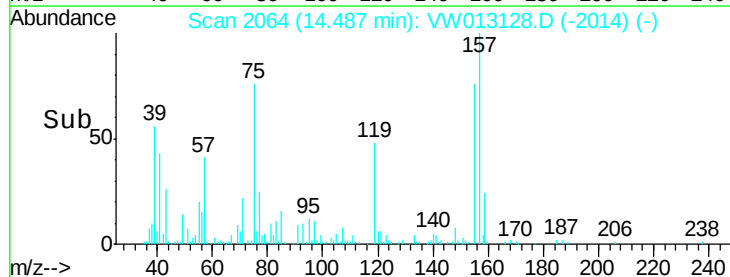
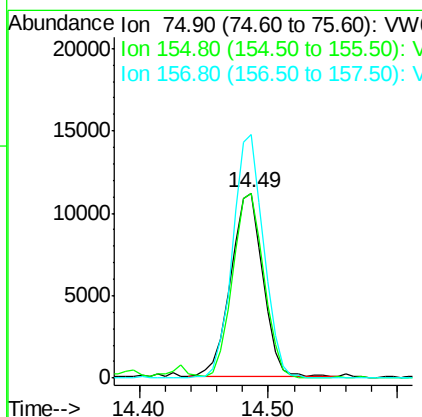
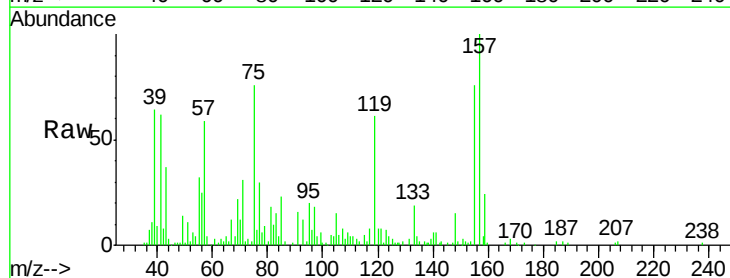
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 37.868 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. 0.01 min
 Lab File: VW013128.D
 Acq: 18 Sep 2019 21:37

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	19239		
155	98.4	43.3	129.9	
157	128.4	54.7	164.1	





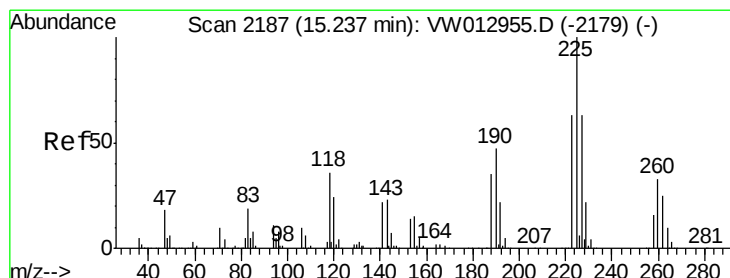
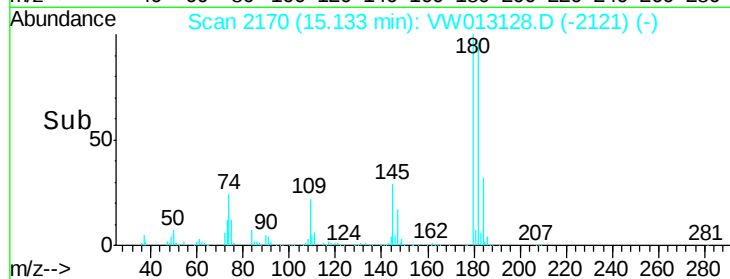
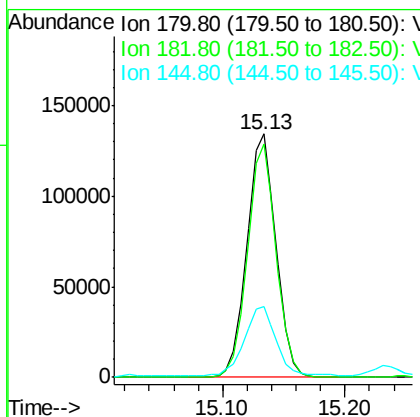
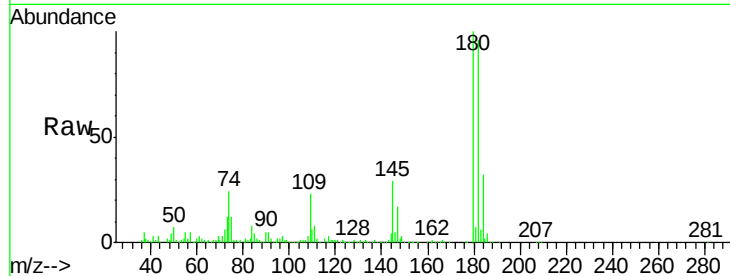
#93
 1,2,4-Trichlorobenzene
 Concen: 48.911 ug/l
 RT: 15.13 min Scan# 2170
 Delta R.T. -0.00 min
 Lab File: VW013128.D
 Acq: 18 Sep 2019 21:37

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100	221071		
182	94.8	47.4	142.2	
145	33.5	14.9	44.7	

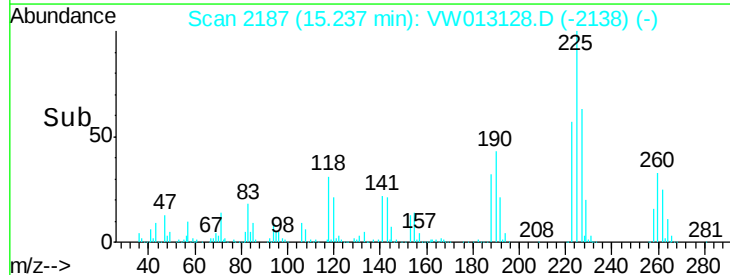
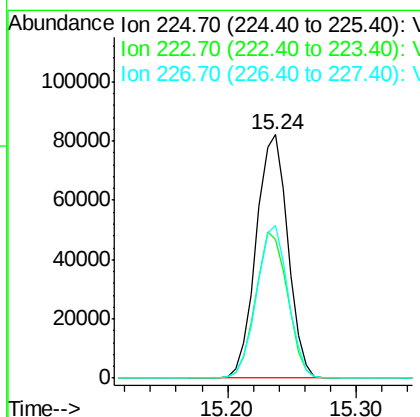
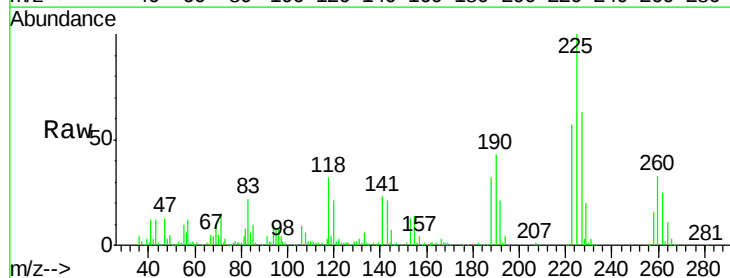
Manual Integrations
 APPROVED

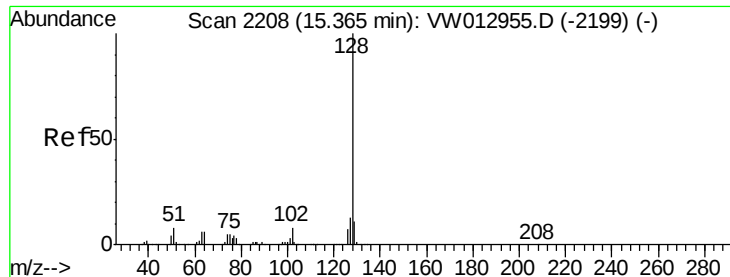
MMDadoda
 9/19/2019 11:23:03 AM



#94
 Hexachlorobutadiene
 Concen: 43.567 ug/l
 RT: 15.24 min Scan# 2187
 Delta R.T. -0.00 min
 Lab File: VW013128.D
 Acq: 18 Sep 2019 21:37

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	139402		
223	60.3	31.8	95.3	
227	62.2	31.3	93.8	





#95

Naphthalene

Concen: 53.706 ug/l

RT: 15.36 min Scan# 2208

Delta R.T. -0.00 min

Lab File: VW013128.D

Acq: 18 Sep 2019 21:37

Instrument :

MSVOA_W

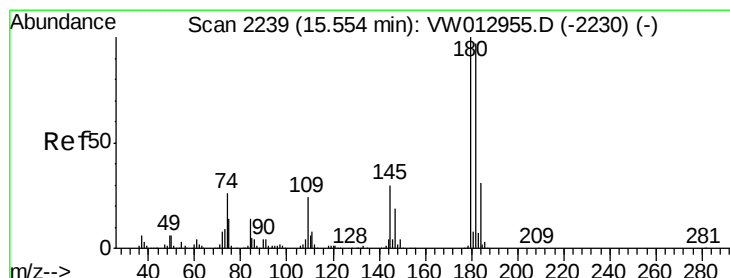
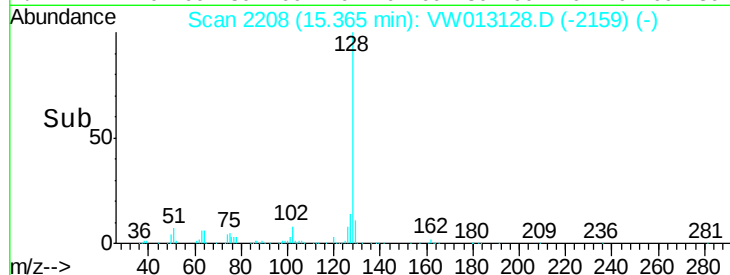
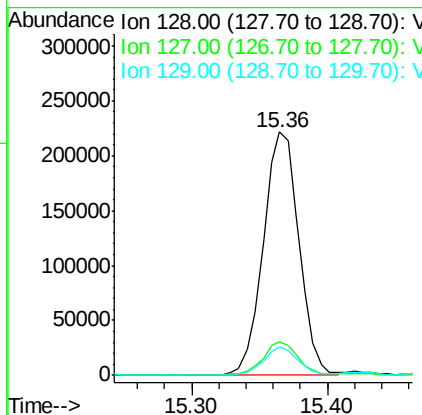
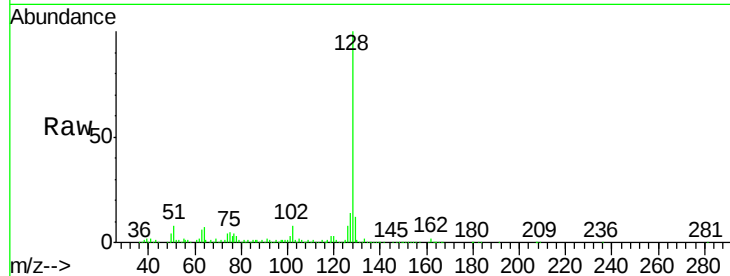
ClientSampleId :

VSTDCCC050EC

Tot Ion:	128	Resp:	405594
Ion Ratio	Lower	Upper	
128	100		
127	13.6	11.0	16.6
129	11.3	8.6	12.8

Manual Integrations
APPROVED

MMDadoda
9/19/2019 11:23:03 AM



#96

1,2,3-Trichlorobenzene

Concen: 49.258 ug/l

RT: 15.55 min Scan# 2239

Delta R.T. -0.00 min

Lab File: VW013128.D

Acq: 18 Sep 2019 21:37

Tgt Ion:	180	Resp:	196807
Ion Ratio	Lower	Upper	
180	100		
182	94.6	47.6	142.8
145	37.7	15.4	46.2

